

SN54SC2T74-SEP Total Ionizing Dose (TID) Report



ABSTRACT

This report covers the radiation characterization results of the SN54SC2T74-SEP radiation tolerant, dual D-type flip-flop with integrated translation. The study was done to determine Total Ionizing Dose (TID) effects under high dose rate (HDR) up to 50 krad(Si) as a one time characterization. The results show that all samples passed within the specified limits up to 50 krad(Si). Radiation Lot Acceptance Testing (RLAT) will be performed using 5 units at a dose level of 30 krad(Si) for future wafer lots per MIL-STD-883 TM 1019.

The SN54SC2T74-SEP is packaged in a space enhanced plastic package for low outgassing characteristics and is Single Event Latch-Up (SEL) immune up to 43 MeV-cm²/mg, which makes the device an option for low Earth orbit space applications. Single Event Transient (SET) data is also provided in the Single Event Effects Radiation Report.

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1 Device Information

The SN54SC2T74-SEP contains two independent D-type positive-edge-triggered flip-flops. The input is designed with a lower threshold circuit to support up translation for lower voltage CMOS inputs (for example, 1.2-V input to 1.8-V output or 1.8-V input to 3.3-V output.) Additionally, the 5-V tolerant input pins enable down translation (for example, 3.3-V to 2.5-V output). The SN54SC2T74-SEP is a pure CMOS device and therefore was tested at a High Dose Rate (HDR) for TID testing.

1.1 Device Details

[Table 1-1](#) lists the device information used for TID HDR characterization and qualification.

Table 1-1. Device and Exposure Details

TID HDR Details: up to 50 krad(Si)	
TI Device Number	SN54SC2T74-SEP
Package	14-pin PW (TSSOP)
Technology	LBC9
Die Lot Number	2207753RFB
A/T Lot Number and Date Code	3301824ML3 / 33AF40K
Quantity Tested	31 irradiated devices + 3 control
Lot Accept or Reject	Devices passed 30 krad(Si)
HDR Radiation Facility	Texas Instruments CLAB in Dallas, Texas
HDR Dose Level	10 krad(Si), 20 krad(Si), 30 krad(Si), 50 krad(Si)
HDR Dose Rate	197.21 -rad(Si)/s ionizing radiation
HDR Radiation Source	Gammacell 220 Excel (GC-220E) Co-60
Irradiation Temperature	Ambient, room temperature

2 Total Dose Test Setup

2.1 Test Overview

The SN54SC2T74-SEP samples were irradiated at a high dose rate of 197.21 rad(Si)/s up to 50 krad(Si) and then put through full electrical parametric testing on the production Automated Test Equipment (ATE). The samples were functional and passed all electrical parametric tests with readings within data sheet electrical specification limits.

2.2 Test Description and Facilities

The SN54SC2T74-SEP HDR exposure was performed on biased devices in a Co-60 gamma cell at TI facility in Dallas, Texas. The un-attenuated dose rate of this cell is 197.21 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 data sheet 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 were tested in biased conditions as described in the following sections.

2.3.1 Bias Diagram

Figure 2-1 shows the bias conditions for each pin during irradiation.

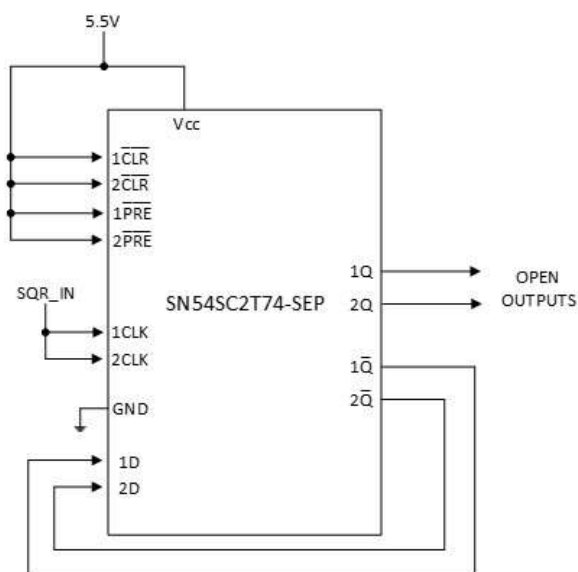


Figure 2-1. SN54SC2T74-SEP Bias Diagram

2.4 Test Configuration and Condition

A step stress (10k, 20k, 30k and 50k) test method was used to determine the TID hardness level. That is, after a predetermined TID level was reached, an electrical test was performed on a given sample of parts to verify that the units are within specified data sheet electrical test limits. The eight RLAT units were irradiated to 30 krad(Si), parametrically tested on ATE, and then were annealed at 25°C for 50 hours. The units were then put through parametric testing once more on the ATE.

Table 2-1 lists the serialized samples used for TID characterization.

Table 2-1. HDR Device Information

Control Group	HDR = 197.21 rad(Si)/s				
Total Samples: 3	Total Samples: 31				
Exposure Levels					
0 krad (Si)	10 krad (Si)	20 krad(Si)	30 krad(Si)		50 krad (Si)
Biased	Biased	Biased	Biased	Biased + 50 hour anneal	Biased
1 - 3	4 - 8	9 - 13	14 - 21	22 - 29	30 - 34

3 TID Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the SN54SC2T74-SEP passes up to 50 krad(Si) HDR TID irradiation. The drifts of the electrical parameters through HDR were within the data sheet limits.

Overall, the SN54SC2T74-SEP showed a strong degree of hardness to HDR TID irradiation up to 50 krad(Si). The measurements taken post-irradiation for each sample set showed a marginal shift for most parameters at each dose level. 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.

For the data sheet electrical parameters and associated tests, see [SN54SC2T74-SEP Radiation-Tolerant, Dual D-Type Flip-Flop With Integrated Translation](#).

See [Section 5](#) for HDR report up to 50 krad(Si).

3.2 Specification Compliance Matrix

Table 3-1. Electrical Parameters Table

Parameter	Test Conditions	V _{CC}	T _A = -55°C to +125°C			Unit	Test Name
			MIN	TYP	MAX		
V _{T+} 1	Positive-going input threshold voltage	1.2 V to 1.3 V	0.31	0.655	1.1	V	VTP_1P2V
		1.65 V to 2 V	0.39	0.915	1.32		VTP_1P65V, VTP_2V
		2.25 V to 2.75 V	0.51	1.09	1.51		VTP_2P25V, VTP_2P75V
		3 V to 3.6 V	0.65	1.2	1.7		VTP_3V, VTP_3P6V
		4.5 V to 5.5 V	0.87	1.51	2.16		VTP_4P5V, VTP_5P5V
V _{T-} 1	Negative-going input threshold voltage	1.2 V to 1.3 V	0.11	0.349	0.622	V	VTN_1P2V
		1.65 V to 2 V	0.18	0.455	0.666		VTN_1P65V, VTN_2V
		2.25 V to 2.75 V	0.25	0.545	0.74		VTN_2P25V, VTN_2P75V
		3 V to 3.6 V	0.33	0.635	0.85		VTN_3V, VTN_3P6V
		4.5 V to 5.5 V	0.45	0.755	1.14		VTN_4P5V, VTN_5P5V
ΔV _T 1	Hysteresis (VT+ – VT-)	1.2 V to 1.3 V	0.081	0.29	0.77	V	DELTAVT_1P2V
		1.65 V to 2 V	0.21	0.43	0.88		DELTAVT_1P65V, DELTAVT_2V
		2.25 V to 2.75 V	0.25	0.54	0.91		DELTAVT_2P25V, DELTAVT_2P75V
		3 V to 3.6 V	0.31	0.63	0.91		DELTAVT_3V, DELTAVT_3P6V
		4.5 V to 5.5 V	0.43	0.75	1.1		DELTAVT_4P5V, DELTAVT_5P5V
V _{IH}	High-level input voltage	1.2 V to 1.3 V	0.78			V	VIH_1P2V, VIH_1P3V
		1.65 V to 2 V	1.1				VIH_1P65V, VIH_2V
		2.25 V to 2.75 V	1.28				VIH_2P25V, VIH_2P75V
		3 V to 3.6 V	1.45				VIH_3V, VIH_3P6V
		4.5 V to 5.5 V	2				VIH_4P5V, VIH_5P5V
V _{IL}	Low-Level input voltage	1.2 V to 1.3 V			0.18	V	VIL_1P2V, VIL_1P3V
		1.65 V to 2 V			0.51		VIL_1P65V, VIL_2V
		2.25 V to 2.75 V			0.65		VIL_2P25V, VIL_2P75V
		3 V to 3.6 V			0.75		VIL_3V, VIL_3P6V
		4.5 V to 5.5 V			0.80		VIL_4P5V, VIL_5P5V
V _{OH} 2	I _{OH} = -50 μA	1.2 V to 5.5 V	V _{CC} -0.2			V	VOH_N50UA_1P65V, VOH_N50UA_2V, VOH_N50UA_2P75V,VOH_N5 0UA_3P6V, VOH_N50UA_4P5V, VOH_N50UA_5P5V
	I _{OH} = -1 mA	1.2 V	0.8				VOH_N1MA_1P2V
	I _{OH} = -2 mA	1.65 V to 2 V	1.21				VOH_N2MA_1P65V, VOH_N2MA_2V
	I _{OH} = -3 mA	2.25 V to 2.75 V	1.93				VOH_N3MA_2P25V, VOH_N3MA_2P75V
	I _{OH} = -5.5 mA	3 V to 3.6 V	2.49				VOH_N5P5MA_3V, VOH_N5P5MA_3P6V
	I _{OH} = -8 mA	4.5 V to 5.5 V	3.95				VOH_N8MA_4P5V, VOH_N8MA_5P5V
	I _{OH} = -24 mA	4.5 V to 5.5 V	3.15				VOH_N24MA_4P5V, VOH_N24MA_5P5V
V _{OL}	I _{OL} = 50 μA	1.2 V to 5.5 V			0.1	V	VOL_50UA_1P65V, VOL_50UA_2V, VOL_50UA_2P75V,VOL_50UA _3P6V, VOL_50UA_4P5V, VOL_50UA_5P5V
	I _{OL} = 1 mA	1.2 V			0.2		VOL_1MA_1P2V
	I _{OL} = 2 mA	1.65 V to 2 V			0.25		VOL_2MA_1P65V, VOL_2MA_2V
	I _{OL} = 3 mA	2.25 V to 2.75 V			0.2		VOL_3MA_2P25V, VOL_3MA_2P75V
	I _{OL} = 5.5 mA	3 V to 3.6 V			0.25		VOL_5P5MA_3V, VOL_5P5MA_3P6V
	I _{OL} = 8 mA	4.5 V to 5.5 V			0.35		VOL_8MA_4P5V, VOL_8MA_5P5V
	I _{OL} = 24 mA	4.5 V to 5.5 V			0.75		VOL_24MA_4P5V, VOL_24MA_5P5V
I _{CC}	V _I = V _{CC} or GND, I _O = 0	1.2 V to 5.5 V		2	93	μA	ICCH_5P5V, ICCL_5P5V

Table 3-1. Electrical Parameters Table (continued)

Parameter	Test Conditions	V _{CC}	T _A = -55°C to +125°C			Unit	Test Name
			MIN	TYP	MAX		
Δ _{ICC}	One input at 0.3 V or 3.4 V, other inputs at V _{CC} or GND	5.5 V			1.5	mA	DELTAICC_5P5V
	One input at 0.3 V or 1.1 V, other inputs at V _{CC} or GND	1.8 V			68	μA	DELTAICC_1P8V
I _{OZ} 3	V _O = V _{CC} or GND	5.5 V			±2.5	μA	IOZ
I _I	V _I = 0 V to V _{CC}	V _I = 0 V to V _{CC}			±1	μA	IIH_5P5V, IIL_5P5V

1. Schmitt-trigger input devices only.
2. Push-pull output devices only.
3. 3-State output devices only.

4 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.

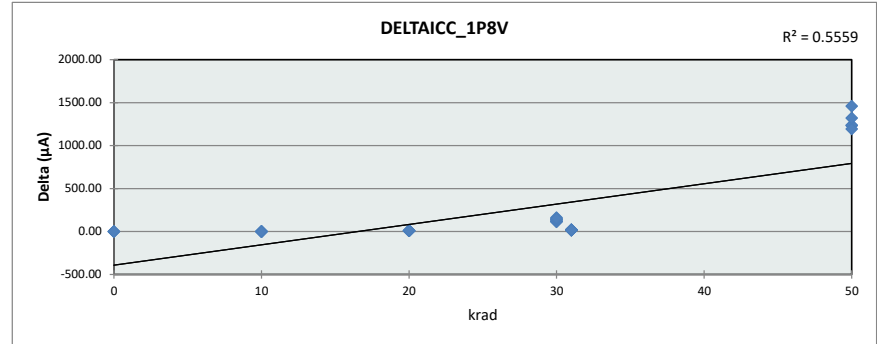
5 Appendix: HDR TID Report Data

This appendix provides the SN54SC2T74-SEP TID HDR report. The report shows the variation for each parameter up to 50 krad(Si).

TID Report SN54SC2T74-SEP

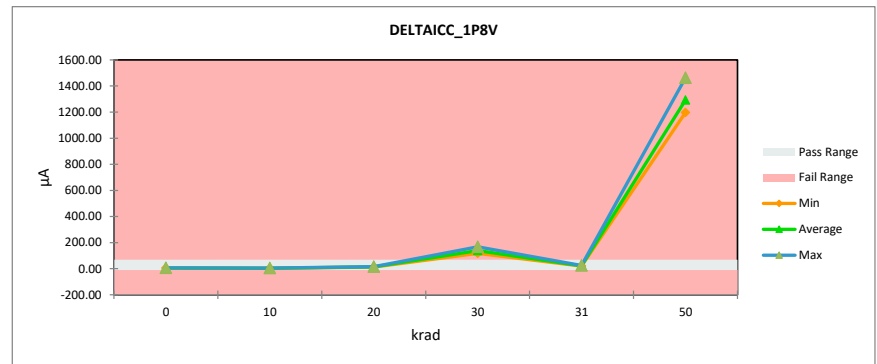
DELTAICC_1P8V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	µA
Max Limit	68
Min Limit	-10

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	4.058	4.681	0.62	15.35%	0.80%
0	2	6.237	5.614	-0.62	-9.99%	0.80%
0	3	6.237	5.614	-0.62	-9.99%	0.80%
10	4	2.798	2.861	0.06	2.25%	0.08%
10	5	2.892	2.861	-0.03	-1.07%	0.04%
10	6	2.798	2.798	0.00	0.00%	0.00%
10	7	3.362	2.955	-0.41	-12.11%	0.52%
10	8	4.681	4.681	0.00	0.00%	0.00%
20	9	2.955	12.410	9.46	319.97%	12.12%
20	10	3.080	13.410	10.33	335.39%	13.24%
20	11	3.049	11.750	8.70	285.37%	11.16%
20	12	3.018	12.690	9.67	320.48%	12.40%
20	13	5.614	15.890	10.28	183.04%	13.17%
30	14	2.924	116.600	113.68	3887.69%	145.74%
30	15	2.986	121.800	118.81	3979.04%	152.33%
30	16	2.892	120.500	117.61	4066.67%	150.78%
30	17	2.861	135.100	132.24	4622.13%	169.54%
30	18	6.237	150.400	144.16	2311.42%	184.82%
30	19	4.992	168.100	163.11	3267.39%	209.11%
30	20	5.303	143.200	137.90	2600.36%	176.79%
30	21	5.303	157.200	151.90	2864.36%	194.74%
31	22	2.924	21.350	18.43	630.16%	23.62%
31	23	2.986	19.470	16.48	552.04%	21.13%
31	24	2.892	20.720	17.83	616.46%	22.86%
31	25	2.861	22.910	20.05	700.77%	25.70%
31	26	6.237	22.860	16.62	266.52%	21.31%
31	27	4.992	24.730	19.74	395.39%	25.31%
31	28	5.303	21.620	16.32	307.69%	20.92%
31	29	5.303	23.490	18.19	342.96%	23.32%
50	30	2.892	1236.000	1233.11	42638.59%	1580.91%
50	31	2.861	1241.000	1238.14	43276.44%	1587.36%
50	32	2.892	1197.000	1194.11	41290.04%	1530.91%
50	33	2.955	1325.000	1322.05	44739.26%	1694.93%
50	34	4.058	1463.000	1458.94	35952.24%	1870.44%
	Max	6.237	1463.000	1456.76	44739.26%	1870.44%
	Average	3.925	230.890	226.97	7080.48%	291.11%
	Min	2.798	2.798	0.00	-12.11%	0.00%
	Std Dev	1.282	452.143	450.86	14655.32%	579.99%



DELTAICC_1P8V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	µA
Max Limit	68
Min Limit	-10

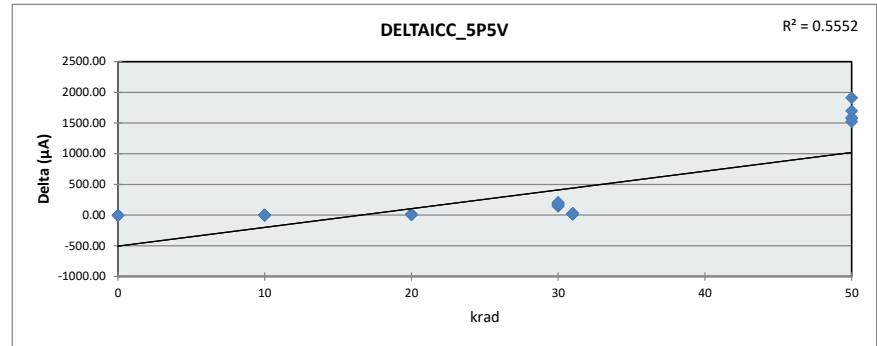
krad	0	10	20	30	31	50
LL	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00
Min	4.68	2.80	11.75	116.60	19.47	1197.00
Average	5.30	3.23	13.23	139.11	22.14	1292.40
Max	5.61	4.68	15.89	168.10	24.73	1463.00
UL	68.00	68.00	68.00	68.00	68.00	68.00



TID Report SN54SC2T74-SEP

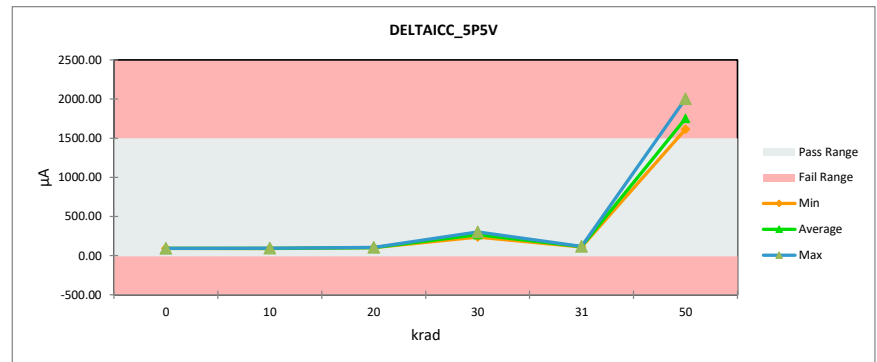
DELTAICC_5P5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	µA
Max Limit	1500
Min Limit	-10

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	93.710	92.160	-1.55	-1.65%	0.10%
0	2	94.340	92.780	-1.56	-1.65%	0.10%
0	3	94.960	92.780	-2.18	-2.30%	0.14%
10	4	92.110	91.610	-0.50	-0.54%	0.03%
10	5	91.760	91.580	-0.18	-0.20%	0.01%
10	6	91.510	91.200	-0.31	-0.34%	0.02%
10	7	92.230	91.320	-0.91	-0.99%	0.06%
10	8	94.650	94.030	-0.62	-0.66%	0.04%
20	9	91.950	101.600	9.65	10.49%	0.64%
20	10	91.640	102.800	11.16	12.18%	0.74%
20	11	91.420	101.200	9.78	10.70%	0.65%
20	12	91.920	102.200	10.28	11.18%	0.68%
20	13	93.090	105.200	12.11	13.01%	0.80%
30	14	92.230	237.900	145.67	157.94%	9.65%
30	15	92.040	246.300	154.26	167.60%	10.22%
30	16	92.330	242.700	150.37	162.86%	9.96%
30	17	92.260	264.300	172.04	186.47%	11.39%
30	18	91.220	282.100	190.88	209.25%	12.64%
30	19	94.030	302.000	207.97	221.17%	13.77%
30	20	91.850	274.900	183.05	199.29%	12.12%
30	21	94.650	283.900	189.25	199.95%	12.53%
31	22	92.230	110.600	18.37	19.92%	1.22%
31	23	92.040	114.000	21.96	23.86%	1.45%
31	24	92.330	114.000	21.67	23.47%	1.44%
31	25	92.260	116.800	24.54	26.60%	1.63%
31	26	91.220	116.900	25.68	28.15%	1.70%
31	27	94.030	114.700	20.67	21.98%	1.37%
31	28	91.850	115.300	23.45	25.53%	1.55%
31	29	94.650	114.400	19.75	20.87%	1.31%
50	30	91.890	1671.000	1579.11	1718.48%	104.58%
50	31	91.290	1679.000	1587.71	1739.19%	105.15%
50	32	91.510	1614.000	1522.49	1663.74%	100.83%
50	33	92.640	1792.000	1699.36	1834.37%	112.54%
50	34	92.160	2004.000	1911.84	2074.48%	126.61%
	Max	94.960	2004.000	1909.04	2074.48%	126.61%
	Average	92.529	384.155	291.63	316.89%	19.34%
	Min	91.220	91.200	-0.02	-2.30%	0.01%
	Std Dev	1.127	583.217	582.09	634.66%	38.62%



DELTAICC_5P5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	µA
Max Limit	1500
Min Limit	-10

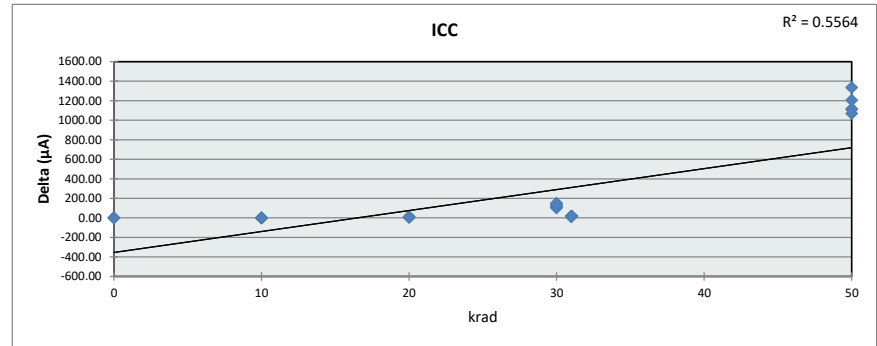
krad	0	10	20	30	31	50
LL	-10.00	-10.00	-10.00	-10.00	-10.00	-10.00
Min	92.16	91.20	101.20	237.90	110.60	1614.00
Average	92.57	91.95	102.60	266.76	114.59	1752.00
Max	92.78	94.03	105.20	302.00	116.90	2004.00
UL	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00



TID Report SN54SC2T74-SEP

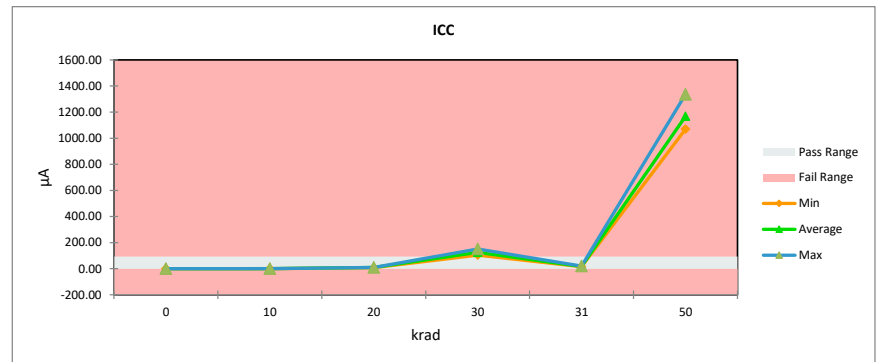
ICC	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	µA
Max Limit	93
Min Limit	-1

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.007	0.007	0.00	8.89%	0.00%
0	2	0.017	0.009	-0.01	-43.71%	0.01%
0	3	0.006	0.009	0.00	44.34%	0.00%
10	4	0.011	0.008	0.00	-26.74%	0.00%
10	5	0.009	0.007	0.00	-20.26%	0.00%
10	6	0.005	0.007	0.00	38.40%	0.00%
10	7	0.009	0.009	0.00	0.00%	0.00%
10	8	0.005	0.014	0.01	166.82%	0.01%
20	9	0.006	8.098	8.09	131105.44%	8.61%
20	10	0.006	9.315	9.31	158940.46%	9.90%
20	11	0.008	8.264	8.26	106614.88%	8.78%
20	12	0.016	8.536	8.52	54617.95%	9.06%
20	13	0.005	9.786	9.78	210396.88%	10.41%
30	14	0.009	103.200	103.19	1146311.91%	109.78%
30	15	0.005	116.500	116.49	2227859.46%	123.93%
30	16	1.657	112.200	110.54	6671.27%	117.60%
30	17	0.006	119.600	119.59	1937683.54%	127.23%
30	18	0.006	136.800	136.79	2446251.93%	145.53%
30	19	0.010	150.300	150.29	1553067.30%	159.88%
30	20	0.003	121.100	121.10	3570065.09%	128.83%
30	21	0.007	145.200	145.19	2119917.52%	154.46%
31	22	0.009	15.110	15.10	167751.59%	16.06%
31	23	0.005	17.600	17.59	336484.43%	18.72%
31	24	1.657	16.980	15.32	924.74%	16.30%
31	25	0.006	19.790	19.78	320541.61%	21.05%
31	26	0.006	16.520	16.51	295322.03%	17.57%
31	27	0.010	17.250	17.24	178157.72%	18.34%
31	28	0.003	16.090	16.09	474251.42%	17.11%
31	29	0.007	16.670	16.66	243293.20%	17.73%
50	30	0.009	1117.000	1116.99	11990024.52%	1188.29%
50	31	0.007	1110.000	1109.99	16321029.25%	1180.84%
50	32	0.006	1069.000	1068.99	18251564.67%	1137.23%
50	33	0.008	1206.000	1205.99	14966392.93%	1282.97%
50	34	0.008	1336.000	1335.99	17147891.27%	1421.27%
	Max	1.657	1336.000	1334.34	18251564.67%	1421.27%
	Average	0.104	206.558	206.45	2834214.73%	219.63%
	Min	0.003	0.007	0.00	-43.71%	0.00%
	Std Dev	0.394	409.808	409.41	5572119.38%	436.00%



ICC	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	µA
Max Limit	93
Min Limit	-1

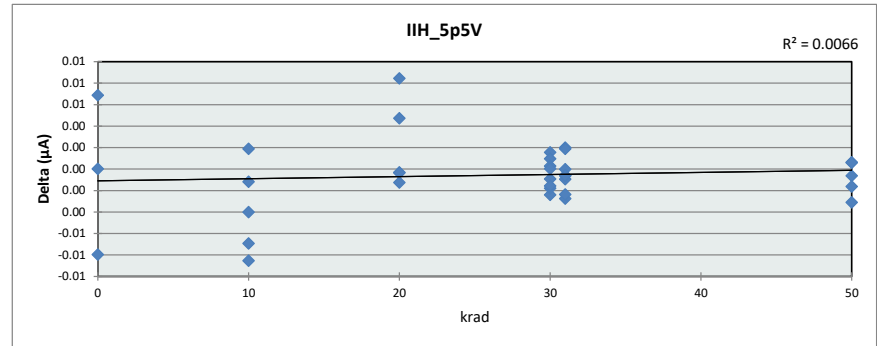
krad	0	10	20	30	31	50
LL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
Min	0.01	0.01	8.10	103.20	15.11	1069.00
Average	0.01	0.01	8.80	125.61	17.00	1167.60
Max	0.01	0.01	9.79	150.30	19.79	1336.00
UL	93.00	93.00	93.00	93.00	93.00	93.00



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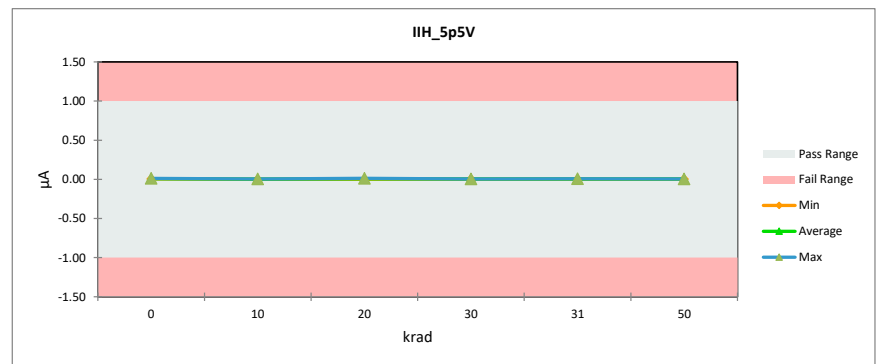
IIH_5p5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	μA
Max Limit	1
Min Limit	-1

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.005	0.005	0.00	0.55%	0.00%
0	2	0.015	0.007	-0.01	-52.50%	0.40%
0	3	0.005	0.012	0.01	129.83%	0.34%
10	4	0.007	0.003	0.00	-61.12%	0.20%
10	5	0.010	0.003	-0.01	-69.03%	0.35%
10	6	0.004	0.006	0.00	50.24%	0.09%
10	7	0.009	0.000	-0.01	-97.35%	0.43%
10	8	0.005	0.003	0.00	-25.25%	0.06%
20	9	0.002	0.007	0.00	256.77%	0.24%
20	10	0.004	0.003	0.00	-30.90%	0.06%
20	11	0.004	0.003	0.00	-8.36%	0.02%
20	12	0.004	0.004	0.00	-7.73%	0.02%
20	13	0.005	0.013	0.01	178.44%	0.42%
30	14	0.006	0.005	0.00	-14.70%	0.05%
30	15	0.004	0.005	0.00	41.21%	0.08%
30	16	0.005	0.006	0.00	20.71%	0.05%
30	17	0.005	0.003	0.00	-45.27%	0.12%
30	18	0.004	0.005	0.00	6.36%	0.01%
30	19	0.005	0.005	0.00	0.73%	0.00%
30	20	0.006	0.004	0.00	-31.98%	0.09%
30	21	0.007	0.005	0.00	-24.05%	0.08%
31	22	0.006	0.005	0.00	-15.08%	0.05%
31	23	0.004	0.004	0.00	-0.45%	0.00%
31	24	0.005	0.004	0.00	-12.92%	0.03%
31	25	0.005	0.003	0.00	-51.90%	0.14%
31	26	0.004	0.006	0.00	45.83%	0.10%
31	27	0.005	0.007	0.00	38.26%	0.09%
31	28	0.006	0.005	0.00	-10.68%	0.03%
31	29	0.007	0.004	0.00	-36.15%	0.12%
50	30	0.004	0.005	0.00	14.34%	0.03%
50	31	0.005	0.002	0.00	-61.67%	0.15%
50	32	0.004	0.005	0.00	14.84%	0.03%
50	33	0.003	0.003	0.00	-18.27%	0.03%
50	34	0.005	0.003	0.00	-32.09%	0.08%
	Max	0.015	0.013	0.00	256.77%	0.43%
	Average	0.005	0.005	0.00	2.67%	0.12%
	Min	0.002	0.000	0.00	-97.35%	0.00%
	Std Dev	0.002	0.002	0.00	69.43%	0.13%



IIH_5p5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	μA
Max Limit	1
Min Limit	-1

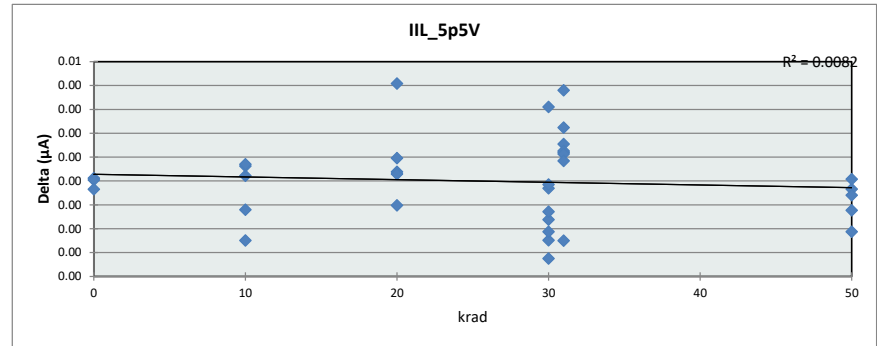
	krad	0	10	20	30	31	50
LL		-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
Min		0.01	0.00	0.00	0.00	0.00	0.00
Average		0.01	0.00	0.01	0.00	0.00	0.00
Max		0.01	0.01	0.01	0.01	0.01	0.01
UL		1.00	1.00	1.00	1.00	1.00	1.00



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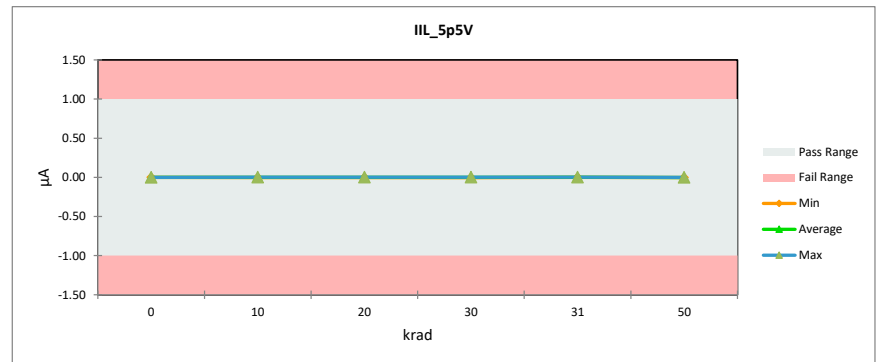
IIL_5p5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	µA
Max Limit	1
Min Limit	-1

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.000	0.000	0.00	-30.56%	0.01%
0	2	0.001	0.001	0.00	6.84%	0.00%
0	3	0.000	0.000	0.00	-2166.17%	0.02%
10	4	0.000	-0.002	0.00	-907.06%	0.12%
10	5	0.000	0.000	0.00	-66.98%	0.01%
10	6	0.001	0.001	0.00	94.49%	0.03%
10	7	-0.001	0.000	0.00	-109.30%	0.04%
10	8	0.000	-0.002	0.00	299.95%	0.06%
20	9	0.000	0.000	0.00	-984.40%	0.02%
20	10	-0.002	0.002	0.00	-184.35%	0.20%
20	11	0.000	0.001	0.00	-5770.48%	0.05%
20	12	-0.002	-0.001	0.00	-18.38%	0.01%
20	13	-0.002	-0.003	0.00	54.55%	0.05%
30	14	0.001	0.000	0.00	-49.05%	0.02%
30	15	-0.002	0.001	0.00	-143.50%	0.16%
30	16	0.000	-0.003	0.00	6260.42%	0.12%
30	17	0.001	-0.001	0.00	-171.15%	0.11%
30	18	0.000	-0.002	0.00	542.64%	0.08%
30	19	-0.003	-0.004	0.00	45.00%	0.06%
30	20	0.000	0.000	0.00	-43.57%	0.01%
30	21	0.000	-0.004	0.00	1087.73%	0.16%
31	22	0.001	0.002	0.00	252.99%	0.08%
31	23	-0.002	-0.001	0.00	-55.65%	0.06%
31	24	0.000	0.001	0.00	-3174.20%	0.06%
31	25	0.001	-0.001	0.00	-201.61%	0.13%
31	26	0.000	0.002	0.00	-750.35%	0.11%
31	27	-0.003	0.001	0.00	-132.93%	0.19%
31	28	0.000	0.001	0.00	343.84%	0.06%
31	29	0.000	0.001	0.00	-282.33%	0.04%
50	30	-0.002	-0.002	0.00	15.84%	0.02%
50	31	-0.001	-0.003	0.00	166.72%	0.11%
50	32	-0.001	-0.001	0.00	-7.68%	0.00%
50	33	-0.001	-0.002	0.00	183.00%	0.06%
50	34	-0.003	-0.003	0.00	23.02%	0.03%
Max		0.001	0.002	0.00	6260.42%	0.20%
Average		-0.001	-0.001	0.00	-172.73%	0.07%
Min		-0.003	-0.004	0.00	-5770.48%	0.00%
Std Dev		0.001	0.002	0.00	1657.61%	0.06%



IIL_5p5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	µA
Max Limit	1
Min Limit	-1

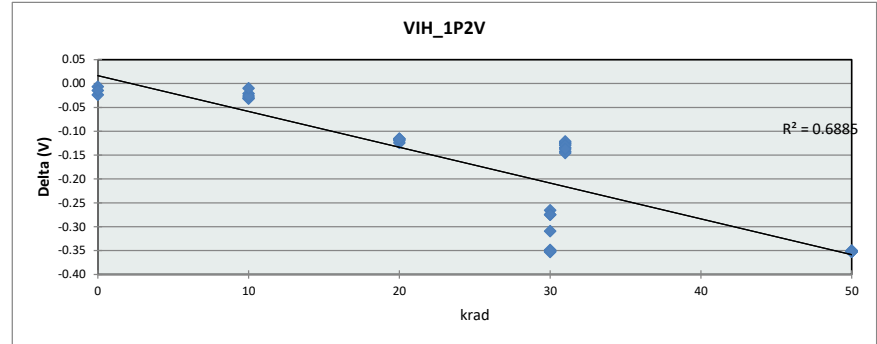
	0	10	20	30	31	50
LL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
Min	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	0.00	0.00
UL	1.00	1.00	1.00	1.00	1.00	1.00



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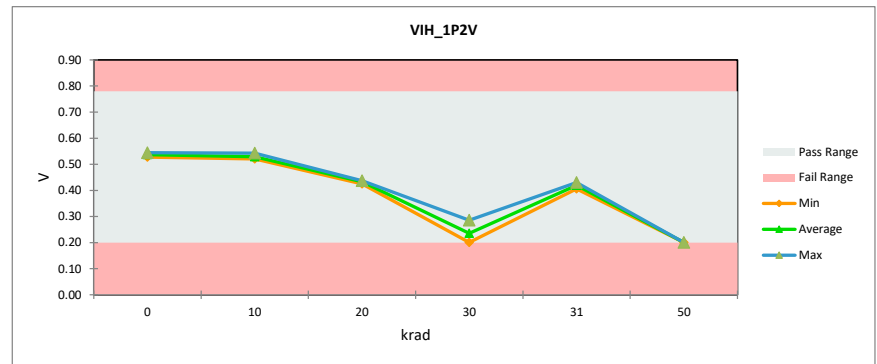
VIH_1P2V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.78
Min Limit	0.2

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.551	0.544	-0.01	-1.21%	1.15%
0	2	0.551	0.527	-0.02	-4.29%	4.08%
0	3	0.554	0.539	-0.01	-2.63%	2.51%
10	4	0.553	0.523	-0.03	-5.48%	5.23%
10	5	0.553	0.532	-0.02	-3.84%	3.66%
10	6	0.552	0.521	-0.03	-5.71%	5.44%
10	7	0.554	0.528	-0.03	-4.71%	4.50%
10	8	0.552	0.543	-0.01	-1.76%	1.67%
20	9	0.550	0.430	-0.12	-21.72%	20.60%
20	10	0.549	0.425	-0.12	-22.63%	21.43%
20	11	0.553	0.437	-0.12	-20.95%	19.97%
20	12	0.554	0.437	-0.12	-21.23%	20.28%
20	13	0.551	0.435	-0.12	-20.93%	19.87%
30	14	0.551	0.286	-0.27	-48.20%	45.80%
30	15	0.552	0.277	-0.27	-49.79%	47.36%
30	16	0.552	0.277	-0.27	-49.79%	47.36%
30	17	0.554	0.244	-0.31	-55.87%	53.32%
30	18	0.549	0.201	-0.35	-63.48%	60.12%
30	19	0.551	0.201	-0.35	-63.60%	60.43%
30	20	0.554	0.201	-0.35	-63.76%	60.85%
30	21	0.552	0.201	-0.35	-63.64%	60.54%
31	22	0.551	0.427	-0.12	-22.56%	21.43%
31	23	0.552	0.426	-0.13	-22.86%	21.75%
31	24	0.552	0.430	-0.12	-21.98%	20.91%
31	25	0.554	0.420	-0.13	-24.21%	23.11%
31	26	0.549	0.407	-0.14	-25.83%	24.47%
31	27	0.551	0.406	-0.15	-26.41%	25.09%
31	28	0.554	0.424	-0.13	-23.33%	22.27%
31	29	0.552	0.415	-0.14	-24.84%	23.63%
50	30	0.551	0.201	-0.35	-63.60%	60.43%
50	31	0.553	0.201	-0.35	-63.72%	60.75%
50	32	0.551	0.201	-0.35	-63.56%	60.33%
50	33	0.552	0.201	-0.35	-63.68%	60.64%
50	34	0.553	0.201	-0.35	-63.72%	60.75%
	Max	0.554	0.544	-0.01	-1.21%	60.85%
	Average	0.552	0.372	-0.18	-32.52%	30.93%
	Min	0.549	0.201	-0.35	-63.76%	1.15%
	Std Dev	0.001	0.129	0.13	23.34%	22.20%



VIH_1P2V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.78
Min Limit	0.2

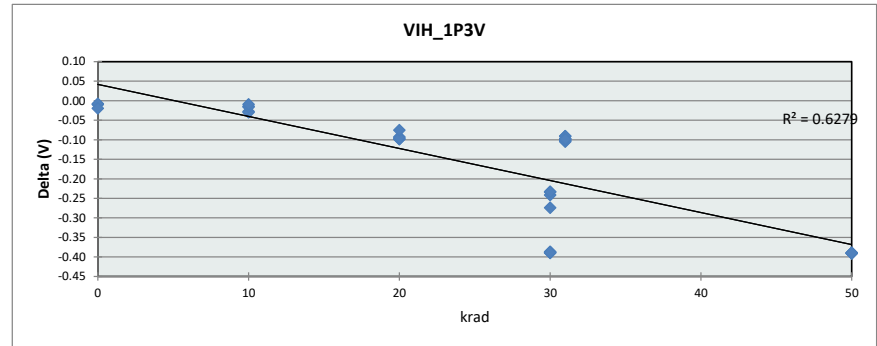
krad	0	10	20	30	31	50
LL	0.20	0.20	0.20	0.20	0.20	0.20
Min	0.53	0.52	0.42	0.20	0.41	0.20
Average	0.54	0.53	0.43	0.24	0.42	0.20
Max	0.54	0.54	0.44	0.29	0.43	0.20
UL	0.78	0.78	0.78	0.78	0.78	0.78



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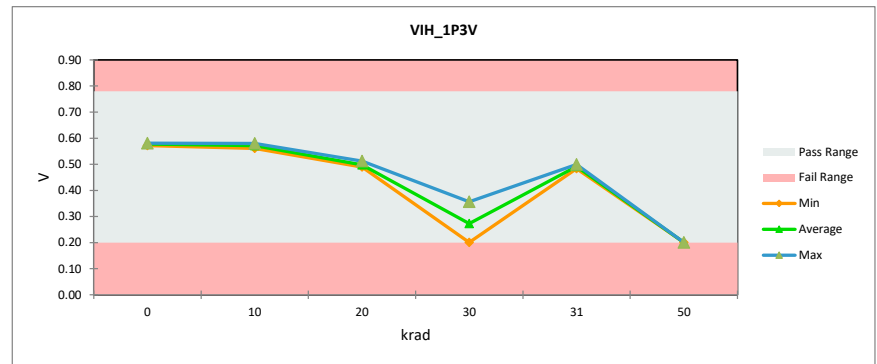
VIH_1P3V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.78
Min Limit	0.2

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.590	0.580	-0.01	-1.64%	1.67%
0	2	0.589	0.581	-0.01	-1.34%	1.36%
0	3	0.591	0.572	-0.02	-3.28%	3.35%
10	4	0.591	0.576	-0.01	-2.46%	2.51%
10	5	0.591	0.563	-0.03	-4.62%	4.71%
10	6	0.591	0.561	-0.03	-5.03%	5.12%
10	7	0.593	0.577	-0.02	-2.66%	2.72%
10	8	0.589	0.580	-0.01	-1.54%	1.57%
20	9	0.589	0.490	-0.10	-16.69%	16.94%
20	10	0.588	0.489	-0.10	-16.72%	16.94%
20	11	0.591	0.498	-0.09	-15.70%	16.00%
20	12	0.594	0.498	-0.10	-16.04%	16.42%
20	13	0.588	0.512	-0.08	-12.80%	12.97%
30	14	0.588	0.355	-0.23	-39.70%	40.25%
30	15	0.591	0.349	-0.24	-40.87%	41.61%
30	16	0.590	0.356	-0.23	-39.58%	40.25%
30	17	0.593	0.319	-0.27	-46.23%	47.26%
30	18	0.588	0.201	-0.39	-65.85%	66.71%
30	19	0.588	0.201	-0.39	-65.89%	66.81%
30	20	0.591	0.201	-0.39	-66.03%	67.23%
30	21	0.589	0.201	-0.39	-65.96%	67.02%
31	22	0.588	0.497	-0.09	-15.47%	15.68%
31	23	0.591	0.493	-0.10	-16.53%	16.83%
31	24	0.590	0.500	-0.09	-15.32%	15.58%
31	25	0.593	0.490	-0.10	-17.28%	17.67%
31	26	0.588	0.486	-0.10	-17.34%	17.57%
31	27	0.588	0.483	-0.10	-17.84%	18.09%
31	28	0.591	0.492	-0.10	-16.64%	16.94%
31	29	0.589	0.491	-0.10	-16.67%	16.94%
50	30	0.591	0.201	-0.39	-66.03%	67.23%
50	31	0.590	0.201	-0.39	-66.00%	67.13%
50	32	0.591	0.201	-0.39	-66.06%	67.33%
50	33	0.591	0.201	-0.39	-66.06%	67.33%
50	34	0.591	0.201	-0.39	-66.03%	67.23%
Max		0.594	0.581	-0.01	-1.34%	67.33%
Average		0.590	0.418	-0.17	-29.23%	29.73%
Min		0.588	0.201	-0.39	-66.06%	1.36%
Std Dev		0.002	0.147	0.15	24.99%	25.42%



VIH_1P3V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.78
Min Limit	0.2

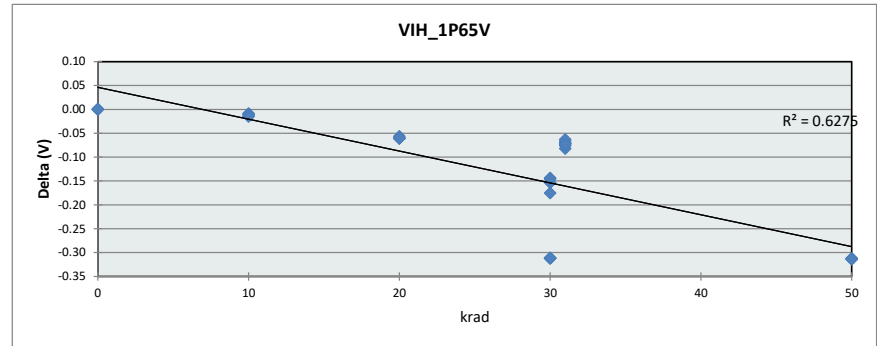
krad	0	10	20	30	31	50
LL	0.20	0.20	0.20	0.20	0.20	0.20
Min	0.57	0.56	0.49	0.20	0.48	0.20
Average	0.58	0.57	0.50	0.27	0.49	0.20
Max	0.58	0.58	0.51	0.36	0.50	0.20
UL	0.78	0.78	0.78	0.78	0.78	0.78



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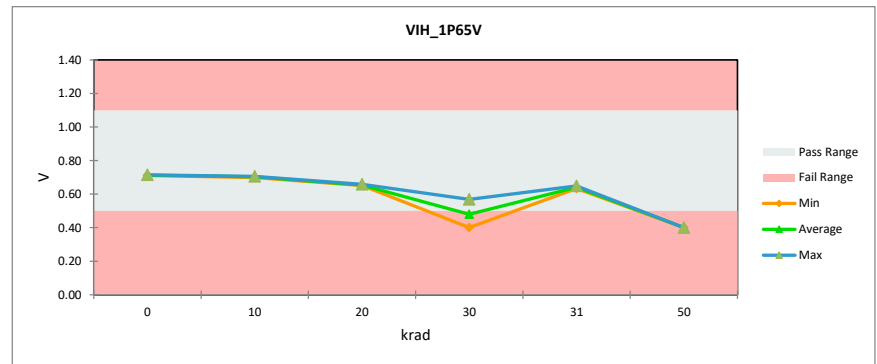
VIH_1P65V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.1
Min Limit	0.5

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.713	0.713	0.00	0.00%	0.00%
0	2	0.711	0.711	0.00	0.00%	0.00%
0	3	0.714	0.715	0.00	0.17%	0.20%
10	4	0.713	0.704	-0.01	-1.19%	1.42%
10	5	0.715	0.702	-0.01	-1.87%	2.22%
10	6	0.715	0.705	-0.01	-1.36%	1.62%
10	7	0.717	0.706	-0.01	-1.52%	1.82%
10	8	0.713	0.698	-0.01	-2.04%	2.43%
20	9	0.712	0.652	-0.06	-8.51%	10.11%
20	10	0.712	0.652	-0.06	-8.51%	10.11%
20	11	0.715	0.659	-0.06	-7.88%	9.40%
20	12	0.717	0.657	-0.06	-8.37%	10.01%
20	13	0.712	0.651	-0.06	-8.52%	10.11%
30	14	0.711	0.567	-0.14	-20.21%	23.95%
30	15	0.714	0.568	-0.15	-20.40%	24.26%
30	16	0.714	0.560	-0.15	-21.50%	25.57%
30	17	0.716	0.541	-0.18	-24.48%	29.21%
30	18	0.712	0.401	-0.31	-43.71%	51.85%
30	19	0.712	0.401	-0.31	-43.76%	51.95%
30	20	0.712	0.401	-0.31	-43.76%	51.95%
30	21	0.712	0.401	-0.31	-43.71%	51.85%
31	22	0.711	0.644	-0.07	-9.38%	11.12%
31	23	0.714	0.642	-0.07	-10.03%	11.93%
31	24	0.714	0.643	-0.07	-9.86%	11.72%
31	25	0.716	0.634	-0.08	-11.43%	13.64%
31	26	0.712	0.640	-0.07	-10.14%	12.03%
31	27	0.712	0.637	-0.08	-10.64%	12.63%
31	28	0.712	0.649	-0.06	-8.85%	10.51%
31	29	0.712	0.640	-0.07	-10.14%	12.03%
50	30	0.714	0.401	-0.31	-43.90%	52.25%
50	31	0.714	0.401	-0.31	-43.90%	52.25%
50	32	0.712	0.401	-0.31	-43.76%	51.95%
50	33	0.713	0.401	-0.31	-43.81%	52.05%
50	34	0.714	0.401	-0.31	-43.90%	52.25%
Max		0.717	0.715	0.00	0.17%	0.20%
Average		0.713	0.585	-0.13	-17.97%	21.36%
Min		0.711	0.401	-0.31	-43.90%	0.00%
Std Dev		0.002	0.120	0.12	16.84%	19.99%



VIH_1P65V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.1
Min Limit	0.5

krad	0	10	20	30	31	50
LL	0.50	0.50	0.50	0.50	0.50	0.50
Min	0.71	0.70	0.65	0.40	0.63	0.40
Average	0.71	0.70	0.65	0.48	0.64	0.40
Max	0.71	0.71	0.66	0.57	0.65	0.40
UL	1.10	1.10	1.10	1.10	1.10	1.10

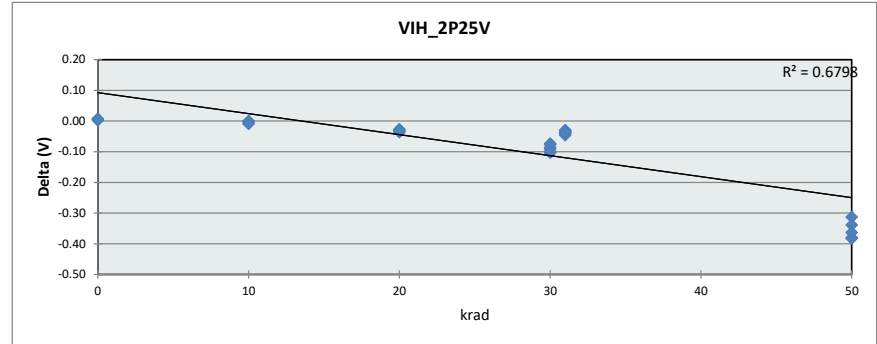


TID Report SN54SC2T74-SEP

VIH_2P25V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.28
Min Limit	0.65

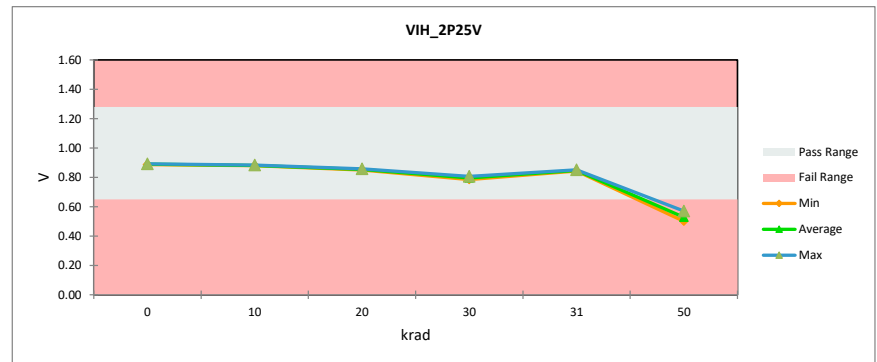
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.884	0.891	0.01	0.83%	1.16%
0	2	0.884	0.887	0.00	0.33%	0.47%
0	3	0.886	0.892	0.01	0.66%	0.93%
10	4	0.884	0.882	0.00	-0.25%	0.35%
10	5	0.881	0.880	0.00	-0.08%	0.12%
10	6	0.884	0.881	0.00	-0.33%	0.47%
10	7	0.884	0.883	0.00	-0.08%	0.12%
10	8	0.889	0.880	-0.01	-0.99%	1.40%
20	9	0.883	0.854	-0.03	-3.24%	4.54%
20	10	0.885	0.849	-0.04	-4.06%	5.71%
20	11	0.884	0.857	-0.03	-3.07%	4.31%
20	12	0.884	0.853	-0.03	-3.49%	4.89%
20	13	0.887	0.854	-0.03	-3.64%	5.12%
30	14	0.881	0.805	-0.08	-8.58%	12.00%
30	15	0.880	0.807	-0.07	-8.34%	11.65%
30	16	0.879	0.803	-0.08	-8.60%	12.00%
30	17	0.881	0.789	-0.09	-10.41%	14.56%
30	18	0.887	0.785	-0.10	-11.49%	16.19%
30	19	0.888	0.788	-0.10	-11.24%	15.84%
30	20	0.890	0.804	-0.09	-9.65%	13.63%
30	21	0.887	0.785	-0.10	-11.50%	16.19%
31	22	0.881	0.846	-0.04	-4.00%	5.59%
31	23	0.880	0.851	-0.03	-3.33%	4.66%
31	24	0.879	0.847	-0.03	-3.59%	5.01%
31	25	0.881	0.845	-0.04	-4.08%	5.71%
31	26	0.887	0.847	-0.04	-4.55%	6.41%
31	27	0.888	0.843	-0.05	-5.12%	7.22%
31	28	0.890	0.851	-0.04	-4.37%	6.17%
31	29	0.887	0.849	-0.04	-4.22%	5.94%
50	30	0.883	0.501	-0.38	-43.29%	60.68%
50	31	0.881	0.501	-0.38	-43.15%	60.33%
50	32	0.883	0.570	-0.31	-35.40%	49.62%
50	33	0.881	0.518	-0.36	-41.24%	57.65%
50	34	0.890	0.551	-0.34	-38.02%	53.69%
	Max	0.890	0.892	0.00	0.83%	60.68%
	Average	0.884	0.798	-0.09	-9.75%	13.83%
	Min	0.879	0.501	-0.38	-43.29%	0.12%
	Std Dev	0.003	0.119	0.12	13.39%	18.66%



VIH_2P25V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.28
Min Limit	0.65

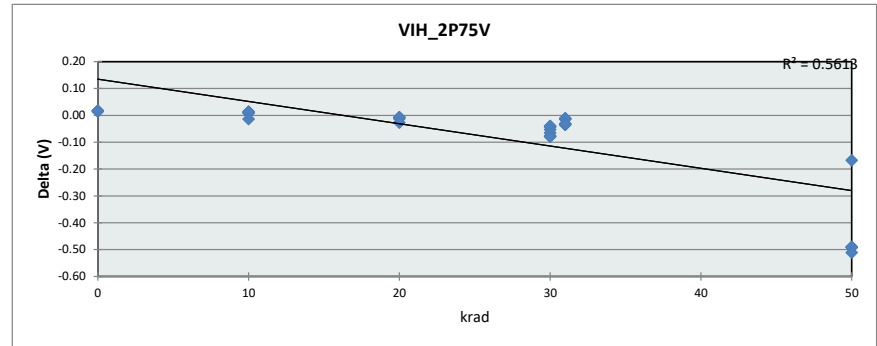
krad	0	10	20	30	31	50
LL	0.65	0.65	0.65	0.65	0.65	0.65
Min	0.89	0.88	0.85	0.78	0.84	0.50
Average	0.89	0.88	0.85	0.80	0.85	0.53
Max	0.89	0.88	0.86	0.81	0.85	0.57
UL	1.28	1.28	1.28	1.28	1.28	1.28



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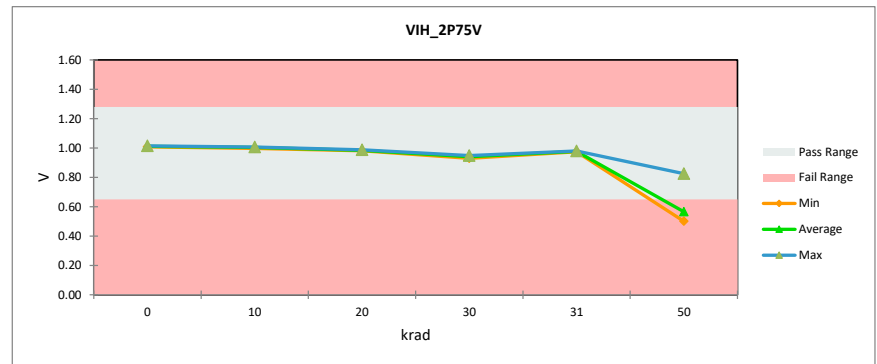
VIH_2P75V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.28
Min Limit	0.65

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.995	1.012	0.02	1.77%	2.80%
0	2	0.993	1.008	0.01	1.48%	2.33%
0	3	0.997	1.014	0.02	1.77%	2.80%
10	4	0.995	1.005	0.01	0.96%	1.51%
10	5	0.992	1.006	0.01	1.40%	2.21%
10	6	0.994	1.003	0.01	0.96%	1.51%
10	7	0.994	1.007	0.01	1.33%	2.10%
10	8	1.010	0.997	-0.01	-1.31%	2.10%
20	9	0.995	0.984	-0.01	-1.18%	1.86%
20	10	0.993	0.984	-0.01	-0.89%	1.40%
20	11	0.994	0.987	-0.01	-0.66%	1.05%
20	12	0.992	0.985	-0.01	-0.67%	1.05%
20	13	1.008	0.981	-0.03	-2.69%	4.31%
30	14	0.989	0.949	-0.04	-4.08%	6.41%
30	15	0.989	0.945	-0.04	-4.38%	6.87%
30	16	0.988	0.948	-0.04	-4.01%	6.29%
30	17	0.990	0.937	-0.05	-5.34%	8.39%
30	18	1.009	0.931	-0.08	-7.71%	12.35%
30	19	1.010	0.934	-0.08	-7.56%	12.11%
30	20	1.011	0.945	-0.07	-6.46%	10.37%
30	21	1.009	0.930	-0.08	-7.85%	12.58%
31	22	0.989	0.976	-0.01	-1.33%	2.10%
31	23	0.989	0.975	-0.01	-1.34%	2.10%
31	24	0.988	0.978	-0.01	-1.04%	1.63%
31	25	0.990	0.978	-0.01	-1.26%	1.98%
31	26	1.009	0.974	-0.04	-3.49%	5.59%
31	27	1.010	0.975	-0.03	-3.41%	5.47%
31	28	1.011	0.980	-0.03	-3.05%	4.89%
31	29	1.009	0.976	-0.03	-3.27%	5.24%
50	30	0.992	0.501	-0.49	-49.54%	78.04%
50	31	0.992	0.501	-0.49	-49.54%	78.04%
50	32	0.990	0.501	-0.49	-49.43%	77.69%
50	33	0.992	0.825	-0.17	-16.86%	26.56%
50	34	1.011	0.501	-0.51	-50.49%	81.06%
	Max	1.011	1.014	0.00	1.77%	
	Average	0.998	0.916	-0.08	-8.21%	13.90%
	Min	0.988	0.501	-0.49	-50.49%	1.05%
	Std Dev	0.009	0.158	0.15	15.83%	24.54%



VIH_2P75V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.28
Min Limit	0.65

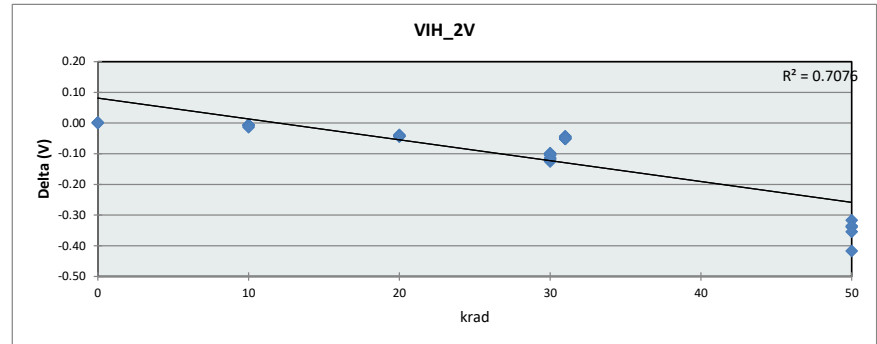
krad	0	10	20	30	31	50
LL	0.65	0.65	0.65	0.65	0.65	0.65
Min	1.01	1.00	0.98	0.93	0.97	0.50
Average	1.01	1.00	0.98	0.94	0.98	0.57
Max	1.01	1.01	0.99	0.95	0.98	0.83
UL	1.28	1.28	1.28	1.28	1.28	1.28



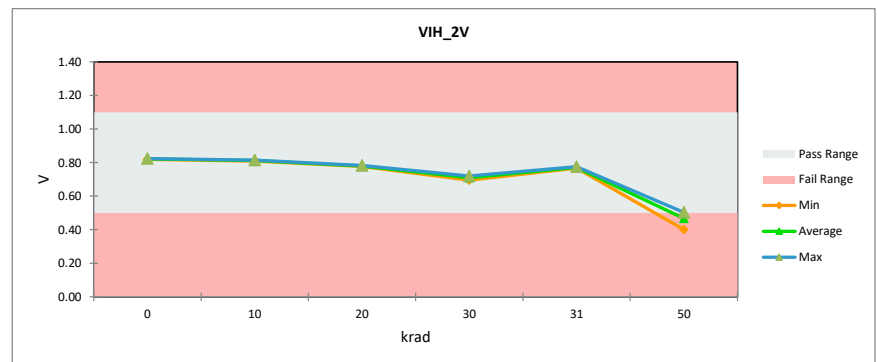
TID Report SN54SC2T74-SEP

VIH_2V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.1
Min Limit	0.5

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.821	0.823	0.00	0.27%	0.36%
0	2	0.819	0.819	0.00	0.00%	0.00%
0	3	0.823	0.824	0.00	0.09%	0.12%
10	4	0.820	0.813	-0.01	-0.80%	1.09%
10	5	0.818	0.812	-0.01	-0.80%	1.09%
10	6	0.821	0.812	-0.01	-1.06%	1.46%
10	7	0.821	0.814	-0.01	-0.80%	1.09%
10	8	0.821	0.808	-0.01	-1.59%	2.18%
20	9	0.818	0.776	-0.04	-5.16%	7.03%
20	10	0.821	0.782	-0.04	-4.70%	6.43%
20	11	0.821	0.781	-0.04	-4.87%	6.67%
20	12	0.821	0.777	-0.04	-5.32%	7.28%
20	13	0.819	0.776	-0.04	-5.24%	7.16%
30	14	0.818	0.718	-0.10	-12.27%	16.74%
30	15	0.818	0.720	-0.10	-12.00%	16.37%
30	16	0.816	0.711	-0.10	-12.85%	17.47%
30	17	0.819	0.704	-0.11	-14.04%	19.16%
30	18	0.819	0.706	-0.11	-13.86%	18.92%
30	19	0.821	0.695	-0.13	-15.25%	20.86%
30	20	0.821	0.717	-0.10	-12.67%	17.34%
30	21	0.820	0.701	-0.12	-14.56%	19.89%
31	22	0.818	0.772	-0.05	-5.69%	7.76%
31	23	0.818	0.776	-0.04	-5.25%	7.16%
31	24	0.816	0.772	-0.04	-5.35%	7.28%
31	25	0.819	0.768	-0.05	-6.22%	8.49%
31	26	0.819	0.767	-0.05	-6.31%	8.61%
31	27	0.821	0.769	-0.05	-6.30%	8.61%
31	28	0.821	0.775	-0.05	-5.67%	7.76%
31	29	0.820	0.771	-0.05	-5.95%	8.13%
50	30	0.820	0.482	-0.34	-41.27%	56.40%
50	31	0.818	0.401	-0.42	-50.99%	69.50%
50	32	0.820	0.503	-0.32	-38.61%	52.76%
50	33	0.818	0.482	-0.34	-41.03%	55.91%
50	34	0.822	0.468	-0.35	-43.11%	59.07%
	Max	0.823	0.824	0.00	0.27%	69.50%
	Average	0.820	0.723	-0.10	-11.74%	16.06%
	Min	0.816	0.401	-0.41	-50.99%	0.00%
	Std Dev	0.002	0.115	0.11	14.05%	19.15%



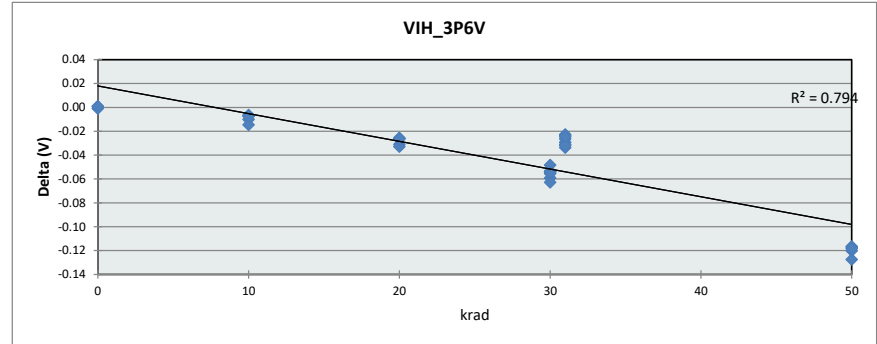
VIH_2V		0	10	20	30	31	50
Test Site	SLAB						
Tester	ETS88B						
Test Number	EQ774000						
Units	V						
Max Limit	1.1						
Min Limit	0.5						
LL		0.50	0.50	0.50	0.50	0.50	0.50
Min		0.82	0.81	0.78	0.70	0.77	0.40
Average		0.82	0.81	0.78	0.71	0.77	0.47
Max		0.82	0.81	0.78	0.72	0.78	0.50
UL		1.10	1.10	1.10	1.10	1.10	1.10



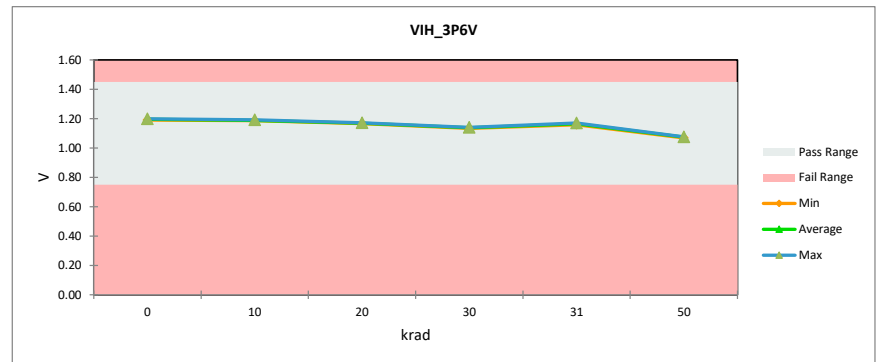
TID Report SN54SC2T74-SEP

VIH_3P6V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.45
Min Limit	0.75

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.197	1.198	0.00	0.08%	0.13%
0	2	1.191	1.190	0.00	-0.08%	0.13%
0	3	1.198	1.199	0.00	0.08%	0.13%
10	4	1.197	1.190	-0.01	-0.61%	1.04%
10	5	1.199	1.192	-0.01	-0.53%	0.91%
10	6	1.196	1.186	-0.01	-0.84%	1.43%
10	7	1.200	1.186	-0.01	-1.21%	2.08%
10	8	1.195	1.188	-0.01	-0.61%	1.04%
20	9	1.200	1.169	-0.03	-2.58%	4.42%
20	10	1.197	1.171	-0.03	-2.13%	3.64%
20	11	1.196	1.169	-0.03	-2.21%	3.77%
20	12	1.199	1.166	-0.03	-2.73%	4.68%
20	13	1.194	1.168	-0.03	-2.21%	3.77%
30	14	1.194	1.140	-0.05	-4.49%	7.67%
30	15	1.190	1.135	-0.06	-4.66%	7.93%
30	16	1.192	1.139	-0.05	-4.50%	7.67%
30	17	1.187	1.139	-0.05	-4.06%	6.89%
30	18	1.197	1.138	-0.06	-4.94%	8.45%
30	19	1.196	1.133	-0.06	-5.25%	8.97%
30	20	1.192	1.139	-0.05	-4.50%	7.67%
30	21	1.191	1.137	-0.05	-4.58%	7.80%
31	22	1.194	1.165	-0.03	-2.44%	4.16%
31	23	1.190	1.159	-0.03	-2.60%	4.42%
31	24	1.192	1.159	-0.03	-2.82%	4.81%
31	25	1.187	1.164	-0.02	-1.92%	3.25%
31	26	1.197	1.170	-0.03	-2.20%	3.77%
31	27	1.196	1.164	-0.03	-2.66%	4.55%
31	28	1.192	1.169	-0.02	-1.98%	3.38%
31	29	1.191	1.167	-0.02	-2.06%	3.51%
50	30	1.192	1.076	-0.12	-9.77%	16.63%
50	31	1.195	1.075	-0.12	-10.05%	17.15%
50	32	1.193	1.076	-0.12	-9.83%	16.76%
50	33	1.192	1.074	-0.12	-9.92%	16.89%
50	34	1.196	1.069	-0.13	-10.65%	18.19%
	Max	1.200	1.199	0.00	0.08%	18.19%
	Average	1.194	1.152	-0.04	-3.57%	6.11%
	Min	1.187	1.069	-0.12	-10.65%	0.13%
	Std Dev	0.003	0.038	0.03	3.11%	5.28%



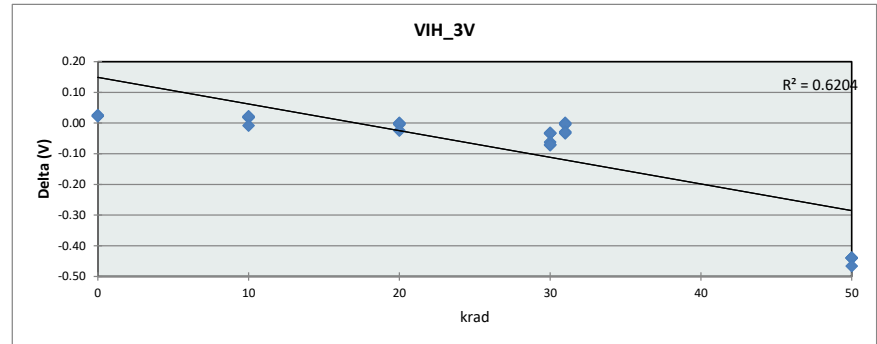
VIH_3P6V		0	10	20	30	31	50
Test Site	SLAB						
Tester	ETS88B						
Test Number	EQ774000						
Units	V						
Max Limit	1.45						
Min Limit	0.75						
LL		0.75	0.75	0.75	0.75	0.75	0.75
Min		1.19	1.19	1.17	1.13	1.16	1.07
Average		1.20	1.19	1.17	1.14	1.16	1.07
Max		1.20	1.19	1.17	1.14	1.17	1.08
UL		1.45	1.45	1.45	1.45	1.45	1.45



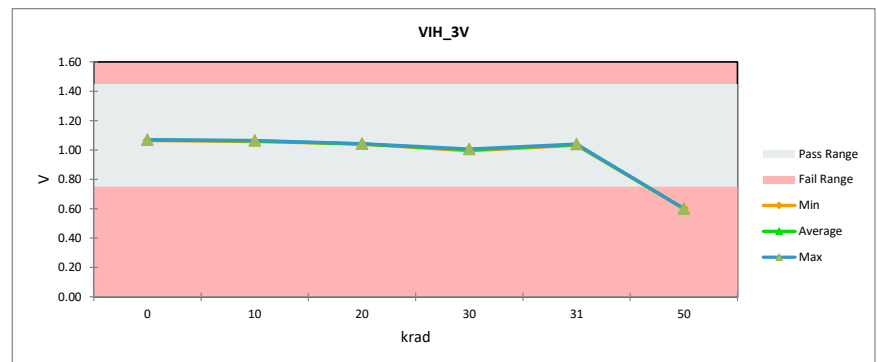
TID Report SN54SC2T74-SEP

VIH_3V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.45
Min Limit	0.75

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.044	1.070	0.03	2.52%	3.76%
0	2	1.041	1.064	0.02	2.20%	3.27%
0	3	1.047	1.069	0.02	2.19%	3.27%
10	4	1.042	1.061	0.02	1.79%	2.67%
10	5	1.041	1.062	0.02	1.96%	2.91%
10	6	1.042	1.060	0.02	1.71%	2.55%
10	7	1.043	1.065	0.02	2.12%	3.15%
10	8	1.067	1.058	-0.01	-0.80%	1.21%
20	9	1.045	1.040	-0.01	-0.49%	0.73%
20	10	1.041	1.040	0.00	-0.16%	0.24%
20	11	1.042	1.043	0.00	0.08%	0.12%
20	12	1.043	1.041	0.00	-0.16%	0.24%
20	13	1.065	1.041	-0.02	-2.31%	3.52%
30	14	1.037	1.005	-0.03	-3.11%	4.61%
30	15	1.039	1.007	-0.03	-3.11%	4.61%
30	16	1.039	1.006	-0.03	-3.19%	4.73%
30	17	1.038	1.004	-0.03	-3.27%	4.85%
30	18	1.066	0.994	-0.07	-6.77%	10.31%
30	19	1.067	0.996	-0.07	-6.60%	10.07%
30	20	1.068	1.006	-0.06	-5.80%	8.85%
30	21	1.067	0.996	-0.07	-6.60%	10.07%
31	22	1.037	1.032	-0.01	-0.49%	0.73%
31	23	1.039	1.040	0.00	0.08%	0.12%
31	24	1.039	1.037	0.00	-0.16%	0.24%
31	25	1.038	1.036	0.00	-0.25%	0.36%
31	26	1.066	1.033	-0.03	-3.11%	4.73%
31	27	1.067	1.037	-0.03	-2.79%	4.25%
31	28	1.068	1.040	-0.03	-2.62%	4.00%
31	29	1.067	1.036	-0.03	-2.94%	4.49%
50	30	1.041	0.601	-0.44	-42.26%	62.83%
50	31	1.040	0.601	-0.44	-42.21%	62.70%
50	32	1.041	0.601	-0.44	-42.26%	62.83%
50	33	1.040	0.601	-0.44	-42.21%	62.70%
50	34	1.067	0.601	-0.47	-43.69%	66.59%
Max		1.068	1.070	0.00	2.52%	
Average		1.049	0.971	-0.08	-7.43%	12.42%
Min		1.037	0.601	-0.44	-43.69%	0.12%
Std Dev		0.012	0.158	0.15	15.02%	21.73%



VIH_3V		0	10	20	30	31	50
Test Site	SLAB						
Tester	ETS88B						
Test Number	EQ774000						
Units	V						
Max Limit	1.45						
Min Limit	0.75						
LL		0.75	0.75	0.75	0.75	0.75	0.75
Min		1.06	1.06	1.04	0.99	1.03	0.60
Average		1.07	1.06	1.04	1.00	1.04	0.60
Max		1.07	1.07	1.04	1.01	1.04	0.60
UL		1.45	1.45	1.45	1.45	1.45	1.45

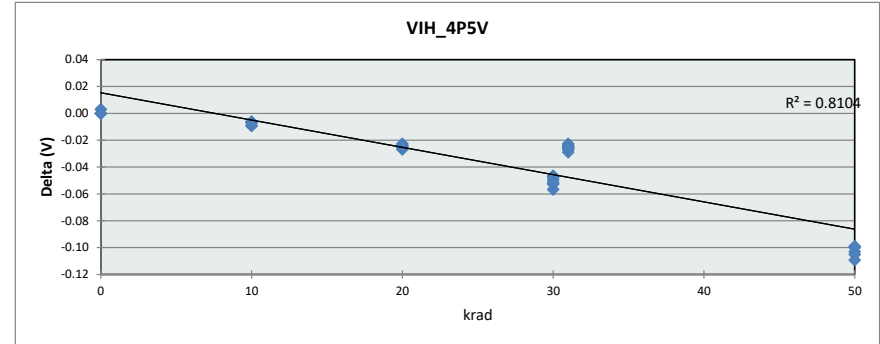


TID Report SN54SC2T74-SEP

VIH_4P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	2
Min Limit	0.85

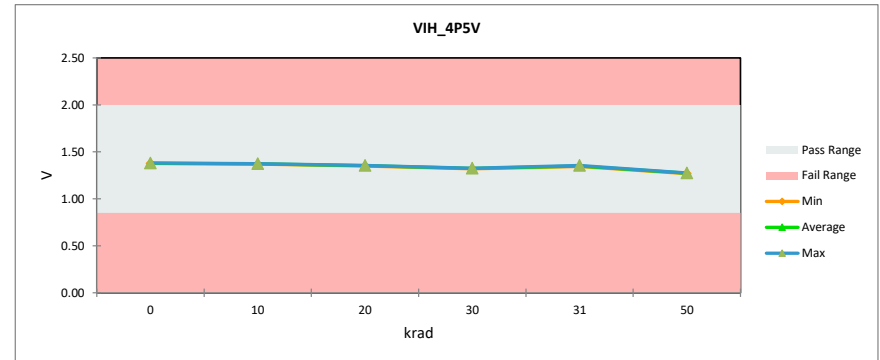
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.378	1.378	0.00	0.00%	0.00%
0	2	1.373	1.376	0.00	0.23%	0.27%
0	3	1.381	1.381	0.00	0.00%	0.00%
10	4	1.379	1.372	-0.01	-0.52%	0.63%
10	5	1.382	1.373	-0.01	-0.67%	0.81%
10	6	1.378	1.369	-0.01	-0.67%	0.81%
10	7	1.379	1.373	-0.01	-0.45%	0.54%
10	8	1.376	1.370	-0.01	-0.45%	0.54%
20	9	1.382	1.356	-0.03	-1.94%	2.33%
20	10	1.377	1.355	-0.02	-1.65%	1.97%
20	11	1.376	1.353	-0.02	-1.72%	2.06%
20	12	1.379	1.354	-0.03	-1.87%	2.24%
20	13	1.374	1.349	-0.02	-1.80%	2.15%
30	14	1.373	1.326	-0.05	-3.45%	4.12%
30	15	1.370	1.324	-0.05	-3.39%	4.03%
30	16	1.373	1.324	-0.05	-3.60%	4.30%
30	17	1.372	1.325	-0.05	-3.46%	4.12%
30	18	1.377	1.325	-0.05	-3.82%	4.57%
30	19	1.376	1.320	-0.06	-4.12%	4.93%
30	20	1.376	1.325	-0.05	-3.75%	4.48%
30	21	1.375	1.323	-0.05	-3.82%	4.57%
31	22	1.373	1.348	-0.02	-1.80%	2.15%
31	23	1.370	1.345	-0.02	-1.81%	2.15%
31	24	1.373	1.346	-0.03	-1.95%	2.33%
31	25	1.372	1.346	-0.03	-1.88%	2.24%
31	26	1.377	1.355	-0.02	-1.65%	1.97%
31	27	1.376	1.347	-0.03	-2.10%	2.51%
31	28	1.376	1.353	-0.02	-1.72%	2.06%
31	29	1.375	1.349	-0.03	-1.87%	2.24%
50	30	1.375	1.275	-0.10	-7.27%	8.70%
50	31	1.377	1.274	-0.10	-7.49%	8.96%
50	32	1.374	1.275	-0.10	-7.20%	8.61%
50	33	1.376	1.271	-0.11	-7.64%	9.14%
50	34	1.377	1.268	-0.11	-7.93%	9.50%
	Max	1.382	1.381	0.00	0.23%	9.50%
	Average	1.376	1.338	-0.04	-2.74%	3.30%
	Min	1.370	1.268	-0.10	-7.93%	0.00%
	Std Dev	0.003	0.033	0.03	2.34%	2.78%



VIH_4P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	2
Min Limit	0.85

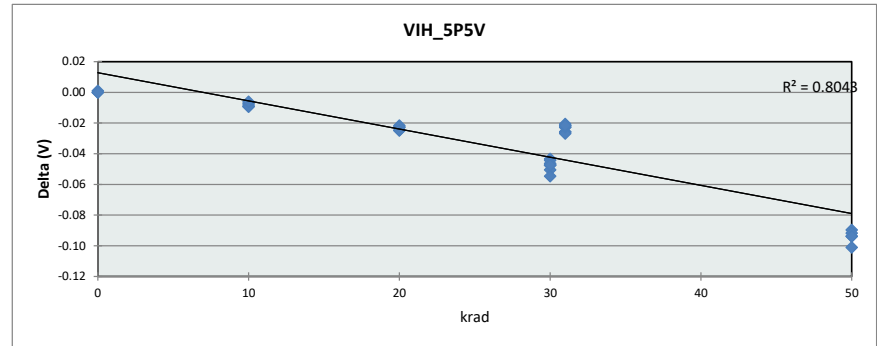
krad	0	10	20	30	31	50
LL	0.85	0.85	0.85	0.85	0.85	0.85
Min	1.38	1.37	1.35	1.32	1.35	1.27
Average	1.38	1.37	1.35	1.32	1.35	1.27
Max	1.38	1.37	1.36	1.33	1.35	1.28
UL	2.00	2.00	2.00	2.00	2.00	2.00



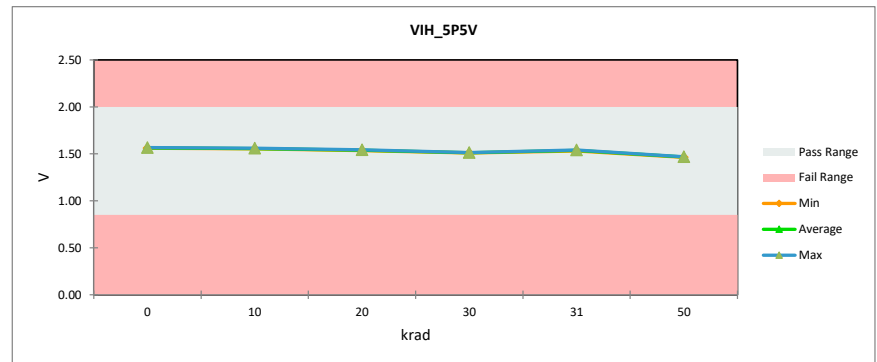
TID Report SN54SC2T74-SEP

VIH_5P5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	2
Min Limit	0.85

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.563	1.563	0.00	0.00%	0.00%
0	2	1.559	1.560	0.00	0.07%	0.09%
0	3	1.567	1.567	0.00	0.00%	0.00%
10	4	1.564	1.557	-0.01	-0.46%	0.63%
10	5	1.568	1.560	-0.01	-0.53%	0.72%
10	6	1.564	1.555	-0.01	-0.59%	0.81%
10	7	1.566	1.557	-0.01	-0.59%	0.81%
10	8	1.561	1.555	-0.01	-0.40%	0.54%
20	9	1.567	1.542	-0.02	-1.58%	2.15%
20	10	1.564	1.541	-0.02	-1.45%	1.97%
20	11	1.561	1.539	-0.02	-1.39%	1.88%
20	12	1.564	1.541	-0.02	-1.45%	1.97%
20	13	1.559	1.534	-0.02	-1.59%	2.15%
30	14	1.558	1.514	-0.04	-2.78%	3.77%
30	15	1.557	1.509	-0.05	-3.05%	4.12%
30	16	1.557	1.512	-0.04	-2.85%	3.85%
30	17	1.558	1.511	-0.05	-2.98%	4.03%
30	18	1.563	1.512	-0.05	-3.23%	4.39%
30	19	1.564	1.509	-0.05	-3.49%	4.75%
30	20	1.561	1.513	-0.05	-3.04%	4.12%
30	21	1.560	1.512	-0.05	-3.04%	4.12%
31	22	1.558	1.537	-0.02	-1.32%	1.79%
31	23	1.557	1.531	-0.03	-1.66%	2.24%
31	24	1.557	1.534	-0.02	-1.46%	1.97%
31	25	1.558	1.532	-0.03	-1.65%	2.24%
31	26	1.563	1.541	-0.02	-1.39%	1.88%
31	27	1.564	1.537	-0.03	-1.71%	2.33%
31	28	1.561	1.538	-0.02	-1.45%	1.97%
31	29	1.560	1.538	-0.02	-1.39%	1.88%
50	30	1.559	1.469	-0.09	-5.75%	7.80%
50	31	1.562	1.468	-0.09	-6.01%	8.16%
50	32	1.559	1.467	-0.09	-5.89%	7.98%
50	33	1.561	1.467	-0.09	-6.01%	8.16%
50	34	1.564	1.463	-0.10	-6.46%	8.79%
Max		1.568	1.567	0.00	0.07%	0.00%
Average		1.561	1.526	-0.04	-2.25%	3.06%
Min		1.557	1.463	-0.09	-6.46%	0.00%
Std Dev		0.003	0.030	0.03	1.87%	2.53%



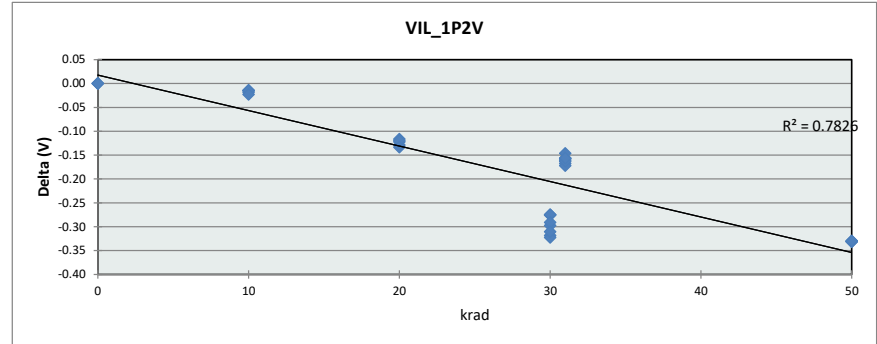
VIH_5P5V		0	10	20	30	31	50
Test Site	SLAB						
Tester	ETS88B						
Test Number	EQ774000						
Units	V						
Max Limit	2						
Min Limit	0.85						
LL		0.85	0.85	0.85	0.85	0.85	0.85
Min		1.56	1.55	1.53	1.51	1.53	1.46
Average		1.56	1.56	1.54	1.51	1.54	1.47
Max		1.57	1.56	1.54	1.51	1.54	1.47
UL		2.00	2.00	2.00	2.00	2.00	2.00



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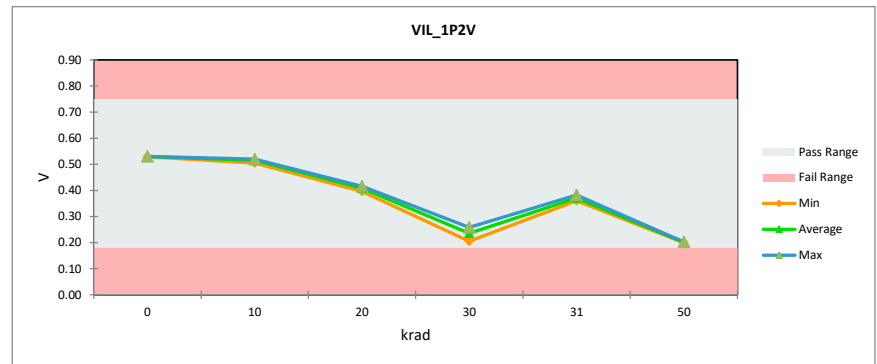
VIL_1P2V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.75
Min Limit	0.18

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.529	0.529	0.00	0.00%	0.00%
0	2	0.530	0.530	0.00	0.13%	0.12%
0	3	0.530	0.530	0.00	0.00%	0.00%
10	4	0.534	0.520	-0.01	-2.63%	2.46%
10	5	0.532	0.514	-0.02	-3.38%	3.16%
10	6	0.534	0.519	-0.01	-2.75%	2.57%
10	7	0.532	0.518	-0.01	-2.76%	2.57%
10	8	0.528	0.505	-0.02	-4.30%	3.98%
20	9	0.532	0.409	-0.12	-22.97%	21.42%
20	10	0.534	0.405	-0.13	-24.13%	22.59%
20	11	0.532	0.415	-0.12	-21.84%	20.36%
20	12	0.533	0.413	-0.12	-22.41%	20.95%
20	13	0.530	0.396	-0.13	-25.20%	23.41%
30	14	0.534	0.258	-0.28	-51.64%	48.34%
30	15	0.535	0.237	-0.30	-55.62%	52.20%
30	16	0.533	0.258	-0.27	-51.58%	48.22%
30	17	0.532	0.214	-0.32	-59.79%	55.83%
30	18	0.527	0.205	-0.32	-61.15%	56.53%
30	19	0.528	0.254	-0.27	-51.96%	48.15%
30	20	0.528	0.237	-0.29	-55.06%	51.03%
30	21	0.529	0.219	-0.31	-58.65%	54.42%
31	22	0.534	0.377	-0.16	-29.38%	27.50%
31	23	0.535	0.367	-0.17	-31.30%	29.38%
31	24	0.533	0.375	-0.16	-29.54%	27.62%
31	25	0.532	0.360	-0.17	-32.34%	30.20%
31	26	0.527	0.367	-0.16	-30.39%	28.09%
31	27	0.528	0.365	-0.16	-30.82%	28.56%
31	28	0.528	0.382	-0.15	-27.66%	25.63%
31	29	0.529	0.373	-0.16	-29.52%	27.39%
50	30	0.532	0.201	-0.33	-62.17%	58.05%
50	31	0.531	0.199	-0.33	-62.45%	58.17%
50	32	0.533	0.203	-0.33	-61.97%	57.93%
50	33	0.531	0.201	-0.33	-62.20%	57.93%
50	34	0.529	0.199	-0.33	-62.31%	57.82%
	Max	0.535	0.530	0.00	0.13%	58.17%
	Average	0.531	0.355	-0.18	-33.23%	30.96%
	Min	0.527	0.199	-0.33	-62.45%	0.00%
	Std Dev	0.002	0.120	0.12	22.54%	20.98%



VIL_1P2V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.75
Min Limit	0.18

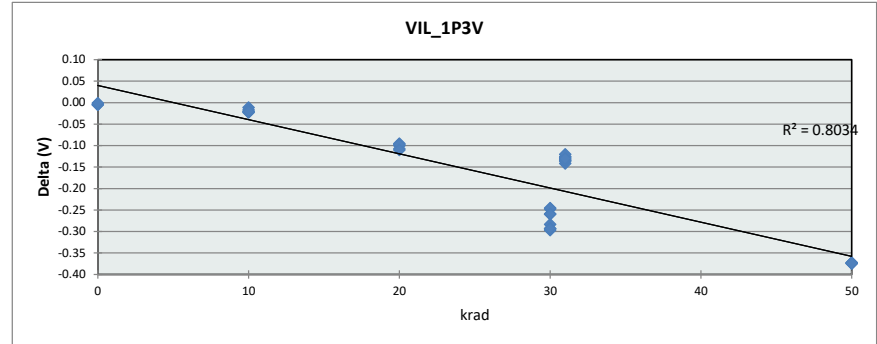
krad	0	10	20	30	31	50
LL	0.18	0.18	0.18	0.18	0.18	0.18
Min	0.53	0.50	0.40	0.20	0.36	0.20
Average	0.53	0.52	0.41	0.24	0.37	0.20
Max	0.53	0.52	0.42	0.26	0.38	0.20
UL	0.75	0.75	0.75	0.75	0.75	0.75



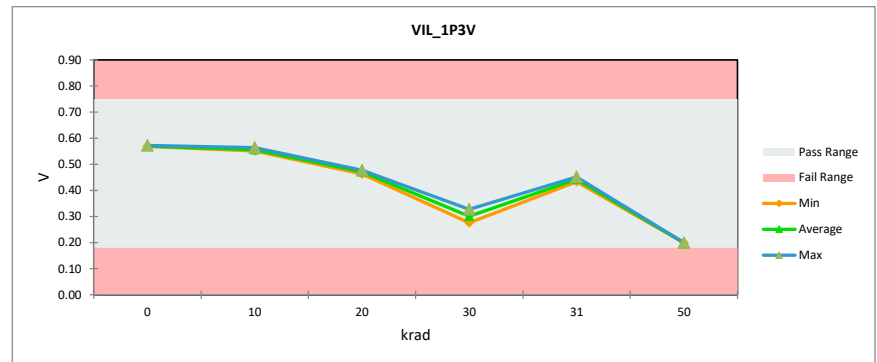
TID Report SN54SC2T74-SEP

VIL_1P3V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.75
Min Limit	0.18

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.573	0.568	0.00	-0.82%	0.82%
0	2	0.573	0.568	0.00	-0.82%	0.82%
0	3	0.574	0.572	0.00	-0.23%	0.23%
10	4	0.574	0.553	-0.02	-3.72%	3.75%
10	5	0.574	0.551	-0.02	-3.95%	3.98%
10	6	0.575	0.564	-0.01	-1.97%	1.99%
10	7	0.574	0.558	-0.02	-2.90%	2.93%
10	8	0.572	0.551	-0.02	-3.62%	3.63%
20	9	0.572	0.472	-0.10	-17.51%	17.56%
20	10	0.576	0.468	-0.11	-18.66%	18.84%
20	11	0.573	0.478	-0.10	-16.65%	16.74%
20	12	0.574	0.477	-0.10	-16.96%	17.09%
20	13	0.573	0.463	-0.11	-19.21%	19.31%
30	14	0.575	0.327	-0.25	-43.05%	43.42%
30	15	0.576	0.317	-0.26	-45.03%	45.53%
30	16	0.573	0.327	-0.25	-42.85%	43.07%
30	17	0.574	0.291	-0.28	-49.37%	49.74%
30	18	0.571	0.278	-0.29	-51.30%	51.38%
30	19	0.572	0.275	-0.30	-51.88%	52.08%
30	20	0.572	0.312	-0.26	-45.40%	45.53%
30	21	0.574	0.280	-0.29	-51.17%	51.50%
31	22	0.575	0.449	-0.13	-21.93%	22.12%
31	23	0.576	0.441	-0.14	-23.50%	23.76%
31	24	0.573	0.447	-0.13	-22.01%	22.12%
31	25	0.574	0.433	-0.14	-24.63%	24.81%
31	26	0.571	0.438	-0.13	-23.25%	23.29%
31	27	0.572	0.437	-0.14	-23.67%	23.76%
31	28	0.572	0.452	-0.12	-21.01%	21.07%
31	29	0.574	0.443	-0.13	-22.68%	22.82%
50	30	0.574	0.200	-0.37	-65.13%	65.54%
50	31	0.572	0.200	-0.37	-65.05%	65.31%
50	32	0.574	0.200	-0.37	-65.17%	65.66%
50	33	0.572	0.199	-0.37	-65.17%	65.42%
50	34	0.574	0.199	-0.37	-65.25%	65.66%
	Max	0.576	0.572	0.00	-0.23%	65.66%
	Average	0.573	0.406	-0.17	-29.28%	29.45%
	Min	0.571	0.199	-0.37	-65.25%	0.23%
	Std Dev	0.001	0.127	0.13	22.06%	22.18%



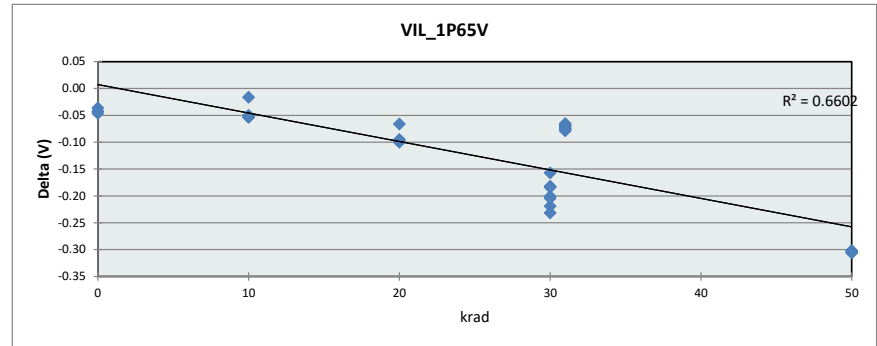
VIL_1P3V		0	10	20	30	31	50
Test Site	SLAB						
Tester	ETS88B						
Test Number	EQ774000						
Units	V						
Max Limit	0.75						
Min Limit	0.18						
LL		0.18	0.18	0.18	0.18	0.18	0.18
Min		0.57	0.55	0.46	0.28	0.43	0.20
Average		0.57	0.56	0.47	0.30	0.44	0.20
Max		0.57	0.56	0.48	0.33	0.45	0.20
UL		0.75	0.75	0.75	0.75	0.75	0.75



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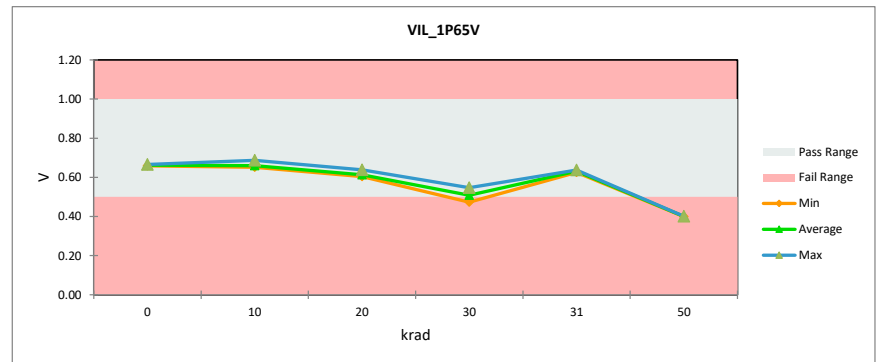
VIL_1P65V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1
Min Limit	0.5

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.702	0.666	-0.04	-5.14%	7.20%
0	2	0.704	0.662	-0.04	-5.97%	8.41%
0	3	0.705	0.659	-0.05	-6.53%	9.21%
10	4	0.706	0.655	-0.05	-7.19%	10.14%
10	5	0.705	0.655	-0.05	-7.10%	10.01%
10	6	0.706	0.652	-0.05	-7.56%	10.67%
10	7	0.705	0.652	-0.05	-7.57%	10.67%
10	8	0.703	0.687	-0.02	-2.28%	3.20%
20	9	0.704	0.603	-0.10	-14.22%	20.01%
20	10	0.704	0.607	-0.10	-13.75%	19.35%
20	11	0.705	0.607	-0.10	-13.82%	19.48%
20	12	0.706	0.611	-0.09	-13.43%	18.95%
20	13	0.705	0.639	-0.07	-9.37%	13.21%
30	14	0.702	0.501	-0.20	-28.60%	40.16%
30	15	0.704	0.485	-0.22	-31.07%	43.76%
30	16	0.703	0.499	-0.20	-29.04%	40.83%
30	17	0.704	0.473	-0.23	-32.87%	46.30%
30	18	0.702	0.519	-0.18	-25.96%	36.42%
30	19	0.704	0.520	-0.18	-26.08%	36.69%
30	20	0.704	0.547	-0.16	-22.26%	31.35%
30	21	0.705	0.521	-0.18	-26.03%	36.69%
31	22	0.702	0.637	-0.07	-9.31%	13.08%
31	23	0.704	0.633	-0.07	-10.04%	14.14%
31	24	0.703	0.636	-0.07	-9.49%	13.34%
31	25	0.704	0.627	-0.08	-10.99%	15.48%
31	26	0.702	0.627	-0.07	-10.56%	14.81%
31	27	0.704	0.625	-0.08	-11.19%	15.74%
31	28	0.704	0.635	-0.07	-9.76%	13.74%
31	29	0.705	0.631	-0.07	-10.51%	14.81%
50	30	0.704	0.401	-0.30	-42.95%	60.44%
50	31	0.704	0.400	-0.30	-43.20%	60.84%
50	32	0.702	0.400	-0.30	-43.04%	60.44%
50	33	0.703	0.401	-0.30	-43.00%	60.44%
50	34	0.706	0.399	-0.31	-43.40%	61.24%
Max		0.706	0.687	-0.02	-2.28%	61.24%
Average		0.704	0.573	-0.13	-18.63%	26.21%
Min		0.702	0.399	-0.30	-43.40%	3.20%
Std Dev		0.001	0.093	0.09	13.20%	18.58%



VIL_1P65V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1
Min Limit	0.5

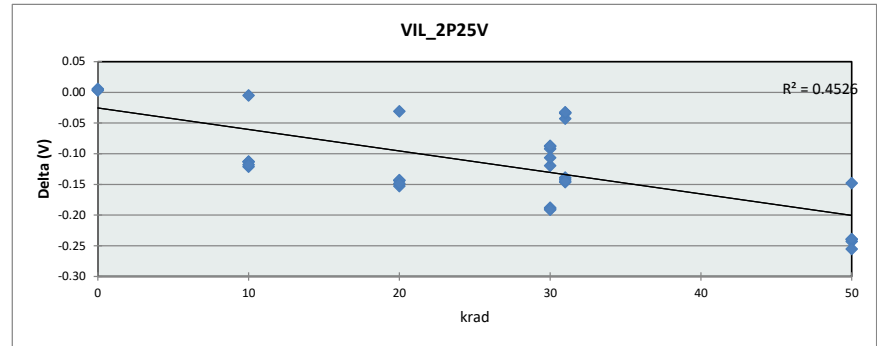
krad	0	10	20	30	31	50
LL	0.50	0.50	0.50	0.50	0.50	0.50
Min	0.66	0.65	0.60	0.47	0.62	0.40
Average	0.66	0.66	0.61	0.51	0.63	0.40
Max	0.67	0.69	0.64	0.55	0.64	0.40
UL	1.00	1.00	1.00	1.00	1.00	1.00



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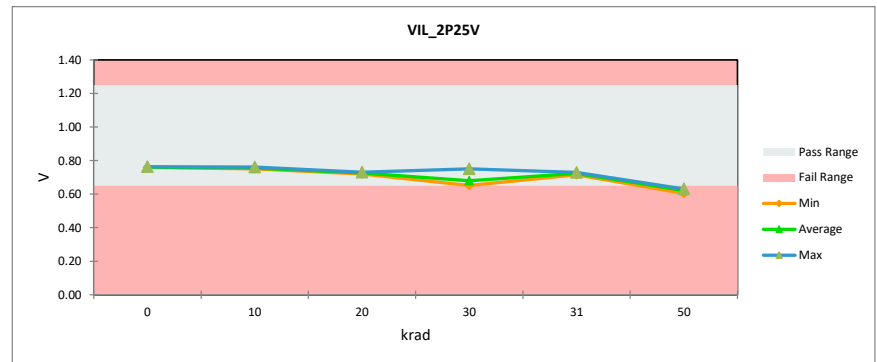
VIL_2P25V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.25
Min Limit	0.65

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.755	0.761	0.01	0.75%	0.94%
0	2	0.755	0.759	0.00	0.53%	0.67%
0	3	0.760	0.763	0.00	0.42%	0.54%
10	4	0.871	0.758	-0.11	-12.97%	18.83%
10	5	0.874	0.761	-0.11	-12.93%	18.83%
10	6	0.871	0.750	-0.12	-13.90%	20.18%
10	7	0.875	0.757	-0.12	-13.48%	19.64%
10	8	0.756	0.751	0.00	-0.64%	0.81%
20	9	0.873	0.720	-0.15	-17.48%	25.43%
20	10	0.871	0.727	-0.14	-16.51%	23.95%
20	11	0.873	0.730	-0.14	-16.37%	23.81%
20	12	0.875	0.726	-0.15	-16.98%	24.75%
20	13	0.755	0.724	-0.03	-4.06%	5.11%
30	14	0.866	0.678	-0.19	-21.71%	31.35%
30	15	0.871	0.751	-0.12	-13.72%	19.91%
30	16	0.873	0.683	-0.19	-21.73%	31.62%
30	17	0.872	0.681	-0.19	-21.94%	31.88%
30	18	0.756	0.664	-0.09	-12.17%	15.34%
30	19	0.757	0.651	-0.11	-14.07%	17.76%
30	20	0.754	0.666	-0.09	-11.66%	14.66%
30	21	0.753	0.665	-0.09	-11.58%	14.53%
31	22	0.866	0.728	-0.14	-16.02%	23.14%
31	23	0.871	0.729	-0.14	-16.23%	23.54%
31	24	0.873	0.727	-0.15	-16.74%	24.35%
31	25	0.872	0.728	-0.14	-16.57%	24.08%
31	26	0.756	0.723	-0.03	-4.38%	5.52%
31	27	0.757	0.715	-0.04	-5.65%	7.13%
31	28	0.754	0.720	-0.03	-4.49%	5.65%
31	29	0.753	0.720	-0.03	-4.29%	5.38%
50	30	0.871	0.631	-0.24	-27.54%	39.96%
50	31	0.871	0.628	-0.24	-27.89%	40.49%
50	32	0.869	0.630	-0.24	-27.50%	39.82%
50	33	0.870	0.615	-0.26	-29.33%	42.51%
50	34	0.752	0.604	-0.15	-19.65%	24.62%
	Max	0.875	0.763	-0.11	0.75%	42.51%
	Average	0.824	0.707	-0.12	-13.78%	19.61%
	Min	0.752	0.604	-0.15	-29.33%	0.54%
	Std Dev	0.058	0.047	-0.01	8.42%	12.15%



VIL_2P25V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.25
Min Limit	0.65

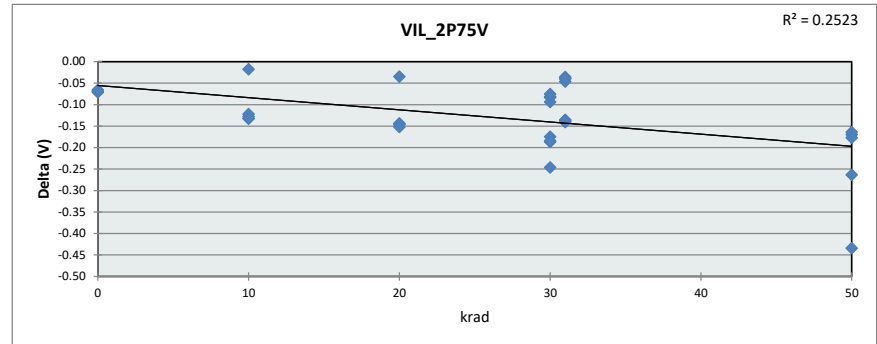
	0	10	20	30	31	50
LL	0.65	0.65	0.65	0.65	0.65	0.65
Min	0.76	0.75	0.72	0.65	0.71	0.60
Average	0.76	0.76	0.73	0.68	0.72	0.62
Max	0.76	0.76	0.73	0.75	0.73	0.63
UL	1.25	1.25	1.25	1.25	1.25	1.25



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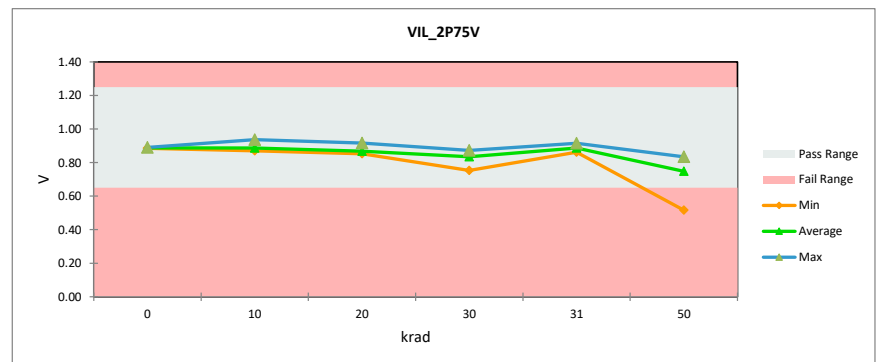
VIL_2P75V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.25
Min Limit	0.65

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.958	0.887	-0.07	-7.41%	11.84%
0	2	0.954	0.885	-0.07	-7.19%	11.44%
0	3	0.956	0.891	-0.07	-6.84%	10.90%
10	4	1.001	0.874	-0.13	-12.74%	21.26%
10	5	1.003	0.871	-0.13	-13.20%	22.06%
10	6	1.001	0.879	-0.12	-12.17%	20.31%
10	7	1.004	0.872	-0.13	-13.11%	21.93%
10	8	0.954	0.937	-0.02	-1.86%	2.96%
20	9	1.004	0.858	-0.15	-14.56%	24.35%
20	10	1.000	0.854	-0.15	-14.53%	24.22%
20	11	1.001	0.858	-0.14	-14.35%	23.95%
20	12	1.005	0.853	-0.15	-15.11%	25.29%
20	13	0.951	0.917	-0.03	-3.65%	5.78%
30	14	0.997	0.823	-0.17	-17.48%	29.06%
30	15	1.000	0.753	-0.25	-24.63%	41.03%
30	16	1.004	0.817	-0.19	-18.58%	31.08%
30	17	1.002	0.818	-0.18	-18.37%	30.67%
30	18	0.953	0.870	-0.08	-8.73%	13.86%
30	19	0.953	0.859	-0.09	-9.83%	15.61%
30	20	0.950	0.869	-0.08	-8.58%	13.59%
30	21	0.947	0.872	-0.08	-7.93%	12.51%
31	22	0.997	0.862	-0.14	-13.60%	22.60%
31	23	1.000	0.864	-0.14	-13.57%	22.60%
31	24	1.004	0.863	-0.14	-13.99%	23.41%
31	25	1.002	0.862	-0.14	-13.94%	23.27%
31	26	0.953	0.913	-0.04	-4.15%	6.59%
31	27	0.953	0.907	-0.05	-4.83%	7.67%
31	28	0.950	0.915	-0.04	-3.74%	5.92%
31	29	0.947	0.908	-0.04	-4.09%	6.46%
50	30	0.998	0.735	-0.26	-26.37%	43.86%
50	31	1.001	0.832	-0.17	-16.93%	28.25%
50	32	0.998	0.834	-0.16	-16.42%	27.31%
50	33	0.999	0.822	-0.18	-17.70%	29.46%
50	34	0.950	0.516	-0.43	-45.69%	72.38%
	Max	1.005	0.937	-0.07	-1.86%	72.38%
	Average	0.981	0.851	-0.13	-13.11%	21.57%
	Min	0.947	0.516	-0.43	-45.69%	2.96%
	Std Dev	0.025	0.073	0.05	8.21%	13.38%



VIL_2P75V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.25
Min Limit	0.65

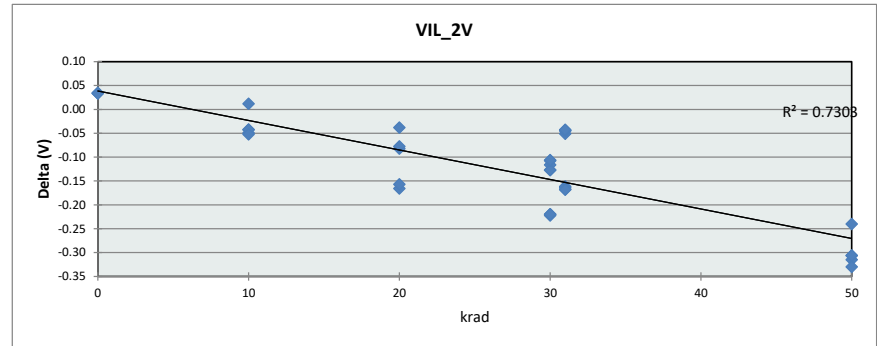
krad	0	10	20	30	31	50
LL	0.65	0.65	0.65	0.65	0.65	0.65
Min	0.89	0.87	0.85	0.75	0.86	0.52
Average	0.89	0.89	0.87	0.84	0.89	0.75
Max	0.89	0.94	0.92	0.87	0.91	0.83
UL	1.25	1.25	1.25	1.25	1.25	1.25



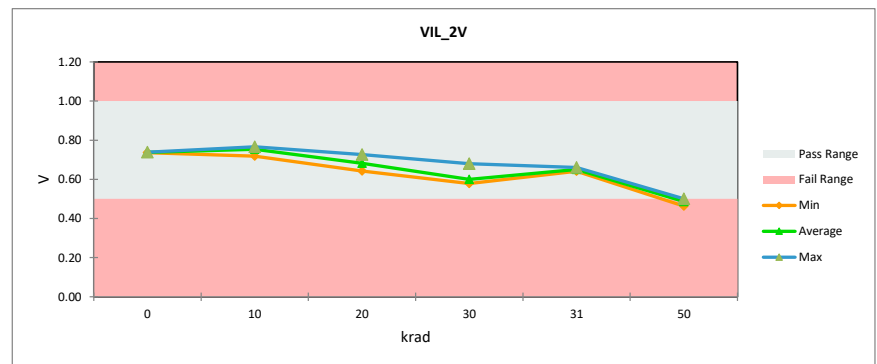
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VIL_2V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1
Min Limit	0.5

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.704	0.739	0.03	4.93%	6.94%
0	2	0.702	0.736	0.03	4.85%	6.80%
0	3	0.706	0.739	0.03	4.73%	6.67%
10	4	0.807	0.764	-0.04	-5.29%	8.54%
10	5	0.810	0.761	-0.05	-6.09%	9.87%
10	6	0.808	0.766	-0.04	-5.20%	8.41%
10	7	0.811	0.759	-0.05	-6.42%	10.41%
10	8	0.706	0.718	0.01	1.70%	2.40%
20	9	0.808	0.642	-0.17	-20.49%	33.09%
20	10	0.807	0.650	-0.16	-19.43%	31.35%
20	11	0.809	0.727	-0.08	-10.14%	16.41%
20	12	0.802	0.725	-0.08	-9.65%	15.48%
20	13	0.706	0.668	-0.04	-5.39%	7.61%
30	14	0.804	0.582	-0.22	-27.62%	44.43%
30	15	0.806	0.680	-0.13	-15.72%	25.35%
30	16	0.809	0.589	-0.22	-27.13%	43.90%
30	17	0.810	0.590	-0.22	-27.11%	43.90%
30	18	0.706	0.589	-0.12	-16.45%	23.22%
30	19	0.706	0.579	-0.13	-17.97%	25.35%
30	20	0.703	0.595	-0.11	-15.28%	21.48%
30	21	0.702	0.595	-0.11	-15.12%	21.21%
31	22	0.804	0.643	-0.16	-20.07%	32.29%
31	23	0.806	0.642	-0.16	-20.35%	32.82%
31	24	0.809	0.641	-0.17	-20.70%	33.49%
31	25	0.810	0.641	-0.17	-20.76%	33.62%
31	26	0.706	0.661	-0.04	-6.34%	8.94%
31	27	0.706	0.655	-0.05	-7.19%	10.14%
31	28	0.703	0.659	-0.04	-6.26%	8.81%
31	29	0.702	0.659	-0.04	-6.09%	8.54%
50	30	0.807	0.501	-0.31	-37.95%	61.24%
50	31	0.808	0.493	-0.31	-38.96%	62.98%
50	32	0.805	0.499	-0.31	-38.04%	61.24%
50	33	0.807	0.477	-0.33	-40.84%	65.91%
50	34	0.704	0.463	-0.24	-34.14%	48.03%
	Max	0.811	0.766	-0.04	4.93%	65.91%
	Average	0.765	0.642	-0.12	-15.65%	25.91%
	Min	0.702	0.463	-0.24	-40.84%	2.40%
	Std Dev	0.052	0.087	0.04	12.94%	18.83%



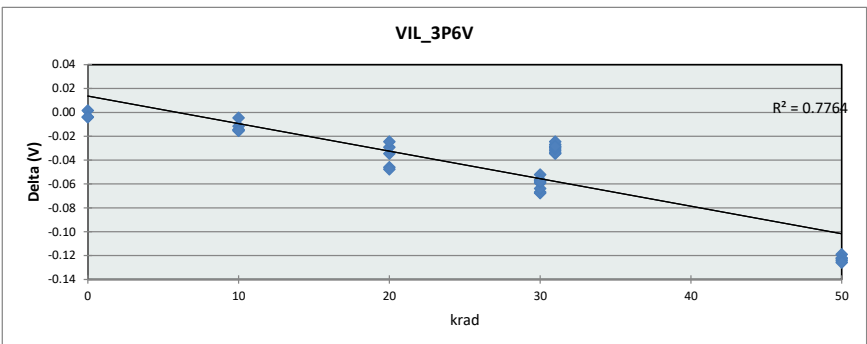
VIL_2V		0	10	20	30	31	50
Test Site	SLAB						
Tester	ETS88B						
Test Number	EQ774000						
Units	V						
Max Limit	1						
Min Limit	0.5						
LL		0.50	0.50	0.50	0.50	0.50	0.50
Min		0.74	0.72	0.64	0.58	0.64	0.46
Average		0.74	0.75	0.68	0.60	0.65	0.49
Max		0.74	0.77	0.73	0.68	0.66	0.50
UL		1.00	1.00	1.00	1.00	1.00	1.00



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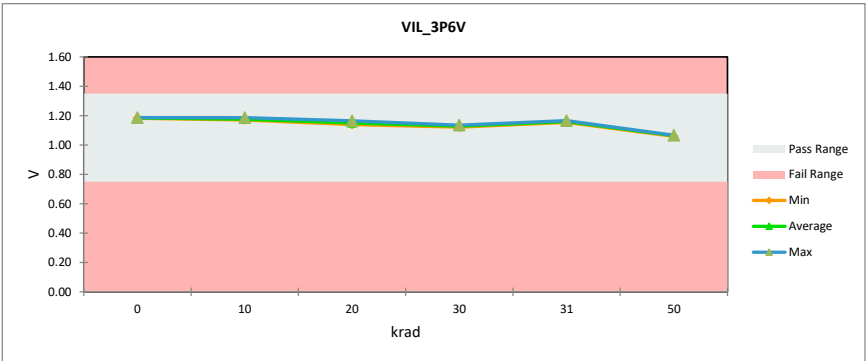
VIL_3P6V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.35
Min Limit	0.75

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.185	1.187	0.00	0.13%	0.26%
0	2	1.186	1.182	0.00	-0.32%	0.64%
0	3	1.188	1.184	0.00	-0.32%	0.64%
10	4	1.186	1.171	-0.01	-1.23%	2.43%
10	5	1.187	1.176	-0.01	-0.97%	1.92%
10	6	1.185	1.171	-0.01	-1.23%	2.43%
10	7	1.189	1.174	-0.02	-1.29%	2.56%
10	8	1.190	1.186	0.00	-0.39%	0.77%
20	9	1.186	1.140	-0.05	-3.88%	7.67%
20	10	1.187	1.139	-0.05	-4.01%	7.93%
20	11	1.185	1.151	-0.03	-2.91%	5.75%
20	12	1.183	1.154	-0.03	-2.46%	4.86%
20	13	1.189	1.164	-0.02	-2.06%	4.09%
30	14	1.190	1.122	-0.07	-5.67%	11.25%
30	15	1.187	1.134	-0.05	-4.40%	8.69%
30	16	1.181	1.122	-0.06	-5.00%	9.85%
30	17	1.188	1.121	-0.07	-5.62%	11.12%
30	18	1.191	1.134	-0.06	-4.77%	9.46%
30	19	1.192	1.128	-0.06	-5.34%	10.61%
30	20	1.191	1.134	-0.06	-4.77%	9.46%
30	21	1.190	1.132	-0.06	-4.90%	9.72%
31	22	1.190	1.155	-0.03	-2.90%	5.75%
31	23	1.187	1.154	-0.03	-2.72%	5.37%
31	24	1.181	1.154	-0.03	-2.27%	4.48%
31	25	1.188	1.154	-0.03	-2.84%	5.63%
31	26	1.191	1.167	-0.02	-2.06%	4.09%
31	27	1.192	1.161	-0.03	-2.57%	5.11%
31	28	1.191	1.162	-0.03	-2.45%	4.86%
31	29	1.190	1.162	-0.03	-2.38%	4.73%
50	30	1.181	1.059	-0.12	-10.39%	20.46%
50	31	1.185	1.066	-0.12	-10.03%	19.82%
50	32	1.185	1.063	-0.12	-10.29%	20.33%
50	33	1.190	1.065	-0.12	-10.45%	20.71%
50	34	1.190	1.065	-0.13	-10.57%	20.97%
Max		1.192	1.187	-0.01	0.13%	20.97%
Average		1.188	1.141	-0.05	-3.92%	7.78%
Min		1.181	1.059	-0.12	-10.57%	0.26%
Std Dev		0.003	0.038	0.03	3.14%	6.20%



VIL_3P6V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.35
Min Limit	0.75

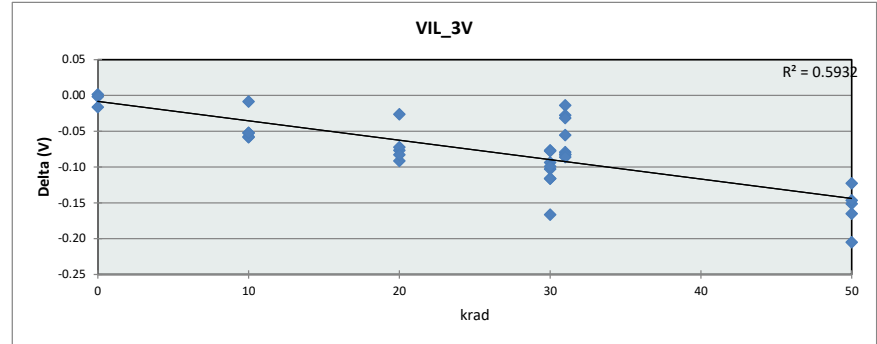
krad	0	10	20	30	31	50
LL	0.75	0.75	0.75	0.75	0.75	0.75
Min	1.18	1.17	1.14	1.12	1.15	1.06
Average	1.18	1.18	1.15	1.13	1.16	1.06
Max	1.19	1.19	1.16	1.13	1.17	1.07
UL	1.35	1.35	1.35	1.35	1.35	1.35



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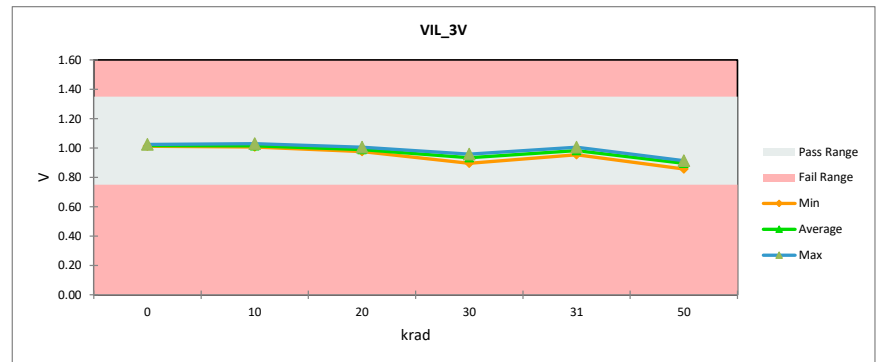
VIL_3V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.35
Min Limit	0.75

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.022	1.024	0.00	0.15%	0.26%
0	2	1.016	1.015	0.00	-0.15%	0.26%
0	3	1.028	1.012	-0.02	-1.57%	2.69%
10	4	1.065	1.006	-0.06	-5.48%	9.72%
10	5	1.066	1.014	-0.05	-4.89%	8.69%
10	6	1.064	1.006	-0.06	-5.41%	9.59%
10	7	1.066	1.014	-0.05	-4.89%	8.69%
10	8	1.038	1.029	-0.01	-0.81%	1.41%
20	9	1.067	0.976	-0.09	-8.56%	15.22%
20	10	1.063	0.986	-0.08	-7.22%	12.79%
20	11	1.065	0.993	-0.07	-6.77%	12.02%
20	12	1.067	0.984	-0.08	-7.77%	13.81%
20	13	1.032	1.006	-0.03	-2.53%	4.35%
30	14	1.060	0.957	-0.10	-9.70%	17.13%
30	15	1.062	0.895	-0.17	-15.68%	27.75%
30	16	1.062	0.946	-0.12	-10.90%	19.31%
30	17	1.065	0.949	-0.12	-10.88%	19.31%
30	18	1.019	0.943	-0.08	-7.53%	12.79%
30	19	1.009	0.916	-0.09	-9.27%	15.60%
30	20	1.019	0.920	-0.10	-9.71%	16.49%
30	21	1.017	0.940	-0.08	-7.62%	12.91%
31	22	1.060	0.981	-0.08	-7.45%	13.17%
31	23	1.062	0.979	-0.08	-7.80%	13.81%
31	24	1.062	0.980	-0.08	-7.73%	13.68%
31	25	1.065	0.979	-0.09	-8.07%	14.32%
31	26	1.019	1.006	-0.01	-1.35%	2.30%
31	27	1.009	0.954	-0.06	-5.47%	9.21%
31	28	1.019	0.992	-0.03	-2.71%	4.60%
31	29	1.017	0.986	-0.03	-3.09%	5.24%
50	30	1.061	0.910	-0.15	-14.25%	25.19%
50	31	1.065	0.900	-0.16	-15.49%	27.49%
50	32	1.060	0.914	-0.15	-13.82%	24.42%
50	33	1.062	0.857	-0.20	-19.30%	34.14%
50	34	1.021	0.898	-0.12	-12.02%	20.46%
Max		1.067	1.029	-0.04	0.15%	34.14%
Average		1.046	0.967	-0.08	-7.52%	13.20%
Min		1.009	0.857	-0.15	-19.30%	0.26%
Std Dev		0.022	0.044	0.02	4.73%	8.33%



VIL_3V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.35
Min Limit	0.75

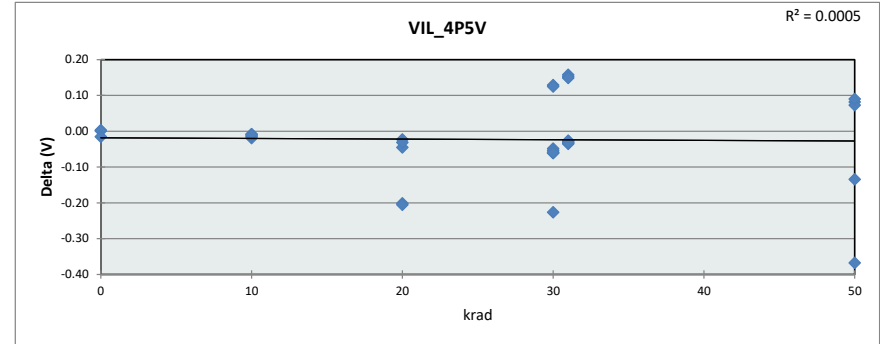
krad	0	10	20	30	31	50
LL	0.75	0.75	0.75	0.75	0.75	0.75
Min	1.01	1.01	0.98	0.90	0.95	0.86
Average	1.02	1.01	0.99	0.93	0.98	0.90
Max	1.02	1.03	1.01	0.96	1.01	0.91
UL	1.35	1.35	1.35	1.35	1.35	1.35



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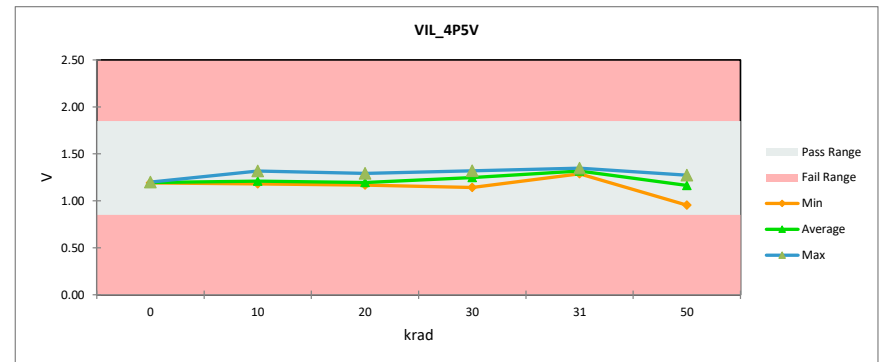
VIL_4P5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.85
Min Limit	0.85

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.196	1.199	0.00	0.25%	0.30%
0	2	1.196	1.197	0.00	0.08%	0.10%
0	3	1.205	1.190	-0.02	-1.25%	1.50%
10	4	1.199	1.180	-0.02	-1.59%	1.90%
10	5	1.195	1.183	-0.01	-1.00%	1.20%
10	6	1.201	1.186	-0.02	-1.25%	1.50%
10	7	1.192	1.184	-0.01	-0.67%	0.80%
10	8	1.325	1.316	-0.01	-0.68%	0.90%
20	9	1.377	1.176	-0.20	-14.60%	20.11%
20	10	1.213	1.168	-0.05	-3.71%	4.50%
20	11	1.190	1.167	-0.02	-1.93%	2.30%
20	12	1.373	1.168	-0.21	-14.94%	20.51%
20	13	1.322	1.291	-0.03	-2.35%	3.10%
30	14	1.189	1.141	-0.05	-4.04%	4.80%
30	15	1.190	1.319	0.13	10.84%	12.91%
30	16	1.368	1.142	-0.23	-16.53%	22.62%
30	17	1.194	1.319	0.13	10.47%	12.51%
30	18	1.326	1.265	-0.06	-4.60%	6.10%
30	19	1.319	1.261	-0.06	-4.40%	5.80%
30	20	1.321	1.268	-0.05	-4.01%	5.30%
30	21	1.322	1.262	-0.06	-4.54%	6.00%
31	22	1.189	1.347	0.16	13.29%	15.81%
31	23	1.190	1.343	0.15	12.86%	15.31%
31	24	1.368	1.342	-0.03	-1.90%	2.60%
31	25	1.194	1.343	0.15	12.48%	14.91%
31	26	1.326	1.291	-0.04	-2.64%	3.50%
31	27	1.319	1.287	-0.03	-2.43%	3.20%
31	28	1.321	1.293	-0.03	-2.12%	2.80%
31	29	1.322	1.290	-0.03	-2.42%	3.20%
50	30	1.190	1.272	0.08	6.89%	8.21%
50	31	1.197	1.270	0.07	6.10%	7.30%
50	32	1.179	1.269	0.09	7.64%	9.01%
50	33	1.187	1.053	-0.13	-11.29%	13.41%
50	34	1.321	0.954	-0.37	-27.79%	36.72%
Max		1.377	1.347	-0.03	13.29%	36.72%
Average		1.257	1.234	-0.02	-1.52%	7.96%
Min		1.179	0.954	-0.23	-27.79%	0.10%
Std Dev		0.073	0.088	0.01	8.79%	8.15%



VIL_4P5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.85
Min Limit	0.85

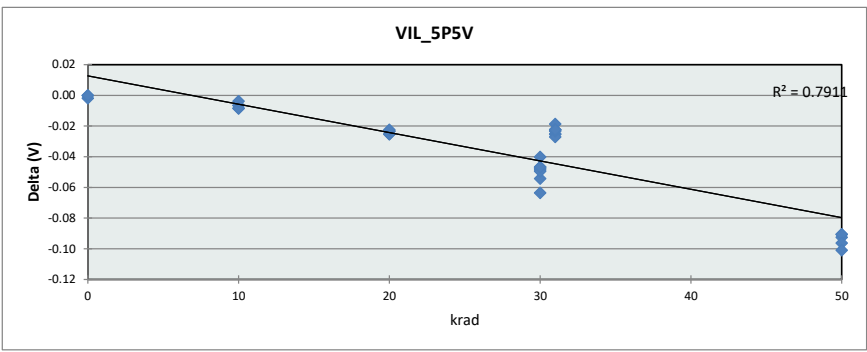
krad	0	10	20	30	31	50
LL	0.85	0.85	0.85	0.85	0.85	0.85
Min	1.19	1.18	1.17	1.14	1.29	0.95
Average	1.20	1.21	1.19	1.25	1.32	1.16
Max	1.20	1.32	1.29	1.32	1.35	1.27
UL	1.85	1.85	1.85	1.85	1.85	1.85



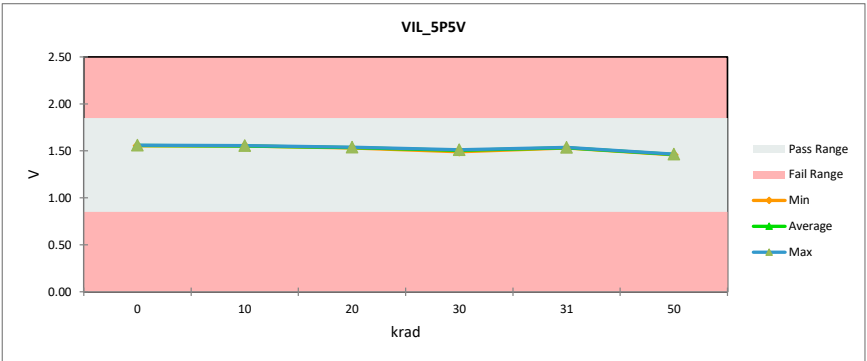
TID Report SN54SC2T74-SEP

VIL_5P5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.85
Min Limit	0.85

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.559	1.558	0.00	-0.12%	0.19%
0	2	1.554	1.554	0.00	0.00%	0.00%
0	3	1.560	1.560	0.00	0.00%	0.00%
10	4	1.558	1.552	-0.01	-0.42%	0.65%
10	5	1.562	1.556	-0.01	-0.42%	0.65%
10	6	1.559	1.551	-0.01	-0.54%	0.84%
10	7	1.560	1.552	-0.01	-0.54%	0.84%
10	8	1.555	1.551	0.00	-0.24%	0.37%
20	9	1.562	1.539	-0.02	-1.49%	2.33%
20	10	1.561	1.538	-0.02	-1.50%	2.33%
20	11	1.558	1.533	-0.03	-1.62%	2.52%
20	12	1.561	1.536	-0.03	-1.62%	2.52%
20	13	1.552	1.529	-0.02	-1.44%	2.24%
30	14	1.551	1.511	-0.04	-2.59%	4.02%
30	15	1.555	1.491	-0.06	-4.08%	6.35%
30	16	1.555	1.507	-0.05	-3.06%	4.76%
30	17	1.555	1.508	-0.05	-3.00%	4.67%
30	18	1.558	1.510	-0.05	-3.12%	4.86%
30	19	1.557	1.502	-0.05	-3.48%	5.42%
30	20	1.558	1.508	-0.05	-3.18%	4.95%
30	21	1.555	1.508	-0.05	-3.00%	4.67%
31	22	1.551	1.532	-0.02	-1.20%	1.87%
31	23	1.555	1.532	-0.02	-1.44%	2.24%
31	24	1.555	1.529	-0.03	-1.62%	2.52%
31	25	1.555	1.529	-0.03	-1.62%	2.52%
31	26	1.558	1.536	-0.02	-1.44%	2.24%
31	27	1.557	1.529	-0.03	-1.74%	2.71%
31	28	1.558	1.534	-0.02	-1.50%	2.33%
31	29	1.555	1.532	-0.02	-1.44%	2.24%
50	30	1.555	1.464	-0.09	-5.83%	9.06%
50	31	1.558	1.465	-0.09	-5.94%	9.25%
50	32	1.553	1.462	-0.09	-5.83%	9.06%
50	33	1.556	1.459	-0.10	-6.18%	9.62%
50	34	1.558	1.458	-0.10	-6.47%	10.09%
Max		1.562	1.560	0.00	0.00%	0.00%
Average		1.557	1.521	-0.04	-2.29%	3.56%
Min		1.551	1.458	-0.09	-6.47%	10.09%
Std Dev		0.003	0.031	0.03	1.90%	2.96%



VIL_5P5V		0	10	20	30	31	50
Test Site	SLAB						
Tester	ETS88B						
Test Number	EQ774000						
Units	V						
Max Limit	1.85						
Min Limit	0.85						
LL		0.85	0.85	0.85	0.85	0.85	0.85
Min		1.55	1.55	1.53	1.49	1.53	1.46
Average		1.56	1.55	1.54	1.51	1.53	1.46
Max		1.56	1.56	1.54	1.51	1.54	1.47
UL		1.85	1.85	1.85	1.85	1.85	1.85

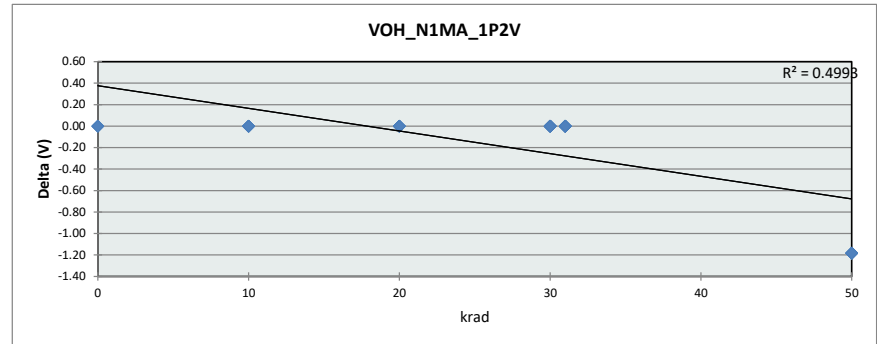


TID Report SN54SC2T74-SEP

VOH_N1MA_1P2V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.3
Min Limit	0.8

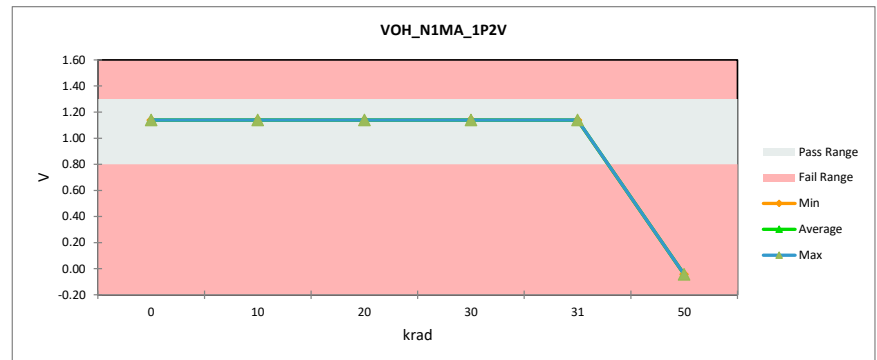
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.139	1.138	0.00	-0.10%	0.22%
0	2	1.139	1.139	0.00	-0.02%	0.04%
0	3	1.139	1.139	0.00	-0.05%	0.11%
10	4	1.139	1.139	0.00	-0.05%	0.13%
10	5	1.139	1.139	0.00	-0.06%	0.13%
10	6	1.139	1.139	0.00	-0.05%	0.11%
10	7	1.139	1.138	0.00	-0.09%	0.19%
10	8	1.140	1.139	0.00	-0.05%	0.12%
20	9	1.139	1.139	0.00	-0.05%	0.12%
20	10	1.139	1.139	0.00	-0.01%	0.03%
20	11	1.139	1.139	0.00	-0.06%	0.13%
20	12	1.139	1.138	0.00	-0.06%	0.15%
20	13	1.139	1.139	0.00	-0.05%	0.11%
30	14	1.140	1.139	0.00	-0.07%	0.16%
30	15	1.140	1.139	0.00	-0.05%	0.11%
30	16	1.139	1.139	0.00	-0.03%	0.08%
30	17	1.140	1.139	0.00	-0.04%	0.09%
30	18	1.139	1.138	0.00	-0.07%	0.15%
30	19	1.139	1.138	0.00	-0.07%	0.15%
30	20	1.139	1.139	0.00	-0.05%	0.11%
30	21	1.139	1.139	0.00	-0.05%	0.12%
31	22	1.140	1.139	0.00	-0.04%	0.09%
31	23	1.140	1.139	0.00	-0.07%	0.16%
31	24	1.139	1.139	0.00	-0.05%	0.13%
31	25	1.140	1.139	0.00	-0.03%	0.08%
31	26	1.139	1.139	0.00	-0.05%	0.12%
31	27	1.139	1.139	0.00	-0.05%	0.11%
31	28	1.139	1.138	0.00	-0.07%	0.16%
31	29	1.139	1.139	0.00	-0.05%	0.12%
50	30	1.139	-0.044	-1.18	-103.86%	236.62%
50	31	1.139	-0.044	-1.18	-103.82%	236.57%
50	32	1.139	-0.043	-1.18	-103.81%	236.51%
50	33	1.139	-0.044	-1.18	-103.82%	236.61%
50	34	1.139	-0.044	-1.18	-103.82%	236.58%
	Max	1.140	1.139	0.00	-0.01%	236.62%
	Average	1.139	0.965	-0.17	-15.31%	34.89%
	Min	1.139	-0.044	-1.18	-103.86%	0.03%
	Std Dev	0.000	0.425	0.42	37.31%	85.00%



VOH_N1MA_1P2V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.3
Min Limit	0.8

krad	0	10	20	30	31	50
LL	0.80	0.80	0.80	0.80	0.80	0.80
Min	1.14	1.14	1.14	1.14	1.14	-0.04
Average	1.14	1.14	1.14	1.14	1.14	-0.04
Max	1.14	1.14	1.14	1.14	1.14	-0.04
UL	1.30	1.30	1.30	1.30	1.30	1.30

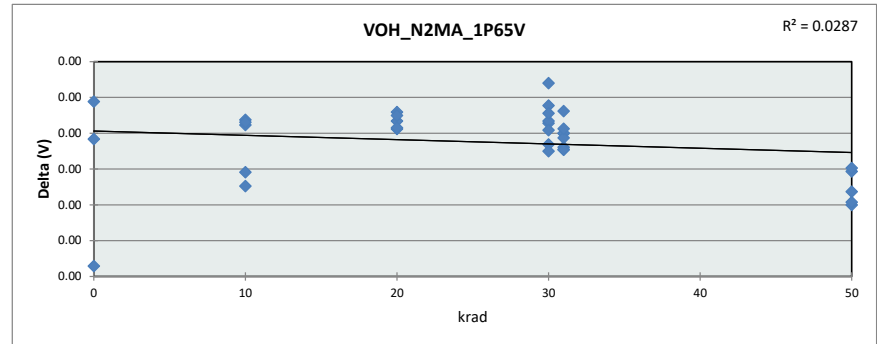


TID Report SN54SC2T74-SEP

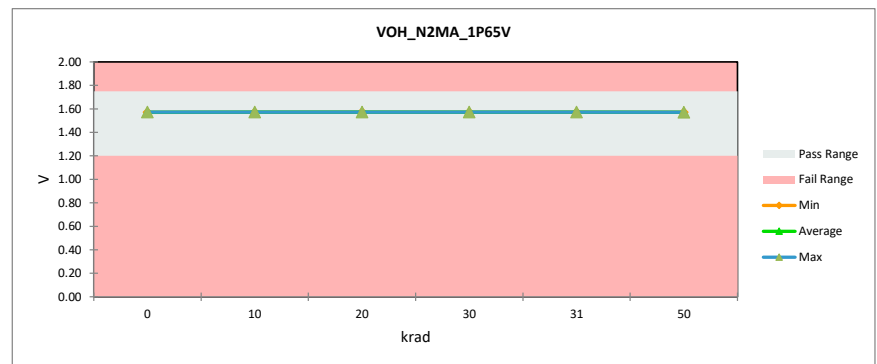
VOH_N2MA_1P65V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.75
Min Limit	1.2

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.572	1.570	0.00	-0.15%	0.43%
0	2	1.572	1.572	0.00	0.00%	0.01%
0	3	1.572	1.572	0.00	-0.04%	0.11%
10	4	1.572	1.572	0.00	-0.02%	0.07%
10	5	1.572	1.572	0.00	-0.02%	0.06%
10	6	1.572	1.572	0.00	-0.02%	0.06%
10	7	1.572	1.571	0.00	-0.08%	0.22%
10	8	1.573	1.572	0.00	-0.07%	0.19%
20	9	1.572	1.572	0.00	-0.02%	0.06%
20	10	1.572	1.572	0.00	-0.01%	0.04%
20	11	1.572	1.572	0.00	-0.02%	0.05%
20	12	1.572	1.572	0.00	-0.03%	0.08%
20	13	1.572	1.572	0.00	-0.03%	0.08%
30	14	1.572	1.572	0.00	-0.01%	0.02%
30	15	1.573	1.572	0.00	-0.02%	0.07%
30	16	1.572	1.572	0.00	-0.02%	0.06%
30	17	1.573	1.572	0.00	-0.01%	0.04%
30	18	1.572	1.572	0.00	-0.04%	0.12%
30	19	1.572	1.571	0.00	-0.03%	0.08%
30	20	1.572	1.572	0.00	0.01%	0.04%
30	21	1.572	1.571	0.00	-0.05%	0.14%
31	22	1.572	1.572	0.00	-0.01%	0.03%
31	23	1.573	1.572	0.00	-0.03%	0.09%
31	24	1.572	1.572	0.00	-0.03%	0.09%
31	25	1.573	1.572	0.00	-0.04%	0.10%
31	26	1.572	1.572	0.00	-0.05%	0.13%
31	27	1.572	1.571	0.00	-0.03%	0.08%
31	28	1.572	1.571	0.00	-0.04%	0.13%
31	29	1.572	1.571	0.00	-0.05%	0.13%
50	30	1.572	1.571	0.00	-0.07%	0.19%
50	31	1.572	1.571	0.00	-0.08%	0.24%
50	32	1.572	1.571	0.00	-0.10%	0.27%
50	33	1.572	1.571	0.00	-0.06%	0.18%
50	34	1.572	1.571	0.00	-0.09%	0.27%
	Max	1.573	1.572	0.00	0.01%	0.43%
	Average	1.572	1.572	0.00	-0.04%	0.12%
	Min	1.572	1.570	0.00	-0.15%	0.01%
	Std Dev	0.000	0.000	0.00	0.03%	0.09%



krad	0	10	20	30	31	50
LL	1.20	1.20	1.20	1.20	1.20	1.20
Min	1.57	1.57	1.57	1.57	1.57	1.57
Average	1.57	1.57	1.57	1.57	1.57	1.57
Max	1.57	1.57	1.57	1.57	1.57	1.57
UL	1.75	1.75	1.75	1.75	1.75	1.75

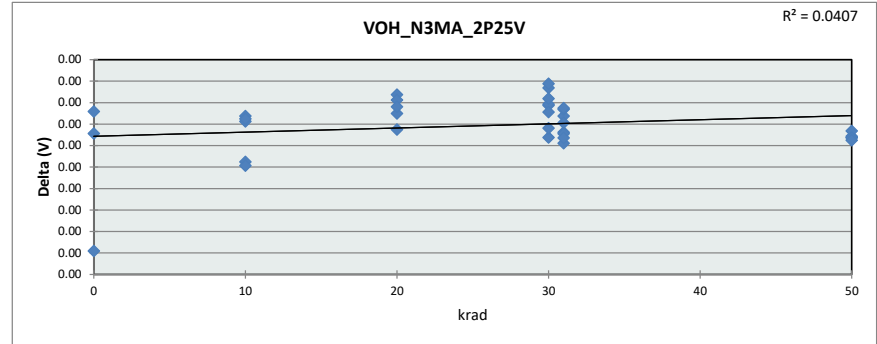


TID Report SN54SC2T74-SEP

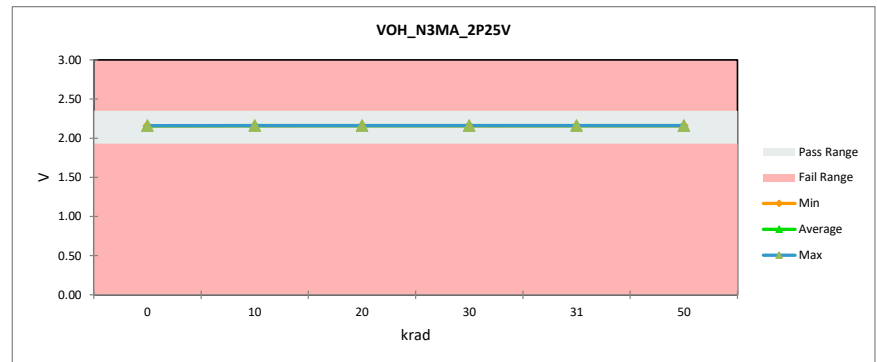
VOH_N3MA_2P25V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	2.35
Min Limit	1.93

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.161	2.158	0.00	-0.16%	0.82%
0	2	2.160	2.160	0.00	-0.01%	0.05%
0	3	2.161	2.160	0.00	-0.03%	0.17%
10	4	2.161	2.161	0.00	-0.02%	0.10%
10	5	2.161	2.161	0.00	-0.01%	0.07%
10	6	2.161	2.161	0.00	-0.02%	0.09%
10	7	2.161	2.160	0.00	-0.06%	0.33%
10	8	2.161	2.159	0.00	-0.07%	0.35%
20	9	2.161	2.161	0.00	0.01%	0.04%
20	10	2.161	2.161	0.00	0.00%	0.01%
20	11	2.161	2.161	0.00	-0.01%	0.06%
20	12	2.161	2.161	0.00	0.00%	0.02%
20	13	2.161	2.160	0.00	-0.03%	0.15%
30	14	2.161	2.161	0.00	0.00%	0.01%
30	15	2.161	2.161	0.00	0.00%	0.01%
30	16	2.161	2.161	0.00	0.02%	0.08%
30	17	2.161	2.161	0.00	0.00%	0.02%
30	18	2.161	2.160	0.00	-0.04%	0.19%
30	19	2.160	2.160	0.00	-0.01%	0.05%
30	20	2.160	2.160	0.00	0.02%	0.10%
30	21	2.160	2.160	0.00	-0.03%	0.14%
31	22	2.161	2.161	0.00	-0.01%	0.07%
31	23	2.161	2.161	0.00	-0.03%	0.16%
31	24	2.161	2.160	0.00	-0.01%	0.04%
31	25	2.161	2.161	0.00	-0.02%	0.11%
31	26	2.161	2.160	0.00	-0.03%	0.17%
31	27	2.160	2.160	0.00	-0.01%	0.03%
31	28	2.160	2.159	0.00	-0.04%	0.22%
31	29	2.160	2.160	0.00	-0.04%	0.19%
50	30	2.161	2.160	0.00	-0.04%	0.19%
50	31	2.161	2.160	0.00	-0.04%	0.19%
50	32	2.161	2.160	0.00	-0.03%	0.16%
50	33	2.161	2.160	0.00	-0.04%	0.19%
50	34	2.160	2.159	0.00	-0.04%	0.21%
	Max	2.161	2.161	0.00	0.02%	0.82%
	Average	2.161	2.160	0.00	-0.02%	0.14%
	Min	2.160	2.158	0.00	-0.16%	0.01%
	Std Dev	0.000	0.001	0.00	0.03%	0.15%



		VOH_N3MA_2P25V					
Test Site		SLAB					
Tester		ETS88B					
Test Number		EQ774000					
Units		V					
Max Limit		2.35					
Min Limit		1.93					
krad		0	10	20	30	31	50
LL		1.93	1.93	1.93	1.93	1.93	1.93
Min		2.16	2.16	2.16	2.16	2.16	2.16
Average		2.16	2.16	2.16	2.16	2.16	2.16
Max		2.16	2.16	2.16	2.16	2.16	2.16
UL		2.35	2.35	2.35	2.35	2.35	2.35

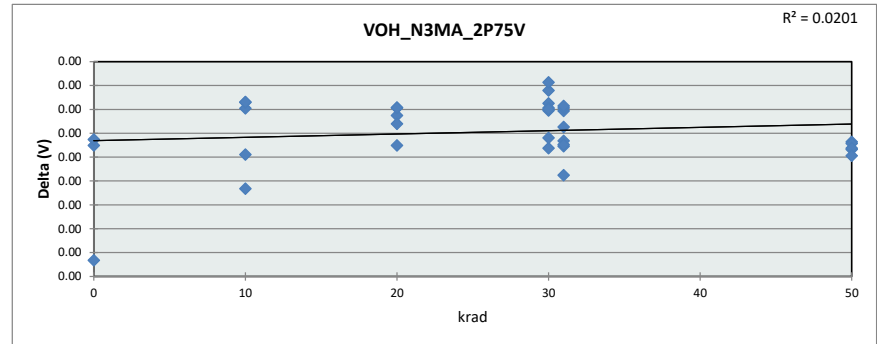


TID Report SN54SC2T74-SEP

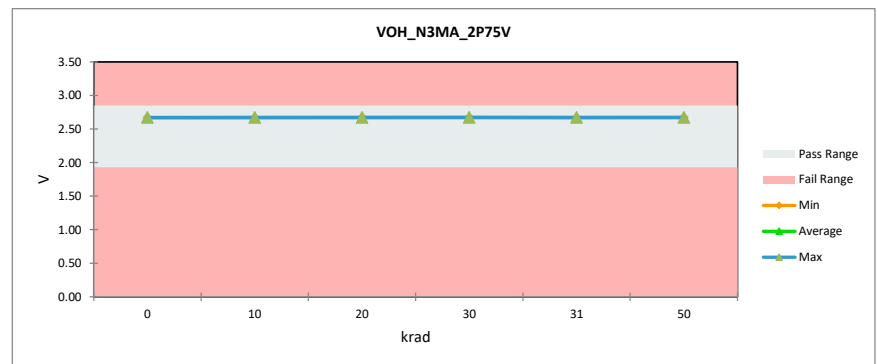
VOH_N3MA_2P75V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	2.85
Min Limit	1.93

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.672	2.669	0.00	-0.12%	0.34%
0	2	2.672	2.671	0.00	-0.03%	0.08%
0	3	2.672	2.671	0.00	-0.02%	0.07%
10	4	2.672	2.672	0.00	0.00%	0.00%
10	5	2.672	2.672	0.00	0.01%	0.02%
10	6	2.672	2.672	0.00	0.01%	0.02%
10	7	2.672	2.671	0.00	-0.04%	0.10%
10	8	2.672	2.670	0.00	-0.06%	0.18%
20	9	2.672	2.672	0.00	0.00%	0.01%
20	10	2.672	2.672	0.00	0.00%	0.00%
20	11	2.672	2.672	0.00	0.00%	0.00%
20	12	2.672	2.672	0.00	-0.01%	0.03%
20	13	2.672	2.671	0.00	-0.03%	0.08%
30	14	2.672	2.672	0.00	0.00%	0.01%
30	15	2.672	2.672	0.00	0.00%	0.00%
30	16	2.672	2.672	0.00	0.01%	0.04%
30	17	2.672	2.672	0.00	0.00%	0.00%
30	18	2.672	2.671	0.00	-0.03%	0.09%
30	19	2.671	2.671	0.00	0.00%	0.00%
30	20	2.671	2.672	0.00	0.02%	0.06%
30	21	2.671	2.671	0.00	-0.02%	0.06%
31	22	2.672	2.672	0.00	0.00%	0.00%
31	23	2.672	2.672	0.00	-0.02%	0.07%
31	24	2.672	2.672	0.00	0.00%	0.00%
31	25	2.672	2.672	0.00	-0.01%	0.04%
31	26	2.672	2.671	0.00	-0.03%	0.08%
31	27	2.671	2.671	0.00	0.00%	0.01%
31	28	2.671	2.670	0.00	-0.05%	0.15%
31	29	2.671	2.671	0.00	-0.03%	0.08%
50	30	2.672	2.671	0.00	-0.03%	0.07%
50	31	2.672	2.671	0.00	-0.03%	0.09%
50	32	2.672	2.671	0.00	-0.03%	0.08%
50	33	2.672	2.671	0.00	-0.03%	0.09%
50	34	2.672	2.671	0.00	-0.04%	0.11%
	Max	2.672	2.672	0.00	0.02%	0.34%
	Average	2.672	2.671	0.00	-0.02%	0.06%
	Min	2.671	2.669	0.00	-0.12%	0.00%
	Std Dev	0.000	0.001	0.00	0.03%	0.07%



VOH_N3MA_2P75V		0	10	20	30	31	50
Test Site	SLAB						
Tester	ETS88B						
Test Number	EQ774000						
Units	V						
Max Limit	2.85						
Min Limit	1.93						
LL		1.93	1.93	1.93	1.93	1.93	1.93
Min		2.67	2.67	2.67	2.67	2.67	2.67
Average		2.67	2.67	2.67	2.67	2.67	2.67
Max		2.67	2.67	2.67	2.67	2.67	2.67
UL		2.85	2.85	2.85	2.85	2.85	2.85

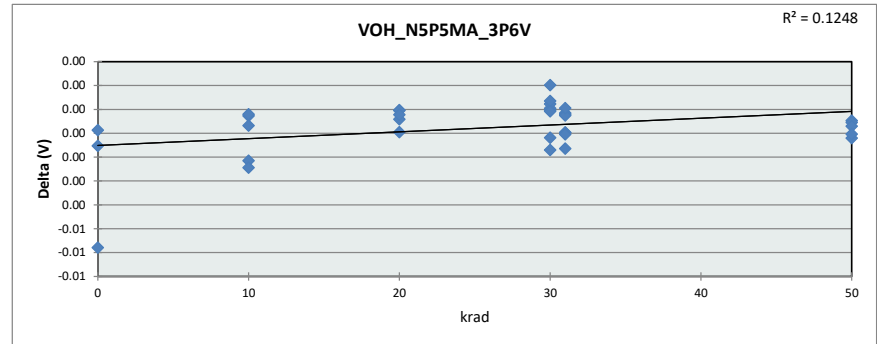


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VOH_N5P5MA_3P6V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	3.7
Min Limit	2.49

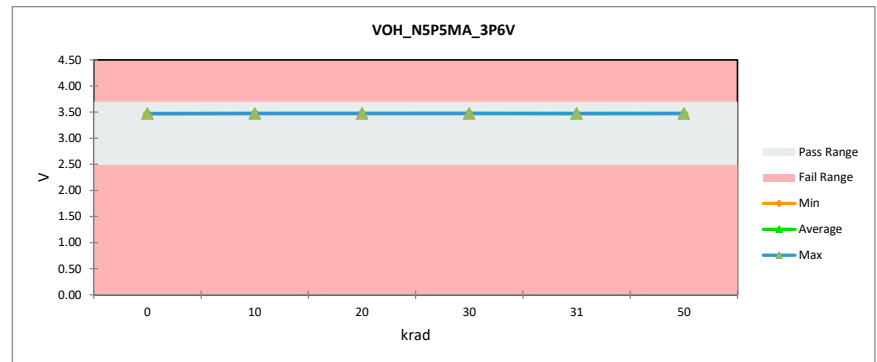
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	3.475	3.469	-0.01	-0.17%	0.48%
0	2	3.474	3.473	0.00	-0.02%	0.07%
0	3	3.475	3.473	0.00	-0.04%	0.13%
10	4	3.475	3.475	0.00	-0.01%	0.02%
10	5	3.475	3.475	0.00	-0.01%	0.02%
10	6	3.475	3.474	0.00	-0.02%	0.06%
10	7	3.475	3.473	0.00	-0.06%	0.18%
10	8	3.475	3.472	0.00	-0.07%	0.20%
20	9	3.475	3.474	0.00	-0.01%	0.03%
20	10	3.475	3.475	0.00	0.00%	0.00%
20	11	3.475	3.475	0.00	0.00%	0.00%
20	12	3.475	3.474	0.00	-0.01%	0.02%
20	13	3.474	3.473	0.00	-0.03%	0.08%
30	14	3.475	3.475	0.00	0.00%	0.00%
30	15	3.475	3.475	0.00	0.00%	0.00%
30	16	3.475	3.475	0.00	0.01%	0.02%
30	17	3.475	3.475	0.00	0.01%	0.03%
30	18	3.474	3.473	0.00	-0.05%	0.14%
30	19	3.473	3.473	0.00	0.00%	0.01%
30	20	3.473	3.474	0.00	0.03%	0.08%
30	21	3.474	3.473	0.00	-0.03%	0.10%
31	22	3.475	3.475	0.00	0.00%	0.01%
31	23	3.475	3.474	0.00	-0.03%	0.08%
31	24	3.475	3.474	0.00	-0.01%	0.02%
31	25	3.475	3.475	0.00	-0.01%	0.02%
31	26	3.474	3.473	0.00	-0.03%	0.08%
31	27	3.473	3.473	0.00	0.00%	0.00%
31	28	3.473	3.471	0.00	-0.05%	0.14%
31	29	3.474	3.473	0.00	-0.03%	0.09%
50	30	3.474	3.474	0.00	-0.01%	0.04%
50	31	3.475	3.474	0.00	-0.03%	0.10%
50	32	3.475	3.474	0.00	-0.02%	0.05%
50	33	3.475	3.475	0.00	-0.02%	0.06%
50	34	3.474	3.473	0.00	-0.03%	0.09%
	Max	3.475	3.475	0.00	0.03%	0.48%
	Average	3.474	3.474	0.00	-0.02%	0.07%
	Min	3.473	3.469	0.00	-0.17%	0.00%
	Std Dev	0.001	0.001	0.00	0.03%	0.09%



VOH_N5P5MA_3P6V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	3.7
Min Limit	2.49

krad	0	10	20	30	31	50
LL	2.49	2.49	2.49	2.49	2.49	2.49
Min	3.47	3.47	3.47	3.47	3.47	3.47
Average	3.47	3.47	3.47	3.47	3.47	3.47
Max	3.47	3.47	3.47	3.48	3.47	3.47
UL	3.70	3.70	3.70	3.70	3.70	3.70

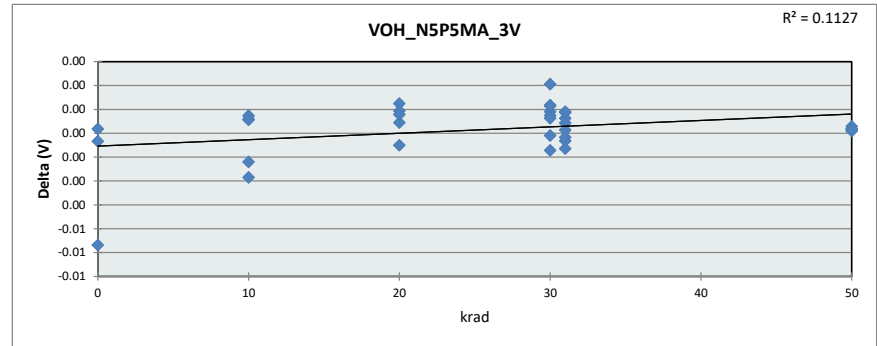


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VOH_N5P5MA_3V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	3.1
Min Limit	2.49

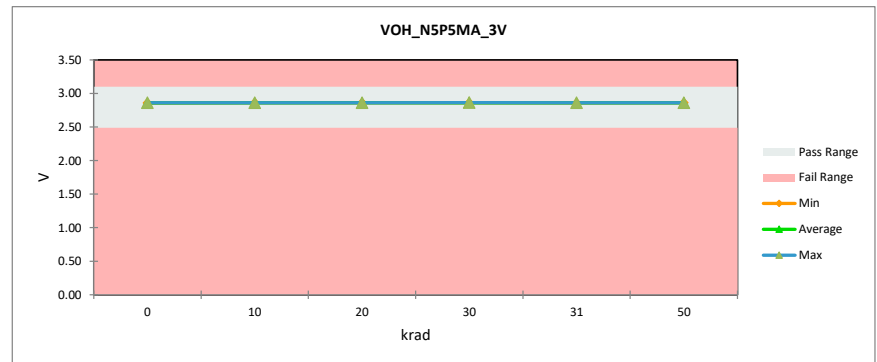
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.862	2.857	-0.01	-0.20%	0.93%
0	2	2.862	2.861	0.00	-0.03%	0.13%
0	3	2.862	2.861	0.00	-0.05%	0.22%
10	4	2.863	2.862	0.00	-0.01%	0.07%
10	5	2.863	2.863	0.00	-0.01%	0.04%
10	6	2.863	2.862	0.00	-0.02%	0.07%
10	7	2.863	2.861	0.00	-0.08%	0.36%
10	8	2.863	2.860	0.00	-0.10%	0.47%
20	9	2.863	2.862	0.00	-0.02%	0.09%
20	10	2.862	2.862	0.00	0.01%	0.04%
20	11	2.862	2.862	0.00	0.00%	0.01%
20	12	2.862	2.862	0.00	-0.01%	0.03%
20	13	2.862	2.861	0.00	-0.05%	0.25%
30	14	2.863	2.863	0.00	0.00%	0.02%
30	15	2.863	2.863	0.00	-0.01%	0.04%
30	16	2.863	2.863	0.00	0.01%	0.02%
30	17	2.863	2.863	0.00	0.01%	0.03%
30	18	2.862	2.861	0.00	-0.06%	0.28%
30	19	2.861	2.860	0.00	-0.01%	0.06%
30	20	2.861	2.862	0.00	0.04%	0.17%
30	21	2.861	2.860	0.00	-0.04%	0.18%
31	22	2.863	2.862	0.00	-0.01%	0.06%
31	23	2.863	2.862	0.00	-0.05%	0.22%
31	24	2.863	2.862	0.00	0.00%	0.02%
31	25	2.863	2.862	0.00	-0.02%	0.09%
31	26	2.862	2.861	0.00	-0.04%	0.19%
31	27	2.861	2.861	0.00	0.00%	0.02%
31	28	2.861	2.859	0.00	-0.06%	0.27%
31	29	2.861	2.861	0.00	-0.03%	0.14%
50	30	2.862	2.861	0.00	-0.03%	0.13%
50	31	2.863	2.862	0.00	-0.03%	0.15%
50	32	2.863	2.862	0.00	-0.02%	0.12%
50	33	2.863	2.862	0.00	-0.03%	0.13%
50	34	2.862	2.861	0.00	-0.03%	0.14%
	Max	2.863	2.863	0.00	0.04%	0.93%
	Average	2.862	2.861	0.00	-0.03%	0.15%
	Min	2.861	2.857	0.00	-0.20%	0.01%
	Std Dev	0.001	0.001	0.00	0.04%	0.17%



VOH_N5P5MA_3V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	3.1
Min Limit	2.49

krad	0	10	20	30	31	50
LL	2.49	2.49	2.49	2.49	2.49	2.49
Min	2.86	2.86	2.86	2.86	2.86	2.86
Average	2.86	2.86	2.86	2.86	2.86	2.86
Max	2.86	2.86	2.86	2.86	2.86	2.86
UL	3.10	3.10	3.10	3.10	3.10	3.10

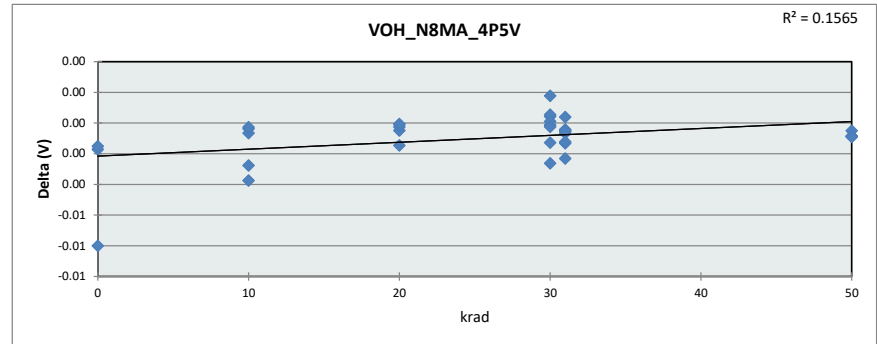


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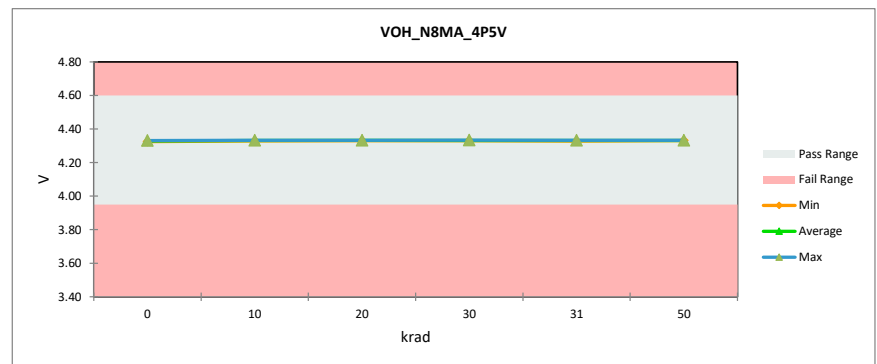
VOH_N8MA_4P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	4.6
Min Limit	3.95

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	4.333	4.325	-0.01	-0.18%	1.23%
0	2	4.332	4.330	0.00	-0.04%	0.26%
0	3	4.333	4.331	0.00	-0.03%	0.23%
10	4	4.333	4.332	0.00	-0.02%	0.10%
10	5	4.333	4.332	0.00	-0.01%	0.06%
10	6	4.333	4.333	0.00	-0.01%	0.04%
10	7	4.333	4.330	0.00	-0.06%	0.42%
10	8	4.333	4.330	0.00	-0.09%	0.58%
20	9	4.333	4.333	0.00	-0.01%	0.08%
20	10	4.333	4.333	0.00	-0.01%	0.04%
20	11	4.333	4.333	0.00	0.00%	0.01%
20	12	4.332	4.332	0.00	0.00%	0.01%
20	13	4.332	4.331	0.00	-0.03%	0.22%
30	14	4.333	4.333	0.00	0.00%	0.02%
30	15	4.333	4.334	0.00	0.01%	0.07%
30	16	4.333	4.333	0.00	0.01%	0.09%
30	17	4.333	4.333	0.00	0.00%	0.02%
30	18	4.333	4.330	0.00	-0.06%	0.40%
30	19	4.331	4.330	0.00	-0.01%	0.04%
30	20	4.330	4.332	0.00	0.04%	0.27%
30	21	4.331	4.330	0.00	-0.03%	0.20%
31	22	4.333	4.332	0.00	-0.01%	0.07%
31	23	4.333	4.332	0.00	-0.03%	0.20%
31	24	4.333	4.332	0.00	-0.01%	0.06%
31	25	4.333	4.332	0.00	-0.02%	0.10%
31	26	4.333	4.331	0.00	-0.03%	0.19%
31	27	4.331	4.331	0.00	0.01%	0.06%
31	28	4.330	4.328	0.00	-0.05%	0.36%
31	29	4.331	4.331	0.00	-0.01%	0.08%
50	30	4.332	4.331	0.00	-0.02%	0.13%
50	31	4.333	4.332	0.00	-0.02%	0.13%
50	32	4.333	4.332	0.00	-0.01%	0.08%
50	33	4.333	4.333	0.00	-0.02%	0.13%
50	34	4.332	4.331	0.00	-0.02%	0.14%
Max		4.333	4.334	0.00	0.04%	1.23%
Average		4.332	4.331	0.00	-0.02%	0.18%
Min		4.330	4.325	-0.01	-0.18%	0.01%
Std Dev		0.001	0.002	0.00	0.04%	0.23%



		VOH_N8MA_4P5V					
Test Site		SLAB					
Tester		ETS88B					
Test Number		EQ774000					
Units		V					
Max Limit		4.6					
Min Limit		3.95					
krad		0	10	20	30	31	50
LL		3.95	3.95	3.95	3.95	3.95	3.95
Min		4.32	4.33	4.33	4.33	4.33	4.33
Average		4.33	4.33	4.33	4.33	4.33	4.33
Max		4.33	4.33	4.33	4.33	4.33	4.33
UL		4.60	4.60	4.60	4.60	4.60	4.60

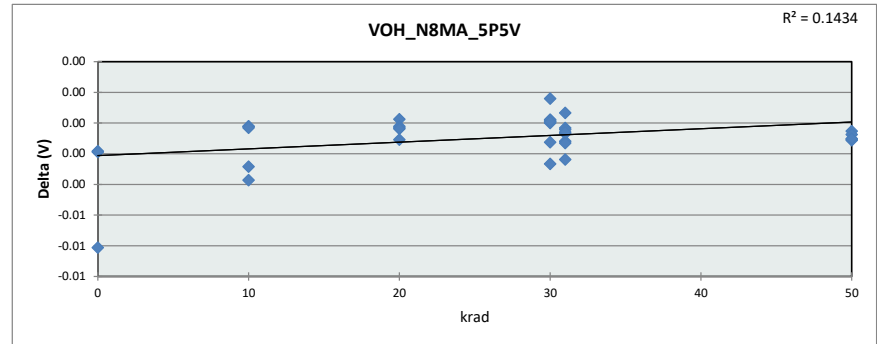


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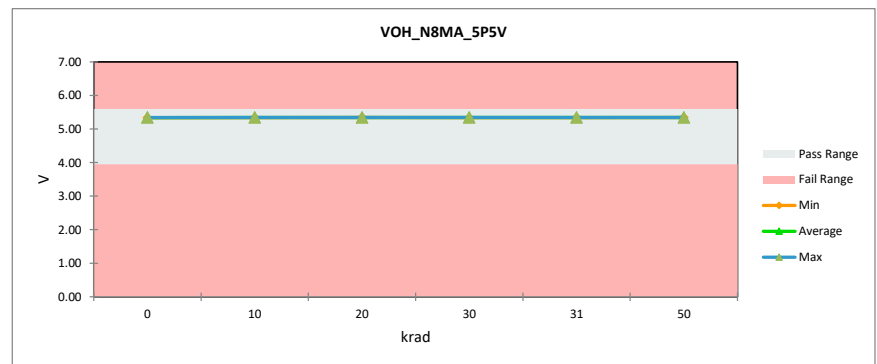
VOH_N8MA_5P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	5.6
Min Limit	3.95

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	5.344	5.335	-0.01	-0.15%	0.49%
0	2	5.343	5.341	0.00	-0.03%	0.11%
0	3	5.343	5.341	0.00	-0.04%	0.11%
10	4	5.344	5.343	0.00	0.00%	0.01%
10	5	5.344	5.344	0.00	0.00%	0.01%
10	6	5.344	5.343	0.00	-0.01%	0.02%
10	7	5.344	5.341	0.00	-0.05%	0.17%
10	8	5.344	5.340	0.00	-0.07%	0.23%
20	9	5.344	5.343	0.00	-0.01%	0.02%
20	10	5.343	5.344	0.00	0.00%	0.02%
20	11	5.344	5.343	0.00	0.00%	0.01%
20	12	5.343	5.343	0.00	-0.01%	0.02%
20	13	5.343	5.342	0.00	-0.02%	0.07%
30	14	5.343	5.344	0.00	0.00%	0.01%
30	15	5.344	5.344	0.00	0.00%	0.01%
30	16	5.343	5.344	0.00	0.00%	0.01%
30	17	5.344	5.344	0.00	0.00%	0.00%
30	18	5.343	5.341	0.00	-0.05%	0.16%
30	19	5.341	5.341	0.00	0.00%	0.00%
30	20	5.341	5.343	0.00	0.03%	0.10%
30	21	5.342	5.341	0.00	-0.02%	0.08%
31	22	5.343	5.343	0.00	-0.01%	0.02%
31	23	5.344	5.343	0.00	-0.02%	0.07%
31	24	5.343	5.343	0.00	-0.01%	0.03%
31	25	5.344	5.343	0.00	-0.01%	0.04%
31	26	5.343	5.342	0.00	-0.02%	0.08%
31	27	5.341	5.342	0.00	0.01%	0.04%
31	28	5.341	5.339	0.00	-0.04%	0.14%
31	29	5.342	5.341	0.00	-0.01%	0.04%
50	30	5.343	5.342	0.00	-0.01%	0.03%
50	31	5.343	5.342	0.00	-0.02%	0.07%
50	32	5.343	5.343	0.00	-0.01%	0.05%
50	33	5.344	5.343	0.00	-0.02%	0.06%
50	34	5.343	5.342	0.00	-0.02%	0.06%
	Max	5.344	5.344	0.00	0.03%	0.49%
	Average	5.343	5.342	0.00	-0.02%	0.07%
	Min	5.341	5.335	-0.01	-0.15%	0.00%
	Std Dev	0.001	0.002	0.00	0.03%	0.09%



VOH_N8MA_5P5V						
Test Site	SLAB					
Tester	ETS88B					
Test Number	EQ774000					
Units	V					
Max Limit	5.6					
Min Limit	3.95					
krad	0	10	20	30	31	50
LL	3.95	3.95	3.95	3.95	3.95	3.95
Min	5.34	5.34	5.34	5.34	5.34	5.34
Average	5.34	5.34	5.34	5.34	5.34	5.34
Max	5.34	5.34	5.34	5.34	5.34	5.34
UL	5.60	5.60	5.60	5.60	5.60	5.60

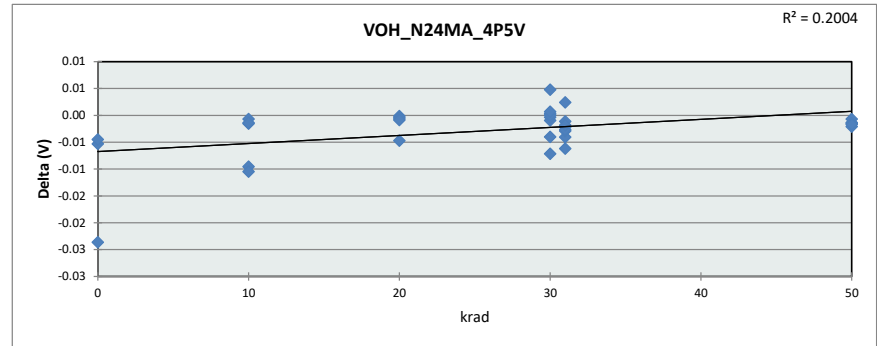


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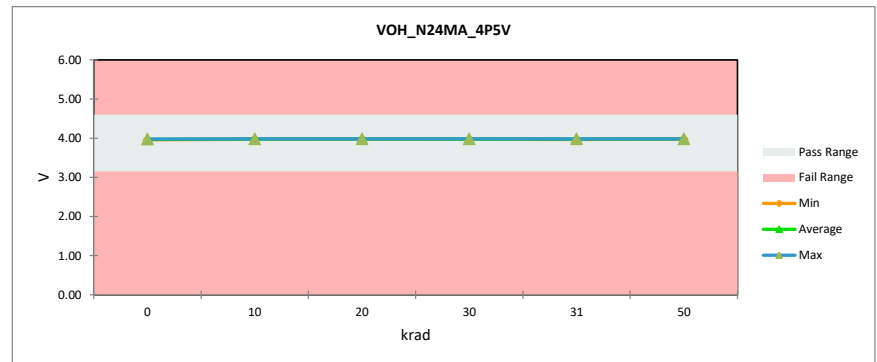
VOH_N24MA_4P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	4.6
Min Limit	3.15

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	3.982	3.959	-0.02	-0.59%	1.63%
0	2	3.981	3.975	-0.01	-0.13%	0.37%
0	3	3.982	3.977	0.00	-0.11%	0.31%
10	4	3.983	3.982	0.00	-0.04%	0.11%
10	5	3.983	3.982	0.00	-0.02%	0.05%
10	6	3.983	3.982	0.00	-0.03%	0.09%
10	7	3.983	3.974	-0.01	-0.24%	0.66%
10	8	3.983	3.972	-0.01	-0.26%	0.72%
20	9	3.983	3.983	0.00	-0.02%	0.04%
20	10	3.982	3.982	0.00	0.00%	0.01%
20	11	3.982	3.982	0.00	-0.01%	0.03%
20	12	3.982	3.981	0.00	-0.02%	0.06%
20	13	3.981	3.976	0.00	-0.12%	0.32%
30	14	3.982	3.983	0.00	0.01%	0.02%
30	15	3.984	3.983	0.00	-0.02%	0.07%
30	16	3.983	3.983	0.00	-0.01%	0.02%
30	17	3.984	3.984	0.00	0.00%	0.00%
30	18	3.981	3.974	-0.01	-0.18%	0.49%
30	19	3.974	3.975	0.00	0.02%	0.05%
30	20	3.975	3.980	0.00	0.12%	0.33%
30	21	3.977	3.973	0.00	-0.10%	0.28%
31	22	3.982	3.981	0.00	-0.03%	0.08%
31	23	3.984	3.980	0.00	-0.10%	0.28%
31	24	3.983	3.981	0.00	-0.06%	0.15%
31	25	3.984	3.981	0.00	-0.07%	0.20%
31	26	3.981	3.978	0.00	-0.07%	0.18%
31	27	3.974	3.977	0.00	0.06%	0.17%
31	28	3.975	3.969	-0.01	-0.16%	0.43%
31	29	3.977	3.976	0.00	-0.05%	0.13%
50	30	3.980	3.979	0.00	-0.03%	0.09%
50	31	3.982	3.980	0.00	-0.05%	0.14%
50	32	3.982	3.981	0.00	-0.02%	0.05%
50	33	3.984	3.983	0.00	-0.04%	0.10%
50	34	3.981	3.979	0.00	-0.04%	0.12%
	Max	3.984	3.984	0.00	0.12%	1.63%
	Average	3.981	3.978	0.00	-0.07%	0.23%
	Min	3.974	3.959	-0.02	-0.59%	0.00%
	Std Dev	0.003	0.005	0.00	0.12%	0.31%



VOH_N24MA_4P5V						
Test Site	SLAB					
Tester	ETS88B					
Test Number	EQ774000					
Units	V					
Max Limit	4.6					
Min Limit	3.15					
krad	0	10	20	30	31	50
LL	3.15	3.15	3.15	3.15	3.15	3.15
Min	3.96	3.97	3.98	3.97	3.97	3.98
Average	3.97	3.98	3.98	3.98	3.98	3.98
Max	3.98	3.98	3.98	3.98	3.98	3.98
UL	4.60	4.60	4.60	4.60	4.60	4.60

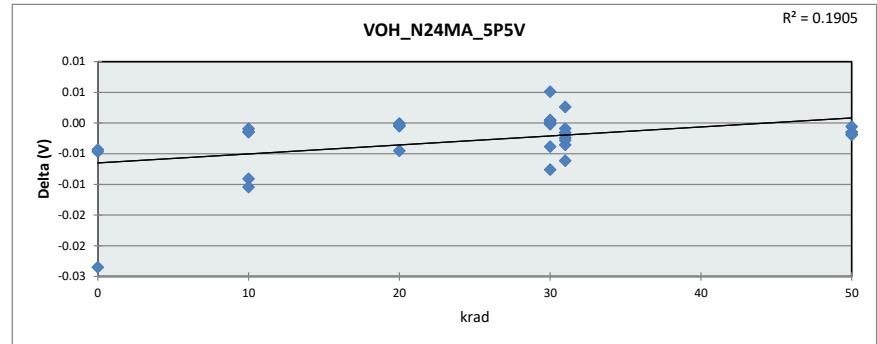


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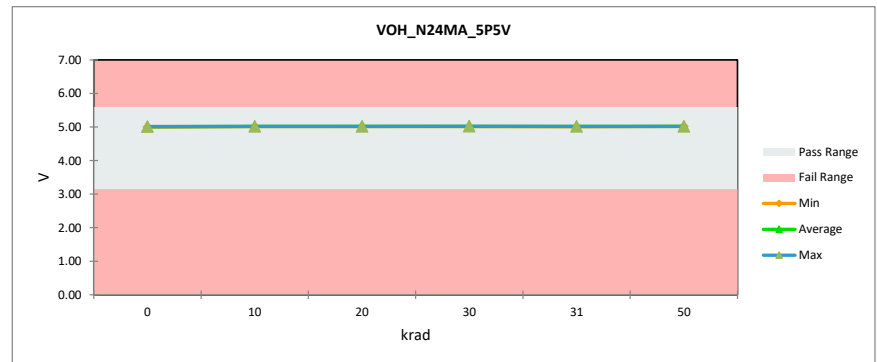
VOH_N24MA_5P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	5.6
Min Limit	3.15

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	5.021	4.997	-0.02	-0.47%	0.96%
0	2	5.019	5.014	0.00	-0.09%	0.19%
0	3	5.020	5.015	0.00	-0.09%	0.18%
10	4	5.022	5.020	0.00	-0.03%	0.06%
10	5	5.021	5.020	0.00	-0.02%	0.04%
10	6	5.021	5.020	0.00	-0.03%	0.06%
10	7	5.021	5.012	-0.01	-0.18%	0.37%
10	8	5.021	5.010	-0.01	-0.21%	0.43%
20	9	5.022	5.021	0.00	-0.01%	0.02%
20	10	5.021	5.021	0.00	0.00%	0.01%
20	11	5.021	5.021	0.00	0.00%	0.00%
20	12	5.020	5.020	0.00	-0.01%	0.02%
20	13	5.020	5.015	0.00	-0.09%	0.18%
30	14	5.021	5.021	0.00	0.01%	0.02%
30	15	5.022	5.022	0.00	0.00%	0.01%
30	16	5.021	5.021	0.00	0.00%	0.01%
30	17	5.022	5.022	0.00	0.00%	0.01%
30	18	5.019	5.012	-0.01	-0.15%	0.31%
30	19	5.013	5.014	0.00	0.01%	0.02%
30	20	5.013	5.018	0.01	0.10%	0.21%
30	21	5.016	5.012	0.00	-0.08%	0.16%
31	22	5.021	5.020	0.00	-0.02%	0.04%
31	23	5.022	5.019	0.00	-0.07%	0.14%
31	24	5.021	5.019	0.00	-0.04%	0.08%
31	25	5.022	5.019	0.00	-0.06%	0.11%
31	26	5.019	5.017	0.00	-0.05%	0.10%
31	27	5.013	5.016	0.00	0.05%	0.11%
31	28	5.013	5.007	-0.01	-0.12%	0.25%
31	29	5.016	5.014	0.00	-0.03%	0.06%
50	30	5.019	5.018	0.00	-0.03%	0.06%
50	31	5.021	5.019	0.00	-0.04%	0.08%
50	32	5.020	5.020	0.00	-0.01%	0.02%
50	33	5.022	5.021	0.00	-0.03%	0.06%
50	34	5.020	5.018	0.00	-0.04%	0.07%
	Max	5.022	5.022	0.00	0.10%	0.96%
	Average	5.020	5.017	0.00	-0.05%	0.13%
	Min	5.013	4.997	-0.02	-0.47%	0.00%
	Std Dev	0.003	0.005	0.00	0.10%	0.18%



VOH_N24MA_5P5V						
Test Site	SLAB					
Tester	ETS88B					
Test Number	EQ774000					
Units	V					
Max Limit	5.6					
Min Limit	3.15					
krad	0	10	20	30	31	50
LL	3.15	3.15	3.15	3.15	3.15	3.15
Min	5.00	5.01	5.02	5.01	5.01	5.02
Average	5.01	5.02	5.02	5.02	5.02	5.02
Max	5.02	5.02	5.02	5.02	5.02	5.02
UL	5.60	5.60	5.60	5.60	5.60	5.60

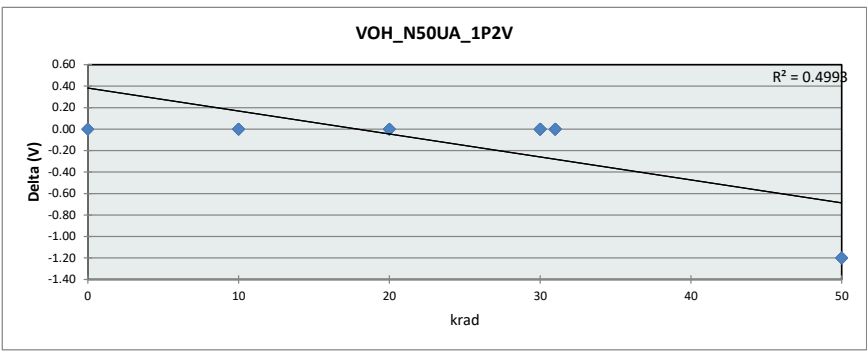


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VOH_N50UA_1P2V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.3
Min Limit	1

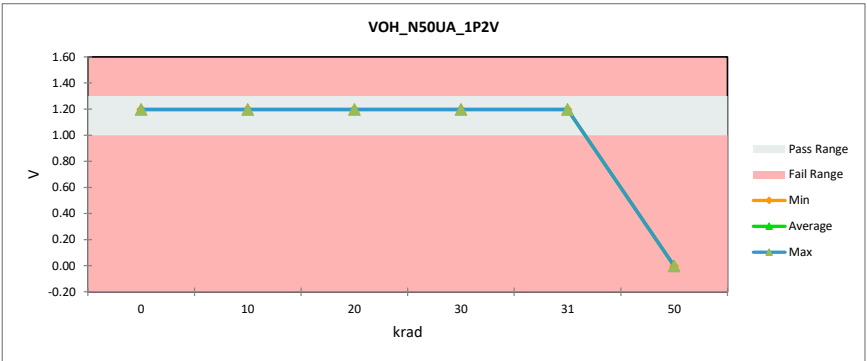
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.197	1.197	0.00	0.00%	0.02%
0	2	1.197	1.197	0.00	0.00%	0.00%
0	3	1.197	1.197	0.00	0.00%	0.02%
10	4	1.197	1.197	0.00	-0.01%	0.04%
10	5	1.197	1.197	0.00	0.01%	0.02%
10	6	1.197	1.197	0.00	-0.01%	0.02%
10	7	1.197	1.197	0.00	-0.01%	0.04%
10	8	1.197	1.197	0.00	0.00%	0.01%
20	9	1.197	1.197	0.00	-0.01%	0.03%
20	10	1.197	1.197	0.00	0.00%	0.01%
20	11	1.197	1.197	0.00	-0.01%	0.04%
20	12	1.197	1.197	0.00	0.01%	0.02%
20	13	1.197	1.197	0.00	0.01%	0.03%
30	14	1.197	1.197	0.00	0.03%	0.10%
30	15	1.197	1.197	0.00	0.02%	0.08%
30	16	1.197	1.197	0.00	0.01%	0.04%
30	17	1.197	1.197	0.00	0.01%	0.02%
30	18	1.197	1.197	0.00	0.01%	0.04%
30	19	1.197	1.197	0.00	0.00%	0.01%
30	20	1.197	1.197	0.00	0.00%	0.01%
30	21	1.197	1.197	0.00	0.01%	0.02%
31	22	1.197	1.197	0.00	-0.01%	0.05%
31	23	1.197	1.197	0.00	0.02%	0.07%
31	24	1.197	1.197	0.00	0.01%	0.03%
31	25	1.197	1.197	0.00	0.00%	0.02%
31	26	1.197	1.197	0.00	-0.02%	0.08%
31	27	1.197	1.197	0.00	-0.01%	0.02%
31	28	1.197	1.197	0.00	-0.01%	0.03%
31	29	1.197	1.197	0.00	0.01%	0.04%
50	30	1.197	-0.002	-1.20	-100.20%	399.69%
50	31	1.197	-0.002	-1.20	-100.20%	399.67%
50	32	1.197	-0.003	-1.20	-100.21%	399.75%
50	33	1.197	-0.002	-1.20	-100.21%	399.68%
50	34	1.197	-0.002	-1.20	-100.20%	399.72%
	Max	1.197	1.197	0.00	0.03%	399.75%
	Average	1.197	1.020	-0.18	-14.73%	58.81%
	Min	1.197	-0.003	-1.20	-100.21%	0.00%
	Std Dev	0.000	0.431	0.43	36.02%	143.68%



VOH_N50UA_1P2V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	1.3
Min Limit	1

krad	0	10	20	30	31	50
LL	1.00	1.00	1.00	1.00	1.00	1.00
Min	1.20	1.20	1.20	1.20	1.20	0.00
Average	1.20	1.20	1.20	1.20	1.20	0.00
Max	1.20	1.20	1.20	1.20	1.20	0.00
UL	1.30	1.30	1.30	1.30	1.30	1.30

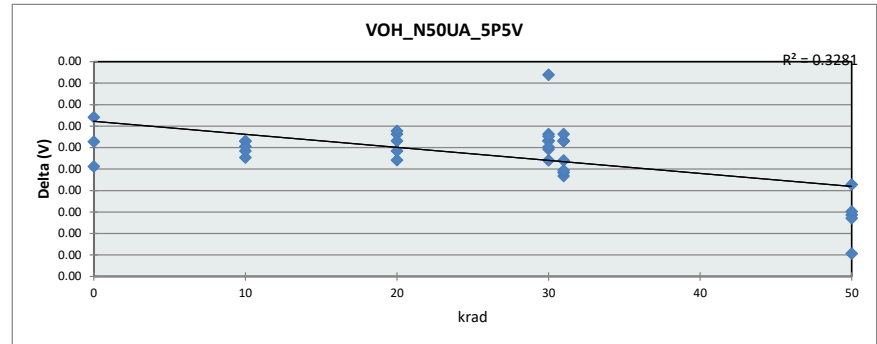


TID Report SN54SC2T74-SEP

VOH_N50UA_5P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	5.6
Min Limit	5.3

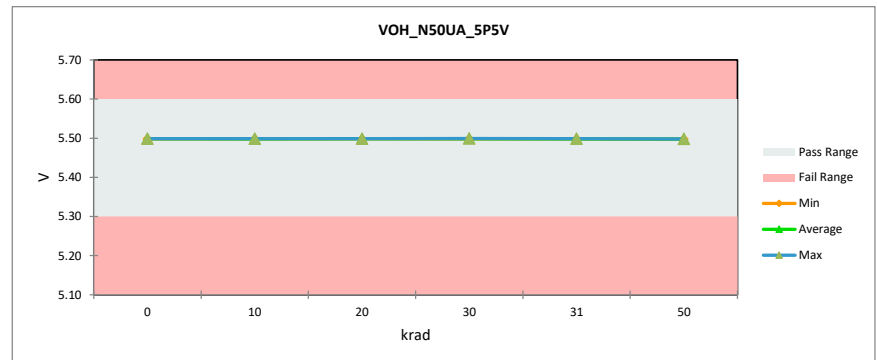
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	5.498	5.499	0.00	0.00%	0.02%
0	2	5.498	5.499	0.00	0.01%	0.09%
0	3	5.499	5.498	0.00	0.00%	0.06%
10	4	5.498	5.499	0.00	0.00%	0.02%
10	5	5.498	5.498	0.00	0.00%	0.02%
10	6	5.499	5.498	0.00	0.00%	0.03%
10	7	5.499	5.498	0.00	0.00%	0.01%
10	8	5.498	5.498	0.00	0.00%	0.00%
20	9	5.498	5.499	0.00	0.00%	0.04%
20	10	5.499	5.499	0.00	0.00%	0.04%
20	11	5.498	5.498	0.00	0.00%	0.01%
20	12	5.498	5.499	0.00	0.00%	0.05%
20	13	5.499	5.499	0.00	0.00%	0.02%
30	14	5.499	5.499	0.00	0.00%	0.04%
30	15	5.499	5.499	0.00	0.01%	0.23%
30	16	5.499	5.499	0.00	0.00%	0.02%
30	17	5.499	5.499	0.00	0.00%	0.02%
30	18	5.499	5.498	0.00	0.00%	0.04%
30	19	5.499	5.499	0.00	0.00%	0.00%
30	20	5.498	5.499	0.00	0.00%	0.04%
30	21	5.499	5.499	0.00	0.00%	0.00%
31	22	5.499	5.499	0.00	0.00%	0.02%
31	23	5.499	5.499	0.00	0.00%	0.02%
31	24	5.499	5.499	0.00	0.00%	0.02%
31	25	5.499	5.499	0.00	0.00%	0.04%
31	26	5.499	5.498	0.00	0.00%	0.04%
31	27	5.499	5.498	0.00	0.00%	0.09%
31	28	5.498	5.498	0.00	0.00%	0.08%
31	29	5.499	5.498	0.00	0.00%	0.07%
50	30	5.499	5.498	0.00	-0.01%	0.21%
50	31	5.498	5.498	0.00	-0.01%	0.22%
50	32	5.498	5.498	0.00	-0.01%	0.11%
50	33	5.499	5.498	0.00	-0.01%	0.20%
50	34	5.499	5.498	0.00	-0.02%	0.33%
	Max	5.499	5.499	0.00	0.01%	0.33%
	Average	5.499	5.498	0.00	0.00%	0.07%
	Min	5.498	5.498	0.00	-0.02%	0.00%
	Std Dev	0.000	0.000	0.00	0.01%	0.08%



VOH_N50UA_5P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	5.6
Min Limit	5.3

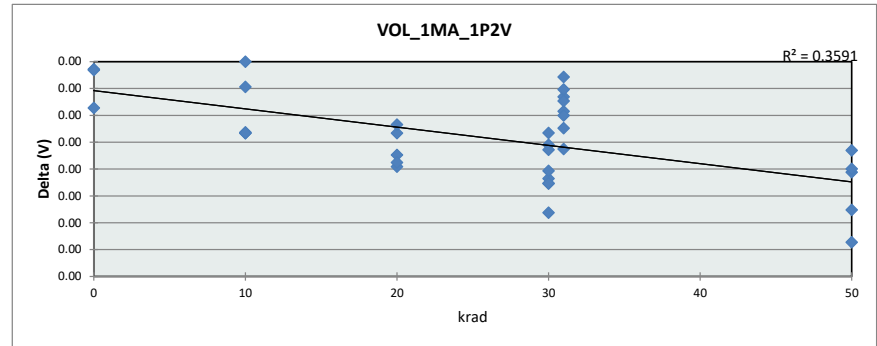
krad	0	10	20	30	31	50
LL	5.30	5.30	5.30	5.30	5.30	5.30
Min	5.50	5.50	5.50	5.50	5.50	5.50
Average	5.50	5.50	5.50	5.50	5.50	5.50
Max	5.50	5.50	5.50	5.50	5.50	5.50
UL	5.60	5.60	5.60	5.60	5.60	5.60



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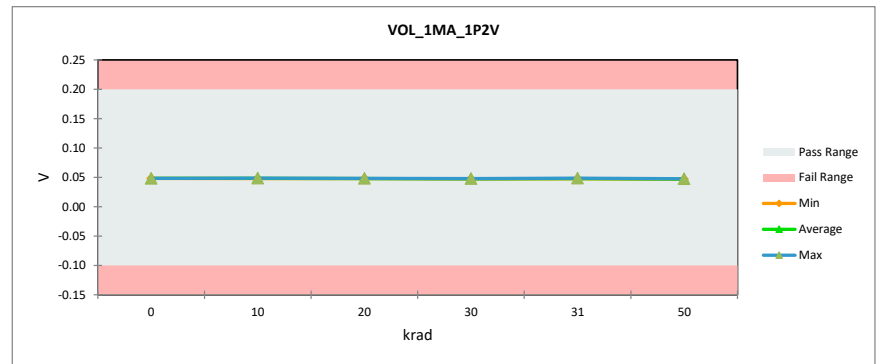
VOL_1MA_1P2V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.2
Min Limit	-0.1

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.049	0.048	0.00	-0.71%	0.11%
0	2	0.048	0.048	0.00	-0.12%	0.02%
0	3	0.048	0.048	0.00	-0.13%	0.02%
10	4	0.049	0.048	0.00	-1.09%	0.18%
10	5	0.049	0.049	0.00	0.00%	0.00%
10	6	0.049	0.048	0.00	-1.08%	0.18%
10	7	0.049	0.048	0.00	-1.09%	0.18%
10	8	0.049	0.048	0.00	-0.39%	0.06%
20	9	0.049	0.048	0.00	-1.59%	0.26%
20	10	0.049	0.048	0.00	-1.09%	0.18%
20	11	0.049	0.048	0.00	-1.42%	0.23%
20	12	0.049	0.048	0.00	-1.55%	0.25%
20	13	0.048	0.048	0.00	-0.97%	0.16%
30	14	0.048	0.047	0.00	-1.81%	0.29%
30	15	0.048	0.047	0.00	-1.70%	0.27%
30	16	0.048	0.047	0.00	-1.88%	0.30%
30	17	0.048	0.047	0.00	-1.29%	0.21%
30	18	0.048	0.048	0.00	-1.10%	0.18%
30	19	0.048	0.048	0.00	-1.35%	0.22%
30	20	0.049	0.048	0.00	-2.31%	0.37%
30	21	0.049	0.048	0.00	-1.86%	0.30%
31	22	0.048	0.047	0.00	-1.35%	0.22%
31	23	0.048	0.048	0.00	-0.77%	0.12%
31	24	0.048	0.048	0.00	-1.02%	0.16%
31	25	0.048	0.047	0.00	-0.84%	0.13%
31	26	0.048	0.048	0.00	-0.54%	0.09%
31	27	0.048	0.048	0.00	-0.60%	0.10%
31	28	0.049	0.049	0.00	-0.23%	0.04%
31	29	0.049	0.048	0.00	-0.43%	0.07%
50	30	0.048	0.047	0.00	-2.79%	0.45%
50	31	0.048	0.047	0.00	-1.71%	0.27%
50	32	0.048	0.047	0.00	-1.38%	0.22%
50	33	0.048	0.047	0.00	-2.29%	0.37%
50	34	0.048	0.048	0.00	-1.65%	0.27%
	Max	0.049	0.049	0.00	0.00%	0.45%
	Average	0.048	0.048	0.00	-1.18%	0.19%
	Min	0.048	0.047	0.00	-2.79%	0.00%
	Std Dev	0.000	0.000	0.00	0.67%	0.11%



VOL_1MA_1P2V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.2
Min Limit	-0.1

krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.05	0.05	0.05	0.05	0.05	0.05
Average	0.05	0.05	0.05	0.05	0.05	0.05
Max	0.05	0.05	0.05	0.05	0.05	0.05
UL	0.20	0.20	0.20	0.20	0.20	0.20

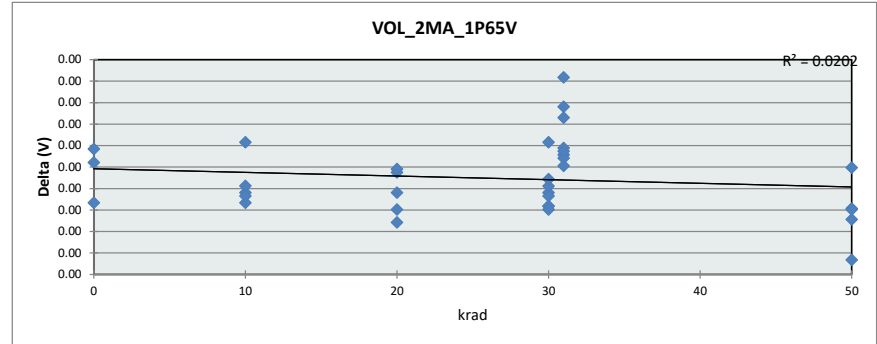


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VOL_2MA_1P65V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.2
Min Limit	-0.1

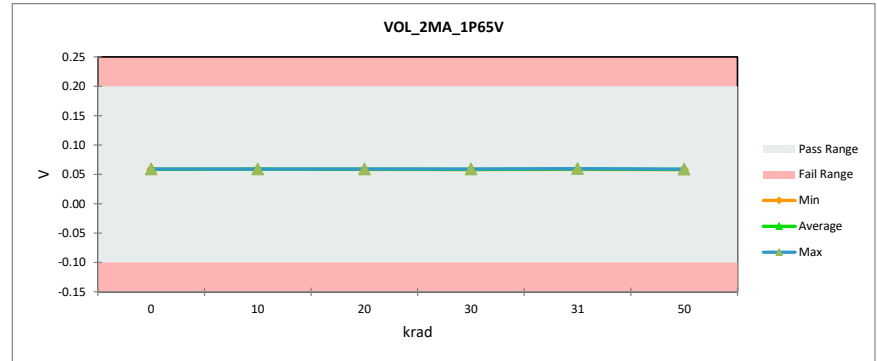
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.059	0.058	0.00	-0.90%	0.18%
0	2	0.059	0.059	0.00	-0.26%	0.05%
0	3	0.059	0.059	0.00	-0.05%	0.01%
10	4	0.059	0.059	0.00	-0.90%	0.18%
10	5	0.059	0.059	0.00	-0.74%	0.15%
10	6	0.059	0.059	0.00	-0.63%	0.13%
10	7	0.059	0.059	0.00	-0.79%	0.16%
10	8	0.059	0.059	0.00	0.05%	0.01%
20	9	0.059	0.059	0.00	-0.74%	0.15%
20	10	0.059	0.059	0.00	-1.20%	0.24%
20	11	0.059	0.059	0.00	-0.42%	0.08%
20	12	0.059	0.058	0.00	-1.01%	0.20%
20	13	0.059	0.059	0.00	-0.37%	0.07%
30	14	0.059	0.058	0.00	-0.96%	0.19%
30	15	0.059	0.058	0.00	-0.96%	0.19%
30	16	0.059	0.058	0.00	-1.01%	0.20%
30	17	0.059	0.058	0.00	-0.75%	0.15%
30	18	0.059	0.059	0.00	0.05%	0.01%
30	19	0.059	0.059	0.00	-0.64%	0.13%
30	20	0.059	0.059	0.00	-0.79%	0.16%
30	21	0.059	0.059	0.00	-0.53%	0.10%
31	22	0.059	0.059	0.00	-0.14%	0.03%
31	23	0.059	0.058	0.00	-0.32%	0.06%
31	24	0.059	0.059	0.00	-0.04%	0.01%
31	25	0.059	0.058	0.00	-0.20%	0.04%
31	26	0.059	0.059	0.00	0.61%	0.12%
31	27	0.059	0.059	0.00	-0.09%	0.02%
31	28	0.059	0.060	0.00	0.44%	0.09%
31	29	0.059	0.060	0.00	1.08%	0.21%
50	30	0.059	0.058	0.00	-1.80%	0.35%
50	31	0.059	0.058	0.00	-0.99%	0.20%
50	32	0.059	0.058	0.00	-1.17%	0.23%
50	33	0.059	0.058	0.00	-1.01%	0.20%
50	34	0.059	0.059	0.00	-0.35%	0.07%
	Max	0.059	0.060	0.00	1.08%	0.35%
	Average	0.059	0.059	0.00	-0.52%	0.13%
	Min	0.059	0.058	0.00	-1.80%	0.01%
	Std Dev	0.000	0.000	0.00	0.58%	0.08%



VOL_2MA_1P65V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.2
Min Limit	-0.1

krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.06	0.06	0.06	0.06	0.06	0.06
Average	0.06	0.06	0.06	0.06	0.06	0.06
Max	0.06	0.06	0.06	0.06	0.06	0.06
UL	0.20	0.20	0.20	0.20	0.20	0.20

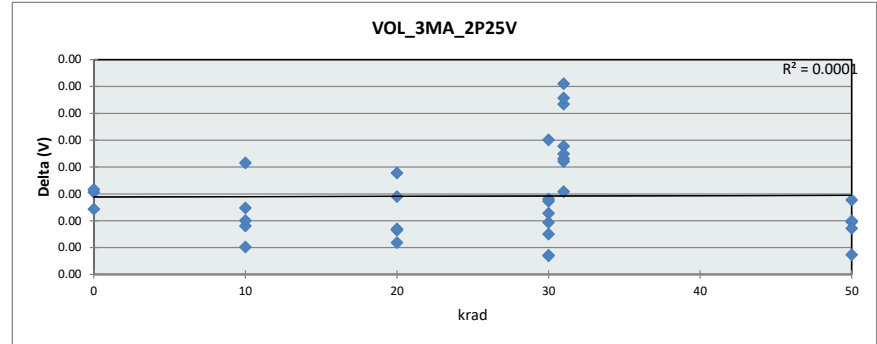


TID Report SN54SC2T74-SEP

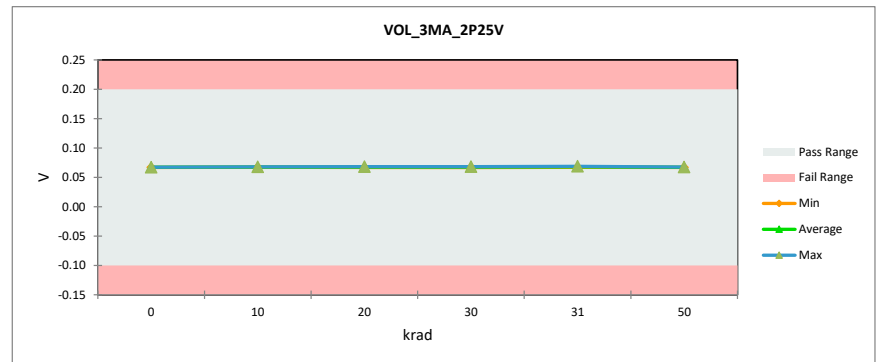
VOL_3MA_2P25V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.2
Min Limit	-0.1

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.067	0.067	0.00	-0.28%	0.06%
0	2	0.067	0.067	0.00	-0.25%	0.06%
0	3	0.067	0.067	0.00	-0.46%	0.10%
10	4	0.068	0.067	0.00	-0.65%	0.15%
10	5	0.068	0.068	0.00	-0.59%	0.13%
10	6	0.068	0.067	0.00	-0.45%	0.10%
10	7	0.068	0.067	0.00	-0.88%	0.20%
10	8	0.068	0.068	0.00	0.05%	0.01%
20	9	0.068	0.067	0.00	-0.69%	0.16%
20	10	0.068	0.067	0.00	-0.68%	0.15%
20	11	0.068	0.068	0.00	-0.32%	0.07%
20	12	0.067	0.067	0.00	-0.83%	0.19%
20	13	0.068	0.068	0.00	-0.06%	0.01%
30	14	0.067	0.067	0.00	-0.98%	0.22%
30	15	0.067	0.067	0.00	-0.51%	0.11%
30	16	0.067	0.067	0.00	-0.98%	0.22%
30	17	0.067	0.067	0.00	-0.61%	0.14%
30	18	0.068	0.068	0.00	0.30%	0.07%
30	19	0.068	0.068	0.00	-0.37%	0.08%
30	20	0.068	0.068	0.00	-0.73%	0.17%
30	21	0.068	0.068	0.00	-0.35%	0.08%
31	22	0.067	0.067	0.00	0.23%	0.05%
31	23	0.067	0.067	0.00	0.15%	0.03%
31	24	0.067	0.067	0.00	-0.27%	0.06%
31	25	0.067	0.067	0.00	0.09%	0.02%
31	26	0.068	0.069	0.00	0.69%	0.16%
31	27	0.068	0.068	0.00	0.06%	0.01%
31	28	0.068	0.069	0.00	0.75%	0.17%
31	29	0.068	0.069	0.00	0.91%	0.21%
50	30	0.068	0.067	0.00	-0.96%	0.22%
50	31	0.067	0.067	0.00	-0.60%	0.14%
50	32	0.067	0.067	0.00	-0.60%	0.13%
50	33	0.067	0.067	0.00	-0.36%	0.08%
50	34	0.068	0.068	0.00	-0.67%	0.15%
	Max	0.068	0.069	0.00	0.91%	0.22%
	Average	0.068	0.067	0.00	-0.32%	0.12%
	Min	0.067	0.067	0.00	-0.98%	0.01%
	Std Dev	0.000	0.001	0.00	0.49%	0.06%



		VOL_3MA_2P25V					
Test Site		SLAB					
Tester		ETS88B					
Test Number		EQ774000					
Units		V					
Max Limit		0.2					
Min Limit		-0.1					
krad		0	10	20	30	31	50
LL		-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min		0.07	0.07	0.07	0.07	0.07	0.07
Average		0.07	0.07	0.07	0.07	0.07	0.07
Max		0.07	0.07	0.07	0.07	0.07	0.07
UL		0.20	0.20	0.20	0.20	0.20	0.20

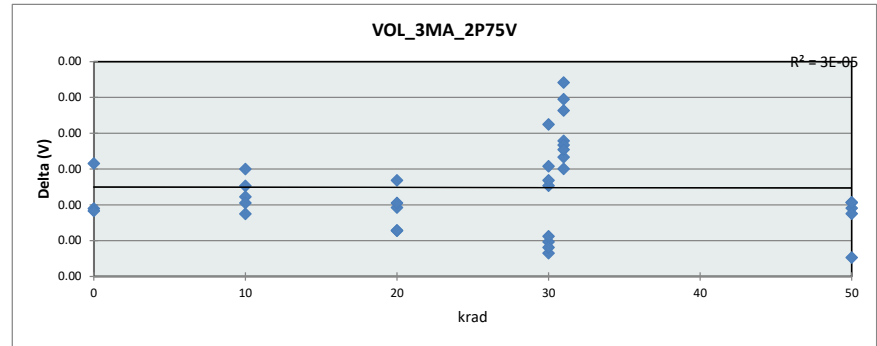


TID Report SN54SC2T74-SEP

VOL_3MA_2P75V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.2
Min Limit	-0.1

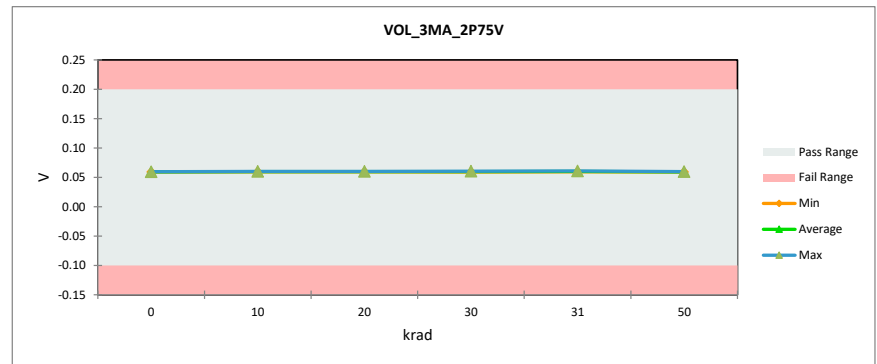
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.059	0.059	0.00	-0.37%	0.07%
0	2	0.060	0.060	0.00	0.05%	0.01%
0	3	0.060	0.059	0.00	-0.39%	0.08%
10	4	0.060	0.059	0.00	-0.26%	0.05%
10	5	0.060	0.060	0.00	-0.16%	0.03%
10	6	0.060	0.060	0.00	-0.42%	0.08%
10	7	0.060	0.060	0.00	-0.32%	0.06%
10	8	0.060	0.060	0.00	0.00%	0.00%
20	9	0.060	0.060	0.00	-0.57%	0.11%
20	10	0.060	0.060	0.00	-0.36%	0.07%
20	11	0.060	0.060	0.00	-0.32%	0.06%
20	12	0.060	0.059	0.00	-0.57%	0.11%
20	13	0.060	0.060	0.00	-0.10%	0.02%
30	14	0.060	0.059	0.00	-0.79%	0.16%
30	15	0.059	0.059	0.00	-0.16%	0.03%
30	16	0.059	0.059	0.00	-0.68%	0.14%
30	17	0.059	0.059	0.00	-0.63%	0.13%
30	18	0.060	0.060	0.00	0.42%	0.08%
30	19	0.060	0.060	0.00	0.03%	0.01%
30	20	0.060	0.060	0.00	-0.72%	0.15%
30	21	0.060	0.060	0.00	-0.10%	0.02%
31	22	0.060	0.060	0.00	0.11%	0.02%
31	23	0.059	0.059	0.00	0.27%	0.05%
31	24	0.059	0.059	0.00	0.00%	0.00%
31	25	0.059	0.060	0.00	0.23%	0.04%
31	26	0.060	0.061	0.00	0.81%	0.16%
31	27	0.060	0.060	0.00	0.18%	0.04%
31	28	0.060	0.061	0.00	0.65%	0.13%
31	29	0.060	0.060	0.00	0.55%	0.11%
50	30	0.060	0.059	0.00	-0.37%	0.07%
50	31	0.060	0.059	0.00	-0.83%	0.16%
50	32	0.059	0.059	0.00	-0.31%	0.06%
50	33	0.059	0.059	0.00	-0.42%	0.08%
50	34	0.060	0.060	0.00	-0.31%	0.06%
	Max	0.060	0.061	0.00	0.81%	0.16%
	Average	0.060	0.060	0.00	-0.17%	0.07%
	Min	0.059	0.059	0.00	-0.83%	0.00%
	Std Dev	0.000	0.000	0.00	0.41%	0.05%



VOL_3MA_2P75V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.2
Min Limit	-0.1

krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.06	0.06	0.06	0.06	0.06	0.06
Average	0.06	0.06	0.06	0.06	0.06	0.06
Max	0.06	0.06	0.06	0.06	0.06	0.06
UL	0.20	0.20	0.20	0.20	0.20	0.20

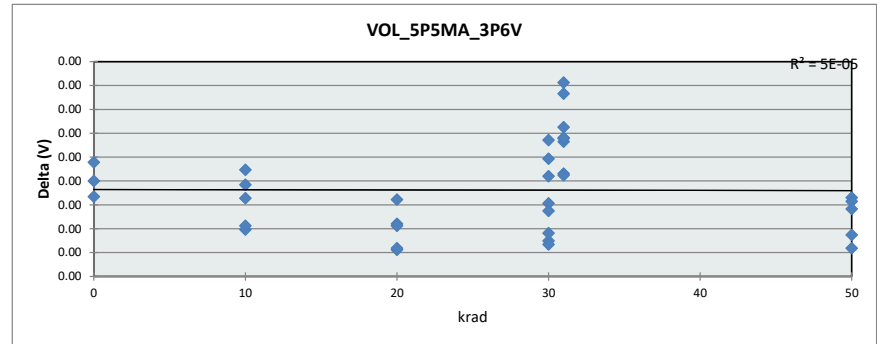


TID Report SN54SC2T74-SEP

VOL_5P5MA_3P6V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.25
Min Limit	-0.1

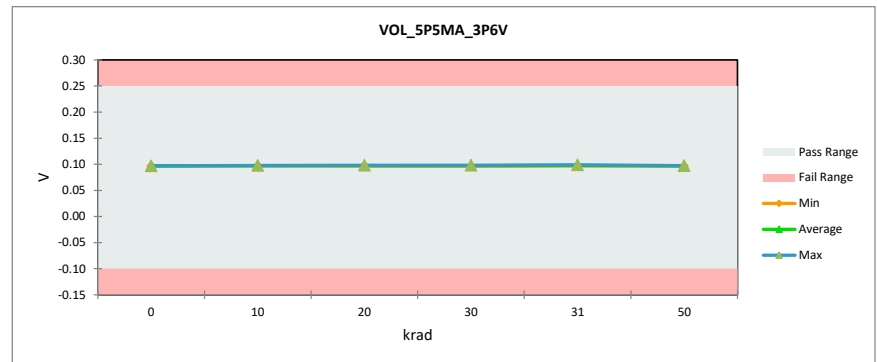
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.097	0.097	0.00	0.00%	0.00%
0	2	0.097	0.097	0.00	-0.13%	0.04%
0	3	0.097	0.097	0.00	0.16%	0.04%
10	4	0.097	0.097	0.00	-0.42%	0.12%
10	5	0.097	0.097	0.00	-0.03%	0.01%
10	6	0.097	0.097	0.00	-0.15%	0.04%
10	7	0.097	0.097	0.00	-0.38%	0.11%
10	8	0.098	0.098	0.00	0.10%	0.03%
20	9	0.097	0.097	0.00	-0.37%	0.10%
20	10	0.097	0.097	0.00	-0.39%	0.11%
20	11	0.098	0.097	0.00	-0.59%	0.16%
20	12	0.097	0.097	0.00	-0.58%	0.16%
20	13	0.098	0.098	0.00	-0.16%	0.04%
30	14	0.097	0.096	0.00	-0.52%	0.14%
30	15	0.097	0.096	0.00	-0.19%	0.05%
30	16	0.097	0.096	0.00	-0.55%	0.15%
30	17	0.097	0.096	0.00	-0.26%	0.07%
30	18	0.098	0.098	0.00	0.35%	0.10%
30	19	0.098	0.098	0.00	0.04%	0.01%
30	20	0.098	0.098	0.00	-0.45%	0.12%
30	21	0.098	0.098	0.00	0.19%	0.05%
31	22	0.097	0.097	0.00	0.06%	0.02%
31	23	0.097	0.097	0.00	0.37%	0.10%
31	24	0.097	0.097	0.00	0.05%	0.01%
31	25	0.097	0.097	0.00	0.34%	0.09%
31	26	0.098	0.098	0.00	0.46%	0.13%
31	27	0.098	0.098	0.00	0.37%	0.10%
31	28	0.098	0.099	0.00	0.84%	0.24%
31	29	0.098	0.099	0.00	0.75%	0.21%
50	30	0.097	0.097	0.00	-0.14%	0.04%
50	31	0.097	0.097	0.00	-0.46%	0.13%
50	32	0.097	0.097	0.00	-0.18%	0.05%
50	33	0.097	0.097	0.00	-0.24%	0.07%
50	34	0.098	0.098	0.00	-0.57%	0.16%
	Max	0.098	0.099	0.00	0.84%	0.24%
	Average	0.097	0.097	0.00	-0.08%	0.09%
	Min	0.097	0.096	0.00	-0.59%	0.00%
	Std Dev	0.001	0.001	0.00	0.38%	0.06%



VOL_5P5MA_3P6V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.25
Min Limit	-0.1

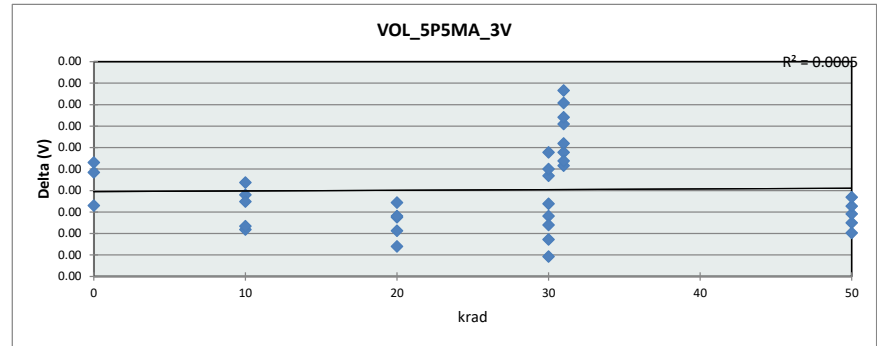
krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.10	0.10	0.10	0.10	0.10	0.10
Average	0.10	0.10	0.10	0.10	0.10	0.10
Max	0.10	0.10	0.10	0.10	0.10	0.10
UL	0.25	0.25	0.25	0.25	0.25	0.25



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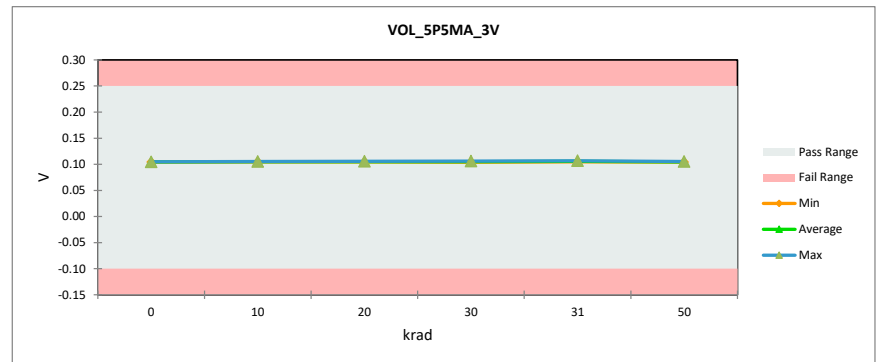
VOL_5P5MA_3V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.25
Min Limit	-0.1

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.105	0.105	0.00	-0.03%	0.01%
0	2	0.105	0.104	0.00	-0.32%	0.10%
0	3	0.105	0.105	0.00	0.06%	0.02%
10	4	0.105	0.105	0.00	-0.54%	0.16%
10	5	0.105	0.105	0.00	-0.23%	0.07%
10	6	0.105	0.105	0.00	-0.29%	0.09%
10	7	0.105	0.105	0.00	-0.50%	0.15%
10	8	0.106	0.105	0.00	-0.12%	0.04%
20	9	0.105	0.105	0.00	-0.43%	0.13%
20	10	0.105	0.105	0.00	-0.42%	0.13%
20	11	0.106	0.105	0.00	-0.54%	0.16%
20	12	0.105	0.104	0.00	-0.68%	0.21%
20	13	0.106	0.106	0.00	-0.29%	0.09%
30	14	0.105	0.104	0.00	-0.31%	0.09%
30	15	0.105	0.104	0.00	-0.42%	0.13%
30	16	0.105	0.104	0.00	-0.78%	0.23%
30	17	0.105	0.104	0.00	-0.06%	0.02%
30	18	0.106	0.106	0.00	0.15%	0.04%
30	19	0.106	0.106	0.00	-0.49%	0.15%
30	20	0.106	0.106	0.00	-0.62%	0.19%
30	21	0.106	0.106	0.00	0.00%	0.00%
31	22	0.105	0.105	0.00	0.15%	0.04%
31	23	0.105	0.105	0.00	0.23%	0.07%
31	24	0.105	0.105	0.00	0.03%	0.01%
31	25	0.105	0.105	0.00	0.59%	0.18%
31	26	0.106	0.106	0.00	0.40%	0.12%
31	27	0.106	0.106	0.00	0.07%	0.02%
31	28	0.106	0.107	0.00	0.45%	0.14%
31	29	0.106	0.106	0.00	0.69%	0.21%
50	30	0.105	0.104	0.00	-0.48%	0.14%
50	31	0.105	0.104	0.00	-0.40%	0.12%
50	32	0.105	0.104	0.00	-0.33%	0.10%
50	33	0.105	0.104	0.00	-0.25%	0.07%
50	34	0.106	0.105	0.00	-0.56%	0.17%
Max		0.106	0.107	0.00	0.69%	0.23%
Average		0.105	0.105	0.00	-0.18%	0.11%
Min		0.105	0.104	0.00	-0.78%	0.00%
Std Dev		0.001	0.001	0.00	0.37%	0.06%



VOL_5P5MA_3V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.25
Min Limit	-0.1

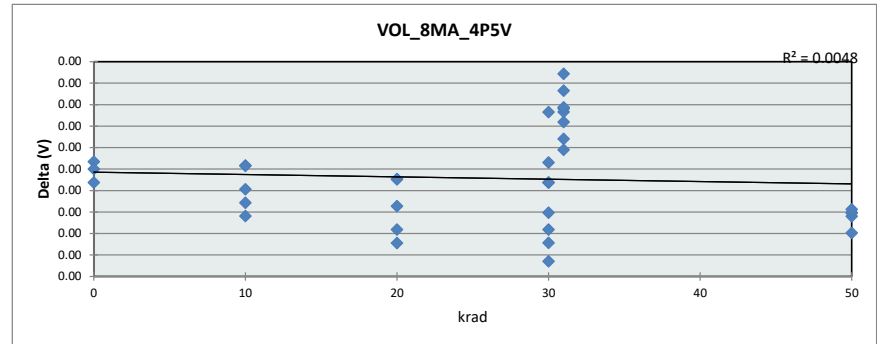
krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.10	0.10	0.10	0.10	0.10	0.10
Average	0.10	0.11	0.10	0.10	0.11	0.10
Max	0.10	0.11	0.11	0.11	0.11	0.11
UL	0.25	0.25	0.25	0.25	0.25	0.25



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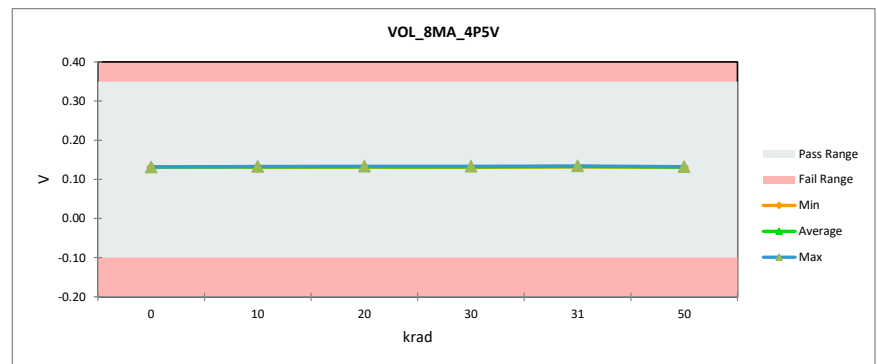
VOL_8MA_4P5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.35
Min Limit	-0.1

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.131	0.131	0.00	-0.10%	0.03%
0	2	0.131	0.132	0.00	0.05%	0.02%
0	3	0.131	0.131	0.00	0.00%	0.00%
10	4	0.132	0.132	0.00	-0.24%	0.07%
10	5	0.132	0.132	0.00	-0.14%	0.04%
10	6	0.132	0.132	0.00	0.02%	0.01%
10	7	0.132	0.132	0.00	-0.33%	0.10%
10	8	0.133	0.133	0.00	0.02%	0.01%
20	9	0.132	0.132	0.00	-0.26%	0.08%
20	10	0.132	0.132	0.00	-0.07%	0.02%
20	11	0.132	0.132	0.00	-0.43%	0.13%
20	12	0.132	0.131	0.00	-0.52%	0.15%
20	13	0.133	0.133	0.00	-0.07%	0.02%
30	14	0.132	0.131	0.00	-0.43%	0.13%
30	15	0.131	0.131	0.00	-0.10%	0.03%
30	16	0.131	0.131	0.00	-0.31%	0.09%
30	17	0.131	0.131	0.00	-0.10%	0.03%
30	18	0.133	0.133	0.00	0.40%	0.12%
30	19	0.133	0.132	0.00	-0.64%	0.19%
30	20	0.134	0.133	0.00	-0.51%	0.15%
30	21	0.133	0.133	0.00	0.05%	0.01%
31	22	0.132	0.132	0.00	0.33%	0.10%
31	23	0.131	0.132	0.00	0.41%	0.12%
31	24	0.131	0.132	0.00	0.21%	0.06%
31	25	0.131	0.132	0.00	0.43%	0.13%
31	26	0.133	0.133	0.00	0.43%	0.13%
31	27	0.133	0.133	0.00	0.14%	0.04%
31	28	0.134	0.134	0.00	0.55%	0.16%
31	29	0.133	0.134	0.00	0.67%	0.20%
50	30	0.132	0.131	0.00	-0.33%	0.10%
50	31	0.132	0.131	0.00	-0.31%	0.09%
50	32	0.132	0.131	0.00	-0.31%	0.09%
50	33	0.132	0.131	0.00	-0.45%	0.13%
50	34	0.133	0.132	0.00	-0.28%	0.08%
	Max	0.134	0.134	0.00	0.67%	0.20%
	Average	0.132	0.132	0.00	-0.07%	0.08%
	Min	0.131	0.131	0.00	-0.64%	0.00%
	Std Dev	0.001	0.001	0.00	0.34%	0.06%



VOL_8MA_4P5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.35
Min Limit	-0.1

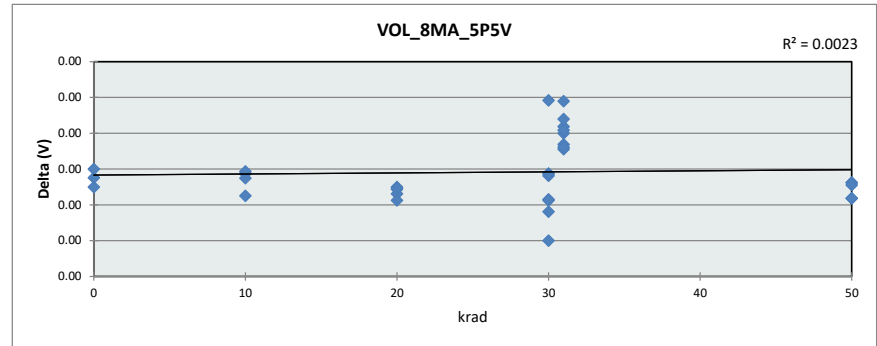
krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.13	0.13	0.13	0.13	0.13	0.13
Average	0.13	0.13	0.13	0.13	0.13	0.13
Max	0.13	0.13	0.13	0.13	0.13	0.13
UL	0.35	0.35	0.35	0.35	0.35	0.35



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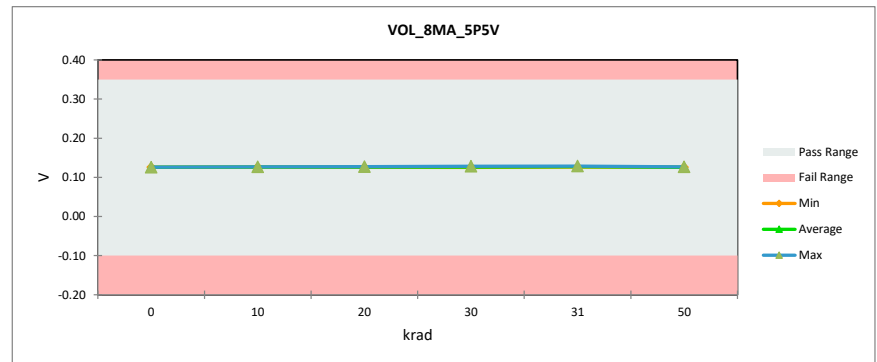
VOL_8MA_5P5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.35
Min Limit	-0.1

krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.126	0.126	0.00	0.00%	0.00%
0	2	0.126	0.126	0.00	-0.20%	0.06%
0	3	0.126	0.126	0.00	-0.10%	0.03%
10	4	0.126	0.126	0.00	-0.05%	0.01%
10	5	0.126	0.126	0.00	-0.05%	0.01%
10	6	0.126	0.126	0.00	-0.10%	0.03%
10	7	0.127	0.126	0.00	-0.29%	0.08%
10	8	0.127	0.127	0.00	-0.02%	0.01%
20	9	0.126	0.126	0.00	-0.20%	0.06%
20	10	0.127	0.126	0.00	-0.22%	0.06%
20	11	0.127	0.126	0.00	-0.27%	0.08%
20	12	0.126	0.126	0.00	-0.35%	0.10%
20	13	0.128	0.128	0.00	-0.21%	0.06%
30	14	0.126	0.126	0.00	-0.35%	0.10%
30	15	0.126	0.126	0.00	-0.05%	0.01%
30	16	0.126	0.125	0.00	-0.47%	0.13%
30	17	0.126	0.126	0.00	-0.07%	0.02%
30	18	0.127	0.128	0.00	0.76%	0.21%
30	19	0.127	0.127	0.00	-0.33%	0.09%
30	20	0.128	0.127	0.00	-0.78%	0.22%
30	21	0.127	0.127	0.00	-0.05%	0.01%
31	22	0.126	0.126	0.00	0.27%	0.08%
31	23	0.126	0.126	0.00	0.47%	0.13%
31	24	0.126	0.126	0.00	0.22%	0.06%
31	25	0.126	0.126	0.00	0.40%	0.11%
31	26	0.127	0.128	0.00	0.43%	0.12%
31	27	0.127	0.128	0.00	0.24%	0.07%
31	28	0.128	0.129	0.00	0.55%	0.16%
31	29	0.127	0.128	0.00	0.75%	0.21%
50	30	0.126	0.126	0.00	-0.33%	0.09%
50	31	0.126	0.126	0.00	-0.15%	0.04%
50	32	0.126	0.126	0.00	-0.15%	0.04%
50	33	0.126	0.126	0.00	-0.18%	0.05%
50	34	0.127	0.127	0.00	-0.32%	0.09%
	Max	0.128	0.129	0.00	0.76%	0.22%
	Average	0.127	0.126	0.00	-0.04%	0.08%
	Min	0.126	0.125	0.00	-0.78%	0.00%
	Std Dev	0.001	0.001	0.00	0.35%	0.06%



VOL_8MA_5P5V	
Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.35
Min Limit	-0.1

krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.13	0.13	0.13	0.13	0.13	0.13
Average	0.13	0.13	0.13	0.13	0.13	0.13
Max	0.13	0.13	0.13	0.13	0.13	0.13
UL	0.35	0.35	0.35	0.35	0.35	0.35

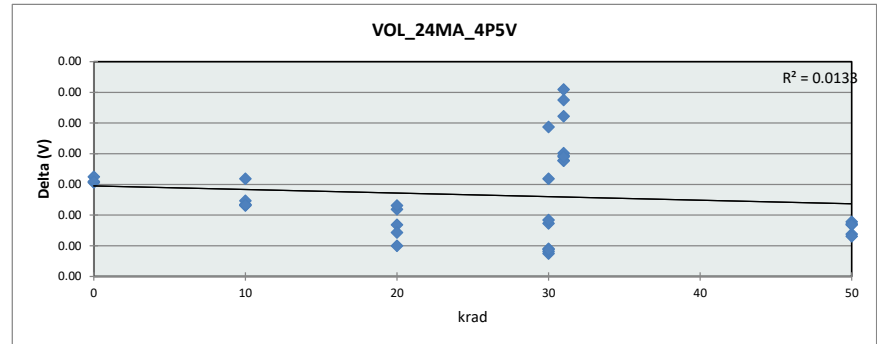


TID Report SN54SC2T74-SEP

VOL_24MA_4P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.75
Min Limit	-0.1

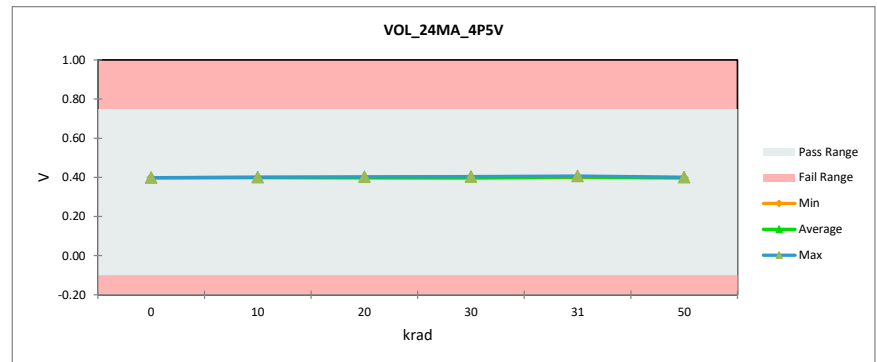
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.397	0.397	0.00	0.02%	0.01%
0	2	0.398	0.398	0.00	0.06%	0.03%
0	3	0.398	0.398	0.00	0.02%	0.01%
10	4	0.399	0.398	0.00	-0.16%	0.08%
10	5	0.400	0.399	0.00	-0.13%	0.06%
10	6	0.400	0.399	0.00	-0.17%	0.08%
10	7	0.400	0.399	0.00	-0.17%	0.08%
10	8	0.401	0.401	0.00	0.05%	0.02%
20	9	0.400	0.399	0.00	-0.33%	0.15%
20	10	0.399	0.398	0.00	-0.20%	0.10%
20	11	0.400	0.399	0.00	-0.39%	0.18%
20	12	0.399	0.397	0.00	-0.50%	0.24%
20	13	0.404	0.403	0.00	-0.17%	0.08%
30	14	0.398	0.396	0.00	-0.53%	0.25%
30	15	0.398	0.397	0.00	-0.32%	0.15%
30	16	0.398	0.396	0.00	-0.57%	0.26%
30	17	0.398	0.397	0.00	-0.29%	0.14%
30	18	0.402	0.404	0.00	0.47%	0.22%
30	19	0.403	0.401	0.00	-0.54%	0.26%
30	20	0.404	0.402	0.00	-0.53%	0.25%
30	21	0.402	0.402	0.00	0.05%	0.02%
31	22	0.398	0.399	0.00	0.24%	0.11%
31	23	0.398	0.399	0.00	0.20%	0.09%
31	24	0.398	0.399	0.00	0.19%	0.09%
31	25	0.398	0.399	0.00	0.26%	0.12%
31	26	0.402	0.404	0.00	0.55%	0.26%
31	27	0.403	0.404	0.00	0.22%	0.11%
31	28	0.404	0.407	0.00	0.68%	0.32%
31	29	0.402	0.405	0.00	0.77%	0.36%
50	30	0.399	0.397	0.00	-0.41%	0.19%
50	31	0.399	0.397	0.00	-0.31%	0.14%
50	32	0.398	0.397	0.00	-0.32%	0.15%
50	33	0.398	0.397	0.00	-0.33%	0.15%
50	34	0.403	0.401	0.00	-0.42%	0.20%
	Max	0.404	0.407	0.00	0.77%	0.36%
	Average	0.400	0.400	0.00	-0.09%	0.15%
	Min	0.397	0.396	0.00	-0.57%	0.01%
	Std Dev	0.002	0.003	0.00	0.36%	0.09%



VOL_24MA_4P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.75
Min Limit	-0.1

krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.40	0.40	0.40	0.40	0.40	0.40
Average	0.40	0.40	0.40	0.40	0.40	0.40
Max	0.40	0.40	0.40	0.40	0.41	0.40
UL	0.75	0.75	0.75	0.75	0.75	0.75

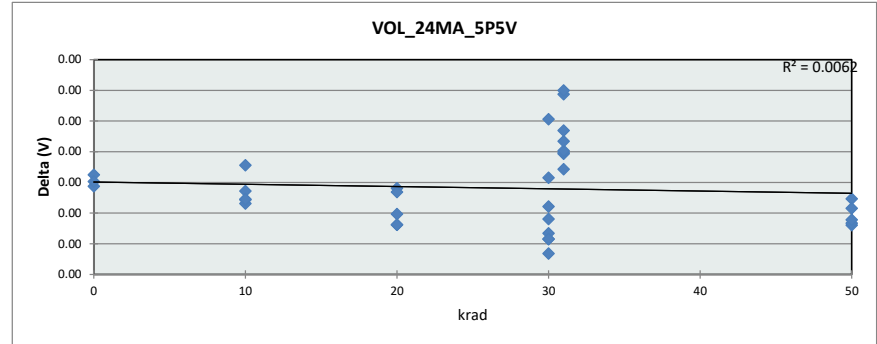


TID Report SN54SC2T74-SEP

VOL_24MA_5P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.75
Min Limit	-0.1

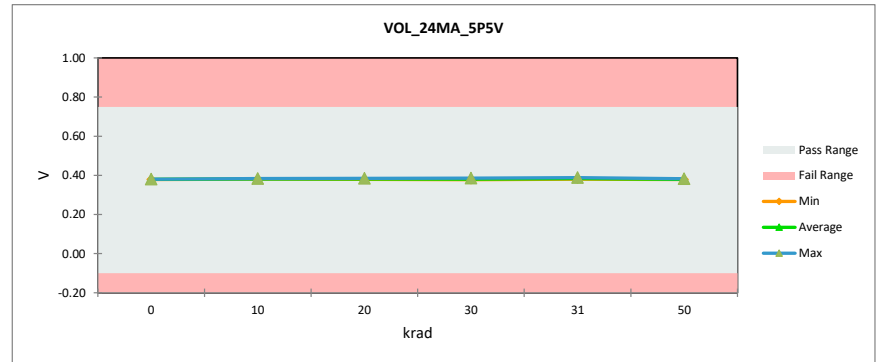
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.379	0.379	0.00	-0.03%	0.01%
0	2	0.379	0.380	0.00	0.07%	0.03%
0	3	0.380	0.380	0.00	0.01%	0.00%
10	4	0.381	0.380	0.00	-0.18%	0.08%
10	5	0.381	0.381	0.00	-0.07%	0.03%
10	6	0.381	0.381	0.00	-0.15%	0.07%
10	7	0.382	0.381	0.00	-0.14%	0.06%
10	8	0.383	0.383	0.00	-0.15%	0.07%
20	9	0.381	0.380	0.00	-0.27%	0.12%
20	10	0.381	0.381	0.00	-0.05%	0.02%
20	11	0.382	0.380	0.00	-0.36%	0.16%
20	12	0.381	0.379	0.00	-0.36%	0.16%
20	13	0.385	0.385	0.00	-0.08%	0.04%
30	14	0.380	0.378	0.00	-0.49%	0.22%
30	15	0.380	0.378	0.00	-0.31%	0.14%
30	16	0.379	0.378	0.00	-0.44%	0.19%
30	17	0.380	0.379	0.00	-0.21%	0.09%
30	18	0.384	0.386	0.00	0.54%	0.24%
30	19	0.384	0.382	0.00	-0.60%	0.27%
30	20	0.385	0.384	0.00	-0.48%	0.22%
30	21	0.383	0.384	0.00	0.04%	0.02%
31	22	0.380	0.381	0.00	0.25%	0.11%
31	23	0.380	0.381	0.00	0.26%	0.11%
31	24	0.379	0.380	0.00	0.27%	0.12%
31	25	0.380	0.381	0.00	0.35%	0.16%
31	26	0.384	0.385	0.00	0.44%	0.20%
31	27	0.384	0.385	0.00	0.11%	0.05%
31	28	0.385	0.388	0.00	0.75%	0.34%
31	29	0.383	0.386	0.00	0.78%	0.35%
50	30	0.380	0.379	0.00	-0.37%	0.16%
50	31	0.380	0.379	0.00	-0.14%	0.06%
50	32	0.380	0.379	0.00	-0.35%	0.16%
50	33	0.380	0.379	0.00	-0.22%	0.10%
50	34	0.384	0.383	0.00	-0.32%	0.14%
	Max	0.385	0.388	0.00	0.78%	0.35%
	Average	0.381	0.381	0.00	-0.05%	0.13%
	Min	0.379	0.378	0.00	-0.60%	0.00%
	Std Dev	0.002	0.003	0.00	0.35%	0.09%



VOL_24MA_5P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.75
Min Limit	-0.1

krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.38	0.38	0.38	0.38	0.38	0.38
Average	0.38	0.38	0.38	0.38	0.38	0.38
Max	0.38	0.38	0.38	0.39	0.39	0.38
UL	0.75	0.75	0.75	0.75	0.75	0.75

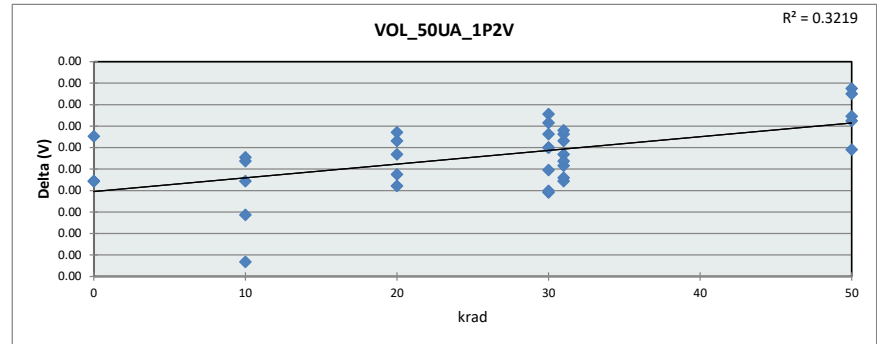


TID Report SN54SC2T74-SEP

VOL_50UA_1P2V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.1
Min Limit	-0.1

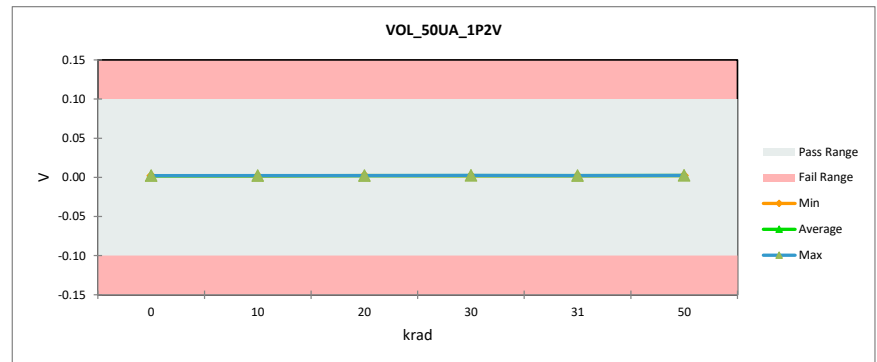
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.002	0.002	0.00	-7.07%	0.08%
0	2	0.002	0.002	0.00	-7.07%	0.08%
0	3	0.002	0.002	0.00	2.47%	0.03%
10	4	0.002	0.002	0.00	-13.56%	0.16%
10	5	0.002	0.002	0.00	-6.69%	0.08%
10	6	0.002	0.002	0.00	-22.45%	0.27%
10	7	0.002	0.002	0.00	-2.87%	0.03%
10	8	0.002	0.002	0.00	-1.97%	0.02%
20	9	0.002	0.002	0.00	-1.37%	0.02%
20	10	0.002	0.002	0.00	1.39%	0.02%
20	11	0.002	0.002	0.00	3.16%	0.04%
20	12	0.002	0.002	0.00	-5.50%	0.06%
20	13	0.002	0.002	0.00	-7.39%	0.09%
30	14	0.002	0.002	0.00	-9.09%	0.10%
30	15	0.002	0.002	0.00	0.00%	0.00%
30	16	0.002	0.002	0.00	7.07%	0.08%
30	17	0.002	0.002	0.00	3.00%	0.03%
30	18	0.002	0.002	0.00	0.00%	0.00%
30	19	0.002	0.002	0.00	5.34%	0.06%
30	20	0.002	0.002	0.00	-8.16%	0.10%
30	21	0.002	0.002	0.00	-4.33%	0.05%
31	22	0.002	0.002	0.00	-3.64%	0.04%
31	23	0.002	0.002	0.00	1.41%	0.02%
31	24	0.002	0.002	0.00	2.83%	0.03%
31	25	0.002	0.002	0.00	-1.50%	0.02%
31	26	0.002	0.002	0.00	-2.70%	0.03%
31	27	0.002	0.002	0.00	3.69%	0.04%
31	28	0.002	0.002	0.00	-6.34%	0.08%
31	29	0.002	0.002	0.00	-5.83%	0.07%
50	30	0.002	0.002	0.00	12.82%	0.14%
50	31	0.002	0.002	0.00	11.99%	0.13%
50	32	0.002	0.002	0.00	6.52%	0.07%
50	33	0.002	0.002	0.00	5.82%	0.06%
50	34	0.002	0.002	0.00	-0.40%	0.00%
Max		0.002	0.002	0.00	12.82%	0.27%
Average		0.002	0.002	0.00	-1.48%	0.06%
Min		0.002	0.002	0.00	-22.45%	0.00%
Std Dev		0.000	0.000	0.00	7.04%	0.05%



VOL_50UA_1P2V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.1
Min Limit	-0.1

krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	0.00	0.00
UL	0.10	0.10	0.10	0.10	0.10	0.10

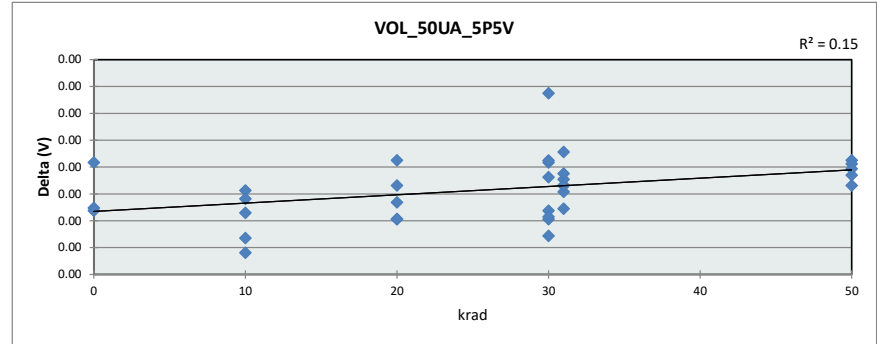


TID Report SN54SC2T74-SEP

VOL_50UA_5P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.1
Min Limit	-0.1

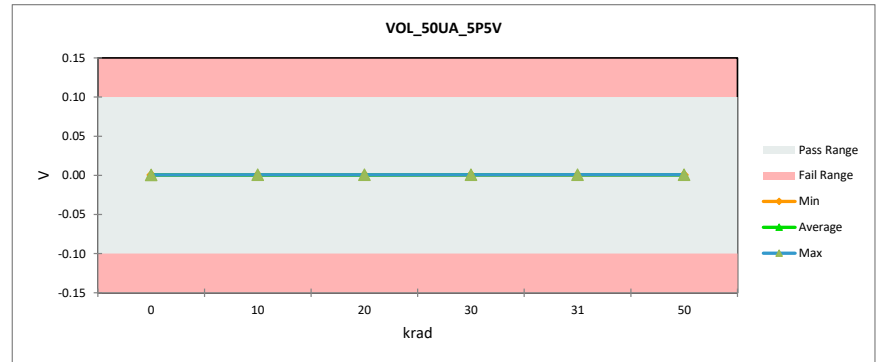
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.000	0.001	0.00	28.96%	0.06%
0	2	0.001	0.001	0.00	-8.60%	0.03%
0	3	0.001	0.001	0.00	-10.54%	0.03%
10	4	0.001	0.000	0.00	-36.90%	0.11%
10	5	0.001	0.000	0.00	-26.26%	0.08%
10	6	0.001	0.001	0.00	2.36%	0.01%
10	7	0.001	0.001	0.00	-11.83%	0.04%
10	8	0.001	0.001	0.00	-2.25%	0.01%
20	9	0.000	0.001	0.00	28.63%	0.06%
20	10	0.001	0.001	0.00	-5.57%	0.02%
20	11	0.001	0.000	0.00	-15.82%	0.05%
20	12	0.001	0.001	0.00	4.90%	0.02%
20	13	0.001	0.001	0.00	-12.96%	0.05%
30	14	0.000	0.001	0.00	13.58%	0.03%
30	15	0.000	0.001	0.00	87.39%	0.19%
30	16	0.001	0.000	0.00	-17.93%	0.05%
30	17	0.000	0.001	0.00	25.08%	0.06%
30	18	0.001	0.001	0.00	-20.70%	0.08%
30	19	0.001	0.001	0.00	20.13%	0.06%
30	20	0.001	0.001	0.00	-9.58%	0.03%
30	21	0.001	0.001	0.00	-11.88%	0.04%
31	22	0.000	0.000	0.00	1.65%	0.00%
31	23	0.000	0.000	0.00	-12.80%	0.03%
31	24	0.001	0.001	0.00	5.98%	0.02%
31	25	0.000	0.000	0.00	6.68%	0.02%
31	26	0.001	0.001	0.00	7.17%	0.03%
31	27	0.001	0.001	0.00	25.24%	0.08%
31	28	0.001	0.001	0.00	11.64%	0.04%
31	29	0.001	0.001	0.00	4.44%	0.02%
50	30	0.000	0.001	0.00	26.72%	0.06%
50	31	0.001	0.001	0.00	5.89%	0.02%
50	32	0.000	0.001	0.00	14.27%	0.04%
50	33	0.001	0.001	0.00	19.45%	0.06%
50	34	0.001	0.001	0.00	13.12%	0.05%
	Max	0.001	0.001	0.00	87.39%	0.19%
	Average	0.001	0.001	0.00	4.40%	0.04%
	Min	0.000	0.000	0.00	-36.90%	0.00%
	Std Dev	0.000	0.000	0.00	22.22%	0.04%



VOL_50UA_5P5V

Test Site	SLAB
Tester	ETS88B
Test Number	EQ774000
Units	V
Max Limit	0.1
Min Limit	-0.1

krad	0	10	20	30	31	50
LL	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
Min	0.00	0.00	0.00	0.00	0.00	0.00
Average	0.00	0.00	0.00	0.00	0.00	0.00
Max	0.00	0.00	0.00	0.00	0.00	0.00
UL	0.10	0.10	0.10	0.10	0.10	0.10



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