Radiation Report

TPS7H5001-SP QMLP Total Ionizing Dose (TID) Report

ABSTRACT

This report discusses the results of the total ionizing dose (TID) testing for TPS7H5001-SP QMLP, Texas Instruments 4-V to 14-V, current mode, high speed radiation-tolerant PWM controller in plastic optimized for DC-DC converters in space applications. The study was done to determine TID effects under high dose rate (HDR) up to 100 krad(Si). The results show that all samples passed within the specified limits up to 100 krad(Si).

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Trademarks

1 Device Information

1.1 Product Description

The TPS7H5001-SP QMLP is a radiation hardness-assured, current mode, dual output PWM controller optimized for silicon (Si) and gallium nitride (GaN) based DC-DC converters in space applications. The switching frequency of the TPS7H5001-SP QMLP can be configured from 100 kHz to 2 MHz while still maintaining a very low current consumption, which makes it ideal for fully exploiting the area reduction and high efficiency benefits of GaN based DC-DC converters. The device features integrated synchronous rectifier control outputs and dead-time programmability in order to target high efficiency and high performance topologies. In addition, the TPS7H5001-SP QMLP supports single-ended converter topologies by providing the user flexibility to control the maximum duty cycle. The 0.613-V ±1% accurate internal reference allows design of high-current buck converters for FPGA core voltages.

The TPS7H5001-SP QMLP can be driven using an external clock through the SYNC pin or run using its internal oscillator at a frequency programmed by the user. Other programmable features include the UVLO threshold, soft start, and slope compensation. The TPS7H5001-SP QMLP is packaged in a very small 24-pin TSSOP (thin-shrink small outline package) package.

1.2 Device

Table 1-1 lists the device information used in the initial TID HDR characterization.

Table 1-1. Device and Exposure Details

TID Exposure Details	
TI Device	TPS7H5001-SP QMLP
TI Part Name	5962R1822201PYE
Package	24-pin TSSOP
Technology	LBC7
Quantity Tested	67
Lot Accept/Reject	All levels tested and passed up to 100 krad(Si)
HDR Radiation Facility	Texas Instruments - Dallas, TX
HDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si)
HDR Dose Rate	203.32 rads(Si)/s
HDR Radiation Source	Gammacell (Hopewell, GR420) Co-60
Irradiation Temperature	Ambient room temperature

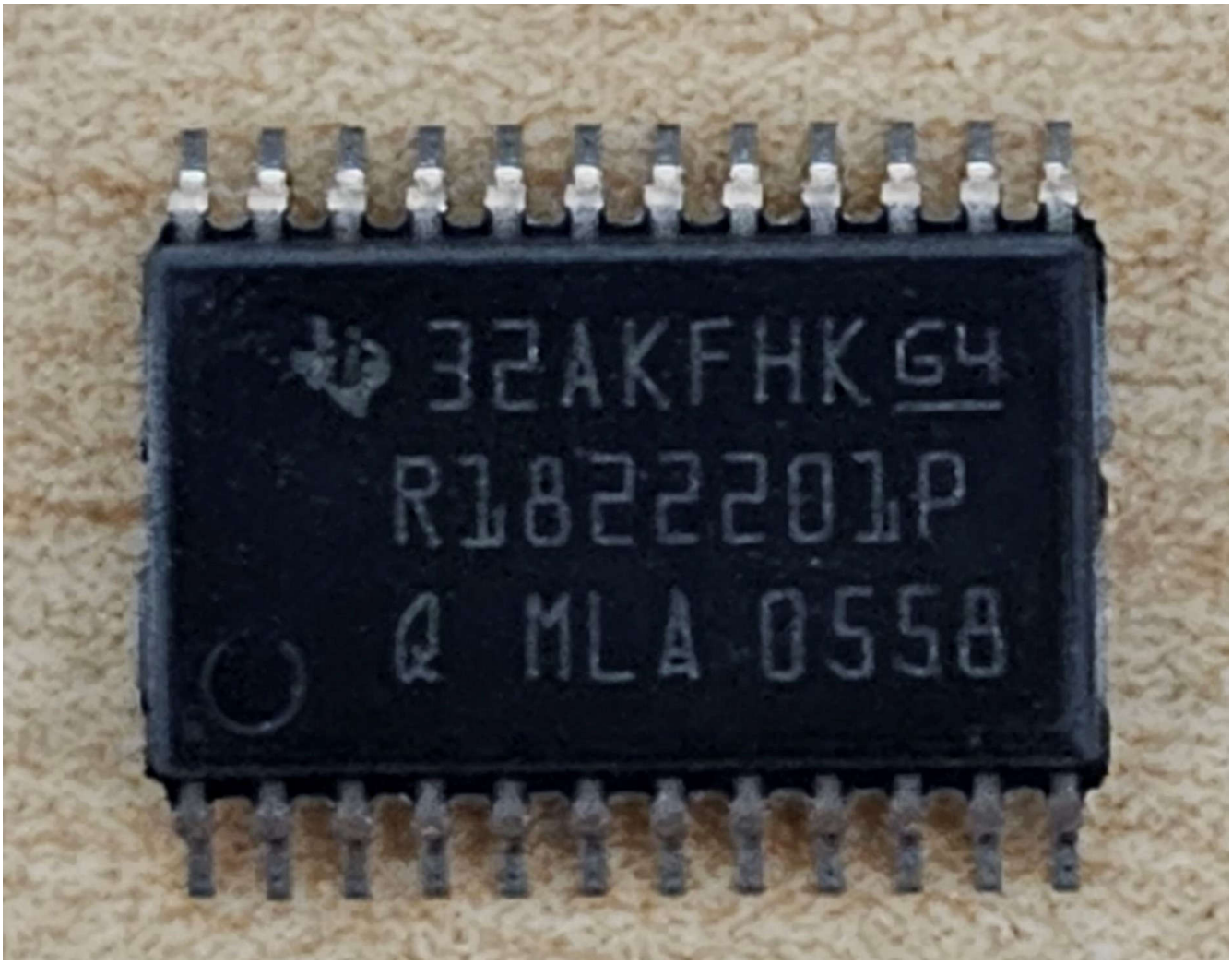


Figure 1-1. TPS7H5001-SP QMLP Device

2 Total Dose Test Setup

2.1 Test Overview

The TPS7H5001-SP QMLP was tested according to MIL-STD-883, Test Method 1019.9. For this testing, Condition A was used. The product was irradiated up to the target radiation level, and then put through full electrical parametric testing on the production automated test equipment (ATE). All devices remained functional passing all parametric test limits.

2.2 Test Description and Facilities

The TPS7H5001-SP QMLP HDR exposure was performed on biased and unbiased devices in a Co-60 Gamma cell at TI facility in Dallas, Texas. The un-attenuated dose rate of this cell is 203.32 rads(Si)/s. After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and full post-radiation electrical evaluation using Texas Instruments ATE was conducted. ATE test limits are set per datasheet electrical limits based on qualification and characterization data. Post-radiation measurements were taken within 30 minutes of removing the devices from the dry ice container. The devices were allowed to reach room temperature prior to electrical post-radiation measurements.

2.3 Test Setup Details

The devices under HDR exposure were tested in two conditions, biased and unbiased, as described in the following.

2.3.1 Unbiased

For the unbiased HDR conditions, the exposure was performed with all pins grounded.

2.3.2 Biased

Figure 2-1 shows the diagram for HDR exposure with biased condition.

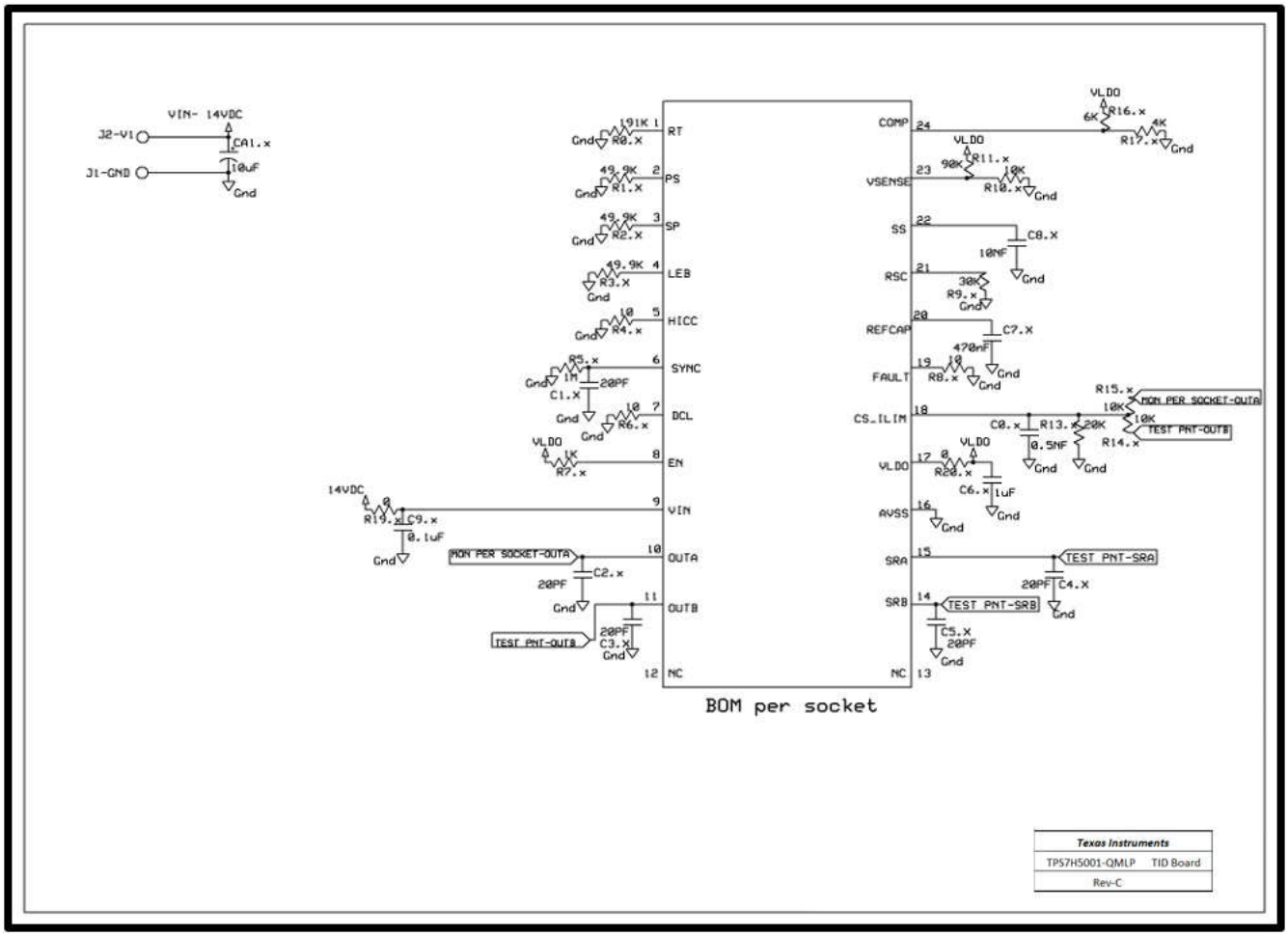


Figure 2-1. Bias Diagram Used in TID Exposure

2.4 Test Configuration and Condition

HDR devices were stressed at 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), and 100 krad(Si) for biased and unbiased conditions.

Table 2-1. HDR: 3-krad(Si) to 100-krad(Si)/s Unbiased Device Information

Total Samples: 25				
Exposure Levels				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
1, 2, 3, 4, 5	11, 12, 13, 14, 15	21, 22, 23, 24, 25	31, 32, 33, 34, 35	41, 42, 43, 44, 45

Table 2-2. HDR: 3-krad(Si) to 100-krad(Si)/s Biased Device Information

Total Samples: 42				
Exposure Levels				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
6, 7, 8, 9, 10	16, 17, 18, 19, 20	26, 27, 28, 29, 30	36, 37, 38, 39, 40	46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67

3 TID Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the TPS7H5001-SP QMLP passes up to 100-krad(Si) HDR TID irradiation. The drifts of the electrical parameters through HDR were within the data sheet limits.

Overall, the TPS7H5001-SP QMLP showed a strong degree of hardness to HDR TID irradiation up to 100 krad(Si) for both biased and unbiased exposure conditions. The measurements taken post-irradiation for each sample set showed a marginal shift for most parameters at each dose level for both biased and unbiased. The parameters that did show a greater degree of change between pre- and post-irradiation were still within the electrical performance characteristics specified in the data sheet electrical parameters. See (*TPS7H500x-SP Radiation-Hardness-Assured 2-MHz Current Mode PWM Controllers*) for the data sheet electrical parameters and associated tests.

See Appendix A for specifications requiring clarification.

3.2 Specification Compliance Matrix

Table 3-1. TPS7H5001-SP QMLP Electrical Parameters Table

PARAMETER	TEST CONDITION	TPS7H5001-SP QMLP DATA SHEET				TEST #
		MIN	TYP	MAX	UNIT	
SUPPLY VOLTAGES AND CURRENTS						
IDD Operating supply current	f_{SW} = 500 kHz, No load for OUTA, OUTB, SRA, and SRB		6.25	8	mA	5.24 __IDD_ACT_500K_NOLOAD_4V, 5.25 __IDD_ACT_500K_NOLOAD_5V, 5.26 __IDD_ACT_500K_NOLOAD_12V, 5.27 __IDD_ACT_500K_NOLOAD_14V
	f_{SW} = 1 MHz, No load for OUTA, OUTB, SRA, and SRB		6.75	9.5	mA	5.28 __IDD_ACT_1M_NOLOAD_4V, 5.29 __IDD_ACT_1M_NOLOAD_5V, 5.30 __IDD_ACT_1M_NOLOAD_12V, 5.31 __IDD_ACT_1M_NOLOAD_14V
	f_{SW} = 2 MHz, No load for OUTA, OUTB, SRA, and SRB		8.5	13.5	mA	5.36 __IDD_ACT_2M_NOLOAD_4V, 5.37 __IDD_ACT_2M_NOLOAD_5V, 5.38 __IDD_ACT_2M_NOLOAD_12V, 5.39 __IDD_ACT_2M_NOLOAD_14V
	f_{SW} = 500 kHz, C_{LOAD} = 100pF for OUTA, OUTB, SRA, and SRB		7.5	9.5	mA	5.48 __IDD_ACT_500K_4V, 5.49 __IDD_ACT_500K_5V, 5.50 __IDD_ACT_500K_12V, 5.51 __IDD_ACT_500K_14V
	f_{SW} = 1 MHz, C_{LOAD} = 100pF for OUTA, OUTB, SRA, and SRB		9	12	mA	5.52 __IDD_ACT_1M_4V, 5.53 __IDD_ACT_1M_5V, 5.54 __IDD_ACT_1M_12V, 5.55 __IDD_ACT_1M_14V
	f_{SW} = 2 MHz, C_{LOAD} = 100pF for OUTA, OUTB, SRA, and SRB		14	19.5	mA	5.60 __IDD_ACT_2M_4V, 5.61 __IDD_ACT_2M_5V, 5.62 __IDD_ACT_2M_12V, 5.63 __IDD_ACT_2M_14V
$I_{DD(dis)}$ Standby current	EN = 0 V			3	mA	5.1 __IDD_DIS_4V, 5.2 __IDD_DIS_5V, 5.3 __IDD_DIS_12V 5.4 __IDD_DIS_14V
VLDO Internal linear regulator output voltage	5 V ≤VIN ≤ 14 V, fsw ≤ 1 MHz	4.75	5	5.2	V	5.65 __V_LDO_100K_5V, 5.66 __V_LDO_100K_12V, 5.67 __V_LDO_100K_14V, 5.69 __V_LDO_200K_5V, 5.70 __V_LDO_200K_12V, 5.71 __V_LDO_200K_14V, 5.73 __V_LDO_500K_5V, 5.74 __V_LDO_500K_12V, 5.75 __V_LDO_500K_14V, 5.77 __V_LDO_1M_5V, 5.78 __V_LDO_1M_12V, 5.79 __V_LDO_1M_14V
	5 V ≤ VIN ≤ 14 V, fsw = 2 MHz	4.65	5	5.2	V	5.85 __V_LDO_2M_5V, 5.86 __V_LDO_2M_12V, 5.87 __V_LDO_2M_14V
ENABLE AND UNDERVOLTAGE LOCKOUT						
V_{ENR} EN threshold rising		0.57	0.6	0.65	V	6.5 __V_EN_RISE_4V, 6.8 __V_EN_RISE_5V, 6.11 __V_EN_RISE_12V, 6.14 __V_EN_RISE_14V
V_{ENF} EN threshold falling		0.47	0.5	0.55	V	6.6 __V_EN_FALL_4V, 6.9 __V_EN_FALL_5V, 6.12 __V_EN_FALL_12V, 6.15 __V_EN_FALL_14V
V_{ENH} EN hysteresis voltage		85	95	105	mV	6.7 __V_EN_HYS_4V, 6.10 __V_EN_HYS_5V, 6.13 __V_EN_HYS_12V, 6.16 __V_EN_HYS_14V
I_{EN} EN pin input leakage current	VIN = 14 V, EN = 5V		5	50	nA	6.1 __I_EN_LEAK_4V, 6.2 __I_EN_LEAK_5V, 6.3 __I_EN_LEAK_12V, 6.4 __I_EN_LEAK_14V
$VLDO_{UVLOR}$ VLDO UVLO rising		3.44	3.55	3.66	V	6.34 __UVLO_VLDO_RISE_1MHz, 6.37 __UVLO_VLDO_RISE_100kHz, 6.40 __UVLO_VLDO_RISE_200kHz, 6.43 __UVLO_VLDO_RISE_500kHz, 6.46 __UVLO_VLDO_RISE_2MHz
$VLDO_{UVLOF}$ VLDO UVLO falling		3.29	3.4	3.51	V	6.35 __UVLO_VLDO_FALL_1MHz, 6.38 __UVLO_VLDO_FALL_100kHz, 6.41 __UVLO_VLDO_FALL_200kHz, 6.44 __UVLO_VLDO_FALL_500kHz, 6.47 __UVLO_VLDO_FALL_2MHz
$VLDO_{UVLOH}$ VLDO UVLO hysteresis		115	135	160	mV	6.36 __UVLO_VLDO_HYS_1MHz, 6.39 __UVLO_VLDO_HYS_100kHz, 6.42 __UVLO_VLDO_HYS_200kHz, 6.45 __UVLO_VLDO_HYS_500kHz, 6.48 __UVLO_VLDO_HYS_2MHz
SOFT START						
I_{SS} Soft-start current	SS = 0.3 V	1.98	2.7	3.32	µA	7.1 __I_SS_4V, 7.3 __I_SS_5V, 7.5 __I_SS_12V, 7.7 __I_SS_14V
ERROR AMPLIFIER						
EA_{gm} Transconductance	–2 µA < I_{COMP} < 2 µA, $V_{(COMP)}$ = 1 V	1150	1800	2500	µA/V	8.9 __EA_GM_4V, 8.10 __EA_GM_5V, 8.11 __EA_GM_12V, 8.12 __EA_GM_14V

Table 3-1. TPS7H5001-SP QMLP Electrical Parameters Table (continued)

PARAMETER	TEST CONDITION	TPS7H5001-SP QMLP DATA SHEET				TEST #
		MIN	TYP	MAX	UNIT	
EA_{ISRC} Error amplifier source current	$V_{(COMP)}$ = 1 V, 100-mV input overdrive	100		190	µA	8.13 __EA_I_SOURCE_4V, 8.14 __EA_I_SOURCE_5V, 8.15 __EA_I_SOURCE_12V, 8.16 __EA_I_SOURCE_14V
EA_{ISNK} Error amplifier sink current	$V_{(COMP)}$ = 1 V, 100-mV input overdrive	100		190	µA	8.17 __EA_I_SINK_4V, 8.18 __EA_I_SINK_5V, 8.19 __EA_I_SINK_12V, 8.20 __EA_I_SINK_14V
EA_{OS} Error amplifier offset voltage		–2		2	mV	8.5 __EA_OS_4V, 8.6 __EA_OS_5V, 8.7 __EA_OS_12V, 8.8 __EA_OS_14V
OSCILLATOR						
$SYNC_{RT}$ SYNC out low-to-high rise time (10%/90%)	C_{LOAD} = 25 pF		6	15	ns	9.1 __T_SYNC_RISE_100kHz_4V, 9.5 __T_SYNC_RISE_200kHz_4V, 9.9 __T_SYNC_RISE_500kHz_4V, 9.13 __T_SYNC_RISE_1MHz_4V, 9.17 __T_SYNC_RISE_1p5MHz_4V, 9.21 __T_SYNC_RISE_2MHz_4V, 9.25 __T_SYNC_RISE_100kHz_5V, 9.29 __T_SYNC_RISE_200kHz_5V, 9.33 __T_SYNC_RISE_500kHz_5V, 9.37 __T_SYNC_RISE_1MHz_5V, 9.41 __T_SYNC_RISE_1p5MHz_5V, 9.45 __T_SYNC_RISE_2MHz_5V, 9.49 __T_SYNC_RISE_100kHz_12V, 9.53 __T_SYNC_RISE_200kHz_12V, 9.57 __T_SYNC_RISE_500kHz_12V, 9.61 __T_SYNC_RISE_1MHz_12V, 9.65 __T_SYNC_RISE_1p5MHz_12V, 9.69 __T_SYNC_RISE_2MHz_12V, 9.73 __T_SYNC_RISE_100kHz_14V, 9.77 __T_SYNC_RISE_200kHz_14V, 9.81 __T_SYNC_RISE_500kHz_14V, 9.85 __T_SYNC_RISE_1MHz_14V, 9.89 __T_SYNC_RISE_1p5MHz_14V, 9.93 __T_SYNC_RISE_2MHz_14V
$SYNC_{FT}$ SYNC out high-to-low fall time (10%/90%)	C_{LOAD} = 25 pF		6	17	ns	9.2 __T_SYNC_FALL_100kHz_4V, 9.14 __T_SYNC_FALL_1MHz_4V, 9.22 __T_SYNC_FALL_2MHz_4V, 9.26 __T_SYNC_FALL_100kHz_5V, 9.38 __T_SYNC_FALL_1MHz_5V, 9.46 __T_SYNC_FALL_2MHz_5V, 9.74 __T_SYNC_FALL_100kHz_14V, 9.86 __T_SYNC_FALL_1MHz_14V, 9.94 __T_SYNC_FALL_2MHz_14V
$SYNC_{OL}$ SYNC out low level	I_{OL}= 10 mA			500	mV	9.186__SYNC_VOL_4V, 9.187__SYNC_VOL_5V, 9.188__SYNC_VOL_12V, 9.189__SYNC_VOL_14V
EXT_{DT} Externally set frequency detection time	RT = Open, f = 200 kHz			20	µs	9.185__T_SYNC_DETECT
FSW_{EXT} Externally set frequency	RT = 1.07 MΩ	95	105	115	kHz	9.4 __FSW_EXT_RT_100kHz_4V, 9.28 __FSW_EXT_RT_100kHz_5V, 9.52 __FSW_EXT_RT_100kHz_12V, 9.76 __FSW_EXT_RT_100kHz_14V
	RT = 511 kΩ	190	210	230	kHz	9.8 __FSW_EXT_RT_200kHz_4V, 9.32 __FSW_EXT_RT_200kHz_5V, 9.56 __FSW_EXT_RT_200kHz_12V, 9.80 __FSW_EXT_RT_200kHz_14V
	RT = 90.9 kΩ	900	1000	1100	kHz	9.16 __FSW_EXT_RT_1MHz_4V, 9.40 __FSW_EXT_RT_1MHz_5V, 9.64 __FSW_EXT_RT_1MHz_12V, 9.88 __FSW_EXT_RT_1MHz_14V
	RT = 34.8 kΩ	1700	2000	2300	kHz	9.24 __FSW_EXT_RT_2MHz_4V, 9.48 __FSW_EXT_RT_2MHz_5V, 9.72 __FSW_EXT_RT_2MHz_12V, 9.96 __FSW_EXT_RT_2MHz_14V
VOLTAGE REFERENCE						
VREF Internal voltage reference initial tolerance	Measured at COMP, 25°C	0.609	0.613	0.615	V	8.1 __VREF_4V, 8.2 __VREF_5V, 8.3 __VREF_12V, 8.4 __VREF_14V

Table 3-1. TPS7H5001-SP QMLP Electrical Parameters Table (continued)

PARAMETER	TEST CONDITION	TPS7H5001-SP QMLP DATA SHEET				TEST #
		MIN	TYP	MAX	UNIT	
REFCAP REFCAP voltage	REFCAP = 470 nF	1.213	1.225	1.237	V	5.88 __V_REFCAP_100K_4V, 5.89 __V_REFCAP_100K_5V, 5.90 __V_REFCAP_100K_12V, 5.91 __V_REFCAP_100K_14V, 5.92 __V_REFCAP_200K_4V, 5.93 __V_REFCAP_200K_5V, 5.94 __V_REFCAP_200K_12V, 5.95 __V_REFCAP_200K_14V, 5.96 __V_REFCAP_500K_4V, 5.97 __V_REFCAP_500K_5V, 5.98 __V_REFCAP_500K_12V, 5.99 __V_REFCAP_500K_14V, 5.100__V_REFCAP_1M_4V, 5.101__V_REFCAP_1M_5V, 5.102__V_REFCAP_1M_12V, 5.103__V_REFCAP_1M_14V, 5.104__V_REFCAP_1P5M_4V, 5.105__V_REFCAP_1P5M_5V, 5.106__V_REFCAP_1P5M_12V, 5.107__V_REFCAP_1P5M_14V, 5.108__V_REFCAP_2M_4V, 5.109__V_REFCAP_2M_5V, 5.110__V_REFCAP_2M_12V, 5.111__V_REFCAP_2M_14V
CURRENT SENSE, CURRENT LIMIT, AND HICCUP						
CCSR	COMP to CS_ILIM ratio	2.00	2.06	2.12		10.49 __CCSR_Ratio
V_{CS_ILIM} Current limit (over-current) threshold			1.05	1.09	V	10.1 __V_CS_ILIM_OC_Rise_4V, 10.3 __V_CS_ILIM_OC_Rise_5V, 10.5 __V_CS_ILIM_OC_Rise_12V, 10.7 __V_CS_ILIM_OC_Rise_14V
FAULT						
V_{FLTR} FLT threshold rising		0.57	0.6	0.65	V	12.1 __V_FAULT_RISE_4V, 12.4 __V_FAULT_RISE_5V, 12.7 __V_FAULT_RISE_12V, 12.10 __V_FAULT_RISE_14V
V_{FLTF} FLT threshold falling		0.47	0.5	0.55	V	12.2 __V_FAULT_FALL_4V, 12.5 __V_FAULT_FALL_5V, 12.8 __V_FAULT_FALL_12V, 12.11 __V_FAULT_FALL_14V
V_{FLTH} FLT hysteresis voltage		90	100	110	mV	12.3 __V_FAULT_HYS_4V, 12.6 __V_FAULT_HYS_5V, 12.9 __V_FAULT_HYS_12V, 12.12 __V_FAULT_HYS_14V
T_{FLT} FLT minimum pulse width	V_{FLT} = 1 V	0.4		1.4	µs	12.14 __T_FAULT_MIN
t_{DFLT} FLT delay duration	f_{sw} = 100 kHz	140	152	169	µs	12.15 __T_FAULT_DELAY_100kHz
	f_{sw} = 200 kHz	66	78	86	µs	12.17 __T_FAULT_DELAY_200kHz
	f_{sw} = 1 MHz	14	17	21	µs	12.21 __T_FAULT_DELAY_1MHz
	f_{sw} = 2 MHz	7	11	14	µs	12.23 __T_FAULT_DELAY_2MHz
PRIMARY AND SYNCHRONOUS RECTIFIER OUTPUTS						
Rise/fall time	R_{LOAD} = 50 kΩ, C_{LOAD} = 100 pF, 10% to 90%		10	17	ns	13.1 __OUTA_RISE_1MHz_4V, 13.9 __OUTA_RISE_1MHz_5V, 13.17 __OUTA_RISE_1MHz_12V, 13.25 __OUTA_RISE_1MHz_14V, 13.3 __OUTA_FALL_1MHz_4V, 13.11 __OUTA_FALL_1MHz_5V, 13.19 __OUTA_FALL_1MHz_12V, 13.27 __OUTA_FALL_1MHz_14V, 13.2 __OUTB_RISE_1MHz_4V, 13.10 __OUTB_RISE_1MHz_5V, 13.18 __OUTB_RISE_1MHz_12V, 13.26 __OUTB_RISE_1MHz_14V, 13.4 __OUTB_FALL_1MHz_4V, 13.12 __OUTB_FALL_1MHz_5V, 13.20 __OUTB_FALL_1MHz_12V, 13.28 __OUTB_FALL_1MHz_14V
t_{MIN} Minimum on-time LEB = 10 kΩ	LEB = 10 kΩ, 5 V ≤ VIN ≤ 14 V			85	ns	13.145__OUT_T_ON_MIN

Table 3-1. TPS7H5001-SP QMLP Electrical Parameters Table (continued)

PARAMETER	TEST CONDITION	TPS7H5001-SP QMLP DATA SHEET				TEST #
		MIN	TYP	MAX	UNIT	
TD_{PS} Primary off to secondary on dead time	PS = floating, 5 V ≤ VIN ≤ 14 V, 90% of OUTx falling edge to 10% of SRx rising edge with OUTx and SRx floating	5	8	11	ns	13.37 __PSA_DT_0ns_1M_5V, 13.38 __PSB_DT_0ns_1M_5V, 13.41 __PSA_DT_0ns_1M_12V, 13.42 __PSB_DT_0ns_1M_12V, 13.45 __PSA_DT_0ns_1M_14V, 13.46 __PSB_DT_0ns_1M_14V
	PS = 49.9 kΩ, 5 V ≤ VIN ≤ 14 V, 90% of OUTx falling edge to 10% of SRx rising edge with OUTx and SRx floating	43	50	55	ns	13.53 __PSA_DT_50ns_1M_5V, 13.54 __PSB_DT_50ns_1M_5V, 13.57 __PSA_DT_50ns_1M_12V, 13.58 __PSB_DT_50ns_1M_12V, 13.61 __PSA_DT_50ns_1M_14V, 13.62 __PSB_DT_50ns_1M_14V
	PS = 107 kΩ, 5 V ≤ VIN ≤ 14 V, 90% of OUTx falling edge to 10% of SRx rising edge with OUTx and SRx floating	85	100	110	ns	13.69 __PSA_DT_100ns_1M_5V, 13.70 __PSB_DT_100ns_1M_5V, 13.73 __PSA_DT_100ns_1M_12V, 13.74 __PSB_DT_100ns_1M_12V, 13.77 __PSA_DT_100ns_1M_14V, 13.78 __PSB_DT_100ns_1M_14V
TD_{SP} Secondary off to primary on dead time	SP = floating, 5 V ≤ VIN ≤ 14 V, 90% of SRx falling edge to 10% of OUTx rising edge with OUTx and SRx floating	5	8	11	ns	13.39 __SPA_DT_0ns_1M_5V, 13.40 __SPB_DT_0ns_1M_5V, 13.43 __SPA_DT_0ns_1M_12V, 13.44 __SPB_DT_0ns_1M_12V, 13.47 __SPA_DT_0ns_1M_14V, 13.48 __SPB_DT_0ns_1M_14V
	SP = 49.9 kΩ, 5 V ≤ VIN ≤ 14 V, 90% of SRx falling edge to 10% of OUTx rising edge with OUTx and SRx floating	43	50	55	ns	13.55 __SPA_DT_50ns_1M_5V, 13.56 __SPB_DT_50ns_1M_5V, 13.59 __SPA_DT_50ns_1M_12V, 13.60 __SPB_DT_50ns_1M_12V, 13.63 __SPA_DT_50ns_1M_14V, 13.64 __SPB_DT_50ns_1M_14V
	SP = 100 kΩ, 5 V ≤ VIN ≤ 14 V, 90% of SRx falling edge to 10% of OUTx rising edge with OUTx and SRx floating	85	100	110	ns	13.71 __SPA_DT_100ns_1M_5V, 13.72 __SPB_DT_100ns_1M_5V, 13.75 __SPA_DT_100ns_1M_12V, 13.76 __SPB_DT_100ns_1M_12V, 13.79 __SPA_DT_100ns_1M_14V, 13.80 __SPB_DT_100ns_1M_14V
DUTY CYCLE						
D_{MAX} Maximum duty cycle	DCL = AVSS	45	48	50	%	13.160__MAX_DC_DCL_AVSS
	DCL = floating	70	75	80	%	13.163__MAX_DC_DCL_OPEN
	DCL =VLDO			100	%	13.166__MAX_DC_DCL_VLDO

4 Applicable and Reference Documents

4.1 Applicable Documents

- Texas Instruments, TPS7H500x-SP Radiation-Hardness-Assured 2-MHz Current Mode PWM Controllers
- Texas Instruments,

  TPS7H5005 evaluation module for 2-MHz dual-output PWM controller with synchronous rectification

4.2 Reference Documents

Texas Instruments total ionizing dose radiation (total dose) test procedure follows the standards put forth in MIL-STD-883 TM 1019. The document can be found at the DLA website.

5 Revision History

Changes from Revision * (September 2023) to Revision A (September 2023)	Page
• Updated Applicable and Reference Documents section	12

A Appendix: Specifications Requiring Clarification

Table A-1. Specifications Requiring Clarification - Set #1

Data sheet specifications for which parametric data is unavailable were not included in the TID report. Functionality assured by ATE testing.

PARAMETER	TEST CONDITION	TPS7H5001-SP QMLP DATA SHEET			
		MIN	TYP	MAX	UNIT
VIN Operating voltage		4		14	V
F_{SYNC} SYNC in frequency range		200		4000	kHz
D_{SYNC} SYNC in duty cycle	Duty cycle of external clock	40		60	%

Table A-2. Specifications Requiring Clarification - Set #2

Data sheet specifications verified by bench testing were not included in the TID report. TID testing was by ATE.

PARAMETER	TEST CONDITION	TPS7H5001-SP QMLP DATA SHEET			
		MIN	TYP	MAX	UNIT
EA_{DC} DC gain	VSENSE = 0.6 V		10000		V/V
EA_{ro} Error amplifier output resistance			7		MΩ
EA_{IB} Error amplifier bias current				35	nA
EA_{BW} Bandwidth			10		MHz
$SYNC_{IL}$ SYNC in low-level	VIN < 5 V			0.8	V
	VIN ≥ 5 V			0.8	
$SYNC_{IH}$ SYNC in high-level	VIN < 5 V		3.5		V
	VIN ≥ 5 V		3.5		
(VLDO - $SYNC_{OH}$) SYNC out high level	I_{OH} = 10 mA			0.5	V

Table A-3. Specifications Requiring Clarification - Set #3

Data sheet specifications for which *MIN* and *MAX* values are unavailable were not included in the TID report. Functionality assured by ATE testing.

PARAMETER	TEST CONDITION	TPS7H5001-SP QMLP DATA SHEET			
		MIN	TYP	MAX	UNIT
I_{HICC_DEL} Hiccup delay current	CS_LIM = 1.3 V, COMP = 3 V, VSENSE = REFCAP/2 V, C_{HICC} = 3 nF, LEB = 49.9 kΩ, f_{sw} = 100 kHz		80		µA
I_{HICC_RST} Hiccup restart current			1		µA
V_{HICC_PU} Hiccup pull-up threshold			1.0		V
V_{HICC_SD} Hiccup shut-down threshold			0.6		V
V_{HICC_RS} T Hiccup restart threshold			0.3		V
Slope compensation	f_{SW} = 100 kHz, RSC = 1.18 MΩ		0.033		V/µs
	f_{SW} = 200 kHz, RSC = 562 kΩ		0.066		
	f_{SW} = 1000 kHz, RSC = 100 kΩ		0.333		
	f_{SW} = 2000 kHz, RSC = 49.9 kΩ		0.666		

Table A-3. Specifications Requiring Clarification - Set #3 (continued)

Data sheet specifications for which *MIN* and *MAX* values are unavailable were not included in the TID report. Functionality assured by ATE testing.

PARAMETER	TEST CONDITION	TPS7H5001-SP QMLP DATA SHEET			
		MIN	TYP	MAX	UNIT
PRIMARY AND SYNCHRONOUS RECTIFIER OUTPUTS					
Low-level threshold	I_{SINK} = 10 mA		0.5		V
High-level threshold	I_{SOURCE} = 10 mA		4.5		V
R_{SRC_P} Output source resistance	I_{OUT} = 20 mA		15		Ω
R_{SINK_P} Output sink resistance	I_{OUT} = 20 mA		15		Ω

Table A-4. Specifications Requiring Clarification - Set #4

Data sheet specifications for which temperature condition was other than 25°C were not included in the TID report. TID testing was at 25°C only.

PARAMETER	TEST CONDITION	TPS7H5001-SP QMLP DATA SHEET			
		MIN	TYP	MAX	UNIT
VREF Internal voltage reference	Measured at COMP, –55°C	0.607	0.609	0.612	V
	Measured at COMP, +125°C	0.611	0.614	0.617	

B Appendix: HDR TID Report Data

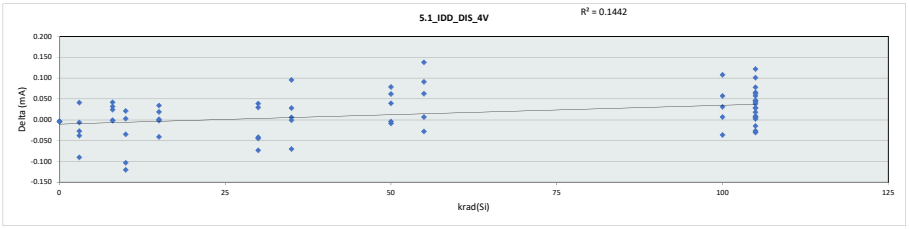
This appendix contains the HDR TID report data.

HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

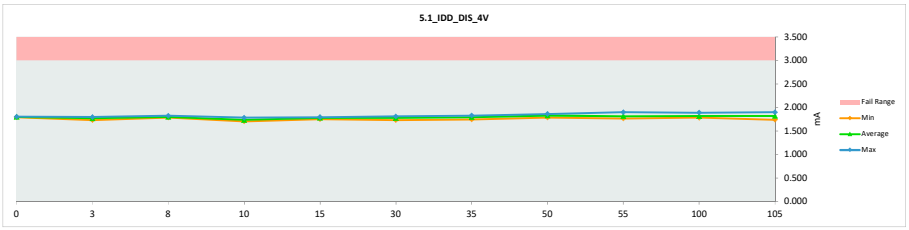
	5.1_IDD_DIS_4V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	2.6	3
Min Limit	1	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.807	1.803	-0.004
0	992	1.798	1.794	-0.004
0	993	1.803	1.800	-0.003
3	1	1.771	1.733	-0.038
3	2	1.756	1.797	0.041
3	3	1.783	1.756	-0.027
3	4	1.869	1.779	-0.090
3	5	1.785	1.779	-0.006
8	6	1.801	1.799	-0.002
8	7	1.743	1.785	0.042
8	8	1.791	1.823	0.032
8	9	1.795	1.794	-0.001
8	10	1.780	1.804	0.024
10	11	1.761	1.782	0.021
10	12	1.757	1.722	-0.035
10	13	1.807	1.704	-0.103
10	14	1.757	1.760	0.003
10	15	1.826	1.706	-0.120
15	16	1.796	1.794	-0.002
15	17	1.757	1.776	0.019
15	18	1.794	1.753	-0.041
15	19	1.790	1.791	0.001
15	20	1.747	1.781	0.034
30	21	1.772	1.811	0.039
30	22	1.822	1.749	-0.073
30	23	1.768	1.798	0.030
30	24	1.835	1.793	-0.042
30	25	1.775	1.730	-0.045
35	26	1.817	1.747	-0.070
35	27	1.795	1.801	0.006
35	28	1.729	1.825	0.096
35	29	1.798	1.797	-0.001
35	30	1.763	1.791	0.028
50	31	1.781	1.860	0.079
50	32	1.781	1.843	0.062
50	33	1.798	1.838	0.040
50	34	1.789	1.785	-0.004
50	35	1.824	1.815	-0.009
55	36	1.792	1.799	0.007
55	37	1.807	1.898	0.091
55	38	1.792	1.764	-0.028
55	39	1.714	1.777	0.063
55	40	1.694	1.832	0.138
100	41	1.775	1.782	0.007
100	42	1.820	1.784	-0.036
100	43	1.789	1.820	0.031
100	44	1.780	1.888	0.108
100	45	1.753	1.810	0.057
105	46	1.781	1.819	0.038
105	47	1.768	1.739	-0.029
105	48	1.805	1.851	0.046
105	49	1.748	1.849	0.101
105	50	1.792	1.799	0.007
105	51	1.789	1.795	0.006
105	52	1.732	1.789	0.057
105	53	1.727	1.849	0.122
105	54	1.792	1.794	0.002
105	55	1.814	1.860	0.046
105	56	1.785	1.831	0.046
105	57	1.788	1.797	0.009
105	58	1.837	1.807	-0.030
105	59	1.826	1.800	-0.026
105	60	1.817	1.802	-0.015
105	61	1.772	1.790	0.018
105	62	1.775	1.841	0.066
105	63	1.758	1.799	0.041
105	64	1.871	1.899	0.028
105	65	1.784	1.813	0.029
105	66	1.764	1.842	0.078
105	67	1.779	1.842	0.063
	Max	1.871	1.899	0.138
	Average	1.785	1.799	0.015
	Min	1.694	1.704	-0.120
	Std Dev	0.032	0.040	0.050



	5.1_IDD_DIS_4V	
Test Site		
Tester		
Test Number		
Max Limit	3	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	1.794	1.733	1.785	1.704	1.753	1.730	1.747	1.785	1.764	1.782	1.739
Average	1.799	1.769	1.801	1.735	1.779	1.776	1.792	1.828	1.814	1.817	1.819
Max	1.803	1.797	1.823	1.782	1.794	1.811	1.825	1.860	1.898	1.888	1.899
UL	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

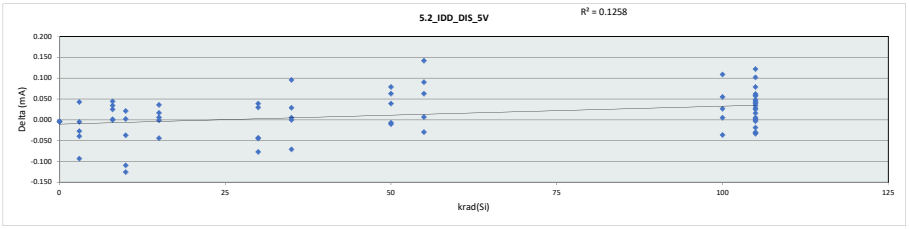


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

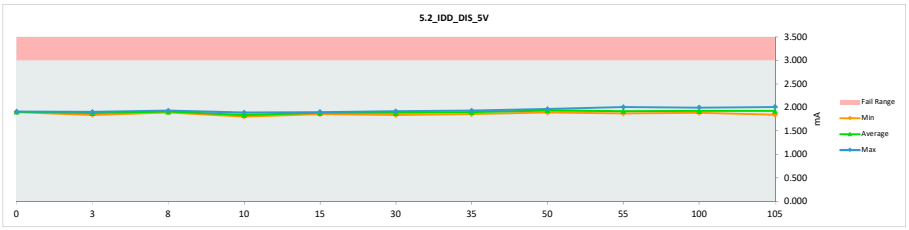
	5.2_IDD_DIS_5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	2.8	3
Min Limit	1	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.916	1.912	-0.004
0	992	1.905	1.901	-0.004
0	993	1.914	1.910	-0.004
3	1	1.879	1.840	-0.039
3	2	1.862	1.905	0.043
3	3	1.889	1.862	-0.027
3	4	1.979	1.886	-0.093
3	5	1.893	1.888	-0.005
8	6	1.908	1.908	0.000
8	7	1.849	1.893	0.044
8	8	1.899	1.933	0.034
8	9	1.901	1.902	0.001
8	10	1.888	1.913	0.025
10	11	1.868	1.889	0.021
10	12	1.864	1.827	-0.037
10	13	1.916	1.807	-0.109
10	14	1.862	1.864	0.002
10	15	1.934	1.809	-0.125
15	16	1.902	1.901	-0.001
15	17	1.865	1.882	0.017
15	18	1.902	1.858	-0.044
15	19	1.894	1.900	0.006
15	20	1.853	1.889	0.036
30	21	1.879	1.918	0.039
30	22	1.931	1.854	-0.077
30	23	1.874	1.904	0.030
30	24	1.945	1.902	-0.043
30	25	1.881	1.836	-0.045
35	26	1.925	1.854	-0.071
35	27	1.903	1.908	0.005
35	28	1.837	1.933	0.096
35	29	1.906	1.906	0.000
35	30	1.870	1.899	0.029
50	31	1.888	1.967	0.079
50	32	1.889	1.952	0.063
50	33	1.907	1.946	0.039
50	34	1.897	1.890	-0.007
50	35	1.934	1.924	-0.010
55	36	1.900	1.907	0.007
55	37	1.916	2.006	0.090
55	38	1.900	1.871	-0.029
55	39	1.819	1.882	0.063
55	40	1.798	1.940	0.142
100	41	1.881	1.886	0.005
100	42	1.924	1.888	-0.036
100	43	1.897	1.924	0.027
100	44	1.887	1.996	0.109
100	45	1.860	1.915	0.055
105	46	1.890	1.924	0.034
105	47	1.877	1.844	-0.033
105	48	1.913	1.955	0.042
105	49	1.852	1.954	0.102
105	50	1.901	1.903	0.002
105	51	1.899	1.899	0.000
105	52	1.839	1.896	0.057
105	53	1.833	1.955	0.122
105	54	1.899	1.896	-0.003
105	55	1.921	1.969	0.048
105	56	1.893	1.938	0.045
105	57	1.897	1.902	0.005
105	58	1.944	1.913	-0.031
105	59	1.936	1.906	-0.030
105	60	1.926	1.907	-0.019
105	61	1.880	1.896	0.016
105	62	1.885	1.947	0.062
105	63	1.865	1.904	0.039
105	64	1.981	2.009	0.028
105	65	1.892	1.917	0.025
105	66	1.870	1.949	0.079
105	67	1.888	1.947	0.059
	Max	1.981	2.009	0.142
	Average	1.892	1.906	0.014
	Min	1.798	1.807	-0.125
	Std Dev	0.033	0.040	0.051



	5.2_IDD_DIS_5V										
Test Site											
Tester											
Test Number											
Max Limit	3	mA									
Min Limit		mA									

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	1.901	1.840	1.893	1.807	1.858	1.836	1.854	1.890	1.871	1.886	1.844
Average	1.908	1.876	1.910	1.839	1.886	1.883	1.900	1.936	1.921	1.922	1.924
Max	1.912	1.905	1.933	1.889	1.901	1.918	1.933	1.967	2.006	1.996	2.009
UL	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

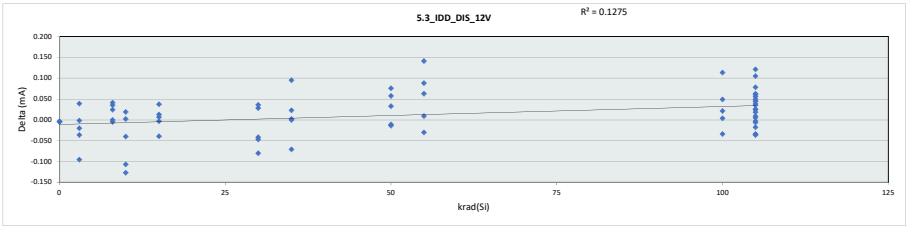


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

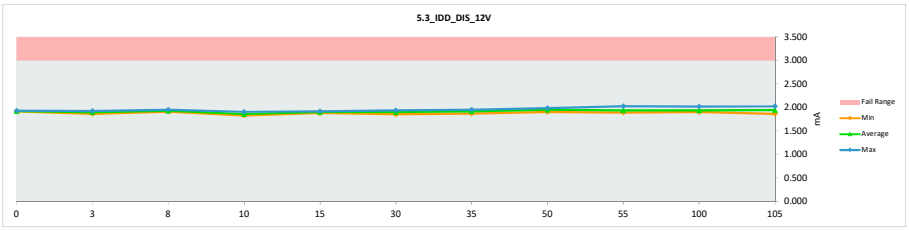
	5.3_IDD_DIS_12V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	2.8	3
Min Limit	1	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.935	1.931	-0.004
0	992	1.922	1.917	-0.005
0	993	1.928	1.924	-0.004
3	1	1.895	1.859	-0.036
3	2	1.882	1.921	0.039
3	3	1.904	1.884	-0.020
3	4	1.998	1.903	-0.095
3	5	1.909	1.907	-0.002
8	6	1.928	1.928	0.000
8	7	1.868	1.909	0.041
8	8	1.917	1.952	0.035
8	9	1.922	1.917	-0.005
8	10	1.908	1.932	0.024
10	11	1.887	1.906	0.019
10	12	1.883	1.843	-0.040
10	13	1.933	1.826	-0.107
10	14	1.878	1.880	0.002
10	15	1.955	1.828	-0.127
15	16	1.921	1.918	-0.003
15	17	1.886	1.899	0.013
15	18	1.918	1.879	-0.039
15	19	1.909	1.916	0.007
15	20	1.870	1.907	0.037
30	21	1.899	1.935	0.036
30	22	1.949	1.869	-0.080
30	23	1.892	1.920	0.028
30	24	1.964	1.922	-0.042
30	25	1.898	1.851	-0.047
35	26	1.941	1.870	-0.071
35	27	1.922	1.924	0.002
35	28	1.856	1.951	0.095
35	29	1.923	1.923	0.000
35	30	1.892	1.915	0.023
50	31	1.906	1.982	0.076
50	32	1.909	1.966	0.057
50	33	1.927	1.960	0.033
50	34	1.915	1.904	-0.011
50	35	1.953	1.939	-0.014
55	36	1.915	1.924	0.009
55	37	1.935	2.023	0.088
55	38	1.917	1.887	-0.030
55	39	1.835	1.898	0.063
55	40	1.816	1.957	0.141
100	41	1.898	1.902	0.004
100	42	1.940	1.906	-0.034
100	43	1.915	1.936	0.021
100	44	1.903	2.016	0.113
100	45	1.881	1.930	0.049
105	46	1.907	1.942	0.035
105	47	1.895	1.860	-0.035
105	48	1.931	1.975	0.044
105	49	1.869	1.974	0.105
105	50	1.917	1.922	0.005
105	51	1.919	1.916	-0.003
105	52	1.855	1.911	0.056
105	53	1.849	1.970	0.121
105	54	1.914	1.908	-0.006
105	55	1.939	1.989	0.050
105	56	1.910	1.955	0.045
105	57	1.914	1.923	0.009
105	58	1.961	1.927	-0.034
105	59	1.953	1.917	-0.036
105	60	1.941	1.923	-0.018
105	61	1.894	1.912	0.018
105	62	1.900	1.963	0.063
105	63	1.882	1.920	0.038
105	64	1.998	2.024	0.026
105	65	1.909	1.933	0.024
105	66	1.887	1.965	0.078
105	67	1.905	1.965	0.060
	Max	1.998	2.024	0.141
	Average	1.910	1.923	0.013
	Min	1.816	1.826	-0.127
	Std Dev	0.033	0.040	0.051



	5.3_IDD_DIS_12V	
Test Site		
Tester		
Test Number		
Max Limit	3	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	1.917	1.859	1.909	1.826	1.879	1.851	1.870	1.904	1.887	1.902	1.860
Average	1.924	1.895	1.928	1.857	1.904	1.899	1.917	1.950	1.938	1.938	1.941
Max	1.931	1.921	1.952	1.906	1.918	1.935	1.951	1.982	2.023	2.016	2.024
UL	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

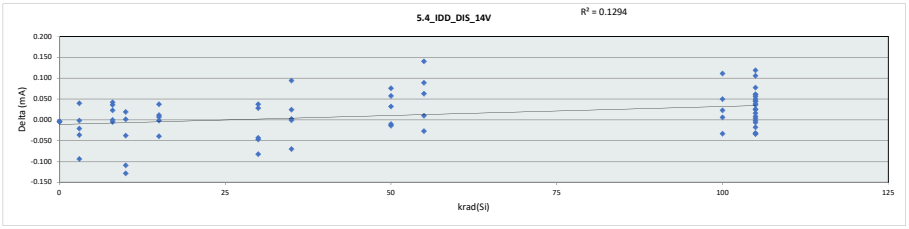


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

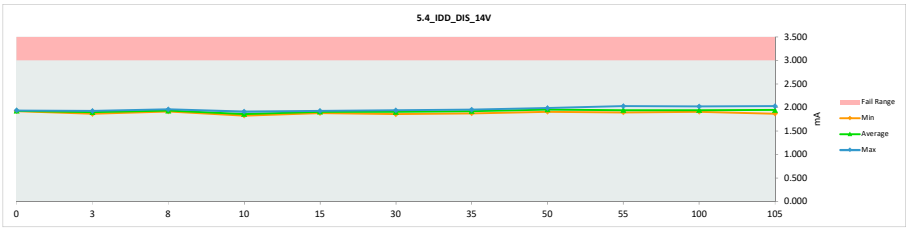
	5.4_IDD_DIS_14V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	2.8	3
Min Limit	1	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.939	1.934	-0.005
0	992	1.926	1.922	-0.004
0	993	1.932	1.929	-0.003
3	1	1.899	1.863	-0.036
3	2	1.886	1.926	0.040
3	3	1.908	1.887	-0.021
3	4	2.002	1.908	-0.094
3	5	1.913	1.911	-0.002
8	6	1.932	1.932	0.000
8	7	1.872	1.914	0.042
8	8	1.921	1.957	0.036
8	9	1.926	1.921	-0.005
8	10	1.912	1.935	0.023
10	11	1.891	1.910	0.019
10	12	1.885	1.847	-0.038
10	13	1.938	1.829	-0.109
10	14	1.882	1.883	0.001
10	15	1.959	1.831	-0.128
15	16	1.925	1.923	-0.002
15	17	1.891	1.902	0.011
15	18	1.921	1.882	-0.039
15	19	1.913	1.920	0.007
15	20	1.874	1.911	0.037
30	21	1.903	1.940	0.037
30	22	1.954	1.872	-0.082
30	23	1.896	1.924	0.028
30	24	1.968	1.925	-0.043
30	25	1.902	1.855	-0.047
35	26	1.944	1.874	-0.070
35	27	1.926	1.928	0.002
35	28	1.860	1.954	0.094
35	29	1.927	1.926	-0.001
35	30	1.895	1.919	0.024
50	31	1.910	1.986	0.076
50	32	1.913	1.970	0.057
50	33	1.932	1.964	0.032
50	34	1.918	1.908	-0.010
50	35	1.957	1.943	-0.014
55	36	1.919	1.929	0.010
55	37	1.938	2.027	0.089
55	38	1.920	1.893	-0.027
55	39	1.839	1.902	0.063
55	40	1.821	1.961	0.140
100	41	1.901	1.907	0.006
100	42	1.945	1.912	-0.033
100	43	1.918	1.941	0.023
100	44	1.908	2.019	0.111
100	45	1.885	1.935	0.050
105	46	1.911	1.947	0.036
105	47	1.899	1.867	-0.032
105	48	1.935	1.979	0.044
105	49	1.872	1.978	0.106
105	50	1.922	1.926	0.004
105	51	1.923	1.921	-0.002
105	52	1.859	1.915	0.056
105	53	1.854	1.973	0.119
105	54	1.918	1.912	-0.006
105	55	1.943	1.993	0.050
105	56	1.914	1.959	0.045
105	57	1.918	1.926	0.008
105	58	1.965	1.932	-0.033
105	59	1.957	1.923	-0.034
105	60	1.945	1.927	-0.018
105	61	1.900	1.916	0.016
105	62	1.905	1.966	0.061
105	63	1.887	1.925	0.038
105	64	2.002	2.028	0.026
105	65	1.913	1.937	0.024
105	66	1.891	1.968	0.077
105	67	1.909	1.969	0.060
	Max	2.002	2.028	0.140
	Average	1.914	1.927	0.013
	Min	1.821	1.829	-0.128
	Std Dev	0.033	0.040	0.051



	5.4_IDD_DIS_14V	
Test Site		
Tester		
Test Number		
Max Limit	3	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	1.922	1.863	1.914	1.829	1.882	1.855	1.874	1.908	1.893	1.907	1.867
Average	1.928	1.899	1.932	1.860	1.908	1.903	1.920	1.954	1.942	1.943	1.945
Max	1.934	1.926	1.957	1.910	1.923	1.940	1.954	1.986	2.027	2.019	2.028
UL	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000

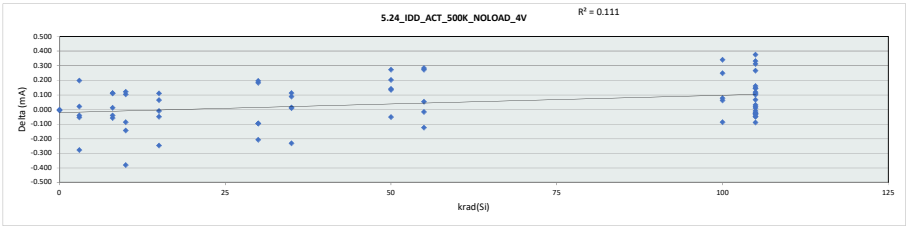


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

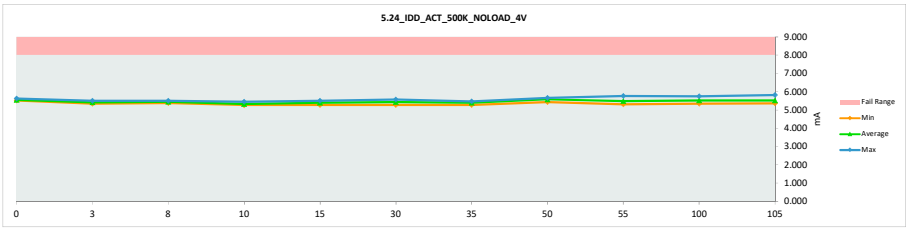
	5.24_IDD_ACT_500K_NOLOAD_4V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	7.8	8
Min Limit	2	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.558	5.552	-0.006
0	992	5.522	5.518	-0.004
0	993	5.631	5.628	-0.003
3	1	5.411	5.356	-0.055
3	2	5.258	5.456	0.198
3	3	5.427	5.385	-0.042
3	4	5.667	5.390	-0.277
3	5	5.480	5.501	0.021
8	6	5.476	5.418	-0.058
8	7	5.366	5.378	0.012
8	8	5.540	5.499	-0.041
8	9	5.384	5.495	0.111
8	10	5.380	5.490	0.110
10	11	5.330	5.451	0.121
10	12	5.373	5.285	-0.088
10	13	5.413	5.268	-0.145
10	14	5.286	5.389	0.103
10	15	5.654	5.273	-0.381
15	16	5.513	5.503	-0.010
15	17	5.321	5.384	0.063
15	18	5.533	5.285	-0.248
15	19	5.454	5.403	-0.051
15	20	5.322	5.432	0.110
30	21	5.387	5.570	0.183
30	22	5.506	5.297	-0.209
30	23	5.366	5.562	0.196
30	24	5.542	5.445	-0.097
30	25	5.376	5.280	-0.096
35	26	5.514	5.283	-0.231
35	27	5.337	5.424	0.087
35	28	5.334	5.445	0.111
35	29	5.450	5.463	0.013
35	30	5.395	5.405	0.010
50	31	5.392	5.664	0.272
50	32	5.490	5.630	0.140
50	33	5.425	5.627	0.202
50	34	5.399	5.533	0.134
50	35	5.493	5.441	-0.052
55	36	5.490	5.473	-0.017
55	37	5.495	5.767	0.272
55	38	5.463	5.339	-0.124
55	39	5.264	5.316	0.052
55	40	5.242	5.524	0.282
100	41	5.408	5.470	0.062
100	42	5.433	5.346	-0.087
100	43	5.481	5.557	0.076
100	44	5.403	5.744	0.341
100	45	5.284	5.533	0.249
105	46	5.386	5.531	0.145
105	47	5.413	5.362	-0.051
105	48	5.561	5.580	0.019
105	49	5.317	5.582	0.265
105	50	5.495	5.472	-0.023
105	51	5.456	5.422	-0.034
105	52	5.307	5.407	0.100
105	53	5.251	5.583	0.332
105	54	5.423	5.453	0.030
105	55	5.425	5.801	0.376
105	56	5.454	5.598	0.144
105	57	5.430	5.402	-0.028
105	58	5.575	5.642	0.067
105	59	5.515	5.489	-0.026
105	60	5.522	5.432	-0.090
105	61	5.462	5.470	0.008
105	62	5.380	5.498	0.118
105	63	5.328	5.489	0.161
105	64	5.708	5.818	0.110
105	65	5.469	5.421	-0.048
105	66	5.311	5.622	0.311
105	67	5.431	5.421	-0.010
	Max	5.708	5.818	0.376
	Average	5.433	5.477	0.044
	Min	5.242	5.268	-0.381
	Std Dev	0.100	0.124	0.151



	5.24_IDD_ACT_500K_NOLOAD	
Test Site		
Tester		
Test Number		
Max Limit	8	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	5.518	5.356	5.378	5.268	5.285	5.280	5.283	5.441	5.316	5.346	5.362
Average	5.566	5.418	5.456	5.333	5.401	5.431	5.404	5.579	5.484	5.530	5.523
Max	5.628	5.501	5.499	5.451	5.503	5.570	5.463	5.664	5.767	5.744	5.818
UL	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000

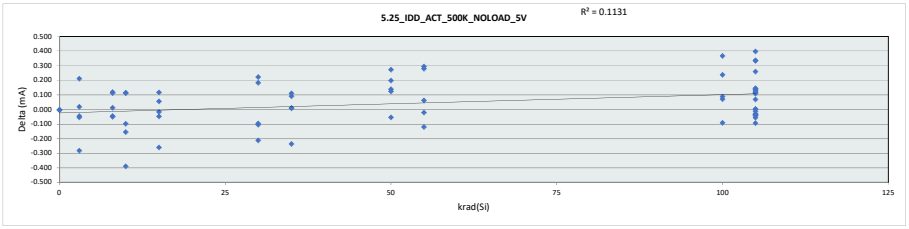


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

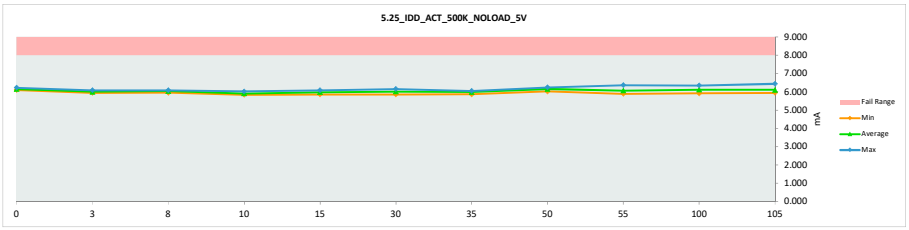
	5.25_IDD_ACT_500K_NOLOAD_5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	7.8	8
Min Limit	2	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	6.144	6.142	-0.002
0	992	6.105	6.100	-0.005
0	993	6.224	6.219	-0.005
3	1	5.991	5.936	-0.055
3	2	5.830	6.040	0.210
3	3	6.006	5.961	-0.045
3	4	6.252	5.970	-0.282
3	5	6.065	6.083	0.018
8	6	6.052	6.002	-0.050
8	7	5.941	5.952	0.011
8	8	6.121	6.076	-0.045
8	9	5.958	6.076	0.118
8	10	5.963	6.074	0.111
10	11	5.907	6.020	0.113
10	12	5.951	5.852	-0.099
10	13	5.992	5.837	-0.155
10	14	5.851	5.966	0.115
10	15	6.234	5.844	-0.390
15	16	6.099	6.081	-0.018
15	17	5.899	5.955	0.056
15	18	6.115	5.855	-0.260
15	19	6.032	5.985	-0.047
15	20	5.901	6.017	0.116
30	21	5.962	6.144	0.182
30	22	6.081	5.868	-0.213
30	23	5.930	6.152	0.222
30	24	6.129	6.025	-0.104
30	25	5.952	5.856	-0.096
35	26	6.097	5.861	-0.236
35	27	5.912	6.002	0.090
35	28	5.917	6.026	0.109
35	29	6.033	6.042	0.009
35	30	5.973	5.981	0.008
50	31	5.970	6.241	0.271
50	32	6.072	6.210	0.138
50	33	6.008	6.205	0.197
50	34	5.972	6.095	0.123
50	35	6.075	6.020	-0.055
55	36	6.070	6.049	-0.021
55	37	6.079	6.357	0.278
55	38	6.035	5.915	-0.120
55	39	5.829	5.891	0.062
55	40	5.813	6.106	0.293
100	41	5.984	6.054	0.070
100	42	6.008	5.917	-0.091
100	43	6.059	6.146	0.087
100	44	5.977	6.343	0.366
100	45	5.859	6.095	0.236
105	46	5.969	6.110	0.141
105	47	5.993	5.937	-0.056
105	48	6.144	6.146	0.002
105	49	5.887	6.146	0.259
105	50	6.087	6.050	-0.037
105	51	6.040	6.000	-0.040
105	52	5.879	5.987	0.108
105	53	5.826	6.160	0.334
105	54	6.000	6.068	0.068
105	55	6.003	6.401	0.398
105	56	6.032	6.177	0.145
105	57	6.010	5.979	-0.031
105	58	6.151	6.269	0.118
105	59	6.098	6.065	-0.033
105	60	6.106	6.012	-0.094
105	61	6.038	6.040	0.002
105	62	5.957	6.075	0.118
105	63	5.904	6.033	0.129
105	64	6.295	6.433	0.138
105	65	6.047	6.004	-0.043
105	66	5.884	6.220	0.336
105	67	6.012	5.999	-0.013
	Max	6.295	6.433	0.398
	Average	6.011	6.056	0.045
	Min	5.813	5.837	-0.390
	Std Dev	0.104	0.130	0.156



	5.25_IDD_ACT_500K_NOLOAD
Test Site	
Tester	
Test Number	
Max Limit	8 mA
Min Limit	mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	6.100	5.936	5.952	5.837	5.855	5.856	5.861	6.020	5.891	5.917	5.937
Average	6.154	5.998	6.036	5.904	5.979	6.009	5.982	6.154	6.064	6.111	6.105
Max	6.219	6.083	6.076	6.020	6.081	6.152	6.042	6.241	6.357	6.343	6.433
UL	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000

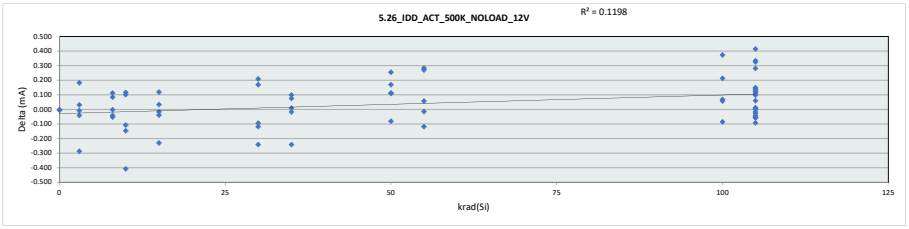


HDR TID Report
TPS7H5001-SP QMLP

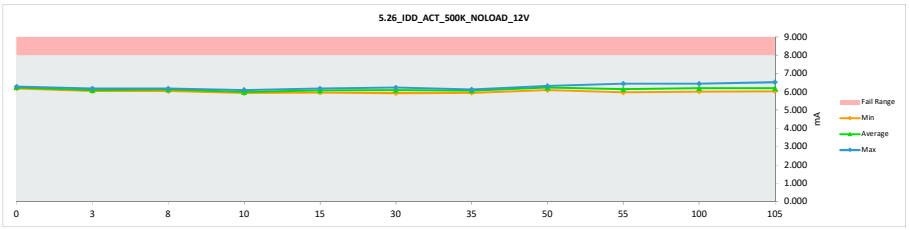
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.26_IDD_ACT_500K_NOLOAD_12V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	7.8	8
Min Limit	2	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	6.235	6.230	-0.005
0	992	6.187	6.183	-0.004
0	993	6.287	6.284	-0.003
3	1	6.070	6.029	-0.041
3	2	5.932	6.115	0.183
3	3	6.072	6.064	-0.008
3	4	6.343	6.057	-0.286
3	5	6.145	6.175	0.030
8	6	6.151	6.099	-0.052
8	7	6.031	6.028	-0.003
8	8	6.210	6.169	-0.041
8	9	6.064	6.147	0.083
8	10	6.055	6.166	0.111
10	11	5.994	6.096	0.102
10	12	6.037	5.929	-0.108
10	13	6.076	5.930	-0.146
10	14	5.927	6.044	0.117
10	15	6.340	5.932	-0.408
15	16	6.186	6.169	-0.017
15	17	6.001	6.034	0.033
15	18	6.185	5.955	-0.230
15	19	6.103	6.063	-0.040
15	20	5.981	6.099	0.118
30	21	6.052	6.221	0.169
30	22	6.177	5.936	-0.241
30	23	6.020	6.229	0.209
30	24	6.216	6.123	-0.093
30	25	6.040	5.923	-0.117
35	26	6.176	5.936	-0.240
35	27	6.003	6.077	0.074
35	28	6.009	6.107	0.098
35	29	6.109	6.117	0.008
35	30	6.075	6.057	-0.018
50	31	6.056	6.311	0.255
50	32	6.166	6.279	0.113
50	33	6.105	6.273	0.168
50	34	6.053	6.162	0.109
50	35	6.165	6.084	-0.081
55	36	6.141	6.127	-0.014
55	37	6.171	6.441	0.270
55	38	6.114	5.996	-0.118
55	39	5.906	5.963	0.057
55	40	5.904	6.186	0.282
100	41	6.062	6.130	0.068
100	42	6.091	6.005	-0.086
100	43	6.147	6.204	0.057
100	44	6.058	6.431	0.373
100	45	5.959	6.172	0.213
105	46	6.047	6.197	0.150
105	47	6.080	6.024	-0.056
105	48	6.228	6.240	0.012
105	49	5.964	6.244	0.280
105	50	6.162	6.134	-0.028
105	51	6.137	6.081	-0.056
105	52	5.951	6.061	0.110
105	53	5.901	6.234	0.333
105	54	6.077	6.137	0.060
105	55	6.085	6.500	0.415
105	56	6.113	6.252	0.139
105	57	6.089	6.072	-0.017
105	58	6.244	6.340	0.096
105	59	6.175	6.131	-0.044
105	60	6.176	6.085	-0.091
105	61	6.110	6.118	0.008
105	62	6.032	6.153	0.121
105	63	5.988	6.110	0.122
105	64	6.382	6.519	0.137
105	65	6.131	6.079	-0.052
105	66	5.966	6.290	0.324
105	67	6.090	6.088	-0.002
	Max	6.382	6.519	0.415
	Average	6.096	6.137	0.041
	Min	5.901	5.923	-0.408
	Std Dev	0.104	0.130	0.154



	5.26_IDD_ACT_500K_NOLOAD										
Test Site											
Tester											
Test Number											
Max Limit	8	mA									
Min Limit		mA									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	6.183	6.029	6.028	5.929	5.955	5.923	5.936	6.084	5.963	6.005	6.024
Average	6.232	6.088	6.122	5.986	6.064	6.086	6.059	6.222	6.143	6.188	6.186
Max	6.284	6.175	6.169	6.096	6.169	6.229	6.117	6.311	6.441	6.431	6.519
UL	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000

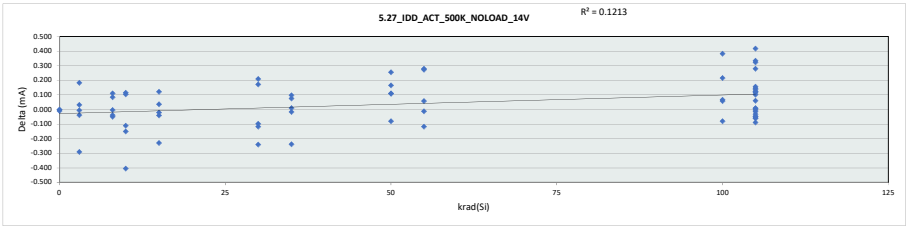


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

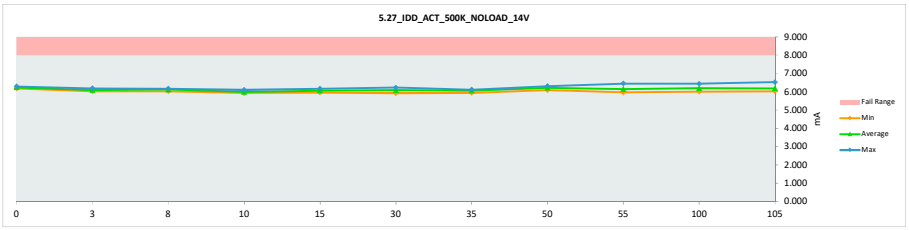
	5.27_IDD_ACT_500K_NOLOAD_14V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	7.8	8
Min Limit	2	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	6.242	6.232	-0.010
0	992	6.190	6.187	-0.003
0	993	6.289	6.287	-0.002
3	1	6.074	6.035	-0.039
3	2	5.937	6.120	0.183
3	3	6.074	6.067	-0.007
3	4	6.350	6.059	-0.291
3	5	6.151	6.183	0.032
8	6	6.154	6.104	-0.050
8	7	6.036	6.032	-0.004
8	8	6.212	6.172	-0.040
8	9	6.067	6.151	0.084
8	10	6.061	6.170	0.109
10	11	5.996	6.100	0.104
10	12	6.042	5.931	-0.111
10	13	6.083	5.931	-0.152
10	14	5.931	6.045	0.114
10	15	6.346	5.941	-0.405
15	16	6.193	6.172	-0.021
15	17	6.005	6.040	0.035
15	18	6.189	5.960	-0.229
15	19	6.108	6.067	-0.041
15	20	5.985	6.106	0.121
30	21	6.055	6.226	0.171
30	22	6.182	5.942	-0.240
30	23	6.022	6.231	0.209
30	24	6.222	6.124	-0.098
30	25	6.044	5.925	-0.119
35	26	6.179	5.941	-0.238
35	27	6.008	6.082	0.074
35	28	6.012	6.109	0.097
35	29	6.112	6.121	0.009
35	30	6.079	6.062	-0.017
50	31	6.059	6.314	0.255
50	32	6.172	6.281	0.109
50	33	6.111	6.276	0.165
50	34	6.058	6.165	0.107
50	35	6.171	6.091	-0.080
55	36	6.146	6.134	-0.012
55	37	6.173	6.444	0.271
55	38	6.117	5.999	-0.118
55	39	5.912	5.969	0.057
55	40	5.909	6.188	0.279
100	41	6.068	6.135	0.067
100	42	6.093	6.013	-0.080
100	43	6.151	6.209	0.058
100	44	6.058	6.440	0.382
100	45	5.962	6.177	0.215
105	46	6.049	6.205	0.156
105	47	6.083	6.025	-0.058
105	48	6.232	6.241	0.009
105	49	5.967	6.246	0.279
105	50	6.168	6.135	-0.033
105	51	6.141	6.081	-0.060
105	52	5.952	6.067	0.115
105	53	5.907	6.240	0.333
105	54	6.080	6.140	0.060
105	55	6.090	6.506	0.416
105	56	6.115	6.259	0.144
105	57	6.092	6.077	-0.015
105	58	6.245	6.345	0.100
105	59	6.180	6.133	-0.047
105	60	6.178	6.089	-0.089
105	61	6.114	6.118	0.004
105	62	6.037	6.159	0.122
105	63	5.991	6.114	0.123
105	64	6.387	6.525	0.138
105	65	6.133	6.085	-0.048
105	66	5.972	6.294	0.322
105	67	6.096	6.091	-0.005
	Max	6.387	6.525	0.416
	Average	6.100	6.141	0.041
	Min	5.907	5.925	-0.405
	Std Dev	0.104	0.130	0.155



	5.27_IDD_ACT_500K_NOLOAD	
Test Site		
Tester		
Test Number		
Max Limit	8	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	6.187	6.035	6.032	5.931	5.960	5.925	5.941	6.091	5.969	6.013	6.025
Average	6.235	6.093	6.126	5.990	6.069	6.090	6.063	6.225	6.147	6.195	6.190
Max	6.287	6.183	6.172	6.100	6.172	6.231	6.121	6.314	6.444	6.440	6.525
UL	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000

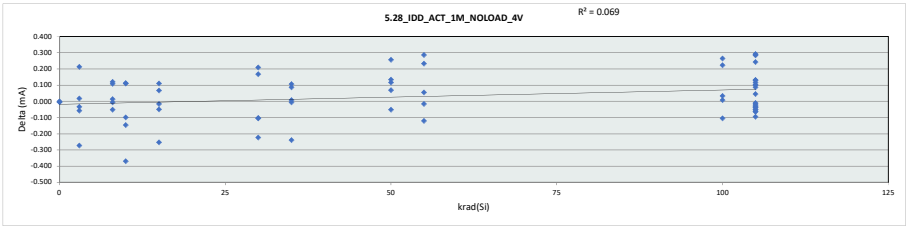


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

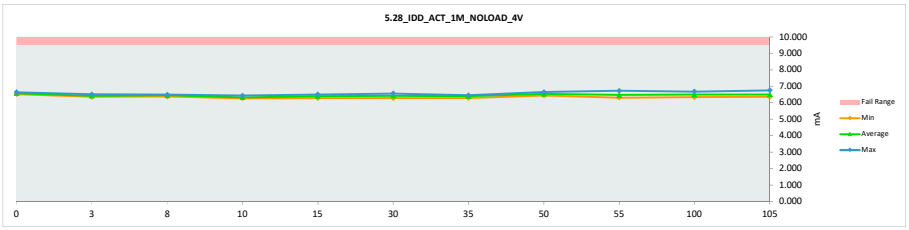
	5.28_IDD_ACT_1M_NOLOAD_4V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.1	9.5
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	6.569	6.565	-0.004
0	992	6.529	6.528	-0.001
0	993	6.643	6.639	-0.004
3	1	6.415	6.358	-0.057
3	2	6.252	6.465	0.213
3	3	6.419	6.385	-0.034
3	4	6.665	6.392	-0.273
3	5	6.488	6.505	0.017
8	6	6.472	6.420	-0.052
8	7	6.361	6.374	0.013
8	8	6.502	6.495	-0.007
8	9	6.375	6.495	0.120
8	10	6.382	6.490	0.108
10	11	6.328	6.438	0.110
10	12	6.372	6.273	-0.099
10	13	6.414	6.267	-0.147
10	14	6.272	6.384	0.112
10	15	6.642	6.272	-0.370
15	16	6.517	6.501	-0.016
15	17	6.320	6.386	0.066
15	18	6.530	6.278	-0.252
15	19	6.456	6.407	-0.049
15	20	6.324	6.434	0.110
30	21	6.380	6.548	0.168
30	22	6.510	6.286	-0.224
30	23	6.354	6.562	0.208
30	24	6.548	6.445	-0.103
30	25	6.380	6.276	-0.104
35	26	6.525	6.286	-0.239
35	27	6.342	6.429	0.087
35	28	6.337	6.443	0.106
35	29	6.458	6.451	-0.007
35	30	6.396	6.404	0.008
50	31	6.390	6.645	0.255
50	32	6.493	6.561	0.068
50	33	6.427	6.561	0.134
50	34	6.391	6.506	0.115
50	35	6.485	6.434	-0.051
55	36	6.487	6.470	-0.017
55	37	6.492	6.724	0.232
55	38	6.450	6.329	-0.121
55	39	6.254	6.308	0.054
55	40	6.239	6.525	0.286
100	41	6.403	6.410	0.007
100	42	6.436	6.332	-0.104
100	43	6.479	6.513	0.034
100	44	6.408	6.672	0.264
100	45	6.278	6.501	0.223
105	46	6.390	6.522	0.132
105	47	6.413	6.350	-0.063
105	48	6.562	6.546	-0.016
105	49	6.307	6.549	0.242
105	50	6.502	6.439	-0.063
105	51	6.455	6.419	-0.036
105	52	6.300	6.403	0.103
105	53	6.253	6.544	0.291
105	54	6.432	6.519	0.087
105	55	6.427	6.710	0.283
105	56	6.448	6.577	0.129
105	57	6.435	6.397	-0.038
105	58	6.558	6.533	-0.025
105	59	6.516	6.484	-0.032
105	60	6.520	6.424	-0.096
105	61	6.461	6.411	-0.050
105	62	6.381	6.496	0.115
105	63	6.323	6.424	0.101
105	64	6.707	6.751	0.044
105	65	6.470	6.418	-0.052
105	66	6.305	6.592	0.287
105	67	6.432	6.422	-0.010
	Max	6.707	6.751	0.291
	Average	6.431	6.461	0.030
	Min	6.239	6.267	-0.370
	Std Dev	0.101	0.110	0.142



	5.28_IDD_ACT_1M_NOLOAD_4	
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	6.528	6.358	6.374	6.267	6.278	6.276	6.286	6.434	6.308	6.332	6.350
Average	6.577	6.421	6.455	6.327	6.401	6.423	6.403	6.541	6.471	6.486	6.497
Max	6.639	6.505	6.495	6.438	6.501	6.562	6.451	6.645	6.724	6.672	6.751
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500

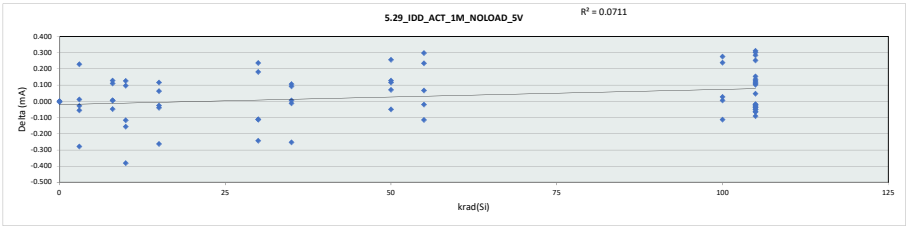


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

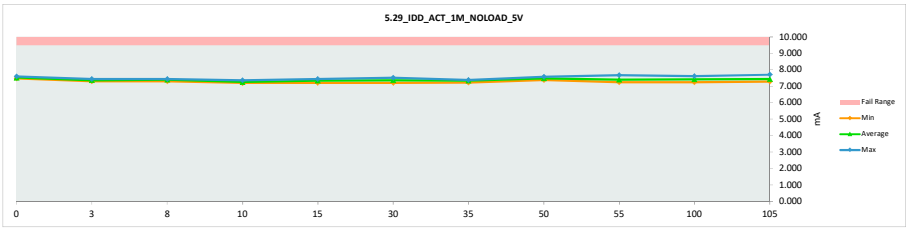
	5.29_IDD_ACT_1M_NOLOAD_5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.1	9.5
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.517	7.516	-0.001
0	992	7.472	7.473	0.001
0	993	7.594	7.590	-0.004
3	1	7.351	7.296	-0.055
3	2	7.179	7.407	0.228
3	3	7.351	7.323	-0.028
3	4	7.606	7.328	-0.278
3	5	7.434	7.446	0.012
8	6	7.408	7.361	-0.047
8	7	7.294	7.300	0.006
8	8	7.429	7.434	0.005
8	9	7.305	7.432	0.127
8	10	7.325	7.435	0.110
10	11	7.265	7.362	0.097
10	12	7.310	7.193	-0.117
10	13	7.352	7.196	-0.156
10	14	7.191	7.317	0.126
10	15	7.583	7.202	-0.381
15	16	7.463	7.436	-0.027
15	17	7.255	7.318	0.063
15	18	7.467	7.204	-0.263
15	19	7.391	7.352	-0.039
15	20	7.261	7.377	0.116
30	21	7.306	7.488	0.182
30	22	7.450	7.207	-0.243
30	23	7.278	7.515	0.237
30	24	7.491	7.380	-0.111
30	25	7.316	7.203	-0.113
35	26	7.470	7.217	-0.253
35	27	7.275	7.367	0.092
35	28	7.276	7.382	0.106
35	29	7.400	7.388	-0.012
35	30	7.334	7.340	0.006
50	31	7.326	7.582	0.256
50	32	7.431	7.502	0.071
50	33	7.370	7.498	0.128
50	34	7.322	7.437	0.115
50	35	7.426	7.376	-0.050
55	36	7.426	7.405	-0.021
55	37	7.435	7.670	0.235
55	38	7.376	7.261	-0.115
55	39	7.170	7.237	0.067
55	40	7.169	7.466	0.297
100	41	7.337	7.343	0.006
100	42	7.367	7.254	-0.113
100	43	7.415	7.442	0.027
100	44	7.340	7.615	0.275
100	45	7.209	7.447	0.238
105	46	7.331	7.457	0.126
105	47	7.356	7.291	-0.065
105	48	7.503	7.479	-0.024
105	49	7.230	7.482	0.252
105	50	7.450	7.386	-0.064
105	51	7.394	7.360	-0.034
105	52	7.227	7.338	0.111
105	53	7.184	7.485	0.301
105	54	7.370	7.523	0.153
105	55	7.365	7.649	0.284
105	56	7.385	7.521	0.136
105	57	7.373	7.335	-0.038
105	58	7.492	7.471	-0.021
105	59	7.458	7.423	-0.035
105	60	7.457	7.365	-0.092
105	61	7.392	7.342	-0.050
105	62	7.318	7.435	0.117
105	63	7.254	7.357	0.103
105	64	7.657	7.704	0.047
105	65	7.405	7.356	-0.049
105	66	7.234	7.545	0.311
105	67	7.375	7.356	-0.019
	Max	7.657	7.704	0.311
	Average	7.368	7.400	0.032
	Min	7.169	7.193	-0.381
	Std Dev	0.106	0.116	0.148



	5.29_IDD_ACT_1M_NOLOAD_5	
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.473	7.296	7.300	7.193	7.204	7.203	7.217	7.376	7.237	7.254	7.291
Average	7.526	7.360	7.392	7.254	7.337	7.359	7.339	7.479	7.408	7.420	7.439
Max	7.590	7.446	7.435	7.362	7.436	7.515	7.388	7.582	7.670	7.615	7.704
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500

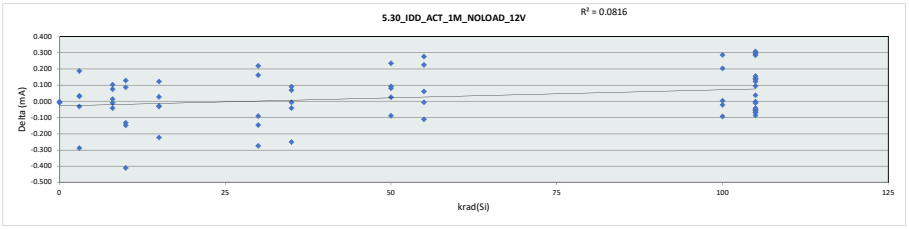


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

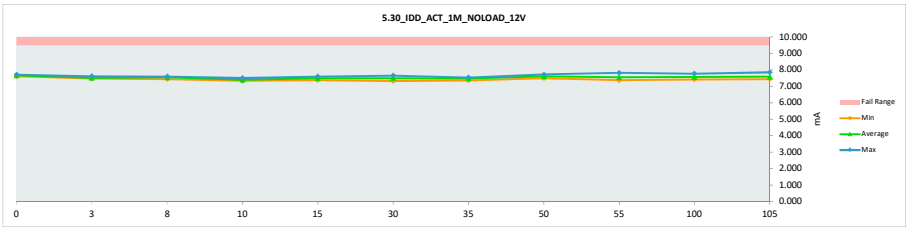
	5.30_IDD_ACT_1M_NOLOAD_12V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.1	9.5
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.673	7.668	-0.005
0	992	7.617	7.614	-0.003
0	993	7.712	7.703	-0.009
3	1	7.493	7.461	-0.032
3	2	7.355	7.542	0.187
3	3	7.468	7.499	0.031
3	4	7.768	7.480	-0.288
3	5	7.575	7.608	0.033
8	6	7.575	7.533	-0.042
8	7	7.450	7.440	-0.010
8	8	7.580	7.594	0.014
8	9	7.484	7.558	0.074
8	10	7.485	7.588	0.103
10	11	7.413	7.499	0.086
10	12	7.461	7.328	-0.133
10	13	7.500	7.351	-0.149
10	14	7.327	7.454	0.127
10	15	7.768	7.357	-0.411
15	16	7.619	7.589	-0.030
15	17	7.429	7.457	0.028
15	18	7.596	7.373	-0.223
15	19	7.514	7.483	-0.031
15	20	7.403	7.524	0.121
30	21	7.463	7.624	0.161
30	22	7.610	7.336	-0.274
30	23	7.426	7.645	0.219
30	24	7.641	7.549	-0.092
30	25	7.468	7.322	-0.146
35	26	7.608	7.358	-0.250
35	27	7.434	7.502	0.068
35	28	7.438	7.528	0.090
35	29	7.534	7.528	-0.006
35	30	7.509	7.468	-0.041
50	31	7.479	7.713	0.234
50	32	7.595	7.620	0.025
50	33	7.539	7.619	0.080
50	34	7.466	7.559	0.093
50	35	7.585	7.496	-0.089
55	36	7.551	7.544	-0.007
55	37	7.590	7.814	0.224
55	38	7.514	7.403	-0.111
55	39	7.307	7.367	0.060
55	40	7.328	7.604	0.276
100	41	7.473	7.477	0.004
100	42	7.509	7.416	-0.093
100	43	7.569	7.547	-0.022
100	44	7.480	7.765	0.285
100	45	7.381	7.583	0.202
105	46	7.469	7.611	0.142
105	47	7.503	7.435	-0.068
105	48	7.650	7.648	-0.002
105	49	7.363	7.646	0.283
105	50	7.589	7.535	-0.054
105	51	7.561	7.492	-0.069
105	52	7.351	7.472	0.121
105	53	7.320	7.614	0.294
105	54	7.503	7.659	0.156
105	55	7.507	7.815	0.308
105	56	7.521	7.660	0.139
105	57	7.510	7.500	-0.010
105	58	7.648	7.590	-0.058
105	59	7.590	7.537	-0.053
105	60	7.583	7.496	-0.087
105	61	7.516	7.474	-0.042
105	62	7.444	7.577	0.133
105	63	7.400	7.494	0.094
105	64	7.808	7.846	0.038
105	65	7.548	7.496	-0.052
105	66	7.376	7.672	0.296
105	67	7.513	7.506	-0.007
	Max	7.808	7.846	0.308
	Average	7.515	7.541	0.026
	Min	7.307	7.322	-0.411
	Std Dev	0.107	0.115	0.147



	5.30_IDD_ACT_1M_NOLOAD_1	
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.614	7.461	7.440	7.328	7.373	7.322	7.358	7.496	7.367	7.416	7.435
Average	7.662	7.518	7.543	7.398	7.485	7.495	7.477	7.601	7.546	7.558	7.581
Max	7.703	7.608	7.594	7.499	7.589	7.645	7.528	7.713	7.814	7.765	7.846
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500

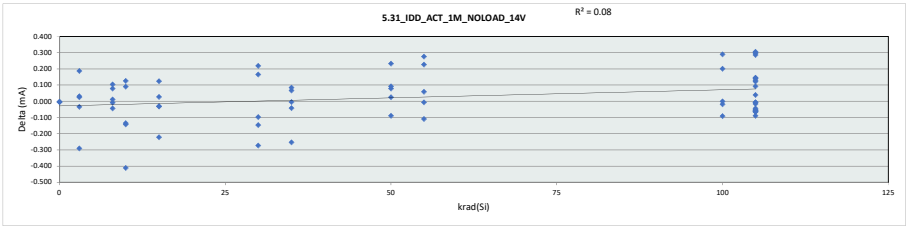


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

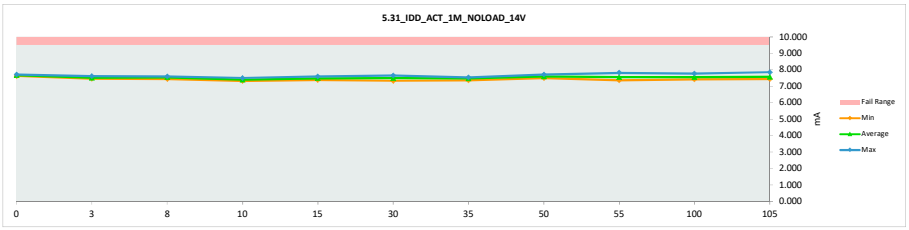
	5.31_IDD_ACT_1M_NOLOAD_14V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.1	9.5
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.677	7.673	-0.004
0	992	7.620	7.618	-0.002
0	993	7.712	7.708	-0.004
3	1	7.497	7.463	-0.034
3	2	7.359	7.546	0.187
3	3	7.476	7.502	0.026
3	4	7.772	7.482	-0.290
3	5	7.579	7.611	0.032
8	6	7.578	7.535	-0.043
8	7	7.453	7.444	-0.009
8	8	7.586	7.598	0.012
8	9	7.486	7.564	0.078
8	10	7.489	7.593	0.104
10	11	7.414	7.504	0.090
10	12	7.467	7.332	-0.135
10	13	7.499	7.356	-0.143
10	14	7.331	7.457	0.126
10	15	7.774	7.364	-0.410
15	16	7.622	7.591	-0.031
15	17	7.433	7.461	0.028
15	18	7.601	7.379	-0.222
15	19	7.521	7.489	-0.032
15	20	7.406	7.529	0.123
30	21	7.465	7.630	0.165
30	22	7.612	7.339	-0.273
30	23	7.431	7.650	0.219
30	24	7.648	7.550	-0.098
30	25	7.474	7.328	-0.146
35	26	7.612	7.360	-0.252
35	27	7.438	7.504	0.066
35	28	7.444	7.529	0.085
35	29	7.538	7.534	-0.004
35	30	7.513	7.472	-0.041
50	31	7.483	7.716	0.233
50	32	7.598	7.624	0.026
50	33	7.542	7.620	0.078
50	34	7.469	7.562	0.093
50	35	7.590	7.501	-0.089
55	36	7.554	7.548	-0.006
55	37	7.593	7.819	0.226
55	38	7.516	7.407	-0.109
55	39	7.312	7.370	0.058
55	40	7.333	7.609	0.276
100	41	7.478	7.478	0.000
100	42	7.514	7.423	-0.091
100	43	7.572	7.553	-0.019
100	44	7.484	7.774	0.290
100	45	7.384	7.585	0.201
105	46	7.471	7.614	0.143
105	47	7.508	7.444	-0.064
105	48	7.656	7.650	-0.006
105	49	7.369	7.654	0.285
105	50	7.595	7.537	-0.058
105	51	7.565	7.500	-0.065
105	52	7.355	7.476	0.121
105	53	7.323	7.620	0.297
105	54	7.507	7.652	0.145
105	55	7.512	7.817	0.305
105	56	7.527	7.668	0.141
105	57	7.516	7.500	-0.016
105	58	7.653	7.591	-0.062
105	59	7.593	7.542	-0.051
105	60	7.588	7.499	-0.089
105	61	7.524	7.481	-0.043
105	62	7.448	7.577	0.129
105	63	7.404	7.497	0.093
105	64	7.813	7.852	0.039
105	65	7.551	7.496	-0.055
105	66	7.380	7.680	0.300
105	67	7.520	7.513	-0.007
	Max	7.813	7.852	0.305
	Average	7.519	7.545	0.026
	Min	7.312	7.328	-0.410
	Std Dev	0.107	0.115	0.147



	5.31_IDD_ACT_1M_NOLOAD_1	
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.618	7.463	7.444	7.332	7.379	7.328	7.360	7.501	7.370	7.423	7.444
Average	7.666	7.521	7.547	7.403	7.490	7.499	7.480	7.605	7.551	7.563	7.585
Max	7.708	7.611	7.598	7.504	7.591	7.650	7.534	7.716	7.819	7.774	7.852
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500

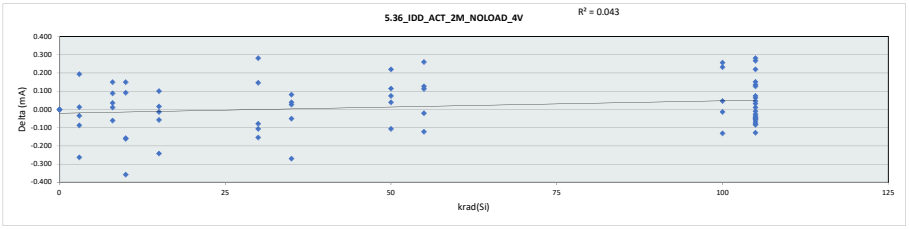


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

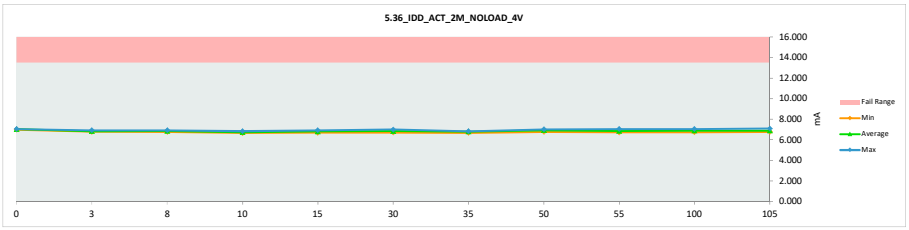
	5.36_IDD_ACT_2M_NOLOAD_4V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.5	13.5
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.045	7.044	-0.001
0	992	6.985	6.986	0.001
0	993	7.052	7.050	-0.002
3	1	6.828	6.794	-0.034
3	2	6.697	6.890	0.193
3	3	6.871	6.783	-0.088
3	4	7.052	6.789	-0.263
3	5	6.906	6.919	0.013
8	6	6.850	6.861	0.011
8	7	6.821	6.759	-0.062
8	8	6.856	6.892	0.036
8	9	6.776	6.864	0.088
8	10	6.781	6.930	0.149
10	11	6.743	6.834	0.091
10	12	6.820	6.659	-0.161
10	13	6.835	6.677	-0.158
10	14	6.667	6.816	0.149
10	15	7.040	6.683	-0.357
15	16	6.928	6.915	-0.013
15	17	6.760	6.776	0.016
15	18	6.928	6.687	-0.241
15	19	6.878	6.821	-0.057
15	20	6.771	6.871	0.100
30	21	6.791	6.937	0.146
30	22	6.887	6.733	-0.154
30	23	6.720	7.000	0.280
30	24	6.937	6.859	-0.078
30	25	6.808	6.701	-0.107
35	26	6.949	6.679	-0.270
35	27	6.758	6.838	0.080
35	28	6.776	6.815	0.039
35	29	6.878	6.827	-0.051
35	30	6.794	6.820	0.026
50	31	6.788	7.008	0.220
50	32	6.901	6.940	0.039
50	33	6.868	6.942	0.074
50	34	6.777	6.891	0.114
50	35	6.883	6.776	-0.107
55	36	6.857	6.836	-0.021
55	37	6.933	7.045	0.112
55	38	6.845	6.723	-0.122
55	39	6.645	6.772	0.127
55	40	6.660	6.920	0.260
100	41	6.825	6.812	-0.013
100	42	6.868	6.737	-0.131
100	43	6.895	6.941	0.046
100	44	6.799	7.055	0.256
100	45	6.690	6.922	0.232
105	46	6.815	6.878	0.063
105	47	6.861	6.824	-0.037
105	48	6.957	6.904	-0.053
105	49	6.769	6.904	0.135
105	50	6.949	6.821	-0.128
105	51	6.885	6.804	-0.081
105	52	6.739	6.813	0.074
105	53	6.656	6.936	0.280
105	54	6.846	6.762	-0.084
105	55	6.808	7.074	0.266
105	56	6.830	6.981	0.151
105	57	6.845	6.835	-0.010
105	58	6.909	6.920	0.011
105	59	6.900	6.857	-0.043
105	60	6.907	6.850	-0.057
105	61	6.880	6.810	-0.070
105	62	6.741	6.868	0.127
105	63	6.746	6.778	0.032
105	64	7.047	7.092	0.045
105	65	6.864	6.838	-0.026
105	66	6.778	6.997	0.219
105	67	6.859	6.811	-0.048
	Max	7.052	7.092	0.280
	Average	6.843	6.860	0.017
	Min	6.645	6.659	-0.357
	Std Dev	0.096	0.103	0.136



	5.36_IDD_ACT_2M_NOLOAD_4	
Test Site		
Tester		
Test Number		
Max Limit	13.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	6.986	6.783	6.759	6.659	6.687	6.701	6.679	6.776	6.723	6.737	6.762
Average	7.027	6.835	6.861	6.734	6.814	6.846	6.796	6.911	6.859	6.893	6.880
Max	7.050	6.919	6.930	6.834	6.915	7.000	6.838	7.008	7.045	7.055	7.092
UL	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500

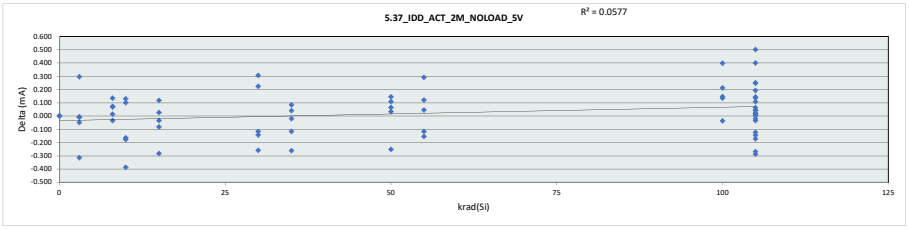


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

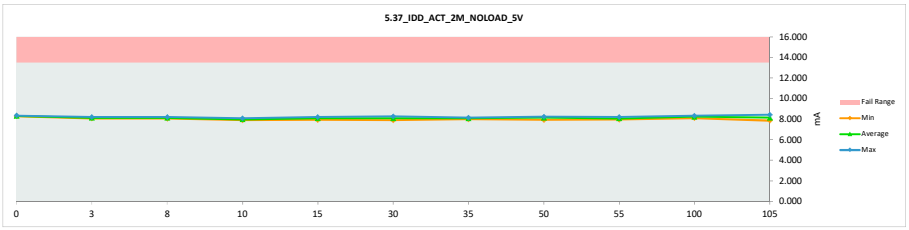
	5.37_IDD_ACT_2M_NOLOAD_5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	12	13.5
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.324	8.325	0.001
0	992	8.290	8.291	0.001
0	993	8.343	8.343	0.000
3	1	8.114	8.066	-0.048
3	2	7.912	8.209	0.297
3	3	8.098	8.089	-0.009
3	4	8.400	8.086	-0.314
3	5	8.213	8.207	-0.006
8	6	8.152	8.119	-0.033
8	7	8.043	8.057	0.014
8	8	8.127	8.196	0.069
8	9	8.021	8.156	0.135
8	10	8.065	8.136	0.071
10	11	7.990	8.092	0.102
10	12	8.051	7.887	-0.164
10	13	8.116	7.939	-0.177
10	14	7.927	8.057	0.130
10	15	8.333	7.947	-0.386
15	16	8.234	8.199	-0.035
15	17	7.996	8.023	0.027
15	18	8.213	7.930	-0.283
15	19	8.181	8.098	-0.083
15	20	7.990	8.109	0.119
30	21	8.006	8.231	0.225
30	22	8.159	7.900	-0.259
30	23	7.960	8.265	0.305
30	24	8.219	8.103	-0.116
30	25	8.049	7.906	-0.143
35	26	8.243	7.983	-0.260
35	27	8.051	8.134	0.083
35	28	8.041	8.082	0.041
35	29	8.201	8.085	-0.116
35	30	8.101	8.082	-0.019
50	31	8.086	8.231	0.145
50	32	8.189	8.222	0.033
50	33	8.124	8.231	0.107
50	34	8.080	8.145	0.065
50	35	8.188	7.937	-0.251
55	36	8.151	8.034	-0.117
55	37	8.136	8.181	0.045
55	38	8.105	7.951	-0.154
55	39	7.861	7.981	0.120
55	40	7.910	8.201	0.291
100	41	8.082	8.229	0.147
100	42	8.138	8.101	-0.037
100	43	8.167	8.302	0.135
100	44	8.064	8.277	0.213
100	45	7.929	8.327	0.398
105	46	8.077	8.043	-0.034
105	47	8.085	8.128	0.043
105	48	8.264	8.093	-0.171
105	49	7.908	8.100	0.192
105	50	8.215	7.928	-0.287
105	51	8.125	7.856	-0.269
105	52	7.952	8.202	0.250
105	53	7.954	8.355	0.401
105	54	8.160	8.165	0.005
105	55	8.120	8.264	0.144
105	56	8.127	8.374	0.247
105	57	8.139	8.182	0.043
105	58	8.193	8.300	0.107
105	59	8.207	8.061	-0.146
105	60	8.204	8.212	0.008
105	61	8.137	8.159	0.022
105	62	7.948	8.084	0.136
105	63	7.955	7.936	-0.019
105	64	8.223	8.244	0.021
105	65	8.147	8.209	0.062
105	66	7.930	8.431	0.501
105	67	8.122	7.999	-0.123
	Max	8.400	8.431	0.501
	Average	8.108	8.129	0.021
	Min	7.861	7.856	-0.386
	Std Dev	0.117	0.132	0.179



	5.37_IDD_ACT_2M_NOLOAD_5	
Test Site		
Tester		
Test Number		
Max Limit	13.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.291	8.066	8.057	7.887	7.930	7.900	7.983	7.937	7.951	8.101	7.856
Average	8.320	8.131	8.133	7.984	8.072	8.081	8.073	8.153	8.070	8.247	8.151
Max	8.343	8.209	8.196	8.092	8.199	8.265	8.134	8.231	8.201	8.327	8.431
UL	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500

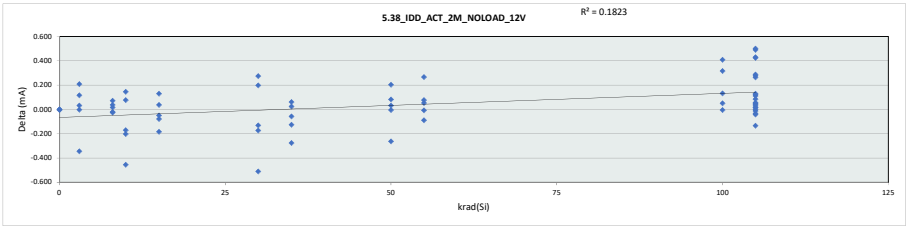


HDR TID Report
TPS7H5001-SP QMLP

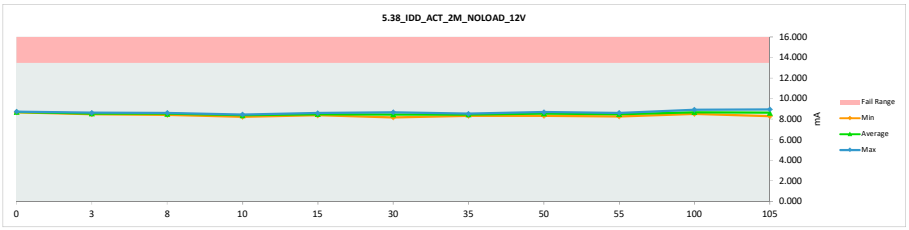
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.38_IDD_ACT_2M_NOLOAD_12V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	12	13.5
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.727	8.727	0.000
0	992	8.660	8.660	0.000
0	993	8.728	8.723	-0.005
3	1	8.490	8.489	-0.001
3	2	8.362	8.571	0.209
3	3	8.434	8.551	0.117
3	4	8.826	8.481	-0.345
3	5	8.586	8.619	0.033
8	6	8.571	8.550	-0.021
8	7	8.450	8.424	-0.026
8	8	8.587	8.602	0.015
8	9	8.476	8.514	0.038
8	10	8.470	8.541	0.071
10	11	8.376	8.452	0.076
10	12	8.445	8.244	-0.201
10	13	8.506	8.336	-0.170
10	14	8.288	8.433	0.145
10	15	8.803	8.348	-0.455
15	16	8.640	8.590	-0.050
15	17	8.444	8.480	0.036
15	18	8.553	8.369	-0.184
15	19	8.527	8.449	-0.078
15	20	8.362	8.492	0.130
30	21	8.407	8.605	0.198
30	22	8.680	8.170	-0.510
30	23	8.384	8.659	0.275
30	24	8.662	8.530	-0.132
30	25	8.446	8.273	-0.173
35	26	8.613	8.336	-0.277
35	27	8.452	8.476	0.024
35	28	8.466	8.528	0.062
35	29	8.562	8.505	-0.057
35	30	8.562	8.435	-0.127
50	31	8.478	8.681	0.203
50	32	8.601	8.596	-0.005
50	33	8.560	8.593	0.033
50	34	8.451	8.534	0.083
50	35	8.592	8.330	-0.262
55	36	8.510	8.503	-0.007
55	37	8.536	8.612	0.076
55	38	8.472	8.382	-0.090
55	39	8.220	8.274	0.054
55	40	8.319	8.584	0.265
100	41	8.457	8.589	0.132
100	42	8.522	8.517	-0.005
100	43	8.565	8.614	0.049
100	44	8.511	8.918	0.407
100	45	8.377	8.692	0.315
105	46	8.440	8.703	0.263
105	47	8.472	8.460	-0.012
105	48	8.642	8.753	0.111
105	49	8.266	8.756	0.490
105	50	8.584	8.632	0.048
105	51	8.562	8.577	0.015
105	52	8.296	8.572	0.276
105	53	8.309	8.734	0.425
105	54	8.500	8.499	-0.001
105	55	8.520	8.948	0.428
105	56	8.494	8.782	0.288
105	57	8.497	8.619	0.122
105	58	8.632	8.646	0.014
105	59	8.559	8.426	-0.133
105	60	8.535	8.565	0.030
105	61	8.482	8.525	0.043
105	62	8.399	8.484	0.085
105	63	8.341	8.306	-0.035
105	64	8.710	8.667	-0.043
105	65	8.524	8.579	0.055
105	66	8.306	8.805	0.499
105	67	8.500	8.628	0.128
	Max	8.826	8.948	0.499
	Average	8.504	8.546	0.042
	Min	8.220	8.170	-0.510
	Std Dev	0.124	0.150	0.194



	5.38_IDD_ACT_2M_NOLOAD_1										
Test Site											
Tester											
Test Number											
Max Limit	13.5	mA									
Min Limit		mA									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.660	8.481	8.424	8.244	8.369	8.170	8.336	8.330	8.274	8.517	8.306
Average	8.703	8.542	8.526	8.363	8.476	8.447	8.456	8.547	8.471	8.666	8.621
Max	8.727	8.619	8.602	8.452	8.590	8.659	8.528	8.681	8.612	8.918	8.948
UL	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500

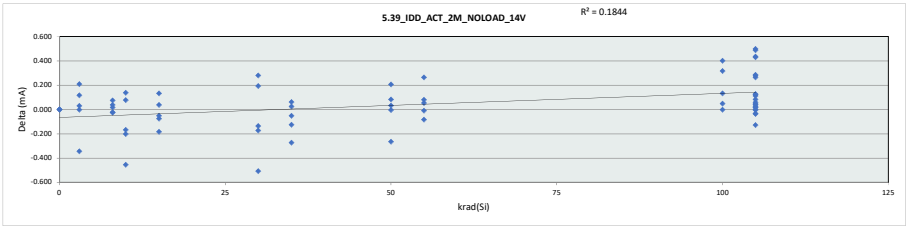


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

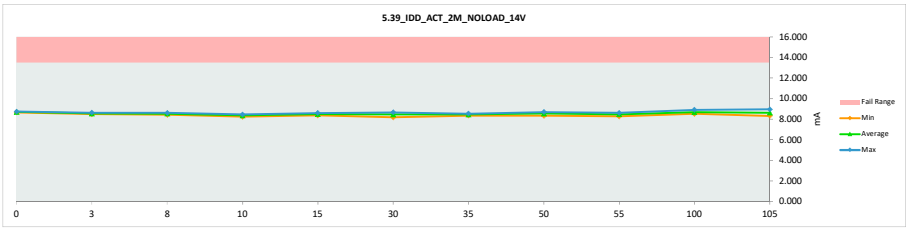
	5.39_IDD_ACT_2M_NOLOAD_14V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	12	13.5
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.733	8.734	0.001
0	992	8.664	8.663	-0.001
0	993	8.729	8.730	0.001
3	1	8.494	8.491	-0.003
3	2	8.367	8.575	0.208
3	3	8.440	8.556	0.116
3	4	8.829	8.485	-0.344
3	5	8.593	8.623	0.030
8	6	8.577	8.553	-0.024
8	7	8.455	8.429	-0.026
8	8	8.590	8.607	0.017
8	9	8.480	8.518	0.038
8	10	8.474	8.547	0.073
10	11	8.381	8.457	0.076
10	12	8.447	8.244	-0.203
10	13	8.510	8.342	-0.168
10	14	8.297	8.434	0.137
10	15	8.807	8.353	-0.454
15	16	8.644	8.592	-0.052
15	17	8.447	8.485	0.038
15	18	8.557	8.372	-0.185
15	19	8.533	8.457	-0.076
15	20	8.367	8.500	0.133
30	21	8.412	8.605	0.193
30	22	8.685	8.178	-0.507
30	23	8.389	8.667	0.278
30	24	8.668	8.532	-0.136
30	25	8.451	8.278	-0.173
35	26	8.618	8.346	-0.272
35	27	8.458	8.481	0.023
35	28	8.470	8.532	0.062
35	29	8.566	8.513	-0.053
35	30	8.566	8.440	-0.126
50	31	8.482	8.687	0.205
50	32	8.606	8.601	-0.005
50	33	8.563	8.595	0.032
50	34	8.456	8.539	0.083
50	35	8.597	8.333	-0.264
55	36	8.517	8.507	-0.010
55	37	8.541	8.620	0.079
55	38	8.472	8.387	-0.085
55	39	8.223	8.276	0.053
55	40	8.326	8.590	0.264
100	41	8.459	8.592	0.133
100	42	8.524	8.522	-0.002
100	43	8.568	8.616	0.048
100	44	8.517	8.916	0.399
100	45	8.379	8.694	0.315
105	46	8.445	8.709	0.264
105	47	8.474	8.474	0.000
105	48	8.647	8.758	0.111
105	49	8.272	8.759	0.487
105	50	8.591	8.636	0.045
105	51	8.564	8.584	0.020
105	52	8.300	8.576	0.276
105	53	8.312	8.740	0.428
105	54	8.504	8.499	-0.005
105	55	8.521	8.954	0.433
105	56	8.499	8.784	0.285
105	57	8.503	8.623	0.120
105	58	8.635	8.651	0.016
105	59	8.563	8.435	-0.128
105	60	8.543	8.569	0.026
105	61	8.486	8.526	0.040
105	62	8.402	8.485	0.083
105	63	8.345	8.312	-0.033
105	64	8.710	8.673	-0.037
105	65	8.528	8.585	0.057
105	66	8.311	8.809	0.498
105	67	8.504	8.630	0.126
	Max	8.829	8.954	0.498
	Average	8.508	8.551	0.043
	Min	8.223	8.178	-0.507
	Std Dev	0.124	0.150	0.193



	5.39_IDD_ACT_2M_NOLOAD_1	
Test Site		
Tester		
Test Number		
Max Limit	13.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.663	8.485	8.429	8.244	8.372	8.178	8.346	8.333	8.276	8.522	8.312
Average	8.709	8.546	8.531	8.366	8.481	8.452	8.462	8.551	8.476	8.668	8.626
Max	8.734	8.623	8.607	8.457	8.592	8.667	8.532	8.687	8.620	8.916	8.954
UL	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500	13.500

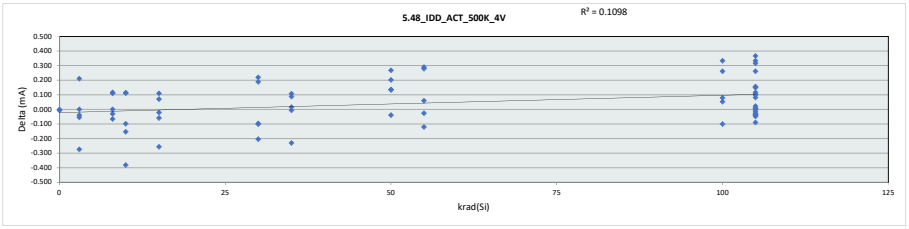


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

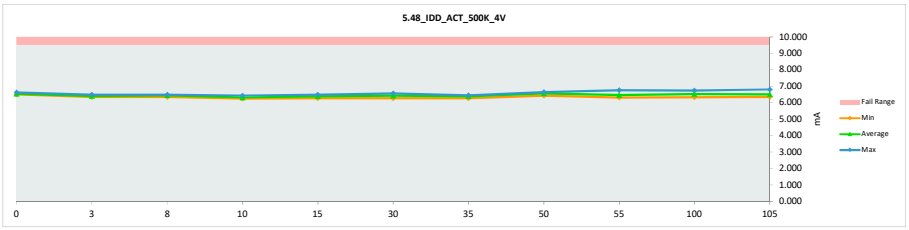
	5.48_IDD_ACT_500K_4V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.2	9.5
Min Limit	2	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	6.548	6.541	-0.007
0	992	6.505	6.502	-0.003
0	993	6.620	6.618	-0.002
3	1	6.404	6.350	-0.054
3	2	6.244	6.454	0.210
3	3	6.413	6.373	-0.040
3	4	6.655	6.381	-0.274
3	5	6.485	6.486	0.001
8	6	6.469	6.404	-0.065
8	7	6.354	6.355	0.001
8	8	6.511	6.480	-0.031
8	9	6.372	6.488	0.116
8	10	6.371	6.481	0.110
10	11	6.319	6.434	0.115
10	12	6.365	6.267	-0.098
10	13	6.408	6.254	-0.154
10	14	6.269	6.381	0.112
10	15	6.637	6.257	-0.380
15	16	6.508	6.487	-0.021
15	17	6.306	6.376	0.070
15	18	6.524	6.267	-0.257
15	19	6.452	6.394	-0.058
15	20	6.312	6.421	0.109
30	21	6.369	6.558	0.189
30	22	6.489	6.285	-0.204
30	23	6.342	6.561	0.219
30	24	6.533	6.436	-0.097
30	25	6.374	6.273	-0.101
35	26	6.508	6.278	-0.230
35	27	6.331	6.420	0.089
35	28	6.330	6.437	0.107
35	29	6.446	6.440	-0.006
35	30	6.384	6.399	0.015
50	31	6.382	6.650	0.268
50	32	6.477	6.614	0.137
50	33	6.411	6.613	0.202
50	34	6.377	6.511	0.134
50	35	6.472	6.433	-0.039
55	36	6.482	6.456	-0.026
55	37	6.485	6.764	0.279
55	38	6.444	6.324	-0.120
55	39	6.246	6.306	0.060
55	40	6.225	6.514	0.289
100	41	6.402	6.455	0.053
100	42	6.426	6.326	-0.100
100	43	6.467	6.546	0.079
100	44	6.398	6.732	0.334
100	45	6.269	6.530	0.261
105	46	6.377	6.526	0.149
105	47	6.402	6.354	-0.048
105	48	6.552	6.561	0.009
105	49	6.304	6.564	0.260
105	50	6.496	6.454	-0.042
105	51	6.448	6.414	-0.034
105	52	6.294	6.396	0.102
105	53	6.241	6.575	0.334
105	54	6.420	6.443	0.023
105	55	6.416	6.782	0.366
105	56	6.432	6.587	0.155
105	57	6.423	6.389	-0.034
105	58	6.556	6.637	0.081
105	59	6.502	6.485	-0.017
105	60	6.511	6.422	-0.089
105	61	6.449	6.444	-0.005
105	62	6.371	6.487	0.116
105	63	6.312	6.466	0.154
105	64	6.702	6.805	0.103
105	65	6.454	6.424	-0.030
105	66	6.300	6.616	0.316
105	67	6.417	6.422	0.005
	Max	6.702	6.805	0.366
	Average	6.421	6.465	0.044
	Min	6.225	6.254	-0.380
	Std Dev	0.101	0.124	0.152



	5.48_IDD_ACT_500K_4V	
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	6.502	6.350	6.355	6.254	6.267	6.273	6.278	6.433	6.306	6.326	6.354
Average	6.554	6.409	6.442	6.319	6.389	6.423	6.395	6.564	6.473	6.518	6.512
Max	6.618	6.486	6.488	6.434	6.487	6.561	6.440	6.650	6.764	6.732	6.805
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500

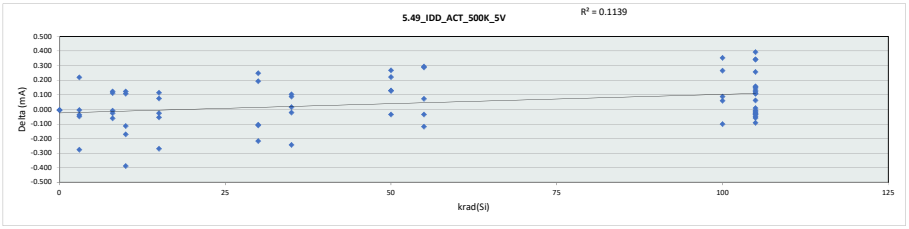


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

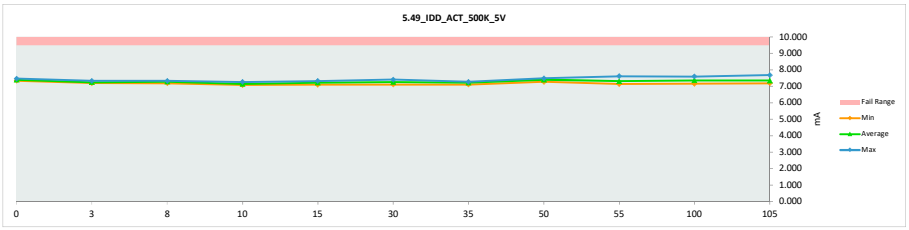
	5.49_IDD_ACT_500K_5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.2	9.5
Min Limit	2	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.386	7.382	-0.004
0	992	7.340	7.335	-0.005
0	993	7.470	7.465	-0.005
3	1	7.239	7.190	-0.049
3	2	7.074	7.293	0.219
3	3	7.244	7.206	-0.038
3	4	7.492	7.216	-0.276
3	5	7.332	7.328	-0.004
8	6	7.305	7.244	-0.061
8	7	7.190	7.181	-0.009
8	8	7.340	7.315	-0.025
8	9	7.202	7.326	0.124
8	10	7.210	7.322	0.112
10	11	7.151	7.259	0.108
10	12	7.201	7.087	-0.114
10	13	7.246	7.076	-0.170
10	14	7.090	7.214	0.124
10	15	7.472	7.085	-0.387
15	16	7.348	7.322	-0.026
15	17	7.137	7.211	0.074
15	18	7.362	7.093	-0.269
15	19	7.286	7.231	-0.055
15	20	7.146	7.260	0.114
30	21	7.196	7.390	0.194
30	22	7.324	7.108	-0.216
30	23	7.162	7.410	0.248
30	24	7.374	7.269	-0.105
30	25	7.210	7.100	-0.110
35	26	7.350	7.107	-0.243
35	27	7.162	7.251	0.089
35	28	7.169	7.272	0.103
35	29	7.286	7.265	-0.021
35	30	7.216	7.232	0.016
50	31	7.218	7.485	0.267
50	32	7.314	7.442	0.128
50	33	7.250	7.471	0.221
50	34	7.203	7.333	0.130
50	35	7.305	7.271	-0.034
55	36	7.321	7.287	-0.034
55	37	7.326	7.613	0.287
55	38	7.273	7.156	-0.117
55	39	7.063	7.136	0.073
55	40	7.051	7.345	0.294
100	41	7.233	7.293	0.060
100	42	7.255	7.154	-0.101
100	43	7.298	7.387	0.089
100	44	7.232	7.586	0.354
100	45	7.096	7.362	0.266
105	46	7.213	7.366	0.153
105	47	7.239	7.188	-0.051
105	48	7.390	7.384	-0.006
105	49	7.129	7.385	0.256
105	50	7.343	7.284	-0.059
105	51	7.284	7.252	-0.032
105	52	7.123	7.231	0.108
105	53	7.069	7.411	0.342
105	54	7.253	7.315	0.062
105	55	7.252	7.644	0.392
105	56	7.260	7.417	0.157
105	57	7.257	7.219	-0.038
105	58	7.388	7.536	0.148
105	59	7.341	7.318	-0.023
105	60	7.346	7.255	-0.091
105	61	7.280	7.267	-0.013
105	62	7.208	7.317	0.109
105	63	7.144	7.264	0.120
105	64	7.546	7.677	0.131
105	65	7.287	7.260	-0.027
105	66	7.125	7.467	0.342
105	67	7.249	7.259	0.010
	Max	7.546	7.677	0.392
	Average	7.255	7.301	0.046
	Min	7.051	7.076	-0.387
	Std Dev	0.105	0.132	0.159



	5.49_IDD_ACT_500K_5V	
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.335	7.190	7.181	7.076	7.093	7.100	7.107	7.271	7.136	7.154	7.188
Average	7.394	7.247	7.278	7.144	7.223	7.255	7.225	7.400	7.307	7.356	7.351
Max	7.465	7.328	7.326	7.259	7.322	7.410	7.272	7.485	7.613	7.586	7.677
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500

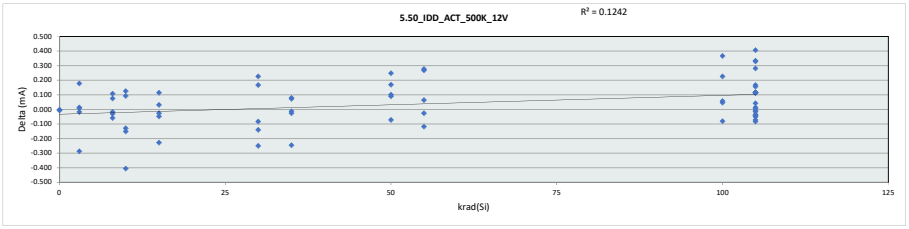


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

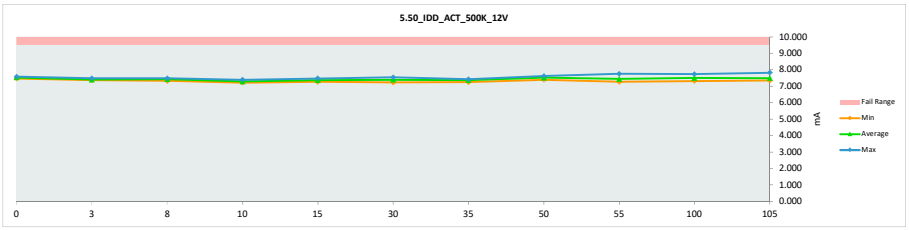
	5.50_IDD_ACT_500K_12V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.2	9.5
Min Limit	2	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.539	7.535	-0.004
0	992	7.479	7.476	-0.003
0	993	7.586	7.580	-0.006
3	1	7.377	7.359	-0.018
3	2	7.248	7.425	0.177
3	3	7.367	7.376	0.009
3	4	7.652	7.365	-0.287
3	5	7.470	7.483	0.013
8	6	7.468	7.409	-0.059
8	7	7.347	7.329	-0.018
8	8	7.498	7.468	-0.030
8	9	7.379	7.454	0.075
8	10	7.368	7.476	0.108
10	11	7.301	7.393	0.092
10	12	7.350	7.222	-0.128
10	13	7.389	7.238	-0.151
10	14	7.230	7.355	0.125
10	15	7.652	7.246	-0.406
15	16	7.500	7.473	-0.027
15	17	7.317	7.349	0.032
15	18	7.487	7.260	-0.227
15	19	7.409	7.360	-0.049
15	20	7.291	7.406	0.115
30	21	7.358	7.524	0.166
30	22	7.485	7.236	-0.249
30	23	7.313	7.539	0.226
30	24	7.519	7.436	-0.083
30	25	7.364	7.223	-0.141
35	26	7.488	7.243	-0.245
35	27	7.318	7.390	0.072
35	28	7.339	7.418	0.079
35	29	7.418	7.406	-0.012
35	30	7.386	7.361	-0.025
50	31	7.368	7.615	0.247
50	32	7.473	7.564	0.091
50	33	7.415	7.584	0.169
50	34	7.350	7.451	0.101
50	35	7.464	7.392	-0.072
55	36	7.450	7.425	-0.025
55	37	7.481	7.758	0.277
55	38	7.411	7.292	-0.119
55	39	7.202	7.266	0.064
55	40	7.215	7.482	0.267
100	41	7.372	7.430	0.058
100	42	7.396	7.315	-0.081
100	43	7.450	7.496	0.046
100	44	7.370	7.737	0.367
100	45	7.266	7.493	0.227
105	46	7.346	7.513	0.167
105	47	7.383	7.344	-0.039
105	48	7.536	7.543	0.007
105	49	7.267	7.547	0.280
105	50	7.481	7.431	-0.050
105	51	7.454	7.382	-0.072
105	52	7.246	7.362	0.116
105	53	7.208	7.541	0.333
105	54	7.389	7.432	0.043
105	55	7.396	7.802	0.406
105	56	7.398	7.553	0.155
105	57	7.399	7.384	-0.015
105	58	7.548	7.659	0.111
105	59	7.477	7.433	-0.044
105	60	7.474	7.391	-0.083
105	61	7.408	7.400	-0.008
105	62	7.341	7.458	0.117
105	63	7.285	7.399	0.114
105	64	7.703	7.819	0.116
105	65	7.431	7.397	-0.034
105	66	7.271	7.600	0.329
105	67	7.391	7.404	0.013
	Max	7.703	7.819	0.406
	Average	7.403	7.442	0.039
	Min	7.202	7.222	-0.406
	Std Dev	0.104	0.130	0.155



	5.50_IDD_ACT_500K_12V	
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.476	7.359	7.329	7.222	7.260	7.223	7.243	7.392	7.266	7.315	7.344
Average	7.530	7.402	7.427	7.291	7.370	7.392	7.364	7.521	7.445	7.494	7.491
Max	7.580	7.483	7.476	7.393	7.473	7.539	7.418	7.615	7.758	7.737	7.819
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500

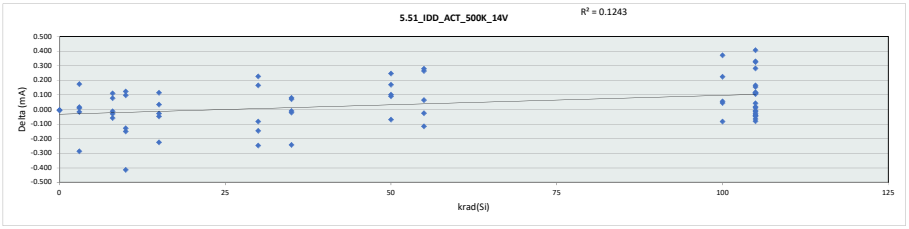


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

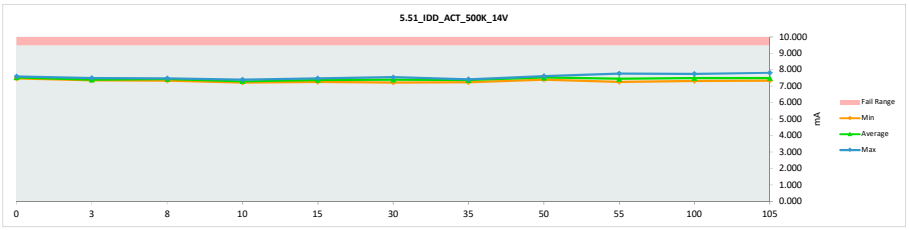
	5.51_IDD_ACT_500K_14V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.2	9.5
Min Limit	2	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.545	7.541	-0.004
0	992	7.486	7.479	-0.007
0	993	7.592	7.588	-0.004
3	1	7.381	7.363	-0.018
3	2	7.254	7.428	0.174
3	3	7.373	7.382	0.009
3	4	7.655	7.369	-0.286
3	5	7.476	7.492	0.016
8	6	7.473	7.414	-0.059
8	7	7.349	7.336	-0.013
8	8	7.503	7.473	-0.030
8	9	7.381	7.458	0.077
8	10	7.373	7.483	0.110
10	11	7.303	7.399	0.096
10	12	7.355	7.226	-0.129
10	13	7.393	7.243	-0.150
10	14	7.232	7.356	0.124
10	15	7.661	7.247	-0.414
15	16	7.504	7.475	-0.029
15	17	7.320	7.353	0.033
15	18	7.489	7.264	-0.225
15	19	7.415	7.366	-0.049
15	20	7.297	7.411	0.114
30	21	7.361	7.525	0.164
30	22	7.490	7.242	-0.248
30	23	7.318	7.545	0.227
30	24	7.524	7.440	-0.084
30	25	7.370	7.224	-0.146
35	26	7.492	7.250	-0.242
35	27	7.322	7.392	0.070
35	28	7.342	7.422	0.080
35	29	7.419	7.409	-0.010
35	30	7.391	7.369	-0.022
50	31	7.372	7.617	0.245
50	32	7.477	7.567	0.090
50	33	7.419	7.589	0.170
50	34	7.354	7.456	0.102
50	35	7.467	7.397	-0.070
55	36	7.456	7.431	-0.025
55	37	7.484	7.763	0.279
55	38	7.414	7.298	-0.116
55	39	7.207	7.270	0.063
55	40	7.220	7.483	0.263
100	41	7.378	7.433	0.055
100	42	7.399	7.316	-0.083
100	43	7.456	7.501	0.045
100	44	7.374	7.744	0.370
100	45	7.272	7.495	0.223
105	46	7.350	7.515	0.165
105	47	7.387	7.345	-0.042
105	48	7.538	7.549	0.011
105	49	7.271	7.551	0.280
105	50	7.486	7.438	-0.048
105	51	7.455	7.389	-0.066
105	52	7.250	7.366	0.116
105	53	7.216	7.545	0.329
105	54	7.395	7.437	0.042
105	55	7.401	7.806	0.405
105	56	7.404	7.557	0.153
105	57	7.404	7.389	-0.015
105	58	7.551	7.664	0.113
105	59	7.479	7.439	-0.040
105	60	7.474	7.394	-0.080
105	61	7.413	7.405	-0.008
105	62	7.347	7.459	0.112
105	63	7.290	7.405	0.115
105	64	7.707	7.813	0.106
105	65	7.433	7.405	-0.028
105	66	7.275	7.600	0.325
105	67	7.393	7.410	0.017
	Max	7.707	7.813	0.405
	Average	7.407	7.446	0.039
	Min	7.207	7.224	-0.414
	Std Dev	0.104	0.130	0.154



	5.51_IDD_ACT_500K_14V	
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.479	7.363	7.336	7.226	7.264	7.224	7.250	7.397	7.270	7.316	7.345
Average	7.536	7.407	7.433	7.294	7.374	7.395	7.368	7.525	7.449	7.498	7.495
Max	7.588	7.492	7.483	7.399	7.475	7.545	7.422	7.617	7.763	7.744	7.813
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500

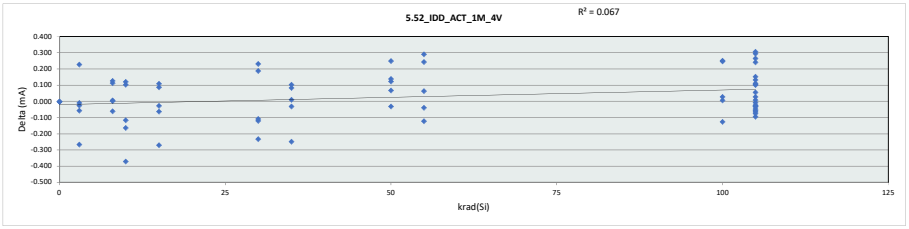


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

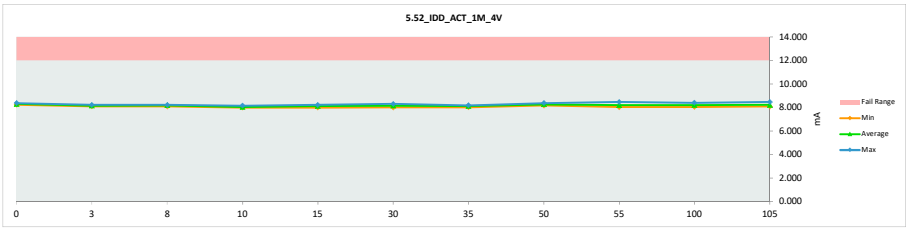
	5.52_IDD_ACT_1M_4V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	11.7	12
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.290	8.287	-0.003
0	992	8.242	8.240	-0.002
0	993	8.368	8.366	-0.002
3	1	8.147	8.090	-0.057
3	2	7.971	8.197	0.226
3	3	8.134	8.107	-0.027
3	4	8.384	8.118	-0.266
3	5	8.234	8.223	-0.011
8	6	8.199	8.138	-0.061
8	7	8.079	8.084	0.005
8	8	8.206	8.207	0.001
8	9	8.093	8.219	0.126
8	10	8.103	8.215	0.112
10	11	8.049	8.151	0.102
10	12	8.103	7.987	-0.116
10	13	8.144	7.980	-0.164
10	14	7.991	8.111	0.120
10	15	8.358	7.987	-0.371
15	16	8.249	8.220	-0.029
15	17	8.038	8.125	0.087
15	18	8.256	7.985	-0.271
15	19	8.191	8.127	-0.064
15	20	8.046	8.155	0.109
30	21	8.087	8.273	0.186
30	22	8.233	8.000	-0.233
30	23	8.060	8.290	0.230
30	24	8.268	8.159	-0.109
30	25	8.116	7.996	-0.120
35	26	8.260	8.011	-0.249
35	27	8.079	8.162	0.083
35	28	8.068	8.171	0.103
35	29	8.188	8.156	-0.032
35	30	8.118	8.128	0.010
50	31	8.117	8.366	0.249
50	32	8.210	8.277	0.067
50	33	8.139	8.277	0.138
50	34	8.105	8.227	0.122
50	35	8.197	8.165	-0.032
55	36	8.215	8.175	-0.040
55	37	8.214	8.456	0.242
55	38	8.166	8.043	-0.123
55	39	7.965	8.028	0.063
55	40	7.954	8.244	0.290
100	41	8.130	8.135	0.005
100	42	8.164	8.038	-0.126
100	43	8.197	8.224	0.027
100	44	8.146	8.393	0.247
100	45	7.992	8.242	0.250
105	46	8.110	8.242	0.132
105	47	8.132	8.074	-0.058
105	48	8.288	8.259	-0.029
105	49	8.022	8.263	0.241
105	50	8.232	8.157	-0.075
105	51	8.173	8.142	-0.031
105	52	8.021	8.125	0.104
105	53	7.977	8.271	0.294
105	54	8.167	8.222	0.055
105	55	8.154	8.418	0.264
105	56	8.150	8.302	0.152
105	57	8.160	8.113	-0.047
105	58	8.259	8.251	-0.008
105	59	8.238	8.213	-0.025
105	60	8.237	8.141	-0.096
105	61	8.182	8.116	-0.066
105	62	8.107	8.218	0.111
105	63	8.036	8.136	0.100
105	64	8.440	8.467	0.027
105	65	8.183	8.150	-0.033
105	66	8.025	8.331	0.306
105	67	8.150	8.157	0.007
	Max	8.440	8.467	0.306
	Average	8.153	8.182	0.029
	Min	7.954	7.980	-0.371
	Std Dev	0.103	0.112	0.146



	5.52_IDD_ACT_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	12	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.240	8.090	8.084	7.980	7.985	7.996	8.011	8.165	8.028	8.038	8.074
Average	8.298	8.147	8.173	8.043	8.122	8.144	8.126	8.262	8.189	8.206	8.217
Max	8.366	8.223	8.219	8.151	8.220	8.290	8.171	8.366	8.456	8.393	8.467
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000

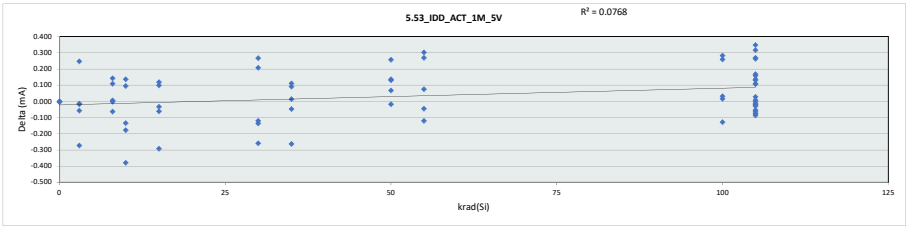


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

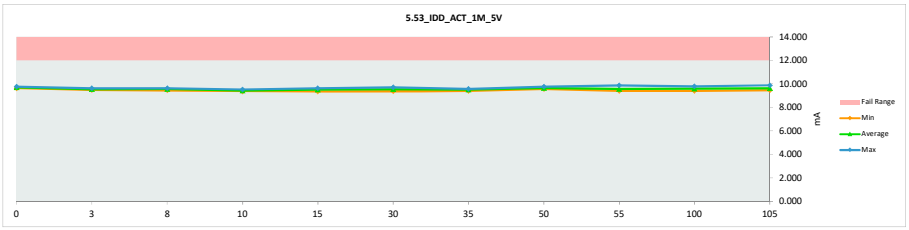
	5.53_IDD_ACT_1M_5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	11.7	12
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	9.685	9.684	-0.001
0	992	9.635	9.633	-0.002
0	993	9.777	9.772	-0.005
3	1	9.541	9.483	-0.058
3	2	9.349	9.595	0.246
3	3	9.514	9.495	-0.019
3	4	9.784	9.511	-0.273
3	5	9.637	9.622	-0.015
8	6	9.595	9.531	-0.064
8	7	9.467	9.465	-0.002
8	8	9.589	9.594	0.005
8	9	9.475	9.617	0.142
8	10	9.498	9.607	0.109
10	11	9.435	9.530	0.095
10	12	9.493	9.358	-0.135
10	13	9.541	9.364	-0.177
10	14	9.366	9.501	0.135
10	15	9.753	9.373	-0.380
15	16	9.647	9.613	-0.034
15	17	9.421	9.520	0.099
15	18	9.653	9.361	-0.292
15	19	9.585	9.523	-0.062
15	20	9.434	9.551	0.117
30	21	9.463	9.670	0.207
30	22	9.629	9.370	-0.259
30	23	9.433	9.699	0.266
30	24	9.671	9.550	-0.121
30	25	9.510	9.373	-0.137
35	26	9.664	9.402	-0.262
35	27	9.466	9.557	0.091
35	28	9.460	9.571	0.111
35	29	9.588	9.541	-0.047
35	30	9.508	9.522	0.014
50	31	9.508	9.764	0.256
50	32	9.603	9.669	0.066
50	33	9.535	9.671	0.136
50	34	9.490	9.619	0.129
50	35	9.585	9.566	-0.019
55	36	9.610	9.564	-0.046
55	37	9.607	9.874	0.267
55	38	9.545	9.424	-0.121
55	39	9.332	9.407	0.075
55	40	9.337	9.639	0.302
100	41	9.517	9.532	0.015
100	42	9.547	9.418	-0.129
100	43	9.583	9.615	0.032
100	44	9.541	9.798	0.257
100	45	9.368	9.649	0.281
105	46	9.503	9.638	0.135
105	47	9.526	9.464	-0.062
105	48	9.683	9.653	-0.030
105	49	9.395	9.656	0.261
105	50	9.635	9.557	-0.078
105	51	9.562	9.539	-0.023
105	52	9.395	9.524	0.129
105	53	9.363	9.679	0.316
105	54	9.566	9.724	0.158
105	55	9.550	9.818	0.268
105	56	9.534	9.702	0.168
105	57	9.556	9.502	-0.054
105	58	9.646	9.645	-0.001
105	59	9.629	9.616	-0.013
105	60	9.627	9.540	-0.087
105	61	9.566	9.492	-0.074
105	62	9.506	9.613	0.107
105	63	9.417	9.525	0.108
105	64	9.854	9.882	0.028
105	65	9.572	9.551	-0.021
105	66	9.399	9.745	0.346
105	67	9.544	9.552	0.008
	Max	9.854	9.882	0.346
	Average	9.543	9.577	0.034
	Min	9.332	9.358	-0.380
	Std Dev	0.110	0.120	0.156



	5.53_IDD_ACT_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	12	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	9.633	9.483	9.465	9.358	9.361	9.370	9.402	9.566	9.407	9.418	9.464
Average	9.696	9.541	9.563	9.425	9.514	9.532	9.519	9.658	9.582	9.602	9.619
Max	9.772	9.622	9.617	9.530	9.613	9.699	9.571	9.764	9.874	9.798	9.882
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000

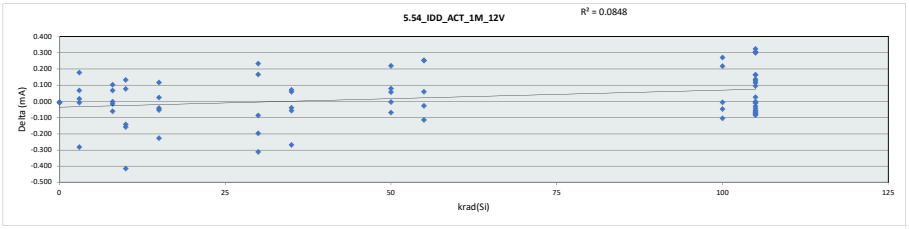


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

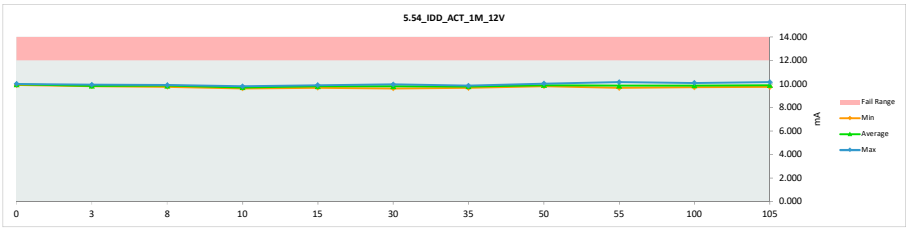
	5.54_IDD_ACT_1M_12V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	11.7	12
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	9.985	9.977	-0.008
0	992	9.910	9.906	-0.004
0	993	10.015	10.008	-0.007
3	1	9.813	9.804	-0.009
3	2	9.679	9.856	0.177
3	3	9.756	9.823	0.067
3	4	10.087	9.804	-0.283
3	5	9.914	9.930	0.016
8	6	9.905	9.843	-0.062
8	7	9.768	9.752	-0.016
8	8	9.896	9.893	-0.003
8	9	9.807	9.874	0.067
8	10	9.804	9.906	0.102
10	11	9.719	9.796	0.077
10	12	9.782	9.623	-0.159
10	13	9.819	9.677	-0.142
10	14	9.641	9.773	0.132
10	15	10.097	9.682	-0.415
15	16	9.941	9.900	-0.041
15	17	9.762	9.786	0.024
15	18	9.907	9.679	-0.228
15	19	9.831	9.777	-0.054
15	20	9.715	9.830	0.115
30	21	9.772	9.937	0.165
30	22	9.940	9.627	-0.313
30	23	9.723	9.956	0.233
30	24	9.953	9.865	-0.088
30	25	9.816	9.619	-0.197
35	26	9.935	9.666	-0.269
35	27	9.767	9.825	0.058
35	28	9.781	9.852	0.071
35	29	9.847	9.807	-0.040
35	30	9.835	9.777	-0.058
50	31	9.803	10.021	0.218
50	32	9.910	9.906	-0.004
50	33	9.850	9.906	0.056
50	34	9.776	9.855	0.079
50	35	9.883	9.813	-0.070
55	36	9.865	9.836	-0.029
55	37	9.903	10.155	0.252
55	38	9.812	9.698	-0.114
55	39	9.606	9.664	0.058
55	40	9.653	9.905	0.252
100	41	9.789	9.783	-0.006
100	42	9.823	9.719	-0.104
100	43	9.878	9.830	-0.048
100	44	9.812	10.081	0.269
100	45	9.693	9.909	0.216
105	46	9.766	9.930	0.164
105	47	9.806	9.748	-0.058
105	48	9.966	9.964	-0.002
105	49	9.663	9.969	0.306
105	50	9.906	9.837	-0.069
105	51	9.883	9.797	-0.086
105	52	9.644	9.779	0.135
105	53	9.636	9.935	0.299
105	54	9.830	9.944	0.114
105	55	9.831	10.132	0.301
105	56	9.805	9.968	0.163
105	57	9.829	9.818	-0.011
105	58	9.959	9.884	-0.075
105	59	9.890	9.847	-0.043
105	60	9.877	9.795	-0.082
105	61	9.819	9.759	-0.060
105	62	9.765	9.891	0.126
105	63	9.698	9.793	0.095
105	64	10.157	10.148	-0.009
105	65	9.853	9.822	-0.031
105	66	9.675	9.998	0.323
105	67	9.817	9.842	0.025
	Max	10.157	10.155	0.323
	Average	9.829	9.850	0.021
	Min	9.606	9.619	-0.415
	Std Dev	0.110	0.118	0.152



	5.54_IDD_ACT_1M_12V	
Test Site		
Tester		
Test Number		
Max Limit	12	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	9.906	9.804	9.752	9.623	9.679	9.619	9.666	9.813	9.664	9.719	9.748
Average	9.964	9.843	9.854	9.710	9.794	9.801	9.785	9.900	9.852	9.864	9.891
Max	10.008	9.930	9.906	9.796	9.900	9.956	9.852	10.021	10.155	10.081	10.148
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000

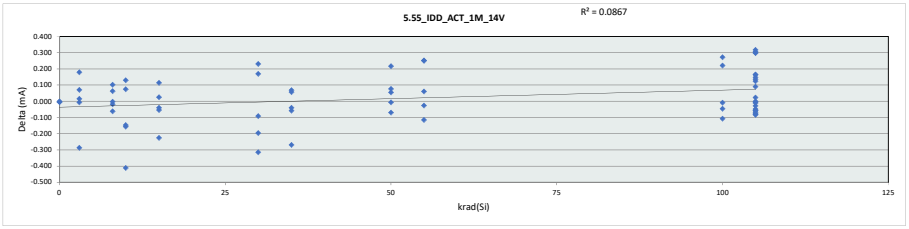


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

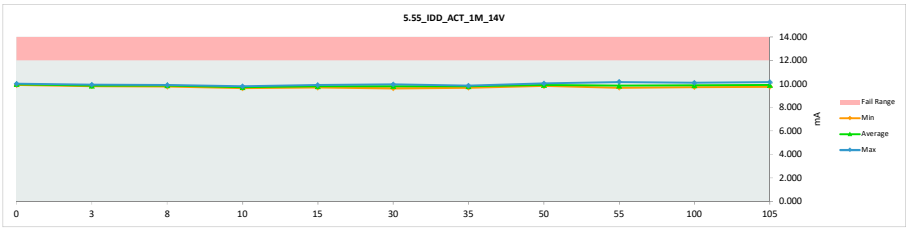
	5.55_IDD_ACT_1M_14V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	11.7	12
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	9.988	9.984	-0.004
0	992	9.914	9.910	-0.004
0	993	10.018	10.017	-0.001
3	1	9.815	9.808	-0.007
3	2	9.685	9.864	0.179
3	3	9.760	9.830	0.070
3	4	10.094	9.807	-0.287
3	5	9.917	9.933	0.016
8	6	9.908	9.847	-0.061
8	7	9.775	9.756	-0.019
8	8	9.901	9.899	-0.002
8	9	9.812	9.875	0.063
8	10	9.810	9.912	0.102
10	11	9.725	9.799	0.074
10	12	9.786	9.630	-0.156
10	13	9.825	9.678	-0.147
10	14	9.646	9.776	0.130
10	15	10.101	9.690	-0.411
15	16	9.944	9.905	-0.039
15	17	9.764	9.789	0.025
15	18	9.911	9.686	-0.225
15	19	9.838	9.785	-0.053
15	20	9.718	9.832	0.114
30	21	9.775	9.944	0.169
30	22	9.944	9.629	-0.315
30	23	9.728	9.958	0.230
30	24	9.959	9.868	-0.091
30	25	9.818	9.622	-0.196
35	26	9.940	9.671	-0.269
35	27	9.773	9.830	0.057
35	28	9.785	9.854	0.069
35	29	9.851	9.812	-0.039
35	30	9.839	9.781	-0.058
50	31	9.809	10.026	0.217
50	32	9.917	9.910	-0.007
50	33	9.854	9.909	0.055
50	34	9.782	9.859	0.077
50	35	9.887	9.818	-0.069
55	36	9.868	9.841	-0.027
55	37	9.909	10.162	0.253
55	38	9.817	9.703	-0.114
55	39	9.609	9.669	0.060
55	40	9.659	9.909	0.250
100	41	9.795	9.786	-0.009
100	42	9.828	9.722	-0.106
100	43	9.882	9.836	-0.046
100	44	9.816	10.088	0.272
100	45	9.696	9.917	0.221
105	46	9.770	9.934	0.164
105	47	9.808	9.751	-0.057
105	48	9.971	9.970	-0.001
105	49	9.667	9.973	0.306
105	50	9.911	9.843	-0.068
105	51	9.885	9.801	-0.084
105	52	9.650	9.786	0.136
105	53	9.642	9.940	0.298
105	54	9.834	9.982	0.148
105	55	9.834	10.133	0.299
105	56	9.807	9.972	0.165
105	57	9.833	9.822	-0.011
105	58	9.964	9.886	-0.078
105	59	9.896	9.849	-0.047
105	60	9.881	9.802	-0.079
105	61	9.821	9.766	-0.055
105	62	9.768	9.892	0.124
105	63	9.702	9.793	0.091
105	64	10.161	10.156	-0.005
105	65	9.855	9.826	-0.029
105	66	9.683	10.000	0.317
105	67	9.821	9.845	0.024
	Max	10.161	10.162	0.317
	Average	9.834	9.855	0.021
	Min	9.609	9.622	-0.411
	Std Dev	0.110	0.118	0.152



	5.55_IDD_ACT_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	12	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	9.910	9.807	9.756	9.630	9.686	9.622	9.671	9.818	9.669	9.722	9.751
Average	9.970	9.848	9.858	9.715	9.799	9.804	9.790	9.904	9.857	9.870	9.896
Max	10.017	9.933	9.912	9.799	9.905	9.958	9.854	10.026	10.162	10.088	10.156
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000

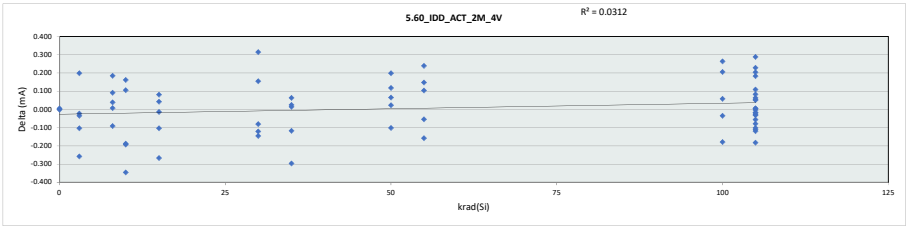


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

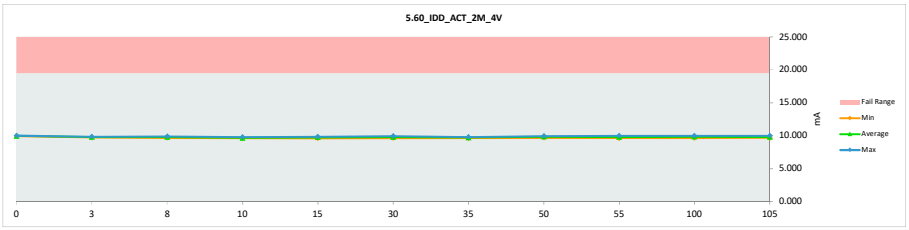
	5.60_IDD_ACT_2M_4V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	13	19.5
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	9.994	9.996	0.002
0	992	9.919	9.925	0.006
0	993	9.991	9.989	-0.002
3	1	9.787	9.752	-0.035
3	2	9.651	9.850	0.199
3	3	9.825	9.722	-0.103
3	4	9.993	9.736	-0.257
3	5	9.876	9.854	-0.022
8	6	9.784	9.792	0.008
8	7	9.781	9.690	-0.091
8	8	9.770	9.809	0.039
8	9	9.707	9.798	0.091
8	10	9.697	9.881	0.184
10	11	9.668	9.773	0.105
10	12	9.779	9.586	-0.193
10	13	9.796	9.609	-0.187
10	14	9.617	9.779	0.162
10	15	9.967	9.621	-0.346
15	16	9.874	9.861	-0.013
15	17	9.704	9.746	0.042
15	18	9.876	9.609	-0.267
15	19	9.847	9.744	-0.103
15	20	9.722	9.802	0.080
30	21	9.714	9.869	0.155
30	22	9.826	9.681	-0.145
30	23	9.626	9.940	0.314
30	24	9.866	9.786	-0.080
30	25	9.768	9.647	-0.121
35	26	9.911	9.615	-0.296
35	27	9.721	9.785	0.064
35	28	9.734	9.749	0.015
35	29	9.835	9.718	-0.117
35	30	9.726	9.751	0.025
50	31	9.733	9.931	0.198
50	32	9.829	9.852	0.023
50	33	9.793	9.858	0.065
50	34	9.709	9.826	0.117
50	35	9.796	9.694	-0.102
55	36	9.789	9.734	-0.055
55	37	9.876	9.979	0.103
55	38	9.787	9.629	-0.158
55	39	9.576	9.724	0.148
55	40	9.599	9.838	0.239
100	41	9.783	9.748	-0.035
100	42	9.832	9.653	-0.179
100	43	9.832	9.890	0.058
100	44	9.772	9.977	0.205
100	45	9.615	9.879	0.264
105	46	9.738	9.789	0.051
105	47	9.800	9.781	-0.019
105	48	9.891	9.812	-0.079
105	49	9.733	9.815	0.082
105	50	9.901	9.719	-0.182
105	51	9.817	9.716	-0.101
105	52	9.698	9.753	0.055
105	53	9.594	9.881	0.287
105	54	9.803	9.693	-0.110
105	55	9.746	9.975	0.229
105	56	9.731	9.913	0.182
105	57	9.786	9.768	-0.018
105	58	9.780	9.843	0.063
105	59	9.825	9.796	-0.029
105	60	9.828	9.772	-0.056
105	61	9.835	9.716	-0.119
105	62	9.677	9.786	0.109
105	63	9.672	9.669	-0.003
105	64	9.989	9.994	0.005
105	65	9.780	9.786	0.006
105	66	9.743	9.947	0.204
105	67	9.794	9.763	-0.031
	Max	9.994	9.996	0.314
	Average	9.783	9.791	0.008
	Min	9.576	9.586	-0.346
	Std Dev	0.097	0.103	0.143



	5.60_IDD_ACT_2M_4V	
Test Site		
Tester		
Test Number		
Max Limit	19.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	9.925	9.722	9.690	9.586	9.609	9.647	9.615	9.694	9.629	9.653	9.669
Average	9.970	9.783	9.794	9.674	9.752	9.785	9.724	9.832	9.781	9.829	9.804
Max	9.996	9.854	9.881	9.779	9.861	9.940	9.785	9.931	9.979	9.977	9.994
UL	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500

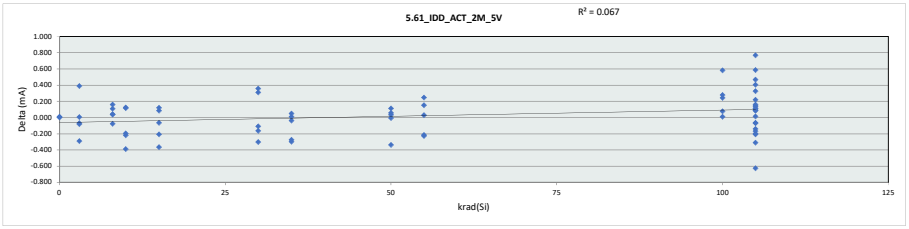


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

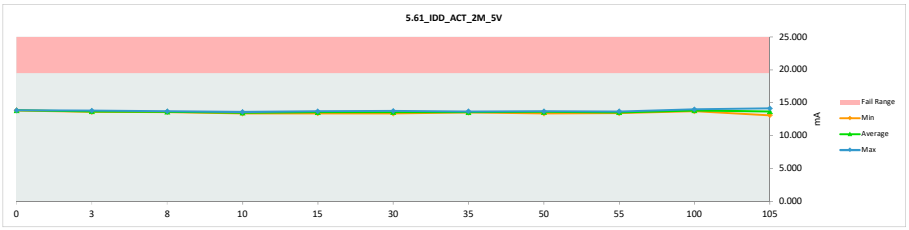
	5.61_IDD_ACT_2M_5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	18	19.5
Min Limit	8	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	13.827	13.828	0.001
0	992	13.827	13.835	0.008
0	993	13.843	13.847	0.004
3	1	13.666	13.586	-0.080
3	2	13.398	13.786	0.388
3	3	13.610	13.616	0.006
3	4	13.936	13.644	-0.292
3	5	13.791	13.720	-0.071
8	6	13.666	13.589	-0.077
8	7	13.534	13.571	0.037
8	8	13.600	13.707	0.107
8	9	13.504	13.663	0.159
8	10	13.544	13.587	0.043
10	11	13.479	13.594	0.115
10	12	13.548	13.353	-0.195
10	13	13.666	13.446	-0.220
10	14	13.456	13.579	0.123
10	15	13.848	13.461	-0.387
15	16	13.778	13.713	-0.065
15	17	13.487	13.570	0.083
15	18	13.753	13.389	-0.364
15	19	13.789	13.580	-0.209
15	20	13.440	13.560	0.120
30	21	13.446	13.756	0.310
30	22	13.659	13.357	-0.302
30	23	13.406	13.762	0.356
30	24	13.710	13.600	-0.110
30	25	13.563	13.400	-0.163
35	26	13.797	13.498	-0.299
35	27	13.623	13.673	0.050
35	28	13.567	13.578	0.011
35	29	13.782	13.507	-0.275
35	30	13.620	13.582	-0.038
50	31	13.635	13.691	0.056
50	32	13.701	13.696	-0.005
50	33	13.599	13.712	0.113
50	34	13.596	13.629	0.033
50	35	13.690	13.352	-0.338
55	36	13.656	13.440	-0.216
55	37	13.581	13.612	0.031
55	38	13.622	13.397	-0.225
55	39	13.329	13.482	0.153
55	40	13.426	13.674	0.248
100	41	13.624	13.903	0.279
100	42	13.690	13.701	0.011
100	43	13.674	13.915	0.241
100	44	13.625	13.700	0.075
100	45	13.399	13.980	0.581
105	46	13.566	13.365	-0.201
105	47	13.540	13.684	0.144
105	48	13.802	13.493	-0.309
105	49	13.339	13.499	0.160
105	50	13.719	13.092	-0.627
105	51	13.620	13.478	-0.142
105	52	13.458	13.863	0.405
105	53	13.472	14.057	0.585
105	54	13.711	13.843	0.132
105	55	13.636	13.648	0.012
105	56	13.578	14.046	0.468
105	57	13.684	13.794	0.110
105	58	13.625	13.952	0.327
105	59	13.694	13.525	-0.169
105	60	13.696	13.782	0.086
105	61	13.651	13.741	0.090
105	62	13.419	13.528	0.109
105	63	13.393	13.323	-0.070
105	64	13.689	13.625	-0.064
105	65	13.620	13.837	0.217
105	66	13.371	14.138	0.767
105	67	13.617	13.409	-0.208
	Max	13.936	14.138	0.767
	Average	13.613	13.636	0.023
	Min	13.329	13.092	-0.627
	Std Dev	0.136	0.194	0.248



	5.61_IDD_ACT_2M_5V	
Test Site		
Tester		
Test Number		
Max Limit	19.5	mA
Min Limit		mA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	13.828	13.586	13.571	13.353	13.389	13.357	13.498	13.352	13.397	13.700	13.092
Average	13.837	13.670	13.623	13.487	13.562	13.575	13.568	13.616	13.521	13.840	13.669
Max	13.847	13.786	13.707	13.594	13.713	13.762	13.673	13.712	13.674	13.980	14.138
UL	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500

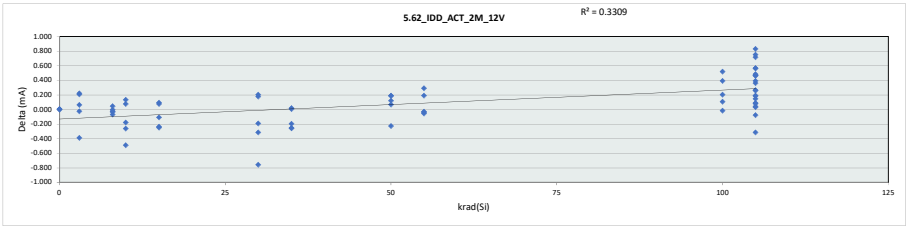


HDR TID Report
TPS7H5001-SP QMLP

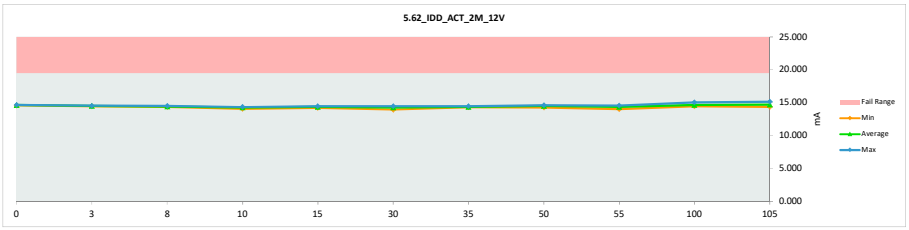
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.62_IDD_ACT_2M_12V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	18	19.5
Min Limit	8	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	14.644	14.648	0.004
0	992	14.582	14.589	0.007
0	993	14.671	14.669	-0.002
3	1	14.418	14.478	0.060
3	2	14.314	14.535	0.221
3	3	14.329	14.535	0.206
3	4	14.838	14.448	-0.390
3	5	14.563	14.539	-0.024
8	6	14.524	14.453	-0.071
8	7	14.381	14.357	-0.024
8	8	14.545	14.509	-0.036
8	9	14.400	14.446	0.046
8	10	14.401	14.395	-0.006
10	11	14.264	14.339	0.075
10	12	14.357	14.094	-0.263
10	13	14.448	14.271	-0.177
10	14	14.225	14.355	0.130
10	15	14.779	14.290	-0.489
15	16	14.595	14.487	-0.108
15	17	14.403	14.476	0.073
15	18	14.485	14.237	-0.248
15	19	14.524	14.288	-0.236
15	20	14.225	14.319	0.094
30	21	14.286	14.487	0.201
30	22	14.714	13.956	-0.758
30	23	14.265	14.441	0.176
30	24	14.598	14.407	-0.191
30	25	14.399	14.084	-0.315
35	26	14.568	14.313	-0.255
35	27	14.452	14.456	0.004
35	28	14.467	14.484	0.017
35	29	14.538	14.342	-0.196
35	30	14.556	14.299	-0.257
50	31	14.439	14.625	0.186
50	32	14.524	14.591	0.067
50	33	14.466	14.584	0.118
50	34	14.397	14.586	0.189
50	35	14.492	14.264	-0.228
55	36	14.450	14.393	-0.057
55	37	14.391	14.581	0.190
55	38	14.376	14.348	-0.028
55	39	14.081	14.042	-0.039
55	40	14.286	14.578	0.292
100	41	14.407	14.610	0.203
100	42	14.482	14.467	-0.015
100	43	14.476	14.583	0.107
100	44	14.528	15.046	0.518
100	45	14.273	14.662	0.389
105	46	14.294	14.775	0.481
105	47	14.320	15.151	0.831
105	48	14.592	14.851	0.259
105	49	14.104	14.852	0.748
105	50	14.489	14.676	0.187
105	51	14.518	14.605	0.087
105	52	14.191	14.581	0.390
105	53	14.224	14.791	0.567
105	54	14.486	14.527	0.041
105	55	14.485	15.046	0.561
105	56	14.352	14.812	0.460
105	57	14.451	14.637	0.186
105	58	14.602	14.633	0.031
105	59	14.454	14.716	0.262
105	60	14.426	14.349	-0.077
105	61	14.370	14.450	0.080
105	62	14.392	14.858	0.466
105	63	14.179	14.650	0.471
105	64	14.808	14.492	-0.316
105	65	14.428	14.572	0.144
105	66	14.159	14.872	0.713
105	67	14.389	14.749	0.360
	Max	14.838	15.151	0.831
	Average	14.436	14.523	0.087
	Min	14.081	13.956	-0.758
	Std Dev	0.155	0.227	0.291



	5.62_IDD_ACT_2M_12V										
Test Site											
Tester											
Test Number											
Max Limit	19.5	mA									
Min Limit		mA									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	14.589	14.448	14.357	14.094	14.237	13.956	14.299	14.264	14.042	14.467	14.349
Average	14.635	14.507	14.432	14.270	14.361	14.275	14.379	14.530	14.388	14.674	14.711
Max	14.669	14.539	14.509	14.355	14.487	14.487	14.484	14.625	14.581	15.046	15.151
UL	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500

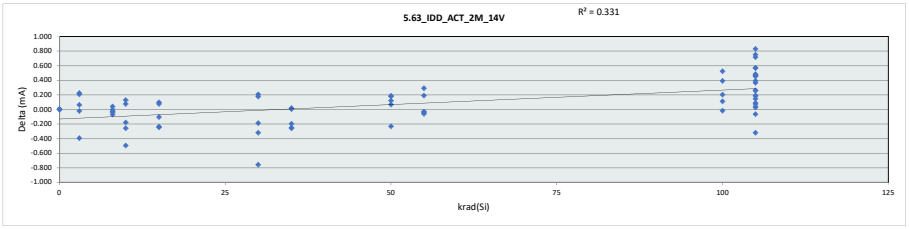


HDR TID Report
TPS7H5001-SP QMLP

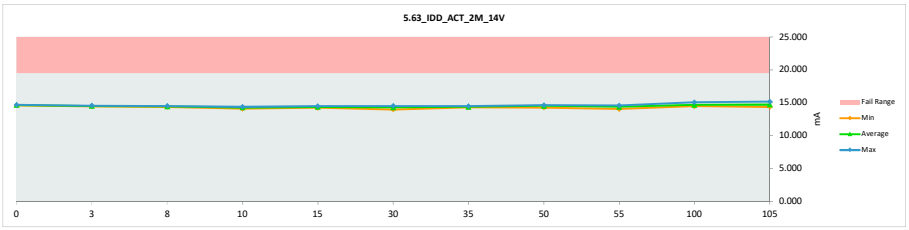
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.63_IDD_ACT_2M_14V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	18	19.5
Min Limit	8	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	14.648	14.652	0.004
0	992	14.590	14.594	0.004
0	993	14.675	14.672	-0.003
3	1	14.422	14.485	0.063
3	2	14.316	14.539	0.223
3	3	14.335	14.540	0.205
3	4	14.841	14.449	-0.392
3	5	14.570	14.547	-0.023
8	6	14.528	14.459	-0.069
8	7	14.390	14.363	-0.027
8	8	14.552	14.511	-0.041
8	9	14.408	14.449	0.041
8	10	14.406	14.403	-0.003
10	11	14.268	14.341	0.073
10	12	14.358	14.098	-0.260
10	13	14.456	14.275	-0.181
10	14	14.233	14.362	0.129
10	15	14.786	14.291	-0.495
15	16	14.597	14.491	-0.106
15	17	14.406	14.480	0.074
15	18	14.486	14.243	-0.243
15	19	14.528	14.294	-0.234
15	20	14.230	14.326	0.096
30	21	14.292	14.497	0.205
30	22	14.716	13.960	-0.756
30	23	14.272	14.446	0.174
30	24	14.599	14.412	-0.187
30	25	14.404	14.083	-0.321
35	26	14.567	14.317	-0.250
35	27	14.454	14.460	0.006
35	28	14.471	14.488	0.017
35	29	14.542	14.345	-0.197
35	30	14.561	14.302	-0.259
50	31	14.444	14.625	0.181
50	32	14.526	14.594	0.068
50	33	14.470	14.590	0.120
50	34	14.405	14.588	0.183
50	35	14.498	14.268	-0.230
55	36	14.455	14.395	-0.060
55	37	14.397	14.587	0.190
55	38	14.380	14.351	-0.029
55	39	14.084	14.046	-0.038
55	40	14.292	14.583	0.291
100	41	14.409	14.609	0.200
100	42	14.487	14.470	-0.017
100	43	14.477	14.586	0.109
100	44	14.532	15.052	0.520
100	45	14.277	14.668	0.391
105	46	14.298	14.781	0.483
105	47	14.326	15.156	0.830
105	48	14.596	14.855	0.259
105	49	14.110	14.858	0.748
105	50	14.492	14.680	0.188
105	51	14.522	14.609	0.087
105	52	14.192	14.583	0.391
105	53	14.228	14.800	0.572
105	54	14.490	14.531	0.041
105	55	14.487	15.053	0.566
105	56	14.358	14.812	0.454
105	57	14.457	14.640	0.183
105	58	14.607	14.635	0.028
105	59	14.458	14.716	0.258
105	60	14.430	14.364	-0.066
105	61	14.376	14.452	0.076
105	62	14.396	14.859	0.463
105	63	14.183	14.652	0.469
105	64	14.814	14.495	-0.319
105	65	14.431	14.576	0.145
105	66	14.161	14.875	0.714
105	67	14.392	14.756	0.364
	Max	14.841	15.156	0.830
	Average	14.441	14.527	0.087
	Min	14.084	13.960	-0.756
	Std Dev	0.154	0.227	0.291



	5.63_IDD_ACT_2M_14V										
Test Site											
Tester											
Test Number											
Max Limit	19.5	mA									
Min Limit		mA									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	14.594	14.449	14.363	14.098	14.243	13.960	14.302	14.268	14.046	14.470	14.364
Average	14.639	14.512	14.437	14.273	14.367	14.280	14.382	14.533	14.392	14.677	14.715
Max	14.672	14.547	14.511	14.362	14.491	14.497	14.488	14.625	14.587	15.052	15.156
UL	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500	19.500

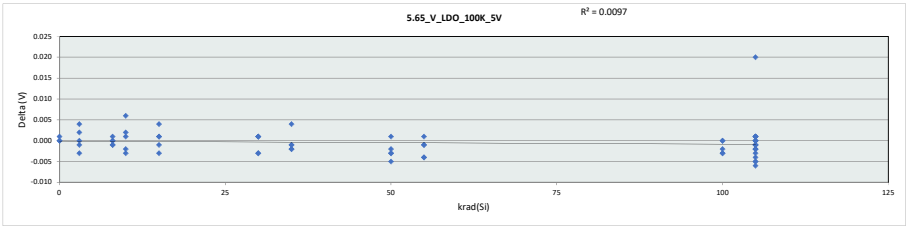


HDR TID Report
TPS7H5001-SP QMLP

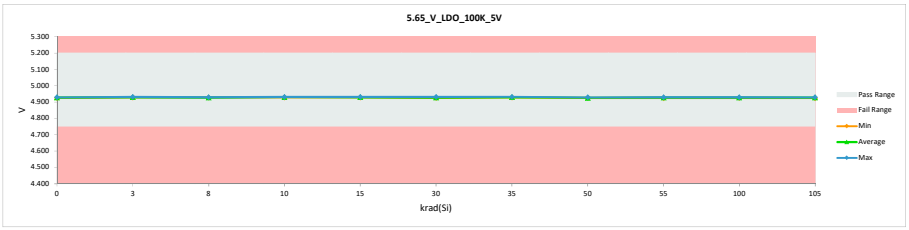
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.65_V_LDO_100K_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.1	5.2
Min Limit	4.85	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	4.928	4.929	0.001
0	992	4.929	4.929	0.000
0	993	4.926	4.926	0.000
3	1	4.929	4.931	0.002
3	2	4.932	4.929	-0.003
3	3	4.929	4.929	0.000
3	4	4.926	4.930	0.004
3	5	4.929	4.928	-0.001
8	6	4.928	4.929	0.001
8	7	4.930	4.930	0.000
8	8	4.928	4.928	0.000
8	9	4.929	4.928	-0.001
8	10	4.929	4.928	-0.001
10	11	4.931	4.928	-0.003
10	12	4.930	4.931	0.001
10	13	4.929	4.931	0.002
10	14	4.931	4.929	-0.002
10	15	4.925	4.931	0.006
15	16	4.927	4.928	0.001
15	17	4.930	4.929	-0.001
15	18	4.927	4.931	0.004
15	19	4.928	4.929	0.001
15	20	4.931	4.928	-0.003
30	21	4.930	4.927	-0.003
30	22	4.929	4.930	0.001
30	23	4.929	4.926	-0.003
30	24	4.927	4.928	0.001
30	25	4.930	4.931	0.001
35	26	4.928	4.932	0.004
35	27	4.931	4.929	-0.002
35	28	4.931	4.929	-0.002
35	29	4.929	4.928	-0.001
35	30	4.929	4.928	-0.001
50	31	4.930	4.925	-0.005
50	32	4.928	4.926	-0.002
50	33	4.929	4.926	-0.003
50	34	4.930	4.927	-0.003
50	35	4.928	4.929	0.001
55	36	4.928	4.927	-0.001
55	37	4.928	4.924	-0.004
55	38	4.928	4.929	0.001
55	39	4.931	4.930	-0.001
55	40	4.931	4.927	-0.004
100	41	4.929	4.929	0.000
100	42	4.930	4.930	0.000
100	43	4.929	4.927	-0.002
100	44	4.929	4.926	-0.003
100	45	4.931	4.928	-0.003
105	46	4.929	4.927	-0.002
105	47	4.929	4.929	0.000
105	48	4.927	4.926	-0.001
105	49	4.930	4.926	-0.004
105	50	4.927	4.928	0.001
105	51	4.928	4.928	0.000
105	52	4.930	4.928	-0.002
105	53	4.932	4.927	-0.005
105	54	4.930	4.929	-0.001
105	55	4.930	4.924	-0.006
105	56	4.929	4.926	-0.003
105	57	4.928	4.929	0.001
105	58	4.906	4.926	0.020
105	59	4.927	4.927	0.000
105	60	4.927	4.928	0.001
105	61	4.928	4.929	0.001
105	62	4.930	4.929	-0.001
105	63	4.930	4.928	-0.002
105	64	4.925	4.924	-0.001
105	65	4.928	4.929	0.001
105	66	4.931	4.926	-0.005
105	67	4.929	4.929	0.000
	Max	4.932	4.932	0.020
	Average	4.929	4.928	0.000
	Min	4.906	4.924	-0.006
	Std Dev	0.003	0.002	0.003



	5.65_V_LDO_100K_5V										
Test Site											
Tester											
Test Number											
Max Limit	5.2	V									
Min Limit	4.75	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.926	4.928	4.928	4.928	4.928	4.926	4.928	4.925	4.924	4.926	4.924
Average	4.928	4.929	4.929	4.930	4.929	4.928	4.929	4.927	4.927	4.928	4.927
Max	4.929	4.931	4.930	4.931	4.931	4.931	4.932	4.929	4.930	4.930	4.929
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

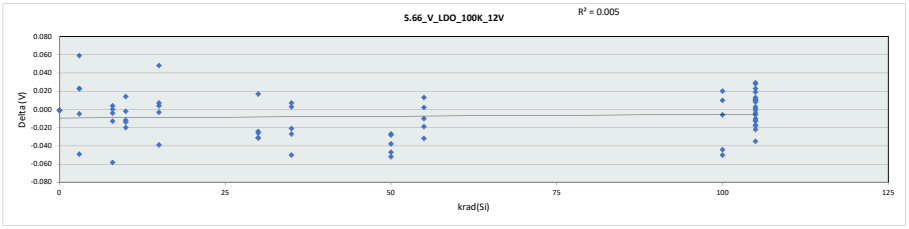


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

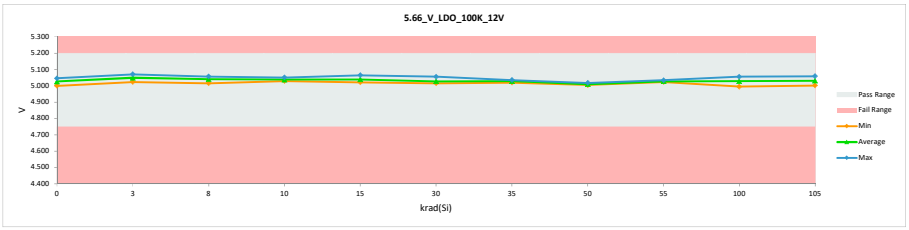
	5.66_V_LDO_100K_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.85	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.047	5.046	-0.001
0	992	5.034	5.033	-0.001
0	993	5.001	5.000	-0.001
3	1	5.033	5.056	0.023
3	2	5.072	5.023	-0.049
3	3	5.011	5.070	0.059
3	4	5.050	5.045	-0.005
3	5	5.028	5.051	0.023
8	6	5.057	5.057	0.000
8	7	5.048	5.035	-0.013
8	8	5.046	5.050	0.004
8	9	5.073	5.015	-0.058
8	10	5.050	5.046	-0.004
10	11	5.041	5.029	-0.012
10	12	5.043	5.029	-0.014
10	13	5.037	5.051	0.014
10	14	5.032	5.030	-0.002
10	15	5.071	5.051	-0.020
15	16	5.046	5.043	-0.003
15	17	5.070	5.031	-0.039
15	18	5.017	5.065	0.048
15	19	5.015	5.022	0.007
15	20	5.033	5.037	0.004
30	21	5.050	5.026	-0.024
30	22	5.052	5.021	-0.031
30	23	5.045	5.019	-0.026
30	24	5.039	5.056	0.017
30	25	5.046	5.015	-0.031
35	26	5.028	5.031	0.003
35	27	5.052	5.025	-0.027
35	28	5.056	5.035	-0.021
35	29	5.023	5.030	0.007
35	30	5.069	5.019	-0.050
50	31	5.045	5.017	-0.028
50	32	5.052	5.005	-0.047
50	33	5.057	5.005	-0.052
50	34	5.037	5.010	-0.027
50	35	5.051	5.013	-0.038
55	36	5.016	5.029	0.013
55	37	5.045	5.026	-0.019
55	38	5.032	5.034	0.002
55	39	5.033	5.023	-0.010
55	40	5.056	5.024	-0.032
100	41	5.030	5.024	-0.006
100	42	5.036	5.056	0.020
100	43	5.045	4.995	-0.050
100	44	5.032	5.042	0.010
100	45	5.067	5.023	-0.044
105	46	5.026	5.045	0.019
105	47	5.038	5.039	0.001
105	48	5.036	5.059	0.023
105	49	5.029	5.058	0.029
105	50	5.026	5.037	0.011
105	51	5.059	5.024	-0.035
105	52	5.019	5.022	0.003
105	53	5.030	5.020	-0.010
105	54	5.023	5.011	-0.012
105	55	5.037	5.050	0.013
105	56	5.030	5.029	-0.001
105	57	5.030	5.058	0.028
105	58	5.024	5.007	-0.017
105	59	5.024	5.002	-0.022
105	60	5.012	5.021	0.009
105	61	5.018	5.026	0.008
105	62	5.021	5.031	0.010
105	63	5.037	5.031	-0.006
105	64	5.039	5.026	-0.013
105	65	5.033	5.029	-0.004
105	66	5.035	5.017	-0.018
105	67	5.032	5.043	0.011
	Max	5.073	5.070	0.059
	Average	5.039	5.031	-0.007
	Min	5.001	4.995	-0.058
	Std Dev	0.016	0.017	0.024



	5.66_V_LDO_100K_12V	
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.000	5.023	5.015	5.029	5.022	5.015	5.019	5.005	5.023	4.995	5.002
Average	5.026	5.049	5.041	5.038	5.040	5.027	5.028	5.010	5.027	5.028	5.031
Max	5.046	5.070	5.057	5.051	5.065	5.056	5.035	5.017	5.034	5.056	5.059
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

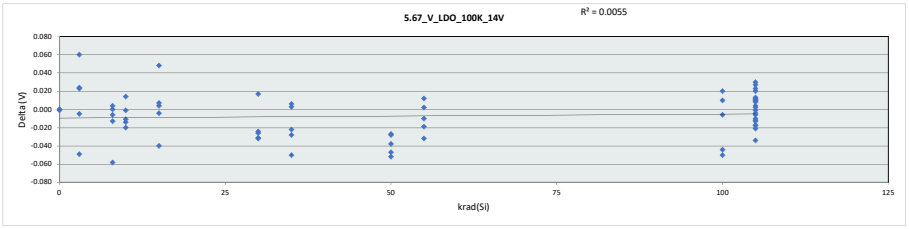


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

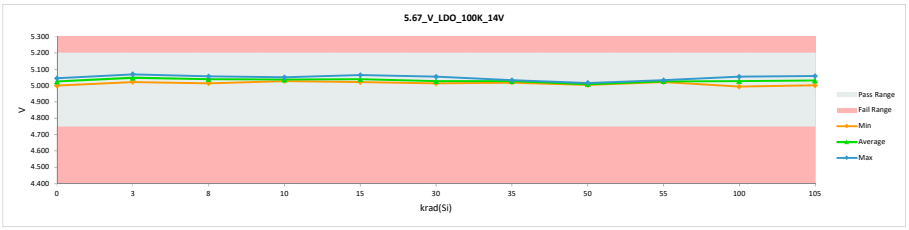
	5.67_V_LDO_100K_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.85	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.046	5.046	0.000
0	992	5.033	5.033	0.000
0	993	5.001	5.000	-0.001
3	1	5.032	5.056	0.024
3	2	5.072	5.023	-0.049
3	3	5.010	5.070	0.060
3	4	5.050	5.045	-0.005
3	5	5.028	5.051	0.023
8	6	5.057	5.057	0.000
8	7	5.048	5.035	-0.013
8	8	5.046	5.050	0.004
8	9	5.073	5.015	-0.058
8	10	5.051	5.045	-0.006
10	11	5.040	5.029	-0.011
10	12	5.043	5.029	-0.014
10	13	5.037	5.051	0.014
10	14	5.031	5.030	-0.001
10	15	5.071	5.051	-0.020
15	16	5.046	5.042	-0.004
15	17	5.070	5.030	-0.040
15	18	5.017	5.065	0.048
15	19	5.015	5.022	0.007
15	20	5.033	5.037	0.004
30	21	5.050	5.026	-0.024
30	22	5.052	5.021	-0.031
30	23	5.045	5.019	-0.026
30	24	5.039	5.056	0.017
30	25	5.046	5.014	-0.032
35	26	5.028	5.031	0.003
35	27	5.052	5.024	-0.028
35	28	5.056	5.034	-0.022
35	29	5.023	5.029	0.006
35	30	5.069	5.019	-0.050
50	31	5.045	5.017	-0.028
50	32	5.052	5.005	-0.047
50	33	5.057	5.005	-0.052
50	34	5.037	5.010	-0.027
50	35	5.051	5.013	-0.038
55	36	5.016	5.028	0.012
55	37	5.045	5.026	-0.019
55	38	5.032	5.034	0.002
55	39	5.033	5.023	-0.010
55	40	5.056	5.024	-0.032
100	41	5.030	5.024	-0.006
100	42	5.036	5.056	0.020
100	43	5.045	4.995	-0.050
100	44	5.032	5.042	0.010
100	45	5.067	5.023	-0.044
105	46	5.025	5.045	0.020
105	47	5.037	5.039	0.002
105	48	5.036	5.059	0.023
105	49	5.029	5.059	0.030
105	50	5.025	5.037	0.012
105	51	5.058	5.024	-0.034
105	52	5.018	5.022	0.004
105	53	5.030	5.020	-0.010
105	54	5.023	5.011	-0.012
105	55	5.037	5.050	0.013
105	56	5.030	5.029	-0.001
105	57	5.030	5.057	0.027
105	58	5.024	5.007	-0.017
105	59	5.024	5.003	-0.021
105	60	5.012	5.021	0.009
105	61	5.017	5.025	0.008
105	62	5.021	5.031	0.010
105	63	5.037	5.031	-0.006
105	64	5.039	5.026	-0.013
105	65	5.033	5.029	-0.004
105	66	5.035	5.017	-0.018
105	67	5.032	5.043	0.011
	Max	5.073	5.070	0.060
	Average	5.039	5.031	-0.007
	Min	5.001	4.995	-0.058
	Std Dev	0.016	0.017	0.024



	5.67_V_LDO_100K_14V	
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.000	5.023	5.015	5.029	5.022	5.014	5.019	5.005	5.023	4.995	5.003
Average	5.026	5.049	5.040	5.038	5.039	5.027	5.027	5.010	5.027	5.028	5.031
Max	5.046	5.070	5.057	5.051	5.065	5.056	5.034	5.017	5.034	5.056	5.059
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

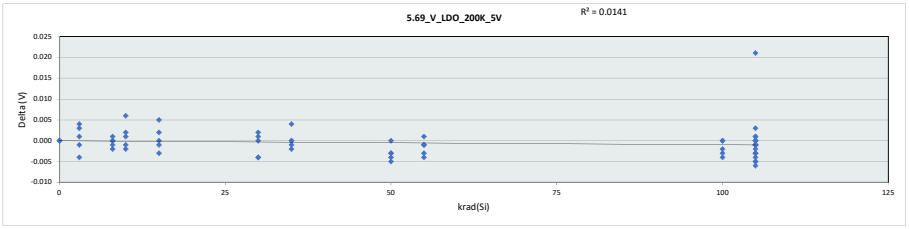


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

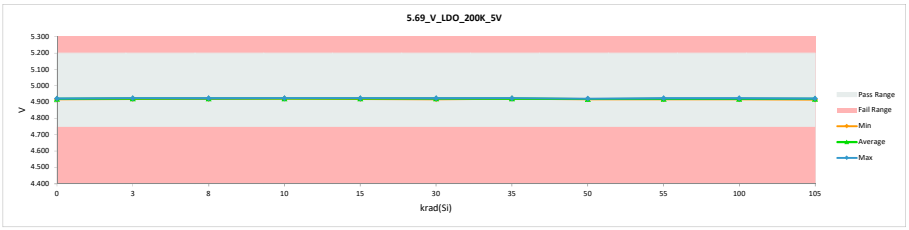
	5.69_V_LDO_200K_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.1	5.2
Min Limit	4.84	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	4.921	4.921	0.000
0	992	4.922	4.922	0.000
0	993	4.918	4.918	0.000
3	1	4.921	4.924	0.003
3	2	4.925	4.921	-0.004
3	3	4.921	4.922	0.001
3	4	4.918	4.922	0.004
3	5	4.921	4.920	-0.001
8	6	4.921	4.922	0.001
8	7	4.923	4.923	0.000
8	8	4.921	4.921	0.000
8	9	4.922	4.921	-0.001
8	10	4.922	4.920	-0.002
10	11	4.923	4.921	-0.002
10	12	4.922	4.924	0.002
10	13	4.922	4.923	0.001
10	14	4.923	4.922	-0.001
10	15	4.917	4.923	0.006
15	16	4.919	4.921	0.002
15	17	4.923	4.922	-0.001
15	18	4.919	4.924	0.005
15	19	4.921	4.921	0.000
15	20	4.923	4.920	-0.003
30	21	4.923	4.919	-0.004
30	22	4.922	4.923	0.001
30	23	4.922	4.918	-0.004
30	24	4.919	4.921	0.002
30	25	4.923	4.923	0.000
35	26	4.920	4.924	0.004
35	27	4.923	4.922	-0.001
35	28	4.924	4.922	-0.002
35	29	4.921	4.921	0.000
35	30	4.921	4.921	0.000
50	31	4.922	4.917	-0.005
50	32	4.920	4.917	-0.003
50	33	4.922	4.918	-0.004
50	34	4.922	4.919	-0.003
50	35	4.921	4.921	0.000
55	36	4.921	4.920	-0.001
55	37	4.920	4.917	-0.003
55	38	4.921	4.922	0.001
55	39	4.924	4.923	-0.001
55	40	4.924	4.920	-0.004
100	41	4.921	4.921	0.000
100	42	4.923	4.923	0.000
100	43	4.921	4.919	-0.002
100	44	4.922	4.918	-0.004
100	45	4.923	4.920	-0.003
105	46	4.922	4.919	-0.003
105	47	4.921	4.922	0.001
105	48	4.919	4.918	-0.001
105	49	4.923	4.918	-0.005
105	50	4.920	4.920	0.000
105	51	4.921	4.921	0.000
105	52	4.923	4.921	-0.002
105	53	4.924	4.919	-0.005
105	54	4.922	4.921	-0.001
105	55	4.922	4.916	-0.006
105	56	4.921	4.918	-0.003
105	57	4.921	4.921	0.000
105	58	4.897	4.918	0.021
105	59	4.920	4.919	-0.001
105	60	4.918	4.921	0.003
105	61	4.920	4.921	0.001
105	62	4.922	4.921	-0.001
105	63	4.923	4.920	-0.003
105	64	4.917	4.916	-0.001
105	65	4.921	4.921	0.000
105	66	4.923	4.919	-0.004
105	67	4.922	4.921	-0.001
	Max	4.925	4.924	0.021
	Average	4.921	4.921	-0.001
	Min	4.897	4.916	-0.006
	Std Dev	0.003	0.002	0.004



	5.69_V_LDO_200K_5V	
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.918	4.920	4.920	4.921	4.920	4.918	4.921	4.917	4.917	4.918	4.916
Average	4.920	4.922	4.921	4.923	4.922	4.921	4.922	4.918	4.920	4.920	4.920
Max	4.922	4.924	4.923	4.924	4.924	4.923	4.924	4.921	4.923	4.923	4.922
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

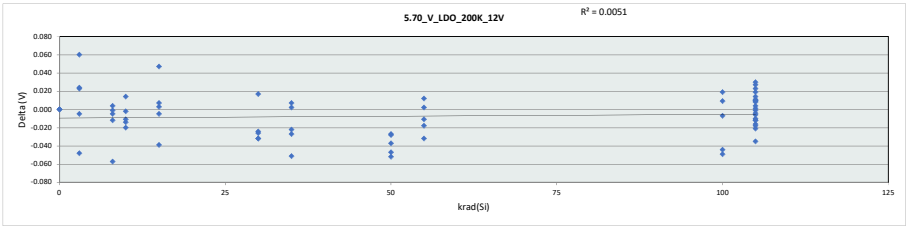


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

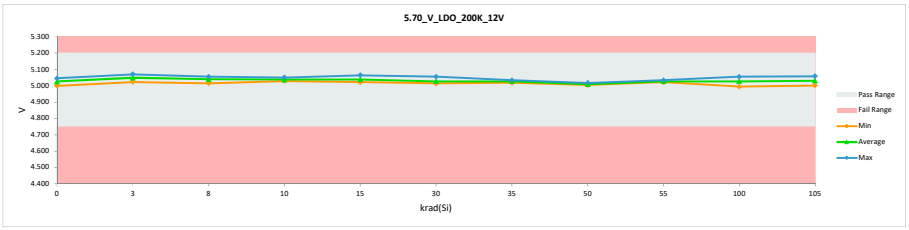
	5.70_V_LDO_200K_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.84	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.046	5.046	0.000
0	992	5.033	5.033	0.000
0	993	5.000	5.000	0.000
3	1	5.032	5.056	0.024
3	2	5.071	5.023	-0.048
3	3	5.010	5.070	0.060
3	4	5.050	5.045	-0.005
3	5	5.028	5.051	0.023
8	6	5.057	5.056	-0.001
8	7	5.047	5.035	-0.012
8	8	5.045	5.049	0.004
8	9	5.072	5.015	-0.057
8	10	5.050	5.045	-0.005
10	11	5.040	5.029	-0.011
10	12	5.043	5.029	-0.014
10	13	5.037	5.051	0.014
10	14	5.031	5.029	-0.002
10	15	5.071	5.051	-0.020
15	16	5.046	5.041	-0.005
15	17	5.069	5.030	-0.039
15	18	5.017	5.064	0.047
15	19	5.015	5.022	0.007
15	20	5.033	5.036	0.003
30	21	5.050	5.026	-0.024
30	22	5.052	5.020	-0.032
30	23	5.044	5.018	-0.026
30	24	5.039	5.056	0.017
30	25	5.046	5.014	-0.032
35	26	5.028	5.030	0.002
35	27	5.051	5.024	-0.027
35	28	5.056	5.034	-0.022
35	29	5.022	5.029	0.007
35	30	5.069	5.018	-0.051
50	31	5.045	5.017	-0.028
50	32	5.052	5.005	-0.047
50	33	5.057	5.005	-0.052
50	34	5.037	5.010	-0.027
50	35	5.050	5.013	-0.037
55	36	5.016	5.028	0.012
55	37	5.044	5.026	-0.018
55	38	5.032	5.034	0.002
55	39	5.033	5.022	-0.011
55	40	5.056	5.024	-0.032
100	41	5.030	5.023	-0.007
100	42	5.036	5.055	0.019
100	43	5.044	4.995	-0.049
100	44	5.032	5.041	0.009
100	45	5.066	5.022	-0.044
105	46	5.025	5.044	0.019
105	47	5.037	5.038	0.001
105	48	5.035	5.058	0.023
105	49	5.028	5.058	0.030
105	50	5.025	5.036	0.011
105	51	5.058	5.023	-0.035
105	52	5.018	5.022	0.004
105	53	5.030	5.020	-0.010
105	54	5.023	5.011	-0.012
105	55	5.036	5.050	0.014
105	56	5.030	5.029	-0.001
105	57	5.030	5.057	0.027
105	58	5.023	5.007	-0.016
105	59	5.023	5.002	-0.021
105	60	5.012	5.021	0.009
105	61	5.017	5.025	0.008
105	62	5.020	5.030	0.010
105	63	5.037	5.031	-0.006
105	64	5.038	5.026	-0.012
105	65	5.032	5.028	-0.004
105	66	5.035	5.017	-0.018
105	67	5.032	5.042	0.010
	Max	5.072	5.070	0.060
	Average	5.038	5.031	-0.007
	Min	5.000	4.995	-0.057
	Std Dev	0.016	0.017	0.024



	5.70_V_LDO_200K_12V	
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.000	5.023	5.015	5.029	5.022	5.014	5.018	5.005	5.022	4.995	5.002
Average	5.026	5.049	5.040	5.038	5.039	5.027	5.027	5.010	5.027	5.027	5.031
Max	5.046	5.070	5.056	5.051	5.064	5.056	5.034	5.017	5.034	5.055	5.058
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

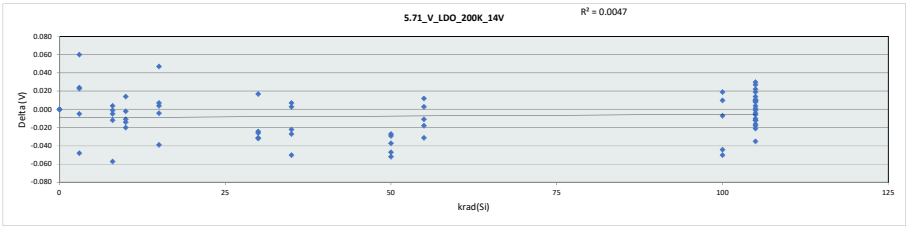


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

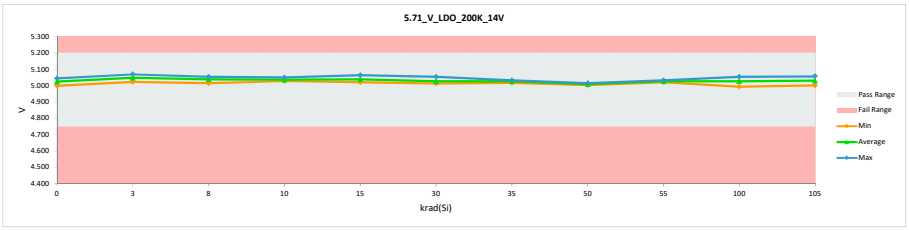
	5.71_V_LDO_200K_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.84	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.046	5.046	0.000
0	992	5.033	5.033	0.000
0	993	5.000	5.000	0.000
3	1	5.032	5.056	0.024
3	2	5.071	5.023	-0.048
3	3	5.010	5.070	0.060
3	4	5.050	5.045	-0.005
3	5	5.028	5.051	0.023
8	6	5.057	5.056	-0.001
8	7	5.047	5.035	-0.012
8	8	5.045	5.049	0.004
8	9	5.072	5.015	-0.057
8	10	5.050	5.045	-0.005
10	11	5.040	5.029	-0.011
10	12	5.043	5.029	-0.014
10	13	5.037	5.051	0.014
10	14	5.031	5.029	-0.002
10	15	5.071	5.051	-0.020
15	16	5.046	5.042	-0.004
15	17	5.069	5.030	-0.039
15	18	5.017	5.064	0.047
15	19	5.015	5.022	0.007
15	20	5.032	5.036	0.004
30	21	5.050	5.026	-0.024
30	22	5.052	5.020	-0.032
30	23	5.044	5.018	-0.026
30	24	5.039	5.056	0.017
30	25	5.045	5.014	-0.031
35	26	5.027	5.030	0.003
35	27	5.051	5.024	-0.027
35	28	5.056	5.034	-0.022
35	29	5.022	5.029	0.007
35	30	5.068	5.018	-0.050
50	31	5.045	5.016	-0.029
50	32	5.052	5.005	-0.047
50	33	5.057	5.005	-0.052
50	34	5.037	5.010	-0.027
50	35	5.050	5.013	-0.037
55	36	5.016	5.028	0.012
55	37	5.044	5.026	-0.018
55	38	5.031	5.034	0.003
55	39	5.033	5.022	-0.011
55	40	5.055	5.024	-0.031
100	41	5.030	5.023	-0.007
100	42	5.036	5.055	0.019
100	43	5.044	4.994	-0.050
100	44	5.031	5.041	0.010
100	45	5.066	5.022	-0.044
105	46	5.025	5.044	0.019
105	47	5.037	5.038	0.001
105	48	5.035	5.057	0.022
105	49	5.028	5.058	0.030
105	50	5.025	5.036	0.011
105	51	5.058	5.023	-0.035
105	52	5.018	5.022	0.004
105	53	5.030	5.020	-0.010
105	54	5.023	5.011	-0.012
105	55	5.036	5.050	0.014
105	56	5.030	5.029	-0.001
105	57	5.030	5.057	0.027
105	58	5.023	5.007	-0.016
105	59	5.023	5.002	-0.021
105	60	5.012	5.021	0.009
105	61	5.017	5.025	0.008
105	62	5.020	5.030	0.010
105	63	5.037	5.031	-0.006
105	64	5.038	5.026	-0.012
105	65	5.032	5.028	-0.004
105	66	5.035	5.017	-0.018
105	67	5.032	5.042	0.010
	Max	5.072	5.070	0.060
	Average	5.038	5.031	-0.007
	Min	5.000	4.994	-0.057
	Std Dev	0.016	0.017	0.024



	5.71_V_LDO_200K_14V	
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.000	5.023	5.015	5.029	5.022	5.014	5.018	5.005	5.022	4.994	5.002
Average	5.026	5.049	5.040	5.038	5.039	5.027	5.027	5.010	5.027	5.027	5.031
Max	5.046	5.070	5.056	5.051	5.064	5.056	5.034	5.016	5.034	5.055	5.058
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

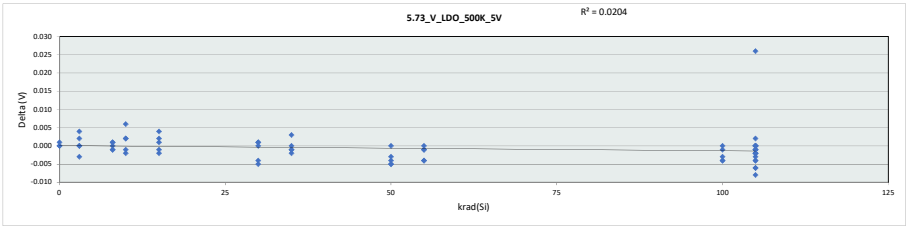


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

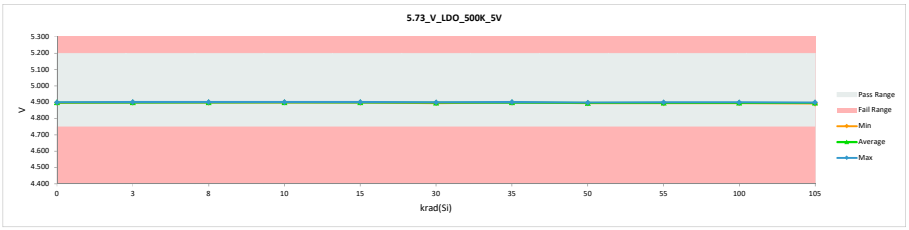
	5.73_V_LDO_500K_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.1	5.2
Min Limit	4.81	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	4.898	4.898	0.000
0	992	4.899	4.899	0.000
0	993	4.895	4.896	0.001
3	1	4.898	4.900	0.002
3	2	4.901	4.898	-0.003
3	3	4.898	4.898	0.000
3	4	4.895	4.899	0.004
3	5	4.897	4.897	0.000
8	6	4.897	4.898	0.001
8	7	4.899	4.900	0.001
8	8	4.897	4.897	0.000
8	9	4.898	4.897	-0.001
8	10	4.898	4.897	-0.001
10	11	4.899	4.898	-0.001
10	12	4.898	4.900	0.002
10	13	4.898	4.900	0.002
10	14	4.900	4.898	-0.002
10	15	4.894	4.900	0.006
15	16	4.896	4.898	0.002
15	17	4.899	4.898	-0.001
15	18	4.896	4.900	0.004
15	19	4.897	4.898	0.001
15	20	4.899	4.897	-0.002
30	21	4.899	4.895	-0.004
30	22	4.898	4.899	0.001
30	23	4.899	4.894	-0.005
30	24	4.896	4.897	0.001
30	25	4.899	4.899	0.000
35	26	4.897	4.900	0.003
35	27	4.899	4.898	-0.001
35	28	4.900	4.898	-0.002
35	29	4.898	4.898	0.000
35	30	4.898	4.897	-0.001
50	31	4.899	4.894	-0.005
50	32	4.897	4.894	-0.003
50	33	4.898	4.893	-0.005
50	34	4.899	4.895	-0.004
50	35	4.897	4.897	0.000
55	36	4.897	4.896	-0.001
55	37	4.897	4.893	-0.004
55	38	4.898	4.898	0.000
55	39	4.900	4.899	-0.001
55	40	4.900	4.896	-0.004
100	41	4.898	4.897	-0.001
100	42	4.899	4.899	0.000
100	43	4.898	4.895	-0.003
100	44	4.898	4.894	-0.004
100	45	4.900	4.896	-0.004
105	46	4.898	4.896	-0.002
105	47	4.898	4.898	0.000
105	48	4.896	4.895	-0.001
105	49	4.899	4.895	-0.004
105	50	4.896	4.896	0.000
105	51	4.897	4.897	0.000
105	52	4.899	4.897	-0.002
105	53	4.901	4.895	-0.006
105	54	4.898	4.897	-0.001
105	55	4.899	4.891	-0.008
105	56	4.898	4.894	-0.004
105	57	4.897	4.897	0.000
105	58	4.867	4.893	0.026
105	59	4.896	4.895	-0.001
105	60	4.895	4.897	0.002
105	61	4.897	4.897	0.000
105	62	4.899	4.898	-0.001
105	63	4.899	4.897	-0.002
105	64	4.894	4.891	-0.003
105	65	4.897	4.897	0.000
105	66	4.900	4.894	-0.006
105	67	4.899	4.897	-0.002
	Max	4.901	4.900	0.026
	Average	4.897	4.897	-0.001
	Min	4.867	4.891	-0.008
	Std Dev	0.004	0.002	0.004



	5.73_V_LDO_500K_5V	
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.896	4.897	4.897	4.898	4.897	4.894	4.897	4.893	4.893	4.894	4.891
Average	4.898	4.898	4.898	4.899	4.898	4.897	4.898	4.895	4.896	4.896	4.896
Max	4.899	4.900	4.900	4.900	4.900	4.899	4.900	4.897	4.899	4.899	4.898
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

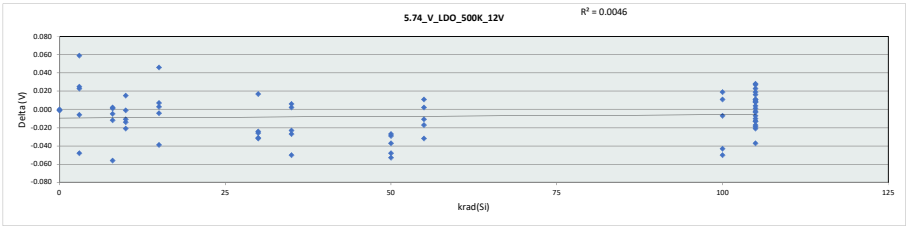


HDR TID Report
TPS7H5001-SP QMLP

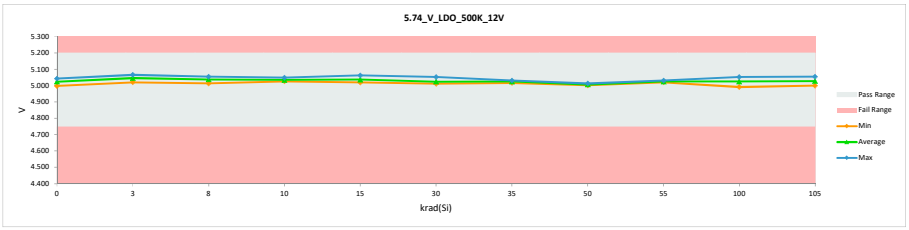
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.74_V_LDO_500K_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.81	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.045	5.044	-0.001
0	992	5.032	5.031	-0.001
0	993	4.999	4.999	0.000
3	1	5.030	5.055	0.025
3	2	5.069	5.021	-0.048
3	3	5.008	5.067	0.059
3	4	5.049	5.043	-0.006
3	5	5.027	5.050	0.023
8	6	5.054	5.055	0.001
8	7	5.045	5.033	-0.012
8	8	5.045	5.047	0.002
8	9	5.070	5.014	-0.056
8	10	5.049	5.044	-0.005
10	11	5.038	5.027	-0.011
10	12	5.041	5.027	-0.014
10	13	5.034	5.049	0.015
10	14	5.029	5.028	-0.001
10	15	5.071	5.050	-0.021
15	16	5.044	5.040	-0.004
15	17	5.067	5.028	-0.039
15	18	5.017	5.063	0.046
15	19	5.013	5.020	0.007
15	20	5.031	5.034	0.003
30	21	5.048	5.024	-0.024
30	22	5.050	5.019	-0.031
30	23	5.042	5.016	-0.026
30	24	5.037	5.054	0.017
30	25	5.044	5.012	-0.032
35	26	5.026	5.028	0.002
35	27	5.050	5.023	-0.027
35	28	5.055	5.032	-0.023
35	29	5.021	5.027	0.006
35	30	5.067	5.017	-0.050
50	31	5.043	5.014	-0.029
50	32	5.051	5.003	-0.048
50	33	5.056	5.003	-0.053
50	34	5.035	5.008	-0.027
50	35	5.048	5.011	-0.037
55	36	5.015	5.026	0.011
55	37	5.043	5.026	-0.017
55	38	5.030	5.032	0.002
55	39	5.032	5.021	-0.011
55	40	5.054	5.022	-0.032
100	41	5.028	5.021	-0.007
100	42	5.034	5.053	0.019
100	43	5.042	4.992	-0.050
100	44	5.029	5.040	0.011
100	45	5.064	5.021	-0.043
105	46	5.023	5.042	0.019
105	47	5.035	5.036	0.001
105	48	5.033	5.056	0.023
105	49	5.027	5.055	0.028
105	50	5.023	5.034	0.011
105	51	5.057	5.020	-0.037
105	52	5.016	5.020	0.004
105	53	5.028	5.018	-0.010
105	54	5.022	5.009	-0.013
105	55	5.034	5.050	0.016
105	56	5.029	5.027	-0.002
105	57	5.028	5.055	0.027
105	58	5.022	5.005	-0.017
105	59	5.021	5.000	-0.021
105	60	5.010	5.018	0.008
105	61	5.015	5.023	0.008
105	62	5.018	5.029	0.011
105	63	5.035	5.028	-0.007
105	64	5.038	5.025	-0.013
105	65	5.030	5.027	-0.003
105	66	5.034	5.015	-0.019
105	67	5.031	5.040	0.009
	Max	5.071	5.067	0.059
	Average	5.037	5.029	-0.007
	Min	4.999	4.992	-0.056
	Std Dev	0.016	0.017	0.024



	5.74_V_LDO_500K_12V										
Test Site											
Tester											
Test Number											
Max Limit	5.2	V									
Min Limit	4.75	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.999	5.021	5.014	5.027	5.020	5.012	5.017	5.003	5.021	4.992	5.000
Average	5.025	5.047	5.039	5.036	5.037	5.025	5.025	5.008	5.025	5.025	5.029
Max	5.044	5.067	5.055	5.050	5.063	5.054	5.032	5.014	5.032	5.053	5.056
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

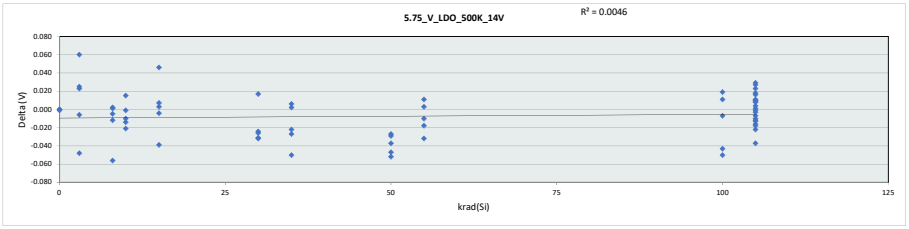


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

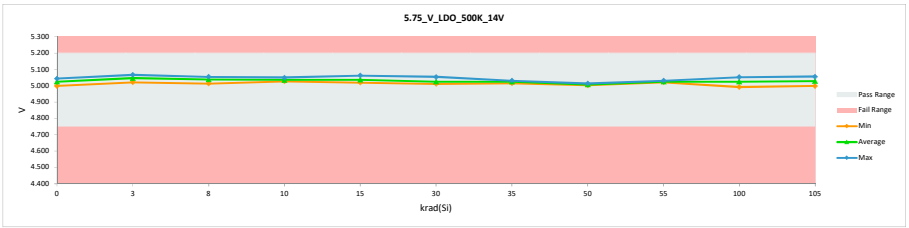
	5.75_V_LDO_500K_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.81	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.044	5.044	0.000
0	992	5.032	5.031	-0.001
0	993	4.999	4.999	0.000
3	1	5.030	5.055	0.025
3	2	5.069	5.021	-0.048
3	3	5.007	5.067	0.060
3	4	5.049	5.043	-0.006
3	5	5.027	5.050	0.023
8	6	5.054	5.055	0.001
8	7	5.045	5.033	-0.012
8	8	5.045	5.047	0.002
8	9	5.070	5.014	-0.056
8	10	5.049	5.044	-0.005
10	11	5.037	5.027	-0.010
10	12	5.041	5.027	-0.014
10	13	5.034	5.049	0.015
10	14	5.029	5.028	-0.001
10	15	5.071	5.050	-0.021
15	16	5.044	5.040	-0.004
15	17	5.067	5.028	-0.039
15	18	5.016	5.062	0.046
15	19	5.013	5.020	0.007
15	20	5.031	5.034	0.003
30	21	5.048	5.024	-0.024
30	22	5.050	5.019	-0.031
30	23	5.042	5.016	-0.026
30	24	5.037	5.054	0.017
30	25	5.044	5.012	-0.032
35	26	5.026	5.028	0.002
35	27	5.050	5.023	-0.027
35	28	5.054	5.032	-0.022
35	29	5.021	5.027	0.006
35	30	5.066	5.016	-0.050
50	31	5.043	5.014	-0.029
50	32	5.050	5.003	-0.047
50	33	5.055	5.003	-0.052
50	34	5.035	5.008	-0.027
50	35	5.048	5.011	-0.037
55	36	5.015	5.026	0.011
55	37	5.043	5.025	-0.018
55	38	5.029	5.032	0.003
55	39	5.031	5.021	-0.010
55	40	5.054	5.022	-0.032
100	41	5.028	5.021	-0.007
100	42	5.034	5.053	0.019
100	43	5.042	4.992	-0.050
100	44	5.029	5.040	0.011
100	45	5.064	5.021	-0.043
105	46	5.023	5.041	0.018
105	47	5.035	5.036	0.001
105	48	5.033	5.056	0.023
105	49	5.026	5.055	0.029
105	50	5.023	5.034	0.011
105	51	5.057	5.020	-0.037
105	52	5.016	5.020	0.004
105	53	5.028	5.018	-0.010
105	54	5.021	5.009	-0.012
105	55	5.034	5.050	0.016
105	56	5.028	5.027	-0.001
105	57	5.028	5.055	0.027
105	58	5.021	5.005	-0.016
105	59	5.021	4.999	-0.022
105	60	5.010	5.018	0.008
105	61	5.015	5.023	0.008
105	62	5.018	5.028	0.010
105	63	5.035	5.028	-0.007
105	64	5.038	5.025	-0.013
105	65	5.030	5.027	-0.003
105	66	5.033	5.015	-0.018
105	67	5.030	5.040	0.010
	Max	5.071	5.067	0.060
	Average	5.036	5.029	-0.007
	Min	4.999	4.992	-0.056
	Std Dev	0.016	0.017	0.024



	5.75_V_LDO_500K_14V	
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.999	5.021	5.014	5.027	5.020	5.012	5.016	5.003	5.021	4.992	4.999
Average	5.025	5.047	5.039	5.036	5.037	5.025	5.025	5.008	5.025	5.025	5.029
Max	5.044	5.067	5.055	5.050	5.062	5.054	5.032	5.014	5.032	5.053	5.056
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

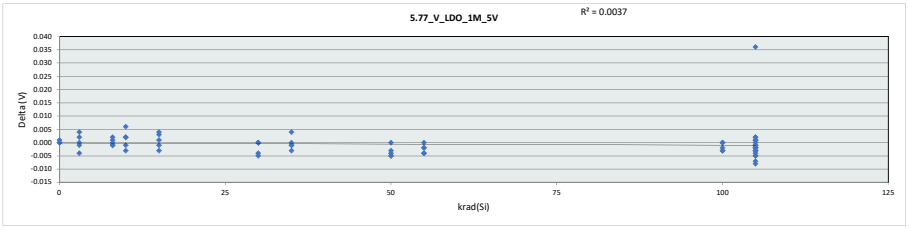


HDR TID Report
TPS7H5001-SP QMLP

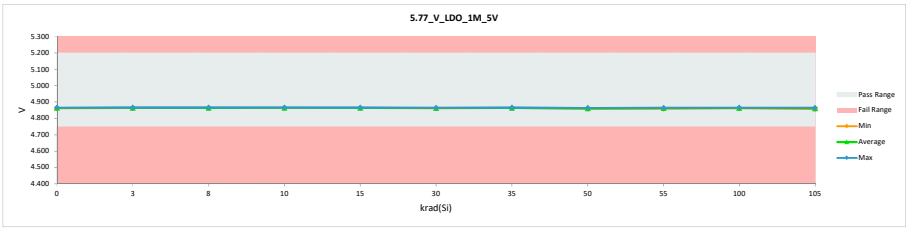
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.77_V_LDO_1M_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.1	5.2
Min Limit	4.75	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	4.865	4.865	0.000
0	992	4.865	4.866	0.001
0	993	4.861	4.861	0.000
3	1	4.865	4.867	0.002
3	2	4.868	4.864	-0.004
3	3	4.865	4.864	-0.001
3	4	4.862	4.866	0.004
3	5	4.863	4.863	0.000
8	6	4.863	4.865	0.002
8	7	4.866	4.867	0.001
8	8	4.865	4.864	-0.001
8	9	4.864	4.864	0.000
8	10	4.864	4.863	-0.001
10	11	4.865	4.864	-0.001
10	12	4.865	4.867	0.002
10	13	4.864	4.866	0.002
10	14	4.867	4.864	-0.003
10	15	4.860	4.866	0.006
15	16	4.861	4.864	0.003
15	17	4.865	4.864	-0.001
15	18	4.863	4.867	0.004
15	19	4.863	4.864	0.001
15	20	4.866	4.863	-0.003
30	21	4.866	4.862	-0.004
30	22	4.865	4.865	0.000
30	23	4.866	4.861	-0.005
30	24	4.863	4.863	0.000
30	25	4.865	4.865	0.000
35	26	4.863	4.867	0.004
35	27	4.865	4.864	-0.001
35	28	4.867	4.864	-0.003
35	29	4.864	4.864	0.000
35	30	4.864	4.863	-0.001
50	31	4.865	4.860	-0.005
50	32	4.863	4.860	-0.003
50	33	4.864	4.860	-0.004
50	34	4.866	4.861	-0.005
50	35	4.864	4.864	0.000
55	36	4.864	4.862	-0.002
55	37	4.863	4.859	-0.004
55	38	4.865	4.865	0.000
55	39	4.867	4.865	-0.002
55	40	4.866	4.862	-0.004
100	41	4.864	4.864	0.000
100	42	4.866	4.866	0.000
100	43	4.865	4.862	-0.003
100	44	4.863	4.861	-0.002
100	45	4.866	4.863	-0.003
105	46	4.864	4.862	-0.002
105	47	4.864	4.865	0.001
105	48	4.862	4.861	-0.001
105	49	4.866	4.861	-0.005
105	50	4.862	4.862	0.000
105	51	4.863	4.862	-0.001
105	52	4.865	4.863	-0.002
105	53	4.868	4.861	-0.007
105	54	4.865	4.862	-0.003
105	55	4.866	4.858	-0.008
105	56	4.864	4.860	-0.004
105	57	4.863	4.864	0.001
105	58	4.825	4.861	0.036
105	59	4.863	4.861	-0.002
105	60	4.861	4.863	0.002
105	61	4.863	4.865	0.002
105	62	4.865	4.864	-0.001
105	63	4.866	4.863	-0.003
105	64	4.861	4.858	-0.003
105	65	4.863	4.864	0.001
105	66	4.866	4.861	-0.005
105	67	4.865	4.863	-0.002
	Max	4.868	4.867	0.036
	Average	4.864	4.863	-0.001
	Min	4.825	4.858	-0.008
	Std Dev	0.005	0.002	0.005



	5.77_V_LDO_1M_5V										
Test Site											
Tester											
Test Number											
Max Limit	5.2	V									
Min Limit	4.75	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.861	4.863	4.863	4.864	4.863	4.861	4.863	4.860	4.859	4.861	4.858
Average	4.864	4.865	4.865	4.865	4.864	4.863	4.864	4.861	4.863	4.863	4.862
Max	4.866	4.867	4.867	4.867	4.867	4.865	4.867	4.864	4.865	4.866	4.865
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

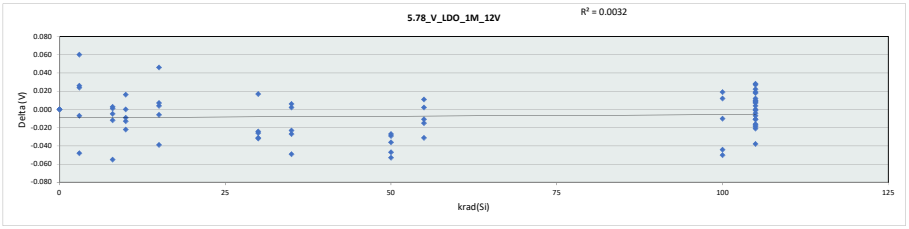


HDR TID Report
TPS7H5001-SP QMLP

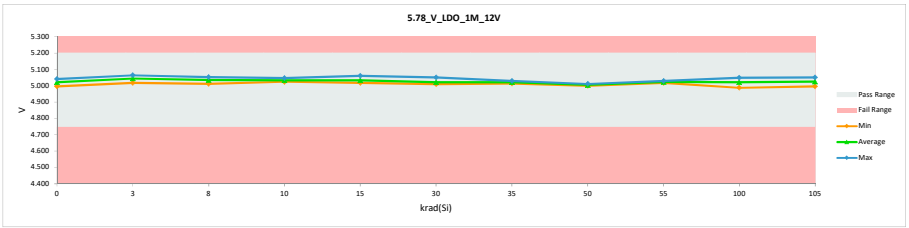
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.78_V_LDO_1M_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.85	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.041	5.041	0.000
0	992	5.028	5.028	0.000
0	993	4.996	4.996	0.000
3	1	5.026	5.052	0.026
3	2	5.066	5.018	-0.048
3	3	5.004	5.064	0.060
3	4	5.047	5.040	-0.007
3	5	5.024	5.048	0.024
8	6	5.050	5.053	0.003
8	7	5.042	5.030	-0.012
8	8	5.043	5.044	0.001
8	9	5.067	5.012	-0.055
8	10	5.046	5.041	-0.005
10	11	5.033	5.024	-0.009
10	12	5.037	5.024	-0.013
10	13	5.031	5.047	0.016
10	14	5.026	5.026	0.000
10	15	5.070	5.048	-0.022
15	16	5.042	5.036	-0.006
15	17	5.063	5.024	-0.039
15	18	5.014	5.060	0.046
15	19	5.010	5.017	0.007
15	20	5.027	5.031	0.004
30	21	5.045	5.021	-0.024
30	22	5.047	5.016	-0.031
30	23	5.038	5.012	-0.026
30	24	5.034	5.051	0.017
30	25	5.041	5.009	-0.032
35	26	5.023	5.025	0.002
35	27	5.047	5.020	-0.027
35	28	5.052	5.029	-0.023
35	29	5.018	5.024	0.006
35	30	5.063	5.014	-0.049
50	31	5.040	5.011	-0.029
50	32	5.048	5.001	-0.047
50	33	5.053	5.000	-0.053
50	34	5.032	5.005	-0.027
50	35	5.044	5.008	-0.036
55	36	5.012	5.023	0.011
55	37	5.040	5.025	-0.015
55	38	5.027	5.029	0.002
55	39	5.029	5.018	-0.011
55	40	5.051	5.020	-0.031
100	41	5.026	5.016	-0.010
100	42	5.031	5.050	0.019
100	43	5.038	4.988	-0.050
100	44	5.025	5.037	0.012
100	45	5.062	5.018	-0.044
105	46	5.020	5.038	0.018
105	47	5.032	5.032	0.000
105	48	5.030	5.052	0.022
105	49	5.024	5.052	0.028
105	50	5.019	5.031	0.012
105	51	5.054	5.016	-0.038
105	52	5.013	5.017	0.004
105	53	5.025	5.014	-0.011
105	54	5.019	5.008	-0.011
105	55	5.030	5.049	0.019
105	56	5.025	5.024	-0.001
105	57	5.024	5.051	0.027
105	58	5.018	5.002	-0.016
105	59	5.017	4.996	-0.021
105	60	5.007	5.014	0.007
105	61	5.012	5.020	0.008
105	62	5.015	5.025	0.010
105	63	5.032	5.025	-0.007
105	64	5.037	5.020	-0.017
105	65	5.027	5.023	-0.004
105	66	5.031	5.012	-0.019
105	67	5.028	5.037	0.009
	Max	5.070	5.064	0.060
	Average	5.033	5.026	-0.007
	Min	4.996	4.988	-0.055
	Std Dev	0.016	0.017	0.024



	5.78_V_LDO_1M_12V										
Test Site											
Tester											
Test Number											
Max Limit	5.2	V									
Min Limit	4.75	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.996	5.018	5.012	5.024	5.017	5.009	5.014	5.000	5.018	4.988	4.996
Average	5.022	5.044	5.036	5.034	5.034	5.022	5.022	5.005	5.023	5.022	5.025
Max	5.041	5.064	5.053	5.048	5.060	5.051	5.029	5.011	5.029	5.050	5.052
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

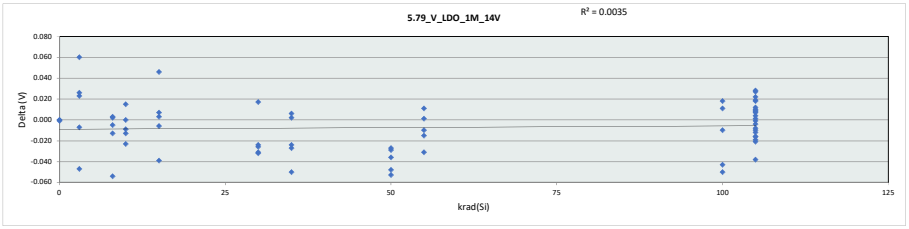


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

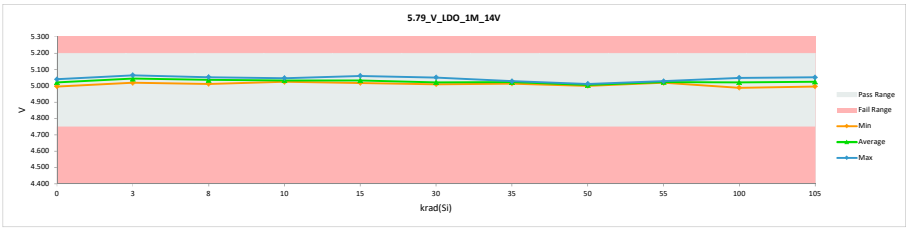
	5.79_V_LDO_1M_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.85	4.75

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.041	5.040	-0.001
0	992	5.028	5.028	0.000
0	993	4.996	4.996	0.000
3	1	5.026	5.052	0.026
3	2	5.065	5.018	-0.047
3	3	5.004	5.064	0.060
3	4	5.047	5.040	-0.007
3	5	5.024	5.047	0.023
8	6	5.050	5.053	0.003
8	7	5.042	5.029	-0.013
8	8	5.042	5.044	0.002
8	9	5.066	5.012	-0.054
8	10	5.046	5.041	-0.005
10	11	5.033	5.024	-0.009
10	12	5.037	5.024	-0.013
10	13	5.031	5.046	0.015
10	14	5.026	5.026	0.000
10	15	5.070	5.047	-0.023
15	16	5.042	5.036	-0.006
15	17	5.063	5.024	-0.039
15	18	5.014	5.060	0.046
15	19	5.010	5.017	0.007
15	20	5.027	5.030	0.003
30	21	5.045	5.021	-0.024
30	22	5.047	5.016	-0.031
30	23	5.038	5.012	-0.026
30	24	5.034	5.051	0.017
30	25	5.041	5.009	-0.032
35	26	5.023	5.025	0.002
35	27	5.047	5.020	-0.027
35	28	5.052	5.028	-0.024
35	29	5.018	5.024	0.006
35	30	5.063	5.013	-0.050
50	31	5.040	5.011	-0.029
50	32	5.048	5.000	-0.048
50	33	5.053	5.000	-0.053
50	34	5.032	5.005	-0.027
50	35	5.044	5.008	-0.036
55	36	5.012	5.023	0.011
55	37	5.040	5.025	-0.015
55	38	5.027	5.028	0.001
55	39	5.028	5.018	-0.010
55	40	5.051	5.020	-0.031
100	41	5.026	5.016	-0.010
100	42	5.031	5.049	0.018
100	43	5.038	4.988	-0.050
100	44	5.025	5.036	0.011
100	45	5.061	5.018	-0.043
105	46	5.020	5.038	0.018
105	47	5.031	5.032	0.001
105	48	5.029	5.051	0.022
105	49	5.024	5.052	0.028
105	50	5.019	5.031	0.012
105	51	5.054	5.016	-0.038
105	52	5.013	5.017	0.004
105	53	5.024	5.014	-0.010
105	54	5.019	5.007	-0.012
105	55	5.030	5.049	0.019
105	56	5.025	5.024	-0.001
105	57	5.024	5.051	0.027
105	58	5.018	5.002	-0.016
105	59	5.017	4.996	-0.021
105	60	5.007	5.014	0.007
105	61	5.012	5.020	0.008
105	62	5.015	5.025	0.010
105	63	5.032	5.024	-0.008
105	64	5.036	5.020	-0.016
105	65	5.027	5.023	-0.004
105	66	5.031	5.012	-0.019
105	67	5.028	5.037	0.009
	Max	5.070	5.064	0.060
	Average	5.033	5.026	-0.007
	Min	4.996	4.988	-0.054
	Std Dev	0.016	0.017	0.024



	5.79_V_LDO_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.996	5.018	5.012	5.024	5.017	5.009	5.013	5.000	5.018	4.988	4.996
Average	5.021	5.044	5.036	5.033	5.033	5.022	5.022	5.005	5.023	5.021	5.025
Max	5.040	5.064	5.053	5.047	5.060	5.051	5.028	5.011	5.028	5.049	5.052
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

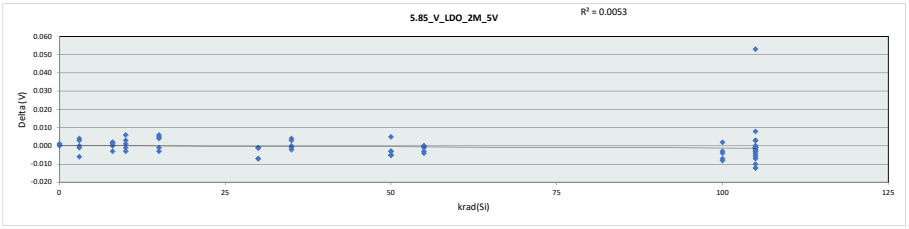


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

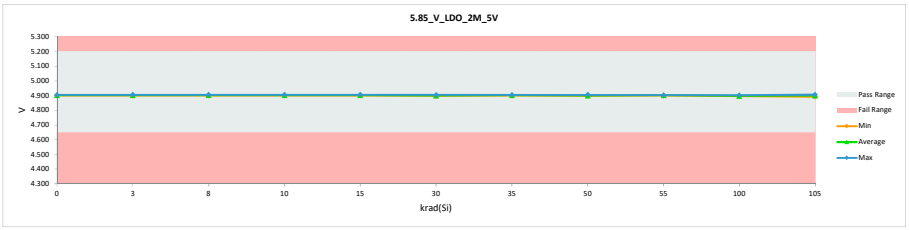
	5.85_V_LDO_2M_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.1	5.2
Min Limit	4.8	4.65

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	4.902	4.903	0.001
0	992	4.903	4.904	0.001
0	993	4.899	4.899	0.000
3	1	4.901	4.905	0.004
3	2	4.906	4.900	-0.006
3	3	4.901	4.900	-0.001
3	4	4.899	4.902	0.003
3	5	4.900	4.900	0.000
8	6	4.900	4.902	0.002
8	7	4.903	4.905	0.002
8	8	4.904	4.901	-0.003
8	9	4.901	4.901	0.000
8	10	4.901	4.902	0.001
10	11	4.903	4.902	-0.001
10	12	4.902	4.905	0.003
10	13	4.901	4.902	0.001
10	14	4.904	4.901	-0.003
10	15	4.896	4.902	0.006
15	16	4.897	4.902	0.005
15	17	4.902	4.901	-0.001
15	18	4.899	4.905	0.006
15	19	4.897	4.901	0.004
15	20	4.904	4.901	-0.003
30	21	4.905	4.898	-0.007
30	22	4.904	4.903	-0.001
30	23	4.904	4.897	-0.007
30	24	4.900	4.899	-0.001
30	25	4.903	4.902	-0.001
35	26	4.900	4.904	0.004
35	27	4.901	4.900	-0.001
35	28	4.905	4.903	-0.002
35	29	4.900	4.903	0.003
35	30	4.899	4.899	0.000
50	31	4.902	4.899	-0.003
50	32	4.900	4.897	-0.003
50	33	4.902	4.897	-0.005
50	34	4.903	4.898	-0.005
50	35	4.900	4.905	0.005
55	36	4.901	4.901	0.000
55	37	4.902	4.901	-0.001
55	38	4.902	4.902	0.000
55	39	4.905	4.902	-0.003
55	40	4.903	4.899	-0.004
100	41	4.901	4.897	-0.004
100	42	4.903	4.900	-0.003
100	43	4.903	4.896	-0.007
100	44	4.900	4.902	0.002
100	45	4.904	4.896	-0.008
105	46	4.901	4.904	0.003
105	47	4.901	4.899	-0.002
105	48	4.898	4.901	0.003
105	49	4.905	4.901	-0.004
105	50	4.898	4.906	0.008
105	51	4.900	4.899	-0.001
105	52	4.902	4.895	-0.007
105	53	4.905	4.893	-0.012
105	54	4.902	4.897	-0.005
105	55	4.904	4.898	-0.006
105	56	4.902	4.892	-0.010
105	57	4.898	4.896	-0.002
105	58	4.841	4.894	0.053
105	59	4.900	4.899	-0.001
105	60	4.898	4.897	-0.001
105	61	4.899	4.899	0.000
105	62	4.905	4.904	-0.001
105	63	4.904	4.903	-0.001
105	64	4.902	4.899	-0.003
105	65	4.900	4.897	-0.003
105	66	4.905	4.893	-0.012
105	67	4.903	4.903	0.000
	Max	4.906	4.906	0.053
	Average	4.901	4.900	0.000
	Min	4.841	4.892	-0.012
	Std Dev	0.008	0.003	0.008



	5.85_V_LDO_2M_5V	
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.65	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650
Min	4.899	4.900	4.901	4.901	4.901	4.897	4.899	4.897	4.899	4.896	4.892
Average	4.902	4.901	4.902	4.902	4.902	4.900	4.902	4.899	4.901	4.898	4.899
Max	4.904	4.905	4.905	4.905	4.905	4.903	4.904	4.905	4.902	4.902	4.906
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

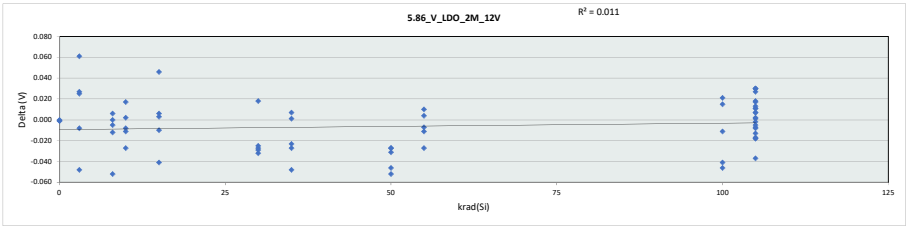


HDR TID Report
TPS7H5001-SP QMLP

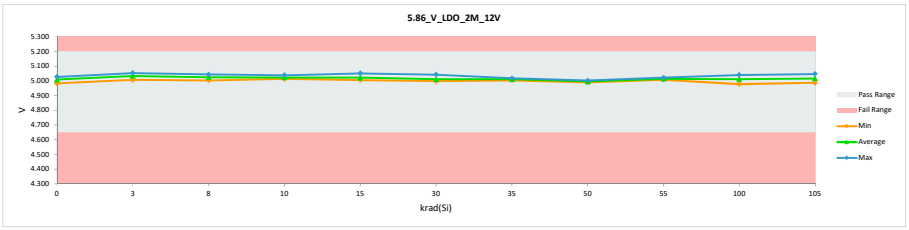
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.86_V_LDO_2M_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.8	4.65

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.029	5.028	-0.001
0	992	5.016	5.016	0.000
0	993	4.984	4.983	-0.001
3	1	5.014	5.041	0.027
3	2	5.055	5.007	-0.048
3	3	4.992	5.053	0.061
3	4	5.037	5.029	-0.008
3	5	5.014	5.039	0.025
8	6	5.038	5.044	0.006
8	7	5.030	5.018	-0.012
8	8	5.033	5.033	0.000
8	9	5.056	5.004	-0.052
8	10	5.035	5.030	-0.005
10	11	5.021	5.013	-0.008
10	12	5.025	5.014	-0.011
10	13	5.019	5.036	0.017
10	14	5.015	5.017	0.002
10	15	5.065	5.038	-0.027
15	16	5.033	5.023	-0.010
15	17	5.052	5.011	-0.041
15	18	5.005	5.051	0.046
15	19	5.000	5.006	0.006
15	20	5.015	5.018	0.003
30	21	5.034	5.009	-0.025
30	22	5.035	5.006	-0.029
30	23	5.027	5.000	-0.027
30	24	5.024	5.042	0.018
30	25	5.030	4.998	-0.032
35	26	5.013	5.014	0.001
35	27	5.036	5.009	-0.027
35	28	5.041	5.018	-0.023
35	29	5.007	5.014	0.007
35	30	5.051	5.003	-0.048
50	31	5.029	5.002	-0.027
50	32	5.038	4.992	-0.046
50	33	5.043	4.991	-0.052
50	34	5.022	4.995	-0.027
50	35	5.031	5.000	-0.031
55	36	5.004	5.014	0.010
55	37	5.029	5.022	-0.007
55	38	5.015	5.019	0.004
55	39	5.019	5.008	-0.011
55	40	5.040	5.013	-0.027
100	41	5.017	5.006	-0.011
100	42	5.020	5.041	0.021
100	43	5.024	4.978	-0.046
100	44	5.013	5.028	0.015
100	45	5.052	5.011	-0.041
105	46	5.010	5.028	0.018
105	47	5.020	5.022	0.002
105	48	5.017	5.044	0.027
105	49	5.013	5.043	0.030
105	50	5.006	5.023	0.017
105	51	5.043	5.006	-0.037
105	52	5.002	5.009	0.007
105	53	5.013	5.006	-0.007
105	54	5.008	5.000	-0.008
105	55	5.017	5.047	0.030
105	56	5.015	5.016	0.001
105	57	5.012	5.042	0.030
105	58	5.006	4.993	-0.013
105	59	5.005	4.987	-0.018
105	60	4.997	5.004	0.007
105	61	5.001	5.012	0.011
105	62	5.004	5.017	0.013
105	63	5.021	5.016	-0.005
105	64	5.030	5.012	-0.018
105	65	5.017	5.015	-0.002
105	66	5.021	5.004	-0.017
105	67	5.018	5.029	0.011
	Max	5.065	5.053	0.061
	Average	5.022	5.017	-0.006
	Min	4.984	4.978	-0.052
	Std Dev	0.016	0.017	0.024



	5.86_V_LDO_2M_12V										
Test Site											
Tester											
Test Number											
Max Limit	5.2	V									
Min Limit	4.65	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650
Min	4.983	5.007	5.004	5.013	5.006	4.998	5.003	4.991	5.008	4.978	4.987
Average	5.009	5.034	5.026	5.024	5.022	5.011	5.012	4.996	5.015	5.013	5.017
Max	5.028	5.053	5.044	5.038	5.051	5.042	5.018	5.002	5.022	5.041	5.047
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

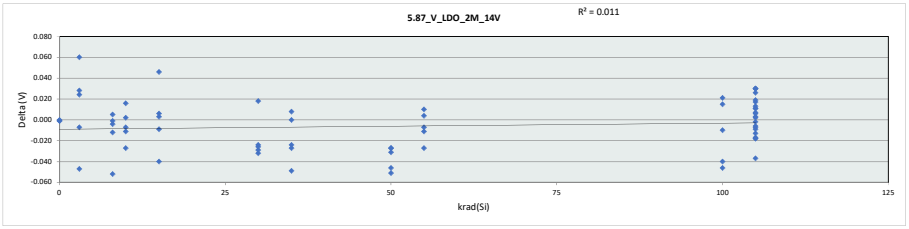


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

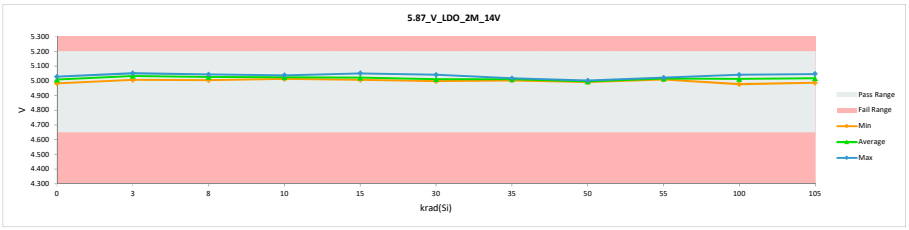
	5.87_V_LDO_2M_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.8	4.65

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	5.028	5.028	0.000
0	992	5.016	5.015	-0.001
0	993	4.984	4.983	-0.001
3	1	5.013	5.041	0.028
3	2	5.054	5.007	-0.047
3	3	4.992	5.052	0.060
3	4	5.036	5.029	-0.007
3	5	5.014	5.038	0.024
8	6	5.038	5.043	0.005
8	7	5.030	5.018	-0.012
8	8	5.033	5.032	-0.001
8	9	5.056	5.004	-0.052
8	10	5.034	5.030	-0.004
10	11	5.020	5.013	-0.007
10	12	5.025	5.014	-0.011
10	13	5.019	5.035	0.016
10	14	5.015	5.017	0.002
10	15	5.065	5.038	-0.027
15	16	5.032	5.023	-0.009
15	17	5.051	5.011	-0.040
15	18	5.005	5.051	0.046
15	19	5.000	5.006	0.006
15	20	5.015	5.018	0.003
30	21	5.033	5.009	-0.024
30	22	5.035	5.006	-0.029
30	23	5.026	5.000	-0.026
30	24	5.023	5.041	0.018
30	25	5.030	4.998	-0.032
35	26	5.013	5.013	0.000
35	27	5.036	5.009	-0.027
35	28	5.041	5.017	-0.024
35	29	5.006	5.014	0.008
35	30	5.051	5.002	-0.049
50	31	5.029	5.002	-0.027
50	32	5.037	4.991	-0.046
50	33	5.042	4.991	-0.051
50	34	5.022	4.995	-0.027
50	35	5.031	5.000	-0.031
55	36	5.004	5.014	0.010
55	37	5.029	5.022	-0.007
55	38	5.015	5.019	0.004
55	39	5.019	5.008	-0.011
55	40	5.040	5.013	-0.027
100	41	5.016	5.006	-0.010
100	42	5.020	5.041	0.021
100	43	5.024	4.978	-0.046
100	44	5.013	5.028	0.015
100	45	5.051	5.011	-0.040
105	46	5.009	5.028	0.019
105	47	5.019	5.022	0.003
105	48	5.017	5.043	0.026
105	49	5.013	5.043	0.030
105	50	5.006	5.023	0.017
105	51	5.043	5.006	-0.037
105	52	5.002	5.008	0.006
105	53	5.013	5.006	-0.007
105	54	5.008	4.999	-0.009
105	55	5.017	5.047	0.030
105	56	5.014	5.016	0.002
105	57	5.012	5.042	0.030
105	58	5.006	4.993	-0.013
105	59	5.005	4.987	-0.018
105	60	4.996	5.003	0.007
105	61	5.001	5.012	0.011
105	62	5.003	5.016	0.013
105	63	5.021	5.015	-0.006
105	64	5.030	5.013	-0.017
105	65	5.016	5.014	-0.002
105	66	5.021	5.003	-0.018
105	67	5.018	5.029	0.011
	Max	5.065	5.052	0.060
	Average	5.022	5.016	-0.006
	Min	4.984	4.978	-0.052
	Std Dev	0.016	0.017	0.024



	5.87_V_LDO_2M_14V	
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.65	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650	4.650
Min	4.983	5.007	5.004	5.013	5.006	4.998	5.002	4.991	5.008	4.978	4.987
Average	5.009	5.033	5.025	5.023	5.022	5.011	5.011	4.996	5.015	5.013	5.017
Max	5.028	5.052	5.043	5.038	5.051	5.041	5.017	5.002	5.022	5.041	5.047
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200	5.200

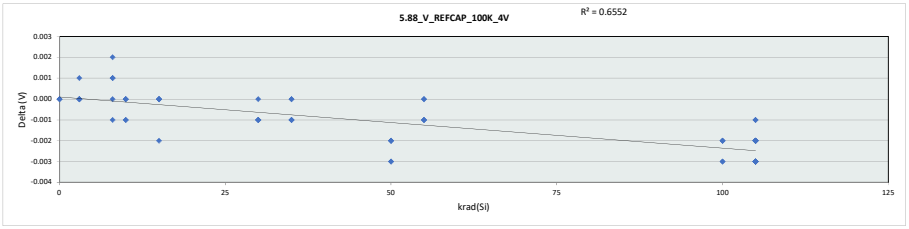


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

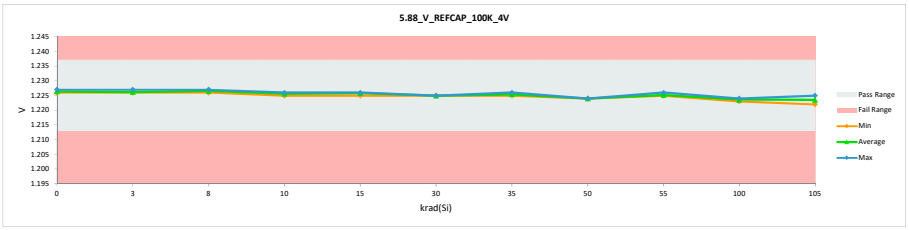
	5.88_V_REFCAP_100K_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.226	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.226	1.226	0.000
3	2	1.226	1.226	0.000
3	3	1.226	1.226	0.000
3	4	1.226	1.226	0.000
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.226	-0.001
8	8	1.225	1.227	0.002
8	9	1.226	1.226	0.000
8	10	1.226	1.227	0.001
10	11	1.225	1.225	0.000
10	12	1.226	1.226	0.000
10	13	1.226	1.225	-0.001
10	14	1.226	1.226	0.000
10	15	1.227	1.226	-0.001
15	16	1.226	1.226	0.000
15	17	1.226	1.226	0.000
15	18	1.227	1.225	-0.002
15	19	1.226	1.226	0.000
15	20	1.226	1.226	0.000
30	21	1.225	1.225	0.000
30	22	1.226	1.225	-0.001
30	23	1.226	1.225	-0.001
30	24	1.226	1.225	-0.001
30	25	1.226	1.225	-0.001
35	26	1.226	1.226	0.000
35	27	1.226	1.226	0.000
35	28	1.226	1.225	-0.001
35	29	1.226	1.225	-0.001
35	30	1.226	1.225	-0.001
50	31	1.226	1.224	-0.002
50	32	1.227	1.224	-0.003
50	33	1.226	1.224	-0.002
50	34	1.227	1.224	-0.003
50	35	1.226	1.224	-0.002
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.225	1.225	0.000
55	39	1.226	1.225	-0.001
55	40	1.226	1.226	0.000
100	41	1.226	1.224	-0.002
100	42	1.226	1.223	-0.003
100	43	1.226	1.224	-0.002
100	44	1.226	1.223	-0.003
100	45	1.226	1.224	-0.002
105	46	1.226	1.224	-0.002
105	47	1.226	1.224	-0.002
105	48	1.226	1.223	-0.003
105	49	1.226	1.223	-0.003
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.224	-0.003
105	54	1.226	1.223	-0.003
105	55	1.226	1.224	-0.002
105	56	1.226	1.223	-0.003
105	57	1.226	1.224	-0.002
105	58	1.226	1.223	-0.003
105	59	1.226	1.224	-0.002
105	60	1.225	1.223	-0.002
105	61	1.226	1.223	-0.003
105	62	1.225	1.222	-0.003
105	63	1.226	1.224	-0.002
105	64	1.226	1.223	-0.003
105	65	1.226	1.223	-0.003
105	66	1.226	1.224	-0.002
105	67	1.226	1.224	-0.002
	Max	1.227	1.227	0.002
	Average	1.226	1.225	-0.001
	Min	1.225	1.222	-0.003
	Std Dev	0.000	0.001	0.001



	5.88_V_REFCAP_100K_4V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.226	1.225	1.225	1.225	1.225	1.224	1.225	1.223	1.222
Average	1.226	1.226	1.227	1.226	1.226	1.225	1.225	1.224	1.225	1.224	1.224
Max	1.227	1.227	1.227	1.226	1.226	1.225	1.226	1.224	1.226	1.224	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

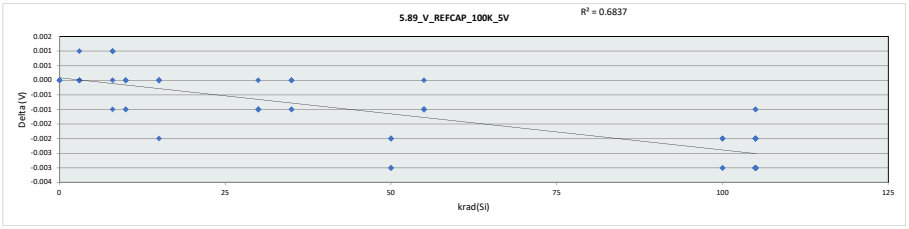


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

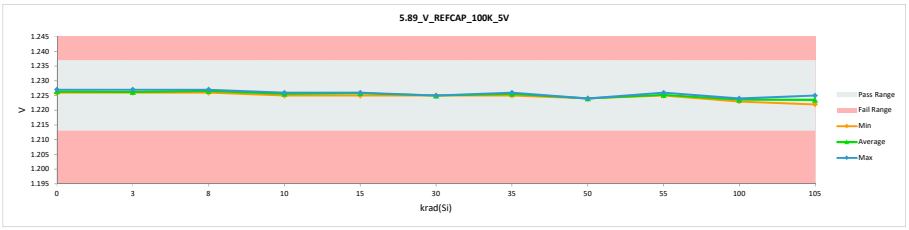
	5.89_V_REFCAP_100K_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.226	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.226	1.226	0.000
3	2	1.226	1.226	0.000
3	3	1.226	1.226	0.000
3	4	1.226	1.226	0.000
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.226	-0.001
8	8	1.226	1.227	0.001
8	9	1.226	1.226	0.000
8	10	1.226	1.227	0.001
10	11	1.225	1.225	0.000
10	12	1.226	1.226	0.000
10	13	1.226	1.225	-0.001
10	14	1.226	1.226	0.000
10	15	1.227	1.226	-0.001
15	16	1.226	1.226	0.000
15	17	1.226	1.226	0.000
15	18	1.227	1.225	-0.002
15	19	1.226	1.226	0.000
15	20	1.226	1.226	0.000
30	21	1.225	1.225	0.000
30	22	1.226	1.225	-0.001
30	23	1.226	1.225	-0.001
30	24	1.226	1.225	-0.001
30	25	1.226	1.225	-0.001
35	26	1.226	1.226	0.000
35	27	1.226	1.226	0.000
35	28	1.226	1.226	0.000
35	29	1.226	1.225	-0.001
35	30	1.226	1.225	-0.001
50	31	1.226	1.224	-0.002
50	32	1.227	1.224	-0.003
50	33	1.226	1.224	-0.002
50	34	1.227	1.224	-0.003
50	35	1.226	1.224	-0.002
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.226	1.225	-0.001
55	39	1.226	1.225	-0.001
55	40	1.226	1.226	0.000
100	41	1.226	1.224	-0.002
100	42	1.226	1.223	-0.003
100	43	1.226	1.224	-0.002
100	44	1.226	1.223	-0.003
100	45	1.226	1.224	-0.002
105	46	1.226	1.224	-0.002
105	47	1.226	1.224	-0.002
105	48	1.226	1.223	-0.003
105	49	1.226	1.223	-0.003
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.224	-0.003
105	54	1.226	1.223	-0.003
105	55	1.226	1.224	-0.002
105	56	1.226	1.223	-0.003
105	57	1.226	1.224	-0.002
105	58	1.226	1.223	-0.003
105	59	1.226	1.224	-0.002
105	60	1.225	1.223	-0.002
105	61	1.226	1.223	-0.003
105	62	1.225	1.222	-0.003
105	63	1.226	1.224	-0.002
105	64	1.226	1.223	-0.003
105	65	1.226	1.223	-0.003
105	66	1.226	1.224	-0.002
105	67	1.227	1.224	-0.003
	Max	1.227	1.227	0.001
	Average	1.226	1.225	-0.001
	Min	1.225	1.222	-0.003
	Std Dev	0.000	0.001	0.001



	5.89_V_REFCAP_100K_5V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.226	1.225	1.225	1.225	1.225	1.224	1.225	1.223	1.222
Average	1.226	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.225	1.224	1.224
Max	1.227	1.227	1.227	1.226	1.226	1.225	1.226	1.224	1.226	1.224	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

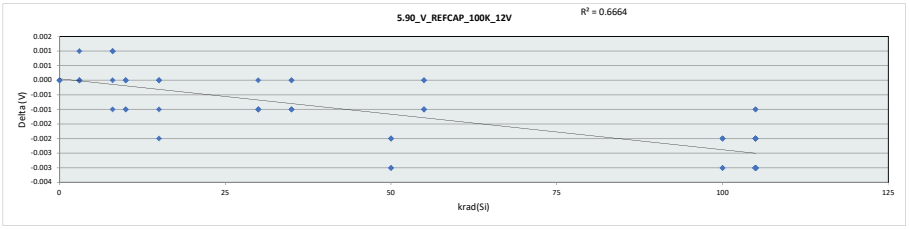


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

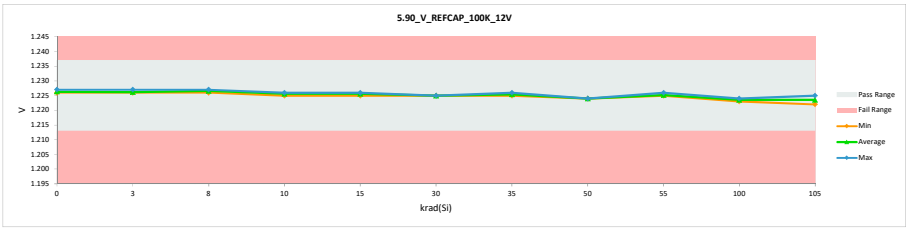
	5.90_V_REFCAP_100K_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.226	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.226	1.226	0.000
3	2	1.226	1.226	0.000
3	3	1.226	1.226	0.000
3	4	1.226	1.226	0.000
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.226	-0.001
8	8	1.226	1.227	0.001
8	9	1.226	1.226	0.000
8	10	1.226	1.227	0.001
10	11	1.225	1.225	0.000
10	12	1.226	1.226	0.000
10	13	1.226	1.225	-0.001
10	14	1.226	1.226	0.000
10	15	1.227	1.226	-0.001
15	16	1.226	1.226	0.000
15	17	1.226	1.226	0.000
15	18	1.227	1.225	-0.002
15	19	1.226	1.225	-0.001
15	20	1.226	1.226	0.000
30	21	1.225	1.225	0.000
30	22	1.226	1.225	-0.001
30	23	1.226	1.225	-0.001
30	24	1.226	1.225	-0.001
30	25	1.226	1.225	-0.001
35	26	1.226	1.226	0.000
35	27	1.226	1.226	0.000
35	28	1.226	1.225	-0.001
35	29	1.226	1.225	-0.001
35	30	1.226	1.225	-0.001
50	31	1.226	1.224	-0.002
50	32	1.227	1.224	-0.003
50	33	1.226	1.224	-0.002
50	34	1.227	1.224	-0.003
50	35	1.226	1.224	-0.002
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.225	1.225	0.000
55	39	1.226	1.225	-0.001
55	40	1.226	1.226	0.000
100	41	1.226	1.224	-0.002
100	42	1.226	1.223	-0.003
100	43	1.226	1.224	-0.002
100	44	1.226	1.223	-0.003
100	45	1.226	1.224	-0.002
105	46	1.226	1.224	-0.002
105	47	1.226	1.224	-0.002
105	48	1.226	1.223	-0.003
105	49	1.226	1.223	-0.003
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.224	-0.003
105	54	1.226	1.223	-0.003
105	55	1.226	1.224	-0.002
105	56	1.226	1.223	-0.003
105	57	1.226	1.224	-0.002
105	58	1.226	1.223	-0.003
105	59	1.226	1.224	-0.002
105	60	1.225	1.223	-0.002
105	61	1.226	1.223	-0.003
105	62	1.225	1.222	-0.003
105	63	1.226	1.224	-0.002
105	64	1.226	1.223	-0.003
105	65	1.226	1.223	-0.003
105	66	1.226	1.224	-0.002
105	67	1.227	1.224	-0.003
	Max	1.227	1.227	0.001
	Average	1.226	1.225	-0.001
	Min	1.225	1.222	-0.003
	Std Dev	0.000	0.001	0.001



	5.90_V_REFCAP_100K_12V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.226	1.225	1.225	1.225	1.225	1.224	1.225	1.223	1.222
Average	1.226	1.226	1.227	1.226	1.226	1.225	1.225	1.224	1.225	1.224	1.224
Max	1.227	1.227	1.227	1.226	1.226	1.225	1.226	1.224	1.226	1.224	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

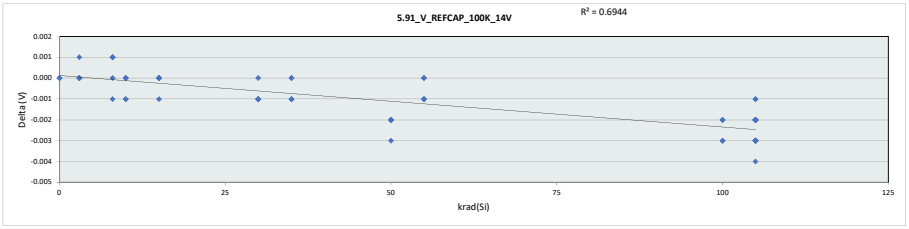


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

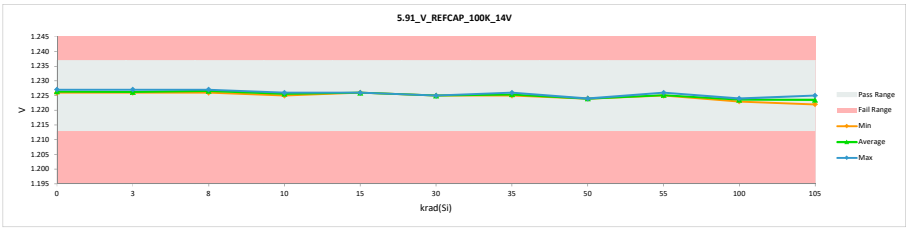
	5.91_V_REFCAP_100K_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.226	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.226	1.226	0.000
3	2	1.226	1.226	0.000
3	3	1.226	1.226	0.000
3	4	1.226	1.226	0.000
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.226	-0.001
8	8	1.226	1.227	0.001
8	9	1.226	1.226	0.000
8	10	1.226	1.227	0.001
10	11	1.225	1.225	0.000
10	12	1.226	1.226	0.000
10	13	1.226	1.225	-0.001
10	14	1.226	1.226	0.000
10	15	1.227	1.226	-0.001
15	16	1.226	1.226	0.000
15	17	1.226	1.226	0.000
15	18	1.227	1.226	-0.001
15	19	1.226	1.226	0.000
15	20	1.226	1.226	0.000
30	21	1.225	1.225	0.000
30	22	1.226	1.225	-0.001
30	23	1.226	1.225	-0.001
30	24	1.226	1.225	-0.001
30	25	1.226	1.225	-0.001
35	26	1.226	1.226	0.000
35	27	1.226	1.226	0.000
35	28	1.226	1.225	-0.001
35	29	1.226	1.225	-0.001
35	30	1.226	1.225	-0.001
50	31	1.226	1.224	-0.002
50	32	1.226	1.224	-0.002
50	33	1.226	1.224	-0.002
50	34	1.227	1.224	-0.003
50	35	1.226	1.224	-0.002
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.225	1.225	0.000
55	39	1.226	1.225	-0.001
55	40	1.226	1.226	0.000
100	41	1.226	1.224	-0.002
100	42	1.226	1.223	-0.003
100	43	1.226	1.224	-0.002
100	44	1.226	1.223	-0.003
100	45	1.226	1.224	-0.002
105	46	1.226	1.224	-0.002
105	47	1.226	1.224	-0.002
105	48	1.226	1.223	-0.003
105	49	1.226	1.223	-0.003
105	50	1.226	1.225	-0.001
105	51	1.225	1.223	-0.002
105	52	1.226	1.225	-0.001
105	53	1.227	1.224	-0.003
105	54	1.226	1.223	-0.003
105	55	1.226	1.224	-0.002
105	56	1.226	1.223	-0.003
105	57	1.226	1.224	-0.002
105	58	1.226	1.223	-0.003
105	59	1.226	1.224	-0.002
105	60	1.225	1.223	-0.002
105	61	1.226	1.223	-0.003
105	62	1.226	1.222	-0.004
105	63	1.226	1.224	-0.002
105	64	1.226	1.223	-0.003
105	65	1.226	1.223	-0.003
105	66	1.226	1.224	-0.002
105	67	1.226	1.224	-0.002
	Max	1.227	1.227	0.001
	Average	1.226	1.225	-0.001
	Min	1.225	1.222	-0.004
	Std Dev	0.000	0.001	0.001



	5.91_V_REFCAP_100K_14V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.226	1.225	1.226	1.225	1.225	1.224	1.225	1.223	1.222
Average	1.226	1.226	1.227	1.226	1.226	1.225	1.225	1.224	1.225	1.224	1.224
Max	1.227	1.227	1.227	1.226	1.226	1.225	1.226	1.224	1.226	1.224	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

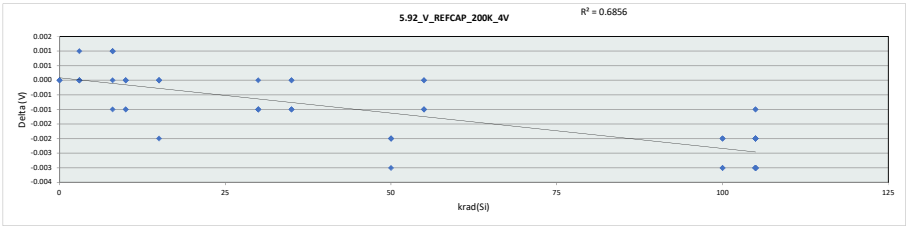


HDR TID Report
TPS7H5001-SP QMLP

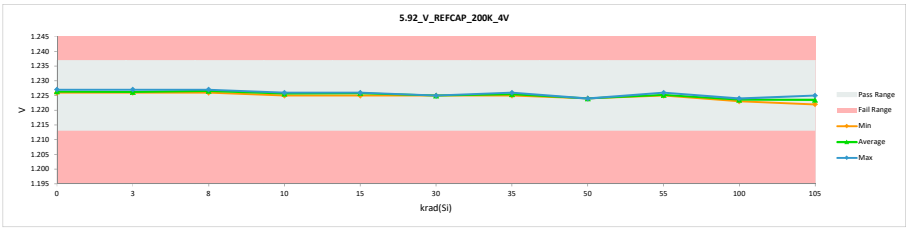
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.92_V_REFCAP_200K_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.226	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.226	1.226	0.000
3	2	1.226	1.226	0.000
3	3	1.226	1.226	0.000
3	4	1.226	1.226	0.000
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.226	-0.001
8	8	1.226	1.227	0.001
8	9	1.226	1.226	0.000
8	10	1.226	1.227	0.001
10	11	1.225	1.225	0.000
10	12	1.226	1.226	0.000
10	13	1.226	1.225	-0.001
10	14	1.226	1.226	0.000
10	15	1.227	1.226	-0.001
15	16	1.226	1.226	0.000
15	17	1.226	1.226	0.000
15	18	1.227	1.225	-0.002
15	19	1.226	1.226	0.000
15	20	1.226	1.226	0.000
30	21	1.225	1.225	0.000
30	22	1.226	1.225	-0.001
30	23	1.226	1.225	-0.001
30	24	1.226	1.225	-0.001
30	25	1.226	1.225	-0.001
35	26	1.226	1.226	0.000
35	27	1.226	1.226	0.000
35	28	1.226	1.225	-0.001
35	29	1.226	1.225	-0.001
35	30	1.226	1.225	-0.001
50	31	1.226	1.224	-0.002
50	32	1.226	1.224	-0.002
50	33	1.226	1.224	-0.002
50	34	1.227	1.224	-0.003
50	35	1.226	1.224	-0.002
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.225	1.225	0.000
55	39	1.226	1.225	-0.001
55	40	1.226	1.226	0.000
100	41	1.226	1.224	-0.002
100	42	1.226	1.223	-0.003
100	43	1.226	1.224	-0.002
100	44	1.226	1.223	-0.003
100	45	1.226	1.224	-0.002
105	46	1.226	1.224	-0.002
105	47	1.226	1.224	-0.002
105	48	1.226	1.223	-0.003
105	49	1.226	1.223	-0.003
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.224	-0.003
105	54	1.226	1.223	-0.003
105	55	1.226	1.224	-0.002
105	56	1.226	1.223	-0.003
105	57	1.226	1.224	-0.002
105	58	1.226	1.223	-0.003
105	59	1.226	1.224	-0.002
105	60	1.225	1.223	-0.002
105	61	1.226	1.223	-0.003
105	62	1.225	1.222	-0.003
105	63	1.226	1.224	-0.002
105	64	1.226	1.223	-0.003
105	65	1.226	1.223	-0.003
105	66	1.226	1.224	-0.002
105	67	1.226	1.224	-0.002
	Max	1.227	1.227	0.001
	Average	1.226	1.225	-0.001
	Min	1.225	1.222	-0.003
	Std Dev	0.000	0.001	0.001



	5.92_V_REFCAP_200K_4V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.226	1.225	1.225	1.225	1.225	1.224	1.225	1.223	1.222
Average	1.226	1.226	1.227	1.226	1.226	1.225	1.225	1.224	1.225	1.224	1.224
Max	1.227	1.227	1.227	1.226	1.226	1.225	1.226	1.224	1.226	1.224	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

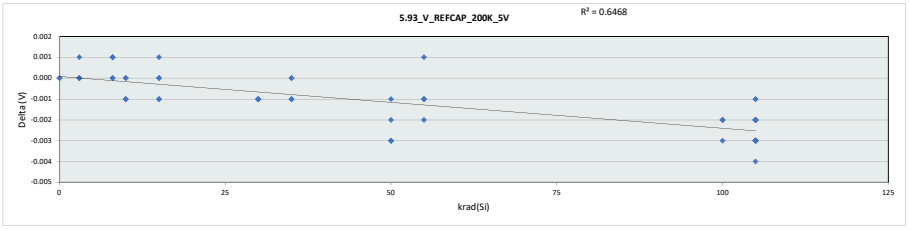


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

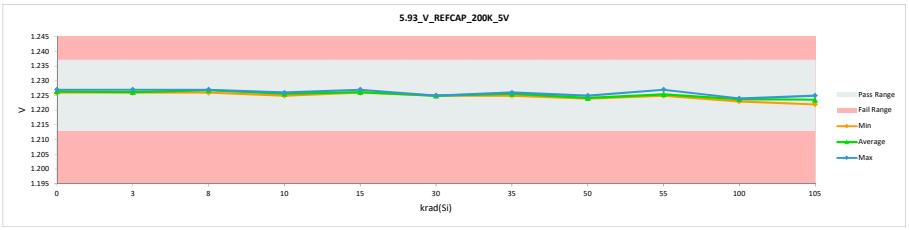
	5.93_V_REFCAP_200K_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.226	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.226	1.226	0.000
3	2	1.226	1.226	0.000
3	3	1.226	1.226	0.000
3	4	1.226	1.226	0.000
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.227	0.001
8	9	1.226	1.226	0.000
8	10	1.226	1.227	0.001
10	11	1.226	1.225	-0.001
10	12	1.226	1.226	0.000
10	13	1.226	1.225	-0.001
10	14	1.226	1.226	0.000
10	15	1.227	1.226	-0.001
15	16	1.226	1.227	0.001
15	17	1.227	1.226	-0.001
15	18	1.227	1.226	-0.001
15	19	1.226	1.226	0.000
15	20	1.226	1.226	0.000
30	21	1.226	1.225	-0.001
30	22	1.226	1.225	-0.001
30	23	1.226	1.225	-0.001
30	24	1.226	1.225	-0.001
30	25	1.226	1.225	-0.001
35	26	1.226	1.226	0.000
35	27	1.226	1.226	0.000
35	28	1.227	1.226	-0.001
35	29	1.226	1.225	-0.001
35	30	1.226	1.225	-0.001
50	31	1.226	1.225	-0.001
50	32	1.227	1.224	-0.003
50	33	1.227	1.224	-0.003
50	34	1.227	1.224	-0.003
50	35	1.226	1.224	-0.002
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.226	1.225	-0.001
55	39	1.227	1.225	-0.002
55	40	1.226	1.227	0.001
100	41	1.226	1.224	-0.002
100	42	1.226	1.223	-0.003
100	43	1.226	1.224	-0.002
100	44	1.226	1.224	-0.002
100	45	1.226	1.224	-0.002
105	46	1.226	1.224	-0.002
105	47	1.226	1.224	-0.002
105	48	1.226	1.223	-0.003
105	49	1.226	1.223	-0.003
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.224	-0.003
105	54	1.226	1.224	-0.002
105	55	1.226	1.224	-0.002
105	56	1.226	1.223	-0.003
105	57	1.226	1.224	-0.002
105	58	1.226	1.223	-0.003
105	59	1.227	1.224	-0.003
105	60	1.225	1.223	-0.002
105	61	1.226	1.223	-0.003
105	62	1.226	1.222	-0.004
105	63	1.226	1.224	-0.002
105	64	1.226	1.223	-0.003
105	65	1.226	1.223	-0.003
105	66	1.226	1.224	-0.002
105	67	1.227	1.224	-0.003
	Max	1.227	1.227	0.001
	Average	1.226	1.225	-0.001
	Min	1.225	1.222	-0.004
	Std Dev	0.000	0.001	0.001



	5.93_V_REFCAP_200K_5V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.226	1.225	1.226	1.225	1.225	1.224	1.225	1.223	1.222
Average	1.226	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.225	1.224	1.224
Max	1.227	1.227	1.227	1.226	1.227	1.225	1.226	1.225	1.227	1.224	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

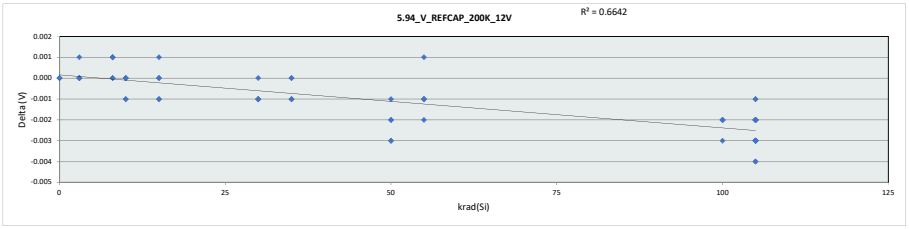


HDR TID Report
TPS7H5001-SP QMLP

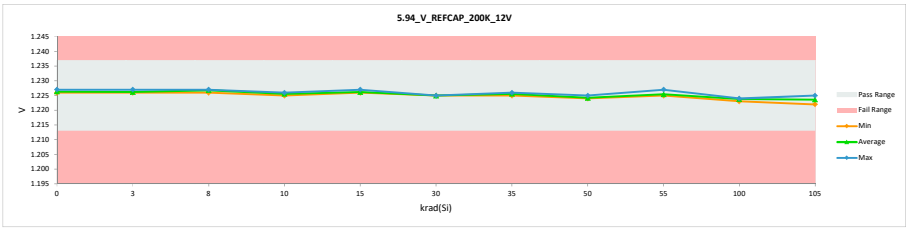
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.94_V_REFCAP_200K_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.226	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.226	1.226	0.000
3	2	1.226	1.226	0.000
3	3	1.226	1.226	0.000
3	4	1.226	1.226	0.000
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.227	0.001
8	9	1.226	1.226	0.000
8	10	1.226	1.227	0.001
10	11	1.225	1.225	0.000
10	12	1.226	1.226	0.000
10	13	1.226	1.225	-0.001
10	14	1.226	1.226	0.000
10	15	1.227	1.226	-0.001
15	16	1.226	1.227	0.001
15	17	1.227	1.226	-0.001
15	18	1.227	1.226	-0.001
15	19	1.226	1.226	0.000
15	20	1.226	1.226	0.000
30	21	1.225	1.225	0.000
30	22	1.226	1.225	-0.001
30	23	1.226	1.225	-0.001
30	24	1.226	1.225	-0.001
30	25	1.226	1.225	-0.001
35	26	1.226	1.226	0.000
35	27	1.226	1.226	0.000
35	28	1.227	1.226	-0.001
35	29	1.226	1.225	-0.001
35	30	1.226	1.225	-0.001
50	31	1.226	1.225	-0.001
50	32	1.227	1.224	-0.003
50	33	1.226	1.224	-0.002
50	34	1.227	1.224	-0.003
50	35	1.226	1.224	-0.002
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.226	1.225	-0.001
55	39	1.227	1.225	-0.002
55	40	1.226	1.227	0.001
100	41	1.226	1.224	-0.002
100	42	1.226	1.223	-0.003
100	43	1.226	1.224	-0.002
100	44	1.226	1.224	-0.002
100	45	1.226	1.224	-0.002
105	46	1.226	1.224	-0.002
105	47	1.226	1.224	-0.002
105	48	1.226	1.223	-0.003
105	49	1.226	1.223	-0.003
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.225	-0.002
105	54	1.226	1.224	-0.002
105	55	1.226	1.224	-0.002
105	56	1.227	1.223	-0.004
105	57	1.226	1.224	-0.002
105	58	1.226	1.223	-0.003
105	59	1.227	1.224	-0.003
105	60	1.225	1.223	-0.002
105	61	1.226	1.223	-0.003
105	62	1.226	1.222	-0.004
105	63	1.226	1.224	-0.002
105	64	1.226	1.223	-0.003
105	65	1.226	1.223	-0.003
105	66	1.226	1.224	-0.002
105	67	1.227	1.224	-0.003
	Max	1.227	1.227	0.001
	Average	1.226	1.225	-0.001
	Min	1.225	1.222	-0.004
	Std Dev	0.000	0.001	0.001



	5.94_V_REFCAP_200K_12V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.226	1.225	1.226	1.225	1.225	1.224	1.225	1.223	1.222
Average	1.226	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.225	1.224	1.224
Max	1.227	1.227	1.227	1.226	1.227	1.225	1.226	1.225	1.227	1.224	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

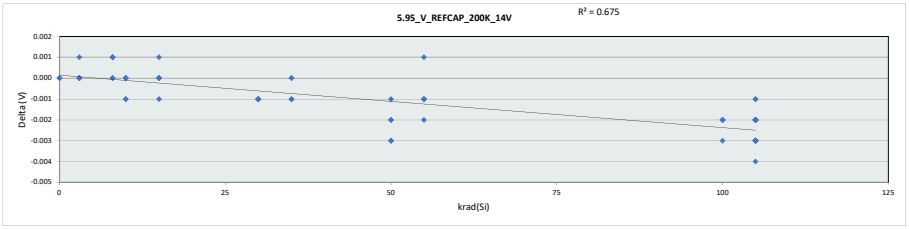


HDR TID Report
TPS7H5001-SP QMLP

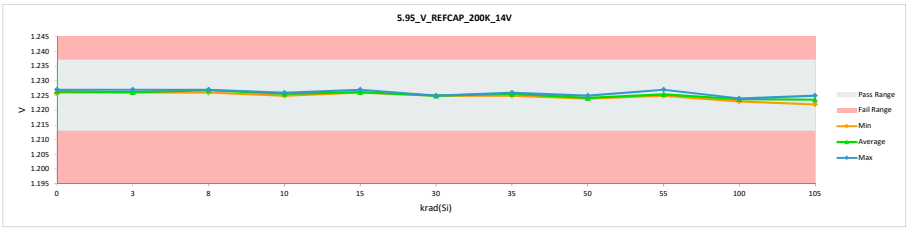
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.95_V_REFCAP_200K_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.226	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.226	1.226	0.000
3	2	1.226	1.226	0.000
3	3	1.226	1.226	0.000
3	4	1.226	1.226	0.000
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.227	0.001
8	9	1.226	1.226	0.000
8	10	1.226	1.227	0.001
10	11	1.225	1.225	0.000
10	12	1.226	1.226	0.000
10	13	1.226	1.225	-0.001
10	14	1.226	1.226	0.000
10	15	1.227	1.226	-0.001
15	16	1.226	1.227	0.001
15	17	1.226	1.226	0.000
15	18	1.227	1.226	-0.001
15	19	1.226	1.226	0.000
15	20	1.226	1.226	0.000
30	21	1.226	1.225	-0.001
30	22	1.226	1.225	-0.001
30	23	1.226	1.225	-0.001
30	24	1.226	1.225	-0.001
30	25	1.226	1.225	-0.001
35	26	1.226	1.226	0.000
35	27	1.226	1.226	0.000
35	28	1.227	1.226	-0.001
35	29	1.226	1.225	-0.001
35	30	1.226	1.225	-0.001
50	31	1.226	1.225	-0.001
50	32	1.227	1.224	-0.003
50	33	1.226	1.224	-0.002
50	34	1.227	1.224	-0.003
50	35	1.226	1.224	-0.002
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.226	1.225	-0.001
55	39	1.227	1.225	-0.002
55	40	1.226	1.227	0.001
100	41	1.226	1.224	-0.002
100	42	1.226	1.223	-0.003
100	43	1.226	1.224	-0.002
100	44	1.226	1.224	-0.002
100	45	1.226	1.224	-0.002
105	46	1.226	1.224	-0.002
105	47	1.226	1.224	-0.002
105	48	1.226	1.223	-0.003
105	49	1.226	1.223	-0.003
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.224	-0.003
105	54	1.226	1.224	-0.002
105	55	1.226	1.224	-0.002
105	56	1.226	1.223	-0.003
105	57	1.226	1.224	-0.002
105	58	1.226	1.224	-0.002
105	59	1.227	1.224	-0.003
105	60	1.225	1.223	-0.002
105	61	1.226	1.223	-0.003
105	62	1.226	1.222	-0.004
105	63	1.226	1.224	-0.002
105	64	1.226	1.223	-0.003
105	65	1.226	1.223	-0.003
105	66	1.226	1.224	-0.002
105	67	1.227	1.224	-0.003
	Max	1.227	1.227	0.001
	Average	1.226	1.225	-0.001
	Min	1.225	1.222	-0.004
	Std Dev	0.000	0.001	0.001



	5.95_V_REFCAP_200K_14V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.226	1.225	1.226	1.225	1.225	1.224	1.225	1.223	1.222
Average	1.226	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.225	1.224	1.224
Max	1.227	1.227	1.227	1.226	1.227	1.225	1.226	1.225	1.227	1.224	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

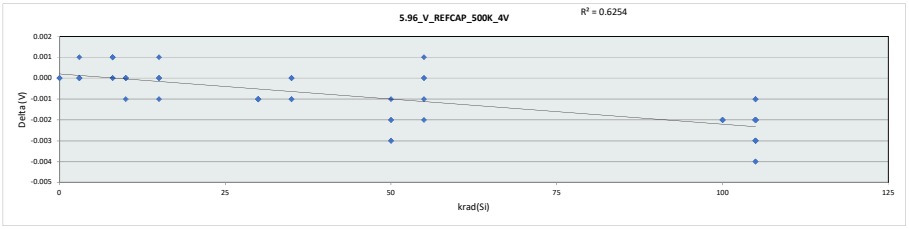


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

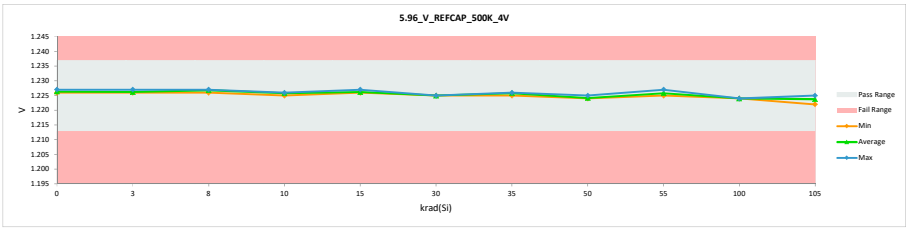
	5.96_V_REFCAP_500K_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.226	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.226	1.226	0.000
3	2	1.226	1.226	0.000
3	3	1.226	1.226	0.000
3	4	1.226	1.226	0.000
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.227	0.001
8	9	1.226	1.226	0.000
8	10	1.226	1.227	0.001
10	11	1.225	1.225	0.000
10	12	1.226	1.226	0.000
10	13	1.226	1.226	0.000
10	14	1.226	1.226	0.000
10	15	1.227	1.226	-0.001
15	16	1.226	1.227	0.001
15	17	1.226	1.226	0.000
15	18	1.227	1.226	-0.001
15	19	1.226	1.226	0.000
15	20	1.226	1.226	0.000
30	21	1.226	1.225	-0.001
30	22	1.226	1.225	-0.001
30	23	1.226	1.225	-0.001
30	24	1.226	1.225	-0.001
30	25	1.226	1.225	-0.001
35	26	1.226	1.226	0.000
35	27	1.226	1.226	0.000
35	28	1.227	1.226	-0.001
35	29	1.226	1.226	0.000
35	30	1.226	1.225	-0.001
50	31	1.226	1.225	-0.001
50	32	1.227	1.224	-0.003
50	33	1.226	1.224	-0.002
50	34	1.227	1.224	-0.003
50	35	1.226	1.224	-0.002
55	36	1.226	1.225	-0.001
55	37	1.226	1.226	0.000
55	38	1.226	1.226	0.000
55	39	1.227	1.225	-0.002
55	40	1.226	1.227	0.001
100	41	1.226	1.224	-0.002
100	42	1.226	1.224	-0.002
100	43	1.226	1.224	-0.002
100	44	1.226	1.224	-0.002
100	45	1.226	1.224	-0.002
105	46	1.226	1.224	-0.002
105	47	1.226	1.224	-0.002
105	48	1.226	1.223	-0.003
105	49	1.226	1.223	-0.003
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.225	-0.002
105	54	1.226	1.224	-0.002
105	55	1.226	1.224	-0.002
105	56	1.227	1.223	-0.004
105	57	1.226	1.224	-0.002
105	58	1.226	1.224	-0.002
105	59	1.226	1.224	-0.002
105	60	1.225	1.224	-0.001
105	61	1.226	1.223	-0.003
105	62	1.226	1.222	-0.004
105	63	1.226	1.224	-0.002
105	64	1.226	1.223	-0.003
105	65	1.226	1.223	-0.003
105	66	1.226	1.224	-0.002
105	67	1.227	1.225	-0.002
	Max	1.227	1.227	0.001
	Average	1.226	1.225	-0.001
	Min	1.225	1.222	-0.004
	Std Dev	0.000	0.001	0.001



	5.96_V_REFCAP_500K_4V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.226	1.225	1.226	1.225	1.225	1.224	1.225	1.224	1.222
Average	1.226	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.226	1.224	1.224
Max	1.227	1.227	1.227	1.226	1.227	1.225	1.226	1.225	1.227	1.224	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

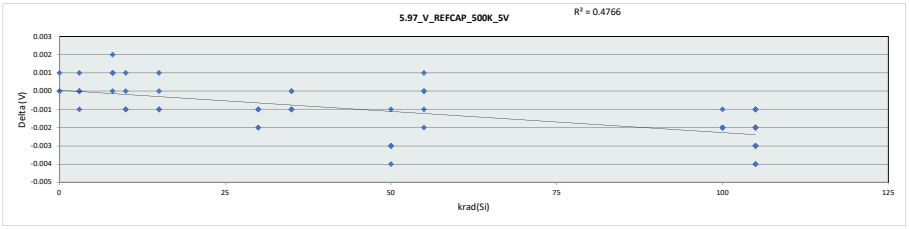


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

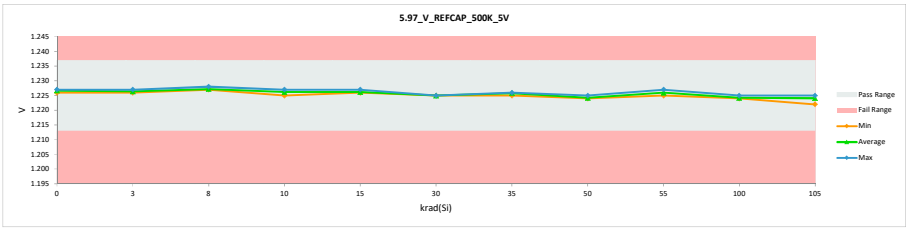
	5.97_V_REFCAP_500K_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.227	0.001
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.226	1.226	0.000
3	3	1.226	1.226	0.000
3	4	1.227	1.226	-0.001
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.228	0.002
8	9	1.226	1.227	0.001
8	10	1.226	1.227	0.001
10	11	1.226	1.225	-0.001
10	12	1.227	1.226	-0.001
10	13	1.227	1.226	-0.001
10	14	1.226	1.227	0.001
10	15	1.227	1.227	0.000
15	16	1.226	1.227	0.001
15	17	1.227	1.226	-0.001
15	18	1.227	1.226	-0.001
15	19	1.227	1.226	-0.001
15	20	1.226	1.226	0.000
30	21	1.226	1.225	-0.001
30	22	1.226	1.225	-0.001
30	23	1.227	1.225	-0.002
30	24	1.226	1.225	-0.001
30	25	1.227	1.225	-0.002
35	26	1.226	1.226	0.000
35	27	1.227	1.226	-0.001
35	28	1.227	1.226	-0.001
35	29	1.226	1.226	0.000
35	30	1.226	1.225	-0.001
50	31	1.226	1.225	-0.001
50	32	1.227	1.224	-0.003
50	33	1.227	1.224	-0.003
50	34	1.228	1.224	-0.004
50	35	1.227	1.224	-0.003
55	36	1.226	1.226	0.000
55	37	1.227	1.226	-0.001
55	38	1.226	1.226	0.000
55	39	1.227	1.225	-0.002
55	40	1.226	1.227	0.001
100	41	1.226	1.224	-0.002
100	42	1.226	1.224	-0.002
100	43	1.226	1.225	-0.001
100	44	1.226	1.224	-0.002
100	45	1.226	1.224	-0.002
105	46	1.226	1.225	-0.001
105	47	1.227	1.224	-0.003
105	48	1.227	1.223	-0.004
105	49	1.226	1.224	-0.002
105	50	1.227	1.225	-0.002
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.225	-0.002
105	54	1.227	1.224	-0.003
105	55	1.226	1.225	-0.001
105	56	1.227	1.223	-0.004
105	57	1.226	1.225	-0.001
105	58	1.226	1.224	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.223	-0.003
105	62	1.226	1.222	-0.004
105	63	1.226	1.224	-0.002
105	64	1.227	1.224	-0.003
105	65	1.226	1.224	-0.002
105	66	1.227	1.224	-0.003
105	67	1.227	1.225	-0.002
	Max	1.228	1.228	0.002
	Average	1.226	1.225	-0.001
	Min	1.226	1.222	-0.004
	Std Dev	0.001	0.001	0.001



	5.97_V_REFCAP_500K_5V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.227	1.225	1.226	1.225	1.225	1.224	1.225	1.224	1.222
Average	1.227	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.226	1.224	1.224
Max	1.227	1.227	1.228	1.227	1.227	1.225	1.226	1.225	1.227	1.225	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

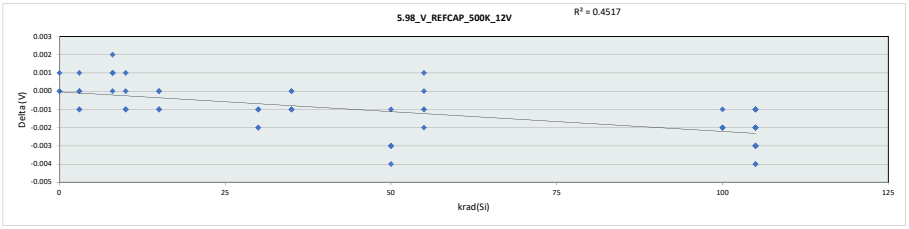


HDR TID Report
TPS7H5001-SP QMLP

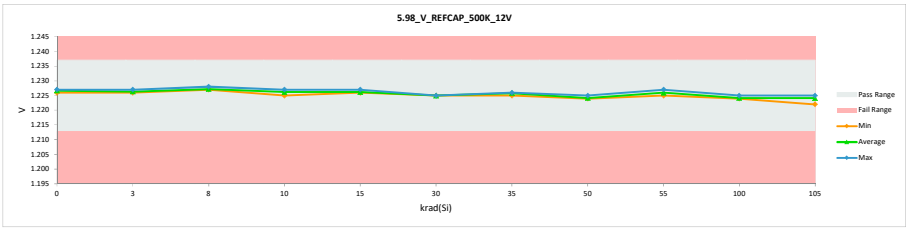
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.98_V_REFCAP_500K_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.227	0.001
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.226	-0.001
3	3	1.226	1.226	0.000
3	4	1.227	1.226	-0.001
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.228	0.002
8	9	1.226	1.227	0.001
8	10	1.226	1.227	0.001
10	11	1.226	1.225	-0.001
10	12	1.227	1.226	-0.001
10	13	1.227	1.226	-0.001
10	14	1.226	1.227	0.001
10	15	1.227	1.227	0.000
15	16	1.227	1.227	0.000
15	17	1.227	1.226	-0.001
15	18	1.227	1.226	-0.001
15	19	1.227	1.226	-0.001
15	20	1.226	1.226	0.000
30	21	1.226	1.225	-0.001
30	22	1.226	1.225	-0.001
30	23	1.227	1.225	-0.002
30	24	1.226	1.225	-0.001
30	25	1.227	1.225	-0.002
35	26	1.226	1.226	0.000
35	27	1.227	1.226	-0.001
35	28	1.227	1.226	-0.001
35	29	1.226	1.226	0.000
35	30	1.226	1.225	-0.001
50	31	1.226	1.225	-0.001
50	32	1.227	1.224	-0.003
50	33	1.227	1.224	-0.003
50	34	1.228	1.224	-0.004
50	35	1.227	1.224	-0.003
55	36	1.227	1.226	-0.001
55	37	1.227	1.226	-0.001
55	38	1.226	1.226	0.000
55	39	1.227	1.225	-0.002
55	40	1.226	1.227	0.001
100	41	1.226	1.224	-0.002
100	42	1.226	1.224	-0.002
100	43	1.226	1.224	-0.002
100	44	1.226	1.224	-0.002
100	45	1.226	1.225	-0.001
105	46	1.226	1.225	-0.001
105	47	1.227	1.224	-0.003
105	48	1.227	1.224	-0.003
105	49	1.226	1.224	-0.002
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.225	-0.002
105	54	1.227	1.224	-0.003
105	55	1.226	1.225	-0.001
105	56	1.227	1.223	-0.004
105	57	1.226	1.225	-0.001
105	58	1.226	1.224	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.223	-0.003
105	62	1.226	1.222	-0.004
105	63	1.226	1.224	-0.002
105	64	1.227	1.224	-0.003
105	65	1.226	1.224	-0.002
105	66	1.227	1.224	-0.003
105	67	1.227	1.225	-0.002
	Max	1.228	1.228	0.002
	Average	1.226	1.225	-0.001
	Min	1.226	1.222	-0.004
	Std Dev	0.001	0.001	0.001



	5.98_V_REFCAP_500K_12V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.227	1.225	1.226	1.225	1.225	1.224	1.225	1.224	1.222
Average	1.227	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.226	1.224	1.224
Max	1.227	1.227	1.228	1.227	1.227	1.225	1.226	1.225	1.227	1.225	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

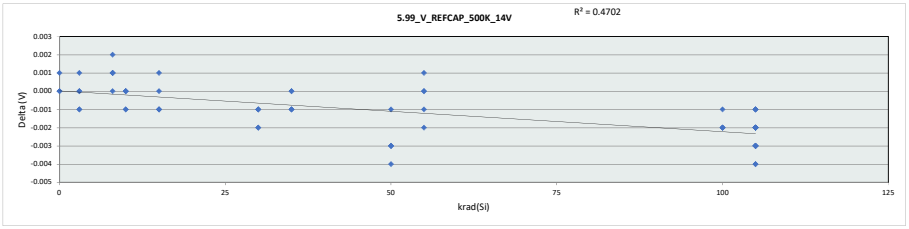


HDR TID Report
TPS7H5001-SP QMLP

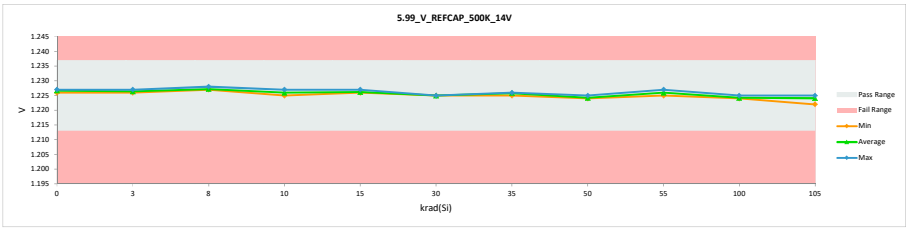
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.99_V_REFCAP_500K_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.227	0.001
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.226	-0.001
3	3	1.226	1.226	0.000
3	4	1.227	1.226	-0.001
3	5	1.226	1.227	0.001
8	6	1.226	1.227	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.228	0.002
8	9	1.226	1.227	0.001
8	10	1.226	1.227	0.001
10	11	1.226	1.225	-0.001
10	12	1.227	1.226	-0.001
10	13	1.226	1.226	0.000
10	14	1.226	1.226	0.000
10	15	1.227	1.227	0.000
15	16	1.226	1.227	0.001
15	17	1.227	1.226	-0.001
15	18	1.227	1.226	-0.001
15	19	1.227	1.226	-0.001
15	20	1.226	1.226	0.000
30	21	1.226	1.225	-0.001
30	22	1.226	1.225	-0.001
30	23	1.227	1.225	-0.002
30	24	1.226	1.225	-0.001
30	25	1.227	1.225	-0.002
35	26	1.226	1.226	0.000
35	27	1.227	1.226	-0.001
35	28	1.227	1.226	-0.001
35	29	1.226	1.226	0.000
35	30	1.226	1.225	-0.001
50	31	1.226	1.225	-0.001
50	32	1.227	1.224	-0.003
50	33	1.227	1.224	-0.003
50	34	1.228	1.224	-0.004
50	35	1.227	1.224	-0.003
55	36	1.226	1.226	0.000
55	37	1.227	1.226	-0.001
55	38	1.226	1.226	0.000
55	39	1.227	1.225	-0.002
55	40	1.226	1.227	0.001
100	41	1.226	1.224	-0.002
100	42	1.226	1.224	-0.002
100	43	1.226	1.224	-0.002
100	44	1.226	1.224	-0.002
100	45	1.226	1.225	-0.001
105	46	1.226	1.225	-0.001
105	47	1.227	1.224	-0.003
105	48	1.227	1.224	-0.003
105	49	1.226	1.224	-0.002
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.225	-0.002
105	54	1.227	1.224	-0.003
105	55	1.226	1.225	-0.001
105	56	1.227	1.223	-0.004
105	57	1.226	1.224	-0.002
105	58	1.226	1.224	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.223	-0.003
105	62	1.226	1.222	-0.004
105	63	1.226	1.224	-0.002
105	64	1.227	1.224	-0.003
105	65	1.226	1.224	-0.002
105	66	1.227	1.224	-0.003
105	67	1.227	1.225	-0.002
	Max	1.228	1.228	0.002
	Average	1.226	1.225	-0.001
	Min	1.226	1.222	-0.004
	Std Dev	0.001	0.001	0.001



	5.99_V_REFCAP_500K_14V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.227	1.225	1.226	1.225	1.225	1.224	1.225	1.224	1.222
Average	1.227	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.226	1.224	1.224
Max	1.227	1.227	1.228	1.227	1.227	1.225	1.226	1.225	1.227	1.225	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

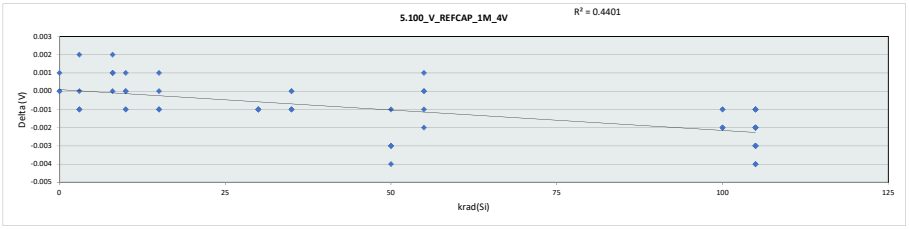


HDR TID Report
TPS7H5001-SP QMLP

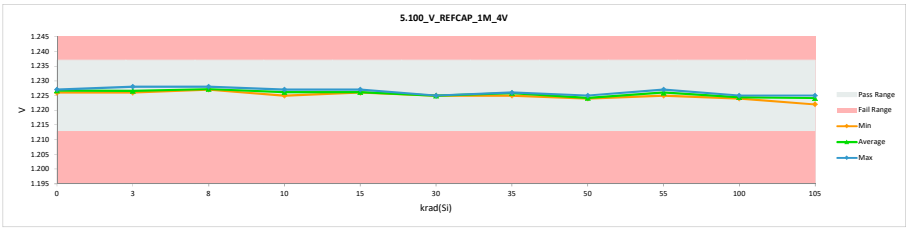
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.100_V_REFCAP_1M_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.226	1.227	0.001
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.226	-0.001
3	3	1.227	1.226	-0.001
3	4	1.227	1.226	-0.001
3	5	1.226	1.228	0.002
8	6	1.226	1.227	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.228	0.002
8	9	1.226	1.227	0.001
8	10	1.226	1.227	0.001
10	11	1.226	1.225	-0.001
10	12	1.226	1.226	0.000
10	13	1.227	1.226	-0.001
10	14	1.226	1.227	0.001
10	15	1.227	1.227	0.000
15	16	1.226	1.227	0.001
15	17	1.227	1.226	-0.001
15	18	1.227	1.226	-0.001
15	19	1.227	1.226	-0.001
15	20	1.226	1.226	0.000
30	21	1.226	1.225	-0.001
30	22	1.226	1.225	-0.001
30	23	1.226	1.225	-0.001
30	24	1.226	1.225	-0.001
30	25	1.226	1.225	-0.001
35	26	1.226	1.226	0.000
35	27	1.227	1.226	-0.001
35	28	1.227	1.226	-0.001
35	29	1.226	1.226	0.000
35	30	1.226	1.225	-0.001
50	31	1.226	1.225	-0.001
50	32	1.227	1.224	-0.003
50	33	1.227	1.224	-0.003
50	34	1.228	1.224	-0.004
50	35	1.227	1.224	-0.003
55	36	1.226	1.226	0.000
55	37	1.227	1.226	-0.001
55	38	1.226	1.226	0.000
55	39	1.227	1.225	-0.002
55	40	1.226	1.227	0.001
100	41	1.226	1.224	-0.002
100	42	1.226	1.224	-0.002
100	43	1.226	1.225	-0.001
100	44	1.226	1.224	-0.002
100	45	1.226	1.225	-0.001
105	46	1.226	1.225	-0.001
105	47	1.227	1.224	-0.003
105	48	1.227	1.223	-0.004
105	49	1.226	1.224	-0.002
105	50	1.226	1.225	-0.001
105	51	1.226	1.223	-0.003
105	52	1.226	1.225	-0.001
105	53	1.227	1.225	-0.002
105	54	1.227	1.224	-0.003
105	55	1.226	1.225	-0.001
105	56	1.227	1.223	-0.004
105	57	1.226	1.225	-0.001
105	58	1.226	1.224	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.223	-0.003
105	62	1.226	1.222	-0.004
105	63	1.226	1.225	-0.001
105	64	1.227	1.224	-0.003
105	65	1.226	1.224	-0.002
105	66	1.227	1.224	-0.003
105	67	1.227	1.225	-0.002
	Max	1.228	1.228	0.002
	Average	1.226	1.225	-0.001
	Min	1.226	1.222	-0.004
	Std Dev	0.001	0.001	0.001



	5.100_V_REFCAP_1M_4V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.227	1.225	1.226	1.225	1.225	1.224	1.225	1.224	1.222
Average	1.227	1.227	1.227	1.226	1.226	1.225	1.226	1.224	1.226	1.224	1.224
Max	1.227	1.228	1.228	1.227	1.227	1.225	1.226	1.225	1.227	1.225	1.225
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

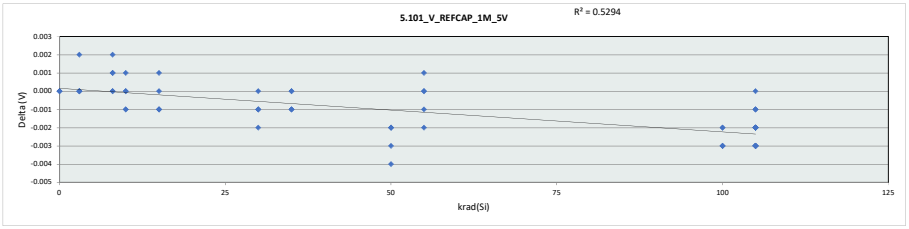


HDR TID Report
TPS7H5001-SP QMLP

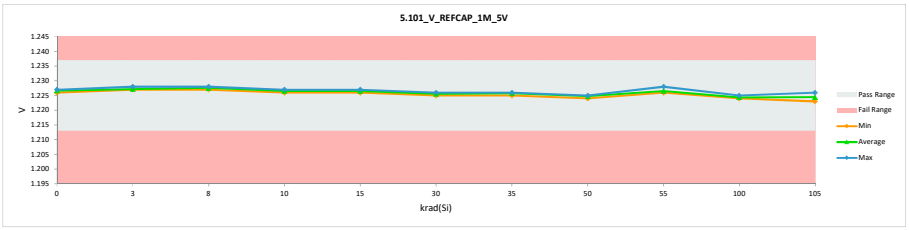
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.101_V_REFCAP_1M_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.227	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.227	0.000
3	3	1.227	1.227	0.000
3	4	1.227	1.227	0.000
3	5	1.226	1.228	0.002
8	6	1.227	1.228	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.228	0.002
8	9	1.227	1.227	0.000
8	10	1.227	1.228	0.001
10	11	1.226	1.226	0.000
10	12	1.227	1.227	0.000
10	13	1.227	1.226	-0.001
10	14	1.226	1.227	0.001
10	15	1.228	1.227	-0.001
15	16	1.227	1.227	0.000
15	17	1.227	1.226	-0.001
15	18	1.228	1.227	-0.001
15	19	1.227	1.226	-0.001
15	20	1.226	1.227	0.001
30	21	1.226	1.225	-0.001
30	22	1.226	1.226	0.000
30	23	1.227	1.226	-0.001
30	24	1.227	1.225	-0.002
30	25	1.227	1.226	-0.001
35	26	1.226	1.226	0.000
35	27	1.227	1.226	-0.001
35	28	1.227	1.226	-0.001
35	29	1.226	1.226	0.000
35	30	1.226	1.225	-0.001
50	31	1.227	1.225	-0.002
50	32	1.227	1.225	-0.002
50	33	1.227	1.225	-0.002
50	34	1.229	1.225	-0.004
50	35	1.227	1.224	-0.003
55	36	1.227	1.226	-0.001
55	37	1.227	1.227	0.000
55	38	1.226	1.226	0.000
55	39	1.228	1.226	-0.002
55	40	1.227	1.228	0.001
100	41	1.227	1.224	-0.003
100	42	1.227	1.224	-0.003
100	43	1.227	1.225	-0.002
100	44	1.227	1.224	-0.003
100	45	1.227	1.225	-0.002
105	46	1.226	1.225	-0.001
105	47	1.227	1.224	-0.003
105	48	1.227	1.224	-0.003
105	49	1.227	1.224	-0.003
105	50	1.227	1.225	-0.002
105	51	1.226	1.223	-0.003
105	52	1.227	1.226	-0.001
105	53	1.227	1.225	-0.002
105	54	1.227	1.224	-0.003
105	55	1.226	1.226	0.000
105	56	1.227	1.224	-0.003
105	57	1.227	1.225	-0.002
105	58	1.226	1.224	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.224	-0.002
105	62	1.226	1.223	-0.003
105	63	1.227	1.225	-0.002
105	64	1.227	1.224	-0.003
105	65	1.226	1.224	-0.002
105	66	1.227	1.224	-0.003
105	67	1.227	1.226	-0.001
	Max	1.229	1.228	0.002
	Average	1.227	1.226	-0.001
	Min	1.226	1.223	-0.004
	Std Dev	0.001	0.001	0.001



	5.101_V_REFCAP_1M_5V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.227	1.227	1.226	1.226	1.225	1.225	1.224	1.226	1.224	1.223
Average	1.227	1.227	1.228	1.227	1.227	1.226	1.226	1.225	1.227	1.224	1.224
Max	1.227	1.228	1.228	1.227	1.227	1.226	1.226	1.225	1.228	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

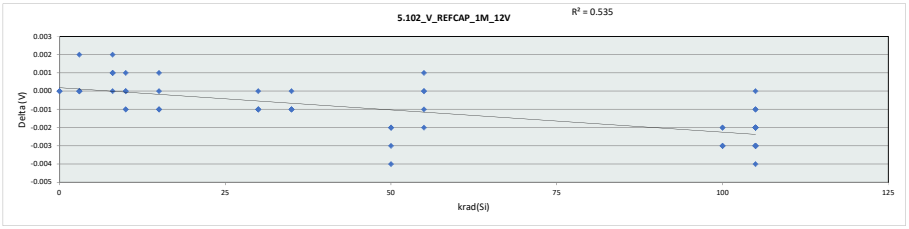


HDR TID Report
TPS7H5001-SP QMLP

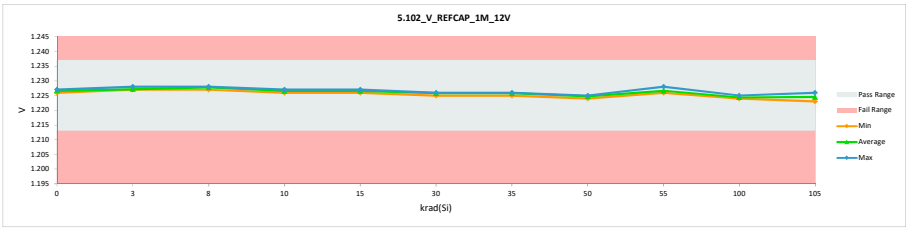
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.102_V_REFCAP_1M_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.227	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.227	0.000
3	3	1.227	1.227	0.000
3	4	1.227	1.227	0.000
3	5	1.226	1.228	0.002
8	6	1.227	1.228	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.228	0.002
8	9	1.227	1.228	0.001
8	10	1.227	1.228	0.001
10	11	1.226	1.226	0.000
10	12	1.227	1.227	0.000
10	13	1.227	1.226	-0.001
10	14	1.226	1.227	0.001
10	15	1.228	1.227	-0.001
15	16	1.227	1.227	0.000
15	17	1.227	1.226	-0.001
15	18	1.228	1.227	-0.001
15	19	1.227	1.226	-0.001
15	20	1.226	1.227	0.001
30	21	1.226	1.225	-0.001
30	22	1.226	1.226	0.000
30	23	1.227	1.226	-0.001
30	24	1.227	1.226	-0.001
30	25	1.227	1.226	-0.001
35	26	1.226	1.226	0.000
35	27	1.227	1.226	-0.001
35	28	1.227	1.226	-0.001
35	29	1.227	1.226	-0.001
35	30	1.226	1.225	-0.001
50	31	1.227	1.225	-0.002
50	32	1.227	1.225	-0.002
50	33	1.227	1.225	-0.002
50	34	1.229	1.225	-0.004
50	35	1.227	1.224	-0.003
55	36	1.227	1.226	-0.001
55	37	1.227	1.227	0.000
55	38	1.226	1.226	0.000
55	39	1.228	1.226	-0.002
55	40	1.227	1.228	0.001
100	41	1.227	1.224	-0.003
100	42	1.227	1.224	-0.003
100	43	1.227	1.225	-0.002
100	44	1.227	1.224	-0.003
100	45	1.227	1.225	-0.002
105	46	1.226	1.225	-0.001
105	47	1.227	1.224	-0.003
105	48	1.227	1.224	-0.003
105	49	1.227	1.224	-0.003
105	50	1.227	1.225	-0.002
105	51	1.226	1.223	-0.003
105	52	1.227	1.226	-0.001
105	53	1.227	1.225	-0.002
105	54	1.227	1.224	-0.003
105	55	1.226	1.226	0.000
105	56	1.227	1.224	-0.003
105	57	1.227	1.225	-0.002
105	58	1.226	1.224	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.224	-0.002
105	62	1.226	1.223	-0.003
105	63	1.227	1.225	-0.002
105	64	1.228	1.224	-0.004
105	65	1.226	1.224	-0.002
105	66	1.227	1.225	-0.002
105	67	1.227	1.226	-0.001
	Max	1.229	1.228	0.002
	Average	1.227	1.226	-0.001
	Min	1.226	1.223	-0.004
	Std Dev	0.001	0.001	0.001



	5.102_V_REFCAP_1M_12V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.227	1.227	1.226	1.226	1.225	1.225	1.224	1.226	1.224	1.223
Average	1.227	1.227	1.228	1.227	1.227	1.226	1.226	1.225	1.227	1.224	1.225
Max	1.227	1.228	1.228	1.227	1.227	1.226	1.226	1.225	1.228	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

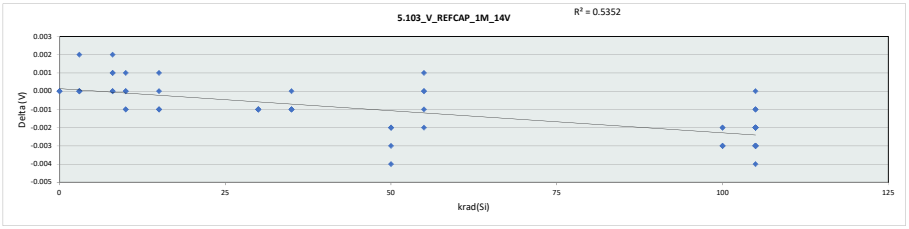


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

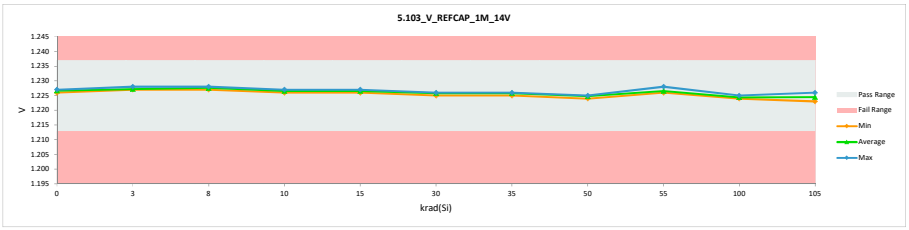
	5.103_V_REFCAP_1M_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.227	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.227	0.000
3	3	1.227	1.227	0.000
3	4	1.227	1.227	0.000
3	5	1.226	1.228	0.002
8	6	1.227	1.228	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.228	0.002
8	9	1.227	1.227	0.000
8	10	1.227	1.228	0.001
10	11	1.226	1.226	0.000
10	12	1.227	1.227	0.000
10	13	1.227	1.226	-0.001
10	14	1.226	1.227	0.001
10	15	1.228	1.227	-0.001
15	16	1.227	1.227	0.000
15	17	1.227	1.226	-0.001
15	18	1.228	1.227	-0.001
15	19	1.227	1.226	-0.001
15	20	1.226	1.227	0.001
30	21	1.226	1.225	-0.001
30	22	1.227	1.226	-0.001
30	23	1.227	1.226	-0.001
30	24	1.227	1.226	-0.001
30	25	1.227	1.226	-0.001
35	26	1.226	1.226	0.000
35	27	1.227	1.226	-0.001
35	28	1.227	1.226	-0.001
35	29	1.227	1.226	-0.001
35	30	1.226	1.225	-0.001
50	31	1.227	1.225	-0.002
50	32	1.227	1.225	-0.002
50	33	1.227	1.225	-0.002
50	34	1.229	1.225	-0.004
50	35	1.227	1.224	-0.003
55	36	1.227	1.226	-0.001
55	37	1.227	1.227	0.000
55	38	1.226	1.226	0.000
55	39	1.228	1.226	-0.002
55	40	1.227	1.228	0.001
100	41	1.227	1.224	-0.003
100	42	1.227	1.224	-0.003
100	43	1.227	1.225	-0.002
100	44	1.227	1.224	-0.003
100	45	1.227	1.225	-0.002
105	46	1.226	1.225	-0.001
105	47	1.227	1.224	-0.003
105	48	1.227	1.224	-0.003
105	49	1.227	1.224	-0.003
105	50	1.227	1.225	-0.002
105	51	1.226	1.223	-0.003
105	52	1.227	1.226	-0.001
105	53	1.227	1.225	-0.002
105	54	1.227	1.224	-0.003
105	55	1.226	1.226	0.000
105	56	1.227	1.224	-0.003
105	57	1.227	1.225	-0.002
105	58	1.226	1.224	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.224	-0.002
105	62	1.226	1.223	-0.003
105	63	1.227	1.225	-0.002
105	64	1.228	1.224	-0.004
105	65	1.227	1.224	-0.003
105	66	1.227	1.225	-0.002
105	67	1.227	1.226	-0.001
	Max	1.229	1.228	0.002
	Average	1.227	1.226	-0.001
	Min	1.226	1.223	-0.004
	Std Dev	0.001	0.001	0.001



	5.103_V_REFCAP_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.227	1.227	1.226	1.226	1.225	1.225	1.224	1.226	1.224	1.223
Average	1.227	1.227	1.228	1.227	1.227	1.226	1.226	1.225	1.227	1.224	1.225
Max	1.227	1.228	1.228	1.227	1.227	1.226	1.226	1.225	1.228	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

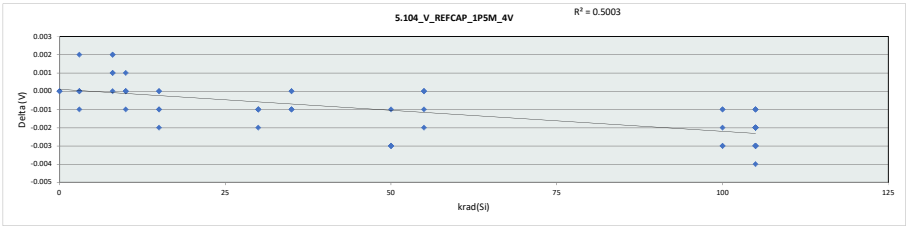


HDR TID Report
TPS7H5001-SP QMLP

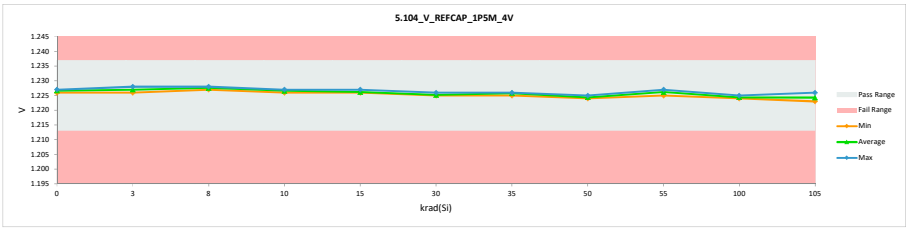
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.104_V_REFCAP_1P5M_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.227	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.226	-0.001
3	3	1.227	1.227	0.000
3	4	1.227	1.227	0.000
3	5	1.226	1.228	0.002
8	6	1.227	1.228	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.228	0.002
8	9	1.226	1.227	0.001
8	10	1.226	1.228	0.002
10	11	1.226	1.226	0.000
10	12	1.227	1.227	0.000
10	13	1.227	1.226	-0.001
10	14	1.226	1.227	0.001
10	15	1.227	1.227	0.000
15	16	1.227	1.227	0.000
15	17	1.227	1.226	-0.001
15	18	1.228	1.226	-0.002
15	19	1.227	1.226	-0.001
15	20	1.226	1.226	0.000
30	21	1.226	1.225	-0.001
30	22	1.226	1.225	-0.001
30	23	1.227	1.225	-0.002
30	24	1.226	1.225	-0.001
30	25	1.227	1.226	-0.001
35	26	1.226	1.226	0.000
35	27	1.227	1.226	-0.001
35	28	1.227	1.226	-0.001
35	29	1.226	1.226	0.000
35	30	1.226	1.225	-0.001
50	31	1.226	1.225	-0.001
50	32	1.227	1.224	-0.003
50	33	1.227	1.224	-0.003
50	34	1.228	1.225	-0.003
50	35	1.227	1.224	-0.003
55	36	1.227	1.226	-0.001
55	37	1.227	1.227	0.000
55	38	1.226	1.226	0.000
55	39	1.227	1.225	-0.002
55	40	1.227	1.227	0.000
100	41	1.227	1.224	-0.003
100	42	1.226	1.224	-0.002
100	43	1.226	1.225	-0.001
100	44	1.227	1.224	-0.003
100	45	1.226	1.225	-0.001
105	46	1.226	1.225	-0.001
105	47	1.227	1.224	-0.003
105	48	1.227	1.224	-0.003
105	49	1.226	1.224	-0.002
105	50	1.227	1.225	-0.002
105	51	1.226	1.223	-0.003
105	52	1.227	1.226	-0.001
105	53	1.227	1.225	-0.002
105	54	1.227	1.224	-0.003
105	55	1.226	1.225	-0.001
105	56	1.227	1.223	-0.004
105	57	1.226	1.225	-0.001
105	58	1.226	1.224	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.224	-0.002
105	62	1.226	1.223	-0.003
105	63	1.227	1.225	-0.002
105	64	1.227	1.224	-0.003
105	65	1.226	1.224	-0.002
105	66	1.227	1.224	-0.003
105	67	1.227	1.225	-0.002
	Max	1.228	1.228	0.002
	Average	1.227	1.225	-0.001
	Min	1.226	1.223	-0.004
	Std Dev	0.001	0.001	0.001



	5.104_V_REFCAP_1P5M_4V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.226	1.227	1.226	1.226	1.225	1.225	1.224	1.225	1.224	1.223
Average	1.227	1.227	1.228	1.227	1.226	1.225	1.226	1.224	1.226	1.224	1.224
Max	1.227	1.228	1.228	1.227	1.227	1.226	1.226	1.225	1.227	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

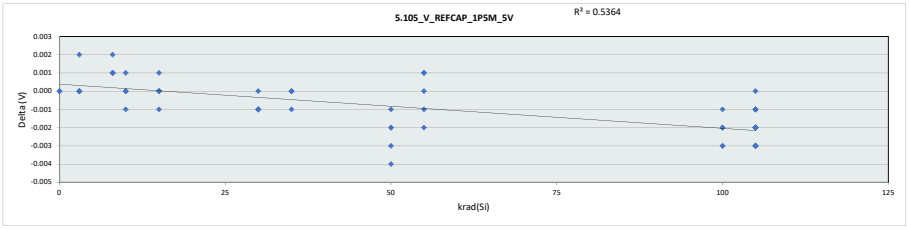


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

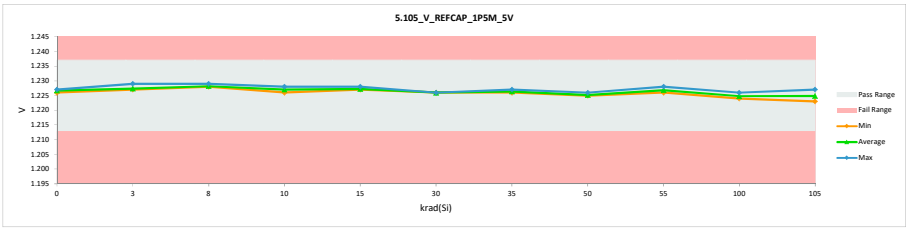
	5.105_V_REFCAP_1P5M_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.227	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.227	0.000
3	3	1.227	1.227	0.000
3	4	1.227	1.227	0.000
3	5	1.227	1.229	0.002
8	6	1.227	1.228	0.001
8	7	1.227	1.228	0.001
8	8	1.227	1.229	0.002
8	9	1.227	1.228	0.001
8	10	1.227	1.228	0.001
10	11	1.226	1.226	0.000
10	12	1.227	1.227	0.000
10	13	1.227	1.226	-0.001
10	14	1.227	1.228	0.001
10	15	1.228	1.228	0.000
15	16	1.227	1.228	0.001
15	17	1.227	1.227	0.000
15	18	1.228	1.227	-0.001
15	19	1.227	1.227	0.000
15	20	1.227	1.227	0.000
30	21	1.226	1.226	0.000
30	22	1.227	1.226	-0.001
30	23	1.227	1.226	-0.001
30	24	1.227	1.226	-0.001
30	25	1.227	1.226	-0.001
35	26	1.226	1.226	0.000
35	27	1.227	1.227	0.000
35	28	1.227	1.227	0.000
35	29	1.227	1.226	-0.001
35	30	1.226	1.226	0.000
50	31	1.227	1.226	-0.001
50	32	1.228	1.225	-0.003
50	33	1.227	1.225	-0.002
50	34	1.229	1.225	-0.004
50	35	1.227	1.225	-0.002
55	36	1.227	1.226	-0.001
55	37	1.227	1.228	0.001
55	38	1.226	1.226	0.000
55	39	1.228	1.226	-0.002
55	40	1.227	1.228	0.001
100	41	1.227	1.225	-0.002
100	42	1.227	1.224	-0.003
100	43	1.227	1.225	-0.002
100	44	1.227	1.224	-0.003
100	45	1.227	1.226	-0.001
105	46	1.227	1.225	-0.002
105	47	1.227	1.225	-0.002
105	48	1.227	1.224	-0.003
105	49	1.227	1.224	-0.003
105	50	1.227	1.226	-0.001
105	51	1.226	1.223	-0.003
105	52	1.227	1.226	-0.001
105	53	1.228	1.226	-0.002
105	54	1.227	1.225	-0.002
105	55	1.227	1.227	0.000
105	56	1.227	1.224	-0.003
105	57	1.227	1.225	-0.002
105	58	1.226	1.225	-0.001
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.224	-0.002
105	62	1.226	1.223	-0.003
105	63	1.227	1.225	-0.002
105	64	1.228	1.225	-0.003
105	65	1.227	1.224	-0.003
105	66	1.227	1.225	-0.002
105	67	1.227	1.226	-0.001
	Max	1.229	1.229	0.002
	Average	1.227	1.226	-0.001
	Min	1.226	1.223	-0.004
	Std Dev	0.001	0.001	0.001



	5.105_V_REFCAP_1P5M_5V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.227	1.228	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.223
Average	1.227	1.227	1.228	1.227	1.227	1.226	1.226	1.225	1.227	1.225	1.225
Max	1.227	1.229	1.229	1.228	1.228	1.226	1.227	1.226	1.228	1.226	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

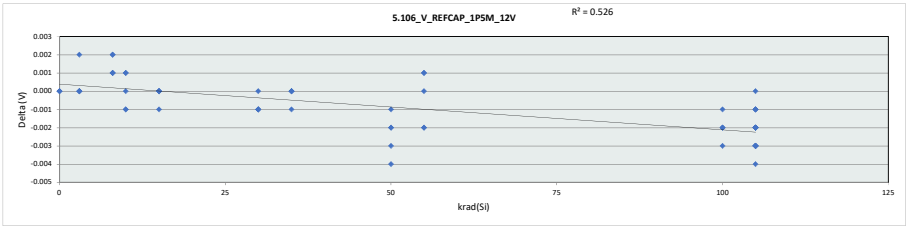


HDR TID Report
TPS7H5001-SP QMLP

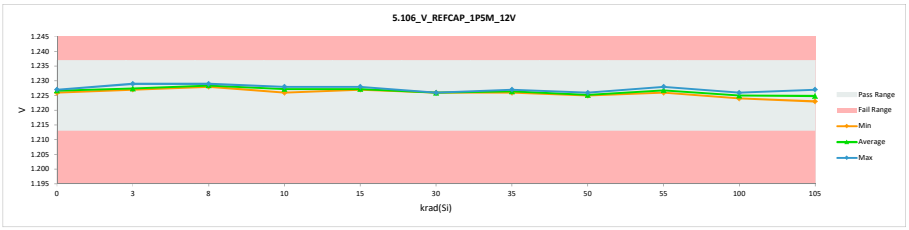
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.106_V_REFCAP_1P5M_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.227	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.227	0.000
3	3	1.227	1.227	0.000
3	4	1.227	1.227	0.000
3	5	1.227	1.229	0.002
8	6	1.227	1.229	0.002
8	7	1.227	1.228	0.001
8	8	1.227	1.229	0.002
8	9	1.227	1.228	0.001
8	10	1.227	1.228	0.001
10	11	1.226	1.226	0.000
10	12	1.227	1.228	0.001
10	13	1.227	1.226	-0.001
10	14	1.227	1.228	0.001
10	15	1.229	1.228	-0.001
15	16	1.228	1.228	0.000
15	17	1.227	1.227	0.000
15	18	1.228	1.227	-0.001
15	19	1.227	1.227	0.000
15	20	1.227	1.227	0.000
30	21	1.226	1.226	0.000
30	22	1.227	1.226	-0.001
30	23	1.227	1.226	-0.001
30	24	1.227	1.226	-0.001
30	25	1.227	1.226	-0.001
35	26	1.226	1.226	0.000
35	27	1.227	1.227	0.000
35	28	1.227	1.227	0.000
35	29	1.227	1.226	-0.001
35	30	1.226	1.226	0.000
50	31	1.227	1.226	-0.001
50	32	1.228	1.225	-0.003
50	33	1.227	1.225	-0.002
50	34	1.229	1.225	-0.004
50	35	1.227	1.225	-0.002
55	36	1.228	1.226	-0.002
55	37	1.227	1.228	0.001
55	38	1.226	1.226	0.000
55	39	1.228	1.226	-0.002
55	40	1.227	1.228	0.001
100	41	1.227	1.225	-0.002
100	42	1.227	1.225	-0.002
100	43	1.227	1.225	-0.002
100	44	1.227	1.224	-0.003
100	45	1.227	1.226	-0.001
105	46	1.227	1.225	-0.002
105	47	1.228	1.225	-0.003
105	48	1.227	1.224	-0.003
105	49	1.227	1.224	-0.003
105	50	1.227	1.226	-0.001
105	51	1.227	1.223	-0.004
105	52	1.227	1.226	-0.001
105	53	1.228	1.226	-0.002
105	54	1.227	1.225	-0.002
105	55	1.227	1.227	0.000
105	56	1.227	1.224	-0.003
105	57	1.227	1.225	-0.002
105	58	1.227	1.225	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.224	-0.002
105	62	1.226	1.223	-0.003
105	63	1.227	1.226	-0.001
105	64	1.228	1.225	-0.003
105	65	1.227	1.224	-0.003
105	66	1.228	1.225	-0.003
105	67	1.227	1.226	-0.001
	Max	1.229	1.229	0.002
	Average	1.227	1.226	-0.001
	Min	1.226	1.223	-0.004
	Std Dev	0.001	0.001	0.001



	5.106_V_REFCAP_1P5M_12V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.227	1.228	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.223
Average	1.227	1.227	1.228	1.227	1.227	1.226	1.226	1.225	1.227	1.225	1.225
Max	1.227	1.229	1.229	1.228	1.228	1.226	1.227	1.226	1.228	1.226	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

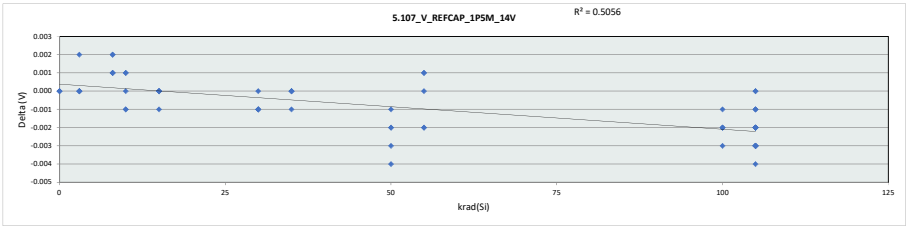


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

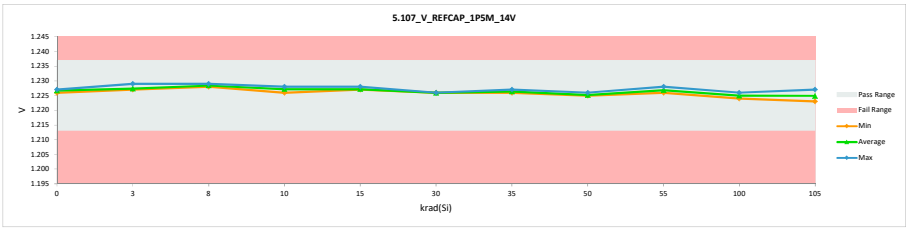
	5.107_V_REFCAP_1P5M_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.227	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.227	0.000
3	3	1.227	1.227	0.000
3	4	1.227	1.227	0.000
3	5	1.227	1.229	0.002
8	6	1.227	1.229	0.002
8	7	1.227	1.228	0.001
8	8	1.227	1.229	0.002
8	9	1.227	1.228	0.001
8	10	1.227	1.228	0.001
10	11	1.226	1.226	0.000
10	12	1.227	1.228	0.001
10	13	1.227	1.226	-0.001
10	14	1.227	1.228	0.001
10	15	1.229	1.228	-0.001
15	16	1.228	1.228	0.000
15	17	1.227	1.227	0.000
15	18	1.228	1.227	-0.001
15	19	1.227	1.227	0.000
15	20	1.227	1.227	0.000
30	21	1.226	1.226	0.000
30	22	1.227	1.226	-0.001
30	23	1.227	1.226	-0.001
30	24	1.227	1.226	-0.001
30	25	1.227	1.226	-0.001
35	26	1.226	1.226	0.000
35	27	1.227	1.227	0.000
35	28	1.227	1.227	0.000
35	29	1.227	1.226	-0.001
35	30	1.226	1.226	0.000
50	31	1.227	1.226	-0.001
50	32	1.228	1.225	-0.003
50	33	1.227	1.225	-0.002
50	34	1.229	1.225	-0.004
50	35	1.227	1.225	-0.002
55	36	1.228	1.226	-0.002
55	37	1.227	1.228	0.001
55	38	1.226	1.226	0.000
55	39	1.228	1.226	-0.002
55	40	1.227	1.228	0.001
100	41	1.227	1.225	-0.002
100	42	1.227	1.225	-0.002
100	43	1.227	1.225	-0.002
100	44	1.227	1.224	-0.003
100	45	1.227	1.226	-0.001
105	46	1.227	1.225	-0.002
105	47	1.228	1.225	-0.003
105	48	1.227	1.224	-0.003
105	49	1.227	1.224	-0.003
105	50	1.227	1.226	-0.001
105	51	1.227	1.223	-0.004
105	52	1.227	1.227	0.000
105	53	1.228	1.226	-0.002
105	54	1.227	1.225	-0.002
105	55	1.227	1.227	0.000
105	56	1.227	1.224	-0.003
105	57	1.227	1.225	-0.002
105	58	1.227	1.225	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.224	-0.002
105	62	1.226	1.223	-0.003
105	63	1.227	1.226	-0.001
105	64	1.228	1.225	-0.003
105	65	1.227	1.224	-0.003
105	66	1.228	1.225	-0.003
105	67	1.227	1.226	-0.001
	Max	1.229	1.229	0.002
	Average	1.227	1.226	-0.001
	Min	1.226	1.223	-0.004
	Std Dev	0.001	0.001	0.001



	5.107_V_REFCAP_1P5M_14V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.227	1.228	1.226	1.227	1.226	1.226	1.225	1.226	1.224	1.223
Average	1.227	1.227	1.228	1.227	1.227	1.226	1.226	1.225	1.227	1.225	1.225
Max	1.227	1.229	1.229	1.228	1.228	1.226	1.227	1.226	1.228	1.226	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

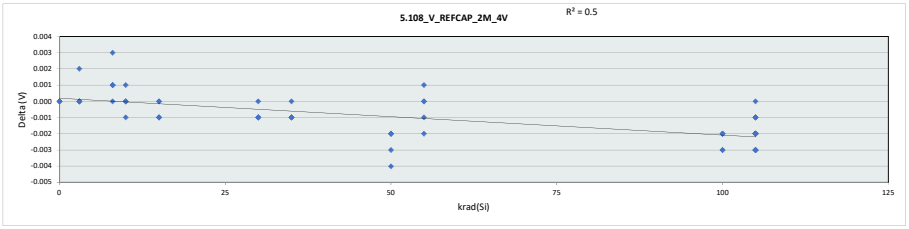


HDR TID Report
TPS7H5001-SP QMLP

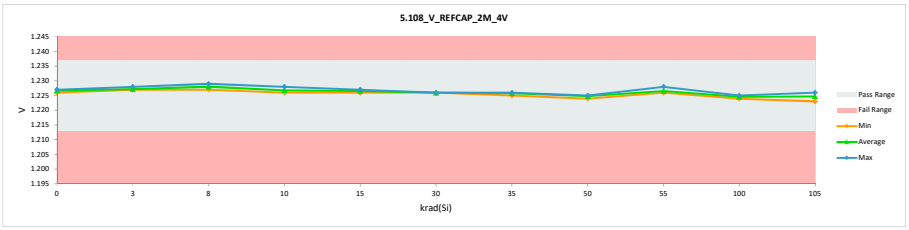
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	5.108_V_REFCAP_2M_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.227	0.000
0	992	1.227	1.227	0.000
0	993	1.226	1.226	0.000
3	1	1.227	1.227	0.000
3	2	1.227	1.227	0.000
3	3	1.227	1.227	0.000
3	4	1.227	1.227	0.000
3	5	1.226	1.228	0.002
8	6	1.227	1.228	0.001
8	7	1.227	1.227	0.000
8	8	1.226	1.229	0.003
8	9	1.227	1.228	0.001
8	10	1.227	1.228	0.001
10	11	1.226	1.226	0.000
10	12	1.227	1.227	0.000
10	13	1.227	1.226	-0.001
10	14	1.226	1.227	0.001
10	15	1.228	1.228	0.000
15	16	1.227	1.227	0.000
15	17	1.227	1.226	-0.001
15	18	1.228	1.227	-0.001
15	19	1.227	1.226	-0.001
15	20	1.227	1.227	0.000
30	21	1.226	1.226	0.000
30	22	1.227	1.226	-0.001
30	23	1.227	1.226	-0.001
30	24	1.227	1.226	-0.001
30	25	1.227	1.226	-0.001
35	26	1.226	1.226	0.000
35	27	1.227	1.226	-0.001
35	28	1.227	1.226	-0.001
35	29	1.227	1.226	-0.001
35	30	1.226	1.225	-0.001
50	31	1.227	1.225	-0.002
50	32	1.227	1.225	-0.002
50	33	1.227	1.225	-0.002
50	34	1.229	1.225	-0.004
50	35	1.227	1.224	-0.003
55	36	1.227	1.226	-0.001
55	37	1.227	1.227	0.000
55	38	1.226	1.226	0.000
55	39	1.228	1.226	-0.002
55	40	1.227	1.228	0.001
100	41	1.227	1.225	-0.002
100	42	1.227	1.224	-0.003
100	43	1.227	1.225	-0.002
100	44	1.227	1.224	-0.003
100	45	1.227	1.225	-0.002
105	46	1.226	1.225	-0.001
105	47	1.227	1.225	-0.002
105	48	1.227	1.224	-0.003
105	49	1.227	1.224	-0.003
105	50	1.227	1.226	-0.001
105	51	1.226	1.223	-0.003
105	52	1.227	1.226	-0.001
105	53	1.228	1.226	-0.002
105	54	1.227	1.225	-0.002
105	55	1.226	1.226	0.000
105	56	1.227	1.224	-0.003
105	57	1.227	1.225	-0.002
105	58	1.226	1.224	-0.002
105	59	1.227	1.225	-0.002
105	60	1.226	1.224	-0.002
105	61	1.226	1.224	-0.002
105	62	1.226	1.223	-0.003
105	63	1.227	1.225	-0.002
105	64	1.227	1.225	-0.002
105	65	1.227	1.224	-0.003
105	66	1.227	1.225	-0.002
105	67	1.227	1.226	-0.001
	Max	1.229	1.229	0.003
	Average	1.227	1.226	-0.001
	Min	1.226	1.223	-0.004
	Std Dev	0.001	0.001	0.001



	5.108_V_REFCAP_2M_4V										
Test Site											
Tester											
Test Number											
Max Limit	1.237	V									
Min Limit	1.213	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.227	1.227	1.226	1.226	1.226	1.225	1.224	1.226	1.224	1.223
Average	1.227	1.227	1.228	1.227	1.227	1.226	1.226	1.225	1.227	1.225	1.225
Max	1.227	1.228	1.229	1.228	1.227	1.226	1.226	1.225	1.228	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

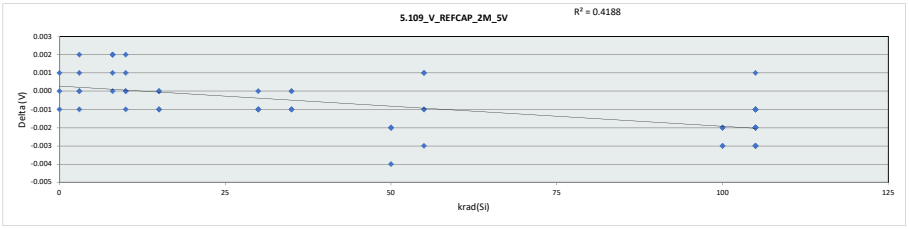


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

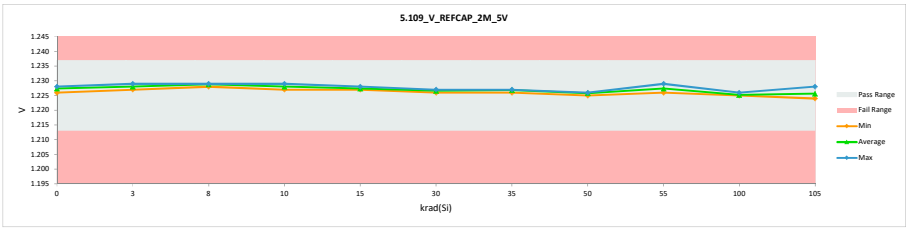
	5.109_V_REFCAP_2M_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.228	0.001
0	992	1.228	1.228	0.000
0	993	1.227	1.226	-0.001
3	1	1.227	1.228	0.001
3	2	1.228	1.227	-0.001
3	3	1.228	1.228	0.000
3	4	1.228	1.228	0.000
3	5	1.227	1.229	0.002
8	6	1.227	1.229	0.002
8	7	1.228	1.228	0.000
8	8	1.227	1.229	0.002
8	9	1.228	1.229	0.001
8	10	1.227	1.229	0.002
10	11	1.226	1.227	0.001
10	12	1.228	1.228	0.000
10	13	1.228	1.227	-0.001
10	14	1.227	1.229	0.002
10	15	1.229	1.229	0.000
15	16	1.228	1.228	0.000
15	17	1.228	1.227	-0.001
15	18	1.229	1.228	-0.001
15	19	1.228	1.227	-0.001
15	20	1.227	1.227	0.000
30	21	1.227	1.226	-0.001
30	22	1.227	1.227	0.000
30	23	1.227	1.226	-0.001
30	24	1.228	1.227	-0.001
30	25	1.228	1.227	-0.001
35	26	1.227	1.227	0.000
35	27	1.228	1.227	-0.001
35	28	1.228	1.227	-0.001
35	29	1.227	1.227	0.000
35	30	1.227	1.226	-0.001
50	31	1.228	1.226	-0.002
50	32	1.228	1.226	-0.002
50	33	1.228	1.226	-0.002
50	34	1.230	1.226	-0.004
50	35	1.227	1.225	-0.002
55	36	1.228	1.227	-0.001
55	37	1.228	1.229	0.001
55	38	1.227	1.226	-0.001
55	39	1.229	1.226	-0.003
55	40	1.228	1.229	0.001
100	41	1.228	1.225	-0.003
100	42	1.228	1.225	-0.003
100	43	1.227	1.225	-0.002
100	44	1.227	1.225	-0.002
100	45	1.228	1.226	-0.002
105	46	1.227	1.225	-0.002
105	47	1.228	1.225	-0.003
105	48	1.227	1.225	-0.002
105	49	1.227	1.225	-0.002
105	50	1.227	1.226	-0.001
105	51	1.227	1.224	-0.003
105	52	1.228	1.227	-0.001
105	53	1.228	1.227	-0.001
105	54	1.228	1.226	-0.002
105	55	1.227	1.228	0.001
105	56	1.228	1.225	-0.003
105	57	1.227	1.226	-0.001
105	58	1.227	1.225	-0.002
105	59	1.227	1.226	-0.001
105	60	1.227	1.225	-0.002
105	61	1.227	1.225	-0.002
105	62	1.227	1.224	-0.003
105	63	1.227	1.226	-0.001
105	64	1.229	1.226	-0.003
105	65	1.227	1.225	-0.002
105	66	1.228	1.226	-0.002
105	67	1.228	1.227	-0.001
	Max	1.230	1.229	0.002
	Average	1.228	1.227	-0.001
	Min	1.226	1.224	-0.004
	Std Dev	0.001	0.001	0.001



	5.109_V_REFCAP_2M_5V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.227	1.228	1.227	1.227	1.226	1.226	1.225	1.226	1.225	1.224
Average	1.227	1.228	1.229	1.228	1.227	1.227	1.227	1.226	1.227	1.225	1.226
Max	1.228	1.229	1.229	1.229	1.228	1.227	1.227	1.226	1.229	1.226	1.228
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

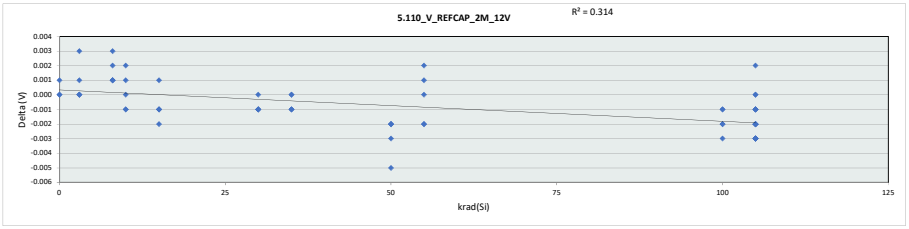


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

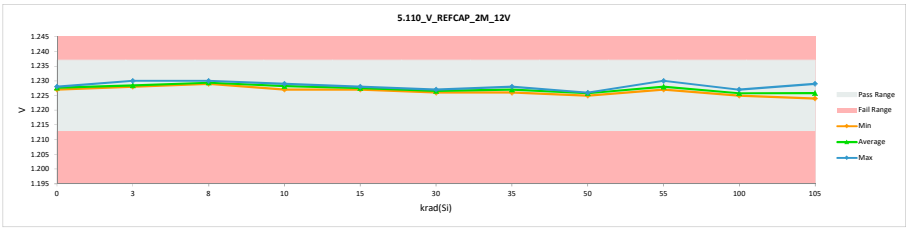
	5.110_V_REFCAP_2M_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.228	0.001
0	992	1.228	1.228	0.000
0	993	1.227	1.227	0.000
3	1	1.227	1.228	0.001
3	2	1.228	1.228	0.000
3	3	1.228	1.228	0.000
3	4	1.228	1.228	0.000
3	5	1.227	1.230	0.003
8	6	1.227	1.230	0.003
8	7	1.228	1.229	0.001
8	8	1.228	1.230	0.002
8	9	1.228	1.229	0.001
8	10	1.228	1.229	0.001
10	11	1.227	1.227	0.000
10	12	1.228	1.229	0.001
10	13	1.228	1.227	-0.001
10	14	1.227	1.229	0.002
10	15	1.230	1.229	-0.001
15	16	1.229	1.228	-0.001
15	17	1.228	1.227	-0.001
15	18	1.230	1.228	-0.002
15	19	1.228	1.227	-0.001
15	20	1.227	1.228	0.001
30	21	1.227	1.226	-0.001
30	22	1.227	1.227	0.000
30	23	1.227	1.226	-0.001
30	24	1.228	1.227	-0.001
30	25	1.228	1.227	-0.001
35	26	1.227	1.227	0.000
35	27	1.228	1.227	-0.001
35	28	1.228	1.228	0.000
35	29	1.228	1.227	-0.001
35	30	1.227	1.226	-0.001
50	31	1.228	1.226	-0.002
50	32	1.228	1.226	-0.002
50	33	1.228	1.226	-0.002
50	34	1.231	1.226	-0.005
50	35	1.228	1.225	-0.003
55	36	1.229	1.227	-0.002
55	37	1.228	1.230	0.002
55	38	1.227	1.227	0.000
55	39	1.229	1.227	-0.002
55	40	1.228	1.229	0.001
100	41	1.228	1.225	-0.003
100	42	1.228	1.226	-0.002
100	43	1.227	1.226	-0.001
100	44	1.227	1.225	-0.002
100	45	1.228	1.227	-0.001
105	46	1.227	1.225	-0.002
105	47	1.228	1.225	-0.003
105	48	1.228	1.225	-0.003
105	49	1.227	1.225	-0.002
105	50	1.228	1.226	-0.002
105	51	1.227	1.224	-0.003
105	52	1.228	1.228	0.000
105	53	1.228	1.227	-0.001
105	54	1.228	1.227	-0.001
105	55	1.227	1.229	0.002
105	56	1.228	1.225	-0.003
105	57	1.227	1.226	-0.001
105	58	1.227	1.225	-0.002
105	59	1.227	1.226	-0.001
105	60	1.227	1.225	-0.002
105	61	1.227	1.225	-0.002
105	62	1.227	1.224	-0.003
105	63	1.227	1.227	0.000
105	64	1.229	1.226	-0.003
105	65	1.227	1.225	-0.002
105	66	1.229	1.226	-0.003
105	67	1.228	1.227	-0.001
	Max	1.231	1.230	0.003
	Average	1.228	1.227	-0.001
	Min	1.227	1.224	-0.005
	Std Dev	0.001	0.002	0.002



	5.110_V_REFCAP_2M_12V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.227	1.228	1.229	1.227	1.227	1.226	1.226	1.225	1.227	1.225	1.224
Average	1.228	1.228	1.229	1.228	1.228	1.227	1.227	1.226	1.228	1.226	1.226
Max	1.228	1.230	1.230	1.229	1.228	1.227	1.228	1.226	1.230	1.227	1.229
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

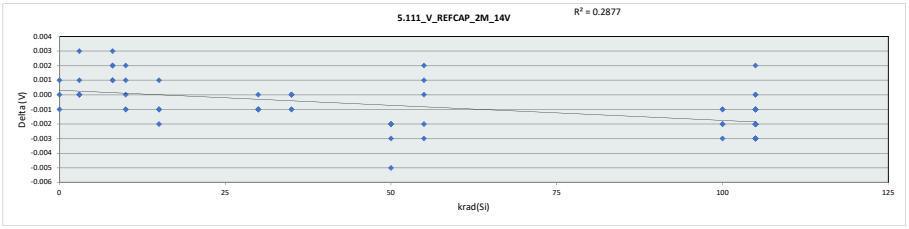


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

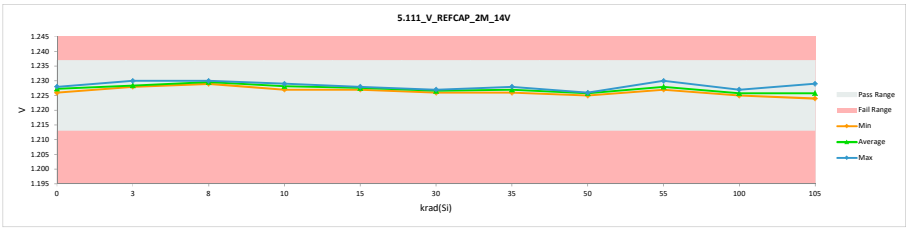
	5.111_V_REFCAP_2M_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.227	1.228	0.001
0	992	1.228	1.228	0.000
0	993	1.227	1.226	-0.001
3	1	1.227	1.228	0.001
3	2	1.228	1.228	0.000
3	3	1.228	1.228	0.000
3	4	1.228	1.228	0.000
3	5	1.227	1.230	0.003
8	6	1.227	1.230	0.003
8	7	1.228	1.229	0.001
8	8	1.228	1.230	0.002
8	9	1.228	1.230	0.002
8	10	1.228	1.229	0.001
10	11	1.227	1.227	0.000
10	12	1.228	1.229	0.001
10	13	1.228	1.227	-0.001
10	14	1.227	1.229	0.002
10	15	1.230	1.229	-0.001
15	16	1.229	1.228	-0.001
15	17	1.228	1.227	-0.001
15	18	1.230	1.228	-0.002
15	19	1.228	1.227	-0.001
15	20	1.227	1.228	0.001
30	21	1.227	1.226	-0.001
30	22	1.227	1.227	0.000
30	23	1.227	1.226	-0.001
30	24	1.228	1.227	-0.001
30	25	1.228	1.227	-0.001
35	26	1.227	1.227	0.000
35	27	1.228	1.227	-0.001
35	28	1.228	1.228	0.000
35	29	1.227	1.227	0.000
35	30	1.227	1.226	-0.001
50	31	1.228	1.226	-0.002
50	32	1.228	1.226	-0.002
50	33	1.228	1.226	-0.002
50	34	1.231	1.226	-0.005
50	35	1.228	1.225	-0.003
55	36	1.229	1.227	-0.002
55	37	1.228	1.230	0.002
55	38	1.227	1.227	0.000
55	39	1.230	1.227	-0.003
55	40	1.228	1.229	0.001
100	41	1.228	1.225	-0.003
100	42	1.228	1.226	-0.002
100	43	1.227	1.226	-0.001
100	44	1.227	1.225	-0.002
100	45	1.228	1.227	-0.001
105	46	1.227	1.225	-0.002
105	47	1.228	1.225	-0.003
105	48	1.228	1.225	-0.003
105	49	1.227	1.225	-0.002
105	50	1.227	1.226	-0.001
105	51	1.227	1.224	-0.003
105	52	1.228	1.228	0.000
105	53	1.228	1.227	-0.001
105	54	1.228	1.227	-0.001
105	55	1.227	1.229	0.002
105	56	1.228	1.225	-0.003
105	57	1.227	1.226	-0.001
105	58	1.227	1.225	-0.002
105	59	1.227	1.226	-0.001
105	60	1.227	1.225	-0.002
105	61	1.227	1.225	-0.002
105	62	1.227	1.224	-0.003
105	63	1.227	1.227	0.000
105	64	1.229	1.226	-0.003
105	65	1.227	1.225	-0.002
105	66	1.228	1.226	-0.002
105	67	1.228	1.227	-0.001
	Max	1.231	1.230	0.003
	Average	1.228	1.227	-0.001
	Min	1.227	1.224	-0.005
	Std Dev	0.001	0.002	0.002



	5.111_V_REFCAP_2M_14V	
Test Site		
Tester		
Test Number		
Max Limit	1.237	V
Min Limit	1.213	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.226	1.228	1.229	1.227	1.227	1.226	1.226	1.225	1.227	1.225	1.224
Average	1.227	1.228	1.230	1.228	1.228	1.227	1.227	1.226	1.228	1.226	1.226
Max	1.228	1.230	1.230	1.229	1.228	1.227	1.228	1.226	1.230	1.227	1.229
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237	1.237

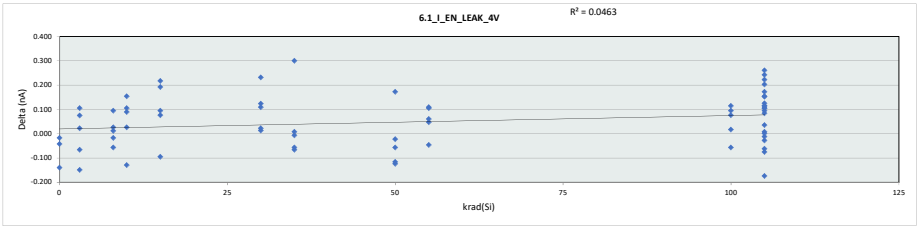


HDR TID Report
TPS7H5001-SP QMLP

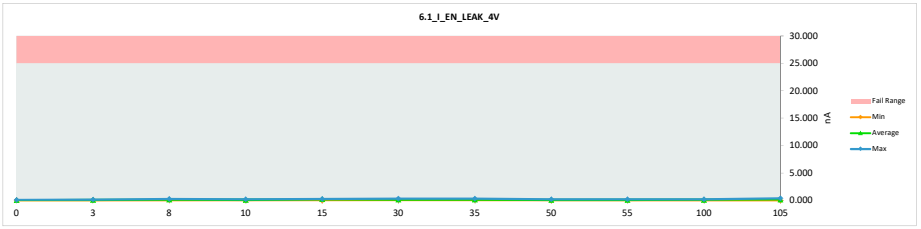
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.1_I_EN_LEAK_4V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	5	25
Min Limit	-0.1	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.083	0.041	-0.042
0	992	0.171	0.032	-0.139
0	993	0.141	0.124	-0.017
3	1	0.190	0.124	-0.066
3	2	0.054	0.076	0.022
3	3	0.190	0.041	-0.149
3	4	0.034	0.139	0.105
3	5	0.015	0.090	0.075
8	6	0.044	0.071	0.027
8	7	0.200	0.295	0.095
8	8	0.102	0.085	-0.017
8	9	0.132	0.144	0.012
8	10	0.219	0.163	-0.056
10	11	0.161	0.032	-0.129
10	12	0.063	0.217	0.154
10	13	0.044	0.071	0.027
10	14	0.024	0.129	0.105
10	15	0.054	0.144	0.090
15	16	0.015	0.207	0.192
15	17	0.005	0.222	0.217
15	18	0.102	0.007	-0.095
15	19	0.122	0.217	0.095
15	20	0.200	0.276	0.076
30	21	0.024	0.134	0.110
30	22	0.005	0.129	0.124
30	23	0.122	0.144	0.022
30	24	0.063	0.076	0.013
30	25	0.083	0.315	0.232
35	26	0.102	0.110	0.008
35	27	0.132	0.076	-0.056
35	28	0.141	0.134	-0.007
35	29	0.229	0.163	-0.066
35	30	0.005	0.305	0.300
50	31	0.034	0.207	0.173
50	32	0.171	0.149	-0.022
50	33	0.122	0.007	-0.115
50	34	0.317	0.193	-0.124
50	35	0.102	0.046	-0.056
55	36	0.024	0.129	0.105
55	37	0.015	0.076	0.061
55	38	0.151	0.198	0.047
55	39	0.044	0.154	0.110
55	40	0.083	0.037	-0.046
100	41	0.063	0.139	0.076
100	42	0.102	0.217	0.115
100	43	0.073	0.017	-0.056
100	44	0.093	0.188	0.095
100	45	0.054	0.071	0.017
105	46	0.093	0.207	0.114
105	47	0.258	0.085	-0.173
105	48	0.141	0.080	-0.061
105	49	0.180	0.168	-0.012
105	50	0.112	0.037	-0.075
105	51	0.054	0.159	0.105
105	52	0.210	0.305	0.095
105	53	0.102	0.344	0.242
105	54	0.073	0.046	-0.027
105	55	0.063	0.266	0.203
105	56	0.034	0.159	0.125
105	57	0.044	0.080	0.036
105	58	0.093	0.266	0.173
105	59	0.180	0.295	0.115
105	60	0.063	0.324	0.261
105	61	0.083	0.188	0.105
105	62	0.054	0.207	0.153
105	63	0.063	0.071	0.008
105	64	0.083	0.168	0.085
105	65	0.005	0.007	0.002
105	66	0.161	0.383	0.222
105	67	0.024	0.178	0.154
	Max	0.317	0.383	0.300
	Average	0.098	0.148	0.050
	Min	0.005	0.007	-0.173
	Std Dev	0.068	0.091	0.107



	6.1_I_EN_LEAK_4V										
Test Site											
Tester											
Test Number											
Max Limit	25	nA									
Min Limit		nA									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	0.032	0.041	0.071	0.032	0.007	0.076	0.076	0.007	0.037	0.017	0.007
Average	0.066	0.094	0.152	0.119	0.186	0.160	0.158	0.120	0.119	0.126	0.183
Max	0.124	0.139	0.295	0.217	0.276	0.315	0.305	0.207	0.198	0.217	0.383
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000

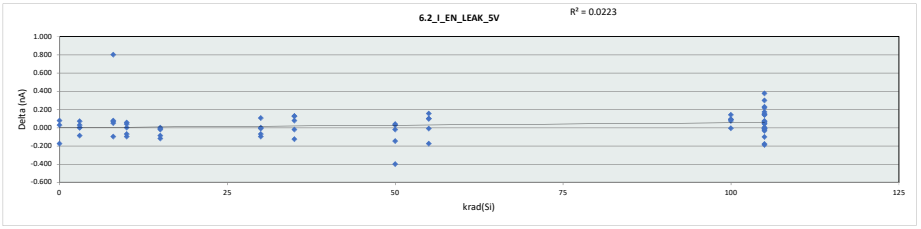


HDR TID Report
TPS7H5001-SP QMLP

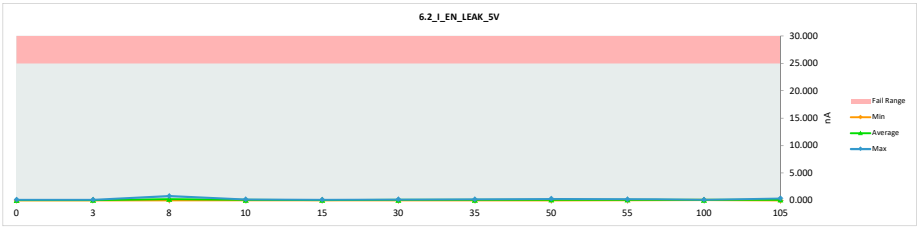
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.2_I_EN_LEAK_5V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	5	25
Min Limit	-0.1	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.176	0.000	-0.176
0	992	0.059	0.137	0.078
0	993	0.000	0.029	0.029
3	1	0.078	0.078	0.000
3	2	0.117	0.146	0.029
3	3	0.068	0.068	0.000
3	4	0.068	0.137	0.069
3	5	0.117	0.029	-0.088
8	6	0.088	0.166	0.078
8	7	0.000	0.800	0.800
8	8	0.010	0.059	0.049
8	9	0.166	0.068	-0.098
8	10	0.059	0.127	0.068
10	11	0.176	0.215	0.039
10	12	0.117	0.020	-0.097
10	13	0.098	0.029	-0.069
10	14	0.137	0.195	0.058
10	15	0.117	0.117	0.000
15	16	0.068	0.068	0.000
15	17	0.166	0.146	-0.020
15	18	0.244	0.127	-0.117
15	19	0.107	0.020	-0.087
15	20	0.059	0.049	-0.010
30	21	0.098	0.000	-0.098
30	22	0.107	0.098	-0.009
30	23	0.166	0.098	-0.068
30	24	0.195	0.195	0.000
30	25	0.088	0.195	0.107
35	26	0.010	0.137	0.127
35	27	0.039	0.117	0.078
35	28	0.078	0.205	0.127
35	29	0.059	0.039	-0.020
35	30	0.176	0.049	-0.127
50	31	0.185	0.039	-0.146
50	32	0.068	0.107	0.039
50	33	0.185	0.215	0.030
50	34	0.732	0.332	-0.400
50	35	0.039	0.020	-0.019
55	36	0.010	0.166	0.156
55	37	0.224	0.049	-0.175
55	38	0.127	0.224	0.097
55	39	0.127	0.117	-0.010
55	40	0.039	0.137	0.098
100	41	0.137	0.132	-0.005
100	42	0.010	0.151	0.141
100	43	0.029	0.102	0.073
100	44	0.029	0.122	0.093
100	45	0.029	0.122	0.093
105	46	0.098	0.239	0.141
105	47	0.088	0.151	0.063
105	48	0.000	0.376	0.376
105	49	0.283	0.327	0.044
105	50	0.117	0.112	-0.005
105	51	0.127	0.093	-0.034
105	52	0.137	0.132	-0.005
105	53	0.029	0.093	0.064
105	54	0.234	0.044	-0.190
105	55	0.059	0.034	-0.025
105	56	0.088	0.317	0.229
105	57	0.000	0.297	0.297
105	58	0.068	0.239	0.171
105	59	0.020	0.024	0.004
105	60	0.107	0.005	-0.102
105	61	0.029	0.102	0.073
105	62	0.020	0.161	0.141
105	63	0.098	0.249	0.151
105	64	0.059	0.278	0.219
105	65	0.195	0.015	-0.180
105	66	0.049	0.044	-0.005
105	67	0.068	0.112	0.044
	Max	0.732	0.800	0.800
	Average	0.104	0.135	0.031
	Min	0.000	0.000	-0.400
	Std Dev	0.101	0.119	0.152



	6.2_I_EN_LEAK_5V										
Test Site											
Tester											
Test Number											
Max Limit	25	nA									
Min Limit		nA									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	0.000	0.029	0.059	0.020	0.020	0.000	0.039	0.020	0.049	0.102	0.005
Average	0.055	0.092	0.244	0.115	0.082	0.117	0.109	0.143	0.139	0.126	0.157
Max	0.137	0.146	0.800	0.215	0.146	0.195	0.205	0.332	0.224	0.151	0.376
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000

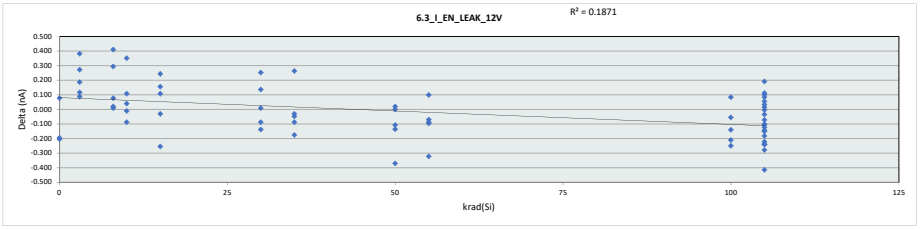


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

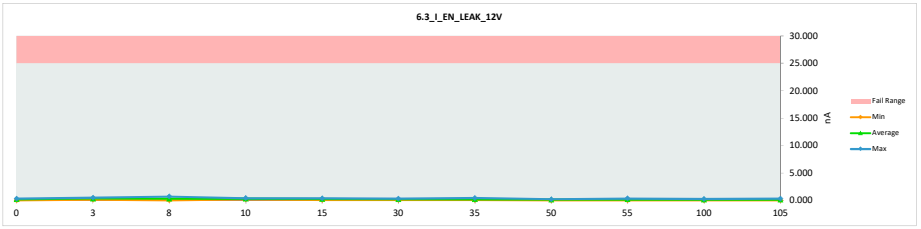
	6.3_I_EN_LEAK_12V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	5	25
Min Limit	-0.1	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.380	0.176	-0.204
0	992	0.254	0.059	-0.195
0	993	0.273	0.351	0.078
3	1	0.078	0.166	0.088
3	2	0.146	0.527	0.381
3	3	0.302	0.488	0.186
3	4	0.156	0.273	0.117
3	5	0.068	0.341	0.273
8	6	0.117	0.127	0.010
8	7	0.302	0.712	0.410
8	8	0.039	0.059	0.020
8	9	0.293	0.371	0.078
8	10	0.107	0.400	0.293
10	11	0.185	0.293	0.108
10	12	0.380	0.293	-0.087
10	13	0.215	0.205	-0.010
10	14	0.068	0.419	0.351
10	15	0.380	0.419	0.039
15	16	0.156	0.400	0.244
15	17	0.371	0.117	-0.254
15	18	0.146	0.254	0.108
15	19	0.185	0.341	0.156
15	20	0.254	0.224	-0.030
30	21	0.234	0.244	0.010
30	22	0.156	0.293	0.137
30	23	0.098	0.351	0.253
30	24	0.234	0.146	-0.088
30	25	0.254	0.117	-0.137
35	26	0.185	0.449	0.264
35	27	0.137	0.107	-0.030
35	28	0.273	0.224	-0.049
35	29	0.224	0.137	-0.087
35	30	0.341	0.166	-0.175
50	31	0.166	0.185	0.019
50	32	0.302	0.166	-0.136
50	33	0.224	0.224	0.000
50	34	0.595	0.224	-0.371
50	35	0.146	0.039	-0.107
55	36	0.322	0.234	-0.088
55	37	0.195	0.098	-0.097
55	38	0.410	0.341	-0.069
55	39	0.371	0.049	-0.322
55	40	0.263	0.361	0.098
100	41	0.361	0.151	-0.210
100	42	0.195	0.278	0.083
100	43	0.166	0.112	-0.054
100	44	0.283	0.034	-0.249
100	45	0.341	0.200	-0.141
105	46	0.254	0.034	-0.220
105	47	0.332	0.327	-0.005
105	48	0.400	0.122	-0.278
105	49	0.244	0.171	-0.073
105	50	0.029	0.141	0.112
105	51	0.234	0.288	0.054
105	52	0.166	0.268	0.102
105	53	0.458	0.044	-0.414
105	54	0.146	0.044	-0.102
105	55	0.254	0.015	-0.239
105	56	0.263	0.278	0.015
105	57	0.293	0.054	-0.239
105	58	0.283	0.132	-0.151
105	59	0.254	0.288	0.034
105	60	0.371	0.132	-0.239
105	61	0.293	0.112	-0.181
105	62	0.195	0.278	0.083
105	63	0.224	0.190	-0.034
105	64	0.322	0.200	-0.122
105	65	0.205	0.063	-0.142
105	66	0.068	0.258	0.190
105	67	0.117	0.015	-0.102
	Max	0.595	0.712	0.410
	Average	0.239	0.220	-0.019
	Min	0.029	0.015	-0.414
	Std Dev	0.107	0.138	0.179



	6.3_I_EN_LEAK_12V	
Test Site		
Tester		
Test Number		
Max Limit	25	nA
Min Limit		nA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	0.059	0.166	0.059	0.205	0.117	0.117	0.107	0.039	0.049	0.034	0.015
Average	0.195	0.359	0.334	0.326	0.267	0.230	0.217	0.168	0.217	0.155	0.157
Max	0.351	0.527	0.712	0.419	0.400	0.351	0.449	0.224	0.361	0.278	0.327
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000

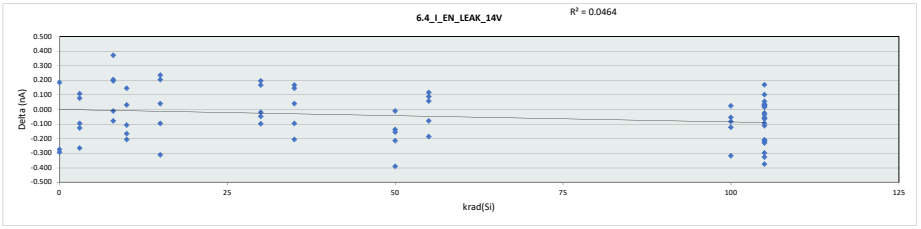


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

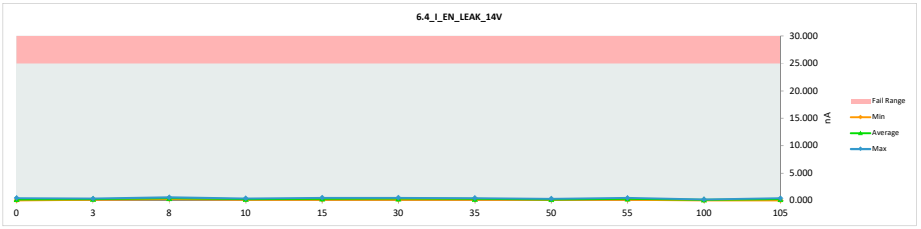
	6.4_I_EN_LEAK_14V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	5	25
Min Limit	-0.1	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.312	0.039	-0.273
0	992	0.371	0.078	-0.293
0	993	0.273	0.458	0.185
3	1	0.458	0.332	-0.126
3	2	0.244	0.351	0.107
3	3	0.410	0.146	-0.264
3	4	0.263	0.341	0.078
3	5	0.341	0.244	-0.097
8	6	0.361	0.556	0.195
8	7	0.361	0.283	-0.078
8	8	0.185	0.390	0.205
8	9	0.254	0.244	-0.010
8	10	0.195	0.566	0.371
10	11	0.429	0.263	-0.166
10	12	0.449	0.244	-0.205
10	13	0.234	0.127	-0.107
10	14	0.215	0.361	0.146
10	15	0.302	0.332	0.030
15	16	0.458	0.146	-0.312
15	17	0.254	0.488	0.234
15	18	0.195	0.400	0.205
15	19	0.273	0.176	-0.097
15	20	0.283	0.322	0.039
30	21	0.293	0.488	0.195
30	22	0.488	0.468	-0.020
30	23	0.205	0.156	-0.049
30	24	0.361	0.263	-0.098
30	25	0.234	0.400	0.166
35	26	0.312	0.215	-0.097
35	27	0.224	0.390	0.166
35	28	0.390	0.429	0.039
35	29	0.166	0.312	0.146
35	30	0.361	0.156	-0.205
50	31	0.371	0.234	-0.137
50	32	0.351	0.195	-0.156
50	33	0.312	0.302	-0.010
50	34	0.429	0.215	-0.214
50	35	0.536	0.146	-0.390
55	36	0.380	0.468	0.088
55	37	0.361	0.283	-0.078
55	38	0.263	0.380	0.117
55	39	0.351	0.166	-0.185
55	40	0.322	0.380	0.058
100	41	0.166	0.190	0.024
100	42	0.195	0.141	-0.054
100	43	0.224	0.102	-0.122
100	44	0.351	0.034	-0.317
100	45	0.263	0.180	-0.083
105	46	0.419	0.190	-0.229
105	47	0.215	0.385	0.170
105	48	0.449	0.122	-0.327
105	49	0.244	0.024	-0.220
105	50	0.283	0.219	-0.064
105	51	0.312	0.337	0.025
105	52	0.156	0.102	-0.054
105	53	0.380	0.171	-0.209
105	54	0.419	0.307	-0.112
105	55	0.146	0.171	0.025
105	56	0.380	0.356	-0.024
105	57	0.527	0.229	-0.298
105	58	0.224	0.258	0.034
105	59	0.195	0.132	-0.063
105	60	0.302	0.337	0.035
105	61	0.293	0.200	-0.093
105	62	0.410	0.200	-0.210
105	63	0.205	0.171	-0.034
105	64	0.458	0.083	-0.375
105	65	0.137	0.239	0.102
105	66	0.302	0.356	0.054
105	67	0.390	0.405	0.015
	Max	0.536	0.566	0.371
	Average	0.313	0.265	-0.047
	Min	0.137	0.024	-0.390
	Std Dev	0.097	0.128	0.166



	6.4_I_EN_LEAK_14V	
Test Site		
Tester		
Test Number		
Max Limit	25	nA
Min Limit		nA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	0.039	0.146	0.244	0.127	0.146	0.156	0.156	0.146	0.166	0.034	0.024
Average	0.192	0.283	0.408	0.265	0.306	0.355	0.300	0.218	0.335	0.129	0.227
Max	0.458	0.351	0.566	0.361	0.488	0.488	0.429	0.302	0.468	0.190	0.405
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000

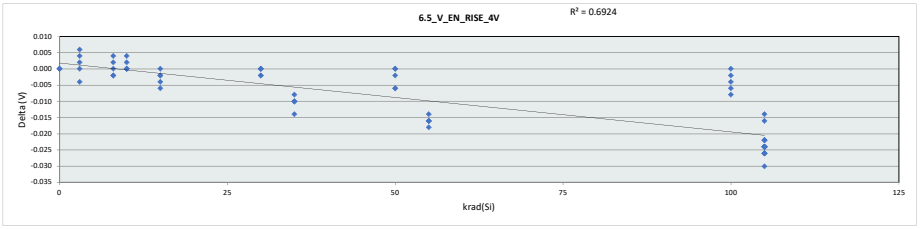


HDR TID Report
TPS7H5001-SP QMLP

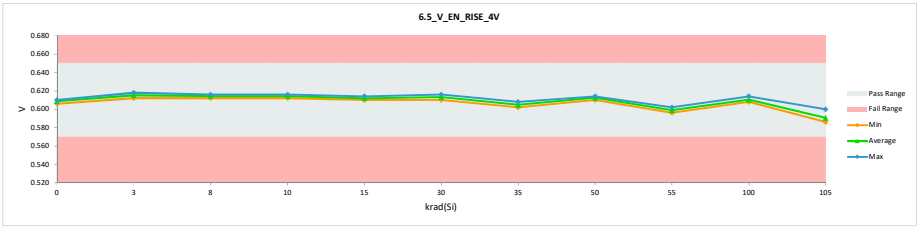
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.5_V_EN_RISE_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.63	0.65
Min Limit	0.58	0.57

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.610	0.610	0.000
0	992	0.610	0.610	0.000
0	993	0.606	0.606	0.000
3	1	0.612	0.614	0.002
3	2	0.612	0.618	0.006
3	3	0.616	0.612	-0.004
3	4	0.614	0.614	0.000
3	5	0.614	0.618	0.004
8	6	0.614	0.616	0.002
8	7	0.614	0.612	-0.002
8	8	0.616	0.614	-0.002
8	9	0.614	0.614	0.000
8	10	0.612	0.616	0.004
10	11	0.612	0.612	0.000
10	12	0.614	0.614	0.000
10	13	0.610	0.614	0.004
10	14	0.616	0.616	0.000
10	15	0.614	0.616	0.002
15	16	0.616	0.614	-0.002
15	17	0.612	0.612	0.000
15	18	0.614	0.610	-0.004
15	19	0.618	0.612	-0.006
15	20	0.614	0.612	-0.002
30	21	0.612	0.610	-0.002
30	22	0.612	0.612	0.000
30	23	0.616	0.616	0.000
30	24	0.614	0.614	0.000
30	25	0.616	0.614	-0.002
35	26	0.616	0.602	-0.014
35	27	0.616	0.606	-0.010
35	28	0.614	0.606	-0.008
35	29	0.618	0.608	-0.010
35	30	0.612	0.602	-0.010
50	31	0.614	0.612	-0.002
50	32	0.618	0.612	-0.006
50	33	0.616	0.610	-0.006
50	34	0.614	0.614	0.000
50	35	0.614	0.614	0.000
55	36	0.614	0.598	-0.016
55	37	0.618	0.602	-0.016
55	38	0.612	0.598	-0.014
55	39	0.614	0.596	-0.018
55	40	0.616	0.600	-0.016
100	41	0.614	0.610	-0.004
100	42	0.610	0.610	0.000
100	43	0.616	0.608	-0.008
100	44	0.616	0.614	-0.002
100	45	0.616	0.610	-0.006
105	46	0.616	0.592	-0.024
105	47	0.616	0.592	-0.024
105	48	0.612	0.590	-0.022
105	49	0.614	0.590	-0.024
105	50	0.616	0.592	-0.024
105	51	0.616	0.590	-0.026
105	52	0.614	0.588	-0.026
105	53	0.616	0.586	-0.030
105	54	0.614	0.600	-0.014
105	55	0.616	0.592	-0.024
105	56	0.616	0.590	-0.026
105	57	0.612	0.588	-0.024
105	58	0.612	0.590	-0.022
105	59	0.612	0.596	-0.016
105	60	0.614	0.590	-0.024
105	61	0.614	0.588	-0.026
105	62	0.614	0.588	-0.026
105	63	0.612	0.590	-0.022
105	64	0.614	0.590	-0.024
105	65	0.616	0.592	-0.024
105	66	0.610	0.588	-0.022
105	67	0.614	0.590	-0.024
	Max	0.618	0.618	0.006
	Average	0.614	0.604	-0.010
	Min	0.606	0.586	-0.030
	Std Dev	0.002	0.010	0.011



	6.5_V_EN_RISE_4V										
Test Site											
Tester											
Test Number											
Max Limit	0.65	V									
Min Limit	0.57	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.606	0.612	0.612	0.612	0.610	0.610	0.602	0.610	0.596	0.608	0.586
Average	0.609	0.615	0.614	0.614	0.612	0.613	0.605	0.612	0.599	0.610	0.591
Max	0.610	0.618	0.616	0.616	0.614	0.616	0.608	0.614	0.602	0.614	0.600
UL	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650

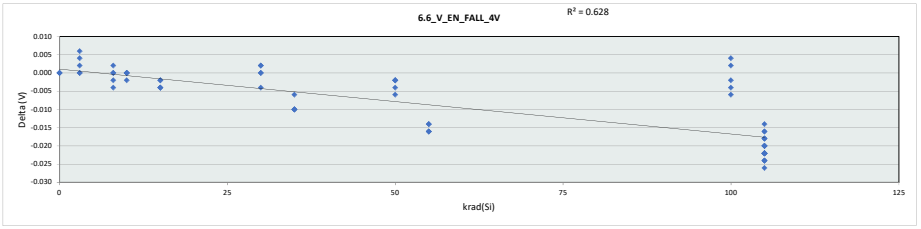


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

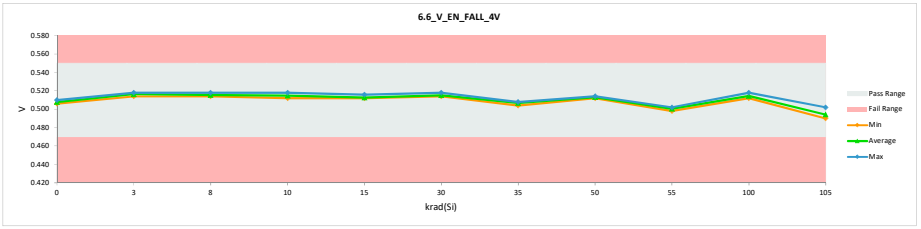
	6.6_V_EN_FALL_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.53	0.55
Min Limit	0.48	0.47

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.508	0.508	0.000
0	992	0.510	0.510	0.000
0	993	0.506	0.506	0.000
3	1	0.512	0.516	0.004
3	2	0.512	0.518	0.006
3	3	0.514	0.514	0.000
3	4	0.516	0.516	0.000
3	5	0.516	0.518	0.002
8	6	0.516	0.516	0.000
8	7	0.518	0.514	-0.004
8	8	0.516	0.516	0.000
8	9	0.516	0.514	-0.002
8	10	0.516	0.518	0.002
10	11	0.514	0.512	-0.002
10	12	0.514	0.514	0.000
10	13	0.514	0.514	0.000
10	14	0.518	0.518	0.000
10	15	0.516	0.516	0.000
15	16	0.518	0.516	-0.002
15	17	0.514	0.512	-0.002
15	18	0.516	0.512	-0.004
15	19	0.516	0.512	-0.004
15	20	0.516	0.512	-0.004
30	21	0.514	0.514	0.000
30	22	0.512	0.514	0.002
30	23	0.516	0.518	0.002
30	24	0.516	0.516	0.000
30	25	0.518	0.514	-0.004
35	26	0.516	0.506	-0.010
35	27	0.518	0.508	-0.010
35	28	0.514	0.508	-0.006
35	29	0.518	0.508	-0.010
35	30	0.514	0.504	-0.010
50	31	0.516	0.514	-0.002
50	32	0.518	0.512	-0.006
50	33	0.516	0.512	-0.004
50	34	0.516	0.514	-0.002
50	35	0.516	0.514	-0.002
55	36	0.516	0.500	-0.016
55	37	0.518	0.502	-0.016
55	38	0.514	0.500	-0.014
55	39	0.514	0.498	-0.016
55	40	0.516	0.502	-0.014
100	41	0.514	0.512	-0.002
100	42	0.512	0.516	0.004
100	43	0.520	0.514	-0.006
100	44	0.516	0.518	0.002
100	45	0.516	0.512	-0.004
105	46	0.516	0.496	-0.020
105	47	0.516	0.494	-0.022
105	48	0.512	0.494	-0.018
105	49	0.514	0.494	-0.020
105	50	0.518	0.494	-0.024
105	51	0.516	0.494	-0.022
105	52	0.512	0.492	-0.020
105	53	0.514	0.492	-0.022
105	54	0.516	0.502	-0.014
105	55	0.516	0.494	-0.022
105	56	0.518	0.494	-0.024
105	57	0.514	0.492	-0.022
105	58	0.512	0.494	-0.018
105	59	0.514	0.498	-0.016
105	60	0.514	0.492	-0.022
105	61	0.514	0.492	-0.022
105	62	0.516	0.490	-0.026
105	63	0.512	0.496	-0.016
105	64	0.516	0.492	-0.024
105	65	0.518	0.496	-0.022
105	66	0.512	0.494	-0.018
105	67	0.516	0.496	-0.020
	Max	0.520	0.518	0.006
	Average	0.515	0.506	-0.009
	Min	0.506	0.490	-0.026
	Std Dev	0.002	0.009	0.009



	6.6_V_EN_FALL_4V	
Test Site		
Tester		
Test Number		
Max Limit	0.55	V
Min Limit	0.47	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.506	0.514	0.514	0.512	0.512	0.514	0.504	0.512	0.498	0.512	0.490
Average	0.508	0.516	0.516	0.515	0.513	0.515	0.507	0.513	0.500	0.514	0.494
Max	0.510	0.518	0.518	0.518	0.516	0.518	0.508	0.514	0.502	0.518	0.502
UL	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550

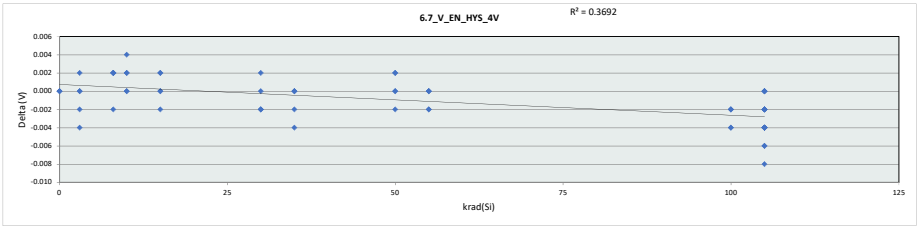


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

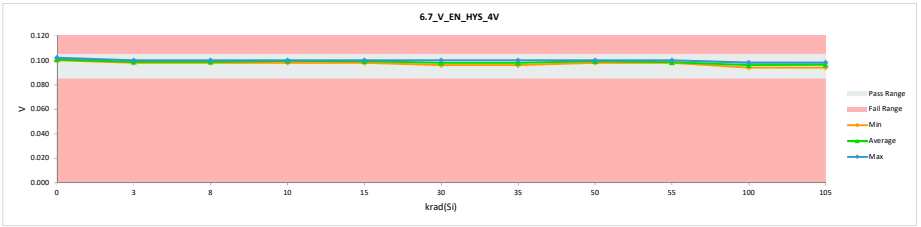
	6.7_V_EN_HYS_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.105	0.105
Min Limit	0.085	0.085

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.102	0.102	0.000
0	992	0.100	0.100	0.000
0	993	0.100	0.100	0.000
3	1	0.100	0.098	-0.002
3	2	0.100	0.100	0.000
3	3	0.102	0.098	-0.004
3	4	0.098	0.098	0.000
3	5	0.098	0.100	0.002
8	6	0.098	0.100	0.002
8	7	0.096	0.098	0.002
8	8	0.100	0.098	-0.002
8	9	0.098	0.100	0.002
8	10	0.096	0.098	0.002
10	11	0.098	0.100	0.002
10	12	0.100	0.100	0.000
10	13	0.096	0.100	0.004
10	14	0.098	0.098	0.000
10	15	0.098	0.100	0.002
15	16	0.098	0.098	0.000
15	17	0.098	0.100	0.002
15	18	0.098	0.098	0.000
15	19	0.102	0.100	-0.002
15	20	0.098	0.100	0.002
30	21	0.098	0.096	-0.002
30	22	0.100	0.098	-0.002
30	23	0.100	0.098	-0.002
30	24	0.098	0.098	0.000
30	25	0.098	0.100	0.002
35	26	0.100	0.096	-0.004
35	27	0.098	0.098	0.000
35	28	0.100	0.098	-0.002
35	29	0.100	0.100	0.000
35	30	0.098	0.098	0.000
50	31	0.098	0.098	0.000
50	32	0.100	0.100	0.000
50	33	0.100	0.098	-0.002
50	34	0.098	0.100	0.002
50	35	0.098	0.100	0.002
55	36	0.098	0.098	0.000
55	37	0.100	0.100	0.000
55	38	0.098	0.098	0.000
55	39	0.100	0.098	-0.002
55	40	0.100	0.098	-0.002
100	41	0.100	0.098	-0.002
100	42	0.098	0.094	-0.004
100	43	0.096	0.094	-0.002
100	44	0.100	0.096	-0.004
100	45	0.100	0.098	-0.002
105	46	0.100	0.096	-0.004
105	47	0.100	0.098	-0.002
105	48	0.100	0.096	-0.004
105	49	0.100	0.096	-0.004
105	50	0.098	0.098	0.000
105	51	0.100	0.096	-0.004
105	52	0.102	0.096	-0.006
105	53	0.102	0.094	-0.008
105	54	0.098	0.098	0.000
105	55	0.100	0.098	-0.002
105	56	0.098	0.096	-0.002
105	57	0.098	0.096	-0.002
105	58	0.100	0.096	-0.004
105	59	0.098	0.098	0.000
105	60	0.100	0.098	-0.002
105	61	0.100	0.096	-0.004
105	62	0.098	0.098	0.000
105	63	0.100	0.094	-0.006
105	64	0.098	0.098	0.000
105	65	0.098	0.096	-0.002
105	66	0.098	0.094	-0.004
105	67	0.098	0.094	-0.004
	Max	0.102	0.102	0.004
	Average	0.099	0.098	-0.001
	Min	0.096	0.094	-0.008
	Std Dev	0.001	0.002	0.002



	6.7_V_EN_HYS_4V										
Test Site											
Tester											
Test Number											
Max Limit	0.105	V									
Min Limit	0.085	V									

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Min	0.100	0.098	0.098	0.098	0.098	0.096	0.096	0.098	0.098	0.094	0.094
Average	0.101	0.099	0.099	0.100	0.099	0.098	0.098	0.099	0.098	0.096	0.096
Max	0.102	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.098	0.098
UL	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105

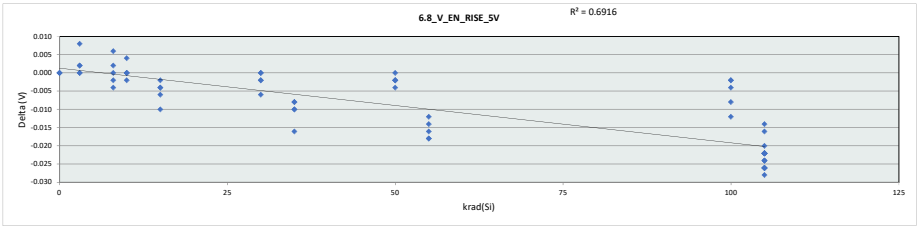


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

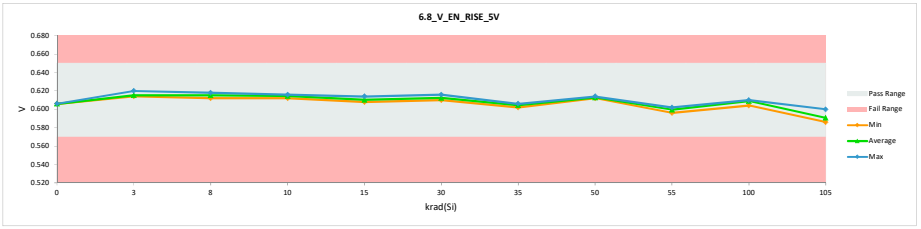
	6.8_V_EN_RISE_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.63	0.65
Min Limit	0.58	0.57

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.606	0.606	0.000
0	992	0.606	0.606	0.000
0	993	0.606	0.606	0.000
3	1	0.612	0.614	0.002
3	2	0.612	0.620	0.008
3	3	0.612	0.614	0.002
3	4	0.614	0.614	0.000
3	5	0.614	0.614	0.000
8	6	0.614	0.616	0.002
8	7	0.616	0.612	-0.004
8	8	0.616	0.616	0.000
8	9	0.616	0.614	-0.002
8	10	0.612	0.618	0.006
10	11	0.612	0.612	0.000
10	12	0.616	0.614	-0.002
10	13	0.610	0.614	0.004
10	14	0.616	0.616	0.000
10	15	0.616	0.616	0.000
15	16	0.616	0.614	-0.002
15	17	0.614	0.608	-0.006
15	18	0.614	0.610	-0.004
15	19	0.618	0.608	-0.010
15	20	0.616	0.612	-0.004
30	21	0.612	0.610	-0.002
30	22	0.612	0.612	0.000
30	23	0.616	0.616	0.000
30	24	0.616	0.614	-0.002
30	25	0.616	0.610	-0.006
35	26	0.612	0.602	-0.010
35	27	0.614	0.606	-0.008
35	28	0.616	0.606	-0.010
35	29	0.620	0.604	-0.016
35	30	0.612	0.604	-0.008
50	31	0.614	0.614	0.000
50	32	0.614	0.612	-0.002
50	33	0.616	0.612	-0.004
50	34	0.614	0.612	-0.002
50	35	0.616	0.614	-0.002
55	36	0.616	0.598	-0.018
55	37	0.618	0.602	-0.016
55	38	0.612	0.600	-0.012
55	39	0.614	0.596	-0.018
55	40	0.616	0.602	-0.014
100	41	0.616	0.604	-0.012
100	42	0.612	0.610	-0.002
100	43	0.618	0.610	-0.008
100	44	0.612	0.610	-0.002
100	45	0.614	0.610	-0.004
105	46	0.612	0.592	-0.020
105	47	0.616	0.592	-0.024
105	48	0.612	0.590	-0.022
105	49	0.614	0.592	-0.022
105	50	0.616	0.592	-0.024
105	51	0.616	0.590	-0.026
105	52	0.610	0.588	-0.022
105	53	0.612	0.586	-0.026
105	54	0.614	0.600	-0.014
105	55	0.614	0.592	-0.022
105	56	0.612	0.590	-0.022
105	57	0.614	0.588	-0.026
105	58	0.612	0.590	-0.022
105	59	0.612	0.596	-0.016
105	60	0.616	0.590	-0.026
105	61	0.614	0.588	-0.026
105	62	0.616	0.588	-0.028
105	63	0.614	0.592	-0.022
105	64	0.616	0.590	-0.026
105	65	0.614	0.592	-0.022
105	66	0.610	0.588	-0.022
105	67	0.614	0.590	-0.024
	Max	0.620	0.620	0.008
	Average	0.614	0.604	-0.010
	Min	0.606	0.586	-0.028
	Std Dev	0.003	0.010	0.010



	6.8_V_EN_RISE_5V	
Test Site		
Tester		
Test Number		
Max Limit	0.65	V
Min Limit	0.57	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.606	0.614	0.612	0.612	0.608	0.610	0.602	0.612	0.596	0.604	0.586
Average	0.606	0.615	0.615	0.614	0.610	0.612	0.604	0.613	0.600	0.609	0.591
Max	0.606	0.620	0.618	0.616	0.614	0.616	0.606	0.614	0.602	0.610	0.600
UL	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650

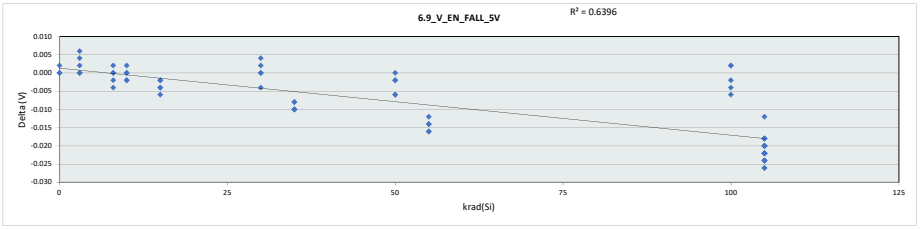


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

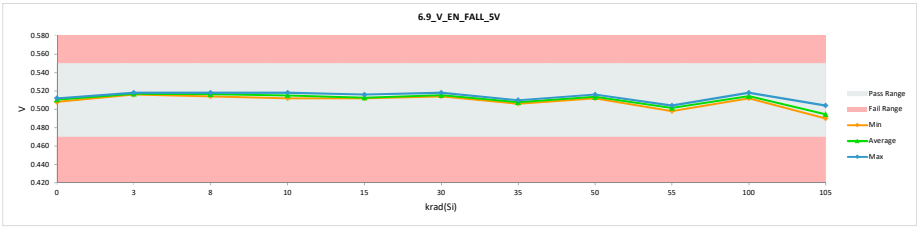
	6.9_V_EN_FALL_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.53	0.55
Min Limit	0.48	0.47

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.512	0.512	0.000
0	992	0.512	0.512	0.000
0	993	0.506	0.508	0.002
3	1	0.512	0.516	0.004
3	2	0.512	0.518	0.006
3	3	0.516	0.516	0.000
3	4	0.516	0.516	0.000
3	5	0.516	0.518	0.002
8	6	0.516	0.516	0.000
8	7	0.518	0.514	-0.004
8	8	0.518	0.516	-0.002
8	9	0.518	0.518	0.000
8	10	0.516	0.518	0.002
10	11	0.514	0.512	-0.002
10	12	0.514	0.514	0.000
10	13	0.514	0.516	0.002
10	14	0.518	0.518	0.000
10	15	0.518	0.516	-0.002
15	16	0.518	0.516	-0.002
15	17	0.514	0.512	-0.002
15	18	0.516	0.512	-0.004
15	19	0.518	0.512	-0.006
15	20	0.516	0.512	-0.004
30	21	0.514	0.514	0.000
30	22	0.512	0.516	0.004
30	23	0.516	0.518	0.002
30	24	0.516	0.516	0.000
30	25	0.518	0.514	-0.004
35	26	0.516	0.506	-0.010
35	27	0.518	0.508	-0.010
35	28	0.516	0.508	-0.008
35	29	0.520	0.510	-0.010
35	30	0.514	0.506	-0.008
50	31	0.516	0.514	-0.002
50	32	0.518	0.512	-0.006
50	33	0.518	0.512	-0.006
50	34	0.516	0.514	-0.002
50	35	0.516	0.516	0.000
55	36	0.518	0.502	-0.016
55	37	0.518	0.504	-0.014
55	38	0.514	0.502	-0.012
55	39	0.514	0.498	-0.016
55	40	0.516	0.502	-0.014
100	41	0.514	0.512	-0.002
100	42	0.514	0.516	0.002
100	43	0.520	0.514	-0.006
100	44	0.516	0.518	0.002
100	45	0.516	0.512	-0.004
105	46	0.516	0.496	-0.020
105	47	0.518	0.494	-0.024
105	48	0.512	0.494	-0.018
105	49	0.514	0.494	-0.020
105	50	0.518	0.494	-0.024
105	51	0.518	0.494	-0.024
105	52	0.514	0.492	-0.022
105	53	0.516	0.492	-0.024
105	54	0.516	0.504	-0.012
105	55	0.516	0.494	-0.022
105	56	0.518	0.496	-0.022
105	57	0.518	0.492	-0.026
105	58	0.514	0.494	-0.020
105	59	0.516	0.498	-0.018
105	60	0.514	0.494	-0.020
105	61	0.514	0.492	-0.022
105	62	0.516	0.490	-0.026
105	63	0.514	0.496	-0.018
105	64	0.516	0.494	-0.022
105	65	0.518	0.496	-0.022
105	66	0.512	0.494	-0.018
105	67	0.516	0.496	-0.020
	Max	0.520	0.518	0.006
	Average	0.516	0.507	-0.009
	Min	0.506	0.490	-0.026
	Std Dev	0.002	0.009	0.010



	6.9_V_EN_FALL_5V	
Test Site		
Tester		
Test Number		
Max Limit	0.55	V
Min Limit	0.47	V

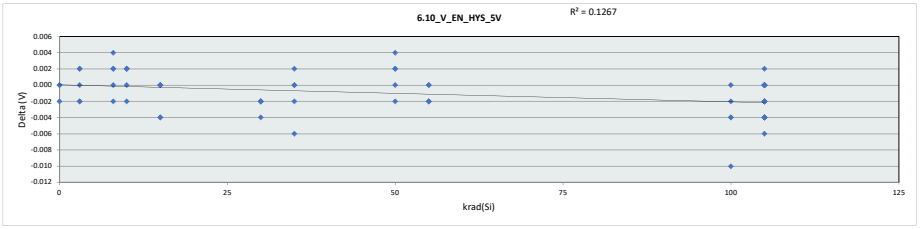
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.508	0.516	0.514	0.512	0.512	0.514	0.506	0.512	0.498	0.512	0.490
Average	0.511	0.517	0.516	0.515	0.513	0.516	0.508	0.514	0.502	0.514	0.495
Max	0.512	0.518	0.518	0.518	0.516	0.518	0.510	0.516	0.504	0.518	0.504
UL	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550



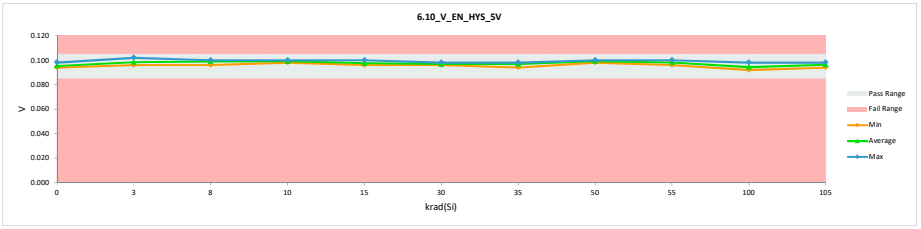
HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.10_V_EN_HYS_5V		
Test Site			
Tester			
Test Number			
Unit	V	V	
Max Limit	0.105	0.105	
Min Limit	0.085	0.085	
krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.094	0.094	0.000
0	992	0.094	0.094	0.000
0	993	0.100	0.098	-0.002
3	1	0.100	0.098	-0.002
3	2	0.100	0.102	0.002
3	3	0.096	0.098	0.002
3	4	0.098	0.098	0.000
3	5	0.098	0.096	-0.002
8	6	0.098	0.100	0.002
8	7	0.098	0.098	0.000
8	8	0.098	0.100	0.002
8	9	0.098	0.096	-0.002
8	10	0.096	0.100	0.004
10	11	0.098	0.100	0.002
10	12	0.102	0.100	-0.002
10	13	0.096	0.098	0.002
10	14	0.098	0.098	0.000
10	15	0.098	0.100	0.002
15	16	0.098	0.098	0.000
15	17	0.100	0.096	-0.004
15	18	0.098	0.098	0.000
15	19	0.100	0.096	-0.004
15	20	0.100	0.100	0.000
30	21	0.098	0.096	-0.002
30	22	0.100	0.096	-0.004
30	23	0.100	0.098	-0.002
30	24	0.100	0.098	-0.002
30	25	0.098	0.096	-0.002
35	26	0.096	0.096	0.000
35	27	0.096	0.098	0.002
35	28	0.100	0.098	-0.002
35	29	0.100	0.094	-0.006
35	30	0.098	0.098	0.000
50	31	0.098	0.100	0.002
50	32	0.096	0.100	0.004
50	33	0.098	0.100	0.002
50	34	0.098	0.098	0.000
50	35	0.100	0.098	-0.002
55	36	0.098	0.096	-0.002
55	37	0.100	0.098	-0.002
55	38	0.098	0.098	0.000
55	39	0.100	0.098	-0.002
55	40	0.100	0.100	0.000
100	41	0.102	0.092	-0.010
100	42	0.098	0.094	-0.004
100	43	0.098	0.096	-0.002
100	44	0.096	0.092	-0.004
100	45	0.098	0.098	0.000
105	46	0.096	0.096	0.000
105	47	0.098	0.098	0.000
105	48	0.100	0.096	-0.004
105	49	0.100	0.098	-0.002
105	50	0.098	0.098	0.000
105	51	0.098	0.096	-0.002
105	52	0.096	0.096	0.000
105	53	0.096	0.094	-0.002
105	54	0.098	0.096	-0.002
105	55	0.098	0.098	0.000
105	56	0.094	0.094	0.000
105	57	0.096	0.096	0.000
105	58	0.098	0.096	-0.002
105	59	0.096	0.098	0.002
105	60	0.102	0.096	-0.006
105	61	0.100	0.096	-0.004
105	62	0.100	0.098	-0.002
105	63	0.100	0.096	-0.004
105	64	0.100	0.096	-0.004
105	65	0.096	0.096	0.000
105	66	0.098	0.094	-0.004
105	67	0.098	0.094	-0.004
	Max	0.102	0.102	0.004
	Average	0.098	0.097	-0.001
	Min	0.094	0.092	-0.010
	Std Dev	0.002	0.002	0.002



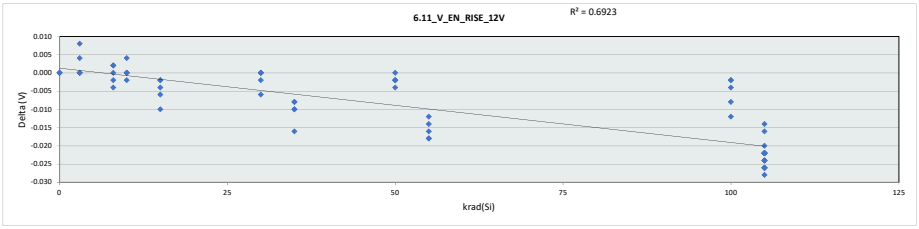
	6.10_V_EN_HYS_5V										
Test Site											
Tester											
Test Number											
Max Limit	0.105	V									
Min Limit	0.085	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Min	0.094	0.096	0.096	0.098	0.096	0.096	0.094	0.098	0.096	0.092	0.094
Average	0.095	0.098	0.099	0.099	0.098	0.097	0.097	0.099	0.098	0.094	0.096
Max	0.098	0.102	0.100	0.100	0.100	0.098	0.098	0.100	0.100	0.098	0.098
UL	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105



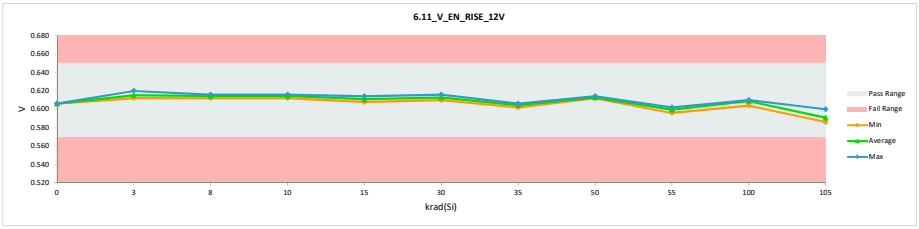
HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.11_V_EN_RISE_12V		
Test Site			
Tester			
Test Number			
Unit	V	V	
Max Limit	0.63	0.65	
Min Limit	0.58	0.57	
krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.606	0.606	0.000
0	992	0.606	0.606	0.000
0	993	0.606	0.606	0.000
3	1	0.612	0.616	0.004
3	2	0.612	0.620	0.008
3	3	0.612	0.612	0.000
3	4	0.614	0.614	0.000
3	5	0.614	0.614	0.000
8	6	0.614	0.616	0.002
8	7	0.616	0.612	-0.004
8	8	0.616	0.616	0.000
8	9	0.616	0.614	-0.002
8	10	0.612	0.614	0.002
10	11	0.612	0.612	0.000
10	12	0.616	0.614	-0.002
10	13	0.610	0.614	0.004
10	14	0.616	0.616	0.000
10	15	0.616	0.616	0.000
15	16	0.616	0.614	-0.002
15	17	0.614	0.608	-0.006
15	18	0.614	0.610	-0.004
15	19	0.618	0.608	-0.010
15	20	0.616	0.614	-0.002
30	21	0.612	0.610	-0.002
30	22	0.612	0.612	0.000
30	23	0.616	0.616	0.000
30	24	0.616	0.616	0.000
30	25	0.616	0.610	-0.006
35	26	0.612	0.602	-0.010
35	27	0.614	0.606	-0.008
35	28	0.616	0.606	-0.010
35	29	0.620	0.604	-0.016
35	30	0.612	0.604	-0.008
50	31	0.614	0.614	0.000
50	32	0.614	0.612	-0.002
50	33	0.616	0.612	-0.004
50	34	0.614	0.612	-0.002
50	35	0.616	0.614	-0.002
55	36	0.616	0.598	-0.018
55	37	0.618	0.602	-0.016
55	38	0.612	0.600	-0.012
55	39	0.614	0.596	-0.018
55	40	0.616	0.602	-0.014
100	41	0.616	0.604	-0.012
100	42	0.612	0.610	-0.002
100	43	0.618	0.610	-0.008
100	44	0.612	0.610	-0.002
100	45	0.614	0.610	-0.004
105	46	0.612	0.592	-0.020
105	47	0.616	0.592	-0.024
105	48	0.612	0.590	-0.022
105	49	0.614	0.592	-0.022
105	50	0.616	0.592	-0.024
105	51	0.616	0.590	-0.026
105	52	0.610	0.588	-0.022
105	53	0.612	0.586	-0.026
105	54	0.614	0.600	-0.014
105	55	0.614	0.592	-0.022
105	56	0.612	0.590	-0.022
105	57	0.614	0.588	-0.026
105	58	0.612	0.590	-0.022
105	59	0.612	0.596	-0.016
105	60	0.616	0.590	-0.026
105	61	0.614	0.588	-0.026
105	62	0.616	0.588	-0.028
105	63	0.614	0.592	-0.022
105	64	0.616	0.592	-0.024
105	65	0.614	0.592	-0.022
105	66	0.610	0.588	-0.022
105	67	0.614	0.590	-0.024
	Max	0.620	0.620	0.008
	Average	0.614	0.604	-0.010
	Min	0.606	0.586	-0.028
	Std Dev	0.003	0.010	0.010



	6.11_V_EN_RISE_12V										
Test Site											
Tester											
Test Number											
Max Limit	0.65	V									
Min Limit	0.57	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.606	0.612	0.612	0.612	0.608	0.610	0.602	0.612	0.596	0.604	0.586
Average	0.606	0.615	0.614	0.614	0.611	0.613	0.604	0.613	0.600	0.609	0.591
Max	0.606	0.620	0.616	0.616	0.614	0.616	0.606	0.614	0.602	0.610	0.600
UL	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650

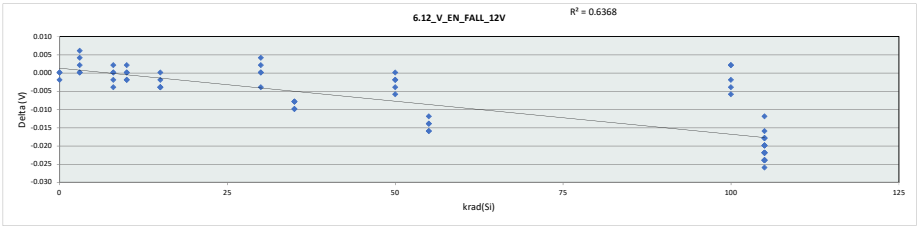


HDR TID Report
TPS7H5001-SP QMLP

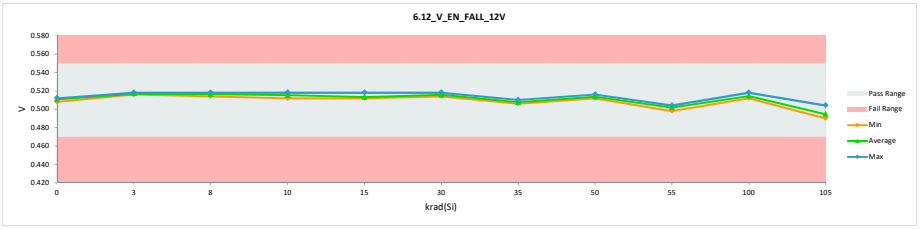
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.12_V_EN_FALL_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.53	0.55
Min Limit	0.48	0.47

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.512	0.512	0.000
0	992	0.512	0.512	0.000
0	993	0.510	0.508	-0.002
3	1	0.512	0.516	0.004
3	2	0.512	0.518	0.006
3	3	0.516	0.516	0.000
3	4	0.516	0.516	0.000
3	5	0.516	0.518	0.002
8	6	0.516	0.516	0.000
8	7	0.518	0.514	-0.004
8	8	0.518	0.516	-0.002
8	9	0.518	0.518	0.000
8	10	0.516	0.518	0.002
10	11	0.514	0.512	-0.002
10	12	0.514	0.514	0.000
10	13	0.514	0.516	0.002
10	14	0.518	0.518	0.000
10	15	0.518	0.516	-0.002
15	16	0.518	0.518	0.000
15	17	0.514	0.512	-0.002
15	18	0.516	0.512	-0.004
15	19	0.516	0.512	-0.004
15	20	0.516	0.512	-0.004
30	21	0.514	0.514	0.000
30	22	0.512	0.516	0.004
30	23	0.516	0.518	0.002
30	24	0.516	0.516	0.000
30	25	0.518	0.514	-0.004
35	26	0.516	0.506	-0.010
35	27	0.518	0.508	-0.010
35	28	0.516	0.508	-0.008
35	29	0.518	0.510	-0.008
35	30	0.514	0.506	-0.008
50	31	0.516	0.514	-0.002
50	32	0.518	0.512	-0.006
50	33	0.516	0.512	-0.004
50	34	0.516	0.514	-0.002
50	35	0.516	0.516	0.000
55	36	0.518	0.502	-0.016
55	37	0.518	0.504	-0.014
55	38	0.514	0.502	-0.012
55	39	0.514	0.498	-0.016
55	40	0.516	0.502	-0.014
100	41	0.514	0.512	-0.002
100	42	0.514	0.516	0.002
100	43	0.520	0.514	-0.006
100	44	0.516	0.518	0.002
100	45	0.516	0.512	-0.004
105	46	0.516	0.498	-0.018
105	47	0.518	0.494	-0.024
105	48	0.512	0.494	-0.018
105	49	0.514	0.494	-0.020
105	50	0.518	0.494	-0.024
105	51	0.518	0.494	-0.024
105	52	0.514	0.492	-0.022
105	53	0.516	0.492	-0.024
105	54	0.516	0.504	-0.012
105	55	0.516	0.494	-0.022
105	56	0.518	0.496	-0.022
105	57	0.514	0.492	-0.022
105	58	0.514	0.494	-0.020
105	59	0.514	0.498	-0.016
105	60	0.514	0.494	-0.020
105	61	0.514	0.492	-0.022
105	62	0.516	0.490	-0.026
105	63	0.514	0.496	-0.018
105	64	0.516	0.492	-0.024
105	65	0.518	0.496	-0.022
105	66	0.512	0.494	-0.018
105	67	0.516	0.496	-0.020
	Max	0.520	0.518	0.006
	Average	0.516	0.507	-0.009
	Min	0.510	0.490	-0.026
	Std Dev	0.002	0.010	0.010



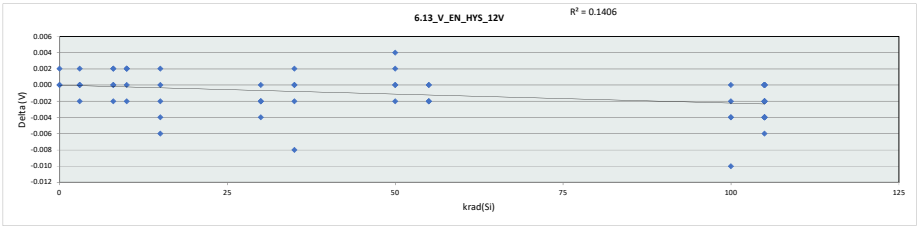
	6.12_V_EN_FALL_12V										
Test Site											
Tester											
Test Number											
Max Limit	0.55	V									
Min Limit	0.47	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.508	0.516	0.514	0.512	0.512	0.514	0.506	0.512	0.498	0.512	0.490
Average	0.511	0.517	0.516	0.515	0.513	0.516	0.508	0.514	0.502	0.514	0.495
Max	0.512	0.518	0.518	0.518	0.518	0.518	0.510	0.516	0.504	0.518	0.504
UL	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550



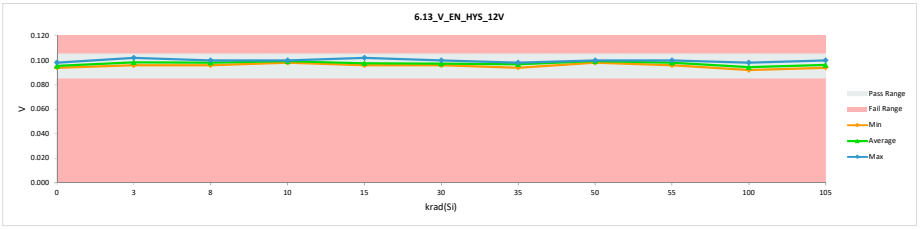
HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.13_V_EN_HYS_12V		
Test Site			
Tester			
Test Number			
Unit	V	V	
Max Limit	0.105	0.105	
Min Limit	0.085	0.085	
krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.094	0.094	0.000
0	992	0.094	0.094	0.000
0	993	0.096	0.098	0.002
3	1	0.100	0.100	0.000
3	2	0.100	0.102	0.002
3	3	0.096	0.096	0.000
3	4	0.098	0.098	0.000
3	5	0.098	0.096	-0.002
8	6	0.098	0.100	0.002
8	7	0.098	0.098	0.000
8	8	0.098	0.100	0.002
8	9	0.098	0.096	-0.002
8	10	0.096	0.096	0.000
10	11	0.098	0.100	0.002
10	12	0.102	0.100	-0.002
10	13	0.096	0.098	0.002
10	14	0.098	0.098	0.000
10	15	0.098	0.100	0.002
15	16	0.098	0.096	-0.002
15	17	0.100	0.096	-0.004
15	18	0.098	0.098	0.000
15	19	0.102	0.096	-0.006
15	20	0.100	0.102	0.002
30	21	0.098	0.096	-0.002
30	22	0.100	0.096	-0.004
30	23	0.100	0.098	-0.002
30	24	0.100	0.100	0.000
30	25	0.098	0.096	-0.002
35	26	0.096	0.096	0.000
35	27	0.096	0.098	0.002
35	28	0.100	0.098	-0.002
35	29	0.102	0.094	-0.008
35	30	0.098	0.098	0.000
50	31	0.098	0.100	0.002
50	32	0.096	0.100	0.004
50	33	0.100	0.100	0.000
50	34	0.098	0.098	0.000
50	35	0.100	0.098	-0.002
55	36	0.098	0.096	-0.002
55	37	0.100	0.098	-0.002
55	38	0.098	0.098	0.000
55	39	0.100	0.098	-0.002
55	40	0.100	0.100	0.000
100	41	0.102	0.092	-0.010
100	42	0.098	0.094	-0.004
100	43	0.098	0.096	-0.002
100	44	0.096	0.092	-0.004
100	45	0.098	0.098	0.000
105	46	0.096	0.094	-0.002
105	47	0.098	0.098	0.000
105	48	0.100	0.096	-0.004
105	49	0.100	0.098	-0.002
105	50	0.098	0.098	0.000
105	51	0.098	0.096	-0.002
105	52	0.096	0.096	0.000
105	53	0.096	0.094	-0.002
105	54	0.098	0.096	-0.002
105	55	0.098	0.098	0.000
105	56	0.094	0.094	0.000
105	57	0.100	0.096	-0.004
105	58	0.098	0.096	-0.002
105	59	0.098	0.098	0.000
105	60	0.102	0.096	-0.006
105	61	0.100	0.096	-0.004
105	62	0.100	0.098	-0.002
105	63	0.100	0.096	-0.004
105	64	0.100	0.100	0.000
105	65	0.096	0.096	0.000
105	66	0.098	0.094	-0.004
105	67	0.098	0.094	-0.004
	Max	0.102	0.102	0.004
	Average	0.098	0.097	-0.001
	Min	0.094	0.092	-0.010
	Std Dev	0.002	0.002	0.002



	6.13_V_EN_HYS_12V										
Test Site											
Tester											
Test Number											
Max Limit	0.105	V									
Min Limit	0.085	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Min	0.094	0.096	0.096	0.098	0.096	0.096	0.094	0.098	0.096	0.092	0.094
Average	0.095	0.098	0.098	0.099	0.098	0.097	0.097	0.099	0.098	0.094	0.096
Max	0.098	0.102	0.100	0.100	0.102	0.100	0.098	0.100	0.100	0.098	0.100
UL	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105

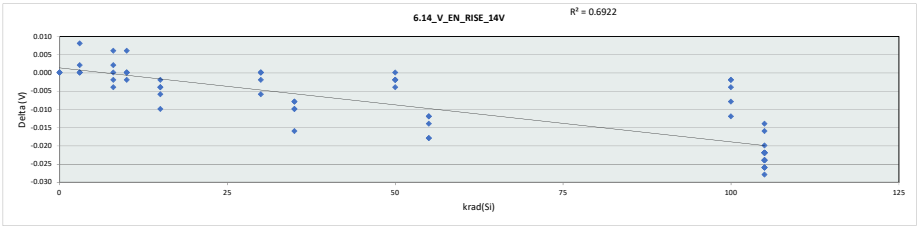


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

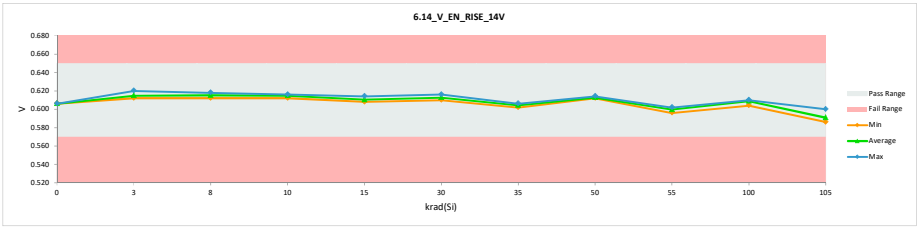
	6.14_V_EN_RISE_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.63	0.65
Min Limit	0.58	0.57

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.606	0.606	0.000
0	992	0.606	0.606	0.000
0	993	0.606	0.606	0.000
3	1	0.612	0.614	0.002
3	2	0.612	0.620	0.008
3	3	0.612	0.612	0.000
3	4	0.614	0.614	0.000
3	5	0.614	0.614	0.000
8	6	0.614	0.616	0.002
8	7	0.616	0.612	-0.004
8	8	0.616	0.616	0.000
8	9	0.616	0.614	-0.002
8	10	0.612	0.618	0.006
10	11	0.612	0.612	0.000
10	12	0.616	0.614	-0.002
10	13	0.610	0.616	0.006
10	14	0.616	0.616	0.000
10	15	0.616	0.616	0.000
15	16	0.616	0.614	-0.002
15	17	0.614	0.608	-0.006
15	18	0.614	0.610	-0.004
15	19	0.618	0.608	-0.010
15	20	0.616	0.612	-0.004
30	21	0.612	0.610	-0.002
30	22	0.612	0.612	0.000
30	23	0.616	0.616	0.000
30	24	0.616	0.616	0.000
30	25	0.616	0.610	-0.006
35	26	0.612	0.602	-0.010
35	27	0.614	0.606	-0.008
35	28	0.616	0.606	-0.010
35	29	0.620	0.604	-0.016
35	30	0.612	0.604	-0.008
50	31	0.614	0.614	0.000
50	32	0.614	0.612	-0.002
50	33	0.616	0.612	-0.004
50	34	0.614	0.612	-0.002
50	35	0.616	0.614	-0.002
55	36	0.616	0.598	-0.018
55	37	0.614	0.602	-0.012
55	38	0.612	0.600	-0.012
55	39	0.614	0.596	-0.018
55	40	0.616	0.602	-0.014
100	41	0.616	0.604	-0.012
100	42	0.612	0.610	-0.002
100	43	0.618	0.610	-0.008
100	44	0.612	0.610	-0.002
100	45	0.614	0.610	-0.004
105	46	0.612	0.592	-0.020
105	47	0.616	0.592	-0.024
105	48	0.612	0.590	-0.022
105	49	0.614	0.592	-0.022
105	50	0.616	0.592	-0.024
105	51	0.616	0.590	-0.026
105	52	0.610	0.588	-0.022
105	53	0.612	0.586	-0.026
105	54	0.614	0.600	-0.014
105	55	0.614	0.592	-0.022
105	56	0.612	0.590	-0.022
105	57	0.612	0.588	-0.024
105	58	0.612	0.590	-0.022
105	59	0.612	0.596	-0.016
105	60	0.616	0.590	-0.026
105	61	0.614	0.588	-0.026
105	62	0.616	0.588	-0.028
105	63	0.614	0.592	-0.022
105	64	0.616	0.592	-0.024
105	65	0.614	0.592	-0.022
105	66	0.610	0.588	-0.022
105	67	0.614	0.590	-0.024
	Max	0.620	0.620	0.008
	Average	0.614	0.604	-0.010
	Min	0.606	0.586	-0.028
	Std Dev	0.003	0.010	0.010



	6.14_V_EN_RISE_14V	
Test Site		
Tester		
Test Number		
Max Limit	0.65	V
Min Limit	0.57	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.606	0.612	0.612	0.612	0.608	0.610	0.602	0.612	0.596	0.604	0.586
Average	0.606	0.615	0.615	0.615	0.610	0.613	0.604	0.613	0.600	0.609	0.591
Max	0.606	0.620	0.618	0.616	0.614	0.616	0.606	0.614	0.602	0.610	0.600
UL	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650

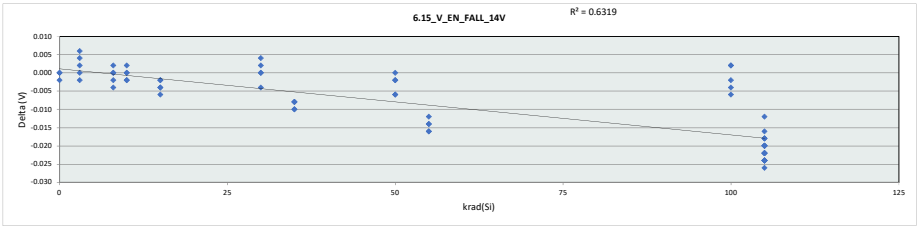


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

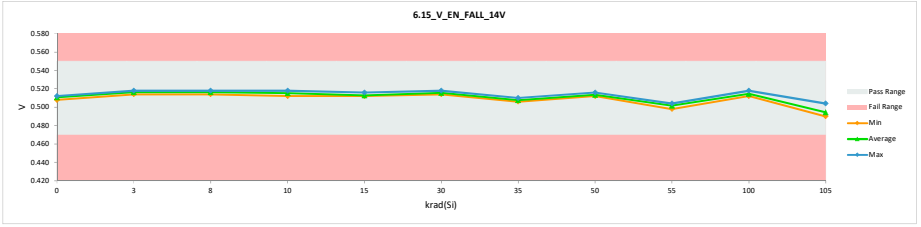
	6.15_V_EN_FALL_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.53	0.55
Min Limit	0.48	0.47

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.512	0.512	0.000
0	992	0.512	0.512	0.000
0	993	0.510	0.508	-0.002
3	1	0.512	0.516	0.004
3	2	0.512	0.518	0.006
3	3	0.516	0.514	-0.002
3	4	0.516	0.516	0.000
3	5	0.516	0.518	0.002
8	6	0.516	0.516	0.000
8	7	0.518	0.514	-0.004
8	8	0.518	0.516	-0.002
8	9	0.518	0.518	0.000
8	10	0.516	0.518	0.002
10	11	0.514	0.512	-0.002
10	12	0.514	0.514	0.000
10	13	0.514	0.516	0.002
10	14	0.518	0.518	0.000
10	15	0.518	0.516	-0.002
15	16	0.518	0.516	-0.002
15	17	0.514	0.512	-0.002
15	18	0.516	0.512	-0.004
15	19	0.518	0.512	-0.006
15	20	0.516	0.512	-0.004
30	21	0.514	0.514	0.000
30	22	0.512	0.516	0.004
30	23	0.516	0.518	0.002
30	24	0.516	0.516	0.000
30	25	0.518	0.514	-0.004
35	26	0.516	0.506	-0.010
35	27	0.518	0.508	-0.010
35	28	0.516	0.508	-0.008
35	29	0.518	0.510	-0.008
35	30	0.514	0.506	-0.008
50	31	0.516	0.514	-0.002
50	32	0.518	0.512	-0.006
50	33	0.518	0.512	-0.006
50	34	0.516	0.514	-0.002
50	35	0.516	0.516	0.000
55	36	0.518	0.502	-0.016
55	37	0.518	0.504	-0.014
55	38	0.514	0.502	-0.012
55	39	0.514	0.498	-0.016
55	40	0.516	0.502	-0.014
100	41	0.514	0.512	-0.002
100	42	0.514	0.516	0.002
100	43	0.520	0.514	-0.006
100	44	0.516	0.518	0.002
100	45	0.516	0.512	-0.004
105	46	0.516	0.496	-0.020
105	47	0.518	0.494	-0.024
105	48	0.512	0.494	-0.018
105	49	0.514	0.494	-0.020
105	50	0.518	0.494	-0.024
105	51	0.518	0.494	-0.024
105	52	0.514	0.492	-0.022
105	53	0.516	0.492	-0.024
105	54	0.516	0.504	-0.012
105	55	0.516	0.494	-0.022
105	56	0.518	0.496	-0.022
105	57	0.516	0.492	-0.024
105	58	0.514	0.494	-0.020
105	59	0.514	0.498	-0.016
105	60	0.514	0.494	-0.020
105	61	0.514	0.492	-0.022
105	62	0.516	0.490	-0.026
105	63	0.514	0.496	-0.018
105	64	0.516	0.492	-0.024
105	65	0.518	0.496	-0.022
105	66	0.512	0.494	-0.018
105	67	0.516	0.496	-0.020
	Max	0.520	0.518	0.006
	Average	0.516	0.507	-0.009
	Min	0.510	0.490	-0.026
	Std Dev	0.002	0.009	0.010



	6.15_V_EN_FALL_14V	
Test Site		
Tester		
Test Number		
Max Limit	0.55	V
Min Limit	0.47	V

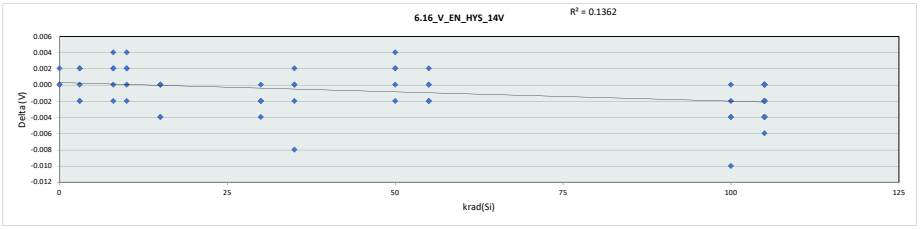
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.508	0.514	0.514	0.512	0.512	0.514	0.506	0.512	0.498	0.512	0.490
Average	0.511	0.516	0.516	0.515	0.513	0.516	0.508	0.514	0.502	0.514	0.494
Max	0.512	0.518	0.518	0.518	0.516	0.518	0.510	0.516	0.504	0.518	0.504
UL	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550



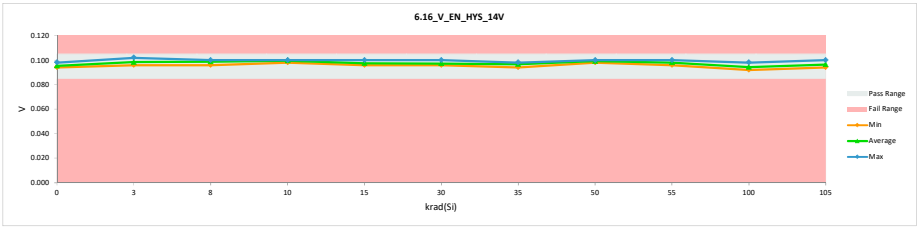
HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.16_V_EN_HYS_14V		
Test Site			
Tester			
Test Number			
Unit	V	V	
Max Limit	0.105	0.105	
Min Limit	0.085	0.085	
krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.094	0.094	0.000
0	992	0.094	0.094	0.000
0	993	0.096	0.098	0.002
3	1	0.100	0.098	-0.002
3	2	0.100	0.102	0.002
3	3	0.096	0.098	0.002
3	4	0.098	0.098	0.000
3	5	0.098	0.096	-0.002
8	6	0.098	0.100	0.002
8	7	0.098	0.098	0.000
8	8	0.098	0.100	0.002
8	9	0.098	0.096	-0.002
8	10	0.096	0.100	0.004
10	11	0.098	0.100	0.002
10	12	0.102	0.100	-0.002
10	13	0.096	0.100	0.004
10	14	0.098	0.098	0.000
10	15	0.098	0.100	0.002
15	16	0.098	0.098	0.000
15	17	0.100	0.096	-0.004
15	18	0.098	0.098	0.000
15	19	0.100	0.096	-0.004
15	20	0.100	0.100	0.000
30	21	0.098	0.096	-0.002
30	22	0.100	0.096	-0.004
30	23	0.100	0.098	-0.002
30	24	0.100	0.100	0.000
30	25	0.098	0.096	-0.002
35	26	0.096	0.096	0.000
35	27	0.096	0.098	0.002
35	28	0.100	0.098	-0.002
35	29	0.102	0.094	-0.008
35	30	0.098	0.098	0.000
50	31	0.098	0.100	0.002
50	32	0.096	0.100	0.004
50	33	0.098	0.100	0.002
50	34	0.098	0.098	0.000
50	35	0.100	0.098	-0.002
55	36	0.098	0.096	-0.002
55	37	0.096	0.098	0.002
55	38	0.098	0.098	0.000
55	39	0.100	0.098	-0.002
55	40	0.100	0.100	0.000
100	41	0.102	0.092	-0.010
100	42	0.098	0.094	-0.004
100	43	0.098	0.096	-0.002
100	44	0.096	0.092	-0.004
100	45	0.098	0.098	0.000
105	46	0.096	0.096	0.000
105	47	0.098	0.098	0.000
105	48	0.100	0.096	-0.004
105	49	0.100	0.098	-0.002
105	50	0.098	0.098	0.000
105	51	0.098	0.096	-0.002
105	52	0.096	0.096	0.000
105	53	0.096	0.094	-0.002
105	54	0.098	0.096	-0.002
105	55	0.098	0.098	0.000
105	56	0.094	0.094	0.000
105	57	0.096	0.096	0.000
105	58	0.098	0.096	-0.002
105	59	0.098	0.098	0.000
105	60	0.102	0.096	-0.006
105	61	0.100	0.096	-0.004
105	62	0.100	0.098	-0.002
105	63	0.100	0.096	-0.004
105	64	0.100	0.100	0.000
105	65	0.096	0.096	0.000
105	66	0.098	0.094	-0.004
105	67	0.098	0.094	-0.004
	Max	0.102	0.102	0.004
	Average	0.098	0.097	-0.001
	Min	0.094	0.092	-0.010
	Std Dev	0.002	0.002	0.003



	6.16_V_EN_HYS_14V										
Test Site											
Tester											
Test Number											
Max Limit	0.105	V									
Min Limit	0.085	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Min	0.094	0.096	0.096	0.098	0.096	0.096	0.094	0.098	0.096	0.092	0.094
Average	0.095	0.098	0.099	0.100	0.098	0.097	0.097	0.099	0.098	0.094	0.096
Max	0.098	0.102	0.100	0.100	0.100	0.100	0.098	0.100	0.100	0.098	0.100
UL	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105	0.105

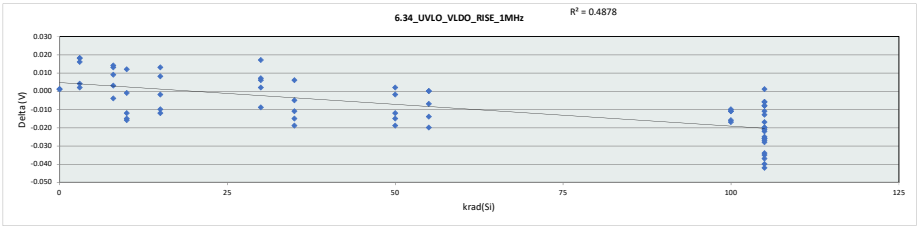


HDR TID Report
TPS7H5001-SP QMLP

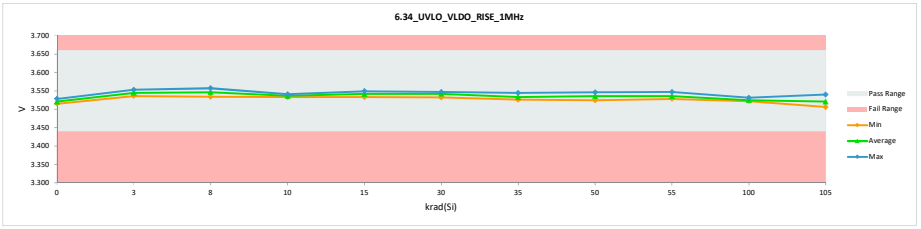
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.34_UVLO_VLDO_RISE_1MHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.66	3.66
Min Limit	3.44	3.44

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.514	3.515	0.001
0	992	3.527	3.528	0.001
0	993	3.519	3.520	0.001
3	1	3.528	3.544	0.016
3	2	3.532	3.550	0.018
3	3	3.538	3.540	0.002
3	4	3.532	3.536	0.004
3	5	3.535	3.553	0.018
8	6	3.544	3.557	0.013
8	7	3.538	3.534	-0.004
8	8	3.543	3.546	0.003
8	9	3.532	3.546	0.014
8	10	3.540	3.549	0.009
10	11	3.549	3.533	-0.016
10	12	3.529	3.541	0.012
10	13	3.537	3.536	-0.001
10	14	3.548	3.536	-0.012
10	15	3.552	3.537	-0.015
15	16	3.552	3.540	-0.012
15	17	3.543	3.533	-0.010
15	18	3.530	3.538	0.008
15	19	3.536	3.549	0.013
15	20	3.550	3.548	-0.002
30	21	3.535	3.541	0.006
30	22	3.530	3.547	0.017
30	23	3.530	3.532	0.002
30	24	3.553	3.544	-0.009
30	25	3.539	3.546	0.007
35	26	3.539	3.528	-0.011
35	27	3.538	3.544	0.006
35	28	3.543	3.538	-0.005
35	29	3.549	3.530	-0.019
35	30	3.541	3.526	-0.015
50	31	3.536	3.524	-0.012
50	32	3.552	3.537	-0.015
50	33	3.556	3.537	-0.019
50	34	3.536	3.534	-0.002
50	35	3.544	3.546	0.002
55	36	3.547	3.547	0.000
55	37	3.548	3.528	-0.020
55	38	3.535	3.528	-0.007
55	39	3.552	3.538	-0.014
55	40	3.536	3.536	0.000
100	41	3.538	3.522	-0.016
100	42	3.534	3.523	-0.011
100	43	3.541	3.531	-0.010
100	44	3.536	3.525	-0.011
100	45	3.540	3.523	-0.017
105	46	3.548	3.527	-0.021
105	47	3.550	3.528	-0.022
105	48	3.540	3.506	-0.034
105	49	3.546	3.506	-0.040
105	50	3.534	3.526	-0.008
105	51	3.547	3.522	-0.025
105	52	3.539	3.513	-0.026
105	53	3.540	3.527	-0.013
105	54	3.546	3.540	-0.006
105	55	3.539	3.528	-0.011
105	56	3.535	3.536	0.001
105	57	3.536	3.530	-0.006
105	58	3.536	3.510	-0.026
105	59	3.537	3.520	-0.017
105	60	3.542	3.522	-0.020
105	61	3.536	3.516	-0.020
105	62	3.550	3.508	-0.042
105	63	3.535	3.508	-0.027
105	64	3.541	3.533	-0.008
105	65	3.553	3.516	-0.037
105	66	3.553	3.518	-0.035
105	67	3.550	3.522	-0.028
	Max	3.556	3.557	0.018
	Average	3.540	3.532	-0.008
	Min	3.514	3.506	-0.042
	Std Dev	0.008	0.012	0.014



	6.34_UVLO_VLDO_RISE_1MHz										
Test Site											
Tester											
Test Number											
Max Limit	3.66	V									
Min Limit	3.44	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440
Min	3.515	3.536	3.534	3.533	3.533	3.532	3.526	3.524	3.528	3.522	3.506
Average	3.521	3.545	3.546	3.537	3.542	3.542	3.533	3.536	3.535	3.525	3.521
Max	3.528	3.553	3.557	3.541	3.549	3.547	3.544	3.546	3.547	3.531	3.540
UL	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660

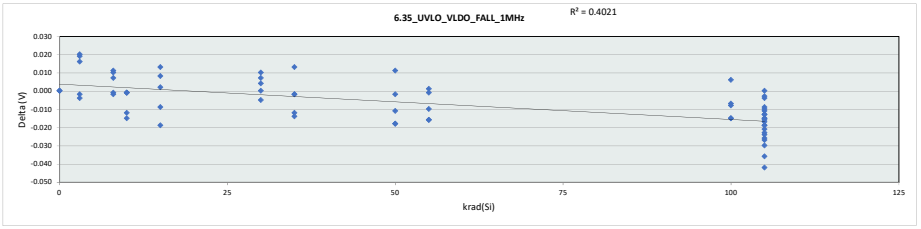


HDR TID Report
TPS7H5001-SP QMLP

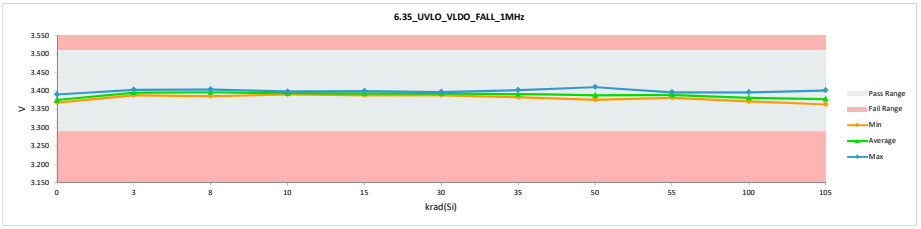
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.35_UVLO_VLDO_FALL_1MHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.51	3.51
Min Limit	3.29	3.29

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.368	3.368	0.000
0	992	3.390	3.390	0.000
0	993	3.368	3.368	0.000
3	1	3.378	3.397	0.019
3	2	3.381	3.397	0.016
3	3	3.393	3.391	-0.002
3	4	3.392	3.388	-0.004
3	5	3.383	3.403	0.020
8	6	3.393	3.404	0.011
8	7	3.386	3.385	-0.001
8	8	3.402	3.400	-0.002
8	9	3.388	3.395	0.007
8	10	3.388	3.398	0.010
10	11	3.399	3.398	-0.001
10	12	3.396	3.395	-0.001
10	13	3.391	3.390	-0.001
10	14	3.407	3.392	-0.015
10	15	3.402	3.390	-0.012
15	16	3.408	3.389	-0.019
15	17	3.397	3.388	-0.009
15	18	3.382	3.395	0.013
15	19	3.388	3.396	0.008
15	20	3.397	3.399	0.002
30	21	3.386	3.393	0.007
30	22	3.387	3.397	0.010
30	23	3.388	3.388	0.000
30	24	3.402	3.397	-0.005
30	25	3.389	3.393	0.004
35	26	3.394	3.392	-0.002
35	27	3.389	3.402	0.013
35	28	3.398	3.386	-0.012
35	29	3.397	3.383	-0.014
35	30	3.392	3.390	-0.002
50	31	3.387	3.376	-0.011
50	32	3.402	3.384	-0.018
50	33	3.403	3.385	-0.018
50	34	3.386	3.384	-0.002
50	35	3.399	3.410	0.011
55	36	3.395	3.396	0.001
55	37	3.397	3.381	-0.016
55	38	3.400	3.384	-0.016
55	39	3.401	3.391	-0.010
55	40	3.392	3.391	-0.001
100	41	3.386	3.371	-0.015
100	42	3.382	3.375	-0.007
100	43	3.390	3.396	0.006
100	44	3.387	3.379	-0.008
100	45	3.398	3.383	-0.015
105	46	3.396	3.377	-0.019
105	47	3.402	3.392	-0.010
105	48	3.392	3.377	-0.015
105	49	3.403	3.376	-0.027
105	50	3.389	3.376	-0.013
105	51	3.399	3.383	-0.016
105	52	3.391	3.382	-0.009
105	53	3.398	3.377	-0.021
105	54	3.405	3.401	-0.004
105	55	3.391	3.380	-0.011
105	56	3.388	3.388	0.000
105	57	3.395	3.382	-0.013
105	58	3.383	3.368	-0.015
105	59	3.388	3.371	-0.017
105	60	3.391	3.372	-0.019
105	61	3.388	3.364	-0.024
105	62	3.410	3.368	-0.042
105	63	3.393	3.363	-0.030
105	64	3.391	3.388	-0.003
105	65	3.402	3.366	-0.036
105	66	3.402	3.379	-0.023
105	67	3.399	3.373	-0.026
	Max	3.410	3.410	0.020
	Average	3.393	3.386	-0.007
	Min	3.368	3.363	-0.042
	Std Dev	0.008	0.011	0.013



	6.35_UVLO_VLDO_FALL_1MHz										
Test Site											
Tester											
Test Number											
Max Limit	3.51	V									
Min Limit	3.29	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290
Min	3.368	3.388	3.385	3.390	3.388	3.388	3.383	3.376	3.381	3.371	3.363
Average	3.375	3.395	3.396	3.393	3.393	3.394	3.391	3.388	3.389	3.381	3.377
Max	3.390	3.403	3.404	3.398	3.399	3.397	3.402	3.410	3.396	3.396	3.401
UL	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510

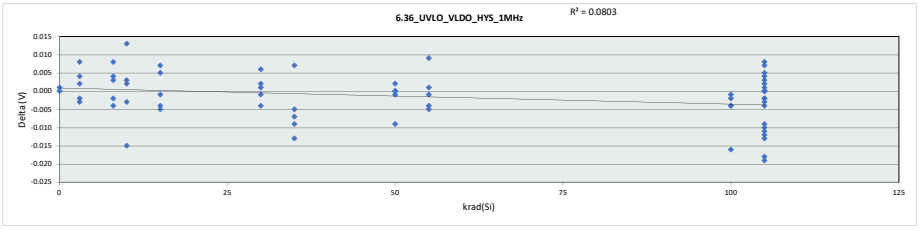


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

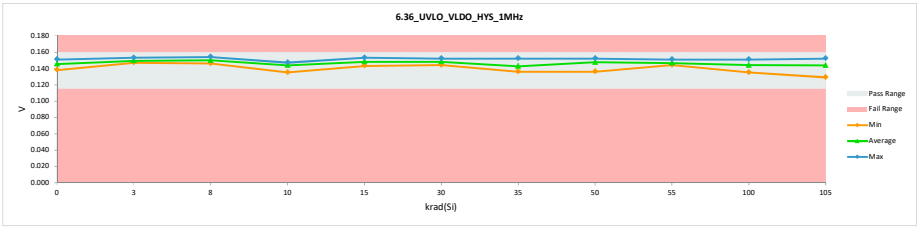
	6.36_UVLO_VLDO_HYS_1MHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.158	0.16
Min Limit	0.115	0.115

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.147	0.147	0.000
0	992	0.137	0.138	0.001
0	993	0.151	0.151	0.000
3	1	0.150	0.147	-0.003
3	2	0.151	0.153	0.002
3	3	0.145	0.149	0.004
3	4	0.140	0.148	0.008
3	5	0.152	0.150	-0.002
8	6	0.151	0.154	0.003
8	7	0.152	0.148	-0.004
8	8	0.142	0.146	0.004
8	9	0.144	0.152	0.008
8	10	0.152	0.150	-0.002
10	11	0.150	0.135	-0.015
10	12	0.133	0.146	0.013
10	13	0.145	0.147	0.002
10	14	0.141	0.144	0.003
10	15	0.150	0.147	-0.003
15	16	0.144	0.151	0.007
15	17	0.146	0.145	-0.001
15	18	0.148	0.143	-0.005
15	19	0.148	0.153	0.005
15	20	0.153	0.149	-0.004
30	21	0.149	0.148	-0.001
30	22	0.144	0.150	0.006
30	23	0.142	0.144	0.002
30	24	0.151	0.147	-0.004
30	25	0.151	0.152	0.001
35	26	0.145	0.136	-0.009
35	27	0.149	0.142	-0.007
35	28	0.145	0.152	0.007
35	29	0.152	0.147	-0.005
35	30	0.149	0.136	-0.013
50	31	0.148	0.148	0.000
50	32	0.150	0.152	0.002
50	33	0.153	0.152	-0.001
50	34	0.150	0.150	0.000
50	35	0.145	0.136	-0.009
55	36	0.152	0.151	-0.001
55	37	0.151	0.147	-0.004
55	38	0.135	0.144	0.009
55	39	0.151	0.146	-0.005
55	40	0.144	0.145	0.001
100	41	0.152	0.151	-0.001
100	42	0.152	0.148	-0.004
100	43	0.151	0.135	-0.016
100	44	0.150	0.146	-0.004
100	45	0.142	0.140	-0.002
105	46	0.152	0.150	-0.002
105	47	0.148	0.136	-0.012
105	48	0.148	0.129	-0.019
105	49	0.143	0.130	-0.013
105	50	0.145	0.150	0.005
105	51	0.148	0.139	-0.009
105	52	0.148	0.130	-0.018
105	53	0.142	0.150	0.008
105	54	0.142	0.139	-0.003
105	55	0.148	0.148	0.000
105	56	0.146	0.148	0.002
105	57	0.141	0.148	0.007
105	58	0.153	0.143	-0.010
105	59	0.149	0.149	0.000
105	60	0.152	0.150	-0.002
105	61	0.149	0.152	0.003
105	62	0.140	0.141	0.001
105	63	0.141	0.145	0.004
105	64	0.149	0.145	-0.004
105	65	0.150	0.150	0.000
105	66	0.150	0.139	-0.011
105	67	0.150	0.150	0.000
	Max	0.153	0.154	0.013
	Average	0.147	0.146	-0.002
	Min	0.133	0.129	-0.019
	Std Dev	0.005	0.006	0.007



	6.36_UVLO_VLDO_HYS_1MHz	
Test Site		
Tester		
Test Number		
Max Limit	0.16	V
Min Limit	0.115	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Min	0.138	0.147	0.146	0.135	0.143	0.144	0.136	0.136	0.144	0.135	0.129
Average	0.145	0.149	0.150	0.144	0.148	0.148	0.143	0.148	0.147	0.144	0.144
Max	0.151	0.153	0.154	0.147	0.153	0.152	0.152	0.152	0.151	0.151	0.152
UL	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160

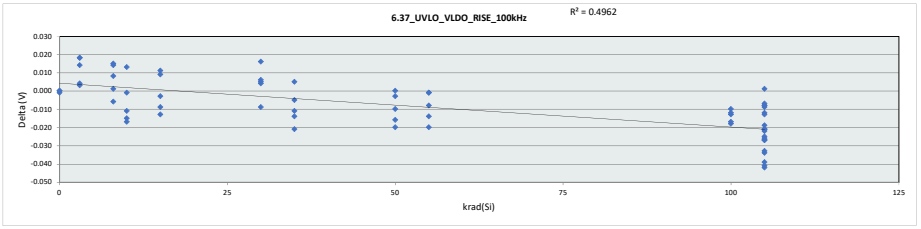


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

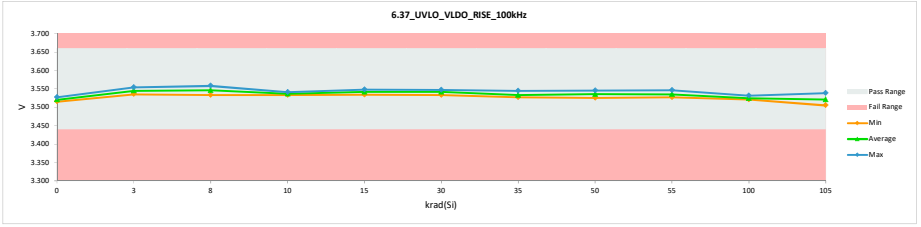
	6.37_UVLO_VLDO_RISE_100kHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.66	3.66
Min Limit	3.44	3.44

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.515	3.515	0.000
0	992	3.528	3.527	-0.001
0	993	3.519	3.519	0.000
3	1	3.530	3.544	0.014
3	2	3.531	3.549	0.018
3	3	3.538	3.541	0.003
3	4	3.531	3.535	0.004
3	5	3.536	3.554	0.018
8	6	3.543	3.558	0.015
8	7	3.539	3.533	-0.006
8	8	3.544	3.545	0.001
8	9	3.532	3.546	0.014
8	10	3.540	3.548	0.008
10	11	3.550	3.533	-0.017
10	12	3.528	3.541	0.013
10	13	3.537	3.536	-0.001
10	14	3.547	3.536	-0.011
10	15	3.552	3.537	-0.015
15	16	3.552	3.539	-0.013
15	17	3.543	3.534	-0.009
15	18	3.530	3.539	0.009
15	19	3.537	3.548	0.011
15	20	3.551	3.548	-0.003
30	21	3.535	3.540	0.005
30	22	3.531	3.547	0.016
30	23	3.529	3.533	0.004
30	24	3.552	3.543	-0.009
30	25	3.540	3.546	0.006
35	26	3.538	3.527	-0.011
35	27	3.539	3.544	0.005
35	28	3.543	3.538	-0.005
35	29	3.550	3.529	-0.021
35	30	3.541	3.527	-0.014
50	31	3.535	3.525	-0.010
50	32	3.553	3.537	-0.016
50	33	3.557	3.537	-0.020
50	34	3.536	3.533	-0.003
50	35	3.545	3.545	0.000
55	36	3.547	3.546	-0.001
55	37	3.549	3.529	-0.020
55	38	3.535	3.527	-0.008
55	39	3.552	3.538	-0.014
55	40	3.536	3.535	-0.001
100	41	3.538	3.521	-0.017
100	42	3.534	3.522	-0.012
100	43	3.541	3.531	-0.010
100	44	3.537	3.524	-0.013
100	45	3.541	3.523	-0.018
105	46	3.549	3.527	-0.022
105	47	3.549	3.528	-0.021
105	48	3.540	3.506	-0.034
105	49	3.546	3.505	-0.041
105	50	3.534	3.527	-0.007
105	51	3.547	3.521	-0.026
105	52	3.539	3.512	-0.027
105	53	3.540	3.527	-0.013
105	54	3.547	3.538	-0.009
105	55	3.540	3.528	-0.012
105	56	3.535	3.536	0.001
105	57	3.537	3.529	-0.008
105	58	3.537	3.510	-0.027
105	59	3.536	3.517	-0.019
105	60	3.543	3.522	-0.021
105	61	3.536	3.515	-0.021
105	62	3.550	3.508	-0.042
105	63	3.534	3.509	-0.025
105	64	3.540	3.532	-0.008
105	65	3.554	3.515	-0.039
105	66	3.552	3.519	-0.033
105	67	3.550	3.523	-0.027
	Max	3.557	3.558	0.018
	Average	3.540	3.532	-0.009
	Min	3.515	3.505	-0.042
	Std Dev	0.008	0.012	0.014



	6.37_UVLO_VLDO_RISE_100kl	
Test Site		
Tester		
Test Number		
Max Limit	3.66	V
Min Limit	3.44	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440
Min	3.515	3.535	3.533	3.533	3.534	3.533	3.527	3.525	3.527	3.521	3.505
Average	3.520	3.545	3.546	3.537	3.542	3.542	3.533	3.535	3.535	3.524	3.521
Max	3.527	3.554	3.558	3.541	3.548	3.547	3.544	3.545	3.546	3.531	3.538
UL	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660

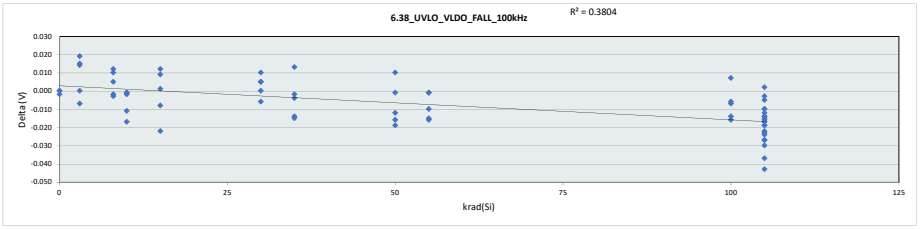


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

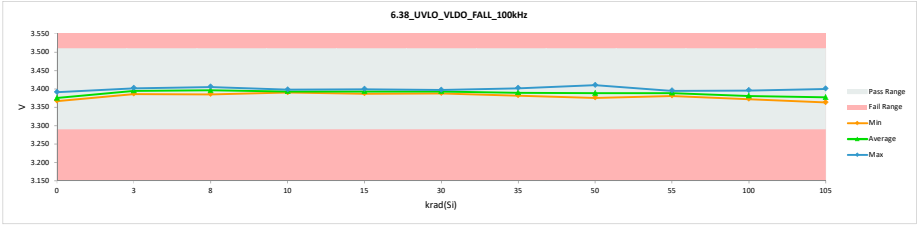
	6.38_UVLO_VLDO_FALL_100kHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.51	3.51
Min Limit	3.29	3.29

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.368	3.368	0.000
0	992	3.391	3.391	0.000
0	993	3.369	3.367	-0.002
3	1	3.378	3.397	0.019
3	2	3.381	3.396	0.015
3	3	3.393	3.393	0.000
3	4	3.393	3.386	-0.007
3	5	3.388	3.402	0.014
8	6	3.393	3.405	0.012
8	7	3.387	3.385	-0.002
8	8	3.401	3.398	-0.003
8	9	3.389	3.394	0.005
8	10	3.388	3.398	0.010
10	11	3.399	3.398	-0.001
10	12	3.397	3.395	-0.002
10	13	3.391	3.390	-0.001
10	14	3.407	3.390	-0.017
10	15	3.402	3.391	-0.011
15	16	3.409	3.387	-0.022
15	17	3.396	3.388	-0.008
15	18	3.382	3.394	0.012
15	19	3.388	3.397	0.009
15	20	3.398	3.399	0.001
30	21	3.387	3.392	0.005
30	22	3.386	3.396	0.010
30	23	3.388	3.388	0.000
30	24	3.403	3.397	-0.006
30	25	3.389	3.394	0.005
35	26	3.393	3.391	-0.002
35	27	3.389	3.402	0.013
35	28	3.400	3.386	-0.014
35	29	3.397	3.382	-0.015
35	30	3.392	3.388	-0.004
50	31	3.388	3.376	-0.012
50	32	3.401	3.385	-0.016
50	33	3.403	3.384	-0.019
50	34	3.387	3.386	-0.001
50	35	3.400	3.410	0.010
55	36	3.396	3.395	-0.001
55	37	3.397	3.381	-0.016
55	38	3.400	3.385	-0.015
55	39	3.401	3.391	-0.010
55	40	3.392	3.391	-0.001
100	41	3.386	3.372	-0.014
100	42	3.382	3.375	-0.007
100	43	3.389	3.396	0.007
100	44	3.386	3.380	-0.006
100	45	3.398	3.382	-0.016
105	46	3.395	3.376	-0.019
105	47	3.402	3.392	-0.010
105	48	3.393	3.376	-0.017
105	49	3.403	3.376	-0.027
105	50	3.389	3.375	-0.014
105	51	3.400	3.384	-0.016
105	52	3.391	3.381	-0.010
105	53	3.399	3.377	-0.022
105	54	3.405	3.400	-0.005
105	55	3.392	3.380	-0.012
105	56	3.387	3.389	0.002
105	57	3.394	3.379	-0.015
105	58	3.383	3.369	-0.014
105	59	3.388	3.371	-0.017
105	60	3.390	3.371	-0.019
105	61	3.387	3.364	-0.023
105	62	3.410	3.367	-0.043
105	63	3.393	3.363	-0.030
105	64	3.392	3.389	-0.003
105	65	3.402	3.365	-0.037
105	66	3.402	3.378	-0.024
105	67	3.399	3.372	-0.027
	Max	3.410	3.410	0.019
	Average	3.393	3.386	-0.007
	Min	3.368	3.363	-0.043
	Std Dev	0.008	0.011	0.013



	6.38_UVLO_VLDO_FALL_100kH	
Test Site		
Tester		
Test Number		
Max Limit	3.51	V
Min Limit	3.29	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290
Min	3.367	3.386	3.385	3.390	3.387	3.388	3.382	3.376	3.381	3.372	3.363
Average	3.375	3.395	3.396	3.393	3.393	3.393	3.390	3.388	3.389	3.381	3.377
Max	3.391	3.402	3.405	3.398	3.399	3.397	3.402	3.410	3.395	3.396	3.400
UL	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510

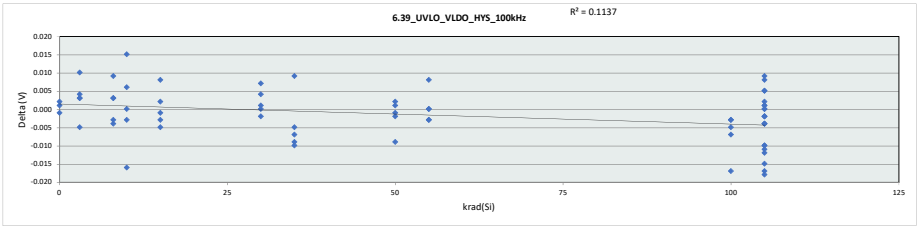


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

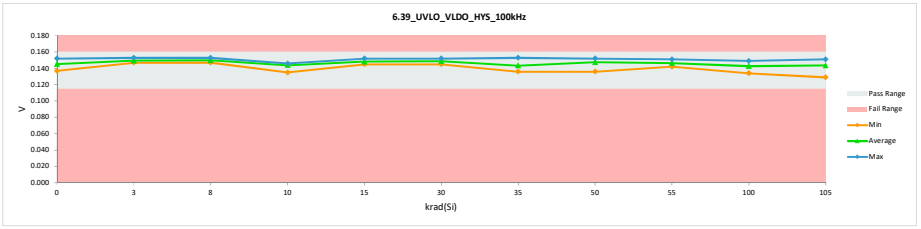
	6.39_UVLO_VLDO_HYS_100kHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.158	0.16
Min Limit	0.115	0.115

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.146	0.147	0.001
0	992	0.138	0.137	-0.001
0	993	0.150	0.152	0.002
3	1	0.152	0.147	-0.005
3	2	0.150	0.153	0.003
3	3	0.145	0.148	0.003
3	4	0.138	0.148	0.010
3	5	0.148	0.152	0.004
8	6	0.150	0.153	0.003
8	7	0.152	0.148	-0.004
8	8	0.144	0.147	0.003
8	9	0.143	0.152	0.009
8	10	0.153	0.150	-0.003
10	11	0.151	0.135	-0.016
10	12	0.131	0.146	0.015
10	13	0.146	0.146	0.000
10	14	0.140	0.146	0.006
10	15	0.149	0.146	-0.003
15	16	0.144	0.152	0.008
15	17	0.147	0.146	-0.001
15	18	0.148	0.145	-0.003
15	19	0.149	0.151	0.002
15	20	0.153	0.148	-0.005
30	21	0.148	0.148	0.000
30	22	0.144	0.151	0.007
30	23	0.141	0.145	0.004
30	24	0.149	0.147	-0.002
30	25	0.151	0.152	0.001
35	26	0.145	0.136	-0.009
35	27	0.149	0.142	-0.007
35	28	0.144	0.153	0.009
35	29	0.152	0.147	-0.005
35	30	0.149	0.139	-0.010
50	31	0.147	0.149	0.002
50	32	0.151	0.152	0.001
50	33	0.154	0.152	-0.002
50	34	0.149	0.148	-0.001
50	35	0.145	0.136	-0.009
55	36	0.151	0.151	0.000
55	37	0.151	0.148	-0.003
55	38	0.134	0.142	0.008
55	39	0.150	0.147	-0.003
55	40	0.144	0.144	0.000
100	41	0.152	0.149	-0.003
100	42	0.152	0.147	-0.005
100	43	0.151	0.134	-0.017
100	44	0.151	0.144	-0.007
100	45	0.143	0.140	-0.003
105	46	0.154	0.150	-0.004
105	47	0.147	0.136	-0.011
105	48	0.147	0.130	-0.017
105	49	0.144	0.129	-0.015
105	50	0.146	0.151	0.005
105	51	0.147	0.137	-0.010
105	52	0.148	0.130	-0.018
105	53	0.141	0.150	0.009
105	54	0.142	0.138	-0.004
105	55	0.148	0.148	0.000
105	56	0.147	0.148	0.001
105	57	0.142	0.150	0.008
105	58	0.153	0.141	-0.012
105	59	0.148	0.146	-0.002
105	60	0.153	0.151	-0.002
105	61	0.149	0.151	0.002
105	62	0.140	0.141	0.001
105	63	0.141	0.146	0.005
105	64	0.148	0.144	-0.004
105	65	0.152	0.150	-0.002
105	66	0.150	0.140	-0.010
105	67	0.151	0.151	0.000
	Max	0.154	0.153	0.015
	Average	0.147	0.146	-0.002
	Min	0.131	0.129	-0.018
	Std Dev	0.005	0.006	0.007



	6.39_UVLO_VLDO_HYS_100kH	
Test Site		
Tester		
Test Number		
Max Limit	0.16	V
Min Limit	0.115	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Min	0.137	0.147	0.147	0.135	0.145	0.145	0.136	0.136	0.142	0.134	0.129
Average	0.145	0.150	0.150	0.144	0.148	0.149	0.143	0.147	0.146	0.143	0.144
Max	0.152	0.153	0.153	0.146	0.152	0.152	0.153	0.152	0.151	0.149	0.151
UL	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160

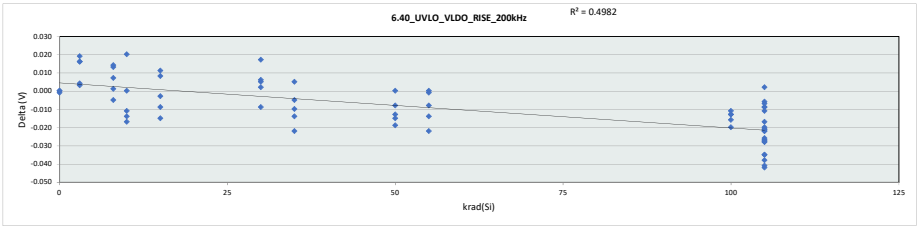


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

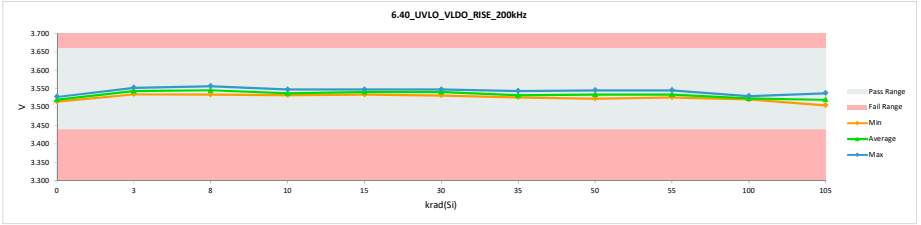
	6.40_UVLO_VLDO_RISE_200kHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.66	3.66
Min Limit	3.44	3.44

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.515	3.515	0.000
0	992	3.528	3.528	0.000
0	993	3.520	3.519	-0.001
3	1	3.528	3.544	0.016
3	2	3.531	3.550	0.019
3	3	3.537	3.540	0.003
3	4	3.531	3.535	0.004
3	5	3.537	3.553	0.016
8	6	3.543	3.557	0.014
8	7	3.539	3.534	-0.005
8	8	3.544	3.545	0.001
8	9	3.533	3.546	0.013
8	10	3.541	3.548	0.007
10	11	3.550	3.533	-0.017
10	12	3.528	3.548	0.020
10	13	3.536	3.536	0.000
10	14	3.547	3.536	-0.011
10	15	3.551	3.537	-0.014
15	16	3.553	3.538	-0.015
15	17	3.543	3.534	-0.009
15	18	3.531	3.539	0.008
15	19	3.537	3.548	0.011
15	20	3.550	3.547	-0.003
30	21	3.535	3.540	0.005
30	22	3.531	3.548	0.017
30	23	3.530	3.532	0.002
30	24	3.552	3.543	-0.009
30	25	3.540	3.546	0.006
35	26	3.537	3.527	-0.010
35	27	3.539	3.544	0.005
35	28	3.543	3.538	-0.005
35	29	3.550	3.528	-0.022
35	30	3.541	3.527	-0.014
50	31	3.536	3.523	-0.013
50	32	3.553	3.538	-0.015
50	33	3.556	3.537	-0.019
50	34	3.536	3.528	-0.008
50	35	3.546	3.546	0.000
55	36	3.546	3.546	0.000
55	37	3.550	3.528	-0.022
55	38	3.535	3.527	-0.008
55	39	3.552	3.538	-0.014
55	40	3.536	3.535	-0.001
100	41	3.538	3.522	-0.016
100	42	3.534	3.521	-0.013
100	43	3.541	3.530	-0.011
100	44	3.537	3.524	-0.013
100	45	3.541	3.521	-0.020
105	46	3.549	3.527	-0.022
105	47	3.550	3.528	-0.022
105	48	3.540	3.505	-0.035
105	49	3.546	3.505	-0.041
105	50	3.534	3.525	-0.009
105	51	3.548	3.521	-0.027
105	52	3.539	3.511	-0.028
105	53	3.540	3.520	-0.020
105	54	3.547	3.538	-0.009
105	55	3.539	3.528	-0.011
105	56	3.535	3.537	0.002
105	57	3.536	3.529	-0.007
105	58	3.536	3.510	-0.026
105	59	3.536	3.519	-0.017
105	60	3.543	3.522	-0.021
105	61	3.537	3.516	-0.021
105	62	3.550	3.508	-0.042
105	63	3.535	3.508	-0.027
105	64	3.539	3.533	-0.006
105	65	3.554	3.516	-0.038
105	66	3.554	3.519	-0.035
105	67	3.550	3.522	-0.028
	Max	3.556	3.557	0.020
	Average	3.540	3.531	-0.009
	Min	3.515	3.505	-0.042
	Std Dev	0.008	0.012	0.015



	6.40_UVLO_VLDO_RISE_200kl	
Test Site		
Tester		
Test Number		
Max Limit	3.66	V
Min Limit	3.44	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440
Min	3.515	3.535	3.534	3.533	3.534	3.532	3.527	3.523	3.527	3.521	3.505
Average	3.521	3.544	3.546	3.538	3.541	3.542	3.533	3.534	3.535	3.524	3.520
Max	3.528	3.553	3.557	3.548	3.548	3.548	3.544	3.546	3.546	3.530	3.538
UL	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660

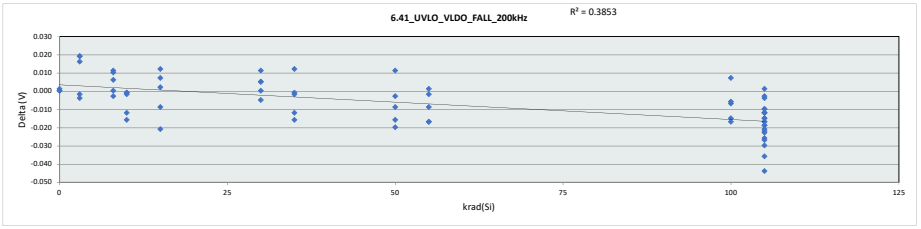


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

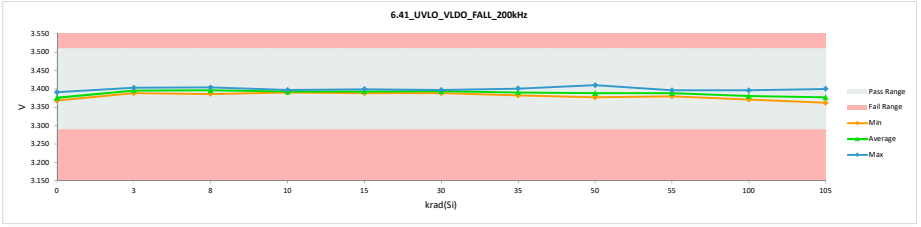
	6.41_UVLO_VLDO_FALL_200kHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.51	3.51
Min Limit	3.29	3.29

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.367	3.368	0.001
0	992	3.391	3.391	0.000
0	993	3.368	3.368	0.000
3	1	3.379	3.398	0.019
3	2	3.381	3.397	0.016
3	3	3.393	3.391	-0.002
3	4	3.392	3.388	-0.004
3	5	3.384	3.403	0.019
8	6	3.393	3.404	0.011
8	7	3.386	3.386	0.000
8	8	3.401	3.398	-0.003
8	9	3.388	3.394	0.006
8	10	3.388	3.398	0.010
10	11	3.399	3.397	-0.002
10	12	3.396	3.395	-0.001
10	13	3.391	3.390	-0.001
10	14	3.407	3.391	-0.016
10	15	3.402	3.390	-0.012
15	16	3.409	3.388	-0.021
15	17	3.397	3.388	-0.009
15	18	3.383	3.395	0.012
15	19	3.388	3.395	0.007
15	20	3.397	3.399	0.002
30	21	3.387	3.392	0.005
30	22	3.386	3.397	0.011
30	23	3.388	3.388	0.000
30	24	3.402	3.397	-0.005
30	25	3.388	3.393	0.005
35	26	3.394	3.392	-0.002
35	27	3.389	3.401	0.012
35	28	3.398	3.386	-0.012
35	29	3.398	3.382	-0.016
35	30	3.391	3.390	-0.001
50	31	3.386	3.377	-0.009
50	32	3.401	3.385	-0.016
50	33	3.404	3.384	-0.020
50	34	3.387	3.384	-0.003
50	35	3.399	3.410	0.011
55	36	3.395	3.396	0.001
55	37	3.397	3.380	-0.017
55	38	3.401	3.384	-0.017
55	39	3.401	3.392	-0.009
55	40	3.392	3.390	-0.002
100	41	3.386	3.371	-0.015
100	42	3.381	3.375	-0.006
100	43	3.389	3.396	0.007
100	44	3.386	3.379	-0.007
100	45	3.398	3.381	-0.017
105	46	3.395	3.376	-0.019
105	47	3.401	3.391	-0.010
105	48	3.392	3.380	-0.012
105	49	3.402	3.376	-0.026
105	50	3.388	3.376	-0.012
105	51	3.400	3.383	-0.017
105	52	3.391	3.381	-0.010
105	53	3.398	3.377	-0.021
105	54	3.404	3.400	-0.004
105	55	3.391	3.379	-0.012
105	56	3.388	3.389	0.001
105	57	3.394	3.379	-0.015
105	58	3.383	3.368	-0.015
105	59	3.388	3.371	-0.017
105	60	3.391	3.372	-0.019
105	61	3.387	3.365	-0.022
105	62	3.410	3.366	-0.044
105	63	3.392	3.362	-0.030
105	64	3.391	3.388	-0.003
105	65	3.402	3.366	-0.036
105	66	3.402	3.379	-0.023
105	67	3.399	3.372	-0.027
	Max	3.410	3.410	0.019
	Average	3.393	3.386	-0.007
	Min	3.367	3.362	-0.044
	Std Dev	0.008	0.011	0.013



	6.41_UVLO_VLDO_FALL_200kH	
Test Site		
Tester		
Test Number		
Max Limit	3.51	V
Min Limit	3.29	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290
Min	3.368	3.388	3.386	3.390	3.388	3.388	3.382	3.377	3.380	3.371	3.362
Average	3.376	3.395	3.396	3.393	3.393	3.393	3.390	3.388	3.388	3.380	3.377
Max	3.391	3.403	3.404	3.397	3.399	3.397	3.401	3.410	3.396	3.396	3.400
UL	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510

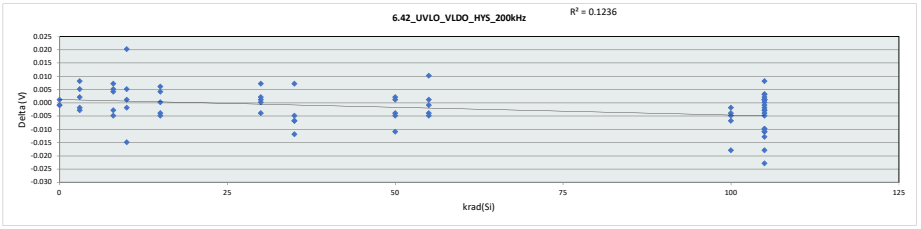


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

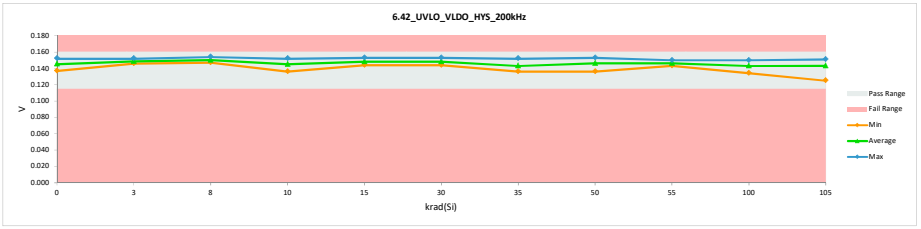
	6.42_UVLO_VLDO_HYS_200kHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.158	0.16
Min Limit	0.115	0.115

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.148	0.147	-0.001
0	992	0.138	0.137	-0.001
0	993	0.151	0.152	0.001
3	1	0.149	0.146	-0.003
3	2	0.150	0.152	0.002
3	3	0.144	0.149	0.005
3	4	0.139	0.147	0.008
3	5	0.152	0.150	-0.002
8	6	0.149	0.154	0.005
8	7	0.153	0.148	-0.005
8	8	0.143	0.147	0.004
8	9	0.145	0.152	0.007
8	10	0.153	0.150	-0.003
10	11	0.151	0.136	-0.015
10	12	0.132	0.152	0.020
10	13	0.145	0.146	0.001
10	14	0.140	0.145	0.005
10	15	0.149	0.147	-0.002
15	16	0.144	0.150	0.006
15	17	0.146	0.146	0.000
15	18	0.148	0.144	-0.004
15	19	0.149	0.153	0.004
15	20	0.153	0.148	-0.005
30	21	0.148	0.148	0.000
30	22	0.144	0.151	0.007
30	23	0.142	0.144	0.002
30	24	0.150	0.146	-0.004
30	25	0.152	0.153	0.001
35	26	0.143	0.136	-0.007
35	27	0.150	0.143	-0.007
35	28	0.145	0.152	0.007
35	29	0.152	0.147	-0.005
35	30	0.149	0.137	-0.012
50	31	0.150	0.146	-0.004
50	32	0.151	0.153	0.002
50	33	0.152	0.153	0.001
50	34	0.149	0.144	-0.005
50	35	0.147	0.136	-0.011
55	36	0.151	0.150	-0.001
55	37	0.152	0.148	-0.004
55	38	0.133	0.143	0.010
55	39	0.151	0.146	-0.005
55	40	0.144	0.145	0.001
100	41	0.152	0.150	-0.002
100	42	0.153	0.146	-0.007
100	43	0.152	0.134	-0.018
100	44	0.150	0.145	-0.005
100	45	0.144	0.140	-0.004
105	46	0.154	0.151	-0.003
105	47	0.148	0.137	-0.011
105	48	0.148	0.125	-0.023
105	49	0.143	0.130	-0.013
105	50	0.146	0.149	0.003
105	51	0.148	0.138	-0.010
105	52	0.148	0.130	-0.018
105	53	0.142	0.143	0.001
105	54	0.143	0.138	-0.005
105	55	0.148	0.149	0.001
105	56	0.147	0.148	0.001
105	57	0.142	0.150	0.008
105	58	0.152	0.142	-0.010
105	59	0.148	0.148	0.000
105	60	0.152	0.149	-0.003
105	61	0.150	0.151	0.001
105	62	0.140	0.142	0.002
105	63	0.143	0.146	0.003
105	64	0.148	0.144	-0.004
105	65	0.151	0.149	-0.002
105	66	0.151	0.140	-0.011
105	67	0.151	0.150	-0.001
	Max	0.154	0.154	0.020
	Average	0.147	0.145	-0.002
	Min	0.132	0.125	-0.023
	Std Dev	0.005	0.006	0.007



	6.42_UVLO_VLDO_HYS_200kH	
Test Site		
Tester		
Test Number		
Max Limit	0.16	V
Min Limit	0.115	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Min	0.137	0.146	0.147	0.136	0.144	0.144	0.136	0.136	0.143	0.134	0.125
Average	0.145	0.149	0.150	0.145	0.148	0.148	0.143	0.146	0.146	0.143	0.143
Max	0.152	0.152	0.154	0.152	0.153	0.153	0.152	0.153	0.150	0.150	0.151
UL	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160

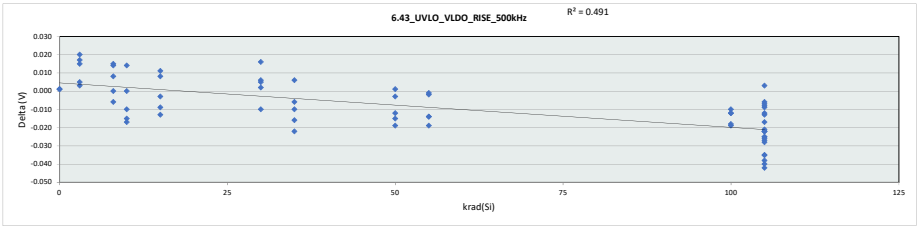


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

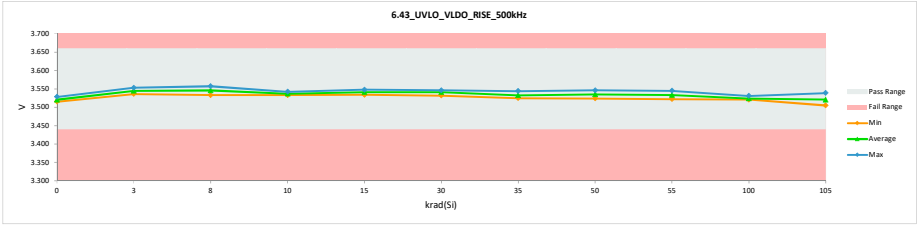
	6.43_UVLO_VLDO_RISE_500kHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.66	3.66
Min Limit	3.44	3.44

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.514	3.515	0.001
0	992	3.527	3.528	0.001
0	993	3.518	3.519	0.001
3	1	3.529	3.544	0.015
3	2	3.531	3.551	0.020
3	3	3.538	3.541	0.003
3	4	3.531	3.536	0.005
3	5	3.536	3.553	0.017
8	6	3.542	3.557	0.015
8	7	3.539	3.533	-0.006
8	8	3.545	3.545	0.000
8	9	3.532	3.546	0.014
8	10	3.540	3.548	0.008
10	11	3.550	3.533	-0.017
10	12	3.528	3.542	0.014
10	13	3.537	3.537	0.000
10	14	3.546	3.536	-0.010
10	15	3.552	3.537	-0.015
15	16	3.553	3.540	-0.013
15	17	3.543	3.534	-0.009
15	18	3.531	3.539	0.008
15	19	3.537	3.548	0.011
15	20	3.550	3.547	-0.003
30	21	3.535	3.540	0.005
30	22	3.530	3.546	0.016
30	23	3.530	3.532	0.002
30	24	3.553	3.543	-0.010
30	25	3.540	3.546	0.006
35	26	3.537	3.527	-0.010
35	27	3.538	3.544	0.006
35	28	3.544	3.538	-0.006
35	29	3.550	3.528	-0.022
35	30	3.541	3.525	-0.016
50	31	3.536	3.524	-0.012
50	32	3.552	3.537	-0.015
50	33	3.556	3.537	-0.019
50	34	3.536	3.533	-0.003
50	35	3.545	3.546	0.001
55	36	3.547	3.545	-0.002
55	37	3.548	3.529	-0.019
55	38	3.536	3.522	-0.014
55	39	3.551	3.537	-0.014
55	40	3.536	3.535	-0.001
100	41	3.539	3.521	-0.018
100	42	3.534	3.522	-0.012
100	43	3.541	3.531	-0.010
100	44	3.537	3.525	-0.012
100	45	3.541	3.522	-0.019
105	46	3.548	3.527	-0.021
105	47	3.550	3.528	-0.022
105	48	3.540	3.505	-0.035
105	49	3.545	3.505	-0.040
105	50	3.534	3.526	-0.008
105	51	3.547	3.521	-0.026
105	52	3.540	3.512	-0.028
105	53	3.540	3.527	-0.013
105	54	3.546	3.539	-0.007
105	55	3.540	3.528	-0.012
105	56	3.534	3.537	0.003
105	57	3.536	3.530	-0.006
105	58	3.535	3.510	-0.025
105	59	3.536	3.519	-0.017
105	60	3.543	3.521	-0.022
105	61	3.537	3.515	-0.022
105	62	3.550	3.508	-0.042
105	63	3.534	3.509	-0.025
105	64	3.541	3.532	-0.009
105	65	3.554	3.516	-0.038
105	66	3.553	3.518	-0.035
105	67	3.550	3.523	-0.027
	Max	3.556	3.557	0.020
	Average	3.540	3.531	-0.009
	Min	3.514	3.505	-0.042
	Std Dev	0.008	0.012	0.015



	6.43_UVLO_VLDO_RISE_500kHz	
Test Site		
Tester		
Test Number		
Max Limit	3.66	V
Min Limit	3.44	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440
Min	3.515	3.536	3.533	3.533	3.534	3.532	3.525	3.524	3.522	3.521	3.505
Average	3.521	3.545	3.546	3.537	3.542	3.541	3.532	3.535	3.534	3.524	3.521
Max	3.528	3.553	3.557	3.542	3.548	3.546	3.544	3.546	3.545	3.531	3.539
UL	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660

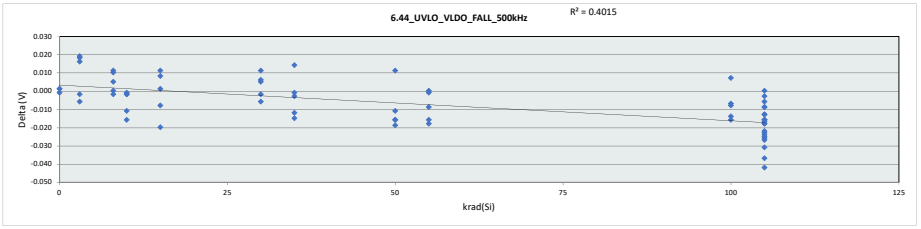


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

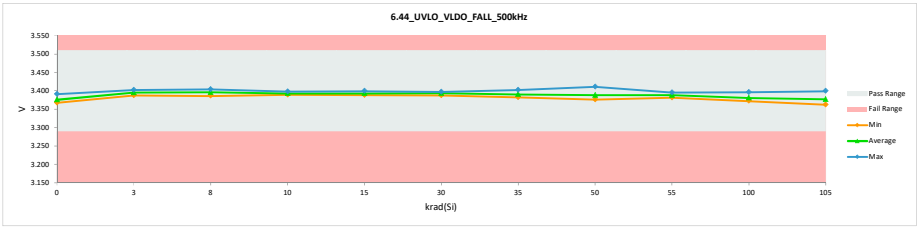
	6.44_UVLO_VLDO_FALL_500kHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.51	3.51
Min Limit	3.29	3.29

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.368	3.367	-0.001
0	992	3.390	3.391	0.001
0	993	3.368	3.369	0.001
3	1	3.378	3.397	0.019
3	2	3.381	3.397	0.016
3	3	3.393	3.391	-0.002
3	4	3.393	3.387	-0.006
3	5	3.384	3.402	0.018
8	6	3.393	3.404	0.011
8	7	3.386	3.386	0.000
8	8	3.401	3.399	-0.002
8	9	3.388	3.393	0.005
8	10	3.388	3.398	0.010
10	11	3.399	3.398	-0.001
10	12	3.397	3.395	-0.002
10	13	3.391	3.389	-0.002
10	14	3.407	3.391	-0.016
10	15	3.402	3.391	-0.011
15	16	3.408	3.388	-0.020
15	17	3.396	3.388	-0.008
15	18	3.383	3.394	0.011
15	19	3.387	3.395	0.008
15	20	3.398	3.399	0.001
30	21	3.387	3.393	0.006
30	22	3.386	3.397	0.011
30	23	3.389	3.387	-0.002
30	24	3.402	3.396	-0.006
30	25	3.388	3.393	0.005
35	26	3.393	3.392	-0.001
35	27	3.388	3.402	0.014
35	28	3.398	3.386	-0.012
35	29	3.397	3.382	-0.015
35	30	3.392	3.389	-0.003
50	31	3.387	3.376	-0.011
50	32	3.400	3.384	-0.016
50	33	3.403	3.384	-0.019
50	34	3.402	3.386	-0.016
50	35	3.400	3.411	0.011
55	36	3.396	3.395	-0.001
55	37	3.397	3.381	-0.016
55	38	3.401	3.383	-0.018
55	39	3.401	3.392	-0.009
55	40	3.391	3.391	0.000
100	41	3.386	3.372	-0.014
100	42	3.382	3.375	-0.007
100	43	3.389	3.396	0.007
100	44	3.387	3.379	-0.008
100	45	3.398	3.382	-0.016
105	46	3.395	3.377	-0.018
105	47	3.401	3.392	-0.009
105	48	3.392	3.376	-0.016
105	49	3.402	3.376	-0.026
105	50	3.388	3.375	-0.013
105	51	3.400	3.382	-0.018
105	52	3.391	3.382	-0.009
105	53	3.399	3.376	-0.023
105	54	3.405	3.399	-0.006
105	55	3.391	3.378	-0.013
105	56	3.388	3.388	0.000
105	57	3.395	3.379	-0.016
105	58	3.384	3.368	-0.016
105	59	3.388	3.371	-0.017
105	60	3.392	3.370	-0.022
105	61	3.388	3.364	-0.024
105	62	3.409	3.367	-0.042
105	63	3.393	3.362	-0.031
105	64	3.391	3.388	-0.003
105	65	3.403	3.366	-0.037
105	66	3.403	3.378	-0.025
105	67	3.399	3.372	-0.027
	Max	3.409	3.411	0.019
	Average	3.393	3.386	-0.007
	Min	3.368	3.362	-0.042
	Std Dev	0.008	0.011	0.013



	6.44_UVLO_VLDO_FALL_500kH	
Test Site		
Tester		
Test Number		
Max Limit	3.51	V
Min Limit	3.29	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290
Min	3.367	3.387	3.386	3.389	3.388	3.387	3.382	3.376	3.381	3.372	3.362
Average	3.376	3.395	3.396	3.393	3.393	3.393	3.390	3.388	3.388	3.381	3.377
Max	3.391	3.402	3.404	3.398	3.399	3.397	3.402	3.411	3.395	3.396	3.399
UL	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510

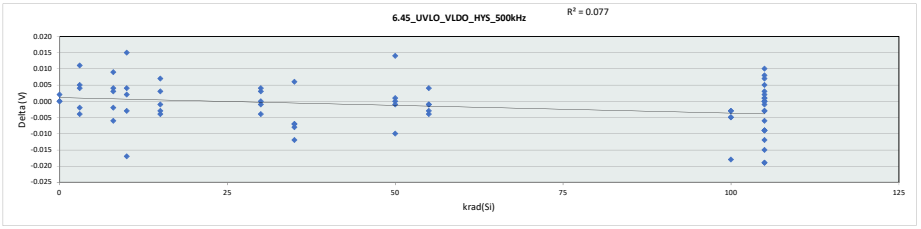


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

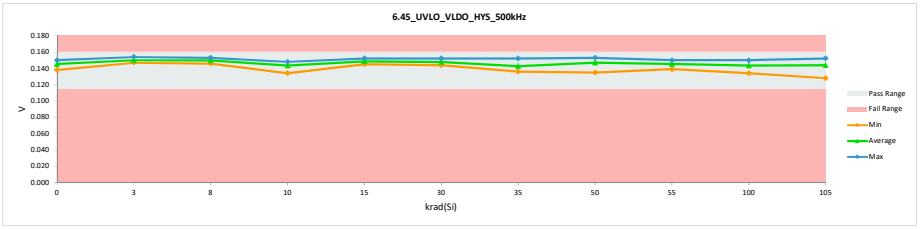
	6.45_UVLO_VLDO_HYS_500kHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.158	0.16
Min Limit	0.115	0.115

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.146	0.148	0.002
0	992	0.138	0.138	0.000
0	993	0.150	0.150	0.000
3	1	0.151	0.147	-0.004
3	2	0.150	0.154	0.004
3	3	0.145	0.150	0.005
3	4	0.138	0.149	0.011
3	5	0.152	0.150	-0.002
8	6	0.149	0.153	0.004
8	7	0.153	0.147	-0.006
8	8	0.143	0.146	0.003
8	9	0.144	0.153	0.009
8	10	0.152	0.150	-0.002
10	11	0.151	0.134	-0.017
10	12	0.131	0.146	0.015
10	13	0.146	0.148	0.002
10	14	0.140	0.144	0.004
10	15	0.149	0.146	-0.003
15	16	0.145	0.152	0.007
15	17	0.147	0.146	-0.001
15	18	0.148	0.145	-0.003
15	19	0.149	0.152	0.003
15	20	0.152	0.148	-0.004
30	21	0.148	0.147	-0.001
30	22	0.145	0.149	0.004
30	23	0.141	0.144	0.003
30	24	0.151	0.147	-0.004
30	25	0.152	0.152	0.000
35	26	0.144	0.136	-0.008
35	27	0.150	0.143	-0.007
35	28	0.146	0.152	0.006
35	29	0.153	0.146	-0.007
35	30	0.149	0.137	-0.012
50	31	0.149	0.148	-0.001
50	32	0.152	0.153	0.001
50	33	0.153	0.153	0.000
50	34	0.133	0.147	0.014
50	35	0.145	0.135	-0.010
55	36	0.151	0.150	-0.001
55	37	0.151	0.148	-0.003
55	38	0.135	0.139	0.004
55	39	0.150	0.146	-0.004
55	40	0.145	0.144	-0.001
100	41	0.153	0.150	-0.003
100	42	0.152	0.147	-0.005
100	43	0.152	0.134	-0.018
100	44	0.151	0.146	-0.005
100	45	0.143	0.140	-0.003
105	46	0.153	0.150	-0.003
105	47	0.148	0.136	-0.012
105	48	0.148	0.129	-0.019
105	49	0.143	0.128	-0.015
105	50	0.145	0.152	0.007
105	51	0.147	0.138	-0.009
105	52	0.149	0.130	-0.019
105	53	0.141	0.151	0.010
105	54	0.142	0.139	-0.003
105	55	0.149	0.150	0.001
105	56	0.146	0.149	0.003
105	57	0.142	0.150	0.008
105	58	0.151	0.142	-0.009
105	59	0.148	0.148	0.000
105	60	0.151	0.151	0.000
105	61	0.149	0.151	0.002
105	62	0.140	0.141	0.001
105	63	0.142	0.147	0.005
105	64	0.150	0.144	-0.006
105	65	0.151	0.150	-0.001
105	66	0.150	0.141	-0.009
105	67	0.151	0.151	0.000
	Max	0.153	0.154	0.015
	Average	0.147	0.146	-0.001
	Min	0.131	0.128	-0.019
	Std Dev	0.005	0.006	0.007



	6.45_UVLO_VLDO_HYS_500kH	
Test Site		
Tester		
Test Number		
Max Limit	0.16	V
Min Limit	0.115	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Min	0.138	0.147	0.146	0.134	0.145	0.144	0.136	0.135	0.139	0.134	0.128
Average	0.145	0.150	0.150	0.144	0.149	0.148	0.143	0.147	0.145	0.143	0.144
Max	0.150	0.154	0.153	0.148	0.152	0.152	0.152	0.153	0.150	0.150	0.152
UL	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160

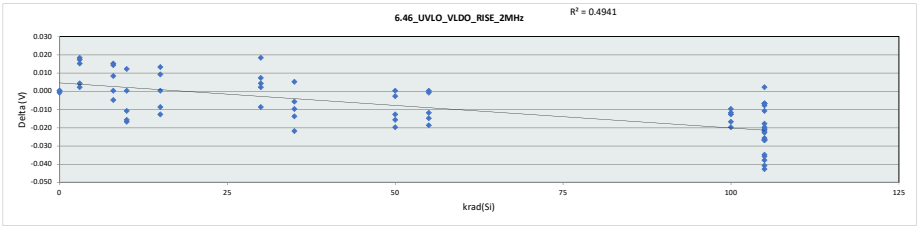


HDR TID Report
TPS7H5001-SP QMLP

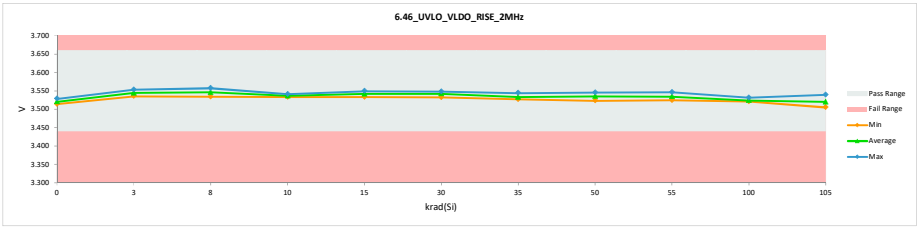
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	6.46_UVLO_VLDO_RISE_2MHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.66	3.66
Min Limit	3.44	3.44

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.515	3.514	-0.001
0	992	3.528	3.528	0.000
0	993	3.519	3.519	0.000
3	1	3.529	3.544	0.015
3	2	3.533	3.550	0.017
3	3	3.538	3.540	0.002
3	4	3.531	3.535	0.004
3	5	3.535	3.553	0.018
8	6	3.543	3.557	0.014
8	7	3.539	3.534	-0.005
8	8	3.545	3.545	0.000
8	9	3.531	3.546	0.015
8	10	3.540	3.548	0.008
10	11	3.550	3.533	-0.017
10	12	3.529	3.541	0.012
10	13	3.536	3.536	0.000
10	14	3.547	3.536	-0.011
10	15	3.552	3.536	-0.016
15	16	3.552	3.539	-0.013
15	17	3.542	3.533	-0.009
15	18	3.529	3.538	0.009
15	19	3.536	3.549	0.013
15	20	3.549	3.549	0.000
30	21	3.536	3.540	0.004
30	22	3.530	3.548	0.018
30	23	3.530	3.532	0.002
30	24	3.553	3.544	-0.009
30	25	3.539	3.546	0.007
35	26	3.538	3.528	-0.010
35	27	3.539	3.544	0.005
35	28	3.543	3.537	-0.006
35	29	3.550	3.528	-0.022
35	30	3.541	3.527	-0.014
50	31	3.536	3.523	-0.013
50	32	3.553	3.537	-0.016
50	33	3.557	3.537	-0.020
50	34	3.536	3.533	-0.003
50	35	3.545	3.545	0.000
55	36	3.547	3.546	-0.001
55	37	3.548	3.529	-0.019
55	38	3.536	3.524	-0.012
55	39	3.553	3.538	-0.015
55	40	3.535	3.535	0.000
100	41	3.538	3.521	-0.017
100	42	3.534	3.522	-0.012
100	43	3.541	3.531	-0.010
100	44	3.537	3.524	-0.013
100	45	3.541	3.521	-0.020
105	46	3.549	3.526	-0.023
105	47	3.549	3.528	-0.021
105	48	3.541	3.505	-0.036
105	49	3.546	3.505	-0.041
105	50	3.534	3.526	-0.008
105	51	3.548	3.521	-0.027
105	52	3.539	3.512	-0.027
105	53	3.540	3.520	-0.020
105	54	3.546	3.539	-0.007
105	55	3.539	3.528	-0.011
105	56	3.534	3.536	0.002
105	57	3.536	3.529	-0.007
105	58	3.536	3.510	-0.026
105	59	3.536	3.518	-0.018
105	60	3.543	3.521	-0.022
105	61	3.536	3.515	-0.021
105	62	3.551	3.508	-0.043
105	63	3.534	3.507	-0.027
105	64	3.540	3.533	-0.007
105	65	3.553	3.515	-0.038
105	66	3.553	3.518	-0.035
105	67	3.550	3.523	-0.027
	Max	3.557	3.557	0.018
	Average	3.540	3.531	-0.009
	Min	3.515	3.505	-0.043
	Std Dev	0.008	0.012	0.015



	6.46_UVLO_VLDO_RISE_2MHz										
Test Site											
Tester											
Test Number											
Max Limit	3.66	V									
Min Limit	3.44	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440	3.440
Min	3.514	3.535	3.534	3.533	3.533	3.532	3.527	3.523	3.524	3.521	3.505
Average	3.520	3.544	3.546	3.536	3.542	3.542	3.533	3.535	3.534	3.524	3.520
Max	3.528	3.553	3.557	3.541	3.549	3.548	3.544	3.545	3.546	3.531	3.539
UL	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660	3.660

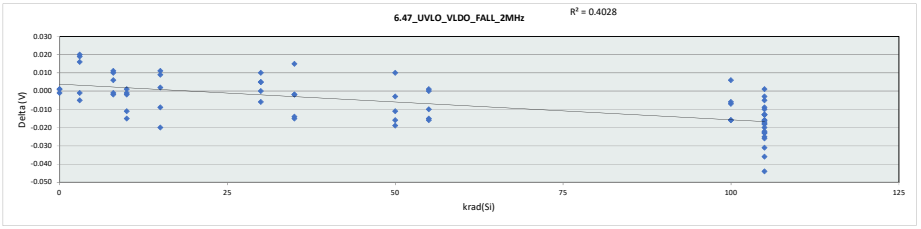


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

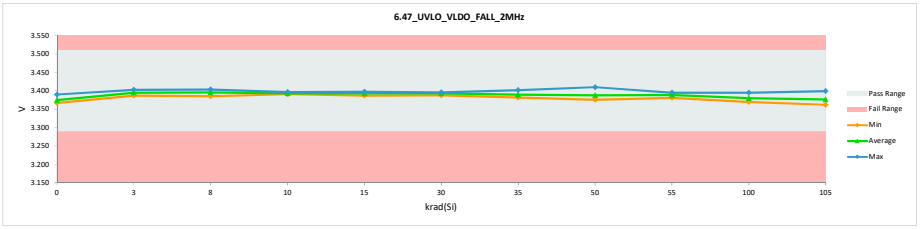
	6.47_UVLO_VLDO_FALL_2MHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.51	3.51
Min Limit	3.29	3.29

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.367	3.368	0.001
0	992	3.389	3.390	0.001
0	993	3.368	3.367	-0.001
3	1	3.378	3.398	0.020
3	2	3.381	3.397	0.016
3	3	3.393	3.392	-0.001
3	4	3.392	3.387	-0.005
3	5	3.384	3.403	0.019
8	6	3.393	3.404	0.011
8	7	3.387	3.385	-0.002
8	8	3.400	3.399	-0.001
8	9	3.387	3.393	0.006
8	10	3.388	3.398	0.010
10	11	3.399	3.397	-0.002
10	12	3.396	3.395	-0.001
10	13	3.390	3.391	0.001
10	14	3.406	3.391	-0.015
10	15	3.402	3.391	-0.011
15	16	3.408	3.388	-0.020
15	17	3.396	3.387	-0.009
15	18	3.384	3.395	0.011
15	19	3.388	3.397	0.009
15	20	3.396	3.398	0.002
30	21	3.387	3.392	0.005
30	22	3.386	3.396	0.010
30	23	3.388	3.388	0.000
30	24	3.401	3.395	-0.006
30	25	3.388	3.393	0.005
35	26	3.393	3.391	-0.002
35	27	3.387	3.402	0.015
35	28	3.399	3.385	-0.014
35	29	3.397	3.382	-0.015
35	30	3.391	3.389	-0.002
50	31	3.387	3.376	-0.011
50	32	3.401	3.385	-0.016
50	33	3.404	3.385	-0.019
50	34	3.387	3.384	-0.003
50	35	3.400	3.410	0.010
55	36	3.394	3.395	0.001
55	37	3.396	3.381	-0.015
55	38	3.400	3.384	-0.016
55	39	3.402	3.392	-0.010
55	40	3.391	3.391	0.000
100	41	3.386	3.370	-0.016
100	42	3.381	3.375	-0.006
100	43	3.389	3.395	0.006
100	44	3.386	3.379	-0.007
100	45	3.397	3.381	-0.016
105	46	3.395	3.377	-0.018
105	47	3.402	3.392	-0.010
105	48	3.392	3.379	-0.013
105	49	3.403	3.380	-0.023
105	50	3.388	3.375	-0.013
105	51	3.400	3.383	-0.017
105	52	3.391	3.382	-0.009
105	53	3.399	3.377	-0.022
105	54	3.404	3.399	-0.005
105	55	3.392	3.379	-0.013
105	56	3.388	3.389	0.001
105	57	3.394	3.378	-0.016
105	58	3.384	3.368	-0.016
105	59	3.388	3.370	-0.018
105	60	3.391	3.371	-0.020
105	61	3.387	3.364	-0.023
105	62	3.410	3.366	-0.044
105	63	3.393	3.362	-0.031
105	64	3.391	3.388	-0.003
105	65	3.402	3.366	-0.036
105	66	3.403	3.378	-0.025
105	67	3.399	3.373	-0.026
	Max	3.410	3.410	0.020
	Average	3.393	3.386	-0.007
	Min	3.367	3.362	-0.044
	Std Dev	0.008	0.011	0.013



	6.47_UVLO_VLDO_FALL_2MHz	
Test Site		
Tester		
Test Number		
Max Limit	3.51	V
Min Limit	3.29	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290	3.290
Min	3.367	3.387	3.385	3.391	3.387	3.388	3.382	3.376	3.381	3.370	3.362
Average	3.375	3.395	3.396	3.393	3.393	3.393	3.390	3.388	3.389	3.380	3.377
Max	3.390	3.403	3.404	3.397	3.398	3.396	3.402	3.410	3.395	3.395	3.399
UL	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510	3.510

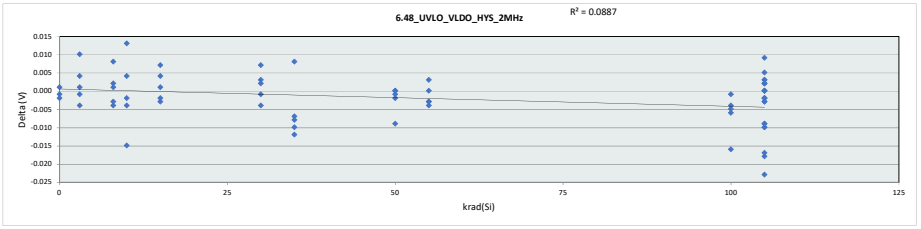


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

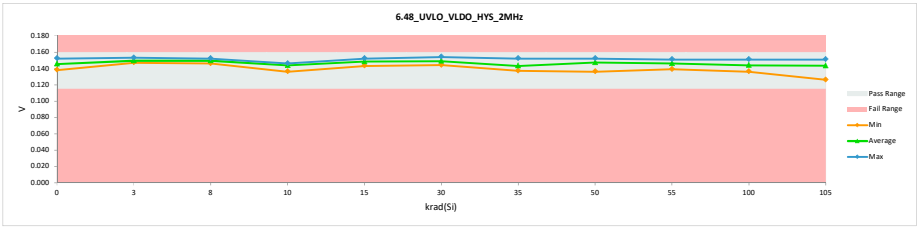
	6.48_UVLO_VLDO_HYS_2MHz	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.158	0.16
Min Limit	0.115	0.115

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.148	0.146	-0.002
0	992	0.139	0.138	-0.001
0	993	0.151	0.152	0.001
3	1	0.151	0.147	-0.004
3	2	0.152	0.153	0.001
3	3	0.145	0.149	0.004
3	4	0.138	0.148	0.010
3	5	0.151	0.150	-0.001
8	6	0.150	0.152	0.002
8	7	0.152	0.148	-0.004
8	8	0.145	0.146	0.001
8	9	0.144	0.152	0.008
8	10	0.152	0.149	-0.003
10	11	0.151	0.136	-0.015
10	12	0.133	0.146	0.013
10	13	0.147	0.145	-0.002
10	14	0.141	0.145	0.004
10	15	0.150	0.146	-0.004
15	16	0.144	0.151	0.007
15	17	0.145	0.146	0.001
15	18	0.145	0.143	-0.002
15	19	0.148	0.152	0.004
15	20	0.153	0.150	-0.003
30	21	0.149	0.148	-0.001
30	22	0.144	0.151	0.007
30	23	0.142	0.144	0.002
30	24	0.152	0.148	-0.004
30	25	0.151	0.154	0.003
35	26	0.145	0.137	-0.008
35	27	0.152	0.142	-0.010
35	28	0.144	0.152	0.008
35	29	0.153	0.146	-0.007
35	30	0.150	0.138	-0.012
50	31	0.149	0.148	-0.001
50	32	0.151	0.151	0.000
50	33	0.154	0.152	-0.002
50	34	0.149	0.149	0.000
50	35	0.145	0.136	-0.009
55	36	0.154	0.151	-0.003
55	37	0.151	0.148	-0.003
55	38	0.136	0.139	0.003
55	39	0.151	0.147	-0.004
55	40	0.145	0.145	0.000
100	41	0.152	0.151	-0.001
100	42	0.152	0.146	-0.006
100	43	0.152	0.136	-0.016
100	44	0.151	0.146	-0.005
100	45	0.144	0.140	-0.004
105	46	0.153	0.150	-0.003
105	47	0.147	0.137	-0.010
105	48	0.149	0.126	-0.023
105	49	0.143	0.126	-0.017
105	50	0.146	0.151	0.005
105	51	0.147	0.138	-0.009
105	52	0.148	0.130	-0.018
105	53	0.141	0.143	0.002
105	54	0.142	0.140	-0.002
105	55	0.147	0.149	0.002
105	56	0.145	0.148	0.003
105	57	0.142	0.151	0.009
105	58	0.152	0.143	-0.009
105	59	0.148	0.148	0.000
105	60	0.152	0.150	-0.002
105	61	0.149	0.151	0.002
105	62	0.141	0.141	0.000
105	63	0.142	0.145	0.003
105	64	0.149	0.146	-0.003
105	65	0.151	0.149	-0.002
105	66	0.150	0.140	-0.010
105	67	0.150	0.150	0.000
	Max	0.154	0.154	0.013
	Average	0.148	0.146	-0.002
	Min	0.133	0.126	-0.023
	Std Dev	0.005	0.006	0.007



	6.48_UVLO_VLDO_HYS_2MHz	
Test Site		
Tester		
Test Number		
Max Limit	0.16	V
Min Limit	0.115	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Min	0.138	0.147	0.146	0.136	0.143	0.144	0.137	0.136	0.139	0.136	0.126
Average	0.145	0.149	0.149	0.144	0.148	0.149	0.143	0.147	0.146	0.144	0.143
Max	0.152	0.153	0.152	0.146	0.152	0.154	0.152	0.152	0.151	0.151	0.151
UL	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160

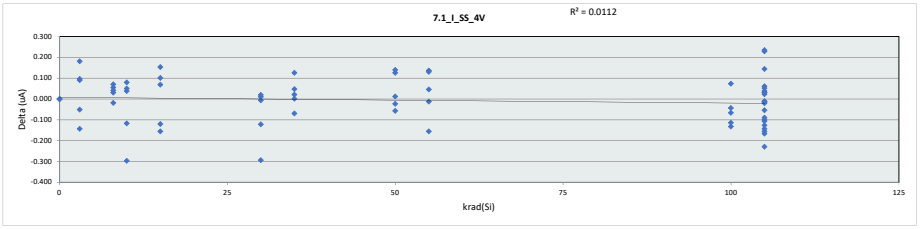


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

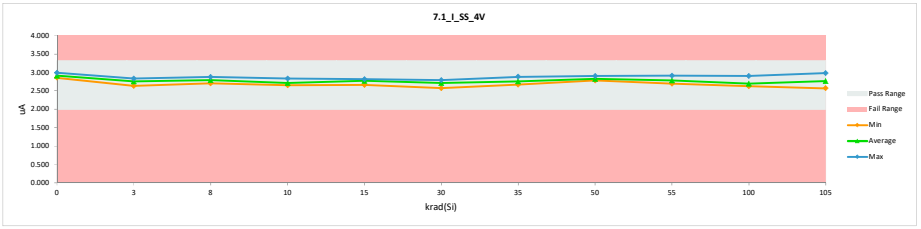
	7.1_I_SS_4V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	3.29	3.32
Min Limit	2.01	1.98

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	2.991	2.991	0.000
0	992	2.858	2.857	-0.001
0	993	2.897	2.896	-0.001
3	1	2.682	2.631	-0.051
3	2	2.653	2.833	0.180
3	3	2.662	2.752	0.090
3	4	2.906	2.762	-0.144
3	5	2.712	2.808	0.096
8	6	2.783	2.764	-0.019
8	7	2.633	2.703	0.070
8	8	2.846	2.876	0.030
8	9	2.767	2.822	0.055
8	10	2.732	2.773	0.041
10	11	2.781	2.831	0.050
10	12	2.628	2.707	0.079
10	13	2.766	2.649	-0.117
10	14	2.666	2.704	0.038
10	15	2.948	2.651	-0.297
15	16	2.927	2.807	-0.120
15	17	2.712	2.813	0.101
15	18	2.814	2.659	-0.155
15	19	2.697	2.765	0.068
15	20	2.657	2.810	0.153
30	21	2.724	2.734	0.010
30	22	2.867	2.573	-0.294
30	23	2.747	2.740	-0.007
30	24	2.914	2.792	-0.122
30	25	2.693	2.712	0.019
35	26	2.735	2.665	-0.070
35	27	2.711	2.731	0.020
35	28	2.618	2.743	0.125
35	29	2.834	2.881	0.047
35	30	2.758	2.759	0.001
50	31	2.762	2.901	0.139
50	32	2.805	2.781	-0.024
50	33	2.770	2.781	0.011
50	34	2.708	2.833	0.125
50	35	2.878	2.820	-0.058
55	36	2.818	2.805	-0.013
55	37	2.779	2.915	0.136
55	38	2.852	2.697	-0.155
55	39	2.686	2.731	0.045
55	40	2.638	2.767	0.129
100	41	2.738	2.623	-0.115
100	42	2.732	2.665	-0.067
100	43	2.801	2.669	-0.132
100	44	2.827	2.900	0.073
100	45	2.666	2.622	-0.044
105	46	2.754	2.776	0.022
105	47	2.798	2.569	-0.229
105	48	2.801	2.838	0.037
105	49	2.611	2.839	0.228
105	50	2.728	2.712	-0.016
105	51	2.818	2.806	-0.012
105	52	2.754	2.610	-0.144
105	53	2.645	2.788	0.143
105	54	2.733	2.678	-0.055
105	55	2.749	2.983	0.234
105	56	2.880	2.931	0.051
105	57	2.824	2.723	-0.101
105	58	2.876	2.769	-0.107
105	59	2.881	2.715	-0.166
105	60	2.804	2.649	-0.155
105	61	2.843	2.754	-0.089
105	62	2.808	2.839	0.031
105	63	2.705	2.735	0.030
105	64	2.924	2.984	0.060
105	65	2.805	2.679	-0.126
105	66	2.755	2.743	-0.012
105	67	2.740	2.720	-0.020
	Max	2.991	2.991	0.234
	Average	2.772	2.765	-0.007
	Min	2.611	2.569	-0.297
	Std Dev	0.088	0.095	0.111



	7.1_I_SS_4V	
Test Site		
Tester		
Test Number		
Max Limit	3.32	uA
Min Limit	1.98	uA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980
Min	2.857	2.631	2.703	2.649	2.659	2.573	2.665	2.781	2.697	2.622	2.569
Average	2.915	2.757	2.788	2.708	2.771	2.710	2.756	2.823	2.783	2.696	2.765
Max	2.991	2.833	2.876	2.831	2.813	2.792	2.881	2.901	2.915	2.900	2.984
UL	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320

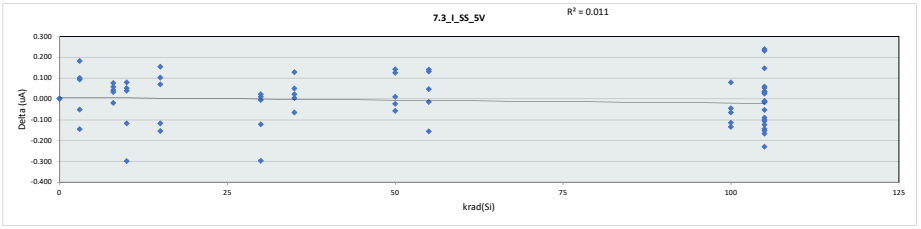


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

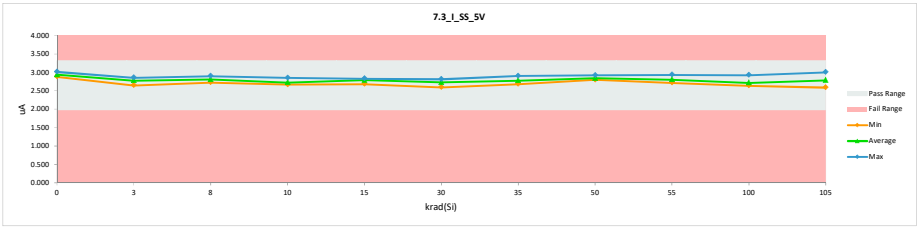
	7.3_I_SS_5V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	3.29	3.32
Min Limit	2.01	1.98

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.016	3.016	0.000
0	992	2.882	2.881	-0.001
0	993	2.920	2.919	-0.001
3	1	2.705	2.652	-0.053
3	2	2.675	2.856	0.181
3	3	2.683	2.774	0.091
3	4	2.930	2.784	-0.146
3	5	2.732	2.831	0.099
8	6	2.806	2.786	-0.020
8	7	2.653	2.727	0.074
8	8	2.869	2.900	0.031
8	9	2.789	2.845	0.056
8	10	2.755	2.795	0.040
10	11	2.804	2.854	0.050
10	12	2.651	2.728	0.077
10	13	2.789	2.670	-0.119
10	14	2.689	2.727	0.038
10	15	2.973	2.673	-0.300
15	16	2.949	2.830	-0.119
15	17	2.735	2.835	0.100
15	18	2.837	2.682	-0.155
15	19	2.718	2.786	0.068
15	20	2.679	2.831	0.152
30	21	2.746	2.755	0.009
30	22	2.892	2.594	-0.298
30	23	2.769	2.762	-0.007
30	24	2.938	2.814	-0.124
30	25	2.714	2.734	0.020
35	26	2.754	2.687	-0.067
35	27	2.733	2.753	0.020
35	28	2.640	2.766	0.126
35	29	2.857	2.905	0.048
35	30	2.780	2.783	0.003
50	31	2.784	2.924	0.140
50	32	2.827	2.802	-0.025
50	33	2.792	2.801	0.009
50	34	2.732	2.856	0.124
50	35	2.902	2.843	-0.059
55	36	2.842	2.826	-0.016
55	37	2.800	2.939	0.139
55	38	2.875	2.718	-0.157
55	39	2.708	2.753	0.045
55	40	2.659	2.788	0.129
100	41	2.761	2.645	-0.116
100	42	2.753	2.686	-0.067
100	43	2.824	2.689	-0.135
100	44	2.848	2.926	0.078
100	45	2.689	2.642	-0.047
105	46	2.776	2.800	0.024
105	47	2.819	2.588	-0.231
105	48	2.824	2.859	0.035
105	49	2.632	2.862	0.230
105	50	2.750	2.734	-0.016
105	51	2.840	2.829	-0.011
105	52	2.777	2.632	-0.145
105	53	2.666	2.811	0.145
105	54	2.754	2.700	-0.054
105	55	2.772	3.009	0.237
105	56	2.903	2.954	0.051
105	57	2.847	2.745	-0.102
105	58	2.898	2.790	-0.108
105	59	2.905	2.737	-0.168
105	60	2.825	2.671	-0.154
105	61	2.867	2.776	-0.091
105	62	2.832	2.863	0.031
105	63	2.726	2.757	0.031
105	64	2.949	3.007	0.058
105	65	2.826	2.701	-0.125
105	66	2.777	2.763	-0.014
105	67	2.763	2.745	-0.018
	Max	3.016	3.016	0.237
	Average	2.794	2.787	-0.007
	Min	2.632	2.588	-0.300
	Std Dev	0.088	0.096	0.112



	7.3_I_SS_5V	
Test Site		
Tester		
Test Number		
Max Limit	3.32	uA
Min Limit	1.98	uA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980
Min	2.881	2.652	2.727	2.670	2.682	2.594	2.687	2.801	2.718	2.642	2.588
Average	2.939	2.779	2.811	2.730	2.793	2.732	2.779	2.845	2.805	2.718	2.788
Max	3.016	2.856	2.900	2.854	2.835	2.814	2.905	2.924	2.939	2.926	3.009
UL	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320

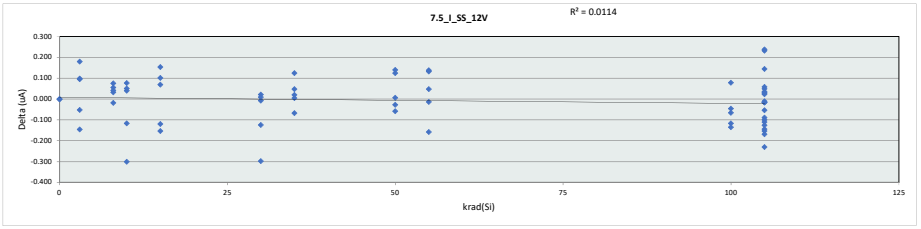


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

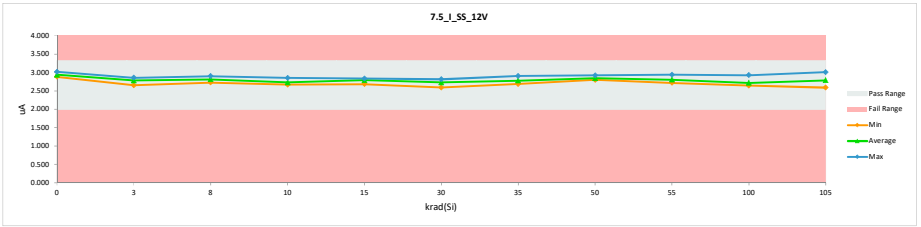
	7.5_I_SS_12V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	3.29	3.32
Min Limit	2.01	1.98

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.018	3.017	-0.001
0	992	2.882	2.882	0.000
0	993	2.921	2.919	-0.002
3	1	2.705	2.652	-0.053
3	2	2.677	2.856	0.179
3	3	2.682	2.777	0.095
3	4	2.931	2.784	-0.147
3	5	2.733	2.831	0.098
8	6	2.807	2.788	-0.019
8	7	2.653	2.727	0.074
8	8	2.870	2.901	0.031
8	9	2.790	2.844	0.054
8	10	2.756	2.796	0.040
10	11	2.804	2.854	0.050
10	12	2.652	2.728	0.076
10	13	2.789	2.671	-0.118
10	14	2.688	2.727	0.039
10	15	2.975	2.673	-0.302
15	16	2.950	2.830	-0.120
15	17	2.735	2.836	0.101
15	18	2.836	2.682	-0.154
15	19	2.718	2.786	0.068
15	20	2.679	2.832	0.153
30	21	2.747	2.756	0.009
30	22	2.892	2.593	-0.299
30	23	2.770	2.762	-0.008
30	24	2.939	2.814	-0.125
30	25	2.714	2.734	0.020
35	26	2.754	2.686	-0.068
35	27	2.734	2.753	0.019
35	28	2.642	2.765	0.123
35	29	2.858	2.905	0.047
35	30	2.780	2.784	0.004
50	31	2.784	2.923	0.139
50	32	2.828	2.799	-0.029
50	33	2.793	2.798	0.005
50	34	2.732	2.855	0.123
50	35	2.902	2.843	-0.059
55	36	2.842	2.827	-0.015
55	37	2.801	2.938	0.137
55	38	2.875	2.717	-0.158
55	39	2.707	2.754	0.047
55	40	2.659	2.790	0.131
100	41	2.761	2.644	-0.117
100	42	2.753	2.686	-0.067
100	43	2.824	2.688	-0.136
100	44	2.848	2.925	0.077
100	45	2.690	2.643	-0.047
105	46	2.776	2.799	0.023
105	47	2.819	2.588	-0.231
105	48	2.824	2.859	0.035
105	49	2.631	2.862	0.231
105	50	2.751	2.735	-0.016
105	51	2.840	2.828	-0.012
105	52	2.777	2.632	-0.145
105	53	2.666	2.809	0.143
105	54	2.754	2.700	-0.054
105	55	2.772	3.009	0.237
105	56	2.904	2.952	0.048
105	57	2.848	2.747	-0.101
105	58	2.899	2.788	-0.111
105	59	2.905	2.735	-0.170
105	60	2.825	2.671	-0.154
105	61	2.866	2.776	-0.090
105	62	2.832	2.861	0.029
105	63	2.727	2.756	0.029
105	64	2.949	3.006	0.057
105	65	2.827	2.700	-0.127
105	66	2.777	2.761	-0.016
105	67	2.763	2.745	-0.018
	Max	3.018	3.017	0.237
	Average	2.794	2.787	-0.007
	Min	2.631	2.588	-0.302
	Std Dev	0.088	0.096	0.112



	7.5_I_SS_12V	
Test Site		
Tester		
Test Number		
Max Limit	3.32	uA
Min Limit	1.98	uA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980
Min	2.882	2.652	2.727	2.671	2.682	2.593	2.686	2.798	2.717	2.643	2.588
Average	2.939	2.780	2.811	2.731	2.793	2.732	2.779	2.844	2.805	2.717	2.787
Max	3.017	2.856	2.901	2.854	2.836	2.814	2.905	2.923	2.938	2.925	3.009
UL	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320

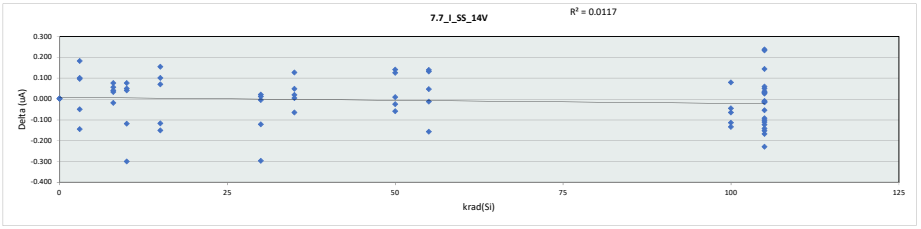


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

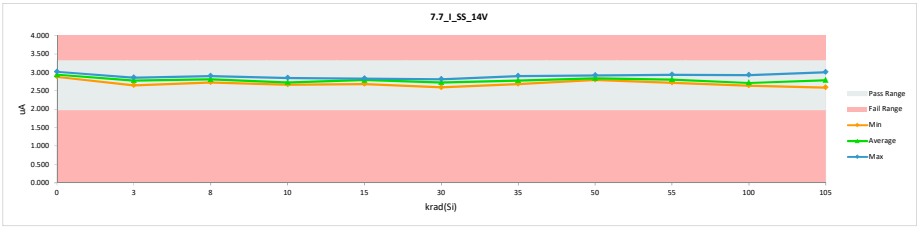
	7.7_I_SS_14V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	3.29	3.32
Min Limit	2.01	1.98

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	3.017	3.018	0.001
0	992	2.882	2.881	-0.001
0	993	2.920	2.919	-0.001
3	1	2.705	2.653	-0.052
3	2	2.676	2.856	0.180
3	3	2.682	2.776	0.094
3	4	2.931	2.784	-0.147
3	5	2.733	2.832	0.099
8	6	2.807	2.787	-0.020
8	7	2.653	2.728	0.075
8	8	2.870	2.901	0.031
8	9	2.790	2.844	0.054
8	10	2.756	2.795	0.039
10	11	2.805	2.854	0.049
10	12	2.653	2.727	0.074
10	13	2.790	2.670	-0.120
10	14	2.688	2.727	0.039
10	15	2.975	2.673	-0.302
15	16	2.949	2.830	-0.119
15	17	2.736	2.835	0.099
15	18	2.836	2.683	-0.153
15	19	2.718	2.787	0.069
15	20	2.679	2.832	0.153
30	21	2.746	2.756	0.010
30	22	2.892	2.593	-0.299
30	23	2.770	2.763	-0.007
30	24	2.939	2.815	-0.124
30	25	2.714	2.733	0.019
35	26	2.754	2.687	-0.067
35	27	2.735	2.753	0.018
35	28	2.642	2.767	0.125
35	29	2.858	2.905	0.047
35	30	2.780	2.783	0.003
50	31	2.784	2.923	0.139
50	32	2.828	2.801	-0.027
50	33	2.793	2.800	0.007
50	34	2.731	2.855	0.124
50	35	2.903	2.842	-0.061
55	36	2.841	2.827	-0.014
55	37	2.801	2.938	0.137
55	38	2.875	2.717	-0.158
55	39	2.708	2.753	0.045
55	40	2.660	2.790	0.130
100	41	2.761	2.645	-0.116
100	42	2.754	2.687	-0.067
100	43	2.825	2.690	-0.135
100	44	2.848	2.925	0.077
100	45	2.689	2.642	-0.047
105	46	2.775	2.799	0.024
105	47	2.820	2.589	-0.231
105	48	2.824	2.858	0.034
105	49	2.631	2.862	0.231
105	50	2.751	2.735	-0.016
105	51	2.840	2.828	-0.012
105	52	2.777	2.634	-0.143
105	53	2.666	2.808	0.142
105	54	2.755	2.699	-0.056
105	55	2.772	3.007	0.235
105	56	2.904	2.953	0.049
105	57	2.848	2.745	-0.103
105	58	2.900	2.787	-0.113
105	59	2.906	2.736	-0.170
105	60	2.824	2.670	-0.154
105	61	2.866	2.772	-0.094
105	62	2.832	2.861	0.029
105	63	2.727	2.757	0.030
105	64	2.949	3.006	0.057
105	65	2.826	2.701	-0.125
105	66	2.777	2.761	-0.016
105	67	2.763	2.745	-0.018
	Max	3.017	3.018	0.235
	Average	2.794	2.787	-0.007
	Min	2.631	2.589	-0.302
	Std Dev	0.088	0.095	0.112



	7.7_I_SS_14V	
Test Site		
Tester		
Test Number		
Max Limit	3.32	uA
Min Limit	1.98	uA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980	1.980
Min	2.881	2.653	2.728	2.670	2.683	2.593	2.687	2.800	2.717	2.642	2.589
Average	2.939	2.780	2.811	2.730	2.793	2.732	2.779	2.844	2.805	2.718	2.787
Max	3.018	2.856	2.901	2.854	2.835	2.815	2.905	2.923	2.938	2.925	3.007
UL	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320	3.320

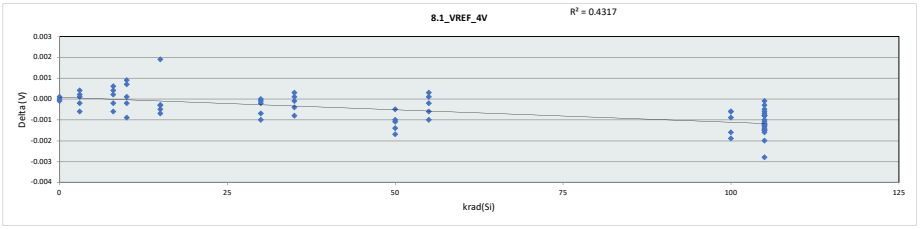


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

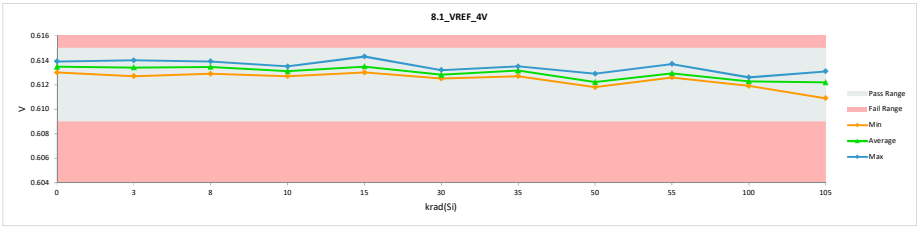
	8.1_VREF_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.615	0.615
Min Limit	0.611	0.609

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.614	0.614	0.000
0	992	0.613	0.613	0.000
0	993	0.613	0.613	0.000
3	1	0.614	0.614	0.000
3	2	0.613	0.613	-0.001
3	3	0.613	0.613	0.000
3	4	0.614	0.613	0.000
3	5	0.613	0.613	0.000
8	6	0.614	0.614	0.000
8	7	0.613	0.613	-0.001
8	8	0.613	0.614	0.001
8	9	0.613	0.614	0.000
8	10	0.613	0.613	0.000
10	11	0.613	0.613	0.001
10	12	0.614	0.613	-0.001
10	13	0.613	0.613	0.000
10	14	0.613	0.613	0.000
10	15	0.613	0.613	0.001
15	16	0.612	0.614	0.002
15	17	0.613	0.613	-0.001
15	18	0.614	0.613	-0.001
15	19	0.614	0.613	0.000
15	20	0.614	0.613	0.000
30	21	0.613	0.613	0.000
30	22	0.613	0.613	-0.001
30	23	0.613	0.613	0.000
30	24	0.613	0.613	0.000
30	25	0.614	0.613	-0.001
35	26	0.614	0.613	0.000
35	27	0.613	0.613	0.000
35	28	0.614	0.613	-0.001
35	29	0.613	0.613	0.000
35	30	0.613	0.613	0.000
50	31	0.613	0.613	0.000
50	32	0.613	0.612	-0.001
50	33	0.613	0.612	-0.001
50	34	0.613	0.612	-0.001
50	35	0.613	0.612	-0.002
55	36	0.614	0.613	-0.001
55	37	0.613	0.613	0.000
55	38	0.613	0.613	-0.001
55	39	0.613	0.613	0.000
55	40	0.613	0.614	0.000
100	41	0.613	0.612	-0.001
100	42	0.613	0.612	-0.002
100	43	0.614	0.612	-0.002
100	44	0.613	0.612	-0.001
100	45	0.613	0.613	-0.001
105	46	0.614	0.613	-0.001
105	47	0.614	0.612	-0.001
105	48	0.614	0.612	-0.001
105	49	0.613	0.612	-0.001
105	50	0.614	0.612	-0.001
105	51	0.613	0.611	-0.002
105	52	0.613	0.613	0.000
105	53	0.614	0.613	-0.001
105	54	0.613	0.612	-0.002
105	55	0.613	0.612	-0.002
105	56	0.614	0.611	-0.003
105	57	0.613	0.613	-0.001
105	58	0.613	0.612	-0.001
105	59	0.614	0.613	-0.001
105	60	0.613	0.613	0.000
105	61	0.613	0.612	-0.001
105	62	0.613	0.612	-0.001
105	63	0.613	0.612	-0.001
105	64	0.613	0.612	-0.001
105	65	0.613	0.612	-0.001
105	66	0.614	0.613	-0.001
105	67	0.614	0.612	-0.001
	Max	0.614	0.614	0.002
	Average	0.613	0.613	-0.001
	Min	0.612	0.611	-0.003
	Std Dev	0.000	0.001	0.001



	8.1_VREF_4V	
Test Site		
Tester		
Test Number		
Max Limit	0.615	V
Min Limit	0.609	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609
Min	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.612	0.613	0.612	0.611
Average	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.612	0.613	0.612	0.612
Max	0.614	0.614	0.614	0.614	0.614	0.613	0.614	0.613	0.614	0.613	0.613
UL	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615

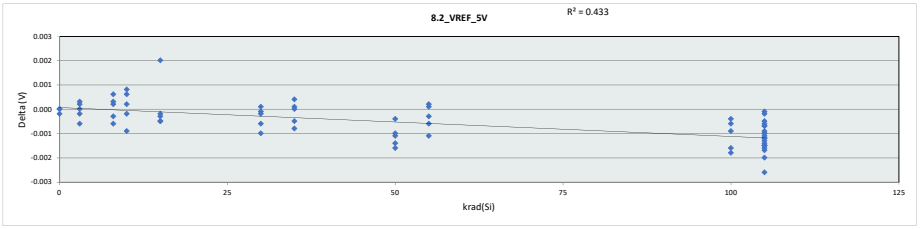


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

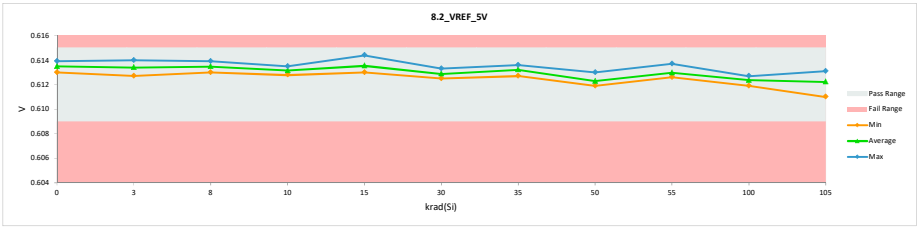
	8.2_VREF_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.615	0.615
Min Limit	0.611	0.609

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.614	0.614	0.000
0	992	0.614	0.614	0.000
0	993	0.613	0.613	0.000
3	1	0.614	0.614	0.000
3	2	0.613	0.613	-0.001
3	3	0.613	0.613	0.000
3	4	0.614	0.613	0.000
3	5	0.613	0.613	0.000
8	6	0.614	0.614	0.000
8	7	0.614	0.613	-0.001
8	8	0.613	0.614	0.001
8	9	0.613	0.614	0.000
8	10	0.613	0.613	0.000
10	11	0.613	0.613	0.001
10	12	0.614	0.613	-0.001
10	13	0.613	0.613	0.000
10	14	0.613	0.613	0.000
10	15	0.613	0.613	0.001
15	16	0.612	0.614	0.002
15	17	0.613	0.613	-0.001
15	18	0.614	0.613	0.000
15	19	0.614	0.613	0.000
15	20	0.614	0.614	0.000
30	21	0.613	0.613	0.000
30	22	0.613	0.613	-0.001
30	23	0.613	0.613	0.000
30	24	0.613	0.613	0.000
30	25	0.614	0.613	-0.001
35	26	0.614	0.614	0.000
35	27	0.613	0.613	0.000
35	28	0.614	0.613	-0.001
35	29	0.613	0.613	0.000
35	30	0.613	0.613	-0.001
50	31	0.613	0.613	0.000
50	32	0.613	0.612	-0.001
50	33	0.613	0.612	-0.001
50	34	0.613	0.612	-0.001
50	35	0.613	0.612	-0.002
55	36	0.614	0.613	-0.001
55	37	0.613	0.613	0.000
55	38	0.613	0.613	-0.001
55	39	0.613	0.613	0.000
55	40	0.613	0.614	0.000
100	41	0.613	0.613	0.000
100	42	0.613	0.612	-0.002
100	43	0.614	0.612	-0.002
100	44	0.613	0.612	-0.001
100	45	0.613	0.613	-0.001
105	46	0.614	0.613	-0.001
105	47	0.614	0.612	-0.002
105	48	0.614	0.612	-0.002
105	49	0.613	0.612	-0.001
105	50	0.614	0.612	-0.001
105	51	0.613	0.611	-0.002
105	52	0.613	0.613	0.000
105	53	0.614	0.613	-0.002
105	54	0.614	0.612	-0.002
105	55	0.613	0.612	-0.002
105	56	0.614	0.611	-0.003
105	57	0.613	0.612	-0.001
105	58	0.613	0.612	-0.001
105	59	0.614	0.613	-0.001
105	60	0.613	0.613	0.000
105	61	0.613	0.612	-0.001
105	62	0.613	0.612	-0.001
105	63	0.613	0.612	-0.001
105	64	0.613	0.612	-0.001
105	65	0.613	0.612	-0.001
105	66	0.614	0.613	-0.001
105	67	0.614	0.612	-0.001
	Max	0.614	0.614	0.002
	Average	0.613	0.613	-0.001
	Min	0.612	0.611	-0.003
	Std Dev	0.000	0.001	0.001



	8.2_VREF_5V	
Test Site		
Tester		
Test Number		
Max Limit	0.615	V
Min Limit	0.609	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609
Min	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.612	0.613	0.612	0.611
Average	0.614	0.613	0.613	0.613	0.614	0.613	0.613	0.612	0.613	0.612	0.612
Max	0.614	0.614	0.614	0.614	0.614	0.613	0.614	0.613	0.614	0.613	0.613
UL	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615

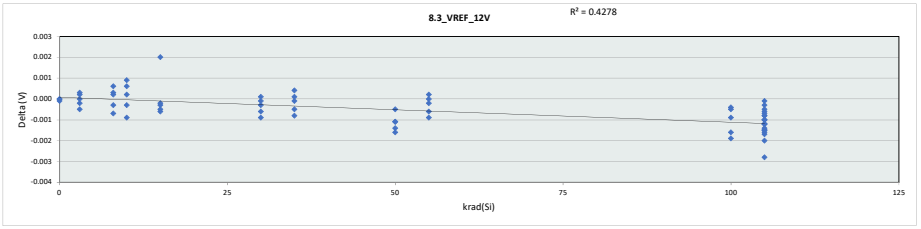


HDR TID Report
TPS7H5001-SP QMLP

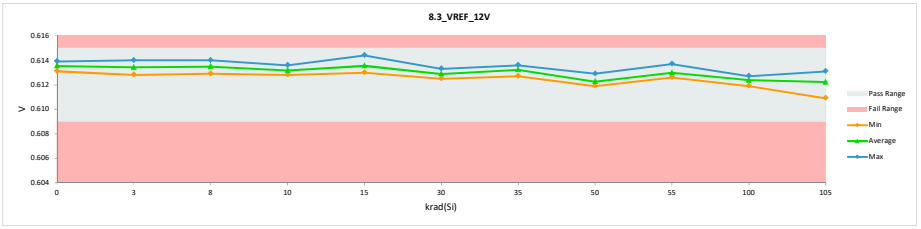
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	8.3_VREF_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.615	0.615
Min Limit	0.611	0.609

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.614	0.614	0.000
0	992	0.614	0.614	0.000
0	993	0.613	0.613	0.000
3	1	0.614	0.614	0.000
3	2	0.613	0.613	-0.001
3	3	0.613	0.613	0.000
3	4	0.614	0.613	0.000
3	5	0.613	0.613	0.000
8	6	0.614	0.614	0.000
8	7	0.614	0.613	-0.001
8	8	0.613	0.614	0.001
8	9	0.613	0.614	0.000
8	10	0.613	0.613	0.000
10	11	0.613	0.613	0.001
10	12	0.614	0.613	-0.001
10	13	0.613	0.613	0.000
10	14	0.613	0.613	0.000
10	15	0.613	0.614	0.001
15	16	0.612	0.614	0.002
15	17	0.613	0.613	-0.001
15	18	0.614	0.613	-0.001
15	19	0.614	0.613	0.000
15	20	0.614	0.614	0.000
30	21	0.613	0.613	0.000
30	22	0.613	0.613	-0.001
30	23	0.613	0.613	0.000
30	24	0.613	0.613	0.000
30	25	0.614	0.613	-0.001
35	26	0.614	0.614	0.000
35	27	0.613	0.613	0.000
35	28	0.614	0.613	-0.001
35	29	0.613	0.613	0.000
35	30	0.613	0.613	-0.001
50	31	0.613	0.613	0.000
50	32	0.613	0.612	-0.001
50	33	0.613	0.612	-0.001
50	34	0.613	0.612	-0.001
50	35	0.613	0.612	-0.002
55	36	0.614	0.613	-0.001
55	37	0.613	0.613	0.000
55	38	0.613	0.613	-0.001
55	39	0.613	0.613	0.000
55	40	0.613	0.614	0.000
100	41	0.613	0.613	0.000
100	42	0.613	0.612	-0.002
100	43	0.614	0.612	-0.002
100	44	0.613	0.612	-0.001
100	45	0.613	0.613	-0.001
105	46	0.614	0.613	-0.001
105	47	0.614	0.612	-0.002
105	48	0.614	0.612	-0.002
105	49	0.613	0.612	-0.001
105	50	0.614	0.612	-0.001
105	51	0.613	0.611	-0.002
105	52	0.613	0.613	0.000
105	53	0.614	0.613	-0.002
105	54	0.614	0.612	-0.002
105	55	0.613	0.612	-0.002
105	56	0.614	0.611	-0.003
105	57	0.613	0.612	-0.001
105	58	0.613	0.612	-0.001
105	59	0.614	0.613	-0.001
105	60	0.613	0.613	0.000
105	61	0.613	0.612	-0.001
105	62	0.613	0.612	-0.001
105	63	0.613	0.612	-0.001
105	64	0.613	0.612	-0.001
105	65	0.613	0.612	-0.001
105	66	0.614	0.613	-0.001
105	67	0.614	0.612	-0.001
	Max	0.614	0.614	0.002
	Average	0.613	0.613	-0.001
	Min	0.612	0.611	-0.003
	Std Dev	0.000	0.001	0.001



	8.3_VREF_12V										
Test Site											
Tester											
Test Number											
Max Limit	0.615	V									
Min Limit	0.609	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609
Min	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.612	0.613	0.612	0.611
Average	0.614	0.613	0.613	0.613	0.614	0.613	0.613	0.612	0.613	0.612	0.612
Max	0.614	0.614	0.614	0.614	0.614	0.613	0.614	0.613	0.614	0.613	0.613
UL	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615

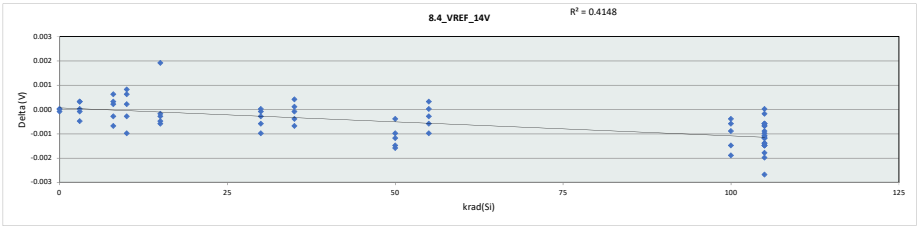


HDR TID Report
TPS7H5001-SP QMLP

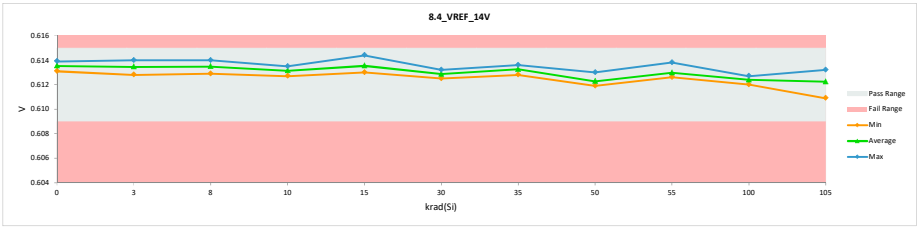
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	8.4_VREF_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.615	0.615
Min Limit	0.611	0.609

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.614	0.614	0.000
0	992	0.614	0.614	0.000
0	993	0.613	0.613	0.000
3	1	0.614	0.614	0.000
3	2	0.613	0.613	-0.001
3	3	0.613	0.613	0.000
3	4	0.614	0.613	0.000
3	5	0.613	0.613	0.000
8	6	0.614	0.614	0.000
8	7	0.614	0.613	-0.001
8	8	0.613	0.614	0.001
8	9	0.613	0.614	0.000
8	10	0.613	0.613	0.000
10	11	0.613	0.613	0.001
10	12	0.614	0.613	-0.001
10	13	0.613	0.613	0.000
10	14	0.613	0.613	0.000
10	15	0.613	0.613	0.001
15	16	0.613	0.614	0.002
15	17	0.613	0.613	-0.001
15	18	0.614	0.613	-0.001
15	19	0.614	0.613	0.000
15	20	0.614	0.614	0.000
30	21	0.613	0.613	0.000
30	22	0.613	0.613	-0.001
30	23	0.613	0.613	0.000
30	24	0.613	0.613	0.000
30	25	0.614	0.613	-0.001
35	26	0.614	0.614	0.000
35	27	0.613	0.613	0.000
35	28	0.614	0.613	-0.001
35	29	0.613	0.613	0.000
35	30	0.613	0.613	0.000
50	31	0.613	0.613	0.000
50	32	0.613	0.612	-0.001
50	33	0.613	0.612	-0.001
50	34	0.613	0.612	-0.002
50	35	0.613	0.612	-0.002
55	36	0.614	0.613	-0.001
55	37	0.613	0.613	0.000
55	38	0.613	0.613	-0.001
55	39	0.613	0.613	0.000
55	40	0.613	0.614	0.000
100	41	0.613	0.613	0.000
100	42	0.613	0.612	-0.002
100	43	0.614	0.612	-0.002
100	44	0.613	0.612	-0.001
100	45	0.613	0.613	-0.001
105	46	0.614	0.613	-0.001
105	47	0.614	0.612	-0.001
105	48	0.614	0.612	-0.002
105	49	0.613	0.612	-0.001
105	50	0.614	0.612	-0.001
105	51	0.613	0.611	-0.002
105	52	0.613	0.613	0.000
105	53	0.614	0.613	-0.001
105	54	0.614	0.612	-0.002
105	55	0.613	0.612	-0.002
105	56	0.614	0.611	-0.003
105	57	0.613	0.613	-0.001
105	58	0.613	0.612	-0.001
105	59	0.614	0.613	-0.001
105	60	0.613	0.613	0.000
105	61	0.613	0.612	-0.001
105	62	0.613	0.612	-0.001
105	63	0.613	0.612	-0.001
105	64	0.613	0.612	-0.001
105	65	0.613	0.612	-0.001
105	66	0.614	0.613	-0.001
105	67	0.614	0.612	-0.001
	Max	0.614	0.614	0.002
	Average	0.613	0.613	-0.001
	Min	0.613	0.611	-0.003
	Std Dev	0.000	0.001	0.001



	8.4_VREF_14V										
Test Site											
Tester											
Test Number											
Max Limit	0.615	V									
Min Limit	0.609	V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609	0.609
Min	0.613	0.613	0.613	0.613	0.613	0.613	0.613	0.612	0.613	0.612	0.611
Average	0.614	0.613	0.613	0.613	0.614	0.613	0.613	0.612	0.613	0.612	0.612
Max	0.614	0.614	0.614	0.614	0.614	0.613	0.614	0.613	0.614	0.613	0.613
UL	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615

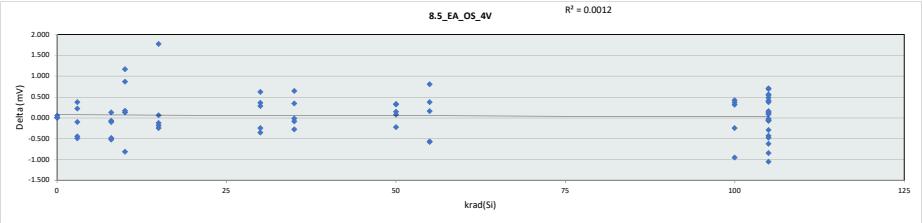


HDR TID Report
TPS7H5001-SP QMLP

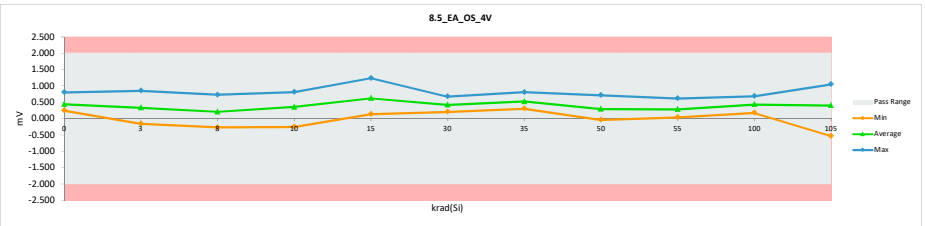
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	8.5_EA_OS_4V	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	1.9	2
Min Limit	-1.8	-2

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.754	0.797	0.043
0	992	0.292	0.284	-0.008
0	993	0.243	0.240	-0.003
3	1	0.478	0.846	0.368
3	2	0.295	-0.158	-0.453
3	3	0.216	0.430	0.213
3	4	0.515	0.409	-0.106
3	5	0.619	0.118	-0.502
8	6	0.748	0.258	-0.490
8	7	0.256	-0.273	-0.529
8	8	0.610	0.501	-0.108
8	9	0.606	0.726	0.120
8	10	-0.111	-0.191	-0.080
10	11	-0.055	0.805	0.860
10	12	0.567	-0.256	-0.823
10	13	0.301	0.459	0.158
10	14	0.053	0.175	0.122
10	15	-0.570	0.584	1.153
15	16	-0.530	1.235	1.764
15	17	0.332	0.134	-0.197
15	18	0.569	0.439	-0.129
15	19	0.700	0.751	0.051
15	20	0.801	0.547	-0.255
30	21	0.387	0.665	0.278
30	22	0.542	0.284	-0.257
30	23	0.063	0.676	0.613
30	24	-0.150	0.201	0.351
30	25	0.611	0.249	-0.362
35	26	0.898	0.804	-0.094
35	27	0.107	0.441	0.333
35	28	0.859	0.573	-0.286
35	29	-0.151	0.485	0.636
35	30	0.327	0.300	-0.027
50	31	0.403	0.712	0.309
50	32	0.028	0.350	0.322
50	33	0.175	0.309	0.134
50	34	-0.105	-0.041	0.064
50	35	0.338	0.103	-0.235
55	36	0.633	0.058	-0.575
55	37	-0.334	0.031	0.365
55	38	0.751	0.163	-0.588
55	39	-0.184	0.613	0.797
55	40	0.392	0.543	0.152
100	41	0.101	0.460	0.360
100	42	0.588	0.330	-0.257
100	43	1.136	0.173	-0.962
100	44	0.066	0.479	0.413
100	45	0.371	0.678	0.308
105	46	0.749	0.826	0.077
105	47	0.627	0.329	-0.298
105	48	0.672	0.636	-0.036
105	49	0.244	0.643	0.399
105	50	0.682	0.052	-0.630
105	51	0.118	0.058	-0.059
105	52	0.206	0.759	0.552
105	53	0.807	0.371	-0.436
105	54	0.428	-0.059	-0.487
105	55	0.522	-0.330	-0.852
105	56	0.519	-0.540	-1.059
105	57	0.275	0.383	0.107
105	58	0.607	0.529	-0.078
105	59	0.387	0.753	0.366
105	60	0.234	0.930	0.697
105	61	0.004	0.479	0.474
105	62	0.001	0.537	0.536
105	63	0.138	0.266	0.128
105	64	-0.146	0.006	0.152
105	65	0.054	0.738	0.684
105	66	0.641	1.041	0.400
105	67	0.388	0.311	-0.077
	Max	1.136	1.235	1.764
	Average	0.339	0.389	0.050
	Min	-0.570	-0.540	-1.059
	Std Dev	0.344	0.343	0.491



	8.5_EA_OS_4V										
Test Site											
Tester											
Test Number											
Max Limit	2	mV									
Min Limit	-2	mV									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	0.240	-0.158	-0.273	-0.256	0.135	0.202	0.300	-0.041	0.031	0.173	-0.540
Average	0.440	0.329	0.204	0.353	0.621	0.415	0.520	0.287	0.282	0.424	0.396
Max	0.797	0.846	0.726	0.806	1.235	0.676	0.804	0.712	0.613	0.678	1.041
UL	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000

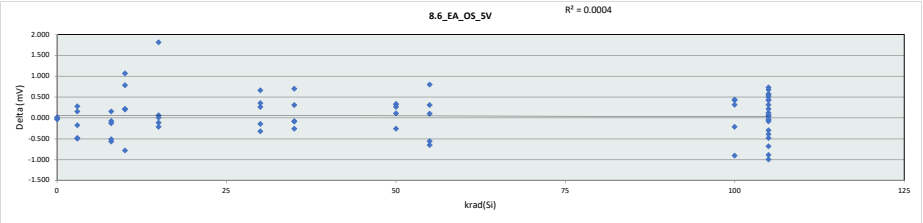


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

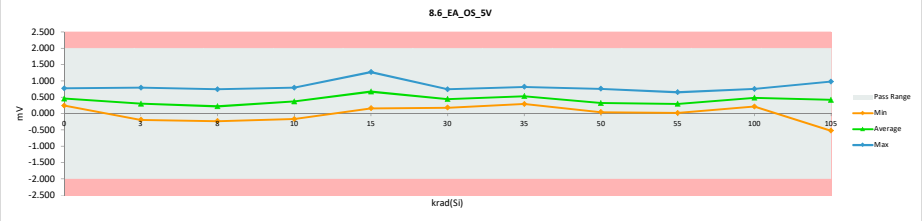
	8.6_EA_OS_5V	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	1.9	2
Min Limit	-1.8	-2

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.812	0.773	-0.039
0	992	0.344	0.350	0.006
0	993	0.288	0.246	-0.042
3	1	0.523	0.793	0.270
3	2	0.299	-0.194	-0.493
3	3	0.239	0.384	0.145
3	4	0.577	0.390	-0.187
3	5	0.649	0.141	-0.508
8	6	0.820	0.294	-0.527
8	7	0.345	-0.229	-0.574
8	8	0.571	0.481	-0.090
8	9	0.603	0.744	0.141
8	10	-0.036	-0.180	-0.144
10	11	0.017	0.792	0.775
10	12	0.621	-0.169	-0.790
10	13	0.259	0.464	0.204
10	14	0.047	0.233	0.186
10	15	-0.517	0.542	1.059
15	16	-0.529	1.269	1.797
15	17	0.284	0.163	-0.121
15	18	0.506	0.502	-0.003
15	19	0.747	0.799	0.052
15	20	0.855	0.633	-0.222
30	21	0.425	0.674	0.250
30	22	0.492	0.336	-0.156
30	23	0.094	0.742	0.648
30	24	-0.161	0.180	0.340
30	25	0.631	0.297	-0.334
35	26	0.915	0.818	-0.097
35	27	0.111	0.410	0.300
35	28	0.881	0.614	-0.267
35	29	-0.164	0.521	0.685
35	30	0.386	0.294	-0.091
50	31	0.439	0.757	0.318
50	32	0.053	0.366	0.313
50	33	0.111	0.360	0.249
50	34	-0.056	0.041	0.097
50	35	0.349	0.080	-0.269
55	36	0.701	0.040	-0.662
55	37	-0.282	0.018	0.300
55	38	0.780	0.208	-0.572
55	39	-0.131	0.654	0.785
55	40	0.482	0.572	0.090
100	41	0.109	0.533	0.424
100	42	0.600	0.378	-0.222
100	43	1.128	0.216	-0.912
100	44	0.130	0.544	0.414
100	45	0.447	0.753	0.305
105	46	0.733	0.791	0.059
105	47	0.669	0.362	-0.307
105	48	0.675	0.707	0.032
105	49	0.284	0.706	0.422
105	50	0.750	0.054	-0.696
105	51	0.171	0.080	-0.091
105	52	0.244	0.806	0.562
105	53	0.845	0.441	-0.404
105	54	0.463	-0.033	-0.495
105	55	0.568	-0.331	-0.900
105	56	0.484	-0.524	-1.009
105	57	0.306	0.346	0.040
105	58	0.589	0.549	-0.040
105	59	0.364	0.775	0.411
105	60	0.281	0.943	0.662
105	61	0.012	0.545	0.534
105	62	0.067	0.552	0.485
105	63	0.187	0.302	0.115
105	64	-0.149	0.052	0.201
105	65	0.052	0.771	0.718
105	66	0.672	0.979	0.307
105	67	0.384	0.317	-0.066
	Max	1.128	1.269	1.797
	Average	0.364	0.412	0.048
	Min	-0.529	-0.524	-1.009
	Std Dev	0.344	0.342	0.489



	8.6_EA_OS_5V	
Test Site		
Tester		
Test Number		
Max Limit	2	mV
Min Limit	-2	mV

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	0.246	-0.194	-0.229	-0.169	0.163	0.180	0.294	0.041	0.018	0.216	-0.524
Average	0.457	0.303	0.222	0.373	0.673	0.446	0.532	0.321	0.298	0.485	0.418
Max	0.773	0.793	0.744	0.792	1.269	0.742	0.818	0.757	0.654	0.753	0.979
UL	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000

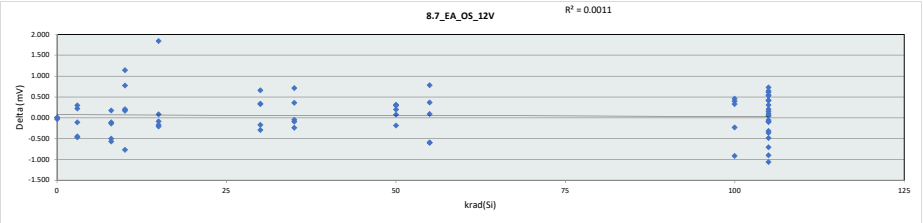


HDR TID Report
TPS7H5001-SP QMLP

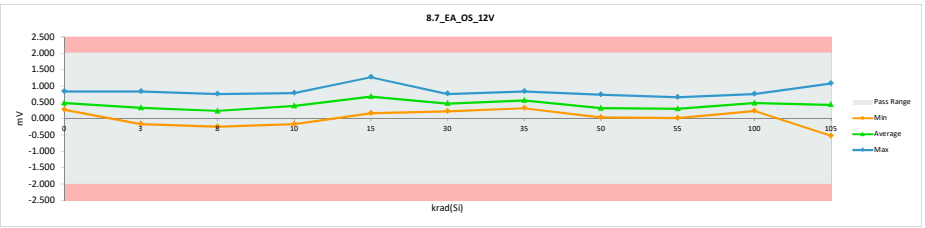
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	8.7_EA_OS_12V	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	1.9	2
Min Limit	-1.8	-2

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.833	0.831	-0.001
0	992	0.346	0.341	-0.005
0	993	0.305	0.268	-0.037
3	1	0.538	0.830	0.292
3	2	0.307	-0.167	-0.474
3	3	0.223	0.434	0.212
3	4	0.521	0.406	-0.115
3	5	0.616	0.163	-0.453
8	6	0.823	0.317	-0.506
8	7	0.331	-0.243	-0.574
8	8	0.627	0.512	-0.116
8	9	0.589	0.755	0.166
8	10	-0.014	-0.163	-0.149
10	11	0.017	0.779	0.761
10	12	0.607	-0.173	-0.780
10	13	0.309	0.465	0.156
10	14	0.030	0.227	0.197
10	15	-0.502	0.632	1.134
15	16	-0.565	1.266	1.831
15	17	0.342	0.160	-0.182
15	18	0.585	0.488	-0.097
15	19	0.739	0.815	0.076
15	20	0.847	0.629	-0.219
30	21	0.387	0.704	0.317
30	22	0.513	0.331	-0.182
30	23	0.105	0.756	0.651
30	24	-0.107	0.221	0.328
30	25	0.603	0.299	-0.304
35	26	0.925	0.825	-0.100
35	27	0.128	0.481	0.353
35	28	0.877	0.628	-0.249
35	29	-0.178	0.527	0.705
35	30	0.375	0.315	-0.059
50	31	0.451	0.736	0.285
50	32	0.065	0.372	0.307
50	33	0.141	0.327	0.186
50	34	-0.030	0.040	0.070
50	35	0.335	0.141	-0.194
55	36	0.674	0.068	-0.606
55	37	-0.341	0.019	0.360
55	38	0.804	0.203	-0.601
55	39	-0.119	0.652	0.771
55	40	0.491	0.577	0.085
100	41	0.086	0.540	0.454
100	42	0.577	0.335	-0.241
100	43	1.155	0.234	-0.921
100	44	0.158	0.547	0.389
100	45	0.434	0.750	0.316
105	46	0.744	0.787	0.043
105	47	0.676	0.352	-0.324
105	48	0.675	0.711	0.036
105	49	0.294	0.706	0.412
105	50	0.747	0.035	-0.712
105	51	0.180	0.069	-0.111
105	52	0.235	0.839	0.604
105	53	0.812	0.442	-0.370
105	54	0.477	-0.018	-0.495
105	55	0.575	-0.334	-0.908
105	56	0.538	-0.530	-1.068
105	57	0.296	0.387	0.091
105	58	0.628	0.564	-0.064
105	59	0.433	0.733	0.300
105	60	0.290	0.927	0.637
105	61	0.002	0.521	0.520
105	62	0.061	0.597	0.536
105	63	0.170	0.313	0.144
105	64	-0.141	0.053	0.194
105	65	0.059	0.775	0.716
105	66	0.672	1.078	0.406
105	67	0.402	0.301	-0.102
	Max	1.155	1.266	1.831
	Average	0.368	0.421	0.053
	Min	-0.565	-0.530	-1.068
	Std Dev	0.345	0.345	0.494



	8.7_EA_OS_12V										
Test Site											
Tester											
Test Number											
Max Limit	2	mV									
Min Limit	-2	mV									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	0.268	-0.167	-0.243	-0.173	0.160	0.221	0.315	0.040	0.019	0.234	-0.530
Average	0.480	0.333	0.236	0.386	0.672	0.462	0.555	0.323	0.304	0.481	0.423
Max	0.832	0.830	0.755	0.779	1.266	0.756	0.825	0.736	0.652	0.750	1.078
UL	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000

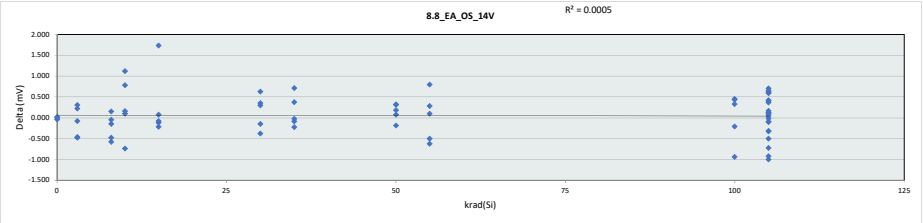


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

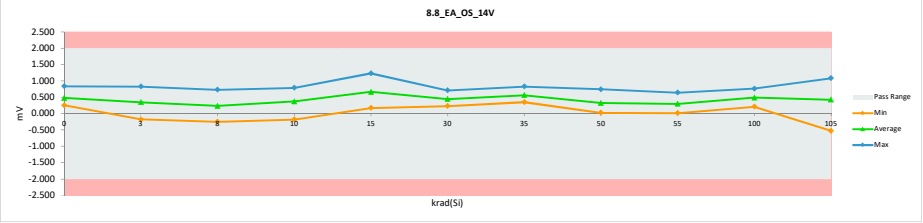
	8.8_EA_OS_14V	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	1.9	2
Min Limit	-1.8	-2

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.827	0.840	0.012
0	992	0.355	0.347	-0.007
0	993	0.303	0.256	-0.047
3	1	0.526	0.824	0.298
3	2	0.290	-0.177	-0.468
3	3	0.237	0.453	0.216
3	4	0.567	0.481	-0.086
3	5	0.631	0.144	-0.487
8	6	0.797	0.309	-0.488
8	7	0.338	-0.249	-0.586
8	8	0.618	0.559	-0.059
8	9	0.589	0.732	0.143
8	10	-0.017	-0.169	-0.153
10	11	0.018	0.791	0.773
10	12	0.565	-0.180	-0.746
10	13	0.334	0.425	0.091
10	14	0.075	0.223	0.148
10	15	-0.515	0.592	1.106
15	16	-0.491	1.229	1.721
15	17	0.301	0.173	-0.127
15	18	0.585	0.502	-0.083
15	19	0.734	0.800	0.066
15	20	0.849	0.625	-0.224
30	21	0.367	0.655	0.288
30	22	0.500	0.341	-0.159
30	23	0.089	0.710	0.621
30	24	-0.108	0.232	0.340
30	25	0.665	0.278	-0.386
35	26	0.926	0.829	-0.097
35	27	0.117	0.484	0.367
35	28	0.851	0.618	-0.233
35	29	-0.163	0.543	0.706
35	30	0.382	0.349	-0.033
50	31	0.430	0.744	0.314
50	32	0.060	0.366	0.306
50	33	0.182	0.359	0.177
50	34	-0.045	0.023	0.068
50	35	0.316	0.122	-0.194
55	36	0.685	0.052	-0.632
55	37	-0.261	0.017	0.278
55	38	0.720	0.208	-0.512
55	39	-0.150	0.638	0.788
55	40	0.502	0.589	0.087
100	41	0.099	0.524	0.424
100	42	0.602	0.385	-0.217
100	43	1.154	0.212	-0.942
100	44	0.118	0.558	0.440
100	45	0.445	0.765	0.320
105	46	0.770	0.849	0.079
105	47	0.687	0.353	-0.334
105	48	0.675	0.713	0.038
105	49	0.292	0.704	0.412
105	50	0.759	0.026	-0.732
105	51	0.176	0.073	-0.103
105	52	0.217	0.828	0.611
105	53	0.757	0.432	-0.324
105	54	0.482	-0.025	-0.507
105	55	0.543	-0.385	-0.928
105	56	0.475	-0.530	-1.006
105	57	0.303	0.411	0.108
105	58	0.586	0.561	-0.025
105	59	0.411	0.769	0.358
105	60	0.280	0.922	0.642
105	61	-0.052	0.527	0.578
105	62	-0.028	0.565	0.594
105	63	0.201	0.314	0.113
105	64	-0.095	0.066	0.161
105	65	0.063	0.757	0.694
105	66	0.686	1.081	0.395
105	67	0.401	0.291	-0.110
	Max	1.154	1.229	1.721
	Average	0.366	0.420	0.055
	Min	-0.515	-0.530	-1.006
	Std Dev	0.339	0.347	0.487



	8.8_EA_OS_14V	
Test Site		
Tester		
Test Number		
Max Limit	2	mV
Min Limit	-2	mV

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	0.256	-0.177	-0.249	-0.180	0.173	0.232	0.349	0.023	0.017	0.212	-0.530
Average	0.481	0.345	0.236	0.370	0.666	0.443	0.564	0.323	0.301	0.489	0.423
Max	0.840	0.824	0.732	0.791	1.229	0.710	0.829	0.744	0.638	0.765	1.081
UL	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000

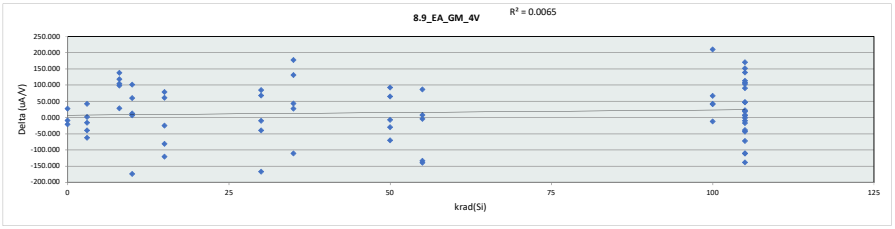


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

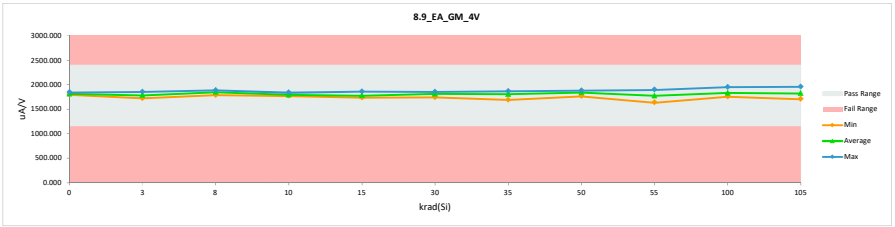
	8.9_EA_GM_4V	
Test Site		
Tester		
Test Number		
Unit	uA/V	uA/V
Max Limit	2450	2400
Min Limit	1200	1150

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1814.724	1840.556	25.832
0	992	1816.335	1806.060	-10.275
0	993	1817.831	1795.661	-22.170
3	1	1784.782	1720.705	-64.077
3	2	1744.256	1784.782	40.526
3	3	1741.513	1741.604	0.091
3	4	1893.206	1852.710	-40.496
3	5	1829.128	1812.235	-16.893
8	6	1755.223	1857.973	102.750
8	7	1727.206	1863.845	136.639
8	8	1733.739	1850.544	116.805
8	9	1758.139	1785.675	27.536
8	10	1788.025	1884.731	96.706
10	11	1708.300	1808.065	99.765
10	12	1763.405	1768.694	5.289
10	13	1767.725	1779.387	11.662
10	14	1778.312	1837.411	59.099
10	15	1949.083	1774.025	-175.058
15	16	1906.784	1784.782	-122.002
15	17	1758.701	1732.280	-26.421
15	18	1816.709	1734.205	-82.504
15	19	1710.721	1770.832	60.111
15	20	1780.822	1857.973	77.151
30	21	1834.839	1823.462	-11.377
30	22	1907.109	1738.860	-168.249
30	23	1768.694	1852.127	83.433
30	24	1842.698	1801.416	-41.282
30	25	1779.387	1846.318	66.931
35	26	1801.145	1689.506	-111.639
35	27	1780.851	1806.663	25.812
35	28	1673.229	1848.953	175.724
35	29	1784.782	1827.106	42.324
35	30	1732.289	1861.880	129.591
50	31	1812.235	1875.723	63.488
50	32	1782.080	1873.011	90.931
50	33	1875.723	1867.216	-8.507
50	34	1860.177	1828.619	-31.558
50	35	1834.618	1763.405	-71.213
55	36	1817.831	1812.235	-5.596
55	37	1887.137	1893.815	6.678
55	38	1809.147	1668.495	-140.652
55	39	1766.311	1631.517	-134.794
55	40	1775.094	1860.115	85.021
100	41	1823.452	1810.387	-13.065
100	42	1711.699	1752.437	40.738
100	43	1785.760	1825.644	39.884
100	44	1740.655	1949.185	208.530
100	45	1745.118	1810.387	65.269
105	46	1768.694	1790.200	21.506
105	47	1816.217	1704.439	-111.778
105	48	1829.108	1817.831	-11.277
105	49	1717.130	1829.118	111.988
105	50	1861.322	1859.033	-2.289
105	51	1818.846	1745.118	-73.728
105	52	1869.765	1758.139	-111.626
105	53	1663.779	1801.145	137.366
105	54	1806.683	1823.452	16.769
105	55	1850.197	1956.013	105.816
105	56	1784.791	1934.821	150.030
105	57	1892.459	1752.904	-139.555
105	58	1862.779	1817.831	-44.948
105	59	1725.243	1731.717	6.474
105	60	1870.756	1830.555	-40.201
105	61	1812.235	1857.973	45.738
105	62	1812.225	1901.273	89.048
105	63	1694.925	1797.036	102.111
105	64	1885.345	1889.762	4.417
105	65	1801.832	1848.067	46.235
105	66	1655.979	1824.870	168.891
105	67	1823.462	1804.827	-18.635
	Max	1949.083	1956.013	208.530
	Average	1795.721	1811.991	16.269
	Min	1655.979	1631.517	-175.058
	Std Dev	61.378	61.738	85.943



	8.9_EA_GM_4V	
Test Site		
Tester		
Test Number		
Max Limit	2400	uA/V
Min Limit	1150	uA/V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000
Min	1795.661	1720.705	1785.675	1768.694	1732.280	1738.860	1689.506	1763.405	1631.517	1752.437	1704.439
Average	1814.092	1782.407	1848.554	1793.516	1776.014	1812.437	1806.822	1841.595	1773.235	1829.608	1821.642
Max	1840.556	1852.710	1884.731	1837.411	1857.973	1852.127	1861.880	1875.723	1893.815	1949.185	1956.013
UL	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000

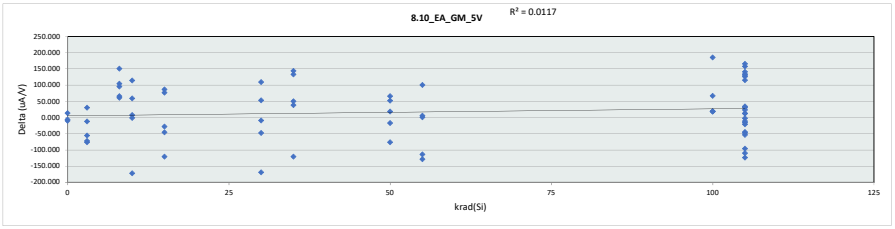


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

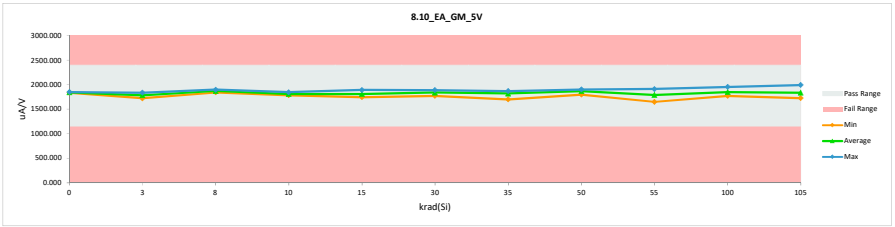
	8.10_EA_GM_5V	
Test Site		
Tester		
Test Number		
Unit	uA/V	uA/V
Max Limit	2450	2400
Min Limit	1200	1150

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1857.973	1847.619	-10.354
0	992	1841.697	1834.819	-6.878
0	993	1827.703	1840.556	12.853
3	1	1795.661	1722.781	-72.880
3	2	1776.702	1806.673	29.971
3	3	1770.963	1758.139	-12.824
3	4	1913.285	1836.737	-76.548
3	5	1857.973	1802.248	-55.725
8	6	1783.700	1878.379	94.679
8	7	1747.718	1898.401	150.683
8	8	1748.000	1852.127	104.127
8	9	1779.887	1840.556	60.669
8	10	1826.688	1891.861	65.173
10	11	1709.893	1824.047	114.154
10	12	1778.293	1785.874	7.581
10	13	1798.673	1796.757	-1.916
10	14	1788.025	1846.328	58.303
10	15	1970.903	1799.078	-171.825
15	16	1937.424	1816.797	-120.627
15	17	1775.480	1747.699	-27.781
15	18	1825.009	1779.387	-45.622
15	19	1728.897	1805.788	76.891
15	20	1805.341	1891.797	86.456
30	21	1856.369	1847.365	-9.004
30	22	1937.424	1768.704	-168.720
30	23	1779.387	1888.093	108.706
30	24	1876.814	1829.118	-47.696
30	25	1810.709	1863.856	53.147
35	26	1817.831	1697.334	-120.497
35	27	1784.772	1834.809	50.037
35	28	1702.242	1845.678	143.436
35	29	1813.175	1851.167	37.992
35	30	1736.745	1869.776	133.031
50	31	1834.819	1899.928	65.109
50	32	1840.556	1891.989	51.433
50	33	1875.723	1893.794	18.071
50	34	1869.765	1852.117	-17.648
50	35	1872.144	1795.661	-76.483
55	36	1829.118	1829.118	0.000
55	37	1906.686	1912.260	5.574
55	38	1812.783	1683.994	-128.789
55	39	1764.156	1649.791	-114.365
55	40	1779.387	1879.537	100.150
100	41	1827.225	1845.425	18.200
100	42	1752.904	1771.355	18.451
100	43	1816.148	1835.772	19.624
100	44	1771.365	1956.732	185.367
100	45	1767.912	1834.819	66.907
105	46	1794.096	1806.673	12.577
105	47	1823.442	1727.197	-96.245
105	48	1844.207	1841.596	-2.611
105	49	1732.289	1847.579	115.290
105	50	1897.306	1875.723	-21.583
105	51	1817.309	1763.619	-53.690
105	52	1897.489	1787.187	-110.302
105	53	1704.041	1834.819	130.778
105	54	1794.451	1817.821	23.370
105	55	1836.898	1993.822	156.924
105	56	1799.107	1939.551	140.444
105	57	1890.497	1766.348	-124.149
105	58	1882.479	1834.819	-47.660
105	59	1749.650	1738.409	-11.241
105	60	1862.666	1846.308	-16.358
105	61	1817.831	1852.127	34.296
105	62	1795.661	1921.624	125.963
105	63	1707.240	1840.556	133.316
105	64	1903.053	1915.382	12.329
105	65	1837.109	1866.800	29.691
105	66	1658.434	1823.452	165.018
105	67	1840.556	1795.661	-44.895
	Max	1970.903	1993.822	185.367
	Average	1813.827	1830.996	17.169
	Min	1658.434	1649.791	-171.825
	Std Dev	61.590	61.892	85.200



	8.10_EA_GM_5V	
Test Site		
Tester		
Test Number		
Max Limit	2400	uA/V
Min Limit	1150	uA/V

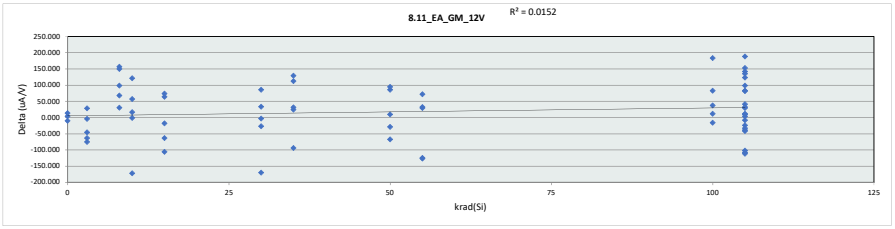
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000
Min	1834.819	1722.781	1840.556	1785.874	1747.699	1768.704	1697.334	1795.661	1649.791	1771.355	1727.197
Average	1840.998	1785.316	1872.265	1810.417	1808.294	1839.427	1819.753	1866.698	1790.940	1848.821	1838.049
Max	1847.619	1836.737	1898.401	1846.328	1891.797	1888.093	1869.776	1899.928	1912.260	1956.732	1993.822
UL	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000



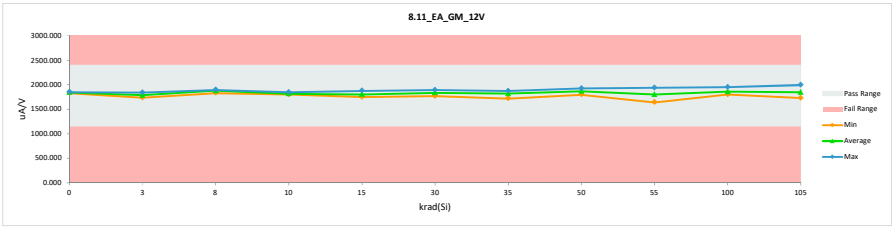
HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	8.11_EA_GM_12V		
Test Site			
Tester			
Test Number			
Unit	uA/V	uA/V	
Max Limit	2450	2400	
Min Limit	1200	1150	
krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1833.555	1845.678	12.123
0	992	1845.841	1848.230	2.389
0	993	1840.556	1829.118	-11.438
3	1	1811.237	1734.608	-76.629
3	2	1763.415	1790.200	26.785
3	3	1774.025	1768.704	-5.321
3	4	1903.355	1838.246	-65.109
3	5	1846.328	1799.580	-46.748
8	6	1789.522	1886.384	96.862
8	7	1737.392	1892.470	155.078
8	8	1745.808	1893.815	148.007
8	9	1799.937	1829.118	29.181
8	10	1822.254	1888.518	66.264
10	11	1703.591	1823.115	119.524
10	12	1785.988	1801.155	15.167
10	13	1809.206	1806.683	-2.523
10	14	1788.644	1844.015	55.371
10	15	1975.696	1803.071	-172.625
15	16	1931.079	1823.977	-107.102
15	17	1767.176	1747.709	-19.467
15	18	1825.823	1761.138	-64.685
15	19	1725.527	1798.413	72.886
15	20	1813.351	1875.723	62.372
30	21	1851.545	1847.274	-4.271
30	22	1937.424	1766.571	-170.853
30	23	1808.065	1892.608	84.543
30	24	1852.127	1824.473	-27.654
30	25	1817.821	1850.197	32.376
35	26	1812.235	1717.130	-95.105
35	27	1800.652	1823.452	22.800
35	28	1726.291	1854.061	127.770
35	29	1804.827	1834.819	29.992
35	30	1759.208	1869.776	110.568
50	31	1840.556	1924.765	84.209
50	32	1802.258	1895.334	93.076
50	33	1865.825	1874.382	8.557
50	34	1875.723	1846.085	-29.638
50	35	1863.762	1795.661	-68.101
55	36	1817.831	1846.318	28.487
55	37	1906.632	1937.424	30.792
55	38	1821.917	1693.856	-128.061
55	39	1764.992	1638.784	-126.208
55	40	1812.235	1882.912	70.677
100	41	1865.825	1848.841	-16.984
100	42	1763.405	1799.310	35.905
100	43	1836.446	1847.253	10.807
100	44	1768.107	1950.249	182.142
100	45	1759.448	1840.556	81.108
105	46	1799.435	1807.909	8.474
105	47	1841.081	1728.469	-112.612
105	48	1856.195	1846.318	-9.877
105	49	1742.535	1839.910	97.375
105	50	1875.723	1841.374	-34.349
105	51	1829.128	1788.730	-40.398
105	52	1880.074	1776.702	-103.372
105	53	1712.642	1846.328	133.686
105	54	1812.245	1843.437	31.192
105	55	1842.962	1994.261	151.299
105	56	1797.036	1937.424	140.388
105	57	1877.707	1768.704	-109.003
105	58	1883.218	1840.545	-42.673
105	59	1737.401	1777.784	40.383
105	60	1869.765	1844.745	-25.020
105	61	1812.235	1893.815	81.580
105	62	1831.564	1912.249	80.685
105	63	1707.188	1829.118	121.930
105	64	1911.520	1921.624	10.104
105	65	1826.201	1854.307	28.106
105	66	1660.642	1847.477	186.835
105	67	1834.819	1837.351	2.532
	Max	1975.696	1994.261	186.835
	Average	1815.940	1834.433	18.494
	Min	1660.642	1638.784	-172.625
	Std Dev	59.184	60.693	83.295



	8.11_EA_GM_12V										
Test Site											
Tester											
Test Number											
Max Limit	2400	uA/V									
Min Limit	1150	uA/V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000
Min	1829.118	1734.608	1829.118	1801.155	1747.709	1766.571	1717.130	1795.661	1638.784	1799.310	1728.469
Average	1841.009	1786.268	1878.061	1815.608	1801.392	1836.225	1819.848	1867.245	1799.859	1857.242	1844.481
Max	1848.230	1838.246	1893.815	1844.015	1875.723	1892.608	1869.776	1924.765	1937.424	1950.249	1994.261
UL	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000

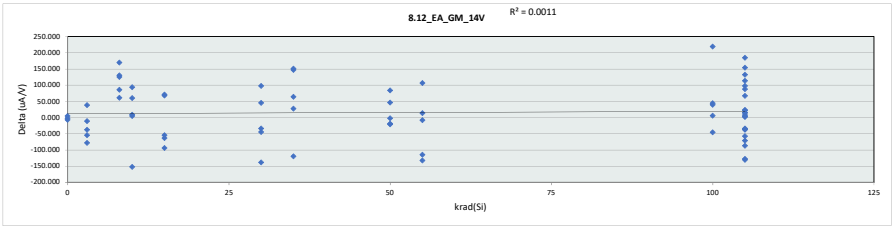


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

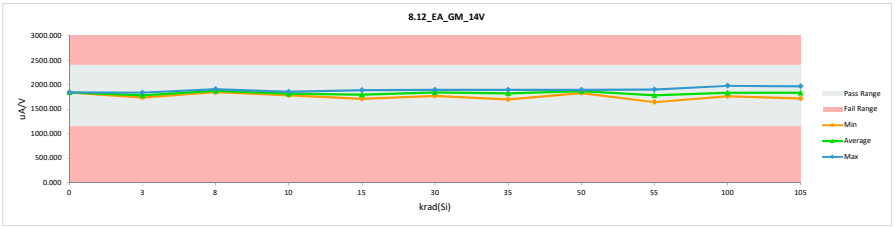
	8.12_EA_GM_14V	
Test Site		
Tester		
Test Number		
Unit	uA/V	uA/V
Max Limit	2450	2400
Min Limit	1200	1150

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1846.328	1843.417	-2.911
0	992	1847.965	1840.556	-7.409
0	993	1839.395	1843.762	4.367
3	1	1794.019	1739.662	-54.357
3	2	1749.075	1786.587	37.512
3	3	1775.808	1737.392	-38.416
3	4	1918.481	1839.980	-78.501
3	5	1834.819	1823.868	-10.951
8	6	1758.139	1887.541	129.402
8	7	1737.392	1906.079	168.687
8	8	1738.680	1863.845	125.165
8	9	1785.979	1846.328	60.349
8	10	1792.916	1878.558	85.642
10	11	1727.677	1821.205	93.528
10	12	1780.369	1784.772	4.403
10	13	1803.565	1812.245	8.680
10	14	1794.287	1853.887	59.600
10	15	1977.909	1825.346	-152.563
15	16	1912.064	1817.792	-94.272
15	17	1764.370	1709.928	-54.442
15	18	1829.626	1765.670	-63.956
15	19	1732.280	1799.464	67.184
15	20	1815.952	1886.405	70.453
30	21	1879.705	1845.181	-34.524
30	22	1910.192	1772.085	-138.107
30	23	1796.574	1893.815	97.241
30	24	1866.468	1821.986	-44.482
30	25	1834.237	1878.716	44.479
35	26	1817.831	1698.314	-119.517
35	27	1810.651	1837.361	26.710
35	28	1702.242	1848.434	146.192
35	29	1784.962	1848.515	63.553
35	30	1743.468	1893.826	150.358
50	31	1848.444	1893.815	45.371
50	32	1796.208	1879.726	83.518
50	33	1893.815	1874.225	-19.590
50	34	1862.542	1859.940	-2.602
50	35	1854.072	1832.924	-21.148
55	36	1812.245	1804.157	-8.088
55	37	1891.765	1904.857	13.092
55	38	1830.375	1697.326	-133.049
55	39	1760.232	1645.188	-115.044
55	40	1779.387	1885.727	106.340
100	41	1865.825	1820.079	-45.746
100	42	1723.985	1763.072	39.087
100	43	1829.118	1834.819	5.701
100	44	1759.310	1977.920	218.610
100	45	1759.005	1802.751	43.746
105	46	1807.919	1831.024	23.105
105	47	1851.391	1720.334	-131.057
105	48	1844.633	1852.127	7.494
105	49	1752.913	1839.930	87.017
105	50	1899.928	1861.870	-38.058
105	51	1825.337	1767.511	-57.826
105	52	1875.723	1788.168	-87.555
105	53	1702.251	1799.773	97.522
105	54	1807.286	1821.393	14.107
105	55	1838.257	1969.816	131.559
105	56	1806.673	1959.932	153.259
105	57	1885.949	1758.139	-127.810
105	58	1868.755	1832.914	-35.841
105	59	1743.395	1746.653	3.258
105	60	1881.708	1847.762	-33.946
105	61	1836.456	1857.973	21.517
105	62	1852.127	1918.492	66.365
105	63	1717.147	1830.165	113.018
105	64	1914.137	1915.426	1.289
105	65	1821.838	1836.245	14.407
105	66	1653.164	1836.717	183.553
105	67	1857.973	1786.587	-71.386
	Max	1977.909	1977.920	218.610
	Average	1814.496	1830.114	15.618
	Min	1653.164	1645.188	-152.563
	Std Dev	61.775	63.129	84.629



	8.12_EA_GM_14V	
Test Site		
Tester		
Test Number		
Max Limit	2400	uA/V
Min Limit	1150	uA/V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000
Min	1840.556	1737.392	1846.328	1784.772	1709.928	1772.085	1698.314	1832.924	1645.188	1763.072	1720.334
Average	1842.578	1785.498	1876.470	1819.491	1795.852	1842.357	1825.290	1868.126	1787.451	1839.728	1835.407
Max	1843.762	1839.980	1906.079	1853.887	1886.405	1893.815	1893.826	1893.815	1904.857	1977.920	1969.816
UL	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000

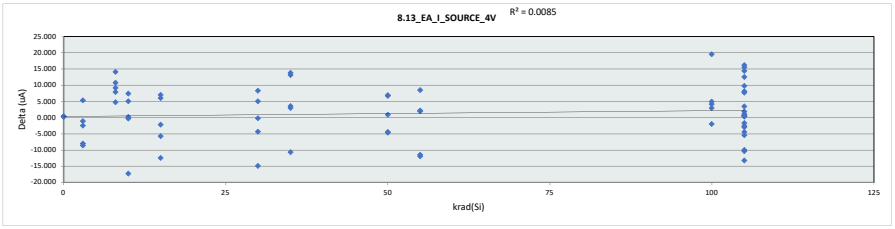


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

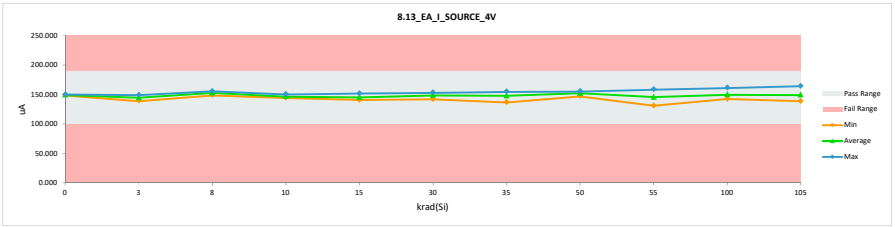
	8.13_EA_I_SOURCE_4V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	185	190
Min Limit	105	100

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	148.310	148.517	0.207
0	992	149.716	150.003	0.287
0	993	148.561	148.619	0.058
3	1	147.100	138.914	-8.186
3	2	141.143	146.350	5.207
3	3	143.518	140.931	-2.587
3	4	157.625	148.888	-8.737
3	5	149.099	147.845	-1.254
8	6	144.371	153.344	8.973
8	7	140.855	154.830	13.975
8	8	141.053	151.687	10.634
8	9	144.023	148.584	4.561
8	10	147.731	155.450	7.719
10	11	139.692	146.891	7.199
10	12	144.246	144.309	0.063
10	13	145.766	145.342	-0.424
10	14	145.245	150.156	4.911
10	15	162.560	145.199	-17.361
15	16	158.532	145.963	-12.569
15	17	143.026	140.716	-2.310
15	18	148.561	142.714	-5.847
15	19	139.038	144.908	5.870
15	20	144.740	151.547	6.807
30	21	149.648	149.321	-0.327
30	22	156.910	141.872	-15.038
30	23	144.988	153.100	8.112
30	24	152.738	148.211	-4.527
30	25	146.525	151.424	4.899
35	26	147.632	136.813	-10.819
35	27	145.371	148.771	3.400
35	28	136.909	149.850	12.941
35	29	146.345	149.163	2.818
35	30	141.078	154.730	13.652
50	31	148.791	155.300	6.509
50	32	147.807	154.559	6.752
50	33	153.601	154.332	0.731
50	34	154.292	149.738	-4.554
50	35	151.734	146.941	-4.793
55	36	148.123	149.918	1.795
55	37	156.302	158.348	2.046
55	38	147.711	136.167	-11.544
55	39	143.095	130.990	-12.105
55	40	144.084	152.410	8.326
100	41	150.943	148.847	-2.096
100	42	139.545	142.369	2.824
100	43	145.456	149.415	3.959
100	44	141.792	161.152	19.360
100	45	142.284	147.037	4.753
105	46	145.215	145.795	0.580
105	47	148.680	138.558	-10.122
105	48	150.611	148.754	-1.857
105	49	140.973	148.877	7.904
105	50	151.930	152.241	0.311
105	51	149.446	143.861	-5.585
105	52	154.901	144.378	-10.523
105	53	135.725	148.078	12.353
105	54	147.141	148.913	1.772
105	55	149.936	164.214	14.278
105	56	146.212	161.526	15.314
105	57	155.358	142.016	-13.342
105	58	152.370	147.825	-4.545
105	59	141.047	141.192	0.145
105	60	152.766	149.665	-3.101
105	61	147.819	151.147	3.328
105	62	149.123	156.640	7.517
105	63	137.966	147.584	9.618
105	64	156.862	157.288	0.426
105	65	148.972	149.930	0.958
105	66	132.638	148.689	16.051
105	67	149.486	146.804	-2.682
	Max	162.560	164.214	19.360
	Average	147.191	148.521	1.330
	Min	132.638	130.990	-17.361
	Std Dev	5.752	5.924	8.040



	8.13_EA_I_SOURCE_4V	
Test Site		
Tester		
Test Number		
Max Limit	190	uA
Min Limit	100	uA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	148.517	138.914	148.584	144.309	140.716	141.872	136.813	146.941	130.990	142.369	138.558
Average	149.046	144.586	152.779	146.379	145.170	148.786	147.865	152.174	145.567	149.764	149.272
Max	150.003	148.888	155.450	150.156	151.547	153.100	154.730	155.300	158.348	161.152	164.214
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000

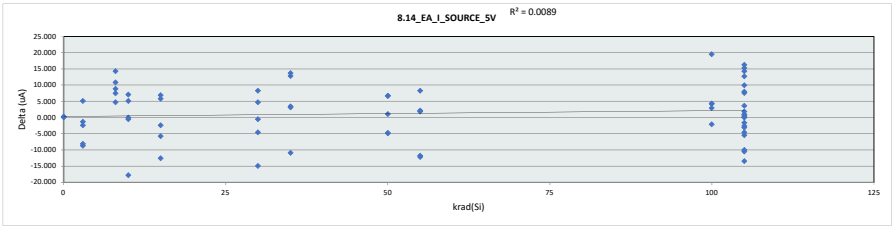


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

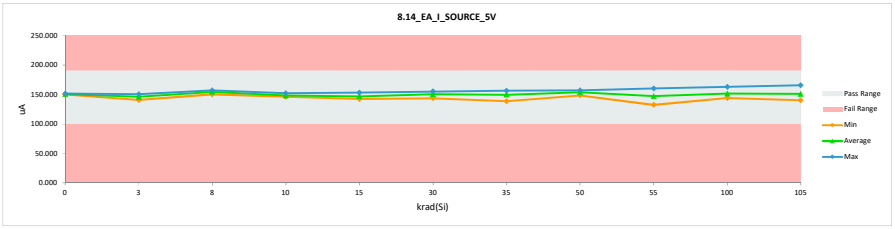
	8.14_EA_I_SOURCE_5V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	185	190
Min Limit	105	100

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	149.928	150.036	0.108
0	992	151.375	151.667	0.292
0	993	150.173	150.266	0.093
3	1	148.783	140.680	-8.103
3	2	142.791	147.885	5.094
3	3	145.080	142.682	-2.398
3	4	159.268	150.519	-8.749
3	5	150.775	149.469	-1.306
8	6	146.089	154.960	8.871
8	7	142.489	156.759	14.270
8	8	142.625	153.449	10.824
8	9	145.650	150.320	4.670
8	10	149.581	157.061	7.480
10	11	141.414	148.504	7.090
10	12	146.038	146.028	-0.010
10	13	147.562	147.062	-0.500
10	14	146.913	151.993	5.080
10	15	164.617	146.853	-17.764
15	16	160.280	147.738	-12.542
15	17	144.751	142.315	-2.436
15	18	150.160	144.380	-5.780
15	19	140.735	146.497	5.762
15	20	146.515	153.343	6.828
30	21	151.495	150.964	-0.531
30	22	158.511	143.580	-14.931
30	23	146.751	155.025	8.274
30	24	154.302	149.731	-4.571
30	25	148.120	152.834	4.714
35	26	149.304	138.364	-10.940
35	27	147.058	150.412	3.354
35	28	138.701	151.493	12.792
35	29	147.956	151.074	3.118
35	30	142.841	156.510	13.669
50	31	150.415	157.082	6.667
50	32	149.532	156.214	6.682
50	33	155.111	156.128	1.017
50	34	156.176	151.410	-4.766
50	35	153.395	148.550	-4.845
55	36	149.778	151.551	1.773
55	37	158.066	160.195	2.129
55	38	149.353	137.543	-11.810
55	39	144.632	132.474	-12.158
55	40	145.880	154.145	8.265
100	41	152.728	150.579	-2.149
100	42	141.086	143.994	2.908
100	43	146.963	151.195	4.232
100	44	143.553	162.996	19.443
100	45	144.042	148.299	4.257
105	46	146.764	147.500	0.736
105	47	150.347	140.291	-10.056
105	48	152.234	150.600	-1.634
105	49	142.601	150.569	7.968
105	50	153.788	153.864	0.076
105	51	150.987	145.471	-5.516
105	52	156.615	146.154	-10.461
105	53	137.347	150.000	12.653
105	54	148.893	150.731	1.838
105	55	151.579	165.874	14.295
105	56	148.015	163.296	15.281
105	57	156.987	143.550	-13.437
105	58	154.143	149.506	-4.637
105	59	142.642	142.688	0.046
105	60	154.446	151.310	-3.136
105	61	149.678	153.307	3.629
105	62	150.782	158.329	7.547
105	63	139.373	149.310	9.937
105	64	158.730	158.883	0.153
105	65	150.420	151.385	0.965
105	66	134.141	150.329	16.188
105	67	151.112	148.484	-2.628
	Max	164.617	165.874	19.443
	Average	148.871	150.203	1.332
	Min	134.141	132.474	-17.764
	Std Dev	5.788	5.973	8.084



	8.14_EA_I_SOURCE_5V	
Test Site		
Tester		
Test Number		
Max Limit	190	uA
Min Limit	100	uA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	150.036	140.680	150.320	146.028	142.315	143.580	138.364	148.550	132.474	143.994	140.291
Average	150.656	146.247	154.510	148.088	146.855	150.427	149.571	153.877	147.182	151.413	150.974
Max	151.667	150.519	157.061	151.993	153.343	155.025	156.510	157.082	160.195	162.996	165.874
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000

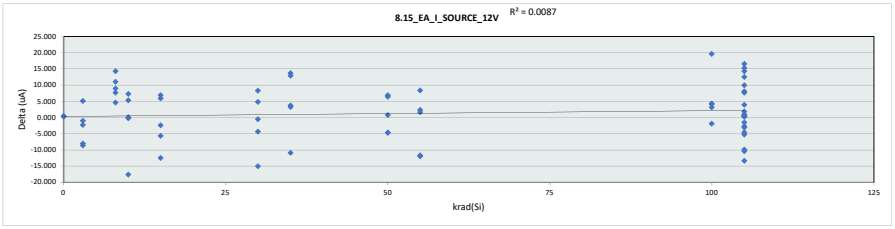


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

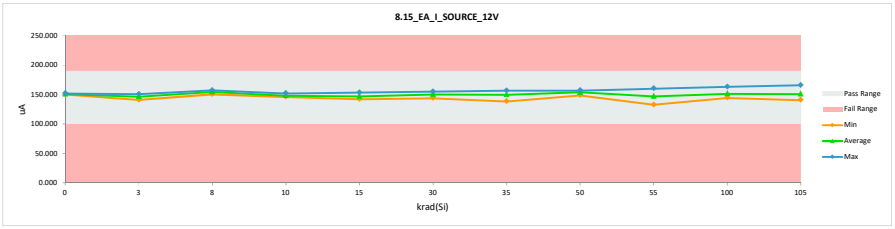
	8.15_EA_I_SOURCE_12V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	185	190
Min Limit	105	100

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	150.003	150.241	0.238
0	992	151.473	151.774	0.301
0	993	150.227	150.419	0.192
3	1	148.923	140.743	-8.180
3	2	142.954	147.918	4.964
3	3	145.179	142.763	-2.416
3	4	159.361	150.648	-8.713
3	5	150.831	149.671	-1.160
8	6	146.205	155.044	8.839
8	7	142.626	156.735	14.109
8	8	142.671	153.607	10.936
8	9	145.833	150.291	4.458
8	10	149.599	157.133	7.534
10	11	141.514	148.637	7.123
10	12	146.158	146.116	-0.042
10	13	147.607	147.224	-0.383
10	14	146.925	152.094	5.169
10	15	164.731	147.059	-17.672
15	16	160.335	147.796	-12.539
15	17	144.856	142.353	-2.503
15	18	150.338	144.546	-5.792
15	19	140.798	146.538	5.740
15	20	146.553	153.345	6.792
30	21	151.646	150.970	-0.676
30	22	158.711	143.605	-15.106
30	23	146.797	154.936	8.139
30	24	154.417	149.878	-4.539
30	25	148.184	152.887	4.703
35	26	149.388	138.360	-11.028
35	27	147.085	150.640	3.555
35	28	138.777	151.538	12.761
35	29	147.996	151.052	3.056
35	30	143.023	156.539	13.516
50	31	150.661	156.879	6.218
50	32	149.583	156.373	6.790
50	33	155.334	156.013	0.679
50	34	156.196	151.456	-4.740
50	35	153.367	148.539	-4.828
55	36	149.898	151.471	1.573
55	37	158.022	160.241	2.219
55	38	149.437	137.659	-11.778
55	39	144.708	132.597	-12.111
55	40	146.042	154.283	8.241
100	41	152.816	150.760	-2.056
100	42	141.095	144.124	3.029
100	43	147.023	151.009	3.986
100	44	143.545	163.066	19.521
100	45	144.166	148.331	4.165
105	46	146.774	147.618	0.844
105	47	150.445	140.440	-10.005
105	48	152.278	150.646	-1.632
105	49	142.666	150.627	7.961
105	50	153.858	154.002	0.144
105	51	151.038	145.652	-5.386
105	52	156.570	146.097	-10.473
105	53	137.433	149.809	12.376
105	54	148.931	150.643	1.712
105	55	151.574	165.722	14.148
105	56	148.159	163.250	15.091
105	57	157.121	143.613	-13.508
105	58	154.179	149.447	-4.732
105	59	142.677	142.825	0.148
105	60	154.493	151.333	-3.160
105	61	149.472	153.223	3.751
105	62	150.807	158.361	7.554
105	63	139.544	149.359	9.815
105	64	158.810	159.005	0.195
105	65	150.661	151.240	0.579
105	66	134.181	150.565	16.384
105	67	151.178	148.385	-2.793
	Max	164.731	165.722	19.521
	Average	148.950	150.254	1.304
	Min	134.181	132.597	-17.672
	Std Dev	5.786	5.944	8.067



	8.15_EA_I_SOURCE_12V	
Test Site		
Tester		
Test Number		
Max Limit	190	uA
Min Limit	100	uA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	150.241	140.743	150.291	146.116	142.353	143.605	138.360	148.539	132.597	144.124	140.440
Average	150.811	146.349	154.562	148.226	146.916	150.455	149.626	153.852	147.250	151.458	150.994
Max	151.774	150.648	157.133	152.094	153.345	154.936	156.539	156.879	160.241	163.066	165.722
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000

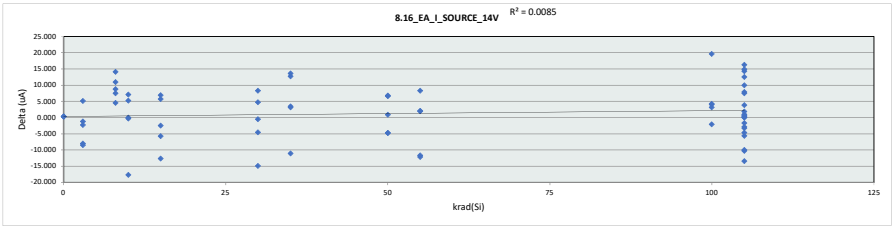


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

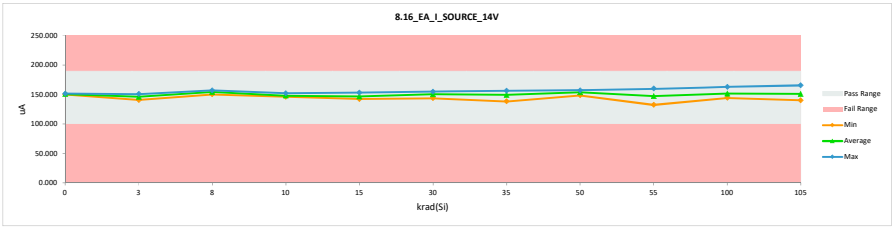
	8.16_EA_I_SOURCE_14V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	185	190
Min Limit	105	100

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	149.872	150.225	0.353
0	992	151.373	151.639	0.266
0	993	150.163	150.371	0.208
3	1	148.778	140.695	-8.083
3	2	142.792	147.893	5.101
3	3	145.057	142.735	-2.322
3	4	159.178	150.652	-8.526
3	5	150.715	149.450	-1.265
8	6	146.140	154.860	8.720
8	7	142.544	156.637	14.093
8	8	142.570	153.459	10.889
8	9	145.690	150.174	4.484
8	10	149.511	156.950	7.439
10	11	141.485	148.556	7.071
10	12	145.999	145.979	-0.020
10	13	147.491	147.179	-0.312
10	14	146.776	151.932	5.156
10	15	164.595	146.891	-17.704
15	16	160.317	147.648	-12.669
15	17	144.778	142.267	-2.511
15	18	150.234	144.426	-5.808
15	19	140.724	146.433	5.709
15	20	146.427	153.231	6.804
30	21	151.552	150.970	-0.582
30	22	158.550	143.623	-14.927
30	23	146.759	154.970	8.211
30	24	154.420	149.801	-4.619
30	25	148.100	152.770	4.670
35	26	149.372	138.308	-11.064
35	27	147.009	150.456	3.447
35	28	138.780	151.453	12.673
35	29	147.857	150.987	3.130
35	30	142.913	156.515	13.602
50	31	150.448	157.013	6.565
50	32	149.499	156.294	6.795
50	33	155.206	156.009	0.803
50	34	156.093	151.279	-4.814
50	35	153.327	148.540	-4.787
55	36	149.733	151.641	1.908
55	37	158.006	160.053	2.047
55	38	149.381	137.660	-11.721
55	39	144.640	132.453	-12.187
55	40	145.878	154.107	8.229
100	41	152.706	150.604	-2.102
100	42	141.101	144.239	3.138
100	43	146.943	150.963	4.020
100	44	143.494	163.112	19.618
100	45	144.095	148.330	4.235
105	46	146.727	147.707	0.980
105	47	150.280	140.308	-9.972
105	48	152.133	150.394	-1.739
105	49	142.559	150.409	7.850
105	50	153.742	153.727	-0.015
105	51	150.952	145.306	-5.646
105	52	156.522	146.176	-10.346
105	53	137.177	149.645	12.468
105	54	148.826	150.658	1.832
105	55	151.471	165.676	14.205
105	56	147.938	162.815	14.877
105	57	156.978	143.549	-13.429
105	58	154.098	149.402	-4.696
105	59	142.626	142.713	0.087
105	60	154.380	151.031	-3.349
105	61	149.396	153.159	3.763
105	62	150.593	158.071	7.478
105	63	139.437	149.322	9.885
105	64	158.603	158.957	0.354
105	65	150.537	151.066	0.529
105	66	134.171	150.415	16.244
105	67	151.068	148.163	-2.905
	Max	164.595	165.676	19.618
	Average	148.847	150.159	1.312
	Min	134.171	132.453	-17.704
	Std Dev	5.777	5.928	8.061



	8.16_EA_I_SOURCE_14V	
Test Site		
Tester		
Test Number		
Max Limit	190	uA
Min Limit	100	uA

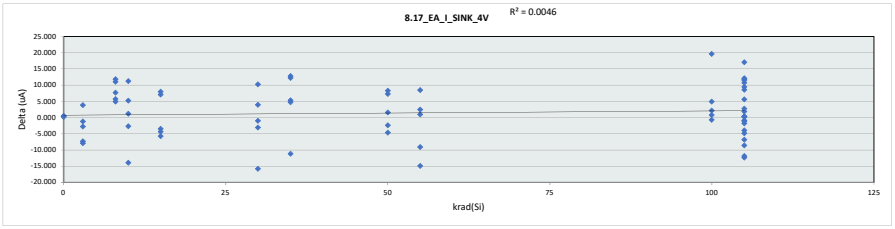
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	150.225	140.695	150.174	145.979	142.267	143.623	138.308	148.540	132.453	144.239	140.308
Average	150.745	146.285	154.416	148.107	146.801	150.427	149.544	153.827	147.183	151.450	150.849
Max	151.639	150.652	156.950	151.932	153.231	154.970	156.515	157.013	160.053	163.112	165.676
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000



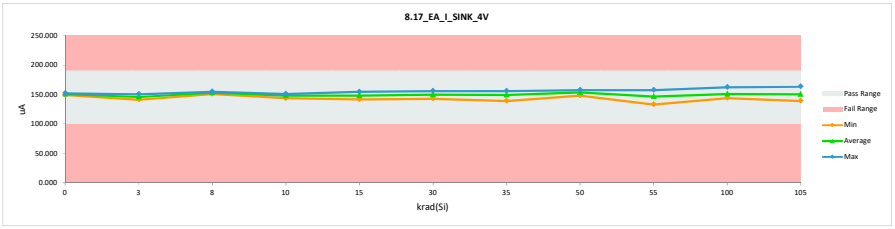
HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	8.17_EA_I_SINK_4V		
Test Site			
Tester			
Test Number			
Unit	uA	uA	
Max Limit	185	190	
Min Limit	105	100	
krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	151.765	152.088	0.323
0	992	150.417	150.723	0.306
0	993	149.142	149.233	0.091
3	1	148.636	141.190	-7.446
3	2	142.441	146.097	3.656
3	3	144.231	142.946	-1.285
3	4	158.451	150.438	-8.013
3	5	151.304	148.405	-2.899
8	6	147.165	154.717	7.552
8	7	141.176	152.817	11.641
8	8	142.433	153.310	10.877
8	9	145.908	150.700	4.792
8	10	148.743	154.277	5.534
10	11	139.383	150.510	11.127
10	12	146.349	143.567	-2.782
10	13	146.458	147.508	1.050
10	14	145.677	150.723	5.046
10	15	161.647	147.602	-14.045
15	16	156.296	150.424	-5.872
15	17	145.296	141.665	-3.631
15	18	149.573	145.105	-4.468
15	19	140.329	148.141	7.812
15	20	147.484	154.443	6.959
30	21	151.558	150.403	-1.155
30	22	158.534	142.641	-15.893
30	23	145.549	155.632	10.083
30	24	152.377	149.204	-3.173
30	25	148.461	152.299	3.838
35	26	150.118	138.805	-11.313
35	27	145.503	150.701	5.198
35	28	139.189	151.267	12.078
35	29	146.121	150.697	4.576
35	30	142.989	155.616	12.627
50	31	150.330	157.443	7.113
50	32	148.085	156.236	8.151
50	33	154.693	156.125	1.432
50	34	152.481	149.939	-2.542
50	35	152.842	148.043	-4.799
55	36	150.107	150.934	0.827
55	37	155.036	157.377	2.341
55	38	151.119	136.120	-14.999
55	39	142.153	132.903	-9.250
55	40	146.311	154.625	8.314
100	41	151.177	150.351	-0.826
100	42	141.712	143.753	2.041
100	43	149.485	150.128	0.643
100	44	142.700	162.199	19.499
100	45	144.455	149.284	4.829
105	46	148.248	148.540	0.292
105	47	151.492	138.983	-12.509
105	48	151.926	150.926	-1.000
105	49	141.610	150.976	9.366
105	50	154.563	153.330	-1.233
105	51	150.374	143.466	-6.908
105	52	155.709	146.958	-8.751
105	53	137.886	149.251	11.365
105	54	148.981	149.032	0.051
105	55	151.232	163.173	11.941
105	56	147.623	159.297	11.674
105	57	156.117	144.139	-11.978
105	58	154.019	148.990	-5.029
105	59	142.336	142.518	0.182
105	60	154.432	152.458	-1.974
105	61	147.870	153.384	5.514
105	62	150.137	158.565	8.428
105	63	137.914	148.484	10.570
105	64	155.442	157.153	1.711
105	65	149.645	152.210	2.565
105	66	134.583	151.448	16.865
105	67	151.227	147.141	-4.086
	Max	161.647	163.173	19.499
	Average	148.382	149.854	1.472
	Min	134.583	132.903	-15.893
	Std Dev	5.441	5.670	7.773



	8.17_EA_I_SINK_4V										
Test Site											
Tester											
Test Number											
Max Limit	190	uA									
Min Limit	100	uA									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	149.233	141.190	150.700	143.567	141.665	142.641	138.805	148.043	132.903	143.753	138.983
Average	150.681	145.815	153.164	147.982	147.956	150.036	149.417	153.557	146.392	151.143	150.474
Max	152.088	150.438	154.717	150.723	154.443	155.632	155.616	157.443	157.377	162.199	163.173
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000

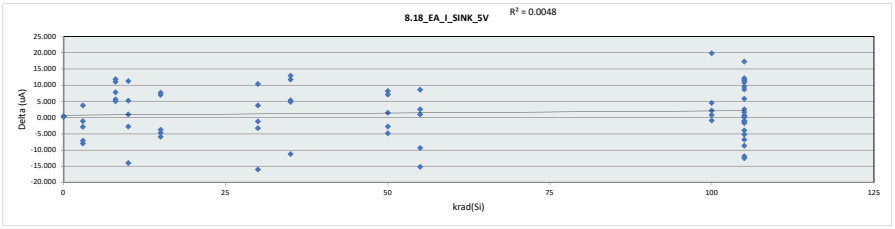


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

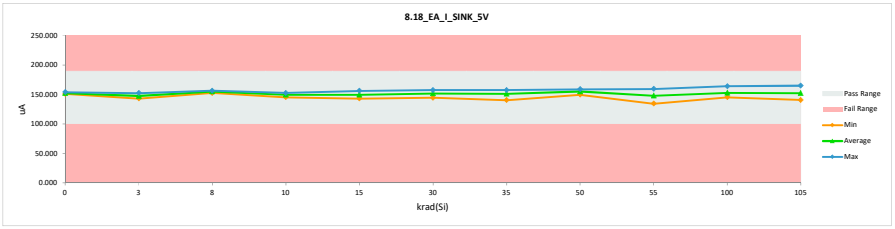
	8.18_EA_I_SINK_5V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	185	190
Min Limit	105	100

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	153.660	153.943	0.283
0	992	152.210	152.546	0.336
0	993	150.949	151.145	0.196
3	1	150.335	143.152	-7.183
3	2	144.211	147.890	3.679
3	3	145.972	144.881	-1.091
3	4	160.405	152.412	-7.993
3	5	153.090	150.129	-2.961
8	6	148.889	156.593	7.704
8	7	142.914	154.679	11.765
8	8	144.255	155.292	11.037
8	9	147.623	152.645	5.022
8	10	150.648	156.191	5.543
10	11	141.053	152.277	11.224
10	12	148.170	145.383	-2.787
10	13	148.472	149.382	0.910
10	14	147.500	152.695	5.195
10	15	163.569	149.472	-14.097
15	16	158.213	152.243	-5.970
15	17	147.143	143.310	-3.833
15	18	151.536	146.719	-4.817
15	19	142.082	149.747	7.665
15	20	149.276	156.241	6.965
30	21	153.614	152.345	-1.269
30	22	160.467	144.401	-16.066
30	23	147.295	157.563	10.268
30	24	154.196	150.892	-3.304
30	25	150.312	153.971	3.659
35	26	151.864	140.534	-11.330
35	27	147.325	152.576	5.251
35	28	141.113	152.799	11.686
35	29	147.773	152.575	4.802
35	30	144.701	157.606	12.905
50	31	152.016	159.051	7.035
50	32	149.912	158.067	8.155
50	33	156.510	157.932	1.422
50	34	154.425	151.593	-2.832
50	35	154.720	149.831	-4.889
55	36	151.770	152.679	0.909
55	37	156.878	159.428	2.550
55	38	152.939	137.739	-15.200
55	39	143.885	134.449	-9.436
55	40	148.052	156.587	8.535
100	41	153.160	152.209	-0.951
100	42	143.375	145.465	2.090
100	43	151.304	152.036	0.732
100	44	144.381	164.109	19.728
100	45	146.232	150.760	4.528
105	46	149.922	150.604	0.682
105	47	153.253	140.675	-12.578
105	48	153.762	152.768	-0.994
105	49	143.284	152.797	9.513
105	50	156.345	155.115	-1.230
105	51	152.083	145.248	-6.835
105	52	157.538	148.845	-8.693
105	53	139.524	151.124	11.600
105	54	150.828	150.946	0.118
105	55	152.913	165.009	12.096
105	56	149.774	161.107	11.333
105	57	157.919	145.923	-11.996
105	58	156.066	150.774	-5.292
105	59	144.123	144.166	0.043
105	60	156.126	154.362	-1.764
105	61	149.735	155.524	5.789
105	62	151.855	160.438	8.583
105	63	139.520	150.318	10.798
105	64	157.446	159.069	1.623
105	65	151.378	153.845	2.467
105	66	136.295	153.460	17.165
105	67	153.119	149.121	-3.998
	Max	163.569	165.009	19.728
	Average	150.189	151.677	1.489
	Min	136.295	134.449	-16.066
	Std Dev	5.494	5.721	7.838



	8.18_EA_I_SINK_5V	
Test Site		
Tester		
Test Number		
Max Limit	190	uA
Min Limit	100	uA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	151.145	143.152	152.645	145.383	143.310	144.401	140.534	149.831	134.449	145.465	140.675
Average	152.545	147.693	155.080	149.842	149.652	151.834	151.218	155.295	148.176	152.916	152.329
Max	153.943	152.412	156.593	152.695	156.241	157.563	157.606	159.051	159.428	164.109	165.009
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000

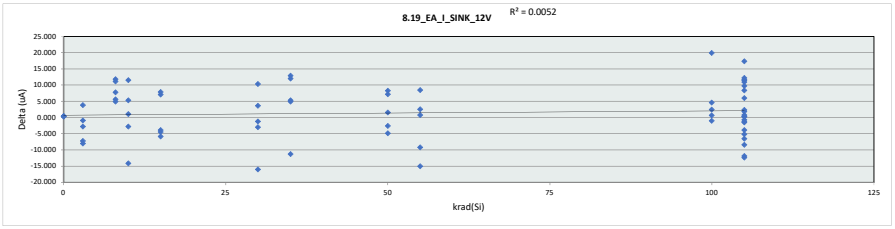


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

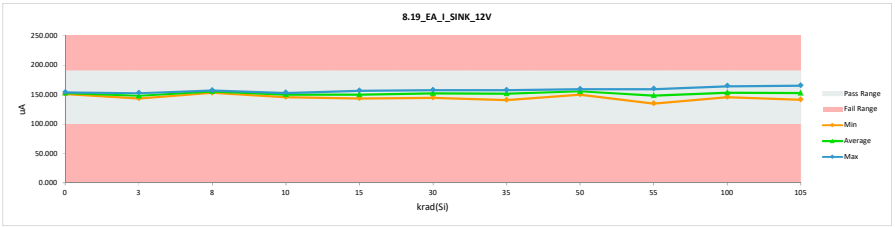
	8.19_EA_I_SINK_12V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	185	190
Min Limit	105	100

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	153.560	153.910	0.350
0	992	152.265	152.520	0.255
0	993	151.032	151.131	0.099
3	1	150.485	143.181	-7.304
3	2	144.353	148.023	3.670
3	3	146.022	144.953	-1.069
3	4	160.541	152.417	-8.124
3	5	153.206	150.287	-2.919
8	6	149.045	156.727	7.682
8	7	143.068	154.734	11.666
8	8	144.342	155.375	11.033
8	9	147.878	152.663	4.785
8	10	150.785	156.261	5.476
10	11	141.192	152.555	11.363
10	12	148.340	145.474	-2.866
10	13	148.576	149.485	0.909
10	14	147.659	152.841	5.182
10	15	163.765	149.534	-14.231
15	16	158.291	152.328	-5.963
15	17	147.350	143.356	-3.994
15	18	151.510	146.888	-4.622
15	19	142.171	149.893	7.722
15	20	149.332	156.236	6.904
30	21	153.641	152.271	-1.370
30	22	160.568	144.441	-16.127
30	23	147.506	157.726	10.220
30	24	154.185	151.110	-3.075
30	25	150.408	153.953	3.545
35	26	151.977	140.571	-11.406
35	27	147.369	152.508	5.139
35	28	141.216	153.094	11.878
35	29	147.953	152.722	4.769
35	30	144.868	157.634	12.766
50	31	152.229	159.313	7.084
50	32	150.107	158.195	8.088
50	33	156.656	158.069	1.413
50	34	154.499	151.784	-2.715
50	35	154.796	149.805	-4.991
55	36	152.064	152.708	0.644
55	37	156.999	159.411	2.412
55	38	153.019	137.883	-15.136
55	39	144.001	134.635	-9.366
55	40	148.323	156.696	8.373
100	41	153.321	152.215	-1.106
100	42	143.389	145.745	2.356
100	43	151.432	151.973	0.541
100	44	144.477	164.292	19.815
100	45	146.397	150.886	4.489
105	46	150.019	150.690	0.671
105	47	153.348	140.914	-12.434
105	48	153.789	152.905	-0.884
105	49	143.385	152.977	9.592
105	50	156.463	155.075	-1.388
105	51	152.215	145.511	-6.704
105	52	157.559	148.997	-8.562
105	53	139.591	151.117	11.526
105	54	150.894	151.061	0.167
105	55	153.055	165.111	12.056
105	56	149.671	161.106	11.435
105	57	157.970	145.962	-12.008
105	58	156.051	150.780	-5.271
105	59	144.133	144.326	0.193
105	60	156.188	154.524	-1.664
105	61	149.759	155.628	5.869
105	62	151.920	160.136	8.216
105	63	139.604	150.379	10.775
105	64	157.645	159.334	1.689
105	65	151.515	153.700	2.185
105	66	136.251	153.476	17.225
105	67	153.167	149.185	-3.982
	Max	163.765	165.111	19.815
	Average	150.291	151.762	1.471
	Min	136.251	134.635	-16.127
	Std Dev	5.494	5.703	7.833



	8.19_EA_I_SINK_12V	
Test Site		
Tester		
Test Number		
Max Limit	190	uA
Min Limit	100	uA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	151.131	143.181	152.663	145.474	143.356	144.441	140.571	149.805	134.635	145.745	140.914
Average	152.520	147.772	155.152	149.978	149.740	151.900	151.306	155.433	148.267	153.022	152.404
Max	153.910	152.417	156.727	152.841	156.236	157.726	157.634	159.313	159.411	164.292	165.111
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000

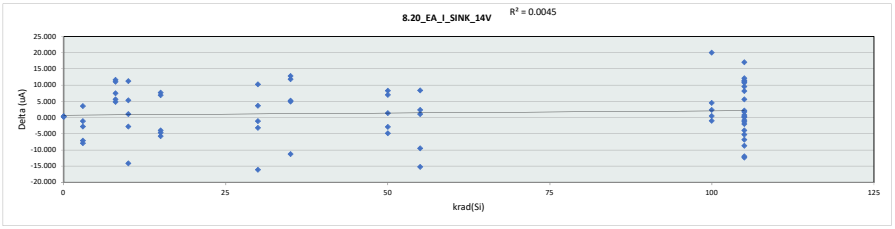


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

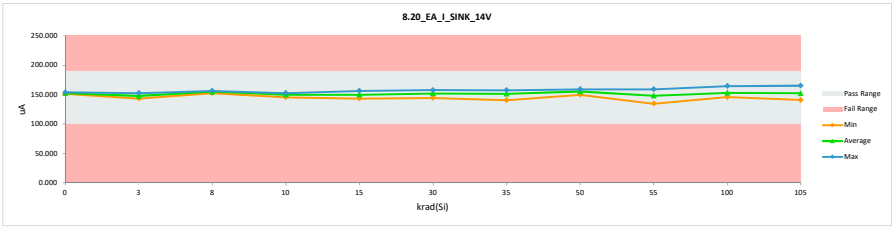
	8.20_EA_I_SINK_14V	
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	185	190
Min Limit	105	100

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	153.510	153.901	0.391
0	992	152.183	152.574	0.391
0	993	150.946	151.054	0.108
3	1	150.351	143.208	-7.143
3	2	144.336	147.862	3.526
3	3	145.986	144.806	-1.180
3	4	160.295	152.383	-7.912
3	5	153.037	150.180	-2.857
8	6	149.028	156.468	7.440
8	7	143.038	154.654	11.616
8	8	144.155	155.148	10.993
8	9	147.777	152.551	4.774
8	10	150.576	156.163	5.587
10	11	141.123	152.296	11.173
10	12	148.239	145.405	-2.834
10	13	148.522	149.583	1.061
10	14	147.392	152.655	5.263
10	15	163.568	149.438	-14.130
15	16	158.005	152.212	-5.793
15	17	147.231	143.264	-3.967
15	18	151.420	146.777	-4.643
15	19	142.091	149.769	7.678
15	20	149.279	156.137	6.858
30	21	153.616	152.442	-1.174
30	22	160.492	144.316	-16.176
30	23	147.410	157.630	10.220
30	24	154.182	150.998	-3.184
30	25	150.193	153.785	3.592
35	26	151.879	140.589	-11.290
35	27	147.276	152.443	5.167
35	28	141.214	152.965	11.751
35	29	147.736	152.572	4.836
35	30	144.808	157.559	12.751
50	31	152.163	159.147	6.984
50	32	149.813	158.094	8.281
50	33	156.576	157.893	1.317
50	34	154.462	151.593	-2.869
50	35	154.704	149.813	-4.891
55	36	151.809	152.858	1.049
55	37	156.857	159.167	2.310
55	38	153.013	137.740	-15.273
55	39	143.984	134.457	-9.527
55	40	148.199	156.531	8.332
100	41	153.075	152.044	-1.031
100	42	143.368	145.680	2.312
100	43	151.244	151.704	0.460
100	44	144.426	164.407	19.981
100	45	146.359	150.803	4.444
105	46	149.931	150.633	0.702
105	47	153.215	140.795	-12.420
105	48	153.685	152.824	-0.861
105	49	143.300	152.848	9.548
105	50	156.397	155.086	-1.311
105	51	152.115	145.295	-6.820
105	52	157.504	148.792	-8.712
105	53	139.477	150.907	11.430
105	54	150.796	151.040	0.244
105	55	153.008	165.121	12.113
105	56	149.687	160.710	11.023
105	57	157.906	145.883	-12.023
105	58	156.000	150.680	-5.320
105	59	144.094	144.106	0.012
105	60	156.115	154.139	-1.976
105	61	149.829	155.441	5.612
105	62	151.904	160.036	8.132
105	63	139.603	150.346	10.743
105	64	157.413	159.100	1.687
105	65	151.416	153.534	2.118
105	66	136.288	153.305	17.017
105	67	153.071	149.028	-4.043
	Max	163.568	165.121	19.981
	Average	150.196	151.648	1.452
	Min	136.288	134.457	-16.176
	Std Dev	5.468	5.697	7.811



	8.20_EA_I_SINK_14V	
Test Site		
Tester		
Test Number		
Max Limit	190	uA
Min Limit	100	uA

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	151.054	143.208	152.551	145.405	143.264	144.316	140.589	149.813	134.457	145.680	140.795
Average	152.510	147.688	154.997	149.875	149.632	151.834	151.226	155.308	148.151	152.928	152.257
Max	153.901	152.383	156.468	152.655	156.137	157.630	157.559	159.147	159.167	164.407	165.121
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000

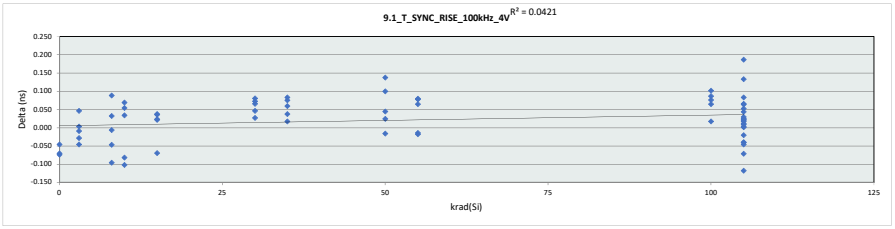


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

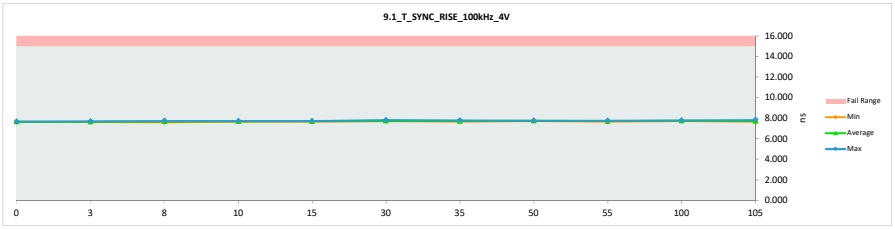
	9.1_T_SYNC_RISE_100kHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14.5	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.684	7.637	-0.047
0	992	7.712	7.640	-0.072
0	993	7.725	7.650	-0.075
3	1	7.648	7.618	-0.030
3	2	7.632	7.634	0.002
3	3	7.677	7.667	-0.010
3	4	7.689	7.642	-0.047
3	5	7.637	7.682	0.045
8	6	7.679	7.710	0.031
8	7	7.685	7.588	-0.097
8	8	7.641	7.728	0.087
8	9	7.662	7.654	-0.008
8	10	7.710	7.662	-0.048
10	11	7.750	7.647	-0.103
10	12	7.633	7.701	0.068
10	13	7.652	7.685	0.033
10	14	7.603	7.656	0.053
10	15	7.792	7.709	-0.083
15	16	7.714	7.643	-0.071
15	17	7.639	7.661	0.022
15	18	7.626	7.660	0.034
15	19	7.674	7.710	0.036
15	20	7.689	7.709	0.020
30	21	7.681	7.707	0.026
30	22	7.647	7.711	0.064
30	23	7.697	7.768	0.071
30	24	7.746	7.791	0.045
30	25	7.620	7.699	0.079
35	26	7.647	7.683	0.036
35	27	7.618	7.700	0.082
35	28	7.643	7.659	0.016
35	29	7.687	7.761	0.074
35	30	7.683	7.741	0.058
50	31	7.632	7.730	0.098
50	32	7.699	7.742	0.043
50	33	7.728	7.711	-0.017
50	34	7.600	7.736	0.136
50	35	7.712	7.735	0.023
55	36	7.684	7.747	0.063
55	37	7.686	7.670	-0.016
55	38	7.671	7.749	0.078
55	39	7.681	7.662	-0.019
55	40	7.650	7.726	0.076
100	41	7.626	7.701	0.075
100	42	7.663	7.763	0.100
100	43	7.661	7.746	0.085
100	44	7.687	7.750	0.063
100	45	7.686	7.702	0.016
105	46	7.747	7.706	-0.041
105	47	7.682	7.744	0.062
105	48	7.688	7.698	0.010
105	49	7.653	7.704	0.051
105	50	7.742	7.720	-0.022
105	51	7.720	7.748	0.028
105	52	7.644	7.708	0.064
105	53	7.675	7.675	0.000
105	54	7.687	7.703	0.016
105	55	7.631	7.816	0.185
105	56	7.728	7.752	0.024
105	57	7.766	7.693	-0.073
105	58	7.712	7.665	-0.047
105	59	7.714	7.735	0.021
105	60	7.667	7.749	0.082
105	61	7.666	7.708	0.042
105	62	7.644	7.663	0.019
105	63	7.723	7.730	0.007
105	64	7.634	7.766	0.132
105	65	7.765	7.646	-0.119
105	66	7.664	7.665	0.001
105	67	7.710	7.668	-0.042
	Max	7.792	7.816	0.185
	Average	7.679	7.701	0.021
	Min	7.600	7.588	-0.119
	Std Dev	0.041	0.044	0.060



	9.1_T_SYNC_RISE_100kHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.637	7.618	7.588	7.647	7.643	7.699	7.659	7.711	7.662	7.701	7.646
Average	7.642	7.649	7.668	7.680	7.677	7.735	7.709	7.731	7.711	7.732	7.712
Max	7.650	7.682	7.728	7.709	7.710	7.791	7.761	7.742	7.749	7.763	7.816
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

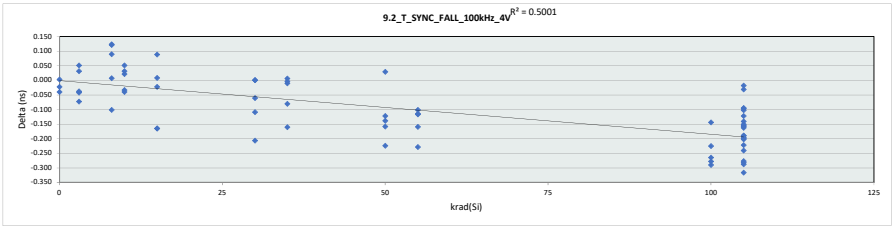


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

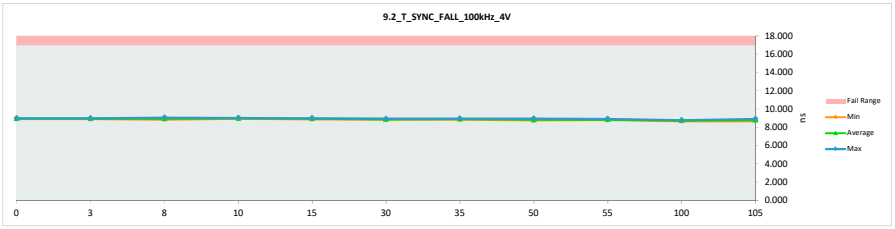
	9.2_T_SYNC_FALL_100kHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14.5	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.972	8.974	0.002
0	992	8.938	8.897	-0.041
0	993	8.952	8.929	-0.023
3	1	8.935	8.966	0.031
3	2	8.889	8.939	0.050
3	3	9.001	8.963	-0.038
3	4	8.981	8.907	-0.074
3	5	8.964	8.921	-0.043
8	6	8.823	8.943	0.120
8	7	8.953	8.851	-0.102
8	8	8.917	9.006	0.089
8	9	8.925	9.048	0.123
8	10	8.922	8.928	0.006
10	11	8.946	8.996	0.050
10	12	9.036	8.995	-0.041
10	13	8.923	8.953	0.030
10	14	8.900	8.921	0.021
10	15	9.041	9.007	-0.034
15	16	9.073	8.907	-0.166
15	17	8.985	8.962	-0.023
15	18	8.900	8.987	0.087
15	19	8.903	8.910	0.007
15	20	9.050	8.884	-0.166
30	21	9.047	8.840	-0.207
30	22	8.886	8.886	0.000
30	23	8.947	8.886	-0.061
30	24	8.926	8.926	0.000
30	25	9.017	8.907	-0.110
35	26	8.970	8.959	-0.011
35	27	8.915	8.920	0.005
35	28	9.002	8.841	-0.161
35	29	8.942	8.937	-0.005
35	30	8.970	8.889	-0.081
50	31	8.910	8.771	-0.139
50	32	8.925	8.802	-0.123
50	33	8.965	8.806	-0.159
50	34	8.927	8.955	0.028
50	35	9.004	8.779	-0.225
55	36	9.019	8.859	-0.160
55	37	8.932	8.815	-0.117
55	38	8.999	8.897	-0.102
55	39	9.028	8.799	-0.229
55	40	8.992	8.877	-0.115
100	41	8.948	8.669	-0.279
100	42	8.925	8.699	-0.226
100	43	8.933	8.788	-0.145
100	44	9.009	8.719	-0.290
100	45	9.012	8.747	-0.265
105	46	8.968	8.651	-0.317
105	47	8.950	8.794	-0.156
105	48	8.942	8.742	-0.200
105	49	8.956	8.753	-0.203
105	50	8.971	8.730	-0.241
105	51	8.999	8.722	-0.277
105	52	8.971	8.868	-0.103
105	53	9.028	8.745	-0.283
105	54	9.005	8.717	-0.288
105	55	8.912	8.880	-0.032
105	56	9.007	8.848	-0.159
105	57	8.964	8.841	-0.123
105	58	8.947	8.724	-0.223
105	59	8.959	8.796	-0.163
105	60	8.942	8.923	-0.019
105	61	9.045	8.894	-0.151
105	62	8.931	8.735	-0.196
105	63	9.014	8.823	-0.191
105	64	8.941	8.799	-0.142
105	65	8.967	8.869	-0.098
105	66	8.919	8.824	-0.095
105	67	8.985	8.795	-0.190
	Max	9.073	9.048	0.123
	Average	8.963	8.861	-0.102
	Min	8.823	8.651	-0.317
	Std Dev	0.047	0.092	0.109



	9.2_T_SYNC_FALL_100kHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.897	8.907	8.851	8.921	8.884	8.840	8.841	8.771	8.799	8.669	8.651
Average	8.933	8.939	8.955	8.974	8.930	8.889	8.909	8.823	8.849	8.724	8.794
Max	8.974	8.966	9.048	9.007	8.987	8.926	8.959	8.955	8.897	8.788	8.923
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

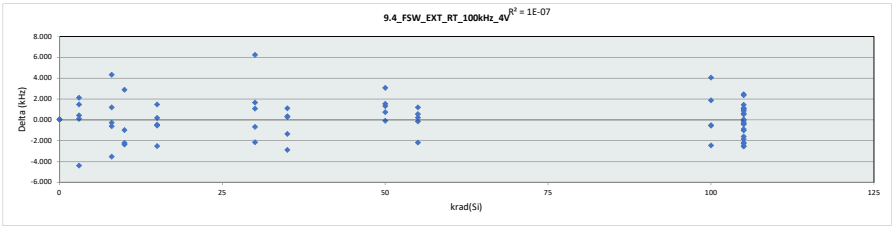


HDR TID Report
TPS7H5001-SP QMLP

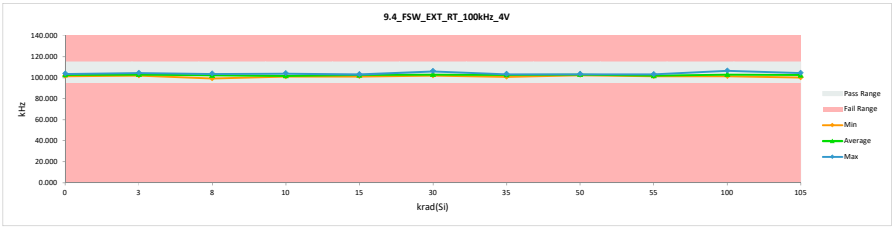
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	9.4_FSW_EXT_RT_100kHz_4V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	115	115
Min Limit	95	95

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	102.718	102.729	0.011
0	992	101.543	101.538	-0.005
0	993	103.698	103.696	-0.002
3	1	102.272	104.351	2.079
3	2	102.271	103.718	1.447
3	3	102.597	102.663	0.066
3	4	102.025	102.416	0.391
3	5	106.326	101.900	-4.426
8	6	103.762	103.099	-0.663
8	7	102.856	99.275	-3.581
8	8	97.587	101.872	4.285
8	9	102.456	103.619	1.163
8	10	103.867	103.554	-0.313
10	11	103.610	101.281	-2.329
10	12	103.446	101.053	-2.393
10	13	103.463	101.221	-2.242
10	14	101.100	103.956	2.856
10	15	102.295	101.281	-1.014
15	16	103.813	101.267	-2.546
15	17	101.572	102.995	1.423
15	18	102.549	102.064	-0.485
15	19	103.657	103.080	-0.577
15	20	102.926	103.083	0.157
30	21	100.820	102.426	1.606
30	22	100.856	101.903	1.047
30	23	99.901	106.076	6.175
30	24	103.392	102.664	-0.728
30	25	104.283	102.085	-2.198
35	26	102.977	103.280	0.303
35	27	102.174	103.236	1.062
35	28	104.397	103.001	-1.396
35	29	103.738	100.823	-2.915
35	30	102.777	103.012	0.235
50	31	102.412	103.109	0.697
50	32	101.713	103.000	1.287
50	33	103.172	103.032	-0.140
50	34	99.338	102.380	3.042
50	35	101.809	103.293	1.484
55	36	103.591	101.385	-2.206
55	37	103.443	103.253	-0.190
55	38	101.234	101.738	0.504
55	39	101.171	102.333	1.162
55	40	101.154	101.316	0.162
100	41	103.822	101.324	-2.498
100	42	102.041	101.445	-0.596
100	43	101.232	103.049	1.817
100	44	103.183	102.628	-0.555
100	45	102.511	106.518	4.007
105	46	103.095	103.684	0.589
105	47	103.014	103.017	0.003
105	48	102.529	102.050	-0.479
105	49	102.288	102.040	-0.248
105	50	106.080	103.531	-2.549
105	51	103.067	103.560	0.493
105	52	101.505	102.416	0.911
105	53	103.001	103.831	0.830
105	54	103.339	101.453	-1.886
105	55	103.151	102.112	-1.039
105	56	100.889	103.215	2.326
105	57	103.260	101.053	-2.207
105	58	102.726	101.784	-0.942
105	59	102.640	103.673	1.033
105	60	103.254	103.169	-0.085
105	61	102.737	100.146	-2.591
105	62	103.139	100.833	-2.306
105	63	101.834	100.196	-1.638
105	64	103.792	103.388	-0.404
105	65	101.990	104.416	2.426
105	66	102.345	103.440	1.095
105	67	101.346	102.754	1.408
	Max	106.326	106.518	6.175
	Average	102.580	102.568	-0.011
	Min	97.587	99.275	-4.426
	Std Dev	1.333	1.238	1.899



	9.4_FSW_EXT_RT_100kHz_4V										
Test Site											
Tester											
Test Number											
Max Limit	115	kHz									
Min Limit	95	kHz									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000
Min	101.538	101.900	99.275	101.053	101.267	101.903	100.823	102.380	101.316	101.324	100.146
Average	102.654	103.010	102.284	101.758	102.498	103.031	102.670	102.963	102.005	102.993	102.535
Max	103.696	104.351	103.619	103.956	103.083	106.076	103.280	103.293	103.253	106.518	104.416
UL	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000

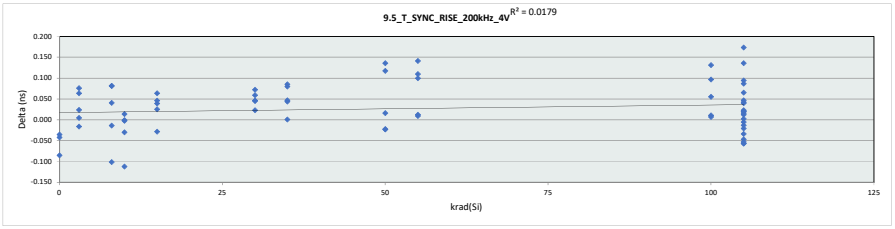


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

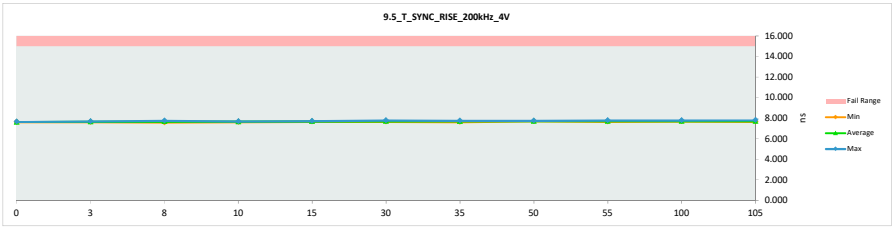
	9.5_T_SYNC_RISE_200kHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14.5	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.653	7.610	-0.043
0	992	7.695	7.609	-0.086
0	993	7.667	7.631	-0.036
3	1	7.574	7.637	0.063
3	2	7.649	7.632	-0.017
3	3	7.618	7.641	0.023
3	4	7.612	7.616	0.004
3	5	7.599	7.674	0.075
8	6	7.626	7.706	0.080
8	7	7.665	7.563	-0.102
8	8	7.641	7.721	0.080
8	9	7.631	7.671	0.040
8	10	7.653	7.638	-0.015
10	11	7.678	7.676	-0.002
10	12	7.637	7.634	-0.003
10	13	7.624	7.637	0.013
10	14	7.633	7.602	-0.031
10	15	7.760	7.647	-0.113
15	16	7.686	7.657	-0.029
15	17	7.619	7.643	0.024
15	18	7.599	7.644	0.045
15	19	7.643	7.706	0.063
15	20	7.621	7.659	0.038
30	21	7.652	7.674	0.022
30	22	7.593	7.664	0.071
30	23	7.674	7.719	0.045
30	24	7.707	7.765	0.058
30	25	7.600	7.644	0.044
35	26	7.603	7.646	0.043
35	27	7.612	7.658	0.046
35	28	7.626	7.626	0.000
35	29	7.638	7.717	0.079
35	30	7.653	7.737	0.084
50	31	7.598	7.733	0.135
50	32	7.739	7.716	-0.023
50	33	7.712	7.688	-0.024
50	34	7.582	7.698	0.116
50	35	7.675	7.690	0.015
55	36	7.635	7.775	0.140
55	37	7.635	7.646	0.011
55	38	7.660	7.759	0.099
55	39	7.651	7.659	0.008
55	40	7.613	7.722	0.109
100	41	7.654	7.664	0.010
100	42	7.635	7.765	0.130
100	43	7.707	7.713	0.006
100	44	7.618	7.714	0.096
100	45	7.640	7.694	0.054
105	46	7.708	7.654	-0.054
105	47	7.687	7.709	0.022
105	48	7.661	7.662	0.001
105	49	7.629	7.722	0.093
105	50	7.682	7.728	0.046
105	51	7.707	7.726	0.019
105	52	7.632	7.673	0.041
105	53	7.646	7.657	0.011
105	54	7.639	7.678	0.039
105	55	7.613	7.785	0.172
105	56	7.758	7.723	-0.035
105	57	7.714	7.666	-0.048
105	58	7.702	7.644	-0.058
105	59	7.707	7.693	-0.014
105	60	7.662	7.726	0.064
105	61	7.641	7.727	0.086
105	62	7.651	7.645	-0.006
105	63	7.676	7.691	0.015
105	64	7.609	7.744	0.135
105	65	7.700	7.642	-0.058
105	66	7.627	7.647	0.020
105	67	7.680	7.658	-0.022
	Max	7.760	7.785	0.172
	Average	7.652	7.679	0.027
	Min	7.574	7.563	-0.113
	Std Dev	0.041	0.046	0.059



	9.5_T_SYNC_RISE_200kHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.609	7.616	7.563	7.602	7.643	7.644	7.626	7.688	7.646	7.664	7.642
Average	7.617	7.640	7.660	7.639	7.662	7.693	7.677	7.705	7.712	7.710	7.691
Max	7.631	7.674	7.721	7.676	7.706	7.765	7.737	7.733	7.775	7.765	7.785
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

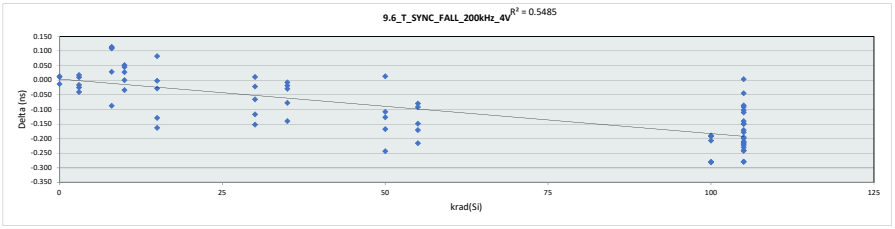


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

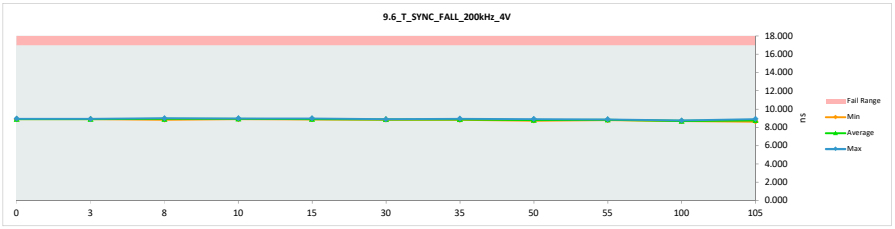
	9.6_T_SYNC_FALL_200kHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.927	8.939	0.012
0	992	8.877	8.887	0.010
0	993	8.912	8.898	-0.014
3	1	8.916	8.925	0.009
3	2	8.867	8.883	0.016
3	3	8.960	8.918	-0.042
3	4	8.923	8.897	-0.026
3	5	8.927	8.909	-0.018
8	6	8.812	8.925	0.113
8	7	8.927	8.838	-0.089
8	8	8.859	8.966	0.107
8	9	8.879	8.990	0.111
8	10	8.895	8.922	0.027
10	11	8.903	8.947	0.044
10	12	8.999	8.964	-0.035
10	13	8.873	8.923	0.050
10	14	8.861	8.887	0.026
10	15	8.978	8.977	-0.001
15	16	9.037	8.872	-0.165
15	17	8.963	8.933	-0.030
15	18	8.891	8.972	0.081
15	19	8.899	8.896	-0.003
15	20	9.012	8.881	-0.131
30	21	8.980	8.826	-0.154
30	22	8.859	8.869	0.010
30	23	8.934	8.867	-0.067
30	24	8.913	8.890	-0.023
30	25	9.000	8.881	-0.119
35	26	8.963	8.932	-0.031
35	27	8.894	8.874	-0.020
35	28	8.965	8.824	-0.141
35	29	8.907	8.898	-0.009
35	30	8.936	8.857	-0.079
50	31	8.886	8.758	-0.128
50	32	8.923	8.813	-0.110
50	33	8.946	8.777	-0.169
50	34	8.892	8.904	0.012
50	35	8.974	8.729	-0.245
55	36	8.986	8.836	-0.150
55	37	8.888	8.807	-0.081
55	38	8.970	8.877	-0.093
55	39	8.995	8.778	-0.217
55	40	9.001	8.829	-0.172
100	41	8.883	8.675	-0.208
100	42	8.868	8.674	-0.194
100	43	8.935	8.744	-0.191
100	44	8.965	8.684	-0.281
100	45	9.000	8.717	-0.283
105	46	8.916	8.635	-0.281
105	47	8.915	8.765	-0.150
105	48	8.928	8.687	-0.241
105	49	8.925	8.694	-0.231
105	50	8.935	8.711	-0.224
105	51	8.959	8.740	-0.219
105	52	8.940	8.847	-0.093
105	53	9.000	8.719	-0.281
105	54	8.941	8.698	-0.243
105	55	8.896	8.850	-0.046
105	56	8.967	8.826	-0.141
105	57	8.934	8.783	-0.151
105	58	8.925	8.713	-0.212
105	59	8.930	8.750	-0.180
105	60	8.904	8.906	0.002
105	61	9.031	8.817	-0.214
105	62	8.883	8.682	-0.201
105	63	8.990	8.794	-0.196
105	64	8.886	8.774	-0.112
105	65	8.945	8.841	-0.104
105	66	8.897	8.809	-0.088
105	67	8.948	8.776	-0.172
	Max	9.037	8.990	0.113
	Average	8.931	8.833	-0.098
	Min	8.812	8.635	-0.283
	Std Dev	0.046	0.090	0.106



	9.6_T_SYNC_FALL_200kHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.887	8.883	8.838	8.887	8.872	8.826	8.824	8.729	8.778	8.674	8.635
Average	8.908	8.906	8.928	8.940	8.911	8.867	8.877	8.796	8.825	8.699	8.764
Max	8.939	8.925	8.990	8.977	8.972	8.890	8.932	8.904	8.877	8.744	8.906
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

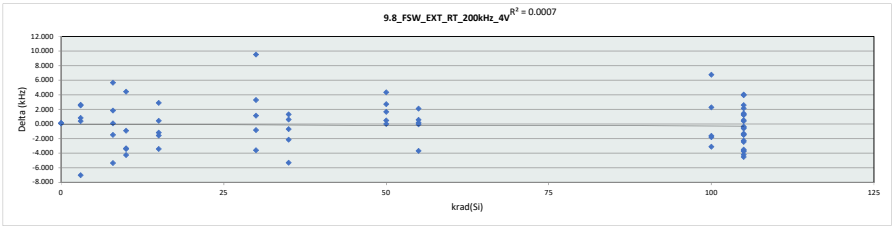


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

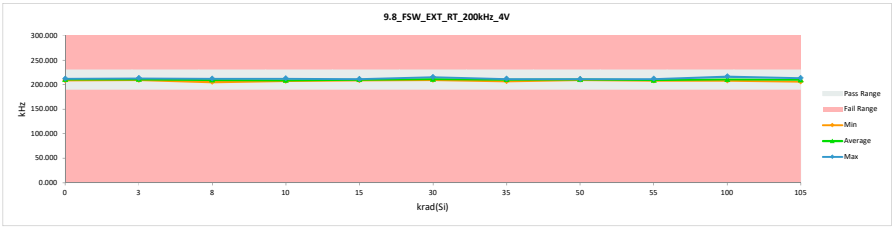
	9.8_FSW_EXT_RT_200kHz_4V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	230	230
Min Limit	190	190

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	210.433	210.493	0.060
0	992	208.510	208.532	0.022
0	993	211.933	211.947	0.014
3	1	210.422	212.900	2.478
3	2	209.547	212.111	2.564
3	3	209.990	210.319	0.329
3	4	209.522	210.317	0.795
3	5	216.301	209.246	-7.055
8	6	212.168	210.634	-1.534
8	7	210.599	205.205	-5.394
8	8	203.197	208.785	5.588
8	9	209.867	211.671	1.804
8	10	211.794	211.808	0.014
10	11	211.375	208.003	-3.372
10	12	211.784	207.489	-4.295
10	13	211.781	208.302	-3.479
10	14	207.844	212.209	4.365
10	15	209.389	208.419	-0.970
15	16	211.936	208.477	-3.459
15	17	208.657	211.476	2.819
15	18	210.503	208.873	-1.630
15	19	212.227	210.980	-1.247
15	20	210.845	211.246	0.401
30	21	207.294	210.508	3.214
30	22	207.994	209.062	1.068
30	23	205.906	215.369	9.463
30	24	211.331	210.457	-0.874
30	25	213.154	209.496	-3.658
35	26	211.879	211.134	-0.745
35	27	210.341	211.617	1.276
35	28	213.001	210.817	-2.184
35	29	212.095	206.739	-5.356
35	30	210.432	210.989	0.557
50	31	210.283	210.715	0.432
50	32	208.937	210.538	1.601
50	33	210.678	210.626	-0.052
50	34	205.349	209.638	4.289
50	35	208.674	211.318	2.644
55	36	211.635	207.900	-3.735
55	37	211.603	211.524	-0.079
55	38	207.961	208.478	0.517
55	39	207.676	209.708	2.032
55	40	208.221	208.338	0.117
100	41	212.011	208.858	-3.153
100	42	209.781	207.925	-1.856
100	43	208.333	210.571	2.238
100	44	211.786	210.108	-1.678
100	45	209.673	216.386	6.713
105	46	211.029	211.520	0.491
105	47	211.197	210.661	-0.536
105	48	210.659	209.122	-1.537
105	49	209.820	209.131	-0.689
105	50	215.572	211.012	-4.560
105	51	210.982	211.324	0.342
105	52	208.772	209.953	1.181
105	53	210.794	212.071	1.277
105	54	211.915	208.180	-3.735
105	55	211.126	208.807	-2.319
105	56	206.943	210.828	3.885
105	57	211.507	207.717	-3.790
105	58	210.368	208.874	-1.494
105	59	210.424	211.820	1.396
105	60	211.153	210.767	-0.386
105	61	210.357	206.116	-4.241
105	62	211.198	207.634	-3.564
105	63	208.741	206.230	-2.511
105	64	212.402	211.019	-1.383
105	65	209.059	213.049	3.990
105	66	209.726	212.255	2.529
105	67	208.560	210.650	2.090
	Max	216.301	216.386	9.463
	Average	210.271	210.100	-0.171
	Min	203.197	205.205	-7.055
	Std Dev	2.079	1.960	3.005



	9.8_FSW_EXT_RT_200kHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	230	kHz
Min Limit	190	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000
Min	208.532	209.246	205.205	207.489	208.477	209.062	206.739	209.638	207.900	207.925	206.116
Average	210.324	210.979	209.621	208.884	210.210	210.978	210.259	210.567	209.190	210.770	209.943
Max	211.947	212.900	211.808	212.209	211.476	215.369	211.617	211.318	211.524	216.386	213.049
UL	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000

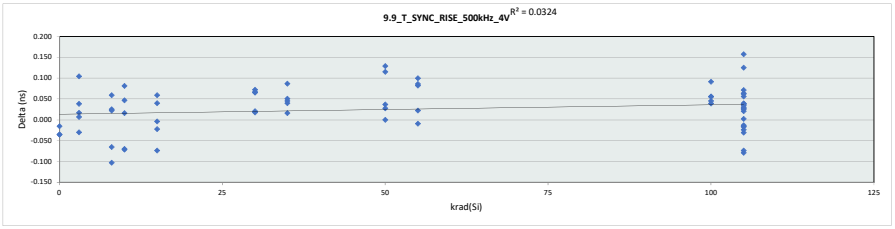


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

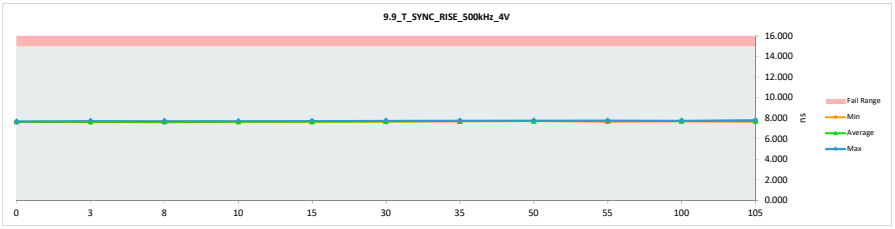
	9.9_T_SYNC_RISE_500kHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14.5	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.696	7.680	-0.016
0	992	7.674	7.638	-0.036
0	993	7.691	7.655	-0.036
3	1	7.607	7.623	0.016
3	2	7.684	7.653	-0.031
3	3	7.658	7.695	0.037
3	4	7.639	7.645	0.006
3	5	7.624	7.727	0.103
8	6	7.666	7.724	0.058
8	7	7.702	7.598	-0.104
8	8	7.666	7.690	0.024
8	9	7.666	7.687	0.021
8	10	7.706	7.640	-0.066
10	11	7.722	7.651	-0.071
10	12	7.662	7.677	0.015
10	13	7.632	7.678	0.046
10	14	7.590	7.670	0.080
10	15	7.768	7.696	-0.072
15	16	7.735	7.660	-0.075
15	17	7.655	7.650	-0.005
15	18	7.638	7.677	0.039
15	19	7.689	7.747	0.058
15	20	7.699	7.676	-0.023
30	21	7.683	7.703	0.020
30	22	7.624	7.695	0.071
30	23	7.687	7.753	0.066
30	24	7.726	7.743	0.017
30	25	7.610	7.674	0.064
35	26	7.658	7.702	0.044
35	27	7.634	7.684	0.050
35	28	7.654	7.693	0.039
35	29	7.683	7.769	0.086
35	30	7.708	7.723	0.015
50	31	7.621	7.749	0.128
50	32	7.705	7.732	0.027
50	33	7.742	7.741	-0.001
50	34	7.614	7.728	0.114
50	35	7.718	7.754	0.036
55	36	7.678	7.777	0.099
55	37	7.670	7.660	-0.010
55	38	7.652	7.733	0.081
55	39	7.683	7.704	0.021
55	40	7.661	7.746	0.085
100	41	7.659	7.697	0.038
100	42	7.661	7.716	0.055
100	43	7.667	7.757	0.090
100	44	7.685	7.729	0.044
100	45	7.670	7.724	0.054
105	46	7.738	7.724	-0.014
105	47	7.693	7.754	0.061
105	48	7.721	7.689	-0.032
105	49	7.687	7.688	0.001
105	50	7.703	7.739	0.036
105	51	7.734	7.759	0.025
105	52	7.669	7.707	0.038
105	53	7.674	7.707	0.033
105	54	7.694	7.722	0.028
105	55	7.656	7.812	0.156
105	56	7.723	7.748	0.025
105	57	7.716	7.691	-0.025
105	58	7.734	7.659	-0.075
105	59	7.692	7.730	0.038
105	60	7.675	7.738	0.063
105	61	7.656	7.726	0.070
105	62	7.688	7.672	-0.016
105	63	7.725	7.780	0.055
105	64	7.651	7.775	0.124
105	65	7.738	7.658	-0.080
105	66	7.670	7.690	0.020
105	67	7.701	7.683	-0.018
	Max	7.768	7.812	0.156
	Average	7.679	7.705	0.026
	Min	7.590	7.598	-0.104
	Std Dev	0.037	0.042	0.053



	9.9_T_SYNC_RISE_500kHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.638	7.623	7.598	7.651	7.650	7.674	7.684	7.728	7.660	7.697	7.658
Average	7.658	7.669	7.668	7.674	7.682	7.714	7.714	7.741	7.724	7.725	7.721
Max	7.680	7.727	7.724	7.696	7.747	7.753	7.769	7.754	7.777	7.757	7.812
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

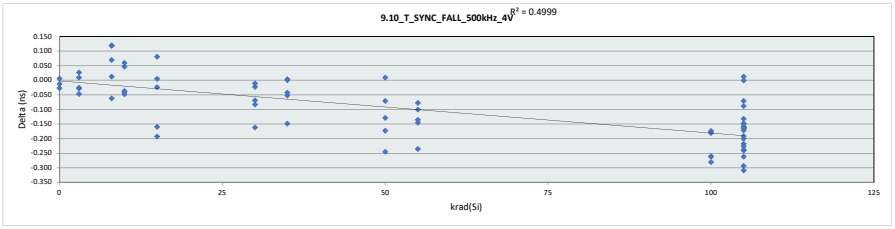


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

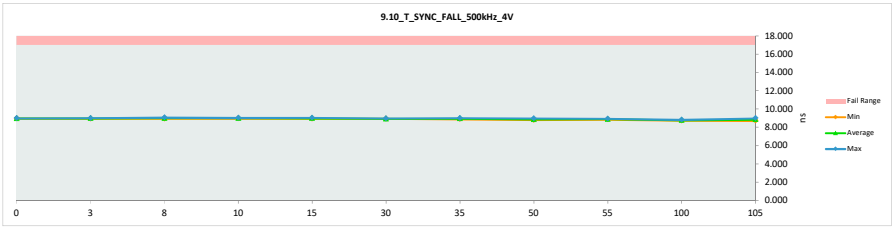
	9.10_T_SYNC_FALL_500kHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	9.004	8.975	-0.029
0	992	8.962	8.948	-0.014
0	993	8.966	8.970	0.004
3	1	8.970	8.995	0.025
3	2	8.916	8.923	0.007
3	3	9.023	8.995	-0.028
3	4	8.982	8.952	-0.030
3	5	9.019	8.971	-0.048
8	6	8.867	8.984	0.117
8	7	8.988	8.924	-0.064
8	8	8.966	9.034	0.068
8	9	8.938	9.055	0.117
8	10	8.956	8.967	0.011
10	11	8.962	9.020	0.058
10	12	9.061	9.019	-0.042
10	13	8.951	8.996	0.045
10	14	8.983	8.934	-0.049
10	15	9.057	9.019	-0.038
15	16	9.118	8.924	-0.194
15	17	9.008	9.011	0.003
15	18	8.949	9.028	0.079
15	19	8.962	8.937	-0.025
15	20	9.090	8.929	-0.161
30	21	9.082	8.919	-0.163
30	22	8.929	8.917	-0.012
30	23	8.986	8.916	-0.070
30	24	8.974	8.950	-0.024
30	25	9.008	8.924	-0.084
35	26	8.994	8.993	-0.001
35	27	8.979	8.925	-0.054
35	28	9.022	8.872	-0.150
35	29	8.952	8.954	0.002
35	30	8.993	8.949	-0.044
50	31	8.940	8.810	-0.130
50	32	8.936	8.863	-0.073
50	33	9.013	8.839	-0.174
50	34	8.950	8.957	0.007
50	35	9.024	8.777	-0.247
55	36	9.044	8.907	-0.137
55	37	8.970	8.891	-0.079
55	38	9.030	8.928	-0.102
55	39	9.064	8.827	-0.237
55	40	9.033	8.886	-0.147
100	41	8.963	8.700	-0.263
100	42	8.929	8.754	-0.175
100	43	8.984	8.802	-0.182
100	44	9.039	8.757	-0.282
100	45	9.054	8.792	-0.262
105	46	8.980	8.685	-0.295
105	47	8.976	8.825	-0.151
105	48	8.976	8.757	-0.219
105	49	8.997	8.795	-0.202
105	50	9.018	8.776	-0.242
105	51	9.038	8.775	-0.263
105	52	9.013	8.923	-0.090
105	53	9.066	8.756	-0.310
105	54	8.993	8.765	-0.228
105	55	8.928	8.926	-0.002
105	56	9.045	8.881	-0.164
105	57	9.015	8.842	-0.173
105	58	9.003	8.764	-0.239
105	59	8.982	8.820	-0.162
105	60	8.957	8.968	0.011
105	61	9.077	8.910	-0.167
105	62	8.930	8.765	-0.165
105	63	9.023	8.874	-0.149
105	64	9.000	8.840	-0.160
105	65	9.007	8.873	-0.134
105	66	8.945	8.872	-0.073
105	67	9.006	8.813	-0.193
	Max	9.118	9.055	0.117
	Average	8.994	8.893	-0.101
	Min	8.867	8.685	-0.310
	Std Dev	0.047	0.090	0.106



	9.10_T_SYNC_FALL_500kHz_4	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.948	8.923	8.924	8.934	8.924	8.916	8.872	8.777	8.827	8.700	8.685
Average	8.964	8.967	8.993	8.998	8.966	8.925	8.939	8.849	8.888	8.761	8.828
Max	8.975	8.995	9.055	9.020	9.028	8.950	8.993	8.957	8.928	8.802	8.968
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

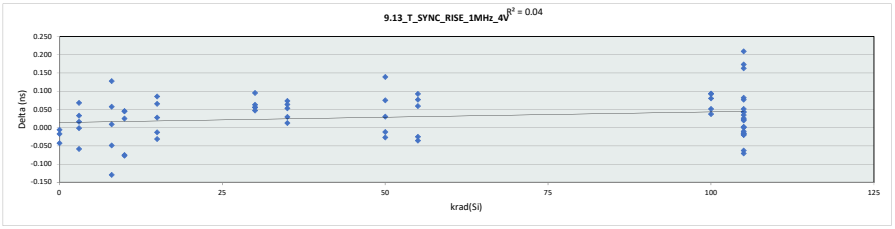


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

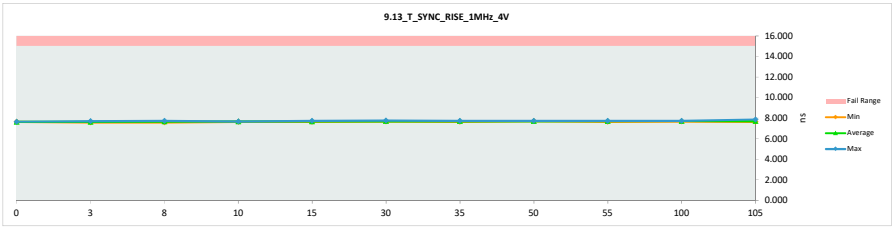
	9.13_T_SYNC_RISE_1MHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14.5	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.659	7.653	-0.006
0	992	7.683	7.640	-0.043
0	993	7.668	7.651	-0.017
3	1	7.597	7.630	0.033
3	2	7.645	7.643	-0.002
3	3	7.637	7.653	0.016
3	4	7.640	7.581	-0.059
3	5	7.634	7.702	0.068
8	6	7.673	7.730	0.057
8	7	7.700	7.570	-0.130
8	8	7.579	7.706	0.127
8	9	7.649	7.658	0.009
8	10	7.696	7.647	-0.049
10	11	7.703	7.628	-0.075
10	12	7.653	7.678	0.025
10	13	7.623	7.668	0.045
10	14	7.604	7.649	0.045
10	15	7.753	7.676	-0.077
15	16	7.687	7.656	-0.031
15	17	7.660	7.647	-0.013
15	18	7.593	7.658	0.065
15	19	7.653	7.738	0.085
15	20	7.677	7.704	0.027
30	21	7.651	7.713	0.062
30	22	7.627	7.682	0.055
30	23	7.665	7.760	0.095
30	24	7.717	7.764	0.047
30	25	7.610	7.665	0.055
35	26	7.603	7.676	0.073
35	27	7.622	7.675	0.053
35	28	7.627	7.639	0.012
35	29	7.672	7.735	0.063
35	30	7.699	7.728	0.029
50	31	7.637	7.712	0.075
50	32	7.709	7.697	-0.012
50	33	7.740	7.713	-0.027
50	34	7.586	7.725	0.139
50	35	7.701	7.731	0.030
55	36	7.663	7.739	0.076
55	37	7.673	7.637	-0.036
55	38	7.635	7.727	0.092
55	39	7.682	7.657	-0.025
55	40	7.664	7.723	0.059
100	41	7.635	7.672	0.037
100	42	7.648	7.740	0.092
100	43	7.645	7.725	0.080
100	44	7.636	7.729	0.093
100	45	7.679	7.730	0.051
105	46	7.704	7.704	0.000
105	47	7.691	7.734	0.043
105	48	7.710	7.690	-0.020
105	49	7.633	7.715	0.082
105	50	7.710	7.744	0.034
105	51	7.730	7.749	0.019
105	52	7.639	7.681	0.042
105	53	7.667	7.657	-0.010
105	54	7.655	7.864	0.209
105	55	7.621	7.794	0.173
105	56	7.735	7.736	0.001
105	57	7.702	7.686	-0.016
105	58	7.719	7.648	-0.071
105	59	7.704	7.684	-0.020
105	60	7.657	7.733	0.076
105	61	7.665	7.687	0.022
105	62	7.652	7.678	0.026
105	63	7.693	7.695	0.002
105	64	7.603	7.765	0.162
105	65	7.711	7.648	-0.063
105	66	7.630	7.681	0.051
105	67	7.698	7.682	-0.016
	Max	7.753	7.864	0.209
	Average	7.663	7.693	0.030
	Min	7.579	7.570	-0.130
	Std Dev	0.040	0.048	0.061



	9.13_T_SYNC_RISE_1MHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.640	7.581	7.570	7.628	7.647	7.665	7.639	7.697	7.637	7.672	7.648
Average	7.648	7.642	7.662	7.660	7.681	7.717	7.691	7.716	7.697	7.719	7.712
Max	7.653	7.702	7.730	7.678	7.738	7.764	7.735	7.731	7.739	7.740	7.864
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

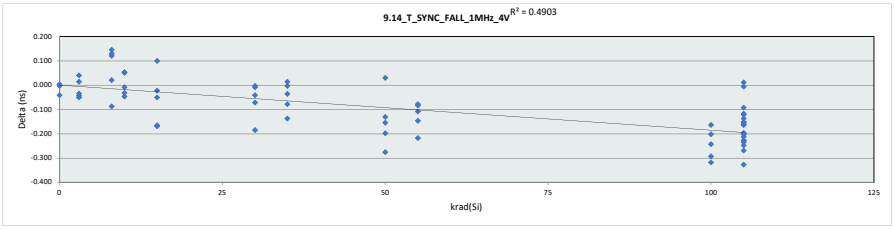


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

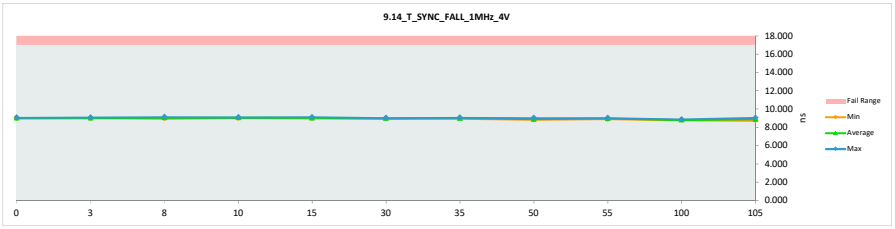
	9.14_T_SYNC_FALL_1MHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	9.040	9.041	0.001
0	992	9.008	8.965	-0.043
0	993	9.009	9.004	-0.005
3	1	9.018	9.056	0.038
3	2	8.990	9.002	0.012
3	3	9.085	9.039	-0.046
3	4	9.038	9.001	-0.037
3	5	9.047	8.994	-0.053
8	6	8.908	9.036	0.128
8	7	9.033	8.944	-0.089
8	8	8.963	9.107	0.144
8	9	8.982	9.101	0.119
8	10	8.988	9.007	0.019
10	11	9.026	9.078	0.052
10	12	9.113	9.065	-0.048
10	13	9.000	9.049	0.049
10	14	8.995	8.985	-0.010
10	15	9.122	9.088	-0.034
15	16	9.159	8.992	-0.167
15	17	9.084	9.032	-0.052
15	18	8.998	9.095	0.097
15	19	9.023	8.998	-0.025
15	20	9.154	8.983	-0.171
30	21	9.126	8.939	-0.187
30	22	8.982	8.977	-0.005
30	23	9.011	8.968	-0.043
30	24	9.026	9.015	-0.011
30	25	9.078	9.005	-0.073
35	26	9.078	9.040	-0.038
35	27	8.997	9.009	0.012
35	28	9.070	8.931	-0.139
35	29	9.019	9.014	-0.005
35	30	9.062	8.982	-0.080
50	31	9.010	8.853	-0.157
50	32	9.007	8.874	-0.133
50	33	9.078	8.878	-0.200
50	34	8.984	9.012	0.028
50	35	9.101	8.824	-0.277
55	36	9.119	8.970	-0.149
55	37	9.016	8.936	-0.080
55	38	9.093	9.008	-0.085
55	39	9.112	8.893	-0.219
55	40	9.080	8.970	-0.110
100	41	9.010	8.765	-0.245
100	42	8.984	8.780	-0.204
100	43	9.013	8.848	-0.165
100	44	9.089	8.795	-0.294
100	45	9.132	8.812	-0.320
105	46	9.066	8.737	-0.329
105	47	9.031	8.875	-0.156
105	48	9.029	8.831	-0.198
105	49	9.043	8.839	-0.204
105	50	9.060	8.831	-0.229
105	51	9.078	8.864	-0.214
105	52	9.070	8.950	-0.120
105	53	9.107	8.857	-0.250
105	54	9.067	8.796	-0.271
105	55	8.987	8.979	-0.008
105	56	9.088	8.932	-0.156
105	57	9.065	8.941	-0.124
105	58	9.070	8.834	-0.236
105	59	9.060	8.858	-0.202
105	60	9.011	9.020	0.009
105	61	9.142	8.942	-0.200
105	62	8.982	8.818	-0.164
105	63	9.115	8.884	-0.231
105	64	9.027	8.888	-0.139
105	65	9.068	8.914	-0.154
105	66	9.011	8.917	-0.094
105	67	9.034	8.868	-0.166
	Max	9.159	9.107	0.144
	Average	9.047	8.945	-0.102
	Min	8.908	8.737	-0.329
	Std Dev	0.051	0.091	0.112



	9.14_T_SYNC_FALL_1MHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.965	8.994	8.944	8.985	8.983	8.939	8.931	8.824	8.893	8.765	8.737
Average	9.003	9.018	9.039	9.053	9.020	8.981	8.995	8.888	8.955	8.800	8.881
Max	9.041	9.056	9.107	9.088	9.095	9.015	9.040	9.012	9.008	8.848	9.020
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

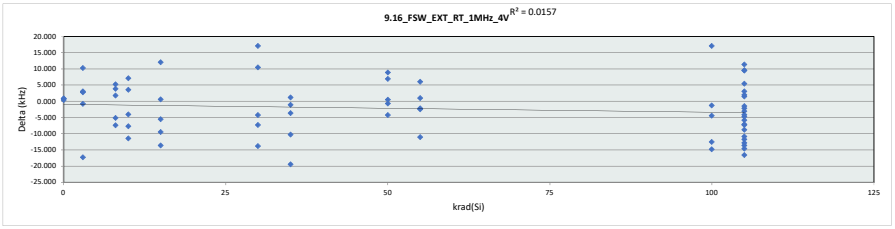


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

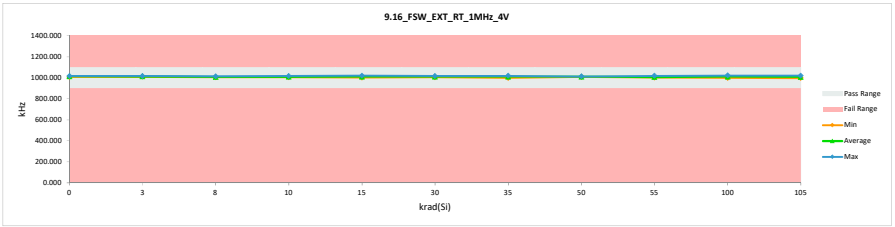
	9.16_FSW_EXT_RT_1MHz_4V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	1100	1100
Min Limit	900	900

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1011.989	1012.826	0.837
0	992	1007.457	1008.222	0.765
0	993	1016.541	1016.881	0.340
3	1	1016.918	1016.136	-0.782
3	2	1006.550	1016.798	10.248
3	3	1007.205	1009.904	2.699
3	4	1011.157	1014.158	3.001
3	5	1025.993	1008.713	-17.280
8	6	1014.489	1007.047	-7.442
8	7	1008.277	1003.120	-5.157
8	8	999.860	1003.688	3.828
8	9	1007.439	1012.672	5.233
8	10	1010.883	1012.591	1.708
10	11	1008.588	1004.518	-4.070
10	12	1015.622	1004.172	-11.450
10	13	1016.654	1008.922	-7.732
10	14	1007.976	1015.031	7.055
10	15	1005.945	1009.449	3.504
15	16	1013.943	1008.445	-5.498
15	17	1008.178	1020.199	12.021
15	18	1015.336	1001.705	-13.631
15	19	1018.746	1009.232	-9.514
15	20	1011.380	1011.953	0.573
30	21	1001.944	1012.353	10.409
30	22	1011.714	1004.391	-7.323
30	23	999.240	1016.272	17.032
30	24	1011.822	1007.590	-4.232
30	25	1021.482	1007.604	-13.878
35	26	1021.433	1011.175	-10.258
35	27	1018.684	1017.594	-1.090
35	28	1015.835	1012.159	-3.676
35	29	1016.118	996.664	-19.454
35	30	1009.827	1010.944	1.117
50	31	1013.724	1009.428	-4.296
50	32	1007.323	1006.564	-0.759
50	33	1006.484	1006.927	0.443
50	34	1003.500	1010.408	6.908
50	35	1003.000	1011.871	8.871
55	36	1012.382	1001.276	-11.106
55	37	1011.545	1017.542	5.997
55	38	1004.258	1001.734	-2.524
55	39	1004.162	1005.148	0.986
55	40	1008.660	1006.419	-2.241
100	41	1014.876	1010.427	-4.449
100	42	1013.695	998.836	-14.859
100	43	1007.577	1006.274	-1.303
100	44	1020.981	1008.450	-12.531
100	45	1004.057	1021.098	17.041
105	46	1009.695	1007.456	-2.239
105	47	1011.619	1004.462	-7.157
105	48	1013.353	1004.558	-8.795
105	49	1007.541	1004.505	-3.036
105	50	1018.905	1005.322	-13.583
105	51	1008.517	1006.974	-1.543
105	52	1007.658	1009.152	1.494
105	53	1011.841	1013.764	1.923
105	54	1020.046	1005.475	-14.571
105	55	1013.511	1000.655	-12.856
105	56	998.282	1007.790	9.508
105	57	1014.052	1003.197	-10.855
105	58	1010.211	1006.078	-4.133
105	59	1010.853	1013.884	3.031
105	60	1010.949	1006.150	-4.799
105	61	1012.876	996.264	-16.612
105	62	1013.464	1006.115	-7.349
105	63	1003.707	997.884	-5.823
105	64	1020.052	1008.268	-11.784
105	65	1005.978	1015.447	9.469
105	66	1006.808	1018.110	11.302
105	67	1008.271	1013.649	5.378
	Max	1025.993	1021.098	17.041
	Average	1010.995	1008.724	-2.271
	Min	998.282	996.264	-19.454
	Std Dev	5.688	5.510	8.339



	9.16_FSW_EXT_RT_1MHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	1100	kHz
Min Limit	900	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000
Min	1008.222	1008.713	1003.120	1004.172	1001.705	1004.391	996.664	1006.564	1001.276	998.836	996.264
Average	1012.643	1013.142	1007.824	1008.418	1010.307	1009.642	1009.707	1009.040	1006.424	1009.017	1007.053
Max	1016.881	1016.798	1012.672	1015.031	1020.199	1016.272	1017.594	1011.871	1017.542	1021.098	1018.110
UL	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000

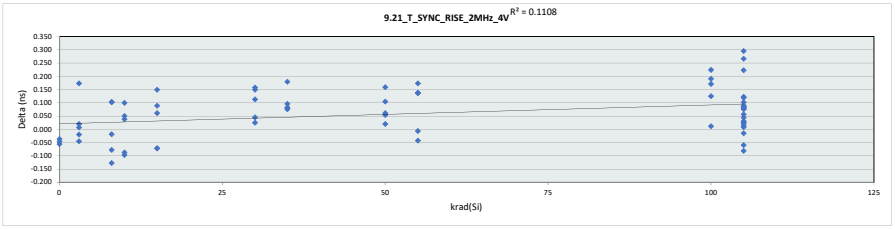


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

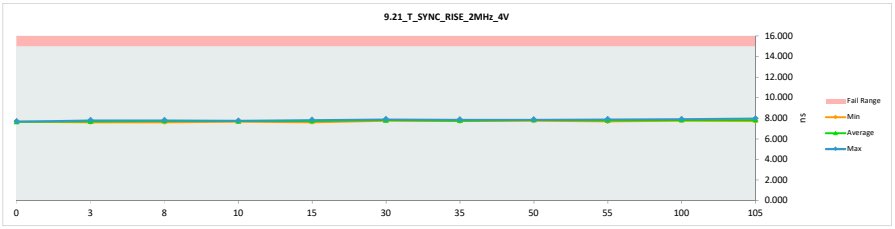
	9.21_T_SYNC_RISE_2MHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	15	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.688	7.650	-0.038
0	992	7.712	7.655	-0.057
0	993	7.710	7.662	-0.048
3	1	7.603	7.608	0.005
3	2	7.706	7.685	-0.021
3	3	7.700	7.718	0.018
3	4	7.647	7.601	-0.046
3	5	7.618	7.789	0.171
8	6	7.700	7.800	0.100
8	7	7.743	7.614	-0.129
8	8	7.684	7.786	0.102
8	9	7.713	7.693	-0.020
8	10	7.797	7.718	-0.079
10	11	7.811	7.713	-0.098
10	12	7.678	7.727	0.049
10	13	7.605	7.703	0.098
10	14	7.634	7.670	0.036
10	15	7.833	7.744	-0.089
15	16	7.756	7.683	-0.073
15	17	7.680	7.607	-0.073
15	18	7.643	7.730	0.087
15	19	7.687	7.834	0.147
15	20	7.702	7.761	0.059
30	21	7.728	7.772	0.044
30	22	7.653	7.800	0.147
30	23	7.786	7.809	0.023
30	24	7.784	7.895	0.111
30	25	7.613	7.769	0.156
35	26	7.625	7.719	0.094
35	27	7.645	7.719	0.074
35	28	7.642	7.719	0.077
35	29	7.687	7.865	0.178
35	30	7.729	7.810	0.081
50	31	7.646	7.803	0.157
50	32	7.804	7.856	0.052
50	33	7.817	7.835	0.018
50	34	7.656	7.759	0.103
50	35	7.778	7.838	0.060
55	36	7.714	7.885	0.171
55	37	7.726	7.682	-0.044
55	38	7.696	7.833	0.137
55	39	7.753	7.745	-0.008
55	40	7.702	7.836	0.134
100	41	7.646	7.769	0.123
100	42	7.679	7.901	0.222
100	43	7.672	7.860	0.188
100	44	7.643	7.812	0.169
100	45	7.748	7.758	0.010
105	46	7.781	7.824	0.043
105	47	7.762	7.836	0.074
105	48	7.740	7.823	0.083
105	49	7.727	7.816	0.089
105	50	7.767	7.884	0.117
105	51	7.800	7.921	0.121
105	52	7.705	7.786	0.081
105	53	7.689	7.744	0.055
105	54	7.715	7.796	0.081
105	55	7.671	7.964	0.293
105	56	7.833	7.858	0.025
105	57	7.773	7.780	0.007
105	58	7.790	7.729	-0.061
105	59	7.751	7.773	0.022
105	60	7.743	7.819	0.076
105	61	7.637	7.858	0.221
105	62	7.720	7.734	0.014
105	63	7.799	7.900	0.101
105	64	7.616	7.880	0.264
105	65	7.821	7.738	-0.083
105	66	7.732	7.715	-0.017
105	67	7.729	7.758	0.029
	Max	7.833	7.964	0.293
	Average	7.713	7.773	0.060
	Min	7.603	7.601	-0.129
	Std Dev	0.061	0.081	0.090



	9.21_T_SYNC_RISE_2MHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.650	7.601	7.614	7.670	7.607	7.769	7.719	7.759	7.682	7.758	7.715
Average	7.656	7.680	7.722	7.711	7.723	7.809	7.766	7.818	7.796	7.820	7.815
Max	7.662	7.789	7.800	7.744	7.834	7.895	7.865	7.856	7.885	7.901	7.964
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

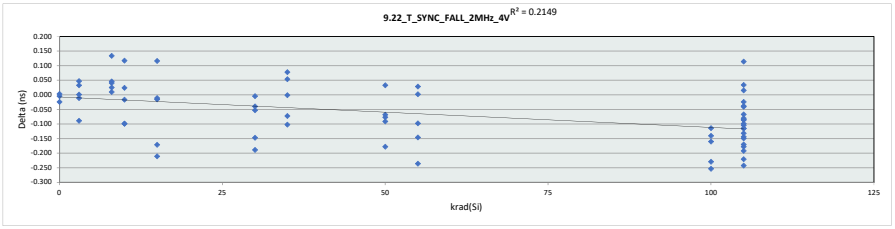


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

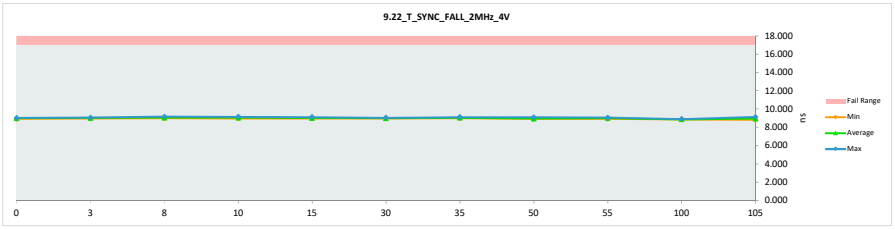
	9.22_T_SYNC_FALL_2MHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.993	8.996	0.003
0	992	8.954	8.929	-0.025
0	993	9.031	9.026	-0.005
3	1	9.019	9.066	0.047
3	2	8.964	8.952	-0.012
3	3	9.022	9.054	0.032
3	4	9.086	8.997	-0.089
3	5	9.007	9.007	0.000
8	6	8.955	9.001	0.046
8	7	9.003	9.012	0.009
8	8	9.059	9.099	0.040
8	9	9.034	9.167	0.133
8	10	8.958	8.983	0.025
10	11	9.024	9.141	0.117
10	12	9.097	9.121	0.024
10	13	9.034	9.017	-0.017
10	14	9.058	8.959	-0.099
10	15	9.167	9.068	-0.099
15	16	9.186	9.014	-0.172
15	17	9.080	9.068	-0.012
15	18	8.992	9.108	0.116
15	19	9.024	9.008	-0.016
15	20	9.154	8.943	-0.211
30	21	9.180	8.991	-0.189
30	22	9.018	8.965	-0.053
30	23	9.104	8.957	-0.147
30	24	9.029	9.024	-0.005
30	25	9.080	9.040	-0.040
35	26	9.032	9.109	0.077
35	27	9.020	9.018	-0.002
35	28	9.091	8.989	-0.102
35	29	9.009	9.062	0.053
35	30	9.085	9.012	-0.073
50	31	9.001	8.924	-0.077
50	32	9.009	8.941	-0.068
50	33	9.028	8.937	-0.091
50	34	9.066	9.098	0.032
50	35	9.097	8.919	-0.178
55	36	9.173	9.027	-0.146
55	37	8.976	9.004	0.028
55	38	9.157	9.059	-0.098
55	39	9.163	8.927	-0.236
55	40	9.033	9.035	0.002
100	41	9.003	8.842	-0.161
100	42	8.966	8.851	-0.115
100	43	9.045	8.904	-0.141
100	44	9.098	8.868	-0.230
100	45	9.139	8.885	-0.254
105	46	9.016	8.824	-0.192
105	47	8.960	8.919	-0.041
105	48	9.061	8.911	-0.150
105	49	8.995	8.909	-0.086
105	50	8.981	8.895	-0.086
105	51	9.024	8.919	-0.105
105	52	9.047	9.022	-0.025
105	53	9.146	8.903	-0.243
105	54	9.061	8.883	-0.178
105	55	9.035	9.050	0.015
105	56	9.128	9.012	-0.116
105	57	9.052	9.013	-0.039
105	58	9.130	8.909	-0.221
105	59	9.102	8.932	-0.170
105	60	9.012	9.125	0.113
105	61	9.156	9.057	-0.099
105	62	9.042	8.898	-0.144
105	63	9.121	8.989	-0.132
105	64	9.053	8.986	-0.067
105	65	9.091	9.011	-0.080
105	66	8.968	9.001	0.033
105	67	9.053	8.937	-0.116
	Max	9.186	9.167	0.133
	Average	9.053	8.989	-0.064
	Min	8.954	8.824	-0.254
	Std Dev	0.062	0.076	0.095



	9.22_T_SYNC_FALL_2MHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.929	8.952	8.983	8.959	8.943	8.957	8.989	8.919	8.927	8.842	8.824
Average	8.984	9.015	9.052	9.061	9.028	8.995	9.038	8.964	9.010	8.870	8.959
Max	9.026	9.066	9.167	9.141	9.108	9.040	9.109	9.098	9.059	8.904	9.125
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

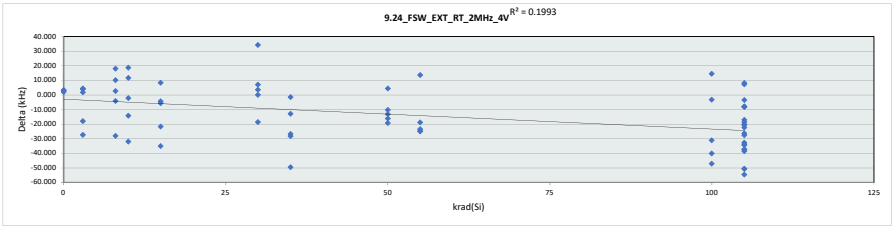


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

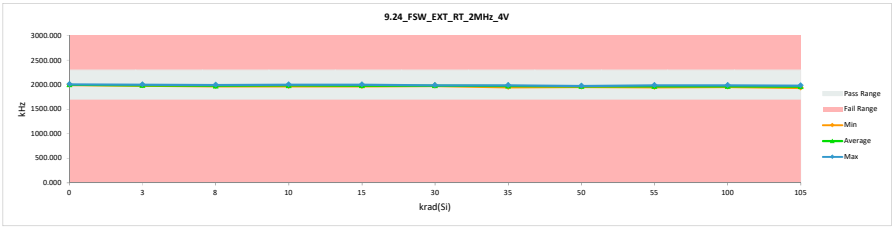
	9.24_FSW_EXT_RT_2MHz_4V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	2300	2300
Min Limit	1700	1700

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	2003.279	2006.064	2.785
0	992	1992.715	1995.627	2.912
0	993	1990.581	1992.285	1.704
3	1	1995.983	1997.427	1.444
3	2	1993.139	1997.174	4.035
3	3	2000.392	1982.174	-18.218
3	4	1985.061	1988.700	3.639
3	5	2007.674	1979.918	-27.756
8	6	1980.211	1982.452	2.241
8	7	1998.717	1970.439	-28.278
8	8	1958.795	1968.490	9.695
8	9	1978.644	1974.222	-4.422
8	10	1973.897	1991.499	17.602
10	11	1978.240	1975.748	-2.492
10	12	2002.645	1970.395	-32.250
10	13	1999.576	1984.972	-14.604
10	14	1983.870	2002.123	18.253
10	15	1975.211	1986.437	11.226
15	16	1987.851	1983.199	-4.652
15	17	1991.376	1999.422	8.046
15	18	1990.495	1968.435	-22.060
15	19	2008.744	1973.431	-35.313
15	20	1991.154	1985.148	-6.006
30	21	1972.508	1975.589	3.081
30	22	1979.998	1986.641	6.643
30	23	1956.189	1989.964	33.775
30	24	1977.342	1977.115	-0.227
30	25	2002.913	1984.007	-18.906
35	26	2001.936	1973.434	-28.502
35	27	2001.891	1988.689	-13.202
35	28	1997.625	1970.532	-27.093
35	29	1995.621	1945.814	-49.807
35	30	1981.494	1979.670	-1.824
50	31	1986.711	1967.122	-19.589
50	32	1976.557	1963.123	-13.434
50	33	1980.596	1964.128	-16.468
50	34	1970.902	1974.924	4.022
50	35	1967.515	1956.900	-10.615
55	36	1973.954	1948.838	-25.116
55	37	1989.679	1970.432	-19.247
55	38	1977.788	1953.928	-23.860
55	39	1973.296	1986.520	13.224
55	40	1988.516	1963.292	-25.224
100	41	2000.249	1968.803	-31.446
100	42	2000.637	1953.296	-47.341
100	43	1982.883	1979.348	-3.535
100	44	2003.101	1962.619	-40.482
100	45	1973.802	1987.874	14.072
105	46	1978.687	1950.787	-27.900
105	47	1990.757	1982.643	-8.114
105	48	1983.270	1950.292	-32.978
105	49	2001.701	1950.637	-51.064
105	50	2002.237	1947.264	-54.973
105	51	1986.958	1952.865	-34.093
105	52	1995.419	1968.851	-26.568
105	53	1981.831	1973.223	-8.608
105	54	1998.837	1960.009	-38.828
105	55	1979.499	1944.777	-34.722
105	56	1955.531	1963.411	7.880
105	57	1989.535	1969.086	-20.449
105	58	1982.280	1961.386	-20.894
105	59	1975.649	1971.908	-3.741
105	60	1978.292	1960.910	-17.382
105	61	1996.703	1945.819	-50.884
105	62	1973.198	1954.314	-18.884
105	63	1973.343	1935.540	-37.803
105	64	1984.399	1946.856	-37.543
105	65	1970.666	1977.581	6.915
105	66	2000.541	1977.930	-22.611
105	67	1982.233	1973.796	-8.437
	Max	2008.744	2006.064	33.775
	Average	1986.336	1972.118	-14.218
	Min	1955.531	1935.540	-54.973
	Std Dev	12.432	15.924	19.356



	9.24_FSW_EXT_RT_2MHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	2300	kHz
Min Limit	1700	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000
Min	1992.285	1979.918	1968.490	1970.395	1968.435	1975.589	1945.814	1956.900	1948.838	1953.296	1935.540
Average	1997.992	1989.079	1977.420	1983.935	1981.927	1982.663	1971.628	1965.239	1964.602	1970.388	1959.995
Max	2006.064	1997.427	1991.499	2002.123	1999.422	1989.964	1988.689	1974.924	1986.520	1987.874	1982.643
UL	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000

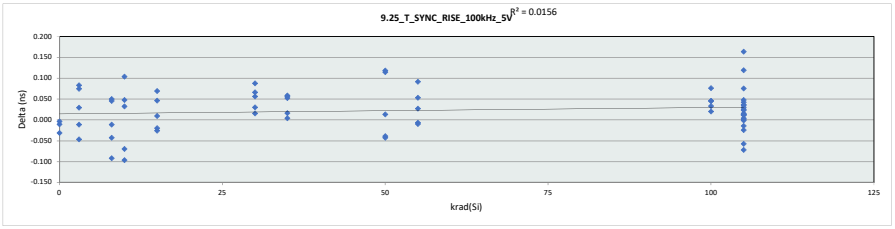


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

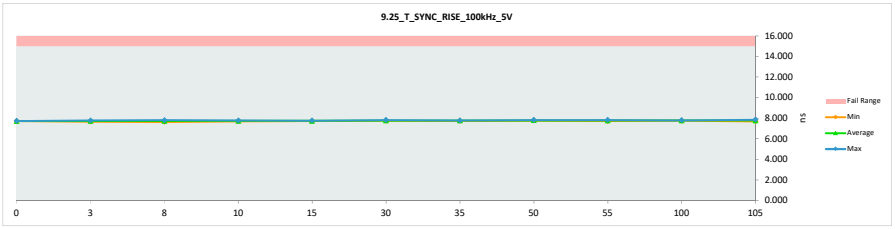
	9.25_T_SYNC_RISE_100kHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.748	7.716	-0.032
0	992	7.728	7.724	-0.004
0	993	7.725	7.714	-0.011
3	1	7.687	7.675	-0.012
3	2	7.706	7.735	0.029
3	3	7.673	7.747	0.074
3	4	7.714	7.667	-0.047
3	5	7.693	7.776	0.083
8	6	7.750	7.800	0.050
8	7	7.738	7.646	-0.092
8	8	7.721	7.766	0.045
8	9	7.738	7.726	-0.012
8	10	7.766	7.723	-0.043
10	11	7.768	7.698	-0.070
10	12	7.730	7.777	0.047
10	13	7.667	7.770	0.103
10	14	7.680	7.712	0.032
10	15	7.822	7.725	-0.097
15	16	7.767	7.741	-0.026
15	17	7.724	7.704	-0.020
15	18	7.689	7.758	0.069
15	19	7.711	7.757	0.046
15	20	7.740	7.749	0.009
30	21	7.773	7.788	0.015
30	22	7.685	7.741	0.056
30	23	7.773	7.803	0.030
30	24	7.759	7.825	0.066
30	25	7.649	7.736	0.087
35	26	7.696	7.748	0.052
35	27	7.680	7.738	0.058
35	28	7.729	7.733	0.004
35	29	7.714	7.770	0.056
35	30	7.754	7.770	0.016
50	31	7.708	7.822	0.114
50	32	7.805	7.766	-0.039
50	33	7.803	7.760	-0.043
50	34	7.666	7.784	0.118
50	35	7.774	7.787	0.013
55	36	7.764	7.817	0.053
55	37	7.719	7.709	-0.010
55	38	7.686	7.777	0.091
55	39	7.746	7.739	-0.007
55	40	7.739	7.766	0.027
100	41	7.720	7.740	0.020
100	42	7.715	7.791	0.076
100	43	7.740	7.785	0.045
100	44	7.740	7.773	0.033
100	45	7.742	7.787	0.045
105	46	7.786	7.784	-0.002
105	47	7.717	7.792	0.075
105	48	7.751	7.762	0.011
105	49	7.725	7.740	0.015
105	50	7.770	7.800	0.030
105	51	7.784	7.809	0.025
105	52	7.696	7.743	0.047
105	53	7.729	7.733	0.004
105	54	7.722	7.757	0.035
105	55	7.688	7.851	0.163
105	56	7.785	7.797	0.012
105	57	7.779	7.754	-0.025
105	58	7.769	7.697	-0.072
105	59	7.772	7.757	-0.015
105	60	7.749	7.791	0.042
105	61	7.739	7.762	0.023
105	62	7.720	7.756	0.036
105	63	7.778	7.779	0.001
105	64	7.698	7.817	0.119
105	65	7.777	7.719	-0.058
105	66	7.712	7.725	0.013
105	67	7.738	7.749	0.011
	Max	7.822	7.851	0.163
	Average	7.734	7.756	0.023
	Min	7.649	7.646	-0.097
	Std Dev	0.037	0.038	0.051



	9.25_T_SYNC_RISE_100kHz_5	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.714	7.667	7.646	7.698	7.704	7.736	7.733	7.760	7.709	7.740	7.697
Average	7.718	7.720	7.732	7.736	7.742	7.779	7.752	7.784	7.762	7.775	7.767
Max	7.724	7.776	7.800	7.777	7.758	7.825	7.770	7.822	7.817	7.791	7.851
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

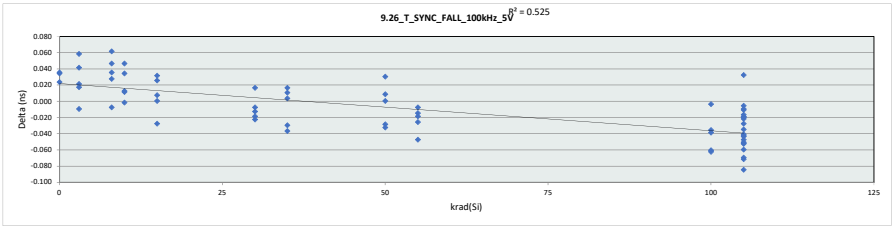


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

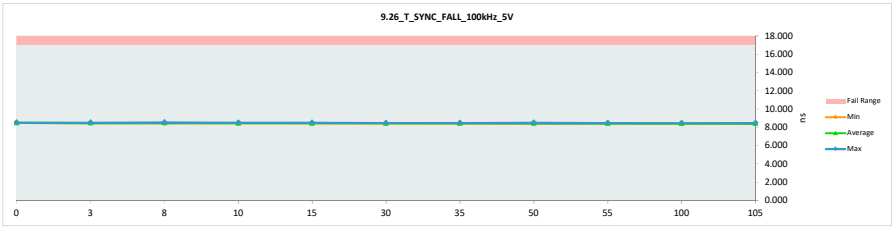
	9.26_T_SYNC_FALL_100kHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.455	8.490	0.035
0	992	8.446	8.480	0.034
0	993	8.452	8.475	0.023
3	1	8.452	8.473	0.021
3	2	8.472	8.462	-0.010
3	3	8.444	8.485	0.041
3	4	8.447	8.464	0.017
3	5	8.434	8.492	0.058
8	6	8.439	8.474	0.035
8	7	8.467	8.459	-0.008
8	8	8.437	8.498	0.061
8	9	8.496	8.523	0.027
8	10	8.444	8.490	0.046
10	11	8.454	8.466	0.012
10	12	8.460	8.494	0.034
10	13	8.419	8.465	0.046
10	14	8.450	8.461	0.011
10	15	8.476	8.474	-0.002
15	16	8.474	8.481	0.007
15	17	8.428	8.459	0.031
15	18	8.453	8.478	0.025
15	19	8.449	8.449	0.000
15	20	8.466	8.438	-0.028
30	21	8.462	8.449	-0.013
30	22	8.467	8.459	-0.008
30	23	8.445	8.422	-0.023
30	24	8.488	8.469	-0.019
30	25	8.453	8.469	0.016
35	26	8.440	8.456	0.016
35	27	8.471	8.441	-0.030
35	28	8.495	8.458	-0.037
35	29	8.466	8.469	0.003
35	30	8.448	8.458	0.010
50	31	8.451	8.481	0.030
50	32	8.435	8.406	-0.029
50	33	8.460	8.427	-0.033
50	34	8.442	8.442	0.000
50	35	8.454	8.462	0.008
55	36	8.458	8.443	-0.015
55	37	8.444	8.425	-0.019
55	38	8.468	8.460	-0.008
55	39	8.500	8.452	-0.048
55	40	8.475	8.449	-0.026
100	41	8.476	8.440	-0.036
100	42	8.451	8.447	-0.004
100	43	8.475	8.414	-0.061
100	44	8.460	8.397	-0.063
100	45	8.470	8.431	-0.039
105	46	8.469	8.418	-0.051
105	47	8.464	8.444	-0.020
105	48	8.447	8.406	-0.041
105	49	8.459	8.415	-0.044
105	50	8.445	8.428	-0.017
105	51	8.464	8.411	-0.053
105	52	8.473	8.445	-0.028
105	53	8.494	8.409	-0.085
105	54	8.493	8.421	-0.072
105	55	8.475	8.415	-0.060
105	56	8.435	8.467	0.032
105	57	8.456	8.434	-0.022
105	58	8.417	8.406	-0.011
105	59	8.456	8.421	-0.035
105	60	8.442	8.436	-0.006
105	61	8.490	8.470	-0.020
105	62	8.472	8.452	-0.020
105	63	8.505	8.435	-0.070
105	64	8.485	8.442	-0.043
105	65	8.465	8.455	-0.010
105	66	8.459	8.407	-0.052
105	67	8.479	8.431	-0.048
	Max	8.505	8.523	0.061
	Average	8.460	8.450	-0.010
	Min	8.417	8.397	-0.085
	Std Dev	0.019	0.027	0.034



	9.26_T_SYNC_FALL_100kHz_5	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.475	8.462	8.459	8.461	8.438	8.422	8.441	8.406	8.425	8.397	8.406
Average	8.482	8.475	8.489	8.472	8.461	8.454	8.456	8.444	8.446	8.426	8.430
Max	8.490	8.492	8.523	8.494	8.481	8.469	8.469	8.481	8.460	8.447	8.470
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

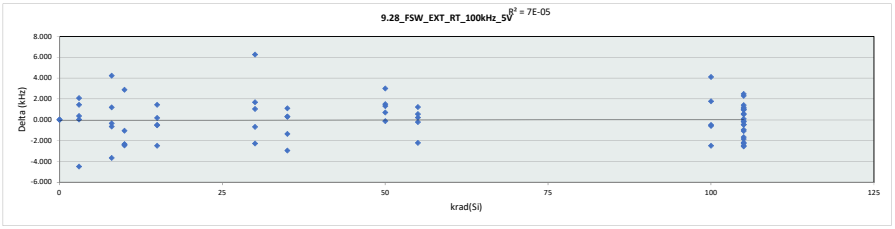


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

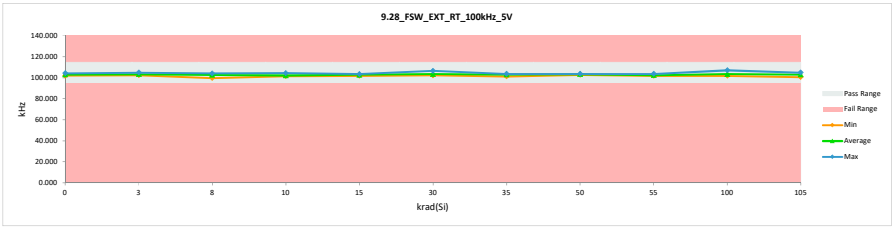
	9.28_FSW_EXT_RT_100kHz_5V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	115	115
Min Limit	95	95

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	103.192	103.198	0.006
0	992	101.986	101.998	0.012
0	993	104.194	104.189	-0.005
3	1	102.749	104.834	2.085
3	2	102.744	104.191	1.447
3	3	103.070	103.089	0.019
3	4	102.513	102.869	0.356
3	5	106.869	102.366	-4.503
8	6	104.242	103.583	-0.659
8	7	103.354	99.698	-3.656
8	8	98.103	102.317	4.214
8	9	102.922	104.117	1.195
8	10	104.420	104.087	-0.333
10	11	104.086	101.720	-2.366
10	12	103.912	101.453	-2.459
10	13	103.990	101.645	-2.345
10	14	101.560	104.429	2.869
10	15	102.744	101.686	-1.058
15	16	104.252	101.768	-2.484
15	17	101.994	103.415	1.421
15	18	103.029	102.516	-0.513
15	19	104.099	103.559	-0.540
15	20	103.351	103.516	0.165
30	21	101.233	102.912	1.679
30	22	101.314	102.338	1.024
30	23	100.321	106.557	6.236
30	24	103.823	103.139	-0.684
30	25	104.750	102.470	-2.280
35	26	103.463	103.762	0.299
35	27	102.588	103.686	1.098
35	28	104.877	103.525	-1.352
35	29	104.215	101.270	-2.945
35	30	103.187	103.495	0.308
50	31	102.869	103.561	0.692
50	32	102.175	103.493	1.318
50	33	103.658	103.527	-0.131
50	34	99.775	102.781	3.006
50	35	102.247	103.729	1.482
55	36	104.098	101.866	-2.232
55	37	103.967	103.749	-0.218
55	38	101.660	102.198	0.538
55	39	101.576	102.796	1.220
55	40	101.571	101.774	0.203
100	41	104.308	101.812	-2.496
100	42	102.477	101.900	-0.577
100	43	101.710	103.495	1.785
100	44	103.614	103.121	-0.493
100	45	102.960	107.062	4.102
105	46	103.598	104.159	0.561
105	47	103.427	103.523	0.096
105	48	103.010	102.544	-0.466
105	49	102.748	102.545	-0.203
105	50	106.569	104.070	-2.499
105	51	103.530	104.040	0.510
105	52	101.912	102.909	0.997
105	53	103.481	104.413	0.932
105	54	103.806	101.953	-1.853
105	55	103.662	102.588	-1.074
105	56	101.358	103.659	2.301
105	57	103.717	101.530	-2.187
105	58	103.211	102.263	-0.948
105	59	103.095	104.123	1.028
105	60	103.732	103.614	-0.118
105	61	103.139	100.591	-2.548
105	62	103.585	101.291	-2.294
105	63	102.297	100.637	-1.660
105	64	104.307	103.851	-0.456
105	65	102.466	104.940	2.474
105	66	102.803	103.989	1.186
105	67	101.785	103.190	1.405
	Max	106.869	107.062	6.236
	Average	103.044	103.038	-0.005
	Min	98.103	99.698	-4.503
	Std Dev	1.347	1.255	1.913



	9.28_FSW_EXT_RT_100kHz_5	
Test Site		
Tester		
Test Number		
Max Limit	115	kHz
Min Limit	95	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000
Min	101.998	102.366	99.698	101.453	101.768	102.338	101.270	102.781	101.774	101.812	100.591
Average	103.128	103.470	102.760	102.187	102.955	103.483	103.148	103.418	102.477	103.478	103.019
Max	104.189	104.834	104.117	104.429	103.559	106.557	103.762	103.729	103.749	107.062	104.940
UL	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000

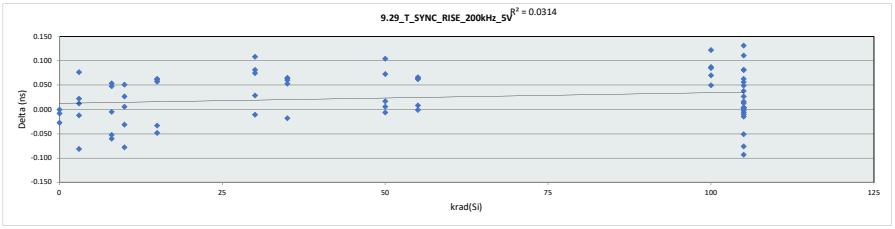


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

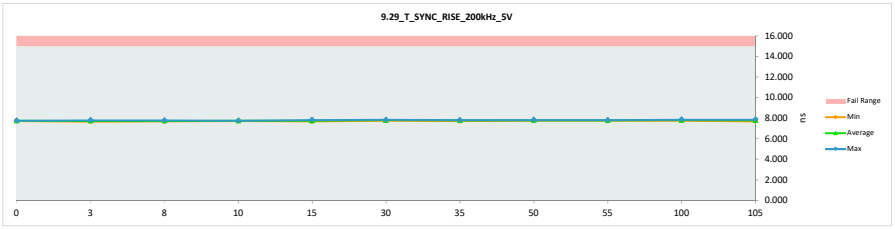
	9.29_T_SYNC_RISE_200kHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.739	7.730	-0.009
0	992	7.749	7.721	-0.028
0	993	7.751	7.750	-0.001
3	1	7.674	7.685	0.011
3	2	7.741	7.728	-0.013
3	3	7.723	7.744	0.021
3	4	7.749	7.667	-0.082
3	5	7.709	7.785	0.076
8	6	7.734	7.781	0.047
8	7	7.724	7.671	-0.053
8	8	7.709	7.762	0.053
8	9	7.715	7.709	-0.006
8	10	7.774	7.713	-0.061
10	11	7.751	7.719	-0.032
10	12	7.726	7.731	0.005
10	13	7.696	7.746	0.050
10	14	7.699	7.725	0.026
10	15	7.822	7.743	-0.079
15	16	7.780	7.731	-0.049
15	17	7.705	7.671	-0.034
15	18	7.685	7.741	0.056
15	19	7.757	7.817	0.060
15	20	7.725	7.787	0.062
30	21	7.724	7.831	0.107
30	22	7.703	7.731	0.028
30	23	7.745	7.819	0.074
30	24	7.844	7.832	-0.012
30	25	7.678	7.758	0.080
35	26	7.700	7.764	0.064
35	27	7.716	7.768	0.052
35	28	7.736	7.717	-0.019
35	29	7.728	7.791	0.063
35	30	7.737	7.796	0.059
50	31	7.716	7.819	0.103
50	32	7.763	7.779	0.016
50	33	7.787	7.792	0.005
50	34	7.695	7.767	0.072
50	35	7.780	7.773	-0.007
55	36	7.733	7.794	0.061
55	37	7.749	7.747	-0.002
55	38	7.727	7.792	0.065
55	39	7.736	7.743	0.007
55	40	7.724	7.788	0.064
100	41	7.708	7.757	0.049
100	42	7.725	7.846	0.121
100	43	7.723	7.809	0.086
100	44	7.721	7.790	0.069
100	45	7.750	7.834	0.084
105	46	7.782	7.785	0.003
105	47	7.744	7.799	0.055
105	48	7.771	7.760	-0.011
105	49	7.728	7.790	0.062
105	50	7.779	7.805	0.026
105	51	7.760	7.808	0.048
105	52	7.729	7.741	0.012
105	53	7.748	7.696	-0.052
105	54	7.760	7.753	-0.007
105	55	7.718	7.848	0.130
105	56	7.772	7.852	0.080
105	57	7.767	7.770	0.003
105	58	7.802	7.708	-0.094
105	59	7.765	7.768	0.003
105	60	7.779	7.779	0.000
105	61	7.733	7.813	0.080
105	62	7.742	7.739	-0.003
105	63	7.753	7.790	0.037
105	64	7.683	7.793	0.110
105	65	7.779	7.702	-0.077
105	66	7.723	7.738	0.015
105	67	7.754	7.738	-0.016
	Max	7.844	7.852	0.130
	Average	7.739	7.764	0.024
	Min	7.674	7.667	-0.094
	Std Dev	0.033	0.044	0.052



	9.29_T_SYNC_RISE_200kHz_5	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.721	7.667	7.671	7.719	7.671	7.731	7.717	7.767	7.743	7.757	7.696
Average	7.734	7.722	7.727	7.733	7.749	7.794	7.767	7.786	7.773	7.807	7.772
Max	7.750	7.785	7.781	7.746	7.817	7.832	7.796	7.819	7.794	7.846	7.852
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

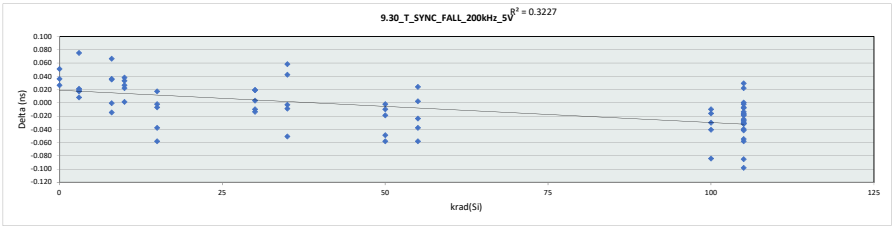


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

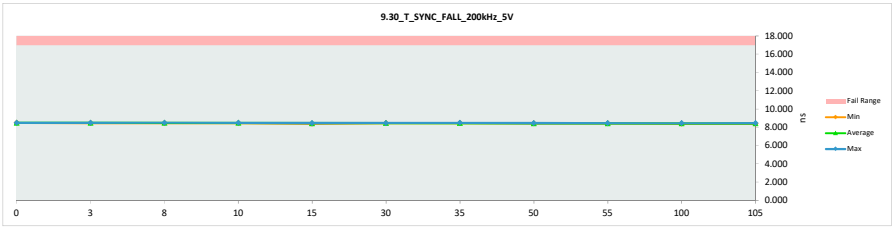
	9.30_T_SYNC_FALL_200kHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.451	8.502	0.051
0	992	8.465	8.501	0.036
0	993	8.456	8.482	0.026
3	1	8.454	8.462	0.008
3	2	8.450	8.469	0.019
3	3	8.462	8.483	0.021
3	4	8.422	8.497	0.075
3	5	8.446	8.463	0.017
8	6	8.447	8.482	0.035
8	7	8.469	8.454	-0.015
8	8	8.450	8.486	0.036
8	9	8.439	8.505	0.066
8	10	8.454	8.453	-0.001
10	11	8.464	8.486	0.022
10	12	8.467	8.468	0.001
10	13	8.452	8.490	0.038
10	14	8.441	8.467	0.026
10	15	8.438	8.471	0.033
15	16	8.472	8.465	-0.007
15	17	8.450	8.392	-0.058
15	18	8.442	8.459	0.017
15	19	8.441	8.439	-0.002
15	20	8.476	8.438	-0.038
30	21	8.472	8.458	-0.014
30	22	8.450	8.453	0.003
30	23	8.450	8.440	-0.010
30	24	8.440	8.459	0.019
30	25	8.455	8.474	0.019
35	26	8.450	8.447	-0.003
35	27	8.457	8.499	0.042
35	28	8.498	8.447	-0.051
35	29	8.457	8.448	-0.009
35	30	8.397	8.455	0.058
50	31	8.469	8.420	-0.049
50	32	8.449	8.447	-0.002
50	33	8.474	8.416	-0.058
50	34	8.444	8.434	-0.010
50	35	8.471	8.452	-0.019
55	36	8.480	8.442	-0.038
55	37	8.421	8.445	0.024
55	38	8.457	8.433	-0.024
55	39	8.479	8.421	-0.058
55	40	8.453	8.455	0.002
100	41	8.443	8.402	-0.041
100	42	8.458	8.442	-0.016
100	43	8.462	8.432	-0.030
100	44	8.439	8.429	-0.010
100	45	8.465	8.381	-0.084
105	46	8.444	8.466	0.022
105	47	8.430	8.428	-0.002
105	48	8.437	8.406	-0.031
105	49	8.468	8.410	-0.058
105	50	8.429	8.429	0.000
105	51	8.456	8.438	-0.018
105	52	8.470	8.438	-0.032
105	53	8.494	8.396	-0.098
105	54	8.476	8.421	-0.055
105	55	8.445	8.438	-0.007
105	56	8.455	8.430	-0.025
105	57	8.456	8.448	-0.008
105	58	8.397	8.426	0.029
105	59	8.458	8.442	-0.016
105	60	8.453	8.434	-0.019
105	61	8.458	8.444	-0.014
105	62	8.457	8.428	-0.029
105	63	8.487	8.402	-0.085
105	64	8.452	8.410	-0.042
105	65	8.459	8.419	-0.040
105	66	8.454	8.427	-0.027
105	67	8.457	8.426	-0.031
	Max	8.498	8.505	0.075
	Average	8.454	8.446	-0.008
	Min	8.397	8.381	-0.098
	Std Dev	0.018	0.028	0.036



	9.30_T_SYNC_FALL_200kHz_5	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.482	8.462	8.453	8.467	8.392	8.440	8.447	8.416	8.421	8.381	8.396
Average	8.495	8.475	8.476	8.476	8.439	8.457	8.459	8.434	8.439	8.417	8.428
Max	8.502	8.497	8.505	8.490	8.465	8.474	8.499	8.452	8.455	8.442	8.466
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

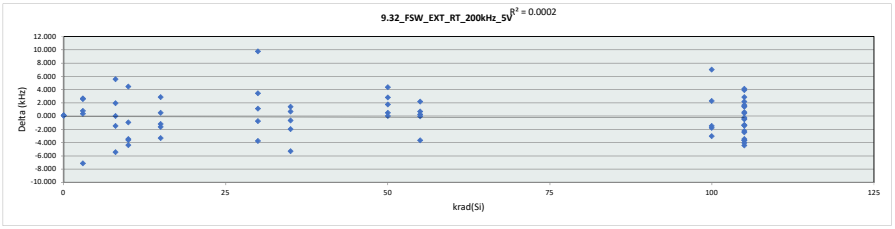


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

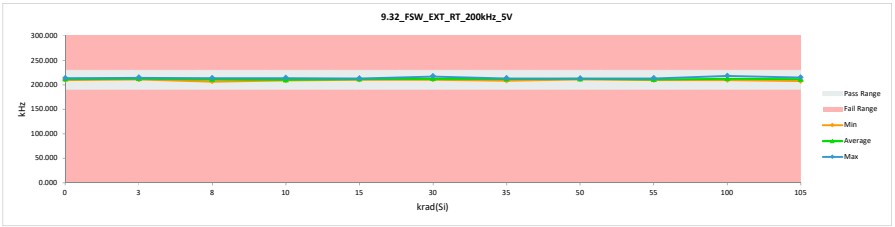
	9.32_FSW_EXT_RT_200kHz_5V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	230	230
Min Limit	190	190

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	211.766	211.812	0.046
0	992	209.742	209.799	0.057
0	993	213.288	213.280	-0.008
3	1	211.716	214.222	2.506
3	2	210.866	213.444	2.578
3	3	211.280	211.584	0.304
3	4	210.885	211.617	0.732
3	5	217.772	210.589	-7.183
8	6	213.507	211.978	-1.529
8	7	211.949	206.456	-5.493
8	8	204.564	210.030	5.466
8	9	211.162	213.032	1.870
8	10	213.257	213.223	-0.034
10	11	212.737	209.215	-3.522
10	12	213.081	208.641	-4.440
10	13	213.208	209.556	-3.652
10	14	209.156	213.530	4.374
10	15	210.702	209.661	-1.041
15	16	213.198	209.836	-3.362
15	17	209.907	212.714	2.807
15	18	211.872	210.166	-1.706
15	19	213.534	212.296	-1.238
15	20	212.096	212.544	0.448
30	21	208.500	211.886	3.386
30	22	209.295	210.339	1.044
30	23	207.121	216.804	9.683
30	24	212.611	211.803	-0.808
30	25	214.492	210.668	-3.824
35	26	213.247	212.498	-0.749
35	27	211.577	212.912	1.335
35	28	214.314	212.259	-2.055
35	29	213.423	208.041	-5.382
35	30	211.713	212.318	0.605
50	31	211.583	212.027	0.444
50	32	210.238	211.913	1.675
50	33	212.052	211.987	-0.065
50	34	206.579	210.868	4.289
50	35	209.914	212.636	2.722
55	36	212.970	209.268	-3.702
55	37	213.031	212.949	-0.082
55	38	209.146	209.782	0.636
55	39	208.869	210.982	2.113
55	40	209.459	209.641	0.182
100	41	213.354	210.281	-3.073
100	42	211.047	209.204	-1.843
100	43	209.675	211.877	2.202
100	44	213.007	211.476	-1.531
100	45	210.940	217.874	6.934
105	46	212.397	212.908	0.511
105	47	212.375	212.065	-0.310
105	48	212.028	210.541	-1.487
105	49	211.087	210.534	-0.553
105	50	216.924	212.453	-4.471
105	51	212.309	212.684	0.375
105	52	209.959	211.293	1.334
105	53	212.150	213.711	1.561
105	54	213.233	209.502	-3.731
105	55	212.549	210.208	-2.341
105	56	208.264	212.116	3.852
105	57	212.768	209.055	-3.713
105	58	211.697	210.299	-1.398
105	59	211.752	213.168	1.416
105	60	212.516	212.044	-0.472
105	61	211.525	207.442	-4.083
105	62	212.522	208.985	-3.537
105	63	210.030	207.511	-2.519
105	64	213.812	212.375	-1.437
105	65	210.393	214.424	4.031
105	66	210.990	213.762	2.772
105	67	209.823	211.918	2.095
	Max	217.772	217.874	9.683
	Average	211.579	211.436	-0.143
	Min	204.564	206.456	-7.183
	Std Dev	2.110	1.996	3.040



	9.32_FSW_EXT_RT_200kHz_5	
Test Site		
Tester		
Test Number		
Max Limit	230	kHz
Min Limit	190	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000
Min	209.799	210.589	206.456	208.641	209.836	210.339	208.041	210.868	209.268	209.204	207.442
Average	211.630	212.291	210.944	210.121	211.511	212.300	211.606	211.886	210.524	212.142	211.318
Max	213.280	214.222	213.223	213.530	212.714	216.804	212.912	212.636	212.949	217.874	214.424
UL	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000

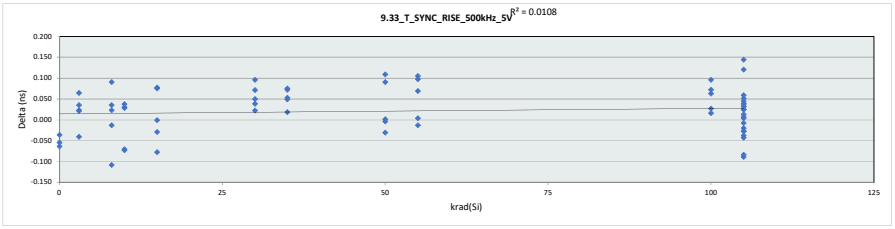


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

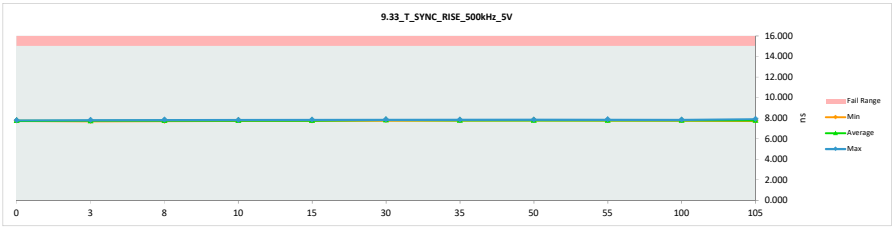
	9.33_T_SYNC_RISE_500kHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.829	7.774	-0.055
0	992	7.784	7.720	-0.064
0	993	7.795	7.759	-0.036
3	1	7.698	7.721	0.023
3	2	7.736	7.757	0.021
3	3	7.730	7.765	0.035
3	4	7.751	7.710	-0.041
3	5	7.719	7.783	0.064
8	6	7.780	7.803	0.023
8	7	7.811	7.703	-0.108
8	8	7.733	7.823	0.090
8	9	7.741	7.776	0.035
8	10	7.771	7.758	-0.013
10	11	7.837	7.766	-0.071
10	12	7.744	7.781	0.037
10	13	7.731	7.761	0.030
10	14	7.724	7.752	0.028
10	15	7.859	7.786	-0.073
15	16	7.812	7.734	-0.078
15	17	7.755	7.754	-0.001
15	18	7.697	7.774	0.077
15	19	7.743	7.818	0.075
15	20	7.804	7.775	-0.029
30	21	7.768	7.806	0.038
30	22	7.733	7.804	0.071
30	23	7.779	7.829	0.050
30	24	7.841	7.863	0.022
30	25	7.704	7.800	0.096
35	26	7.735	7.788	0.053
35	27	7.730	7.805	0.075
35	28	7.742	7.760	0.018
35	29	7.784	7.833	0.049
35	30	7.754	7.826	0.072
50	31	7.708	7.798	0.090
50	32	7.800	7.801	0.001
50	33	7.851	7.820	-0.031
50	34	7.688	7.797	0.109
50	35	7.805	7.801	-0.004
55	36	7.772	7.869	0.097
55	37	7.771	7.758	-0.013
55	38	7.736	7.841	0.105
55	39	7.774	7.778	0.004
55	40	7.748	7.817	0.069
100	41	7.752	7.768	0.016
100	42	7.739	7.835	0.096
100	43	7.747	7.819	0.072
100	44	7.751	7.814	0.063
100	45	7.780	7.807	0.027
105	46	7.813	7.775	-0.038
105	47	7.777	7.815	0.038
105	48	7.809	7.801	-0.008
105	49	7.775	7.807	0.032
105	50	7.813	7.826	0.013
105	51	7.817	7.841	0.024
105	52	7.739	7.777	0.038
105	53	7.778	7.751	-0.027
105	54	7.763	7.814	0.051
105	55	7.756	7.900	0.144
105	56	7.828	7.808	-0.020
105	57	7.794	7.766	-0.028
105	58	7.825	7.736	-0.089
105	59	7.796	7.803	0.007
105	60	7.765	7.824	0.059
105	61	7.749	7.774	0.025
105	62	7.749	7.753	0.004
105	63	7.778	7.822	0.044
105	64	7.726	7.846	0.120
105	65	7.813	7.729	-0.084
105	66	7.727	7.759	0.032
105	67	7.813	7.770	-0.043
	Max	7.859	7.900	0.144
	Average	7.768	7.790	0.022
	Min	7.688	7.703	-0.108
	Std Dev	0.040	0.038	0.055



	9.33_T_SYNC_RISE_500kHz_5	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.720	7.710	7.703	7.752	7.734	7.800	7.760	7.797	7.758	7.768	7.729
Average	7.751	7.747	7.773	7.769	7.771	7.820	7.802	7.803	7.813	7.809	7.795
Max	7.774	7.783	7.823	7.786	7.818	7.863	7.833	7.820	7.869	7.835	7.900
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

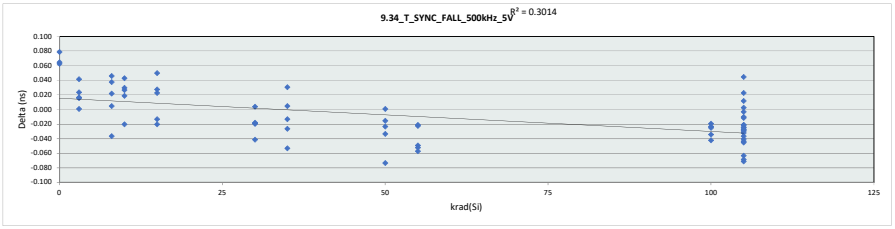


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

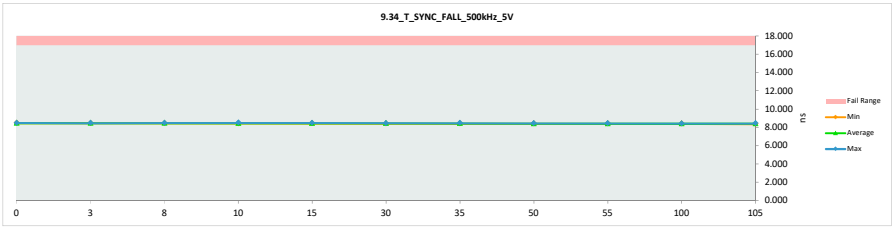
	9.34_T_SYNC_FALL_500kHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.391	8.455	0.064
0	992	8.392	8.470	0.078
0	993	8.380	8.442	0.062
3	1	8.411	8.452	0.041
3	2	8.429	8.452	0.023
3	3	8.419	8.435	0.016
3	4	8.434	8.449	0.015
3	5	8.441	8.441	0.000
8	6	8.423	8.468	0.045
8	7	8.457	8.420	-0.037
8	8	8.432	8.436	0.004
8	9	8.419	8.456	0.037
8	10	8.421	8.442	0.021
10	11	8.400	8.442	0.042
10	12	8.446	8.475	0.029
10	13	8.424	8.403	-0.021
10	14	8.402	8.428	0.026
10	15	8.418	8.436	0.018
15	16	8.434	8.456	0.022
15	17	8.434	8.413	-0.021
15	18	8.416	8.465	0.049
15	19	8.427	8.413	-0.014
15	20	8.403	8.430	0.027
30	21	8.431	8.412	-0.019
30	22	8.412	8.415	0.003
30	23	8.444	8.402	-0.042
30	24	8.454	8.434	-0.020
30	25	8.434	8.414	-0.020
35	26	8.413	8.443	0.030
35	27	8.438	8.442	0.004
35	28	8.430	8.403	-0.027
35	29	8.416	8.402	-0.014
35	30	8.455	8.401	-0.054
50	31	8.417	8.401	-0.016
50	32	8.426	8.402	-0.024
50	33	8.469	8.395	-0.074
50	34	8.416	8.382	-0.034
50	35	8.428	8.428	0.000
55	36	8.434	8.381	-0.053
55	37	8.425	8.403	-0.022
55	38	8.435	8.412	-0.023
55	39	8.466	8.408	-0.058
55	40	8.453	8.403	-0.050
100	41	8.416	8.381	-0.035
100	42	8.418	8.398	-0.020
100	43	8.428	8.402	-0.026
100	44	8.412	8.388	-0.024
100	45	8.428	8.385	-0.043
105	46	8.409	8.387	-0.022
105	47	8.436	8.399	-0.037
105	48	8.412	8.387	-0.025
105	49	8.389	8.345	-0.044
105	50	8.404	8.393	-0.011
105	51	8.443	8.374	-0.069
105	52	8.393	8.404	0.011
105	53	8.464	8.392	-0.072
105	54	8.415	8.387	-0.028
105	55	8.426	8.400	-0.026
105	56	8.420	8.387	-0.033
105	57	8.421	8.380	-0.041
105	58	8.353	8.397	0.044
105	59	8.430	8.401	-0.029
105	60	8.398	8.400	0.002
105	61	8.402	8.398	-0.004
105	62	8.436	8.414	-0.022
105	63	8.421	8.409	-0.012
105	64	8.457	8.393	-0.064
105	65	8.385	8.407	0.022
105	66	8.394	8.364	-0.030
105	67	8.453	8.407	-0.046
	Max	8.469	8.475	0.078
	Average	8.423	8.413	-0.010
	Min	8.353	8.345	-0.074
	Std Dev	0.022	0.027	0.035



	9.34_T_SYNC_FALL_500kHz_5	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.442	8.435	8.420	8.403	8.413	8.402	8.401	8.382	8.381	8.381	8.345
Average	8.456	8.446	8.444	8.437	8.435	8.415	8.418	8.402	8.401	8.391	8.392
Max	8.470	8.452	8.468	8.475	8.465	8.434	8.443	8.428	8.412	8.402	8.414
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

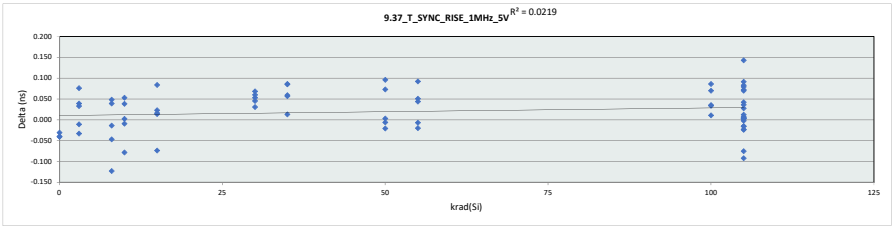


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

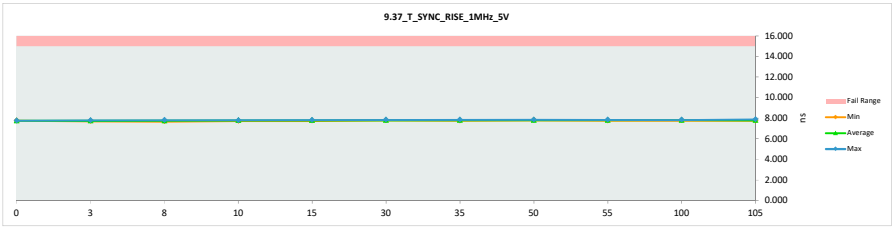
	9.37_T_SYNC_RISE_1MHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.781	7.740	-0.041
0	992	7.777	7.735	-0.042
0	993	7.761	7.729	-0.032
3	1	7.663	7.695	0.032
3	2	7.756	7.744	-0.012
3	3	7.729	7.767	0.038
3	4	7.725	7.691	-0.034
3	5	7.699	7.774	0.075
8	6	7.761	7.799	0.038
8	7	7.785	7.661	-0.124
8	8	7.741	7.788	0.047
8	9	7.748	7.733	-0.015
8	10	7.796	7.748	-0.048
10	11	7.765	7.766	0.001
10	12	7.743	7.780	0.037
10	13	7.701	7.753	0.052
10	14	7.729	7.719	-0.010
10	15	7.827	7.748	-0.079
15	16	7.797	7.722	-0.075
15	17	7.713	7.728	0.015
15	18	7.695	7.778	0.083
15	19	7.773	7.795	0.022
15	20	7.763	7.776	0.013
30	21	7.746	7.805	0.059
30	22	7.728	7.795	0.067
30	23	7.769	7.813	0.044
30	24	7.792	7.844	0.052
30	25	7.733	7.763	0.030
35	26	7.706	7.791	0.085
35	27	7.679	7.763	0.084
35	28	7.720	7.732	0.012
35	29	7.772	7.830	0.058
35	30	7.762	7.818	0.056
50	31	7.720	7.815	0.095
50	32	7.805	7.807	0.002
50	33	7.828	7.806	-0.022
50	34	7.726	7.798	0.072
50	35	7.817	7.810	-0.007
55	36	7.749	7.840	0.091
55	37	7.754	7.733	-0.021
55	38	7.748	7.791	0.043
55	39	7.770	7.762	-0.008
55	40	7.760	7.810	0.050
100	41	7.722	7.755	0.033
100	42	7.732	7.817	0.085
100	43	7.742	7.811	0.069
100	44	7.743	7.777	0.034
100	45	7.774	7.784	0.010
105	46	7.784	7.795	0.011
105	47	7.772	7.799	0.027
105	48	7.783	7.785	0.002
105	49	7.754	7.789	0.035
105	50	7.804	7.801	-0.003
105	51	7.812	7.818	0.006
105	52	7.742	7.783	0.041
105	53	7.769	7.745	-0.024
105	54	7.738	7.816	0.078
105	55	7.722	7.864	0.142
105	56	7.809	7.814	0.005
105	57	7.776	7.760	-0.016
105	58	7.823	7.730	-0.093
105	59	7.774	7.777	0.003
105	60	7.752	7.823	0.071
105	61	7.733	7.815	0.082
105	62	7.762	7.746	-0.016
105	63	7.768	7.837	0.069
105	64	7.733	7.823	0.090
105	65	7.802	7.726	-0.076
105	66	7.740	7.741	0.001
105	67	7.763	7.738	-0.025
	Max	7.828	7.864	0.142
	Average	7.756	7.777	0.020
	Min	7.663	7.661	-0.124
	Std Dev	0.035	0.040	0.051



	9.37_T_SYNC_RISE_1MHz_5V	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.729	7.691	7.661	7.719	7.722	7.763	7.732	7.798	7.733	7.755	7.726
Average	7.735	7.734	7.746	7.753	7.760	7.804	7.787	7.807	7.787	7.789	7.788
Max	7.740	7.774	7.799	7.780	7.795	7.844	7.830	7.815	7.840	7.817	7.864
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

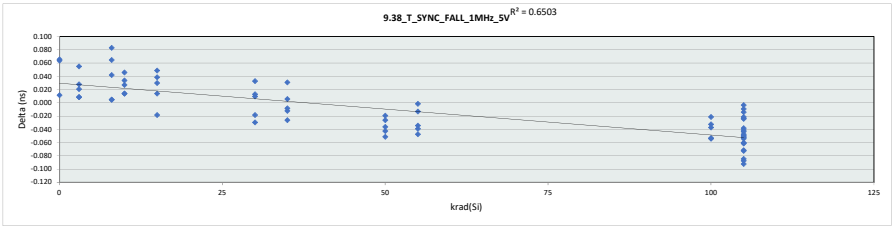


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

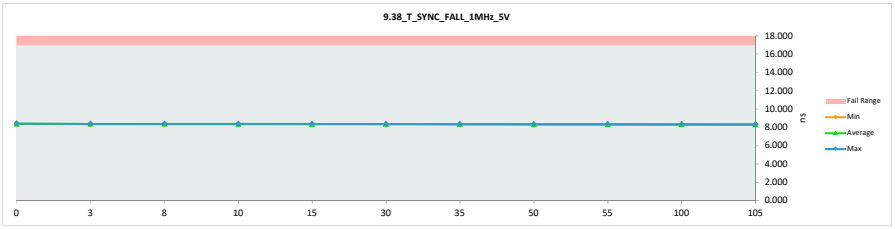
	9.38_T_SYNC_FALL_1MHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.347	8.410	0.063
0	992	8.361	8.372	0.011
0	993	8.330	8.395	0.065
3	1	8.332	8.386	0.054
3	2	8.358	8.366	0.008
3	3	8.369	8.377	0.008
3	4	8.350	8.377	0.027
3	5	8.332	8.352	0.020
8	6	8.332	8.373	0.041
8	7	8.348	8.352	0.004
8	8	8.321	8.403	0.082
8	9	8.326	8.390	0.064
8	10	8.357	8.361	0.004
10	11	8.343	8.369	0.026
10	12	8.360	8.373	0.013
10	13	8.330	8.363	0.033
10	14	8.340	8.353	0.013
10	15	8.331	8.376	0.045
15	16	8.332	8.370	0.038
15	17	8.353	8.334	-0.019
15	18	8.341	8.389	0.048
15	19	8.327	8.356	0.029
15	20	8.348	8.361	0.013
30	21	8.361	8.331	-0.030
30	22	8.340	8.349	0.009
30	23	8.359	8.340	-0.019
30	24	8.349	8.361	0.012
30	25	8.326	8.358	0.032
35	26	8.356	8.347	-0.009
35	27	8.334	8.364	0.030
35	28	8.356	8.329	-0.027
35	29	8.356	8.361	0.005
35	30	8.357	8.344	-0.013
50	31	8.375	8.338	-0.037
50	32	8.363	8.343	-0.020
50	33	8.368	8.325	-0.043
50	34	8.376	8.324	-0.052
50	35	8.369	8.342	-0.027
55	36	8.352	8.317	-0.035
55	37	8.338	8.324	-0.014
55	38	8.339	8.337	-0.002
55	39	8.372	8.324	-0.048
55	40	8.369	8.329	-0.040
100	41	8.346	8.313	-0.033
100	42	8.374	8.336	-0.038
100	43	8.340	8.318	-0.022
100	44	8.367	8.313	-0.054
100	45	8.369	8.314	-0.055
105	46	8.332	8.293	-0.039
105	47	8.360	8.336	-0.024
105	48	8.355	8.283	-0.072
105	49	8.345	8.295	-0.050
105	50	8.340	8.288	-0.052
105	51	8.374	8.301	-0.073
105	52	8.369	8.308	-0.061
105	53	8.367	8.306	-0.061
105	54	8.375	8.320	-0.055
105	55	8.368	8.275	-0.093
105	56	8.383	8.295	-0.088
105	57	8.358	8.305	-0.053
105	58	8.301	8.297	-0.004
105	59	8.331	8.306	-0.025
105	60	8.334	8.319	-0.015
105	61	8.354	8.344	-0.010
105	62	8.358	8.336	-0.022
105	63	8.371	8.327	-0.044
105	64	8.370	8.308	-0.062
105	65	8.346	8.304	-0.042
105	66	8.349	8.301	-0.048
105	67	8.378	8.293	-0.085
	Max	8.383	8.410	0.082
	Average	8.351	8.338	-0.013
	Min	8.301	8.275	-0.093
	Std Dev	0.017	0.031	0.041



	9.38_T_SYNC_FALL_1MHz_5V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.372	8.352	8.352	8.353	8.334	8.331	8.329	8.324	8.317	8.313	8.275
Average	8.392	8.372	8.376	8.367	8.362	8.348	8.349	8.334	8.326	8.319	8.306
Max	8.410	8.386	8.403	8.376	8.389	8.361	8.364	8.343	8.337	8.336	8.344
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

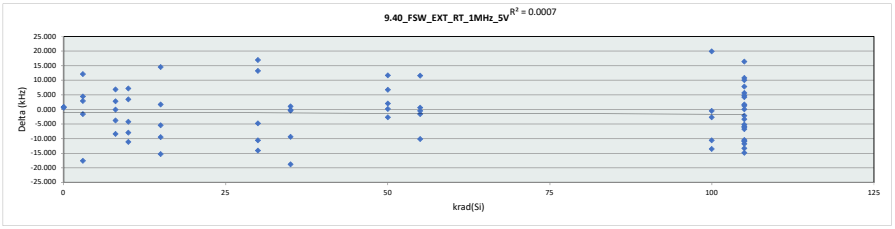


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

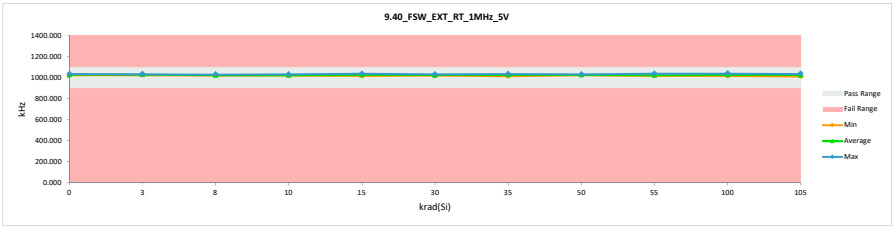
	9.40_FSW_EXT_RT_1MHz_5V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	1100	1100
Min Limit	900	900

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1027.634	1028.301	0.667
0	992	1023.603	1024.246	0.643
0	993	1033.749	1034.164	0.415
3	1	1033.253	1031.496	-1.757
3	2	1021.568	1033.520	11.952
3	3	1022.630	1026.887	4.257
3	4	1028.425	1031.125	2.700
3	5	1043.120	1025.394	-17.726
8	6	1031.641	1023.141	-8.500
8	7	1023.452	1019.548	-3.904
8	8	1017.487	1020.179	2.692
8	9	1023.264	1029.963	6.699
8	10	1028.211	1028.000	-0.211
10	11	1024.753	1020.366	-4.387
10	12	1030.796	1019.535	-11.261
10	13	1033.295	1025.151	-8.144
10	14	1024.098	1031.081	6.983
10	15	1022.461	1025.810	3.349
15	16	1030.470	1024.869	-5.601
15	17	1023.232	1037.585	14.353
15	18	1032.346	1016.932	-15.414
15	19	1035.744	1026.152	-9.592
15	20	1025.958	1027.469	1.511
30	21	1016.687	1029.722	13.035
30	22	1029.520	1018.849	-10.671
30	23	1015.848	1032.597	16.749
30	24	1029.076	1024.195	-4.881
30	25	1037.033	1022.817	-14.216
35	26	1038.019	1028.505	-9.514
35	27	1034.869	1034.566	-0.303
35	28	1031.219	1030.704	-0.515
35	29	1032.878	1013.913	-18.965
35	30	1026.897	1027.747	0.850
50	31	1030.610	1027.735	-2.875
50	32	1024.044	1024.085	0.041
50	33	1022.564	1024.393	1.829
50	34	1020.043	1026.664	6.621
50	35	1019.277	1030.779	11.502
55	36	1029.577	1019.258	-10.319
55	37	1026.695	1038.116	11.421
55	38	1020.121	1018.377	-1.744
55	39	1019.286	1019.789	0.503
55	40	1024.655	1024.053	-0.602
100	41	1031.089	1028.213	-2.876
100	42	1029.433	1015.746	-13.687
100	43	1023.809	1023.139	-0.670
100	44	1038.139	1027.366	-10.773
100	45	1019.300	1039.086	19.786
105	46	1026.155	1026.081	-0.074
105	47	1026.781	1020.537	-6.244
105	48	1030.254	1023.368	-6.886
105	49	1021.613	1023.156	1.543
105	50	1034.799	1024.166	-10.633
105	51	1024.373	1025.508	1.135
105	52	1022.554	1026.645	4.091
105	53	1028.341	1032.947	4.606
105	54	1036.859	1023.437	-13.422
105	55	1031.293	1019.413	-11.880
105	56	1014.976	1025.669	10.693
105	57	1030.684	1019.773	-10.911
105	58	1027.597	1024.142	-3.455
105	59	1027.647	1033.194	5.547
105	60	1027.917	1022.594	-5.323
105	61	1027.829	1012.833	-14.996
105	62	1031.330	1025.333	-5.997
105	63	1018.974	1016.725	-2.249
105	64	1039.318	1028.289	-11.029
105	65	1022.708	1032.612	9.904
105	66	1020.511	1036.768	16.257
105	67	1024.332	1031.984	7.652
	Max	1043.120	1039.086	19.786
	Average	1027.267	1025.950	-1.317
	Min	1014.976	1012.833	-18.965
	Std Dev	6.059	5.793	8.842



	9.40_FSW_EXT_RT_1MHz_5V
Test Site	
Tester	
Test Number	
Max Limit	1100 kHz
Min Limit	900 kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000
Min	1024.246	1025.394	1019.548	1019.535	1016.932	1018.849	1013.913	1024.085	1018.377	1015.746	1012.833
Average	1028.904	1029.684	1024.166	1024.389	1026.601	1025.636	1027.087	1026.731	1023.919	1026.710	1025.235
Max	1034.164	1033.520	1029.963	1031.081	1037.585	1032.597	1034.566	1030.779	1038.116	1039.086	1036.768
UL	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000

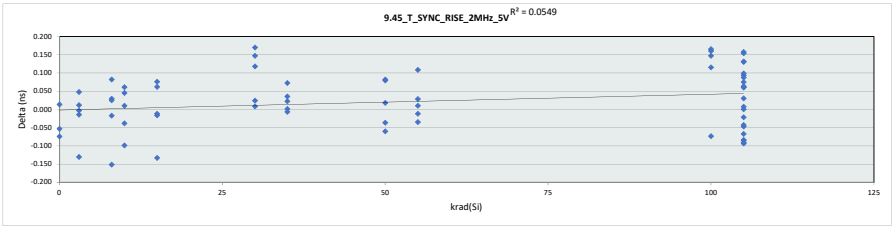


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

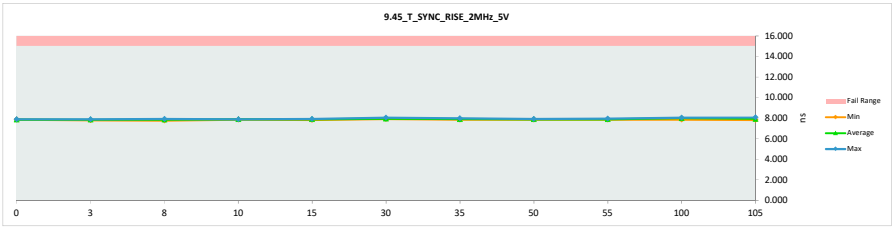
	9.45_T_SYNC_RISE_2MHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.873	7.885	0.012
0	992	7.900	7.846	-0.054
0	993	7.944	7.869	-0.075
3	1	7.816	7.800	-0.016
3	2	7.871	7.867	-0.004
3	3	7.852	7.899	0.047
3	4	7.942	7.811	-0.131
3	5	7.863	7.874	0.011
8	6	7.891	7.919	0.028
8	7	7.918	7.766	-0.152
8	8	7.814	7.895	0.081
8	9	7.875	7.857	-0.018
8	10	7.874	7.898	0.024
10	11	7.901	7.862	-0.039
10	12	7.831	7.875	0.044
10	13	7.842	7.902	0.060
10	14	7.860	7.869	0.009
10	15	7.988	7.888	-0.100
15	16	7.970	7.836	-0.134
15	17	7.848	7.909	0.061
15	18	7.808	7.883	0.075
15	19	7.935	7.922	-0.013
15	20	7.914	7.897	-0.017
30	21	7.884	7.907	0.023
30	22	7.915	7.922	0.007
30	23	7.867	8.035	0.168
30	24	7.896	8.013	0.117
30	25	7.792	7.938	0.146
35	26	7.828	7.862	0.034
35	27	7.886	7.907	0.021
35	28	7.884	7.884	0.000
35	29	7.911	7.903	-0.008
35	30	7.901	7.972	0.071
50	31	7.839	7.917	0.078
50	32	7.876	7.893	0.017
50	33	7.931	7.870	-0.061
50	34	7.792	7.873	0.081
50	35	7.906	7.868	-0.038
55	36	7.895	7.904	0.009
55	37	7.902	7.866	-0.036
55	38	7.850	7.957	0.107
55	39	7.899	7.886	-0.013
55	40	7.869	7.896	0.027
100	41	7.871	7.985	0.114
100	42	7.868	8.014	0.146
100	43	7.859	8.018	0.159
100	44	7.947	7.873	-0.074
100	45	7.892	8.056	0.164
105	46	7.942	7.857	-0.085
105	47	7.917	8.009	0.092
105	48	7.933	7.838	-0.095
105	49	7.878	7.830	-0.048
105	50	7.962	7.870	-0.092
105	51	7.910	7.909	-0.001
105	52	7.861	8.014	0.153
105	53	7.911	8.008	0.097
105	54	7.925	8.055	0.130
105	55	7.893	7.952	0.059
105	56	7.914	8.070	0.156
105	57	7.959	7.965	0.006
105	58	7.993	7.925	-0.068
105	59	7.862	7.891	0.029
105	60	7.902	7.988	0.086
105	61	7.898	7.960	0.062
105	62	7.867	7.823	-0.044
105	63	7.913	7.827	-0.086
105	64	7.860	7.920	0.060
105	65	7.909	7.983	0.074
105	66	7.884	8.013	0.129
105	67	7.904	7.881	-0.023
	Max	7.993	8.070	0.168
	Average	7.890	7.912	0.022
	Min	7.792	7.766	-0.152
	Std Dev	0.043	0.066	0.079



	9.45_T_SYNC_RISE_2MHz_5V	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.846	7.800	7.766	7.862	7.836	7.907	7.862	7.868	7.866	7.873	7.823
Average	7.867	7.850	7.867	7.879	7.889	7.963	7.906	7.884	7.902	7.989	7.936
Max	7.885	7.899	7.919	7.902	7.922	8.035	7.972	7.917	7.957	8.056	8.070
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

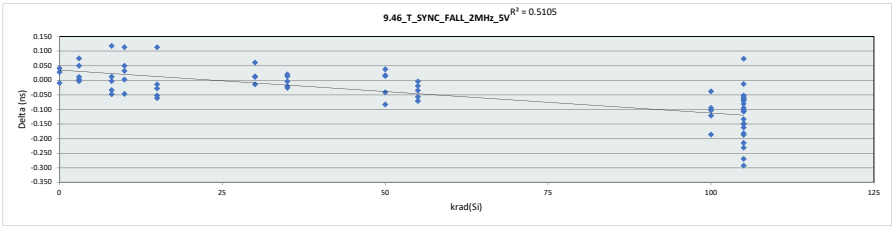


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

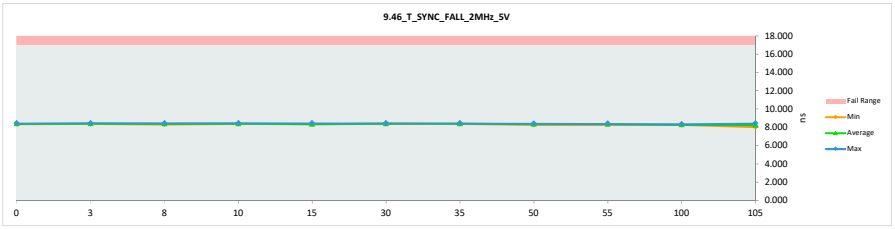
	9.46_T_SYNC_FALL_2MHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.312	8.351	0.039
0	992	8.358	8.384	0.026
0	993	8.422	8.411	-0.011
3	1	8.362	8.410	0.048
3	2	8.353	8.426	0.073
3	3	8.386	8.382	-0.004
3	4	8.406	8.416	0.010
3	5	8.369	8.370	0.001
8	6	8.364	8.314	-0.050
8	7	8.381	8.392	0.011
8	8	8.386	8.382	-0.004
8	9	8.318	8.434	0.116
8	10	8.390	8.355	-0.035
10	11	8.313	8.425	0.112
10	12	8.361	8.392	0.031
10	13	8.382	8.383	0.001
10	14	8.420	8.372	-0.048
10	15	8.342	8.390	0.048
15	16	8.382	8.319	-0.063
15	17	8.311	8.423	0.112
15	18	8.388	8.334	-0.054
15	19	8.364	8.334	-0.030
15	20	8.347	8.332	-0.015
30	21	8.338	8.397	0.059
30	22	8.405	8.390	-0.015
30	23	8.394	8.405	0.011
30	24	8.424	8.435	0.011
30	25	8.384	8.395	0.011
35	26	8.378	8.390	0.012
35	27	8.413	8.407	-0.006
35	28	8.424	8.402	-0.022
35	29	8.404	8.376	-0.028
35	30	8.368	8.386	0.018
50	31	8.383	8.340	-0.043
50	32	8.344	8.380	0.036
50	33	8.327	8.342	0.015
50	34	8.369	8.382	0.013
50	35	8.366	8.281	-0.085
55	36	8.399	8.341	-0.058
55	37	8.303	8.267	-0.036
55	38	8.401	8.329	-0.072
55	39	8.392	8.371	-0.021
55	40	8.372	8.366	-0.006
100	41	8.355	8.251	-0.104
100	42	8.374	8.251	-0.123
100	43	8.389	8.292	-0.097
100	44	8.441	8.253	-0.188
100	45	8.359	8.319	-0.040
105	46	8.332	8.149	-0.183
105	47	8.336	8.408	0.072
105	48	8.393	8.242	-0.151
105	49	8.331	8.259	-0.072
105	50	8.340	8.069	-0.271
105	51	8.316	8.022	-0.294
105	52	8.382	8.279	-0.103
105	53	8.390	8.201	-0.189
105	54	8.394	8.231	-0.163
105	55	8.426	8.210	-0.216
105	56	8.397	8.247	-0.150
105	57	8.375	8.293	-0.082
105	58	8.329	8.220	-0.109
105	59	8.397	8.329	-0.068
105	60	8.344	8.330	-0.014
105	61	8.358	8.304	-0.054
105	62	8.406	8.309	-0.097
105	63	8.357	8.298	-0.059
105	64	8.401	8.169	-0.232
105	65	8.379	8.315	-0.064
105	66	8.320	8.213	-0.107
105	67	8.384	8.249	-0.135
	Max	8.441	8.435	0.116
	Average	8.372	8.326	-0.045
	Min	8.303	8.022	-0.294
	Std Dev	0.032	0.085	0.086



	9.46_T_SYNC_FALL_2MHz_5V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.351	8.370	8.314	8.372	8.319	8.390	8.376	8.281	8.267	8.251	8.022
Average	8.382	8.401	8.375	8.392	8.348	8.404	8.392	8.345	8.335	8.273	8.243
Max	8.411	8.426	8.434	8.425	8.423	8.435	8.407	8.382	8.371	8.319	8.408
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

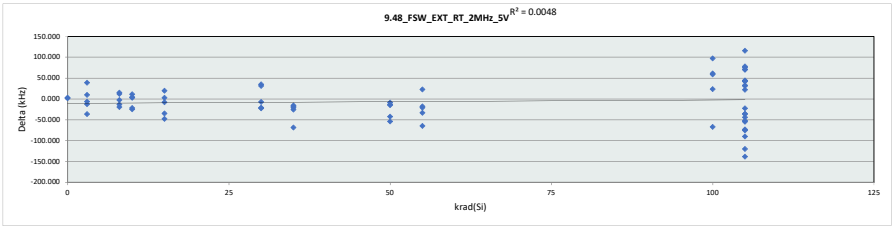


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

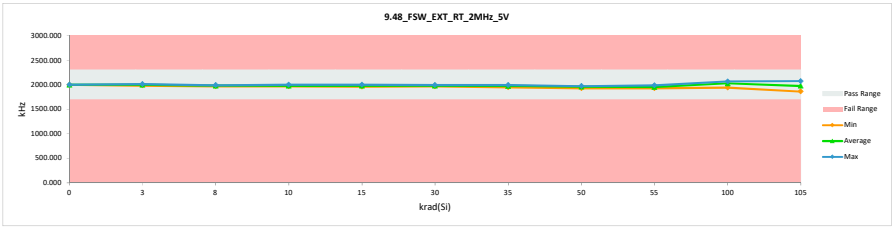
	9.48_FSW_EXT_RT_2MHz_5V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	2300	2300
Min Limit	1700	1700

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1997.943	2000.011	2.068
0	992	2000.621	2002.966	2.345
0	993	1993.106	1995.030	1.924
3	1	2004.616	1998.348	-6.268
3	2	1976.934	2015.371	38.437
3	3	1990.093	1999.545	9.452
3	4	2015.891	2003.450	-12.441
3	5	2021.058	1984.566	-36.492
8	6	1998.362	1978.978	-19.384
8	7	1984.323	1981.614	-2.709
8	8	1972.169	1984.026	11.857
8	9	1976.697	1991.534	14.837
8	10	1983.812	1970.121	-13.691
10	11	1975.949	1978.458	2.509
10	12	1990.650	1965.864	-24.786
10	13	2007.600	1985.832	-21.768
10	14	1989.324	2000.145	10.821
10	15	1983.724	1987.659	3.935
15	16	1997.755	1990.047	-7.708
15	17	1980.554	2000.414	19.860
15	18	1998.909	1964.061	-34.848
15	19	2026.947	1978.726	-48.221
15	20	1974.466	1977.504	3.038
30	21	1957.265	1988.309	31.044
30	22	1988.530	1965.797	-22.733
30	23	1958.449	1993.499	35.050
30	24	1983.602	1976.271	-7.331
30	25	1996.682	1975.880	-20.802
35	26	2009.146	1983.644	-25.502
35	27	2012.094	1996.664	-15.430
35	28	1997.990	1976.879	-21.111
35	29	2015.555	1946.577	-68.978
35	30	1999.636	1981.980	-17.656
50	31	2001.969	1959.201	-42.768
50	32	1982.248	1967.578	-14.670
50	33	1977.423	1968.311	-9.112
50	34	1985.829	1972.352	-13.477
50	35	1981.851	1927.894	-53.957
55	36	1992.487	1927.410	-65.077
55	37	1967.491	1934.142	-33.349
55	38	1981.101	1962.889	-18.212
55	39	1962.576	1985.595	23.019
55	40	1986.542	1965.816	-20.726
100	41	2002.023	2063.001	60.978
100	42	2004.748	2028.214	23.466
100	43	1987.984	2046.360	58.376
100	44	2010.351	1943.223	-67.128
100	45	1968.285	2065.492	97.207
105	46	1978.229	1904.915	-73.314
105	47	1976.094	2019.746	43.652
105	48	1999.246	1923.518	-75.728
105	49	1959.234	1923.368	-35.866
105	50	2000.248	1862.046	-138.202
105	51	1981.605	1861.686	-119.919
105	52	1981.185	2051.721	70.536
105	53	1996.524	2071.250	74.726
105	54	2015.315	2059.490	44.175
105	55	2002.316	1912.084	-90.232
105	56	1968.582	2046.250	77.668
105	57	2000.394	2031.801	31.407
105	58	2003.228	2045.189	41.961
105	59	1990.090	1953.884	-36.206
105	60	1992.655	2025.361	32.706
105	61	1994.243	2016.048	21.805
105	62	1962.604	1939.802	-22.802
105	63	1957.180	1904.795	-52.385
105	64	1961.693	1907.048	-54.645
105	65	1979.181	2049.657	70.476
105	66	1958.708	2074.461	115.753
105	67	1981.007	1937.211	-43.796
	Max	2026.947	2074.461	115.753
	Average	1988.470	1982.265	-6.205
	Min	1957.180	1861.686	-138.202
	Std Dev	16.575	46.255	47.589



	9.48_FSW_EXT_RT_2MHz_5V	
Test Site		
Tester		
Test Number		
Max Limit	2300	kHz
Min Limit	1700	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000
Min	1995.030	1984.566	1970.121	1965.864	1964.061	1965.797	1946.577	1927.894	1927.410	1943.223	1861.686
Average	1999.336	2000.256	1981.255	1983.592	1982.150	1979.951	1977.149	1959.067	1955.170	2029.258	1978.242
Max	2002.966	2015.371	1991.534	2000.145	2000.414	1993.499	1996.664	1972.352	1985.595	2065.492	2074.461
UL	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000

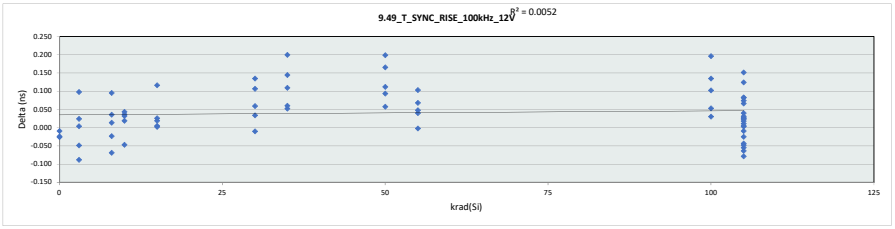


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

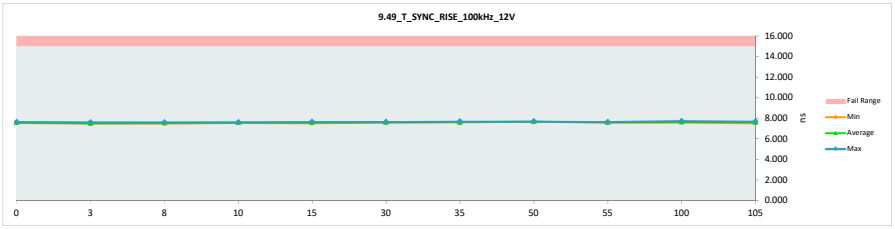
	9.49_T_SYNC_RISE_100kHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.557	7.547	-0.010
0	992	7.595	7.568	-0.027
0	993	7.645	7.620	-0.025
3	1	7.514	7.464	-0.050
3	2	7.494	7.591	0.097
3	3	7.576	7.487	-0.089
3	4	7.482	7.485	0.003
3	5	7.531	7.554	0.023
8	6	7.521	7.533	0.012
8	7	7.555	7.485	-0.070
8	8	7.509	7.543	0.034
8	9	7.493	7.587	0.094
8	10	7.555	7.531	-0.024
10	11	7.600	7.552	-0.048
10	12	7.535	7.566	0.031
10	13	7.538	7.580	0.042
10	14	7.525	7.560	0.035
10	15	7.567	7.585	0.018
15	16	7.563	7.564	0.001
15	17	7.430	7.545	0.115
15	18	7.517	7.521	0.004
15	19	7.604	7.629	0.025
15	20	7.564	7.582	0.018
30	21	7.547	7.605	0.058
30	22	7.488	7.593	0.105
30	23	7.592	7.625	0.033
30	24	7.593	7.582	-0.011
30	25	7.489	7.622	0.133
35	26	7.542	7.593	0.051
35	27	7.472	7.615	0.143
35	28	7.479	7.587	0.108
35	29	7.581	7.640	0.059
35	30	7.462	7.660	0.198
50	31	7.465	7.662	0.197
50	32	7.568	7.679	0.111
50	33	7.592	7.648	0.056
50	34	7.494	7.658	0.164
50	35	7.569	7.661	0.092
55	36	7.626	7.623	-0.003
55	37	7.543	7.582	0.039
55	38	7.526	7.593	0.067
55	39	7.567	7.614	0.047
55	40	7.523	7.625	0.102
100	41	7.553	7.582	0.029
100	42	7.533	7.634	0.101
100	43	7.518	7.713	0.195
100	44	7.519	7.571	0.052
100	45	7.506	7.639	0.133
105	46	7.620	7.571	-0.049
105	47	7.564	7.645	0.081
105	48	7.582	7.537	-0.045
105	49	7.584	7.519	-0.065
105	50	7.614	7.639	0.025
105	51	7.602	7.675	0.073
105	52	7.566	7.592	0.026
105	53	7.586	7.590	0.004
105	54	7.588	7.618	0.030
105	55	7.541	7.664	0.123
105	56	7.601	7.640	0.039
105	57	7.612	7.532	-0.080
105	58	7.603	7.605	0.002
105	59	7.607	7.624	0.017
105	60	7.599	7.621	0.022
105	61	7.586	7.596	0.010
105	62	7.563	7.553	-0.010
105	63	7.551	7.633	0.082
105	64	7.504	7.654	0.150
105	65	7.617	7.591	-0.026
105	66	7.519	7.584	0.065
105	67	7.608	7.552	-0.056
	Max	7.645	7.713	0.198
	Average	7.552	7.593	0.041
	Min	7.430	7.464	-0.089
	Std Dev	0.047	0.051	0.067



	9.49_T_SYNC_RISE_100kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.547	7.464	7.485	7.552	7.521	7.582	7.587	7.648	7.582	7.571	7.519
Average	7.578	7.516	7.536	7.569	7.568	7.605	7.619	7.662	7.607	7.628	7.602
Max	7.620	7.591	7.587	7.585	7.629	7.625	7.660	7.679	7.625	7.713	7.675
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

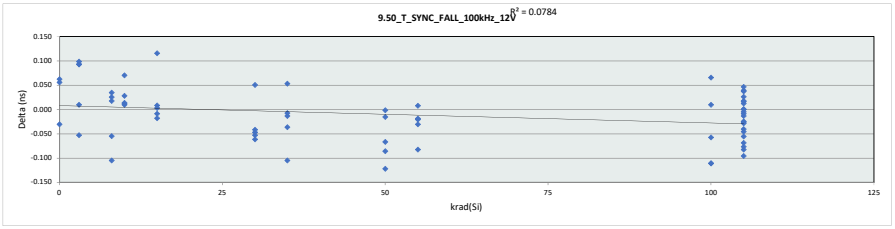


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

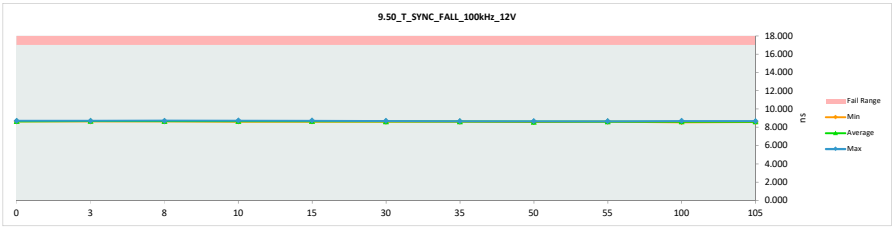
	9.50_T_SYNC_FALL_100kHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.648	8.710	0.062
0	992	8.668	8.637	-0.031
0	993	8.576	8.631	0.055
3	1	8.619	8.712	0.093
3	2	8.695	8.642	-0.053
3	3	8.614	8.712	0.098
3	4	8.662	8.671	0.009
3	5	8.610	8.702	0.092
8	6	8.673	8.698	0.025
8	7	8.692	8.637	-0.055
8	8	8.659	8.676	0.017
8	9	8.734	8.629	-0.105
8	10	8.658	8.692	0.034
10	11	8.654	8.665	0.011
10	12	8.663	8.672	0.009
10	13	8.624	8.694	0.070
10	14	8.609	8.622	0.013
10	15	8.696	8.724	0.028
15	16	8.645	8.648	0.003
15	17	8.680	8.662	-0.018
15	18	8.614	8.729	0.115
15	19	8.612	8.620	0.008
15	20	8.647	8.638	-0.009
30	21	8.673	8.620	-0.053
30	22	8.671	8.624	-0.047
30	23	8.675	8.613	-0.062
30	24	8.659	8.709	0.050
30	25	8.687	8.645	-0.042
35	26	8.626	8.618	-0.008
35	27	8.694	8.657	-0.037
35	28	8.662	8.648	-0.014
35	29	8.603	8.656	0.053
35	30	8.715	8.610	-0.105
50	31	8.659	8.657	-0.002
50	32	8.667	8.600	-0.067
50	33	8.700	8.578	-0.122
50	34	8.646	8.630	-0.016
50	35	8.678	8.592	-0.086
55	36	8.636	8.617	-0.019
55	37	8.661	8.630	-0.031
55	38	8.649	8.656	0.007
55	39	8.634	8.613	-0.021
55	40	8.707	8.624	-0.083
100	41	8.662	8.604	-0.058
100	42	8.627	8.692	0.065
100	43	8.666	8.555	-0.111
100	44	8.653	8.662	0.009
100	45	8.708	8.597	-0.111
105	46	8.623	8.649	0.026
105	47	8.654	8.608	-0.046
105	48	8.634	8.651	0.017
105	49	8.629	8.675	0.046
105	50	8.611	8.627	0.016
105	51	8.689	8.593	-0.096
105	52	8.611	8.597	-0.014
105	53	8.648	8.592	-0.056
105	54	8.632	8.603	-0.029
105	55	8.662	8.653	-0.009
105	56	8.677	8.594	-0.083
105	57	8.636	8.673	0.037
105	58	8.632	8.563	-0.069
105	59	8.588	8.562	-0.026
105	60	8.603	8.642	0.039
105	61	8.619	8.619	0.000
105	62	8.602	8.614	0.012
105	63	8.667	8.642	-0.025
105	64	8.664	8.623	-0.041
105	65	8.619	8.619	0.000
105	66	8.657	8.580	-0.077
105	67	8.662	8.657	-0.005
	Max	8.734	8.729	0.115
	Average	8.651	8.640	-0.012
	Min	8.576	8.555	-0.122
	Std Dev	0.032	0.040	0.054



	9.50_T_SYNC_FALL_100kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.631	8.642	8.629	8.622	8.620	8.613	8.610	8.578	8.613	8.555	8.562
Average	8.659	8.688	8.666	8.675	8.659	8.642	8.638	8.611	8.628	8.622	8.620
Max	8.710	8.712	8.698	8.724	8.729	8.709	8.657	8.657	8.656	8.692	8.675
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

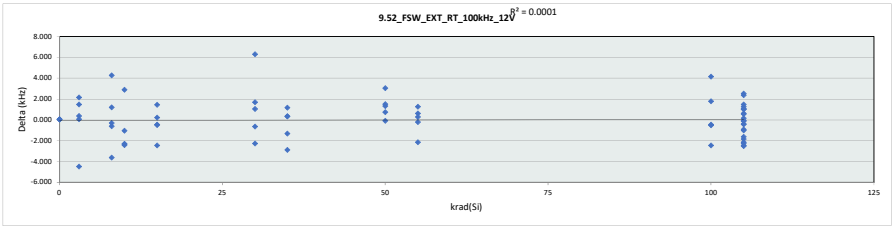


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

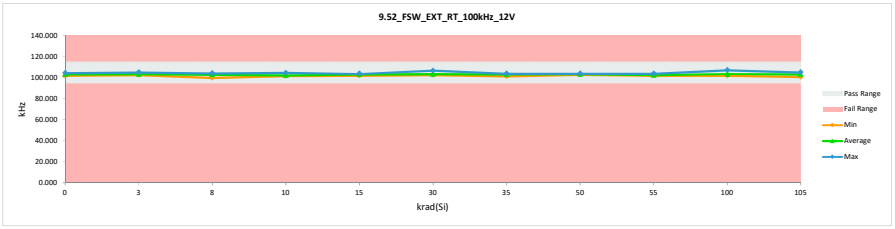
	9.52_FSW_EXT_RT_100kHz_12V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	115	115
Min Limit	95	95

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	103.210	103.224	0.014
0	992	101.998	102.001	0.003
0	993	104.211	104.198	-0.013
3	1	102.774	104.869	2.095
3	2	102.780	104.203	1.423
3	3	103.096	103.127	0.031
3	4	102.556	102.892	0.336
3	5	106.894	102.389	-4.505
8	6	104.278	103.618	-0.660
8	7	103.383	99.730	-3.653
8	8	98.124	102.348	4.224
8	9	102.964	104.131	1.167
8	10	104.444	104.099	-0.345
10	11	104.109	101.726	-2.383
10	12	103.940	101.474	-2.466
10	13	104.004	101.656	-2.348
10	14	101.602	104.453	2.851
10	15	102.822	101.727	-1.095
15	16	104.288	101.782	-2.506
15	17	102.016	103.406	1.390
15	18	103.049	102.546	-0.503
15	19	104.097	103.580	-0.517
15	20	103.365	103.528	0.163
30	21	101.287	102.936	1.649
30	22	101.363	102.352	0.989
30	23	100.339	106.595	6.256
30	24	103.845	103.175	-0.670
30	25	104.781	102.480	-2.301
35	26	103.494	103.793	0.299
35	27	102.589	103.704	1.115
35	28	104.907	103.552	-1.355
35	29	104.224	101.310	-2.914
35	30	103.211	103.513	0.302
50	31	102.904	103.590	0.686
50	32	102.217	103.509	1.292
50	33	103.679	103.538	-0.141
50	34	99.793	102.778	2.985
50	35	102.288	103.743	1.455
55	36	104.094	101.892	-2.202
55	37	104.007	103.764	-0.243
55	38	101.669	102.238	0.569
55	39	101.587	102.819	1.232
55	40	101.588	101.813	0.225
100	41	104.320	101.835	-2.485
100	42	102.502	101.956	-0.546
100	43	101.748	103.502	1.754
100	44	103.656	103.165	-0.491
100	45	102.987	107.100	4.113
105	46	103.611	104.192	0.581
105	47	103.447	103.565	0.118
105	48	103.031	102.583	-0.448
105	49	102.754	102.582	-0.172
105	50	106.594	104.102	-2.492
105	51	103.577	104.086	0.509
105	52	101.921	102.914	0.993
105	53	103.495	104.454	0.959
105	54	103.832	101.966	-1.866
105	55	103.699	102.639	-1.060
105	56	101.372	103.686	2.314
105	57	103.724	101.552	-2.172
105	58	103.245	102.287	-0.958
105	59	103.135	104.129	0.994
105	60	103.738	103.640	-0.098
105	61	103.157	100.617	-2.540
105	62	103.606	101.332	-2.274
105	63	102.331	100.668	-1.663
105	64	104.341	103.860	-0.481
105	65	102.502	104.975	2.473
105	66	102.807	104.016	1.209
105	67	101.812	103.236	1.424
	Max	106.894	107.100	6.256
	Average	103.069	103.063	-0.005
	Min	98.124	99.730	-4.505
	Std Dev	1.346	1.255	1.911



	9.52_FSW_EXT_RT_100kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	115	kHz
Min Limit	95	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000
Min	102.001	102.389	99.730	101.474	101.782	102.352	101.310	102.778	101.813	101.835	100.617
Average	103.141	103.496	102.785	102.207	102.968	103.508	103.174	103.432	102.505	103.512	103.049
Max	104.198	104.869	104.131	104.453	103.580	106.595	103.793	103.743	103.764	107.100	104.975
UL	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000

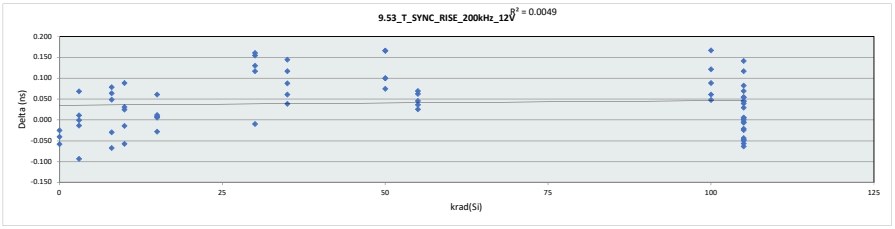


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

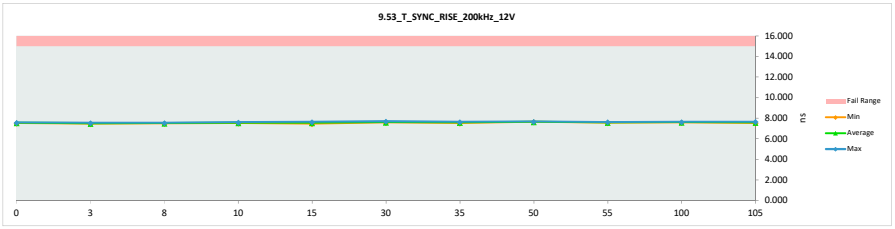
	9.53_T_SYNC_RISE_200kHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.583	7.526	-0.057
0	992	7.576	7.537	-0.039
0	993	7.627	7.603	-0.024
3	1	7.496	7.497	0.001
3	2	7.487	7.557	0.070
3	3	7.583	7.491	-0.092
3	4	7.479	7.467	-0.012
3	5	7.535	7.547	0.012
8	6	7.508	7.558	0.050
8	7	7.555	7.489	-0.066
8	8	7.502	7.567	0.065
8	9	7.466	7.546	0.080
8	10	7.547	7.519	-0.028
10	11	7.596	7.540	-0.056
10	12	7.547	7.637	0.090
10	13	7.505	7.537	0.032
10	14	7.517	7.543	0.026
10	15	7.553	7.540	-0.013
15	16	7.563	7.536	-0.027
15	17	7.468	7.477	0.009
15	18	7.527	7.534	0.007
15	19	7.599	7.661	0.062
15	20	7.589	7.602	0.013
30	21	7.510	7.672	0.162
30	22	7.471	7.602	0.131
30	23	7.550	7.706	0.156
30	24	7.606	7.598	-0.008
30	25	7.477	7.595	0.118
35	26	7.538	7.600	0.062
35	27	7.467	7.613	0.146
35	28	7.449	7.538	0.089
35	29	7.587	7.627	0.040
35	30	7.538	7.656	0.118
50	31	7.512	7.679	0.167
50	32	7.575	7.651	0.076
50	33	7.580	7.681	0.101
50	34	7.492	7.659	0.167
50	35	7.555	7.656	0.101
55	36	7.592	7.639	0.047
55	37	7.537	7.575	0.038
55	38	7.533	7.604	0.071
55	39	7.572	7.599	0.027
55	40	7.540	7.604	0.064
100	41	7.548	7.638	0.090
100	42	7.558	7.620	0.062
100	43	7.501	7.669	0.168
100	44	7.545	7.594	0.049
100	45	7.486	7.609	0.123
105	46	7.612	7.557	-0.055
105	47	7.583	7.590	0.007
105	48	7.606	7.586	-0.020
105	49	7.540	7.517	-0.023
105	50	7.592	7.587	-0.005
105	51	7.568	7.624	0.056
105	52	7.569	7.610	0.041
105	53	7.583	7.579	-0.004
105	54	7.576	7.631	0.055
105	55	7.522	7.640	0.118
105	56	7.609	7.611	0.002
105	57	7.595	7.533	-0.062
105	58	7.615	7.567	-0.048
105	59	7.586	7.670	0.084
105	60	7.576	7.607	0.031
105	61	7.572	7.618	0.046
105	62	7.578	7.584	0.006
105	63	7.574	7.645	0.071
105	64	7.490	7.633	0.143
105	65	7.587	7.541	-0.046
105	66	7.540	7.587	0.047
105	67	7.596	7.554	-0.042
	Max	7.627	7.706	0.168
	Average	7.549	7.590	0.041
	Min	7.449	7.467	-0.092
	Std Dev	0.044	0.054	0.065



	9.53_T_SYNC_RISE_200kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.526	7.467	7.489	7.537	7.477	7.595	7.538	7.651	7.575	7.594	7.517
Average	7.555	7.512	7.536	7.559	7.562	7.635	7.607	7.665	7.604	7.626	7.594
Max	7.603	7.557	7.567	7.637	7.661	7.706	7.656	7.681	7.639	7.669	7.670
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

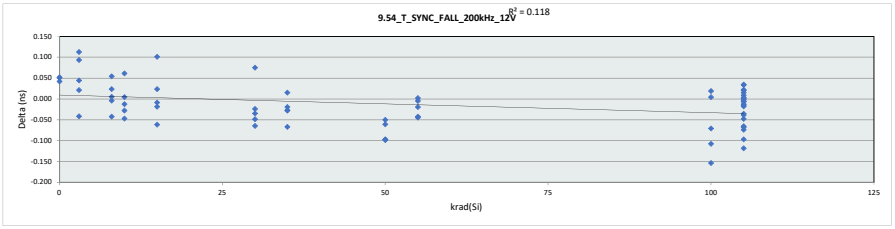


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

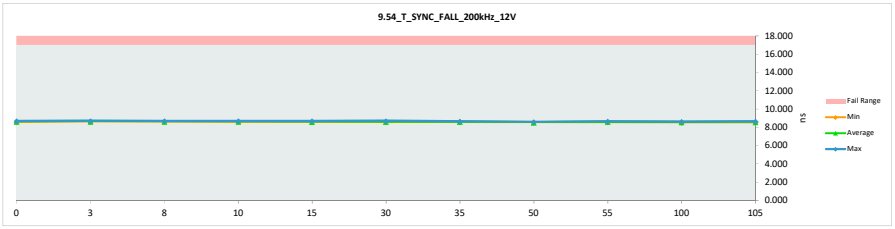
	9.54_T_SYNC_FALL_200kHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.660	8.712	0.052
0	992	8.630	8.684	0.054
0	993	8.571	8.615	0.044
3	1	8.613	8.708	0.095
3	2	8.685	8.645	-0.040
3	3	8.617	8.731	0.114
3	4	8.656	8.679	0.023
3	5	8.635	8.681	0.046
8	6	8.681	8.706	0.025
8	7	8.678	8.637	-0.041
8	8	8.645	8.701	0.056
8	9	8.702	8.700	-0.002
8	10	8.673	8.680	0.007
10	11	8.666	8.655	-0.011
10	12	8.682	8.637	-0.045
10	13	8.637	8.700	0.063
10	14	8.633	8.639	0.006
10	15	8.720	8.694	-0.026
15	16	8.679	8.662	-0.017
15	17	8.715	8.655	-0.060
15	18	8.604	8.707	0.103
15	19	8.586	8.611	0.025
15	20	8.651	8.644	-0.007
30	21	8.677	8.614	-0.063
30	22	8.667	8.645	-0.022
30	23	8.660	8.627	-0.033
30	24	8.652	8.729	0.077
30	25	8.660	8.613	-0.047
35	26	8.632	8.614	-0.018
35	27	8.705	8.679	-0.026
35	28	8.659	8.634	-0.025
35	29	8.622	8.639	0.017
35	30	8.706	8.641	-0.065
50	31	8.659	8.611	-0.048
50	32	8.680	8.583	-0.097
50	33	8.670	8.574	-0.096
50	34	8.642	8.583	-0.059
50	35	8.677	8.582	-0.095
55	36	8.634	8.616	-0.018
55	37	8.666	8.670	0.004
55	38	8.652	8.649	-0.003
55	39	8.663	8.620	-0.043
55	40	8.678	8.637	-0.041
100	41	8.661	8.592	-0.069
100	42	8.645	8.651	0.006
100	43	8.664	8.558	-0.106
100	44	8.624	8.645	0.021
100	45	8.735	8.583	-0.152
105	46	8.624	8.646	0.022
105	47	8.652	8.639	-0.013
105	48	8.645	8.681	0.036
105	49	8.616	8.651	0.035
105	50	8.632	8.628	-0.004
105	51	8.717	8.600	-0.117
105	52	8.633	8.622	-0.011
105	53	8.641	8.607	-0.034
105	54	8.595	8.590	-0.005
105	55	8.665	8.665	0.000
105	56	8.722	8.627	-0.095
105	57	8.671	8.682	0.011
105	58	8.647	8.581	-0.066
105	59	8.640	8.576	-0.064
105	60	8.609	8.614	0.005
105	61	8.607	8.624	0.017
105	62	8.625	8.649	0.024
105	63	8.660	8.644	-0.016
105	64	8.682	8.610	-0.072
105	65	8.657	8.620	-0.037
105	66	8.642	8.596	-0.046
105	67	8.649	8.652	0.003
	Max	8.735	8.731	0.114
	Average	8.655	8.641	-0.014
	Min	8.571	8.558	-0.152
	Std Dev	0.033	0.040	0.053



	9.54_T_SYNC_FALL_200kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.615	8.645	8.637	8.637	8.611	8.613	8.614	8.574	8.616	8.558	8.576
Average	8.670	8.689	8.685	8.665	8.656	8.646	8.641	8.587	8.638	8.606	8.627
Max	8.712	8.731	8.706	8.700	8.707	8.729	8.679	8.611	8.670	8.651	8.682
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

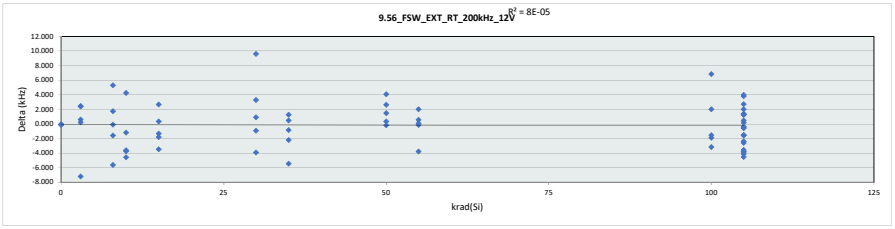


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

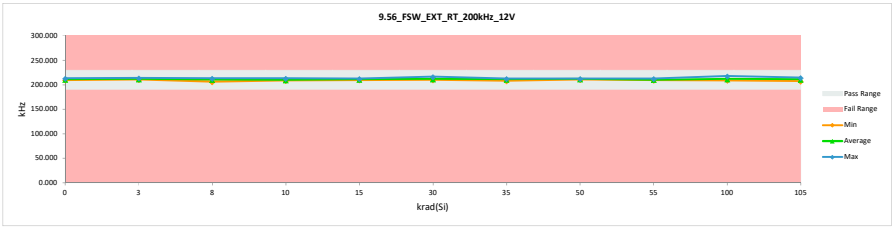
	9.56_FSW_EXT_RT_200kHz_12V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	230	230
Min Limit	190	190

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	211.849	211.883	0.034
0	992	209.803	209.866	0.063
0	993	213.325	213.295	-0.030
3	1	211.808	214.321	2.513
3	2	210.985	213.528	2.543
3	3	211.335	211.643	0.308
3	4	210.985	211.676	0.691
3	5	217.806	210.705	-7.101
8	6	213.574	212.075	-1.499
8	7	212.023	206.500	-5.523
8	8	204.677	210.093	5.416
8	9	211.277	213.105	1.828
8	10	213.339	213.324	-0.015
10	11	212.803	209.308	-3.495
10	12	213.163	208.692	-4.471
10	13	213.262	209.620	-3.642
10	14	209.246	213.588	4.342
10	15	210.821	209.735	-1.086
15	16	213.288	209.920	-3.368
15	17	209.986	212.745	2.759
15	18	211.928	210.229	-1.699
15	19	213.584	212.370	-1.214
15	20	212.124	212.564	0.440
30	21	208.592	211.977	3.385
30	22	209.388	210.388	1.000
30	23	207.179	216.863	9.684
30	24	212.694	211.877	-0.817
30	25	214.540	210.739	-3.801
35	26	213.311	212.558	-0.753
35	27	211.629	212.986	1.357
35	28	214.408	212.326	-2.082
35	29	213.464	208.106	-5.358
35	30	211.810	212.373	0.563
50	31	211.643	212.089	0.446
50	32	210.369	211.969	1.600
50	33	212.158	212.061	-0.097
50	34	206.667	210.858	4.191
50	35	209.992	212.706	2.714
55	36	213.035	209.362	-3.673
55	37	213.078	213.034	-0.044
55	38	209.192	209.875	0.683
55	39	208.909	211.025	2.116
55	40	209.538	209.709	0.171
100	41	213.401	210.337	-3.064
100	42	211.095	209.290	-1.805
100	43	209.799	211.910	2.111
100	44	213.050	211.604	-1.446
100	45	211.051	217.962	6.911
105	46	212.432	213.003	0.571
105	47	212.434	212.163	-0.271
105	48	212.124	210.676	-1.448
105	49	211.137	210.667	-0.470
105	50	216.977	212.575	-4.402
105	51	212.437	212.728	0.291
105	52	210.016	211.375	1.359
105	53	212.228	213.728	1.500
105	54	213.283	209.574	-3.709
105	55	212.618	210.324	-2.294
105	56	208.317	212.206	3.889
105	57	212.838	209.138	-3.700
105	58	211.789	210.342	-1.447
105	59	211.837	213.196	1.359
105	60	212.564	212.124	-0.440
105	61	211.560	207.521	-4.039
105	62	212.569	209.105	-3.464
105	63	210.097	207.606	-2.491
105	64	213.921	212.464	-1.457
105	65	210.460	214.529	4.069
105	66	211.047	213.842	2.795
105	67	209.888	212.017	2.129
	Max	217.806	217.962	9.684
	Average	211.651	211.510	-0.141
	Min	204.677	206.500	-7.101
	Std Dev	2.102	1.995	3.024



	9.56_FSW_EXT_RT_200kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	230	kHz
Min Limit	190	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000
Min	209.866	210.705	206.500	208.692	209.920	210.388	208.106	210.858	209.362	209.290	207.521
Average	211.681	212.375	211.019	210.189	211.566	212.369	211.670	211.937	210.601	212.221	211.405
Max	213.295	214.321	213.324	213.588	212.745	216.863	212.986	212.706	213.034	217.962	214.529
UL	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000

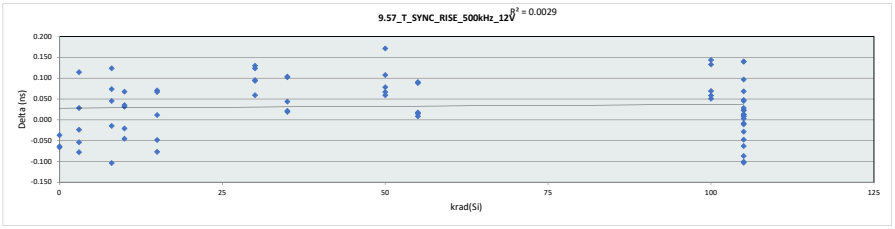


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

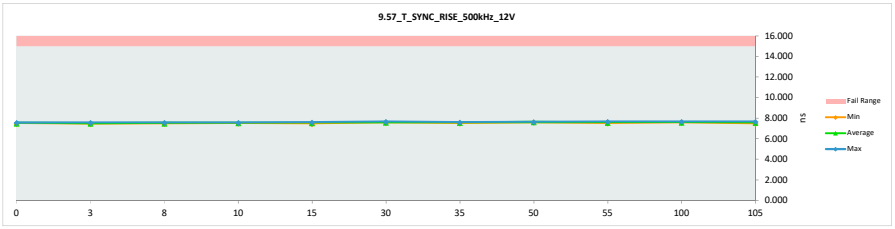
	9.57_T_SYNC_RISE_500kHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.578	7.514	-0.064
0	992	7.594	7.532	-0.062
0	993	7.615	7.580	-0.035
3	1	7.497	7.475	-0.022
3	2	7.468	7.584	0.116
3	3	7.566	7.490	-0.076
3	4	7.533	7.481	-0.052
3	5	7.524	7.554	0.030
8	6	7.494	7.541	0.047
8	7	7.586	7.484	-0.102
8	8	7.489	7.564	0.075
8	9	7.456	7.581	0.125
8	10	7.548	7.535	-0.013
10	11	7.601	7.557	-0.044
10	12	7.518	7.587	0.069
10	13	7.513	7.546	0.033
10	14	7.505	7.542	0.037
10	15	7.554	7.535	-0.019
15	16	7.578	7.503	-0.075
15	17	7.469	7.541	0.072
15	18	7.526	7.479	-0.047
15	19	7.564	7.632	0.068
15	20	7.579	7.592	0.013
30	21	7.526	7.621	0.095
30	22	7.481	7.578	0.097
30	23	7.539	7.670	0.131
30	24	7.548	7.609	0.061
30	25	7.482	7.607	0.125
35	26	7.521	7.566	0.045
35	27	7.481	7.586	0.105
35	28	7.519	7.540	0.021
35	29	7.587	7.610	0.023
35	30	7.529	7.633	0.104
50	31	7.503	7.612	0.109
50	32	7.571	7.639	0.068
50	33	7.592	7.653	0.061
50	34	7.475	7.648	0.173
50	35	7.562	7.642	0.080
55	36	7.581	7.673	0.092
55	37	7.514	7.533	0.019
55	38	7.548	7.558	0.010
55	39	7.563	7.579	0.016
55	40	7.544	7.634	0.090
100	41	7.528	7.580	0.052
100	42	7.528	7.588	0.060
100	43	7.547	7.681	0.134
100	44	7.510	7.581	0.071
100	45	7.500	7.645	0.145
105	46	7.614	7.553	-0.061
105	47	7.538	7.608	0.070
105	48	7.585	7.500	-0.085
105	49	7.560	7.514	-0.046
105	50	7.602	7.617	0.015
105	51	7.561	7.659	0.098
105	52	7.588	7.598	0.010
105	53	7.563	7.556	-0.007
105	54	7.598	7.647	0.049
105	55	7.532	7.673	0.141
105	56	7.616	7.621	0.005
105	57	7.610	7.511	-0.099
105	58	7.571	7.562	-0.009
105	59	7.602	7.649	0.047
105	60	7.598	7.623	0.025
105	61	7.562	7.592	0.030
105	62	7.591	7.564	-0.027
105	63	7.584	7.609	0.025
105	64	7.491	7.632	0.141
105	65	7.615	7.514	-0.101
105	66	7.571	7.586	0.015
105	67	7.536	7.547	0.011
	Max	7.616	7.681	0.173
	Average	7.547	7.580	0.033
	Min	7.456	7.475	-0.102
	Std Dev	0.042	0.053	0.068



	9.57_T_SYNC_RISE_500kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.514	7.475	7.484	7.535	7.479	7.578	7.540	7.612	7.533	7.580	7.500
Average	7.542	7.517	7.541	7.553	7.549	7.617	7.587	7.639	7.595	7.615	7.588
Max	7.580	7.584	7.581	7.587	7.632	7.670	7.633	7.653	7.673	7.681	7.673
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

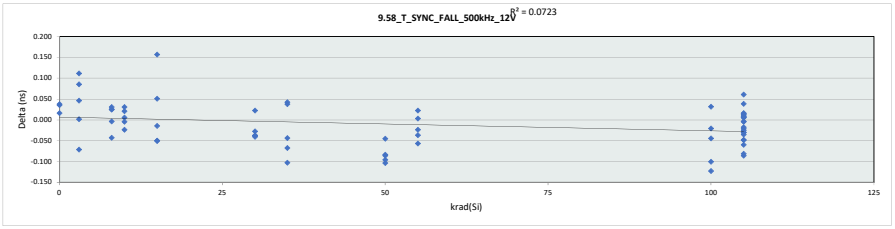


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

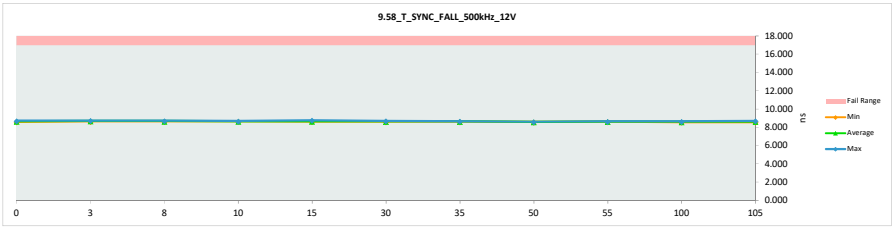
	9.58_T_SYNC_FALL_500kHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.700	8.718	0.018
0	992	8.639	8.676	0.037
0	993	8.565	8.604	0.039
3	1	8.644	8.731	0.087
3	2	8.725	8.655	-0.070
3	3	8.631	8.744	0.113
3	4	8.678	8.681	0.003
3	5	8.651	8.699	0.048
8	6	8.687	8.719	0.032
8	7	8.647	8.645	-0.002
8	8	8.661	8.688	0.027
8	9	8.697	8.656	-0.041
8	10	8.662	8.688	0.026
10	11	8.678	8.685	0.007
10	12	8.669	8.666	-0.003
10	13	8.636	8.668	0.032
10	14	8.628	8.650	0.022
10	15	8.714	8.692	-0.022
15	16	8.682	8.669	-0.013
15	17	8.703	8.655	-0.048
15	18	8.616	8.774	0.158
15	19	8.598	8.650	0.052
15	20	8.678	8.629	-0.049
30	21	8.692	8.656	-0.036
30	22	8.679	8.643	-0.036
30	23	8.659	8.633	-0.026
30	24	8.676	8.700	0.024
30	25	8.664	8.625	-0.039
35	26	8.627	8.671	0.044
35	27	8.682	8.640	-0.042
35	28	8.733	8.667	-0.066
35	29	8.616	8.655	0.039
35	30	8.725	8.624	-0.101
50	31	8.695	8.601	-0.094
50	32	8.684	8.582	-0.102
50	33	8.667	8.585	-0.082
50	34	8.640	8.596	-0.044
50	35	8.698	8.614	-0.084
55	36	8.646	8.651	0.005
55	37	8.662	8.640	-0.022
55	38	8.639	8.663	0.024
55	39	8.668	8.613	-0.055
55	40	8.673	8.638	-0.035
100	41	8.648	8.605	-0.043
100	42	8.654	8.635	-0.019
100	43	8.684	8.563	-0.121
100	44	8.623	8.656	0.033
100	45	8.732	8.633	-0.099
105	46	8.635	8.642	0.007
105	47	8.655	8.652	-0.003
105	48	8.657	8.675	0.018
105	49	8.642	8.682	0.040
105	50	8.616	8.623	0.007
105	51	8.700	8.616	-0.084
105	52	8.601	8.612	0.011
105	53	8.647	8.600	-0.047
105	54	8.636	8.634	-0.002
105	55	8.653	8.669	0.016
105	56	8.665	8.637	-0.028
105	57	8.638	8.700	0.062
105	58	8.598	8.569	-0.029
105	59	8.629	8.582	-0.047
105	60	8.599	8.614	0.015
105	61	8.614	8.624	0.010
105	62	8.642	8.618	-0.024
105	63	8.685	8.627	-0.058
105	64	8.664	8.630	-0.034
105	65	8.641	8.625	-0.016
105	66	8.674	8.594	-0.080
105	67	8.685	8.665	-0.020
	Max	8.733	8.774	0.158
	Average	8.659	8.647	-0.012
	Min	8.565	8.563	-0.121
	Std Dev	0.034	0.041	0.052



	9.58_T_SYNC_FALL_500kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.604	8.655	8.645	8.650	8.629	8.625	8.624	8.582	8.613	8.563	8.569
Average	8.666	8.702	8.679	8.672	8.675	8.651	8.651	8.596	8.641	8.618	8.631
Max	8.718	8.744	8.719	8.692	8.774	8.700	8.671	8.614	8.663	8.656	8.700
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

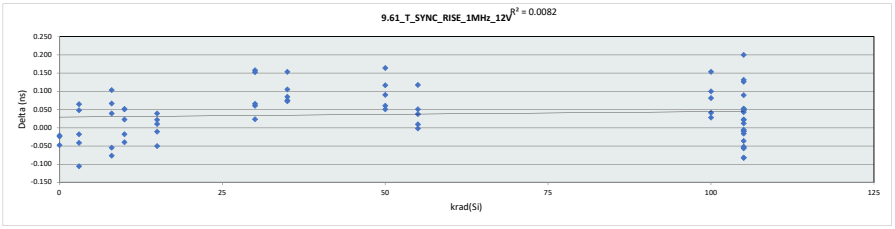


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

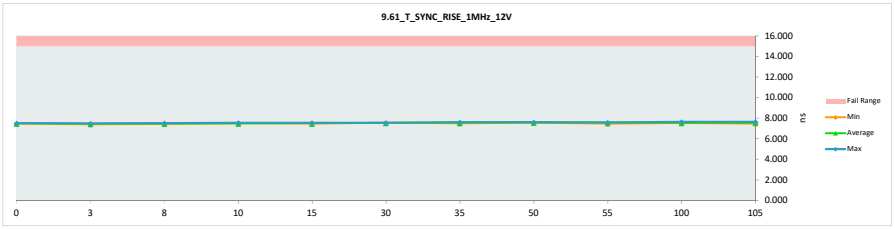
	9.61_T_SYNC_RISE_1MHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.489	7.467	-0.022
0	992	7.525	7.505	-0.020
0	993	7.574	7.528	-0.046
3	1	7.460	7.420	-0.040
3	2	7.444	7.510	0.066
3	3	7.546	7.442	-0.104
3	4	7.448	7.432	-0.016
3	5	7.450	7.500	0.050
8	6	7.470	7.511	0.041
8	7	7.517	7.442	-0.075
8	8	7.449	7.517	0.068
8	9	7.425	7.530	0.105
8	10	7.519	7.466	-0.053
10	11	7.541	7.503	-0.038
10	12	7.496	7.548	0.052
10	13	7.435	7.488	0.053
10	14	7.460	7.484	0.024
10	15	7.517	7.501	-0.016
15	16	7.523	7.474	-0.049
15	17	7.432	7.473	0.041
15	18	7.474	7.486	0.012
15	19	7.553	7.576	0.023
15	20	7.527	7.518	-0.009
30	21	7.486	7.553	0.067
30	22	7.411	7.570	0.159
30	23	7.511	7.573	0.062
30	24	7.526	7.551	0.025
30	25	7.421	7.575	0.154
35	26	7.430	7.516	0.086
35	27	7.414	7.521	0.107
35	28	7.420	7.497	0.077
35	29	7.521	7.595	0.074
35	30	7.454	7.609	0.155
50	31	7.436	7.601	0.165
50	32	7.532	7.594	0.062
50	33	7.529	7.621	0.092
50	34	7.463	7.581	0.118
50	35	7.524	7.576	0.052
55	36	7.554	7.593	0.039
55	37	7.471	7.471	0.000
55	38	7.496	7.548	0.052
55	39	7.535	7.546	0.011
55	40	7.462	7.581	0.119
100	41	7.485	7.528	0.043
100	42	7.474	7.575	0.101
100	43	7.487	7.642	0.155
100	44	7.501	7.530	0.029
100	45	7.476	7.559	0.083
105	46	7.562	7.512	-0.050
105	47	7.515	7.568	0.053
105	48	7.525	7.473	-0.052
105	49	7.511	7.476	-0.035
105	50	7.547	7.571	0.024
105	51	7.520	7.611	0.091
105	52	7.537	7.560	0.023
105	53	7.526	7.519	-0.007
105	54	7.522	7.650	0.128
105	55	7.474	7.607	0.133
105	56	7.585	7.571	-0.014
105	57	7.553	7.472	-0.081
105	58	7.522	7.518	-0.004
105	59	7.549	7.598	0.049
105	60	7.543	7.587	0.044
105	61	7.532	7.583	0.051
105	62	7.521	7.513	-0.008
105	63	7.540	7.594	0.054
105	64	7.384	7.585	0.201
105	65	7.571	7.491	-0.080
105	66	7.518	7.532	0.014
105	67	7.533	7.478	-0.055
	Max	7.585	7.650	0.201
	Average	7.498	7.536	0.037
	Min	7.384	7.420	-0.104
	Std Dev	0.046	0.053	0.067



	9.61_T_SYNC_RISE_1MHz_12	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.467	7.420	7.442	7.484	7.473	7.551	7.497	7.576	7.471	7.528	7.472
Average	7.500	7.461	7.493	7.505	7.505	7.564	7.548	7.595	7.548	7.567	7.549
Max	7.528	7.510	7.530	7.548	7.576	7.575	7.609	7.621	7.593	7.642	7.650
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

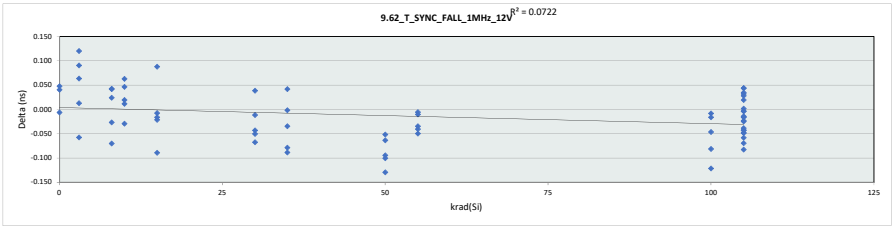


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

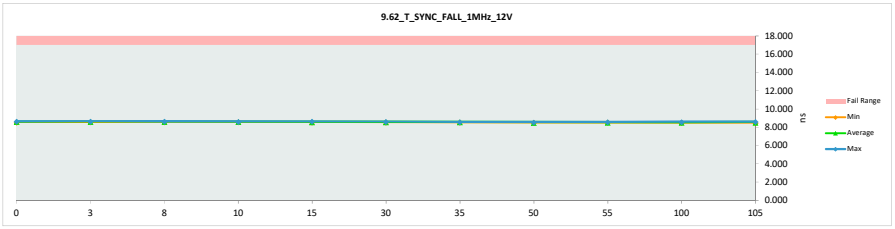
	9.62_T_SYNC_FALL_1MHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.628	8.677	0.049
0	992	8.600	8.642	0.042
0	993	8.582	8.577	-0.005
3	1	8.602	8.667	0.065
3	2	8.656	8.600	-0.056
3	3	8.570	8.691	0.121
3	4	8.643	8.657	0.014
3	5	8.582	8.674	0.092
8	6	8.619	8.644	0.025
8	7	8.647	8.622	-0.025
8	8	8.620	8.664	0.044
8	9	8.679	8.610	-0.069
8	10	8.608	8.651	0.043
10	11	8.613	8.634	0.021
10	12	8.619	8.632	0.013
10	13	8.589	8.653	0.064
10	14	8.564	8.612	0.048
10	15	8.684	8.656	-0.028
15	16	8.631	8.616	-0.015
15	17	8.679	8.591	-0.088
15	18	8.582	8.671	0.089
15	19	8.615	8.595	-0.020
15	20	8.622	8.616	-0.006
30	21	8.643	8.577	-0.066
30	22	8.626	8.616	-0.010
30	23	8.639	8.590	-0.049
30	24	8.616	8.656	0.040
30	25	8.621	8.579	-0.042
35	26	8.608	8.608	0.000
35	27	8.661	8.584	-0.077
35	28	8.638	8.605	-0.033
35	29	8.571	8.614	0.043
35	30	8.663	8.576	-0.087
50	31	8.636	8.574	-0.062
50	32	8.654	8.555	-0.099
50	33	8.670	8.542	-0.128
50	34	8.602	8.552	-0.050
50	35	8.658	8.565	-0.093
55	36	8.576	8.567	-0.009
55	37	8.615	8.582	-0.033
55	38	8.599	8.595	-0.004
55	39	8.622	8.574	-0.048
55	40	8.633	8.594	-0.039
100	41	8.592	8.547	-0.045
100	42	8.627	8.620	-0.007
100	43	8.608	8.528	-0.080
100	44	8.636	8.621	-0.015
100	45	8.695	8.575	-0.120
105	46	8.615	8.600	-0.015
105	47	8.613	8.591	-0.022
105	48	8.574	8.619	0.045
105	49	8.608	8.637	0.029
105	50	8.573	8.594	0.021
105	51	8.655	8.574	-0.081
105	52	8.572	8.559	-0.013
105	53	8.623	8.576	-0.047
105	54	8.606	8.559	-0.047
105	55	8.602	8.635	0.033
105	56	8.608	8.606	-0.002
105	57	8.595	8.631	0.036
105	58	8.558	8.516	-0.042
105	59	8.584	8.516	-0.068
105	60	8.544	8.589	0.045
105	61	8.597	8.595	-0.002
105	62	8.577	8.563	-0.014
105	63	8.626	8.589	-0.037
105	64	8.598	8.575	-0.023
105	65	8.632	8.575	-0.057
105	66	8.603	8.562	-0.041
105	67	8.611	8.614	0.003
	Max	8.695	8.691	0.121
	Average	8.616	8.602	-0.014
	Min	8.544	8.516	-0.128
	Std Dev	0.032	0.039	0.052



	9.62_T_SYNC_FALL_1MHz_12	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.577	8.600	8.610	8.612	8.591	8.577	8.576	8.542	8.567	8.528	8.516
Average	8.632	8.658	8.638	8.637	8.618	8.604	8.597	8.558	8.582	8.578	8.585
Max	8.677	8.691	8.664	8.656	8.671	8.656	8.614	8.574	8.595	8.621	8.637
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

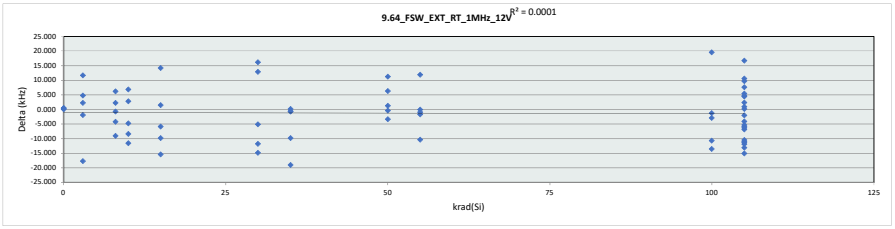


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

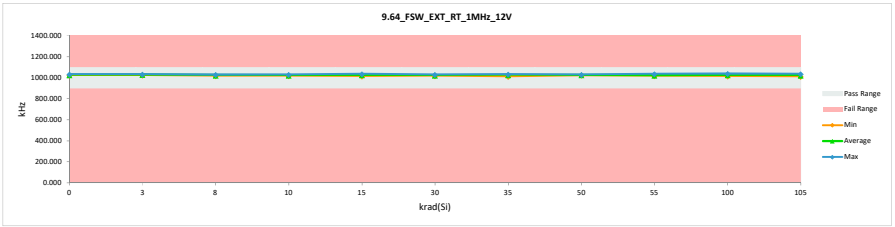
	9.64_FSW_EXT_RT_1MHz_12V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	1100	1100
Min Limit	900	900

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1028.770	1029.425	0.655
0	992	1024.788	1025.465	0.677
0	993	1034.916	1035.149	0.233
3	1	1034.472	1032.788	-1.684
3	2	1022.840	1034.706	11.866
3	3	1023.503	1028.524	5.021
3	4	1029.992	1032.423	2.431
3	5	1044.308	1026.849	-17.459
8	6	1033.156	1024.381	-8.775
8	7	1024.679	1020.635	-4.044
8	8	1018.982	1021.499	2.517
8	9	1024.768	1031.133	6.365
8	10	1029.633	1029.111	-0.522
10	11	1025.974	1021.387	-4.587
10	12	1031.897	1020.566	-11.331
10	13	1034.635	1026.432	-8.203
10	14	1025.124	1032.244	7.120
10	15	1024.106	1027.154	3.048
15	16	1031.779	1026.118	-5.661
15	17	1024.480	1038.854	14.374
15	18	1033.543	1018.327	-15.216
15	19	1036.865	1027.253	-9.612
15	20	1026.926	1028.630	1.704
30	21	1017.808	1030.876	13.068
30	22	1031.205	1019.636	-11.569
30	23	1017.220	1033.646	16.426
30	24	1030.468	1025.633	-4.835
30	25	1038.216	1023.605	-14.611
35	26	1039.294	1029.704	-9.590
35	27	1036.281	1035.769	-0.512
35	28	1032.533	1032.190	-0.343
35	29	1034.097	1015.281	-18.816
35	30	1028.519	1028.884	0.365
50	31	1032.080	1028.931	-3.149
50	32	1025.391	1025.214	-0.177
50	33	1023.967	1025.407	1.440
50	34	1021.321	1027.800	6.479
50	35	1020.715	1032.190	11.475
55	36	1030.736	1020.637	-10.099
55	37	1027.822	1039.909	12.087
55	38	1021.104	1019.642	-1.462
55	39	1020.392	1020.514	0.122
55	40	1026.025	1025.347	-0.678
100	41	1032.166	1029.450	-2.716
100	42	1030.526	1017.194	-13.332
100	43	1024.954	1023.926	-1.028
100	44	1039.481	1029.006	-10.475
100	45	1020.598	1040.415	19.817
105	46	1027.244	1027.653	0.409
105	47	1027.900	1021.774	-6.126
105	48	1031.576	1024.949	-6.627
105	49	1022.347	1024.934	2.587
105	50	1035.924	1025.627	-10.297
105	51	1025.748	1026.888	1.140
105	52	1023.271	1027.926	4.655
105	53	1029.558	1034.482	4.924
105	54	1038.028	1025.116	-12.912
105	55	1032.755	1021.127	-11.628
105	56	1016.171	1027.015	10.844
105	57	1031.888	1021.119	-10.769
105	58	1029.089	1025.250	-3.839
105	59	1028.897	1034.520	5.623
105	60	1028.918	1023.837	-5.081
105	61	1028.767	1013.958	-14.809
105	62	1032.554	1026.931	-5.623
105	63	1020.068	1018.276	-1.792
105	64	1041.161	1030.063	-11.098
105	65	1024.055	1033.941	9.886
105	66	1021.325	1038.235	16.910
105	67	1025.510	1033.402	7.892
	Max	1044.308	1040.415	19.817
	Average	1028.512	1027.241	-1.270
	Min	1016.171	1013.958	-18.816
	Std Dev	6.099	5.824	8.851



	9.64_FSW_EXT_RT_1MHz_12V	
Test Site		
Tester		
Test Number		
Max Limit	1100	kHz
Min Limit	900	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000
Min	1025.465	1026.849	1020.635	1020.566	1018.327	1019.636	1015.281	1025.214	1019.642	1017.194	1013.958
Average	1030.013	1031.058	1025.352	1025.557	1027.836	1026.679	1028.366	1027.908	1025.210	1027.998	1026.683
Max	1035.149	1034.706	1031.133	1032.244	1038.854	1033.646	1035.769	1032.190	1039.909	1040.415	1038.235
UL	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000

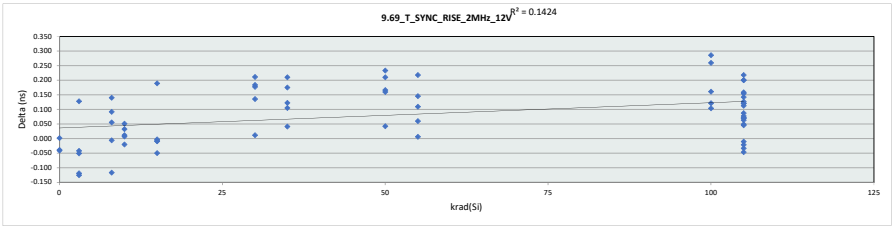


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

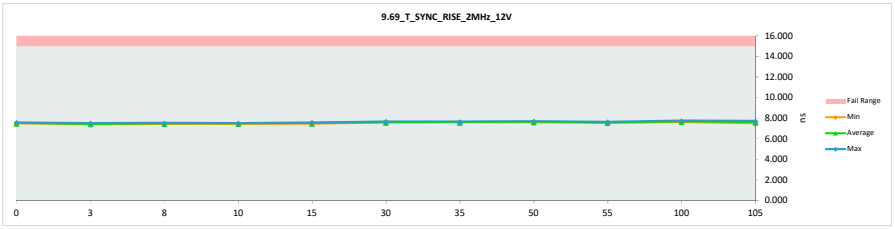
	9.69_T_SYNC_RISE_2MHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.504	7.508	0.004
0	992	7.542	7.503	-0.039
0	993	7.633	7.597	-0.036
3	1	7.450	7.410	-0.040
3	2	7.398	7.528	0.130
3	3	7.559	7.443	-0.116
3	4	7.534	7.411	-0.123
3	5	7.521	7.473	-0.048
8	6	7.448	7.506	0.058
8	7	7.548	7.434	-0.114
8	8	7.408	7.502	0.094
8	9	7.399	7.541	0.142
8	10	7.472	7.469	-0.003
10	11	7.458	7.493	0.035
10	12	7.478	7.531	0.053
10	13	7.462	7.444	-0.018
10	14	7.469	7.483	0.014
10	15	7.474	7.484	0.010
15	16	7.513	7.466	-0.047
15	17	7.381	7.572	0.191
15	18	7.474	7.467	-0.007
15	19	7.602	7.596	-0.006
15	20	7.503	7.503	0.000
30	21	7.458	7.644	0.186
30	22	7.504	7.642	0.138
30	23	7.478	7.691	0.213
30	24	7.539	7.553	0.014
30	25	7.443	7.623	0.180
35	26	7.495	7.602	0.107
35	27	7.470	7.647	0.177
35	28	7.447	7.572	0.125
35	29	7.588	7.632	0.044
35	30	7.456	7.668	0.212
50	31	7.433	7.601	0.168
50	32	7.501	7.663	0.162
50	33	7.477	7.689	0.212
50	34	7.469	7.704	0.235
50	35	7.536	7.581	0.045
55	36	7.526	7.535	0.009
55	37	7.473	7.535	0.062
55	38	7.458	7.606	0.148
55	39	7.504	7.616	0.112
55	40	7.441	7.661	0.220
100	41	7.484	7.647	0.163
100	42	7.495	7.619	0.124
100	43	7.474	7.762	0.288
100	44	7.611	7.717	0.106
100	45	7.447	7.709	0.262
105	46	7.575	7.647	0.072
105	47	7.526	7.649	0.123
105	48	7.531	7.582	0.051
105	49	7.514	7.594	0.080
105	50	7.594	7.667	0.073
105	51	7.523	7.725	0.202
105	52	7.489	7.618	0.129
105	53	7.543	7.667	0.124
105	54	7.548	7.709	0.161
105	55	7.484	7.704	0.220
105	56	7.553	7.697	0.144
105	57	7.594	7.550	-0.044
105	58	7.566	7.631	0.065
105	59	7.528	7.618	0.090
105	60	7.545	7.660	0.115
105	61	7.541	7.589	0.048
105	62	7.594	7.563	-0.031
105	63	7.507	7.499	-0.008
105	64	7.567	7.548	-0.019
105	65	7.548	7.621	0.073
105	66	7.484	7.687	0.203
105	67	7.494	7.651	0.157
	Max	7.633	7.762	0.288
	Average	7.504	7.588	0.084
	Min	7.381	7.410	-0.123
	Std Dev	0.054	0.086	0.096



	9.69_T_SYNC_RISE_2MHz_12	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.503	7.410	7.434	7.444	7.466	7.553	7.572	7.581	7.535	7.619	7.499
Average	7.536	7.453	7.490	7.487	7.521	7.631	7.624	7.648	7.591	7.691	7.631
Max	7.597	7.528	7.541	7.531	7.596	7.691	7.668	7.704	7.661	7.762	7.725
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

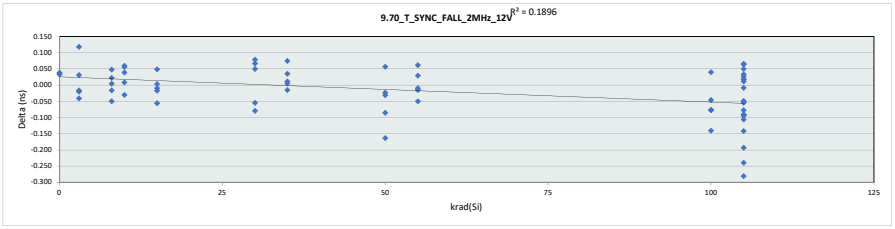


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

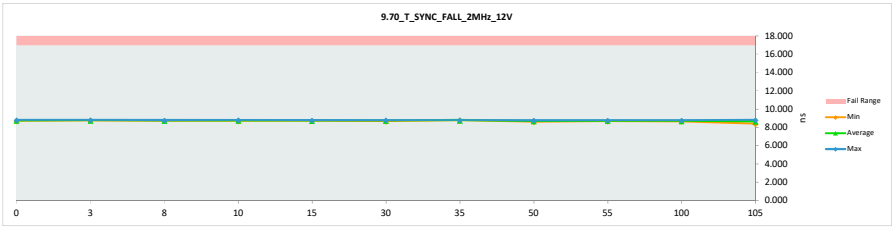
	9.70_T_SYNC_FALL_2MHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.793	8.833	0.040
0	992	8.733	8.772	0.039
0	993	8.679	8.714	0.035
3	1	8.754	8.787	0.033
3	2	8.818	8.779	-0.039
3	3	8.707	8.827	0.120
3	4	8.799	8.785	-0.014
3	5	8.803	8.785	-0.018
8	6	8.763	8.787	0.024
8	7	8.747	8.753	0.006
8	8	8.751	8.801	0.050
8	9	8.790	8.742	-0.048
8	10	8.772	8.758	-0.014
10	11	8.746	8.756	0.010
10	12	8.753	8.725	-0.028
10	13	8.748	8.806	0.058
10	14	8.724	8.765	0.041
10	15	8.764	8.826	0.062
15	16	8.771	8.776	0.005
15	17	8.751	8.744	-0.007
15	18	8.738	8.789	0.051
15	19	8.794	8.740	-0.054
15	20	8.726	8.711	-0.015
30	21	8.713	8.793	0.080
30	22	8.742	8.689	-0.053
30	23	8.720	8.789	0.069
30	24	8.758	8.810	0.052
30	25	8.762	8.685	-0.077
35	26	8.741	8.817	0.076
35	27	8.775	8.812	0.037
35	28	8.781	8.794	0.013
35	29	8.775	8.782	0.007
35	30	8.817	8.804	-0.013
50	31	8.768	8.685	-0.083
50	32	8.751	8.730	-0.021
50	33	8.757	8.728	-0.029
50	34	8.714	8.773	0.059
50	35	8.784	8.623	-0.161
55	36	8.726	8.713	-0.013
55	37	8.726	8.678	-0.048
55	38	8.726	8.790	0.064
55	39	8.713	8.706	-0.007
55	40	8.754	8.785	0.031
100	41	8.745	8.671	-0.074
100	42	8.758	8.800	0.042
100	43	8.774	8.699	-0.075
100	44	8.809	8.670	-0.139
100	45	8.777	8.733	-0.044
105	46	8.692	8.640	-0.052
105	47	8.692	8.617	-0.075
105	48	8.781	8.677	-0.104
105	49	8.672	8.700	0.028
105	50	8.730	8.638	-0.092
105	51	8.760	8.620	-0.140
105	52	8.682	8.717	0.035
105	53	8.772	8.682	-0.090
105	54	8.739	8.648	-0.091
105	55	8.767	8.720	-0.047
105	56	8.733	8.727	-0.006
105	57	8.742	8.808	0.066
105	58	8.698	8.718	0.020
105	59	8.700	8.612	-0.088
105	60	8.696	8.748	0.052
105	61	8.740	8.753	0.013
105	62	8.732	8.495	-0.237
105	63	8.688	8.409	-0.279
105	64	8.784	8.593	-0.191
105	65	8.749	8.817	0.068
105	66	8.681	8.700	0.019
105	67	8.752	8.700	-0.052
	Max	8.818	8.833	0.120
	Average	8.747	8.729	-0.017
	Min	8.672	8.409	-0.279
	Std Dev	0.035	0.077	0.075



	9.70_T_SYNC_FALL_2MHz_12	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.714	8.779	8.742	8.725	8.711	8.685	8.782	8.623	8.678	8.670	8.409
Average	8.773	8.793	8.768	8.776	8.752	8.753	8.802	8.708	8.734	8.715	8.670
Max	8.833	8.827	8.801	8.826	8.789	8.810	8.817	8.773	8.790	8.800	8.817
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

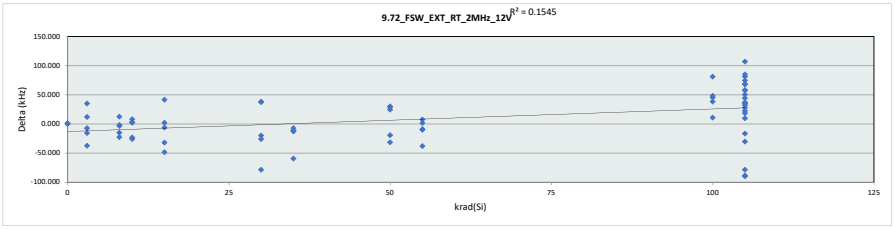


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

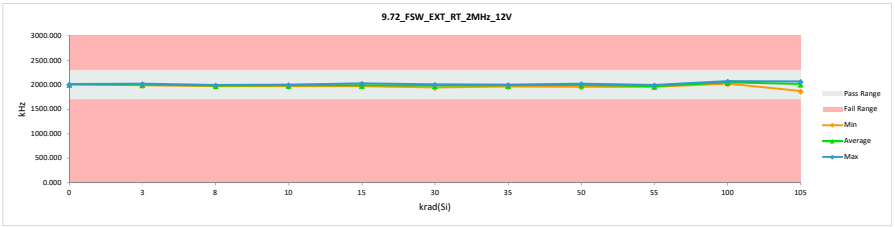
	9.72_FSW_EXT_RT_2MHz_12V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	2300	2300
Min Limit	1700	1700

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	2000.822	2002.883	2.061
0	992	2002.639	2004.833	2.194
0	993	2014.258	2015.287	1.029
3	1	2009.464	2003.753	-5.711
3	2	1983.636	2019.768	36.132
3	3	1993.145	2006.389	13.244
3	4	2022.150	2007.810	-14.340
3	5	2025.183	1989.064	-36.119
8	6	2004.385	1983.257	-21.128
8	7	1989.286	1988.812	-0.474
8	8	1990.764	1988.742	-2.022
8	9	1982.702	1996.481	13.779
8	10	1986.185	1972.717	-13.468
10	11	1979.551	1983.881	4.330
10	12	1994.508	1970.154	-24.354
10	13	2012.294	1990.386	-21.908
10	14	1993.802	2003.130	9.328
10	15	1988.398	1991.981	3.583
15	16	2001.014	1995.998	-5.016
15	17	1985.543	2028.237	42.694
15	18	2000.409	1969.922	-30.487
15	19	2029.185	1982.230	-46.955
15	20	1976.400	1979.886	3.486
30	21	1961.080	1999.903	38.823
30	22	2023.592	1946.439	-77.153
30	23	1969.999	2009.243	39.244
30	24	2001.250	1982.439	-18.811
30	25	2000.320	1976.017	-24.303
35	26	2013.155	2002.939	-10.216
35	27	2016.536	2006.036	-10.500
35	28	2003.767	1998.084	-5.683
35	29	2019.585	1961.536	-58.049
35	30	2006.874	1995.566	-11.308
50	31	2006.240	1988.444	-17.796
50	32	1986.795	2012.481	25.686
50	33	1982.173	2012.310	30.137
50	34	1991.191	2022.320	31.129
50	35	1986.246	1956.312	-29.934
55	36	1997.330	1960.632	-36.698
55	37	1969.917	1961.113	-8.804
55	38	1985.799	1988.746	2.947
55	39	1966.419	1958.864	-7.555
55	40	1989.934	1998.588	8.654
100	41	2006.262	2055.718	49.456
100	42	2009.559	2021.950	12.391
100	43	1992.776	2039.208	46.432
100	44	2032.837	2072.405	39.568
100	45	1973.425	2055.463	82.038
105	46	1981.627	2050.504	68.877
105	47	1978.633	1963.482	-15.151
105	48	2002.100	2047.562	45.462
105	49	1961.598	2047.869	86.271
105	50	2002.316	2038.443	36.127
105	51	1988.337	2040.124	51.787
105	52	1984.601	2043.121	58.520
105	53	1998.607	2068.140	69.533
105	54	2016.713	2055.048	38.335
105	55	2011.893	2041.189	29.296
105	56	1971.220	2046.776	75.556
105	57	2003.004	2026.861	23.857
105	58	2007.580	2041.103	33.523
105	59	1992.157	1963.224	-28.933
105	60	1994.308	2014.052	19.744
105	61	1997.402	2008.555	11.153
105	62	2004.748	1917.867	-86.881
105	63	1959.804	1871.479	-88.325
105	64	2006.043	1928.913	-77.130
105	65	1981.732	2041.062	59.330
105	66	1961.637	2069.571	107.934
105	67	1984.400	2066.901	82.501
	Max	2032.837	2072.405	107.934
	Average	1994.989	2003.574	8.585
	Min	1959.804	1871.479	-88.325
	Std Dev	16.961	38.050	41.358



	9.72_FSW_EXT_RT_2MHz_12V	
Test Site		
Tester		
Test Number		
Max Limit	2300	kHz
Min Limit	1700	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000
Min	2002.883	1989.064	1972.717	1970.154	1969.922	1946.439	1961.536	1956.312	1958.864	2021.950	1871.479
Average	2007.668	2005.357	1986.002	1987.906	1991.255	1982.808	1992.832	1998.373	1973.589	2048.949	2017.811
Max	2015.287	2019.768	1996.481	2003.130	2028.237	2009.243	2006.036	2022.320	1998.588	2072.405	2069.571
UL	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000

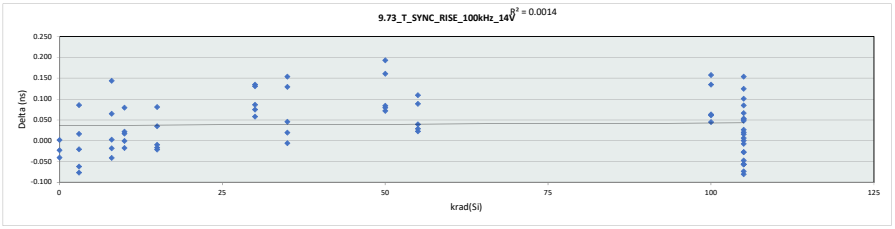


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

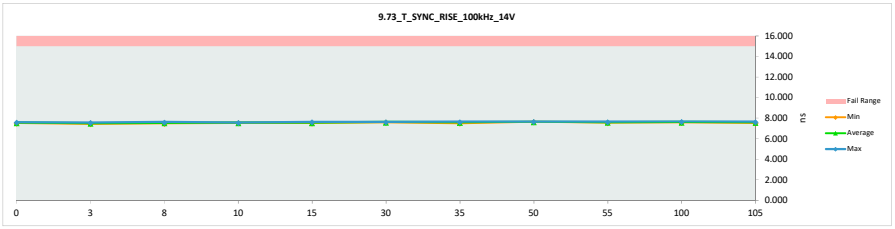
	9.73_T_SYNC_RISE_100kHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.556	7.559	0.003
0	992	7.571	7.532	-0.039
0	993	7.642	7.621	-0.021
3	1	7.532	7.457	-0.075
3	2	7.491	7.578	0.087
3	3	7.573	7.513	-0.060
3	4	7.496	7.477	-0.019
3	5	7.564	7.582	0.018
8	6	7.537	7.541	0.004
8	7	7.541	7.501	-0.040
8	8	7.510	7.576	0.066
8	9	7.486	7.631	0.145
8	10	7.546	7.529	-0.017
10	11	7.572	7.556	-0.016
10	12	7.508	7.589	0.081
10	13	7.523	7.546	0.023
10	14	7.539	7.558	0.019
10	15	7.562	7.563	0.001
15	16	7.580	7.572	-0.008
15	17	7.486	7.568	0.082
15	18	7.546	7.531	-0.015
15	19	7.608	7.644	0.036
15	20	7.587	7.567	-0.020
30	21	7.551	7.639	0.088
30	22	7.487	7.623	0.136
30	23	7.570	7.646	0.076
30	24	7.561	7.620	0.059
30	25	7.505	7.637	0.132
35	26	7.558	7.579	0.021
35	27	7.501	7.632	0.131
35	28	7.519	7.515	-0.004
35	29	7.597	7.644	0.047
35	30	7.503	7.658	0.155
50	31	7.476	7.670	0.194
50	32	7.579	7.652	0.073
50	33	7.572	7.657	0.085
50	34	7.498	7.660	0.162
50	35	7.567	7.648	0.081
55	36	7.629	7.659	0.030
55	37	7.547	7.571	0.024
55	38	7.541	7.631	0.090
55	39	7.570	7.611	0.041
55	40	7.522	7.633	0.111
100	41	7.550	7.612	0.062
100	42	7.553	7.618	0.065
100	43	7.520	7.679	0.159
100	44	7.550	7.596	0.046
100	45	7.506	7.642	0.136
105	46	7.634	7.579	-0.055
105	47	7.562	7.648	0.086
105	48	7.578	7.532	-0.046
105	49	7.595	7.540	-0.055
105	50	7.647	7.592	-0.055
105	51	7.531	7.657	0.126
105	52	7.561	7.610	0.049
105	53	7.582	7.584	0.002
105	54	7.593	7.646	0.053
105	55	7.541	7.643	0.102
105	56	7.624	7.641	0.017
105	57	7.625	7.546	-0.079
105	58	7.620	7.594	-0.026
105	59	7.614	7.642	0.028
105	60	7.607	7.615	0.008
105	61	7.562	7.617	0.055
105	62	7.591	7.585	-0.006
105	63	7.605	7.627	0.022
105	64	7.488	7.643	0.155
105	65	7.615	7.543	-0.072
105	66	7.549	7.617	0.068
105	67	7.605	7.579	-0.026
	Max	7.647	7.679	0.194
	Average	7.557	7.597	0.040
	Min	7.476	7.457	-0.079
	Std Dev	0.043	0.050	0.067



	9.73_T_SYNC_RISE_100kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.532	7.457	7.501	7.546	7.531	7.620	7.515	7.648	7.571	7.596	7.532
Average	7.571	7.521	7.556	7.562	7.576	7.633	7.606	7.657	7.621	7.629	7.604
Max	7.621	7.582	7.631	7.589	7.644	7.646	7.658	7.670	7.659	7.679	7.657
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

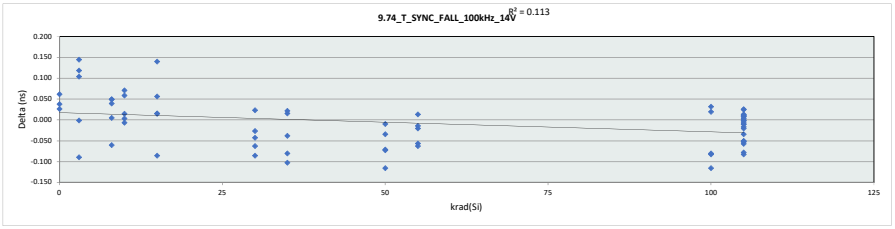


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

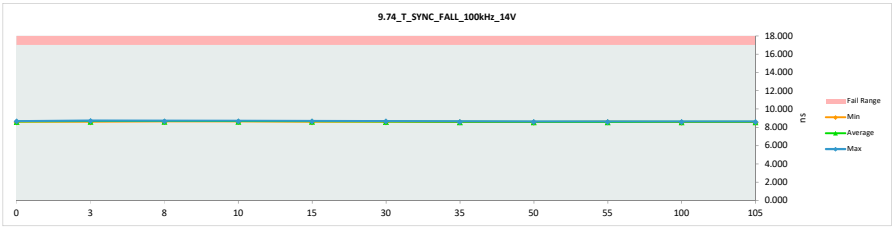
	9.74_T_SYNC_FALL_100kHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.661	8.700	0.039
0	992	8.623	8.686	0.063
0	993	8.575	8.603	0.028
3	1	8.588	8.693	0.105
3	2	8.709	8.621	-0.088
3	3	8.588	8.734	0.146
3	4	8.683	8.683	0.000
3	5	8.596	8.716	0.120
8	6	8.652	8.703	0.051
8	7	8.660	8.666	0.006
8	8	8.661	8.712	0.051
8	9	8.704	8.645	-0.059
8	10	8.652	8.693	0.041
10	11	8.627	8.643	0.016
10	12	8.667	8.672	0.005
10	13	8.622	8.694	0.072
10	14	8.609	8.669	0.060
10	15	8.708	8.703	-0.005
15	16	8.658	8.674	0.016
15	17	8.709	8.625	-0.084
15	18	8.587	8.728	0.141
15	19	8.595	8.653	0.058
15	20	8.651	8.668	0.017
30	21	8.679	8.618	-0.061
30	22	8.664	8.639	-0.025
30	23	8.655	8.614	-0.041
30	24	8.674	8.699	0.025
30	25	8.690	8.606	-0.084
35	26	8.635	8.658	0.023
35	27	8.669	8.632	-0.037
35	28	8.693	8.614	-0.079
35	29	8.610	8.627	0.017
35	30	8.697	8.596	-0.101
50	31	8.648	8.640	-0.008
50	32	8.665	8.594	-0.071
50	33	8.676	8.606	-0.070
50	34	8.624	8.591	-0.033
50	35	8.692	8.578	-0.114
55	36	8.618	8.605	-0.013
55	37	8.663	8.644	-0.019
55	38	8.639	8.654	0.015
55	39	8.679	8.618	-0.061
55	40	8.660	8.605	-0.055
100	41	8.657	8.578	-0.079
100	42	8.639	8.660	0.021
100	43	8.651	8.570	-0.081
100	44	8.625	8.658	0.033
100	45	8.712	8.598	-0.114
105	46	8.644	8.629	-0.015
105	47	8.647	8.639	-0.008
105	48	8.640	8.655	0.015
105	49	8.637	8.663	0.026
105	50	8.603	8.616	0.013
105	51	8.679	8.602	-0.077
105	52	8.635	8.616	-0.019
105	53	8.658	8.577	-0.081
105	54	8.618	8.569	-0.049
105	55	8.652	8.653	0.001
105	56	8.629	8.629	0.000
105	57	8.629	8.656	0.027
105	58	8.616	8.583	-0.033
105	59	8.633	8.577	-0.056
105	60	8.595	8.607	0.012
105	61	8.607	8.616	0.009
105	62	8.622	8.631	0.009
105	63	8.638	8.629	-0.009
105	64	8.640	8.645	0.005
105	65	8.653	8.602	-0.051
105	66	8.653	8.603	-0.050
105	67	8.652	8.648	-0.004
	Max	8.712	8.734	0.146
	Average	8.647	8.639	-0.008
	Min	8.575	8.569	-0.114
	Std Dev	0.033	0.041	0.057



	9.74_T_SYNC_FALL_100kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.603	8.621	8.645	8.643	8.625	8.606	8.596	8.578	8.605	8.570	8.569
Average	8.663	8.689	8.684	8.676	8.670	8.635	8.625	8.602	8.625	8.613	8.620
Max	8.700	8.734	8.712	8.703	8.728	8.699	8.658	8.640	8.654	8.660	8.663
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

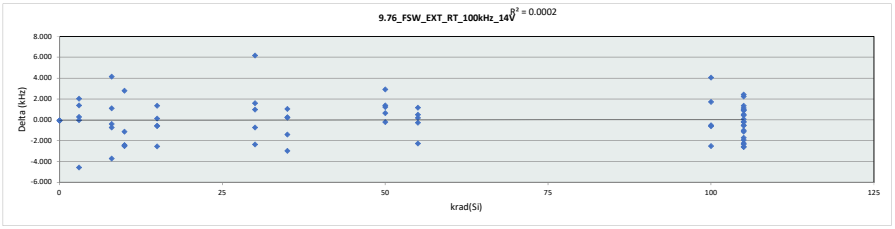


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

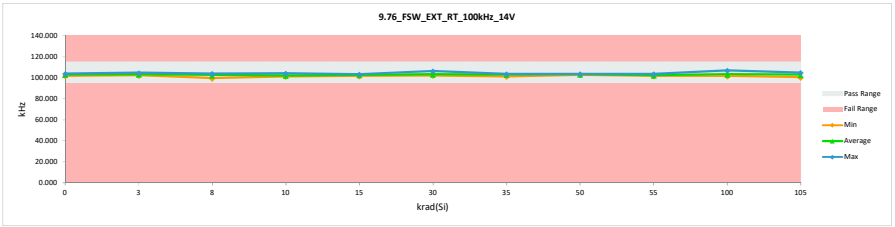
	9.76_FSW_EXT_RT_100kHz_14V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	115	115
Min Limit	95	95

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	103.216	103.232	0.016
0	992	102.002	102.002	0.000
0	993	104.208	104.187	-0.021
3	1	102.769	104.865	2.096
3	2	102.778	104.211	1.433
3	3	103.075	103.121	0.046
3	4	102.556	102.894	0.338
3	5	106.890	102.387	-4.503
8	6	104.260	103.597	-0.663
8	7	103.373	99.722	-3.651
8	8	98.134	102.326	4.192
8	9	102.947	104.118	1.171
8	10	104.439	104.093	-0.346
10	11	104.082	101.725	-2.357
10	12	103.927	101.468	-2.459
10	13	104.026	101.649	-2.377
10	14	101.594	104.444	2.850
10	15	102.774	101.708	-1.066
15	16	104.260	101.786	-2.474
15	17	102.011	103.415	1.404
15	18	103.045	102.541	-0.504
15	19	104.106	103.584	-0.522
15	20	103.356	103.532	0.176
30	21	101.269	102.925	1.656
30	22	101.322	102.364	1.042
30	23	100.342	106.570	6.228
30	24	103.831	103.167	-0.664
30	25	104.768	102.467	-2.301
35	26	103.480	103.795	0.315
35	27	102.588	103.698	1.110
35	28	104.892	103.556	-1.336
35	29	104.219	101.303	-2.916
35	30	103.216	103.486	0.270
50	31	102.888	103.583	0.695
50	32	102.219	103.499	1.280
50	33	103.673	103.536	-0.137
50	34	99.803	102.777	2.974
50	35	102.274	103.733	1.459
55	36	104.085	101.877	-2.208
55	37	103.982	103.766	-0.216
55	38	101.685	102.231	0.546
55	39	101.579	102.814	1.235
55	40	101.570	101.814	0.244
100	41	104.305	101.846	-2.459
100	42	102.484	101.947	-0.537
100	43	101.732	103.524	1.792
100	44	103.610	103.146	-0.464
100	45	102.975	107.094	4.119
105	46	103.609	104.189	0.580
105	47	103.445	103.560	0.115
105	48	103.031	102.575	-0.456
105	49	102.752	102.589	-0.163
105	50	106.594	104.090	-2.504
105	51	103.574	104.063	0.489
105	52	101.913	102.938	1.025
105	53	103.494	104.447	0.953
105	54	103.806	101.953	-1.853
105	55	103.696	102.635	-1.061
105	56	101.363	103.681	2.318
105	57	103.719	101.556	-2.163
105	58	103.241	102.289	-0.952
105	59	103.115	104.132	1.017
105	60	103.733	103.624	-0.109
105	61	103.144	100.597	-2.547
105	62	103.597	101.338	-2.259
105	63	102.300	100.649	-1.651
105	64	104.337	103.861	-0.476
105	65	102.513	104.995	2.482
105	66	102.817	104.013	1.196
105	67	101.797	103.226	1.429
	Max	106.890	107.094	6.228
	Average	103.060	103.059	-0.001
	Min	98.134	99.722	-4.503
	Std Dev	1.344	1.255	1.908



	9.76_FSW_EXT_RT_100kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	115	kHz
Min Limit	95	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000
Min	102.002	102.387	99.722	101.468	101.786	102.364	101.303	102.777	101.814	101.846	100.597
Average	103.140	103.496	102.771	102.199	102.972	103.499	103.168	103.426	102.500	103.511	103.045
Max	104.187	104.865	104.118	104.444	103.584	106.570	103.795	103.733	103.766	107.094	104.995
UL	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000	115.000

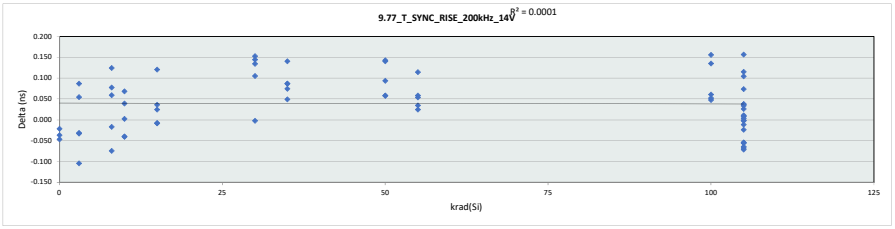


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

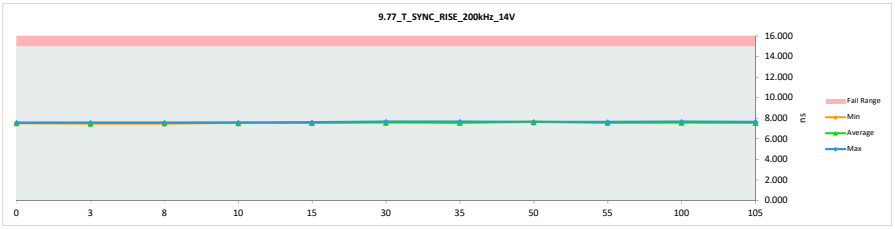
	9.77_T_SYNC_RISE_200kHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.550	7.515	-0.035
0	992	7.597	7.552	-0.045
0	993	7.613	7.593	-0.020
3	1	7.514	7.484	-0.030
3	2	7.485	7.573	0.088
3	3	7.602	7.499	-0.103
3	4	7.521	7.490	-0.031
3	5	7.543	7.599	0.056
8	6	7.496	7.557	0.061
8	7	7.564	7.491	-0.073
8	8	7.488	7.567	0.079
8	9	7.454	7.580	0.126
8	10	7.555	7.540	-0.015
10	11	7.611	7.573	-0.038
10	12	7.521	7.591	0.070
10	13	7.506	7.547	0.041
10	14	7.550	7.554	0.004
10	15	7.581	7.542	-0.039
15	16	7.566	7.560	-0.006
15	17	7.461	7.583	0.122
15	18	7.542	7.535	-0.007
15	19	7.602	7.628	0.026
15	20	7.569	7.607	0.038
30	21	7.521	7.628	0.107
30	22	7.470	7.616	0.146
30	23	7.555	7.691	0.136
30	24	7.581	7.580	-0.001
30	25	7.477	7.631	0.154
35	26	7.533	7.584	0.051
35	27	7.501	7.577	0.076
35	28	7.459	7.547	0.088
35	29	7.580	7.668	0.088
35	30	7.541	7.683	0.142
50	31	7.523	7.667	0.144
50	32	7.565	7.660	0.095
50	33	7.583	7.642	0.059
50	34	7.505	7.647	0.142
50	35	7.583	7.643	0.060
55	36	7.594	7.649	0.055
55	37	7.500	7.536	0.036
55	38	7.546	7.606	0.060
55	39	7.584	7.610	0.026
55	40	7.530	7.646	0.116
100	41	7.538	7.600	0.062
100	42	7.521	7.570	0.049
100	43	7.537	7.694	0.157
100	44	7.536	7.590	0.054
100	45	7.482	7.619	0.137
105	46	7.614	7.561	-0.053
105	47	7.560	7.635	0.075
105	48	7.630	7.560	-0.070
105	49	7.555	7.555	0.000
105	50	7.616	7.615	-0.001
105	51	7.588	7.616	0.028
105	52	7.565	7.604	0.039
105	53	7.593	7.598	0.005
105	54	7.617	7.656	0.039
105	55	7.534	7.651	0.117
105	56	7.654	7.600	-0.054
105	57	7.608	7.542	-0.066
105	58	7.602	7.580	-0.022
105	59	7.635	7.670	0.035
105	60	7.617	7.629	0.012
105	61	7.585	7.596	0.011
105	62	7.593	7.583	-0.010
105	63	7.558	7.664	0.106
105	64	7.501	7.659	0.158
105	65	7.617	7.554	-0.063
105	66	7.560	7.569	0.009
105	67	7.596	7.543	-0.053
	Max	7.654	7.694	0.158
	Average	7.555	7.594	0.039
	Min	7.454	7.484	-0.103
	Std Dev	0.047	0.050	0.067



	9.77_T_SYNC_RISE_200kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.515	7.484	7.491	7.542	7.535	7.580	7.547	7.642	7.536	7.570	7.542
Average	7.553	7.529	7.547	7.561	7.583	7.629	7.612	7.652	7.609	7.615	7.602
Max	7.593	7.599	7.580	7.591	7.628	7.691	7.683	7.667	7.649	7.694	7.670
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

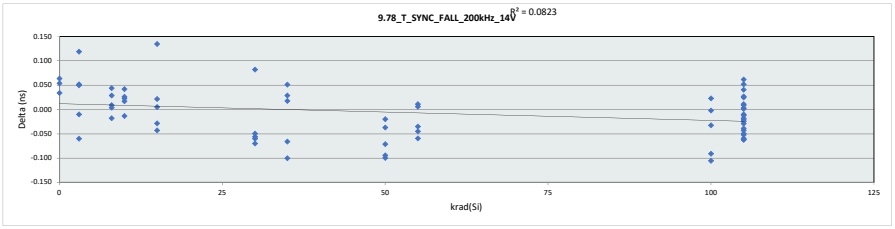


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

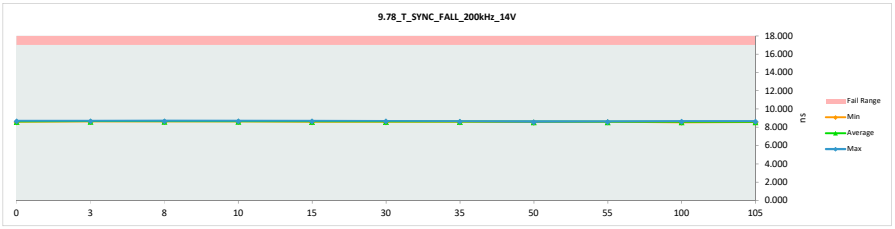
	9.78_T_SYNC_FALL_200kHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.649	8.714	0.065
0	992	8.616	8.651	0.035
0	993	8.546	8.601	0.055
3	1	8.659	8.710	0.051
3	2	8.695	8.636	-0.059
3	3	8.609	8.729	0.120
3	4	8.674	8.665	-0.009
3	5	8.630	8.683	0.053
8	6	8.674	8.704	0.030
8	7	8.646	8.651	0.005
8	8	8.651	8.696	0.045
8	9	8.692	8.675	-0.017
8	10	8.655	8.665	0.010
10	11	8.613	8.640	0.027
10	12	8.669	8.693	0.024
10	13	8.639	8.682	0.043
10	14	8.614	8.632	0.018
10	15	8.729	8.717	-0.012
15	16	8.675	8.648	-0.027
15	17	8.693	8.651	-0.042
15	18	8.582	8.718	0.136
15	19	8.605	8.611	0.006
15	20	8.637	8.660	0.023
30	21	8.681	8.633	-0.048
30	22	8.671	8.616	-0.055
30	23	8.674	8.605	-0.069
30	24	8.626	8.709	0.083
30	25	8.668	8.609	-0.059
35	26	8.633	8.685	0.052
35	27	8.653	8.672	0.019
35	28	8.702	8.637	-0.065
35	29	8.606	8.636	0.030
35	30	8.712	8.613	-0.099
50	31	8.636	8.600	-0.036
50	32	8.686	8.593	-0.093
50	33	8.682	8.584	-0.098
50	34	8.645	8.626	-0.019
50	35	8.684	8.614	-0.070
55	36	8.614	8.626	0.012
55	37	8.647	8.613	-0.034
55	38	8.641	8.648	0.007
55	39	8.656	8.612	-0.044
55	40	8.680	8.622	-0.058
100	41	8.625	8.594	-0.031
100	42	8.659	8.683	0.024
100	43	8.655	8.565	-0.090
100	44	8.647	8.646	-0.001
100	45	8.708	8.604	-0.104
105	46	8.637	8.614	-0.023
105	47	8.638	8.621	-0.017
105	48	8.650	8.678	0.028
105	49	8.612	8.675	0.063
105	50	8.603	8.656	0.053
105	51	8.692	8.631	-0.061
105	52	8.607	8.611	0.004
105	53	8.669	8.608	-0.061
105	54	8.636	8.598	-0.038
105	55	8.665	8.677	0.012
105	56	8.659	8.648	-0.011
105	57	8.625	8.651	0.026
105	58	8.620	8.578	-0.042
105	59	8.630	8.579	-0.051
105	60	8.571	8.613	0.042
105	61	8.607	8.617	0.010
105	62	8.609	8.589	-0.020
105	63	8.668	8.640	-0.028
105	64	8.656	8.608	-0.048
105	65	8.619	8.621	0.002
105	66	8.632	8.574	-0.058
105	67	8.652	8.643	-0.009
	Max	8.729	8.729	0.136
	Average	8.647	8.640	-0.007
	Min	8.546	8.565	-0.104
	Std Dev	0.034	0.040	0.051



	9.78_T_SYNC_FALL_200kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.601	8.636	8.651	8.632	8.611	8.605	8.613	8.584	8.612	8.565	8.574
Average	8.655	8.685	8.678	8.673	8.658	8.634	8.649	8.603	8.624	8.618	8.624
Max	8.714	8.729	8.704	8.717	8.718	8.709	8.685	8.626	8.648	8.683	8.678
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

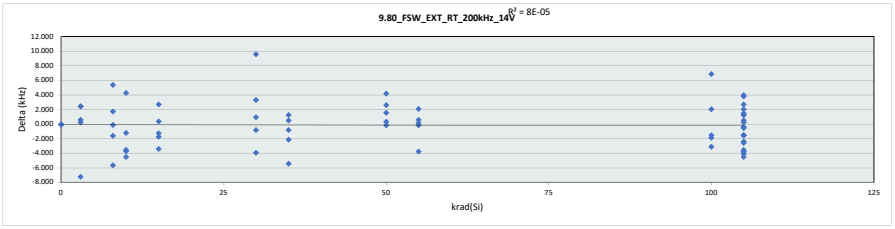


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

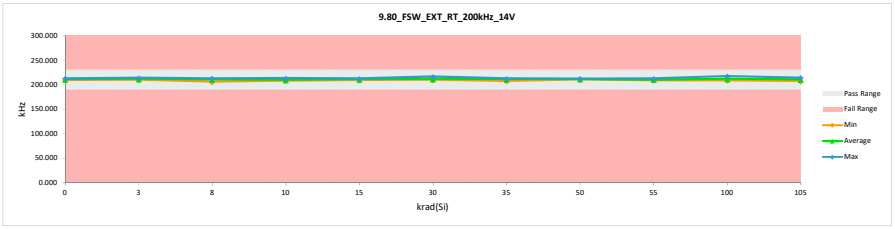
	9.80_FSW_EXT_RT_200kHz_14V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	230	230
Min Limit	190	190

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	211.827	211.892	0.065
0	992	209.821	209.828	0.007
0	993	213.311	213.307	-0.004
3	1	211.806	214.311	2.505
3	2	210.972	213.481	2.509
3	3	211.321	211.655	0.334
3	4	211.009	211.681	0.672
3	5	217.790	210.673	-7.117
8	6	213.581	212.068	-1.513
8	7	212.044	206.493	-5.551
8	8	204.660	210.090	5.430
8	9	211.253	213.072	1.819
8	10	213.320	213.302	-0.018
10	11	212.761	209.291	-3.470
10	12	213.123	208.687	-4.436
10	13	213.257	209.604	-3.653
10	14	209.208	213.564	4.356
10	15	210.835	209.721	-1.114
15	16	213.249	209.920	-3.329
15	17	209.989	212.763	2.774
15	18	211.894	210.238	-1.656
15	19	213.551	212.363	-1.188
15	20	212.138	212.601	0.463
30	21	208.564	211.964	3.400
30	22	209.390	210.393	1.003
30	23	207.164	216.831	9.667
30	24	212.668	211.912	-0.756
30	25	214.564	210.720	-3.844
35	26	213.304	212.575	-0.729
35	27	211.637	212.959	1.322
35	28	214.410	212.341	-2.069
35	29	213.475	208.126	-5.349
35	30	211.786	212.369	0.583
50	31	211.636	212.058	0.422
50	32	210.338	211.946	1.608
50	33	212.143	212.047	-0.096
50	34	206.618	210.894	4.276
50	35	210.001	212.696	2.695
55	36	213.022	209.328	-3.694
55	37	213.103	213.017	-0.086
55	38	209.189	209.874	0.685
55	39	208.889	211.022	2.133
55	40	209.521	209.726	0.205
100	41	213.367	210.341	-3.026
100	42	211.094	209.301	-1.793
100	43	209.785	211.910	2.125
100	44	213.042	211.609	-1.433
100	45	211.034	217.966	6.932
105	46	212.417	213.003	0.586
105	47	212.405	212.125	-0.280
105	48	212.080	210.634	-1.446
105	49	211.132	210.689	-0.443
105	50	216.972	212.556	-4.416
105	51	212.400	212.728	0.328
105	52	210.020	211.351	1.331
105	53	212.200	213.725	1.525
105	54	213.301	209.562	-3.739
105	55	212.630	210.324	-2.306
105	56	208.316	212.195	3.879
105	57	212.806	209.127	-3.679
105	58	211.776	210.311	-1.465
105	59	211.833	213.171	1.338
105	60	212.523	212.095	-0.428
105	61	211.544	207.525	-4.019
105	62	212.579	209.118	-3.461
105	63	210.091	207.597	-2.494
105	64	213.855	212.432	-1.423
105	65	210.490	214.536	4.046
105	66	211.054	213.836	2.782
105	67	209.872	211.992	2.120
	Max	217.790	217.966	9.667
	Average	211.639	211.502	-0.137
	Min	204.660	206.493	-7.117
	Std Dev	2.103	1.992	3.024



	9.80_FSW_EXT_RT_200kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	230	kHz
Min Limit	190	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000	190.000
Min	209.828	210.673	206.493	208.687	209.920	210.393	208.126	210.894	209.328	209.301	207.525
Average	211.676	212.360	211.005	210.173	211.577	212.364	211.674	211.928	210.593	212.225	211.392
Max	213.307	214.311	213.302	213.564	212.763	216.831	212.959	212.696	213.017	217.966	214.536
UL	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000	230.000

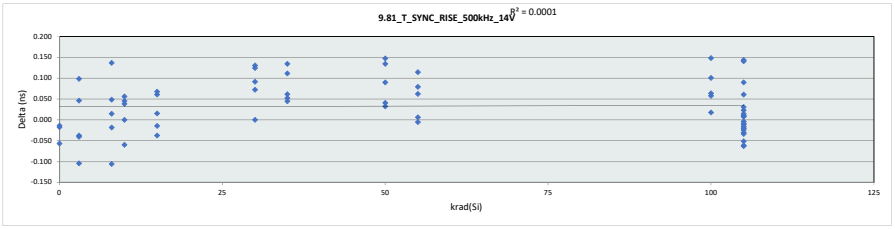


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

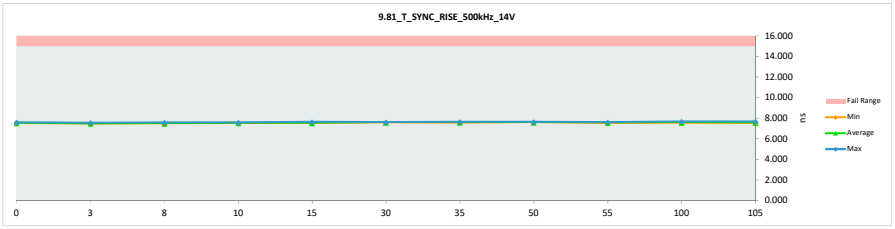
	9.81_T_SYNC_RISE_500kHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.585	7.530	-0.055
0	992	7.576	7.560	-0.016
0	993	7.620	7.608	-0.012
3	1	7.507	7.468	-0.039
3	2	7.473	7.573	0.100
3	3	7.601	7.498	-0.103
3	4	7.518	7.482	-0.036
3	5	7.517	7.565	0.048
8	6	7.511	7.561	0.050
8	7	7.590	7.486	-0.104
8	8	7.497	7.513	0.016
8	9	7.465	7.603	0.138
8	10	7.559	7.542	-0.017
10	11	7.590	7.532	-0.058
10	12	7.549	7.589	0.040
10	13	7.510	7.557	0.047
10	14	7.497	7.555	0.058
10	15	7.552	7.554	0.002
15	16	7.568	7.532	-0.036
15	17	7.478	7.540	0.062
15	18	7.523	7.540	0.017
15	19	7.573	7.642	0.069
15	20	7.596	7.583	-0.013
30	21	7.524	7.617	0.093
30	22	7.487	7.619	0.132
30	23	7.555	7.629	0.074
30	24	7.597	7.599	0.002
30	25	7.498	7.624	0.126
35	26	7.541	7.595	0.054
35	27	7.489	7.602	0.113
35	28	7.507	7.570	0.063
35	29	7.592	7.638	0.046
35	30	7.519	7.655	0.136
50	31	7.493	7.629	0.136
50	32	7.544	7.635	0.091
50	33	7.606	7.648	0.042
50	34	7.479	7.628	0.149
50	35	7.582	7.616	0.034
55	36	7.562	7.626	0.064
55	37	7.534	7.542	0.008
55	38	7.540	7.621	0.081
55	39	7.588	7.584	-0.004
55	40	7.519	7.635	0.116
100	41	7.544	7.603	0.059
100	42	7.537	7.556	0.019
100	43	7.544	7.694	0.150
100	44	7.538	7.603	0.065
100	45	7.521	7.623	0.102
105	46	7.620	7.560	-0.060
105	47	7.564	7.596	0.032
105	48	7.560	7.528	-0.032
105	49	7.569	7.519	-0.050
105	50	7.598	7.607	0.009
105	51	7.565	7.656	0.091
105	52	7.619	7.601	-0.018
105	53	7.579	7.556	-0.023
105	54	7.616	7.641	0.025
105	55	7.537	7.679	0.142
105	56	7.621	7.619	-0.002
105	57	7.612	7.551	-0.061
105	58	7.578	7.569	-0.009
105	59	7.587	7.649	0.062
105	60	7.612	7.624	0.012
105	61	7.605	7.591	-0.014
105	62	7.592	7.563	-0.029
105	63	7.596	7.606	0.010
105	64	7.501	7.646	0.145
105	65	7.563	7.556	-0.007
105	66	7.559	7.575	0.016
105	67	7.570	7.552	-0.018
	Max	7.621	7.694	0.150
	Average	7.553	7.586	0.033
	Min	7.465	7.468	-0.104
	Std Dev	0.042	0.048	0.064



	9.81_T_SYNC_RISE_500kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.530	7.468	7.486	7.532	7.532	7.599	7.570	7.616	7.542	7.556	7.519
Average	7.566	7.517	7.541	7.557	7.567	7.618	7.612	7.631	7.602	7.616	7.593
Max	7.608	7.573	7.603	7.589	7.642	7.629	7.655	7.648	7.635	7.694	7.679
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

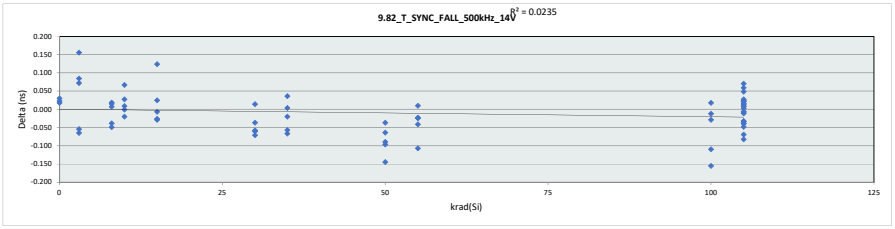


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

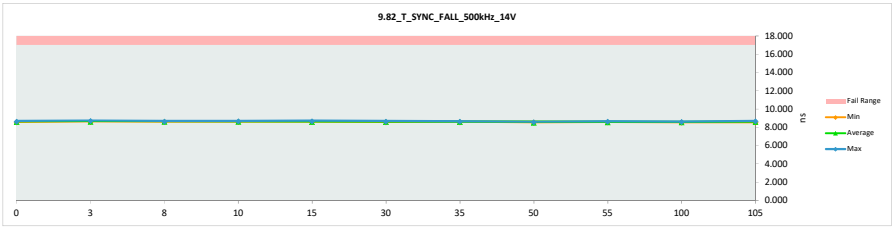
	9.82_T_SYNC_FALL_500kHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.673	8.698	0.025
0	992	8.661	8.681	0.020
0	993	8.579	8.611	0.032
3	1	8.634	8.708	0.074
3	2	8.711	8.648	-0.063
3	3	8.592	8.749	0.157
3	4	8.717	8.665	-0.052
3	5	8.616	8.702	0.086
8	6	8.671	8.688	0.017
8	7	8.688	8.641	-0.047
8	8	8.663	8.684	0.021
8	9	8.686	8.650	-0.036
8	10	8.674	8.683	0.009
10	11	8.642	8.643	0.001
10	12	8.684	8.666	-0.018
10	13	8.630	8.699	0.069
10	14	8.616	8.645	0.029
10	15	8.702	8.713	0.011
15	16	8.667	8.662	-0.005
15	17	8.668	8.641	-0.027
15	18	8.605	8.731	0.126
15	19	8.604	8.631	0.027
15	20	8.663	8.639	-0.024
30	21	8.685	8.629	-0.056
30	22	8.684	8.615	-0.069
30	23	8.656	8.598	-0.058
30	24	8.676	8.692	0.016
30	25	8.666	8.631	-0.035
35	26	8.630	8.668	0.038
35	27	8.654	8.636	-0.018
35	28	8.707	8.643	-0.064
35	29	8.634	8.640	0.006
35	30	8.672	8.617	-0.055
50	31	8.683	8.621	-0.062
50	32	8.666	8.572	-0.094
50	33	8.728	8.586	-0.142
50	34	8.637	8.602	-0.035
50	35	8.672	8.585	-0.087
55	36	8.628	8.607	-0.021
55	37	8.666	8.644	-0.022
55	38	8.660	8.672	0.012
55	39	8.656	8.617	-0.039
55	40	8.706	8.601	-0.105
100	41	8.602	8.592	-0.010
100	42	8.643	8.616	-0.027
100	43	8.715	8.562	-0.153
100	44	8.620	8.640	0.020
100	45	8.728	8.621	-0.107
105	46	8.609	8.633	0.024
105	47	8.645	8.672	0.027
105	48	8.650	8.665	0.015
105	49	8.617	8.689	0.072
105	50	8.627	8.632	0.005
105	51	8.687	8.607	-0.080
105	52	8.570	8.593	0.023
105	53	8.654	8.587	-0.067
105	54	8.619	8.680	0.061
105	55	8.665	8.694	0.029
105	56	8.660	8.624	-0.036
105	57	8.656	8.706	0.050
105	58	8.615	8.569	-0.046
105	59	8.612	8.575	-0.037
105	60	8.605	8.623	0.018
105	61	8.636	8.627	-0.009
105	62	8.620	8.631	0.011
105	63	8.654	8.624	-0.030
105	64	8.648	8.617	-0.031
105	65	8.646	8.640	-0.006
105	66	8.615	8.611	-0.004
105	67	8.655	8.665	0.010
	Max	8.728	8.749	0.157
	Average	8.653	8.642	-0.011
	Min	8.570	8.562	-0.153
	Std Dev	0.035	0.041	0.055



	9.82_T_SYNC_FALL_500kHz_1	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.611	8.648	8.641	8.643	8.631	8.598	8.617	8.572	8.601	8.562	8.569
Average	8.663	8.694	8.669	8.673	8.661	8.633	8.641	8.593	8.628	8.606	8.635
Max	8.698	8.749	8.688	8.713	8.731	8.692	8.668	8.621	8.672	8.640	8.706
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

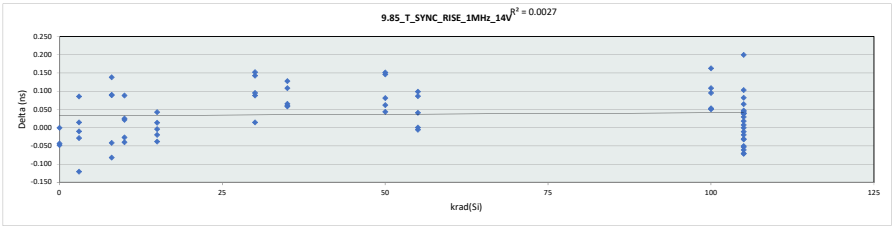


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

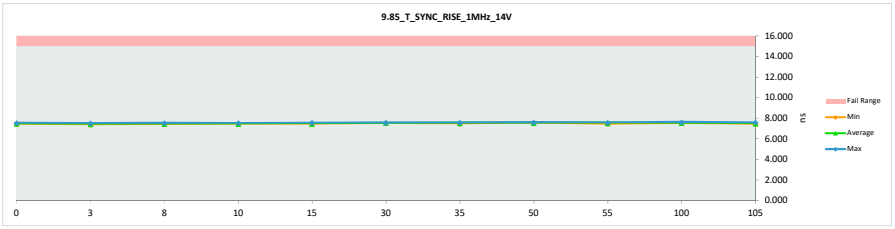
	9.85_T_SYNC_RISE_1MHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.510	7.468	-0.042
0	992	7.513	7.514	0.001
0	993	7.609	7.563	-0.046
3	1	7.446	7.419	-0.027
3	2	7.441	7.528	0.087
3	3	7.549	7.430	-0.119
3	4	7.444	7.436	-0.008
3	5	7.485	7.501	0.016
8	6	7.438	7.529	0.091
8	7	7.521	7.441	-0.080
8	8	7.451	7.543	0.092
8	9	7.425	7.565	0.140
8	10	7.502	7.462	-0.040
10	11	7.538	7.513	-0.025
10	12	7.462	7.552	0.090
10	13	7.469	7.496	0.027
10	14	7.475	7.498	0.023
10	15	7.522	7.484	-0.038
15	16	7.522	7.486	-0.036
15	17	7.418	7.462	0.044
15	18	7.484	7.466	-0.018
15	19	7.567	7.582	0.015
15	20	7.524	7.522	-0.002
30	21	7.484	7.574	0.090
30	22	7.447	7.591	0.144
30	23	7.505	7.602	0.097
30	24	7.536	7.552	0.016
30	25	7.422	7.576	0.154
35	26	7.492	7.552	0.060
35	27	7.441	7.551	0.110
35	28	7.440	7.507	0.067
35	29	7.541	7.603	0.062
35	30	7.442	7.571	0.129
50	31	7.428	7.576	0.148
50	32	7.536	7.619	0.083
50	33	7.536	7.600	0.064
50	34	7.449	7.602	0.153
50	35	7.550	7.595	0.045
55	36	7.553	7.596	0.043
55	37	7.488	7.490	0.002
55	38	7.499	7.599	0.100
55	39	7.546	7.542	-0.004
55	40	7.488	7.576	0.088
100	41	7.496	7.551	0.055
100	42	7.491	7.588	0.097
100	43	7.472	7.636	0.164
100	44	7.494	7.546	0.052
100	45	7.464	7.574	0.110
105	46	7.573	7.503	-0.070
105	47	7.515	7.556	0.041
105	48	7.523	7.474	-0.049
105	49	7.514	7.484	-0.030
105	50	7.559	7.579	0.020
105	51	7.524	7.608	0.084
105	52	7.515	7.546	0.031
105	53	7.527	7.509	-0.018
105	54	7.544	7.610	0.066
105	55	7.487	7.592	0.105
105	56	7.573	7.574	0.001
105	57	7.544	7.493	-0.051
105	58	7.544	7.515	-0.029
105	59	7.554	7.599	0.045
105	60	7.540	7.582	0.042
105	61	7.531	7.580	0.049
105	62	7.519	7.510	-0.009
105	63	7.552	7.592	0.040
105	64	7.388	7.589	0.201
105	65	7.569	7.500	-0.069
105	66	7.492	7.501	0.009
105	67	7.542	7.483	-0.059
	Max	7.609	7.636	0.201
	Average	7.503	7.540	0.037
	Min	7.388	7.419	-0.119
	Std Dev	0.046	0.052	0.068



	9.85_T_SYNC_RISE_1MHz_14	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.468	7.419	7.441	7.484	7.462	7.552	7.507	7.576	7.490	7.546	7.474
Average	7.515	7.463	7.508	7.509	7.504	7.579	7.557	7.598	7.561	7.579	7.545
Max	7.563	7.528	7.565	7.552	7.582	7.602	7.603	7.619	7.599	7.636	7.610
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

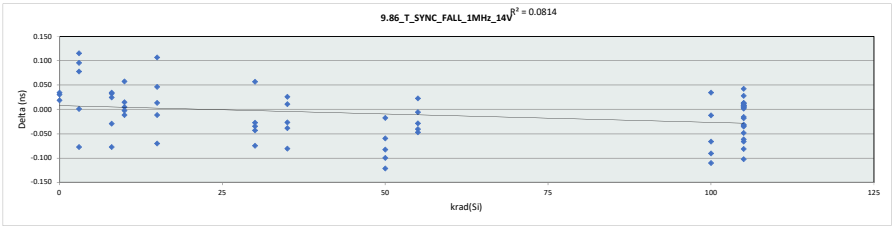


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

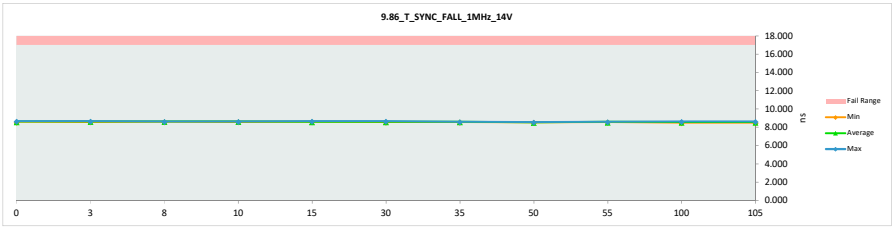
	9.86_T_SYNC_FALL_1MHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.641	8.673	0.032
0	992	8.598	8.618	0.020
0	993	8.552	8.588	0.036
3	1	8.588	8.685	0.097
3	2	8.675	8.599	-0.076
3	3	8.559	8.676	0.117
3	4	8.640	8.642	0.002
3	5	8.589	8.668	0.079
8	6	8.630	8.656	0.026
8	7	8.655	8.627	-0.028
8	8	8.616	8.652	0.036
8	9	8.671	8.595	-0.076
8	10	8.612	8.646	0.034
10	11	8.607	8.613	0.006
10	12	8.636	8.635	-0.001
10	13	8.594	8.653	0.059
10	14	8.583	8.599	0.016
10	15	8.665	8.655	-0.010
15	16	8.626	8.616	-0.010
15	17	8.667	8.598	-0.069
15	18	8.565	8.673	0.108
15	19	8.552	8.600	0.048
15	20	8.596	8.611	0.015
30	21	8.652	8.579	-0.073
30	22	8.623	8.581	-0.042
30	23	8.614	8.588	-0.026
30	24	8.606	8.664	0.058
30	25	8.595	8.562	-0.033
35	26	8.584	8.611	0.027
35	27	8.609	8.584	-0.025
35	28	8.650	8.613	-0.037
35	29	8.603	8.615	0.012
35	30	8.657	8.578	-0.079
50	31	8.611	8.553	-0.058
50	32	8.635	8.537	-0.098
50	33	8.658	8.538	-0.120
50	34	8.598	8.582	-0.016
50	35	8.645	8.564	-0.081
55	36	8.571	8.595	0.024
55	37	8.603	8.576	-0.027
55	38	8.597	8.593	-0.004
55	39	8.625	8.579	-0.046
55	40	8.642	8.603	-0.039
100	41	8.589	8.524	-0.065
100	42	8.597	8.633	0.036
100	43	8.590	8.501	-0.089
100	44	8.608	8.597	-0.011
100	45	8.672	8.563	-0.109
105	46	8.578	8.588	0.010
105	47	8.608	8.615	0.007
105	48	8.608	8.617	0.009
105	49	8.592	8.607	0.015
105	50	8.579	8.565	-0.014
105	51	8.639	8.559	-0.080
105	52	8.574	8.577	0.003
105	53	8.612	8.547	-0.065
105	54	8.569	8.552	-0.017
105	55	8.596	8.625	0.029
105	56	8.605	8.571	-0.034
105	57	8.586	8.630	0.044
105	58	8.564	8.517	-0.047
105	59	8.597	8.537	-0.060
105	60	8.549	8.563	0.014
105	61	8.571	8.580	0.009
105	62	8.582	8.587	0.005
105	63	8.621	8.591	-0.030
105	64	8.573	8.579	0.006
105	65	8.604	8.572	-0.032
105	66	8.614	8.513	-0.101
105	67	8.598	8.611	0.013
	Max	8.675	8.685	0.117
	Average	8.608	8.597	-0.011
	Min	8.549	8.501	-0.120
	Std Dev	0.032	0.041	0.051



	9.86_T_SYNC_FALL_1MHz_14V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.588	8.599	8.595	8.599	8.598	8.562	8.578	8.537	8.576	8.501	8.513
Average	8.626	8.654	8.635	8.631	8.620	8.595	8.600	8.555	8.589	8.564	8.577
Max	8.673	8.685	8.656	8.655	8.673	8.664	8.615	8.582	8.603	8.633	8.630
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

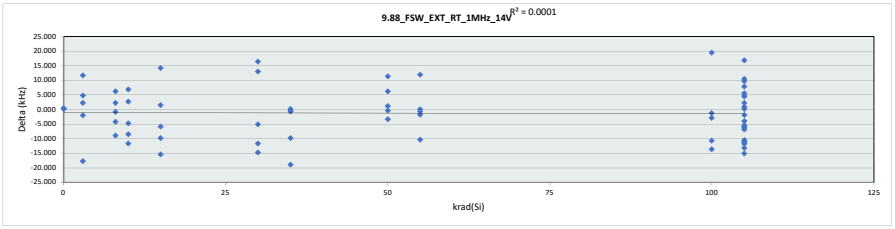


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

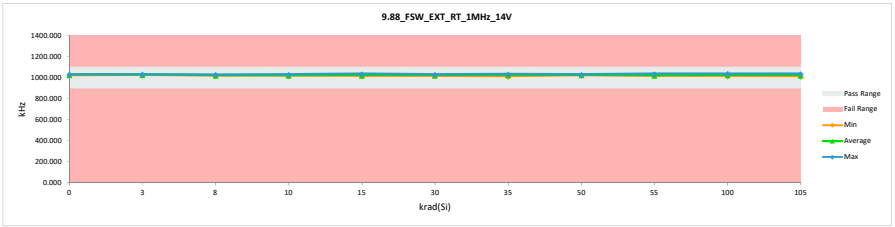
	9.88_FSW_EXT_RT_1MHz_14V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	1100	1100
Min Limit	900	900

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1028.842	1029.335	0.493
0	992	1024.686	1025.305	0.619
0	993	1034.745	1035.106	0.361
3	1	1034.441	1032.686	-1.755
3	2	1022.648	1034.554	11.906
3	3	1023.415	1028.448	5.033
3	4	1029.874	1032.383	2.509
3	5	1044.249	1026.795	-17.454
8	6	1033.087	1024.372	-8.715
8	7	1024.574	1020.601	-3.973
8	8	1018.982	1021.488	2.506
8	9	1024.689	1031.125	6.436
8	10	1029.628	1029.026	-0.602
10	11	1025.877	1021.376	-4.501
10	12	1031.890	1020.423	-11.467
10	13	1034.580	1026.338	-8.242
10	14	1025.009	1032.125	7.116
10	15	1024.135	1027.034	2.899
15	16	1031.731	1026.042	-5.689
15	17	1024.399	1038.791	14.392
15	18	1033.319	1018.187	-15.132
15	19	1036.754	1027.217	-9.537
15	20	1026.810	1028.482	1.672
30	21	1017.709	1030.948	13.239
30	22	1030.984	1019.494	-11.490
30	23	1017.105	1033.676	16.571
30	24	1030.443	1025.606	-4.837
30	25	1038.182	1023.661	-14.521
35	26	1039.237	1029.645	-9.592
35	27	1036.178	1035.648	-0.530
35	28	1032.467	1032.188	-0.279
35	29	1033.946	1015.247	-18.699
35	30	1028.369	1028.799	0.430
50	31	1031.977	1028.857	-3.120
50	32	1025.333	1025.166	-0.167
50	33	1023.936	1025.320	1.384
50	34	1021.239	1027.646	6.407
50	35	1020.551	1032.115	11.564
55	36	1030.647	1020.565	-10.082
55	37	1027.809	1039.912	12.103
55	38	1021.073	1019.522	-1.551
55	39	1020.257	1020.494	0.237
55	40	1025.825	1025.293	-0.532
100	41	1032.032	1029.349	-2.683
100	42	1030.496	1017.024	-13.472
100	43	1024.979	1023.941	-1.038
100	44	1039.356	1028.943	-10.413
100	45	1020.583	1040.236	19.653
105	46	1027.174	1027.573	0.399
105	47	1027.753	1021.650	-6.103
105	48	1031.498	1024.893	-6.605
105	49	1022.346	1024.821	2.475
105	50	1035.762	1025.506	-10.256
105	51	1025.649	1026.761	1.112
105	52	1023.142	1027.784	4.642
105	53	1029.453	1034.350	4.897
105	54	1037.998	1025.002	-12.996
105	55	1032.661	1021.087	-11.574
105	56	1016.140	1026.878	10.738
105	57	1031.827	1021.074	-10.753
105	58	1029.006	1025.276	-3.730
105	59	1028.647	1034.456	5.809
105	60	1028.861	1023.696	-5.165
105	61	1028.680	1013.800	-14.880
105	62	1032.453	1026.776	-5.677
105	63	1019.953	1018.264	-1.689
105	64	1041.091	1030.003	-11.088
105	65	1023.892	1033.793	9.901
105	66	1021.196	1038.254	17.058
105	67	1025.417	1033.522	8.105
	Max	1044.249	1040.236	19.653
	Average	1028.424	1027.168	-1.256
	Min	1016.140	1013.800	-18.699
	Std Dev	6.098	5.830	8.858



	9.88_FSW_EXT_RT_1MHz_14V	
Test Site		
Tester		
Test Number		
Max Limit	1100	kHz
Min Limit	900	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000	900.000
Min	1025.305	1026.795	1020.601	1020.423	1018.187	1019.494	1015.247	1025.166	1019.522	1017.024	1013.800
Average	1029.915	1030.973	1025.322	1025.459	1027.744	1026.677	1028.305	1027.821	1025.157	1027.899	1026.601
Max	1035.106	1034.554	1031.125	1032.125	1038.791	1033.676	1035.648	1032.115	1039.912	1040.236	1038.254
UL	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000

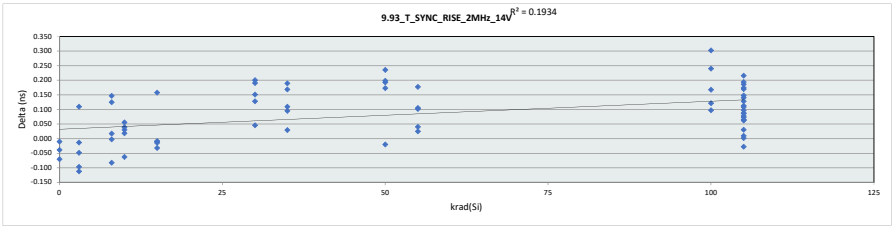


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

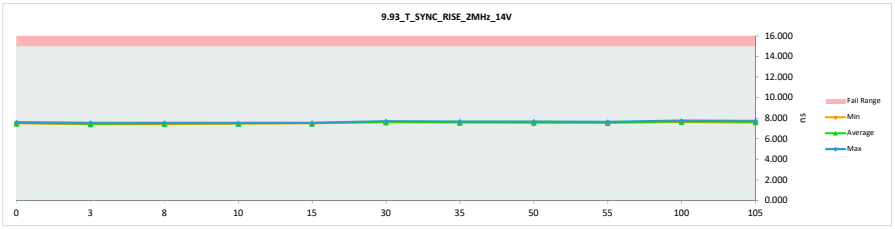
	9.93_T_SYNC_RISE_2MHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.521	7.485	-0.036
0	992	7.525	7.517	-0.008
0	993	7.687	7.619	-0.068
3	1	7.466	7.420	-0.046
3	2	7.439	7.550	0.111
3	3	7.541	7.431	-0.110
3	4	7.519	7.424	-0.095
3	5	7.516	7.505	-0.011
8	6	7.498	7.517	0.019
8	7	7.488	7.408	-0.080
8	8	7.404	7.531	0.127
8	9	7.398	7.547	0.149
8	10	7.472	7.472	0.000
10	11	7.485	7.506	0.021
10	12	7.487	7.545	0.058
10	13	7.446	7.479	0.033
10	14	7.449	7.490	0.041
10	15	7.526	7.465	-0.061
15	16	7.535	7.505	-0.030
15	17	7.410	7.570	0.160
15	18	7.490	7.483	-0.007
15	19	7.585	7.573	-0.012
15	20	7.490	7.483	-0.007
30	21	7.465	7.658	0.193
30	22	7.515	7.645	0.130
30	23	7.520	7.722	0.202
30	24	7.576	7.624	0.048
30	25	7.443	7.596	0.153
35	26	7.488	7.585	0.097
35	27	7.489	7.660	0.171
35	28	7.451	7.563	0.112
35	29	7.572	7.604	0.032
35	30	7.490	7.682	0.192
50	31	7.432	7.607	0.175
50	32	7.480	7.680	0.200
50	33	7.500	7.695	0.195
50	34	7.430	7.668	0.238
50	35	7.553	7.535	-0.018
55	36	7.535	7.562	0.027
55	37	7.486	7.528	0.042
55	38	7.487	7.591	0.104
55	39	7.523	7.630	0.107
55	40	7.475	7.654	0.179
100	41	7.516	7.686	0.170
100	42	7.497	7.621	0.124
100	43	7.457	7.761	0.304
100	44	7.621	7.720	0.099
100	45	7.409	7.651	0.242
105	46	7.581	7.656	0.075
105	47	7.510	7.600	0.090
105	48	7.532	7.620	0.088
105	49	7.522	7.602	0.080
105	50	7.568	7.667	0.099
105	51	7.503	7.691	0.188
105	52	7.488	7.660	0.172
105	53	7.522	7.664	0.142
105	54	7.573	7.749	0.176
105	55	7.499	7.717	0.218
105	56	7.571	7.721	0.150
105	57	7.587	7.591	0.004
105	58	7.539	7.654	0.115
105	59	7.559	7.623	0.064
105	60	7.556	7.666	0.110
105	61	7.541	7.608	0.067
105	62	7.604	7.579	-0.025
105	63	7.517	7.550	0.033
105	64	7.564	7.576	0.012
105	65	7.574	7.641	0.067
105	66	7.486	7.682	0.196
105	67	7.521	7.651	0.130
	Max	7.687	7.761	0.304
	Average	7.510	7.595	0.085
	Min	7.398	7.408	-0.110
	Std Dev	0.054	0.085	0.092



	9.93_T_SYNC_RISE_2MHz_14V	
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.485	7.420	7.408	7.465	7.483	7.596	7.563	7.535	7.528	7.621	7.550
Average	7.540	7.466	7.495	7.497	7.523	7.649	7.619	7.637	7.593	7.688	7.644
Max	7.619	7.550	7.547	7.545	7.573	7.722	7.682	7.695	7.654	7.761	7.749
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000

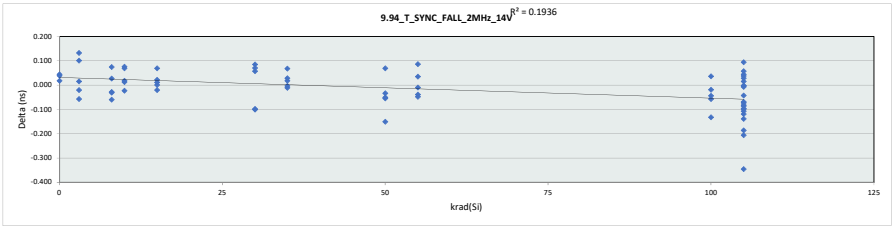


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

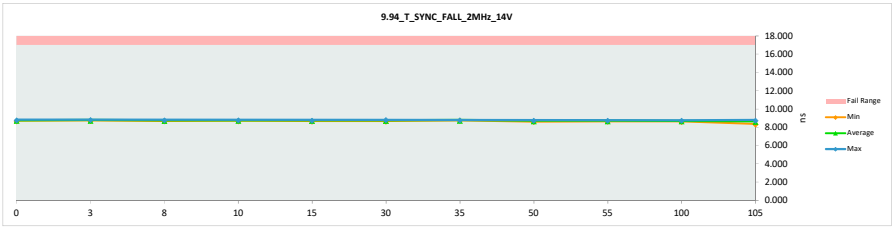
	9.94_T_SYNC_FALL_2MHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.785	8.832	0.047
0	992	8.758	8.778	0.020
0	993	8.690	8.731	0.041
3	1	8.742	8.845	0.103
3	2	8.786	8.768	-0.018
3	3	8.706	8.841	0.135
3	4	8.831	8.777	-0.054
3	5	8.758	8.776	0.018
8	6	8.766	8.795	0.029
8	7	8.768	8.711	-0.057
8	8	8.750	8.827	0.077
8	9	8.762	8.734	-0.028
8	10	8.773	8.747	-0.026
10	11	8.685	8.763	0.078
10	12	8.750	8.729	-0.021
10	13	8.758	8.778	0.020
10	14	8.713	8.784	0.071
10	15	8.797	8.812	0.015
15	16	8.768	8.792	0.024
15	17	8.792	8.795	0.003
15	18	8.718	8.790	0.072
15	19	8.710	8.692	-0.018
15	20	8.695	8.709	0.014
30	21	8.705	8.793	0.088
30	22	8.792	8.694	-0.098
30	23	8.739	8.799	0.060
30	24	8.770	8.843	0.073
30	25	8.791	8.696	-0.095
35	26	8.752	8.822	0.070
35	27	8.789	8.820	0.031
35	28	8.791	8.790	-0.001
35	29	8.756	8.776	0.020
35	30	8.804	8.795	-0.009
50	31	8.751	8.720	-0.031
50	32	8.786	8.738	-0.048
50	33	8.784	8.732	-0.052
50	34	8.701	8.773	0.072
50	35	8.784	8.636	-0.148
55	36	8.728	8.683	-0.045
55	37	8.705	8.669	-0.036
55	38	8.708	8.797	0.089
55	39	8.700	8.693	-0.007
55	40	8.762	8.799	0.037
100	41	8.742	8.700	-0.042
100	42	8.737	8.776	0.039
100	43	8.725	8.708	-0.017
100	44	8.785	8.655	-0.130
100	45	8.797	8.742	-0.055
105	46	8.732	8.652	-0.080
105	47	8.699	8.628	-0.071
105	48	8.743	8.676	-0.067
105	49	8.665	8.705	0.040
105	50	8.733	8.617	-0.116
105	51	8.762	8.626	-0.136
105	52	8.702	8.762	0.060
105	53	8.749	8.645	-0.104
105	54	8.753	8.659	-0.094
105	55	8.742	8.702	-0.040
105	56	8.707	8.706	-0.001
105	57	8.744	8.775	0.031
105	58	8.730	8.646	-0.084
105	59	8.707	8.612	-0.095
105	60	8.688	8.735	0.047
105	61	8.742	8.760	0.018
105	62	8.722	8.539	-0.183
105	63	8.708	8.365	-0.343
105	64	8.795	8.592	-0.203
105	65	8.700	8.797	0.097
105	66	8.677	8.677	0.000
105	67	8.703	8.698	-0.005
	Max	8.831	8.845	0.135
	Average	8.744	8.729	-0.015
	Min	8.665	8.365	-0.343
	Std Dev	0.037	0.081	0.082



	9.94_T_SYNC_FALL_2MHz_14V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	8.731	8.768	8.711	8.729	8.692	8.694	8.776	8.636	8.669	8.655	8.365
Average	8.780	8.801	8.763	8.773	8.756	8.765	8.801	8.720	8.728	8.716	8.662
Max	8.832	8.845	8.827	8.812	8.795	8.843	8.822	8.773	8.799	8.776	8.797
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

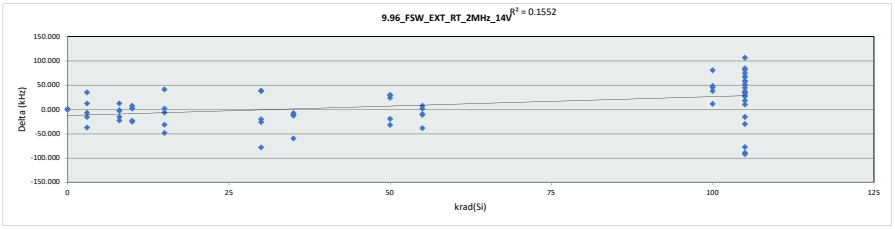


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

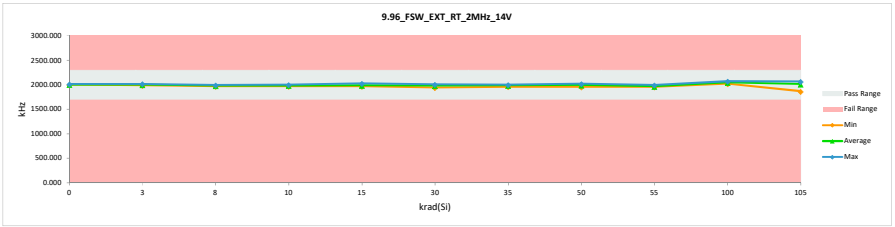
	9.96_FSW_EXT_RT_2MHz_14V	
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	2300	2300
Min Limit	1700	1700

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	2000.814	2002.519	1.705
0	992	2002.459	2004.701	2.242
0	993	2014.173	2015.006	0.833
3	1	2009.123	2003.765	-5.358
3	2	1983.245	2019.444	36.199
3	3	1993.110	2006.453	13.343
3	4	2021.796	2007.495	-14.301
3	5	2024.800	1989.205	-35.595
8	6	2004.017	1982.893	-21.124
8	7	1989.172	1988.573	-0.599
8	8	1990.308	1988.534	-1.774
8	9	1982.689	1996.430	13.741
8	10	1986.342	1972.253	-14.089
10	11	1979.218	1983.554	4.336
10	12	1994.037	1969.974	-24.063
10	13	2012.068	1990.149	-21.919
10	14	1993.963	2002.706	8.743
10	15	1988.505	1991.805	3.300
15	16	2000.517	1995.738	-4.779
15	17	1985.759	2028.119	42.360
15	18	2000.134	1969.915	-30.219
15	19	2028.946	1982.117	-46.829
15	20	1976.161	1979.196	3.035
30	21	1960.543	1999.967	39.424
30	22	2023.493	1946.599	-76.894
30	23	1969.902	2009.570	39.668
30	24	2000.954	1982.210	-18.744
30	25	2000.042	1975.520	-24.522
35	26	2012.794	2003.211	-9.583
35	27	2015.966	2005.809	-10.157
35	28	2003.668	1997.729	-5.939
35	29	2019.172	1961.290	-57.882
35	30	2006.755	1995.367	-11.388
50	31	2006.210	1988.129	-18.081
50	32	1986.682	2012.119	25.437
50	33	1982.002	2012.587	30.585
50	34	1990.856	2022.016	31.160
50	35	1986.042	1955.224	-30.818
55	36	1997.004	1960.185	-36.819
55	37	1970.041	1960.804	-9.237
55	38	1985.607	1988.848	3.241
55	39	1966.436	1958.434	-8.002
55	40	1989.682	1998.462	8.780
100	41	2005.845	2055.717	49.872
100	42	2009.338	2022.134	12.796
100	43	1992.682	2038.787	46.105
100	44	2032.724	2072.109	39.385
100	45	1973.229	2055.005	81.776
105	46	1981.506	2049.744	68.238
105	47	1978.304	1964.156	-14.148
105	48	2002.012	2047.501	45.489
105	49	1961.506	2047.382	85.876
105	50	2002.405	2037.896	35.491
105	51	1987.834	2040.067	52.233
105	52	1984.135	2043.653	59.518
105	53	1998.236	2067.810	69.574
105	54	2016.093	2054.482	38.389
105	55	2011.437	2040.859	29.422
105	56	1970.845	2046.485	75.640
105	57	2002.641	2030.911	28.270
105	58	2007.363	2041.625	34.262
105	59	1991.767	1963.410	-28.357
105	60	1993.724	2013.296	19.572
105	61	1997.132	2008.370	11.238
105	62	2004.468	1916.601	-87.867
105	63	1959.630	1868.969	-90.661
105	64	2005.118	1929.076	-76.042
105	65	1981.620	2040.950	59.330
105	66	1961.660	2069.469	107.809
105	67	1984.366	2066.616	82.250
	Max	2032.724	2072.109	107.809
	Average	1994.755	2003.396	8.641
	Min	1959.630	1868.969	-90.661
	Std Dev	16.909	38.229	41.441



	9.96_FSW_EXT_RT_2MHz_14V	
Test Site		
Tester		
Test Number		
Max Limit	2300	kHz
Min Limit	1700	kHz

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000
Min	2002.519	1989.205	1972.253	1969.974	1969.915	1946.599	1961.290	1955.224	1958.434	2022.134	1868.969
Average	2007.409	2005.272	1985.737	1987.638	1991.017	1982.773	1992.681	1998.015	1973.347	2048.750	2017.697
Max	2015.006	2019.444	1996.430	2002.706	2028.119	2009.570	2005.809	2022.016	1998.462	2072.109	2069.469
UL	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000

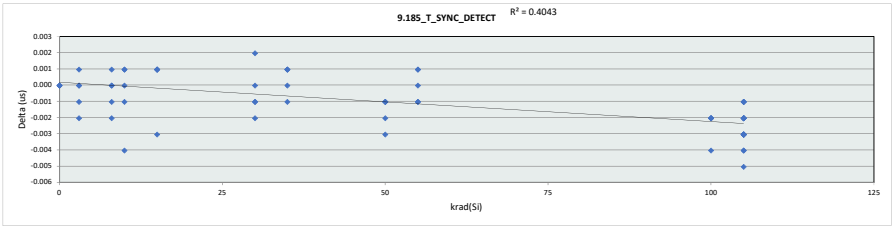


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

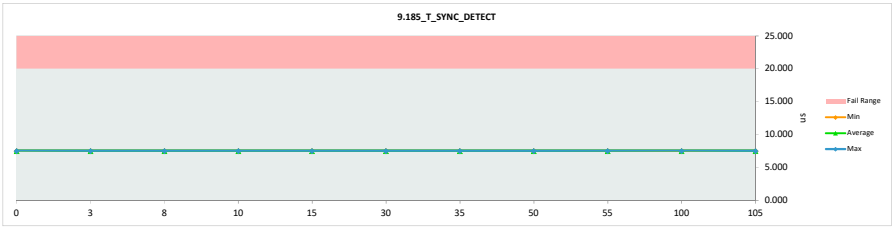
	9.185_T_SYNC_DETECT	
Test Site		
Tester		
Test Number		
Unit	us	us
Max Limit	12	20
Min Limit	4	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.590	7.590	0.000
0	992	7.590	7.590	0.000
0	993	7.589	7.589	0.000
3	1	7.587	7.587	0.000
3	2	7.588	7.586	-0.002
3	3	7.587	7.587	0.000
3	4	7.587	7.586	-0.001
3	5	7.587	7.588	0.001
8	6	7.587	7.588	0.001
8	7	7.587	7.587	0.000
8	8	7.587	7.587	0.000
8	9	7.587	7.586	-0.001
8	10	7.589	7.587	-0.002
10	11	7.589	7.585	-0.004
10	12	7.588	7.587	-0.001
10	13	7.587	7.588	0.001
10	14	7.586	7.586	0.000
10	15	7.587	7.588	0.001
15	16	7.586	7.587	0.001
15	17	7.588	7.585	-0.003
15	18	7.587	7.588	0.001
15	19	7.587	7.588	0.001
15	20	7.587	7.588	0.001
30	21	7.588	7.587	-0.001
30	22	7.587	7.587	0.000
30	23	7.588	7.587	-0.001
30	24	7.587	7.589	0.002
30	25	7.588	7.586	-0.002
35	26	7.586	7.587	0.001
35	27	7.587	7.587	0.000
35	28	7.587	7.586	-0.001
35	29	7.587	7.588	0.001
35	30	7.587	7.588	0.001
50	31	7.587	7.586	-0.001
50	32	7.588	7.587	-0.001
50	33	7.588	7.587	-0.001
50	34	7.587	7.585	-0.002
50	35	7.588	7.585	-0.003
55	36	7.587	7.588	0.001
55	37	7.587	7.586	-0.001
55	38	7.585	7.586	0.001
55	39	7.587	7.587	0.000
55	40	7.588	7.587	-0.001
100	41	7.587	7.585	-0.002
100	42	7.587	7.585	-0.002
100	43	7.587	7.585	-0.002
100	44	7.586	7.584	-0.002
100	45	7.588	7.584	-0.004
105	46	7.588	7.585	-0.003
105	47	7.588	7.586	-0.002
105	48	7.588	7.585	-0.003
105	49	7.588	7.585	-0.003
105	50	7.588	7.587	-0.001
105	51	7.590	7.587	-0.003
105	52	7.587	7.586	-0.001
105	53	7.588	7.585	-0.003
105	54	7.588	7.583	-0.005
105	55	7.587	7.585	-0.002
105	56	7.589	7.585	-0.004
105	57	7.588	7.586	-0.002
105	58	7.588	7.586	-0.002
105	59	7.588	7.585	-0.003
105	60	7.588	7.586	-0.002
105	61	7.587	7.586	-0.001
105	62	7.586	7.585	-0.001
105	63	7.588	7.586	-0.002
105	64	7.587	7.585	-0.002
105	65	7.589	7.586	-0.003
105	66	7.588	7.584	-0.004
105	67	7.588	7.585	-0.003
	Max	7.590	7.590	0.002
	Average	7.588	7.586	-0.001
	Min	7.585	7.583	-0.005
	Std Dev	0.001	0.001	0.002



	9.185_T_SYNC_DETECT	
Test Site		
Tester		
Test Number		
Max Limit	20	us
Min Limit		us

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	7.589	7.586	7.586	7.585	7.585	7.586	7.586	7.585	7.586	7.584	7.583
Average	7.590	7.587	7.587	7.587	7.587	7.587	7.587	7.586	7.587	7.585	7.585
Max	7.590	7.588	7.588	7.588	7.588	7.589	7.588	7.587	7.588	7.585	7.587
UL	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000

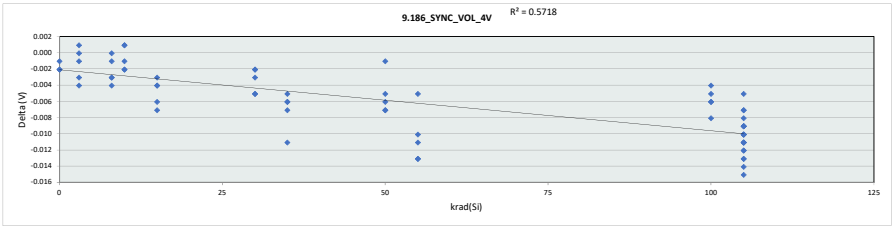


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

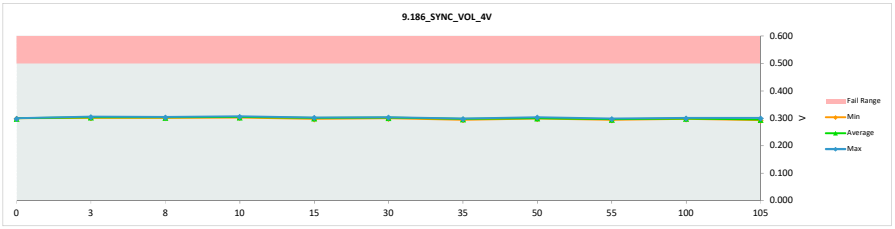
	9.186_SYNC_VOL_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.5	0.5
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.302	0.300	-0.002
0	992	0.301	0.300	-0.001
0	993	0.302	0.300	-0.002
3	1	0.306	0.302	-0.004
3	2	0.306	0.303	-0.003
3	3	0.305	0.305	0.000
3	4	0.305	0.304	-0.001
3	5	0.305	0.306	0.001
8	6	0.307	0.304	-0.003
8	7	0.305	0.302	-0.003
8	8	0.304	0.304	0.000
8	9	0.306	0.305	-0.001
8	10	0.307	0.303	-0.004
10	11	0.306	0.305	-0.001
10	12	0.306	0.307	0.001
10	13	0.305	0.303	-0.002
10	14	0.306	0.304	-0.002
10	15	0.304	0.305	0.001
15	16	0.306	0.302	-0.004
15	17	0.305	0.301	-0.004
15	18	0.307	0.301	-0.006
15	19	0.305	0.298	-0.007
15	20	0.306	0.303	-0.003
30	21	0.307	0.302	-0.005
30	22	0.306	0.303	-0.003
30	23	0.305	0.300	-0.005
30	24	0.306	0.304	-0.002
30	25	0.305	0.303	-0.002
35	26	0.304	0.297	-0.007
35	27	0.304	0.298	-0.006
35	28	0.305	0.299	-0.006
35	29	0.304	0.299	-0.005
35	30	0.306	0.295	-0.011
50	31	0.305	0.300	-0.005
50	32	0.306	0.300	-0.006
50	33	0.306	0.299	-0.007
50	34	0.308	0.301	-0.007
50	35	0.305	0.304	-0.001
55	36	0.307	0.296	-0.011
55	37	0.304	0.299	-0.005
55	38	0.307	0.294	-0.013
55	39	0.310	0.297	-0.013
55	40	0.306	0.296	-0.010
100	41	0.304	0.299	-0.005
100	42	0.305	0.301	-0.004
100	43	0.305	0.299	-0.006
100	44	0.306	0.298	-0.008
100	45	0.306	0.300	-0.006
105	46	0.303	0.296	-0.007
105	47	0.309	0.294	-0.015
105	48	0.306	0.295	-0.011
105	49	0.306	0.295	-0.011
105	50	0.304	0.296	-0.008
105	51	0.307	0.294	-0.013
105	52	0.306	0.297	-0.009
105	53	0.305	0.294	-0.011
105	54	0.306	0.301	-0.005
105	55	0.306	0.294	-0.012
105	56	0.307	0.293	-0.014
105	57	0.303	0.294	-0.009
105	58	0.305	0.295	-0.010
105	59	0.305	0.294	-0.011
105	60	0.304	0.295	-0.009
105	61	0.306	0.296	-0.010
105	62	0.309	0.296	-0.013
105	63	0.303	0.296	-0.007
105	64	0.306	0.296	-0.010
105	65	0.305	0.295	-0.010
105	66	0.307	0.295	-0.012
105	67	0.304	0.295	-0.009
	Max	0.310	0.307	0.001
	Average	0.305	0.299	-0.006
	Min	0.301	0.293	-0.015
	Std Dev	0.002	0.004	0.004



	9.186_SYNC_VOL_4V	
Test Site		
Tester		
Test Number		
Max Limit	0.5	V
Min Limit		V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	0.300	0.302	0.302	0.303	0.298	0.300	0.295	0.299	0.294	0.298	0.293
Average	0.300	0.304	0.304	0.305	0.301	0.302	0.298	0.301	0.296	0.299	0.295
Max	0.300	0.306	0.305	0.307	0.303	0.304	0.299	0.304	0.299	0.301	0.301
UL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500

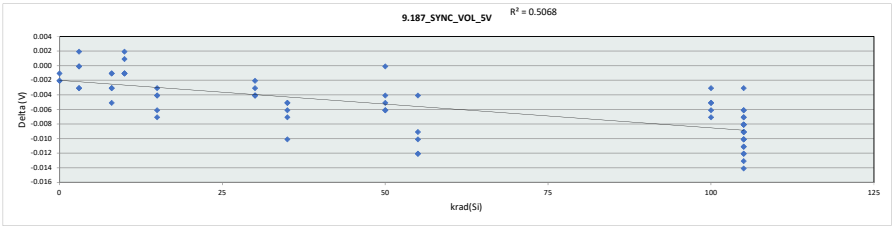


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

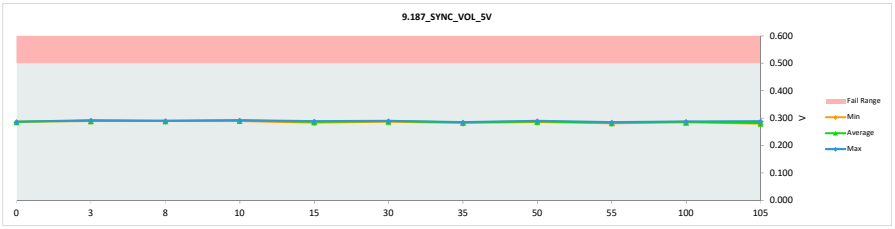
	9.187_SYNC_VOL_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.5	0.5
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.289	0.287	-0.002
0	992	0.288	0.287	-0.001
0	993	0.289	0.287	-0.002
3	1	0.292	0.289	-0.003
3	2	0.292	0.289	-0.003
3	3	0.291	0.291	0.000
3	4	0.291	0.291	0.000
3	5	0.291	0.293	0.002
8	6	0.294	0.291	-0.003
8	7	0.292	0.289	-0.003
8	8	0.291	0.290	-0.001
8	9	0.292	0.291	-0.001
8	10	0.294	0.289	-0.005
10	11	0.292	0.291	-0.001
10	12	0.292	0.293	0.001
10	13	0.291	0.290	-0.001
10	14	0.292	0.291	-0.001
10	15	0.290	0.292	0.002
15	16	0.292	0.288	-0.004
15	17	0.291	0.287	-0.004
15	18	0.293	0.287	-0.006
15	19	0.291	0.284	-0.007
15	20	0.292	0.289	-0.003
30	21	0.293	0.289	-0.004
30	22	0.293	0.289	-0.004
30	23	0.291	0.287	-0.004
30	24	0.292	0.290	-0.002
30	25	0.292	0.289	-0.003
35	26	0.291	0.284	-0.007
35	27	0.290	0.285	-0.005
35	28	0.291	0.286	-0.005
35	29	0.291	0.285	-0.006
35	30	0.292	0.282	-0.010
50	31	0.291	0.287	-0.004
50	32	0.292	0.287	-0.005
50	33	0.292	0.286	-0.006
50	34	0.294	0.288	-0.006
50	35	0.291	0.291	0.000
55	36	0.293	0.283	-0.010
55	37	0.290	0.286	-0.004
55	38	0.293	0.281	-0.012
55	39	0.296	0.284	-0.012
55	40	0.292	0.283	-0.009
100	41	0.291	0.286	-0.005
100	42	0.291	0.288	-0.003
100	43	0.292	0.286	-0.006
100	44	0.292	0.285	-0.007
100	45	0.292	0.287	-0.005
105	46	0.289	0.283	-0.006
105	47	0.295	0.281	-0.014
105	48	0.292	0.282	-0.010
105	49	0.292	0.282	-0.010
105	50	0.290	0.283	-0.007
105	51	0.293	0.281	-0.012
105	52	0.292	0.284	-0.008
105	53	0.291	0.282	-0.009
105	54	0.292	0.289	-0.003
105	55	0.292	0.281	-0.011
105	56	0.293	0.280	-0.013
105	57	0.289	0.281	-0.008
105	58	0.291	0.282	-0.009
105	59	0.291	0.281	-0.010
105	60	0.290	0.282	-0.008
105	61	0.292	0.283	-0.009
105	62	0.295	0.283	-0.012
105	63	0.289	0.283	-0.006
105	64	0.292	0.284	-0.008
105	65	0.291	0.282	-0.009
105	66	0.293	0.282	-0.011
105	67	0.290	0.283	-0.007
	Max	0.296	0.293	0.002
	Average	0.292	0.286	-0.006
	Min	0.288	0.280	-0.014
	Std Dev	0.001	0.004	0.004



	9.187_SYNC_VOL_5V	
Test Site		
Tester		
Test Number		
Max Limit	0.5	V
Min Limit		V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	0.287	0.289	0.289	0.290	0.284	0.287	0.282	0.286	0.281	0.285	0.280
Average	0.287	0.291	0.290	0.291	0.287	0.289	0.284	0.288	0.283	0.286	0.282
Max	0.287	0.293	0.291	0.293	0.289	0.290	0.286	0.291	0.286	0.288	0.289
UL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500

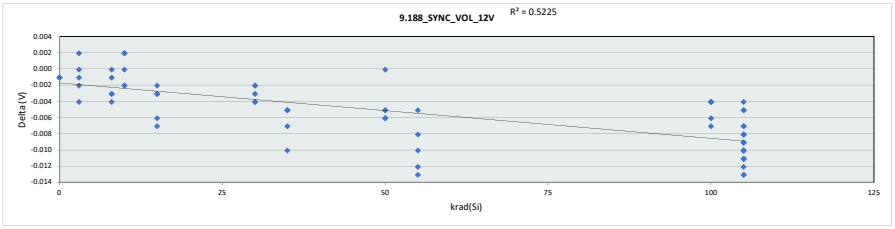


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

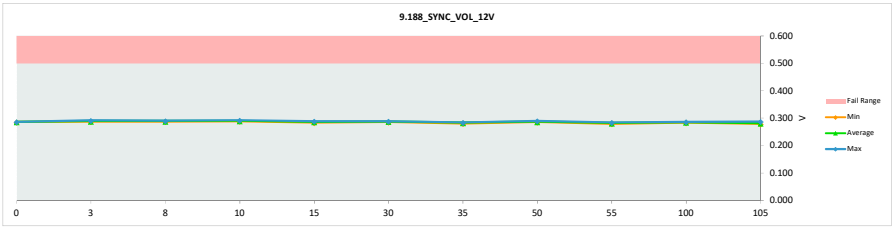
	9.188_SYNC_VOL_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.5	0.5
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.288	0.287	-0.001
0	992	0.287	0.286	-0.001
0	993	0.288	0.287	-0.001
3	1	0.292	0.288	-0.004
3	2	0.291	0.289	-0.002
3	3	0.291	0.290	-0.001
3	4	0.290	0.290	0.000
3	5	0.290	0.292	0.002
8	6	0.293	0.290	-0.003
8	7	0.291	0.288	-0.003
8	8	0.290	0.289	-0.001
8	9	0.291	0.291	0.000
8	10	0.293	0.289	-0.004
10	11	0.291	0.291	0.000
10	12	0.291	0.293	0.002
10	13	0.291	0.289	-0.002
10	14	0.292	0.290	-0.002
10	15	0.289	0.291	0.002
15	16	0.291	0.288	-0.003
15	17	0.290	0.287	-0.003
15	18	0.293	0.287	-0.006
15	19	0.291	0.284	-0.007
15	20	0.291	0.289	-0.002
30	21	0.292	0.288	-0.004
30	22	0.292	0.289	-0.003
30	23	0.290	0.286	-0.004
30	24	0.291	0.289	-0.002
30	25	0.291	0.289	-0.002
35	26	0.290	0.283	-0.007
35	27	0.289	0.284	-0.005
35	28	0.290	0.285	-0.005
35	29	0.290	0.285	-0.005
35	30	0.291	0.281	-0.010
50	31	0.291	0.286	-0.005
50	32	0.292	0.286	-0.006
50	33	0.291	0.286	-0.005
50	34	0.294	0.288	-0.006
50	35	0.290	0.290	0.000
55	36	0.292	0.282	-0.010
55	37	0.290	0.285	-0.005
55	38	0.292	0.280	-0.012
55	39	0.296	0.283	-0.013
55	40	0.291	0.283	-0.008
100	41	0.290	0.286	-0.004
100	42	0.291	0.287	-0.004
100	43	0.291	0.285	-0.006
100	44	0.291	0.284	-0.007
100	45	0.291	0.287	-0.004
105	46	0.288	0.283	-0.005
105	47	0.294	0.281	-0.013
105	48	0.291	0.281	-0.010
105	49	0.292	0.281	-0.011
105	50	0.290	0.283	-0.007
105	51	0.292	0.281	-0.011
105	52	0.292	0.283	-0.009
105	53	0.291	0.281	-0.010
105	54	0.292	0.288	-0.004
105	55	0.292	0.280	-0.012
105	56	0.292	0.279	-0.013
105	57	0.288	0.280	-0.008
105	58	0.290	0.282	-0.008
105	59	0.290	0.281	-0.009
105	60	0.290	0.282	-0.008
105	61	0.292	0.282	-0.010
105	62	0.294	0.283	-0.011
105	63	0.288	0.283	-0.005
105	64	0.292	0.283	-0.009
105	65	0.291	0.281	-0.010
105	66	0.293	0.282	-0.011
105	67	0.289	0.282	-0.007
	Max	0.296	0.293	0.002
	Average	0.291	0.285	-0.005
	Min	0.287	0.279	-0.013
	Std Dev	0.002	0.004	0.004



	9.188_SYNC_VOL_12V
Test Site	
Tester	
Test Number	
Max Limit	0.5 V
Min Limit	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	0.286	0.288	0.288	0.289	0.284	0.286	0.281	0.286	0.280	0.284	0.279
Average	0.287	0.290	0.289	0.291	0.287	0.288	0.284	0.287	0.283	0.286	0.282
Max	0.287	0.292	0.291	0.293	0.289	0.289	0.285	0.290	0.285	0.287	0.288
UL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500

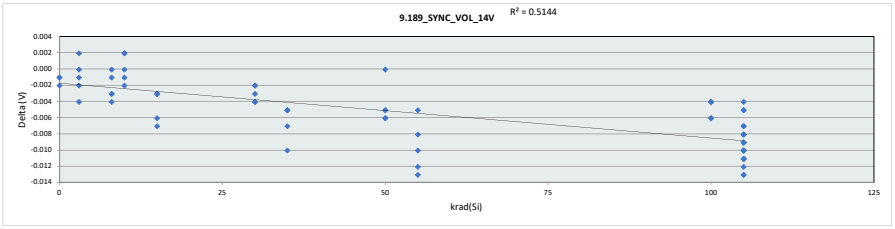


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

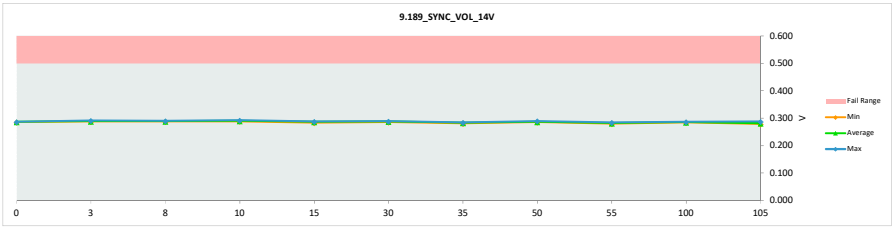
	9.189_SYNC_VOL_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.5	0.5
Min Limit	0	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.288	0.287	-0.001
0	992	0.288	0.286	-0.002
0	993	0.288	0.287	-0.001
3	1	0.292	0.288	-0.004
3	2	0.291	0.289	-0.002
3	3	0.291	0.290	-0.001
3	4	0.290	0.290	0.000
3	5	0.290	0.292	0.002
8	6	0.293	0.290	-0.003
8	7	0.291	0.288	-0.003
8	8	0.290	0.289	-0.001
8	9	0.291	0.291	0.000
8	10	0.293	0.289	-0.004
10	11	0.291	0.291	0.000
10	12	0.291	0.293	0.002
10	13	0.290	0.289	-0.001
10	14	0.292	0.290	-0.002
10	15	0.289	0.291	0.002
15	16	0.291	0.288	-0.003
15	17	0.290	0.287	-0.003
15	18	0.293	0.287	-0.006
15	19	0.291	0.284	-0.007
15	20	0.291	0.288	-0.003
30	21	0.292	0.288	-0.004
30	22	0.292	0.289	-0.003
30	23	0.290	0.286	-0.004
30	24	0.291	0.289	-0.002
30	25	0.291	0.289	-0.002
35	26	0.290	0.283	-0.007
35	27	0.289	0.284	-0.005
35	28	0.290	0.285	-0.005
35	29	0.290	0.285	-0.005
35	30	0.291	0.281	-0.010
50	31	0.291	0.286	-0.005
50	32	0.292	0.286	-0.006
50	33	0.291	0.286	-0.005
50	34	0.294	0.288	-0.006
50	35	0.290	0.290	0.000
55	36	0.292	0.282	-0.010
55	37	0.290	0.285	-0.005
55	38	0.292	0.280	-0.012
55	39	0.296	0.283	-0.013
55	40	0.291	0.283	-0.008
100	41	0.290	0.286	-0.004
100	42	0.291	0.287	-0.004
100	43	0.291	0.285	-0.006
100	44	0.291	0.285	-0.006
100	45	0.291	0.287	-0.004
105	46	0.288	0.283	-0.005
105	47	0.294	0.281	-0.013
105	48	0.291	0.281	-0.010
105	49	0.292	0.281	-0.011
105	50	0.290	0.283	-0.007
105	51	0.292	0.281	-0.011
105	52	0.292	0.283	-0.009
105	53	0.291	0.281	-0.010
105	54	0.292	0.288	-0.004
105	55	0.292	0.280	-0.012
105	56	0.292	0.279	-0.013
105	57	0.288	0.280	-0.008
105	58	0.290	0.282	-0.008
105	59	0.290	0.281	-0.009
105	60	0.290	0.282	-0.008
105	61	0.292	0.282	-0.010
105	62	0.294	0.283	-0.011
105	63	0.288	0.283	-0.005
105	64	0.292	0.283	-0.009
105	65	0.291	0.281	-0.010
105	66	0.293	0.282	-0.011
105	67	0.289	0.282	-0.007
	Max	0.296	0.293	0.002
	Average	0.291	0.285	-0.005
	Min	0.288	0.279	-0.013
	Std Dev	0.002	0.004	0.004



	9.189_SYNC_VOL_14V	
Test Site		
Tester		
Test Number		
Max Limit	0.5	V
Min Limit		V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	0.286	0.288	0.288	0.289	0.284	0.286	0.281	0.286	0.280	0.285	0.279
Average	0.287	0.290	0.289	0.291	0.287	0.288	0.284	0.287	0.283	0.286	0.282
Max	0.287	0.292	0.291	0.293	0.288	0.289	0.285	0.290	0.285	0.287	0.288
UL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500

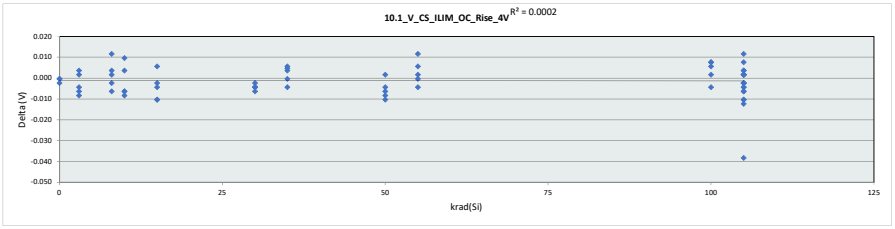


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

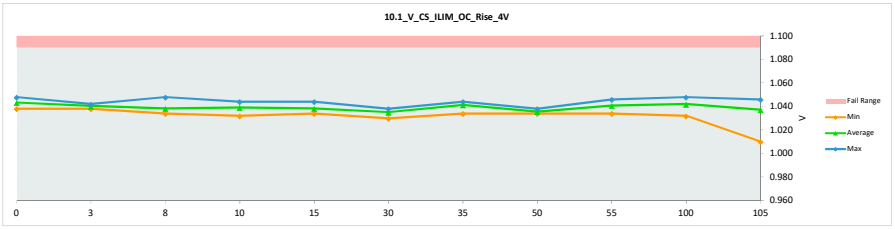
	10.1_V_CS_ILIM_OC_Rise_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.08	1.09
Min Limit	0.95	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.048	1.048	0.000
0	992	1.046	1.044	-0.002
0	993	1.038	1.038	0.000
3	1	1.046	1.038	-0.008
3	2	1.036	1.040	0.004
3	3	1.046	1.042	-0.004
3	4	1.040	1.042	0.002
3	5	1.046	1.040	-0.006
8	6	1.036	1.038	0.002
8	7	1.036	1.048	0.012
8	8	1.040	1.034	-0.006
8	9	1.034	1.038	0.004
8	10	1.036	1.034	-0.002
10	11	1.042	1.036	-0.006
10	12	1.040	1.032	-0.008
10	13	1.040	1.044	0.004
10	14	1.046	1.040	-0.006
10	15	1.034	1.044	0.010
15	16	1.038	1.044	0.006
15	17	1.040	1.036	-0.004
15	18	1.048	1.038	-0.010
15	19	1.042	1.040	-0.002
15	20	1.044	1.034	-0.010
30	21	1.042	1.038	-0.004
30	22	1.044	1.038	-0.006
30	23	1.036	1.032	-0.004
30	24	1.034	1.030	-0.004
30	25	1.040	1.038	-0.002
35	26	1.038	1.043	0.005
35	27	1.040	1.044	0.004
35	28	1.038	1.034	-0.004
35	29	1.038	1.044	0.006
35	30	1.042	1.042	0.000
50	31	1.044	1.036	-0.008
50	32	1.040	1.034	-0.006
50	33	1.038	1.034	-0.004
50	34	1.048	1.038	-0.010
50	35	1.034	1.036	0.002
55	36	1.040	1.036	-0.004
55	37	1.034	1.046	0.012
55	38	1.036	1.042	0.006
55	39	1.034	1.034	0.000
55	40	1.044	1.046	0.002
100	41	1.040	1.048	0.008
100	42	1.036	1.032	-0.004
100	43	1.042	1.048	0.006
100	44	1.036	1.038	0.002
100	45	1.036	1.044	0.008
105	46	1.042	1.036	-0.006
105	47	1.036	1.034	-0.002
105	48	1.038	1.036	-0.002
105	49	1.040	1.036	-0.004
105	50	1.034	1.038	0.004
105	51	1.030	1.038	0.008
105	52	1.038	1.040	0.002
105	53	1.044	1.042	-0.002
105	54	1.048	1.010	-0.038
105	55	1.036	1.034	-0.002
105	56	1.046	1.034	-0.012
105	57	1.046	1.036	-0.010
105	58	1.034	1.046	0.012
105	59	1.040	1.042	0.002
105	60	1.040	1.042	0.002
105	61	1.040	1.042	0.002
105	62	1.040	1.042	0.002
105	63	1.044	1.040	-0.004
105	64	1.044	1.034	-0.010
105	65	1.036	1.040	0.004
105	66	1.036	1.038	0.002
105	67	1.046	1.040	-0.006
	Max	1.048	1.048	0.012
	Average	1.040	1.039	-0.001
	Min	1.030	1.010	-0.038
	Std Dev	0.004	0.006	0.007



	10.1_V_CS_ILIM_OC_Rise_4V	
Test Site		
Tester		
Test Number		
Max Limit	1.09	V
Min Limit		V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	1.038	1.038	1.034	1.032	1.034	1.030	1.034	1.034	1.034	1.032	1.010
Average	1.043	1.040	1.038	1.039	1.038	1.035	1.041	1.036	1.041	1.042	1.037
Max	1.048	1.042	1.048	1.044	1.044	1.038	1.044	1.038	1.046	1.048	1.046
UL	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090

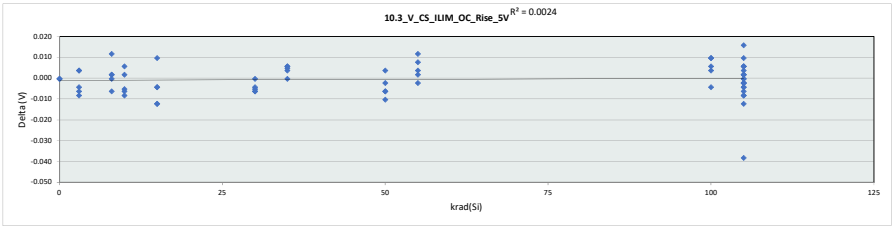


HDR TID Report
TPS7H5001-SP QMLP

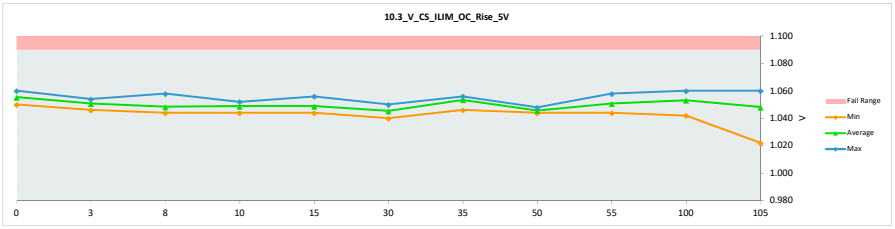
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	10.3_V_CS_ILIM_OC_Rise_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.08	1.09
Min Limit	0.95	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.060	1.060	0.000
0	992	1.056	1.056	0.000
0	993	1.050	1.050	0.000
3	1	1.054	1.046	-0.008
3	2	1.046	1.050	0.004
3	3	1.056	1.052	-0.004
3	4	1.050	1.054	0.004
3	5	1.058	1.052	-0.006
8	6	1.046	1.048	0.002
8	7	1.046	1.058	0.012
8	8	1.050	1.044	-0.006
8	9	1.046	1.048	0.002
8	10	1.044	1.044	0.000
10	11	1.052	1.046	-0.006
10	12	1.052	1.044	-0.008
10	13	1.050	1.052	0.002
10	14	1.055	1.050	-0.005
10	15	1.046	1.052	0.006
15	16	1.046	1.056	0.010
15	17	1.048	1.044	-0.004
15	18	1.060	1.048	-0.012
15	19	1.054	1.050	-0.004
15	20	1.058	1.046	-0.012
30	21	1.050	1.050	0.000
30	22	1.052	1.047	-0.005
30	23	1.048	1.042	-0.006
30	24	1.046	1.040	-0.006
30	25	1.052	1.048	-0.004
35	26	1.050	1.055	0.005
35	27	1.050	1.056	0.006
35	28	1.046	1.046	0.000
35	29	1.048	1.054	0.006
35	30	1.052	1.056	0.004
50	31	1.052	1.046	-0.006
50	32	1.050	1.044	-0.006
50	33	1.046	1.044	-0.002
50	34	1.058	1.048	-0.010
50	35	1.042	1.046	0.004
55	36	1.048	1.046	-0.002
55	37	1.044	1.056	0.012
55	38	1.046	1.050	0.004
55	39	1.042	1.044	0.002
55	40	1.050	1.058	0.008
100	41	1.048	1.058	0.010
100	42	1.046	1.042	-0.004
100	43	1.054	1.060	0.006
100	44	1.046	1.050	0.004
100	45	1.046	1.056	0.010
105	46	1.050	1.044	-0.006
105	47	1.046	1.044	-0.002
105	48	1.048	1.046	-0.002
105	49	1.050	1.046	-0.004
105	50	1.044	1.046	0.002
105	51	1.040	1.050	0.010
105	52	1.048	1.050	0.002
105	53	1.056	1.054	-0.002
105	54	1.060	1.022	-0.038
105	55	1.044	1.046	0.002
105	56	1.054	1.046	-0.008
105	57	1.058	1.046	-0.012
105	58	1.044	1.060	0.016
105	59	1.050	1.054	0.004
105	60	1.048	1.054	0.006
105	61	1.052	1.052	0.000
105	62	1.050	1.050	0.000
105	63	1.052	1.050	-0.002
105	64	1.054	1.046	-0.008
105	65	1.046	1.052	0.006
105	66	1.044	1.050	0.006
105	67	1.056	1.052	-0.004
	Max	1.060	1.060	0.016
	Average	1.050	1.049	-0.001
	Min	1.040	1.022	-0.038
	Std Dev	0.005	0.006	0.008



	10.3_V_CS_ILIM_OC_Rise_5V										
Test Site											
Tester											
Test Number											
Max Limit	1.09	V									
Min Limit		V									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	1.050	1.046	1.044	1.044	1.044	1.040	1.046	1.044	1.044	1.042	1.022
Average	1.055	1.051	1.048	1.049	1.049	1.045	1.053	1.046	1.051	1.053	1.048
Max	1.060	1.054	1.058	1.052	1.056	1.050	1.056	1.048	1.058	1.060	1.060
UL	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090

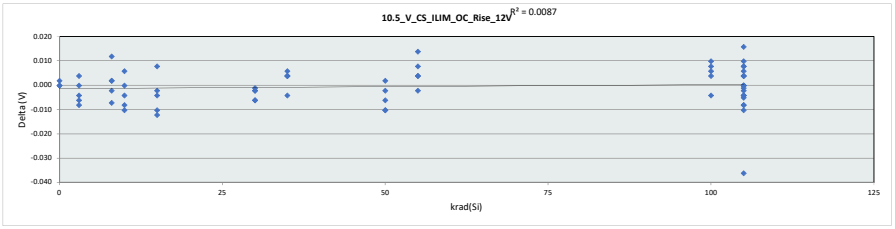


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

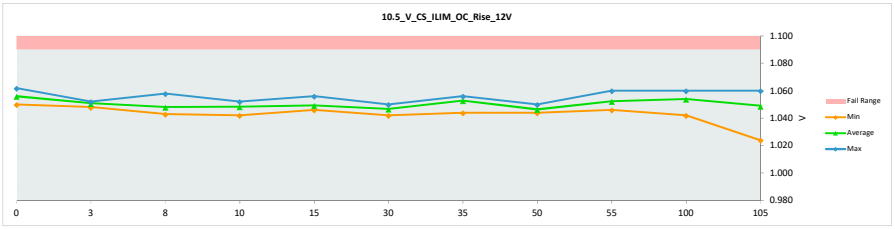
	10.5_V_CS_ILIM_OC_Rise_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.08	1.09
Min Limit	0.95	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.060	1.062	0.002
0	992	1.056	1.056	0.000
0	993	1.050	1.050	0.000
3	1	1.056	1.048	-0.008
3	2	1.046	1.050	0.004
3	3	1.056	1.052	-0.004
3	4	1.052	1.052	0.000
3	5	1.058	1.052	-0.006
8	6	1.046	1.048	0.002
8	7	1.046	1.058	0.012
8	8	1.050	1.043	-0.007
8	9	1.046	1.048	0.002
8	10	1.046	1.044	-0.002
10	11	1.052	1.048	-0.004
10	12	1.052	1.042	-0.010
10	13	1.052	1.052	0.000
10	14	1.056	1.048	-0.008
10	15	1.046	1.052	0.006
15	16	1.048	1.056	0.008
15	17	1.048	1.046	-0.002
15	18	1.060	1.048	-0.012
15	19	1.054	1.050	-0.004
15	20	1.056	1.046	-0.010
30	21	1.052	1.050	-0.002
30	22	1.051	1.050	-0.001
30	23	1.048	1.042	-0.006
30	24	1.048	1.042	-0.006
30	25	1.052	1.050	-0.002
35	26	1.052	1.056	0.004
35	27	1.050	1.056	0.006
35	28	1.048	1.044	-0.004
35	29	1.048	1.052	0.004
35	30	1.052	1.056	0.004
50	31	1.054	1.044	-0.010
50	32	1.052	1.046	-0.006
50	33	1.048	1.046	-0.002
50	34	1.060	1.050	-0.010
50	35	1.044	1.046	0.002
55	36	1.048	1.046	-0.002
55	37	1.044	1.058	0.014
55	38	1.048	1.052	0.004
55	39	1.042	1.046	0.004
55	40	1.052	1.060	0.008
100	41	1.050	1.058	0.008
100	42	1.046	1.042	-0.004
100	43	1.056	1.060	0.004
100	44	1.046	1.052	0.006
100	45	1.048	1.058	0.010
105	46	1.051	1.046	-0.005
105	47	1.046	1.046	0.000
105	48	1.050	1.046	-0.004
105	49	1.052	1.048	-0.004
105	50	1.042	1.046	0.004
105	51	1.040	1.050	0.010
105	52	1.048	1.052	0.004
105	53	1.056	1.054	-0.002
105	54	1.060	1.024	-0.036
105	55	1.046	1.046	0.000
105	56	1.054	1.046	-0.008
105	57	1.058	1.048	-0.010
105	58	1.044	1.060	0.016
105	59	1.050	1.054	0.004
105	60	1.048	1.054	0.006
105	61	1.052	1.052	0.000
105	62	1.050	1.050	0.000
105	63	1.052	1.051	-0.001
105	64	1.054	1.046	-0.008
105	65	1.046	1.054	0.008
105	66	1.044	1.052	0.008
105	67	1.056	1.052	-0.004
	Max	1.060	1.062	0.016
	Average	1.050	1.050	-0.001
	Min	1.040	1.024	-0.036
	Std Dev	0.005	0.006	0.008



	10.5_V_CS_ILIM_OC_Rise_12V	
Test Site		
Tester		
Test Number		
Max Limit	1.09	V
Min Limit		V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	1.050	1.048	1.043	1.042	1.046	1.042	1.044	1.044	1.046	1.042	1.024
Average	1.056	1.051	1.048	1.048	1.049	1.047	1.053	1.046	1.052	1.054	1.049
Max	1.062	1.052	1.058	1.052	1.056	1.050	1.056	1.050	1.060	1.060	1.060
UL	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090

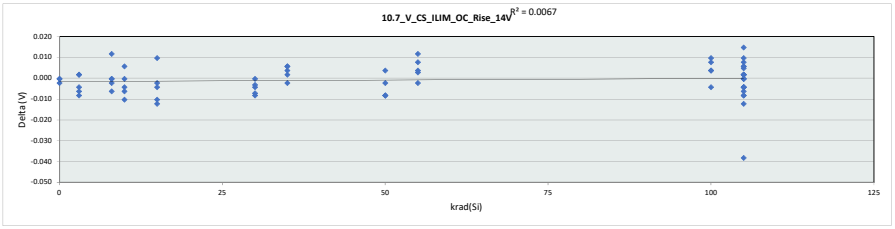


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

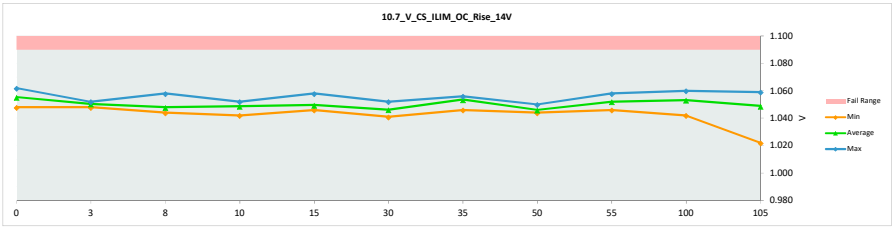
	10.7_V_CS_ILIM_OC_Rise_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.08	1.09
Min Limit	0.95	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	1.062	1.062	0.000
0	992	1.056	1.056	0.000
0	993	1.050	1.048	-0.002
3	1	1.056	1.048	-0.008
3	2	1.046	1.048	0.002
3	3	1.056	1.052	-0.004
3	4	1.050	1.052	0.002
3	5	1.058	1.052	-0.006
8	6	1.046	1.046	0.000
8	7	1.046	1.058	0.012
8	8	1.050	1.044	-0.006
8	9	1.048	1.048	0.000
8	10	1.046	1.044	-0.002
10	11	1.052	1.048	-0.004
10	12	1.052	1.042	-0.010
10	13	1.052	1.052	0.000
10	14	1.056	1.050	-0.006
10	15	1.046	1.052	0.006
15	16	1.048	1.058	0.010
15	17	1.048	1.046	-0.002
15	18	1.060	1.048	-0.012
15	19	1.054	1.050	-0.004
15	20	1.056	1.046	-0.010
30	21	1.052	1.052	0.000
30	22	1.051	1.048	-0.003
30	23	1.050	1.042	-0.008
30	24	1.048	1.041	-0.007
30	25	1.052	1.048	-0.004
35	26	1.052	1.056	0.004
35	27	1.050	1.056	0.006
35	28	1.048	1.046	-0.002
35	29	1.048	1.054	0.006
35	30	1.054	1.056	0.002
50	31	1.054	1.046	-0.008
50	32	1.052	1.044	-0.008
50	33	1.046	1.044	-0.002
50	34	1.058	1.050	-0.008
50	35	1.042	1.046	0.004
55	36	1.050	1.048	-0.002
55	37	1.044	1.056	0.012
55	38	1.048	1.052	0.004
55	39	1.043	1.046	0.003
55	40	1.050	1.058	0.008
100	41	1.048	1.058	0.010
100	42	1.046	1.042	-0.004
100	43	1.056	1.060	0.004
100	44	1.046	1.050	0.004
100	45	1.048	1.056	0.008
105	46	1.050	1.044	-0.006
105	47	1.046	1.046	0.000
105	48	1.050	1.046	-0.004
105	49	1.052	1.048	-0.004
105	50	1.044	1.046	0.002
105	51	1.040	1.050	0.010
105	52	1.050	1.050	0.000
105	53	1.056	1.052	-0.004
105	54	1.060	1.022	-0.038
105	55	1.046	1.048	0.002
105	56	1.054	1.046	-0.008
105	57	1.060	1.048	-0.012
105	58	1.044	1.059	0.015
105	59	1.049	1.054	0.005
105	60	1.048	1.054	0.006
105	61	1.050	1.052	0.002
105	62	1.050	1.052	0.002
105	63	1.052	1.052	0.000
105	64	1.056	1.048	-0.008
105	65	1.046	1.054	0.008
105	66	1.046	1.052	0.006
105	67	1.056	1.052	-0.004
	Max	1.062	1.062	0.015
	Average	1.050	1.050	-0.001
	Min	1.040	1.022	-0.038
	Std Dev	0.005	0.006	0.008



	10.7_V_CS_ILIM_OC_Rise_14V	
Test Site		
Tester		
Test Number		
Max Limit	1.09	V
Min Limit		V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	1.048	1.048	1.044	1.042	1.046	1.041	1.046	1.044	1.046	1.042	1.022
Average	1.055	1.050	1.048	1.049	1.050	1.046	1.054	1.046	1.052	1.053	1.049
Max	1.062	1.052	1.058	1.052	1.058	1.052	1.056	1.050	1.058	1.060	1.059
UL	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090

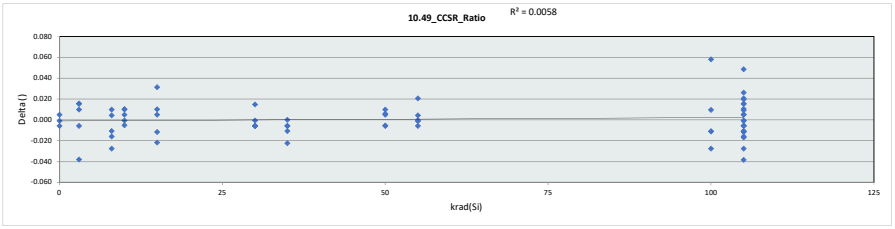


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

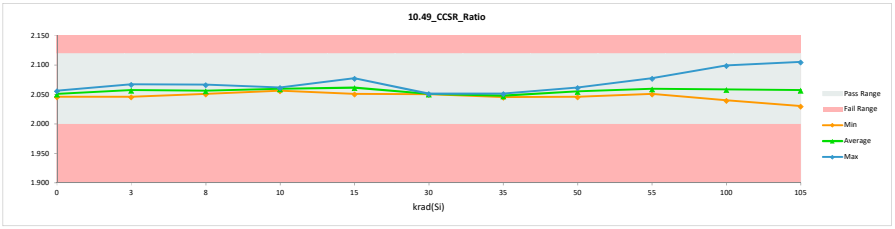
	10.49_CCSR_Ratio	
Test Site		
Tester		
Test Number		
Unit		
Max Limit	2.12	2.12
Min Limit	2	2

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	2.052	2.051	0.000
0	992	2.051	2.046	-0.005
0	993	2.051	2.057	0.005
3	1	2.051	2.067	0.016
3	2	2.057	2.067	0.010
3	3	2.056	2.051	-0.005
3	4	2.084	2.046	-0.037
3	5	2.041	2.057	0.016
8	6	2.083	2.056	-0.027
8	7	2.056	2.067	0.011
8	8	2.062	2.052	-0.010
8	9	2.046	2.051	0.005
8	10	2.072	2.057	-0.015
10	11	2.057	2.062	0.006
10	12	2.067	2.062	-0.005
10	13	2.046	2.056	0.011
10	14	2.051	2.062	0.011
10	15	2.057	2.057	0.000
15	16	2.046	2.078	0.032
15	17	2.067	2.056	-0.011
15	18	2.078	2.057	-0.021
15	19	2.056	2.067	0.011
15	20	2.046	2.051	0.006
30	21	2.057	2.051	-0.005
30	22	2.056	2.051	-0.005
30	23	2.056	2.051	-0.005
30	24	2.051	2.051	0.000
30	25	2.035	2.051	0.015
35	26	2.051	2.046	-0.005
35	27	2.051	2.052	0.001
35	28	2.068	2.046	-0.022
35	29	2.062	2.051	-0.010
35	30	2.051	2.046	-0.005
50	31	2.051	2.057	0.006
50	32	2.050	2.057	0.006
50	33	2.051	2.046	-0.005
50	34	2.062	2.056	-0.005
50	35	2.052	2.062	0.010
55	36	2.056	2.056	0.000
55	37	2.056	2.061	0.005
55	38	2.057	2.078	0.021
55	39	2.056	2.051	-0.005
55	40	2.052	2.052	0.000
100	41	2.062	2.051	-0.010
100	42	2.041	2.052	0.010
100	43	2.078	2.051	-0.027
100	44	2.041	2.099	0.059
100	45	2.051	2.040	-0.010
105	46	2.067	2.073	0.006
105	47	2.056	2.051	-0.005
105	48	2.051	2.078	0.027
105	49	2.051	2.073	0.021
105	50	2.056	2.067	0.011
105	51	2.046	2.062	0.016
105	52	2.047	2.067	0.020
105	53	2.046	2.041	-0.005
105	54	2.046	2.030	-0.015
105	55	2.056	2.105	0.049
105	56	2.041	2.041	0.000
105	57	2.056	2.046	-0.010
105	58	2.083	2.056	-0.027
105	59	2.057	2.056	0.000
105	60	2.056	2.040	-0.016
105	61	2.057	2.046	-0.010
105	62	2.089	2.051	-0.038
105	63	2.046	2.056	0.010
105	64	2.056	2.062	0.006
105	65	2.051	2.067	0.016
105	66	2.062	2.051	-0.011
105	67	2.051	2.046	-0.005
	Max	2.089	2.105	0.059
	Average	2.056	2.057	0.001
	Min	2.035	2.030	-0.038
	Std Dev	0.011	0.012	0.017



	10.49_CCSR_Ratio
Test Site	
Tester	
Test Number	
Max Limit	2.12
Min Limit	2

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
Min	2.046	2.046	2.051	2.056	2.051	2.051	2.046	2.046	2.051	2.040	2.030
Average	2.051	2.058	2.057	2.060	2.062	2.051	2.048	2.056	2.060	2.059	2.058
Max	2.057	2.067	2.067	2.062	2.078	2.051	2.052	2.062	2.078	2.099	2.105
UL	2.120	2.120	2.120	2.120	2.120	2.120	2.120	2.120	2.120	2.120	2.120

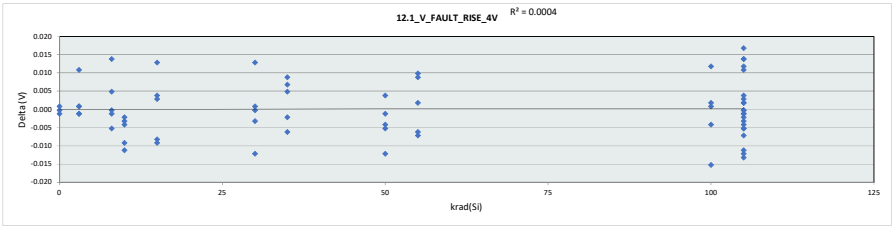


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

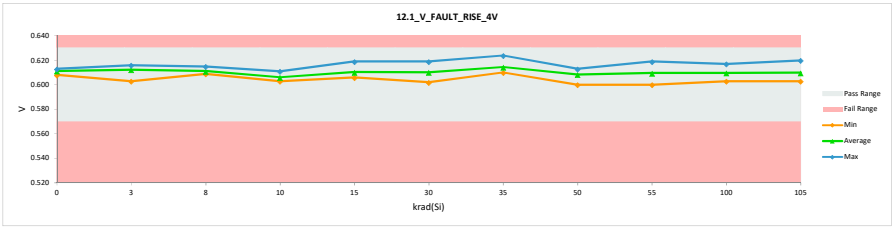
	12.1_V_FAULT_RISE_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.63	0.63
Min Limit	0.58	0.57

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.608	0.608	0.000
0	992	0.612	0.613	0.001
0	993	0.614	0.613	-0.001
3	1	0.615	0.616	0.001
3	2	0.602	0.613	0.011
3	3	0.604	0.603	-0.001
3	4	0.617	0.616	-0.001
3	5	0.613	0.614	0.001
8	6	0.609	0.609	0.000
8	7	0.607	0.612	0.005
8	8	0.615	0.610	-0.005
8	9	0.601	0.615	0.014
8	10	0.611	0.610	-0.001
10	11	0.610	0.608	-0.002
10	12	0.616	0.605	-0.011
10	13	0.612	0.603	-0.009
10	14	0.615	0.611	-0.004
10	15	0.607	0.604	-0.003
15	16	0.606	0.619	0.013
15	17	0.603	0.606	0.003
15	18	0.619	0.611	-0.008
15	19	0.606	0.610	0.004
15	20	0.615	0.606	-0.009
30	21	0.614	0.615	0.001
30	22	0.605	0.602	-0.003
30	23	0.606	0.619	0.013
30	24	0.610	0.610	0.000
30	25	0.617	0.605	-0.012
35	26	0.611	0.616	0.005
35	27	0.616	0.610	-0.006
35	28	0.615	0.624	0.009
35	29	0.613	0.611	-0.002
35	30	0.605	0.612	0.007
50	31	0.617	0.613	-0.004
50	32	0.614	0.613	-0.001
50	33	0.609	0.613	0.004
50	34	0.612	0.600	-0.012
50	35	0.608	0.603	-0.005
55	36	0.613	0.606	-0.007
55	37	0.609	0.618	0.009
55	38	0.609	0.619	0.010
55	39	0.606	0.600	-0.006
55	40	0.603	0.605	0.002
100	41	0.612	0.614	0.002
100	42	0.607	0.603	-0.004
100	43	0.619	0.604	-0.015
100	44	0.605	0.617	0.012
100	45	0.610	0.611	0.001
105	46	0.609	0.606	-0.003
105	47	0.607	0.609	0.002
105	48	0.615	0.603	-0.012
105	49	0.601	0.603	0.002
105	50	0.616	0.612	-0.004
105	51	0.609	0.608	-0.001
105	52	0.606	0.620	0.014
105	53	0.616	0.611	-0.005
105	54	0.607	0.606	-0.001
105	55	0.619	0.608	-0.011
105	56	0.609	0.604	-0.005
105	57	0.611	0.604	-0.007
105	58	0.617	0.617	0.000
105	59	0.602	0.606	0.004
105	60	0.613	0.616	0.003
105	61	0.602	0.614	0.012
105	62	0.605	0.605	0.000
105	63	0.618	0.605	-0.013
105	64	0.614	0.612	-0.002
105	65	0.603	0.617	0.014
105	66	0.602	0.613	0.011
105	67	0.602	0.619	0.017
	Max	0.619	0.624	0.017
	Average	0.610	0.610	0.000
	Min	0.601	0.600	-0.015
	Std Dev	0.005	0.006	0.007



	12.1_V_FAULT_RISE_4V	
Test Site		
Tester		
Test Number		
Max Limit	0.63	V
Min Limit	0.57	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.608	0.603	0.609	0.603	0.606	0.602	0.610	0.600	0.600	0.603	0.603
Average	0.611	0.612	0.611	0.606	0.610	0.610	0.615	0.608	0.610	0.610	0.610
Max	0.613	0.616	0.615	0.611	0.619	0.619	0.624	0.613	0.619	0.617	0.620
UL	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630

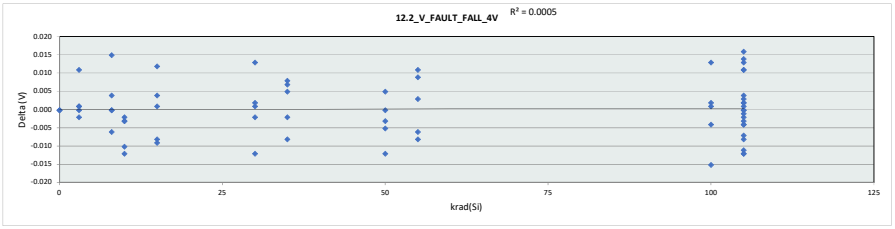


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

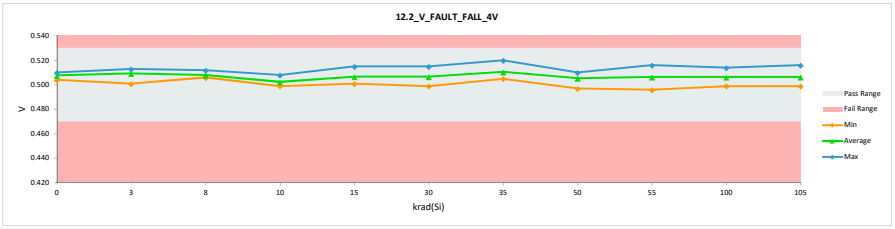
	12.2_V_FAULT_FALL_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.53	0.53
Min Limit	0.48	0.47

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.504	0.504	0.000
0	992	0.509	0.509	0.000
0	993	0.510	0.510	0.000
3	1	0.511	0.512	0.001
3	2	0.499	0.510	0.011
3	3	0.501	0.501	0.000
3	4	0.515	0.513	-0.002
3	5	0.509	0.510	0.001
8	6	0.506	0.506	0.000
8	7	0.504	0.508	0.004
8	8	0.512	0.506	-0.006
8	9	0.497	0.512	0.015
8	10	0.508	0.508	0.000
10	11	0.506	0.504	-0.002
10	12	0.513	0.501	-0.012
10	13	0.509	0.499	-0.010
10	14	0.511	0.508	-0.003
10	15	0.503	0.500	-0.003
15	16	0.503	0.515	0.012
15	17	0.500	0.501	0.001
15	18	0.516	0.507	-0.009
15	19	0.503	0.507	0.004
15	20	0.511	0.503	-0.008
30	21	0.510	0.512	0.002
30	22	0.501	0.499	-0.002
30	23	0.502	0.515	0.013
30	24	0.505	0.506	0.001
30	25	0.513	0.501	-0.012
35	26	0.508	0.513	0.005
35	27	0.513	0.505	-0.008
35	28	0.512	0.520	0.008
35	29	0.509	0.507	-0.002
35	30	0.501	0.508	0.007
50	31	0.513	0.510	-0.003
50	32	0.510	0.510	0.000
50	33	0.505	0.510	0.005
50	34	0.509	0.497	-0.012
50	35	0.505	0.500	-0.005
55	36	0.511	0.503	-0.008
55	37	0.506	0.515	0.009
55	38	0.505	0.516	0.011
55	39	0.502	0.496	-0.006
55	40	0.499	0.502	0.003
100	41	0.509	0.511	0.002
100	42	0.503	0.499	-0.004
100	43	0.515	0.500	-0.015
100	44	0.501	0.514	0.013
100	45	0.507	0.508	0.001
105	46	0.506	0.503	-0.003
105	47	0.504	0.506	0.002
105	48	0.512	0.500	-0.012
105	49	0.498	0.500	0.002
105	50	0.513	0.509	-0.004
105	51	0.505	0.504	-0.001
105	52	0.502	0.516	0.014
105	53	0.513	0.509	-0.004
105	54	0.503	0.503	0.000
105	55	0.516	0.505	-0.011
105	56	0.506	0.499	-0.007
105	57	0.508	0.500	-0.008
105	58	0.513	0.513	0.000
105	59	0.499	0.502	0.003
105	60	0.509	0.513	0.004
105	61	0.499	0.510	0.011
105	62	0.501	0.502	0.001
105	63	0.513	0.501	-0.012
105	64	0.510	0.508	-0.002
105	65	0.500	0.513	0.013
105	66	0.498	0.509	0.011
105	67	0.499	0.515	0.016
	Max	0.516	0.520	0.016
	Average	0.507	0.507	0.000
	Min	0.497	0.496	-0.015
	Std Dev	0.005	0.006	0.008



	12.2_V_FAULT_FALL_4V	
Test Site		
Tester		
Test Number		
Max Limit	0.53	V
Min Limit	0.47	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.504	0.501	0.506	0.499	0.501	0.499	0.505	0.497	0.496	0.499	0.499
Average	0.508	0.509	0.508	0.502	0.507	0.507	0.511	0.505	0.506	0.506	0.506
Max	0.510	0.513	0.512	0.508	0.515	0.515	0.520	0.510	0.516	0.514	0.516
UL	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530

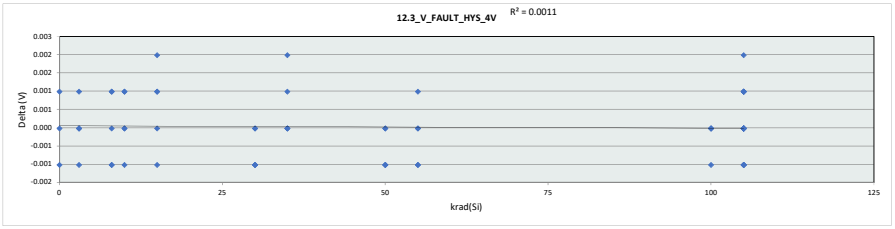


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

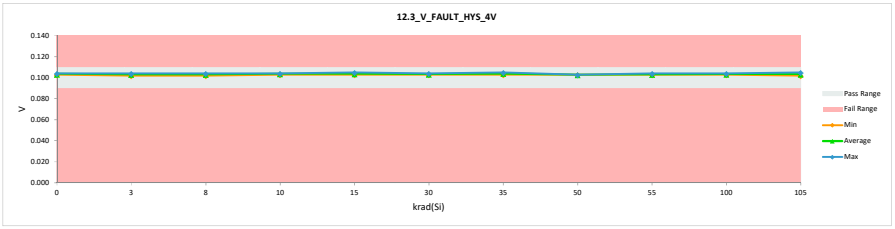
	12.3_V_FAULT_HYS_4V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.108	0.11
Min Limit	0.092	0.09

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.104	0.104	0.000
0	992	0.103	0.104	0.001
0	993	0.104	0.103	-0.001
3	1	0.104	0.104	0.000
3	2	0.103	0.103	0.000
3	3	0.103	0.102	-0.001
3	4	0.102	0.103	0.001
3	5	0.104	0.104	0.000
8	6	0.103	0.103	0.000
8	7	0.103	0.104	0.001
8	8	0.103	0.104	0.001
8	9	0.104	0.103	-0.001
8	10	0.103	0.102	-0.001
10	11	0.104	0.104	0.000
10	12	0.103	0.104	0.001
10	13	0.103	0.104	0.001
10	14	0.104	0.103	-0.001
10	15	0.104	0.104	0.000
15	16	0.103	0.104	0.001
15	17	0.103	0.105	0.002
15	18	0.103	0.104	0.001
15	19	0.103	0.103	0.000
15	20	0.104	0.103	-0.001
30	21	0.104	0.103	-0.001
30	22	0.104	0.103	-0.001
30	23	0.104	0.104	0.000
30	24	0.105	0.104	-0.001
30	25	0.104	0.104	0.000
35	26	0.103	0.103	0.000
35	27	0.103	0.105	0.002
35	28	0.103	0.104	0.001
35	29	0.104	0.104	0.000
35	30	0.104	0.104	0.000
50	31	0.104	0.103	-0.001
50	32	0.104	0.103	-0.001
50	33	0.104	0.103	-0.001
50	34	0.103	0.103	0.000
50	35	0.103	0.103	0.000
55	36	0.102	0.103	0.001
55	37	0.103	0.103	0.000
55	38	0.104	0.103	-0.001
55	39	0.104	0.104	0.000
55	40	0.104	0.103	-0.001
100	41	0.103	0.103	0.000
100	42	0.104	0.104	0.000
100	43	0.104	0.104	0.000
100	44	0.104	0.103	-0.001
100	45	0.103	0.103	0.000
105	46	0.103	0.103	0.000
105	47	0.103	0.103	0.000
105	48	0.103	0.103	0.000
105	49	0.103	0.103	0.000
105	50	0.103	0.103	0.000
105	51	0.104	0.104	0.000
105	52	0.104	0.104	0.000
105	53	0.103	0.102	-0.001
105	54	0.104	0.103	-0.001
105	55	0.103	0.103	0.000
105	56	0.103	0.105	0.002
105	57	0.103	0.104	0.001
105	58	0.104	0.104	0.000
105	59	0.103	0.104	0.001
105	60	0.104	0.103	-0.001
105	61	0.103	0.104	0.001
105	62	0.104	0.103	-0.001
105	63	0.105	0.104	-0.001
105	64	0.104	0.104	0.000
105	65	0.103	0.104	0.001
105	66	0.104	0.104	0.000
105	67	0.103	0.104	0.001
	Max	0.105	0.105	0.002
	Average	0.103	0.104	0.000
	Min	0.102	0.102	-0.001
	Std Dev	0.001	0.001	0.001



	12.3_V_FAULT_HYS_4V	
Test Site		
Tester		
Test Number		
Max Limit	0.11	V
Min Limit	0.09	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090
Min	0.103	0.102	0.102	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.102
Average	0.104	0.103	0.103	0.104	0.104	0.104	0.104	0.103	0.103	0.103	0.104
Max	0.104	0.104	0.104	0.104	0.105	0.104	0.105	0.103	0.104	0.104	0.105
UL	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110

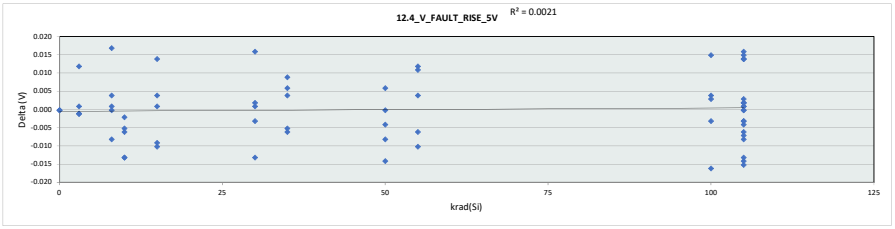


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

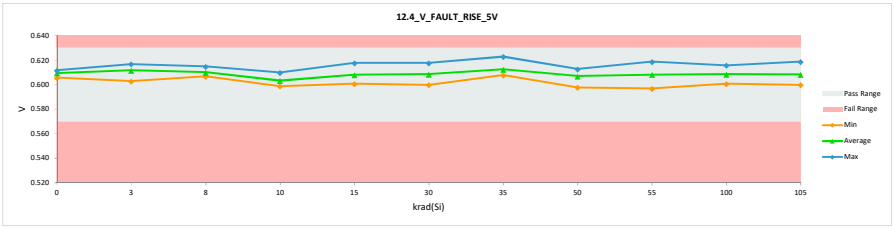
	12.4_V_FAULT_RISE_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.63	0.63
Min Limit	0.58	0.57

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.606	0.606	0.000
0	992	0.611	0.611	0.000
0	993	0.612	0.612	0.000
3	1	0.615	0.614	-0.001
3	2	0.601	0.613	0.012
3	3	0.602	0.603	0.001
3	4	0.618	0.617	-0.001
3	5	0.614	0.613	-0.001
8	6	0.606	0.607	0.001
8	7	0.607	0.611	0.004
8	8	0.617	0.609	-0.008
8	9	0.598	0.615	0.017
8	10	0.610	0.610	0.000
10	11	0.608	0.606	-0.002
10	12	0.615	0.602	-0.013
10	13	0.612	0.599	-0.013
10	14	0.616	0.610	-0.006
10	15	0.605	0.600	-0.005
15	16	0.604	0.618	0.014
15	17	0.600	0.601	0.001
15	18	0.619	0.609	-0.010
15	19	0.604	0.608	0.004
15	20	0.614	0.605	-0.009
30	21	0.612	0.614	0.002
30	22	0.603	0.600	-0.003
30	23	0.602	0.618	0.016
30	24	0.607	0.608	0.001
30	25	0.617	0.604	-0.013
35	26	0.611	0.615	0.004
35	27	0.614	0.608	-0.006
35	28	0.614	0.623	0.009
35	29	0.613	0.608	-0.005
35	30	0.603	0.609	0.006
50	31	0.616	0.612	-0.004
50	32	0.613	0.613	0.000
50	33	0.607	0.613	0.006
50	34	0.612	0.598	-0.014
50	35	0.608	0.600	-0.008
55	36	0.614	0.604	-0.010
55	37	0.608	0.619	0.011
55	38	0.606	0.618	0.012
55	39	0.603	0.597	-0.006
55	40	0.600	0.604	0.004
100	41	0.611	0.614	0.003
100	42	0.604	0.601	-0.003
100	43	0.617	0.601	-0.016
100	44	0.601	0.616	0.015
100	45	0.608	0.612	0.004
105	46	0.608	0.604	-0.004
105	47	0.606	0.608	0.002
105	48	0.614	0.600	-0.014
105	49	0.599	0.600	0.001
105	50	0.616	0.610	-0.006
105	51	0.607	0.607	0.000
105	52	0.604	0.619	0.015
105	53	0.616	0.613	-0.003
105	54	0.605	0.607	0.002
105	55	0.619	0.606	-0.013
105	56	0.609	0.602	-0.007
105	57	0.609	0.601	-0.008
105	58	0.615	0.617	0.002
105	59	0.602	0.603	0.001
105	60	0.612	0.615	0.003
105	61	0.599	0.613	0.014
105	62	0.603	0.603	0.000
105	63	0.616	0.601	-0.015
105	64	0.614	0.611	-0.003
105	65	0.602	0.616	0.014
105	66	0.599	0.613	0.014
105	67	0.602	0.618	0.016
	Max	0.619	0.623	0.017
	Average	0.609	0.609	0.000
	Min	0.598	0.597	-0.016
	Std Dev	0.006	0.006	0.009



	12.4_V_FAULT_RISE_5V	
Test Site		
Tester		
Test Number		
Max Limit	0.63	V
Min Limit	0.57	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.606	0.603	0.607	0.599	0.601	0.600	0.608	0.598	0.597	0.601	0.600
Average	0.610	0.612	0.610	0.603	0.608	0.609	0.613	0.607	0.608	0.609	0.609
Max	0.612	0.617	0.615	0.610	0.618	0.618	0.623	0.613	0.619	0.616	0.619
UL	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630

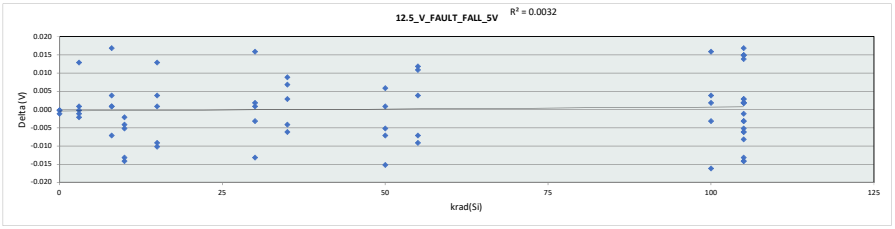


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

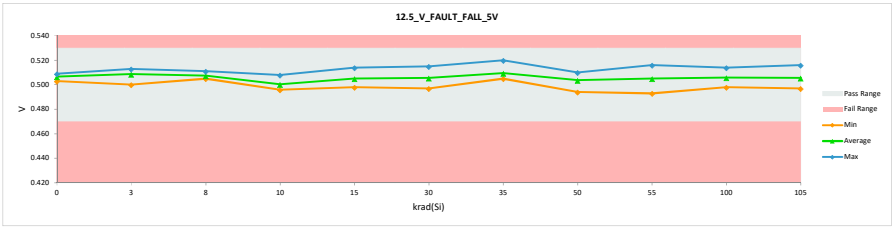
	12.5_V_FAULT_FALL_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.53	0.53
Min Limit	0.48	0.47

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.503	0.503	0.000
0	992	0.509	0.508	-0.001
0	993	0.509	0.509	0.000
3	1	0.512	0.511	-0.001
3	2	0.497	0.510	0.013
3	3	0.499	0.500	0.001
3	4	0.515	0.513	-0.002
3	5	0.510	0.510	0.000
8	6	0.504	0.505	0.001
8	7	0.504	0.508	0.004
8	8	0.513	0.506	-0.007
8	9	0.494	0.511	0.017
8	10	0.506	0.507	0.001
10	11	0.505	0.503	-0.002
10	12	0.512	0.498	-0.014
10	13	0.509	0.496	-0.013
10	14	0.513	0.508	-0.005
10	15	0.501	0.497	-0.004
15	16	0.501	0.514	0.013
15	17	0.497	0.498	0.001
15	18	0.516	0.506	-0.010
15	19	0.501	0.505	0.004
15	20	0.511	0.502	-0.009
30	21	0.509	0.511	0.002
30	22	0.500	0.497	-0.003
30	23	0.499	0.515	0.016
30	24	0.504	0.505	0.001
30	25	0.513	0.500	-0.013
35	26	0.509	0.512	0.003
35	27	0.511	0.505	-0.006
35	28	0.511	0.520	0.009
35	29	0.509	0.505	-0.004
35	30	0.499	0.506	0.007
50	31	0.513	0.508	-0.005
50	32	0.509	0.510	0.001
50	33	0.504	0.510	0.006
50	34	0.509	0.494	-0.015
50	35	0.504	0.497	-0.007
55	36	0.510	0.501	-0.009
55	37	0.505	0.516	0.011
55	38	0.503	0.515	0.012
55	39	0.500	0.493	-0.007
55	40	0.497	0.501	0.004
100	41	0.508	0.510	0.002
100	42	0.501	0.498	-0.003
100	43	0.514	0.498	-0.016
100	44	0.498	0.514	0.016
100	45	0.505	0.509	0.004
105	46	0.504	0.501	-0.003
105	47	0.503	0.505	0.002
105	48	0.511	0.497	-0.014
105	49	0.495	0.497	0.002
105	50	0.513	0.507	-0.006
105	51	0.504	0.503	-0.001
105	52	0.501	0.516	0.015
105	53	0.513	0.510	-0.003
105	54	0.503	0.505	0.002
105	55	0.516	0.503	-0.013
105	56	0.505	0.499	-0.006
105	57	0.506	0.498	-0.008
105	58	0.511	0.514	0.003
105	59	0.498	0.500	0.002
105	60	0.509	0.512	0.003
105	61	0.496	0.510	0.014
105	62	0.499	0.501	0.002
105	63	0.513	0.499	-0.014
105	64	0.512	0.507	-0.005
105	65	0.498	0.513	0.015
105	66	0.495	0.510	0.015
105	67	0.498	0.515	0.017
	Max	0.516	0.520	0.017
	Average	0.506	0.506	0.000
	Min	0.494	0.493	-0.016
	Std Dev	0.006	0.006	0.009



	12.5_V_FAULT_FALL_5V	
Test Site		
Tester		
Test Number		
Max Limit	0.53	V
Min Limit	0.47	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.503	0.500	0.505	0.496	0.498	0.497	0.505	0.494	0.493	0.498	0.497
Average	0.507	0.509	0.507	0.500	0.505	0.506	0.510	0.504	0.505	0.506	0.506
Max	0.509	0.513	0.511	0.508	0.514	0.515	0.520	0.510	0.516	0.514	0.516
UL	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530

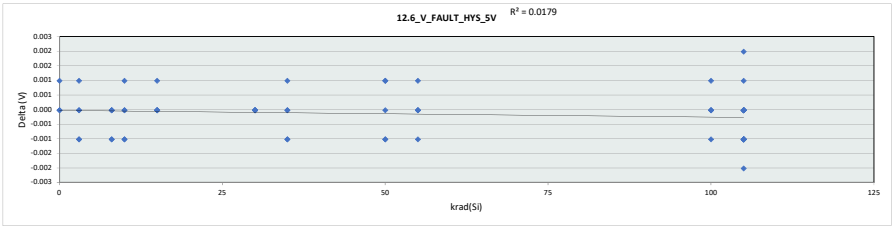


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

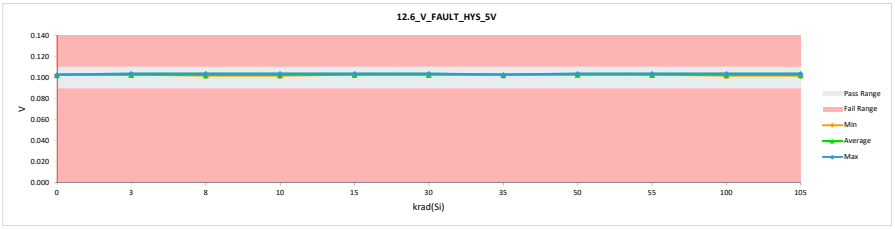
	12.6_V_FAULT_HYS_5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.108	0.11
Min Limit	0.092	0.09

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.103	0.103	0.000
0	992	0.102	0.103	0.001
0	993	0.103	0.103	0.000
3	1	0.103	0.103	0.000
3	2	0.104	0.103	-0.001
3	3	0.103	0.103	0.000
3	4	0.103	0.104	0.001
3	5	0.104	0.103	-0.001
8	6	0.102	0.102	0.000
8	7	0.103	0.103	0.000
8	8	0.104	0.103	-0.001
8	9	0.104	0.104	0.000
8	10	0.104	0.103	-0.001
10	11	0.103	0.103	0.000
10	12	0.103	0.104	0.001
10	13	0.103	0.103	0.000
10	14	0.103	0.102	-0.001
10	15	0.104	0.103	-0.001
15	16	0.103	0.104	0.001
15	17	0.103	0.103	0.000
15	18	0.103	0.103	0.000
15	19	0.103	0.103	0.000
15	20	0.103	0.103	0.000
30	21	0.103	0.103	0.000
30	22	0.103	0.103	0.000
30	23	0.103	0.103	0.000
30	24	0.103	0.103	0.000
30	25	0.104	0.104	0.000
35	26	0.102	0.103	0.001
35	27	0.103	0.103	0.000
35	28	0.103	0.103	0.000
35	29	0.104	0.103	-0.001
35	30	0.104	0.103	-0.001
50	31	0.103	0.104	0.001
50	32	0.104	0.103	-0.001
50	33	0.103	0.103	0.000
50	34	0.103	0.104	0.001
50	35	0.104	0.103	-0.001
55	36	0.104	0.103	-0.001
55	37	0.103	0.103	0.000
55	38	0.103	0.103	0.000
55	39	0.103	0.104	0.001
55	40	0.103	0.103	0.000
100	41	0.103	0.104	0.001
100	42	0.103	0.103	0.000
100	43	0.103	0.103	0.000
100	44	0.103	0.102	-0.001
100	45	0.103	0.103	0.000
105	46	0.104	0.103	-0.001
105	47	0.103	0.103	0.000
105	48	0.103	0.103	0.000
105	49	0.104	0.103	-0.001
105	50	0.103	0.103	0.000
105	51	0.103	0.104	0.001
105	52	0.103	0.103	0.000
105	53	0.103	0.103	0.000
105	54	0.102	0.102	0.000
105	55	0.103	0.103	0.000
105	56	0.104	0.103	-0.001
105	57	0.103	0.103	0.000
105	58	0.104	0.103	-0.001
105	59	0.104	0.103	-0.001
105	60	0.103	0.103	0.000
105	61	0.103	0.103	0.000
105	62	0.104	0.102	-0.002
105	63	0.103	0.102	-0.001
105	64	0.102	0.104	0.002
105	65	0.104	0.103	-0.001
105	66	0.104	0.103	-0.001
105	67	0.104	0.103	-0.001
	Max	0.104	0.104	0.002
	Average	0.103	0.103	0.000
	Min	0.102	0.102	-0.002
	Std Dev	0.001	0.000	0.001



	12.6_V_FAULT_HYS_5V	
Test Site		
Tester		
Test Number		
Max Limit	0.11	V
Min Limit	0.09	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090
Min	0.103	0.103	0.102	0.102	0.103	0.103	0.103	0.103	0.103	0.102	0.102
Average	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103
Max	0.103	0.104	0.104	0.104	0.104	0.104	0.103	0.104	0.104	0.104	0.104
UL	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110

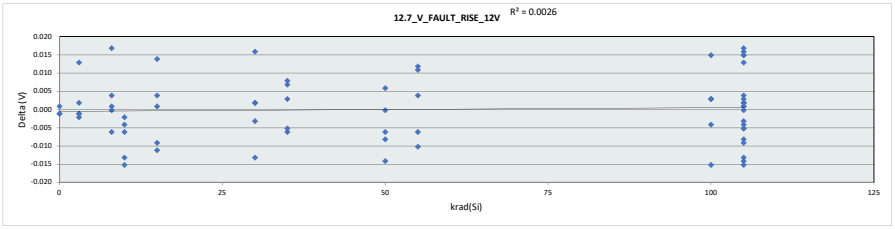


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

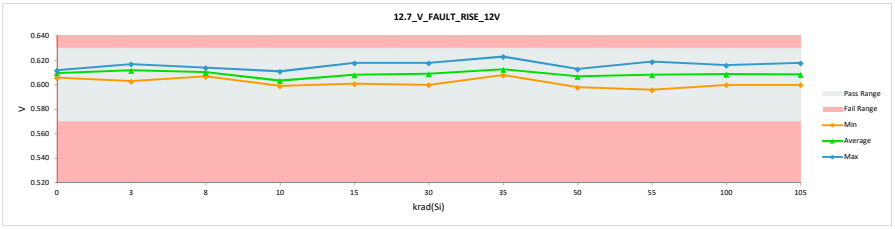
	12.7_V_FAULT_RISE_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.63	0.63
Min Limit	0.58	0.57

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.607	0.606	-0.001
0	992	0.611	0.612	0.001
0	993	0.612	0.611	-0.001
3	1	0.616	0.614	-0.002
3	2	0.600	0.613	0.013
3	3	0.601	0.603	0.002
3	4	0.618	0.617	-0.001
3	5	0.614	0.613	-0.001
8	6	0.607	0.607	0.000
8	7	0.607	0.611	0.004
8	8	0.616	0.610	-0.006
8	9	0.597	0.614	0.017
8	10	0.609	0.610	0.001
10	11	0.608	0.606	-0.002
10	12	0.616	0.601	-0.015
10	13	0.612	0.599	-0.013
10	14	0.617	0.611	-0.006
10	15	0.604	0.600	-0.004
15	16	0.604	0.618	0.014
15	17	0.600	0.601	0.001
15	18	0.620	0.609	-0.011
15	19	0.604	0.608	0.004
15	20	0.614	0.605	-0.009
30	21	0.612	0.614	0.002
30	22	0.603	0.600	-0.003
30	23	0.602	0.618	0.016
30	24	0.607	0.609	0.002
30	25	0.617	0.604	-0.013
35	26	0.612	0.615	0.003
35	27	0.614	0.608	-0.006
35	28	0.615	0.623	0.008
35	29	0.613	0.608	-0.005
35	30	0.602	0.609	0.007
50	31	0.617	0.611	-0.006
50	32	0.613	0.613	0.000
50	33	0.607	0.613	0.006
50	34	0.612	0.598	-0.014
50	35	0.608	0.600	-0.008
55	36	0.614	0.604	-0.010
55	37	0.608	0.619	0.011
55	38	0.606	0.618	0.012
55	39	0.602	0.596	-0.006
55	40	0.600	0.604	0.004
100	41	0.611	0.614	0.003
100	42	0.604	0.600	-0.004
100	43	0.617	0.602	-0.015
100	44	0.601	0.616	0.015
100	45	0.609	0.612	0.003
105	46	0.607	0.603	-0.004
105	47	0.606	0.608	0.002
105	48	0.614	0.600	-0.014
105	49	0.599	0.600	0.001
105	50	0.616	0.611	-0.005
105	51	0.607	0.607	0.000
105	52	0.605	0.618	0.013
105	53	0.616	0.613	-0.003
105	54	0.606	0.608	0.002
105	55	0.619	0.606	-0.013
105	56	0.609	0.601	-0.008
105	57	0.609	0.600	-0.009
105	58	0.614	0.617	0.003
105	59	0.602	0.603	0.001
105	60	0.612	0.616	0.004
105	61	0.599	0.614	0.015
105	62	0.602	0.604	0.002
105	63	0.616	0.601	-0.015
105	64	0.615	0.610	-0.005
105	65	0.600	0.616	0.016
105	66	0.598	0.613	0.015
105	67	0.601	0.618	0.017
	Max	0.620	0.623	0.017
	Average	0.609	0.609	0.000
	Min	0.597	0.596	-0.015
	Std Dev	0.006	0.006	0.009



	12.7_V_FAULT_RISE_12V	
Test Site		
Tester		
Test Number		
Max Limit	0.63	V
Min Limit	0.57	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.606	0.603	0.607	0.599	0.601	0.600	0.608	0.598	0.596	0.600	0.600
Average	0.610	0.612	0.610	0.603	0.608	0.609	0.613	0.607	0.608	0.609	0.609
Max	0.612	0.617	0.614	0.611	0.618	0.618	0.623	0.613	0.619	0.616	0.618
UL	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630

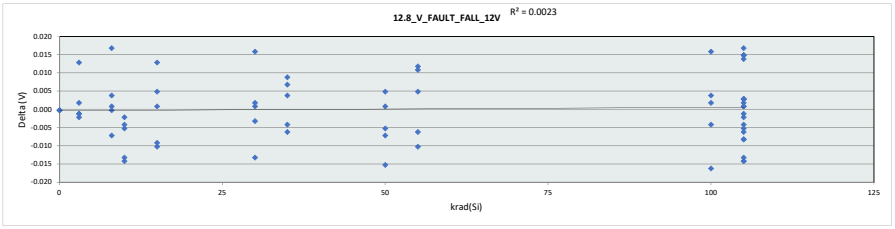


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

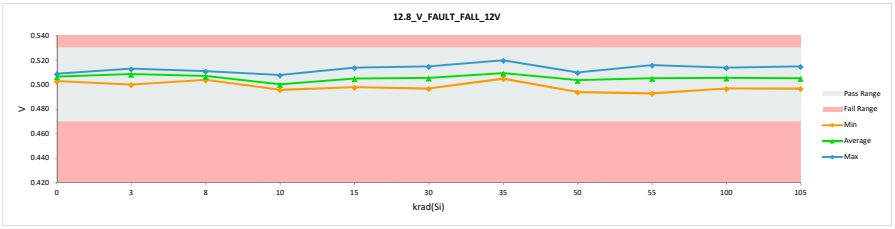
	12.8_V_FAULT_FALL_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.53	0.53
Min Limit	0.48	0.47

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.503	0.503	0.000
0	992	0.508	0.508	0.000
0	993	0.509	0.509	0.000
3	1	0.512	0.511	-0.001
3	2	0.497	0.510	0.013
3	3	0.498	0.500	0.002
3	4	0.515	0.513	-0.002
3	5	0.511	0.510	-0.001
8	6	0.503	0.504	0.001
8	7	0.504	0.508	0.004
8	8	0.513	0.506	-0.007
8	9	0.494	0.511	0.017
8	10	0.506	0.506	0.000
10	11	0.505	0.503	-0.002
10	12	0.512	0.498	-0.014
10	13	0.509	0.496	-0.013
10	14	0.513	0.508	-0.005
10	15	0.501	0.497	-0.004
15	16	0.501	0.514	0.013
15	17	0.497	0.498	0.001
15	18	0.516	0.506	-0.010
15	19	0.500	0.505	0.005
15	20	0.511	0.502	-0.009
30	21	0.509	0.511	0.002
30	22	0.500	0.497	-0.003
30	23	0.499	0.515	0.016
30	24	0.504	0.505	0.001
30	25	0.513	0.500	-0.013
35	26	0.508	0.512	0.004
35	27	0.511	0.505	-0.006
35	28	0.511	0.520	0.009
35	29	0.509	0.505	-0.004
35	30	0.499	0.506	0.007
50	31	0.513	0.508	-0.005
50	32	0.509	0.510	0.001
50	33	0.504	0.509	0.005
50	34	0.509	0.494	-0.015
50	35	0.504	0.497	-0.007
55	36	0.511	0.501	-0.010
55	37	0.505	0.516	0.011
55	38	0.503	0.515	0.012
55	39	0.499	0.493	-0.006
55	40	0.497	0.502	0.005
100	41	0.508	0.510	0.002
100	42	0.501	0.497	-0.004
100	43	0.514	0.498	-0.016
100	44	0.498	0.514	0.016
100	45	0.505	0.509	0.004
105	46	0.504	0.500	-0.004
105	47	0.502	0.505	0.003
105	48	0.511	0.497	-0.014
105	49	0.495	0.497	0.002
105	50	0.513	0.507	-0.006
105	51	0.504	0.503	-0.001
105	52	0.501	0.515	0.014
105	53	0.512	0.510	-0.002
105	54	0.502	0.505	0.003
105	55	0.516	0.503	-0.013
105	56	0.506	0.498	-0.008
105	57	0.506	0.498	-0.008
105	58	0.511	0.514	0.003
105	59	0.499	0.500	0.001
105	60	0.509	0.512	0.003
105	61	0.495	0.510	0.015
105	62	0.499	0.500	0.001
105	63	0.513	0.499	-0.014
105	64	0.512	0.507	-0.005
105	65	0.498	0.513	0.015
105	66	0.495	0.510	0.015
105	67	0.498	0.515	0.017
	Max	0.516	0.520	0.017
	Average	0.505	0.506	0.000
	Min	0.494	0.493	-0.016
	Std Dev	0.006	0.006	0.009



	12.8_V_FAULT_FALL_12V	
Test Site		
Tester		
Test Number		
Max Limit	0.53	V
Min Limit	0.47	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.503	0.500	0.504	0.496	0.498	0.497	0.505	0.494	0.493	0.497	0.497
Average	0.507	0.509	0.507	0.500	0.505	0.506	0.510	0.504	0.505	0.506	0.505
Max	0.509	0.513	0.511	0.508	0.514	0.515	0.520	0.510	0.516	0.514	0.515
UL	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530

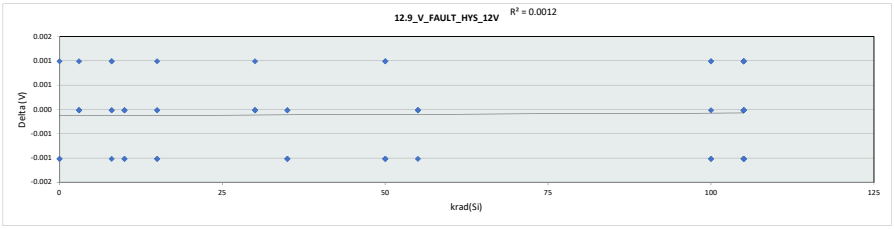


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

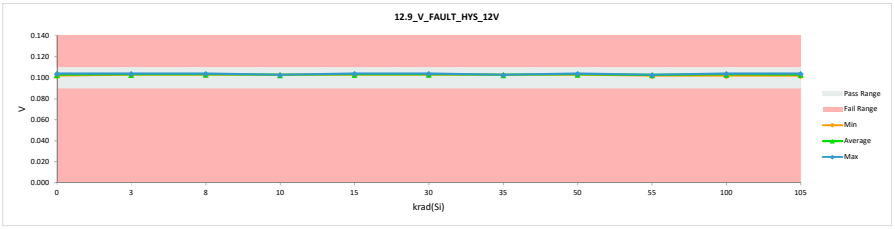
	12.9_V_FAULT_HYS_12V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.108	0.11
Min Limit	0.092	0.09

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.104	0.103	-0.001
0	992	0.103	0.104	0.001
0	993	0.103	0.102	-0.001
3	1	0.103	0.103	0.000
3	2	0.103	0.103	0.000
3	3	0.103	0.103	0.000
3	4	0.103	0.104	0.001
3	5	0.103	0.103	0.000
8	6	0.104	0.103	-0.001
8	7	0.103	0.103	0.000
8	8	0.103	0.104	0.001
8	9	0.103	0.103	0.000
8	10	0.103	0.104	0.001
10	11	0.103	0.103	0.000
10	12	0.104	0.103	-0.001
10	13	0.103	0.103	0.000
10	14	0.104	0.103	-0.001
10	15	0.103	0.103	0.000
15	16	0.103	0.104	0.001
15	17	0.103	0.103	0.000
15	18	0.104	0.103	-0.001
15	19	0.104	0.103	-0.001
15	20	0.103	0.103	0.000
30	21	0.103	0.103	0.000
30	22	0.103	0.103	0.000
30	23	0.103	0.103	0.000
30	24	0.103	0.104	0.001
30	25	0.104	0.104	0.000
35	26	0.104	0.103	-0.001
35	27	0.103	0.103	0.000
35	28	0.104	0.103	-0.001
35	29	0.104	0.103	-0.001
35	30	0.103	0.103	0.000
50	31	0.104	0.103	-0.001
50	32	0.104	0.103	-0.001
50	33	0.103	0.104	0.001
50	34	0.103	0.104	0.001
50	35	0.104	0.103	-0.001
55	36	0.103	0.103	0.000
55	37	0.103	0.103	0.000
55	38	0.103	0.103	0.000
55	39	0.103	0.103	0.000
55	40	0.103	0.102	-0.001
100	41	0.103	0.104	0.001
100	42	0.103	0.103	0.000
100	43	0.103	0.104	0.001
100	44	0.103	0.102	-0.001
100	45	0.104	0.103	-0.001
105	46	0.103	0.103	0.000
105	47	0.104	0.103	-0.001
105	48	0.103	0.103	0.000
105	49	0.104	0.103	-0.001
105	50	0.103	0.104	0.001
105	51	0.103	0.104	0.001
105	52	0.104	0.103	-0.001
105	53	0.104	0.103	-0.001
105	54	0.104	0.103	-0.001
105	55	0.103	0.103	0.000
105	56	0.103	0.103	0.000
105	57	0.103	0.102	-0.001
105	58	0.103	0.103	0.000
105	59	0.103	0.103	0.000
105	60	0.103	0.104	0.001
105	61	0.103	0.104	0.001
105	62	0.103	0.104	0.001
105	63	0.103	0.102	-0.001
105	64	0.103	0.103	0.000
105	65	0.102	0.103	0.001
105	66	0.103	0.103	0.000
105	67	0.103	0.103	0.000
	Max	0.104	0.104	0.001
	Average	0.103	0.103	0.000
	Min	0.102	0.102	-0.001
	Std Dev	0.000	0.001	0.001



	12.9_V_FAULT_HYS_12V	
Test Site		
Tester		
Test Number		
Max Limit	0.11	V
Min Limit	0.09	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090
Min	0.102	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.102	0.102	0.102
Average	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103
Max	0.104	0.104	0.104	0.103	0.104	0.104	0.103	0.104	0.103	0.104	0.104
UL	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110

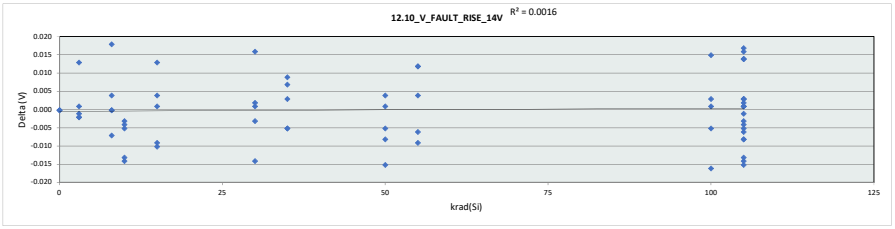


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

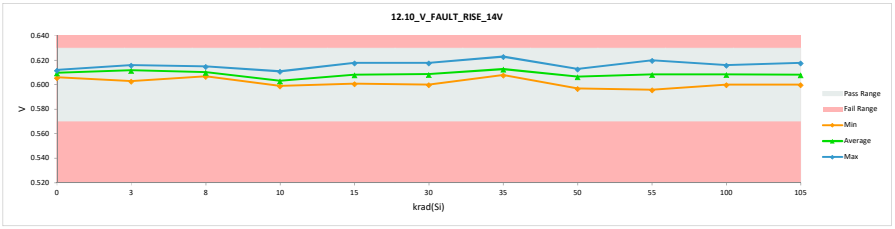
	12.10_V_FAULT_RISE_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.63	0.63
Min Limit	0.58	0.57

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.606	0.606	0.000
0	992	0.611	0.611	0.000
0	993	0.612	0.612	0.000
3	1	0.616	0.614	-0.002
3	2	0.600	0.613	0.013
3	3	0.602	0.603	0.001
3	4	0.618	0.616	-0.002
3	5	0.614	0.613	-0.001
8	6	0.607	0.607	0.000
8	7	0.607	0.611	0.004
8	8	0.616	0.609	-0.007
8	9	0.597	0.615	0.018
8	10	0.610	0.610	0.000
10	11	0.608	0.605	-0.003
10	12	0.615	0.601	-0.014
10	13	0.612	0.599	-0.013
10	14	0.616	0.611	-0.005
10	15	0.604	0.600	-0.004
15	16	0.605	0.618	0.013
15	17	0.600	0.601	0.001
15	18	0.619	0.609	-0.010
15	19	0.604	0.608	0.004
15	20	0.614	0.605	-0.009
30	21	0.612	0.614	0.002
30	22	0.603	0.600	-0.003
30	23	0.602	0.618	0.016
30	24	0.607	0.608	0.001
30	25	0.617	0.603	-0.014
35	26	0.612	0.615	0.003
35	27	0.614	0.609	-0.005
35	28	0.614	0.623	0.009
35	29	0.613	0.608	-0.005
35	30	0.602	0.609	0.007
50	31	0.616	0.611	-0.005
50	32	0.612	0.613	0.001
50	33	0.608	0.612	0.004
50	34	0.612	0.597	-0.015
50	35	0.608	0.600	-0.008
55	36	0.613	0.604	-0.009
55	37	0.608	0.620	0.012
55	38	0.606	0.618	0.012
55	39	0.602	0.596	-0.006
55	40	0.600	0.604	0.004
100	41	0.612	0.613	0.001
100	42	0.605	0.600	-0.005
100	43	0.617	0.601	-0.016
100	44	0.601	0.616	0.015
100	45	0.609	0.612	0.003
105	46	0.607	0.603	-0.004
105	47	0.606	0.608	0.002
105	48	0.614	0.600	-0.014
105	49	0.599	0.600	0.001
105	50	0.616	0.610	-0.006
105	51	0.607	0.606	-0.001
105	52	0.604	0.618	0.014
105	53	0.616	0.613	-0.003
105	54	0.605	0.608	0.003
105	55	0.619	0.606	-0.013
105	56	0.609	0.601	-0.008
105	57	0.609	0.601	-0.008
105	58	0.614	0.617	0.003
105	59	0.602	0.603	0.001
105	60	0.612	0.615	0.003
105	61	0.599	0.613	0.014
105	62	0.602	0.603	0.001
105	63	0.616	0.601	-0.015
105	64	0.615	0.610	-0.005
105	65	0.600	0.616	0.016
105	66	0.599	0.613	0.014
105	67	0.601	0.618	0.017
	Max	0.619	0.623	0.018
	Average	0.609	0.609	0.000
	Min	0.597	0.596	-0.016
	Std Dev	0.006	0.006	0.009



	12.10_V_FAULT_RISE_14V	
Test Site		
Tester		
Test Number		
Max Limit	0.63	V
Min Limit	0.57	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.606	0.603	0.607	0.599	0.601	0.600	0.608	0.597	0.596	0.600	0.600
Average	0.610	0.612	0.610	0.603	0.608	0.609	0.613	0.607	0.608	0.608	0.608
Max	0.612	0.616	0.615	0.611	0.618	0.618	0.623	0.613	0.620	0.616	0.618
UL	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630	0.630

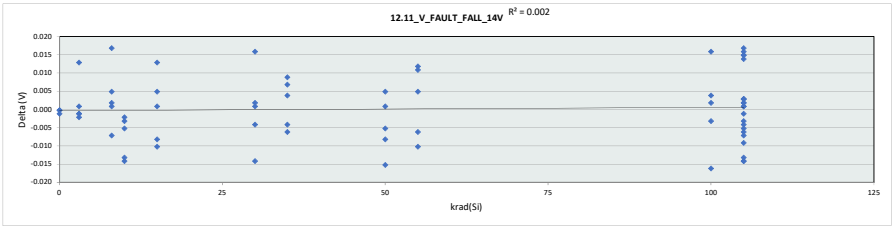


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

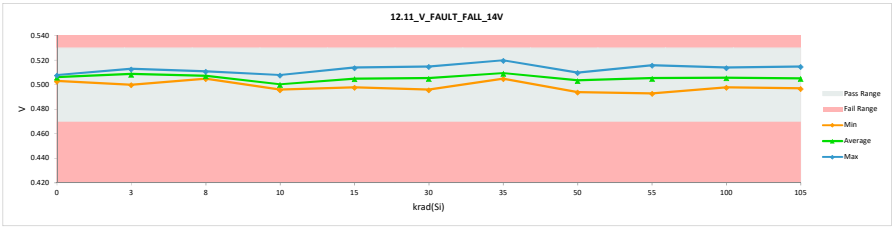
	12.11_V_FAULT_FALL_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.53	0.53
Min Limit	0.48	0.47

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.503	0.503	0.000
0	992	0.508	0.508	0.000
0	993	0.509	0.508	-0.001
3	1	0.512	0.511	-0.001
3	2	0.497	0.510	0.013
3	3	0.499	0.500	0.001
3	4	0.515	0.513	-0.002
3	5	0.511	0.510	-0.001
8	6	0.503	0.505	0.002
8	7	0.503	0.508	0.005
8	8	0.513	0.506	-0.007
8	9	0.494	0.511	0.017
8	10	0.506	0.507	0.001
10	11	0.505	0.503	-0.002
10	12	0.512	0.498	-0.014
10	13	0.509	0.496	-0.013
10	14	0.513	0.508	-0.005
10	15	0.500	0.497	-0.003
15	16	0.501	0.514	0.013
15	17	0.497	0.498	0.001
15	18	0.516	0.506	-0.010
15	19	0.500	0.505	0.005
15	20	0.510	0.502	-0.008
30	21	0.509	0.511	0.002
30	22	0.500	0.496	-0.004
30	23	0.499	0.515	0.016
30	24	0.504	0.505	0.001
30	25	0.514	0.500	-0.014
35	26	0.508	0.512	0.004
35	27	0.511	0.505	-0.006
35	28	0.511	0.520	0.009
35	29	0.509	0.505	-0.004
35	30	0.499	0.506	0.007
50	31	0.513	0.508	-0.005
50	32	0.509	0.510	0.001
50	33	0.504	0.509	0.005
50	34	0.509	0.494	-0.015
50	35	0.505	0.497	-0.008
55	36	0.511	0.501	-0.010
55	37	0.505	0.516	0.011
55	38	0.503	0.515	0.012
55	39	0.499	0.493	-0.006
55	40	0.497	0.502	0.005
100	41	0.508	0.510	0.002
100	42	0.501	0.498	-0.003
100	43	0.514	0.498	-0.016
100	44	0.498	0.514	0.016
100	45	0.505	0.509	0.004
105	46	0.504	0.500	-0.004
105	47	0.503	0.505	0.002
105	48	0.511	0.497	-0.014
105	49	0.495	0.497	0.002
105	50	0.513	0.507	-0.006
105	51	0.504	0.503	-0.001
105	52	0.501	0.515	0.014
105	53	0.513	0.510	-0.003
105	54	0.502	0.505	0.003
105	55	0.516	0.503	-0.013
105	56	0.505	0.498	-0.007
105	57	0.506	0.497	-0.009
105	58	0.511	0.514	0.003
105	59	0.499	0.500	0.001
105	60	0.509	0.512	0.003
105	61	0.495	0.510	0.015
105	62	0.499	0.500	0.001
105	63	0.513	0.499	-0.014
105	64	0.512	0.507	-0.005
105	65	0.497	0.513	0.016
105	66	0.495	0.510	0.015
105	67	0.498	0.515	0.017
	Max	0.516	0.520	0.017
	Average	0.505	0.506	0.000
	Min	0.494	0.493	-0.016
	Std Dev	0.006	0.006	0.009



	12.11_V_FAULT_FALL_14V	
Test Site		
Tester		
Test Number		
Max Limit	0.53	V
Min Limit	0.47	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.503	0.500	0.505	0.496	0.498	0.496	0.505	0.494	0.493	0.498	0.497
Average	0.506	0.509	0.507	0.500	0.505	0.505	0.510	0.504	0.505	0.506	0.505
Max	0.508	0.513	0.511	0.508	0.514	0.515	0.520	0.510	0.516	0.514	0.515
UL	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530	0.530

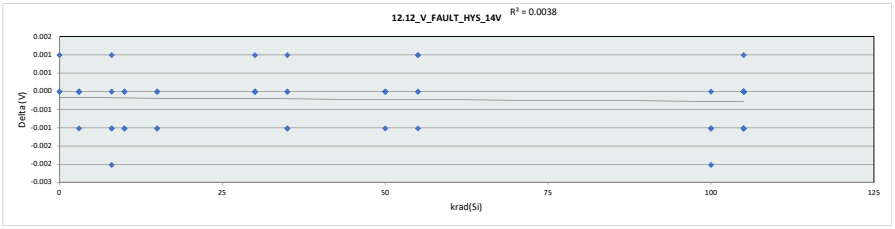


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

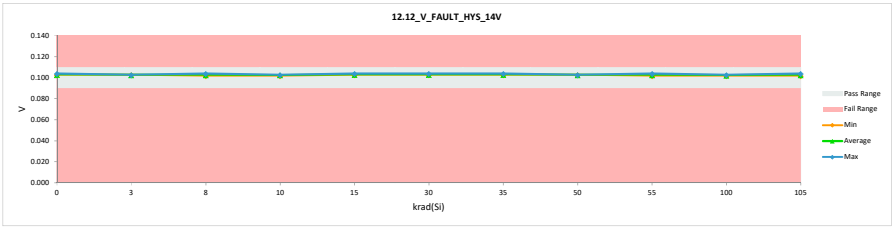
	12.12_V_FAULT_HYS_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.108	0.11
Min Limit	0.092	0.09

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.103	0.103	0.000
0	992	0.103	0.103	0.000
0	993	0.103	0.104	0.001
3	1	0.104	0.103	-0.001
3	2	0.103	0.103	0.000
3	3	0.103	0.103	0.000
3	4	0.103	0.103	0.000
3	5	0.103	0.103	0.000
8	6	0.104	0.102	-0.002
8	7	0.104	0.103	-0.001
8	8	0.103	0.103	0.000
8	9	0.103	0.104	0.001
8	10	0.104	0.103	-0.001
10	11	0.103	0.102	-0.001
10	12	0.103	0.103	0.000
10	13	0.103	0.103	0.000
10	14	0.103	0.103	0.000
10	15	0.104	0.103	-0.001
15	16	0.104	0.104	0.000
15	17	0.103	0.103	0.000
15	18	0.103	0.103	0.000
15	19	0.104	0.103	-0.001
15	20	0.104	0.103	-0.001
30	21	0.103	0.103	0.000
30	22	0.103	0.104	0.001
30	23	0.103	0.103	0.000
30	24	0.103	0.103	0.000
30	25	0.103	0.103	0.000
35	26	0.104	0.103	-0.001
35	27	0.103	0.104	0.001
35	28	0.103	0.103	0.000
35	29	0.104	0.103	-0.001
35	30	0.103	0.103	0.000
50	31	0.103	0.103	0.000
50	32	0.103	0.103	0.000
50	33	0.104	0.103	-0.001
50	34	0.103	0.103	0.000
50	35	0.103	0.103	0.000
55	36	0.102	0.103	0.001
55	37	0.103	0.104	0.001
55	38	0.103	0.103	0.000
55	39	0.103	0.103	0.000
55	40	0.103	0.102	-0.001
100	41	0.104	0.103	-0.001
100	42	0.104	0.102	-0.002
100	43	0.103	0.103	0.000
100	44	0.103	0.102	-0.001
100	45	0.104	0.103	-0.001
105	46	0.103	0.103	0.000
105	47	0.103	0.103	0.000
105	48	0.103	0.103	0.000
105	49	0.104	0.103	-0.001
105	50	0.103	0.103	0.000
105	51	0.103	0.103	0.000
105	52	0.103	0.103	0.000
105	53	0.103	0.103	0.000
105	54	0.103	0.103	0.000
105	55	0.103	0.103	0.000
105	56	0.104	0.103	-0.001
105	57	0.103	0.104	0.001
105	58	0.103	0.103	0.000
105	59	0.103	0.103	0.000
105	60	0.103	0.103	0.000
105	61	0.104	0.103	-0.001
105	62	0.103	0.103	0.000
105	63	0.103	0.102	-0.001
105	64	0.103	0.103	0.000
105	65	0.103	0.103	0.000
105	66	0.104	0.103	-0.001
105	67	0.103	0.103	0.000
	Max	0.104	0.104	0.001
	Average	0.103	0.103	0.000
	Min	0.102	0.102	-0.002
	Std Dev	0.000	0.000	0.001



	12.12_V_FAULT_HYS_14V	
Test Site		
Tester		
Test Number		
Max Limit	0.11	V
Min Limit	0.09	V

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090
Min	0.103	0.103	0.102	0.102	0.103	0.103	0.103	0.103	0.102	0.102	0.102
Average	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103
Max	0.104	0.103	0.104	0.103	0.104	0.104	0.104	0.103	0.104	0.103	0.104
UL	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110

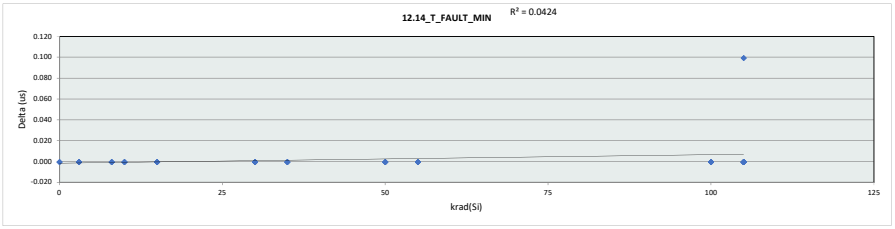


HDR TID Report
TPS7H5001-SP QMLP

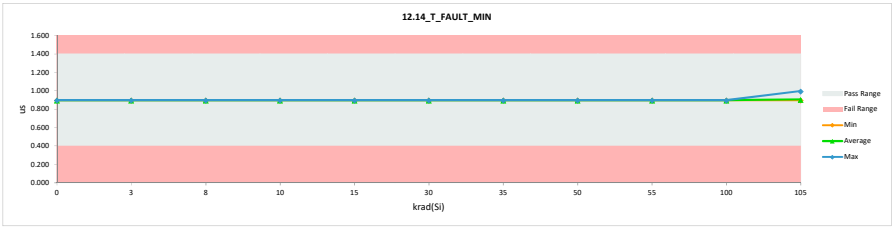
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	12.14_T_FAULT_MIN	
Test Site		
Tester		
Test Number		
Unit	us	us
Max Limit	1.2	1.4
Min Limit	0.6	0.4

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	0.900	0.900	0.000
0	992	0.900	0.900	0.000
0	993	0.900	0.900	0.000
3	1	0.900	0.900	0.000
3	2	0.900	0.900	0.000
3	3	0.900	0.900	0.000
3	4	0.900	0.900	0.000
3	5	0.900	0.900	0.000
8	6	0.900	0.900	0.000
8	7	0.900	0.900	0.000
8	8	0.900	0.900	0.000
8	9	0.900	0.900	0.000
8	10	0.900	0.900	0.000
10	11	0.900	0.900	0.000
10	12	0.900	0.900	0.000
10	13	0.900	0.900	0.000
10	14	0.900	0.900	0.000
10	15	0.900	0.900	0.000
15	16	0.900	0.900	0.000
15	17	0.900	0.900	0.000
15	18	0.900	0.900	0.000
15	19	0.900	0.900	0.000
15	20	0.900	0.900	0.000
30	21	0.900	0.900	0.000
30	22	0.900	0.900	0.000
30	23	0.900	0.900	0.000
30	24	0.900	0.900	0.000
30	25	0.900	0.900	0.000
35	26	0.900	0.900	0.000
35	27	0.900	0.900	0.000
35	28	0.900	0.900	0.000
35	29	0.900	0.900	0.000
35	30	0.900	0.900	0.000
50	31	0.900	0.900	0.000
50	32	0.900	0.900	0.000
50	33	0.900	0.900	0.000
50	34	0.900	0.900	0.000
50	35	0.900	0.900	0.000
55	36	0.900	0.900	0.000
55	37	0.900	0.900	0.000
55	38	0.900	0.900	0.000
55	39	0.900	0.900	0.000
55	40	0.900	0.900	0.000
100	41	0.900	0.900	0.000
100	42	0.900	0.900	0.000
100	43	0.900	0.900	0.000
100	44	0.900	0.900	0.000
100	45	0.900	0.900	0.000
105	46	0.900	0.900	0.000
105	47	0.900	0.900	0.000
105	48	0.900	0.900	0.000
105	49	0.900	0.900	0.000
105	50	0.900	0.900	0.000
105	51	0.900	0.900	0.000
105	52	0.900	0.900	0.000
105	53	0.900	0.900	0.000
105	54	0.900	1.000	0.100
105	55	0.900	0.900	0.000
105	56	0.900	0.900	0.000
105	57	0.900	0.900	0.000
105	58	0.900	0.900	0.000
105	59	0.900	0.900	0.000
105	60	0.900	0.900	0.000
105	61	0.900	0.900	0.000
105	62	0.900	0.900	0.000
105	63	0.900	0.900	0.000
105	64	0.900	0.900	0.000
105	65	0.900	1.000	0.100
105	66	0.900	0.900	0.000
105	67	0.900	0.900	0.000
	Max	0.900	1.000	0.100
	Average	0.900	0.903	0.003
	Min	0.900	0.900	0.000
	Std Dev	0.000	0.017	0.017



	12.14_T_FAULT_MIN										
Test Site											
Tester											
Test Number											
Max Limit	1.4	us									
Min Limit	0.4	us									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
Min	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900
Average	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.909
Max	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	1.000
UL	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400

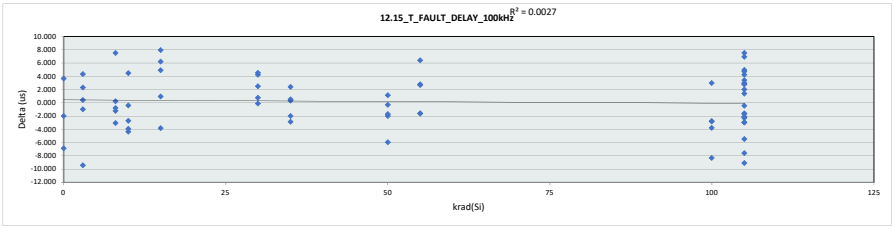


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

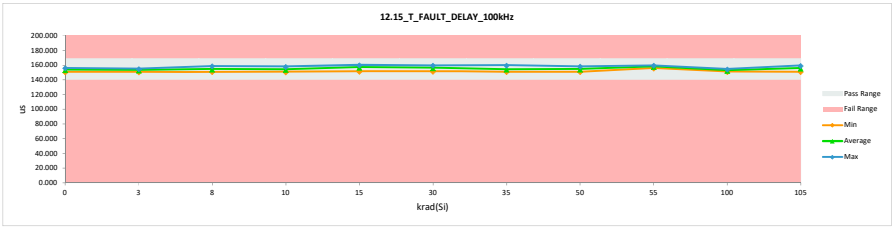
	12.15_T_FAULT_DELAY_100kHz	
Test Site		
Tester		
Test Number		
Unit	us	us
Max Limit	166	169
Min Limit	140	140

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	156.918	155.009	-1.909
0	992	157.662	150.910	-6.752
0	993	152.741	156.481	3.740
3	1	152.749	155.147	2.398
3	2	150.905	155.347	4.442
3	3	155.321	154.454	-0.867
3	4	160.380	151.059	-9.321
3	5	151.229	151.755	0.526
8	6	154.314	151.378	-2.936
8	7	152.397	151.267	-1.130
8	8	151.412	159.037	7.625
8	9	156.795	156.087	-0.708
8	10	156.054	156.368	0.314
10	11	153.836	158.394	4.558
10	12	153.263	152.962	-0.301
10	13	155.197	150.940	-4.257
10	14	158.256	154.458	-3.798
10	15	158.834	156.221	-2.613
15	16	151.588	157.912	6.324
15	17	155.720	152.016	-3.704
15	18	157.929	158.999	1.070
15	19	155.361	160.379	5.018
15	20	151.010	159.036	8.026
30	21	150.880	155.479	4.599
30	22	159.098	159.956	0.858
30	23	152.443	156.752	4.309
30	24	151.811	151.809	-0.002
30	25	156.463	159.055	2.592
35	26	157.734	160.227	2.493
35	27	156.868	157.272	0.404
35	28	153.550	151.648	-1.902
35	29	155.730	152.965	-2.765
35	30	150.598	151.199	0.601
50	31	156.809	154.922	-1.887
50	32	154.139	155.387	1.248
50	33	155.480	153.861	-1.619
50	34	157.067	151.211	-5.856
50	35	158.820	158.636	-0.184
55	36	156.662	159.455	2.793
55	37	157.721	156.231	-1.490
55	38	155.126	158.032	2.906
55	39	159.434	157.926	-1.508
55	40	153.463	159.954	6.491
100	41	155.147	151.470	-3.677
100	42	159.933	151.714	-8.219
100	43	151.741	154.828	3.087
100	44	156.708	154.024	-2.684
100	45	156.078	153.388	-2.690
105	46	152.724	156.225	3.501
105	47	154.809	159.138	4.329
105	48	159.312	151.839	-7.473
105	49	153.474	156.375	2.901
105	50	154.900	152.895	-2.005
105	51	151.785	154.714	2.929
105	52	154.463	156.569	2.106
105	53	157.732	159.213	1.481
105	54	160.371	157.525	-2.846
105	55	151.691	156.507	4.816
105	56	156.541	154.974	-1.567
105	57	154.622	159.689	5.067
105	58	159.585	159.257	-0.328
105	59	152.221	159.233	7.012
105	60	157.322	155.222	-2.100
105	61	157.187	155.705	-1.482
105	62	155.939	159.000	3.061
105	63	160.217	151.254	-8.963
105	64	160.274	154.904	-5.370
105	65	155.224	153.052	-2.172
105	66	156.330	153.462	-2.868
105	67	152.161	159.757	7.596
	Max	160.380	160.379	8.026
	Average	155.404	155.565	0.161
	Min	150.598	150.910	-9.321
	Std Dev	2.776	2.948	4.069



	12.15_T_FAULT_DELAY_100kHz	
Test Site		
Tester		
Test Number		
Max Limit	169	us
Min Limit	140	us

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	140.000	140.000	140.000	140.000	140.000	140.000	140.000	140.000	140.000	140.000	140.000
Min	150.910	151.059	151.267	150.940	152.016	151.809	151.199	151.211	156.231	151.470	151.254
Average	154.133	153.552	154.827	154.595	157.668	156.610	154.662	154.803	158.320	153.085	156.205
Max	156.481	155.347	159.037	158.394	160.379	159.956	160.227	158.636	159.954	154.828	159.757
UL	169.000	169.000	169.000	169.000	169.000	169.000	169.000	169.000	169.000	169.000	169.000

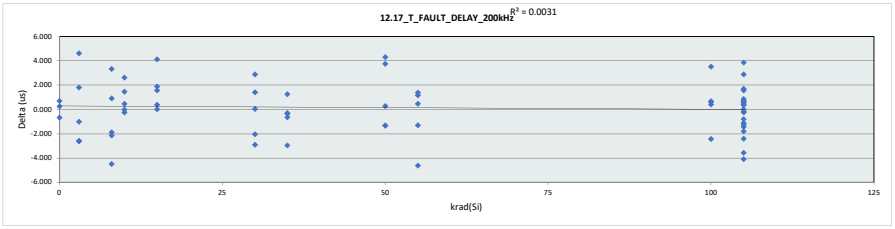


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

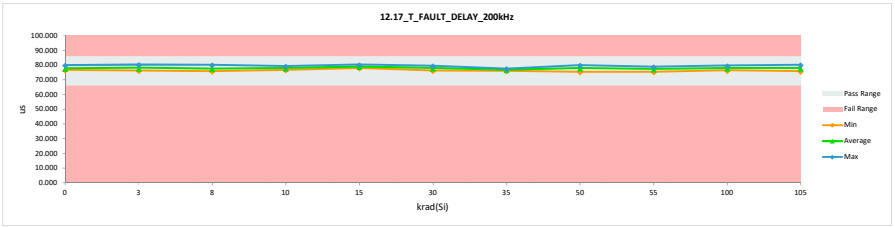
	12.17_T_FAULT_DELAY_200kHz	
Test Site		
Tester		
Test Number		
Unit	us	us
Max Limit	86	86
Min Limit	70	66

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	76.405	76.698	0.293
0	992	77.489	76.865	-0.624
0	993	79.307	80.070	0.763
3	1	79.578	78.612	-0.966
3	2	75.718	80.385	4.667
3	3	76.619	78.466	1.847
3	4	78.903	76.330	-2.573
3	5	79.589	77.061	-2.528
8	6	76.841	80.226	3.385
8	7	80.270	75.851	-4.419
8	8	79.997	77.908	-2.089
8	9	77.285	78.254	0.969
8	10	77.713	75.876	-1.837
10	11	76.802	78.321	1.519
10	12	77.138	77.181	0.043
10	13	76.955	76.769	-0.186
10	14	76.758	79.433	2.675
10	15	78.065	78.574	0.509
15	16	76.191	80.365	4.174
15	17	76.948	78.563	1.615
15	18	78.032	78.105	0.073
15	19	78.076	80.005	1.929
15	20	78.014	78.461	0.447
30	21	78.411	76.424	-1.987
30	22	79.479	79.560	0.081
30	23	80.306	77.466	-2.840
30	24	76.607	79.528	2.921
30	25	75.772	77.232	1.460
35	26	79.116	76.216	-2.900
35	27	76.025	77.325	1.300
35	28	76.416	76.113	-0.303
35	29	77.976	77.727	-0.249
35	30	77.902	77.322	-0.580
50	31	75.667	80.013	4.346
50	32	76.749	75.477	-1.272
50	33	79.073	77.795	-1.278
50	34	75.811	79.618	3.807
50	35	77.354	77.696	0.342
55	36	77.113	78.326	1.213
55	37	80.050	75.492	-4.558
55	38	76.654	77.155	0.501
55	39	75.782	77.210	1.428
55	40	80.143	78.898	-1.245
100	41	78.842	79.525	0.683
100	42	76.159	79.718	3.559
100	43	79.464	77.085	-2.379
100	44	75.719	76.438	0.719
100	45	77.301	77.758	0.457
105	46	76.670	77.421	0.751
105	47	75.538	76.297	0.759
105	48	77.590	79.208	1.618
105	49	80.391	76.362	-4.029
105	50	79.184	79.800	0.616
105	51	79.977	77.616	-2.361
105	52	78.782	77.034	-1.748
105	53	75.626	79.524	3.898
105	54	77.026	75.958	-1.068
105	55	79.131	78.970	-0.161
105	56	76.268	78.005	1.737
105	57	79.848	80.330	0.482
105	58	80.332	79.581	-0.751
105	59	79.932	79.993	0.061
105	60	77.169	80.097	2.928
105	61	78.330	78.736	0.406
105	62	77.093	75.897	-1.196
105	63	78.118	79.026	0.908
105	64	79.073	77.696	-1.377
105	65	79.453	75.930	-3.523
105	66	76.479	76.317	-0.162
105	67	78.828	78.699	-0.129
	Max	80.391	80.385	4.667
	Average	77.849	78.000	0.151
	Min	75.538	75.477	-4.558
	Std Dev	1.479	1.432	2.093



	12.17_T_FAULT_DELAY_200kHz	
Test Site		
Tester		
Test Number		
Max Limit	86	us
Min Limit	66	us

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	66.000	66.000	66.000	66.000	66.000	66.000	66.000	66.000	66.000	66.000	66.000
Min	76.698	76.330	75.851	76.769	78.105	76.424	76.113	75.477	75.492	76.438	75.897
Average	77.878	78.171	77.623	78.056	79.100	78.042	76.941	78.120	77.416	78.105	78.114
Max	80.070	80.385	80.226	79.433	80.365	79.560	77.727	80.013	78.898	79.718	80.330
UL	86.000	86.000	86.000	86.000	86.000	86.000	86.000	86.000	86.000	86.000	86.000

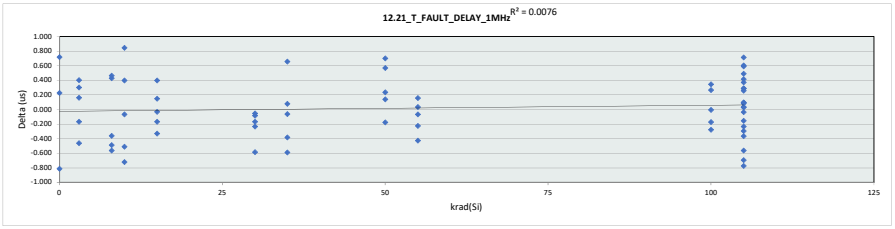


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

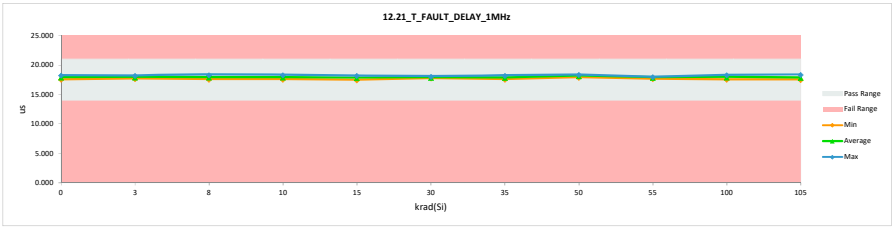
	12.21_T_FAULT_DELAY_1MHz	
Test Site		
Tester		
Test Number		
Unit	us	us
Max Limit	21	21
Min Limit	14	14

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	17.825	18.058	0.233
0	992	18.407	17.601	-0.806
0	993	17.591	18.318	0.727
3	1	17.566	17.735	0.169
3	2	17.844	18.255	0.411
3	3	17.938	18.246	0.308
3	4	18.112	17.954	-0.158
3	5	18.325	17.871	-0.454
8	6	17.908	18.378	0.470
8	7	18.217	17.864	-0.353
8	8	17.776	18.211	0.435
8	9	18.353	17.798	-0.555
8	10	18.102	17.623	-0.479
10	11	18.336	17.626	-0.710
10	12	18.226	17.726	-0.500
10	13	17.991	18.397	0.406
10	14	17.516	18.369	0.853
10	15	17.820	17.760	-0.060
15	16	17.644	18.049	0.405
15	17	17.835	17.677	-0.158
15	18	17.857	17.533	-0.324
15	19	18.273	18.249	-0.024
15	20	17.781	17.935	0.154
30	21	18.455	17.879	-0.576
30	22	17.904	17.827	-0.077
30	23	18.159	18.113	-0.046
30	24	18.065	17.907	-0.158
30	25	18.255	18.029	-0.226
35	26	17.785	17.872	0.087
35	27	18.364	17.991	-0.373
35	28	18.453	17.873	-0.580
35	29	17.605	18.269	0.664
35	30	17.675	17.619	-0.056
50	31	18.302	18.135	-0.167
50	32	17.541	18.249	0.708
50	33	18.170	18.315	0.145
50	34	17.831	18.409	0.578
50	35	17.705	17.950	0.245
55	36	17.769	17.708	-0.061
55	37	18.226	18.010	-0.216
55	38	17.994	18.035	0.041
55	39	17.867	18.030	0.163
55	40	18.351	17.932	-0.419
100	41	18.014	18.366	0.352
100	42	17.807	18.082	0.275
100	43	18.225	17.956	-0.269
100	44	18.237	18.072	-0.165
100	45	17.594	17.595	0.001
105	46	17.775	18.040	0.265
105	47	17.623	17.727	0.104
105	48	17.797	17.767	-0.030
105	49	18.268	17.582	-0.686
105	50	17.642	18.141	0.499
105	51	18.131	17.844	-0.287
105	52	18.370	18.014	-0.356
105	53	17.522	17.626	0.104
105	54	17.572	17.952	0.380
105	55	17.994	17.849	-0.145
105	56	18.178	17.624	-0.554
105	57	17.567	17.864	0.297
105	58	17.653	18.374	0.721
105	59	18.430	17.666	-0.764
105	60	17.866	18.163	0.297
105	61	17.545	18.145	0.600
105	62	17.528	17.949	0.421
105	63	17.834	17.873	0.039
105	64	17.864	17.953	0.089
105	65	17.949	17.725	-0.224
105	66	17.698	18.309	0.611
105	67	18.406	18.446	0.040
	Max	18.455	18.446	0.853
	Average	17.954	17.973	0.018
	Min	17.516	17.533	-0.806
	Std Dev	0.289	0.247	0.406



	12.21_T_FAULT_DELAY_1MHz	
Test Site		
Tester		
Test Number		
Max Limit	21	us
Min Limit	14	us

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000
Min	17.601	17.735	17.623	17.626	17.533	17.827	17.619	17.950	17.708	17.595	17.582
Average	17.992	18.012	17.975	17.976	17.889	17.951	17.925	18.212	17.943	18.014	17.938
Max	18.318	18.255	18.378	18.397	18.249	18.113	18.269	18.409	18.035	18.366	18.446
UL	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000

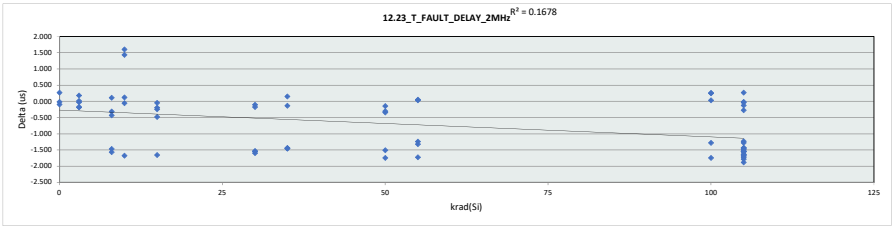


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

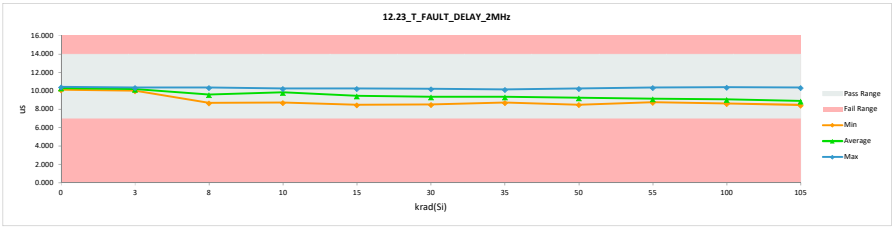
	12.23_T_FAULT_DELAY_2MHz	
Test Site		
Tester		
Test Number		
Unit	us	us
Max Limit	14	14
Min Limit	7	7

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	10.445	10.448	0.003
0	992	10.197	10.120	-0.077
0	993	10.116	10.408	0.292
3	1	10.087	10.289	0.202
3	2	10.345	10.184	-0.161
3	3	10.381	10.212	-0.169
3	4	10.011	10.005	-0.006
3	5	10.341	10.371	0.030
8	6	10.466	10.055	-0.411
8	7	10.228	8.684	-1.544
8	8	10.237	10.364	0.127
8	9	10.356	8.909	-1.447
8	10	10.336	10.040	-0.296
10	11	10.406	8.747	-1.659
10	12	10.088	10.049	-0.039
10	13	10.139	10.278	0.139
10	14	8.509	10.124	1.615
10	15	8.586	10.040	1.454
15	16	8.666	8.493	-0.173
15	17	10.285	8.647	-1.638
15	18	10.223	10.002	-0.221
15	19	10.304	10.272	-0.032
15	20	10.441	9.981	-0.460
30	21	10.026	8.509	-1.517
30	22	10.471	8.898	-1.573
30	23	10.268	10.182	-0.086
30	24	10.395	10.239	-0.156
30	25	10.423	8.905	-1.518
35	26	10.176	8.748	-1.428
35	27	10.367	8.952	-1.415
35	28	10.396	8.959	-1.437
35	29	10.139	10.020	-0.119
35	30	10.008	10.174	0.166
50	31	10.281	8.794	-1.487
50	32	10.403	10.272	-0.131
50	33	10.288	10.002	-0.286
50	34	8.827	8.506	-0.321
50	35	10.421	8.694	-1.727
55	36	10.264	8.967	-1.297
55	37	10.100	8.883	-1.217
55	38	8.799	8.868	0.069
55	39	10.460	8.753	-1.707
55	40	10.307	10.360	0.053
100	41	10.408	8.679	-1.729
100	42	8.544	8.818	0.274
100	43	10.150	10.415	0.265
100	44	8.559	8.614	0.055
100	45	10.122	8.865	-1.257
105	46	10.339	8.672	-1.667
105	47	10.325	8.790	-1.535
105	48	10.368	8.896	-1.472
105	49	10.455	8.589	-1.866
105	50	10.086	10.374	0.288
105	51	10.191	8.574	-1.617
105	52	8.534	8.513	-0.021
105	53	10.077	8.655	-1.422
105	54	10.412	8.700	-1.712
105	55	10.305	8.685	-1.620
105	56	10.458	8.806	-1.652
105	57	10.159	8.945	-1.214
105	58	10.437	10.330	-0.107
105	59	10.058	8.800	-1.258
105	60	10.028	10.027	-0.001
105	61	10.074	8.655	-1.419
105	62	8.727	8.469	-0.258
105	63	10.429	8.667	-1.762
105	64	10.075	8.556	-1.519
105	65	10.058	8.643	-1.415
105	66	10.290	8.773	-1.517
105	67	10.461	8.934	-1.527
	Max	10.471	10.448	1.615
	Average	10.059	9.341	-0.718
	Min	8.509	8.469	-1.866
	Std Dev	0.567	0.738	0.849



	12.23_T_FAULT_DELAY_2MHz	
Test Site		
Tester		
Test Number		
Max Limit	14	us
Min Limit	7	us

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
Min	10.120	10.005	8.684	8.747	8.493	8.509	8.748	8.506	8.753	8.614	8.469
Average	10.325	10.212	9.610	9.848	9.479	9.347	9.371	9.254	9.166	9.078	8.912
Max	10.448	10.371	10.364	10.278	10.272	10.239	10.174	10.272	10.360	10.415	10.374
UL	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000

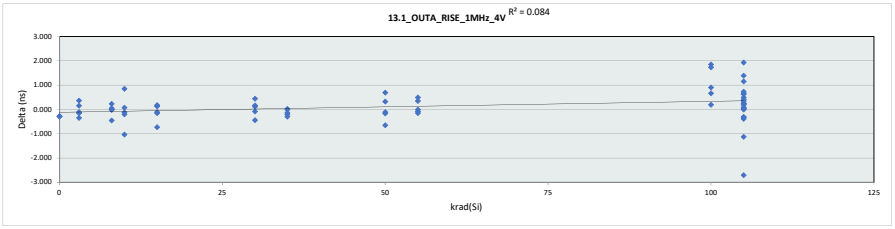


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

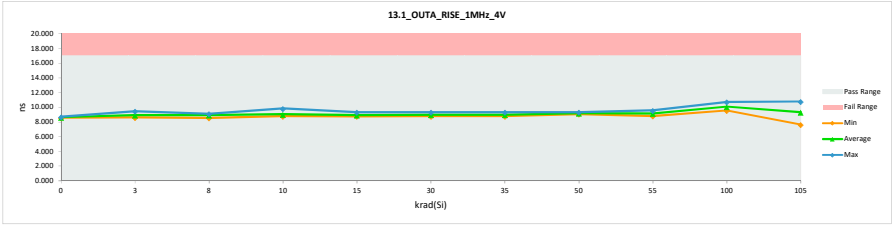
	13.1_OUTA_RISE_1MHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.843	8.581	-0.262
0	992	8.906	8.651	-0.255
0	993	8.972	8.713	-0.259
3	1	8.753	8.625	-0.128
3	2	8.881	9.056	0.175
3	3	8.932	8.845	-0.087
3	4	9.098	8.782	-0.316
3	5	9.066	9.457	0.391
8	6	8.836	8.908	0.072
8	7	8.995	8.566	-0.429
8	8	8.853	9.111	0.258
8	9	9.015	9.050	0.035
8	10	9.043	9.044	0.001
10	11	9.088	8.986	-0.102
10	12	8.712	8.814	0.102
10	13	8.969	8.795	-0.174
10	14	8.959	9.839	0.880
10	15	9.815	8.815	-1.000
15	16	9.485	8.785	-0.700
15	17	8.708	8.917	0.209
15	18	8.905	8.775	-0.130
15	19	9.185	9.343	0.158
15	20	9.017	8.926	-0.091
30	21	8.665	9.136	0.471
30	22	8.868	8.803	-0.065
30	23	9.204	9.342	0.138
30	24	9.265	8.857	-0.408
30	25	8.669	8.857	0.188
35	26	9.063	8.792	-0.271
35	27	8.911	8.797	-0.114
35	28	8.784	8.831	0.047
35	29	9.509	9.327	-0.182
35	30	9.193	9.207	0.014
50	31	8.909	9.254	0.345
50	32	9.705	9.083	-0.622
50	33	9.240	9.097	-0.143
50	34	8.627	9.346	0.719
50	35	9.350	9.259	-0.091
55	36	9.270	9.206	-0.064
55	37	9.117	8.993	-0.124
55	38	9.062	9.577	0.515
55	39	8.797	8.823	0.026
55	40	8.831	9.208	0.377
100	41	9.473	9.695	0.222
100	42	8.823	9.753	0.930
100	43	8.866	9.562	0.696
100	44	8.986	10.738	1.752
100	45	8.838	10.708	1.870
105	46	9.408	9.106	-0.302
105	47	8.943	9.219	0.276
105	48	9.211	9.231	0.020
105	49	8.691	9.214	0.523
105	50	9.247	9.330	0.083
105	51	8.849	9.605	0.756
105	52	8.774	8.886	0.112
105	53	9.334	9.613	0.279
105	54	8.763	7.665	-1.098
105	55	8.829	10.783	1.954
105	56	9.378	10.023	0.645
105	57	9.184	8.818	-0.366
105	58	11.743	9.072	-2.671
105	59	8.992	9.684	0.692
105	60	8.947	9.324	0.377
105	61	8.816	8.893	0.077
105	62	8.912	9.130	0.218
105	63	9.287	9.730	0.443
105	64	8.838	10.258	1.420
105	65	9.241	8.965	-0.276
105	66	8.693	9.866	1.173
105	67	9.066	9.312	0.246
	Max	11.743	10.783	1.954
	Average	9.060	9.191	0.131
	Min	8.627	7.665	-2.671
	Std Dev	0.412	0.520	0.662



	13.1_OUTA_RISE_1MHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.581	8.625	8.566	8.795	8.775	8.803	8.792	9.083	8.823	9.562	7.665
Average	8.648	8.953	8.936	9.050	8.949	8.999	8.991	9.208	9.161	10.091	9.351
Max	8.713	9.457	9.111	9.839	9.343	9.342	9.327	9.346	9.577	10.738	10.783
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

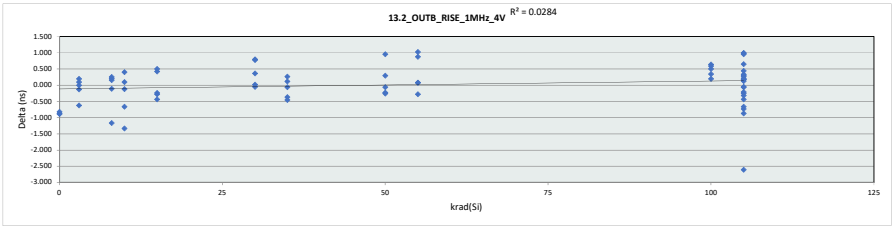


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

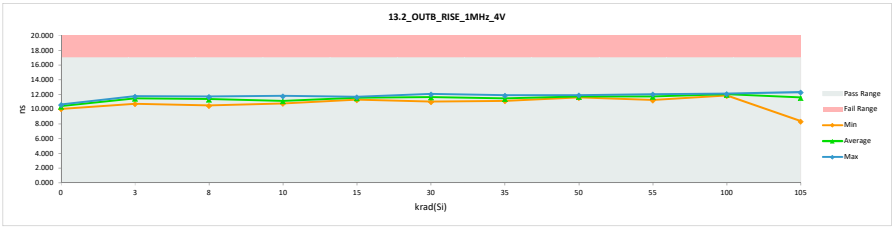
	13.2_OUTB_RISE_1MHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	11.434	10.558	-0.876
0	992	10.925	10.073	-0.852
0	993	11.464	10.660	-0.804
3	1	11.377	10.771	-0.606
3	2	11.698	11.717	0.019
3	3	11.568	11.779	0.211
3	4	11.607	11.489	-0.118
3	5	11.663	11.777	0.114
8	6	11.735	11.642	-0.093
8	7	11.685	10.532	-1.153
8	8	11.386	11.656	0.270
8	9	11.522	11.746	0.224
8	10	11.277	11.446	0.169
10	11	11.701	11.818	0.117
10	12	10.416	10.835	0.419
10	13	11.457	10.811	-0.646
10	14	11.606	11.507	-0.099
10	15	12.122	10.809	-1.313
15	16	11.895	11.671	-0.224
15	17	10.998	11.512	0.514
15	18	11.256	11.698	0.442
15	19	11.876	11.619	-0.257
15	20	11.723	11.306	-0.417
30	21	11.263	12.081	0.818
30	22	10.686	11.062	0.376
30	23	11.748	11.786	0.038
30	24	11.841	11.810	-0.031
30	25	10.881	11.672	0.791
35	26	11.332	11.616	0.284
35	27	11.507	11.159	-0.348
35	28	11.279	11.239	-0.040
35	29	11.805	11.937	0.132
35	30	11.948	11.513	-0.435
50	31	11.637	11.947	0.310
50	32	11.883	11.675	-0.208
50	33	11.871	11.625	-0.246
50	34	10.779	11.752	0.973
50	35	11.833	11.788	-0.045
55	36	11.823	11.918	0.095
55	37	11.538	11.276	-0.262
55	38	11.777	11.872	0.095
55	39	10.801	11.691	0.890
55	40	11.032	12.070	1.038
100	41	11.282	11.885	0.603
100	42	11.478	12.130	0.652
100	43	11.785	11.996	0.211
100	44	11.633	12.146	0.513
100	45	11.758	12.119	0.361
105	46	11.651	11.968	0.317
105	47	11.380	11.835	0.455
105	48	12.029	11.800	-0.229
105	49	10.779	11.794	1.015
105	50	11.563	11.785	0.222
105	51	11.646	11.998	0.352
105	52	11.532	10.680	-0.852
105	53	11.999	11.805	-0.194
105	54	10.976	8.387	-2.589
105	55	11.358	12.332	0.974
105	56	11.908	12.100	0.192
105	57	11.368	11.322	-0.046
105	58	12.321	11.602	-0.719
105	59	11.768	12.046	0.278
105	60	12.523	11.880	-0.643
105	61	11.133	11.801	0.668
105	62	11.375	11.075	-0.300
105	63	11.769	11.957	0.188
105	64	11.121	12.119	0.998
105	65	11.905	11.481	-0.424
105	66	11.568	11.710	0.142
105	67	11.921	11.886	-0.035
	Max	12.523	12.332	1.038
	Average	11.531	11.551	0.020
	Min	10.416	8.387	-2.589
	Std Dev	0.391	0.597	0.615



	13.2_OUTB_RISE_1MHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	10.073	10.771	10.532	10.809	11.306	11.062	11.159	11.625	11.276	11.885	8.387
Average	10.430	11.507	11.404	11.156	11.561	11.682	11.493	11.757	11.765	12.055	11.607
Max	10.660	11.779	11.746	11.818	11.698	12.081	11.937	11.947	12.070	12.146	12.332
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

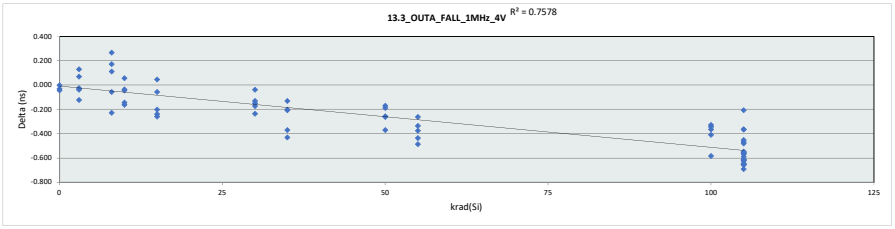


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

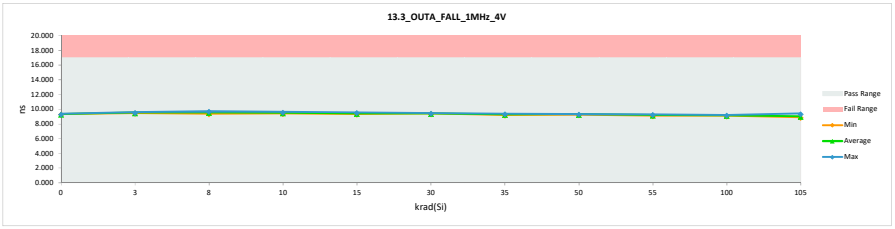
	13.3_OUTA_FALL_1MHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	9.400	9.361	-0.039
0	992	9.328	9.332	0.004
0	993	9.357	9.331	-0.026
3	1	9.501	9.575	0.074
3	2	9.528	9.494	-0.034
3	3	9.602	9.583	-0.019
3	4	9.585	9.468	-0.117
3	5	9.437	9.573	0.136
8	6	9.470	9.587	0.117
8	7	9.591	9.370	-0.221
8	8	9.451	9.722	0.271
8	9	9.464	9.642	0.178
8	10	9.538	9.487	-0.051
10	11	9.561	9.622	0.061
10	12	9.623	9.467	-0.156
10	13	9.480	9.441	-0.039
10	14	9.521	9.491	-0.030
10	15	9.653	9.516	-0.137
15	16	9.684	9.450	-0.234
15	17	9.536	9.340	-0.196
15	18	9.523	9.575	0.052
15	19	9.508	9.457	-0.051
15	20	9.655	9.400	-0.255
30	21	9.642	9.411	-0.231
30	22	9.576	9.410	-0.166
30	23	9.495	9.462	-0.033
30	24	9.603	9.460	-0.143
30	25	9.560	9.435	-0.125
35	26	9.509	9.309	-0.200
35	27	9.506	9.311	-0.195
35	28	9.640	9.216	-0.424
35	29	9.509	9.385	-0.124
35	30	9.632	9.267	-0.365
50	31	9.461	9.296	-0.165
50	32	9.526	9.344	-0.182
50	33	9.584	9.334	-0.250
50	34	9.520	9.264	-0.256
50	35	9.710	9.347	-0.363
55	36	9.675	9.194	-0.481
55	37	9.496	9.166	-0.330
55	38	9.653	9.283	-0.370
55	39	9.543	9.114	-0.429
55	40	9.537	9.281	-0.256
100	41	9.510	9.105	-0.405
100	42	9.502	9.179	-0.323
100	43	9.578	9.220	-0.358
100	44	9.479	9.140	-0.339
100	45	9.699	9.121	-0.578
105	46	9.588	8.941	-0.647
105	47	9.581	9.032	-0.549
105	48	9.581	8.966	-0.615
105	49	9.574	8.971	-0.603
105	50	9.624	8.986	-0.638
105	51	9.592	8.986	-0.606
105	52	9.596	9.122	-0.474
105	53	9.629	8.943	-0.686
105	54	9.607	9.407	-0.200
105	55	9.491	9.131	-0.360
105	56	9.717	9.071	-0.646
105	57	9.562	9.022	-0.540
105	58	9.577	8.925	-0.652
105	59	9.646	8.997	-0.649
105	60	9.558	9.097	-0.461
105	61	9.462	9.104	-0.358
105	62	9.562	9.000	-0.562
105	63	9.648	9.030	-0.618
105	64	9.489	9.043	-0.446
105	65	9.586	9.027	-0.559
105	66	9.578	8.995	-0.583
105	67	9.598	9.048	-0.550
	Max	9.717	9.722	0.271
	Average	9.557	9.274	-0.283
	Min	9.328	8.925	-0.686
	Std Dev	0.079	0.210	0.243



	13.3_OUTA_FALL_1MHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	9.331	9.468	9.370	9.441	9.340	9.410	9.216	9.264	9.114	9.105	8.925
Average	9.341	9.539	9.562	9.507	9.444	9.436	9.298	9.317	9.208	9.153	9.038
Max	9.361	9.583	9.722	9.622	9.575	9.462	9.385	9.347	9.283	9.220	9.407
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

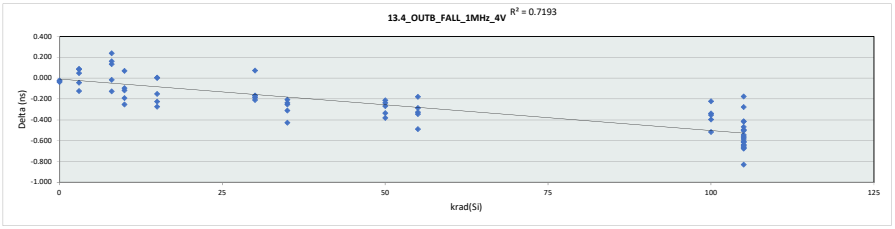


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

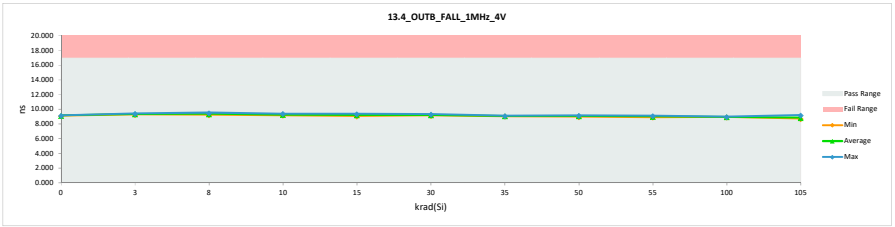
	13.4_OUTB_FALL_1MHz_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	9.206	9.191	-0.015
0	992	9.159	9.136	-0.023
0	993	9.220	9.188	-0.032
3	1	9.358	9.451	0.093
3	2	9.295	9.349	0.054
3	3	9.391	9.352	-0.039
3	4	9.440	9.323	-0.117
3	5	9.312	9.402	0.090
8	6	9.275	9.414	0.139
8	7	9.380	9.259	-0.121
8	8	9.297	9.541	0.244
8	9	9.258	9.426	0.168
8	10	9.350	9.341	-0.009
10	11	9.353	9.428	0.075
10	12	9.452	9.205	-0.247
10	13	9.302	9.212	-0.090
10	14	9.423	9.313	-0.110
10	15	9.456	9.271	-0.185
15	16	9.425	9.281	-0.144
15	17	9.299	9.081	-0.218
15	18	9.378	9.391	0.013
15	19	9.270	9.278	0.008
15	20	9.453	9.185	-0.268
30	21	9.433	9.270	-0.163
30	22	9.350	9.169	-0.181
30	23	9.274	9.353	0.079
30	24	9.425	9.264	-0.161
30	25	9.406	9.204	-0.202
35	26	9.396	9.149	-0.247
35	27	9.327	9.126	-0.201
35	28	9.494	9.072	-0.422
35	29	9.377	9.147	-0.230
35	30	9.397	9.093	-0.304
50	31	9.317	9.112	-0.205
50	32	9.370	9.140	-0.230
50	33	9.404	9.141	-0.263
50	34	9.392	9.018	-0.374
50	35	9.514	9.185	-0.329
55	36	9.465	8.982	-0.483
55	37	9.353	9.073	-0.280
55	38	9.466	9.129	-0.337
55	39	9.264	8.945	-0.319
55	40	9.297	9.123	-0.174
100	41	9.317	8.969	-0.348
100	42	9.295	8.962	-0.333
100	43	9.392	9.002	-0.390
100	44	9.221	9.004	-0.217
100	45	9.494	8.984	-0.510
105	46	9.421	8.758	-0.663
105	47	9.349	8.850	-0.499
105	48	9.399	8.767	-0.632
105	49	9.302	8.764	-0.538
105	50	9.495	8.824	-0.671
105	51	9.403	8.804	-0.599
105	52	9.371	8.962	-0.409
105	53	9.452	8.792	-0.660
105	54	9.402	9.231	-0.171
105	55	9.346	8.938	-0.408
105	56	9.442	8.836	-0.606
105	57	9.391	8.783	-0.608
105	58	9.379	8.801	-0.578
105	59	9.420	8.774	-0.646
105	60	9.768	8.944	-0.824
105	61	9.207	8.935	-0.272
105	62	9.395	8.845	-0.550
105	63	9.482	8.847	-0.635
105	64	9.385	8.892	-0.493
105	65	9.369	8.880	-0.489
105	66	9.343	8.882	-0.461
105	67	9.436	8.871	-0.565
	Max	9.768	9.541	0.244
	Average	9.374	9.094	-0.279
	Min	9.159	8.758	-0.824
	Std Dev	0.091	0.208	0.245



	13.4_OUTB_FALL_1MHz_4V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	9.136	9.323	9.259	9.205	9.081	9.169	9.072	9.018	8.945	8.962	8.758
Average	9.172	9.375	9.396	9.286	9.243	9.252	9.117	9.119	9.050	8.984	8.863
Max	9.191	9.451	9.541	9.428	9.391	9.353	9.149	9.185	9.129	9.004	9.231
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

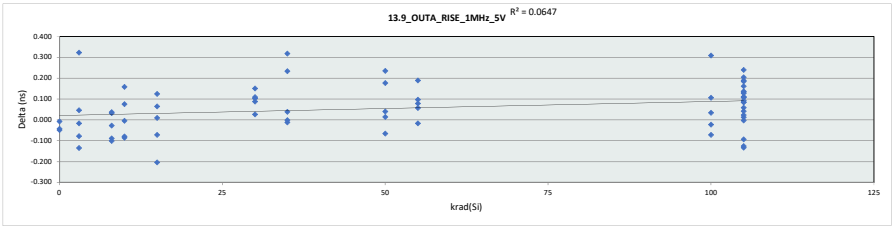


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

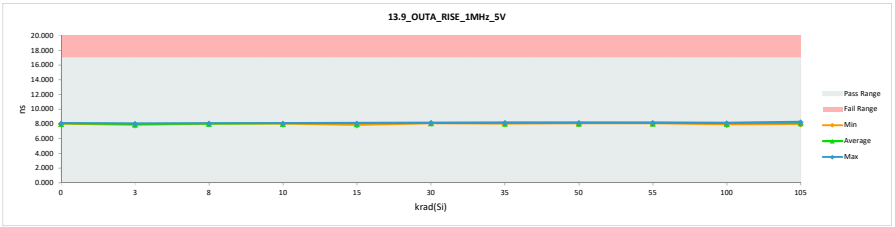
	13.9_OUTA_RISE_1MHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.026	8.021	-0.005
0	992	8.140	8.094	-0.046
0	993	8.169	8.129	-0.040
3	1	7.754	8.079	0.325
3	2	8.047	8.034	-0.013
3	3	8.014	7.882	-0.132
3	4	8.071	7.996	-0.075
3	5	7.922	7.972	0.050
8	6	8.105	8.141	0.036
8	7	8.132	8.034	-0.098
8	8	8.086	8.126	0.040
8	9	8.061	8.037	-0.024
8	10	8.125	8.040	-0.085
10	11	8.155	8.078	-0.077
10	12	8.137	8.135	-0.002
10	13	7.934	8.095	0.161
10	14	7.940	8.019	0.079
10	15	8.205	8.122	-0.083
15	16	7.995	8.122	0.127
15	17	8.080	7.879	-0.201
15	18	8.067	8.134	0.067
15	19	8.102	8.115	0.013
15	20	8.126	8.057	-0.069
30	21	8.125	8.154	0.029
30	22	8.011	8.117	0.106
30	23	7.972	8.125	0.153
30	24	8.126	8.217	0.091
30	25	8.058	8.170	0.112
35	26	7.924	8.161	0.237
35	27	8.114	8.156	0.042
35	28	8.116	8.118	0.002
35	29	8.053	8.044	-0.009
35	30	7.896	8.217	0.321
50	31	8.002	8.182	0.180
50	32	7.966	8.204	0.238
50	33	8.142	8.185	0.043
50	34	8.052	8.069	0.017
50	35	8.125	8.062	-0.063
55	36	8.036	8.228	0.192
55	37	8.041	8.123	0.082
55	38	8.064	8.124	0.060
55	39	8.107	8.094	-0.013
55	40	8.081	8.181	0.100
100	41	7.999	7.930	-0.069
100	42	8.066	8.175	0.109
100	43	8.116	8.153	0.037
100	44	7.848	8.159	0.311
100	45	8.133	8.113	-0.020
105	46	8.085	8.180	0.095
105	47	8.054	8.246	0.192
105	48	8.134	8.195	0.061
105	49	8.083	8.193	0.110
105	50	8.073	8.237	0.164
105	51	8.170	8.282	0.112
105	52	8.114	8.202	0.088
105	53	8.165	8.042	-0.123
105	54	8.119	7.989	-0.130
105	55	8.076	8.319	0.243
105	56	7.992	8.123	0.131
105	57	8.172	8.187	0.015
105	58	8.278	8.187	-0.091
105	59	8.136	8.162	0.026
105	60	8.119	8.206	0.087
105	61	8.024	8.212	0.188
105	62	7.976	8.116	0.140
105	63	8.044	8.157	0.113
105	64	8.037	8.244	0.207
105	65	8.157	8.157	0.000
105	66	8.021	8.066	0.045
105	67	8.092	8.228	0.136
	Max	8.278	8.319	0.325
	Average	8.067	8.125	0.058
	Min	7.754	7.879	-0.201
	Std Dev	0.086	0.087	0.113



	13.9_OUTA_RISE_1MHz_5V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.021	7.882	8.034	8.019	7.879	8.117	8.044	8.062	8.094	7.930	7.989
Average	8.081	7.993	8.076	8.090	8.061	8.157	8.139	8.140	8.150	8.106	8.179
Max	8.129	8.079	8.141	8.135	8.134	8.217	8.217	8.204	8.228	8.175	8.319
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

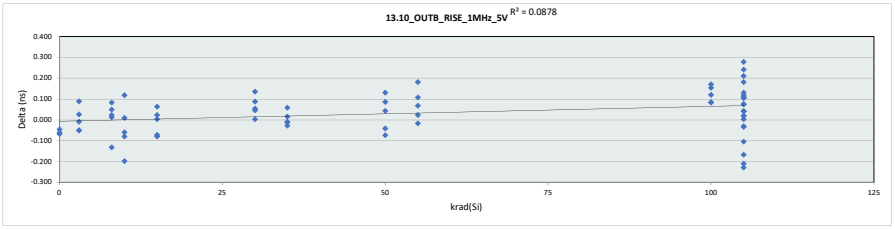


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

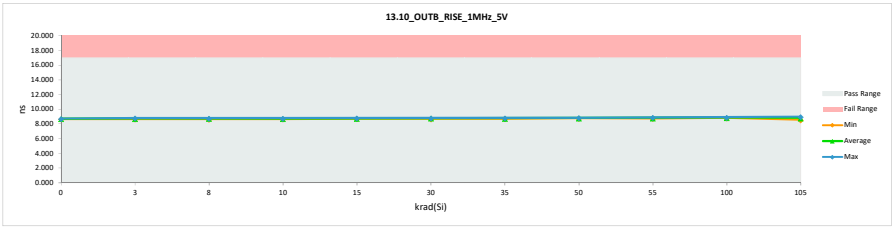
	13.10_OUTB_RISE_1MHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.791	8.748	-0.043
0	992	8.755	8.691	-0.064
0	993	8.784	8.726	-0.058
3	1	8.699	8.693	-0.006
3	2	8.719	8.811	0.092
3	3	8.751	8.704	-0.047
3	4	8.777	8.729	-0.048
3	5	8.784	8.814	0.030
8	6	8.751	8.778	0.027
8	7	8.800	8.672	-0.128
8	8	8.709	8.795	0.086
8	9	8.746	8.799	0.053
8	10	8.765	8.781	0.016
10	11	8.827	8.751	-0.076
10	12	8.610	8.732	0.122
10	13	8.750	8.693	-0.057
10	14	8.773	8.785	0.012
10	15	8.910	8.715	-0.195
15	16	8.833	8.757	-0.076
15	17	8.687	8.753	0.066
15	18	8.744	8.751	0.007
15	19	8.787	8.814	0.027
15	20	8.806	8.737	-0.069
30	21	8.744	8.835	0.091
30	22	8.666	8.715	0.049
30	23	8.769	8.826	0.057
30	24	8.827	8.834	0.007
30	25	8.684	8.823	0.139
35	26	8.729	8.791	0.062
35	27	8.746	8.737	-0.009
35	28	8.736	8.754	0.018
35	29	8.836	8.812	-0.024
35	30	8.759	8.753	-0.006
50	31	8.765	8.854	0.089
50	32	8.848	8.810	-0.038
50	33	8.860	8.789	-0.071
50	34	8.688	8.822	0.134
50	35	8.820	8.866	0.046
55	36	8.834	8.905	0.071
55	37	8.791	8.777	-0.014
55	38	8.760	8.870	0.110
55	39	8.735	8.761	0.026
55	40	8.716	8.901	0.185
100	41	8.751	8.838	0.087
100	42	8.761	8.884	0.123
100	43	8.782	8.868	0.086
100	44	8.756	8.930	0.174
100	45	8.761	8.918	0.157
105	46	8.794	8.817	0.023
105	47	8.750	8.872	0.122
105	48	8.796	8.818	0.022
105	49	8.667	8.851	0.184
105	50	8.766	8.810	0.044
105	51	8.808	8.918	0.110
105	52	8.807	8.582	-0.225
105	53	8.865	8.834	-0.031
105	54	8.718	8.932	0.214
105	55	8.734	9.015	0.281
105	56	8.808	8.915	0.107
105	57	8.733	8.739	0.006
105	58	8.953	8.789	-0.164
105	59	8.793	8.872	0.079
105	60	9.079	8.872	-0.207
105	61	8.728	8.862	0.134
105	62	8.778	8.677	-0.101
105	63	8.820	8.898	0.078
105	64	8.719	8.963	0.244
105	65	8.805	8.777	-0.028
105	66	8.717	8.829	0.112
105	67	8.824	8.868	0.044
	Max	9.079	9.015	0.281
	Average	8.773	8.806	0.032
	Min	8.610	8.582	-0.225
	Std Dev	0.067	0.078	0.101



	13.10_OUTB_RISE_1MHz_5V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.691	8.693	8.672	8.693	8.737	8.715	8.737	8.789	8.761	8.838	8.582
Average	8.722	8.750	8.765	8.735	8.762	8.807	8.769	8.828	8.843	8.888	8.841
Max	8.748	8.814	8.799	8.785	8.814	8.835	8.812	8.866	8.905	8.930	9.015
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

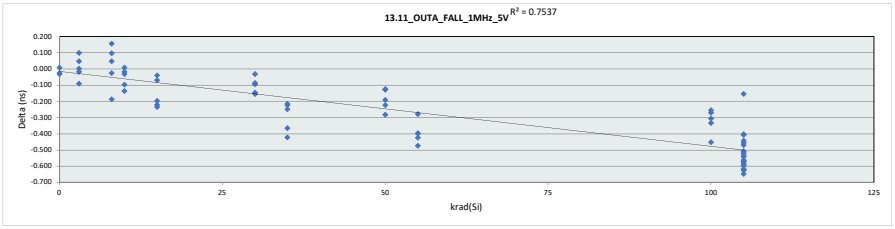


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

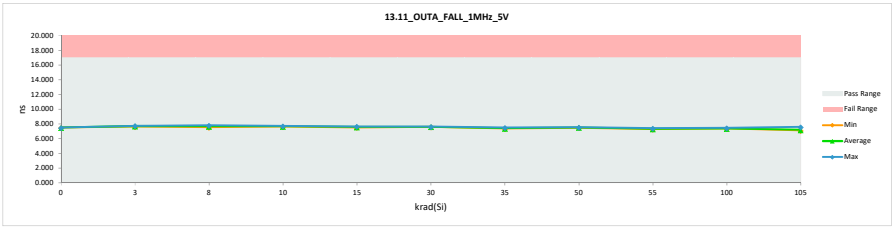
	13.11_OUTA_FALL_1MHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.551	7.522	-0.029
0	992	7.509	7.520	0.011
0	993	7.535	7.513	-0.022
3	1	7.698	7.749	0.051
3	2	7.701	7.686	-0.015
3	3	7.755	7.760	0.005
3	4	7.743	7.655	-0.088
3	5	7.627	7.730	0.103
8	6	7.668	7.718	0.050
8	7	7.760	7.577	-0.183
8	8	7.662	7.821	0.159
8	9	7.662	7.763	0.101
8	10	7.687	7.664	-0.023
10	11	7.733	7.745	0.012
10	12	7.771	7.639	-0.132
10	13	7.654	7.640	-0.014
10	14	7.714	7.686	-0.028
10	15	7.795	7.701	-0.094
15	16	7.820	7.602	-0.218
15	17	7.735	7.541	-0.194
15	18	7.709	7.674	-0.035
15	19	7.670	7.604	-0.066
15	20	7.773	7.542	-0.231
30	21	7.777	7.626	-0.151
30	22	7.749	7.606	-0.143
30	23	7.677	7.648	-0.029
30	24	7.734	7.642	-0.092
30	25	7.713	7.629	-0.084
35	26	7.704	7.458	-0.246
35	27	7.673	7.453	-0.220
35	28	7.798	7.379	-0.419
35	29	7.724	7.513	-0.211
35	30	7.766	7.405	-0.361
50	31	7.647	7.522	-0.125
50	32	7.695	7.574	-0.121
50	33	7.754	7.566	-0.188
50	34	7.717	7.498	-0.219
50	35	7.840	7.561	-0.279
55	36	7.825	7.356	-0.469
55	37	7.700	7.308	-0.392
55	38	7.802	7.382	-0.420
55	39	7.719	7.324	-0.395
55	40	7.701	7.426	-0.275
100	41	7.706	7.377	-0.329
100	42	7.675	7.424	-0.251
100	43	7.725	7.459	-0.266
100	44	7.701	7.398	-0.303
100	45	7.834	7.386	-0.448
105	46	7.761	7.166	-0.595
105	47	7.741	7.219	-0.522
105	48	7.748	7.181	-0.567
105	49	7.706	7.169	-0.537
105	50	7.807	7.185	-0.622
105	51	7.755	7.172	-0.583
105	52	7.754	7.289	-0.465
105	53	7.792	7.149	-0.643
105	54	7.761	7.611	-0.150
105	55	7.678	7.279	-0.399
105	56	7.830	7.243	-0.587
105	57	7.723	7.219	-0.504
105	58	7.751	7.136	-0.615
105	59	7.806	7.192	-0.614
105	60	7.715	7.262	-0.453
105	61	7.672	7.269	-0.403
105	62	7.737	7.203	-0.534
105	63	7.786	7.221	-0.565
105	64	7.661	7.223	-0.438
105	65	7.778	7.210	-0.568
105	66	7.724	7.214	-0.510
105	67	7.778	7.220	-0.558
	Max	7.840	7.821	0.159
	Average	7.725	7.457	-0.268
	Min	7.509	7.136	-0.643
	Std Dev	0.065	0.197	0.224



	13.11_OUTA_FALL_1MHz_5V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.513	7.655	7.577	7.639	7.541	7.606	7.379	7.498	7.308	7.377	7.136
Average	7.518	7.716	7.709	7.682	7.593	7.630	7.442	7.544	7.359	7.409	7.229
Max	7.522	7.760	7.821	7.745	7.674	7.648	7.513	7.574	7.426	7.459	7.611
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

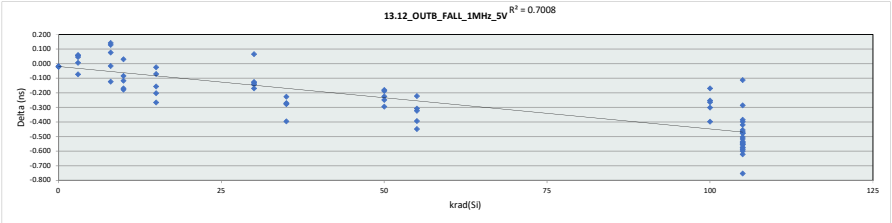


HDR TID Report
TPS7H5001-SP QMLP

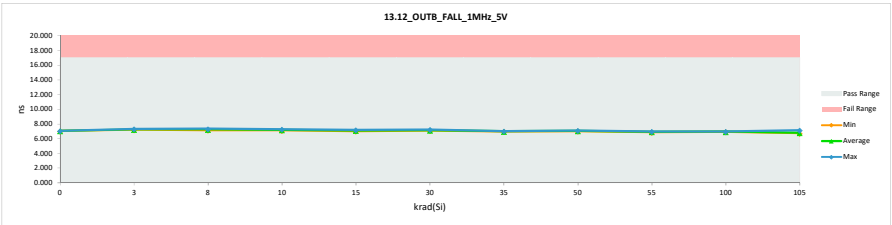
krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

	13.12_OUTB_FALL_1MHz_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.096	7.078	-0.018
0	992	7.071	7.056	-0.015
0	993	7.104	7.089	-0.015
3	1	7.275	7.324	0.049
3	2	7.198	7.259	0.061
3	3	7.260	7.270	0.010
3	4	7.295	7.227	-0.068
3	5	7.218	7.280	0.062
8	6	7.203	7.284	0.081
8	7	7.286	7.167	-0.119
8	8	7.220	7.365	0.145
8	9	7.170	7.302	0.132
8	10	7.247	7.236	-0.011
10	11	7.268	7.303	0.035
10	12	7.315	7.142	-0.173
10	13	7.217	7.137	-0.080
10	14	7.328	7.216	-0.112
10	15	7.364	7.199	-0.165
15	16	7.309	7.158	-0.151
15	17	7.225	7.026	-0.199
15	18	7.281	7.215	-0.066
15	19	7.167	7.146	-0.021
15	20	7.344	7.082	-0.262
30	21	7.320	7.182	-0.138
30	22	7.277	7.112	-0.165
30	23	7.186	7.255	0.069
30	24	7.310	7.189	-0.121
30	25	7.266	7.139	-0.127
35	26	7.294	7.023	-0.271
35	27	7.233	7.010	-0.223
35	28	7.372	6.981	-0.391
35	29	7.290	7.018	-0.272
35	30	7.275	7.008	-0.267
50	31	7.227	7.045	-0.182
50	32	7.258	7.082	-0.176
50	33	7.309	7.088	-0.221
50	34	7.312	7.021	-0.291
50	35	7.377	7.133	-0.244
55	36	7.339	6.895	-0.444
55	37	7.255	6.952	-0.303
55	38	7.342	6.954	-0.388
55	39	7.195	6.877	-0.318
55	40	7.198	6.980	-0.218
100	41	7.219	6.960	-0.259
100	42	7.195	6.946	-0.249
100	43	7.270	6.974	-0.296
100	44	7.165	7.000	-0.165
100	45	7.372	6.980	-0.392
105	46	7.302	6.734	-0.568
105	47	7.242	6.778	-0.464
105	48	7.321	6.727	-0.594
105	49	7.199	6.728	-0.471
105	50	7.385	6.769	-0.616
105	51	7.292	6.744	-0.548
105	52	7.229	6.848	-0.381
105	53	7.327	6.744	-0.583
105	54	7.284	7.175	-0.109
105	55	7.257	6.843	-0.414
105	56	7.309	6.759	-0.550
105	57	7.270	6.758	-0.512
105	58	7.283	6.745	-0.538
105	59	7.312	6.739	-0.573
105	60	7.610	6.861	-0.749
105	61	7.137	6.856	-0.281
105	62	7.280	6.781	-0.499
105	63	7.333	6.792	-0.541
105	64	7.292	6.820	-0.472
105	65	7.222	6.828	-0.394
105	66	7.268	6.818	-0.450
105	67	7.332	6.802	-0.530
	Max	7.610	7.365	0.145
	Average	7.269	7.014	-0.254
	Min	7.071	6.727	-0.749
	Std Dev	0.079	0.185	0.215



	13.12_OUTB_FALL_1MHz_5V										
Test Site											
Tester											
Test Number											
Max Limit	17	ns									
Min Limit	0	ns									
krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.056	7.227	7.167	7.137	7.026	7.112	6.981	7.021	6.877	6.946	6.727
Average	7.074	7.272	7.271	7.199	7.125	7.175	7.008	7.074	6.932	6.972	6.802
Max	7.089	7.324	7.365	7.303	7.215	7.255	7.023	7.133	6.980	7.000	7.175
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

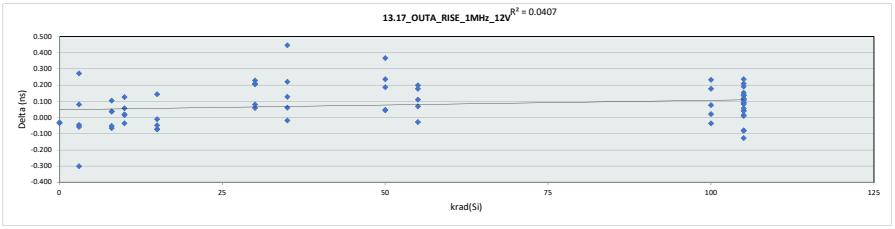


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

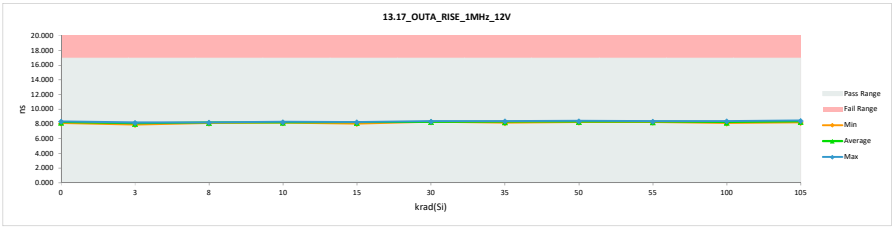
	13.17_OUTA_RISE_1MHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.147	8.120	-0.027
0	992	8.286	8.258	-0.028
0	993	8.402	8.372	-0.030
3	1	7.925	8.201	0.276
3	2	8.105	8.189	0.084
3	3	8.233	7.936	-0.297
3	4	8.165	8.112	-0.053
3	5	8.086	8.044	-0.042
8	6	8.186	8.227	0.041
8	7	8.269	8.221	-0.048
8	8	8.198	8.239	0.041
8	9	8.128	8.237	0.109
8	10	8.208	8.147	-0.061
10	11	8.296	8.265	-0.031
10	12	8.283	8.306	0.023
10	13	8.073	8.202	0.129
10	14	8.126	8.187	0.061
10	15	8.212	8.231	0.019
15	16	8.112	8.259	0.147
15	17	8.134	8.067	-0.067
15	18	8.277	8.208	-0.069
15	19	8.295	8.289	-0.006
15	20	8.260	8.216	-0.044
30	21	8.237	8.321	0.084
30	22	8.085	8.317	0.232
30	23	8.101	8.313	0.212
30	24	8.258	8.321	0.063
30	25	8.181	8.390	0.209
35	26	8.111	8.335	0.224
35	27	8.217	8.348	0.131
35	28	8.227	8.291	0.064
35	29	8.199	8.184	-0.015
35	30	7.965	8.415	0.450
50	31	8.118	8.359	0.241
50	32	8.064	8.435	0.371
50	33	8.228	8.419	0.191
50	34	8.219	8.271	0.052
50	35	8.225	8.274	0.049
55	36	8.221	8.403	0.182
55	37	8.138	8.253	0.115
55	38	8.210	8.283	0.073
55	39	8.295	8.272	-0.023
55	40	8.163	8.365	0.202
100	41	8.153	8.122	-0.031
100	42	8.218	8.244	0.026
100	43	8.233	8.415	0.182
100	44	8.014	8.251	0.237
100	45	8.205	8.286	0.081
105	46	8.266	8.311	0.045
105	47	8.200	8.395	0.195
105	48	8.257	8.271	0.014
105	49	8.268	8.287	0.019
105	50	8.232	8.371	0.139
105	51	8.262	8.475	0.213
105	52	8.317	8.403	0.086
105	53	8.357	8.234	-0.123
105	54	8.310	8.235	-0.075
105	55	8.238	8.380	0.142
105	56	8.151	8.262	0.111
105	57	8.332	8.255	-0.077
105	58	8.281	8.422	0.141
105	59	8.322	8.416	0.094
105	60	8.302	8.397	0.095
105	61	8.255	8.412	0.157
105	62	8.173	8.288	0.115
105	63	8.185	8.303	0.118
105	64	8.164	8.405	0.241
105	65	8.289	8.337	0.048
105	66	8.189	8.250	0.061
105	67	8.256	8.379	0.123
	Max	8.402	8.475	0.450
	Average	8.204	8.284	0.080
	Min	7.925	7.936	-0.297
	Std Dev	0.088	0.102	0.120



	13.17_OUTA_RISE_1MHz_12V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.120	7.936	8.147	8.187	8.067	8.313	8.184	8.271	8.253	8.122	8.234
Average	8.250	8.096	8.214	8.238	8.208	8.332	8.315	8.352	8.315	8.264	8.340
Max	8.372	8.201	8.239	8.306	8.289	8.390	8.415	8.435	8.403	8.415	8.475
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

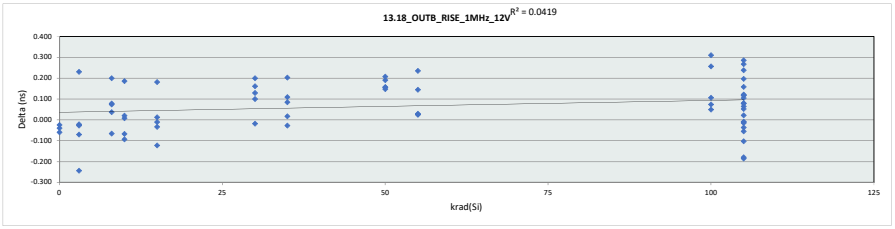


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

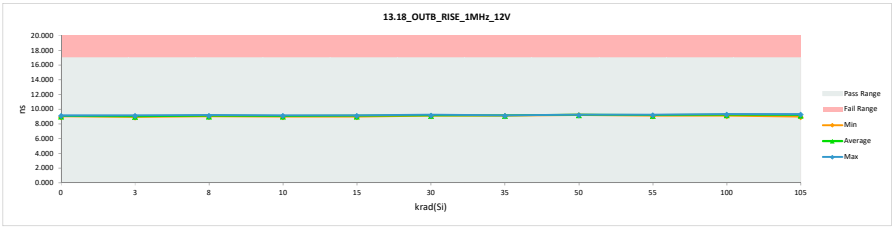
	13.18_OUTB_RISE_1MHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	9.056	9.019	-0.037
0	992	9.079	9.057	-0.022
0	993	9.215	9.158	-0.057
3	1	9.057	8.990	-0.067
3	2	8.944	9.178	0.234
3	3	9.203	8.962	-0.241
3	4	9.063	9.044	-0.019
3	5	9.126	9.101	-0.025
8	6	9.022	9.062	0.040
8	7	9.108	9.046	-0.062
8	8	9.046	9.123	0.077
8	9	8.988	9.191	0.203
8	10	9.027	9.108	0.081
10	11	9.140	9.163	0.023
10	12	8.948	9.137	0.189
10	13	9.104	9.014	-0.090
10	14	9.145	9.156	0.011
10	15	9.079	9.014	-0.065
15	16	9.105	9.098	-0.007
15	17	8.957	9.142	0.185
15	18	9.125	9.006	-0.119
15	19	9.175	9.190	0.015
15	20	9.120	9.089	-0.031
30	21	9.055	9.158	0.103
30	22	8.976	9.141	0.165
30	23	9.090	9.222	0.132
30	24	9.129	9.114	-0.015
30	25	9.034	9.237	0.203
35	26	9.153	9.173	0.020
35	27	9.058	9.145	0.087
35	28	9.007	9.119	0.112
35	29	9.186	9.161	-0.025
35	30	8.967	9.172	0.205
50	31	9.084	9.244	0.160
50	32	9.096	9.246	0.150
50	33	9.086	9.245	0.159
50	34	9.057	9.268	0.211
50	35	9.084	9.277	0.193
55	36	9.219	9.248	0.029
55	37	9.106	9.134	0.028
55	38	9.052	9.199	0.147
55	39	9.117	9.150	0.033
55	40	8.999	9.237	0.238
100	41	9.140	9.249	0.109
100	42	9.089	9.142	0.053
100	43	9.070	9.329	0.259
100	44	9.136	9.213	0.077
100	45	8.989	9.302	0.313
105	46	9.166	9.114	-0.052
105	47	9.079	9.162	0.083
105	48	9.080	9.105	0.025
105	49	9.053	9.120	0.067
105	50	9.151	9.143	-0.008
105	51	9.046	9.335	0.289
105	52	9.174	8.998	-0.176
105	53	9.239	9.233	-0.006
105	54	9.113	9.313	0.200
105	55	9.100	9.262	0.162
105	56	9.136	9.257	0.121
105	57	9.086	9.052	-0.034
105	58	9.170	9.251	0.081
105	59	9.182	9.306	0.124
105	60	9.443	9.260	-0.183
105	61	9.134	9.254	0.120
105	62	9.175	9.076	-0.099
105	63	9.137	9.244	0.107
105	64	9.058	9.299	0.241
105	65	9.186	9.174	-0.012
105	66	8.976	9.246	0.270
105	67	9.152	9.208	0.056
	Max	9.443	9.335	0.313
	Average	9.098	9.166	0.068
	Min	8.944	8.962	-0.241
	Std Dev	0.080	0.091	0.119



	13.18_OUTB_RISE_1MHz_12V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	9.019	8.962	9.046	9.014	9.006	9.114	9.119	9.244	9.134	9.142	8.998
Average	9.078	9.055	9.106	9.097	9.105	9.174	9.154	9.256	9.194	9.247	9.201
Max	9.158	9.178	9.191	9.163	9.190	9.237	9.173	9.277	9.248	9.329	9.335
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

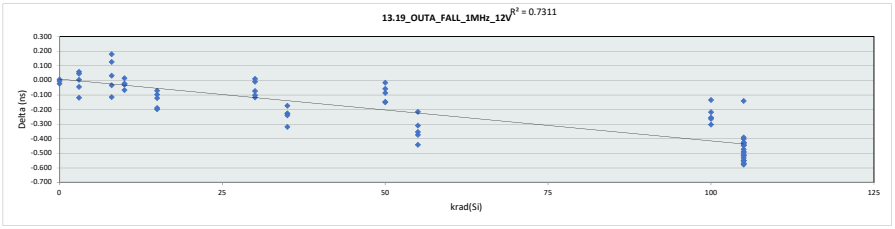


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

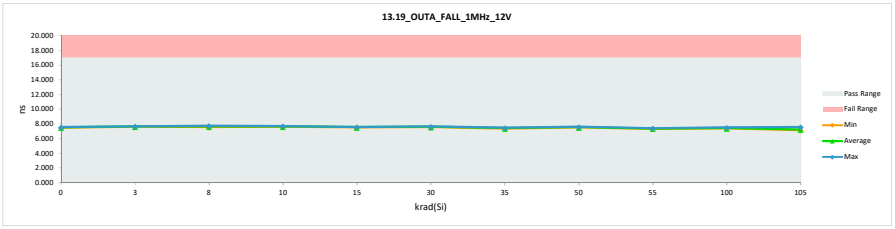
	13.19_OUTA_FALL_1MHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.501	7.511	0.010
0	992	7.531	7.511	-0.020
0	993	7.567	7.565	-0.002
3	1	7.664	7.672	0.008
3	2	7.615	7.676	0.061
3	3	7.770	7.654	-0.116
3	4	7.664	7.623	-0.041
3	5	7.623	7.672	0.049
8	6	7.613	7.648	0.035
8	7	7.686	7.575	-0.111
8	8	7.607	7.737	0.130
8	9	7.577	7.760	0.183
8	10	7.650	7.620	-0.030
10	11	7.701	7.719	0.018
10	12	7.707	7.645	-0.062
10	13	7.634	7.614	-0.020
10	14	7.695	7.673	-0.022
10	15	7.660	7.634	-0.026
15	16	7.740	7.554	-0.186
15	17	7.640	7.547	-0.093
15	18	7.700	7.582	-0.118
15	19	7.666	7.599	-0.067
15	20	7.731	7.537	-0.194
30	21	7.710	7.611	-0.099
30	22	7.679	7.610	-0.069
30	23	7.644	7.657	0.013
30	24	7.687	7.573	-0.114
30	25	7.647	7.641	-0.006
35	26	7.700	7.464	-0.236
35	27	7.619	7.448	-0.171
35	28	7.700	7.385	-0.315
35	29	7.717	7.495	-0.222
35	30	7.669	7.443	-0.226
50	31	7.623	7.541	-0.082
50	32	7.632	7.620	-0.012
50	33	7.669	7.615	-0.054
50	34	7.692	7.549	-0.143
50	35	7.740	7.594	-0.146
55	36	7.803	7.366	-0.437
55	37	7.644	7.338	-0.306
55	38	7.746	7.377	-0.369
55	39	7.694	7.343	-0.351
55	40	7.645	7.433	-0.212
100	41	7.684	7.432	-0.252
100	42	7.650	7.436	-0.214
100	43	7.672	7.540	-0.132
100	44	7.688	7.427	-0.261
100	45	7.726	7.427	-0.299
105	46	7.750	7.182	-0.568
105	47	7.701	7.233	-0.468
105	48	7.705	7.157	-0.548
105	49	7.703	7.157	-0.546
105	50	7.758	7.194	-0.564
105	51	7.661	7.239	-0.422
105	52	7.753	7.310	-0.443
105	53	7.747	7.201	-0.546
105	54	7.737	7.599	-0.138
105	55	7.660	7.237	-0.423
105	56	7.795	7.222	-0.573
105	57	7.700	7.187	-0.513
105	58	7.660	7.217	-0.443
105	59	7.793	7.266	-0.527
105	60	7.734	7.297	-0.437
105	61	7.678	7.279	-0.399
105	62	7.735	7.230	-0.505
105	63	7.732	7.249	-0.483
105	64	7.626	7.239	-0.387
105	65	7.726	7.235	-0.491
105	66	7.690	7.260	-0.430
105	67	7.736	7.224	-0.512
	Max	7.803	7.760	0.183
	Average	7.683	7.459	-0.224
	Min	7.501	7.157	-0.573
	Std Dev	0.058	0.177	0.208



	13.19_OUTA_FALL_1MHz_12V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.511	7.623	7.575	7.614	7.537	7.573	7.385	7.541	7.338	7.427	7.157
Average	7.529	7.659	7.668	7.657	7.564	7.618	7.447	7.584	7.371	7.452	7.246
Max	7.565	7.676	7.760	7.719	7.599	7.657	7.495	7.620	7.433	7.540	7.599
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

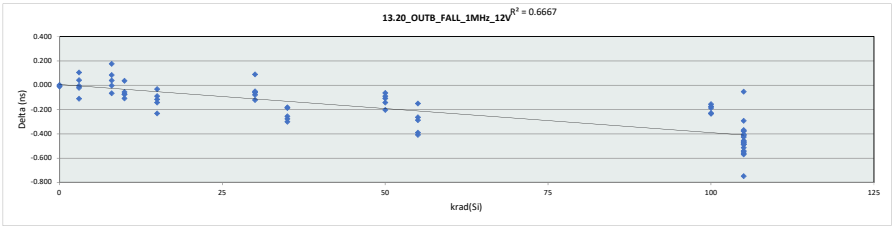


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

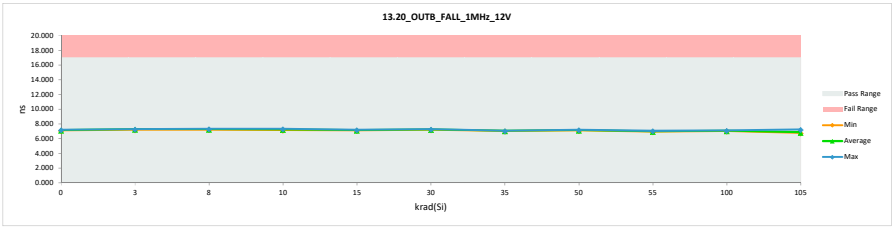
	13.20_OUTB_FALL_1MHz_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.130	7.137	0.007
0	992	7.152	7.151	-0.001
0	993	7.206	7.200	-0.006
3	1	7.311	7.310	-0.001
3	2	7.209	7.318	0.109
3	3	7.341	7.234	-0.107
3	4	7.283	7.265	-0.018
3	5	7.269	7.315	0.046
8	6	7.227	7.271	0.044
8	7	7.304	7.241	-0.063
8	8	7.250	7.338	0.088
8	9	7.175	7.354	0.179
8	10	7.257	7.258	0.001
10	11	7.296	7.336	0.040
10	12	7.313	7.209	-0.104
10	13	7.253	7.184	-0.069
10	14	7.352	7.282	-0.070
10	15	7.271	7.220	-0.051
15	16	7.309	7.198	-0.111
15	17	7.198	7.113	-0.085
15	18	7.337	7.200	-0.137
15	19	7.254	7.226	-0.028
15	20	7.363	7.135	-0.228
30	21	7.308	7.252	-0.056
30	22	7.282	7.206	-0.076
30	23	7.222	7.315	0.093
30	24	7.321	7.205	-0.116
30	25	7.292	7.245	-0.047
35	26	7.368	7.097	-0.271
35	27	7.251	7.073	-0.178
35	28	7.345	7.050	-0.295
35	29	7.337	7.085	-0.252
35	30	7.255	7.072	-0.183
50	31	7.255	7.152	-0.103
50	32	7.271	7.211	-0.060
50	33	7.287	7.202	-0.085
50	34	7.324	7.126	-0.198
50	35	7.371	7.234	-0.137
55	36	7.391	6.987	-0.404
55	37	7.280	7.021	-0.259
55	38	7.393	7.007	-0.386
55	39	7.248	6.966	-0.282
55	40	7.208	7.063	-0.145
100	41	7.271	7.089	-0.182
100	42	7.251	7.021	-0.230
100	43	7.283	7.132	-0.151
100	44	7.244	7.073	-0.171
100	45	7.321	7.095	-0.226
105	46	7.347	6.812	-0.535
105	47	7.288	6.836	-0.452
105	48	7.326	6.769	-0.557
105	49	7.240	6.784	-0.456
105	50	7.413	6.850	-0.563
105	51	7.275	6.854	-0.421
105	52	7.319	6.947	-0.372
105	53	7.383	6.840	-0.543
105	54	7.300	7.251	-0.049
105	55	7.294	6.894	-0.400
105	56	7.353	6.871	-0.482
105	57	7.308	6.799	-0.509
105	58	7.250	6.877	-0.373
105	59	7.356	6.887	-0.469
105	60	7.686	6.944	-0.742
105	61	7.229	6.941	-0.288
105	62	7.348	6.869	-0.479
105	63	7.355	6.890	-0.465
105	64	7.298	6.893	-0.405
105	65	7.298	6.887	-0.411
105	66	7.285	6.922	-0.363
105	67	7.358	6.877	-0.481
	Max	7.686	7.354	0.179
	Average	7.296	7.085	-0.211
	Min	7.130	6.769	-0.742
	Std Dev	0.074	0.168	0.204



	13.20_OUTB_FALL_1MHz_12V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.137	7.234	7.241	7.184	7.113	7.205	7.050	7.126	6.966	7.021	6.769
Average	7.163	7.288	7.292	7.246	7.174	7.245	7.075	7.185	7.009	7.082	6.886
Max	7.200	7.318	7.354	7.336	7.226	7.315	7.097	7.234	7.063	7.132	7.251
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

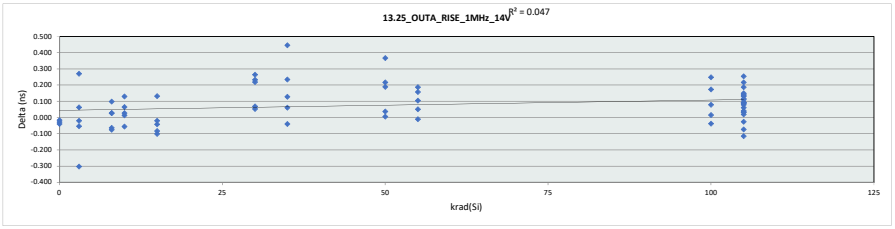


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

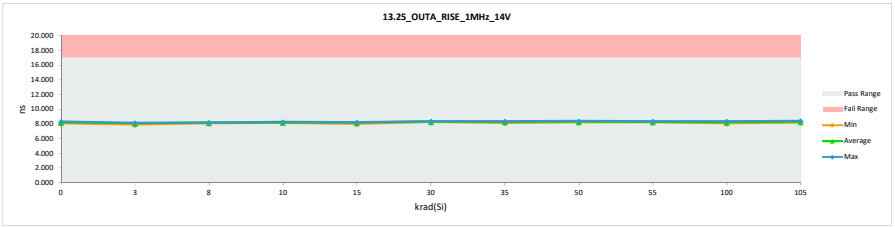
	13.25_OUTA_RISE_1MHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.126	8.091	-0.035
0	992	8.242	8.229	-0.013
0	993	8.373	8.349	-0.024
3	1	7.892	8.166	0.274
3	2	8.096	8.162	0.066
3	3	8.225	7.926	-0.299
3	4	8.129	8.079	-0.050
3	5	8.059	8.042	-0.017
8	6	8.169	8.201	0.032
8	7	8.250	8.178	-0.072
8	8	8.180	8.211	0.031
8	9	8.102	8.205	0.103
8	10	8.186	8.127	-0.059
10	11	8.261	8.210	-0.051
10	12	8.257	8.289	0.032
10	13	8.064	8.198	0.134
10	14	8.093	8.161	0.068
10	15	8.182	8.199	0.017
15	16	8.086	8.222	0.136
15	17	8.131	8.034	-0.097
15	18	8.237	8.199	-0.038
15	19	8.282	8.265	-0.017
15	20	8.266	8.187	-0.079
30	21	8.225	8.281	0.056
30	22	8.053	8.321	0.268
30	23	8.074	8.296	0.222
30	24	8.218	8.291	0.073
30	25	8.142	8.378	0.236
35	26	8.081	8.320	0.239
35	27	8.180	8.312	0.132
35	28	8.194	8.259	0.065
35	29	8.193	8.157	-0.036
35	30	7.941	8.390	0.449
50	31	8.116	8.336	0.220
50	32	8.031	8.402	0.371
50	33	8.201	8.394	0.193
50	34	8.222	8.232	0.010
50	35	8.199	8.240	0.041
55	36	8.187	8.378	0.191
55	37	8.118	8.227	0.109
55	38	8.193	8.247	0.054
55	39	8.265	8.258	-0.007
55	40	8.167	8.328	0.161
100	41	8.126	8.093	-0.033
100	42	8.196	8.216	0.020
100	43	8.217	8.394	0.177
100	44	7.982	8.235	0.253
100	45	8.191	8.273	0.082
105	46	8.243	8.280	0.037
105	47	8.174	8.394	0.220
105	48	8.230	8.254	0.024
105	49	8.228	8.274	0.046
105	50	8.208	8.344	0.136
105	51	8.233	8.425	0.192
105	52	8.312	8.376	0.064
105	53	8.329	8.219	-0.110
105	54	8.270	8.201	-0.069
105	55	8.216	8.353	0.137
105	56	8.137	8.227	0.090
105	57	8.306	8.285	-0.021
105	58	8.264	8.418	0.154
105	59	8.291	8.388	0.097
105	60	8.290	8.373	0.083
105	61	8.237	8.384	0.147
105	62	8.150	8.264	0.114
105	63	8.181	8.278	0.097
105	64	8.124	8.382	0.258
105	65	8.273	8.311	0.038
105	66	8.127	8.222	0.095
105	67	8.220	8.341	0.121
	Max	8.373	8.425	0.449
	Average	8.181	8.260	0.079
	Min	7.892	7.926	-0.299
	Std Dev	0.089	0.101	0.122



	13.25_OUTA_RISE_1MHz_14V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.091	7.926	8.127	8.161	8.034	8.281	8.157	8.232	8.227	8.093	8.201
Average	8.223	8.075	8.184	8.211	8.181	8.313	8.288	8.321	8.288	8.242	8.318
Max	8.349	8.166	8.211	8.289	8.265	8.378	8.390	8.402	8.378	8.394	8.425
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

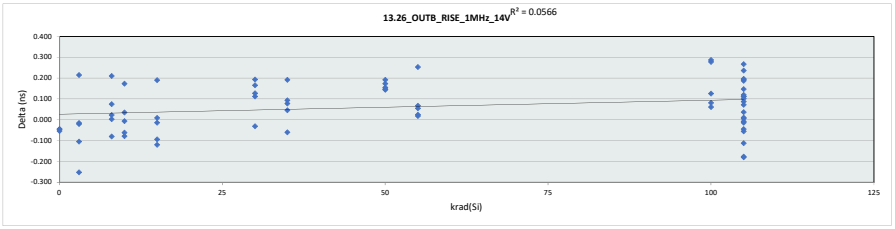


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

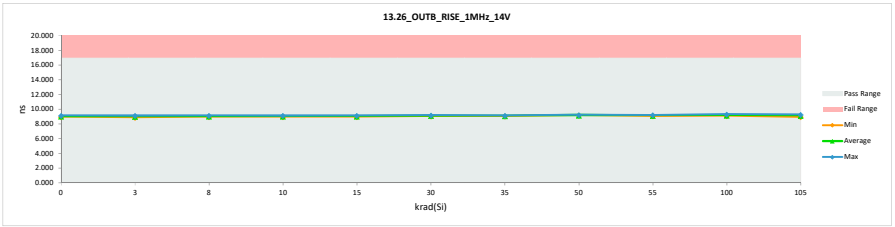
	13.26_OUTB_RISE_1MHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	9.052	9.010	-0.042
0	992	9.091	9.040	-0.051
0	993	9.205	9.163	-0.042
3	1	9.055	8.954	-0.101
3	2	8.943	9.161	0.218
3	3	9.174	8.926	-0.248
3	4	9.051	9.035	-0.016
3	5	9.122	9.110	-0.012
8	6	9.018	9.044	0.026
8	7	9.085	9.008	-0.077
8	8	9.027	9.034	0.007
8	9	8.974	9.187	0.213
8	10	9.014	9.092	0.078
10	11	9.128	9.125	-0.003
10	12	8.941	9.118	0.177
10	13	9.077	9.019	-0.058
10	14	9.123	9.161	0.038
10	15	9.077	9.002	-0.075
15	16	9.086	9.075	-0.011
15	17	8.930	9.123	0.193
15	18	9.115	8.999	-0.116
15	19	9.160	9.172	0.012
15	20	9.168	9.078	-0.090
30	21	9.027	9.142	0.115
30	22	8.947	9.116	0.169
30	23	9.093	9.224	0.131
30	24	9.125	9.098	-0.027
30	25	9.018	9.215	0.197
35	26	9.124	9.173	0.049
35	27	9.045	9.126	0.081
35	28	9.008	9.105	0.097
35	29	9.186	9.129	-0.057
35	30	8.957	9.152	0.195
50	31	9.055	9.232	0.177
50	32	9.091	9.242	0.151
50	33	9.080	9.238	0.158
50	34	9.071	9.218	0.147
50	35	9.068	9.263	0.195
55	36	9.192	9.214	0.022
55	37	9.088	9.116	0.028
55	38	9.114	9.184	0.070
55	39	9.095	9.154	0.059
55	40	8.982	9.239	0.257
100	41	9.103	9.232	0.129
100	42	9.071	9.136	0.065
100	43	9.049	9.339	0.290
100	44	9.107	9.191	0.084
100	45	8.997	9.278	0.281
105	46	9.157	9.116	-0.041
105	47	9.056	9.246	0.190
105	48	9.075	9.089	0.014
105	49	9.033	9.109	0.076
105	50	9.138	9.133	-0.005
105	51	9.045	9.315	0.270
105	52	9.156	8.980	-0.176
105	53	9.218	9.228	0.010
105	54	9.102	9.302	0.200
105	55	9.092	9.243	0.151
105	56	9.105	9.209	0.104
105	57	9.083	9.031	-0.052
105	58	9.125	9.240	0.115
105	59	9.170	9.293	0.123
105	60	9.431	9.258	-0.173
105	61	9.137	9.228	0.091
105	62	9.163	9.055	-0.108
105	63	9.135	9.250	0.115
105	64	9.039	9.278	0.239
105	65	9.171	9.160	-0.011
105	66	9.024	9.221	0.197
105	67	9.146	9.186	0.040
	Max	9.431	9.339	0.290
	Average	9.087	9.151	0.064
	Min	8.930	8.926	-0.248
	Std Dev	0.079	0.094	0.119



	13.26_OUTB_RISE_1MHz_14V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	9.010	8.926	9.008	9.002	8.999	9.098	9.105	9.218	9.116	9.136	8.980
Average	9.071	9.037	9.073	9.085	9.089	9.159	9.137	9.239	9.181	9.235	9.190
Max	9.163	9.161	9.187	9.161	9.172	9.224	9.173	9.263	9.239	9.339	9.315
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

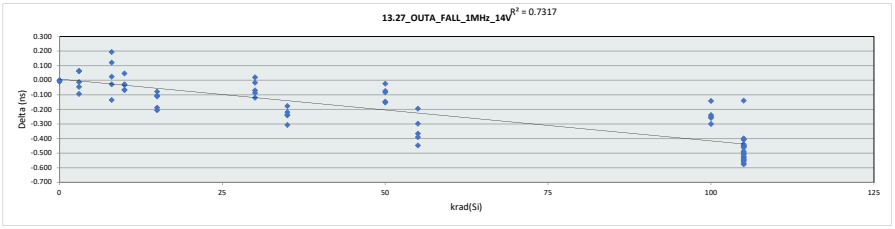


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

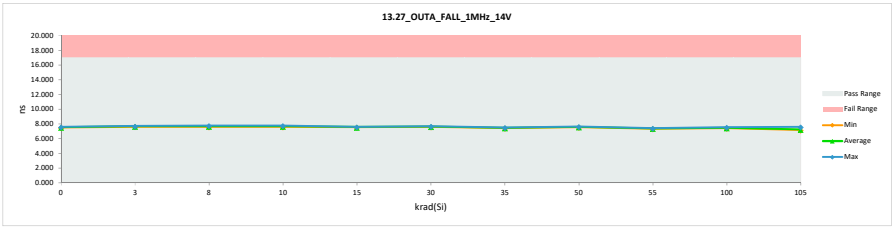
	13.27_OUTA_FALL_1MHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.527	7.530	0.003
0	992	7.535	7.541	0.006
0	993	7.592	7.585	-0.007
3	1	7.692	7.683	-0.009
3	2	7.636	7.703	0.067
3	3	7.780	7.690	-0.090
3	4	7.679	7.637	-0.042
3	5	7.640	7.708	0.068
8	6	7.643	7.672	0.029
8	7	7.715	7.585	-0.130
8	8	7.634	7.760	0.126
8	9	7.595	7.792	0.197
8	10	7.657	7.634	-0.023
10	11	7.715	7.765	0.050
10	12	7.727	7.663	-0.064
10	13	7.671	7.610	-0.061
10	14	7.716	7.692	-0.024
10	15	7.688	7.659	-0.029
15	16	7.765	7.564	-0.201
15	17	7.655	7.555	-0.100
15	18	7.721	7.614	-0.107
15	19	7.691	7.617	-0.074
15	20	7.741	7.557	-0.184
30	21	7.719	7.637	-0.082
30	22	7.698	7.633	-0.065
30	23	7.660	7.684	0.024
30	24	7.715	7.599	-0.116
30	25	7.679	7.667	-0.012
35	26	7.709	7.472	-0.237
35	27	7.649	7.476	-0.173
35	28	7.712	7.410	-0.302
35	29	7.721	7.507	-0.214
35	30	7.682	7.450	-0.232
50	31	7.635	7.556	-0.079
50	32	7.648	7.628	-0.020
50	33	7.690	7.620	-0.070
50	34	7.712	7.563	-0.149
50	35	7.770	7.629	-0.141
55	36	7.835	7.392	-0.443
55	37	7.658	7.365	-0.293
55	38	7.776	7.391	-0.385
55	39	7.720	7.358	-0.362
55	40	7.633	7.443	-0.190
100	41	7.706	7.452	-0.254
100	42	7.676	7.442	-0.234
100	43	7.692	7.555	-0.137
100	44	7.690	7.443	-0.247
100	45	7.752	7.456	-0.296
105	46	7.761	7.207	-0.554
105	47	7.707	7.250	-0.457
105	48	7.732	7.165	-0.567
105	49	7.704	7.169	-0.535
105	50	7.780	7.241	-0.539
105	51	7.685	7.245	-0.440
105	52	7.766	7.318	-0.448
105	53	7.771	7.225	-0.546
105	54	7.749	7.614	-0.135
105	55	7.669	7.267	-0.402
105	56	7.824	7.252	-0.572
105	57	7.713	7.217	-0.496
105	58	7.676	7.227	-0.449
105	59	7.810	7.285	-0.525
105	60	7.757	7.315	-0.442
105	61	7.692	7.291	-0.401
105	62	7.763	7.244	-0.519
105	63	7.761	7.268	-0.493
105	64	7.652	7.259	-0.393
105	65	7.736	7.254	-0.482
105	66	7.719	7.286	-0.433
105	67	7.755	7.249	-0.506
	Max	7.835	7.792	0.197
	Average	7.702	7.478	-0.223
	Min	7.527	7.165	-0.572
	Std Dev	0.059	0.178	0.208



	13.27_OUTA_FALL_1MHz_14V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.530	7.637	7.585	7.610	7.555	7.599	7.410	7.556	7.358	7.442	7.165
Average	7.552	7.684	7.689	7.678	7.581	7.644	7.463	7.599	7.390	7.470	7.266
Max	7.585	7.708	7.792	7.765	7.617	7.684	7.507	7.629	7.443	7.555	7.614
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

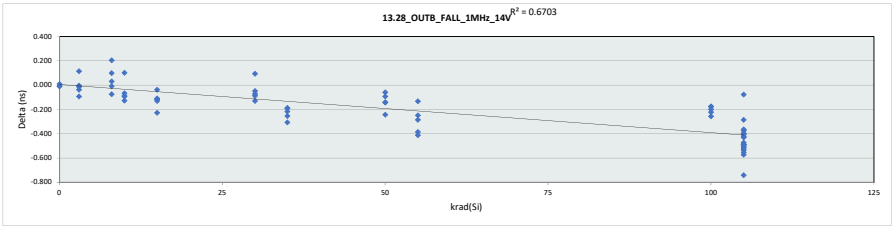


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

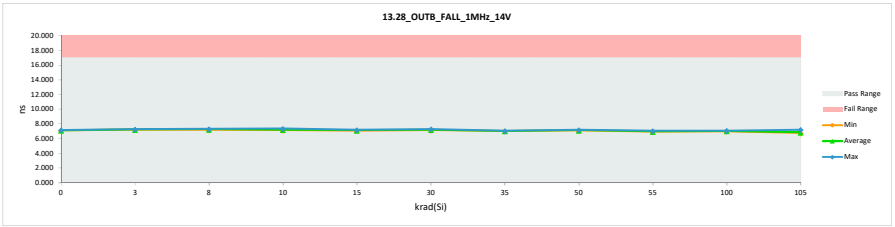
	13.28_OUTB_FALL_1MHz_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	16.5	17
Min Limit	4	0

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.129	7.143	0.014
0	992	7.147	7.142	-0.005
0	993	7.208	7.205	-0.003
3	1	7.315	7.307	-0.008
3	2	7.190	7.309	0.119
3	3	7.333	7.246	-0.087
3	4	7.289	7.257	-0.032
3	5	7.270	7.272	0.002
8	6	7.233	7.269	0.036
8	7	7.297	7.226	-0.071
8	8	7.241	7.344	0.103
8	9	7.153	7.362	0.209
8	10	7.261	7.257	-0.004
10	11	7.291	7.397	0.106
10	12	7.326	7.204	-0.122
10	13	7.258	7.176	-0.082
10	14	7.358	7.269	-0.089
10	15	7.281	7.219	-0.062
15	16	7.307	7.196	-0.111
15	17	7.213	7.108	-0.105
15	18	7.329	7.205	-0.124
15	19	7.249	7.216	-0.033
15	20	7.359	7.137	-0.222
30	21	7.311	7.244	-0.067
30	22	7.266	7.184	-0.082
30	23	7.230	7.329	0.099
30	24	7.327	7.202	-0.125
30	25	7.283	7.239	-0.044
35	26	7.304	7.091	-0.213
35	27	7.257	7.075	-0.182
35	28	7.340	7.038	-0.302
35	29	7.333	7.085	-0.248
35	30	7.251	7.065	-0.186
50	31	7.289	7.153	-0.136
50	32	7.264	7.210	-0.054
50	33	7.292	7.203	-0.089
50	34	7.362	7.124	-0.238
50	35	7.366	7.229	-0.137
55	36	7.387	6.981	-0.406
55	37	7.270	7.026	-0.244
55	38	7.390	7.011	-0.379
55	39	7.250	6.970	-0.280
55	40	7.199	7.072	-0.127
100	41	7.266	7.073	-0.193
100	42	7.243	7.027	-0.216
100	43	7.291	7.121	-0.170
100	44	7.238	7.066	-0.172
100	45	7.342	7.091	-0.251
105	46	7.353	6.833	-0.520
105	47	7.285	6.894	-0.391
105	48	7.337	6.771	-0.566
105	49	7.257	6.775	-0.482
105	50	7.412	6.863	-0.549
105	51	7.275	6.880	-0.395
105	52	7.316	6.949	-0.367
105	53	7.382	6.853	-0.529
105	54	7.321	7.249	-0.072
105	55	7.299	6.874	-0.425
105	56	7.345	6.849	-0.496
105	57	7.323	6.817	-0.506
105	58	7.236	6.876	-0.360
105	59	7.357	6.874	-0.483
105	60	7.682	6.947	-0.735
105	61	7.233	6.954	-0.279
105	62	7.349	6.867	-0.482
105	63	7.363	6.897	-0.466
105	64	7.305	6.903	-0.402
105	65	7.310	6.892	-0.418
105	66	7.297	6.931	-0.366
105	67	7.361	6.872	-0.489
	Max	7.682	7.397	0.209
	Average	7.297	7.086	-0.211
	Min	7.129	6.771	-0.735
	Std Dev	0.075	0.166	0.203



	13.28_OUTB_FALL_1MHz_14V	
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.142	7.246	7.226	7.176	7.108	7.184	7.038	7.124	6.970	7.027	6.771
Average	7.163	7.278	7.292	7.253	7.172	7.240	7.071	7.184	7.012	7.076	6.892
Max	7.205	7.309	7.362	7.397	7.216	7.329	7.091	7.229	7.072	7.121	7.249
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000

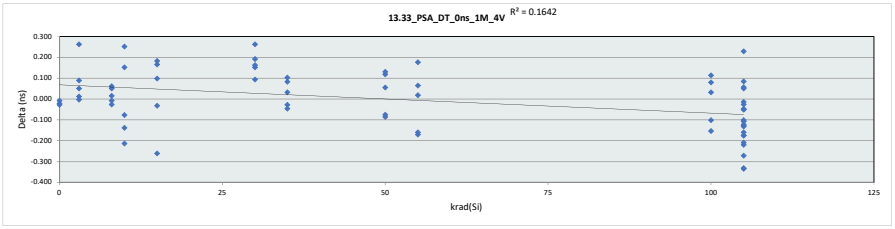


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

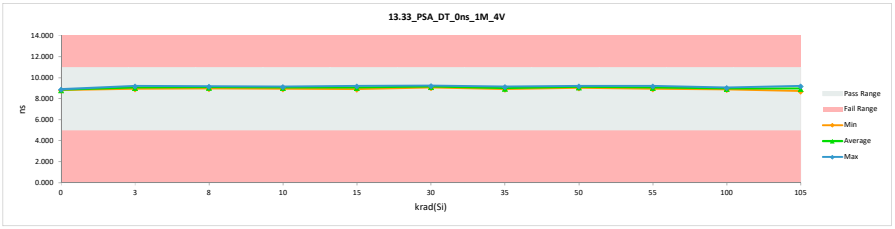
	13.33_PSA_DT_0ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.835	8.817	-0.018
0	992	8.869	8.845	-0.024
0	993	8.916	8.911	-0.005
3	1	8.974	8.974	0.000
3	2	9.044	9.059	0.015
3	3	8.994	9.086	0.092
3	4	8.902	8.956	0.054
3	5	8.961	9.226	0.265
8	6	9.169	9.187	0.018
8	7	9.004	8.981	-0.023
8	8	9.058	9.123	0.065
8	9	9.018	9.072	0.054
8	10	9.154	9.149	-0.005
10	11	9.250	9.040	-0.210
10	12	8.899	9.153	0.254
10	13	8.961	9.116	0.155
10	14	9.098	8.963	-0.135
10	15	9.207	9.134	-0.073
15	16	9.194	8.936	-0.258
15	17	9.030	9.001	-0.029
15	18	9.027	9.212	0.185
15	19	8.985	9.086	0.101
15	20	8.996	9.165	0.169
30	21	8.917	9.182	0.265
30	22	8.922	9.077	0.155
30	23	9.142	9.238	0.096
30	24	9.060	9.254	0.194
30	25	8.918	9.084	0.166
35	26	8.896	8.982	0.086
35	27	8.884	8.919	0.035
35	28	8.979	8.955	-0.024
35	29	9.058	9.164	0.106
35	30	9.134	9.091	-0.043
50	31	8.963	9.084	0.121
50	32	9.214	9.131	-0.083
50	33	9.185	9.113	-0.072
50	34	8.979	9.037	0.058
50	35	9.099	9.233	0.134
55	36	9.056	9.236	0.180
55	37	9.131	8.974	-0.157
55	38	9.017	9.085	0.068
55	39	9.119	8.951	-0.168
55	40	9.113	9.134	0.021
100	41	8.964	8.999	0.035
100	42	8.968	9.085	0.117
100	43	8.923	9.006	0.083
100	44	9.000	8.901	-0.099
100	45	9.141	8.991	-0.150
105	46	9.076	9.129	0.053
105	47	9.164	8.948	-0.216
105	48	9.167	8.995	-0.172
105	49	9.038	8.992	-0.046
105	50	9.208	9.160	-0.048
105	51	9.240	9.217	-0.023
105	52	9.078	8.873	-0.205
105	53	8.970	8.925	-0.045
105	54	8.919	8.747	-0.172
105	55	8.942	9.174	0.232
105	56	9.168	9.157	-0.011
105	57	9.099	8.994	-0.105
105	58	9.132	9.003	-0.129
105	59	9.081	8.961	-0.120
105	60	9.097	8.974	-0.123
105	61	9.028	8.871	-0.157
105	62	9.210	8.882	-0.328
105	63	9.065	9.124	0.059
105	64	8.980	9.068	0.088
105	65	9.221	8.890	-0.331
105	66	8.972	8.873	-0.099
105	67	9.143	8.875	-0.268
	Max	9.250	9.254	0.265
	Average	9.048	9.042	-0.006
	Min	8.835	8.747	-0.331
	Std Dev	0.105	0.118	0.141



	13.33_PSA_DT_0ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	8.817	8.956	8.981	8.963	8.936	9.077	8.919	9.037	8.951	8.901	8.747
Average	8.858	9.060	9.102	9.081	9.080	9.167	9.022	9.120	9.076	8.996	8.992
Max	8.911	9.226	9.187	9.153	9.212	9.254	9.164	9.233	9.236	9.085	9.217
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

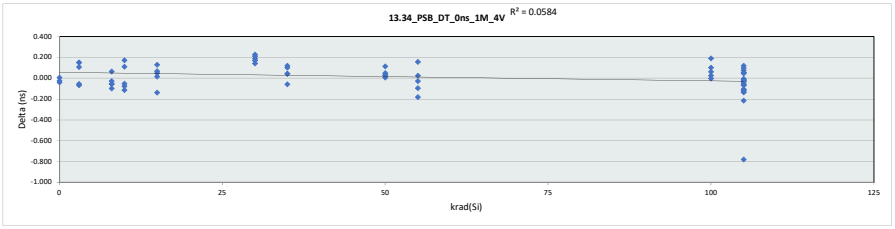


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

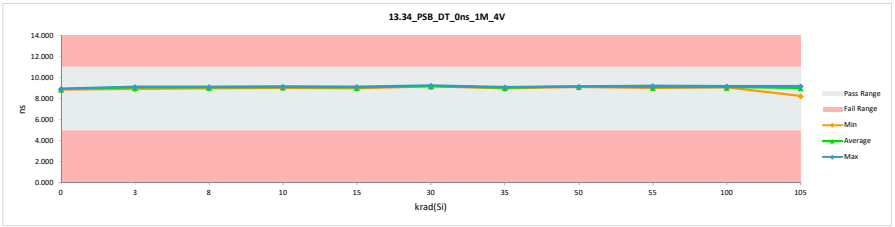
	13.34_PSB_DT_0ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.922	8.888	-0.034
0	992	8.925	8.907	-0.018
0	993	8.967	8.978	0.011
3	1	8.990	8.941	-0.049
3	2	9.116	9.054	-0.062
3	3	9.007	9.162	0.155
3	4	8.990	9.103	0.113
3	5	9.009	9.166	0.157
8	6	9.199	9.150	-0.049
8	7	9.092	8.998	-0.094
8	8	9.094	9.163	0.069
8	9	9.114	9.091	-0.023
8	10	9.167	9.117	-0.050
10	11	9.181	9.111	-0.070
10	12	9.015	9.191	0.176
10	13	9.019	9.136	0.117
10	14	9.139	9.030	-0.109
10	15	9.187	9.140	-0.047
15	16	9.133	9.001	-0.132
15	17	8.995	9.067	0.072
15	18	9.102	9.156	0.054
15	19	9.059	9.081	0.022
15	20	8.980	9.115	0.135
30	21	8.993	9.168	0.175
30	22	8.968	9.185	0.217
30	23	9.123	9.270	0.147
30	24	9.047	9.280	0.233
30	25	8.973	9.167	0.194
35	26	8.937	8.985	0.048
35	27	8.910	9.036	0.126
35	28	8.937	9.044	0.107
35	29	9.050	9.098	0.048
35	30	9.191	9.137	-0.054
50	31	9.119	9.174	0.055
50	32	9.164	9.198	0.034
50	33	9.154	9.189	0.035
50	34	9.003	9.122	0.119
50	35	9.167	9.179	0.012
55	36	9.090	9.252	0.162
55	37	9.123	9.033	-0.090
55	38	9.080	9.111	0.031
55	39	9.217	9.042	-0.175
55	40	9.149	9.126	-0.023
100	41	9.013	9.081	0.068
100	42	9.022	9.218	0.196
100	43	8.985	9.093	0.108
100	44	9.084	9.086	0.002
100	45	9.059	9.089	0.030
105	46	9.090	9.214	0.124
105	47	9.127	9.106	-0.021
105	48	9.146	9.146	0.000
105	49	9.170	9.154	-0.016
105	50	9.234	9.226	-0.008
105	51	9.250	9.210	-0.040
105	52	9.133	9.031	-0.102
105	53	8.982	9.039	0.057
105	54	9.043	8.270	-0.773
105	55	9.012	9.095	0.083
105	56	9.086	9.147	0.061
105	57	9.113	9.010	-0.103
105	58	9.187	9.127	-0.060
105	59	9.089	9.065	-0.024
105	60	9.111	8.981	-0.130
105	61	9.080	9.022	-0.058
105	62	9.112	9.002	-0.110
105	63	9.048	9.152	0.104
105	64	9.006	9.057	0.051
105	65	9.199	8.990	-0.209
105	66	9.011	8.950	-0.061
105	67	9.078	8.950	-0.128
	Max	9.250	9.280	0.233
	Average	9.075	9.086	0.011
	Min	8.910	8.270	-0.773
	Std Dev	0.083	0.131	0.138



	13.34_PSB_DT_0ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	8.888	8.941	8.998	9.030	9.001	9.167	8.985	9.122	9.033	9.081	8.270
Average	8.924	9.085	9.104	9.122	9.084	9.214	9.060	9.172	9.113	9.113	9.043
Max	8.978	9.166	9.163	9.191	9.156	9.280	9.137	9.198	9.252	9.218	9.226
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

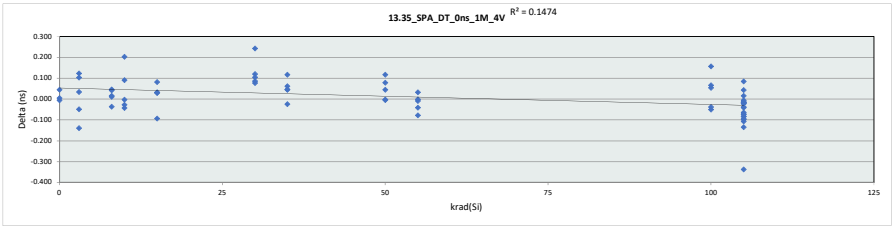


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

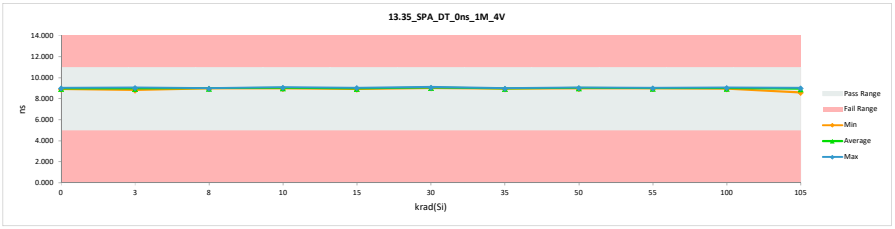
	13.35_SPA_DT_0ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.887	8.935	0.048
0	992	8.951	8.958	0.007
0	993	9.038	9.035	-0.003
3	1	8.980	8.844	-0.136
3	2	9.026	8.980	-0.046
3	3	8.940	9.046	0.106
3	4	8.926	8.962	0.036
3	5	8.954	9.079	0.125
8	6	8.990	9.008	0.018
8	7	8.981	8.995	0.014
8	8	8.963	9.012	0.049
8	9	8.979	9.024	0.045
8	10	9.041	9.007	-0.034
10	11	9.027	9.027	0.000
10	12	8.896	9.102	0.206
10	13	8.938	9.032	0.094
10	14	9.014	8.974	-0.040
10	15	9.060	9.036	-0.024
15	16	9.014	8.923	-0.091
15	17	8.985	9.017	0.032
15	18	8.977	9.062	0.085
15	19	8.995	9.029	0.034
15	20	8.902	8.937	0.035
30	21	8.845	9.090	0.245
30	22	8.966	9.045	0.079
30	23	9.029	9.118	0.089
30	24	8.928	9.051	0.123
30	25	8.925	9.033	0.108
35	26	8.904	8.953	0.049
35	27	8.890	8.954	0.064
35	28	8.840	8.960	0.120
35	29	8.975	9.023	0.048
35	30	9.030	9.009	-0.021
50	31	8.957	9.076	0.119
50	32	9.079	9.079	0.000
50	33	8.993	9.074	0.081
50	34	8.992	8.991	-0.001
50	35	9.007	9.054	0.047
55	36	9.017	9.052	0.035
55	37	8.996	8.990	-0.006
55	38	8.990	8.992	0.002
55	39	9.073	8.998	-0.075
55	40	9.037	8.999	-0.038
100	41	8.977	9.033	0.056
100	42	8.907	9.067	0.160
100	43	8.925	8.994	0.069
100	44	9.010	8.963	-0.047
100	45	9.038	9.003	-0.035
105	46	9.017	9.002	-0.015
105	47	8.936	8.982	0.046
105	48	9.058	8.997	-0.061
105	49	9.016	9.004	-0.012
105	50	9.091	9.022	-0.069
105	51	9.031	9.049	0.018
105	52	9.014	8.882	-0.132
105	53	8.954	8.937	-0.017
105	54	8.941	8.607	-0.334
105	55	8.969	8.966	-0.003
105	56	9.013	8.993	-0.020
105	57	9.005	8.990	-0.015
105	58	9.094	8.999	-0.095
105	59	9.048	9.009	-0.039
105	60	9.024	8.919	-0.105
105	61	8.957	8.877	-0.080
105	62	9.014	8.979	-0.035
105	63	8.953	9.040	0.087
105	64	8.980	8.969	-0.011
105	65	9.044	8.952	-0.092
105	66	8.998	8.916	-0.082
105	67	8.984	8.913	-0.071
	Max	9.094	9.118	0.245
	Average	8.985	8.995	0.010
	Min	8.840	8.607	-0.334
	Std Dev	0.055	0.072	0.086



	13.35_SPA_DT_0ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	8.935	8.844	8.995	8.974	8.923	9.033	8.953	8.991	8.990	8.963	8.607
Average	8.976	8.982	9.009	9.034	8.994	9.067	8.980	9.055	9.006	9.012	8.955
Max	9.035	9.079	9.024	9.102	9.062	9.118	9.023	9.079	9.052	9.067	9.049
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

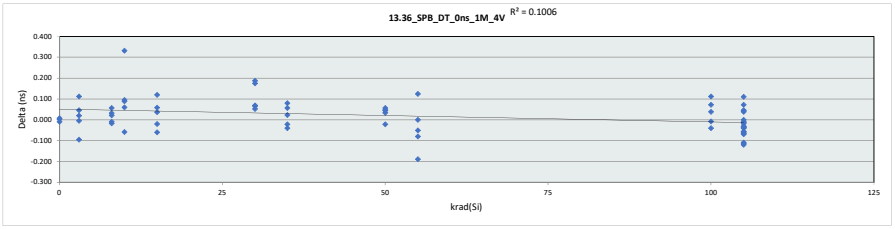


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

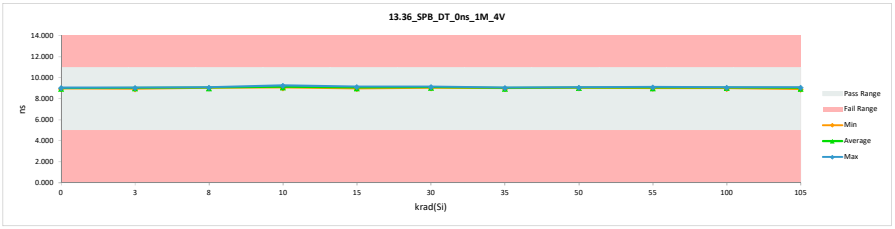
	13.36_SPB_DT_0ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.992	8.986	-0.006
0	992	8.990	8.997	0.007
0	993	9.049	9.060	0.011
3	1	9.051	8.959	-0.092
3	2	9.056	9.054	-0.002
3	3	9.016	9.065	0.049
3	4	8.943	9.058	0.115
3	5	9.050	9.073	0.023
8	6	9.072	9.058	-0.014
8	7	9.028	9.064	0.036
8	8	8.976	9.036	0.060
8	9	9.035	9.029	-0.006
8	10	9.066	9.091	0.025
10	11	9.015	9.107	0.092
10	12	8.940	9.274	0.334
10	13	9.014	9.113	0.099
10	14	9.108	9.053	-0.055
10	15	9.052	9.115	0.063
15	16	9.025	8.969	-0.056
15	17	9.002	9.064	0.062
15	18	9.040	9.163	0.123
15	19	9.008	9.048	0.040
15	20	9.041	9.025	-0.016
30	21	8.943	9.134	0.191
30	22	8.973	9.151	0.178
30	23	9.053	9.122	0.069
30	24	9.041	9.096	0.055
30	25	8.973	9.045	0.072
35	26	9.015	8.996	-0.019
35	27	8.946	9.006	0.060
35	28	8.937	9.020	0.083
35	29	9.047	9.011	-0.036
35	30	9.050	9.076	0.026
50	31	9.047	9.107	0.060
50	32	9.078	9.060	-0.018
50	33	9.039	9.086	0.047
50	34	9.038	9.089	0.051
50	35	9.018	9.055	0.037
55	36	9.000	9.127	0.127
55	37	9.072	9.075	0.003
55	38	9.063	9.015	-0.048
55	39	9.233	9.047	-0.186
55	40	9.095	9.018	-0.077
100	41	9.043	9.084	0.041
100	42	8.981	9.097	0.116
100	43	8.974	9.050	0.076
100	44	9.033	8.996	-0.037
100	45	9.081	9.077	-0.004
105	46	9.047	9.089	0.042
105	47	9.012	9.015	0.003
105	48	9.091	9.063	-0.028
105	49	9.159	9.053	-0.106
105	50	9.085	9.050	-0.035
105	51	9.074	9.011	-0.063
105	52	9.011	8.957	-0.054
105	53	8.979	9.028	0.049
105	54	8.977	8.941	-0.036
105	55	8.979	9.054	0.075
105	56	8.994	9.040	0.046
105	57	9.059	9.029	-0.030
105	58	9.095	9.035	-0.060
105	59	9.040	9.033	-0.007
105	60	9.060	9.052	-0.008
105	61	9.041	8.931	-0.110
105	62	9.052	8.986	-0.066
105	63	8.969	9.082	0.113
105	64	9.060	9.028	-0.032
105	65	9.110	8.994	-0.116
105	66	9.045	9.030	-0.015
105	67	9.017	8.963	-0.054
	Max	9.233	9.274	0.334
	Average	9.033	9.051	0.018
	Min	8.937	8.931	-0.186
	Std Dev	0.051	0.055	0.080



	13.36_SPB_DT_0ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	8.986	8.959	9.029	9.053	8.969	9.045	8.996	9.055	9.015	8.996	8.931
Average	9.014	9.042	9.056	9.132	9.054	9.110	9.022	9.079	9.056	9.061	9.021
Max	9.060	9.073	9.091	9.274	9.163	9.151	9.076	9.107	9.127	9.097	9.089
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

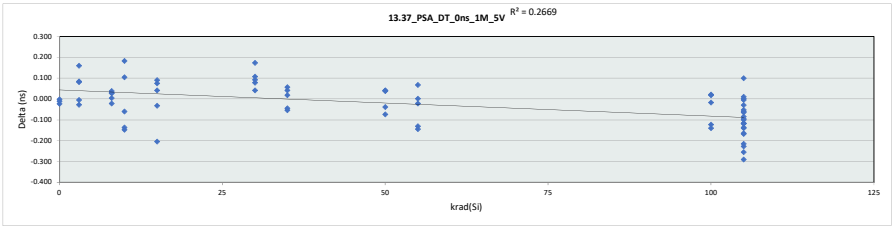


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

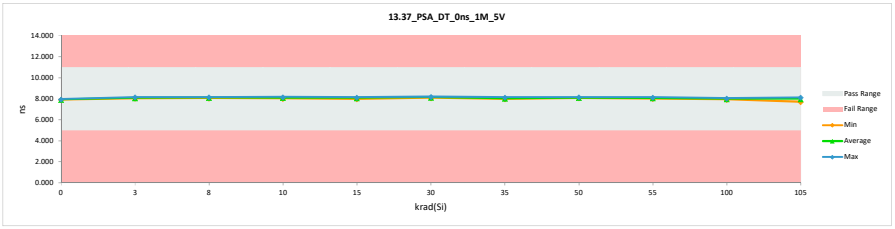
	13.37_PSA_DT_0ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.952	7.932	-0.020
0	992	7.947	7.948	0.001
0	993	7.984	7.976	-0.008
3	1	8.086	8.062	-0.024
3	2	8.094	8.093	-0.001
3	3	8.057	8.142	0.085
3	4	7.970	8.057	0.087
3	5	8.021	8.183	0.162
8	6	8.174	8.156	-0.018
8	7	8.057	8.065	0.008
8	8	8.105	8.137	0.032
8	9	8.085	8.116	0.031
8	10	8.138	8.180	0.042
10	11	8.223	8.078	-0.145
10	12	8.003	8.188	0.185
10	13	8.042	8.149	0.107
10	14	8.182	8.048	-0.134
10	15	8.199	8.142	-0.057
15	16	8.194	7.993	-0.201
15	17	8.096	8.067	-0.029
15	18	8.084	8.162	0.078
15	19	8.056	8.101	0.045
15	20	8.068	8.162	0.094
30	21	8.000	8.176	0.176
30	22	7.996	8.091	0.095
30	23	8.154	8.199	0.045
30	24	8.097	8.208	0.111
30	25	8.023	8.104	0.081
35	26	7.993	8.037	0.044
35	27	7.976	7.998	0.022
35	28	8.064	8.023	-0.041
35	29	8.096	8.155	0.059
35	30	8.144	8.093	-0.051
50	31	8.041	8.083	0.042
50	32	8.180	8.110	-0.070
50	33	8.145	8.109	-0.036
50	34	8.052	8.097	0.045
50	35	8.141	8.184	0.043
55	36	8.103	8.174	0.071
55	37	8.169	8.027	-0.142
55	38	8.078	8.083	0.005
55	39	8.165	8.038	-0.127
55	40	8.145	8.127	-0.018
100	41	8.049	8.035	-0.014
100	42	8.044	8.066	0.022
100	43	7.991	8.016	0.025
100	44	8.064	7.944	-0.120
100	45	8.159	8.022	-0.137
105	46	8.097	8.111	0.014
105	47	8.155	7.991	-0.164
105	48	8.176	8.042	-0.134
105	49	8.097	8.040	-0.057
105	50	8.197	8.100	-0.097
105	51	8.198	8.149	-0.049
105	52	8.093	7.932	-0.161
105	53	8.044	7.982	-0.062
105	54	8.011	7.724	-0.287
105	55	8.019	8.122	0.103
105	56	8.166	8.140	-0.026
105	57	8.116	8.024	-0.092
105	58	8.142	8.027	-0.115
105	59	8.109	7.995	-0.114
105	60	8.106	8.025	-0.081
105	61	8.081	7.944	-0.137
105	62	8.198	7.947	-0.251
105	63	8.095	8.094	-0.001
105	64	8.039	8.044	0.005
105	65	8.192	7.980	-0.212
105	66	8.049	7.936	-0.113
105	67	8.153	7.929	-0.224
	Max	8.223	8.208	0.185
	Average	8.092	8.066	-0.026
	Min	7.947	7.724	-0.287
	Std Dev	0.070	0.087	0.102



	13.37_PSA_DT_0ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	7.932	8.057	8.065	8.048	7.993	8.091	7.998	8.083	8.027	7.944	7.724
Average	7.952	8.107	8.131	8.121	8.097	8.156	8.061	8.117	8.090	8.017	8.013
Max	7.976	8.183	8.180	8.188	8.162	8.208	8.155	8.184	8.174	8.066	8.149
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

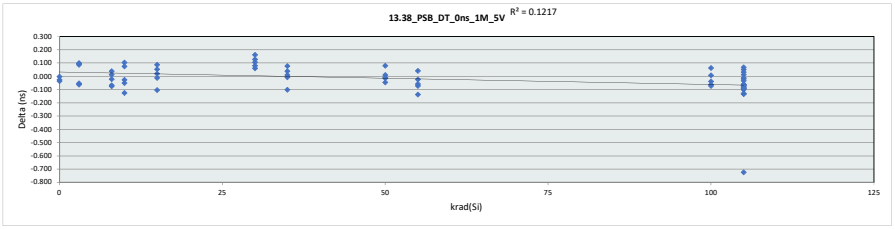


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

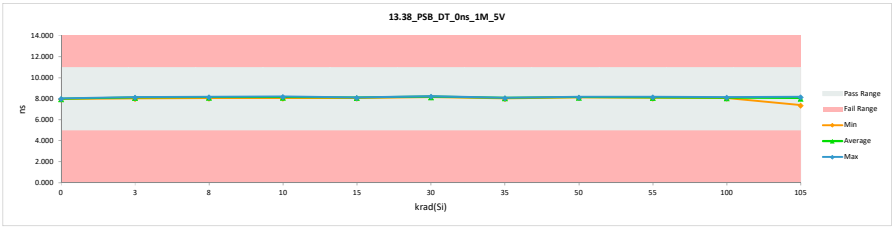
	13.38_PSB_DT_0ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.001	7.978	-0.023
0	992	8.044	8.013	-0.031
0	993	8.042	8.044	0.002
3	1	8.094	8.045	-0.049
3	2	8.156	8.097	-0.059
3	3	8.069	8.172	0.103
3	4	8.064	8.154	0.090
3	5	8.059	8.159	0.100
8	6	8.217	8.155	-0.062
8	7	8.136	8.066	-0.070
8	8	8.141	8.184	0.043
8	9	8.169	8.152	-0.017
8	10	8.155	8.172	0.017
10	11	8.188	8.141	-0.047
10	12	8.114	8.223	0.109
10	13	8.089	8.168	0.079
10	14	8.200	8.079	-0.121
10	15	8.197	8.175	-0.022
15	16	8.156	8.057	-0.099
15	17	8.078	8.136	0.058
15	18	8.140	8.132	-0.008
15	19	8.095	8.119	0.024
15	20	8.042	8.133	0.091
30	21	8.091	8.176	0.085
30	22	8.065	8.197	0.132
30	23	8.170	8.234	0.064
30	24	8.072	8.239	0.167
30	25	8.066	8.177	0.111
35	26	8.034	8.048	0.014
35	27	8.014	8.095	0.081
35	28	8.044	8.088	0.044
35	29	8.113	8.110	-0.003
35	30	8.199	8.101	-0.098
50	31	8.172	8.131	-0.041
50	32	8.159	8.174	0.015
50	33	8.171	8.166	-0.005
50	34	8.062	8.147	0.085
50	35	8.181	8.171	-0.010
55	36	8.147	8.193	0.046
55	37	8.150	8.082	-0.068
55	38	8.141	8.122	-0.019
55	39	8.228	8.096	-0.132
55	40	8.184	8.131	-0.053
100	41	8.100	8.066	-0.034
100	42	8.090	8.157	0.067
100	43	8.069	8.081	0.012
100	44	8.137	8.079	-0.058
100	45	8.140	8.073	-0.067
105	46	8.127	8.183	0.056
105	47	8.145	8.116	-0.029
105	48	8.165	8.151	-0.014
105	49	8.203	8.134	-0.069
105	50	8.222	8.161	-0.061
105	51	8.215	8.160	-0.055
105	52	8.195	8.069	-0.126
105	53	8.059	8.051	-0.008
105	54	8.129	7.409	-0.720
105	55	8.084	8.156	0.072
105	56	8.100	8.135	0.035
105	57	8.143	8.059	-0.084
105	58	8.178	8.119	-0.059
105	59	8.144	8.067	-0.077
105	60	8.173	8.077	-0.096
105	61	8.130	8.061	-0.069
105	62	8.139	8.054	-0.085
105	63	8.119	8.135	0.016
105	64	8.091	8.029	-0.062
105	65	8.179	8.050	-0.129
105	66	8.101	8.015	-0.086
105	67	8.125	7.997	-0.128
	Max	8.228	8.239	0.167
	Average	8.126	8.107	-0.019
	Min	8.001	7.409	-0.720
	Std Dev	0.055	0.102	0.111



	13.38_PSB_DT_0ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	7.978	8.045	8.066	8.079	8.057	8.176	8.048	8.131	8.082	8.066	7.409
Average	8.012	8.125	8.146	8.157	8.115	8.205	8.088	8.158	8.125	8.091	8.063
Max	8.044	8.172	8.184	8.223	8.136	8.239	8.110	8.174	8.193	8.157	8.183
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

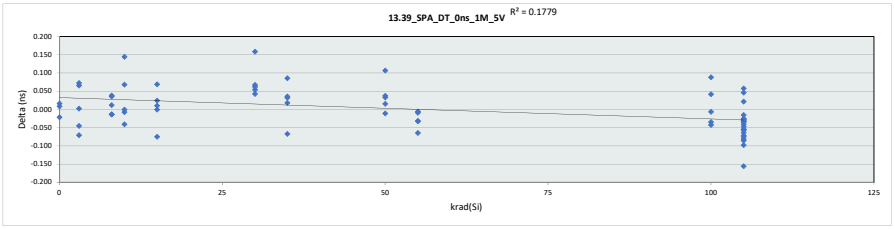


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

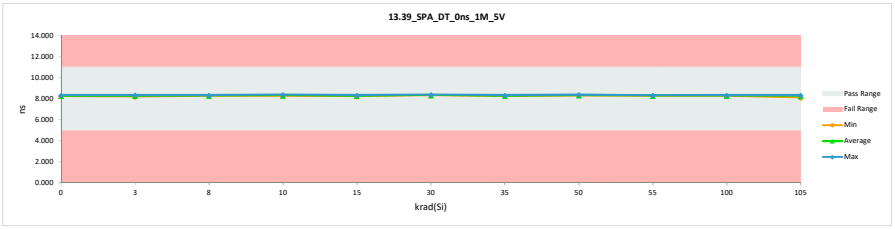
	13.39_SPA_DT_0ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.288	8.268	-0.020
0	992	8.283	8.293	0.010
0	993	8.336	8.354	0.018
3	1	8.291	8.222	-0.069
3	2	8.353	8.310	-0.043
3	3	8.286	8.360	0.074
3	4	8.294	8.298	0.004
3	5	8.292	8.359	0.067
8	6	8.321	8.309	-0.012
8	7	8.325	8.313	-0.012
8	8	8.294	8.334	0.040
8	9	8.312	8.349	0.037
8	10	8.298	8.312	0.014
10	11	8.345	8.339	-0.006
10	12	8.258	8.404	0.146
10	13	8.286	8.356	0.070
10	14	8.349	8.310	-0.039
10	15	8.353	8.354	0.001
15	16	8.334	8.261	-0.073
15	17	8.320	8.332	0.012
15	18	8.284	8.355	0.071
15	19	8.315	8.341	0.026
15	20	8.258	8.259	0.001
30	21	8.224	8.384	0.160
30	22	8.298	8.342	0.044
30	23	8.348	8.404	0.056
30	24	8.288	8.352	0.064
30	25	8.282	8.351	0.069
35	26	8.258	8.292	0.034
35	27	8.258	8.278	0.020
35	28	8.215	8.302	0.087
35	29	8.307	8.344	0.037
35	30	8.368	8.303	-0.065
50	31	8.288	8.396	0.108
50	32	8.365	8.356	-0.009
50	33	8.318	8.353	0.035
50	34	8.297	8.336	0.039
50	35	8.332	8.349	0.017
55	36	8.341	8.337	-0.004
55	37	8.319	8.312	-0.007
55	38	8.327	8.297	-0.030
55	39	8.390	8.327	-0.063
55	40	8.340	8.310	-0.030
100	41	8.315	8.310	-0.005
100	42	8.262	8.352	0.090
100	43	8.260	8.303	0.043
100	44	8.326	8.293	-0.033
100	45	8.343	8.302	-0.041
105	46	8.334	8.305	-0.029
105	47	8.257	8.305	0.048
105	48	8.366	8.304	-0.062
105	49	8.335	8.310	-0.025
105	50	8.387	8.303	-0.084
105	51	8.352	8.329	-0.023
105	52	8.315	8.245	-0.070
105	53	8.288	8.255	-0.033
105	54	8.278	8.124	-0.154
105	55	8.298	8.357	0.059
105	56	8.340	8.313	-0.027
105	57	8.328	8.314	-0.014
105	58	8.368	8.289	-0.079
105	59	8.358	8.313	-0.045
105	60	8.332	8.280	-0.052
105	61	8.328	8.232	-0.096
105	62	8.330	8.291	-0.039
105	63	8.300	8.323	0.023
105	64	8.325	8.271	-0.054
105	65	8.320	8.289	-0.031
105	66	8.328	8.255	-0.073
105	67	8.313	8.258	-0.055
	Max	8.390	8.404	0.160
	Average	8.313	8.313	0.000
	Min	8.215	8.124	-0.154
	Std Dev	0.036	0.045	0.058



	13.39_SPA_DT_0ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	8.268	8.222	8.309	8.310	8.259	8.342	8.278	8.336	8.297	8.293	8.124
Average	8.305	8.310	8.323	8.353	8.310	8.367	8.304	8.358	8.317	8.312	8.285
Max	8.354	8.360	8.349	8.404	8.355	8.404	8.344	8.396	8.337	8.352	8.357
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

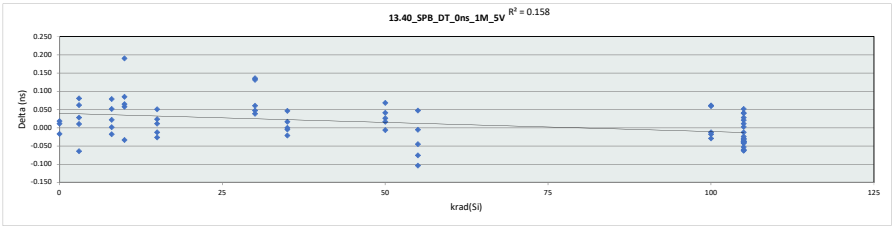


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

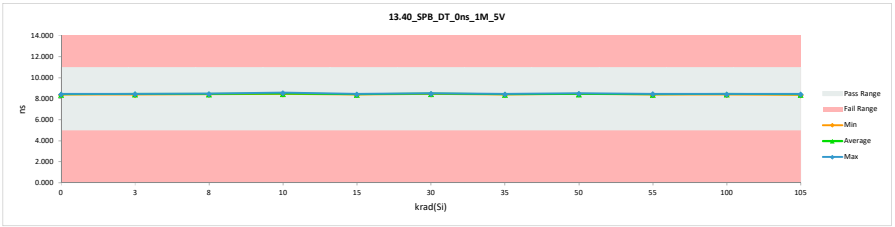
	13.40_SPB_DT_0ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.421	8.434	0.013
0	992	8.433	8.418	-0.015
0	993	8.457	8.477	0.020
3	1	8.458	8.395	-0.063
3	2	8.459	8.471	0.012
3	3	8.387	8.469	0.082
3	4	8.390	8.454	0.064
3	5	8.453	8.482	0.029
8	6	8.464	8.448	-0.016
8	7	8.450	8.453	0.003
8	8	8.376	8.456	0.080
8	9	8.438	8.461	0.023
8	10	8.447	8.500	0.053
10	11	8.429	8.495	0.066
10	12	8.388	8.580	0.192
10	13	8.418	8.504	0.086
10	14	8.488	8.456	-0.032
10	15	8.439	8.498	0.059
15	16	8.435	8.410	-0.025
15	17	8.430	8.443	0.013
15	18	8.424	8.476	0.052
15	19	8.431	8.456	0.025
15	20	8.447	8.436	-0.011
30	21	8.376	8.513	0.137
30	22	8.407	8.540	0.133
30	23	8.463	8.503	0.040
30	24	8.429	8.478	0.049
30	25	8.403	8.465	0.062
35	26	8.428	8.425	-0.003
35	27	8.402	8.420	0.018
35	28	8.383	8.431	0.048
35	29	8.457	8.437	-0.020
35	30	8.468	8.469	0.001
50	31	8.444	8.514	0.070
50	32	8.470	8.465	-0.005
50	33	8.442	8.460	0.018
50	34	8.437	8.465	0.028
50	35	8.443	8.486	0.043
55	36	8.431	8.480	0.049
55	37	8.464	8.460	-0.004
55	38	8.471	8.397	-0.074
55	39	8.567	8.465	-0.102
55	40	8.477	8.434	-0.043
100	41	8.461	8.450	-0.011
100	42	8.414	8.475	0.061
100	43	8.397	8.460	0.063
100	44	8.434	8.418	-0.016
100	45	8.487	8.459	-0.028
105	46	8.436	8.465	0.029
105	47	8.415	8.437	0.022
105	48	8.484	8.448	-0.036
105	49	8.516	8.465	-0.051
105	50	8.478	8.438	-0.040
105	51	8.459	8.423	-0.036
105	52	8.426	8.385	-0.041
105	53	8.418	8.431	0.013
105	54	8.396	8.400	0.004
105	55	8.414	8.456	0.042
105	56	8.410	8.452	0.042
105	57	8.474	8.436	-0.038
105	58	8.484	8.423	-0.061
105	59	8.472	8.444	-0.028
105	60	8.453	8.442	-0.011
105	61	8.455	8.394	-0.061
105	62	8.454	8.418	-0.036
105	63	8.402	8.455	0.053
105	64	8.462	8.430	-0.032
105	65	8.476	8.418	-0.058
105	66	8.447	8.418	-0.029
105	67	8.424	8.402	-0.022
	Max	8.567	8.580	0.192
	Average	8.441	8.453	0.012
	Min	8.376	8.385	-0.102
	Std Dev	0.034	0.035	0.053



	13.40_SPB_DT_0ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	8.418	8.395	8.448	8.456	8.410	8.465	8.420	8.460	8.397	8.418	8.385
Average	8.443	8.454	8.464	8.507	8.444	8.500	8.436	8.478	8.447	8.452	8.431
Max	8.477	8.482	8.500	8.580	8.476	8.540	8.469	8.514	8.480	8.475	8.465
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

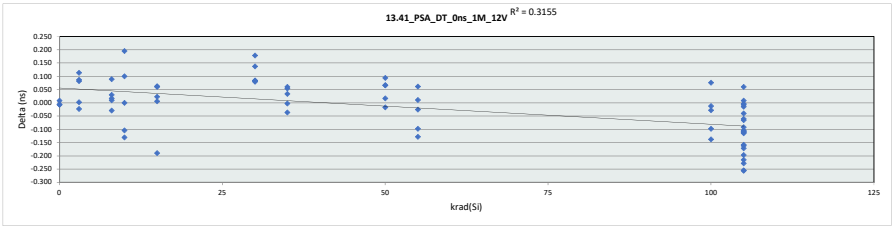


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

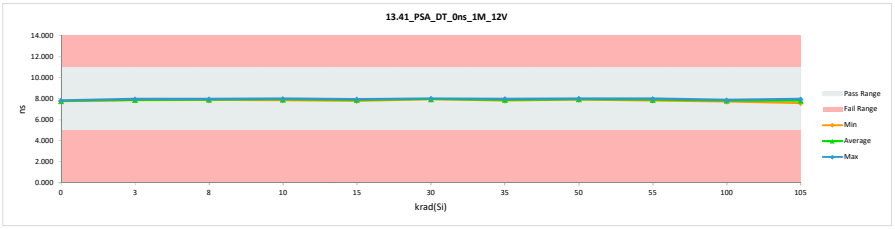
	13.41_PSA_DT_0ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.760	7.770	0.010
0	992	7.779	7.775	-0.004
0	993	7.847	7.842	-0.005
3	1	7.894	7.873	-0.021
3	2	7.859	7.943	0.084
3	3	7.910	7.914	0.004
3	4	7.784	7.873	0.089
3	5	7.873	7.988	0.115
8	6	7.972	7.945	-0.027
8	7	7.879	7.891	0.012
8	8	7.918	7.950	0.032
8	9	7.866	7.957	0.091
8	10	7.966	7.985	0.019
10	11	8.037	7.936	-0.101
10	12	7.821	8.019	0.198
10	13	7.863	7.965	0.102
10	14	8.004	7.876	-0.128
10	15	7.966	7.968	0.002
15	16	8.008	7.821	-0.187
15	17	7.880	7.888	0.008
15	18	7.935	7.960	0.025
15	19	7.890	7.955	0.065
15	20	7.908	7.970	0.062
30	21	7.815	7.995	0.180
30	22	7.806	7.946	0.140
30	23	7.966	8.048	0.082
30	24	7.918	8.005	0.087
30	25	7.863	7.948	0.085
35	26	7.827	7.883	0.056
35	27	7.804	7.840	0.036
35	28	7.881	7.847	-0.034
35	29	7.940	8.002	0.062
35	30	7.940	7.940	0.000
50	31	7.870	7.938	0.068
50	32	7.985	7.970	-0.015
50	33	7.950	7.969	0.019
50	34	7.883	7.952	0.069
50	35	7.942	8.038	0.096
55	36	7.952	8.016	0.064
55	37	7.948	7.853	-0.095
55	38	7.914	7.891	-0.023
55	39	8.010	7.884	-0.126
55	40	7.949	7.962	0.013
100	41	7.882	7.857	-0.025
100	42	7.875	7.865	-0.010
100	43	7.813	7.891	0.078
100	44	7.896	7.761	-0.135
100	45	7.944	7.849	-0.095
105	46	7.936	7.935	-0.001
105	47	7.963	7.807	-0.156
105	48	7.996	7.827	-0.169
105	49	7.933	7.824	-0.109
105	50	8.037	7.929	-0.108
105	51	7.996	7.984	-0.012
105	52	7.951	7.738	-0.213
105	53	7.883	7.825	-0.058
105	54	7.848	7.596	-0.252
105	55	7.853	7.916	0.063
105	56	7.987	7.949	-0.038
105	57	7.939	7.838	-0.101
105	58	7.949	7.886	-0.063
105	59	7.948	7.843	-0.105
105	60	7.973	7.861	-0.112
105	61	7.953	7.794	-0.159
105	62	8.039	7.786	-0.253
105	63	7.916	7.927	0.011
105	64	7.875	7.870	-0.005
105	65	8.011	7.817	-0.194
105	66	7.876	7.786	-0.090
105	67	7.980	7.754	-0.226
	Max	8.039	8.048	0.198
	Average	7.915	7.896	-0.019
	Min	7.760	7.596	-0.253
	Std Dev	0.066	0.083	0.102



	13.41_PSA_DT_0ns_1M_12V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	7.770	7.873	7.891	7.876	7.821	7.946	7.840	7.938	7.853	7.761	7.596
Average	7.796	7.918	7.946	7.953	7.919	7.988	7.902	7.973	7.921	7.845	7.841
Max	7.842	7.988	7.985	8.019	7.970	8.048	8.002	8.038	8.016	7.891	7.984
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

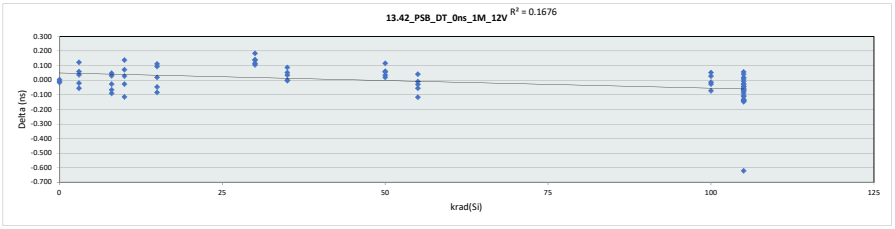


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

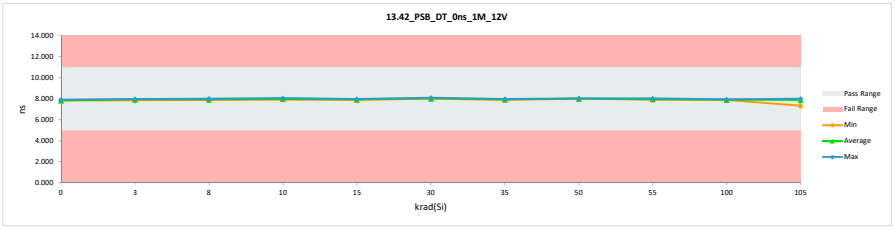
	13.42_PSB_DT_0ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.819	7.826	0.007
0	992	7.850	7.847	-0.003
0	993	7.923	7.910	-0.013
3	1	7.915	7.863	-0.052
3	2	7.957	7.940	-0.017
3	3	7.926	7.965	0.039
3	4	7.863	7.989	0.126
3	5	7.911	7.972	0.061
8	6	8.022	7.936	-0.086
8	7	7.955	7.893	-0.062
8	8	7.955	8.006	0.051
8	9	7.949	7.982	0.033
8	10	7.991	7.968	-0.023
10	11	8.004	7.980	-0.024
10	12	7.940	8.081	0.141
10	13	7.919	7.995	0.076
10	14	8.046	7.934	-0.112
10	15	7.962	7.993	0.031
15	16	7.962	7.882	-0.080
15	17	7.856	7.970	0.114
15	18	7.986	7.942	-0.044
15	19	7.951	7.974	0.023
15	20	7.887	7.985	0.098
30	21	7.896	8.003	0.107
30	22	7.871	8.057	0.186
30	23	7.981	8.099	0.118
30	24	7.886	8.028	0.142
30	25	7.900	8.040	0.140
35	26	7.867	7.904	0.037
35	27	7.840	7.931	0.091
35	28	7.871	7.927	0.056
35	29	7.948	7.951	0.003
35	30	7.988	7.989	0.001
50	31	7.974	8.011	0.037
50	32	7.973	8.032	0.059
50	33	7.960	8.025	0.065
50	34	7.895	8.013	0.118
50	35	8.000	8.022	0.022
55	36	7.987	8.032	0.045
55	37	7.974	7.922	-0.052
55	38	7.965	7.940	-0.025
55	39	8.074	7.960	-0.114
55	40	7.972	7.967	-0.005
100	41	7.926	7.903	-0.023
100	42	7.928	7.959	0.031
100	43	7.892	7.947	0.055
100	44	7.963	7.893	-0.070
100	45	7.923	7.912	-0.011
105	46	7.957	8.016	0.059
105	47	7.978	7.938	-0.040
105	48	7.983	7.924	-0.059
105	49	8.034	7.931	-0.103
105	50	8.069	7.998	-0.071
105	51	8.026	8.004	-0.022
105	52	8.018	7.884	-0.134
105	53	7.897	7.894	-0.003
105	54	7.949	7.332	-0.617
105	55	7.912	7.957	0.045
105	56	7.942	7.953	0.011
105	57	7.972	7.843	-0.129
105	58	7.998	7.975	-0.023
105	59	7.978	7.940	-0.038
105	60	8.008	7.865	-0.143
105	61	7.986	7.902	-0.084
105	62	7.987	7.877	-0.110
105	63	7.944	7.967	0.023
105	64	7.925	7.873	-0.052
105	65	8.021	7.882	-0.139
105	66	7.924	7.859	-0.065
105	67	7.957	7.824	-0.133
	Max	8.074	8.099	0.186
	Average	7.950	7.942	-0.008
	Min	7.819	7.332	-0.617
	Std Dev	0.054	0.095	0.108



	13.42_PSB_DT_0ns_1M_12V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	7.826	7.863	7.893	7.934	7.882	8.003	7.904	8.011	7.922	7.893	7.332
Average	7.861	7.946	7.957	7.997	7.951	8.045	7.940	8.021	7.964	7.923	7.893
Max	7.910	7.989	8.006	8.081	7.985	8.099	7.989	8.032	8.032	7.959	8.016
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

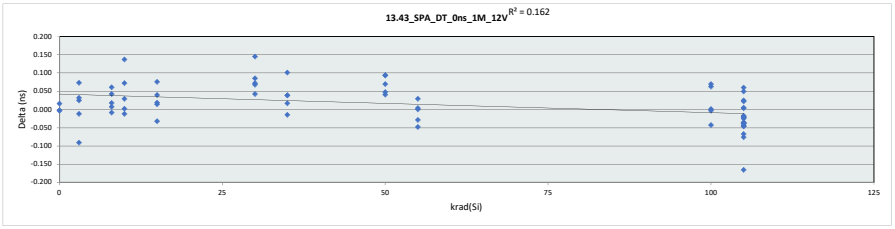


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

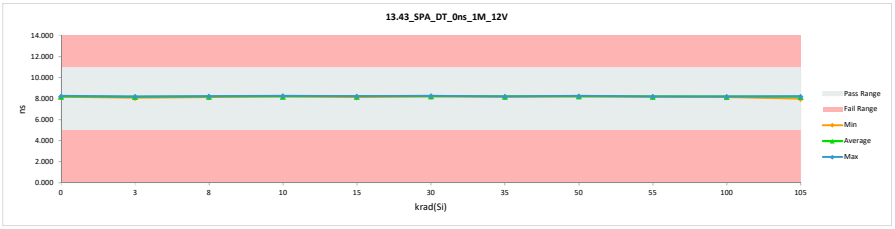
	13.43_SPA_DT_0ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.168	8.185	0.017
0	992	8.196	8.194	-0.002
0	993	8.263	8.262	-0.001
3	1	8.198	8.108	-0.090
3	2	8.229	8.218	-0.011
3	3	8.181	8.207	0.026
3	4	8.141	8.174	0.033
3	5	8.154	8.228	0.074
8	6	8.176	8.169	-0.007
8	7	8.196	8.204	0.008
8	8	8.167	8.210	0.043
8	9	8.177	8.239	0.062
8	10	8.186	8.205	0.019
10	11	8.205	8.208	0.003
10	12	8.149	8.287	0.138
10	13	8.150	8.223	0.073
10	14	8.230	8.219	-0.011
10	15	8.192	8.222	0.030
15	16	8.188	8.157	-0.031
15	17	8.172	8.249	0.077
15	18	8.184	8.225	0.041
15	19	8.217	8.232	0.015
15	20	8.153	8.173	0.020
30	21	8.110	8.256	0.146
30	22	8.170	8.243	0.073
30	23	8.216	8.285	0.069
30	24	8.163	8.206	0.043
30	25	8.162	8.248	0.086
35	26	8.165	8.205	0.040
35	27	8.148	8.188	0.040
35	28	8.105	8.207	0.102
35	29	8.196	8.214	0.018
35	30	8.230	8.216	-0.014
50	31	8.170	8.265	0.095
50	32	8.218	8.260	0.042
50	33	8.157	8.251	0.094
50	34	8.187	8.258	0.071
50	35	8.192	8.241	0.049
55	36	8.214	8.219	0.005
55	37	8.169	8.199	0.030
55	38	8.209	8.181	-0.028
55	39	8.273	8.226	-0.047
55	40	8.213	8.214	0.001
100	41	8.212	8.214	0.002
100	42	8.145	8.216	0.071
100	43	8.148	8.212	0.064
100	44	8.212	8.170	-0.042
100	45	8.199	8.197	-0.002
105	46	8.211	8.190	-0.021
105	47	8.144	8.205	0.061
105	48	8.224	8.181	-0.043
105	49	8.223	8.188	-0.035
105	50	8.255	8.189	-0.066
105	51	8.200	8.226	0.026
105	52	8.208	8.163	-0.045
105	53	8.185	8.167	-0.018
105	54	8.182	8.018	-0.164
105	55	8.189	8.212	0.023
105	56	8.199	8.205	0.006
105	57	8.197	8.181	-0.016
105	58	8.244	8.207	-0.037
105	59	8.229	8.234	0.005
105	60	8.219	8.181	-0.038
105	61	8.216	8.141	-0.075
105	62	8.209	8.188	-0.021
105	63	8.177	8.227	0.050
105	64	8.219	8.175	-0.044
105	65	8.217	8.193	-0.024
105	66	8.201	8.166	-0.035
105	67	8.192	8.156	-0.036
	Max	8.273	8.287	0.146
	Average	8.191	8.205	0.014
	Min	8.105	8.018	-0.164
	Std Dev	0.033	0.040	0.054



	13.43_SPA_DT_0ns_1M_12V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	8.185	8.108	8.169	8.208	8.157	8.206	8.188	8.241	8.181	8.170	8.018
Average	8.214	8.187	8.205	8.232	8.207	8.248	8.206	8.255	8.208	8.202	8.182
Max	8.262	8.228	8.239	8.287	8.249	8.285	8.216	8.265	8.226	8.216	8.234
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

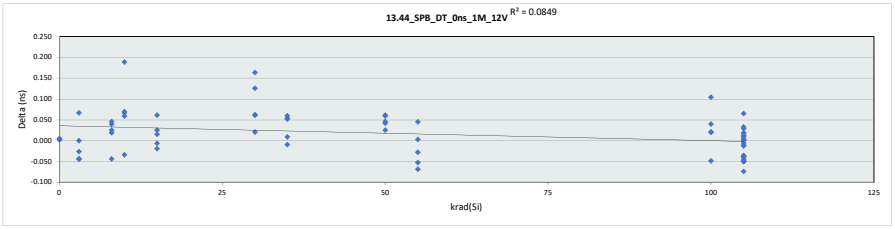


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

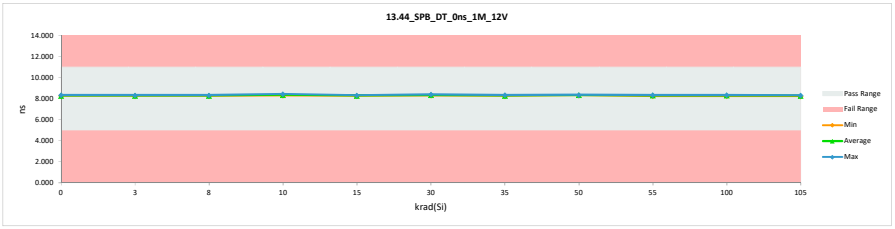
	13.44_SPB_DT_0ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.297	8.303	0.006
0	992	8.294	8.298	0.004
0	993	8.360	8.363	0.003
3	1	8.323	8.280	-0.043
3	2	8.356	8.357	0.001
3	3	8.334	8.291	-0.043
3	4	8.257	8.325	0.068
3	5	8.367	8.342	-0.025
8	6	8.338	8.295	-0.043
8	7	8.306	8.326	0.020
8	8	8.269	8.310	0.041
8	9	8.308	8.334	0.026
8	10	8.307	8.354	0.047
10	11	8.307	8.367	0.060
10	12	8.266	8.456	0.190
10	13	8.291	8.359	0.068
10	14	8.364	8.331	-0.033
10	15	8.283	8.354	0.071
15	16	8.299	8.281	-0.018
15	17	8.282	8.344	0.062
15	18	8.319	8.345	0.026
15	19	8.327	8.343	0.016
15	20	8.324	8.319	-0.005
30	21	8.249	8.376	0.127
30	22	8.267	8.431	0.164
30	23	8.318	8.381	0.063
30	24	8.306	8.328	0.022
30	25	8.274	8.336	0.062
35	26	8.292	8.302	0.010
35	27	8.260	8.315	0.055
35	28	8.242	8.295	0.053
35	29	8.326	8.318	-0.008
35	30	8.297	8.358	0.061
50	31	8.315	8.375	0.060
50	32	8.324	8.350	0.026
50	33	8.289	8.351	0.062
50	34	8.318	8.361	0.043
50	35	8.302	8.349	0.047
55	36	8.315	8.361	0.046
55	37	8.341	8.345	0.004
55	38	8.328	8.277	-0.051
55	39	8.432	8.365	-0.067
55	40	8.340	8.313	-0.027
100	41	8.326	8.348	0.022
100	42	8.297	8.338	0.041
100	43	8.259	8.364	0.105
100	44	8.326	8.279	-0.047
100	45	8.323	8.345	0.022
105	46	8.318	8.336	0.018
105	47	8.278	8.312	0.034
105	48	8.352	8.308	-0.044
105	49	8.366	8.318	-0.048
105	50	8.346	8.298	-0.048
105	51	8.309	8.319	0.010
105	52	8.319	8.282	-0.037
105	53	8.289	8.319	0.030
105	54	8.295	8.297	0.002
105	55	8.289	8.302	0.013
105	56	8.299	8.319	0.020
105	57	8.334	8.295	-0.039
105	58	8.346	8.335	-0.011
105	59	8.338	8.342	0.004
105	60	8.340	8.345	0.005
105	61	8.338	8.265	-0.073
105	62	8.331	8.282	-0.049
105	63	8.270	8.336	0.066
105	64	8.311	8.307	-0.004
105	65	8.350	8.302	-0.048
105	66	8.331	8.321	-0.010
105	67	8.298	8.264	-0.034
	Max	8.432	8.456	0.190
	Average	8.313	8.329	0.016
	Min	8.242	8.264	-0.073
	Std Dev	0.033	0.035	0.051



	13.44_SPB_DT_0ns_1M_12V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	8.298	8.280	8.295	8.331	8.281	8.328	8.295	8.349	8.277	8.279	8.264
Average	8.321	8.319	8.324	8.373	8.326	8.370	8.318	8.357	8.332	8.335	8.309
Max	8.363	8.357	8.354	8.456	8.345	8.431	8.358	8.375	8.365	8.364	8.345
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

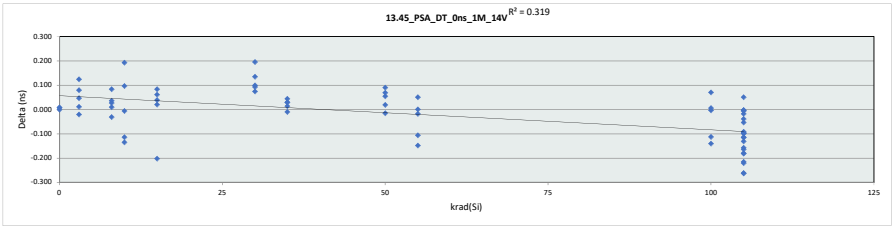


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

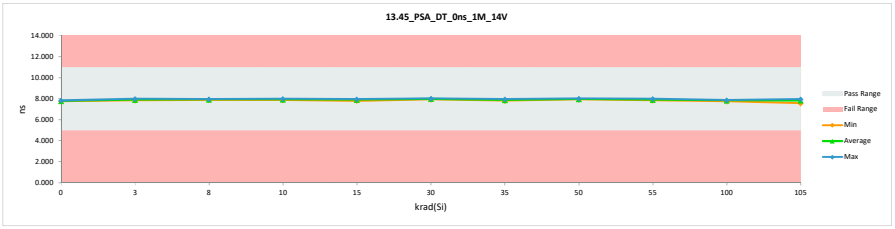
	13.45_PSA_DT_0ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.751	7.760	0.009
0	992	7.778	7.788	0.010
0	993	7.843	7.844	0.001
3	1	7.888	7.869	-0.019
3	2	7.890	7.938	0.048
3	3	7.908	7.921	0.013
3	4	7.784	7.865	0.081
3	5	7.870	7.995	0.125
8	6	7.981	7.952	-0.029
8	7	7.863	7.901	0.038
8	8	7.924	7.952	0.028
8	9	7.868	7.953	0.085
8	10	7.973	7.984	0.011
10	11	8.032	7.920	-0.112
10	12	7.827	8.021	0.194
10	13	7.858	7.956	0.098
10	14	8.013	7.879	-0.134
10	15	7.957	7.952	-0.005
15	16	8.010	7.809	-0.201
15	17	7.882	7.904	0.022
15	18	7.916	7.956	0.040
15	19	7.888	7.951	0.063
15	20	7.902	7.987	0.085
30	21	7.820	8.016	0.196
30	22	7.816	7.952	0.136
30	23	7.955	8.049	0.094
30	24	7.923	7.998	0.075
30	25	7.851	7.951	0.100
35	26	7.832	7.863	0.031
35	27	7.804	7.835	0.031
35	28	7.861	7.853	-0.008
35	29	7.939	7.985	0.046
35	30	7.927	7.942	0.015
50	31	7.871	7.942	0.071
50	32	7.981	7.967	-0.014
50	33	7.953	7.974	0.021
50	34	7.881	7.937	0.056
50	35	7.941	8.032	0.091
55	36	7.956	8.008	0.052
55	37	7.966	7.861	-0.105
55	38	7.910	7.894	-0.016
55	39	8.017	7.871	-0.146
55	40	7.957	7.959	0.002
100	41	7.872	7.870	-0.002
100	42	7.882	7.889	0.007
100	43	7.816	7.888	0.072
100	44	7.900	7.761	-0.139
100	45	7.953	7.842	-0.111
105	46	7.936	7.931	-0.005
105	47	7.978	7.815	-0.163
105	48	8.004	7.824	-0.180
105	49	7.942	7.828	-0.114
105	50	8.039	7.910	-0.129
105	51	7.996	7.979	-0.017
105	52	7.951	7.773	-0.178
105	53	7.892	7.802	-0.090
105	54	7.851	7.590	-0.261
105	55	7.860	7.912	0.052
105	56	7.989	7.951	-0.038
105	57	7.937	7.841	-0.096
105	58	7.943	7.891	-0.052
105	59	7.944	7.848	-0.096
105	60	7.972	7.860	-0.112
105	61	7.947	7.791	-0.156
105	62	8.039	7.779	-0.260
105	63	7.920	7.920	0.000
105	64	7.864	7.862	-0.002
105	65	8.025	7.811	-0.214
105	66	7.884	7.790	-0.094
105	67	7.984	7.765	-0.219
	Max	8.039	8.049	0.196
	Average	7.916	7.895	-0.020
	Min	7.751	7.590	-0.261
	Std Dev	0.067	0.082	0.104



	13.45_PSA_DT_0ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	7.760	7.865	7.901	7.879	7.809	7.951	7.835	7.937	7.861	7.761	7.590
Average	7.797	7.918	7.948	7.946	7.921	7.993	7.896	7.970	7.919	7.850	7.840
Max	7.844	7.995	7.984	8.021	7.987	8.049	7.985	8.032	8.008	7.889	7.979
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

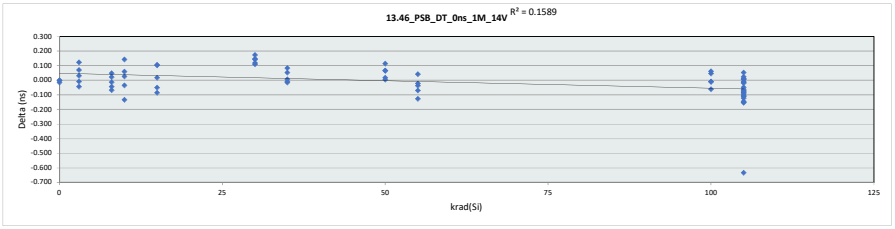


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

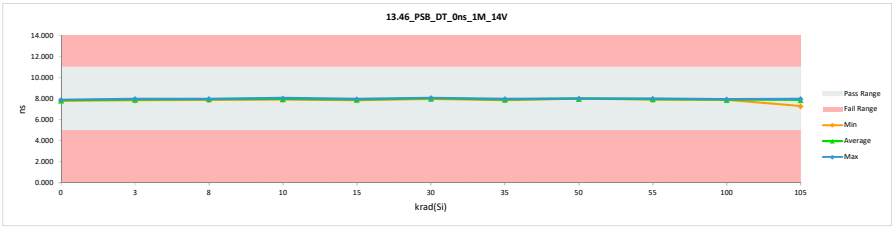
	13.46_PSB_DT_0ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	7.830	7.818	-0.012
0	992	7.853	7.853	0.000
0	993	7.922	7.924	0.002
3	1	7.907	7.866	-0.041
3	2	7.943	7.936	-0.007
3	3	7.938	7.971	0.033
3	4	7.866	7.992	0.126
3	5	7.897	7.970	0.073
8	6	8.023	7.958	-0.065
8	7	7.954	7.912	-0.042
8	8	7.951	7.976	0.025
8	9	7.943	7.993	0.050
8	10	7.990	7.979	-0.011
10	11	8.011	7.979	-0.032
10	12	7.930	8.076	0.146
10	13	7.925	7.986	0.061
10	14	8.055	7.924	-0.131
10	15	7.954	7.984	0.030
15	16	7.967	7.885	-0.082
15	17	7.857	7.962	0.105
15	18	7.986	7.939	-0.047
15	19	7.943	7.963	0.020
15	20	7.883	7.991	0.108
30	21	7.882	8.003	0.121
30	22	7.876	8.052	0.176
30	23	7.983	8.095	0.112
30	24	7.891	8.037	0.146
30	25	7.892	8.041	0.149
35	26	7.872	7.882	0.010
35	27	7.846	7.933	0.087
35	28	7.858	7.913	0.055
35	29	7.955	7.942	-0.013
35	30	7.998	7.992	-0.006
50	31	7.985	8.005	0.020
50	32	7.967	8.035	0.068
50	33	7.957	8.025	0.068
50	34	7.899	8.016	0.117
50	35	8.003	8.011	0.008
55	36	7.984	8.029	0.045
55	37	7.991	7.924	-0.067
55	38	7.981	7.946	-0.035
55	39	8.065	7.941	-0.124
55	40	7.988	7.969	-0.019
100	41	7.924	7.917	-0.007
100	42	7.918	7.967	0.049
100	43	7.892	7.956	0.064
100	44	7.955	7.897	-0.058
100	45	7.922	7.913	-0.009
105	46	7.953	8.008	0.055
105	47	7.950	7.933	-0.017
105	48	7.993	7.926	-0.067
105	49	8.026	7.928	-0.098
105	50	8.067	7.982	-0.085
105	51	8.010	8.000	-0.010
105	52	8.007	7.924	-0.083
105	53	7.897	7.905	0.008
105	54	7.942	7.311	-0.631
105	55	7.937	7.964	0.027
105	56	7.943	7.955	0.012
105	57	7.972	7.853	-0.119
105	58	7.986	7.978	-0.008
105	59	7.972	7.927	-0.045
105	60	8.013	7.863	-0.150
105	61	8.002	7.898	-0.104
105	62	7.990	7.882	-0.108
105	63	7.946	7.963	0.017
105	64	7.928	7.869	-0.059
105	65	8.025	7.883	-0.142
105	66	7.935	7.860	-0.075
105	67	7.965	7.816	-0.149
	Max	8.067	8.095	0.176
	Average	7.950	7.942	-0.008
	Min	7.830	7.311	-0.631
	Std Dev	0.054	0.096	0.109



	13.46_PSB_DT_0ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	7.818	7.866	7.912	7.924	7.885	8.003	7.882	8.005	7.924	7.897	7.311
Average	7.865	7.947	7.964	7.990	7.948	8.046	7.932	8.018	7.962	7.930	7.892
Max	7.924	7.992	7.993	8.076	7.991	8.095	7.992	8.035	8.029	7.967	8.008
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

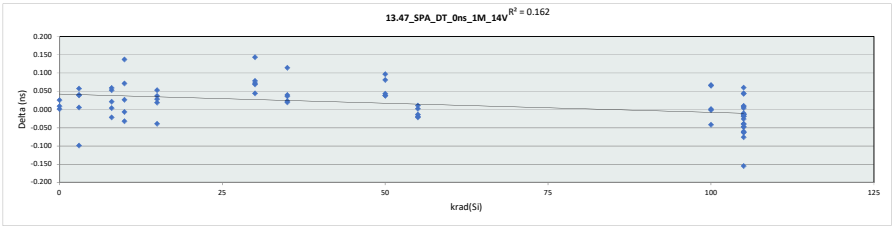


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

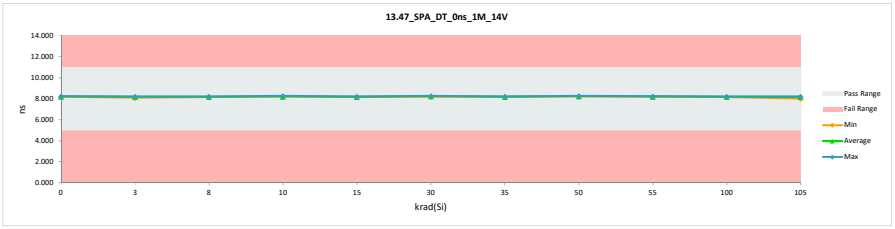
	13.47_SPA_DT_0ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.156	8.183	0.027
0	992	8.184	8.194	0.010
0	993	8.261	8.263	0.002
3	1	8.201	8.103	-0.098
3	2	8.191	8.198	0.007
3	3	8.173	8.231	0.058
3	4	8.143	8.183	0.040
3	5	8.187	8.228	0.041
8	6	8.191	8.170	-0.021
8	7	8.182	8.204	0.022
8	8	8.165	8.219	0.054
8	9	8.173	8.233	0.060
8	10	8.190	8.195	0.005
10	11	8.218	8.212	-0.006
10	12	8.146	8.284	0.138
10	13	8.159	8.231	0.072
10	14	8.244	8.213	-0.031
10	15	8.196	8.224	0.028
15	16	8.189	8.151	-0.038
15	17	8.177	8.231	0.054
15	18	8.185	8.223	0.038
15	19	8.211	8.231	0.020
15	20	8.147	8.176	0.029
30	21	8.114	8.258	0.144
30	22	8.173	8.243	0.070
30	23	8.213	8.286	0.073
30	24	8.161	8.206	0.045
30	25	8.173	8.252	0.079
35	26	8.161	8.202	0.041
35	27	8.147	8.184	0.037
35	28	8.087	8.202	0.115
35	29	8.193	8.217	0.024
35	30	8.195	8.216	0.021
50	31	8.175	8.273	0.098
50	32	8.216	8.255	0.039
50	33	8.168	8.250	0.082
50	34	8.196	8.235	0.039
50	35	8.193	8.237	0.044
55	36	8.217	8.220	0.003
55	37	8.190	8.202	0.012
55	38	8.208	8.190	-0.018
55	39	8.263	8.242	-0.021
55	40	8.224	8.211	-0.013
100	41	8.214	8.214	0.000
100	42	8.148	8.216	0.068
100	43	8.138	8.204	0.066
100	44	8.218	8.177	-0.041
100	45	8.196	8.198	0.002
105	46	8.200	8.175	-0.025
105	47	8.136	8.197	0.061
105	48	8.231	8.184	-0.047
105	49	8.201	8.188	-0.013
105	50	8.260	8.198	-0.062
105	51	8.183	8.228	0.045
105	52	8.214	8.175	-0.039
105	53	8.180	8.171	-0.009
105	54	8.165	8.011	-0.154
105	55	8.195	8.206	0.011
105	56	8.196	8.204	0.008
105	57	8.200	8.183	-0.017
105	58	8.243	8.205	-0.038
105	59	8.225	8.230	0.005
105	60	8.217	8.155	-0.062
105	61	8.217	8.142	-0.075
105	62	8.212	8.198	-0.014
105	63	8.177	8.221	0.044
105	64	8.189	8.177	-0.012
105	65	8.212	8.194	-0.018
105	66	8.228	8.169	-0.059
105	67	8.198	8.152	-0.046
	Max	8.263	8.286	0.144
	Average	8.190	8.205	0.014
	Min	8.087	8.011	-0.154
	Std Dev	0.033	0.041	0.053



	13.47_SPA_DT_0ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	8.183	8.103	8.170	8.212	8.151	8.206	8.184	8.235	8.190	8.177	8.011
Average	8.213	8.189	8.204	8.233	8.202	8.249	8.204	8.250	8.213	8.202	8.180
Max	8.263	8.231	8.233	8.284	8.231	8.286	8.217	8.273	8.242	8.216	8.230
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

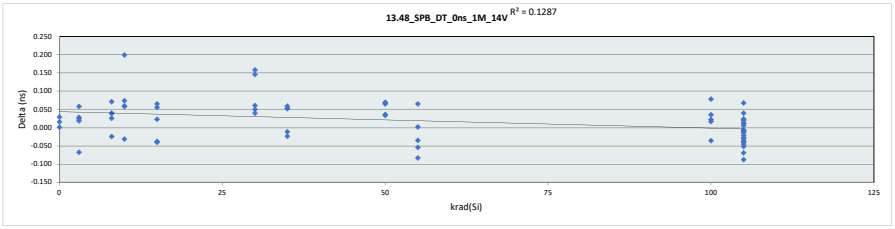


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

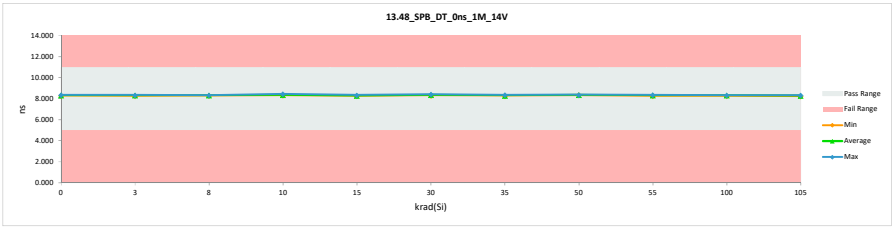
	13.48_SPB_DT_0ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	11	11
Min Limit	5	5

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	8.290	8.320	0.030
0	992	8.304	8.306	0.002
0	993	8.354	8.371	0.017
3	1	8.332	8.266	-0.066
3	2	8.318	8.347	0.029
3	3	8.334	8.354	0.020
3	4	8.265	8.324	0.059
3	5	8.319	8.345	0.026
8	6	8.327	8.304	-0.023
8	7	8.303	8.330	0.027
8	8	8.256	8.328	0.072
8	9	8.292	8.333	0.041
8	10	8.308	8.348	0.040
10	11	8.294	8.369	0.075
10	12	8.259	8.459	0.200
10	13	8.302	8.361	0.059
10	14	8.377	8.347	-0.030
10	15	8.296	8.357	0.061
15	16	8.308	8.269	-0.039
15	17	8.280	8.337	0.057
15	18	8.286	8.352	0.066
15	19	8.308	8.332	0.024
15	20	8.325	8.289	-0.036
30	21	8.240	8.387	0.147
30	22	8.267	8.426	0.159
30	23	8.324	8.375	0.051
30	24	8.281	8.322	0.041
30	25	8.282	8.344	0.062
35	26	8.317	8.295	-0.022
35	27	8.264	8.318	0.054
35	28	8.252	8.306	0.054
35	29	8.330	8.320	-0.010
35	30	8.311	8.371	0.060
50	31	8.313	8.383	0.070
50	32	8.321	8.358	0.037
50	33	8.297	8.363	0.066
50	34	8.326	8.361	0.035
50	35	8.297	8.368	0.071
55	36	8.304	8.370	0.066
55	37	8.345	8.348	0.003
55	38	8.333	8.280	-0.053
55	39	8.442	8.360	-0.082
55	40	8.342	8.308	-0.034
100	41	8.321	8.344	0.023
100	42	8.297	8.333	0.036
100	43	8.263	8.342	0.079
100	44	8.318	8.283	-0.035
100	45	8.321	8.339	0.018
105	46	8.310	8.330	0.020
105	47	8.277	8.318	0.041
105	48	8.347	8.303	-0.044
105	49	8.398	8.312	-0.086
105	50	8.345	8.308	-0.037
105	51	8.288	8.313	0.025
105	52	8.320	8.281	-0.039
105	53	8.291	8.305	0.014
105	54	8.295	8.302	0.007
105	55	8.292	8.305	0.013
105	56	8.294	8.317	0.023
105	57	8.343	8.323	-0.020
105	58	8.344	8.331	-0.013
105	59	8.335	8.330	-0.005
105	60	8.348	8.341	-0.007
105	61	8.341	8.273	-0.068
105	62	8.328	8.294	-0.034
105	63	8.269	8.338	0.069
105	64	8.330	8.302	-0.028
105	65	8.358	8.308	-0.050
105	66	8.331	8.321	-0.010
105	67	8.290	8.264	-0.026
	Max	8.442	8.459	0.200
	Average	8.312	8.331	0.019
	Min	8.240	8.264	-0.086
	Std Dev	0.034	0.035	0.053



	13.48_SPB_DT_0ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	11	ns
Min Limit	5	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	8.306	8.266	8.304	8.347	8.269	8.322	8.295	8.358	8.280	8.283	8.264
Average	8.332	8.327	8.329	8.379	8.316	8.371	8.322	8.367	8.333	8.328	8.310
Max	8.371	8.354	8.348	8.459	8.352	8.426	8.371	8.383	8.370	8.344	8.341
UL	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000

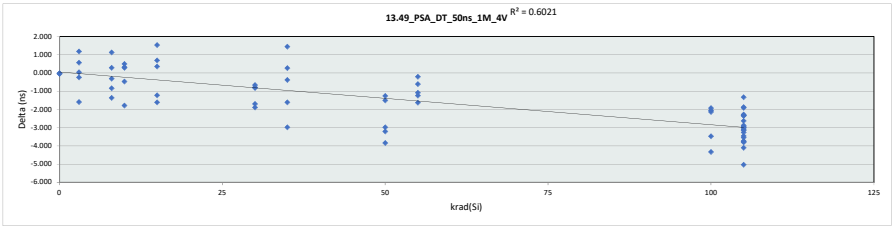


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

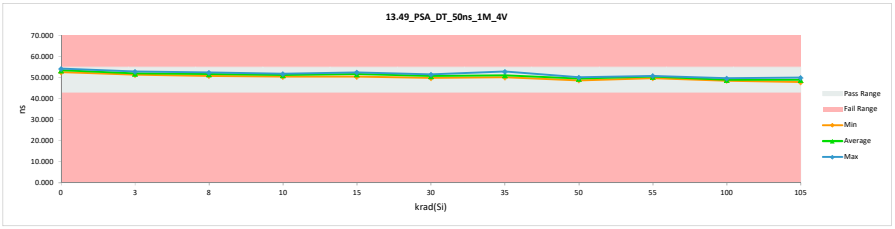
	13.49_PSA_DT_50ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	56	55
Min Limit	44	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	54.416	54.402	-0.014
0	992	53.827	53.805	-0.022
0	993	52.685	52.690	0.005
3	1	52.215	51.992	-0.223
3	2	53.063	51.492	-1.571
3	3	51.837	53.038	1.201
3	4	51.750	51.804	0.054
3	5	51.741	52.334	0.593
8	6	52.278	52.581	0.303
8	7	52.230	51.417	-0.813
8	8	51.346	52.494	1.148
8	9	51.729	51.431	-0.298
8	10	52.281	50.931	-1.350
10	11	52.521	50.752	-1.769
10	12	50.961	51.470	0.509
10	13	51.650	51.956	0.306
10	14	51.028	50.583	-0.445
10	15	51.577	51.911	0.334
15	16	51.659	52.029	0.370
15	17	52.137	50.550	-1.587
15	18	51.056	52.613	1.557
15	19	52.630	51.430	-1.200
15	20	51.645	52.352	0.707
30	21	52.257	51.618	-0.639
30	22	51.780	50.975	-0.805
30	23	52.441	50.770	-1.671
30	24	51.987	51.224	-0.763
30	25	51.828	49.959	-1.869
35	26	50.998	51.286	0.288
35	27	51.498	51.136	-0.362
35	28	52.076	50.488	-1.588
35	29	51.578	53.047	1.469
35	30	53.236	50.283	-2.953
50	31	51.798	50.313	-1.485
50	32	52.488	49.527	-2.961
50	33	52.714	49.533	-3.181
50	34	51.403	50.159	-1.244
50	35	52.639	48.832	-3.807
55	36	51.565	50.970	-0.595
55	37	51.092	49.864	-1.228
55	38	51.040	50.851	-0.189
55	39	51.748	50.692	-1.056
55	40	52.352	50.741	-1.611
100	41	51.016	48.898	-2.118
100	42	51.870	49.839	-2.031
100	43	52.378	48.933	-3.445
100	44	50.937	49.028	-1.909
100	45	52.979	48.667	-4.312
105	46	51.806	49.915	-1.891
105	47	52.677	49.571	-3.106
105	48	52.842	49.111	-3.731
105	49	51.971	49.118	-2.853
105	50	51.877	49.568	-2.309
105	51	52.453	49.528	-2.925
105	52	50.900	47.926	-2.974
105	53	52.277	48.845	-3.432
105	54	52.095	49.006	-3.089
105	55	51.713	48.476	-3.237
105	56	53.980	48.980	-5.000
105	57	51.223	49.375	-1.848
105	58	52.176	48.391	-3.785
105	59	52.337	50.087	-2.250
105	60	51.345	49.026	-2.319
105	61	51.819	49.512	-2.307
105	62	50.473	49.166	-1.307
105	63	52.386	49.396	-2.990
105	64	51.611	49.004	-2.607
105	65	52.633	49.124	-3.509
105	66	52.347	48.264	-4.083
105	67	52.299	48.590	-3.709
	Max	54.416	54.402	1.557
	Average	52.017	50.481	-1.536
	Min	50.473	47.926	-5.000
	Std Dev	0.734	1.466	1.567



	13.49_PSA_DT_50ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	52.690	51.492	50.931	50.583	50.550	49.959	50.283	48.832	49.864	48.667	47.926
Average	53.632	52.132	51.771	51.334	51.795	50.909	51.248	49.673	50.624	49.073	49.090
Max	54.402	53.038	52.581	51.956	52.613	51.618	53.047	50.313	50.970	49.839	50.087
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

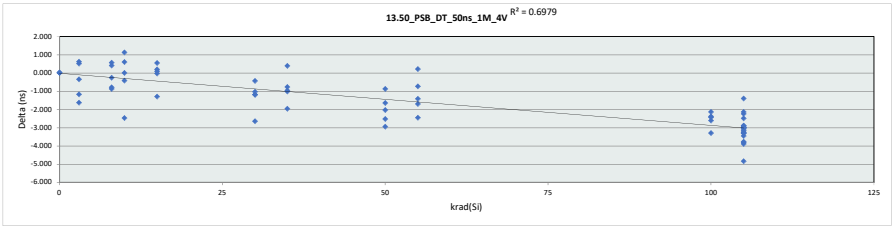


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

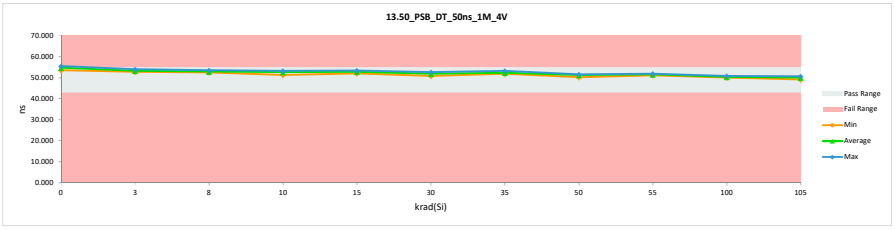
	13.50_PSB_DT_50ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	56	55
Min Limit	44	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	55.598	55.630	0.032
0	992	55.276	55.312	0.036
0	993	53.598	53.636	0.038
3	1	54.400	52.802	-1.598
3	2	53.943	52.801	-1.142
3	3	53.469	54.103	0.634
3	4	53.132	52.802	-0.330
3	5	53.454	53.985	0.531
8	6	52.961	53.554	0.593
8	7	52.706	52.475	-0.231
8	8	52.711	53.131	0.420
8	9	53.264	52.500	-0.764
8	10	53.745	52.900	-0.845
10	11	53.721	51.275	-2.446
10	12	52.811	52.831	0.020
10	13	53.640	53.241	-0.399
10	14	52.146	52.774	0.628
10	15	52.062	53.208	1.146
15	16	52.342	52.560	0.218
15	17	53.347	52.074	-1.273
15	18	52.948	53.060	0.112
15	19	52.924	52.917	-0.007
15	20	52.905	53.472	0.567
30	21	52.691	52.285	-0.406
30	22	53.382	52.213	-1.169
30	23	53.787	52.622	-1.165
30	24	52.761	51.756	-1.005
30	25	53.433	50.804	-2.629
35	26	52.995	52.049	-0.946
35	27	52.852	52.101	-0.751
35	28	52.868	51.868	-1.000
35	29	52.843	53.259	0.416
35	30	54.231	52.300	-1.931
50	31	52.774	51.156	-1.618
50	32	54.120	51.625	-2.495
50	33	53.630	51.626	-2.004
50	34	52.427	51.577	-0.850
50	35	53.228	50.314	-2.914
55	36	52.587	51.873	-0.714
55	37	53.028	51.352	-1.676
55	38	51.694	51.928	0.234
55	39	53.031	51.629	-1.402
55	40	53.628	51.195	-2.433
100	41	53.235	50.871	-2.364
100	42	52.904	50.793	-2.111
100	43	52.917	50.329	-2.588
100	44	52.524	50.111	-2.413
100	45	53.345	50.066	-3.279
105	46	53.273	50.312	-2.961
105	47	53.802	50.004	-3.798
105	48	53.364	50.318	-3.046
105	49	53.298	50.316	-2.982
105	50	53.888	50.753	-3.135
105	51	52.925	50.712	-2.213
105	52	51.838	49.717	-2.121
105	53	53.138	50.682	-2.456
105	54	53.186	49.438	-3.748
105	55	53.044	49.171	-3.873
105	56	54.270	49.458	-4.812
105	57	53.341	50.481	-2.860
105	58	53.000	50.060	-2.940
105	59	53.297	50.426	-2.871
105	60	53.631	50.339	-3.292
105	61	53.286	49.850	-3.436
105	62	52.011	50.634	-1.377
105	63	53.528	50.568	-2.960
105	64	53.030	49.806	-3.224
105	65	53.718	50.443	-3.275
105	66	53.380	50.119	-3.261
105	67	52.841	49.846	-2.995
	Max	55.598	55.630	1.146
	Average	53.216	51.631	-1.584
	Min	51.694	49.171	-4.812
	Std Dev	0.671	1.438	1.437



	13.50_PSB_DT_50ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	53.636	52.801	52.475	51.275	52.074	50.804	51.868	50.314	51.195	50.066	49.171
Average	54.859	53.299	52.912	52.666	52.817	51.936	52.315	51.260	51.595	50.434	50.157
Max	55.630	54.103	53.554	53.241	53.472	52.622	53.259	51.626	51.928	50.871	50.753
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

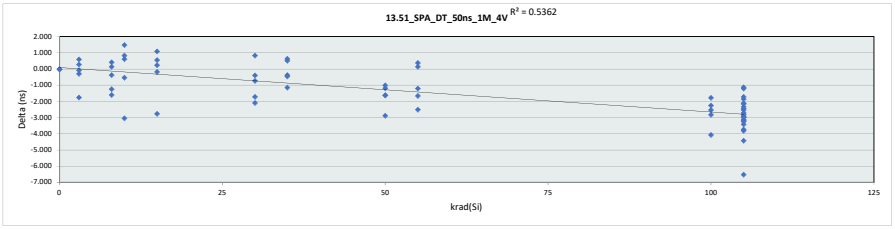


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

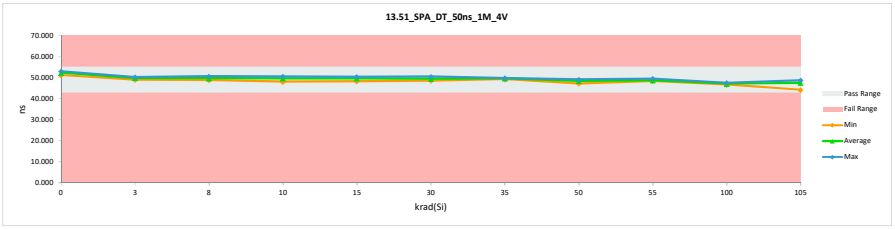
	13.51_SPA_DT_50ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	56	55
Min Limit	44	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	52.868	52.858	-0.010
0	992	53.131	53.138	0.007
0	993	51.328	51.344	0.016
3	1	50.094	50.390	0.296
3	2	50.889	49.152	-1.737
3	3	50.159	50.101	-0.058
3	4	49.898	49.615	-0.283
3	5	49.622	50.234	0.612
8	6	50.332	50.756	0.424
8	7	50.055	49.701	-0.354
8	8	49.863	50.024	0.161
8	9	50.248	49.018	-1.230
8	10	51.135	49.544	-1.591
10	11	51.159	48.139	-3.020
10	12	50.657	50.141	-0.516
10	13	49.851	50.694	0.843
10	14	48.697	49.318	0.621
10	15	49.134	50.632	1.498
15	16	48.801	49.906	1.105
15	17	51.085	48.345	-2.740
15	18	49.970	50.544	0.574
15	19	49.853	49.694	-0.159
15	20	50.173	50.433	0.260
30	21	51.104	49.411	-1.693
30	22	50.133	49.746	-0.387
30	23	50.226	49.511	-0.715
30	24	49.778	50.621	0.843
30	25	50.735	48.658	-2.077
35	26	49.199	49.718	0.519
35	27	50.234	49.877	-0.357
35	28	50.488	49.362	-1.126
35	29	49.248	49.900	0.652
35	30	50.242	49.809	-0.433
50	31	49.615	48.628	-0.987
50	32	50.398	49.237	-1.161
50	33	50.837	49.235	-1.602
50	34	49.734	48.136	-1.598
50	35	50.173	47.312	-2.861
55	36	49.182	49.573	0.391
55	37	49.711	48.517	-1.194
55	38	48.508	48.660	0.152
55	39	50.528	48.884	-1.644
55	40	51.025	48.537	-2.488
100	41	49.732	47.218	-2.514
100	42	49.919	47.685	-2.234
100	43	50.219	47.412	-2.807
100	44	48.569	46.805	-1.764
100	45	50.832	46.776	-4.056
105	46	50.031	47.940	-2.091
105	47	50.764	47.792	-2.972
105	48	50.431	47.922	-2.509
105	49	50.801	47.924	-2.877
105	50	50.671	48.531	-2.140
105	51	51.869	48.470	-3.399
105	52	49.507	48.312	-1.195
105	53	50.591	47.369	-3.222
105	54	50.842	44.356	-6.486
105	55	50.292	46.506	-3.786
105	56	50.825	46.431	-4.394
105	57	50.708	48.877	-1.831
105	58	50.453	47.766	-2.687
105	59	50.606	47.497	-3.109
105	60	51.055	47.886	-3.169
105	61	50.218	48.516	-1.702
105	62	49.002	47.892	-1.110
105	63	50.021	47.705	-2.316
105	64	50.058	47.105	-2.953
105	65	50.940	48.164	-2.776
105	66	50.503	46.795	-3.708
105	67	49.993	47.572	-2.421
	Max	53.131	53.138	1.498
	Average	50.279	48.861	-1.418
	Min	48.508	44.356	-6.486
	Std Dev	0.827	1.478	1.579



	13.51_SPA_DT_50ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	51.344	49.152	49.018	48.139	48.345	48.658	49.362	47.312	48.517	46.776	44.356
Average	52.447	49.898	49.809	49.785	49.784	49.589	49.733	48.510	48.834	47.179	47.606
Max	53.138	50.390	50.756	50.694	50.544	50.621	49.900	49.237	49.573	47.685	48.877
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

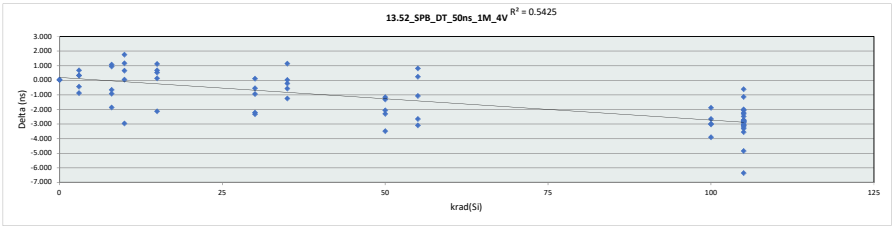


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

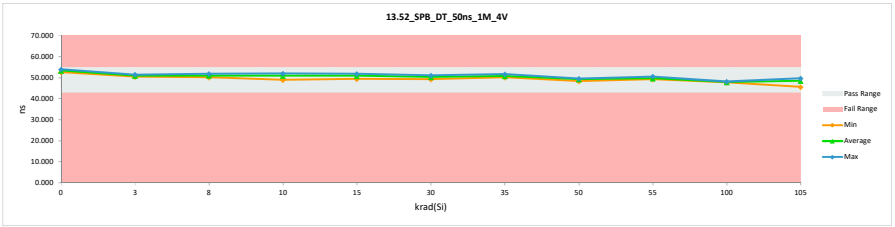
	13.52_SPB_DT_50ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	56	55
Min Limit	44	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	53.643	53.696	0.053
0	992	53.967	54.016	0.049
0	993	52.608	52.689	0.081
3	1	51.099	51.453	0.354
3	2	51.386	50.527	-0.859
3	3	50.838	51.205	0.367
3	4	50.987	50.572	-0.415
3	5	50.843	51.561	0.718
8	6	50.934	51.901	0.967
8	7	51.445	50.823	-0.622
8	8	50.724	51.818	1.094
8	9	51.166	50.265	-0.901
8	10	52.503	50.675	-1.828
10	11	51.897	48.976	-2.921
10	12	51.498	51.564	0.066
10	13	50.884	52.084	1.200
10	14	50.002	50.692	0.690
10	15	50.257	52.033	1.776
15	16	50.172	50.719	0.547
15	17	51.659	49.555	-2.104
15	18	50.667	51.382	0.715
15	19	51.070	51.220	0.150
15	20	50.775	51.919	1.144
30	21	51.818	49.636	-2.182
30	22	51.884	50.974	-0.910
30	23	51.229	50.715	-0.514
30	24	51.050	51.193	0.143
30	25	51.601	49.315	-2.286
35	26	50.658	50.462	-0.196
35	27	51.067	51.120	0.053
35	28	51.531	50.313	-1.218
35	29	50.574	51.738	1.164
35	30	51.337	50.802	-0.535
50	31	50.528	49.392	-1.136
50	32	51.663	49.633	-2.030
50	33	51.929	49.648	-2.281
50	34	50.783	49.505	-1.278
50	35	51.911	48.458	-3.453
55	36	50.353	50.628	0.275
55	37	50.805	49.767	-1.038
55	38	49.286	50.117	0.831
55	39	51.960	49.346	-2.614
55	40	52.379	49.310	-3.069
100	41	51.067	48.080	-2.987
100	42	50.830	48.200	-2.630
100	43	51.002	48.044	-2.958
100	44	49.725	47.867	-1.858
100	45	51.681	47.800	-3.881
105	46	51.513	48.477	-3.036
105	47	52.188	49.159	-3.029
105	48	50.730	48.758	-1.972
105	49	52.014	48.741	-3.273
105	50	51.893	49.851	-2.042
105	51	52.466	49.285	-3.181
105	52	50.133	49.031	-1.102
105	53	51.266	48.389	-2.877
105	54	51.979	45.657	-6.322
105	55	51.133	47.614	-3.519
105	56	52.545	47.729	-4.816
105	57	51.710	49.431	-2.279
105	58	51.187	48.345	-2.842
105	59	51.520	48.807	-2.713
105	60	51.371	48.601	-2.770
105	61	51.454	49.243	-2.211
105	62	50.223	49.639	-0.584
105	63	51.513	48.748	-2.765
105	64	51.373	48.285	-3.088
105	65	51.899	49.111	-2.788
105	66	50.724	48.043	-2.681
105	67	50.723	48.270	-2.453
	Max	53.967	54.016	1.776
	Average	51.303	49.895	-1.409
	Min	49.286	45.657	-6.322
	Std Dev	0.807	1.541	1.674



	13.52_SPB_DT_50ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	52.689	50.527	50.265	48.976	49.555	49.315	50.313	48.458	49.310	47.800	45.657
Average	53.467	51.064	51.096	51.070	50.959	50.367	50.887	49.327	49.834	47.998	48.601
Max	54.016	51.561	51.901	52.084	51.919	51.193	51.738	49.648	50.628	48.200	49.851
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

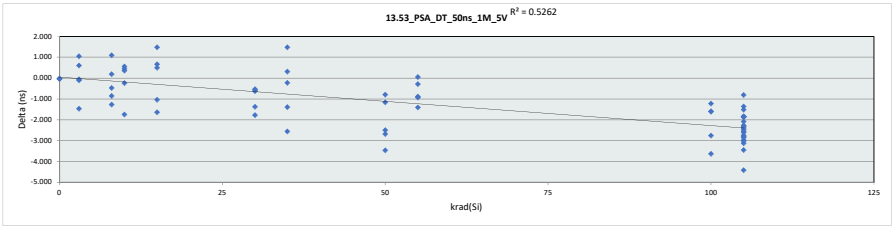


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

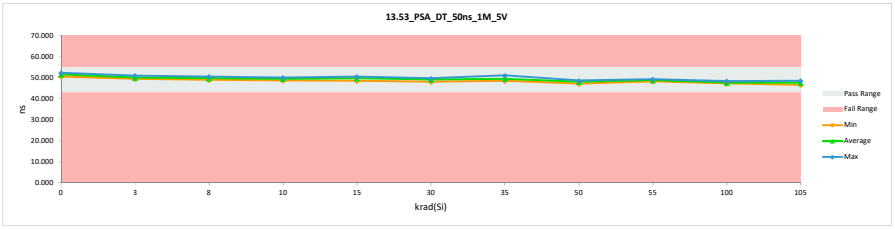
	13.53_PSA_DT_50ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	52.363	52.353	-0.010
0	992	51.910	51.896	-0.014
0	993	50.661	50.650	-0.011
3	1	50.143	50.058	-0.085
3	2	50.935	49.495	-1.440
3	3	49.871	50.934	1.063
3	4	49.771	49.738	-0.033
3	5	49.700	50.323	0.623
8	6	50.283	50.495	0.212
8	7	50.203	49.376	-0.827
8	8	49.368	50.477	1.109
8	9	49.845	49.396	-0.449
8	10	50.264	49.010	-1.254
10	11	50.467	48.742	-1.725
10	12	49.125	49.594	0.469
10	13	49.672	50.056	0.384
10	14	48.980	48.758	-0.222
10	15	49.437	50.013	0.576
15	16	49.539	50.059	0.520
15	17	50.155	48.536	-1.619
15	18	49.087	50.582	1.495
15	19	50.570	49.549	-1.021
15	20	49.659	50.348	0.689
30	21	50.299	49.693	-0.606
30	22	49.760	49.223	-0.537
30	23	50.376	49.028	-1.348
30	24	50.003	49.494	-0.509
30	25	49.900	48.145	-1.755
35	26	49.084	49.423	0.339
35	27	49.545	49.339	-0.206
35	28	50.111	48.746	-1.365
35	29	49.554	51.049	1.495
35	30	51.094	48.562	-2.532
50	31	49.745	48.610	-1.135
50	32	50.452	47.974	-2.478
50	33	50.636	47.979	-2.657
50	34	49.371	48.599	-0.772
50	35	50.619	47.178	-3.441
55	36	49.532	49.268	-0.264
55	37	49.144	48.236	-0.908
55	38	48.968	49.039	0.071
55	39	49.837	48.980	-0.857
55	40	50.344	48.954	-1.390
100	41	49.106	47.537	-1.569
100	42	49.925	48.347	-1.578
100	43	50.350	47.618	-2.732
100	44	48.841	47.635	-1.206
100	45	50.921	47.309	-3.612
105	46	49.860	48.375	-1.485
105	47	50.607	48.081	-2.526
105	48	50.707	47.751	-2.956
105	49	50.043	47.753	-2.290
105	50	49.921	48.085	-1.836
105	51	50.515	48.088	-2.427
105	52	48.890	46.642	-2.248
105	53	50.228	47.454	-2.774
105	54	50.133	47.547	-2.586
105	55	49.725	47.011	-2.714
105	56	51.827	47.437	-4.390
105	57	49.305	47.965	-1.340
105	58	50.067	46.963	-3.104
105	59	50.354	48.538	-1.816
105	60	49.408	47.560	-1.848
105	61	49.929	48.096	-1.833
105	62	48.471	47.690	-0.781
105	63	50.316	47.942	-2.374
105	64	49.681	47.626	-2.055
105	65	50.570	47.744	-2.826
105	66	50.299	46.873	-3.426
105	67	50.220	47.231	-2.989
	Max	52.363	52.353	1.495
	Average	50.009	48.784	-1.225
	Min	48.471	46.642	-4.390
	Std Dev	0.708	1.242	1.346



	13.53_PSA_DT_50ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	50.650	49.495	49.010	48.742	48.536	48.145	48.562	47.178	48.236	47.309	46.642
Average	51.633	50.110	49.751	49.433	49.815	49.117	49.424	48.068	48.895	47.689	47.657
Max	52.353	50.934	50.495	50.056	50.582	49.693	51.049	48.610	49.268	48.347	48.538
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

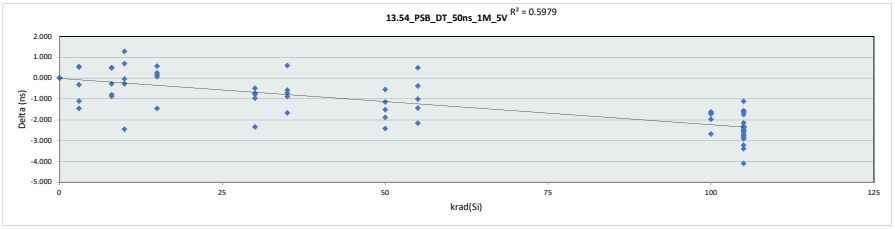


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

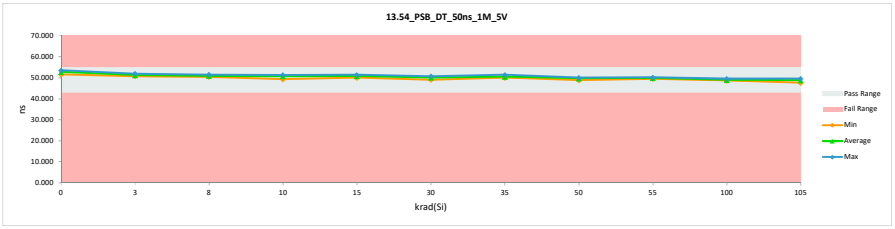
	13.54_PSB_DT_50ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	53.548	53.571	0.023
0	992	53.288	53.308	0.020
0	993	51.582	51.628	0.046
3	1	52.351	50.918	-1.433
3	2	51.905	50.825	-1.080
3	3	51.479	52.039	0.560
3	4	51.150	50.856	-0.294
3	5	51.341	51.909	0.568
8	6	51.047	51.569	0.522
8	7	50.774	50.523	-0.251
8	8	50.679	51.196	0.517
8	9	51.316	50.546	-0.770
8	10	51.908	51.058	-0.850
10	11	51.825	49.399	-2.426
10	12	50.933	50.914	-0.019
10	13	51.655	51.412	-0.243
10	14	50.173	50.893	0.720
10	15	50.059	51.361	1.302
15	16	50.461	50.726	0.265
15	17	51.520	50.095	-1.425
15	18	50.920	51.103	0.183
15	19	50.954	51.038	0.084
15	20	50.945	51.538	0.593
30	21	50.900	50.432	-0.468
30	22	51.290	50.595	-0.695
30	23	51.761	50.821	-0.940
30	24	50.855	50.107	-0.748
30	25	51.435	49.121	-2.314
35	26	50.932	50.240	-0.692
35	27	50.893	50.333	-0.560
35	28	50.975	50.119	-0.856
35	29	50.843	51.473	0.630
35	30	52.172	50.526	-1.646
50	31	50.836	49.705	-1.131
50	32	52.007	50.145	-1.862
50	33	51.642	50.153	-1.489
50	34	50.503	49.972	-0.531
50	35	51.269	48.872	-2.397
55	36	50.607	50.255	-0.352
55	37	51.138	49.717	-1.421
55	38	49.719	50.235	0.516
55	39	51.108	50.124	-0.984
55	40	51.709	49.578	-2.131
100	41	51.257	49.560	-1.697
100	42	50.990	49.395	-1.595
100	43	50.978	49.033	-1.945
100	44	50.418	48.755	-1.663
100	45	51.365	48.701	-2.664
105	46	51.296	48.965	-2.331
105	47	51.795	48.597	-3.198
105	48	51.300	48.966	-2.334
105	49	51.488	48.969	-2.519
105	50	51.830	49.475	-2.355
105	51	51.049	49.427	-1.622
105	52	49.964	48.402	-1.562
105	53	51.103	49.378	-1.725
105	54	51.199	49.666	-1.533
105	55	51.056	47.685	-3.371
105	56	52.240	48.165	-4.075
105	57	51.349	49.228	-2.121
105	58	51.135	48.628	-2.507
105	59	51.322	48.995	-2.327
105	60	51.753	48.865	-2.888
105	61	51.321	48.576	-2.745
105	62	50.222	49.125	-1.097
105	63	51.478	49.203	-2.275
105	64	51.068	48.497	-2.571
105	65	51.690	49.019	-2.671
105	66	51.474	48.639	-2.835
105	67	50.896	48.475	-2.421
	Max	53.548	53.571	1.302
	Average	51.249	50.019	-1.230
	Min	49.719	47.685	-4.075
	Std Dev	0.647	1.188	1.205



	13.54_PSB_DT_50ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	51.628	50.825	50.523	49.399	50.095	49.121	50.119	48.872	49.578	48.701	47.685
Average	52.836	51.309	50.978	50.796	50.900	50.215	50.538	49.769	49.982	49.089	48.861
Max	53.571	52.039	51.569	51.412	51.538	50.821	51.473	50.153	50.255	49.560	49.666
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

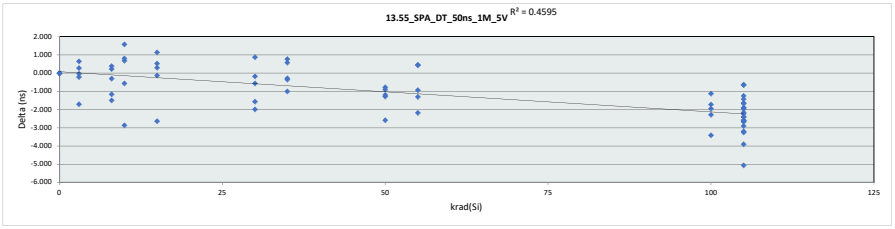


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

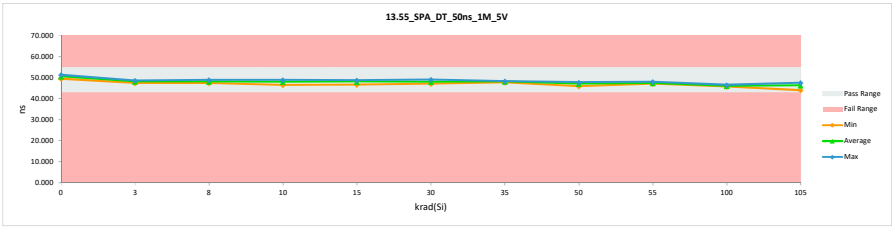
	13.55_SPA_DT_50ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	51.170	51.163	-0.007
0	992	51.410	51.416	0.006
0	993	49.574	49.591	0.017
3	1	48.455	48.742	0.287
3	2	49.245	47.544	-1.701
3	3	48.542	48.511	-0.031
3	4	48.242	48.034	-0.208
3	5	47.992	48.641	0.649
8	6	48.685	49.074	0.389
8	7	48.371	48.075	-0.296
8	8	48.189	48.420	0.231
8	9	48.624	47.481	-1.143
8	10	49.426	47.952	-1.474
10	11	49.376	46.529	-2.847
10	12	49.020	48.473	-0.547
10	13	48.246	49.062	0.816
10	14	47.069	47.758	0.689
10	15	47.437	49.024	1.587
15	16	47.180	48.335	1.155
15	17	49.373	46.748	-2.625
15	18	48.349	48.886	0.537
15	19	48.237	48.122	-0.115
15	20	48.531	48.833	0.302
30	21	49.456	47.905	-1.551
30	22	48.481	48.315	-0.166
30	23	48.580	48.025	-0.555
30	24	48.224	49.104	0.880
30	25	49.103	47.123	-1.980
35	26	47.617	48.207	0.590
35	27	48.622	48.344	-0.278
35	28	48.820	47.821	-0.999
35	29	47.633	48.412	0.779
35	30	48.637	48.302	-0.335
50	31	48.033	47.271	-0.762
50	32	48.747	47.857	-0.890
50	33	49.147	47.870	-1.277
50	34	48.102	46.912	-1.190
50	35	48.539	45.978	-2.561
55	36	47.618	48.074	0.456
55	37	48.083	47.155	-0.928
55	38	46.832	47.284	0.452
55	39	48.819	47.521	-1.298
55	40	49.324	47.165	-2.159
100	41	48.108	46.175	-1.933
100	42	48.364	46.656	-1.708
100	43	48.620	46.347	-2.273
100	44	46.926	45.805	-1.121
100	45	49.144	45.757	-3.387
105	46	48.402	46.748	-1.654
105	47	49.124	46.563	-2.561
105	48	48.733	46.771	-1.962
105	49	49.160	46.774	-2.386
105	50	48.980	47.350	-1.630
105	51	50.110	47.223	-2.887
105	52	47.770	47.139	-0.631
105	53	48.895	46.242	-2.653
105	54	49.128	44.092	-5.036
105	55	48.577	45.344	-3.233
105	56	49.174	45.281	-3.893
105	57	49.035	47.620	-1.415
105	58	48.721	46.568	-2.153
105	59	48.921	46.346	-2.575
105	60	49.337	46.710	-2.627
105	61	48.600	47.357	-1.243
105	62	47.319	46.677	-0.642
105	63	48.425	46.546	-1.879
105	64	48.440	46.067	-2.373
105	65	49.219	47.006	-2.213
105	66	48.854	45.675	-3.179
105	67	48.325	46.438	-1.887
	Max	51.410	51.416	1.587
	Average	48.622	47.491	-1.132
	Min	46.832	44.092	-5.036
	Std Dev	0.803	1.261	1.367



	13.55_SPA_DT_50ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	49.591	47.544	47.481	46.529	46.748	47.123	47.821	45.978	47.155	45.757	44.092
Average	50.723	48.294	48.200	48.169	48.185	48.094	48.217	47.178	47.440	46.148	46.479
Max	51.416	48.742	49.074	49.062	48.886	49.104	48.412	47.870	48.074	46.656	47.620
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

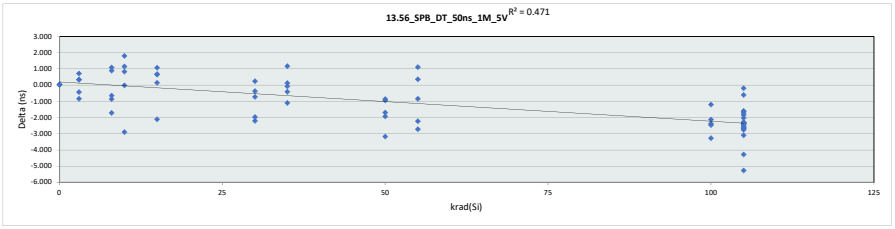


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

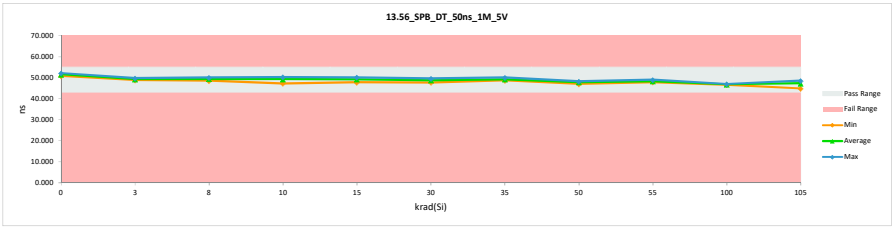
	13.56_SPB_DT_50ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	51.928	51.976	0.048
0	992	52.172	52.230	0.058
0	993	50.789	50.860	0.071
3	1	49.415	49.771	0.356
3	2	49.714	48.896	-0.818
3	3	49.168	49.530	0.362
3	4	49.295	48.895	-0.400
3	5	49.118	49.848	0.730
8	6	49.231	50.155	0.924
8	7	49.712	49.095	-0.617
8	8	49.018	50.129	1.111
8	9	49.477	48.640	-0.837
8	10	50.725	49.042	-1.683
10	11	50.167	47.297	-2.870
10	12	49.815	49.833	0.018
10	13	49.184	50.361	1.177
10	14	48.201	49.052	0.851
10	15	48.484	50.317	1.833
15	16	48.450	49.135	0.685
15	17	49.933	47.848	-2.085
15	18	49.022	49.726	0.704
15	19	49.400	49.560	0.160
15	20	49.144	50.236	1.092
30	21	50.143	48.209	-1.934
30	22	50.132	49.441	-0.691
30	23	49.542	49.187	-0.355
30	24	49.366	49.638	0.272
30	25	49.915	47.740	-2.175
35	26	48.975	48.924	-0.051
35	27	49.346	49.498	0.152
35	28	49.837	48.753	-1.084
35	29	48.909	50.108	1.199
35	30	49.620	49.232	-0.388
50	31	48.855	48.018	-0.837
50	32	49.929	48.271	-1.658
50	33	50.173	48.273	-1.900
50	34	49.079	48.153	-0.926
50	35	50.196	47.055	-3.141
55	36	48.700	49.086	0.386
55	37	49.132	48.306	-0.826
55	38	47.562	48.700	1.138
55	39	50.171	47.969	-2.202
55	40	50.582	47.887	-2.695
100	41	49.360	47.003	-2.357
100	42	49.204	47.093	-2.111
100	43	49.342	46.904	-2.438
100	44	47.965	46.798	-1.167
100	45	49.937	46.695	-3.242
105	46	49.783	47.205	-2.578
105	47	50.443	47.827	-2.616
105	48	49.123	47.508	-1.615
105	49	50.264	47.524	-2.740
105	50	50.147	48.586	-1.561
105	51	50.648	48.004	-2.644
105	52	48.397	47.814	-0.583
105	53	49.574	47.154	-2.420
105	54	50.178	44.947	-5.231
105	55	49.410	46.343	-3.067
105	56	50.763	46.503	-4.260
105	57	49.956	48.134	-1.822
105	58	49.452	47.141	-2.311
105	59	49.841	47.557	-2.284
105	60	49.680	47.349	-2.331
105	61	49.757	48.052	-1.705
105	62	48.474	48.310	-0.164
105	63	49.831	47.510	-2.321
105	64	49.640	47.135	-2.505
105	65	50.124	47.864	-2.260
105	66	49.120	46.830	-2.290
105	67	49.046	47.049	-1.997
	Max	52.172	52.230	1.833
	Average	49.588	48.453	-1.135
	Min	47.562	44.947	-5.231
	Std Dev	0.787	1.339	1.483



	13.56_SPB_DT_50ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	50.860	48.895	48.640	47.297	47.848	47.740	48.753	47.055	47.887	46.695	44.947
Average	51.689	49.388	49.412	49.372	49.301	48.843	49.303	47.954	48.390	46.899	47.379
Max	52.230	49.848	50.155	50.361	50.236	49.638	50.108	48.273	49.086	47.093	48.586
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

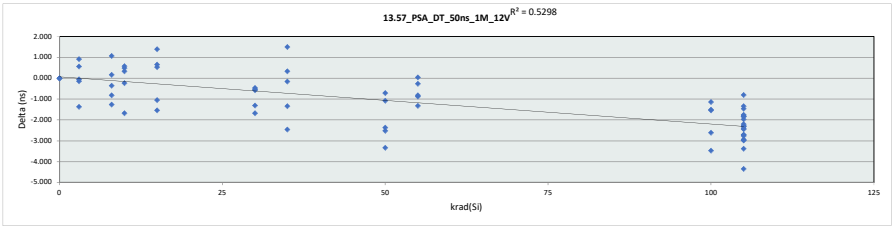


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

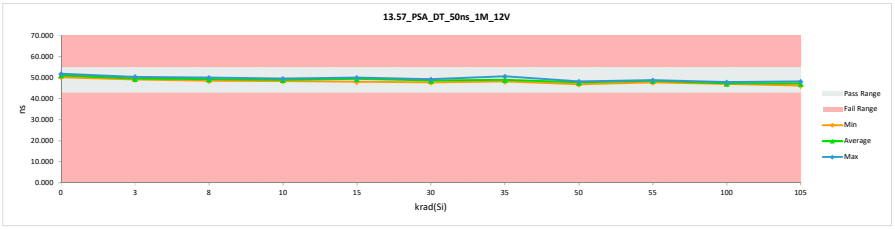
	13.57_PSA_DT_50ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	51.920	51.929	0.009
0	992	51.523	51.530	0.007
0	993	50.312	50.325	0.013
3	1	49.741	49.622	-0.119
3	2	50.474	49.120	-1.354
3	3	49.538	50.473	0.935
3	4	49.351	49.318	-0.033
3	5	49.319	49.903	0.584
8	6	49.864	50.043	0.179
8	7	49.777	48.980	-0.797
8	8	48.964	50.044	1.080
8	9	49.388	49.046	-0.342
8	10	49.857	48.608	-1.249
10	11	50.069	48.414	-1.655
10	12	48.728	49.224	0.496
10	13	49.277	49.621	0.344
10	14	48.593	48.369	-0.224
10	15	48.969	49.567	0.598
15	16	49.119	49.672	0.553
15	17	49.691	48.165	-1.526
15	18	48.743	50.153	1.410
15	19	50.223	49.185	-1.038
15	20	49.280	49.957	0.677
30	21	49.880	49.323	-0.557
30	22	49.332	48.888	-0.444
30	23	49.975	48.690	-1.285
30	24	49.602	49.094	-0.508
30	25	49.493	47.827	-1.666
35	26	48.694	49.043	0.349
35	27	49.123	48.987	-0.136
35	28	49.694	48.378	-1.316
35	29	49.185	50.693	1.508
35	30	50.644	48.207	-2.437
50	31	49.342	48.278	-1.064
50	32	50.026	47.672	-2.354
50	33	50.175	47.678	-2.497
50	34	48.984	48.297	-0.687
50	35	50.177	46.867	-3.310
55	36	49.152	48.906	-0.246
55	37	48.745	47.877	-0.868
55	38	48.617	48.669	0.052
55	39	49.455	48.650	-0.805
55	40	49.909	48.605	-1.304
100	41	48.734	47.236	-1.498
100	42	49.526	47.999	-1.527
100	43	49.950	47.358	-2.592
100	44	48.440	47.317	-1.123
100	45	50.459	46.998	-3.461
105	46	49.491	48.047	-1.444
105	47	50.216	47.783	-2.433
105	48	50.311	47.391	-2.920
105	49	49.679	47.389	-2.290
105	50	49.553	47.754	-1.799
105	51	50.075	47.770	-2.305
105	52	48.534	46.353	-2.181
105	53	49.830	47.129	-2.701
105	54	49.763	47.368	-2.395
105	55	49.313	46.620	-2.693
105	56	51.437	47.101	-4.336
105	57	48.926	47.600	-1.326
105	58	49.647	46.686	-2.961
105	59	49.985	48.249	-1.736
105	60	49.070	47.246	-1.824
105	61	49.576	47.772	-1.804
105	62	48.122	47.342	-0.780
105	63	49.890	47.629	-2.261
105	64	49.261	47.307	-1.954
105	65	50.184	47.432	-2.752
105	66	49.920	46.561	-3.359
105	67	49.841	46.884	-2.957
	Max	51.920	51.929	1.508
	Average	49.609	48.432	-1.178
	Min	48.122	46.353	-4.336
	Std Dev	0.697	1.208	1.307



	13.57_PSA_DT_50ns_1M_12V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	50.325	49.120	48.608	48.369	48.165	47.827	48.207	46.867	47.877	46.998	46.353
Average	51.261	49.687	49.344	49.039	49.426	48.764	49.062	47.758	48.541	47.382	47.337
Max	51.929	50.473	50.044	49.621	50.153	49.323	50.693	48.297	48.906	47.999	48.249
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

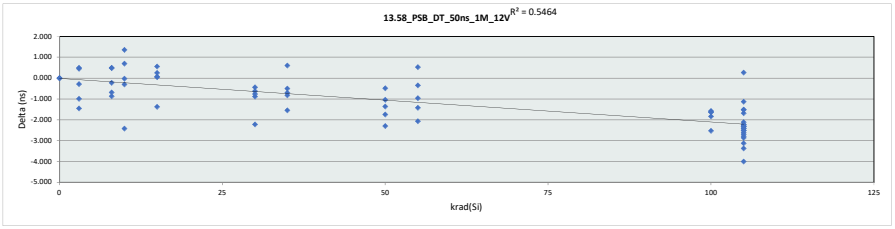


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

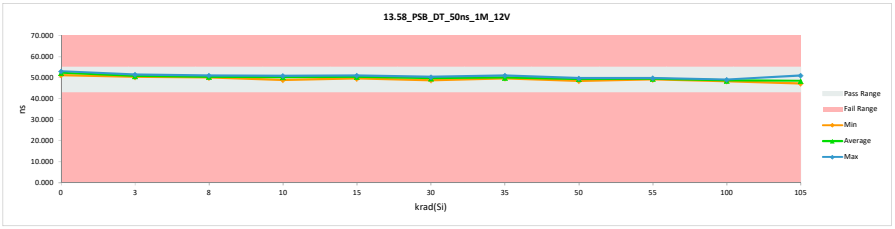
	13.58_PSB_DT_50ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	53.104	53.135	0.031
0	992	52.885	52.904	0.019
0	993	51.248	51.268	0.020
3	1	51.927	50.497	-1.430
3	2	51.401	50.436	-0.965
3	3	51.107	51.572	0.465
3	4	50.714	50.451	-0.263
3	5	50.956	51.478	0.522
8	6	50.599	51.121	0.522
8	7	50.357	50.148	-0.209
8	8	50.264	50.761	0.497
8	9	50.833	50.166	-0.667
8	10	51.503	50.649	-0.854
10	11	51.420	49.020	-2.400
10	12	50.527	50.526	-0.001
10	13	51.254	50.979	-0.275
10	14	49.779	50.500	0.721
10	15	49.554	50.929	1.375
15	16	50.050	50.318	0.268
15	17	51.044	49.688	-1.356
15	18	50.537	50.630	0.093
15	19	50.592	50.658	0.066
15	20	50.545	51.129	0.584
30	21	50.478	50.057	-0.421
30	22	50.841	50.242	-0.599
30	23	51.326	50.467	-0.859
30	24	50.444	49.705	-0.739
30	25	51.004	48.806	-2.198
35	26	50.565	49.879	-0.686
35	27	50.458	49.974	-0.484
35	28	50.536	49.731	-0.805
35	29	50.459	51.089	0.630
35	30	51.687	50.158	-1.529
50	31	50.397	49.375	-1.022
50	32	51.550	49.832	-1.718
50	33	51.177	49.846	-1.331
50	34	50.105	49.638	-0.467
50	35	50.842	48.560	-2.282
55	36	50.231	49.899	-0.332
55	37	50.747	49.351	-1.396
55	38	49.325	49.869	0.544
55	39	50.700	49.766	-0.934
55	40	51.271	49.232	-2.039
100	41	50.848	49.237	-1.611
100	42	50.586	49.025	-1.561
100	43	50.560	48.753	-1.807
100	44	49.995	48.400	-1.595
100	45	50.875	48.376	-2.499
105	46	50.921	48.609	-2.312
105	47	51.385	48.284	-3.101
105	48	50.867	48.585	-2.282
105	49	51.074	48.592	-2.482
105	50	51.432	49.148	-2.284
105	51	50.614	49.124	-1.490
105	52	49.589	48.099	-1.490
105	53	50.713	49.059	-1.654
105	54	50.809	51.094	0.285
105	55	50.654	47.301	-3.353
105	56	51.837	47.859	-3.978
105	57	50.946	48.852	-2.094
105	58	50.708	48.318	-2.390
105	59	50.925	48.705	-2.220
105	60	51.385	48.550	-2.835
105	61	50.939	48.260	-2.679
105	62	49.906	48.790	-1.116
105	63	51.072	48.879	-2.193
105	64	50.648	48.162	-2.486
105	65	51.275	48.678	-2.597
105	66	51.083	48.314	-2.769
105	67	50.506	48.131	-2.375
	Max	53.104	53.135	1.375
	Average	50.836	49.680	-1.155
	Min	49.325	47.301	-3.978
	Std Dev	0.640	1.168	1.187



	13.58_PSB_DT_50ns_1M_12V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	51.268	50.436	50.148	49.020	49.688	48.806	49.731	48.560	49.232	48.376	47.301
Average	52.436	50.887	50.569	50.391	50.485	49.855	50.166	49.450	49.623	48.758	48.609
Max	53.135	51.572	51.121	50.979	51.129	50.467	51.089	49.846	49.899	49.237	51.094
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

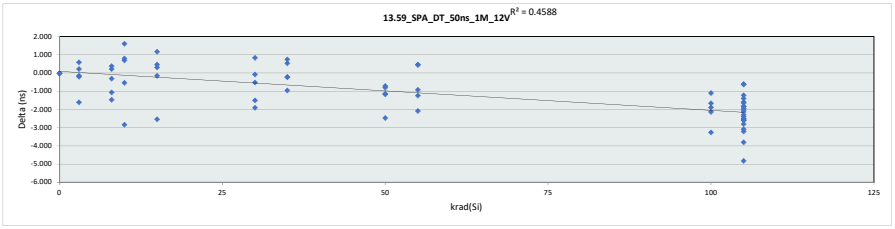


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

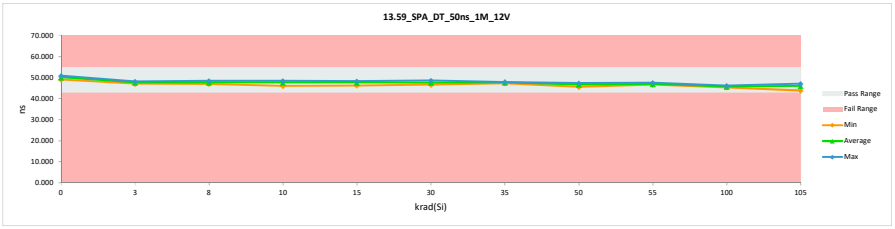
	13.59_SPA_DT_50ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	50.731	50.729	-0.002
0	992	51.001	51.002	0.001
0	993	49.223	49.225	0.002
3	1	48.061	48.305	0.244
3	2	48.780	47.192	-1.588
3	3	48.170	48.033	-0.137
3	4	47.823	47.638	-0.185
3	5	47.621	48.217	0.596
8	6	48.231	48.633	0.402
8	7	47.958	47.676	-0.282
8	8	47.765	48.001	0.236
8	9	48.178	47.133	-1.045
8	10	48.998	47.547	-1.451
10	11	48.971	46.164	-2.807
10	12	48.597	48.081	-0.516
10	13	47.825	48.639	0.814
10	14	46.691	47.407	0.716
10	15	46.969	48.595	1.626
15	16	46.760	47.951	1.191
15	17	48.909	46.385	-2.524
15	18	47.973	48.457	0.484
15	19	47.884	47.749	-0.135
15	20	48.132	48.449	0.317
30	21	49.024	47.538	-1.486
30	22	48.036	47.974	-0.062
30	23	48.161	47.667	-0.494
30	24	47.840	48.692	0.852
30	25	48.687	46.798	-1.889
35	26	47.265	47.825	0.560
35	27	48.181	47.986	-0.195
35	28	48.389	47.450	-0.939
35	29	47.280	48.040	0.760
35	30	48.160	47.949	-0.211
50	31	47.624	46.928	-0.696
50	32	48.328	47.539	-0.789
50	33	48.696	47.547	-1.149
50	34	47.700	46.590	-1.110
50	35	48.115	45.666	-2.449
55	36	47.257	47.715	0.458
55	37	47.687	46.783	-0.904
55	38	46.462	46.938	0.476
55	39	48.420	47.206	-1.214
55	40	48.890	46.836	-2.054
100	41	47.723	45.862	-1.861
100	42	47.963	46.328	-1.635
100	43	48.204	46.088	-2.116
100	44	46.547	45.473	-1.074
100	45	48.714	45.477	-3.237
105	46	48.025	46.396	-1.629
105	47	48.730	46.213	-2.517
105	48	48.324	46.404	-1.920
105	49	48.777	46.399	-2.378
105	50	48.592	47.016	-1.576
105	51	49.672	46.887	-2.785
105	52	47.417	46.832	-0.585
105	53	48.492	45.929	-2.563
105	54	48.743	43.944	-4.799
105	55	48.159	44.980	-3.179
105	56	48.774	44.994	-3.780
105	57	48.628	47.244	-1.384
105	58	48.292	46.291	-2.001
105	59	48.547	46.070	-2.477
105	60	48.962	46.392	-2.570
105	61	48.232	47.032	-1.200
105	62	46.966	46.358	-0.608
105	63	48.027	46.223	-1.804
105	64	48.027	45.764	-2.263
105	65	48.813	46.692	-2.121
105	66	48.446	45.383	-3.063
105	67	47.932	46.116	-1.816
	Max	51.001	51.002	1.626
	Average	48.217	47.138	-1.079
	Min	46.462	43.944	-4.799
	Std Dev	0.793	1.222	1.327



	13.59_SPA_DT_50ns_1M_12V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	49.225	47.192	47.133	46.164	46.385	46.798	47.450	45.666	46.783	45.473	43.944
Average	50.319	47.877	47.798	47.777	47.798	47.734	47.850	46.854	47.096	45.846	46.162
Max	51.002	48.305	48.633	48.639	48.457	48.692	48.040	47.547	47.715	46.328	47.244
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

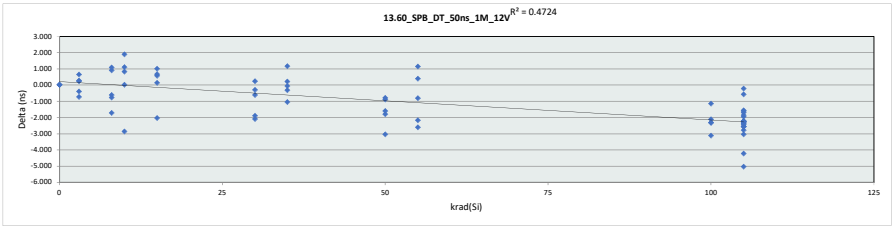


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

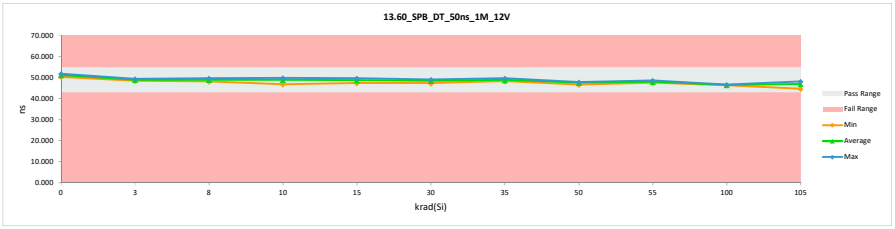
	13.60_SPB_DT_50ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	51.525	51.568	0.043
0	992	51.796	51.849	0.053
0	993	50.448	50.504	0.056
3	1	49.033	49.333	0.300
3	2	49.225	48.522	-0.703
3	3	48.811	49.079	0.268
3	4	48.865	48.501	-0.364
3	5	48.738	49.426	0.688
8	6	48.782	49.720	0.938
8	7	49.295	48.720	-0.575
8	8	48.611	49.717	1.106
8	9	49.028	48.278	-0.750
8	10	50.314	48.634	-1.680
10	11	49.762	46.931	-2.831
10	12	49.403	49.457	0.054
10	13	48.794	49.936	1.142
10	14	47.824	48.673	0.849
10	15	47.995	49.914	1.919
15	16	48.039	48.730	0.691
15	17	49.484	47.478	-2.006
15	18	48.683	49.284	0.601
15	19	49.030	49.191	0.161
15	20	48.783	49.817	1.034
30	21	49.732	47.864	-1.868
30	22	49.689	49.097	-0.592
30	23	49.137	48.874	-0.263
30	24	48.964	49.231	0.267
30	25	49.487	47.417	-2.070
35	26	48.600	48.572	-0.028
35	27	48.902	49.151	0.249
35	28	49.391	48.383	-1.008
35	29	48.549	49.749	1.200
35	30	49.165	48.880	-0.285
50	31	48.455	47.687	-0.768
50	32	49.508	47.949	-1.559
50	33	49.741	47.967	-1.774
50	34	48.681	47.832	-0.849
50	35	49.771	46.766	-3.005
55	36	48.330	48.749	0.419
55	37	48.720	47.935	-0.785
55	38	47.159	48.331	1.172
55	39	49.783	47.638	-2.145
55	40	50.146	47.566	-2.580
100	41	48.988	46.700	-2.288
100	42	48.820	46.746	-2.074
100	43	48.945	46.638	-2.307
100	44	47.586	46.470	-1.116
100	45	49.483	46.391	-3.092
105	46	49.405	46.866	-2.539
105	47	50.032	47.500	-2.532
105	48	48.721	47.153	-1.568
105	49	49.895	47.140	-2.755
105	50	49.780	48.260	-1.520
105	51	50.209	47.686	-2.523
105	52	48.031	47.490	-0.541
105	53	49.193	46.854	-2.339
105	54	49.810	44.805	-5.005
105	55	49.003	45.993	-3.010
105	56	50.362	46.177	-4.185
105	57	49.569	47.752	-1.817
105	58	49.055	46.853	-2.202
105	59	49.483	47.256	-2.227
105	60	49.324	47.051	-2.273
105	61	49.400	47.729	-1.671
105	62	48.133	47.946	-0.187
105	63	49.422	47.179	-2.243
105	64	49.217	46.821	-2.396
105	65	49.728	47.540	-2.188
105	66	48.721	46.529	-2.192
105	67	48.653	46.723	-1.930
	Max	51.796	51.849	1.919
	Average	49.188	48.102	-1.086
	Min	47.159	44.805	-5.005
	Std Dev	0.784	1.303	1.446



	13.60_SPB_DT_50ns_1M_12V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	50.504	48.501	48.278	46.931	47.478	47.417	48.383	46.766	47.566	46.391	44.805
Average	51.307	48.972	49.014	48.982	48.900	48.497	48.947	47.640	48.044	46.589	47.059
Max	51.849	49.426	49.720	49.936	49.817	49.231	49.749	47.967	48.749	46.746	48.260
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

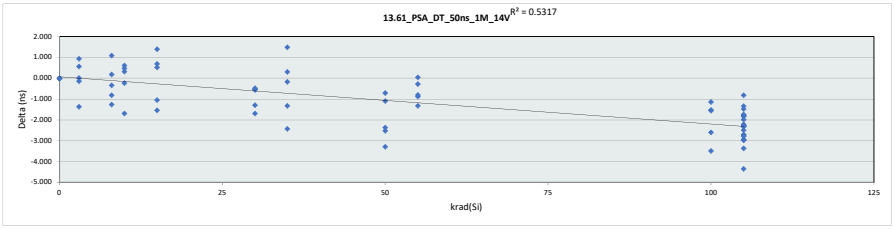


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

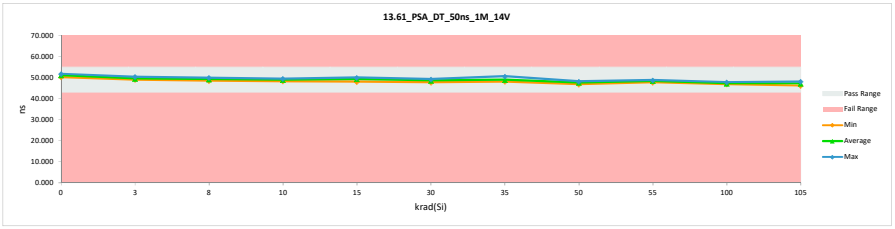
	13.61_PSA_DT_50ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	51.922	51.922	0.000
0	992	51.521	51.518	-0.003
0	993	50.295	50.321	0.026
3	1	49.755	49.625	-0.130
3	2	50.477	49.118	-1.359
3	3	49.533	50.476	0.943
3	4	49.324	49.347	0.023
3	5	49.327	49.908	0.581
8	6	49.866	50.055	0.189
8	7	49.787	48.985	-0.802
8	8	48.953	50.047	1.094
8	9	49.383	49.052	-0.331
8	10	49.853	48.608	-1.245
10	11	50.075	48.404	-1.671
10	12	48.713	49.207	0.494
10	13	49.277	49.615	0.338
10	14	48.603	48.387	-0.216
10	15	48.963	49.590	0.627
15	16	49.130	49.664	0.534
15	17	49.696	48.168	-1.528
15	18	48.744	50.145	1.401
15	19	50.207	49.176	-1.031
15	20	49.251	49.952	0.701
30	21	49.883	49.345	-0.538
30	22	49.335	48.876	-0.459
30	23	49.968	48.690	-1.278
30	24	49.590	49.087	-0.503
30	25	49.491	47.821	-1.670
35	26	48.724	49.040	0.316
35	27	49.130	48.972	-0.158
35	28	49.680	48.369	-1.311
35	29	49.197	50.696	1.499
35	30	50.630	48.222	-2.408
50	31	49.336	48.264	-1.072
50	32	50.017	47.672	-2.345
50	33	50.186	47.678	-2.508
50	34	48.984	48.291	-0.693
50	35	50.163	46.893	-3.270
55	36	49.157	48.895	-0.262
55	37	48.741	47.881	-0.860
55	38	48.621	48.671	0.050
55	39	49.440	48.653	-0.787
55	40	49.910	48.606	-1.304
100	41	48.734	47.220	-1.514
100	42	49.540	47.996	-1.544
100	43	49.936	47.354	-2.582
100	44	48.442	47.312	-1.130
100	45	50.478	47.008	-3.470
105	46	49.500	48.033	-1.467
105	47	50.216	47.745	-2.471
105	48	50.306	47.382	-2.924
105	49	49.669	47.386	-2.283
105	50	49.540	47.754	-1.786
105	51	50.070	47.768	-2.302
105	52	48.533	46.339	-2.194
105	53	49.826	47.135	-2.691
105	54	49.771	47.532	-2.239
105	55	49.331	46.627	-2.704
105	56	51.442	47.107	-4.335
105	57	48.910	47.591	-1.319
105	58	49.632	46.675	-2.957
105	59	49.979	48.251	-1.728
105	60	49.066	47.255	-1.811
105	61	49.573	47.787	-1.786
105	62	48.126	47.332	-0.794
105	63	49.907	47.626	-2.281
105	64	49.276	47.306	-1.970
105	65	50.184	47.421	-2.763
105	66	49.916	46.564	-3.352
105	67	49.835	46.888	-2.947
	Max	51.922	51.922	1.499
	Average	49.608	48.433	-1.175
	Min	48.126	46.339	-4.335
	Std Dev	0.697	1.206	1.305



	13.61_PSA_DT_50ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	50.321	49.118	48.608	48.387	48.168	47.821	48.222	46.893	47.881	47.008	46.339
Average	51.254	49.695	49.349	49.041	49.421	48.764	49.060	47.760	48.541	47.378	47.341
Max	51.922	50.476	50.055	49.615	50.145	49.345	50.696	48.291	48.895	47.996	48.251
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

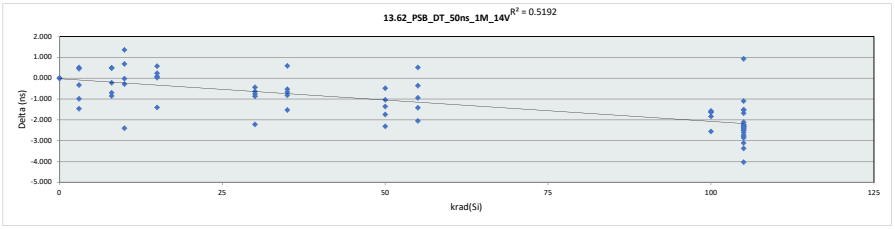


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

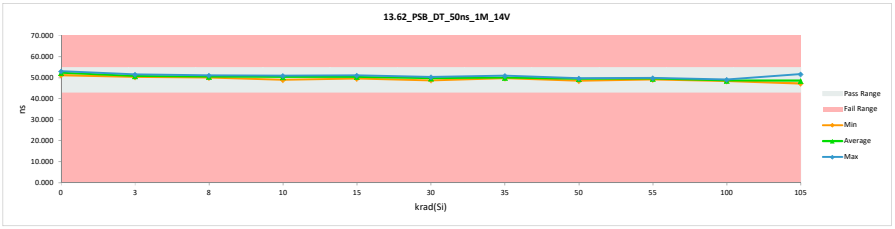
	13.62_PSB_DT_50ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	53.114	53.130	0.016
0	992	52.882	52.914	0.032
0	993	51.249	51.271	0.022
3	1	51.937	50.484	-1.453
3	2	51.396	50.431	-0.965
3	3	51.106	51.575	0.469
3	4	50.710	50.405	-0.305
3	5	50.944	51.474	0.530
8	6	50.601	51.113	0.512
8	7	50.353	50.148	-0.205
8	8	50.254	50.751	0.497
8	9	50.843	50.162	-0.681
8	10	51.491	50.652	-0.839
10	11	51.406	49.019	-2.387
10	12	50.527	50.530	0.003
10	13	51.239	50.974	-0.265
10	14	49.780	50.488	0.708
10	15	49.567	50.943	1.376
15	16	50.056	50.312	0.256
15	17	51.050	49.667	-1.383
15	18	50.525	50.626	0.101
15	19	50.604	50.649	0.045
15	20	50.533	51.130	0.597
30	21	50.472	50.053	-0.419
30	22	50.851	50.230	-0.621
30	23	51.314	50.463	-0.851
30	24	50.443	49.701	-0.742
30	25	51.003	48.799	-2.204
35	26	50.525	49.878	-0.647
35	27	50.461	49.957	-0.504
35	28	50.534	49.727	-0.807
35	29	50.468	51.081	0.613
35	30	51.679	50.168	-1.511
50	31	50.400	49.378	-1.022
50	32	51.551	49.829	-1.722
50	33	51.182	49.849	-1.333
50	34	50.107	49.641	-0.466
50	35	50.847	48.561	-2.286
55	36	50.237	49.890	-0.347
55	37	50.745	49.351	-1.394
55	38	49.329	49.861	0.532
55	39	50.696	49.768	-0.928
55	40	51.269	49.235	-2.034
100	41	50.837	49.235	-1.602
100	42	50.574	49.021	-1.553
100	43	50.566	48.745	-1.821
100	44	50.014	48.394	-1.620
100	45	50.900	48.359	-2.541
105	46	50.904	48.607	-2.297
105	47	51.383	48.296	-3.087
105	48	50.861	48.577	-2.284
105	49	51.071	48.576	-2.495
105	50	51.448	49.147	-2.301
105	51	50.622	49.107	-1.515
105	52	49.593	48.097	-1.496
105	53	50.719	49.058	-1.661
105	54	50.802	51.743	0.941
105	55	50.654	47.299	-3.355
105	56	51.841	47.831	-4.010
105	57	50.951	48.858	-2.093
105	58	50.708	48.327	-2.381
105	59	50.919	48.693	-2.226
105	60	51.392	48.546	-2.846
105	61	50.951	48.253	-2.698
105	62	49.861	48.785	-1.076
105	63	51.066	48.863	-2.203
105	64	50.624	48.175	-2.449
105	65	51.275	48.691	-2.584
105	66	51.082	48.320	-2.762
105	67	50.496	48.142	-2.354
	Max	53.114	53.130	1.376
	Average	50.834	49.686	-1.148
	Min	49.329	47.299	-4.010
	Std Dev	0.641	1.182	1.201



	13.62_PSB_DT_50ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	51.271	50.405	50.148	49.019	49.667	48.799	49.727	48.561	49.235	48.359	47.299
Average	52.438	50.874	50.565	50.391	50.477	49.849	50.162	49.452	49.621	48.751	48.636
Max	53.130	51.575	51.113	50.974	51.130	50.463	51.081	49.849	49.890	49.235	51.743
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

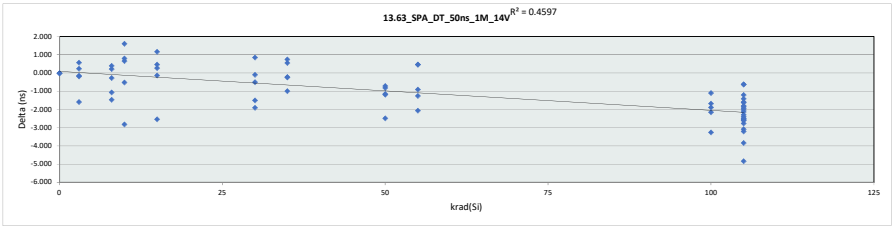


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

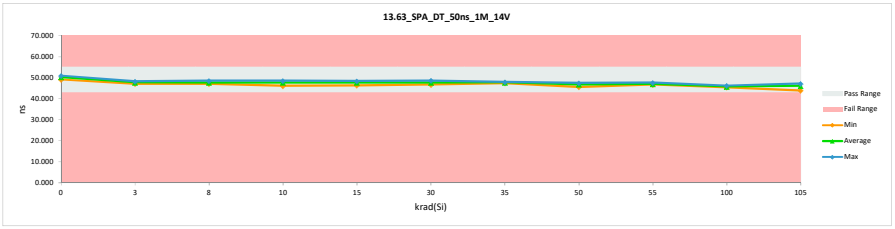
	13.63_SPA_DT_50ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	50.732	50.732	0.000
0	992	50.996	51.004	0.008
0	993	49.225	49.239	0.014
3	1	48.054	48.299	0.245
3	2	48.756	47.188	-1.568
3	3	48.167	48.038	-0.129
3	4	47.808	47.633	-0.175
3	5	47.622	48.207	0.585
8	6	48.232	48.637	0.405
8	7	47.950	47.692	-0.258
8	8	47.766	48.001	0.235
8	9	48.169	47.130	-1.039
8	10	49.005	47.550	-1.455
10	11	48.958	46.160	-2.798
10	12	48.597	48.090	-0.507
10	13	47.825	48.632	0.807
10	14	46.700	47.382	0.682
10	15	46.971	48.586	1.615
15	16	46.755	47.932	1.177
15	17	48.905	46.383	-2.522
15	18	47.967	48.452	0.485
15	19	47.888	47.770	-0.118
15	20	48.156	48.442	0.286
30	21	49.017	47.532	-1.485
30	22	48.047	47.969	-0.078
30	23	48.164	47.680	-0.484
30	24	47.829	48.695	0.866
30	25	48.681	46.797	-1.884
35	26	47.253	47.828	0.575
35	27	48.176	47.976	-0.200
35	28	48.398	47.429	-0.969
35	29	47.269	48.026	0.757
35	30	48.157	47.945	-0.212
50	31	47.635	46.935	-0.700
50	32	48.325	47.531	-0.794
50	33	48.710	47.538	-1.172
50	34	47.705	46.573	-1.132
50	35	48.112	45.649	-2.463
55	36	47.255	47.729	0.474
55	37	47.677	46.794	-0.883
55	38	46.448	46.930	0.482
55	39	48.423	47.181	-1.242
55	40	48.877	46.834	-2.043
100	41	47.730	45.855	-1.875
100	42	47.963	46.312	-1.651
100	43	48.202	46.076	-2.126
100	44	46.549	45.470	-1.079
100	45	48.713	45.474	-3.239
105	46	47.996	46.396	-1.600
105	47	48.727	46.221	-2.506
105	48	48.318	46.394	-1.924
105	49	48.775	46.395	-2.380
105	50	48.591	47.013	-1.578
105	51	49.658	46.916	-2.742
105	52	47.424	46.822	-0.602
105	53	48.492	45.935	-2.557
105	54	48.747	43.940	-4.807
105	55	48.175	44.984	-3.191
105	56	48.771	44.950	-3.821
105	57	48.636	47.242	-1.394
105	58	48.293	46.278	-2.015
105	59	48.526	46.055	-2.471
105	60	48.978	46.394	-2.584
105	61	48.222	47.037	-1.185
105	62	46.949	46.344	-0.605
105	63	48.016	46.229	-1.787
105	64	48.025	45.753	-2.272
105	65	48.805	46.686	-2.119
105	66	48.442	45.388	-3.054
105	67	47.935	46.105	-1.830
	Max	50.996	51.004	1.615
	Average	48.215	47.134	-1.080
	Min	46.448	43.940	-4.807
	Std Dev	0.793	1.224	1.327



	13.63_SPA_DT_50ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	49.239	47.188	47.130	46.160	46.383	46.797	47.429	45.649	46.794	45.470	43.940
Average	50.325	47.873	47.802	47.770	47.796	47.735	47.841	46.845	47.094	45.837	46.158
Max	51.004	48.299	48.637	48.632	48.452	48.695	48.026	47.538	47.729	46.312	47.242
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

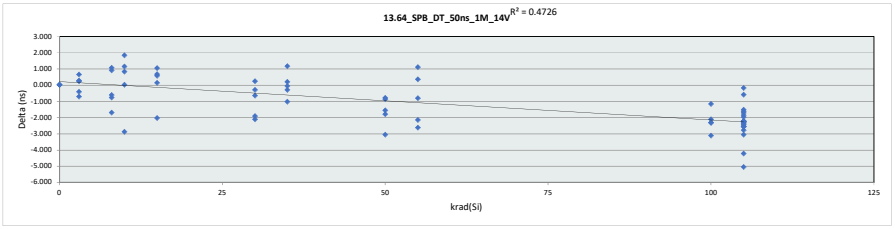


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

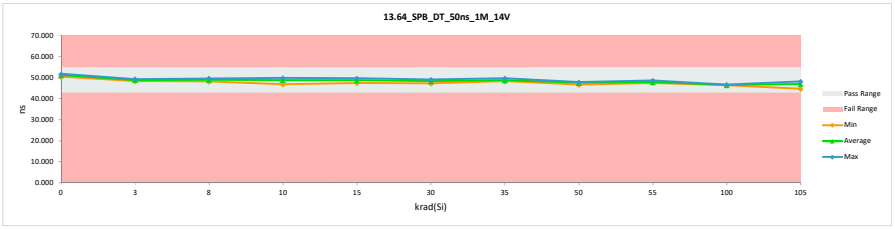
	13.64_SPB_DT_50ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	55	55
Min Limit	45	43

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	51.520	51.565	0.045
0	992	51.793	51.844	0.051
0	993	50.458	50.513	0.055
3	1	49.032	49.335	0.303
3	2	49.208	48.522	-0.686
3	3	48.818	49.075	0.257
3	4	48.875	48.484	-0.391
3	5	48.734	49.422	0.688
8	6	48.785	49.729	0.944
8	7	49.302	48.711	-0.591
8	8	48.613	49.706	1.093
8	9	49.019	48.270	-0.749
8	10	50.301	48.632	-1.669
10	11	49.771	46.930	-2.841
10	12	49.403	49.452	0.049
10	13	48.778	49.942	1.164
10	14	47.816	48.681	0.865
10	15	48.011	49.877	1.866
15	16	48.038	48.737	0.699
15	17	49.472	47.472	-2.000
15	18	48.667	49.264	0.597
15	19	49.032	49.205	0.173
15	20	48.748	49.819	1.071
30	21	49.723	47.846	-1.877
30	22	49.700	49.083	-0.617
30	23	49.136	48.867	-0.269
30	24	48.963	49.226	0.263
30	25	49.493	47.414	-2.079
35	26	48.604	48.574	-0.030
35	27	48.907	49.135	0.228
35	28	49.382	48.383	-0.999
35	29	48.542	49.742	1.200
35	30	49.162	48.890	-0.272
50	31	48.450	47.688	-0.762
50	32	49.502	47.968	-1.534
50	33	49.722	47.966	-1.756
50	34	48.675	47.834	-0.841
50	35	49.766	46.747	-3.019
55	36	48.342	48.734	0.392
55	37	48.719	47.934	-0.785
55	38	47.189	48.332	1.143
55	39	49.772	47.649	-2.123
55	40	50.147	47.562	-2.585
100	41	48.967	46.697	-2.270
100	42	48.810	46.735	-2.075
100	43	48.943	46.643	-2.300
100	44	47.585	46.447	-1.138
100	45	49.477	46.392	-3.085
105	46	49.406	46.862	-2.544
105	47	50.040	47.505	-2.535
105	48	48.721	47.141	-1.580
105	49	49.897	47.140	-2.757
105	50	49.759	48.261	-1.498
105	51	50.204	47.680	-2.524
105	52	48.036	47.482	-0.554
105	53	49.196	46.842	-2.354
105	54	49.796	44.766	-5.030
105	55	49.026	45.990	-3.036
105	56	50.355	46.170	-4.185
105	57	49.584	47.765	-1.819
105	58	49.021	46.844	-2.177
105	59	49.470	47.251	-2.219
105	60	49.306	47.041	-2.265
105	61	49.404	47.720	-1.684
105	62	48.112	47.970	-0.142
105	63	49.424	47.180	-2.244
105	64	49.228	46.821	-2.407
105	65	49.728	47.530	-2.198
105	66	48.734	46.523	-2.211
105	67	48.661	46.709	-1.952
	Max	51.793	51.844	1.866
	Average	49.185	48.098	-1.087
	Min	47.189	44.766	-5.030
	Std Dev	0.782	1.305	1.447



	13.64_SPB_DT_50ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	55	ns
Min Limit	43	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000
Min	50.513	48.484	48.270	46.930	47.472	47.414	48.383	46.747	47.562	46.392	44.766
Average	51.307	48.968	49.010	48.976	48.899	48.487	48.945	47.641	48.042	46.583	47.054
Max	51.844	49.422	49.729	49.942	49.819	49.226	49.742	47.968	48.734	46.735	48.261
UL	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

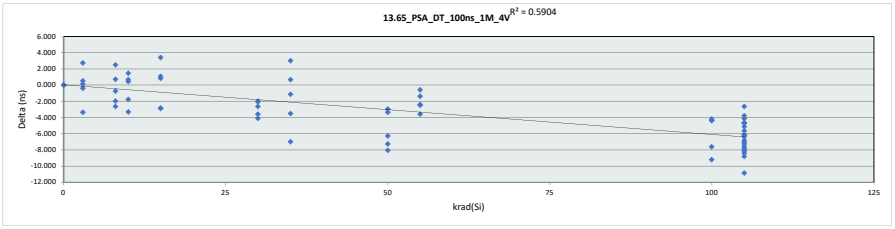


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

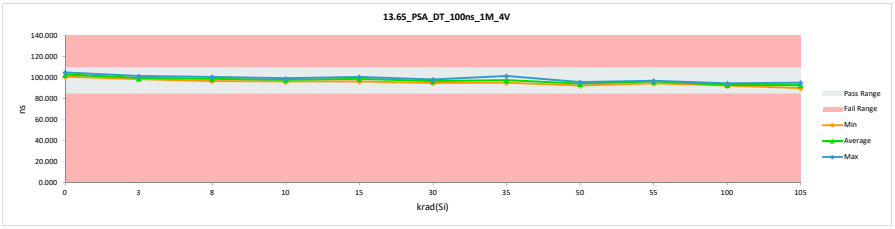
	13.65_PSA_DT_100ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	112	110
Min Limit	87	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	104.941	105.007	0.066
0	992	103.026	103.081	0.055
0	993	101.155	101.217	0.062
3	1	99.930	99.591	-0.339
3	2	101.870	98.565	-3.305
3	3	98.891	101.681	2.790
3	4	98.933	99.094	0.161
3	5	99.095	99.666	0.571
8	6	99.945	100.704	0.759
8	7	100.197	98.293	-1.904
8	8	97.827	100.366	2.539
8	9	98.642	97.964	-0.678
8	10	99.355	96.759	-2.596
10	11	100.343	97.100	-3.243
10	12	96.716	98.243	1.527
10	13	98.660	99.408	0.748
10	14	98.027	96.325	-1.702
10	15	98.815	99.315	0.500
15	16	98.678	99.572	0.894
15	17	99.395	96.590	-2.805
15	18	97.319	100.751	3.432
15	19	100.667	97.902	-2.765
15	20	98.864	99.979	1.115
30	21	100.293	98.353	-1.940
30	22	99.557	96.973	-2.584
30	23	100.084	96.552	-3.532
30	24	99.060	97.057	-2.003
30	25	98.999	94.970	-4.029
35	26	97.313	98.057	0.744
35	27	98.427	97.324	-1.103
35	28	99.693	96.243	-3.450
35	29	98.710	101.774	3.064
35	30	102.122	95.191	-6.931
50	31	99.071	95.784	-3.287
50	32	99.970	93.759	-6.211
50	33	100.974	93.776	-7.198
50	34	98.343	95.443	-2.900
50	35	100.629	92.632	-7.997
55	36	98.255	96.939	-1.316
55	37	97.108	94.773	-2.335
55	38	97.688	97.155	-0.533
55	39	98.807	96.374	-2.433
55	40	100.160	96.639	-3.521
100	41	97.227	92.928	-4.299
100	42	99.050	94.748	-4.302
100	43	100.278	92.729	-7.549
100	44	97.395	93.262	-4.133
100	45	101.600	92.457	-9.143
105	46	98.766	94.665	-4.101
105	47	100.709	94.373	-6.336
105	48	101.047	92.991	-8.056
105	49	99.069	92.975	-6.094
105	50	99.042	93.440	-5.602
105	51	99.825	93.779	-6.046
105	52	96.901	90.116	-6.785
105	53	100.354	92.573	-7.781
105	54	99.498	94.443	-5.055
105	55	98.916	91.911	-7.005
105	56	103.737	92.949	-10.788
105	57	97.157	93.414	-3.743
105	58	99.666	91.308	-8.358
105	59	99.771	95.193	-4.578
105	60	97.669	93.090	-4.579
105	61	98.928	94.301	-4.627
105	62	96.088	93.506	-2.582
105	63	100.594	93.410	-7.184
105	64	98.710	92.660	-6.050
105	65	100.490	92.960	-7.530
105	66	99.966	91.239	-8.727
105	67	99.931	91.981	-7.950
	Max	104.941	105.007	3.432
	Average	99.413	96.091	-3.323
	Min	96.088	90.116	-10.788
	Std Dev	1.594	3.199	3.364



	13.65_PSA_DT_100ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	101.217	98.565	96.759	96.325	96.590	94.970	95.191	92.632	94.773	92.457	90.116
Average	103.102	99.719	98.817	98.078	98.959	96.781	97.718	94.279	96.376	93.225	93.058
Max	105.007	101.681	100.704	99.408	100.751	98.353	101.774	95.784	97.155	94.748	95.193
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

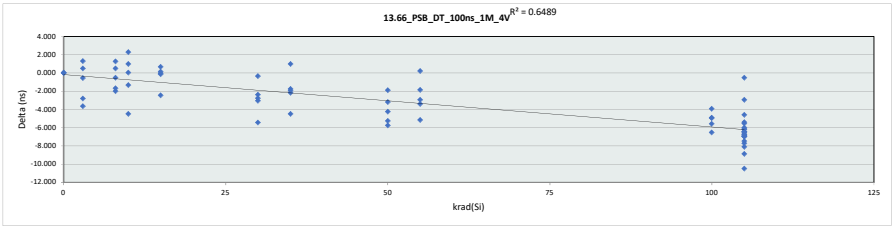


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

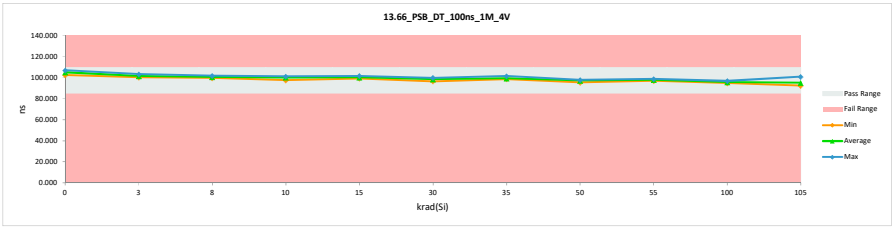
	13.66_PSB_DT_100ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	112	110
Min Limit	87	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	107.050	107.115	0.065
0	992	106.067	106.101	0.034
0	993	102.551	102.626	0.075
3	1	104.486	100.900	-3.586
3	2	103.315	100.576	-2.739
3	3	102.183	103.538	1.355
3	4	101.251	100.741	-0.510
3	5	102.477	103.010	0.533
8	6	100.772	102.072	1.300
8	7	100.506	100.023	-0.483
8	8	100.551	101.093	0.542
8	9	101.706	100.073	-1.633
8	10	102.524	100.585	-1.939
10	11	102.310	97.869	-4.441
10	12	100.461	100.540	0.079
10	13	102.653	101.387	-1.266
10	14	99.828	100.867	1.039
10	15	98.996	101.322	2.326
15	16	99.651	99.859	0.208
15	17	101.885	99.477	-2.408
15	18	100.980	101.002	0.022
15	19	100.716	100.633	-0.083
15	20	101.246	101.947	0.701
30	21	100.190	99.881	-0.309
30	22	102.258	99.247	-3.011
30	23	102.868	100.132	-2.736
30	24	100.087	97.755	-2.332
30	25	102.149	96.782	-5.367
35	26	101.186	99.310	-1.876
35	27	100.921	99.231	-1.690
35	28	100.996	98.866	-2.130
35	29	100.659	101.683	1.024
35	30	103.856	99.431	-4.425
50	31	100.701	97.569	-3.132
50	32	103.275	98.052	-5.223
50	33	102.267	98.071	-4.196
50	34	99.959	98.125	-1.834
50	35	101.320	95.626	-5.694
55	36	100.307	98.510	-1.797
55	37	100.862	97.524	-3.338
55	38	98.765	99.021	0.256
55	39	100.979	98.100	-2.879
55	40	102.254	97.166	-5.088
100	41	101.864	96.987	-4.877
100	42	100.666	96.782	-3.884
100	43	100.553	95.712	-4.841
100	44	100.525	94.993	-5.532
100	45	101.773	95.289	-6.484
105	46	101.402	94.986	-6.416
105	47	102.733	94.682	-8.051
105	48	102.111	95.359	-6.752
105	49	101.517	95.360	-6.157
105	50	103.009	96.089	-6.920
105	51	100.303	95.767	-4.536
105	52	98.993	93.642	-5.351
105	53	101.823	96.349	-5.474
105	54	101.709	101.240	-0.469
105	55	101.521	92.683	-8.838
105	56	103.916	93.491	-10.425
105	57	101.690	95.754	-5.936
105	58	101.398	94.742	-6.656
105	59	101.600	95.522	-6.078
105	60	102.455	95.713	-6.742
105	61	101.720	94.048	-7.672
105	62	99.346	96.434	-2.912
105	63	102.423	96.031	-6.392
105	64	101.255	93.825	-7.430
105	65	102.474	95.585	-6.889
105	66	102.015	95.111	-6.904
105	67	100.824	94.395	-6.429
	Max	107.050	107.115	2.326
	Average	101.595	98.286	-3.309
	Min	98.765	92.683	-10.425
	Std Dev	1.451	3.042	3.000



	13.66_PSB_DT_100ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	102.626	100.576	100.023	97.869	99.477	96.782	98.866	95.626	97.166	94.993	92.683
Average	105.281	101.753	100.769	100.397	100.584	98.759	99.704	97.489	98.064	95.953	95.309
Max	107.115	103.538	102.072	101.387	101.947	100.132	101.683	98.125	99.021	96.987	101.240
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

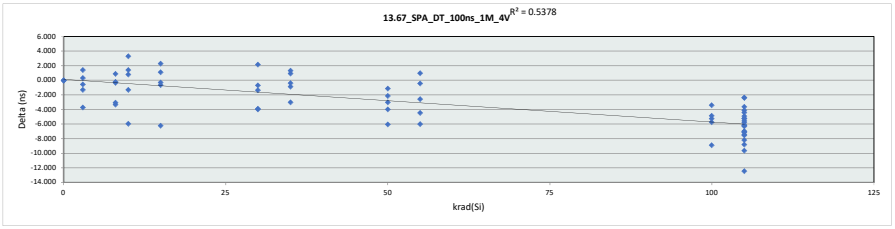


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

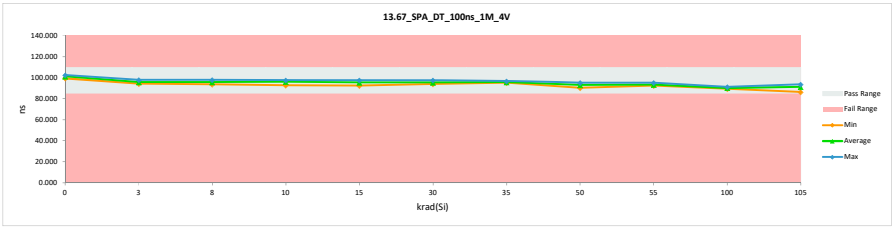
	13.67_SPA_DT_100ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	112	110
Min Limit	87	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	101.994	102.021	0.027
0	992	102.644	102.674	0.030
0	993	99.418	99.477	0.059
3	1	96.613	98.073	1.460
3	2	98.181	94.496	-3.685
3	3	96.806	96.272	-0.534
3	4	96.414	95.140	-1.274
3	5	95.655	96.037	0.382
8	6	97.225	98.177	0.952
8	7	96.576	96.266	-0.310
8	8	96.311	96.169	-0.142
8	9	97.135	93.874	-3.261
8	10	98.257	95.254	-3.003
10	11	98.865	92.976	-5.889
10	12	98.439	97.193	-1.246
10	13	96.375	97.830	1.455
10	14	93.877	94.726	0.849
10	15	94.401	97.736	3.335
15	16	93.614	95.949	2.335
15	17	98.594	92.441	-6.153
15	18	96.532	97.697	1.165
15	19	96.099	95.504	-0.595
15	20	97.118	96.854	-0.264
30	21	99.194	95.259	-3.935
30	22	96.496	95.857	-0.639
30	23	96.387	95.092	-1.295
30	24	95.490	97.683	2.193
30	25	97.984	94.126	-3.858
35	26	94.622	96.008	1.386
35	27	97.045	96.727	-0.318
35	28	98.246	95.271	-2.975
35	29	94.688	95.650	0.962
35	30	96.567	95.741	-0.826
50	31	95.133	93.048	-2.085
50	32	96.314	95.244	-1.070
50	33	98.265	95.300	-2.965
50	34	96.333	92.421	-3.912
50	35	96.437	90.449	-5.988
55	36	94.206	95.211	1.005
55	37	95.630	93.099	-2.531
55	38	93.832	93.469	-0.363
55	39	98.099	93.689	-4.410
55	40	98.473	92.533	-5.940
100	41	95.564	90.347	-5.217
100	42	96.137	91.320	-4.817
100	43	96.595	90.927	-5.668
100	44	92.884	89.532	-3.352
100	45	98.332	89.510	-8.822
105	46	96.259	91.899	-4.360
105	47	97.627	91.496	-6.131
105	48	97.495	91.984	-5.511
105	49	98.239	91.991	-6.248
105	50	97.657	92.516	-5.141
105	51	100.416	92.949	-7.467
105	52	95.761	93.387	-2.374
105	53	97.889	90.891	-6.998
105	54	98.822	86.447	-12.375
105	55	97.363	88.622	-8.741
105	56	97.688	88.110	-9.578
105	57	97.815	93.766	-4.049
105	58	96.931	91.731	-5.200
105	59	97.566	90.657	-6.909
105	60	99.266	91.876	-7.390
105	61	97.089	93.519	-3.570
105	62	93.934	91.642	-2.292
105	63	96.528	90.788	-5.740
105	64	96.528	89.458	-7.070
105	65	98.303	92.210	-6.093
105	66	97.412	89.273	-8.139
105	67	95.863	91.008	-4.855
	Max	102.644	102.674	3.335
	Average	96.979	93.894	-3.085
	Min	92.884	86.447	-12.375
	Std Dev	1.781	3.124	3.350



	13.67_SPA_DT_100ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	99.477	94.496	93.874	92.976	92.441	94.126	95.271	90.449	92.533	89.510	86.447
Average	101.391	96.004	95.948	96.092	95.689	95.603	95.879	93.292	93.600	90.327	91.192
Max	102.674	98.073	98.177	97.830	97.697	97.683	96.727	95.300	95.211	91.320	93.766
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

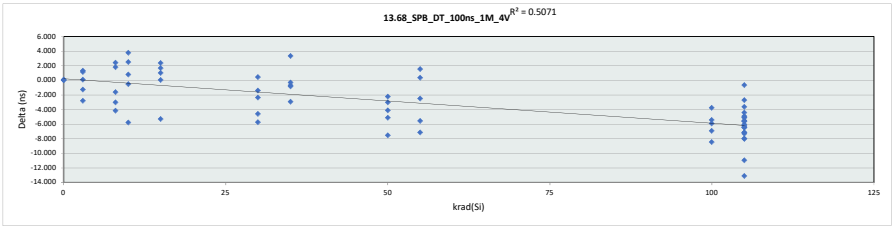


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

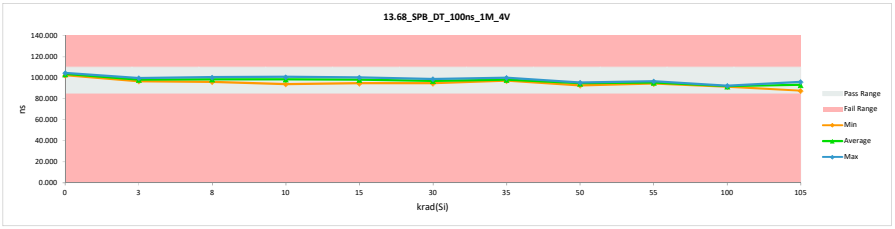
	13.68_SPB_DT_100ns_1M_4V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	112	110
Min Limit	87	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	103.864	103.929	0.065
0	992	104.533	104.634	0.101
0	993	102.169	102.312	0.143
3	1	98.491	99.876	1.385
3	2	99.448	96.689	-2.759
3	3	98.326	98.487	0.161
3	4	98.441	97.232	-1.209
3	5	98.175	99.355	1.180
8	6	98.094	100.544	2.450
8	7	99.730	98.185	-1.545
8	8	98.229	100.098	1.869
8	9	99.076	96.112	-2.964
8	10	101.762	97.645	-4.117
10	11	99.805	94.054	-5.751
10	12	99.740	99.260	-0.480
10	13	98.370	100.904	2.534
10	14	96.949	97.789	0.840
10	15	96.981	100.813	3.832
15	16	96.537	97.621	1.084
15	17	100.069	94.805	-5.264
15	18	97.683	99.384	1.701
15	19	98.788	98.881	0.093
15	20	97.948	100.384	2.436
30	21	100.462	94.762	-5.700
30	22	100.914	98.590	-2.324
30	23	99.005	97.652	-1.353
30	24	98.348	98.830	0.482
30	25	99.956	95.390	-4.566
35	26	98.082	97.438	-0.644
35	27	99.013	98.771	-0.242
35	28	100.094	97.209	-2.885
35	29	96.781	100.147	3.366
35	30	98.768	97.970	-0.798
50	31	97.152	94.984	-2.168
50	32	99.528	95.484	-4.044
50	33	100.573	95.504	-5.069
50	34	98.142	95.190	-2.952
50	35	100.320	92.855	-7.465
55	36	96.401	96.801	0.400
55	37	97.983	95.539	-2.444
55	38	94.857	96.428	1.571
55	39	100.154	94.646	-5.508
55	40	101.569	94.490	-7.079
100	41	98.672	91.799	-6.873
100	42	97.822	92.456	-5.366
100	43	98.224	92.357	-5.867
100	44	95.233	91.534	-3.699
100	45	100.037	91.644	-8.393
105	46	99.616	92.539	-7.077
105	47	101.076	94.696	-6.380
105	48	97.285	93.715	-3.570
105	49	100.799	93.728	-7.071
105	50	100.334	95.964	-4.370
105	51	101.797	93.876	-7.921
105	52	97.078	94.427	-2.651
105	53	99.262	92.925	-6.337
105	54	100.763	87.719	-13.044
105	55	99.121	91.148	-7.973
105	56	102.058	91.155	-10.903
105	57	100.115	95.053	-5.062
105	58	98.886	92.466	-6.420
105	59	99.271	93.795	-5.476
105	60	99.237	93.123	-6.114
105	61	99.622	94.776	-4.846
105	62	96.722	96.125	-0.597
105	63	99.602	93.621	-5.981
105	64	99.431	92.161	-7.270
105	65	99.808	94.231	-5.577
105	66	97.724	92.150	-5.574
105	67	97.642	92.636	-5.006
	Max	104.533	104.634	3.832
	Average	99.122	95.993	-3.129
	Min	94.857	87.719	-13.044
	Std Dev	1.770	3.296	3.617



	13.68_SPB_DT_100ns_1M_4V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	102.312	96.689	96.112	94.054	94.805	94.762	97.209	92.855	94.490	91.534	87.719
Average	103.625	98.328	98.517	98.564	98.215	97.045	98.307	94.803	95.581	91.958	93.274
Max	104.634	99.876	100.544	100.904	100.384	98.830	100.147	95.504	96.801	92.456	96.125
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

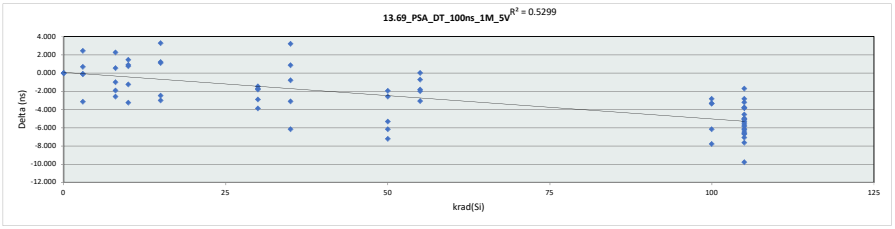


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

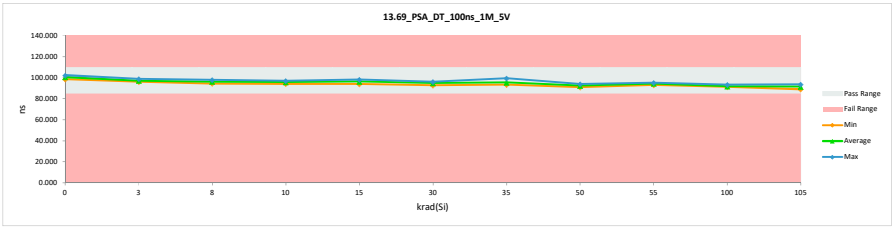
	13.69_PSA_DT_100ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	102.431	102.451	0.020
0	992	100.930	100.932	0.002
0	993	98.684	98.736	0.052
3	1	97.381	97.305	-0.076
3	2	99.269	96.162	-3.107
3	3	96.627	99.113	2.486
3	4	96.604	96.564	-0.040
3	5	96.649	97.382	0.733
8	6	97.609	98.176	0.567
8	7	97.728	95.867	-1.861
8	8	95.554	97.865	2.311
8	9	96.520	95.548	-0.972
8	10	97.107	94.569	-2.538
10	11	97.914	94.688	-3.226
10	12	94.655	96.143	1.488
10	13	96.375	97.159	0.784
10	14	95.475	94.265	-1.210
10	15	96.149	97.094	0.945
15	16	96.130	97.266	1.136
15	17	97.112	94.139	-2.973
15	18	95.043	98.356	3.313
15	19	98.254	95.810	-2.444
15	20	96.434	97.666	1.232
30	21	97.922	96.249	-1.673
30	22	96.930	95.161	-1.769
30	23	97.632	94.759	-2.873
30	24	96.813	95.376	-1.437
30	25	96.784	92.952	-3.832
35	26	95.073	95.976	0.903
35	27	96.176	95.423	-0.753
35	28	97.378	94.316	-3.062
35	29	96.271	99.515	3.244
35	30	99.476	93.369	-6.107
50	31	96.562	94.010	-2.552
50	32	97.614	92.320	-5.294
50	33	98.439	92.324	-6.115
50	34	95.873	93.970	-1.903
50	35	98.112	90.939	-7.173
55	36	95.802	95.122	-0.680
55	37	94.890	93.132	-1.758
55	38	95.137	95.205	0.068
55	39	96.616	94.651	-1.965
55	40	97.801	94.755	-3.046
100	41	95.028	91.719	-3.309
100	42	96.779	93.510	-3.269
100	43	97.839	91.719	-6.120
100	44	94.824	92.035	-2.789
100	45	99.083	91.351	-7.732
105	46	96.514	93.352	-3.162
105	47	98.272	93.000	-5.272
105	48	98.480	91.850	-6.630
105	49	96.853	91.862	-4.991
105	50	96.769	92.246	-4.523
105	51	97.637	92.557	-5.080
105	52	94.524	89.070	-5.454
105	53	97.803	91.381	-6.422
105	54	97.224	91.552	-5.672
105	55	96.532	90.434	-6.098
105	56	101.153	91.424	-9.729
105	57	95.008	92.209	-2.799
105	58	97.126	90.085	-7.041
105	59	97.509	93.779	-3.730
105	60	95.489	91.692	-3.797
105	61	96.780	93.013	-3.767
105	62	93.706	92.028	-1.678
105	63	97.997	92.190	-5.807
105	64	96.480	91.544	-4.936
105	65	98.023	91.827	-6.196
105	66	97.576	89.997	-7.579
105	67	97.455	90.839	-6.616
	Max	102.431	102.451	3.313
	Average	97.034	94.301	-2.734
	Min	93.706	89.070	-9.729
	Std Dev	1.540	2.782	2.954



	13.69_PSA_DT_100ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	98.736	96.162	94.569	94.265	94.139	92.952	93.369	90.939	93.132	91.351	89.070
Average	100.706	97.305	96.405	95.870	96.647	94.899	95.720	92.713	94.573	92.067	91.724
Max	102.451	99.113	98.176	97.159	98.356	96.249	99.515	94.010	95.205	93.510	93.779
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

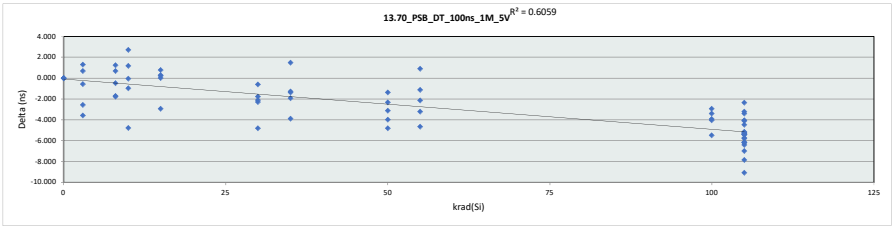


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

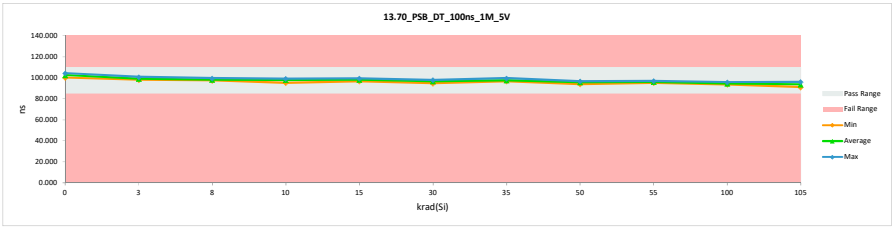
	13.70_PSB_DT_100ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	104.399	104.436	0.037
0	992	103.613	103.660	0.047
0	993	100.053	100.109	0.056
3	1	102.078	98.547	-3.531
3	2	100.641	98.130	-2.511
3	3	99.546	100.883	1.337
3	4	98.833	98.310	-0.523
3	5	99.732	100.462	0.730
8	6	98.393	99.660	1.267
8	7	98.070	97.627	-0.443
8	8	97.961	98.679	0.718
8	9	99.214	97.535	-1.679
8	10	100.279	98.547	-1.732
10	11	100.063	95.343	-4.720
10	12	98.327	98.318	-0.009
10	13	100.168	99.252	-0.916
10	14	97.239	98.465	1.226
10	15	96.440	99.184	2.744
15	16	97.378	97.697	0.319
15	17	99.704	96.815	-2.889
15	18	98.435	98.692	0.257
15	19	98.315	98.365	0.050
15	20	98.716	99.532	0.816
30	21	98.171	97.620	-0.551
30	22	99.532	97.473	-2.059
30	23	100.231	97.976	-2.255
30	24	97.814	96.089	-1.725
30	25	99.562	94.812	-4.750
35	26	98.554	97.222	-1.332
35	27	98.460	97.222	-1.238
35	28	98.663	96.789	-1.874
35	29	98.164	99.676	1.512
35	30	101.153	97.322	-3.831
50	31	98.252	95.979	-2.273
50	32	100.686	96.738	-3.948
50	33	99.826	96.759	-3.067
50	34	97.590	96.276	-1.314
50	35	98.857	94.099	-4.758
55	36	97.739	96.650	-1.089
55	37	98.808	95.646	-3.162
55	38	96.080	97.012	0.932
55	39	98.691	96.597	-2.094
55	40	99.980	95.360	-4.620
100	41	99.302	95.937	-3.365
100	42	98.255	95.373	-2.882
100	43	98.297	94.414	-3.883
100	44	97.679	93.679	-4.000
100	45	99.324	93.898	-5.426
105	46	99.016	93.839	-5.177
105	47	100.197	93.251	-6.946
105	48	99.458	94.068	-5.390
105	49	99.379	94.064	-5.315
105	50	100.343	94.974	-5.369
105	51	98.174	94.827	-3.347
105	52	96.685	92.632	-4.053
105	53	99.233	95.248	-3.985
105	54	99.243	96.083	-3.160
105	55	98.980	91.169	-7.811
105	56	101.357	92.318	-9.039
105	57	99.173	94.756	-4.417
105	58	99.061	93.311	-5.750
105	59	99.121	94.019	-5.102
105	60	100.308	94.153	-6.155
105	61	99.212	93.056	-6.156
105	62	97.085	94.767	-2.318
105	63	99.820	94.607	-5.213
105	64	98.723	92.629	-6.094
105	65	99.876	94.187	-5.689
105	66	99.826	93.470	-6.356
105	67	98.356	93.031	-5.325
	Max	104.399	104.436	2.744
	Average	99.141	96.419	-2.722
	Min	96.080	91.169	-9.039
	Std Dev	1.412	2.599	2.599



	13.70_PSB_DT_100ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	100.109	98.130	97.535	95.343	96.815	94.812	96.789	94.099	95.360	93.679	91.169
Average	102.735	99.266	98.410	98.112	98.220	96.794	97.646	95.970	96.253	94.660	93.839
Max	104.436	100.883	99.660	99.252	99.532	97.976	99.676	96.759	97.012	95.937	96.083
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

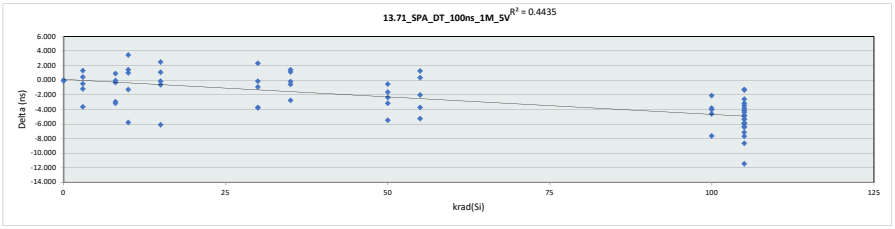


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

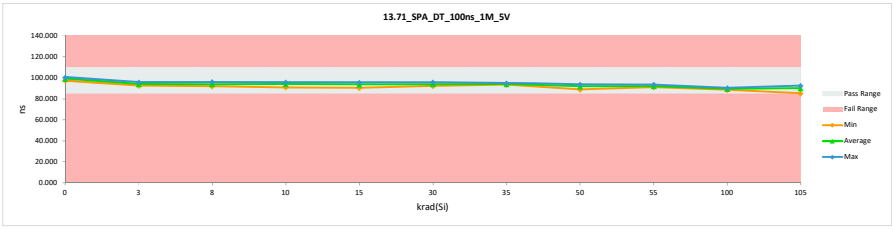
	13.71_SPA_DT_100ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	99.965	99.972	0.007
0	992	100.594	100.627	0.033
0	993	97.270	97.320	0.050
3	1	94.631	96.014	1.383
3	2	96.170	92.601	-3.569
3	3	94.778	94.344	-0.434
3	4	94.375	93.251	-1.124
3	5	93.633	94.131	0.498
8	6	95.165	96.138	0.973
8	7	94.480	94.212	-0.268
8	8	94.183	94.214	0.031
8	9	95.173	92.094	-3.079
8	10	96.173	93.299	-2.874
10	11	96.663	90.924	-5.739
10	12	96.414	95.211	-1.203
10	13	94.368	95.876	1.508
10	14	91.785	92.842	1.057
10	15	92.265	95.801	3.536
15	16	91.551	94.111	2.560
15	17	96.501	90.455	-6.046
15	18	94.565	95.734	1.169
15	19	94.191	93.646	-0.545
15	20	95.090	95.024	-0.066
30	21	97.246	93.547	-3.699
30	22	94.479	94.402	-0.077
30	23	94.341	93.479	-0.862
30	24	93.624	96.020	2.396
30	25	96.009	92.321	-3.688
35	26	92.684	94.188	1.504
35	27	95.078	94.970	-0.108
35	28	96.178	93.479	-2.699
35	29	92.735	93.936	1.201
35	30	94.595	94.077	-0.518
50	31	93.238	91.667	-1.571
50	32	94.343	93.851	-0.492
50	33	96.178	93.860	-2.318
50	34	94.305	91.220	-3.085
50	35	94.434	89.012	-5.422
55	36	92.358	93.699	1.341
55	37	93.616	91.647	-1.969
55	38	91.664	92.054	0.390
55	39	95.962	92.289	-3.673
55	40	96.389	91.186	-5.203
100	41	93.546	89.577	-3.969
100	42	94.303	90.552	-3.751
100	43	94.659	90.132	-4.527
100	44	90.822	88.793	-2.029
100	45	96.309	88.753	-7.556
105	46	94.255	90.841	-3.414
105	47	95.662	90.400	-5.262
105	48	95.360	91.051	-4.309
105	49	96.336	91.034	-5.302
105	50	95.595	91.529	-4.066
105	51	98.250	91.851	-6.399
105	52	93.551	92.336	-1.215
105	53	95.742	89.923	-5.819
105	54	96.706	85.322	-11.384
105	55	95.197	87.562	-7.635
105	56	95.622	87.057	-8.565
105	57	95.777	92.659	-3.118
105	58	94.830	90.718	-4.112
105	59	95.536	89.683	-5.853
105	60	97.102	90.833	-6.269
105	61	95.126	92.595	-2.531
105	62	91.830	90.552	-1.278
105	63	94.565	89.822	-4.743
105	64	94.514	88.693	-5.821
105	65	96.175	91.307	-4.868
105	66	95.387	88.282	-7.105
105	67	93.892	90.137	-3.755
	Max	100.594	100.627	3.536
	Average	94.944	92.439	-2.505
	Min	90.822	85.322	-11.384
	Std Dev	1.764	2.773	3.031



	13.71_SPA_DT_100ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	97.320	92.601	92.094	90.924	90.455	92.321	93.479	89.012	91.186	88.753	85.322
Average	99.306	94.068	93.991	94.131	93.794	93.954	94.130	91.922	92.175	89.561	90.190
Max	100.627	96.014	96.138	95.876	95.734	96.020	94.970	93.860	93.699	90.552	92.659
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

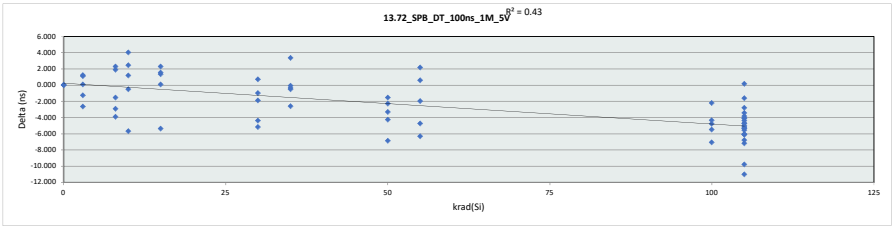


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

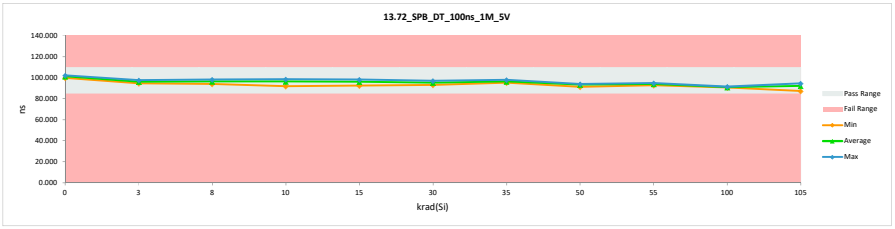
	13.72_SPB_DT_100ns_1M_5V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	101.766	101.828	0.062
0	992	102.369	102.425	0.056
0	993	99.853	99.953	0.100
3	1	96.423	97.700	1.277
3	2	97.236	94.665	-2.571
3	3	96.214	96.343	0.129
3	4	96.334	95.117	-1.217
3	5	96.011	97.172	1.161
8	6	95.966	98.304	2.338
8	7	97.453	95.977	-1.476
8	8	96.027	97.980	1.953
8	9	96.941	94.077	-2.864
8	10	99.496	95.642	-3.854
10	11	97.565	91.936	-5.629
10	12	97.564	97.094	-0.470
10	13	96.200	98.695	2.495
10	14	94.491	95.728	1.237
10	15	94.548	98.619	4.071
15	16	94.300	95.691	1.391
15	17	97.865	92.577	-5.288
15	18	95.674	97.286	1.612
15	19	96.666	96.807	0.141
15	20	95.911	98.271	2.360
30	21	98.337	93.224	-5.113
30	22	98.632	96.808	-1.824
30	23	96.856	95.939	-0.917
30	24	96.273	97.032	0.759
30	25	97.789	93.479	-4.310
35	26	95.918	95.615	-0.303
35	27	96.768	96.757	-0.011
35	28	97.853	95.321	-2.532
35	29	94.728	98.148	3.420
35	30	96.603	96.148	-0.455
50	31	95.051	93.554	-1.497
50	32	97.334	94.086	-3.248
50	33	98.326	94.114	-4.212
50	34	95.988	93.764	-2.224
50	35	98.160	91.351	-6.809
55	36	94.299	94.951	0.652
55	37	95.901	93.969	-1.932
55	38	92.613	94.826	2.213
55	39	97.842	93.169	-4.673
55	40	99.225	92.972	-6.253
100	41	96.486	91.057	-5.429
100	42	95.843	91.565	-4.278
100	43	96.195	91.467	-4.728
100	44	92.885	90.715	-2.170
100	45	97.825	90.803	-7.022
105	46	97.435	91.388	-6.047
105	47	98.830	93.337	-5.493
105	48	95.306	92.569	-2.737
105	49	98.561	92.576	-5.985
105	50	98.142	94.759	-3.383
105	51	99.445	92.727	-6.718
105	52	94.770	93.194	-1.576
105	53	97.076	91.822	-5.254
105	54	98.396	87.455	-10.941
105	55	96.916	89.792	-7.124
105	56	99.665	89.947	-9.718
105	57	97.843	93.783	-4.060
105	58	96.714	91.459	-5.255
105	59	97.225	92.592	-4.633
105	60	97.128	91.999	-5.129
105	61	97.448	93.683	-3.765
105	62	94.485	94.689	0.204
105	63	97.432	92.485	-4.947
105	64	97.219	91.209	-6.010
105	65	97.424	93.117	-4.307
105	66	95.679	91.008	-4.671
105	67	95.547	91.551	-3.996
	Max	102.369	102.425	4.071
	Average	96.933	94.398	-2.535
	Min	92.613	87.455	-10.941
	Std Dev	1.748	2.883	3.227



	13.72_SPB_DT_100ns_1M_5V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	99.953	94.665	94.077	91.936	92.577	93.224	95.321	91.351	92.972	90.715	87.455
Average	101.402	96.199	96.396	96.414	96.126	95.296	96.398	93.374	93.977	91.121	92.143
Max	102.425	97.700	98.304	98.695	98.271	97.032	98.148	94.114	94.951	91.565	94.759
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

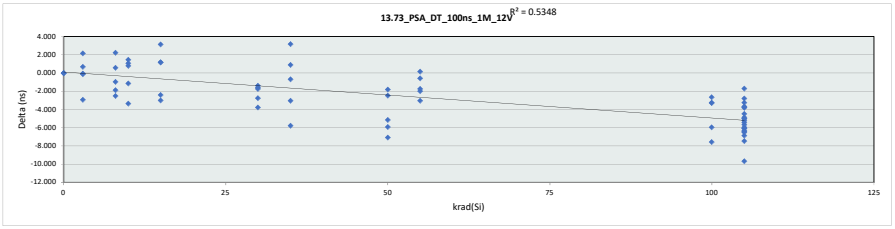


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

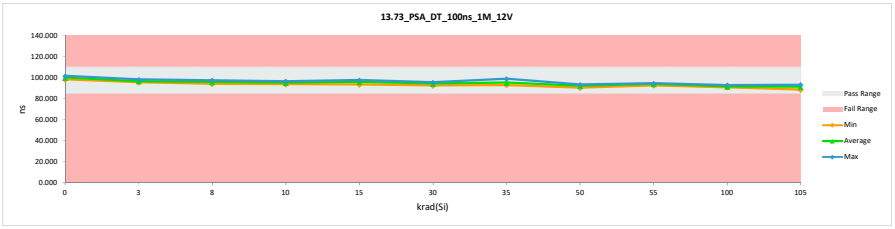
	13.73_PSA_DT_100ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	101.834	101.845	0.011
0	992	100.436	100.462	0.026
0	993	98.295	98.340	0.045
3	1	96.891	96.818	-0.073
3	2	98.589	95.678	-2.911
3	3	96.219	98.406	2.187
3	4	96.084	96.055	-0.029
3	5	96.157	96.891	0.734
8	6	97.054	97.674	0.620
8	7	97.223	95.385	-1.838
8	8	95.087	97.351	2.264
8	9	96.019	95.097	-0.922
8	10	96.629	94.139	-2.490
10	11	97.440	94.128	-3.312
10	12	94.234	95.739	1.505
10	13	95.888	96.716	0.828
10	14	94.952	93.853	-1.099
10	15	95.528	96.631	1.103
15	16	95.554	96.757	1.203
15	17	96.577	93.624	-2.953
15	18	94.639	97.800	3.161
15	19	97.777	95.405	-2.372
15	20	95.983	97.180	1.197
30	21	97.428	95.722	-1.706
30	22	96.378	94.815	-1.563
30	23	97.119	94.408	-2.711
30	24	96.351	95.001	-1.350
30	25	96.311	92.570	-3.741
35	26	94.603	95.517	0.914
35	27	95.696	95.052	-0.644
35	28	96.896	93.894	-3.002
35	29	95.806	99.028	3.222
35	30	98.774	93.023	-5.751
50	31	96.033	93.610	-2.423
50	32	97.090	91.999	-5.091
50	33	97.884	92.010	-5.874
50	34	95.396	93.608	-1.788
50	35	97.591	90.557	-7.034
55	36	95.323	94.785	-0.538
55	37	94.424	92.731	-1.693
55	38	94.560	94.762	0.202
55	39	96.200	94.256	-1.944
55	40	97.290	94.298	-2.992
100	41	94.576	91.341	-3.235
100	42	96.289	93.082	-3.207
100	43	97.323	91.419	-5.904
100	44	94.266	91.663	-2.603
100	45	98.496	90.990	-7.506
105	46	96.109	92.899	-3.210
105	47	97.779	92.608	-5.171
105	48	97.866	91.492	-6.374
105	49	96.442	91.487	-4.955
105	50	96.370	91.918	-4.452
105	51	97.181	92.223	-4.958
105	52	94.113	88.737	-5.376
105	53	97.326	91.019	-6.307
105	54	96.836	90.940	-5.896
105	55	96.069	90.016	-6.053
105	56	100.641	91.028	-9.613
105	57	94.586	91.838	-2.748
105	58	96.584	89.766	-6.818
105	59	97.075	93.428	-3.647
105	60	95.105	91.322	-3.783
105	61	96.373	92.682	-3.691
105	62	93.313	91.649	-1.664
105	63	97.493	91.849	-5.644
105	64	96.004	91.196	-4.808
105	65	97.528	91.495	-6.033
105	66	97.071	89.648	-7.423
105	67	96.939	90.472	-6.467
	Max	101.834	101.845	3.222
	Average	96.543	93.883	-2.660
	Min	93.313	88.737	-9.613
	Std Dev	1.512	2.728	2.898



	13.73_PSA_DT_100ns_1M_12	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	98.340	95.678	94.139	93.853	93.624	92.570	93.023	90.557	92.731	90.990	88.737
Average	100.216	96.770	95.929	95.413	96.153	94.503	95.303	92.357	94.166	91.699	91.351
Max	101.845	98.406	97.674	96.716	97.800	95.722	99.028	93.610	94.785	93.082	93.428
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

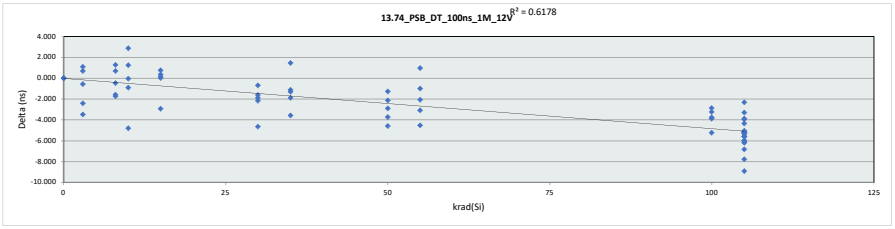


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

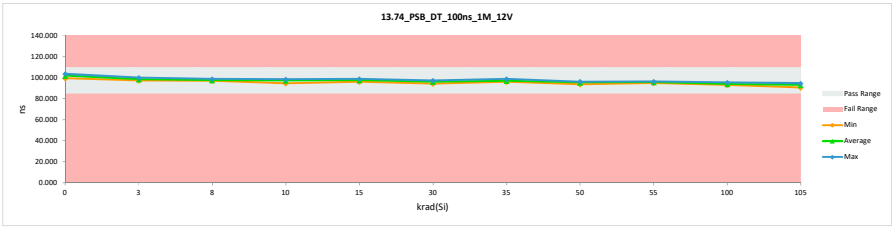
	13.74_PSB_DT_100ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	103.736	103.758	0.022
0	992	103.036	103.084	0.048
0	993	99.584	99.639	0.055
3	1	101.466	98.016	-3.450
3	2	99.913	97.543	-2.370
3	3	99.027	100.168	1.141
3	4	98.205	97.684	-0.521
3	5	99.124	99.843	0.719
8	6	97.783	99.086	1.303
8	7	97.510	97.079	-0.431
8	8	97.361	98.097	0.736
8	9	98.564	97.015	-1.549
8	10	99.694	98.002	-1.692
10	11	99.517	94.744	-4.773
10	12	97.856	97.858	0.002
10	13	99.578	98.714	-0.864
10	14	96.634	97.920	1.286
10	15	95.757	98.650	2.893
15	16	96.791	97.170	0.379
15	17	99.097	96.210	-2.887
15	18	97.923	98.106	0.183
15	19	97.795	97.845	0.050
15	20	98.180	98.955	0.775
30	21	97.724	97.070	-0.654
30	22	98.897	97.052	-1.845
30	23	99.606	97.482	-2.124
30	24	97.271	95.695	-1.576
30	25	98.971	94.371	-4.600
35	26	97.991	96.732	-1.259
35	27	97.879	96.798	-1.081
35	28	98.136	96.281	-1.855
35	29	97.615	99.114	1.499
35	30	100.404	96.869	-3.535
50	31	97.632	95.551	-2.081
50	32	100.036	96.361	-3.675
50	33	99.220	96.374	-2.846
50	34	97.048	95.811	-1.237
50	35	98.219	93.668	-4.551
55	36	97.185	96.215	-0.970
55	37	98.218	95.167	-3.051
55	38	95.479	96.493	1.014
55	39	98.200	96.163	-2.037
55	40	99.396	94.903	-4.493
100	41	98.701	95.516	-3.185
100	42	97.697	94.852	-2.845
100	43	97.737	94.017	-3.720
100	44	97.060	93.210	-3.850
100	45	98.689	93.494	-5.195
105	46	98.493	93.366	-5.127
105	47	99.591	92.815	-6.776
105	48	98.843	93.585	-5.258
105	49	98.886	93.596	-5.290
105	50	99.753	94.583	-5.170
105	51	97.715	94.468	-3.247
105	52	96.192	92.302	-3.890
105	53	98.687	94.836	-3.851
105	54	98.759	93.234	-5.525
105	55	98.434	90.693	-7.741
105	56	100.756	91.881	-8.875
105	57	98.644	94.328	-4.316
105	58	98.495	92.933	-5.562
105	59	98.612	93.598	-5.014
105	60	99.833	93.717	-6.116
105	61	98.685	92.742	-5.943
105	62	96.543	94.271	-2.272
105	63	99.219	94.151	-5.068
105	64	98.199	92.239	-5.960
105	65	99.316	93.757	-5.559
105	66	99.203	93.044	-6.159
105	67	97.781	92.638	-5.143
	Max	103.736	103.758	2.893
	Average	98.568	95.903	-2.665
	Min	95.479	90.693	-8.875
	Std Dev	1.396	2.561	2.573



	13.74_PSB_DT_100ns_1M_12	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	99.639	97.543	97.015	94.744	96.210	94.371	96.281	93.668	94.903	93.210	90.693
Average	102.160	98.651	97.856	97.577	97.657	96.334	97.159	95.553	95.788	94.218	93.308
Max	103.758	100.168	99.086	98.714	98.955	97.482	99.114	96.374	96.493	95.516	94.836
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

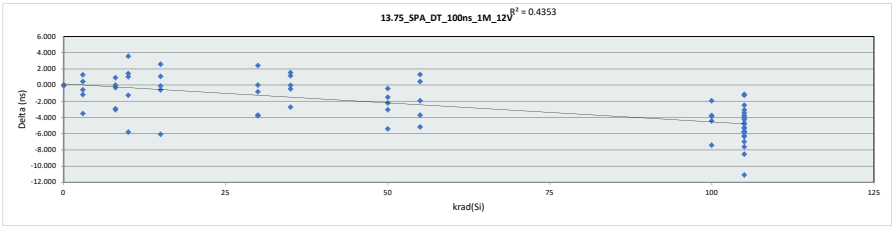


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

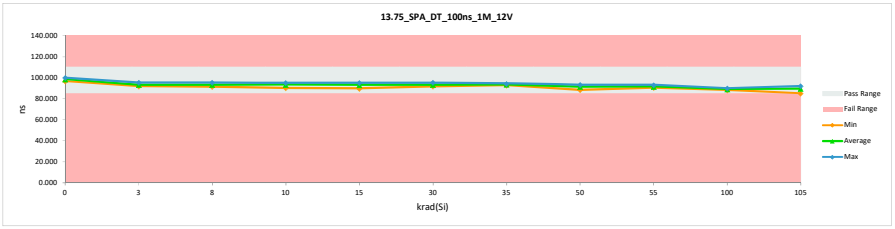
	13.75_SPA_DT_100ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	99.313	99.335	0.022
0	992	100.014	100.042	0.028
0	993	96.807	96.840	0.033
3	1	94.152	95.491	1.339
3	2	95.549	92.087	-3.462
3	3	94.301	93.749	-0.552
3	4	93.820	92.689	-1.131
3	5	93.093	93.602	0.509
8	6	94.608	95.586	0.978
8	7	93.936	93.676	-0.260
8	8	93.634	93.681	0.047
8	9	94.584	91.605	-2.979
8	10	95.620	92.772	-2.848
10	11	96.116	90.394	-5.722
10	12	95.924	94.725	-1.199
10	13	93.843	95.338	1.495
10	14	91.250	92.343	1.093
10	15	91.648	95.266	3.618
15	16	90.965	93.605	2.640
15	17	95.912	89.914	-5.998
15	18	94.107	95.216	1.109
15	19	93.699	93.162	-0.537
15	20	94.584	94.512	-0.072
30	21	96.784	93.042	-3.742
30	22	93.918	93.970	0.052
30	23	93.798	93.020	-0.778
30	24	93.118	95.602	2.484
30	25	95.520	91.857	-3.663
35	26	92.119	93.699	1.580
35	27	94.522	94.535	0.013
35	28	95.643	92.998	-2.645
35	29	92.237	93.427	1.190
35	30	94.027	93.624	-0.403
50	31	92.672	91.230	-1.442
50	32	93.812	93.450	-0.362
50	33	95.641	93.480	-2.161
50	34	93.805	90.810	-2.995
50	35	93.898	88.569	-5.329
55	36	91.888	93.246	1.358
55	37	93.068	91.185	-1.883
55	38	91.112	91.601	0.489
55	39	95.489	91.835	-3.654
55	40	95.819	90.720	-5.099
100	41	93.000	89.197	-3.803
100	42	93.791	90.111	-3.680
100	43	94.137	89.765	-4.372
100	44	90.268	88.376	-1.892
100	45	95.748	88.374	-7.374
105	46	93.772	90.393	-3.379
105	47	95.169	89.976	-5.193
105	48	94.787	90.588	-4.199
105	49	95.850	90.585	-5.265
105	50	95.080	91.109	-3.971
105	51	97.748	91.439	-6.309
105	52	93.063	91.982	-1.081
105	53	95.200	89.499	-5.701
105	54	96.240	85.211	-11.029
105	55	94.682	87.122	-7.560
105	56	95.109	86.651	-8.458
105	57	95.284	92.249	-3.035
105	58	94.279	90.344	-3.935
105	59	95.066	89.290	-5.776
105	60	96.606	90.413	-6.193
105	61	94.665	92.244	-2.421
105	62	91.337	90.116	-1.221
105	63	94.037	89.385	-4.652
105	64	93.973	88.329	-5.644
105	65	95.649	90.897	-4.752
105	66	94.823	87.884	-6.939
105	67	93.375	89.699	-3.676
	Max	100.014	100.042	3.618
	Average	94.416	91.982	-2.434
	Min	90.268	85.211	-11.029
	Std Dev	1.764	2.723	2.994



	13.75_SPA_DT_100ns_1M_12	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	96.840	92.087	91.605	90.394	89.914	91.857	92.998	88.569	90.720	88.374	85.211
Average	98.739	93.524	93.464	93.613	93.282	93.498	93.657	91.508	91.717	89.165	89.791
Max	100.042	95.491	95.586	95.338	95.216	95.602	94.535	93.480	93.246	90.111	92.249
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

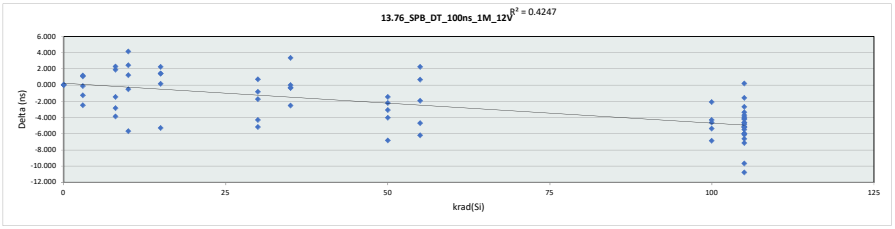


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

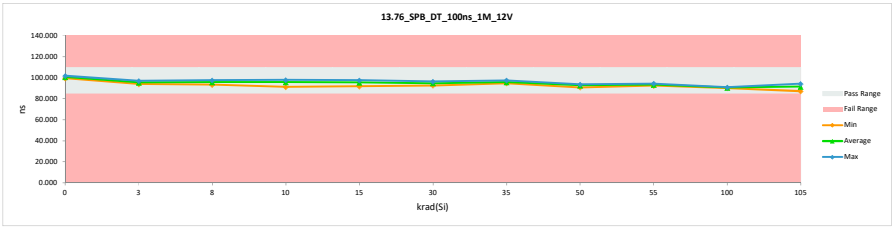
	13.76_SPB_DT_100ns_1M_12V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	101.188	101.245	0.057
0	992	101.838	101.923	0.085
0	993	99.420	99.523	0.103
3	1	95.951	97.188	1.237
3	2	96.616	94.207	-2.409
3	3	95.801	95.756	-0.045
3	4	95.816	94.600	-1.216
3	5	95.534	96.674	1.140
8	6	95.425	97.764	2.339
8	7	96.939	95.545	-1.394
8	8	95.546	97.494	1.948
8	9	96.386	93.606	-2.780
8	10	98.988	95.181	-3.807
10	11	97.052	91.428	-5.624
10	12	97.112	96.647	-0.465
10	13	95.715	98.201	2.486
10	14	93.986	95.259	1.273
10	15	93.933	98.127	4.194
15	16	93.730	95.205	1.475
15	17	97.301	92.056	-5.245
15	18	95.281	96.764	1.483
15	19	96.186	96.401	0.215
15	20	95.475	97.790	2.315
30	21	97.859	92.736	-5.123
30	22	98.078	96.419	-1.659
30	23	96.343	95.571	-0.772
30	24	95.806	96.592	0.786
30	25	97.313	93.084	-4.229
35	26	95.460	95.176	-0.284
35	27	96.310	96.356	0.046
35	28	97.377	94.900	-2.477
35	29	94.260	97.656	3.396
35	30	95.993	95.754	-0.239
50	31	94.537	93.150	-1.387
50	32	96.810	93.776	-3.034
50	33	97.778	93.795	-3.983
50	34	95.532	93.374	-2.158
50	35	97.691	90.933	-6.758
55	36	93.851	94.594	0.743
55	37	95.441	93.567	-1.874
55	38	92.091	94.403	2.312
55	39	97.396	92.750	-4.646
55	40	98.691	92.538	-6.153
100	41	96.010	90.704	-5.306
100	42	95.371	91.128	-4.243
100	43	95.702	91.131	-4.571
100	44	92.351	90.325	-2.026
100	45	97.247	90.429	-6.818
105	46	97.009	90.953	-6.056
105	47	98.365	92.946	-5.419
105	48	94.782	92.170	-2.612
105	49	98.122	92.176	-5.946
105	50	97.705	94.403	-3.302
105	51	98.931	92.371	-6.560
105	52	94.358	92.836	-1.522
105	53	96.591	91.439	-5.152
105	54	97.945	87.232	-10.713
105	55	96.410	89.335	-7.075
105	56	99.130	89.525	-9.605
105	57	97.409	93.376	-4.033
105	58	96.212	91.150	-5.062
105	59	96.781	92.227	-4.554
105	60	96.732	91.638	-5.094
105	61	96.999	93.342	-3.657
105	62	94.047	94.308	0.261
105	63	96.920	92.130	-4.790
105	64	96.748	90.865	-5.883
105	65	96.929	92.764	-4.165
105	66	95.216	90.638	-4.578
105	67	95.049	91.158	-3.891
	Max	101.838	101.923	4.194
	Average	96.442	93.977	-2.464
	Min	92.091	87.232	-10.713
	Std Dev	1.745	2.842	3.194



	13.76_SPB_DT_100ns_1M_12	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	99.523	94.207	93.606	91.428	92.056	92.736	94.900	90.933	92.538	90.325	87.232
Average	100.897	95.685	95.918	95.932	95.643	94.880	95.968	93.006	93.570	90.743	91.772
Max	101.923	97.188	97.764	98.201	97.790	96.592	97.656	93.795	94.594	91.131	94.403
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

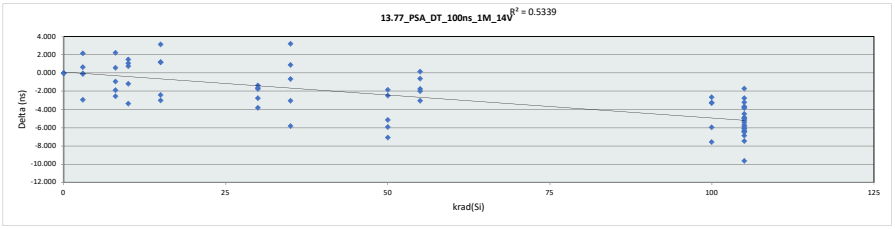


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

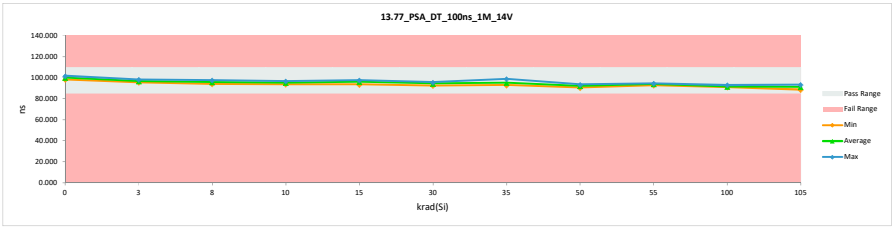
	13.77_PSA_DT_100ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	101.795	101.851	0.056
0	992	100.440	100.451	0.011
0	993	98.294	98.319	0.025
3	1	96.871	96.806	-0.065
3	2	98.596	95.687	-2.909
3	3	96.230	98.411	2.181
3	4	96.089	96.060	-0.029
3	5	96.174	96.861	0.687
8	6	97.051	97.647	0.596
8	7	97.215	95.389	-1.826
8	8	95.073	97.348	2.275
8	9	95.998	95.101	-0.897
8	10	96.641	94.126	-2.515
10	11	97.436	94.117	-3.319
10	12	94.219	95.743	1.524
10	13	95.888	96.692	0.804
10	14	94.969	93.833	-1.136
10	15	95.530	96.631	1.101
15	16	95.554	96.753	1.199
15	17	96.596	93.621	-2.975
15	18	94.644	97.804	3.160
15	19	97.766	95.409	-2.357
15	20	95.949	97.184	1.235
30	21	97.423	95.735	-1.688
30	22	96.405	94.807	-1.598
30	23	97.117	94.391	-2.726
30	24	96.317	94.995	-1.322
30	25	96.350	92.579	-3.771
35	26	94.581	95.516	0.935
35	27	95.679	95.048	-0.631
35	28	96.899	93.895	-3.004
35	29	95.791	99.025	3.234
35	30	98.775	93.013	-5.762
50	31	96.035	93.591	-2.444
50	32	97.098	92.001	-5.097
50	33	97.886	92.021	-5.865
50	34	95.395	93.588	-1.807
50	35	97.566	90.547	-7.019
55	36	95.320	94.755	-0.565
55	37	94.424	92.729	-1.695
55	38	94.574	94.768	0.194
55	39	96.169	94.229	-1.940
55	40	97.283	94.294	-2.989
100	41	94.576	91.340	-3.236
100	42	96.296	93.072	-3.224
100	43	97.313	91.411	-5.902
100	44	94.260	91.636	-2.624
100	45	98.503	90.976	-7.527
105	46	96.090	92.910	-3.180
105	47	97.783	92.621	-5.162
105	48	97.843	91.488	-6.355
105	49	96.443	91.485	-4.958
105	50	96.345	91.910	-4.435
105	51	97.197	92.221	-4.976
105	52	94.099	88.726	-5.373
105	53	97.303	91.018	-6.285
105	54	96.835	91.043	-5.792
105	55	96.067	90.010	-6.057
105	56	100.626	91.020	-9.606
105	57	94.592	91.862	-2.730
105	58	96.587	89.751	-6.836
105	59	97.058	93.415	-3.643
105	60	95.100	91.310	-3.790
105	61	96.371	92.671	-3.700
105	62	93.308	91.643	-1.665
105	63	97.473	91.824	-5.649
105	64	96.017	91.180	-4.837
105	65	97.513	91.489	-6.024
105	66	97.079	89.647	-7.432
105	67	96.920	90.483	-6.437
	Max	101.795	101.851	3.234
	Average	96.539	93.879	-2.660
	Min	93.308	88.726	-9.606
	Std Dev	1.510	2.727	2.896



	13.77_PSA_DT_100ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	98.319	95.687	94.126	93.833	93.621	92.579	93.013	90.547	92.729	90.976	88.726
Average	100.207	96.765	95.922	95.403	96.154	94.501	95.299	92.350	94.155	91.687	91.351
Max	101.851	98.411	97.647	96.692	97.804	95.735	99.025	93.591	94.768	93.072	93.415
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

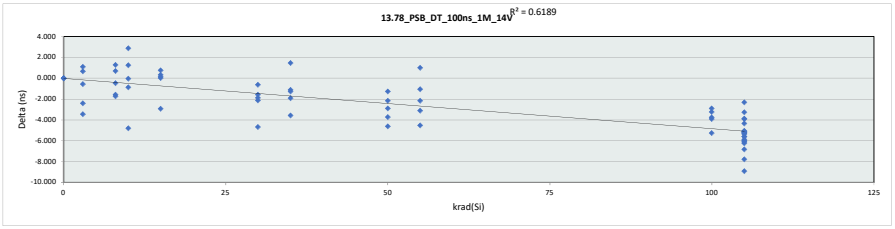


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

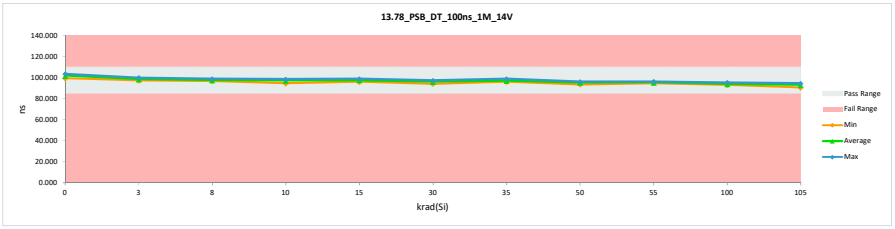
	13.78_PSB_DT_100ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	103.709	103.746	0.037
0	992	103.032	103.068	0.036
0	993	99.582	99.621	0.039
3	1	101.461	98.037	-3.424
3	2	99.918	97.559	-2.359
3	3	99.016	100.157	1.141
3	4	98.190	97.675	-0.515
3	5	99.128	99.840	0.712
8	6	97.784	99.094	1.310
8	7	97.490	97.064	-0.426
8	8	97.351	98.085	0.734
8	9	98.552	97.006	-1.546
8	10	99.691	97.993	-1.698
10	11	99.500	94.751	-4.749
10	12	97.857	97.848	-0.009
10	13	99.549	98.698	-0.851
10	14	96.616	97.909	1.293
10	15	95.741	98.643	2.902
15	16	96.791	97.150	0.359
15	17	99.095	96.207	-2.888
15	18	97.922	98.093	0.171
15	19	97.793	97.845	0.052
15	20	98.174	98.955	0.781
30	21	97.712	97.113	-0.599
30	22	98.882	97.027	-1.855
30	23	99.596	97.490	-2.106
30	24	97.249	95.700	-1.549
30	25	99.012	94.365	-4.647
35	26	97.963	96.737	-1.226
35	27	97.872	96.778	-1.094
35	28	98.133	96.267	-1.866
35	29	97.611	99.115	1.504
35	30	100.413	96.865	-3.548
50	31	97.639	95.525	-2.114
50	32	100.048	96.352	-3.696
50	33	99.224	96.368	-2.856
50	34	97.033	95.802	-1.231
50	35	98.257	93.667	-4.590
55	36	97.201	96.168	-1.033
55	37	98.232	95.149	-3.083
55	38	95.460	96.495	1.035
55	39	98.208	96.086	-2.122
55	40	99.385	94.899	-4.486
100	41	98.707	95.504	-3.203
100	42	97.702	94.832	-2.870
100	43	97.727	94.008	-3.719
100	44	97.064	93.202	-3.862
100	45	98.714	93.475	-5.239
105	46	98.459	93.357	-5.102
105	47	99.596	92.806	-6.790
105	48	98.827	93.579	-5.248
105	49	98.887	93.584	-5.303
105	50	99.742	94.560	-5.182
105	51	97.700	94.457	-3.243
105	52	96.184	92.314	-3.870
105	53	98.674	94.823	-3.851
105	54	98.770	92.918	-5.852
105	55	98.414	90.684	-7.730
105	56	100.773	91.885	-8.888
105	57	98.649	94.335	-4.314
105	58	98.477	92.930	-5.547
105	59	98.620	93.599	-5.021
105	60	99.819	93.727	-6.092
105	61	98.697	92.705	-5.992
105	62	96.533	94.269	-2.264
105	63	99.215	94.157	-5.058
105	64	98.173	92.215	-5.958
105	65	99.319	93.771	-5.548
105	66	99.209	93.006	-6.203
105	67	97.785	92.621	-5.164
	Max	103.709	103.746	2.902
	Average	98.564	95.890	-2.674
	Min	95.460	90.684	-8.888
	Std Dev	1.397	2.566	2.582



	13.78_PSB_DT_100ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	99.621	97.559	97.006	94.751	96.207	94.365	96.267	93.667	94.899	93.202	90.684
Average	102.145	98.654	97.848	97.570	97.650	96.339	97.152	95.543	95.759	94.204	93.286
Max	103.746	100.157	99.094	98.698	98.955	97.490	99.115	96.368	96.495	95.504	94.823
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

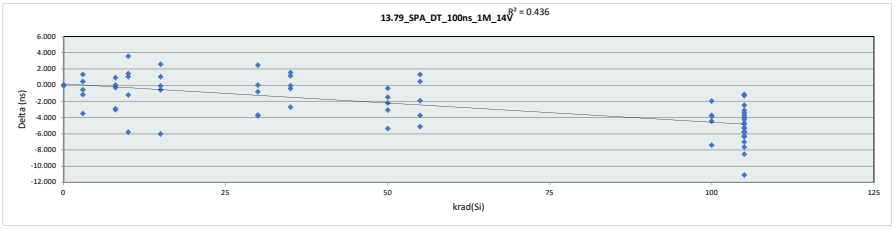


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

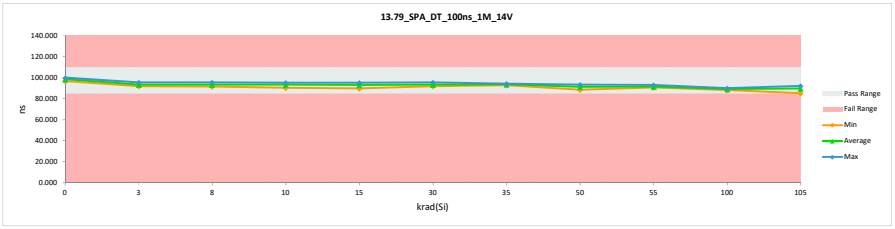
	13.79_SPA_DT_100ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	99.318	99.331	0.013
0	992	100.007	100.031	0.024
0	993	96.797	96.834	0.037
3	1	94.145	95.487	1.342
3	2	95.528	92.074	-3.454
3	3	94.308	93.757	-0.551
3	4	93.818	92.702	-1.116
3	5	93.098	93.600	0.502
8	6	94.598	95.581	0.983
8	7	93.936	93.670	-0.266
8	8	93.631	93.670	0.039
8	9	94.571	91.606	-2.965
8	10	95.620	92.766	-2.854
10	11	96.125	90.385	-5.740
10	12	95.923	94.741	-1.182
10	13	93.843	95.328	1.485
10	14	91.228	92.301	1.073
10	15	91.632	95.258	3.626
15	16	90.950	93.590	2.640
15	17	95.882	89.903	-5.979
15	18	94.114	95.195	1.081
15	19	93.688	93.146	-0.542
15	20	94.581	94.507	-0.074
30	21	96.775	93.058	-3.717
30	22	93.912	93.968	0.056
30	23	93.799	93.015	-0.784
30	24	93.102	95.592	2.490
30	25	95.497	91.862	-3.635
35	26	92.097	93.695	1.598
35	27	94.522	94.518	-0.004
35	28	95.645	92.987	-2.658
35	29	92.227	93.425	1.198
35	30	94.003	93.608	-0.395
50	31	92.675	91.226	-1.449
50	32	93.796	93.443	-0.353
50	33	95.622	93.465	-2.157
50	34	93.796	90.793	-3.003
50	35	93.865	88.550	-5.315
55	36	91.890	93.236	1.346
55	37	93.060	91.173	-1.887
55	38	91.094	91.587	0.493
55	39	95.481	91.807	-3.674
55	40	95.810	90.722	-5.088
100	41	93.002	89.188	-3.814
100	42	93.794	90.113	-3.681
100	43	94.139	89.749	-4.390
100	44	90.275	88.370	-1.905
100	45	95.726	88.379	-7.347
105	46	93.761	90.391	-3.370
105	47	95.151	89.965	-5.186
105	48	94.776	90.577	-4.199
105	49	95.838	90.590	-5.248
105	50	95.076	91.123	-3.953
105	51	97.760	91.444	-6.316
105	52	93.048	91.970	-1.078
105	53	95.208	89.500	-5.708
105	54	96.248	85.215	-11.033
105	55	94.677	87.098	-7.579
105	56	95.102	86.633	-8.469
105	57	95.265	92.206	-3.059
105	58	94.261	90.325	-3.936
105	59	95.059	89.297	-5.762
105	60	96.612	90.390	-6.222
105	61	94.644	92.235	-2.409
105	62	91.327	90.079	-1.248
105	63	94.045	89.394	-4.651
105	64	93.985	88.305	-5.680
105	65	95.652	90.904	-4.748
105	66	94.849	87.869	-6.980
105	67	93.374	89.713	-3.661
	Max	100.007	100.031	3.626
	Average	94.409	91.975	-2.435
	Min	90.275	85.215	-11.033
	Std Dev	1.765	2.724	2.995



	13.79_SPA_DT_100ns_1M_14	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	96.834	92.074	91.606	90.385	89.903	91.862	92.987	88.550	90.722	88.370	85.215
Average	98.732	93.524	93.459	93.603	93.268	93.499	93.647	91.495	91.705	89.160	89.783
Max	100.031	95.487	95.581	95.328	95.195	95.592	94.518	93.465	93.236	90.113	92.235
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

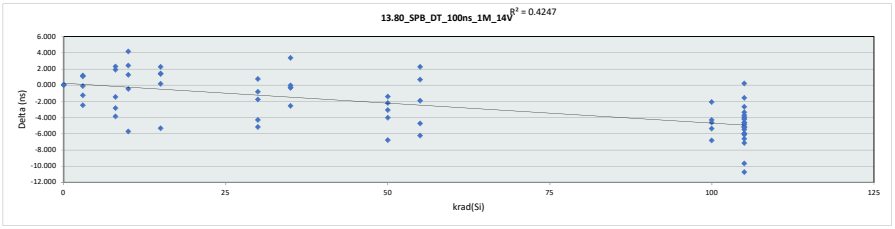


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

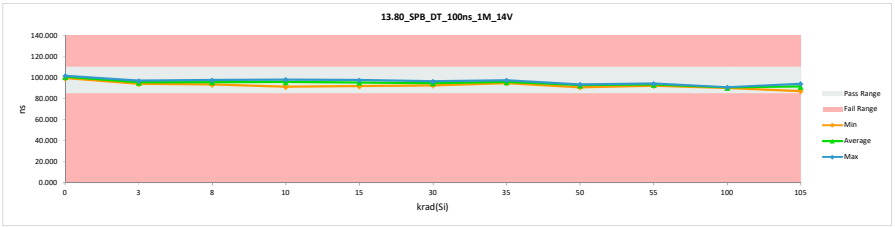
	13.80_SPB_DT_100ns_1M_14V	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	110	110
Min Limit	89	85

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	101.163	101.235	0.072
0	992	101.828	101.912	0.084
0	993	99.405	99.511	0.106
3	1	95.951	97.202	1.251
3	2	96.611	94.181	-2.430
3	3	95.785	95.736	-0.049
3	4	95.826	94.615	-1.211
3	5	95.536	96.675	1.139
8	6	95.432	97.789	2.357
8	7	96.926	95.536	-1.390
8	8	95.547	97.496	1.949
8	9	96.388	93.613	-2.775
8	10	98.985	95.189	-3.796
10	11	97.096	91.424	-5.672
10	12	97.103	96.699	-0.404
10	13	95.724	98.204	2.480
10	14	93.957	95.271	1.314
10	15	93.927	98.132	4.205
15	16	93.734	95.211	1.477
15	17	97.311	92.041	-5.270
15	18	95.292	96.749	1.457
15	19	96.184	96.400	0.216
15	20	95.463	97.785	2.322
30	21	97.856	92.756	-5.100
30	22	98.130	96.421	-1.709
30	23	96.333	95.570	-0.763
30	24	95.794	96.598	0.804
30	25	97.327	93.073	-4.254
35	26	95.429	95.165	-0.264
35	27	96.319	96.350	0.031
35	28	97.387	94.887	-2.500
35	29	94.259	97.671	3.412
35	30	95.997	95.752	-0.245
50	31	94.531	93.150	-1.381
50	32	96.807	93.770	-3.037
50	33	97.766	93.791	-3.975
50	34	95.526	93.387	-2.139
50	35	97.652	90.942	-6.710
55	36	93.827	94.542	0.715
55	37	95.442	93.563	-1.879
55	38	92.080	94.394	2.314
55	39	97.390	92.719	-4.671
55	40	98.688	92.531	-6.157
100	41	96.012	90.705	-5.307
100	42	95.360	91.119	-4.241
100	43	95.696	91.142	-4.554
100	44	92.344	90.317	-2.027
100	45	97.208	90.423	-6.785
105	46	97.005	90.947	-6.058
105	47	98.345	92.933	-5.412
105	48	94.786	92.157	-2.629
105	49	98.120	92.176	-5.944
105	50	97.705	94.403	-3.302
105	51	98.920	92.370	-6.550
105	52	94.357	92.855	-1.502
105	53	96.607	91.431	-5.176
105	54	97.950	87.270	-10.680
105	55	96.429	89.328	-7.101
105	56	99.125	89.522	-9.603
105	57	97.415	93.393	-4.022
105	58	96.200	91.124	-5.076
105	59	96.779	92.207	-4.572
105	60	96.730	91.627	-5.103
105	61	97.002	93.342	-3.660
105	62	94.047	94.302	0.255
105	63	96.917	92.117	-4.800
105	64	96.749	90.860	-5.889
105	65	96.918	92.771	-4.147
105	66	95.229	90.619	-4.610
105	67	95.041	91.167	-3.874
	Max	101.828	101.912	4.205
	Average	96.439	93.975	-2.463
	Min	92.080	87.270	-10.680
	Std Dev	1.745	2.843	3.195



	13.80_SPB_DT_100ns_1M_14V	
Test Site		
Tester		
Test Number		
Max Limit	110	ns
Min Limit	85	ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000
Min	99.511	94.181	93.613	91.424	92.041	92.756	94.887	90.942	92.531	90.317	87.270
Average	100.886	95.682	95.925	95.946	95.637	94.884	95.965	93.008	93.550	90.741	91.769
Max	101.912	97.202	97.789	98.204	97.785	96.598	97.671	93.791	94.542	91.142	94.403
UL	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000	110.000

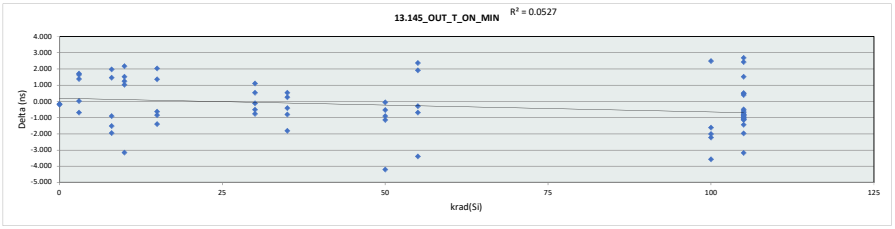


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

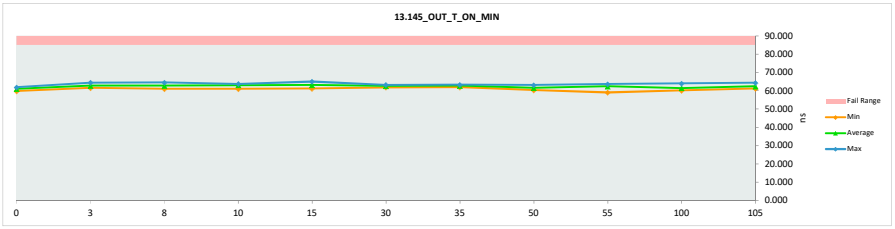
	13.145_OUT_T_ON_MIN	
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	85	85
Min Limit	20	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	61.575	61.405	-0.170
0	992	62.134	61.975	-0.159
0	993	59.940	59.809	-0.131
3	1	60.869	62.536	1.667
3	2	63.125	64.519	1.394
3	3	62.828	62.869	0.041
3	4	60.753	62.499	1.746
3	5	62.303	61.637	-0.666
8	6	62.561	64.562	2.001
8	7	63.494	62.601	-0.893
8	8	62.056	63.535	1.479
8	9	62.562	61.073	-1.489
8	10	64.336	62.408	-1.928
10	11	64.254	61.128	-3.126
10	12	62.068	63.113	1.045
10	13	62.209	63.742	1.533
10	14	61.599	63.793	2.194
10	15	62.545	63.806	1.261
15	16	62.682	61.301	-1.381
15	17	63.343	62.509	-0.834
15	18	61.869	63.254	1.385
15	19	62.968	65.021	2.053
15	20	64.188	63.585	-0.603
30	21	62.365	61.871	-0.494
30	22	62.483	62.380	-0.103
30	23	62.486	63.041	0.555
30	24	63.787	63.050	-0.737
30	25	62.169	63.292	1.123
35	26	62.376	62.930	0.554
35	27	63.582	63.195	-0.387
35	28	62.810	62.028	-0.782
35	29	64.781	62.988	-1.793
35	30	63.030	63.314	0.284
50	31	62.603	61.491	-1.112
50	32	61.268	60.389	-0.879
50	33	64.617	60.443	-4.174
50	34	62.579	62.538	-0.041
50	35	63.765	63.258	-0.507
55	36	61.238	63.178	1.940
55	37	62.467	59.097	-3.370
55	38	61.312	63.698	2.386
55	39	63.574	63.304	-0.270
55	40	64.040	63.374	-0.666
100	41	63.852	60.307	-3.545
100	42	63.334	61.744	-1.590
100	43	61.542	64.042	2.500
100	44	62.269	60.280	-1.989
100	45	63.432	61.229	-2.203
105	46	65.156	61.995	-3.161
105	47	63.738	62.785	-0.953
105	48	61.915	61.337	-0.578
105	49	62.308	61.348	-0.960
105	50	63.946	64.361	0.415
105	51	63.087	63.618	0.531
105	52	63.463	62.378	-1.085
105	53	63.175	61.218	-1.957
105	54	63.192	62.333	-0.859
105	55	62.206	63.743	1.537
105	56	63.135	62.263	-0.872
105	57	63.406	62.737	-0.669
105	58	62.043	61.255	-0.788
105	59	63.127	62.660	-0.467
105	60	60.856	63.568	2.712
105	61	61.853	62.342	0.489
105	62	63.983	62.963	-1.020
105	63	63.384	62.255	-1.129
105	64	59.481	61.934	2.453
105	65	62.912	62.155	-0.757
105	66	63.414	62.003	-1.411
105	67	63.843	62.762	-1.081
	Max	65.156	65.021	2.712
	Average	62.738	62.474	-0.264
	Min	59.481	59.097	-4.174
	Std Dev	1.097	1.176	1.548



	13.145_OUT_T_ON_MIN	
Test Site		
Tester		
Test Number		
Max Limit	85	ns
Min Limit		ns

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	59.809	61.637	61.073	61.128	61.301	61.871	62.028	60.389	59.097	60.280	61.218
Average	61.063	62.812	62.836	63.116	63.134	62.727	62.891	61.624	62.530	61.520	62.455
Max	61.975	64.519	64.562	63.806	65.021	63.292	63.314	63.258	63.698	64.042	64.361
UL	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000

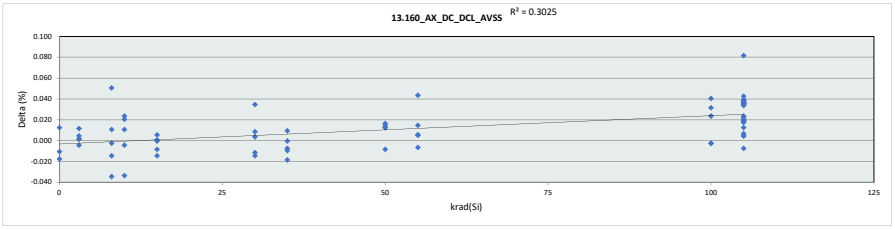


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

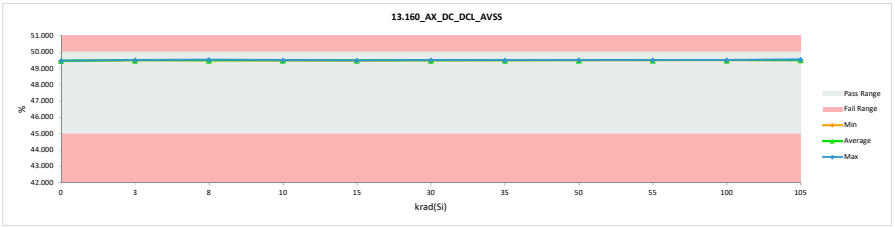
	13.160_AX_DC_DCL_AVSS	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	50	50
Min Limit	45	45

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	49.483	49.466	-0.017
0	992	49.469	49.482	0.013
0	993	49.483	49.473	-0.010
3	1	49.489	49.485	-0.004
3	2	49.492	49.497	0.005
3	3	49.497	49.509	0.012
3	4	49.491	49.493	0.002
3	5	49.489	49.491	0.002
8	6	49.486	49.484	-0.002
8	7	49.477	49.528	0.051
8	8	49.523	49.489	-0.034
8	9	49.500	49.486	-0.014
8	10	49.476	49.487	0.011
10	11	49.482	49.506	0.024
10	12	49.494	49.505	0.011
10	13	49.480	49.501	0.021
10	14	49.501	49.497	-0.004
10	15	49.513	49.480	-0.033
15	16	49.508	49.494	-0.014
15	17	49.503	49.503	0.000
15	18	49.494	49.486	-0.008
15	19	49.488	49.494	0.006
15	20	49.485	49.486	0.001
30	21	49.482	49.491	0.009
30	22	49.522	49.511	-0.011
30	23	49.496	49.482	-0.014
30	24	49.489	49.493	0.004
30	25	49.476	49.511	0.035
35	26	49.497	49.490	-0.007
35	27	49.478	49.478	0.000
35	28	49.493	49.484	-0.009
35	29	49.496	49.506	0.010
35	30	49.507	49.489	-0.018
50	31	49.487	49.504	0.017
50	32	49.499	49.491	-0.008
50	33	49.481	49.494	0.013
50	34	49.501	49.514	0.013
50	35	49.501	49.516	0.015
55	36	49.494	49.500	0.006
55	37	49.506	49.512	0.006
55	38	49.495	49.510	0.015
55	39	49.501	49.495	-0.006
55	40	49.477	49.521	0.044
100	41	49.480	49.521	0.041
100	42	49.485	49.517	0.032
100	43	49.503	49.501	-0.002
100	44	49.488	49.512	0.024
100	45	49.491	49.489	-0.002
105	46	49.491	49.514	0.023
105	47	49.489	49.523	0.034
105	48	49.496	49.520	0.024
105	49	49.483	49.502	0.019
105	50	49.486	49.504	0.018
105	51	49.475	49.511	0.036
105	52	49.491	49.496	0.005
105	53	49.492	49.512	0.020
105	54	49.466	49.548	0.082
105	55	49.484	49.524	0.040
105	56	49.482	49.518	0.036
105	57	49.477	49.498	0.021
105	58	49.476	49.514	0.038
105	59	49.485	49.492	0.007
105	60	49.474	49.509	0.035
105	61	49.468	49.511	0.043
105	62	49.508	49.513	0.005
105	63	49.492	49.529	0.037
105	64	49.487	49.500	0.013
105	65	49.496	49.489	-0.007
105	66	49.490	49.527	0.037
105	67	49.476	49.515	0.039
	Max	49.523	49.548	0.082
	Average	49.490	49.502	0.012
	Min	49.466	49.466	-0.034
	Std Dev	0.012	0.015	0.021



	13.160_AX_DC_DCL_AVSS	
Test Site		
Tester		
Test Number		
Max Limit	50	%
Min Limit	45	%

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000
Min	49.466	49.485	49.484	49.480	49.486	49.482	49.478	49.491	49.495	49.489	49.489
Average	49.474	49.495	49.495	49.498	49.493	49.498	49.489	49.504	49.508	49.508	49.512
Max	49.482	49.509	49.528	49.506	49.503	49.511	49.506	49.516	49.521	49.521	49.548
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

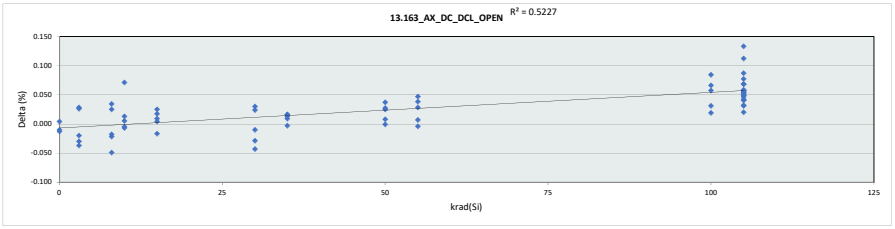


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

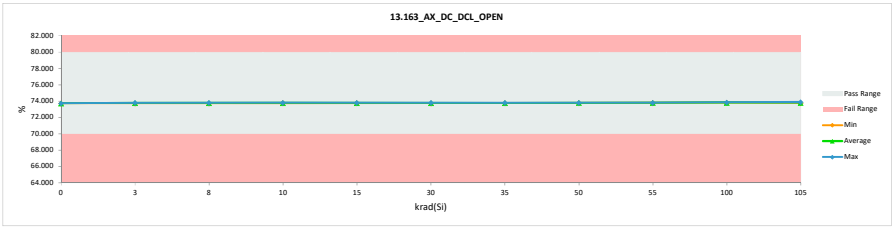
	13.163_AX_DC_DCL_OPEN	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	80	80
Min Limit	70	70

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	73.755	73.746	-0.009
0	992	73.772	73.760	-0.012
0	993	73.753	73.758	0.005
3	1	73.801	73.782	-0.019
3	2	73.777	73.806	0.029
3	3	73.790	73.761	-0.029
3	4	73.797	73.761	-0.036
3	5	73.763	73.790	0.027
8	6	73.779	73.762	-0.017
8	7	73.795	73.830	0.035
8	8	73.829	73.781	-0.048
8	9	73.801	73.780	-0.021
8	10	73.760	73.786	0.026
10	11	73.760	73.832	0.072
10	12	73.769	73.775	0.006
10	13	73.772	73.786	0.014
10	14	73.802	73.796	-0.006
10	15	73.782	73.778	-0.004
15	16	73.783	73.801	0.018
15	17	73.787	73.813	0.026
15	18	73.781	73.786	0.005
15	19	73.784	73.768	-0.016
15	20	73.781	73.791	0.010
30	21	73.806	73.797	-0.009
30	22	73.790	73.815	0.025
30	23	73.802	73.760	-0.042
30	24	73.790	73.762	-0.028
30	25	73.785	73.816	0.031
35	26	73.791	73.789	-0.002
35	27	73.785	73.795	0.010
35	28	73.786	73.803	0.017
35	29	73.798	73.815	0.017
35	30	73.772	73.786	0.014
50	31	73.788	73.814	0.026
50	32	73.786	73.795	0.009
50	33	73.763	73.801	0.038
50	34	73.841	73.841	0.000
50	35	73.789	73.817	0.028
55	36	73.790	73.798	0.008
55	37	73.760	73.789	0.029
55	38	73.813	73.810	-0.003
55	39	73.771	73.819	0.048
55	40	73.771	73.810	0.039
100	41	73.781	73.848	0.067
100	42	73.789	73.874	0.085
100	43	73.800	73.820	0.020
100	44	73.794	73.852	0.058
100	45	73.782	73.814	0.032
105	46	73.763	73.820	0.057
105	47	73.772	73.850	0.078
105	48	73.783	73.835	0.052
105	49	73.780	73.849	0.069
105	50	73.744	73.803	0.059
105	51	73.748	73.817	0.069
105	52	73.791	73.812	0.021
105	53	73.770	73.828	0.058
105	54	73.771	73.884	0.113
105	55	73.777	73.832	0.055
105	56	73.778	73.828	0.050
105	57	73.770	73.820	0.050
105	58	73.779	73.826	0.047
105	59	73.767	73.821	0.054
105	60	73.772	73.805	0.033
105	61	73.716	73.850	0.134
105	62	73.801	73.844	0.043
105	63	73.780	73.838	0.058
105	64	73.758	73.846	0.088
105	65	73.772	73.813	0.041
105	66	73.778	73.820	0.042
105	67	73.798	73.830	0.032
	Max	73.841	73.884	0.134
	Average	73.781	73.808	0.027
	Min	73.716	73.746	-0.048
	Std Dev	0.019	0.029	0.035



	13.163_AX_DC_DCL_OPEN	
Test Site		
Tester		
Test Number		
Max Limit	80	%
Min Limit	70	%

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL	70.000	70.000	70.000	70.000	70.000	70.000	70.000	70.000	70.000	70.000	70.000
Min	73.746	73.761	73.762	73.775	73.768	73.760	73.786	73.795	73.789	73.814	73.803
Average	73.755	73.780	73.788	73.793	73.792	73.790	73.798	73.814	73.805	73.842	73.831
Max	73.760	73.806	73.830	73.832	73.813	73.816	73.815	73.841	73.819	73.874	73.884
UL	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000

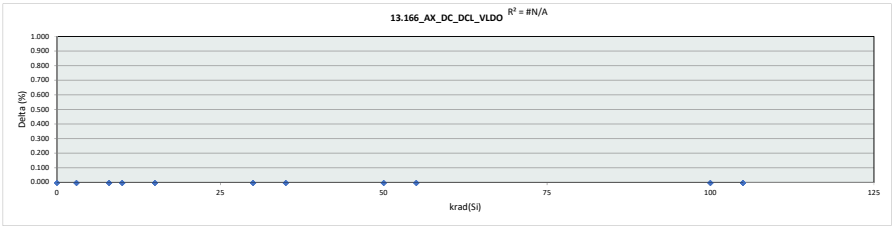


HDR TID Report
TPS7H5001-SP QMLP

krad(Si)	Description
0	Control Units
3	3 krad Unbiased
8	3 krad Biased
10	10 krad Unbiased
15	10 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased
100	100 krad Unbiased
105	100 krad Biased

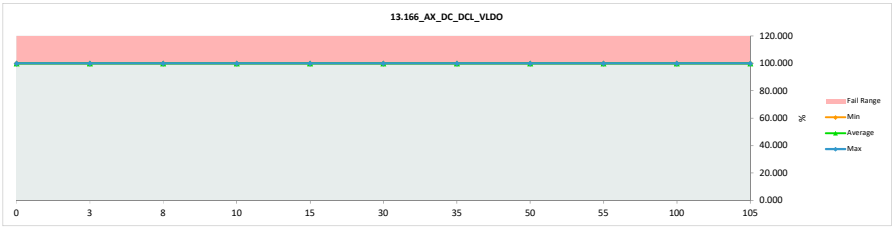
	13.166_AX_DC_DCL_VLDO	
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	101	100
Min Limit	95	

krad(Si)	Serial #	Pre_HDR	Post_HDR	Delta
0	991	100.000	100.000	0.000
0	992	100.000	100.000	0.000
0	993	100.000	100.000	0.000
3	1	100.000	100.000	0.000
3	2	100.000	100.000	0.000
3	3	100.000	100.000	0.000
3	4	100.000	100.000	0.000
3	5	100.000	100.000	0.000
8	6	100.000	100.000	0.000
8	7	100.000	100.000	0.000
8	8	100.000	100.000	0.000
8	9	100.000	100.000	0.000
8	10	100.000	100.000	0.000
10	11	100.000	100.000	0.000
10	12	100.000	100.000	0.000
10	13	100.000	100.000	0.000
10	14	100.000	100.000	0.000
10	15	100.000	100.000	0.000
15	16	100.000	100.000	0.000
15	17	100.000	100.000	0.000
15	18	100.000	100.000	0.000
15	19	100.000	100.000	0.000
15	20	100.000	100.000	0.000
30	21	100.000	100.000	0.000
30	22	100.000	100.000	0.000
30	23	100.000	100.000	0.000
30	24	100.000	100.000	0.000
30	25	100.000	100.000	0.000
35	26	100.000	100.000	0.000
35	27	100.000	100.000	0.000
35	28	100.000	100.000	0.000
35	29	100.000	100.000	0.000
35	30	100.000	100.000	0.000
50	31	100.000	100.000	0.000
50	32	100.000	100.000	0.000
50	33	100.000	100.000	0.000
50	34	100.000	100.000	0.000
50	35	100.000	100.000	0.000
55	36	100.000	100.000	0.000
55	37	100.000	100.000	0.000
55	38	100.000	100.000	0.000
55	39	100.000	100.000	0.000
55	40	100.000	100.000	0.000
100	41	100.000	100.000	0.000
100	42	100.000	100.000	0.000
100	43	100.000	100.000	0.000
100	44	100.000	100.000	0.000
100	45	100.000	100.000	0.000
105	46	100.000	100.000	0.000
105	47	100.000	100.000	0.000
105	48	100.000	100.000	0.000
105	49	100.000	100.000	0.000
105	50	100.000	100.000	0.000
105	51	100.000	100.000	0.000
105	52	100.000	100.000	0.000
105	53	100.000	100.000	0.000
105	54	100.000	100.000	0.000
105	55	100.000	100.000	0.000
105	56	100.000	100.000	0.000
105	57	100.000	100.000	0.000
105	58	100.000	100.000	0.000
105	59	100.000	100.000	0.000
105	60	100.000	100.000	0.000
105	61	100.000	100.000	0.000
105	62	100.000	100.000	0.000
105	63	100.000	100.000	0.000
105	64	100.000	100.000	0.000
105	65	100.000	100.000	0.000
105	66	100.000	100.000	0.000
105	67	100.000	100.000	0.000
	Max	100.000	100.000	0.000
	Average	100.000	100.000	0.000
	Min	100.000	100.000	0.000
	Std Dev	0.000	0.000	0.000



	13.166_AX_DC_DCL_VLDO	
Test Site		
Tester		
Test Number		
Max Limit	100	%
Min Limit		%

krad(Si)	0	3	8	10	15	30	35	50	55	100	105
LL											
Min	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Average	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Max	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
UL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000



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