

# OPA4H014-SEP Radiation Tolerant, Quad-Channel, Precision Op Amp TID Report



## ABSTRACT

This report covers the radiation characterization results of the OPA4H014-SEP, a high-speed quad-channel operational amplifier. The study was done to determine Total Ionizing Dose (TID) effects under high dose rate (HDR) up to 30 krad(Si). The results show that all samples passed within the data sheet specified limits up to 30 krad(Si).

As a one-time characterization, additional exposure to 50 krad(Si) was performed for a subset of devices. For those devices exposed to 50 krad(Si), the measured input bias current specifications was found to be outside of the limit specified in the device data sheet, while all other parameters were found to be within the specified levels. For all production material, Radiation Lot Acceptance Testing (RLAT) will be performed using 22 units at a dose level of 30 krad(Si) for future wafer lots.

Additional one-time characterization of TID effects under Low Dose Rate (LDR) to 30 krad(Si) was performed. HDR and LDR data up 30-krad(Si) exposure levels were compared. As all parameters passed within the data sheet specified limits, the OPA4H014-SEP is considered non-Enhanced Low Dose Rate Sensitive (ELDRS) to 30 krad(Si) according to MIL-STD-883, Method 1019.

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## Trademarks

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## 1 Device Information

### 1.1 Product Description

The OPA4H014-SEP is a low-power JFET input operational amplifier (op amp) that features good drift and low input bias current. With an input range that includes  $V^-$  and a rail-to-rail output, designers can take advantage of the low-noise characteristics of JFET amplifiers while interfacing to single-supply, precision analog-to-digital converters (ADCs) and digital-to-analog converters (DACs). The OPA4H014-SEP achieves 11-MHz unity-gain bandwidth and  $20\text{-V} / \mu\text{s}$  slew rate, while consuming only 1.8 mA (typical) of quiescent current per amplifier. This device runs on a single 4.5-V to 18-V supply or dual  $\pm 2.25\text{-V}$  to  $\pm 9\text{-V}$  supplies.

The op amp is built in a plastic, 14-pin, TSSOP package with radiation hardness up to  $43\text{ MeV} \times \text{cm}^2 / \text{mg}$  (SEE) and is ELDRS-free up to 30 krad(Si). Radiation lot acceptance testing (RLAT) for the LMP7704-SP is performed with high dose rate Condition A as specified in MIL-STD-883, Method 1019. The radiation end point limits for the specified parameters are guaranteed only for the conditions as specified in MIL-STD-883, Method 1019, Condition A, to a maximum total dose of 30 krad(Si).

### 1.2 Device Details

[Table 1-1](#) lists the device information used for TID HDR characterization and qualification. [Table 1-2](#) lists the associated information for TID LDR characterization and qualification.

As a one-time characterization, samples were tested to 10 krad(Si), 20 krad(Si), and 30 krad(Si) maximum total dose levels (three units each) in accordance with the RLAT procedure. Three additional units were tested to 50 krad(Si). Unbiased and biased LDR is also performed (five units each), up to 30 krad(Si). Analysis of parametric data from HDR and LDR results was used to determine that the OPA4H014-SEP is not considered Enhanced Low Dose Rate Sensitive (ELDRS).

**Table 1-1. HDR Device and Exposure Details**

TID HDR Details: Up to 50 krad(Si)	
TI Device Number	OPA4H014-SEP
Package	14-pin, PW
Technology	BICOM-3XHV
Quantity Tested	12 irradiated devices + 1 control
Lot Accept/Reject	Devices passed 10 krad(Si), 20 krad(Si), 30 krad(Si)
HDR Radiation Facility	Texas Instruments SVA Group, Santa Clara, CA
HDR Dose Level	10 krad(Si), 20 krad(Si), 30 krad(Si), 50 krad(Si)
HDR Dose Rate	59.2 rad(Si)/s
HDR Radiation Source	Gammacell 220 Excel (GC-220E) Co-60
Irradiation Temperature	Ambient, room temperature

**Table 1-2. LDR Device and Exposure Details**

TID LDR Details: Up to 30 krad(Si)	
TI Device Number	OPA4H014-SEP
Package	14-pin, PW
Technology	BICOM-3XHV
Quantity Tested	10 irradiated devices
Lot Accept/Reject	Devices passed 10 krad(Si), 20 krad(Si), 30 krad(Si)
LDR Radiation Facility	Radiation Test Solutions (RTS), Colorado Springs, Colorado
LDR Dose Level	10 krad(Si), 20 krad(Si), 30 krad(Si)
LDR Dose Rate	10 mrad(Si)/s
LDR Radiation Source	Gammacell (JLS-81-22) Co-60
Irradiation Temperature	Ambient, room temperature

## 2 Total Dose Test Setup

### 2.1 Test Overview

The OPA4H014-SEP samples, in a biased configuration, were irradiated at a high dose rate of 50-300 rad(Si)/s up to a maximum of 30 krad(Si) and then put through full electrical parametric testing on the production Automated Test Equipment (ATE). Three additional samples were irradiated to 50 krad(Si) for one-time characterization, following the same procedure.

Since the OPA4H014-SEP BICOM-3XHV process technology contains bipolar components, biased and unbiased LDR are also performed, up to 30 krad(Si). Parametric values from HDR and LDR results are compared to determine that the OPA4H014-SEP is not considered Enhanced Low Dose Rate Sensitive (ELDRS).

### 2.2 Test Description and Facilities

The OPA4H014-SEP HDR exposure was performed on biased devices in a Co60 gamma cell at TI SVA facility in Santa Clara, California. The unattenuated dose rate of this cell is 50-300 rad(Si) / s. After exposure, the devices were packed in dry ice and returned to TI Dallas for a full post irradiation electrical evaluation using Texas Instruments ATE. ATE guard band test limits are set within data sheet electrical specifications to maintain a minimum Cpk and test error margin based on initial qualification and characterization data. Post irradiation measurements were taken within 30 minutes of removal of the devices from the dry ice container. The devices were allowed to reach room temperature prior to electrical post radiation measurements.

The OPA4H014-SEP LDR exposure was performed on biased and unbiased devices in a Co-60 gammacell under a 10-mrad(Si) / s exposure rate. The dose rate of the irradiator used in the exposure ranges from less than 10 mrad(Si) / s to a maximum of approximately 84 rad(Si)/s, determined by the distance from the source. For the LDR (10 mrad(Si) / s) exposure, the test box was positioned approximately 2 m from the source. The exposure boards are housed in a lead-aluminum box (as specified in MIL-STD-883 TM 1019.9) to harden the gamma spectrum and minimize dose enhancement effects. The irradiator calibration is maintained by Logmire Laboratories using Thermoluminescence Dosimeters (TLDs) traceable to the National Institute of Standards and Technology (NIST) and the dosimetry was verified using TLDs prior to the radiation exposures. After dosage to each incremental, specified test level, devices were electrically tested at TI Dallas using Texas Instruments ATE. The devices were then returned to the irradiation facility to continue to be dosed to the next level, until the maximum exposure level of 30 krad(Si) was reached.

## 2.3 Test Setup Details

For unbiased LDR, devices conductive foam was used to short all pins and prevent uneven charging. For biased LDR and HDR testing, the devices were tested in biased conditions as described below:

### 2.3.1 Biased Device Configuration

Figure 2-1 shows the bias conditions for each pin during irradiation. A single-ended supply of 18 V was used for V+. Figure 2-2 shows an example of one of the bias boards used for the testing.

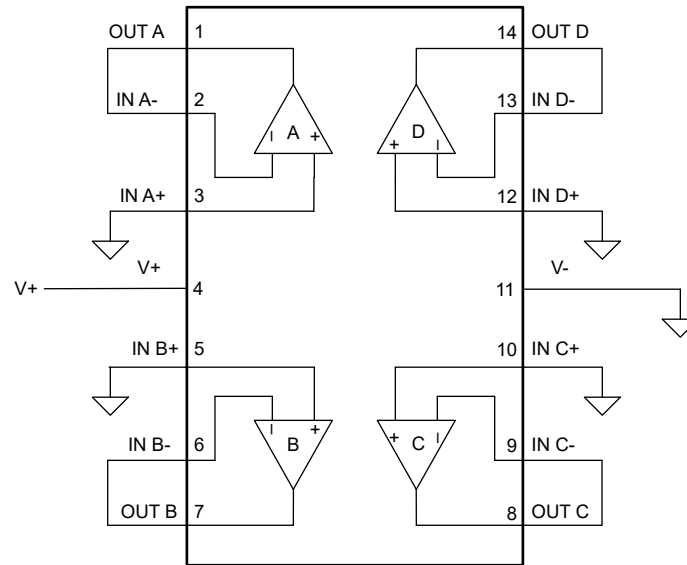


Figure 2-1. OPA4H014-SEP Bias Diagram

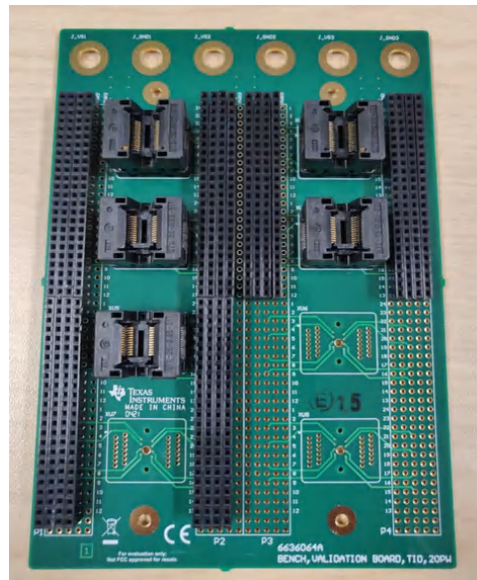


Figure 2-2. OPA4H014-SEP TID Bias Board

## 2.4 Test Configuration and Condition

From initial HDR feasibility studies, the difference between pre and post irradiation was greater for samples that were biased; hence for RLAT, 22 sample units are used at the 50-300 rad(Si) / s dose level with biased setup conditions. This is repeated for each wafer lot. For this HDR characterization, 12 sample units were exposed under biased setup conditions.

For LDR characterization, five sample units were exposed under biased setup conditions and five sample units were exposed under unbiased conditions.

The tables below list the serialized samples used for HDR and LDR characterization, as well as the specification compliance matrix for the device.

**Table 2-1. HDR = 59.2 rad(Si) / s Device Information**

HDR = 59.2 rad(Si) / s				
Total Samples: 12 (+ one control)				
Exposure Levels				
0 krad (Si)	10 krad(Si)	20 krad(Si)	30 krad(Si)	50 krad (Si)
16	1, 2, 3	4, 5, 6	7, 8, 9	10, 11, 12

**Table 2-2. LDR = 10 mrad(Si) / s Device Information**

LDR = 10 mrad(Si)/s		
Total Samples: 10		
Exposure Levels		
10 krad(Si)	20 krad(Si)	30 krad(Si)
Biased: 1b, 2b, 3b, 4b, 5b Unbiased: 6b, 7b, 8b, 9b, 10b	Biased: 1c, 2c, 3c, 4c, 5c Unbiased: 6c, 7c, 8c, 9c, 10c	Biased: 1d, 2d, 3d, 4d, 5d Unbiased: 6d, 7d, 8d, 9d, 10d

**Table 2-3. OPA4H014-SEP Specification Compliance Matrix**

Parameter	Test Condition	OPA4H014-SEP Data Sheet (SBOSA94)				Test Number
		MIN	TYP	MAX	Unit	
Input offset voltage			±30	±120	μV	500.0-503.0, 710.0-713.0, 730.0-733.0
	$V_S = \pm 9\text{ V}$			±220		1100.0-1103.0, 1900.0-1903.0, 2100.0-2103.0, 2310.0-2313.0, 2330.0-2333.0, 2510.0-2513.0, 2530.0-2533.0, 3110.0-3113.0
Power-supply rejection ratio			±0.1	±0.5	μV/V	3700.0-3703.0
Input bias current			±0.5	±10	pA	1300.0-1303.0, 1500.0-1503.0
Input offset current			±0.5	±10		1700.0-1703.0
Common-mode rejection ratio	$V_S = \pm 9\text{ V}, (V-) - 0.1\text{ V} < V_{CM} < (V+) - 3.5\text{ V}$	126	140		dB	3900.0-3903.0
Open-loop voltage gain	$(V-) + 0.35\text{ V} < V_{OUT} < (V+) - 0.35\text{ V}, R_L = 10\text{ k}\Omega$	120	126		dB	2540.0-2543.0
	$(V-) + 0.35\text{ V} < V_{OUT} < (V+) - 0.35\text{ V}, R_L = 2\text{ k}\Omega$	114	126			740.0-743.0, 2340.0-2343.0
Gain bandwidth			11		MHz	2900.0-2903.0
Slew rate			20		V/μs	2700.0-2703.0, 2710.0-2713.0
Voltage output swing from rail	$R_L = 10\text{ k}\Omega, A_{OL} \geq 108\text{ dB}$		$(V-) + 0.2$	$(V-) + 0.2$	V	2500.0-2503.0, 2520.0-2523.0
	$R_L = 2\text{ k}\Omega, A_{OL} \geq 108\text{ dB}$		$(V+) - 0.35$	$(V+) - 0.35$		700.0-703.0, 720.0-723.0, 2300.0-2303.0, 2320.0-2323.0
Short-circuit current	Source		36		mA	3300.0-3303.0
	Sink		-30			3500.0-3503.0
Quiescent current (per amplifier)	$I_O = 0\text{ A}$		1.8	2	mA	300.0-300.1, 900.0-900.1, 4100.0-4100.1, 4500.0, 4500.1

## 3 Total Ionizing Dose Characterization Test Results

### 3.1 HDR Characterization Results

The parametric data for the OPA4H014-SEP show the device passes up to 30 krad(Si) under HDR. No functional failures were observed on any samples, and all tested parameters were found to remain within the limits of the production ATE test program (and thus within the data sheet limits).

One-time characterization shows that all parameters except for the input bias current remain within the specified data sheet limits up to 50 krad(Si). Input bias current ( $I_B$ ) for the OPA4H014-SEP is specified as  $\pm 0.5$  pA typical and  $\pm 10$  pA maximum at  $T_A = 25^\circ\text{C}$ . The input bias current was measured at  $V_S = \pm 9$  V, with test limits of  $\pm 6$  pA for guardbanding purposes.

After irradiation to 50 krad(Si), a mean post-irradiation  $I_B$  value of 11.93 pA and maximum post-irradiation  $I_B$  value of 14.77 pA were recorded for the inverting inputs. A mean post-irradiation  $I_B$  value of 14.06 pA and maximum post-irradiation  $I_B$  value of 16.08 pA were recorded for the noninverting inputs. The increase in  $I_B$  was observed on all three of the devices tested, with bias currents in excess of the data sheet specification for all four channels except in the case of unit 10 (which had a single channel remain within the test limits). The input offset current remained within the data sheet specification for all devices, implying the damage mechanism can affect both the inverting and non-inverting inputs in a comparable manner.

Note also that while the value of  $I_B$  is specified as  $\pm 10$  pA maximum at  $T_A = 25^\circ\text{C}$ , the value is specified as  $\pm 3$  nA across the device operating temperature range ( $T_A = -55^\circ\text{C}$  to  $+125^\circ\text{C}$ ), and all of the  $I_B$  data recorded at 50 krad(Si) remained well within this limit.

### 3.2 LDR Characterization Results

The parametric data for the one-time LDR characterization of the OPA4H014-SEP show the device passes up to 30 krad(Si) under LDR. No functional failures were observed on any samples, and all tested parameters were found to remain within the limits of the production ATE test program (and thus within the data sheet limits).

When comparing the results of those samples exposed under biased and unbiased conditions, no significant differences or trends for parametric shifts were observed. Full data for all ATE tests performed are included in the report appendix.

### 3.3 ELDRS Characterization Results

Post-irradiation HDR and LDR parametric data for the OPA4H014-SEP were compared at 10 krad(Si), 20 krad(Si), and 30 krad(Si), and no parametric failures were found under either irradiation condition. All tested parameters are found to be within the data sheet specifications and the guardbanded test limits. A comparison of the median radiation-induced parametric change at low dose rates ( $\Delta\text{PARA}_{\text{LDR}}$ ) to the median radiation-induced parametric change at high dose rates ( $\Delta\text{PARA}_{\text{HDR}}$ ) showed that for some parameters,  $\Delta\text{PARA}_{\text{LDR}} > 1.5 \times \Delta\text{PARA}_{\text{HDR}}$ . This is because the small magnitude of the actual shifts for both exposure conditions leads to high ratiometric results when the two are compared. Because the measured post-LDR values of all parameters are below the pre-irradiation electrical specification limits at the specification dose, the OPA4H014-SEP is not considered Enhanced Low Dose Rate Sensitive to 30 krad(Si) under MIL-STD-883, Method 1019.

Because the OPA4H014-SEP is non-ELDRS, production RLAT for the device is performed with high dose rate Condition A to a maximum total dose of 30 krad(Si), as specified in MIL-STD-883, Method 1019. The radiation end point limits for the specified parameters are guaranteed only for the conditions specified in MIL-STD-883, Method 1019, Condition A.

### 3.4 Summary of Results

The parametric data for the OPA4H014-SEP show the device passes up to the specified level of 30 krad(Si) under HDR. No functional failures were observed on any samples, and all tested parameters were found to remain within the limits of the production ATE test program (and thus within the data sheet limits) at 10 krad(Si), 20 krad(Si), and 30 krad(Si). An additional one-time characterization to 50 krad(Si) was performed, which showed parametric failures of the input bias current for nearly all tested device inputs, but no values greater than 16.08 pA (as compared to the specification of  $\pm 10$  pA).

The parametric data for the OPA4H014-SEP show the device passes up to 30 krad(Si) under LDR. No functional failures were observed on any samples, and all tested parameters were found to remain within the limits of the production ATE test program (and as a result, within the data sheet limits) at 10 krad(Si), 20 krad(Si), and 30 krad(Si).

As the device passes up to 30 krad(Si) under both HDR and LDR conditions, and the measured post-LDR values of all parameters are below the pre-irradiation electrical specification limits at the specification dose, the OPA4H014-SEP is considered non-ELDRS to 30 krad(Si).



## **A High Dose Rate Total Ionizing Dose Report**

This appendix provides the OPA4H014-SEP HDR TID report. The report shows the variation for each parameter up to 50 krad(Si).

Delta Threshold 10.00%

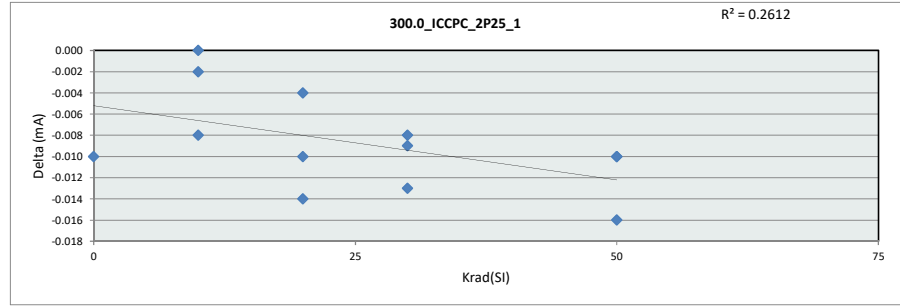
## HDR TID Report OPA4H014-SEP

# HDR TID Report OPA4H014-SEP

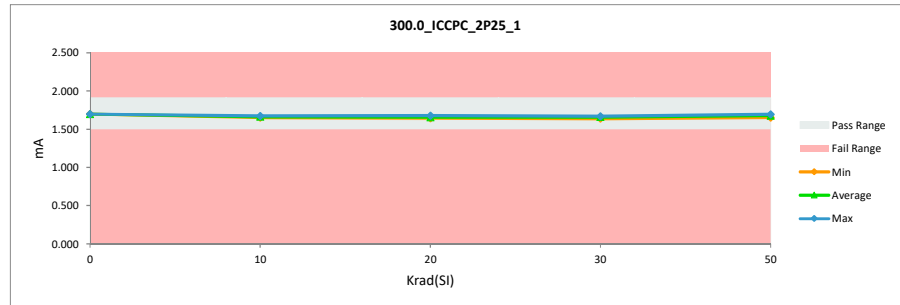
300.0 ICCPC_2P25_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	1.91	1.91
Min Limit	1.5	1.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.698	1.708	-0.010	-0.59%	2.44%
10	1	1.674	1.674	0.000	0.00%	0.00%
10	2	1.661	1.663	-0.002	-0.12%	0.49%
10	3	1.652	1.660	-0.008	-0.48%	1.95%
20	4	1.644	1.648	-0.004	-0.24%	0.98%
20	5	1.677	1.691	-0.014	-0.83%	3.41%
20	6	1.651	1.661	-0.010	-0.61%	2.44%
30	7	1.667	1.675	-0.008	-0.48%	1.95%
30	8	1.670	1.683	-0.013	-0.78%	3.17%
30	9	1.637	1.646	-0.009	-0.55%	2.20%
50	10	1.695	1.711	-0.016	-0.94%	3.90%
50	11	1.681	1.691	-0.010	-0.59%	2.44%
50	12	1.653	1.663	-0.010	-0.60%	2.44%
	Max	1.698	1.711	0.000	0.00%	3.90%
	Average	1.666	1.675	-0.009	-0.53%	2.14%
	Min	1.637	1.646	-0.016	-0.94%	0.00%
	Std Dev	0.019	0.021	0.005	0.27%	1.11%

TID Report



300.0 ICCPC_2P25_1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	1.91 mA				
Min Limit	1.5 mA				
krad(Si)	0	10	20	30	50
LL	1.500	1.500	1.500	1.500	1.500
Min	1.698	1.652	1.644	1.637	1.653
Average	1.698	1.662	1.657	1.658	1.676
Max	1.698	1.674	1.677	1.670	1.695
UL	1.910	1.910	1.910	1.910	1.910

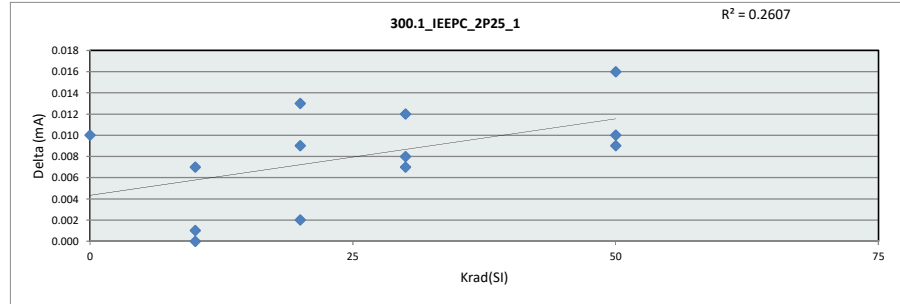


# HDR TID Report OPA4H014-SEP

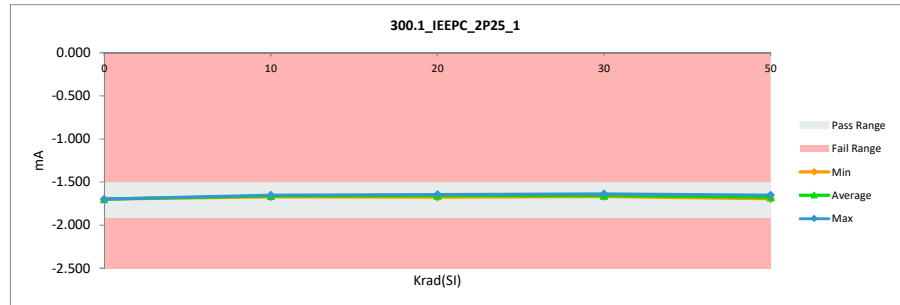
300.1_IEEPC_2P25_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-1.5	-1.5
Min Limit	-1.91	-1.91

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-1.697	-1.707	0.010	-0.59%	2.44%
10	1	-1.673	-1.673	0.000	0.00%	0.00%
10	2	-1.661	-1.662	0.001	-0.06%	0.24%
10	3	-1.652	-1.659	0.007	-0.42%	1.71%
20	4	-1.644	-1.646	0.002	-0.12%	0.49%
20	5	-1.677	-1.690	0.013	-0.78%	3.17%
20	6	-1.651	-1.660	0.009	-0.55%	2.20%
30	7	-1.667	-1.674	0.007	-0.42%	1.71%
30	8	-1.670	-1.682	0.012	-0.72%	2.93%
30	9	-1.637	-1.645	0.008	-0.49%	1.95%
50	10	-1.694	-1.710	0.016	-0.94%	3.90%
50	11	-1.681	-1.690	0.009	-0.54%	2.20%
50	12	-1.652	-1.662	0.010	-0.61%	2.44%
	Max	-1.637	-1.645	0.016	0.00%	3.90%
	Average	-1.666	-1.674	0.008	-0.48%	1.95%
	Min	-1.697	-1.710	0.000	-0.94%	0.00%
	Std Dev	0.019	0.021	0.005	0.28%	1.15%

TID Report



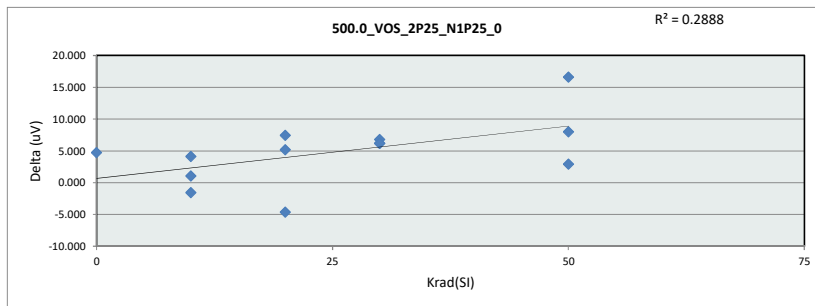
300.1_IEEPC_2P25_1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-1.5 mA				
Min Limit	-1.91 mA				
krad(Si)	0	10	20	30	50
LL	-1.910	-1.910	-1.910	-1.910	-1.910
Min	-1.697	-1.673	-1.677	-1.670	-1.694
Average	-1.697	-1.662	-1.657	-1.658	-1.676
Max	-1.697	-1.652	-1.644	-1.637	-1.652
UL	-1.500	-1.500	-1.500	-1.500	-1.500



# HDR TID Report OPA4H014-SEP

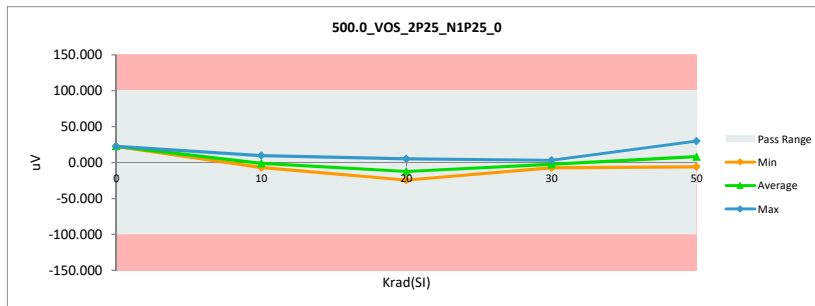
500.0_VOS_2P25_N1P25_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	100	100
Min Limit	-100	-100

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	22.630	17.910	4.720	20.86%	2.36%
10	1	-6.950	-5.400	-1.550	22.30%	0.77%
10	2	-5.950	-7.020	1.070	-17.98%	0.54%
10	3	9.720	5.590	4.130	42.49%	2.07%
20	4	-18.390	-23.580	5.190	-28.22%	2.60%
20	5	-24.290	-31.710	7.420	-30.55%	3.71%
20	6	5.320	9.940	-4.620	-86.84%	2.31%
30	7	-7.320	-14.080	6.760	-92.35%	3.38%
30	8	3.330	-2.840	6.170	185.29%	3.08%
30	9	-3.300	-9.460	6.160	-186.67%	3.08%
50	10	-5.840	-22.410	16.570	-283.73%	8.28%
50	11	0.390	-7.620	8.010	2053.85%	4.00%
50	12	29.960	27.050	2.910	9.71%	1.45%
	Max	29.960	27.050	16.570	2053.85%	8.28%
	Average	-0.053	-4.895	4.842	123.70%	2.90%
	Min	-24.290	-31.710	-4.620	-283.73%	0.54%
	Std Dev	14.872	16.751	5.086	590.90%	1.93%



500.0_VOS_2P25_N1P25_0		
Test Site	TI Dallas	
Tester	ETS364	
Test Number	EB6298	
Max Limit	100	uV
Min Limit	-100	uV

krad(Si)	0	10	20	30	50
LL	-100.000	-100.000	-100.000	-100.000	-100.000
Min	22.630	-6.950	-24.290	-7.320	-5.840
Average	22.630	-1.060	-12.453	-2.430	8.170
Max	22.630	9.720	5.320	3.330	29.960
UL	100.000	100.000	100.000	100.000	100.000

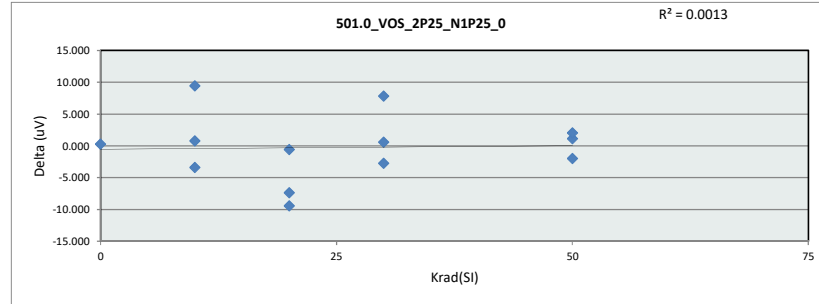


# HDR TID Report OPA4H014-SEP

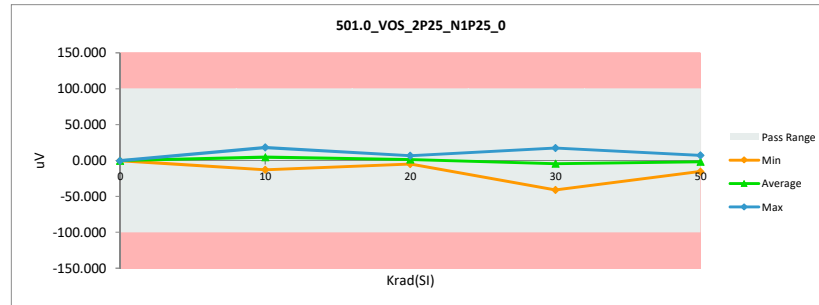
501.0_VOS_2P25_N1P25_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	100	100
Min Limit	-100	-100

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.120	-0.380	0.260	-216.67%	0.13%
10	1	9.010	12.420	-3.410	-37.85%	1.70%
10	2	18.180	17.380	0.800	4.40%	0.40%
10	3	-12.960	-22.390	9.430	-72.76%	4.71%
20	4	6.640	16.090	-9.450	-142.32%	4.73%
20	5	-4.760	-4.200	-0.560	11.76%	0.28%
20	6	2.880	10.230	-7.350	-255.21%	3.67%
30	7	-40.980	-41.550	0.570	-1.39%	0.28%
30	8	17.320	9.480	7.840	45.27%	3.92%
30	9	11.000	13.720	-2.720	-24.73%	1.36%
50	10	7.380	6.250	1.130	15.31%	0.57%
50	11	2.880	0.840	2.040	70.83%	1.02%
50	12	-15.290	-13.280	-2.010	13.15%	1.01%
Max		18.180	17.380	9.430	70.83%	4.73%
Average		0.091	0.355	-0.264	-45.40%	1.83%
Min		-40.980	-41.550	-9.450	-255.21%	0.13%
Std Dev		15.946	17.219	5.185	100.21%	1.76%

TID Report



501.0_VOS_2P25_N1P25_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	100	uV			
Min Limit	-100	uV			
krad(Si)	0	10	20	30	50
LL	-100.000	-100.000	-100.000	-100.000	-100.000
Min	-0.120	-12.960	-4.760	-40.980	-15.290
Average	-0.120	4.743	1.587	-4.220	-1.677
Max	-0.120	18.180	6.640	17.320	7.380
UL	100.000	100.000	100.000	100.000	100.000

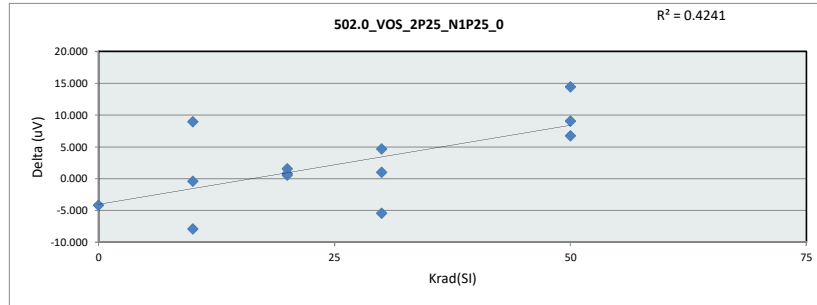


# HDR TID Report OPA4H014-SEP

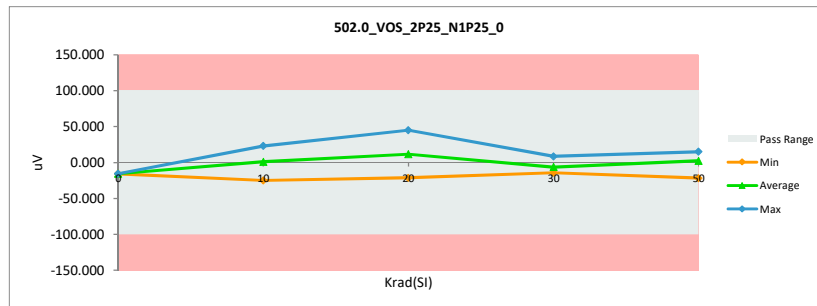
502.0_VOS_2P25_N1P25_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	100	100
Min Limit	-100	-100

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-15.630	-11.460	-4.170	26.68%	2.09%
10	1	-24.890	-24.490	-0.400	1.61%	0.20%
10	2	4.900	12.830	-7.930	-161.84%	3.96%
10	3	23.090	14.160	8.930	38.67%	4.47%
20	4	-21.330	-21.890	0.560	-2.63%	0.28%
20	5	11.520	9.990	1.530	13.28%	0.77%
20	6	45.070	44.280	0.790	1.75%	0.40%
30	7	-13.100	-17.750	4.650	-35.50%	2.32%
30	8	-14.220	-8.770	-5.450	38.33%	2.72%
30	9	8.700	7.710	0.990	11.38%	0.49%
50	10	14.030	4.970	9.060	64.58%	4.53%
50	11	15.120	8.410	6.710	44.38%	3.36%
50	12	-21.780	-36.190	14.410	-66.16%	7.20%
	Max	45.070	44.280	14.410	64.58%	7.20%
	Average	0.883	-1.400	2.283	-1.96%	2.52%
	Min	-24.890	-36.190	-7.930	-161.84%	0.20%
	Std Dev	21.172	21.344	6.343	59.10%	2.14%

TID Report



502.0_VOS_2P25_N1P25_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	100	uV			
Min Limit	-100	uV			
krad(Si)	0	10	20	30	50
LL	-100.000	-100.000	-100.000	-100.000	-100.000
Min	-15.630	-24.890	-21.330	-14.220	-21.780
Average	-15.630	1.033	11.753	-6.207	2.457
Max	-15.630	23.090	45.070	8.700	15.120
UL	100.000	100.000	100.000	100.000	100.000

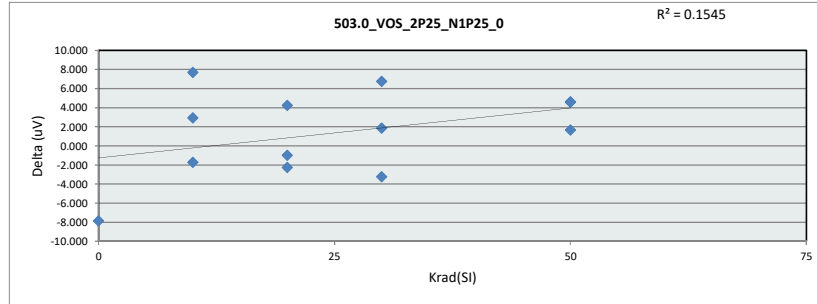


# HDR TID Report OPA4H014-SEP

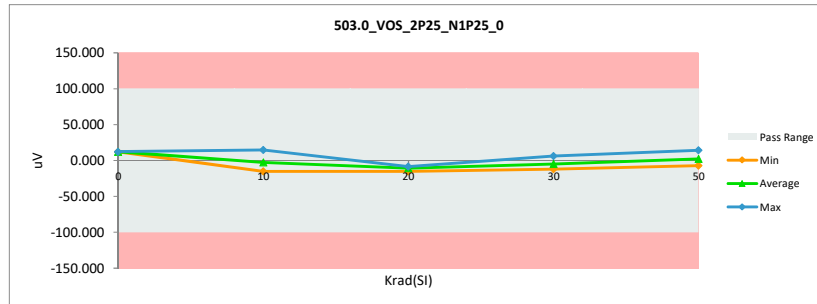
503.0_VOS_2P25_N1P25_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	100	100
Min Limit	-100	-100

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	12.330	20.210	-7.880	-63.91%	3.94%
10	1	14.850	11.910	2.940	19.80%	1.47%
10	2	-15.150	-13.430	-1.720	11.35%	0.86%
10	3	-7.110	-14.820	7.710	-108.44%	3.85%
20	4	-8.720	-7.720	-1.000	11.47%	0.50%
20	5	-8.230	-12.470	4.240	-51.52%	2.12%
20	6	-15.170	-12.890	-2.280	15.03%	1.14%
30	7	-8.870	-5.620	-3.250	36.64%	1.63%
30	8	-12.090	-13.940	1.850	-15.30%	0.92%
30	9	6.400	-0.370	6.770	105.78%	3.39%
50	10	14.410	9.810	4.600	31.92%	2.30%
50	11	-0.740	-5.300	4.560	-616.22%	2.28%
50	12	-7.160	-8.810	1.650	-23.04%	0.83%
Max		14.850	20.210	7.710	105.78%	3.94%
Average		-2.712	-4.111	1.399	-49.73%	1.94%
Min		-15.170	-14.820	-7.880	-616.22%	0.50%
Std Dev		11.016	11.328	4.438	178.25%	1.17%

TID Report



503.0_VOS_2P25_N1P25_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	100	uV			
Min Limit	-100	uV			
krad(Si)	0	10	20	30	50
LL	-100.000	-100.000	-100.000	-100.000	-100.000
Min	12.330	-15.150	-15.170	-12.090	-7.160
Average	12.330	-2.470	-10.707	-4.853	2.170
Max	12.330	14.850	-8.230	6.400	14.410
UL	100.000	100.000	100.000	100.000	100.000



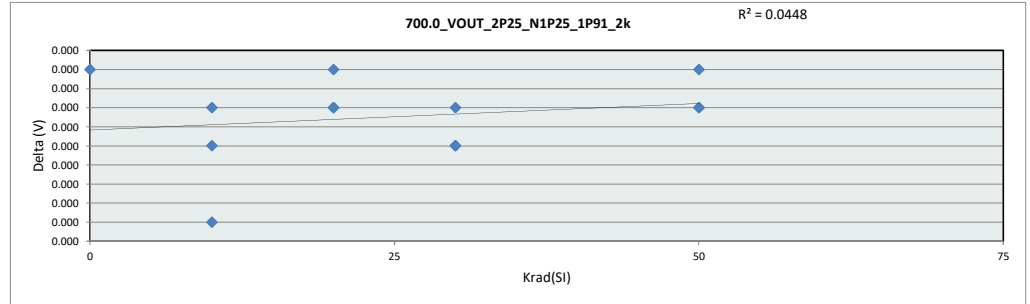


# HDR TID Report OPA4H014-SEP

700.0_VOUT_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

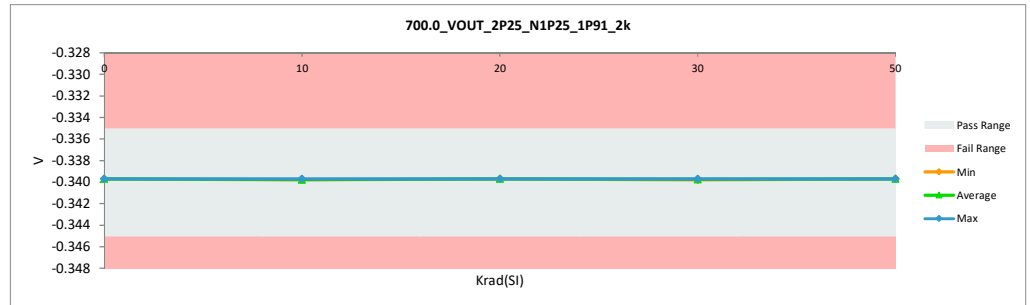
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.340	-0.340	0.000	-0.09%	3.00%
10	1	-0.340	-0.340	0.000	0.03%	1.00%
10	2	-0.340	-0.340	0.000	-0.03%	1.00%
10	3	-0.340	-0.340	0.000	-0.06%	2.00%
20	4	-0.340	-0.340	0.000	-0.06%	2.00%
20	5	-0.340	-0.340	0.000	-0.09%	3.00%
20	6	-0.340	-0.340	0.000	-0.06%	2.00%
30	7	-0.340	-0.340	0.000	-0.03%	1.00%
30	8	-0.340	-0.340	0.000	-0.06%	2.00%
30	9	-0.340	-0.340	0.000	-0.03%	1.00%
50	10	-0.340	-0.340	0.000	-0.06%	2.00%
50	11	-0.340	-0.340	0.000	-0.06%	2.00%
50	12	-0.340	-0.340	0.000	-0.09%	3.00%
Max		-0.340	-0.340	0.000	0.03%	3.00%
Average		-0.340	-0.340	0.000	-0.05%	1.92%
Min		-0.340	-0.340	0.000	-0.09%	1.00%
Std Dev		0.000	0.000	0.000	0.03%	0.76%

TID Report



700.0_VOUT_2P25_N1P25_1P					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.335				
Min Limit	-0.345				

krad(Si)	0	10	20	30	50
LL	-0.345	-0.345	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335	-0.335	-0.335

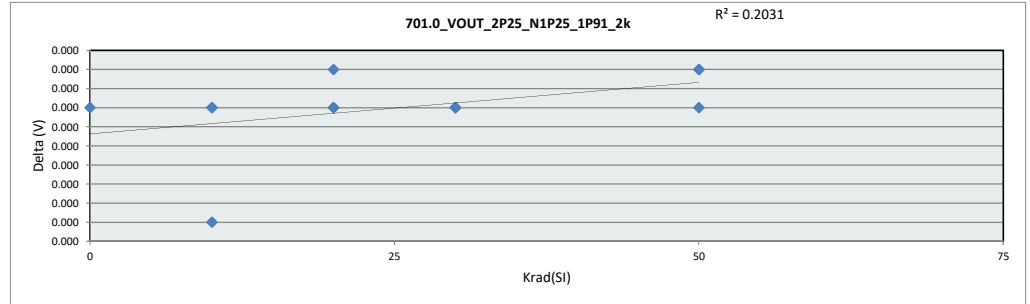


# HDR TID Report OPA4H014-SEP

701.0_VOUT_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

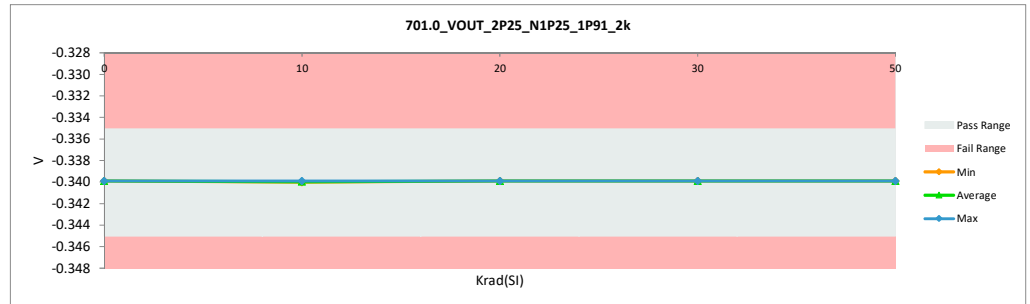
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.340	-0.340	0.000	-0.03%	1.00%
10	1	-0.340	-0.340	0.000	0.06%	2.00%
10	2	-0.340	-0.340	0.000	-0.03%	1.00%
10	3	-0.340	-0.340	0.000	-0.03%	1.00%
20	4	-0.340	-0.340	0.000	-0.03%	1.00%
20	5	-0.340	-0.340	0.000	-0.06%	2.00%
20	6	-0.340	-0.340	0.000	-0.03%	1.00%
30	7	-0.340	-0.340	0.000	-0.03%	1.00%
30	8	-0.340	-0.340	0.000	-0.03%	1.00%
30	9	-0.340	-0.340	0.000	-0.03%	1.00%
50	10	-0.340	-0.340	0.000	-0.03%	1.00%
50	11	-0.340	-0.340	0.000	-0.06%	2.00%
50	12	-0.340	-0.340	0.000	-0.06%	2.00%
	Max	-0.340	-0.340	0.000	0.06%	2.00%
	Average	-0.340	-0.340	0.000	-0.03%	1.31%
	Min	-0.340	-0.340	0.000	-0.06%	1.00%
	Std Dev	0.000	0.000	0.000	0.03%	0.48%

TID Report



701.0_VOUT_2P25_N1P25_1P					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.335				
Min Limit	-0.345				

krad(Si)	0	10	20	30	50
LL	-0.345	-0.345	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335	-0.335	-0.335

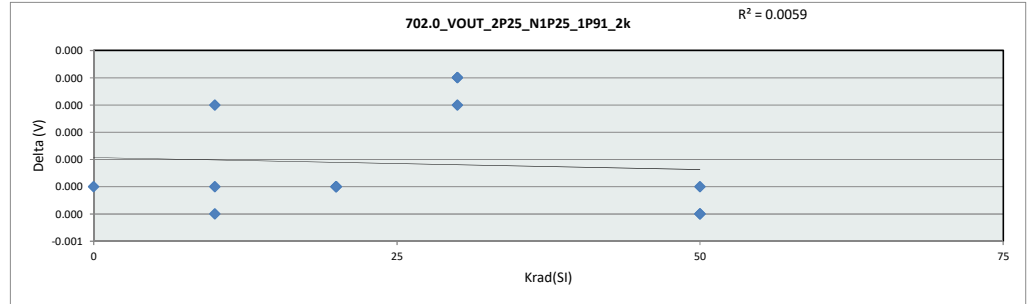


# HDR TID Report OPA4H014-SEP

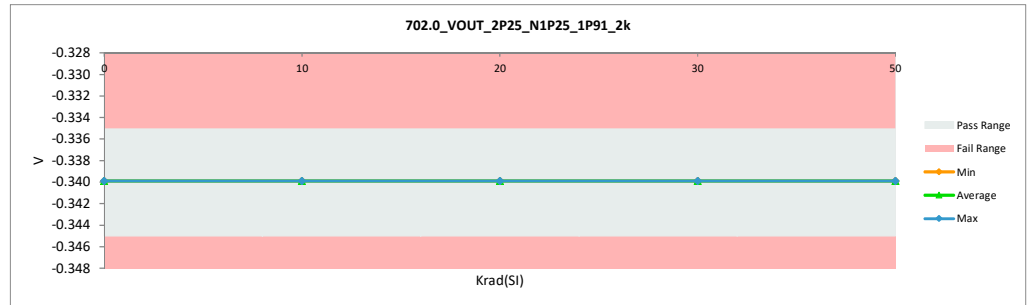
702.0_VOUT_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.340	-0.340	0.000	0.09%	3.00%
10	1	-0.340	-0.340	0.000	0.00%	0.00%
10	2	-0.340	-0.340	0.000	0.09%	3.00%
10	3	-0.340	-0.340	0.000	0.12%	4.00%
20	4	-0.340	-0.340	0.000	0.09%	3.00%
20	5	-0.340	-0.340	0.000	0.09%	3.00%
20	6	-0.340	-0.340	0.000	0.09%	3.00%
30	7	-0.340	-0.340	0.000	-0.03%	1.00%
30	8	-0.340	-0.340	0.000	0.00%	0.00%
30	9	-0.340	-0.340	0.000	-0.03%	1.00%
50	10	-0.340	-0.340	0.000	0.12%	4.00%
50	11	-0.340	-0.340	0.000	0.12%	4.00%
50	12	-0.340	-0.340	0.000	0.09%	3.00%
	Max	-0.340	-0.340	0.000	0.12%	4.00%
	Average	-0.340	-0.340	0.000	0.06%	2.46%
	Min	-0.340	-0.340	0.000	-0.03%	0.00%
	Std Dev	0.000	0.000	0.000	0.06%	1.45%

TID Report



702.0_VOUT_2P25_N1P25_1P					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.335				
Min Limit	-0.345				
		V			
		V			
krad(Si)	0	10	20	30	50
LL	-0.345	-0.345	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335	-0.335	-0.335

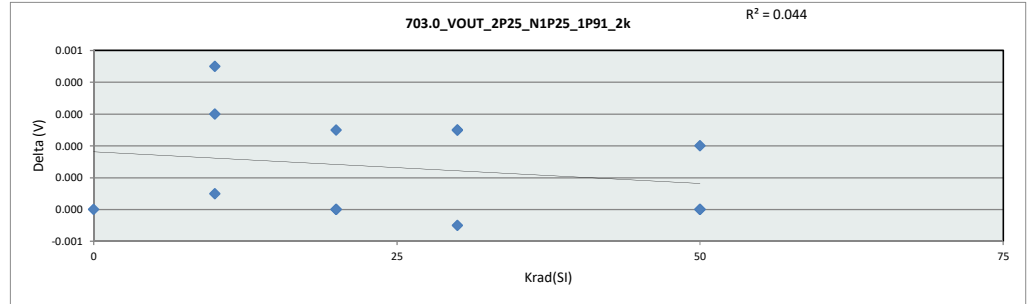


# HDR TID Report OPA4H014-SEP

703.0_VOUT_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

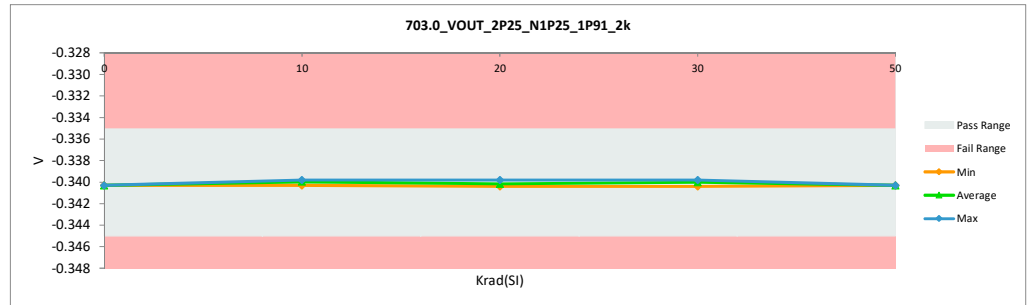
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.340	-0.340	0.000	0.12%	4.00%
10	1	-0.340	-0.340	0.000	-0.15%	5.00%
10	2	-0.340	-0.340	0.000	-0.06%	2.00%
10	3	-0.340	-0.340	0.000	0.09%	3.00%
20	4	-0.340	-0.340	0.000	0.12%	4.00%
20	5	-0.340	-0.340	0.000	0.12%	4.00%
20	6	-0.340	-0.340	0.000	-0.03%	1.00%
30	7	-0.340	-0.340	-0.001	0.15%	5.00%
30	8	-0.340	-0.340	0.000	-0.03%	1.00%
30	9	-0.340	-0.340	0.000	-0.03%	1.00%
50	10	-0.340	-0.340	0.000	0.00%	0.00%
50	11	-0.340	-0.340	0.000	0.12%	4.00%
50	12	-0.340	-0.340	0.000	0.12%	4.00%
	Max	-0.340	-0.340	0.000	0.15%	5.00%
	Average	-0.340	-0.340	0.000	0.04%	2.92%
	Min	-0.340	-0.340	-0.001	-0.15%	0.00%
	Std Dev	0.000	0.000	0.000	0.09%	1.71%

TID Report



703.0_VOUT_2P25_N1P25_1P					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.335				
Min Limit	-0.345				

krad(Si)	0	10	20	30	50
LL	-0.345	-0.345	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335	-0.335	-0.335

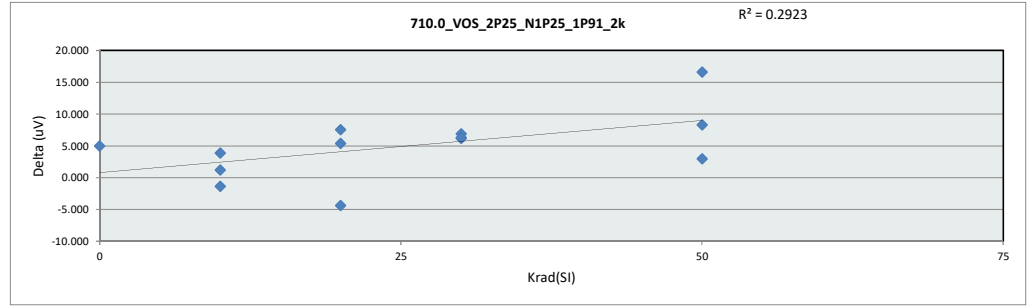


# HDR TID Report OPA4H014-SEP

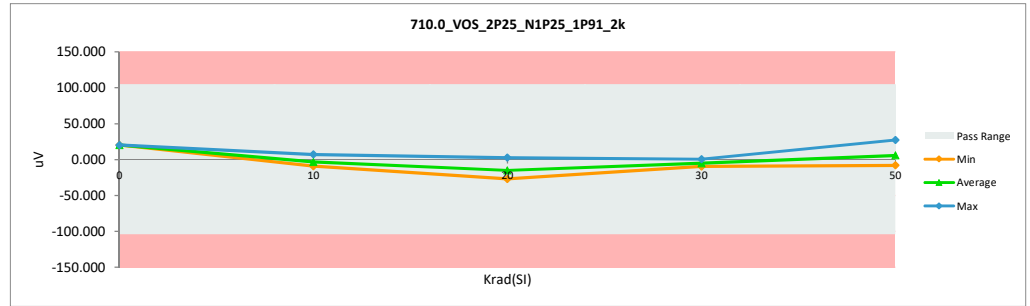
710.0_VOS_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	20.310	15.350	4.960	24.42%	2.38%
10	1	-9.270	-7.910	-1.360	14.67%	0.65%
10	2	-8.170	-9.350	1.180	-14.44%	0.57%
10	3	7.140	3.270	3.870	54.20%	1.86%
20	4	-20.800	-26.200	5.400	-25.96%	2.60%
20	5	-26.880	-34.400	7.520	-27.98%	3.62%
20	6	2.720	7.130	-4.410	-162.13%	2.12%
30	7	-9.710	-16.610	6.900	-71.06%	3.32%
30	8	0.420	-5.760	6.180	1471.43%	2.97%
30	9	-5.870	-12.160	6.290	-107.16%	3.02%
50	10	-8.060	-24.640	16.580	-205.71%	7.97%
50	11	-1.840	-10.110	8.270	-449.46%	3.98%
50	12	27.410	24.430	2.980	10.87%	1.43%
	Max	27.410	24.430	16.580	1471.43%	7.97%
	Average	-2.508	-7.458	4.951	39.36%	2.81%
	Min	-26.880	-34.400	-4.410	-449.46%	0.57%
	Std Dev	14.848	16.725	5.057	450.71%	1.87%

TID Report



710.0_VOS_2P25_N1P25_1P91					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	104	uV			
Min Limit	-104	uV			
krad(Si)	0	10	20	30	50
LL	-104.000	-104.000	-104.000	-104.000	-104.000
Min	20.310	-9.270	-26.880	-9.710	-8.060
Average	20.310	-3.433	-14.987	-5.053	5.837
Max	20.310	7.140	2.720	0.420	27.410
UL	104.000	104.000	104.000	104.000	104.000

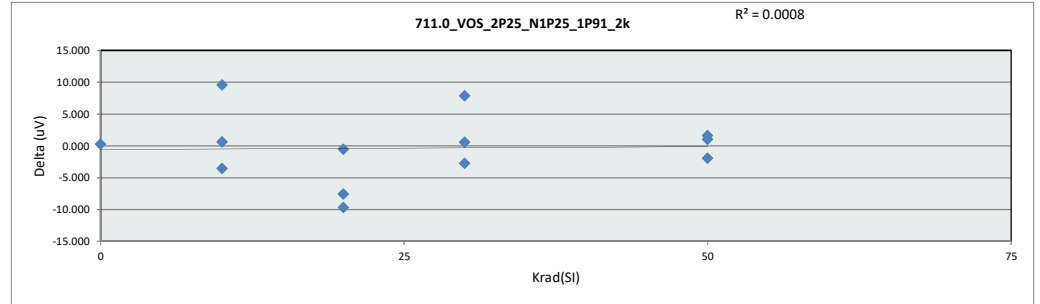


# HDR TID Report OPA4H014-SEP

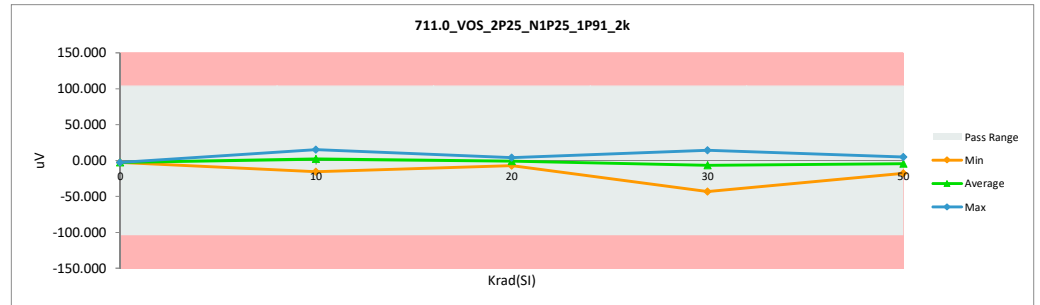
711.0_VOS_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-2.580	-2.830	0.250	-9.69%	0.12%
10	1	6.560	10.090	-3.530	-53.81%	1.70%
10	2	15.380	14.740	0.640	4.16%	0.31%
10	3	-15.500	-25.100	9.600	-61.94%	4.62%
20	4	3.950	13.650	-9.700	-245.57%	4.66%
20	5	-7.090	-6.580	-0.510	7.19%	0.25%
20	6	0.150	7.720	-7.570	-5046.67%	3.64%
30	7	-43.220	-43.810	0.590	-1.37%	0.28%
30	8	14.470	6.580	7.890	54.53%	3.79%
30	9	8.550	11.310	-2.760	-32.28%	1.33%
50	10	4.880	3.870	1.010	20.70%	0.49%
50	11	0.200	-1.430	1.630	815.00%	0.78%
50	12	-17.870	-15.930	-1.940	10.86%	0.93%
Max		15.380	14.740	9.600	815.00%	4.66%
Average		-2.471	-2.132	-0.338	-349.14%	1.76%
Min		-43.220	-43.810	-9.700	-5046.67%	0.12%
Std Dev		15.829	17.196	5.267	1432.37%	1.76%

TID Report



711.0_VOS_2P25_N1P25_1P91					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	104	uV			
Min Limit	-104	uV			
krad(Si)	0	10	20	30	50
LL	-104.000	-104.000	-104.000	-104.000	-104.000
Min	-2.580	-15.500	-7.090	-43.220	-17.870
Average	-2.580	2.147	-0.997	-6.733	-4.263
Max	-2.580	15.380	3.950	14.470	4.880
UL	104.000	104.000	104.000	104.000	104.000

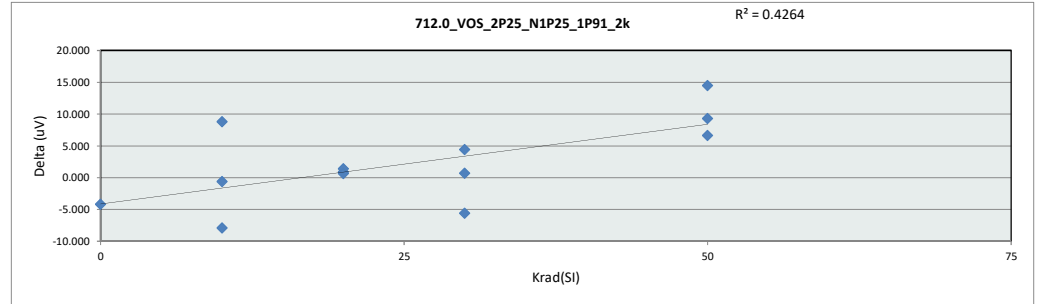


# HDR TID Report OPA4H014-SEP

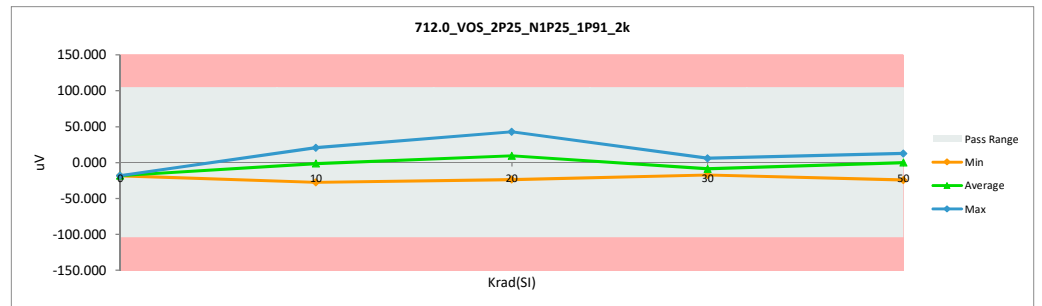
712.0_VOS_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-18.240	-14.070	-4.170	22.86%	2.00%
10	1	-27.490	-26.870	-0.620	2.26%	0.30%
10	2	2.520	10.440	-7.920	-314.29%	3.81%
10	3	20.690	11.870	8.820	42.63%	4.24%
20	4	-23.610	-24.530	0.920	-3.90%	0.44%
20	5	8.890	7.510	1.380	15.52%	0.66%
20	6	42.740	42.080	0.660	1.54%	0.32%
30	7	-15.460	-19.890	4.430	-28.65%	2.13%
30	8	-17.160	-11.570	-5.590	32.58%	2.69%
30	9	6.120	5.420	0.700	11.44%	0.34%
50	10	11.610	2.300	9.310	80.19%	4.48%
50	11	12.570	5.960	6.610	52.59%	3.18%
50	12	-24.360	-38.820	14.460	-59.36%	6.95%
Max		42.740	42.080	14.460	80.19%	6.95%
Average		-1.629	-3.859	2.230	-11.12%	2.43%
Min		-27.490	-38.820	-7.920	-314.29%	0.30%
Std Dev		21.230	21.432	6.375	97.68%	2.06%

TID Report



712.0_VOS_2P25_N1P25_1P91					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	104	uV			
Min Limit	-104	uV			
krad(Si)	0	10	20	30	50
LL	-104.000	-104.000	-104.000	-104.000	-104.000
Min	-18.240	-27.490	-23.610	-17.160	-24.360
Average	-18.240	-1.427	9.340	-8.833	-0.060
Max	-18.240	20.690	42.740	6.120	12.570
UL	104.000	104.000	104.000	104.000	104.000



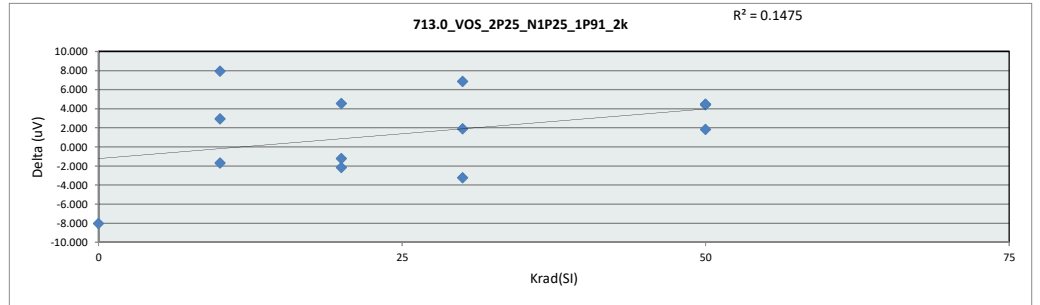
# HDR TID Report OPA4H014-SEP

## 713.0\_VOS\_2P25\_N1P25\_1P91

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	9.790	17.820	-8.030	-82.02%	3.86%
10	1	12.550	9.630	2.920	23.27%	1.40%
10	2	-17.580	-15.900	-1.680	9.56%	0.81%
10	3	-9.400	-17.330	7.930	-84.36%	3.81%
20	4	-11.260	-10.030	-1.230	10.92%	0.59%
20	5	-10.500	-15.030	4.530	-43.14%	2.18%
20	6	-17.540	-15.380	-2.160	12.31%	1.04%
30	7	-11.200	-7.950	-3.250	29.02%	1.56%
30	8	-14.830	-16.720	1.890	-12.74%	0.91%
30	9	4.130	-2.720	6.850	165.86%	3.29%
50	10	11.960	7.560	4.400	36.79%	2.12%
50	11	-3.140	-7.610	4.470	-142.36%	2.15%
50	12	-9.720	-11.540	1.820	-18.72%	0.87%
Max		12.550	17.820	7.930	165.86%	3.86%
Average		-5.134	-6.554	1.420	-7.36%	1.89%
Min		-17.580	-17.330	-8.030	-142.36%	0.59%
Std Dev		11.040	11.425	4.499	74.38%	1.14%

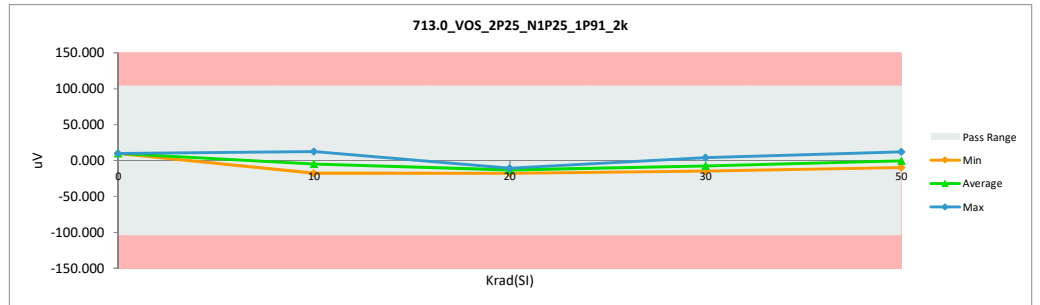
TID Report



## 713.0\_VOS\_2P25\_N1P25\_1P91

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	104 uV
Min Limit	-104 uV

krad(Si)	0	10	20	30	50
LL	-104.000	-104.000	-104.000	-104.000	-104.000
Min	9.790	-17.580	-17.540	-14.830	-9.720
Average	9.790	-4.810	-13.100	-7.300	-0.300
Max	9.790	12.550	-10.500	4.130	11.960
UL	104.000	104.000	104.000	104.000	104.000



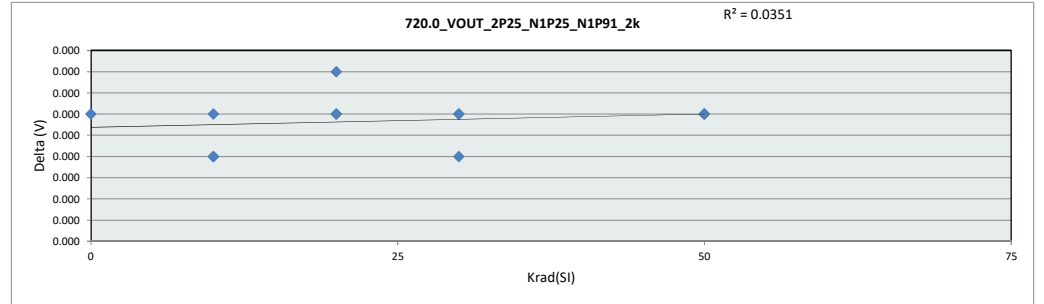


# HDR TID Report OPA4H014-SEP

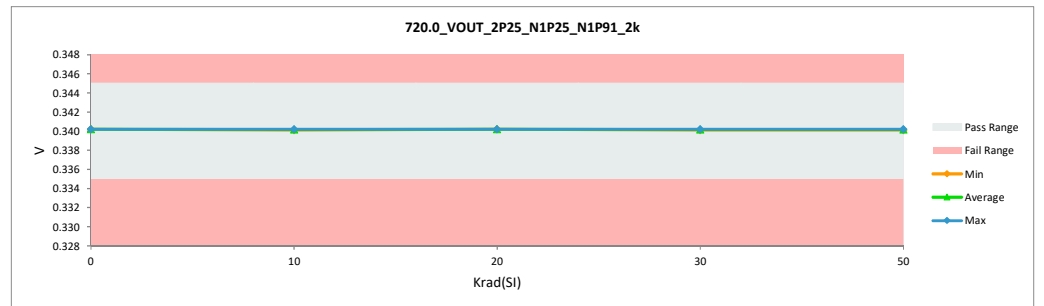
720.0_VOUT_2P25_N1P25_N1P		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.340	0.340	0.000	0.09%	3.00%
10	1	0.340	0.340	0.000	0.09%	3.00%
10	2	0.340	0.340	0.000	0.06%	2.00%
10	3	0.340	0.340	0.000	0.06%	2.00%
20	4	0.340	0.340	0.000	0.09%	3.00%
20	5	0.340	0.340	0.000	0.12%	4.00%
20	6	0.340	0.340	0.000	0.09%	3.00%
30	7	0.340	0.340	0.000	0.09%	3.00%
30	8	0.340	0.340	0.000	0.09%	3.00%
30	9	0.340	0.340	0.000	0.06%	2.00%
50	10	0.340	0.340	0.000	0.09%	3.00%
50	11	0.340	0.340	0.000	0.09%	3.00%
50	12	0.340	0.340	0.000	0.09%	3.00%
	Max	0.340	0.340	0.000	0.12%	4.00%
	Average	0.340	0.340	0.000	0.08%	2.85%
	Min	0.340	0.340	0.000	0.06%	2.00%
	Std Dev	0.000	0.000	0.000	0.02%	0.55%

TID Report



720.0_VOUT_2P25_N1P25_N1P					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.345				
Min Limit	0.335				
	0	10	20	30	50
LL	0.335	0.335	0.335	0.335	0.335
Min	0.340	0.340	0.340	0.340	0.340
Average	0.340	0.340	0.340	0.340	0.340
Max	0.340	0.340	0.340	0.340	0.340
UL	0.345	0.345	0.345	0.345	0.345

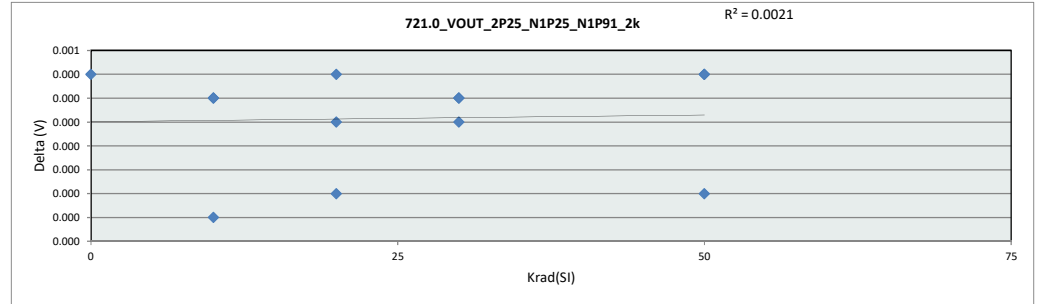


# HDR TID Report OPA4H014-SEP

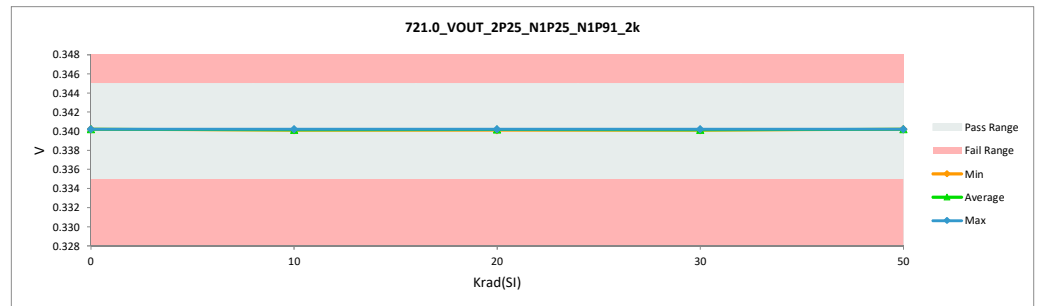
721.0_VOUT_2P25_N1P25_N1P		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.340	0.340	0.000	0.12%	4.00%
10	1	0.340	0.340	0.000	0.09%	3.00%
10	2	0.340	0.340	0.000	-0.06%	2.00%
10	3	0.340	0.340	0.000	0.09%	3.00%
20	4	0.340	0.340	0.000	0.12%	4.00%
20	5	0.340	0.340	0.000	-0.03%	1.00%
20	6	0.340	0.340	0.000	0.06%	2.00%
30	7	0.340	0.340	0.000	0.09%	3.00%
30	8	0.340	0.340	0.000	0.09%	3.00%
30	9	0.340	0.340	0.000	0.06%	2.00%
50	10	0.340	0.340	0.000	0.12%	4.00%
50	11	0.340	0.340	0.000	0.12%	4.00%
50	12	0.340	0.340	0.000	-0.03%	1.00%
Max		0.340	0.340	0.000	0.12%	4.00%
Average		0.340	0.340	0.000	0.06%	2.77%
Min		0.340	0.340	0.000	-0.06%	1.00%
Std Dev		0.000	0.000	0.000	0.06%	1.09%

TID Report



721.0_VOUT_2P25_N1P25_N1P					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.345				
Min Limit	0.335				
	0	10	20	30	50
LL	0.335	0.335	0.335	0.335	0.335
Min	0.340	0.340	0.340	0.340	0.340
Average	0.340	0.340	0.340	0.340	0.340
Max	0.340	0.340	0.340	0.340	0.340
UL	0.345	0.345	0.345	0.345	0.345

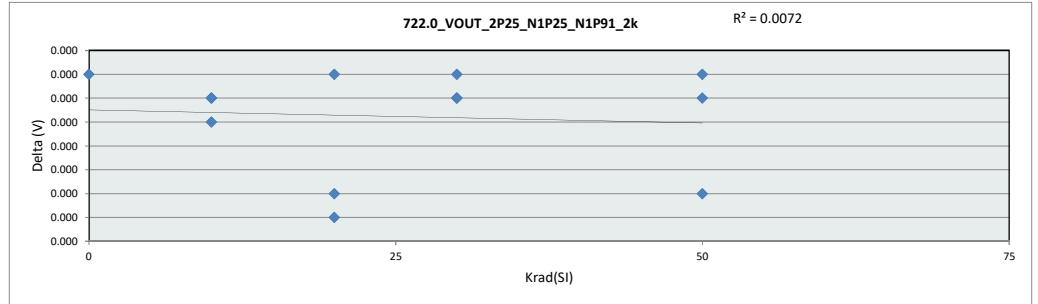


# HDR TID Report OPA4H014-SEP

722.0_VOUT_2P25_N1P25_N1P		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

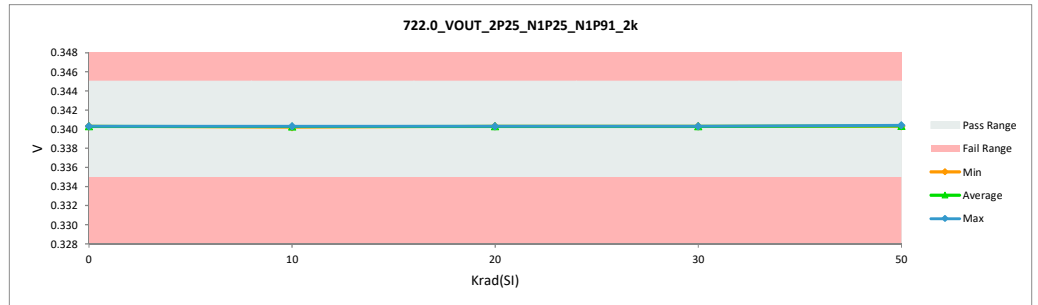
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.340	0.340	0.000	0.09%	3.00%
10	1	0.340	0.340	0.000	0.06%	2.00%
10	2	0.340	0.340	0.000	0.03%	1.00%
10	3	0.340	0.340	0.000	0.06%	2.00%
20	4	0.340	0.341	0.000	-0.09%	3.00%
20	5	0.340	0.340	0.000	-0.06%	2.00%
20	6	0.340	0.340	0.000	0.09%	3.00%
30	7	0.340	0.340	0.000	0.06%	2.00%
30	8	0.340	0.340	0.000	0.09%	3.00%
30	9	0.340	0.340	0.000	0.06%	2.00%
50	10	0.340	0.340	0.000	0.09%	3.00%
50	11	0.340	0.340	0.000	0.06%	2.00%
50	12	0.340	0.340	0.000	-0.06%	2.00%
Max		0.340	0.341	0.000	0.09%	3.00%
Average		0.340	0.340	0.000	0.04%	2.31%
Min		0.340	0.340	0.000	-0.09%	1.00%
Std Dev		0.000	0.000	0.000	0.06%	0.63%

TID Report



722.0_VOUT_2P25_N1P25_N1P					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.345				
Min Limit	0.335				

krad(Si)	0	10	20	30	50
LL	0.335	0.335	0.335	0.335	0.335
Min	0.340	0.340	0.340	0.340	0.340
Average	0.340	0.340	0.340	0.340	0.340
Max	0.340	0.340	0.340	0.340	0.340
UL	0.345	0.345	0.345	0.345	0.345

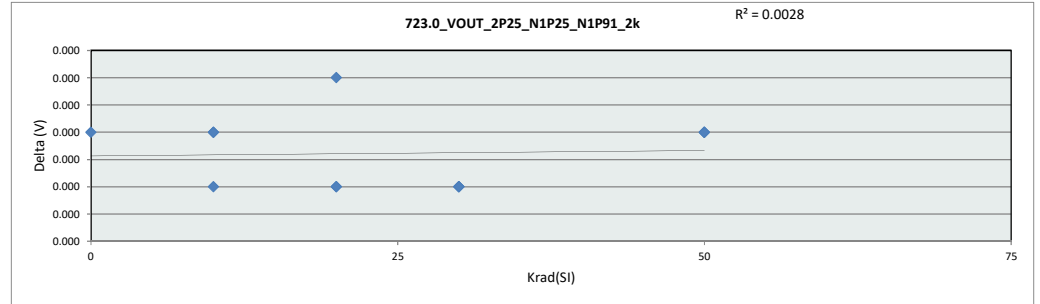


# HDR TID Report OPA4H014-SEP

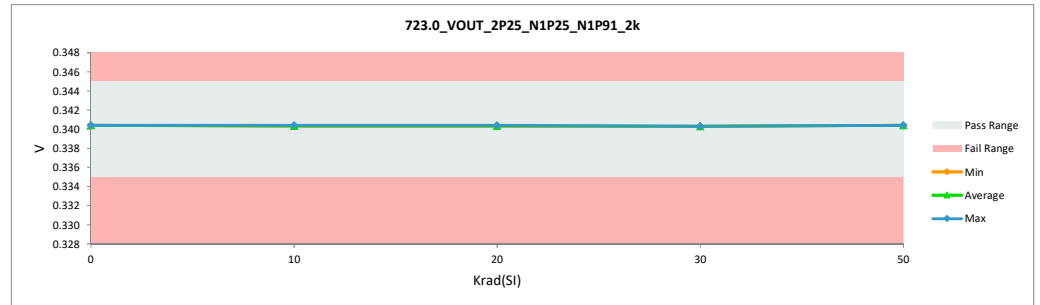
723.0_VOUT_2P25_N1P25_N1P1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.340	0.340	0.000	0.06%	2.00%
10	1	0.340	0.340	0.000	0.06%	2.00%
10	2	0.340	0.340	0.000	0.03%	1.00%
10	3	0.340	0.340	0.000	0.06%	2.00%
20	4	0.340	0.340	0.000	0.09%	3.00%
20	5	0.340	0.340	0.000	0.03%	1.00%
20	6	0.340	0.340	0.000	0.03%	1.00%
30	7	0.340	0.340	0.000	0.03%	1.00%
30	8	0.340	0.340	0.000	0.03%	1.00%
30	9	0.340	0.340	0.000	0.03%	1.00%
50	10	0.340	0.340	0.000	0.06%	2.00%
50	11	0.340	0.340	0.000	0.06%	2.00%
50	12	0.340	0.340	0.000	0.06%	2.00%
Max		0.340	0.340	0.000	0.09%	3.00%
Average		0.340	0.340	0.000	0.05%	1.62%
Min		0.340	0.340	0.000	0.03%	1.00%
Std Dev		0.000	0.000	0.000	0.02%	0.65%

TID Report



723.0_VOUT_2P25_N1P25_N1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.345				
Min Limit	0.335				
krad(Si)	0	10	20	30	50
LL	0.335	0.335	0.335	0.335	0.335
Min	0.340	0.340	0.340	0.340	0.340
Average	0.340	0.340	0.340	0.340	0.340
Max	0.340	0.340	0.340	0.340	0.340
UL	0.345	0.345	0.345	0.345	0.345

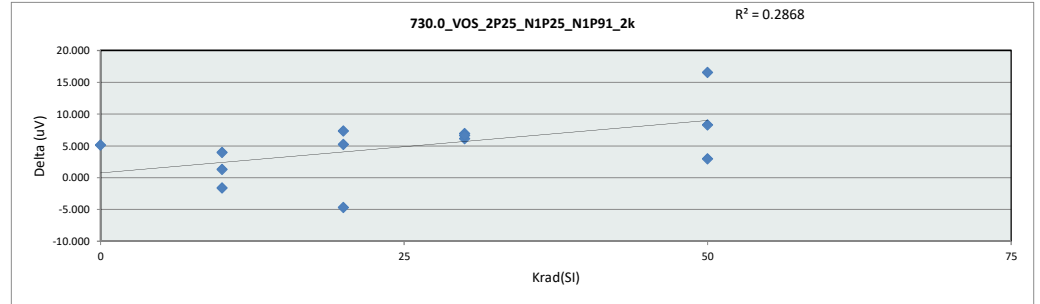


# HDR TID Report OPA4H014-SEP

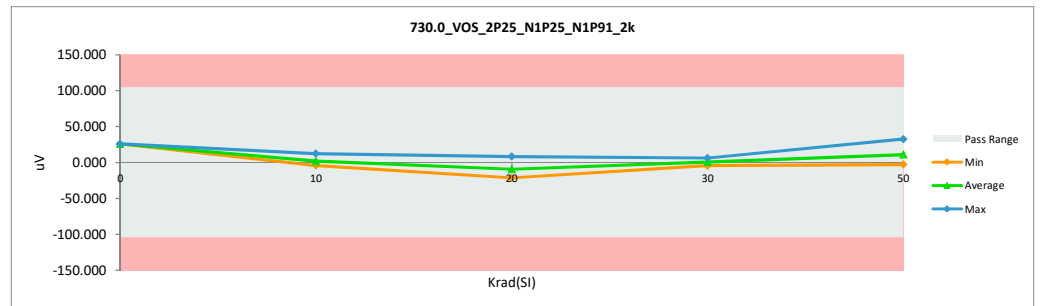
730.0_VOS_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	25.930	20.820	5.110	19.71%	2.46%
10	1	-4.000	-2.370	-1.630	40.75%	0.78%
10	2	-2.780	-4.070	1.290	-46.40%	0.62%
10	3	12.460	8.470	3.990	32.02%	1.92%
20	4	-15.260	-20.490	5.230	-34.27%	2.51%
20	5	-21.270	-28.590	7.320	-34.41%	3.52%
20	6	8.400	13.090	-4.690	-55.83%	2.25%
30	7	-4.320	-11.260	6.940	-160.65%	3.34%
30	8	6.420	0.270	6.150	95.79%	2.96%
30	9	0.080	-6.550	6.630	8287.50%	3.19%
50	10	-2.780	-19.320	16.540	-594.96%	7.95%
50	11	3.300	-5.010	8.310	251.82%	4.00%
50	12	32.820	29.870	2.950	8.99%	1.42%
	Max	32.820	29.870	16.540	8287.50%	7.95%
	Average	3.000	-1.934	4.934	600.77%	2.84%
	Min	-21.270	-28.590	-4.690	-594.96%	0.62%
	Std Dev	14.849	16.703	5.116	2317.57%	1.85%

TID Report



730.0_VOS_2P25_N1P25_N1P91					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	104	uV			
Min Limit	-104	uV			
krad(Si)	0	10	20	30	50
LL	-104.000	-104.000	-104.000	-104.000	-104.000
Min	25.930	-4.000	-21.270	-4.320	-2.780
Average	25.930	1.893	-9.377	0.727	11.113
Max	25.930	12.460	8.400	6.420	32.820
UL	104.000	104.000	104.000	104.000	104.000

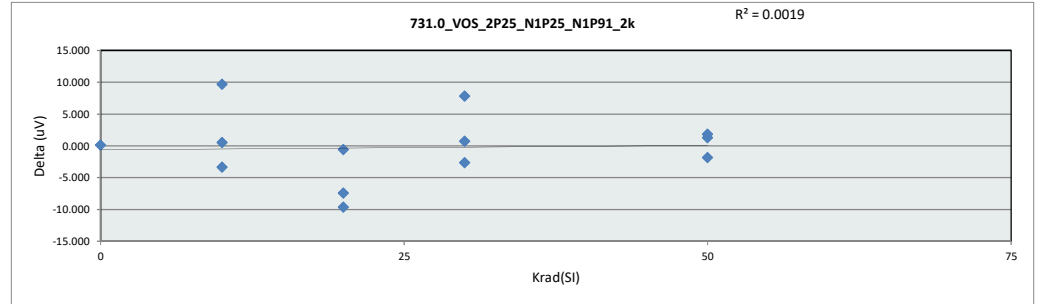


# HDR TID Report OPA4H014-SEP

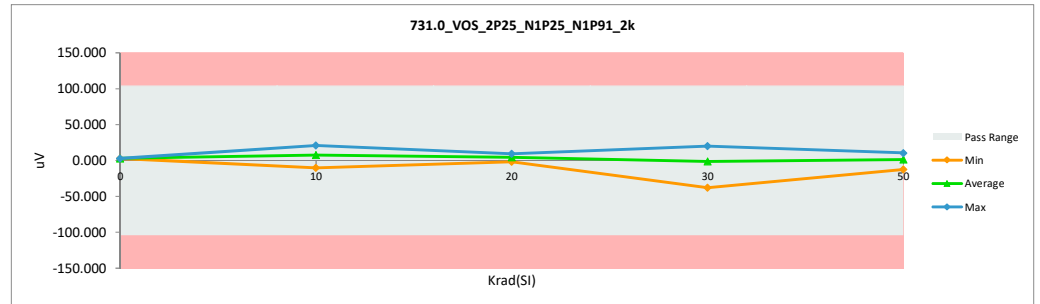
731.0_VOS_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	2.970	2.860	0.110	3.70%	0.05%
10	1	12.100	15.450	-3.350	-27.69%	1.61%
10	2	20.970	20.460	0.510	2.43%	0.25%
10	3	-10.000	-19.670	9.670	-96.70%	4.65%
20	4	9.430	19.080	-9.650	-102.33%	4.64%
20	5	-1.790	-1.210	-0.580	32.40%	0.28%
20	6	5.880	13.290	-7.410	-126.02%	3.56%
30	7	-37.850	-38.560	0.710	-1.88%	0.34%
30	8	20.280	12.470	7.810	38.51%	3.75%
30	9	14.170	16.810	-2.640	-18.63%	1.27%
50	10	10.570	9.300	1.270	12.02%	0.61%
50	11	5.860	4.010	1.850	31.57%	0.89%
50	12	-12.470	-10.630	-1.840	14.76%	0.88%
	Max	20.970	20.460	9.670	38.51%	4.65%
	Average	3.086	3.358	-0.272	-18.30%	1.75%
	Min	-37.850	-38.560	-9.650	-126.02%	0.05%
	Std Dev	15.927	17.293	5.238	55.06%	1.74%

TID Report



731.0_VOS_2P25_N1P25_N1P91					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	104	uV			
Min Limit	-104	uV			
krad(Si)	0	10	20	30	50
LL	-104.000	-104.000	-104.000	-104.000	-104.000
Min	2.970	-10.000	-1.790	-37.850	-12.470
Average	2.970	7.690	4.507	-1.133	1.320
Max	2.970	20.970	9.430	20.280	10.570
UL	104.000	104.000	104.000	104.000	104.000

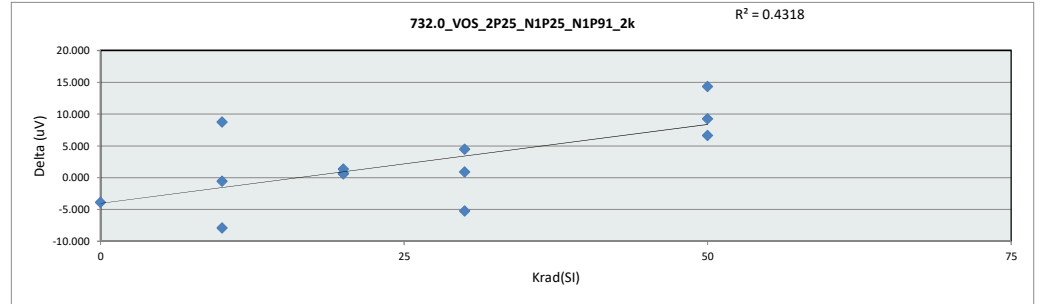


# HDR TID Report OPA4H014-SEP

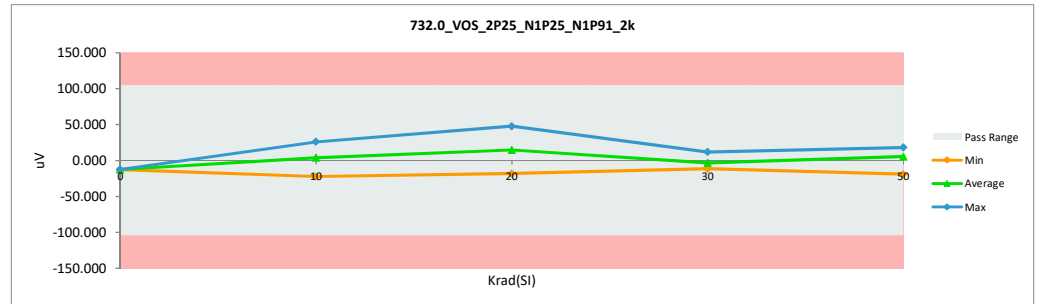
732.0_VOS_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-12.480	-8.600	-3.880	31.09%	1.87%
10	1	-22.080	-21.500	-0.580	2.63%	0.28%
10	2	7.920	15.850	-7.930	-100.13%	3.81%
10	3	26.220	17.490	8.730	33.30%	4.20%
20	4	-18.070	-18.750	0.680	-3.76%	0.33%
20	5	14.570	13.220	1.350	9.27%	0.65%
20	6	47.980	47.390	0.590	1.23%	0.28%
30	7	-10.130	-14.590	4.460	-44.03%	2.14%
30	8	-11.300	-6.060	-5.240	46.37%	2.52%
30	9	11.970	11.070	0.900	7.52%	0.43%
50	10	17.330	8.080	9.250	53.38%	4.45%
50	11	18.300	11.690	6.610	36.12%	3.18%
50	12	-19.060	-33.400	14.340	-75.24%	6.89%
Max		47.980	47.390	14.340	53.38%	6.89%
Average		3.936	1.684	2.252	-0.17%	2.39%
Min		-22.080	-33.400	-7.930	-100.13%	0.28%
Std Dev		21.223	21.444	6.286	46.70%	2.06%

TID Report



732.0_VOS_2P25_N1P25_N1P91					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	104	uV			
Min Limit	-104	uV			
krad(Si)	0	10	20	30	50
LL	-104.000	-104.000	-104.000	-104.000	-104.000
Min	-12.480	-22.080	-18.070	-11.300	-19.060
Average	-12.480	4.020	14.827	-3.153	5.523
Max	-12.480	26.220	47.980	11.970	18.300
UL	104.000	104.000	104.000	104.000	104.000

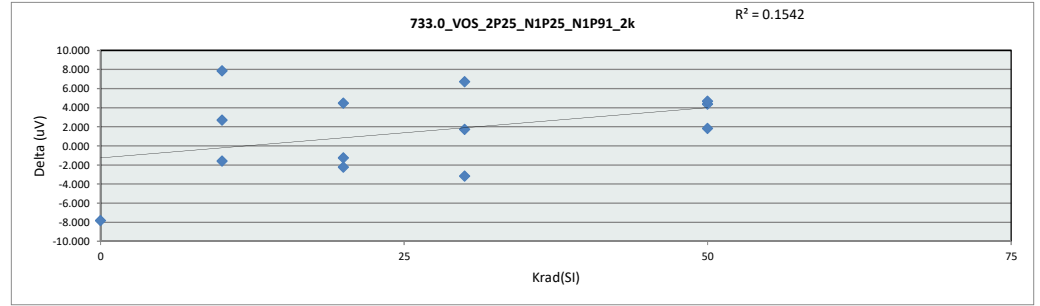


# HDR TID Report OPA4H014-SEP

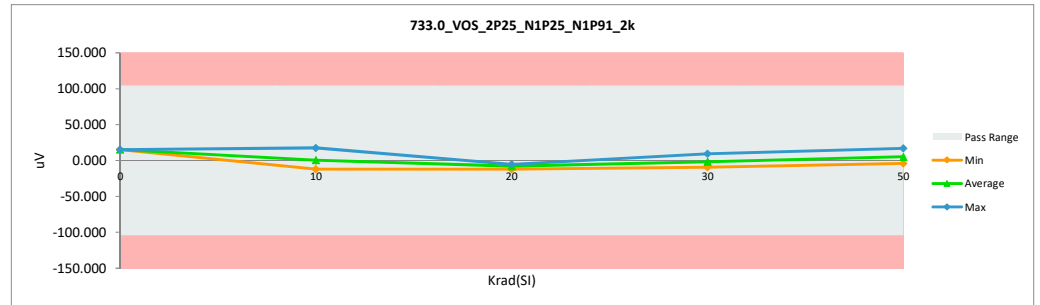
733.0_VOS_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	15.180	23.020	-7.840	-51.65%	3.77%
10	1	17.650	14.940	2.710	15.35%	1.30%
10	2	-12.010	-10.410	-1.600	13.32%	0.77%
10	3	-4.150	-12.030	7.880	-189.88%	3.79%
20	4	-5.810	-4.550	-1.260	21.69%	0.61%
20	5	-5.290	-9.760	4.470	-84.50%	2.15%
20	6	-12.050	-9.820	-2.230	18.51%	1.07%
30	7	-5.970	-2.800	-3.170	53.10%	1.52%
30	8	-9.140	-10.860	1.720	-18.82%	0.83%
30	9	9.510	2.780	6.730	70.77%	3.24%
50	10	17.130	12.740	4.390	25.63%	2.11%
50	11	2.480	-2.210	4.690	189.11%	2.25%
50	12	-4.120	-5.960	1.840	-44.66%	0.88%
	Max	17.650	23.020	7.880	189.11%	3.79%
	Average	0.262	-1.148	1.410	1.38%	1.87%
	Min	-12.050	-12.030	-7.840	-189.88%	0.61%
	Std Dev	10.938	11.320	4.445	88.35%	1.13%

TID Report



733.0_VOS_2P25_N1P25_N1P91					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	104	uV			
Min Limit	-104	uV			
krad(Si)	0	10	20	30	50
LL	-104.000	-104.000	-104.000	-104.000	-104.000
Min	15.180	-12.010	-12.050	-9.140	-4.120
Average	15.180	0.497	-7.717	-1.867	5.163
Max	15.180	17.650	-5.290	9.510	17.130
UL	104.000	104.000	104.000	104.000	104.000



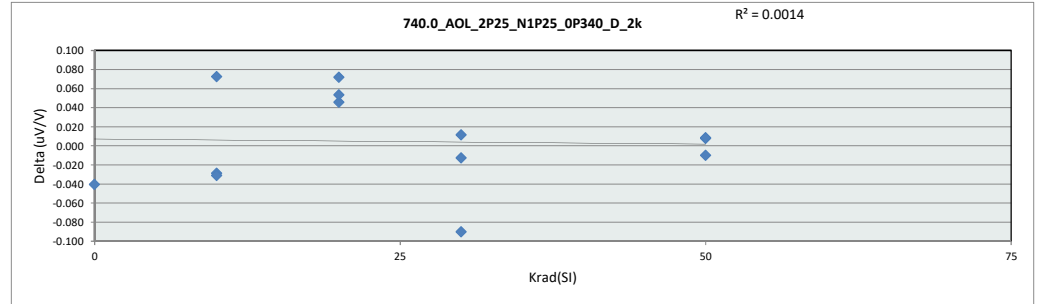


# HDR TID Report OPA4H014-SEP

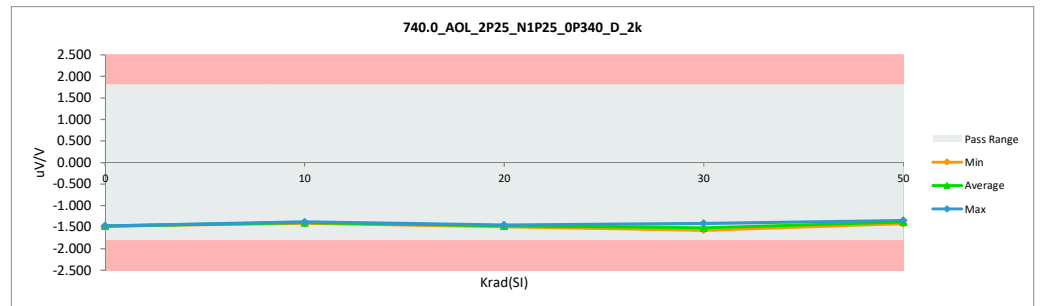
740.0_AOL_2P25_N1P25_OP340		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.8	1.8
Min Limit	-1.8	-1.8

Krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-1.472	-1.432	-0.041	2.75%	1.13%
10	1	-1.380	-1.452	0.073	-5.25%	2.01%
10	2	-1.412	-1.383	-0.029	2.04%	0.80%
10	3	-1.391	-1.361	-0.031	2.22%	0.86%
20	4	-1.449	-1.494	0.046	-3.15%	1.27%
20	5	-1.467	-1.520	0.053	-3.64%	1.48%
20	6	-1.487	-1.559	0.072	-4.83%	2.00%
30	7	-1.412	-1.400	-0.012	0.89%	0.35%
30	8	-1.569	-1.580	0.012	-0.75%	0.33%
30	9	-1.558	-1.469	-0.090	5.77%	2.50%
50	10	-1.383	-1.391	0.008	-0.56%	0.21%
50	11	-1.344	-1.334	-0.010	0.74%	0.28%
50	12	-1.416	-1.425	0.009	-0.61%	0.24%
	Max	-1.344	-1.334	0.073	5.77%	2.50%
	Average	-1.442	-1.446	0.005	-0.34%	1.03%
	Min	-1.569	-1.580	-0.090	-5.25%	0.21%
	Std Dev	0.068	0.076	0.048	3.23%	0.78%

TID Report



740.0_AOL_2P25_N1P25_OP340					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	1.8 uV/V				
Min Limit	-1.8 uV/V				
Krad(Si)	0	10	20	30	50
LL	-1.800	-1.800	-1.800	-1.800	-1.800
Min	-1.472	-1.412	-1.487	-1.569	-1.416
Average	-1.472	-1.394	-1.468	-1.513	-1.381
Max	-1.472	-1.380	-1.449	-1.412	-1.344
UL	1.800	1.800	1.800	1.800	1.800

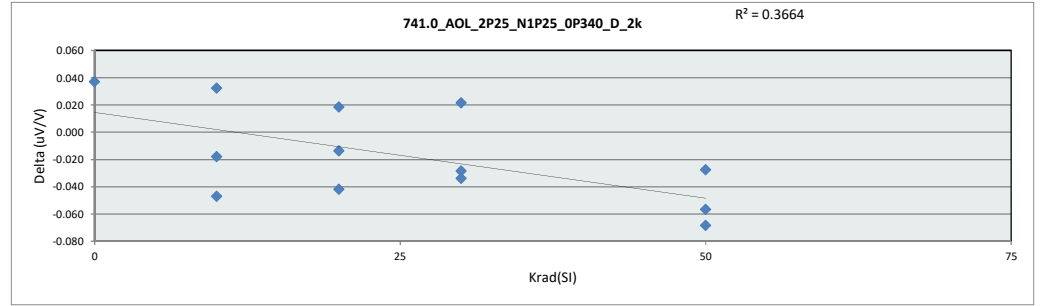


# HDR TID Report OPA4H014-SEP

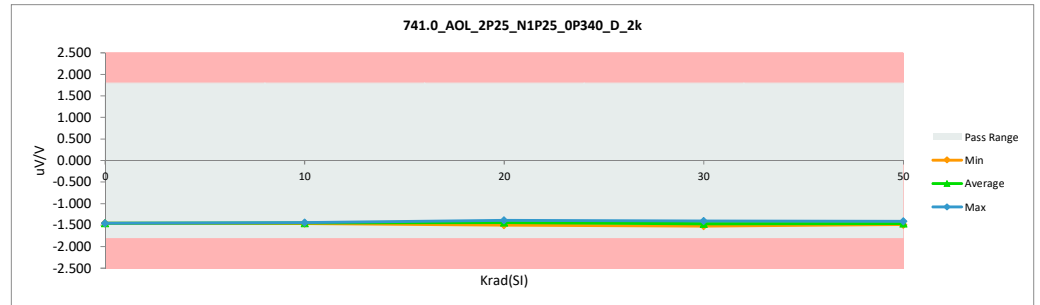
741.0_AOL_2P25_N1P25_OP340		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.8	1.8
Min Limit	-1.8	-1.8

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-1.454	-1.491	0.037	-2.55%	1.03%
10	1	-1.450	-1.403	-0.047	3.25%	1.31%
10	2	-1.464	-1.496	0.032	-2.21%	0.90%
10	3	-1.441	-1.423	-0.018	1.24%	0.50%
20	4	-1.434	-1.420	-0.014	0.95%	0.38%
20	5	-1.386	-1.405	0.018	-1.33%	0.51%
20	6	-1.501	-1.459	-0.042	2.79%	1.16%
30	7	-1.405	-1.377	-0.028	2.02%	0.79%
30	8	-1.521	-1.542	0.021	-1.41%	0.60%
30	9	-1.473	-1.439	-0.034	2.30%	0.94%
50	10	-1.488	-1.420	-0.068	4.59%	1.90%
50	11	-1.482	-1.426	-0.057	3.82%	1.57%
50	12	-1.413	-1.386	-0.028	1.95%	0.77%
	Max	-1.386	-1.377	0.037	4.59%	1.90%
	Average	-1.455	-1.437	-0.017	1.19%	0.95%
	Min	-1.521	-1.542	-0.068	-2.55%	0.38%
	Std Dev	0.039	0.048	0.035	2.35%	0.45%

TID Report



741.0_AOL_2P25_N1P25_OP340					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	1.8 uV/V				
Min Limit	-1.8 uV/V				
krad(Si)	0	10	20	30	50
LL	-1.800	-1.800	-1.800	-1.800	-1.800
Min	-1.454	-1.464	-1.501	-1.521	-1.488
Average	-1.454	-1.452	-1.440	-1.466	-1.461
Max	-1.454	-1.441	-1.386	-1.405	-1.413
UL	1.800	1.800	1.800	1.800	1.800

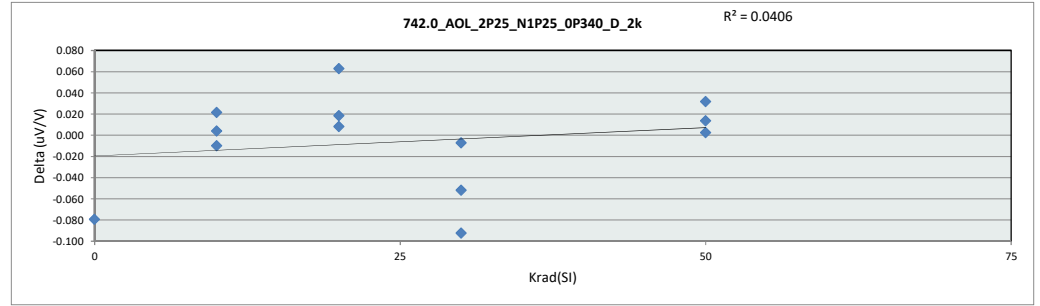


# HDR TID Report OPA4H014-SEP

742.0_AOL_2P25_N1P25_OP340		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.8	1.8
Min Limit	-1.8	-1.8

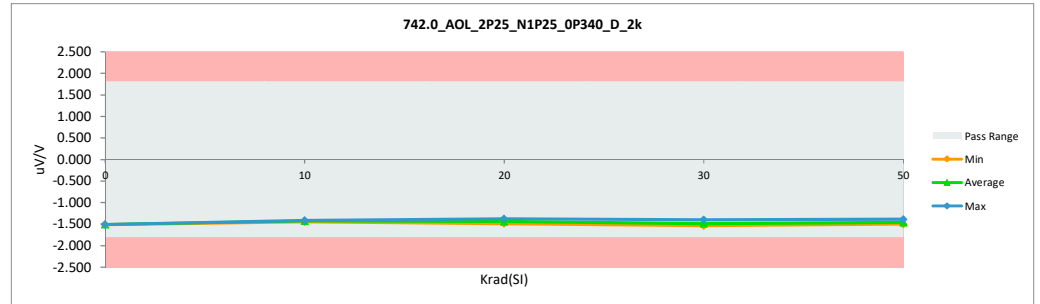
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-1.509	-1.430	-0.079	5.25%	2.20%
10	1	-1.416	-1.406	-0.010	0.71%	0.28%
10	2	-1.413	-1.417	0.004	-0.29%	0.11%
10	3	-1.449	-1.470	0.022	-1.49%	0.60%
20	4	-1.452	-1.514	0.063	-4.33%	1.74%
20	5	-1.487	-1.495	0.008	-0.55%	0.23%
20	6	-1.374	-1.392	0.018	-1.35%	0.51%
30	7	-1.396	-1.389	-0.007	0.50%	0.19%
30	8	-1.535	-1.442	-0.092	6.01%	2.56%
30	9	-1.531	-1.479	-0.052	3.38%	1.44%
50	10	-1.498	-1.512	0.014	-0.91%	0.38%
50	11	-1.498	-1.500	0.003	-0.17%	0.07%
50	12	-1.387	-1.419	0.032	-2.29%	0.88%
	Max	-1.374	-1.389	0.063	6.01%	2.56%
	Average	-1.457	-1.451	-0.006	0.34%	0.86%
	Min	-1.535	-1.514	-0.092	-4.33%	0.07%
	Std Dev	0.056	0.046	0.044	2.94%	0.85%

TID Report



742.0_AOL_2P25_N1P25_OP3		
Test Site	TI Dallas	
Tester	ETS364	
Test Number	EB6298	
Max Limit	1.8	uV/V
Min Limit	-1.8	uV/V

krad(Si)	0	10	20	30	50
LL	-1.800	-1.800	-1.800	-1.800	-1.800
Min	-1.509	-1.449	-1.487	-1.535	-1.498
Average	-1.509	-1.426	-1.437	-1.487	-1.461
Max	-1.509	-1.413	-1.374	-1.396	-1.387
UL	1.800	1.800	1.800	1.800	1.800



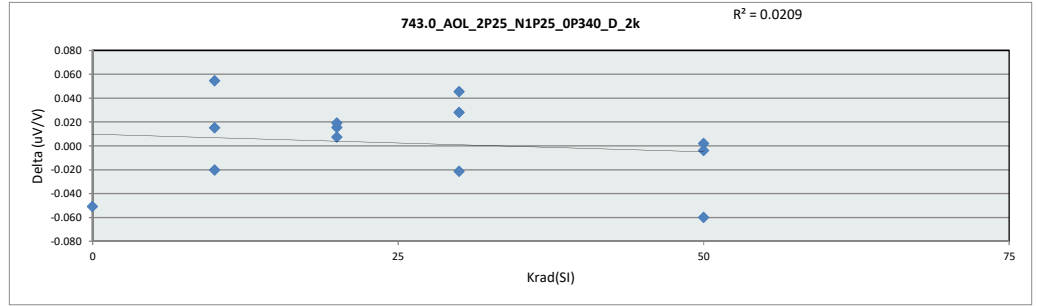
# HDR TID Report OPA4H014-SEP

## 743.0\_AOL\_2P25\_N1P25\_OP340

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.8	1.8
Min Limit	-1.8	-1.8

Krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-1.411	-1.360	-0.051	3.61%	1.41%
10	1	-1.336	-1.390	0.054	-4.08%	1.51%
10	2	-1.457	-1.437	-0.020	1.40%	0.57%
10	3	-1.373	-1.388	0.015	-1.11%	0.42%
20	4	-1.426	-1.434	0.007	-0.53%	0.21%
20	5	-1.364	-1.380	0.015	-1.12%	0.42%
20	6	-1.438	-1.457	0.019	-1.33%	0.53%
30	7	-1.369	-1.348	-0.021	1.56%	0.59%
30	8	-1.490	-1.535	0.046	-3.05%	1.26%
30	9	-1.411	-1.439	0.028	-1.98%	0.78%
50	10	-1.356	-1.358	0.002	-0.15%	0.06%
50	11	-1.472	-1.412	-0.060	4.08%	1.67%
50	12	-1.467	-1.463	-0.004	0.27%	0.11%
Max		-1.336	-1.348	0.054	4.08%	1.67%
Average		-1.413	-1.415	0.002	-0.19%	0.73%
Min		-1.490	-1.535	-0.060	-4.08%	0.06%
Std Dev		0.050	0.053	0.034	2.38%	0.55%

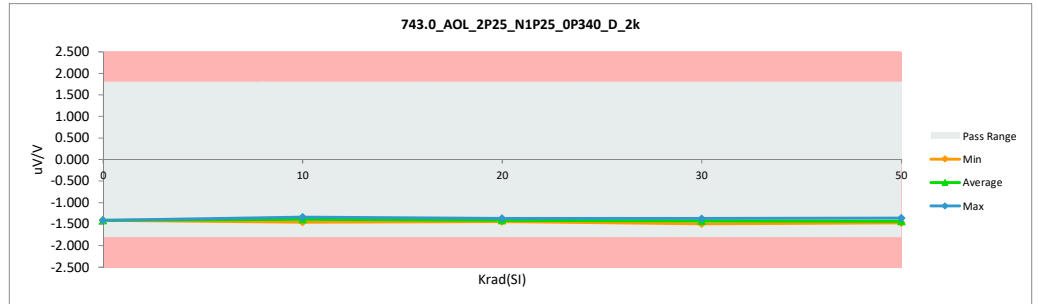
TID Report



## 743.0\_AOL\_2P25\_N1P25\_OP3

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	1.8 uV/V
Min Limit	-1.8 uV/V

Krad(Si)	0	10	20	30	50
LL	-1.800	-1.800	-1.800	-1.800	-1.800
Min	-1.411	-1.457	-1.438	-1.490	-1.472
Average	-1.411	-1.389	-1.410	-1.423	-1.431
Max	-1.411	-1.336	-1.364	-1.369	-1.356
UL	1.800	1.800	1.800	1.800	1.800

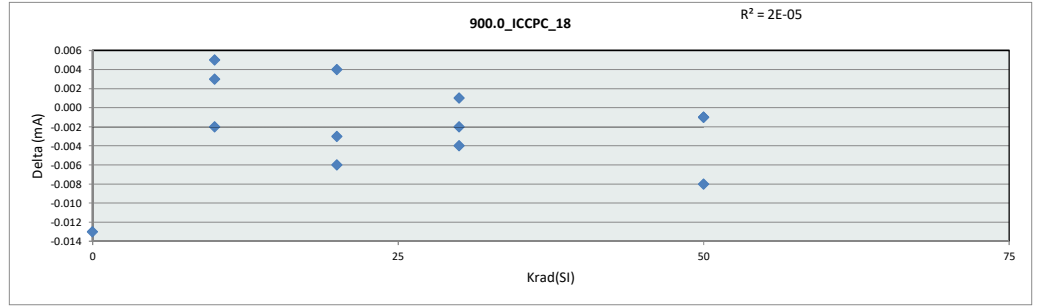


# HDR TID Report OPA4H014-SEP

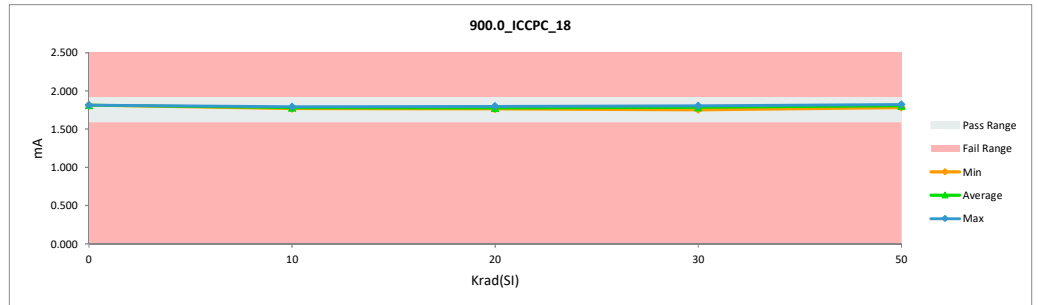
900.0 ICCPC_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	1.91	1.91
Min Limit	1.59	1.59

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.815	1.828	-0.013	-0.72%	4.06%
10	1	1.794	1.789	0.005	0.28%	1.56%
10	2	1.780	1.777	0.003	0.17%	0.94%
10	3	1.770	1.772	-0.002	-0.11%	0.62%
20	4	1.764	1.760	0.004	0.23%	1.25%
20	5	1.800	1.806	-0.006	-0.33%	1.88%
20	6	1.772	1.775	-0.003	-0.17%	0.94%
30	7	1.792	1.791	0.001	0.06%	0.31%
30	8	1.808	1.812	-0.004	-0.22%	1.25%
30	9	1.754	1.756	-0.002	-0.11%	0.63%
50	10	1.824	1.832	-0.008	-0.44%	2.50%
50	11	1.808	1.809	-0.001	-0.06%	0.31%
50	12	1.784	1.785	-0.001	-0.06%	0.31%
	Max	1.824	1.832	0.005	0.28%	4.06%
	Average	1.790	1.792	-0.002	-0.11%	1.27%
	Min	1.754	1.756	-0.013	-0.72%	0.31%
	Std Dev	0.021	0.024	0.005	0.28%	1.06%

TID Report



900.0 ICCPC_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	1.91 mA				
Min Limit	1.59 mA				
krad(Si)	0	10	20	30	50
LL	1.590	1.590	1.590	1.590	1.590
Min	1.815	1.770	1.764	1.754	1.784
Average	1.815	1.781	1.779	1.785	1.805
Max	1.815	1.794	1.800	1.808	1.824
UL	1.910	1.910	1.910	1.910	1.910

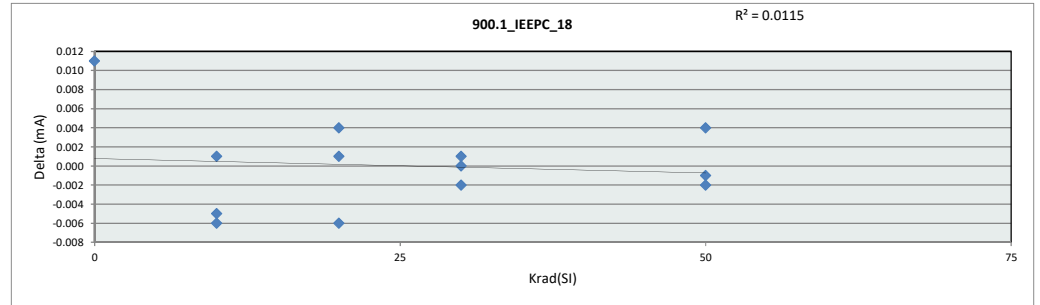


# HDR TID Report OPA4H014-SEP

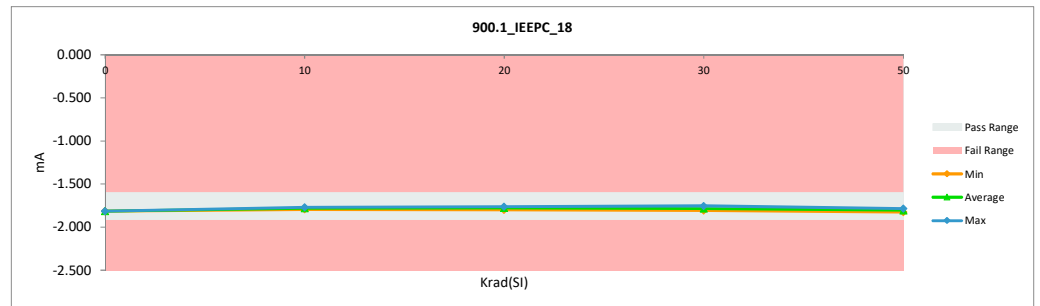
900.1_IEEPC_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-1.59	-1.59
Min Limit	-1.91	-1.91

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-1.814	-1.825	0.011	-0.61%	3.44%
10	1	-1.793	-1.787	-0.006	0.33%	1.88%
10	2	-1.780	-1.775	-0.005	0.28%	1.56%
10	3	-1.769	-1.770	0.001	-0.06%	0.31%
20	4	-1.763	-1.757	-0.006	0.34%	1.88%
20	5	-1.799	-1.803	0.004	-0.22%	1.25%
20	6	-1.771	-1.772	0.001	-0.06%	0.31%
30	7	-1.791	-1.789	-0.002	0.11%	0.62%
30	8	-1.808	-1.809	0.001	-0.06%	0.31%
30	9	-1.753	-1.753	0.000	0.00%	0.00%
50	10	-1.824	-1.828	0.004	-0.22%	1.25%
50	11	-1.807	-1.806	-0.001	0.06%	0.31%
50	12	-1.784	-1.782	-0.002	0.11%	0.63%
	Max	-1.753	-1.753	0.011	0.34%	3.44%
	Average	-1.789	-1.789	0.000	0.00%	1.06%
	Min	-1.824	-1.828	-0.006	-0.61%	0.00%
	Std Dev	0.021	0.024	0.005	0.26%	0.96%

TID Report



900.1_IEEPC_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-1.59 mA				
Min Limit	-1.91 mA				
krad(Si)	0	10	20	30	50
LL	-1.910	-1.910	-1.910	-1.910	-1.910
Min	-1.814	-1.793	-1.799	-1.808	-1.824
Average	-1.814	-1.781	-1.778	-1.784	-1.805
Max	-1.814	-1.769	-1.763	-1.753	-1.784
UL	-1.590	-1.590	-1.590	-1.590	-1.590

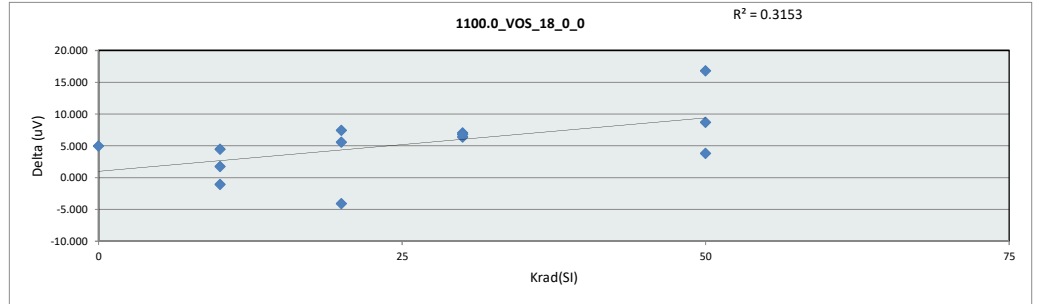


# HDR TID Report OPA4H014-SEP

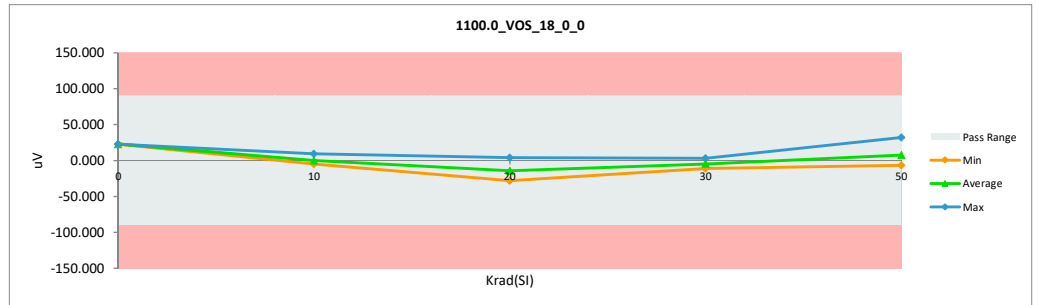
1100.0_VOS_18_0_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	90	
Min Limit	-90	

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	23.050	18.070	4.980	21.61%	2.77%
10	1	-4.810	-3.760	-1.050	21.83%	0.58%
10	2	-4.430	-6.200	1.770	-39.95%	0.98%
10	3	9.650	5.160	4.490	46.53%	2.49%
20	4	-18.740	-24.310	5.570	-29.72%	3.09%
20	5	-28.010	-35.450	7.440	-26.56%	4.13%
20	6	4.320	8.400	-4.080	-94.44%	2.27%
30	7	-11.040	-18.070	7.030	-63.68%	3.91%
30	8	3.130	-3.230	6.360	203.19%	3.53%
30	9	-5.540	-12.320	6.780	-122.38%	3.77%
50	10	-6.520	-23.300	16.780	-257.36%	9.32%
50	11	-2.280	-10.960	8.680	-380.70%	4.82%
50	12	32.240	28.440	3.800	11.79%	2.11%
	Max	32.240	28.440	16.780	203.19%	9.32%
	Average	-0.691	-5.964	5.273	-54.60%	3.37%
	Min	-28.010	-35.450	-4.080	-380.70%	0.58%
	Std Dev	15.981	17.847	4.983	143.78%	2.16%

TID Report



1100.0_VOS_18_0_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	90	uV			
Min Limit	-90	uV			
krad(Si)	0	10	20	30	50
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	23.050	-4.810	-28.010	-11.040	-6.520
Average	23.050	0.137	-14.143	-4.483	7.813
Max	23.050	9.650	4.320	3.130	32.240
UL	90.000	90.000	90.000	90.000	90.000

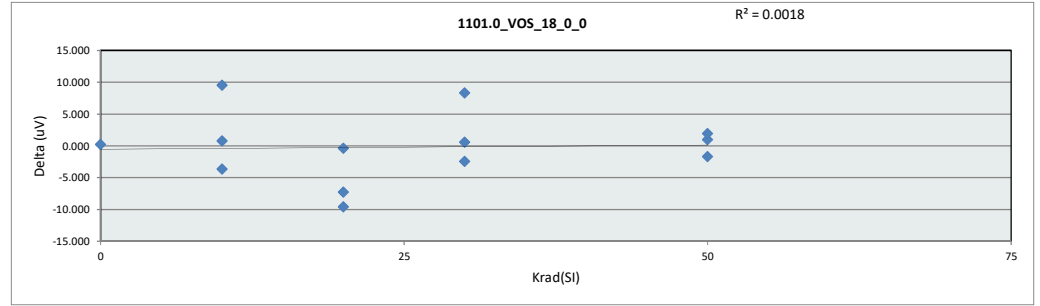


# HDR TID Report OPA4H014-SEP

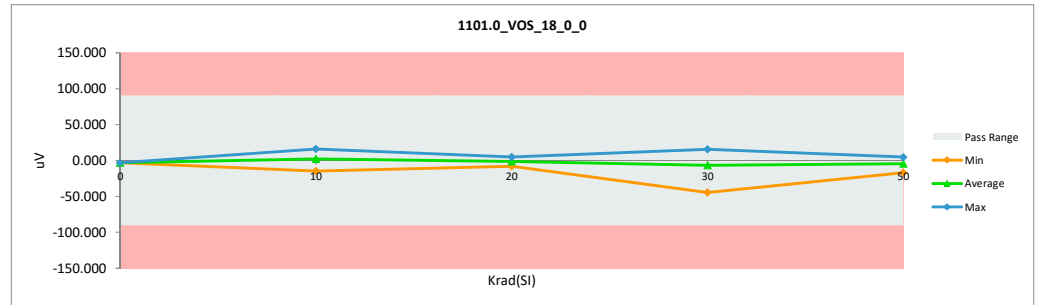
1101.0_VOS_18_0_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	90	90
Min Limit	-90	-90

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-3.170	-3.400	0.230	-7.26%	0.13%
10	1	5.520	9.160	-3.640	-65.94%	2.02%
10	2	16.010	15.210	0.800	5.00%	0.44%
10	3	-14.730	-24.250	9.520	-64.63%	5.29%
20	4	4.960	14.540	-9.580	-193.15%	5.32%
20	5	-7.810	-7.410	-0.400	5.12%	0.22%
20	6	-0.790	6.470	-7.260	918.99%	4.03%
30	7	-44.570	-45.170	0.600	-1.35%	0.33%
30	8	15.750	7.420	8.330	52.89%	4.63%
30	9	8.840	11.280	-2.440	-27.60%	1.36%
50	10	4.700	3.700	1.000	21.28%	0.56%
50	11	-0.560	-2.500	1.940	-346.43%	1.08%
50	12	-16.850	-15.150	-1.700	10.09%	0.94%
Max		16.010	15.210	9.520	918.99%	5.32%
Average		-2.515	-2.315	-0.200	23.62%	2.03%
Min		-44.570	-45.170	-9.580	-346.43%	0.13%
Std Dev		16.168	17.382	5.260	289.73%	2.03%

TID Report



1101.0_VOS_18_0_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	90 uV				
Min Limit	-90 uV				
krad(Si)	0	10	20	30	50
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	-3.170	-14.730	-7.810	-44.570	-16.850
Average	-3.170	2.267	-1.213	-6.660	-4.237
Max	-3.170	16.010	4.960	15.750	4.700
UL	90.000	90.000	90.000	90.000	90.000



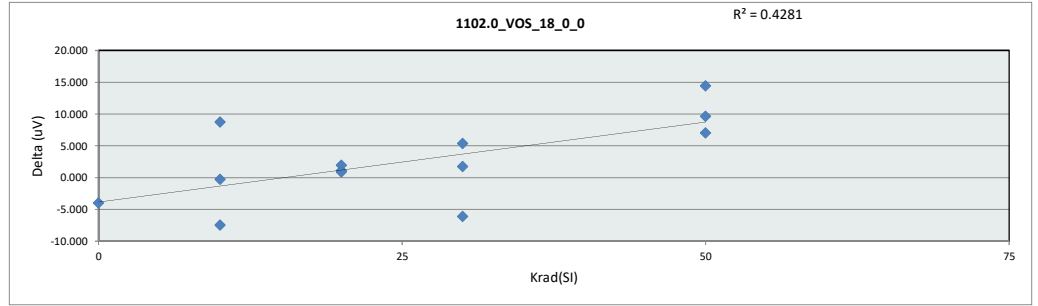


# HDR TID Report OPA4H014-SEP

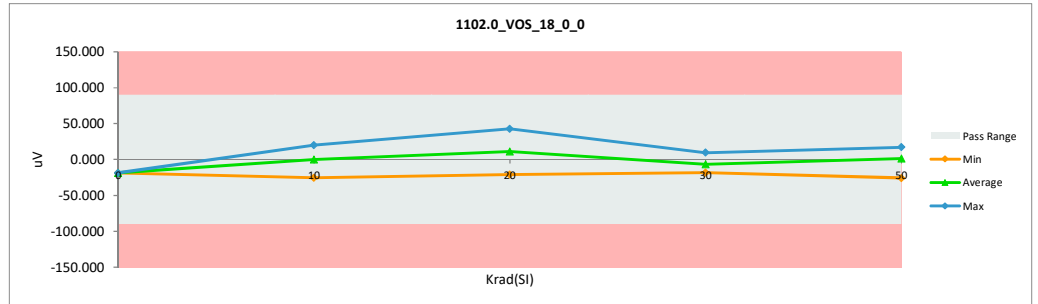
1102.0_VOS_18_0_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	90	90
Min Limit	-90	-90

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-18.450	-14.450	-4.000	21.68%	2.22%
10	1	-25.250	-24.980	-0.270	1.07%	0.15%
10	2	5.740	13.210	-7.470	-130.14%	4.15%
10	3	20.250	11.480	8.770	43.31%	4.87%
20	4	-20.690	-21.800	1.110	-5.36%	0.62%
20	5	11.090	9.130	1.960	17.67%	1.09%
20	6	42.880	41.970	0.910	2.12%	0.51%
30	7	-11.210	-16.610	5.400	-48.17%	3.00%
30	8	-18.270	-12.190	-6.080	33.28%	3.38%
30	9	9.800	8.040	1.760	17.96%	0.98%
50	10	12.990	3.330	9.660	74.36%	5.37%
50	11	17.360	10.350	7.010	40.38%	3.89%
50	12	-25.610	-40.040	14.430	-56.35%	8.02%
Max		42.880	41.970	14.430	74.36%	8.02%
Average		0.048	-2.505	2.553	0.91%	2.94%
Min		-25.610	-40.040	-7.470	-130.14%	0.15%
Std Dev		21.394	21.580	6.389	53.00%	2.32%

TID Report



1102.0_VOS_18_0_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	90	uV			
Min Limit	-90	uV			
krad(Si)	0	10	20	30	50
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	-18.450	-25.250	-20.690	-18.270	-25.610
Average	-18.450	0.247	11.093	-6.560	1.580
Max	-18.450	20.250	42.880	9.800	17.360
UL	90.000	90.000	90.000	90.000	90.000

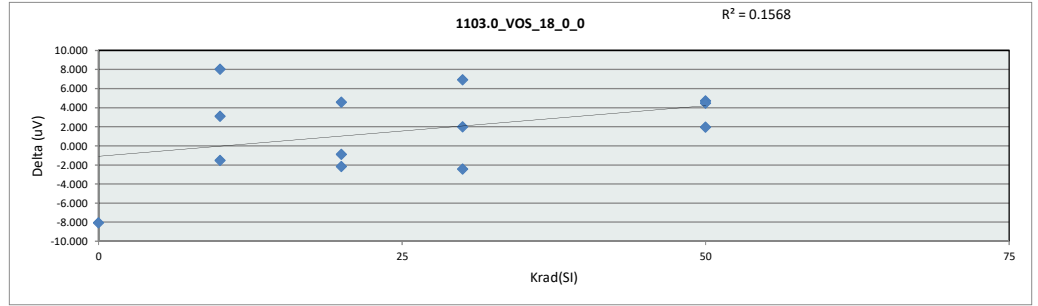


# HDR TID Report OPA4H014-SEP

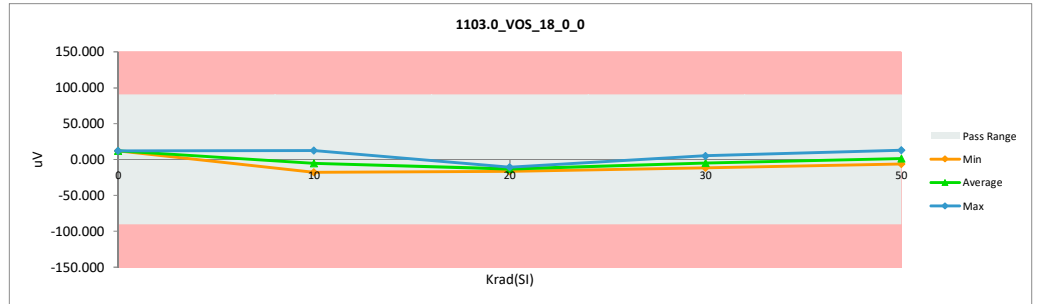
1103.0_VOS_18_0_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	90	90
Min Limit	-90	-90

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	12.160	20.220	-8.060	-66.28%	4.48%
10	1	12.540	9.450	3.090	24.64%	1.72%
10	2	-17.900	-16.380	-1.520	8.49%	0.84%
10	3	-10.070	-18.110	8.040	-79.84%	4.47%
20	4	-10.690	-9.790	-0.900	8.42%	0.50%
20	5	-12.130	-16.710	4.580	-37.76%	2.54%
20	6	-16.570	-14.390	-2.180	13.16%	1.21%
30	7	-8.230	-5.810	-2.420	29.40%	1.34%
30	8	-11.490	-13.500	2.010	-17.49%	1.12%
30	9	5.200	-1.720	6.920	133.08%	3.84%
50	10	13.040	8.340	4.700	36.04%	2.61%
50	11	-2.670	-7.140	4.470	-167.42%	2.48%
50	12	-6.260	-8.220	1.960	-31.31%	1.09%
	Max	13.040	20.220	8.040	133.08%	4.48%
	Average	-4.082	-5.674	1.592	-11.30%	2.17%
	Min	-17.900	-18.110	-8.060	-167.42%	0.50%
	Std Dev	11.141	11.780	4.461	71.09%	1.37%

TID Report



1103.0_VOS_18_0_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	90	uV			
Min Limit	-90	uV			
krad(Si)	0	10	20	30	50
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	12.160	-17.900	-16.570	-11.490	-6.260
Average	12.160	-5.143	-13.130	-4.840	1.370
Max	12.160	12.540	-10.690	5.200	13.040
UL	90.000	90.000	90.000	90.000	90.000

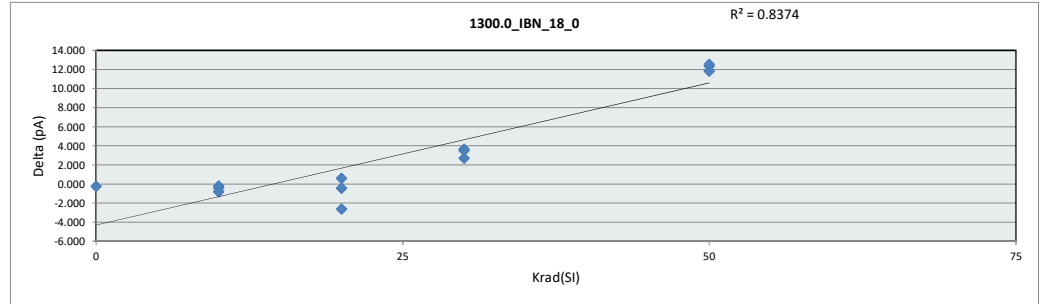


# HDR TID Report OPA4H014-SEP

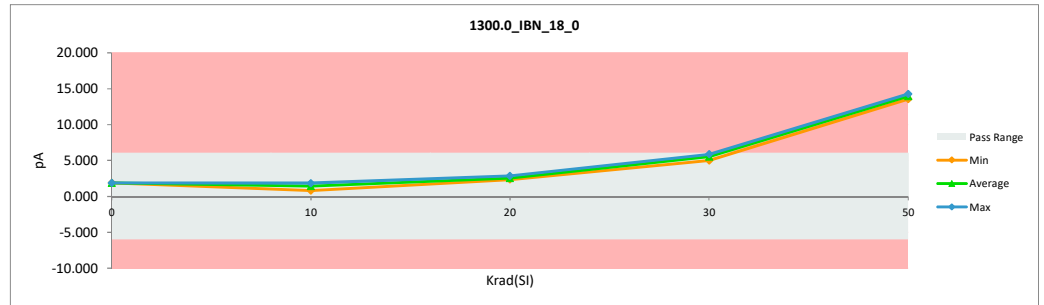
1300.0_IBN_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.910	2.140	-0.230	-12.04%	1.92%
10	1	0.810	1.020	-0.210	-25.93%	1.75%
10	2	1.860	2.270	-0.410	-22.04%	3.42%
10	3	1.660	2.490	-0.830	-50.00%	6.92%
20	4	2.890	2.300	0.590	20.42%	4.92%
20	5	2.360	5.000	-2.640	-111.86%	22.00%
20	6	2.440	2.900	-0.460	-18.85%	3.83%
30	7	5.020	2.320	2.700	53.78%	22.50%
30	8	5.720	2.080	3.640	63.64%	30.33%
30	9	5.880	2.370	3.510	59.69%	29.25%
50	10	14.290	1.910	12.380	86.63%	103.17%
50	11	13.560	1.720	11.840	87.32%	98.67%
50	12	14.020	1.500	12.520	89.30%	104.33%
	Max	14.290	5.000	12.520	89.30%	104.33%
	Average	5.571	2.309	3.262	16.93%	33.31%
	Min	0.810	1.020	-2.640	-111.86%	1.75%
	Std Dev	5.034	0.937	5.426	62.57%	40.53%

TID Report



1300.0_IBN_18_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	1.910	0.810	2.360	5.020	13.560
Average	1.910	1.443	2.563	5.540	13.957
Max	1.910	1.860	2.890	5.880	14.290
UL	6.000	6.000	6.000	6.000	6.000

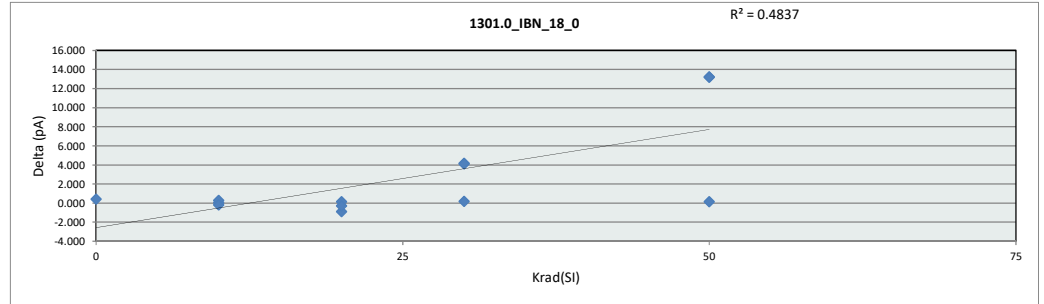


# HDR TID Report OPA4H014-SEP

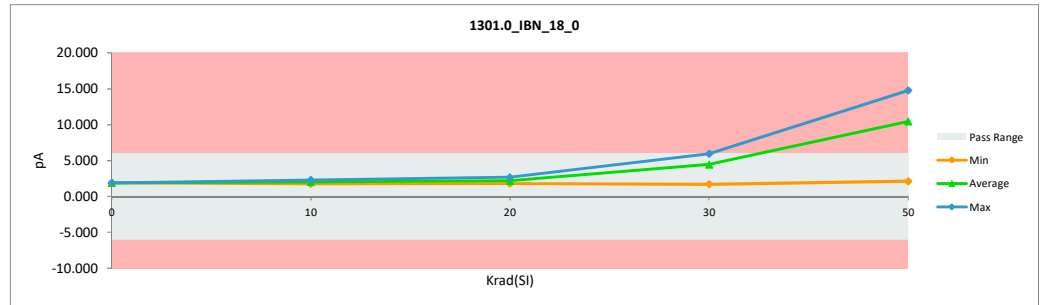
1301.0_IBN_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.880	1.450	0.430	22.87%	3.58%
10	1	2.070	2.040	0.030	1.45%	0.25%
10	2	2.270	1.990	0.280	12.33%	2.33%
10	3	1.760	1.940	-0.180	-10.23%	1.50%
20	4	2.080	1.950	0.130	6.25%	1.08%
20	5	2.660	3.550	-0.890	-33.46%	7.42%
20	6	1.790	2.070	-0.280	-15.64%	2.33%
30	7	1.690	1.520	0.170	10.06%	1.42%
30	8	5.700	1.520	4.180	73.33%	34.83%
30	9	5.950	1.860	4.090	68.74%	34.08%
50	10	2.130	1.970	0.160	7.51%	1.33%
50	11	14.770	1.540	13.230	89.57%	110.25%
50	12	14.400	1.210	13.190	91.60%	109.92%
	Max	14.770	3.550	13.230	91.60%	110.25%
	Average	4.550	1.893	2.657	24.95%	23.87%
	Min	1.690	1.210	-0.890	-33.46%	0.25%
	Std Dev	4.676	0.569	4.939	41.60%	40.09%

TID Report



1301.0_IBN_18_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	1.880	1.760	1.790	1.690	2.130
Average	1.880	2.033	2.177	4.447	10.433
Max	1.880	2.270	2.660	5.950	14.770
UL	6.000	6.000	6.000	6.000	6.000

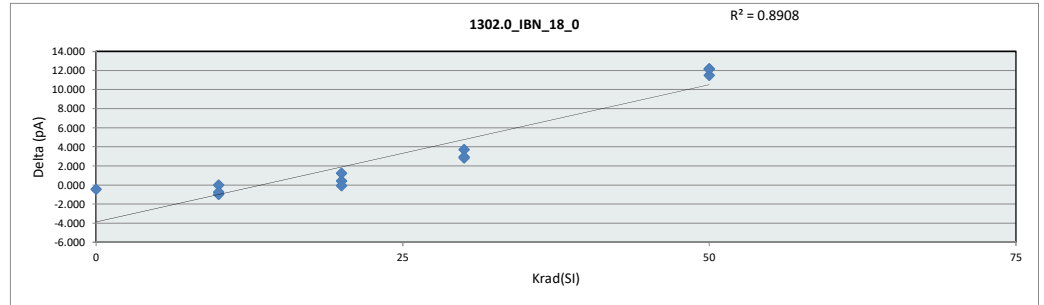


# HDR TID Report OPA4H014-SEP

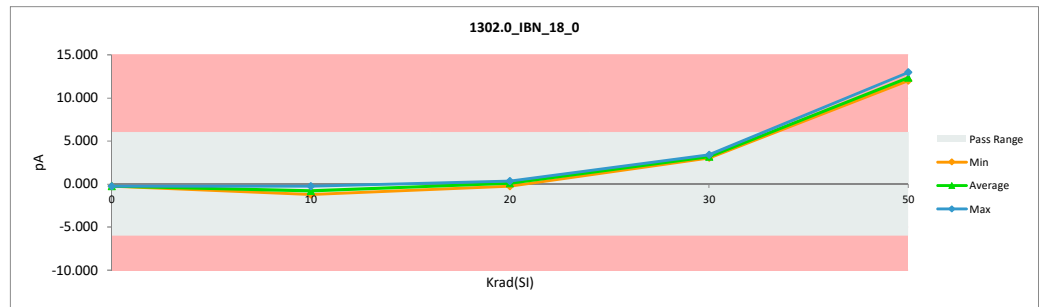
1302.0_IBN_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.230	0.220	-0.450	195.65%	3.75%
10	1	-0.230	-0.230	0.000	0.00%	0.00%
10	2	-1.200	-0.210	-0.990	82.50%	8.25%
10	3	-0.910	-0.170	-0.740	81.32%	6.17%
20	4	0.360	-0.070	0.430	119.44%	3.58%
20	5	0.170	-1.060	1.230	723.53%	10.25%
20	6	-0.240	-0.150	-0.090	37.50%	0.75%
30	7	3.110	0.170	2.940	94.53%	24.50%
30	8	3.400	-0.310	3.710	109.12%	30.92%
30	9	3.050	0.210	2.840	93.11%	23.67%
50	10	12.030	0.540	11.490	95.51%	95.75%
50	11	12.970	0.810	12.160	93.75%	101.33%
50	12	12.090	-0.060	12.150	100.50%	101.25%
	Max	12.970	0.810	12.160	723.53%	101.33%
	Average	3.413	-0.024	3.437	140.50%	31.55%
	Min	-1.200	-1.060	-0.990	0.00%	0.00%
	Std Dev	5.329	0.451	5.065	180.69%	39.90%

TID Report



1302.0_IBN_18_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	-0.230	-1.200	-0.240	3.050	12.030
Average	-0.230	-0.780	0.097	3.187	12.363
Max	-0.230	-0.230	0.360	3.400	12.970
UL	6.000	6.000	6.000	6.000	6.000

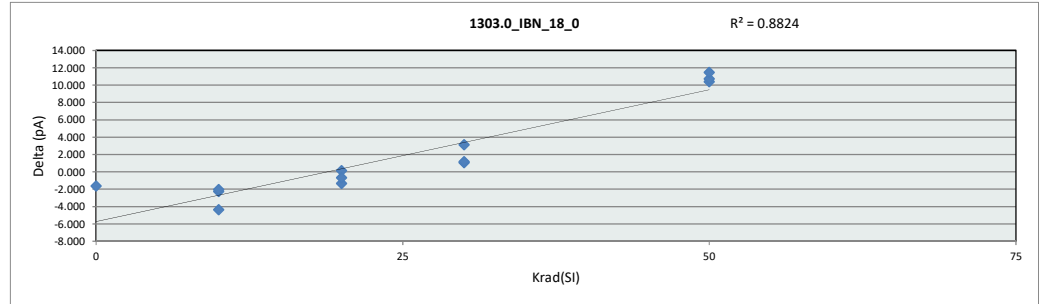


# HDR TID Report OPA4H014-SEP

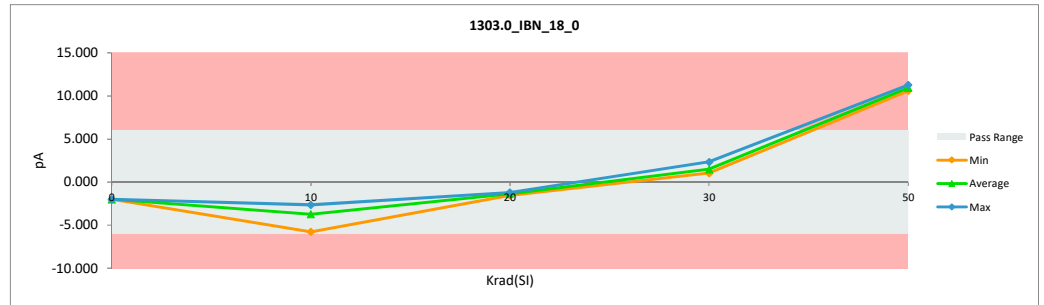
1303.0_IBN_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-2.010	-0.380	-1.630	81.09%	13.58%
10	1	-5.770	-1.420	-4.350	75.39%	36.25%
10	2	-2.790	-0.540	-2.250	80.65%	18.75%
10	3	-2.640	-0.610	-2.030	76.89%	16.92%
20	4	-1.540	-0.210	-1.330	86.36%	11.08%
20	5	-1.210	-1.360	0.150	-12.40%	1.25%
20	6	-1.310	-0.620	-0.690	52.67%	5.75%
30	7	1.040	-0.020	1.060	101.92%	8.83%
30	8	2.340	-0.790	3.130	133.76%	26.08%
30	9	1.050	-0.120	1.170	111.43%	9.75%
50	10	10.590	0.190	10.400	98.21%	86.67%
50	11	10.980	0.270	10.710	97.54%	89.25%
50	12	11.280	-0.200	11.480	101.77%	95.67%
	Max	11.280	0.270	11.480	133.76%	95.67%
	Average	1.539	-0.447	1.986	83.48%	32.29%
	Min	-5.770	-1.420	-4.350	-12.40%	1.25%
	Std Dev	5.733	0.524	5.391	34.97%	34.42%

TID Report



1303.0_IBN_18_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	-2.010	-5.770	-1.540	1.040	10.590
Average	-2.010	-3.733	-1.353	1.477	10.950
Max	-2.010	-2.640	-1.210	2.340	11.280
UL	6.000	6.000	6.000	6.000	6.000

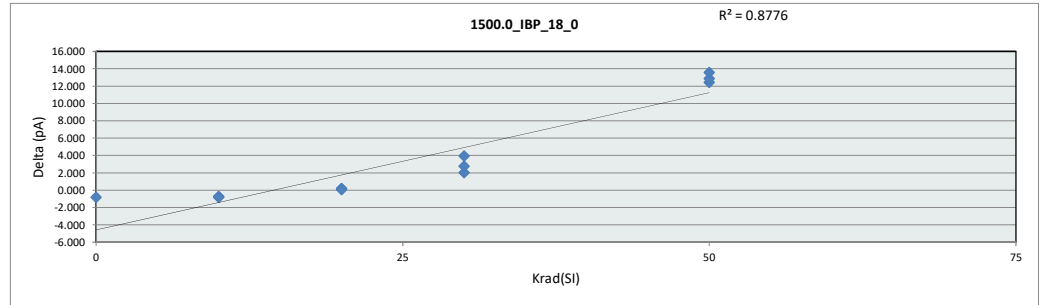


# HDR TID Report OPA4H014-SEP

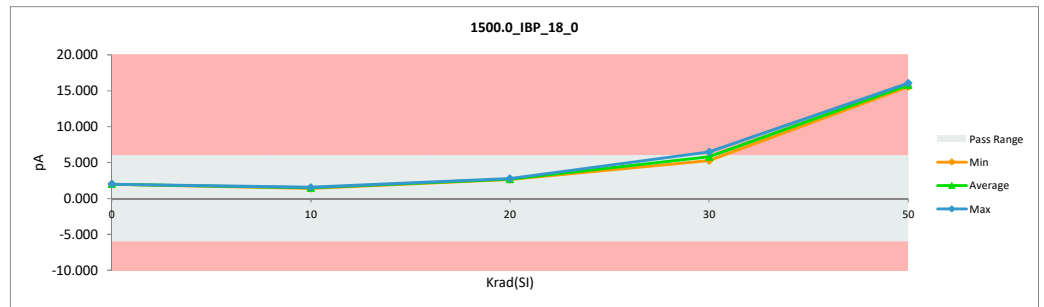
1500.0_IBP_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	2.010	2.840	-0.830	-41.29%	6.92%
10	1	1.390	2.130	-0.740	-53.24%	6.17%
10	2	1.550	2.290	-0.740	-47.74%	6.17%
10	3	1.520	2.340	-0.820	-53.95%	6.83%
20	4	2.790	2.620	0.170	6.09%	1.42%
20	5	2.670	2.470	0.200	7.49%	1.67%
20	6	2.680	2.610	0.070	2.61%	0.58%
30	7	5.300	3.280	2.020	38.11%	16.83%
30	8	6.470	2.510	3.960	61.21%	33.00%
30	9	5.720	2.940	2.780	48.60%	23.17%
50	10	15.560	3.120	12.440	79.95%	103.67%
50	11	15.740	2.850	12.890	81.89%	107.42%
50	12	16.080	2.500	13.580	84.45%	113.17%
	Max	16.080	3.280	13.580	84.45%	113.17%
	Average	6.114	2.654	3.460	16.48%	32.85%
	Min	1.390	2.130	-0.830	-53.95%	0.58%
	Std Dev	5.759	0.336	5.625	53.30%	43.92%

TID Report



1500.0_IBP_18_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	2.010	1.390	2.670	5.300	15.560
Average	2.010	1.487	2.713	5.830	15.793
Max	2.010	1.550	2.790	6.470	16.080
UL	6.000	6.000	6.000	6.000	6.000

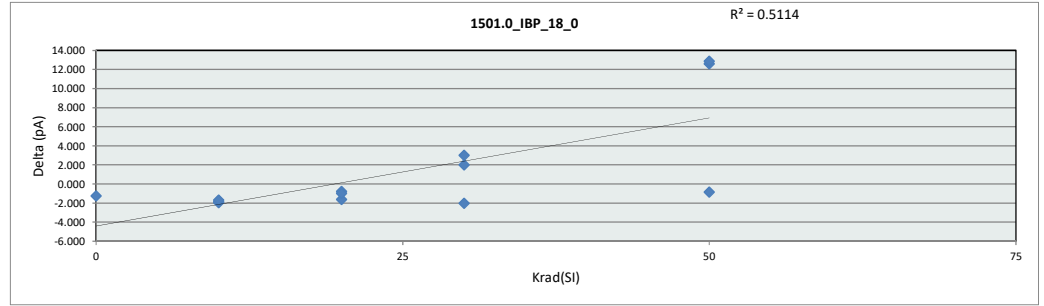


# HDR TID Report OPA4H014-SEP

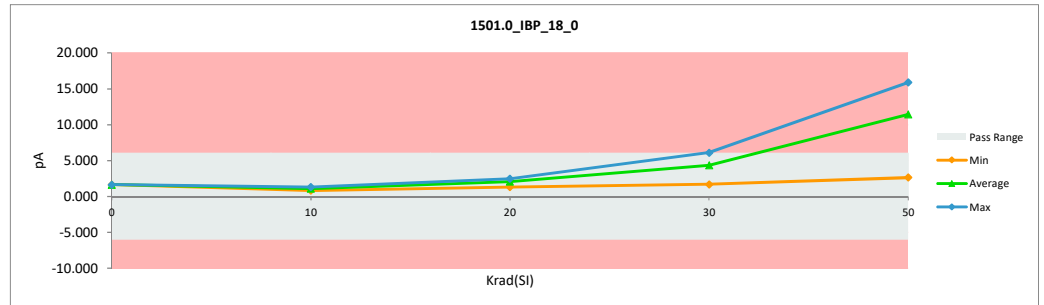
1501.0_IBP_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.640	2.900	-1.260	-76.83%	10.50%
10	1	0.810	2.760	-1.950	-240.74%	16.25%
10	2	1.100	2.960	-1.860	-169.09%	15.50%
10	3	1.310	2.980	-1.670	-127.48%	13.92%
20	4	1.310	2.930	-1.620	-123.66%	13.50%
20	5	2.470	3.250	-0.780	-31.58%	6.50%
20	6	2.360	3.330	-0.970	-41.10%	8.08%
30	7	1.680	3.700	-2.020	-120.24%	16.83%
30	8	6.090	3.070	3.020	49.59%	25.17%
30	9	5.210	3.210	2.000	38.39%	16.67%
50	10	2.630	3.490	-0.860	-32.70%	7.17%
50	11	15.890	3.300	12.590	79.23%	104.92%
50	12	15.740	2.870	12.870	81.77%	107.25%
Max		15.890	3.700	12.870	81.77%	107.25%
Average		4.480	3.135	1.345	-54.96%	27.87%
Min		0.810	2.760	-2.020	-240.74%	6.50%
Std Dev		5.267	0.273	5.279	99.93%	35.07%

TID Report



1501.0_IBP_18_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	1.640	0.810	1.310	1.680	2.630
Average	1.640	1.073	2.047	4.327	11.420
Max	1.640	1.310	2.470	6.090	15.890
UL	6.000	6.000	6.000	6.000	6.000



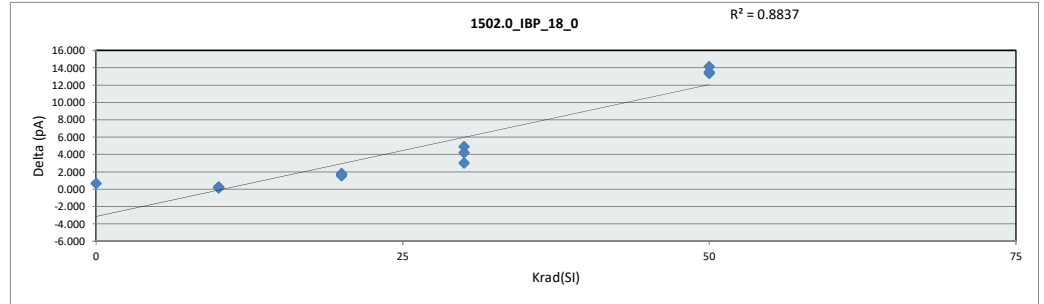


# HDR TID Report OPA4H014-SEP

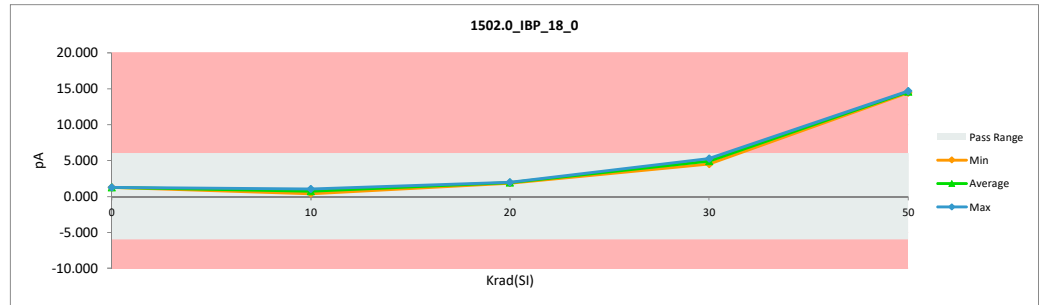
1502.0_IBP_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.270	0.600	0.670	52.76%	5.58%
10	1	1.040	0.790	0.250	24.04%	2.08%
10	2	0.400	0.170	0.230	57.50%	1.92%
10	3	0.740	0.590	0.150	20.27%	1.25%
20	4	2.000	0.440	1.560	78.00%	13.00%
20	5	1.870	0.050	1.820	97.33%	15.17%
20	6	1.920	0.170	1.750	91.15%	14.58%
30	7	4.510	1.480	3.030	67.18%	25.25%
30	8	5.280	0.390	4.890	92.61%	40.75%
30	9	5.000	0.780	4.220	84.40%	35.17%
50	10	14.460	1.100	13.360	92.39%	111.33%
50	11	14.670	1.150	13.520	92.16%	112.67%
50	12	14.640	0.510	14.130	96.52%	117.75%
	Max	14.670	1.480	14.130	97.33%	117.75%
	Average	5.215	0.632	4.583	72.79%	38.19%
	Min	0.400	0.050	0.150	20.27%	1.25%
	Std Dev	5.574	0.422	5.387	26.80%	44.89%

TID Report



1502.0_IBP_18_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	1.270	0.400	1.870	4.510	14.460
Average	1.270	0.727	1.930	4.930	14.590
Max	1.270	1.040	2.000	5.280	14.670
UL	6.000	6.000	6.000	6.000	6.000

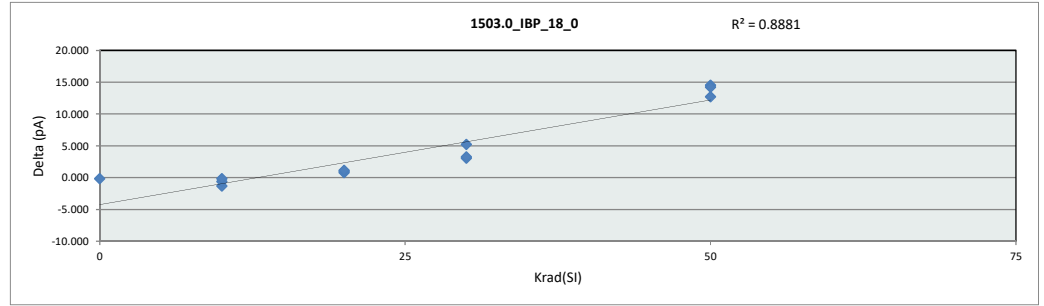


# HDR TID Report OPA4H014-SEP

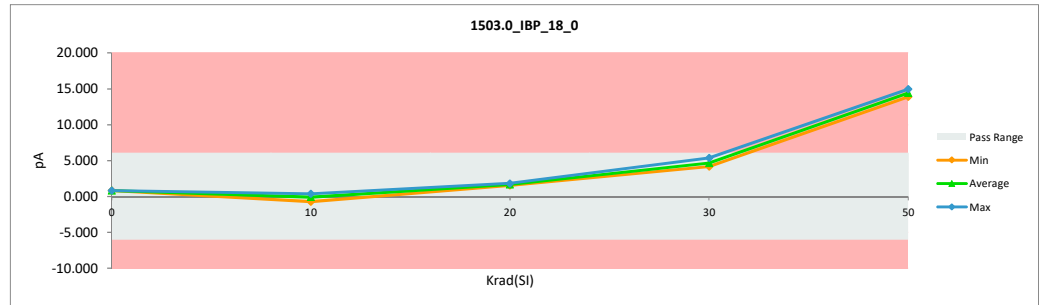
1503.0_IBP_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.800	0.940	-0.140	-17.50%	1.17%
10	1	-0.720	0.610	-1.330	184.72%	11.08%
10	2	0.090	0.700	-0.610	-677.78%	5.08%
10	3	0.360	0.540	-0.180	-50.00%	1.50%
20	4	1.630	0.620	1.010	61.96%	8.42%
20	5	1.540	0.750	0.790	51.30%	6.58%
20	6	1.820	0.660	1.160	63.74%	9.67%
30	7	4.450	1.410	3.040	68.31%	25.33%
30	8	5.360	0.140	5.220	97.39%	43.50%
30	9	4.170	0.920	3.250	77.94%	27.08%
50	10	13.880	1.150	12.730	91.71%	106.08%
50	11	14.950	0.430	14.520	97.12%	121.00%
50	12	14.430	0.220	14.210	98.48%	118.42%
	Max	14.950	1.410	14.520	184.72%	121.00%
	Average	4.828	0.699	4.128	11.34%	37.30%
	Min	-0.720	0.140	-1.330	-677.78%	1.17%
	Std Dev	5.751	0.350	5.813	214.66%	46.06%

TID Report



1503.0_IBP_18_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	0.800	-0.720	1.540	4.170	13.880
Average	0.800	-0.090	1.663	4.660	14.420
Max	0.800	0.360	1.820	5.360	14.950
UL	6.000	6.000	6.000	6.000	6.000

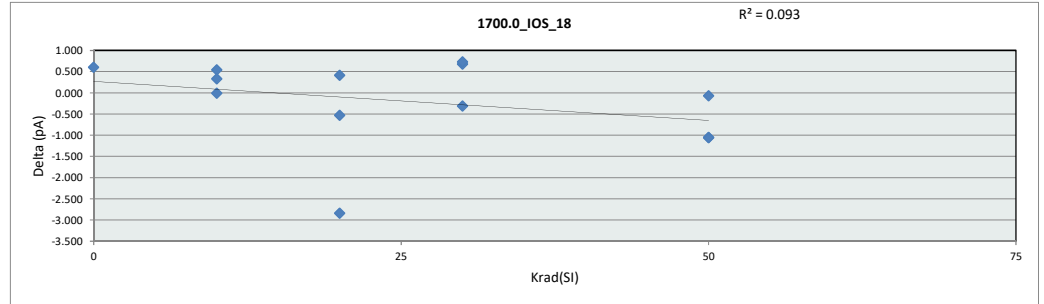


# HDR TID Report OPA4H014-SEP

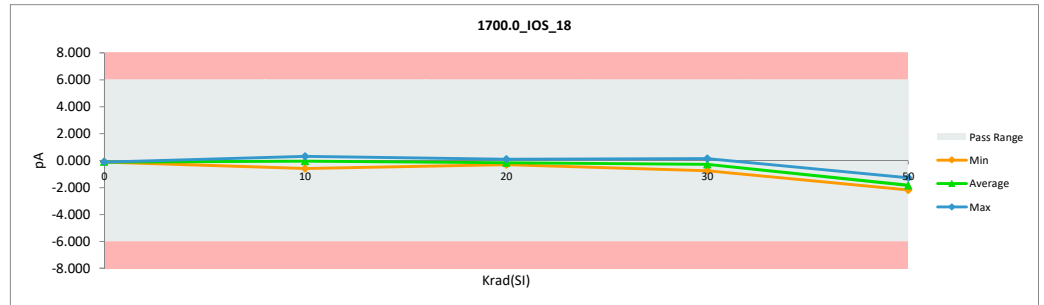
1700.0_IOS_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.100	-0.700	0.600	-600.00%	5.00%
10	1	-0.580	-1.120	0.540	-93.10%	4.50%
10	2	0.310	-0.020	0.330	106.45%	2.75%
10	3	0.140	0.150	-0.010	-7.14%	0.08%
20	4	0.100	-0.310	0.410	410.00%	3.42%
20	5	-0.310	2.530	-2.840	916.13%	23.67%
20	6	-0.240	0.290	-0.530	220.83%	4.42%
30	7	-0.280	-0.960	0.680	-242.86%	5.67%
30	8	-0.740	-0.430	-0.310	41.89%	2.58%
30	9	0.160	-0.570	0.730	456.25%	6.08%
50	10	-1.280	-1.210	-0.070	5.47%	0.58%
50	11	-2.180	-1.130	-1.050	48.17%	8.75%
50	12	-2.060	-1.000	-1.060	51.46%	8.83%
	Max	0.310	2.530	0.730	916.13%	23.67%
	Average	-0.543	-0.345	-0.198	101.04%	5.87%
	Min	-2.180	-1.210	-2.840	-600.00%	0.08%
	Std Dev	0.820	0.999	1.004	362.56%	5.96%

TID Report



1700.0_IOS_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	-0.100	-0.580	-0.310	-0.740	-2.180
Average	-0.100	-0.043	-0.150	-0.287	-1.840
Max	-0.100	0.310	0.100	0.160	-1.280
UL	6.000	6.000	6.000	6.000	6.000

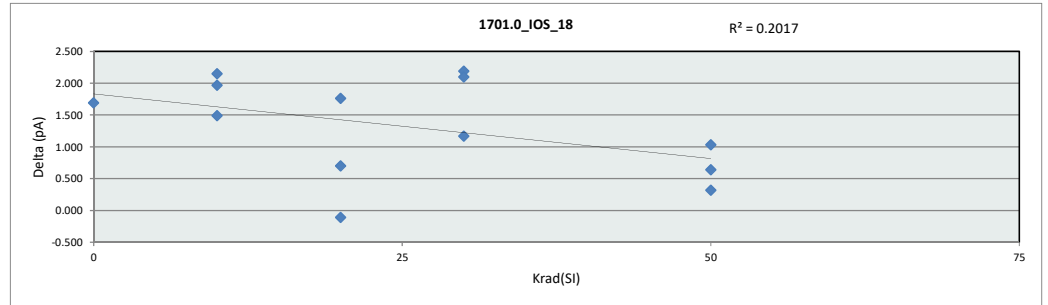


# HDR TID Report OPA4H014-SEP

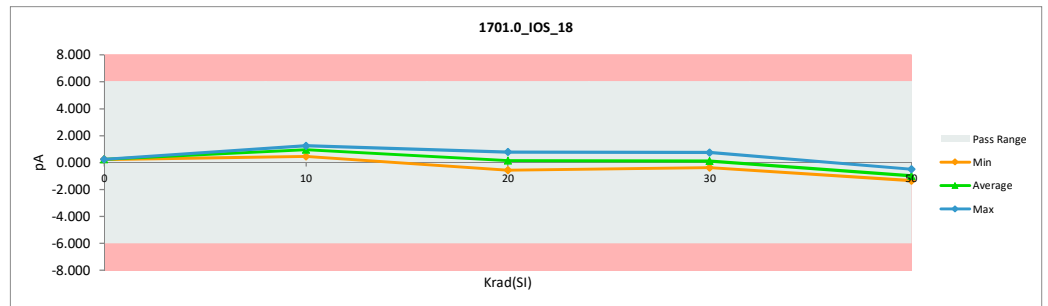
1701.0_IOS_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.240	-1.450	1.690	704.17%	14.08%
10	1	1.250	-0.720	1.970	157.60%	16.42%
10	2	1.170	-0.980	2.150	183.76%	17.92%
10	3	0.450	-1.040	1.490	331.11%	12.42%
20	4	0.780	-0.980	1.760	225.64%	14.67%
20	5	0.200	0.310	-0.110	-55.00%	0.92%
20	6	-0.570	-1.270	0.700	-122.81%	5.83%
30	7	0.010	-2.180	2.190	21900.00%	18.25%
30	8	-0.380	-1.550	1.170	-307.89%	9.75%
30	9	0.750	-1.350	2.100	280.00%	17.50%
50	10	-0.490	-1.520	1.030	-210.20%	8.58%
50	11	-1.120	-1.760	0.640	-57.14%	5.33%
50	12	-1.340	-1.660	0.320	-23.88%	2.67%
	Max	1.250	0.310	2.190	21900.00%	18.25%
	Average	0.073	-1.242	1.315	1769.64%	11.10%
	Min	-1.340	-2.180	-0.110	-307.89%	0.92%
	Std Dev	0.821	0.606	0.755	6054.29%	6.01%

TID Report



1701.0_IOS_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	0.240	0.450	-0.570	-0.380	-1.340
Average	0.240	0.957	0.137	0.127	-0.983
Max	0.240	1.250	0.780	0.750	-0.490
UL	6.000	6.000	6.000	6.000	6.000

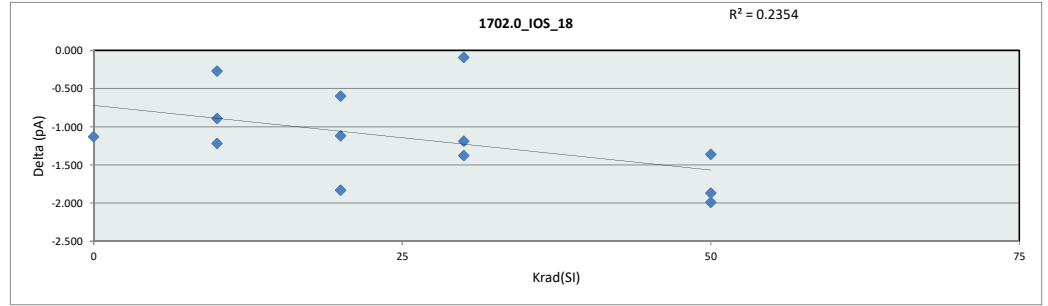


# HDR TID Report OPA4H014-SEP

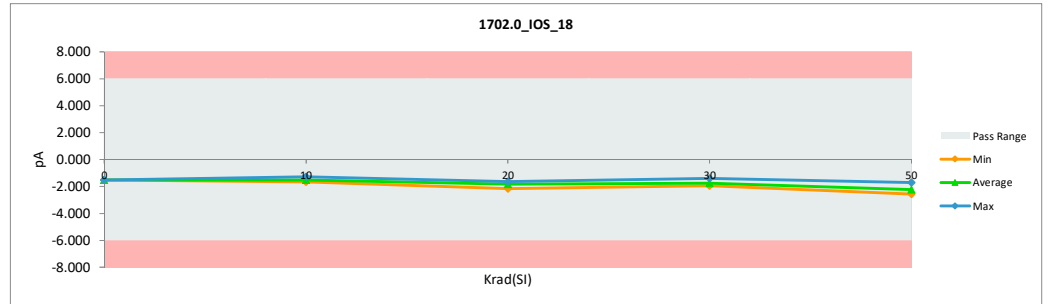
1702.0_IOS_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-1.510	-0.380	-1.130	74.83%	9.42%
10	1	-1.280	-1.010	-0.270	21.09%	2.25%
10	2	-1.600	-0.380	-1.220	76.25%	10.17%
10	3	-1.650	-0.760	-0.890	53.94%	7.42%
20	4	-1.630	-0.510	-1.120	68.71%	9.33%
20	5	-1.710	-1.110	-0.600	35.09%	5.00%
20	6	-2.160	-0.330	-1.830	84.72%	15.25%
30	7	-1.400	-1.310	-0.090	6.43%	0.75%
30	8	-1.880	-0.690	-1.190	63.30%	9.92%
30	9	-1.950	-0.570	-1.380	70.77%	11.50%
50	10	-2.430	-0.560	-1.870	76.95%	15.58%
50	11	-1.700	-0.340	-1.360	80.00%	11.33%
50	12	-2.560	-0.570	-1.990	77.73%	16.58%
	Max	-1.280	-0.330	-0.090	84.72%	16.58%
	Average	-1.805	-0.655	-1.149	60.76%	9.58%
	Min	-2.560	-1.310	-1.990	6.43%	0.75%
	Std Dev	0.383	0.313	0.582	24.72%	4.85%

TID Report



1702.0_IOS_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	-1.510	-1.650	-2.160	-1.950	-2.560
Average	-1.510	-1.510	-1.833	-1.743	-2.230
Max	-1.510	-1.280	-1.630	-1.400	-1.700
UL	6.000	6.000	6.000	6.000	6.000

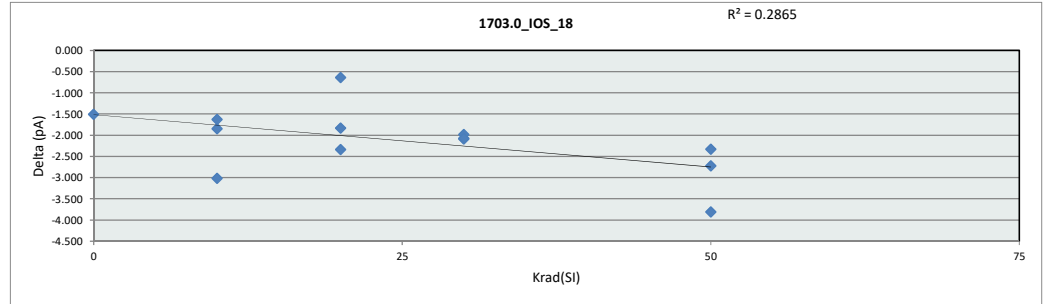


# HDR TID Report OPA4H014-SEP

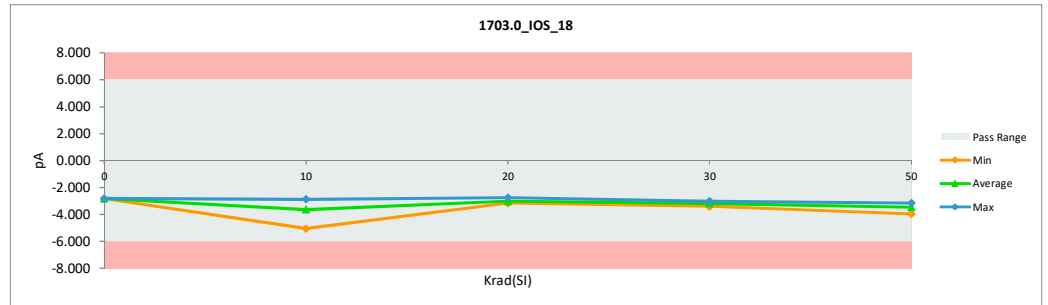
1703.0_IOS_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-2.820	-1.310	-1.510	53.55%	12.58%
10	1	-5.050	-2.030	-3.020	59.80%	25.17%
10	2	-2.870	-1.240	-1.630	56.79%	13.58%
10	3	-3.010	-1.160	-1.850	61.46%	15.42%
20	4	-3.170	-0.830	-2.340	73.82%	19.50%
20	5	-2.750	-2.110	-0.640	23.27%	5.33%
20	6	-3.120	-1.290	-1.830	58.65%	15.25%
30	7	-3.410	-1.430	-1.980	58.06%	16.50%
30	8	-3.020	-0.930	-2.090	69.21%	17.42%
30	9	-3.120	-1.050	-2.070	66.35%	17.25%
50	10	-3.290	-0.960	-2.330	70.82%	19.42%
50	11	-3.970	-0.160	-3.810	95.97%	31.75%
50	12	-3.150	-0.430	-2.720	86.35%	22.67%
Max		-2.750	-0.160	-0.640	95.97%	31.75%
Average		-3.288	-1.148	-2.140	64.16%	17.83%
Min		-5.050	-2.110	-3.810	23.27%	5.33%
Std Dev		0.613	0.542	0.769	17.33%	6.41%

TID Report



1703.0_IOS_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	6	pA			
Min Limit	-6	pA			
krad(Si)	0	10	20	30	50
LL	-6.000	-6.000	-6.000	-6.000	-6.000
Min	-2.820	-5.050	-3.170	-3.410	-3.970
Average	-2.820	-3.643	-3.013	-3.183	-3.470
Max	-2.820	-2.870	-2.750	-3.020	-3.150
UL	6.000	6.000	6.000	6.000	6.000

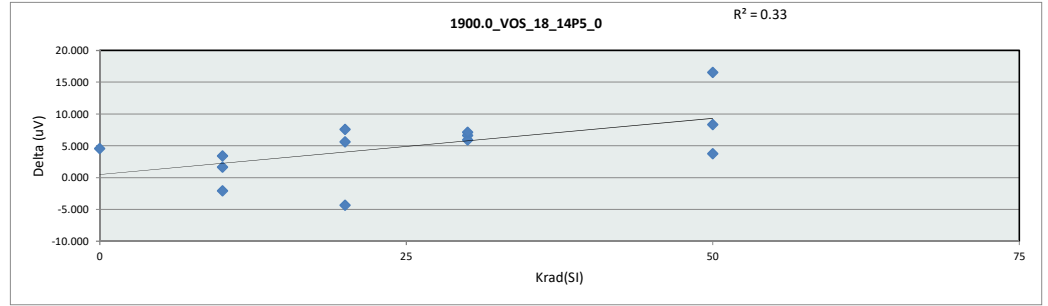


# HDR TID Report OPA4H014-SEP

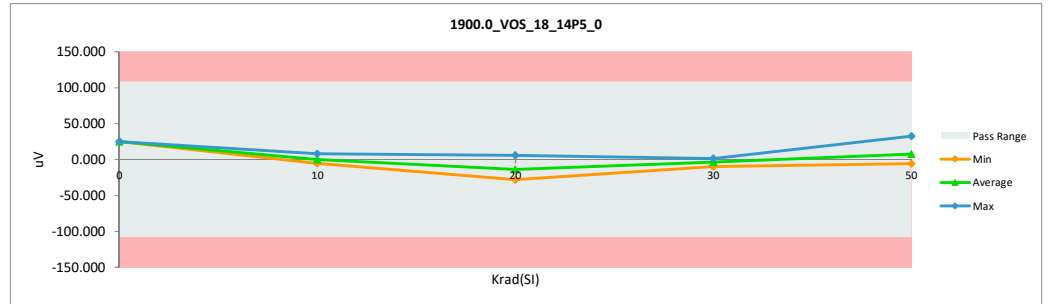
1900.0_VOS_18_14P5_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	108	108
Min Limit	-108	-108

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	24.970	20.420	4.550	18.22%	2.11%
10	1	-5.380	-3.290	-2.090	38.85%	0.97%
10	2	-2.250	-3.920	1.670	-74.22%	0.77%
10	3	8.140	4.710	3.430	42.14%	1.59%
20	4	-19.250	-24.870	5.620	-29.19%	2.60%
20	5	-28.050	-35.660	7.610	-27.13%	3.52%
20	6	6.070	10.410	-4.340	-71.50%	2.01%
30	7	-9.870	-16.510	6.640	-67.27%	3.07%
30	8	1.380	-4.540	5.920	428.99%	2.74%
30	9	-1.470	-8.600	7.130	-485.03%	3.30%
50	10	-5.530	-22.090	16.560	-299.46%	7.67%
50	11	-3.540	-11.860	8.320	-235.03%	3.85%
50	12	32.580	28.840	3.740	11.48%	1.73%
	Max	32.580	28.840	16.560	428.99%	7.67%
	Average	-0.169	-5.151	4.982	-57.63%	2.76%
	Min	-28.050	-35.660	-4.340	-485.03%	0.77%
	Std Dev	16.134	18.135	5.105	212.43%	1.75%

TID Report



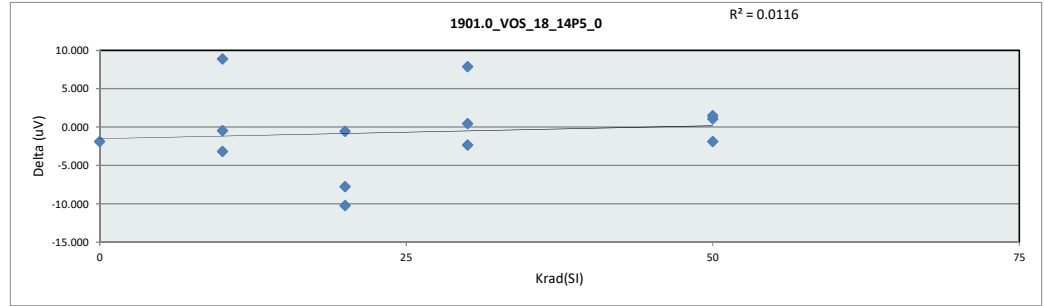
1900.0_VOS_18_14P5_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	108	uV			
Min Limit	-108	uV			
krad(Si)	0	10	20	30	50
LL	-108.000	-108.000	-108.000	-108.000	-108.000
Min	24.970	-5.380	-28.050	-9.870	-5.530
Average	24.970	0.170	-13.743	-3.320	7.837
Max	24.970	8.140	6.070	1.380	32.580
UL	108.000	108.000	108.000	108.000	108.000



# HDR TID Report OPA4H014-SEP

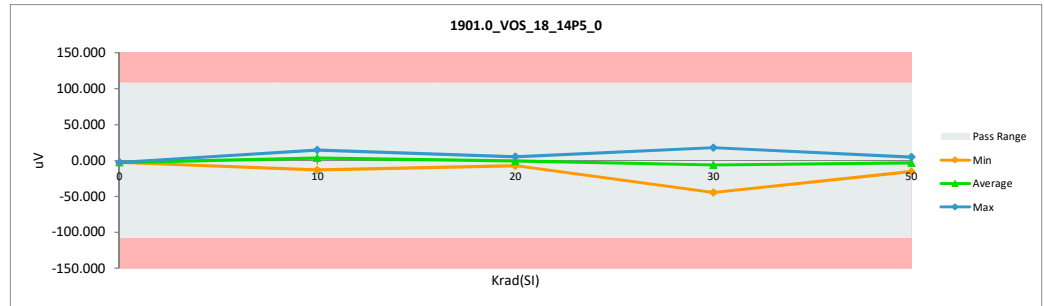
1901.0_VOS_18_14P5_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	108	108
Min Limit	-108	-108

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-2.690	-0.800	-1.890	70.26%	0.88%
10	1	8.930	12.080	-3.150	-35.27%	1.46%
10	2	14.690	15.160	-0.470	-3.20%	0.22%
10	3	-13.200	-22.080	8.880	-67.27%	4.11%
20	4	5.480	15.680	-10.200	-186.13%	4.72%
20	5	-7.300	-6.770	-0.530	7.26%	0.25%
20	6	-0.110	7.640	-7.750	7045.45%	3.59%
30	7	-44.560	-45.030	0.470	-1.05%	0.22%
30	8	17.790	9.890	7.900	44.41%	3.66%
30	9	8.540	10.890	-2.350	-27.52%	1.09%
50	10	4.870	3.800	1.070	21.97%	0.50%
50	11	0.630	-0.880	1.510	239.68%	0.70%
50	12	-15.310	-13.450	-1.860	12.15%	0.86%
	Max	17.790	15.680	8.880	7045.45%	4.72%
	Average	-1.711	-1.067	-0.644	547.75%	1.71%
	Min	-44.560	-45.030	-10.200	-186.13%	0.22%
	Std Dev	16.217	17.415	5.217	1954.57%	1.66%



1901.0_VOS_18_14P5_0	
Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	108 uV
Min Limit	-108 uV

krad(Si)	0	10	20	30	50
LL	-108.000	-108.000	-108.000	-108.000	-108.000
Min	-2.690	-13.200	-7.300	-44.560	-15.310
Average	-2.690	3.473	-0.643	-6.077	-3.270
Max	-2.690	14.690	5.480	17.790	4.870
UL	108.000	108.000	108.000	108.000	108.000



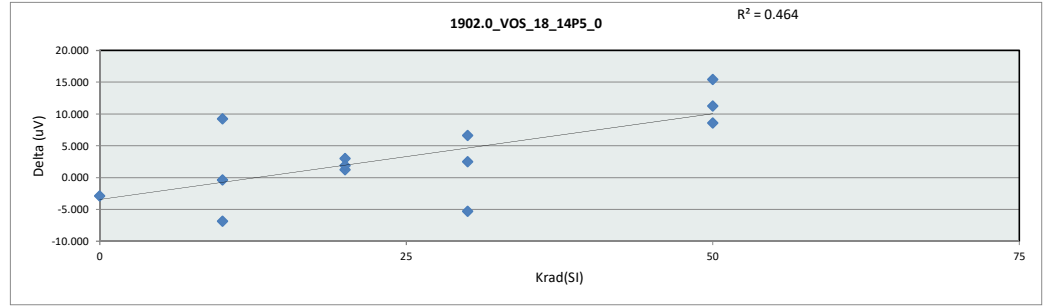


# HDR TID Report OPA4H014-SEP

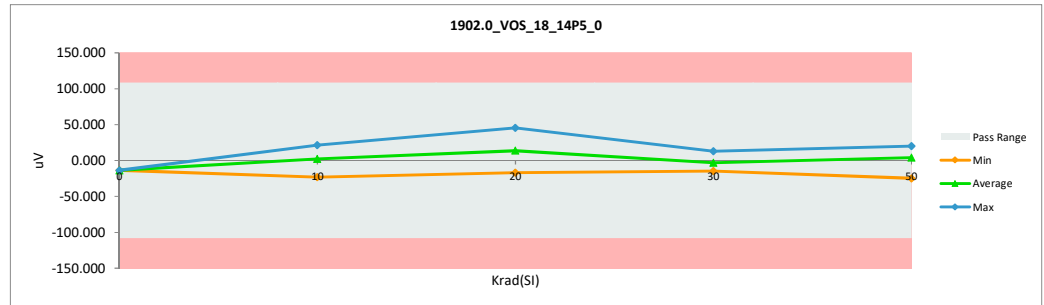
1902.0_VOS_18_14P5_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	108	108
Min Limit	-108	-108

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-13.560	-10.670	-2.890	21.31%	1.34%
10	1	-23.140	-22.770	-0.370	1.60%	0.17%
10	2	8.560	15.430	-6.870	-80.26%	3.18%
10	3	21.520	12.290	9.230	42.89%	4.27%
20	4	-16.840	-18.110	1.270	-7.54%	0.59%
20	5	12.490	9.500	2.990	23.94%	1.38%
20	6	45.570	43.660	1.910	4.19%	0.88%
30	7	-7.320	-13.950	6.630	-90.57%	3.07%
30	8	-14.450	-9.160	-5.290	36.61%	2.45%
30	9	13.010	10.510	2.500	19.22%	1.16%
50	10	17.100	5.830	11.270	65.91%	5.22%
50	11	20.190	11.610	8.580	42.50%	3.97%
50	12	-24.710	-40.160	15.450	-62.53%	7.15%
	Max	45.570	43.660	15.450	65.91%	7.15%
	Average	2.955	-0.461	3.416	1.33%	2.68%
	Min	-24.710	-40.160	-6.870	-90.57%	0.17%
	Std Dev	21.214	21.435	6.588	49.44%	2.06%

TID Report



1902.0_VOS_18_14P5_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	108	uV			
Min Limit	-108	uV			
krad(Si)	0	10	20	30	50
LL	-108.000	-108.000	-108.000	-108.000	-108.000
Min	-13.560	-23.140	-16.840	-14.450	-24.710
Average	-13.560	2.313	13.740	-2.920	4.193
Max	-13.560	21.520	45.570	13.010	20.190
UL	108.000	108.000	108.000	108.000	108.000

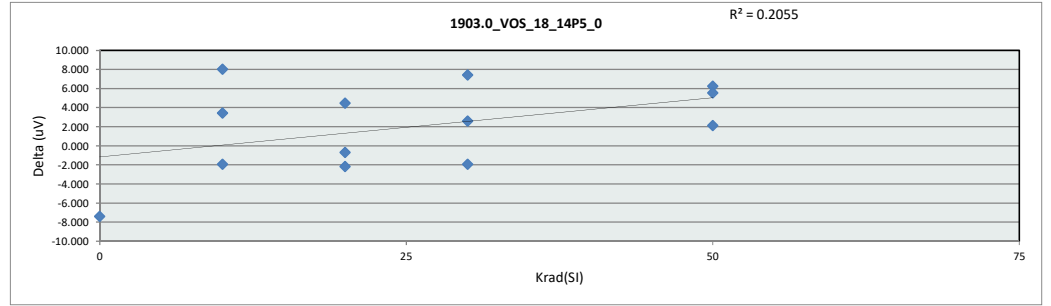


# HDR TID Report OPA4H014-SEP

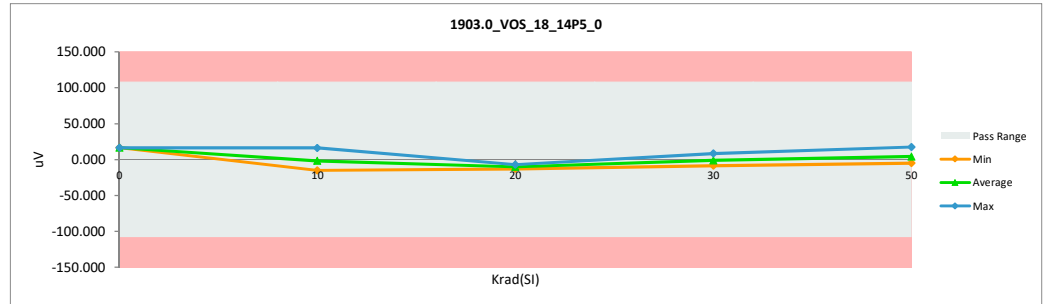
1903.0_VOS_18_14P5_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	108	108
Min Limit	-108	-108

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	16.520	23.910	-7.390	-44.73%	3.42%
10	1	16.370	12.940	3.430	20.95%	1.59%
10	2	-15.100	-13.180	-1.920	12.72%	0.89%
10	3	-6.660	-14.690	8.030	-120.57%	3.72%
20	4	-7.040	-6.350	-0.690	9.80%	0.32%
20	5	-10.090	-14.580	4.490	-44.50%	2.08%
20	6	-13.030	-10.870	-2.160	16.58%	1.00%
30	7	-3.420	-1.490	-1.930	56.43%	0.89%
30	8	-8.430	-11.040	2.610	-30.96%	1.21%
30	9	8.460	1.040	7.420	87.71%	3.44%
50	10	17.500	11.240	6.260	35.77%	2.90%
50	11	0.420	-5.120	5.540	1319.05%	2.56%
50	12	-4.940	-7.060	2.120	-42.91%	0.98%
	Max	17.500	23.910	8.030	1319.05%	3.72%
	Average	-0.726	-2.712	1.985	98.10%	1.92%
	Min	-15.100	-14.690	-7.390	-120.57%	0.32%
	Std Dev	11.593	12.013	4.551	370.72%	1.16%

TID Report



1903.0_VOS_18_14P5_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	108	uV			
Min Limit	-108	uV			
krad(Si)	0	10	20	30	50
LL	-108.000	-108.000	-108.000	-108.000	-108.000
Min	16.520	-15.100	-13.030	-8.430	-4.940
Average	16.520	-1.797	-10.053	-1.130	4.327
Max	16.520	16.370	-7.040	8.460	17.500
UL	108.000	108.000	108.000	108.000	108.000

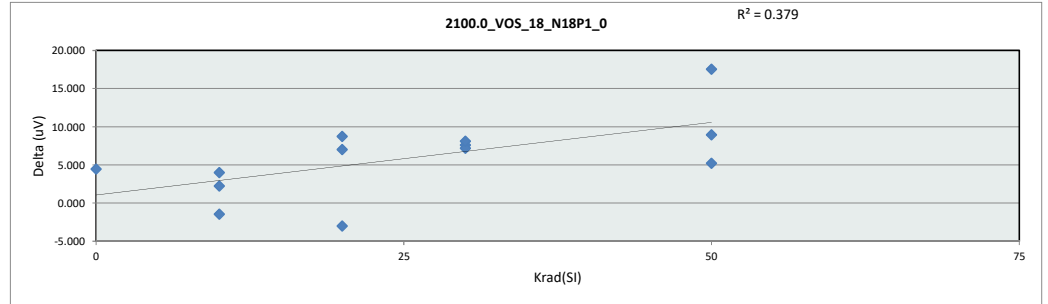


# HDR TID Report OPA4H014-SEP

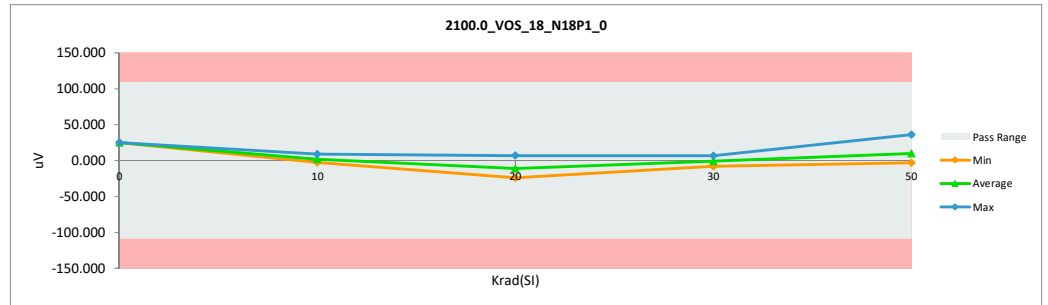
2100.0_VOS_18_N18P1_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	109	109
Min Limit	-109	-109

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	25.190	20.730	4.460	17.71%	2.05%
10	1	-2.410	-0.950	-1.460	60.58%	0.67%
10	2	-1.170	-3.410	2.240	-191.45%	1.03%
10	3	8.970	4.970	4.000	44.59%	1.83%
20	4	-16.530	-23.550	7.020	-42.47%	3.22%
20	5	-23.880	-32.600	8.720	-36.52%	4.00%
20	6	7.030	10.020	-2.990	-42.53%	1.37%
30	7	-7.930	-15.550	7.620	-96.09%	3.50%
30	8	6.670	-0.520	7.190	107.80%	3.30%
30	9	-1.460	-9.550	8.090	-554.11%	3.71%
50	10	-3.200	-20.740	17.540	-548.12%	8.05%
50	11	-2.780	-11.740	8.960	-322.30%	4.11%
50	12	36.160	30.940	5.220	14.44%	2.39%
	Max	36.160	30.940	17.540	107.80%	8.05%
	Average	1.897	-3.996	5.893	-122.19%	3.02%
	Min	-23.880	-32.600	-2.990	-554.11%	0.67%
	Std Dev	15.820	17.878	5.133	220.96%	1.90%

TID Report



2100.0_VOS_18_N18P1_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	109	uV			
Min Limit	-109	uV			
krad(Si)	0	10	20	30	50
LL	-109.000	-109.000	-109.000	-109.000	-109.000
Min	25.190	-2.410	-23.880	-7.930	-3.200
Average	25.190	1.797	-11.127	-0.907	10.060
Max	25.190	8.970	7.030	6.670	36.160
UL	109.000	109.000	109.000	109.000	109.000

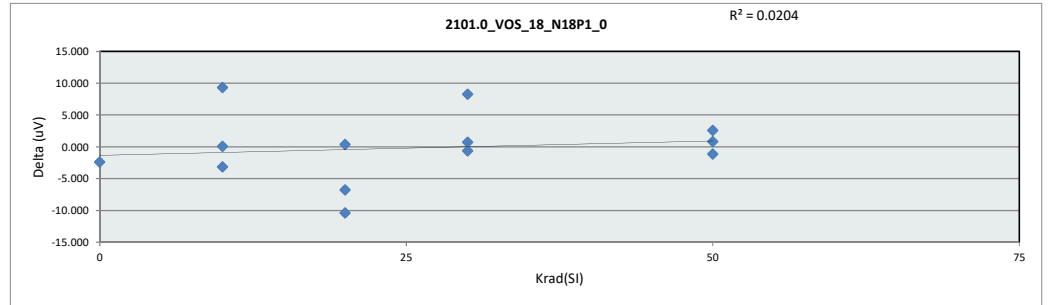


# HDR TID Report OPA4H014-SEP

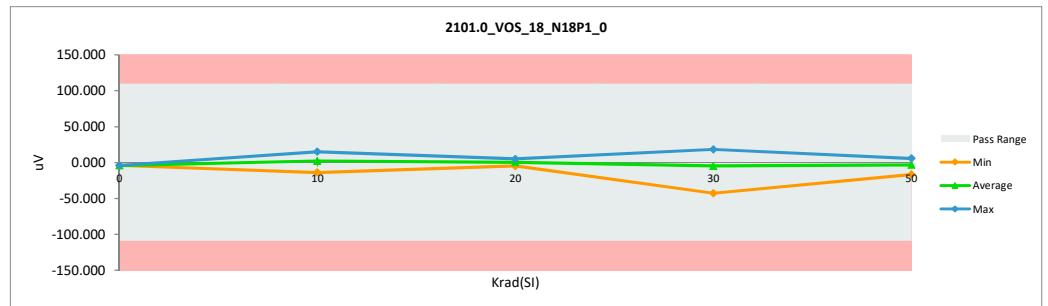
2101.0_VOS_18_N18P1_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	109	109
Min Limit	-109	-109

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-4.020	-1.620	-2.400	59.70%	1.10%
10	1	5.240	8.370	-3.130	-59.73%	1.44%
10	2	15.260	15.210	0.050	0.33%	0.02%
10	3	-13.890	-23.210	9.320	-67.10%	4.28%
20	4	5.230	15.600	-10.370	-198.28%	4.76%
20	5	-4.630	-4.990	0.360	-7.78%	0.17%
20	6	0.950	7.720	-6.770	-712.63%	3.11%
30	7	-42.740	-43.470	0.730	-1.71%	0.33%
30	8	18.260	9.970	8.290	45.40%	3.80%
30	9	10.750	11.390	-0.640	-5.95%	0.29%
50	10	5.890	5.050	0.840	14.26%	0.39%
50	11	1.280	-1.300	2.580	201.56%	1.18%
50	12	-16.550	-15.430	-1.120	6.77%	0.51%
Max		18.260	15.600	9.320	201.56%	4.76%
Average		-1.459	-1.285	-0.174	-55.78%	1.64%
Min		-42.740	-43.470	-10.370	-712.63%	0.02%
Std Dev		16.014	17.159	5.274	216.29%	1.71%

TID Report



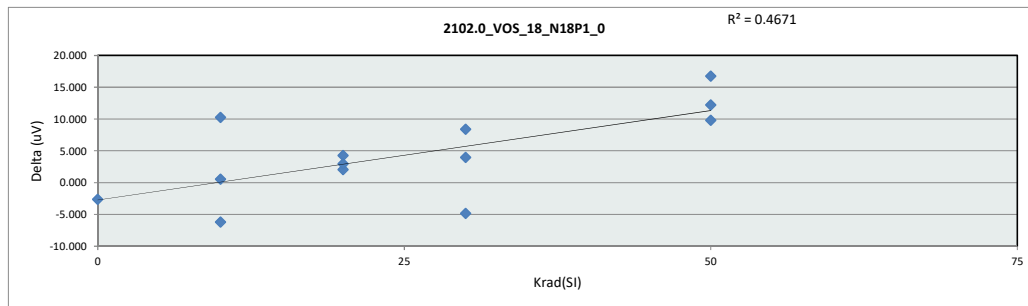
2101.0_VOS_18_N18P1_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	109	uV			
Min Limit	-109	uV			
krad(Si)	0	10	20	30	50
LL	-109.000	-109.000	-109.000	-109.000	-109.000
Min	-4.020	-13.890	-4.630	-42.740	-16.550
Average	-4.020	2.203	0.517	-4.577	-3.127
Max	-4.020	15.260	5.230	18.260	5.890
UL	109.000	109.000	109.000	109.000	109.000



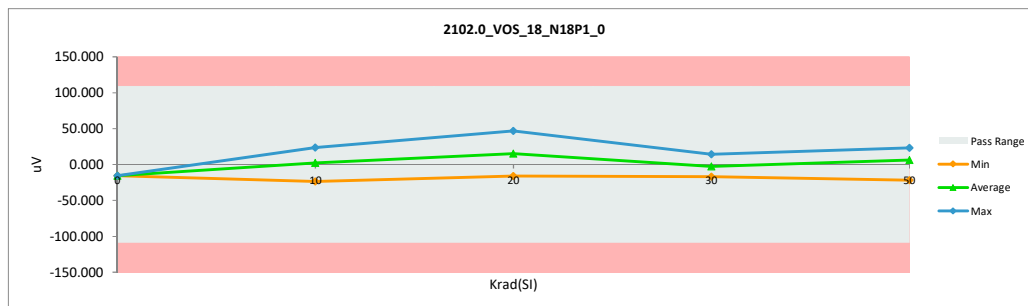
# HDR TID Report OPA4H014-SEP

2102.0_VOS_18_N18P1_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	109	109
Min Limit	-109	-109

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-15.580	-12.960	-2.620	16.82%	1.20%
10	1	-23.420	-23.960	0.540	-2.31%	0.25%
10	2	6.210	12.410	-6.200	-99.84%	2.84%
10	3	23.940	13.710	10.230	42.73%	4.69%
20	4	-15.940	-17.970	2.030	-12.74%	0.93%
20	5	14.740	10.480	4.260	28.90%	1.95%
20	6	46.800	43.820	2.980	6.37%	1.37%
30	7	-4.880	-13.250	8.370	-171.52%	3.84%
30	8	-16.840	-11.980	-4.860	28.86%	2.23%
30	9	14.480	10.520	3.960	27.35%	1.82%
50	10	17.900	5.690	12.210	68.21%	5.60%
50	11	23.260	13.480	9.780	42.05%	4.49%
50	12	-21.730	-38.470	16.740	-77.04%	7.68%
	Max	46.800	43.820	16.740	68.21%	7.68%
	Average	3.765	-0.652	4.417	-7.86%	2.99%
	Min	-23.420	-38.470	-6.200	-171.52%	0.25%
	Std Dev	21.854	21.516	6.844	68.11%	2.15%



2102.0_VOS_18_N18P1_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	109	uV			
Min Limit	-109	uV			
krad(Si)	0	10	20	30	50
LL	-109.000	-109.000	-109.000	-109.000	-109.000
Min	-15.580	-23.420	-15.940	-16.840	-21.730
Average	-15.580	2.243	15.200	-2.413	6.477
Max	-15.580	23.940	46.800	14.480	23.260
UL	109.000	109.000	109.000	109.000	109.000

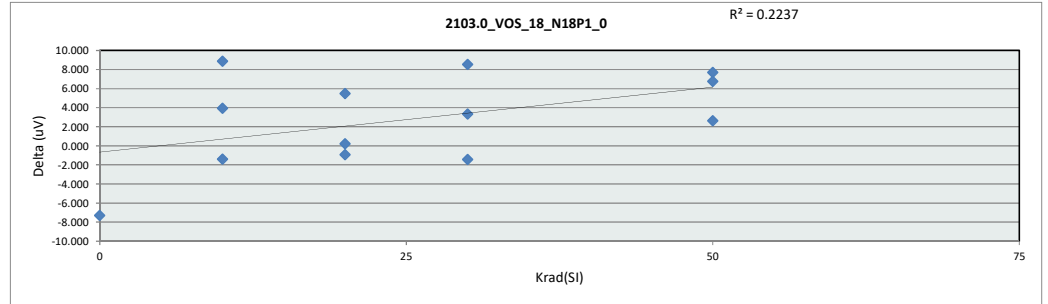


# HDR TID Report OPA4H014-SEP

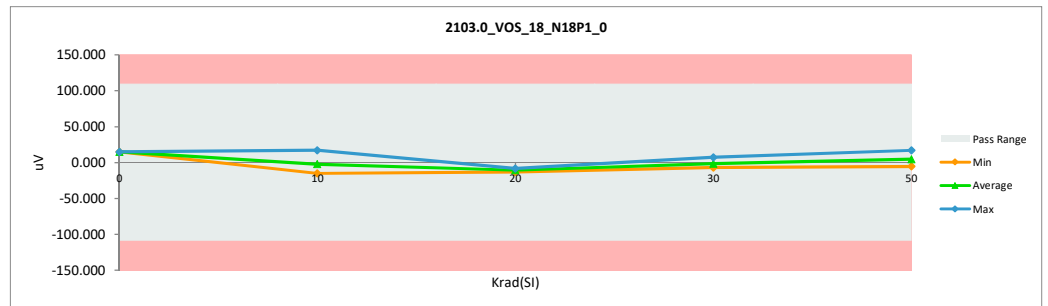
2103.0_VOS_18_N18P1_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	109	109
Min Limit	-109	-109

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	14.970	22.260	-7.290	-48.70%	3.34%
10	1	17.110	13.160	3.950	23.09%	1.81%
10	2	-15.140	-13.740	-1.400	9.25%	0.64%
10	3	-8.400	-17.260	8.860	-105.48%	4.06%
20	4	-8.160	-8.360	0.200	-2.45%	0.09%
20	5	-10.370	-15.840	5.470	-52.75%	2.51%
20	6	-13.220	-12.290	-0.930	7.03%	0.43%
30	7	-5.130	-3.690	-1.440	28.07%	0.66%
30	8	-6.890	-10.220	3.330	-48.33%	1.53%
30	9	7.340	-1.180	8.520	116.08%	3.91%
50	10	17.180	9.480	7.700	44.82%	3.53%
50	11	2.510	-4.250	6.760	269.32%	3.10%
50	12	-5.350	-7.990	2.640	-49.35%	1.21%
	Max	17.180	22.260	8.860	269.32%	4.06%
	Average	-1.042	-3.840	2.798	14.66%	2.06%
	Min	-15.140	-17.260	-7.290	-105.48%	0.09%
	Std Dev	11.580	11.996	4.796	94.75%	1.42%

TID Report



2103.0_VOS_18_N18P1_0					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	109	uV			
Min Limit	-109	uV			
krad(Si)	0	10	20	30	50
LL	-109.000	-109.000	-109.000	-109.000	-109.000
Min	14.970	-15.140	-13.220	-6.890	-5.350
Average	14.970	-2.143	-10.583	-1.560	4.780
Max	14.970	17.110	-8.160	7.340	17.180
UL	109.000	109.000	109.000	109.000	109.000

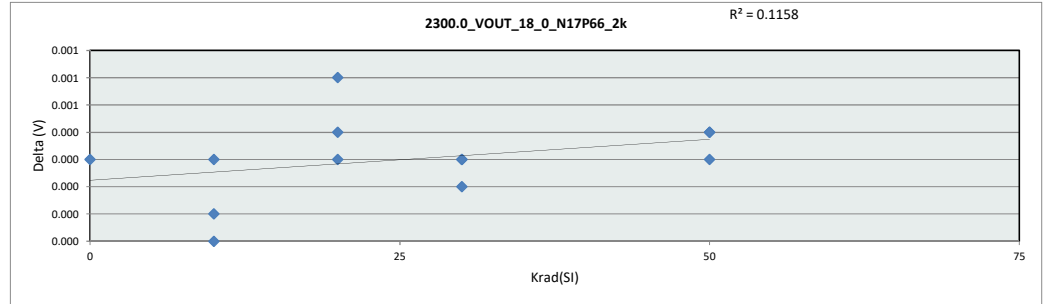


# HDR TID Report OPA4H014-SEP

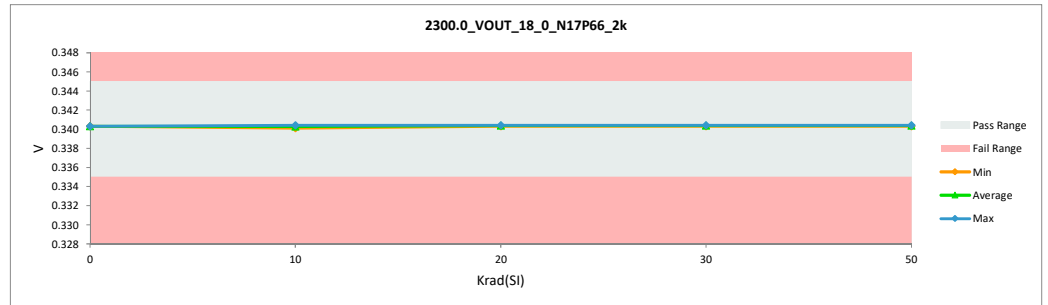
2300.0_VOUT_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.340	0.340	0.000	0.09%	3.00%
10	1	0.340	0.340	0.000	0.00%	0.00%
10	2	0.340	0.340	0.000	0.03%	1.00%
10	3	0.340	0.340	0.000	0.09%	3.00%
20	4	0.340	0.340	0.000	0.12%	4.00%
20	5	0.340	0.340	0.001	0.18%	6.00%
20	6	0.340	0.340	0.000	0.09%	3.00%
30	7	0.340	0.340	0.000	0.09%	3.00%
30	8	0.340	0.340	0.000	0.09%	3.00%
30	9	0.340	0.340	0.000	0.06%	2.00%
50	10	0.340	0.340	0.000	0.09%	3.00%
50	11	0.340	0.340	0.000	0.12%	4.00%
50	12	0.340	0.340	0.000	0.12%	4.00%
	Max	0.340	0.340	0.001	0.18%	6.00%
	Average	0.340	0.340	0.000	0.09%	3.00%
	Min	0.340	0.340	0.000	0.00%	0.00%
	Std Dev	0.000	0.000	0.000	0.04%	1.47%

TID Report



2300.0_VOUT_18_0_N17P66					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.345				
Min Limit	0.335				
	0	10	20	30	50
krad(Si)	0	10	20	30	50
LL	0.335	0.335	0.335	0.335	0.335
Min	0.340	0.340	0.340	0.340	0.340
Average	0.340	0.340	0.340	0.340	0.340
Max	0.340	0.340	0.340	0.340	0.340
UL	0.345	0.345	0.345	0.345	0.345

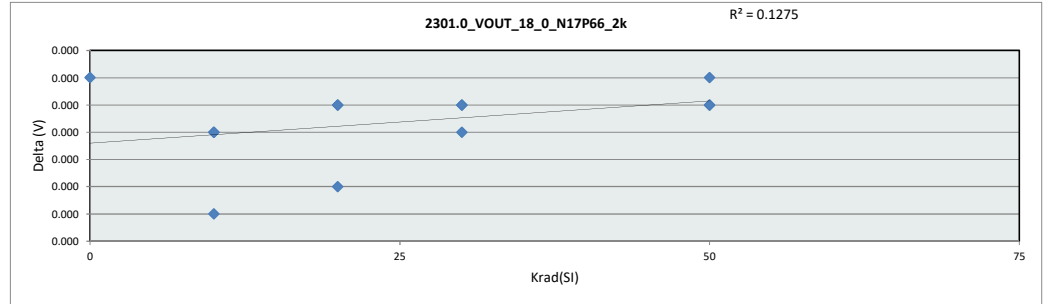


# HDR TID Report OPA4H014-SEP

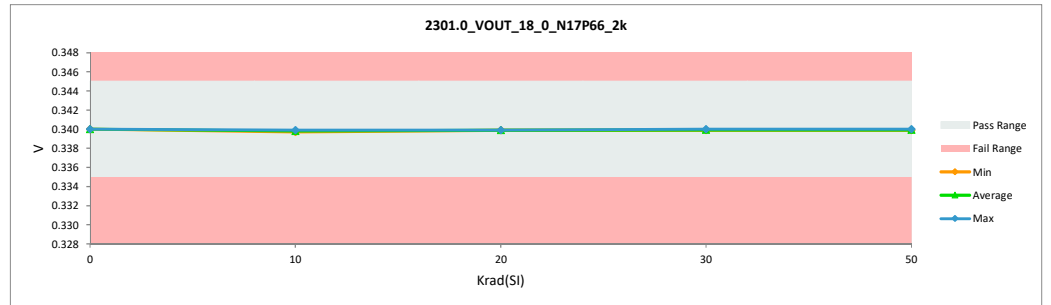
2301.0_VOUT_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.340	0.340	0.000	0.09%	3.00%
10	1	0.340	0.340	0.000	-0.06%	2.00%
10	2	0.340	0.340	0.000	0.03%	1.00%
10	3	0.340	0.340	0.000	0.03%	1.00%
20	4	0.340	0.340	0.000	0.06%	2.00%
20	5	0.340	0.340	0.000	-0.03%	1.00%
20	6	0.340	0.340	0.000	0.06%	2.00%
30	7	0.340	0.340	0.000	0.06%	2.00%
30	8	0.340	0.340	0.000	0.03%	1.00%
30	9	0.340	0.340	0.000	0.06%	2.00%
50	10	0.340	0.340	0.000	0.06%	2.00%
50	11	0.340	0.340	0.000	0.06%	2.00%
50	12	0.340	0.340	0.000	0.09%	3.00%
Max		0.340	0.340	0.000	0.09%	3.00%
Average		0.340	0.340	0.000	0.04%	1.85%
Min		0.340	0.340	0.000	-0.06%	1.00%
Std Dev		0.000	0.000	0.000	0.04%	0.69%

TID Report



2301.0_VOUT_18_0_N17P66					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.345				
Min Limit	0.335				
		V			
		V			
krad(Si)	0	10	20	30	50
LL	0.335	0.335	0.335	0.335	0.335
Min	0.340	0.340	0.340	0.340	0.340
Average	0.340	0.340	0.340	0.340	0.340
Max	0.340	0.340	0.340	0.340	0.340
UL	0.345	0.345	0.345	0.345	0.345





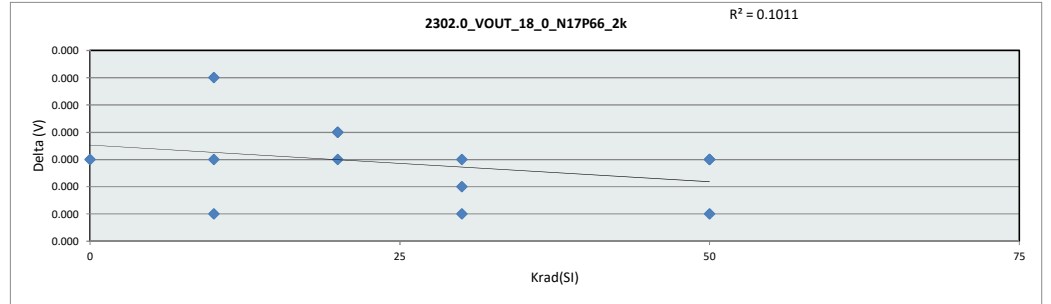
# HDR TID Report OPA4H014-SEP

## 2302.0\_VOUT\_18\_0\_N17P66\_2k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.340	0.340	0.000	-0.03%	1.00%
10	1	0.340	0.340	0.000	0.06%	2.00%
10	2	0.340	0.340	0.000	-0.09%	3.00%
10	3	0.340	0.340	0.000	-0.03%	1.00%
20	4	0.340	0.340	0.000	0.00%	0.00%
20	5	0.340	0.340	0.000	0.00%	0.00%
20	6	0.340	0.340	0.000	-0.03%	1.00%
30	7	0.340	0.340	0.000	-0.06%	2.00%
30	8	0.340	0.340	0.000	-0.03%	1.00%
30	9	0.340	0.340	0.000	-0.09%	3.00%
50	10	0.340	0.340	0.000	-0.03%	1.00%
50	11	0.340	0.340	0.000	-0.03%	1.00%
50	12	0.340	0.340	0.000	-0.09%	3.00%
Max		0.340	0.340	0.000	0.06%	3.00%
Average		0.340	0.340	0.000	-0.03%	1.46%
Min		0.340	0.340	0.000	-0.09%	0.00%
Std Dev		0.000	0.000	0.000	0.04%	1.05%

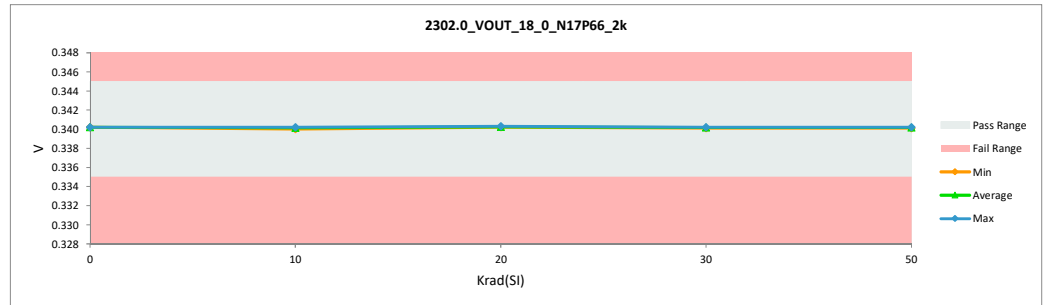
TID Report



## 2302.0\_VOUT\_18\_0\_N17P66

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.345
Min Limit	0.335

krad(Si)	0	10	20	30	50
LL	0.335	0.335	0.335	0.335	0.335
Min	0.340	0.340	0.340	0.340	0.340
Average	0.340	0.340	0.340	0.340	0.340
Max	0.340	0.340	0.340	0.340	0.340
UL	0.345	0.345	0.345	0.345	0.345

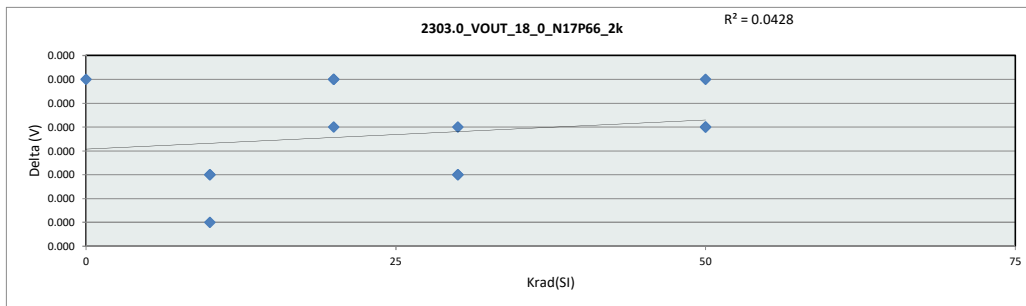


# HDR TID Report OPA4H014-SEP

## 2303.0\_VOUT\_18\_0\_N17P66\_2k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

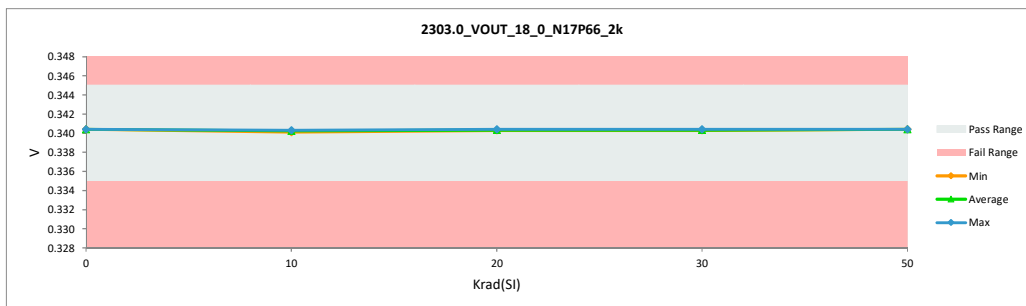
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.340	0.340	0.000	0.03%	1.00%
10	1	0.340	0.340	0.000	-0.03%	1.00%
10	2	0.340	0.340	0.000	-0.06%	2.00%
10	3	0.340	0.340	0.000	-0.03%	1.00%
20	4	0.340	0.340	0.000	0.03%	1.00%
20	5	0.340	0.340	0.000	0.03%	1.00%
20	6	0.340	0.340	0.000	0.00%	0.00%
30	7	0.340	0.340	0.000	0.00%	0.00%
30	8	0.340	0.340	0.000	-0.03%	1.00%
30	9	0.340	0.340	0.000	-0.03%	1.00%
50	10	0.340	0.340	0.000	0.00%	0.00%
50	11	0.340	0.340	0.000	0.00%	0.00%
50	12	0.340	0.340	0.000	0.03%	1.00%
Max		0.340	0.340	0.000	0.03%	2.00%
Average		0.340	0.340	0.000	0.00%	0.77%
Min		0.340	0.340	0.000	-0.06%	0.00%
Std Dev		0.000	0.000	0.000	0.03%	0.60%



## 2303.0\_VOUT\_18\_0\_N17P66

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.345
Min Limit	0.335

krad(Si)	0	10	20	30	50
LL	0.335	0.335	0.335	0.335	0.335
Min	0.340	0.340	0.340	0.340	0.340
Average	0.340	0.340	0.340	0.340	0.340
Max	0.340	0.340	0.340	0.340	0.340
UL	0.345	0.345	0.345	0.345	0.345

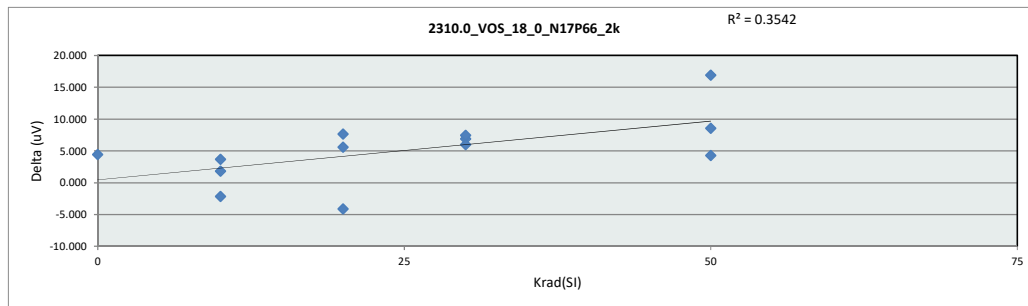


# HDR TID Report OPA4H014-SEP

## 2310.0\_VOS\_18\_0\_N17P66\_2k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

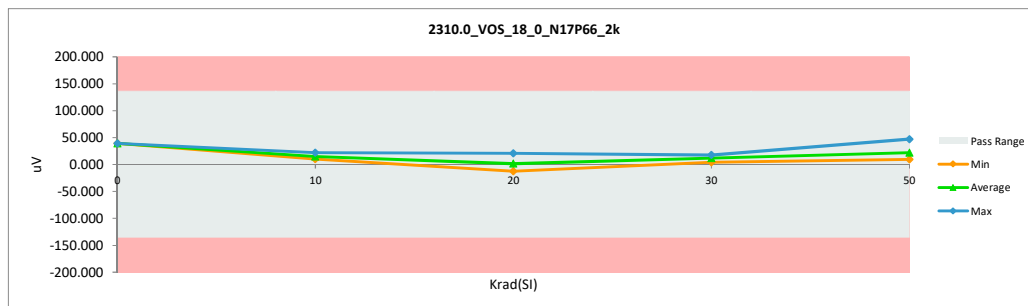
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	39.410	35.010	4.400	11.16%	1.62%
10	1	10.460	12.620	-2.160	-20.65%	0.79%
10	2	12.610	10.820	1.790	14.20%	0.66%
10	3	22.370	18.690	3.680	16.45%	1.35%
20	4	-3.890	-9.490	5.600	-143.96%	2.06%
20	5	-12.310	-19.930	7.620	-61.90%	2.80%
20	6	21.190	25.310	-4.120	-19.44%	1.51%
30	7	4.340	-2.550	6.890	158.76%	2.53%
30	8	17.710	11.720	5.990	33.82%	2.20%
30	9	13.660	6.200	7.460	54.61%	2.74%
50	10	9.410	-7.470	16.880	179.38%	6.21%
50	11	9.830	1.300	8.530	86.78%	3.14%
50	12	47.370	43.120	4.250	8.97%	1.56%
Max		47.370	43.120	16.880	179.38%	6.21%
Average		14.782	9.642	5.139	24.48%	2.24%
Min		-12.310	-19.930	-4.120	-143.96%	0.66%
Std Dev		15.931	17.958	5.153	85.29%	1.41%



## 2310.0\_VOS\_18\_0\_N17P66\_2

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	136 uV
Min Limit	-136 uV

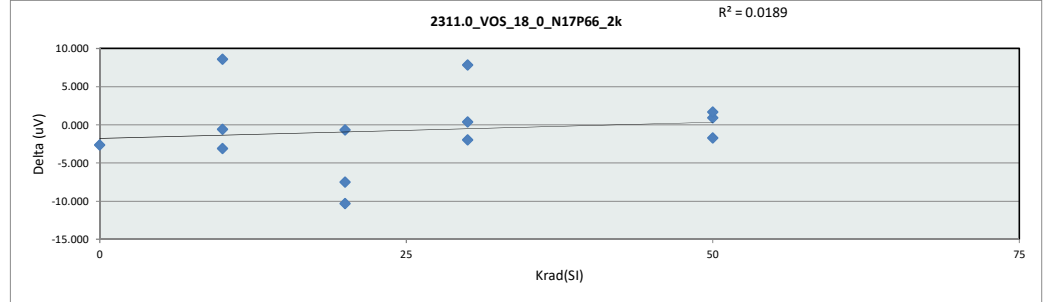
krad(Si)	0	10	20	30	50
LL	-136.000	-136.000	-136.000	-136.000	-136.000
Min	39.410	10.460	-12.310	4.340	9.410
Average	39.410	15.147	1.663	11.903	22.203
Max	39.410	22.370	21.190	17.710	47.370
UL	136.000	136.000	136.000	136.000	136.000



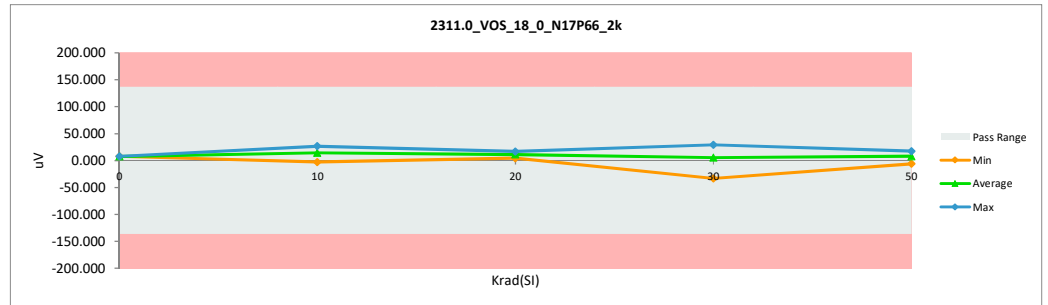
HDR TID Report  
OPA4H014-SEP

2311.0_VOS_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	7.710	10.370	-2.660	-34.50%	0.98%
10	1	19.000	22.110	-3.110	-16.37%	1.14%
10	2	26.860	27.440	-0.580	-2.16%	0.21%
10	3	-2.630	-11.200	8.570	-325.86%	3.15%
20	4	17.070	27.370	-10.300	-60.34%	3.79%
20	5	4.590	5.270	-0.680	-14.81%	0.25%
20	6	12.560	20.080	-7.520	-59.87%	2.76%
30	7	-33.000	-33.350	0.350	-1.06%	0.13%
30	8	29.050	21.200	7.850	27.02%	2.89%
30	9	20.390	22.360	-1.970	-9.66%	0.72%
50	10	17.630	16.710	0.920	5.22%	0.34%
50	11	12.490	10.820	1.670	13.37%	0.61%
50	12	-6.070	-4.330	-1.740	28.67%	0.64%
Max		29.050	27.440	8.570	28.67%	3.79%
Average		9.665	10.373	-0.708	-34.64%	1.36%
Min		-33.000	-33.350	-10.300	-325.86%	0.13%
Std Dev		16.474	17.637	5.159	91.90%	1.30%



2311.0_VOS_18_0_N17P66_2k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	136	uV			
Min Limit	-136	uV			
krad(Si)	0	10	20	30	50
LL	-136.000	-136.000	-136.000	-136.000	-136.000
Min	7.710	-2.630	4.590	-33.000	-6.070
Average	7.710	14.410	11.407	5.480	8.017
Max	7.710	26.860	17.070	29.050	17.630
UL	136.000	136.000	136.000	136.000	136.000



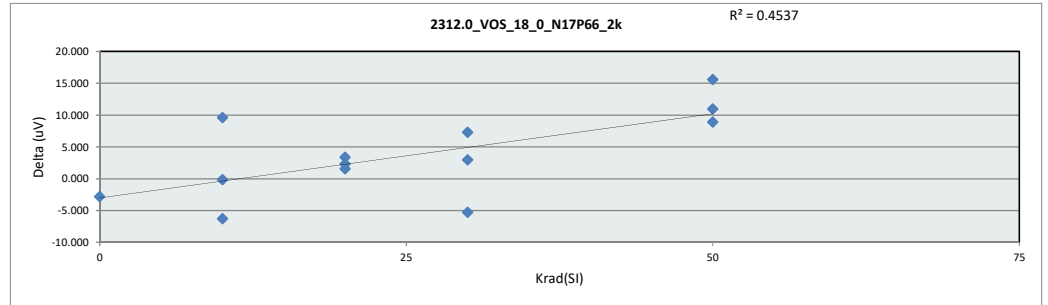
# HDR TID Report OPA4H014-SEP

## 2312.0\_VOS\_18\_0\_N17P66\_2k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.500	2.320	-2.820	564.00%	1.04%
10	1	-9.680	-9.500	-0.180	1.86%	0.07%
10	2	21.070	27.360	-6.290	-29.85%	2.31%
10	3	36.210	26.620	9.590	26.48%	3.53%
20	4	-1.840	-3.370	1.530	-83.15%	0.56%
20	5	27.770	24.420	3.350	12.06%	1.23%
20	6	60.240	57.920	2.320	3.85%	0.85%
30	7	6.730	-0.580	7.310	108.62%	2.69%
30	8	-2.500	2.770	-5.270	210.80%	1.94%
30	9	27.070	24.100	2.970	10.97%	1.09%
50	10	32.580	21.640	10.940	33.58%	4.02%
50	11	36.010	27.120	8.890	24.69%	3.27%
50	12	-11.150	-26.760	15.610	-140.00%	5.74%
Max		60.240	57.920	15.610	564.00%	5.74%
Average		17.078	13.389	3.688	57.22%	2.18%
Min		-11.150	-26.760	-6.290	-140.00%	0.07%
Std Dev		21.848	21.782	6.545	173.66%	1.62%

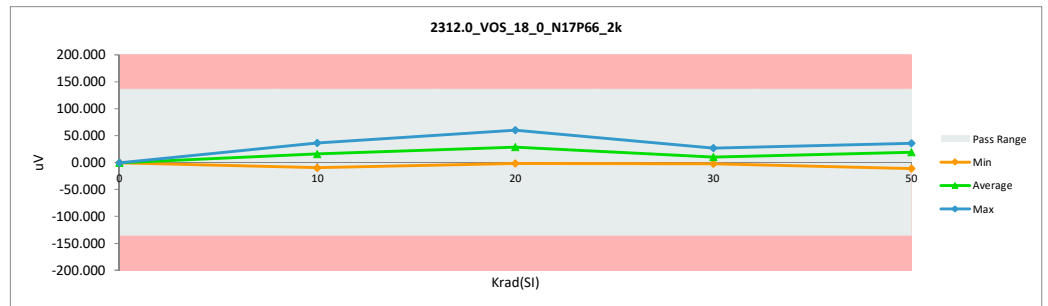
TID Report



## 2312.0\_VOS\_18\_0\_N17P66\_2

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	136 uV
Min Limit	-136 uV

krad(Si)	0	10	20	30	50
LL	-136.000	-136.000	-136.000	-136.000	-136.000
Min	-0.500	-9.680	-1.840	-2.500	-11.150
Average	-0.500	15.867	28.723	10.433	19.147
Max	-0.500	36.210	60.240	27.070	36.010
UL	136.000	136.000	136.000	136.000	136.000

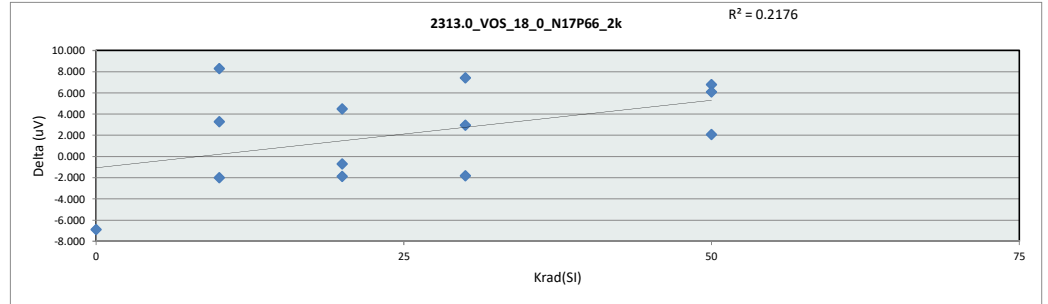


# HDR TID Report OPA4H014-SEP

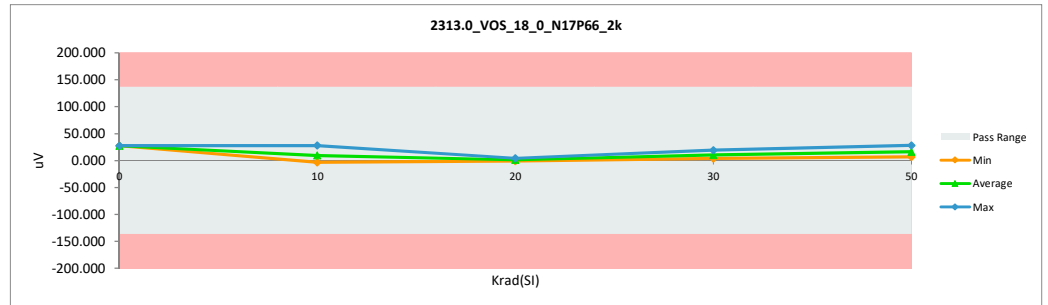
2313.0_VOS_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	27.480	34.370	-6.890	-25.07%	2.53%
10	1	27.900	24.620	3.280	11.76%	1.21%
10	2	-3.230	-1.230	-2.000	61.92%	0.74%
10	3	3.680	-4.620	8.300	225.54%	3.05%
20	4	4.390	5.110	-0.720	-16.40%	0.26%
20	5	0.690	-3.810	4.500	652.17%	1.65%
20	6	-0.830	1.040	-1.870	225.30%	0.69%
30	7	8.040	9.860	-1.820	-22.64%	0.67%
30	8	3.750	0.790	2.960	78.93%	1.09%
30	9	19.190	11.770	7.420	38.67%	2.73%
50	10	28.300	21.530	6.770	23.92%	2.49%
50	11	13.740	7.660	6.080	44.25%	2.24%
50	12	6.740	4.660	2.080	30.86%	0.76%
Max		28.300	34.370	8.300	652.17%	3.05%
Average		10.757	8.596	2.161	102.25%	1.55%
Min		-3.230	-4.620	-6.890	-25.07%	0.26%
Std Dev		11.386	11.803	4.555	184.31%	0.95%

TID Report



2313.0_VOS_18_0_N17P66_2k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	136 uV				
Min Limit	-136 uV				
krad(Si)	0	10	20	30	50
LL	-136.000	-136.000	-136.000	-136.000	-136.000
Min	27.480	-3.230	-0.830	3.750	6.740
Average	27.480	9.450	1.417	10.327	16.260
Max	27.480	27.900	4.390	19.190	28.300
UL	136.000	136.000	136.000	136.000	136.000

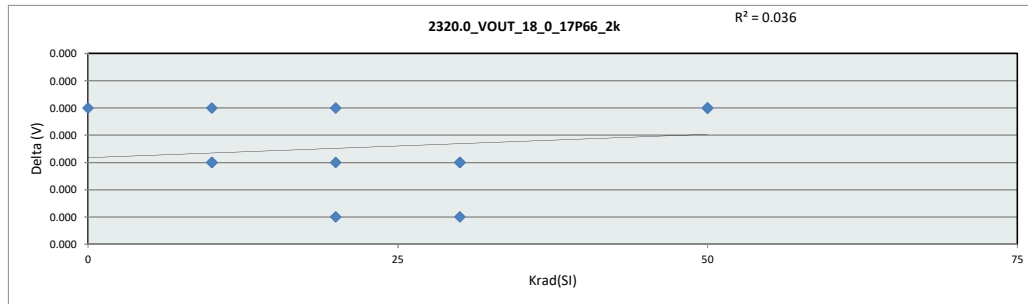


# HDR TID Report OPA4H014-SEP

**2320.0\_VOUT\_18\_0\_17P66\_2k**

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

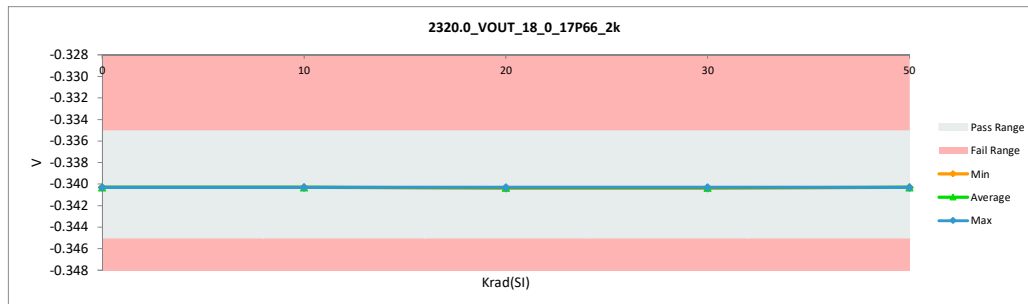
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.340	-0.340	0.000	0.03%	1.00%
10	1	-0.340	-0.340	0.000	0.06%	2.00%
10	2	-0.340	-0.340	0.000	0.03%	1.00%
10	3	-0.340	-0.340	0.000	0.06%	2.00%
20	4	-0.340	-0.340	0.000	0.03%	1.00%
20	5	-0.340	-0.340	0.000	0.06%	2.00%
20	6	-0.340	-0.340	0.000	0.09%	3.00%
30	7	-0.340	-0.340	0.000	0.09%	3.00%
30	8	-0.340	-0.340	0.000	0.06%	2.00%
30	9	-0.340	-0.340	0.000	0.06%	2.00%
50	10	-0.340	-0.340	0.000	0.03%	1.00%
50	11	-0.340	-0.340	0.000	0.03%	1.00%
50	12	-0.340	-0.340	0.000	0.03%	1.00%
Max		-0.340	-0.340	0.000	0.09%	3.00%
Average		-0.340	-0.340	0.000	0.05%	1.69%
Min		-0.340	-0.340	0.000	0.03%	1.00%
Std Dev		0.000	0.000	0.000	0.02%	0.75%



**2320.0\_VOUT\_18\_0\_17P66\_2k**

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	-0.335
Min Limit	-0.345

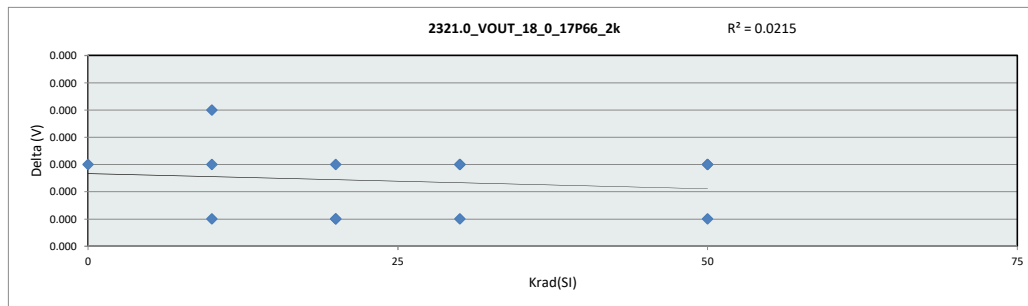
krad(Si)	0	10	20	30	50
LL	-0.345	-0.345	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335	-0.335	-0.335



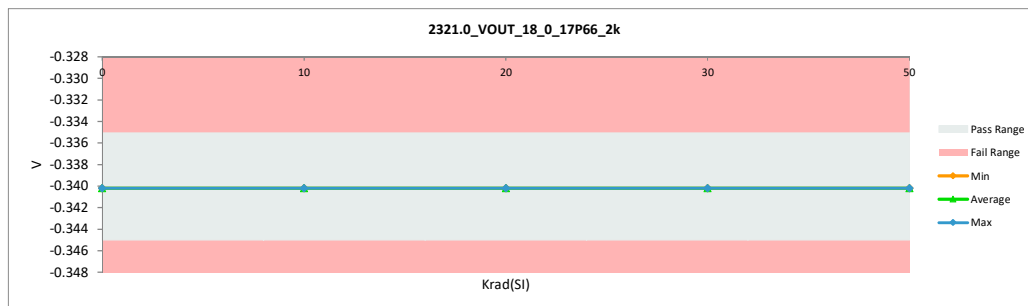
# HDR TID Report OPA4H014-SEP

2321.0_VOUT_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.340	-0.340	0.000	0.06%	2.00%
10	1	-0.340	-0.340	0.000	0.09%	3.00%
10	2	-0.340	-0.340	0.000	0.03%	1.00%
10	3	-0.340	-0.340	0.000	0.06%	2.00%
20	4	-0.340	-0.340	0.000	0.06%	2.00%
20	5	-0.340	-0.340	0.000	0.09%	3.00%
20	6	-0.340	-0.340	0.000	0.09%	3.00%
30	7	-0.340	-0.340	0.000	0.09%	3.00%
30	8	-0.340	-0.340	0.000	0.06%	2.00%
30	9	-0.340	-0.340	0.000	0.06%	2.00%
50	10	-0.340	-0.340	0.000	0.06%	2.00%
50	11	-0.340	-0.340	0.000	0.06%	2.00%
50	12	-0.340	-0.340	0.000	0.09%	3.00%
Max		-0.340	-0.340	0.000	0.09%	3.00%
Average		-0.340	-0.340	0.000	0.07%	2.31%
Min		-0.340	-0.340	0.000	0.03%	1.00%
Std Dev		0.000	0.000	0.000	0.02%	0.63%



2321.0_VOUT_18_0_17P66_2k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.335 V				
Min Limit	-0.345 V				
krad(Si)	0	10	20	30	50
LL	-0.345	-0.345	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335	-0.335	-0.335

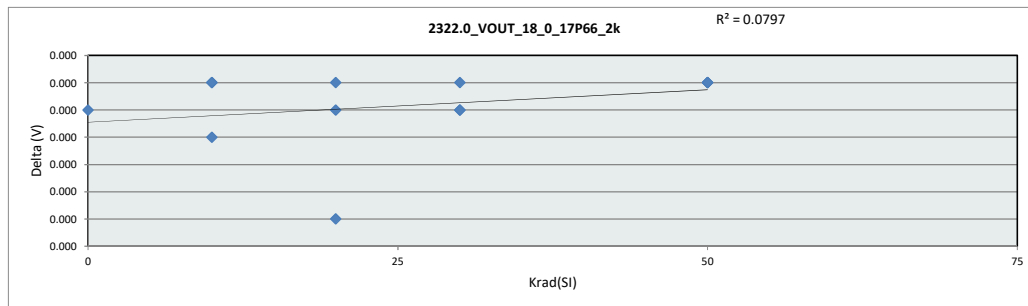




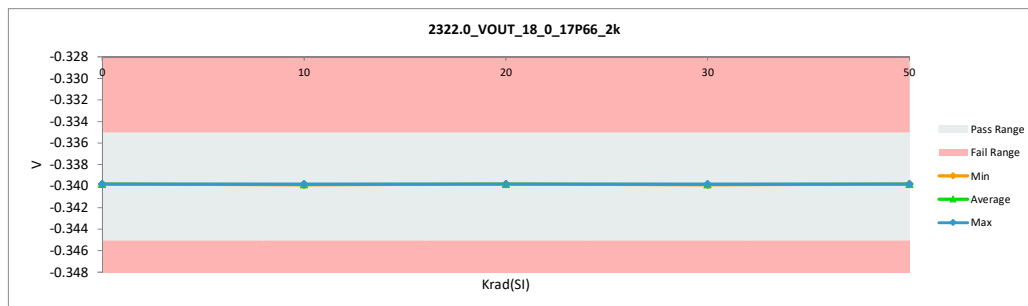
# HDR TID Report OPA4H014-SEP

2322.0_VOUT_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.340	-0.340	0.000	-0.03%	1.00%
10	1	-0.340	-0.340	0.000	0.00%	0.00%
10	2	-0.340	-0.340	0.000	-0.06%	2.00%
10	3	-0.340	-0.340	0.000	-0.06%	2.00%
20	4	-0.340	-0.340	0.000	0.09%	3.00%
20	5	-0.340	-0.340	0.000	-0.06%	2.00%
20	6	-0.340	-0.340	0.000	-0.03%	1.00%
30	7	-0.340	-0.340	0.000	-0.03%	1.00%
30	8	-0.340	-0.340	0.000	-0.03%	1.00%
30	9	-0.340	-0.340	0.000	-0.06%	2.00%
50	10	-0.340	-0.340	0.000	-0.06%	2.00%
50	11	-0.340	-0.340	0.000	-0.06%	2.00%
50	12	-0.340	-0.340	0.000	-0.06%	2.00%
Max		-0.340	-0.340	0.000	0.09%	3.00%
Average		-0.340	-0.340	0.000	-0.03%	1.62%
Min		-0.340	-0.340	0.000	-0.06%	0.00%
Std Dev		0.000	0.000	0.000	0.04%	0.77%



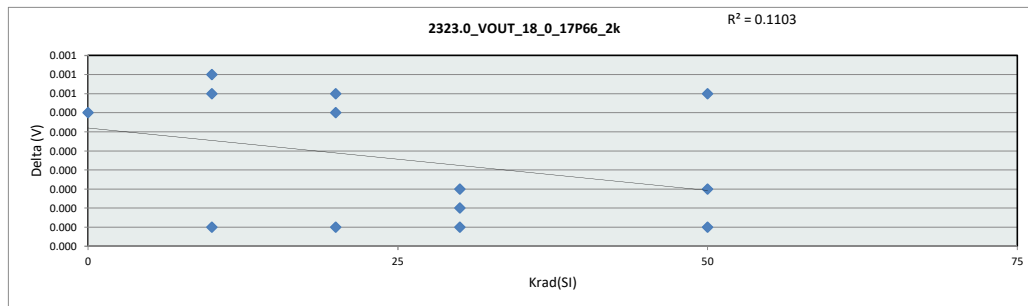
2322.0_VOUT_18_0_17P66_2k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.335				
Min Limit	-0.345				
Unit	V				
krad(Si)	0	10	20	30	50
LL	-0.345	-0.345	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335	-0.335	-0.335



# HDR TID Report OPA4H014-SEP

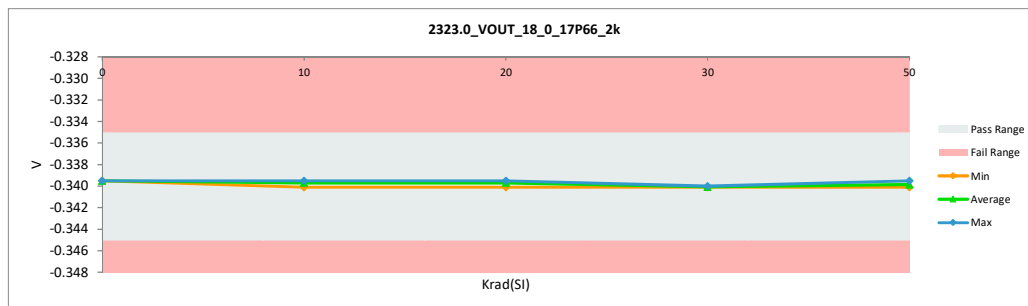
2323.0_VOUT_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.340	-0.340	0.000	-0.12%	4.00%
10	1	-0.340	-0.340	0.000	0.06%	2.00%
10	2	-0.340	-0.340	0.001	-0.18%	6.00%
10	3	-0.340	-0.340	0.000	-0.15%	5.00%
20	4	-0.340	-0.340	0.000	-0.15%	5.00%
20	5	-0.340	-0.340	0.000	-0.12%	4.00%
20	6	-0.340	-0.340	0.000	0.06%	2.00%
30	7	-0.340	-0.340	0.000	0.06%	2.00%
30	8	-0.340	-0.340	0.000	0.03%	1.00%
30	9	-0.340	-0.340	0.000	0.00%	0.00%
50	10	-0.340	-0.340	0.000	0.00%	0.00%
50	11	-0.340	-0.340	0.000	-0.15%	5.00%
50	12	-0.340	-0.340	0.000	0.06%	2.00%
	Max	-0.340	-0.340	0.001	0.06%	6.00%
	Average	-0.340	-0.340	0.000	-0.05%	2.92%
	Min	-0.340	-0.340	0.000	-0.18%	0.00%
	Std Dev	0.000	0.000	0.000	0.10%	2.02%



2323.0_VOUT_18_0_17P66_2k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.335				
Min Limit	-0.345				

krad(Si)	0	10	20	30	50
LL	-0.345	-0.345	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335	-0.335	-0.335

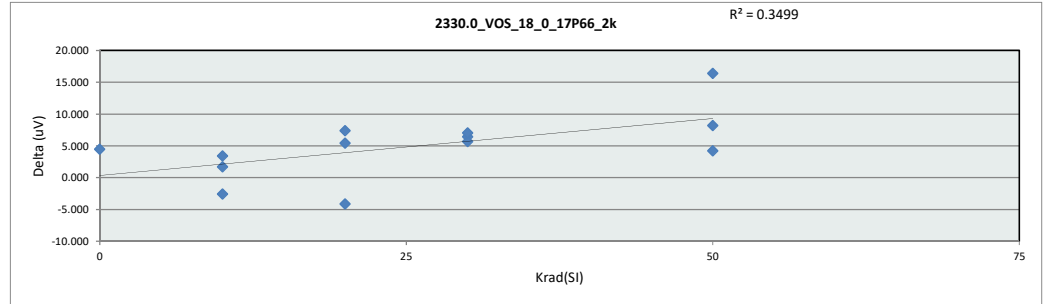


# HDR TID Report OPA4H014-SEP

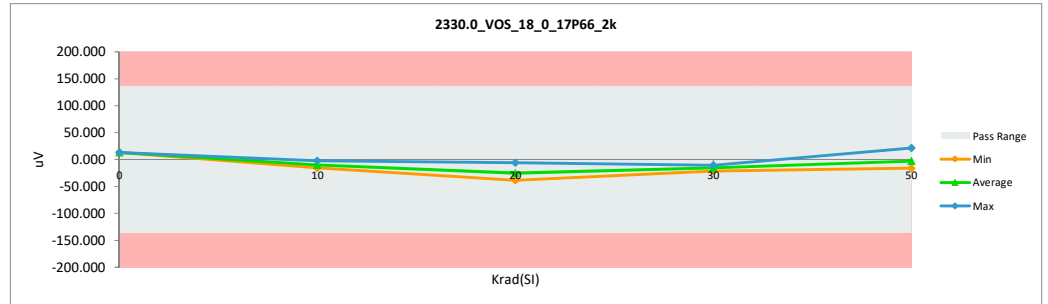
2330.0_VOS_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	13.110	8.640	4.470	34.10%	1.64%
10	1	-15.460	-12.890	-2.570	16.62%	0.94%
10	2	-12.560	-14.260	1.700	-13.54%	0.62%
10	3	-2.430	-5.820	3.390	-139.51%	1.25%
20	4	-30.810	-36.260	5.450	-17.69%	2.00%
20	5	-38.590	-45.970	7.380	-19.12%	2.71%
20	6	-6.040	-1.900	-4.140	68.54%	1.52%
30	7	-21.220	-27.660	6.440	-30.35%	2.37%
30	8	-10.620	-16.310	5.690	-53.58%	2.09%
30	9	-14.440	-21.450	7.010	-48.55%	2.58%
50	10	-16.250	-32.630	16.380	-100.80%	6.02%
50	11	-14.320	-22.490	8.170	-57.05%	3.00%
50	12	21.430	17.210	4.220	19.69%	1.55%
	Max	21.430	17.210	16.380	68.54%	6.02%
	Average	-11.400	-16.292	4.892	-26.25%	2.18%
	Min	-38.590	-45.970	-4.140	-139.51%	0.62%
	Std Dev	15.969	17.835	5.059	55.87%	1.35%

TID Report



2330.0_VOS_18_0_17P66_2k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	136 uV				
Min Limit	-136 uV				
krad(Si)	0	10	20	30	50
LL	-136.000	-136.000	-136.000	-136.000	-136.000
Min	13.110	-15.460	-38.590	-21.220	-16.250
Average	13.110	-10.150	-25.147	-15.427	-3.047
Max	13.110	-2.430	-6.040	-10.620	21.430
UL	136.000	136.000	136.000	136.000	136.000

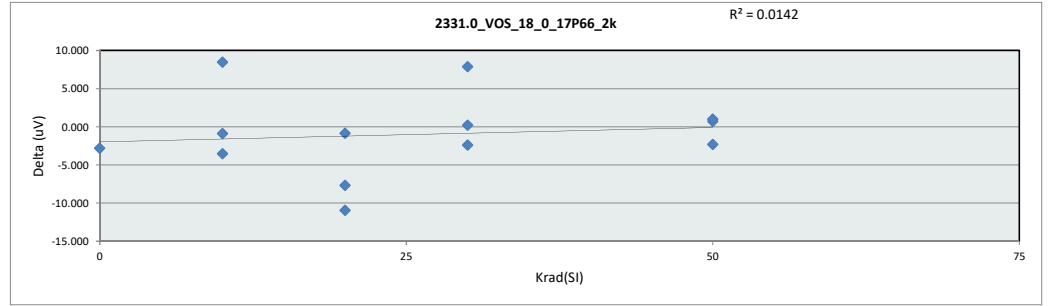


# HDR TID Report OPA4H014-SEP

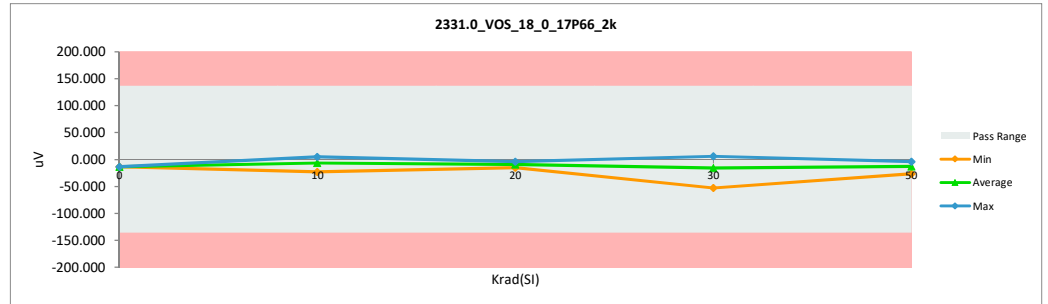
2331.0_VOS_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-13.270	-10.440	-2.830	21.33%	1.04%
10	1	-1.220	2.290	-3.510	287.70%	1.29%
10	2	5.010	5.900	-0.890	-17.76%	0.33%
10	3	-23.020	-31.480	8.460	-36.75%	3.11%
20	4	-3.950	6.980	-10.930	276.71%	4.02%
20	5	-15.380	-14.530	-0.850	5.53%	0.31%
20	6	-8.970	-1.290	-7.680	85.62%	2.82%
30	7	-52.650	-52.860	0.210	-0.40%	0.08%
30	8	6.060	-1.810	7.870	129.87%	2.89%
30	9	-0.580	1.800	-2.380	410.34%	0.87%
50	10	-3.980	-4.680	0.700	-17.59%	0.26%
50	11	-8.100	-9.100	1.000	-12.35%	0.37%
50	12	-26.590	-24.270	-2.320	8.73%	0.85%
Max		6.060	6.980	8.460	410.34%	4.02%
Average		-11.280	-10.268	-1.012	87.77%	1.40%
Min		-52.650	-52.860	-10.930	-36.75%	0.08%
Std Dev		15.834	17.140	5.268	145.62%	1.33%

TID Report



2331.0_VOS_18_0_17P66_2k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	136 uV				
Min Limit	-136 uV				
krad(Si)	0	10	20	30	50
LL	-136.000	-136.000	-136.000	-136.000	-136.000
Min	-13.270	-23.020	-15.380	-52.650	-26.590
Average	-13.270	-6.410	-9.433	-15.723	-12.890
Max	-13.270	5.010	-3.950	6.060	-3.980
UL	136.000	136.000	136.000	136.000	136.000

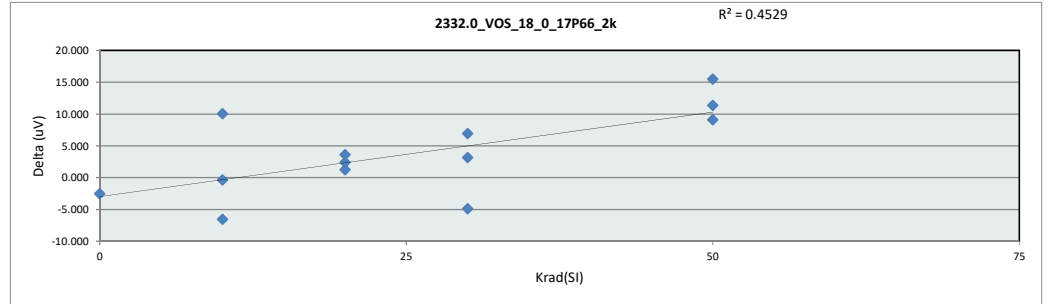


# HDR TID Report OPA4H014-SEP

2332.0_VOS_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

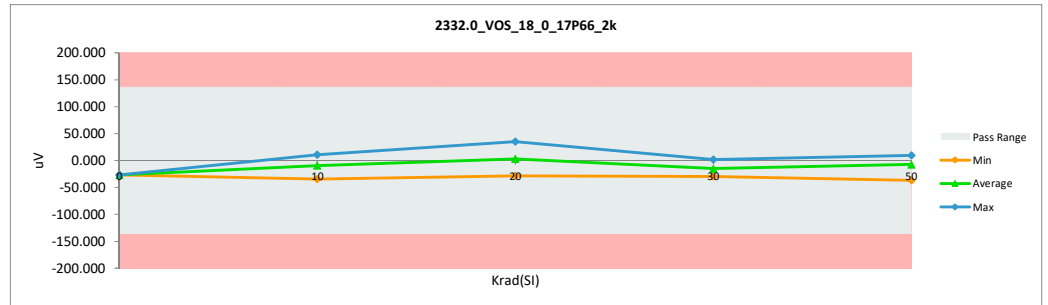
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-26.770	-24.270	-2.500	9.34%	0.92%
10	1	-34.370	-33.990	-0.380	1.11%	0.14%
10	2	-4.260	2.280	-6.540	153.52%	2.40%
10	3	10.970	0.900	10.070	91.80%	3.70%
20	4	-28.340	-29.590	1.250	-4.41%	0.46%
20	5	2.180	-1.450	3.630	166.51%	1.33%
20	6	35.000	32.580	2.420	6.91%	0.89%
30	7	-17.640	-24.560	6.920	-39.23%	2.54%
30	8	-29.640	-24.730	-4.910	16.57%	1.81%
30	9	2.040	-1.120	3.160	154.90%	1.16%
50	10	5.220	-6.130	11.350	217.43%	4.17%
50	11	9.380	0.270	9.110	97.12%	3.35%
50	12	-36.550	-52.030	15.480	-42.35%	5.69%
Max	35.000	32.580	15.480	217.43%	5.69%	
Average	-8.675	-12.449	3.774	63.79%	2.20%	
Min	-36.550	-52.030	-6.540	-42.35%	0.14%	
Std Dev	21.863	21.671	6.579	87.22%	1.64%	

TID Report



2332.0_VOS_18_0_17P66_2k	
Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	136 uV
Min Limit	-136 uV

krad(Si)	0	10	20	30	50
LL	-136.000	-136.000	-136.000	-136.000	-136.000
Min	-26.770	-34.370	-28.340	-29.640	-36.550
Average	-26.770	-9.220	2.947	-15.080	-7.317
Max	-26.770	10.970	35.000	2.040	9.380
UL	136.000	136.000	136.000	136.000	136.000

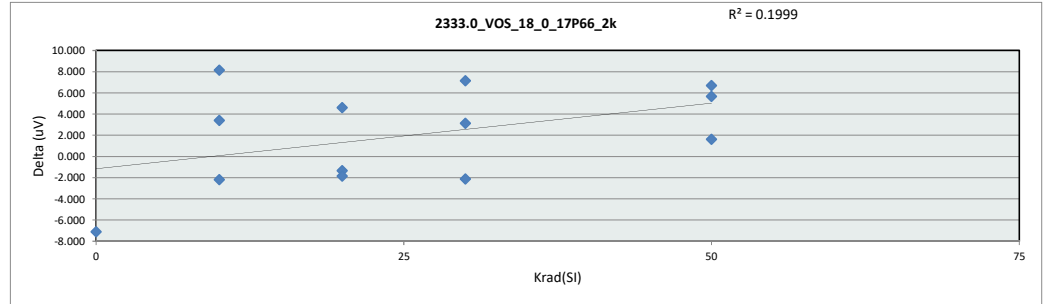


# HDR TID Report OPA4H014-SEP

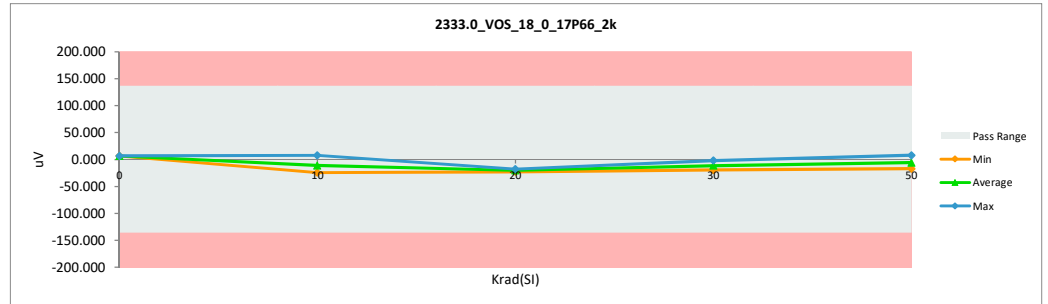
2333.0_VOS_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	6.820	13.940	-7.120	-104.40%	2.62%
10	1	7.990	4.580	3.410	42.68%	1.25%
10	2	-24.360	-22.180	-2.180	8.95%	0.80%
10	3	-16.400	-24.550	8.150	-49.70%	3.00%
20	4	-17.700	-16.370	-1.330	7.51%	0.49%
20	5	-19.370	-23.970	4.600	-23.75%	1.69%
20	6	-22.740	-20.890	-1.850	8.14%	0.68%
30	7	-13.060	-10.940	-2.120	16.23%	0.78%
30	8	-19.380	-22.510	3.130	-16.15%	1.15%
30	9	-1.860	-9.010	7.150	-384.41%	2.63%
50	10	7.920	1.240	6.680	84.34%	2.46%
50	11	-8.180	-13.850	5.670	-69.32%	2.08%
50	12	-17.120	-18.740	1.620	-9.46%	0.60%
	Max	7.990	13.940	8.150	84.34%	3.00%
	Average	-10.572	-12.558	1.985	-37.64%	1.56%
	Min	-24.360	-24.550	-7.120	-384.41%	0.49%
	Std Dev	11.894	12.217	4.595	114.69%	0.90%

TID Report



2333.0_VOS_18_0_17P66_2k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	136	uV			
Min Limit	-136	uV			
krad(Si)	0	10	20	30	50
LL	-136.000	-136.000	-136.000	-136.000	-136.000
Min	6.820	-24.360	-22.740	-19.380	-17.120
Average	6.820	-10.923	-19.937	-11.433	-5.793
Max	6.820	7.990	-17.700	-1.860	7.920
UL	136.000	136.000	136.000	136.000	136.000



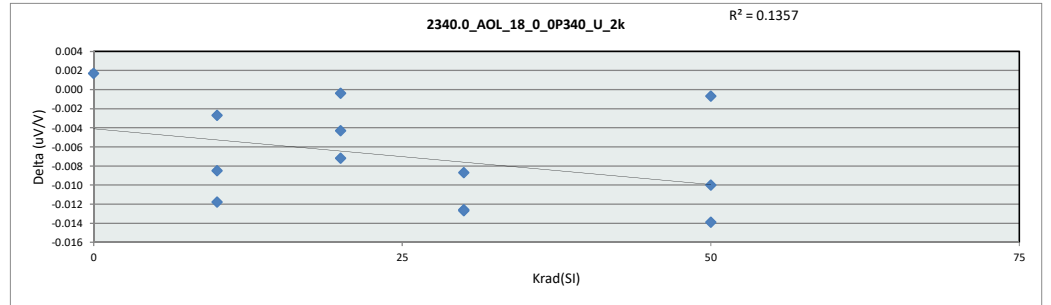
# HDR TID Report OPA4H014-SEP

2340.0\_AOL\_18\_0\_0P340\_U\_2k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.4	1.4
Min Limit	-1.4	-1.4

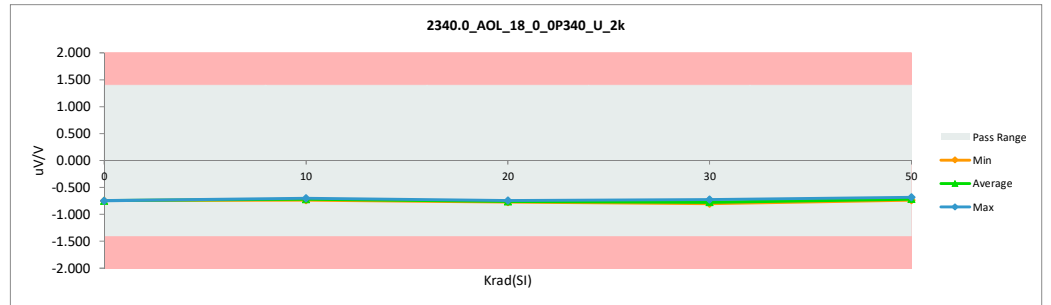
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.745	-0.747	0.002	-0.23%	0.06%
10	1	-0.734	-0.722	-0.012	1.61%	0.42%
10	2	-0.713	-0.710	-0.003	0.38%	0.10%
10	3	-0.702	-0.694	-0.009	1.21%	0.30%
20	4	-0.762	-0.758	-0.004	0.56%	0.15%
20	5	-0.744	-0.737	-0.007	0.97%	0.26%
20	6	-0.771	-0.770	0.000	0.05%	0.01%
30	7	-0.724	-0.711	-0.013	1.74%	0.45%
30	8	-0.802	-0.793	-0.009	1.08%	0.31%
30	9	-0.796	-0.783	-0.013	1.60%	0.45%
50	10	-0.726	-0.712	-0.014	1.91%	0.50%
50	11	-0.684	-0.674	-0.010	1.46%	0.36%
50	12	-0.734	-0.734	-0.001	0.10%	0.02%
Max		-0.684	-0.674	0.002	1.91%	0.50%
Average		-0.741	-0.734	-0.007	0.96%	0.26%
Min		-0.802	-0.793	-0.014	-0.23%	0.01%
Std Dev		0.034	0.035	0.005	0.72%	0.17%

TID Report



Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	1.4 uV/V
Min Limit	-1.4 uV/V

krad(Si)	0	10	20	30	50
LL	-1.400	-1.400	-1.400	-1.400	-1.400
Min	-0.745	-0.734	-0.771	-0.802	-0.734
Average	-0.745	-0.716	-0.759	-0.774	-0.715
Max	-0.745	-0.702	-0.744	-0.724	-0.684
UL	1.400	1.400	1.400	1.400	1.400



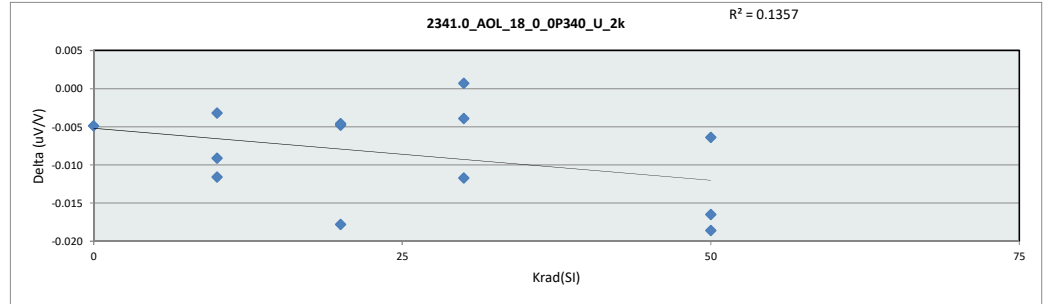
# HDR TID Report OPA4H014-SEP

## 2341.0\_AOL\_18\_0\_0P340\_U\_2k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.4	1.4
Min Limit	-1.4	-1.4

Krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.594	-0.589	-0.005	0.82%	0.18%
10	1	-0.573	-0.561	-0.012	2.03%	0.41%
10	2	-0.619	-0.610	-0.009	1.47%	0.33%
10	3	-0.577	-0.574	-0.003	0.55%	0.11%
20	4	-0.595	-0.577	-0.018	2.99%	0.64%
20	5	-0.565	-0.561	-0.005	0.85%	0.17%
20	6	-0.610	-0.605	-0.005	0.75%	0.16%
30	7	-0.556	-0.552	-0.004	0.70%	0.14%
30	8	-0.651	-0.652	0.001	-0.11%	0.02%
30	9	-0.594	-0.582	-0.012	1.97%	0.42%
50	10	-0.612	-0.605	-0.006	1.05%	0.23%
50	11	-0.583	-0.564	-0.019	3.19%	0.66%
50	12	-0.581	-0.564	-0.016	2.84%	0.59%
	Max	-0.556	-0.552	0.001	3.19%	0.66%
	Average	-0.593	-0.584	-0.009	1.47%	0.31%
	Min	-0.651	-0.652	-0.019	-0.11%	0.02%
	Std Dev	0.025	0.028	0.006	1.05%	0.21%

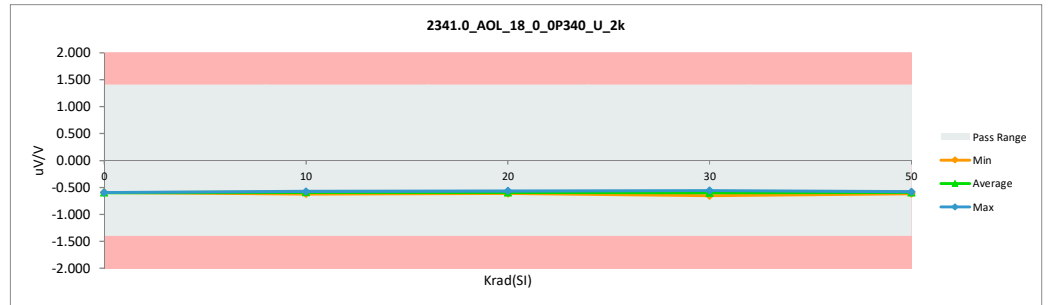
TID Report



## 2341.0\_AOL\_18\_0\_0P340\_U\_2k

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	1.4 uV/V
Min Limit	-1.4 uV/V

Krad(Si)	0	10	20	30	50
LL	-1.400	-1.400	-1.400	-1.400	-1.400
Min	-0.594	-0.619	-0.610	-0.651	-0.612
Average	-0.594	-0.590	-0.590	-0.600	-0.592
Max	-0.594	-0.573	-0.565	-0.556	-0.581
UL	1.400	1.400	1.400	1.400	1.400





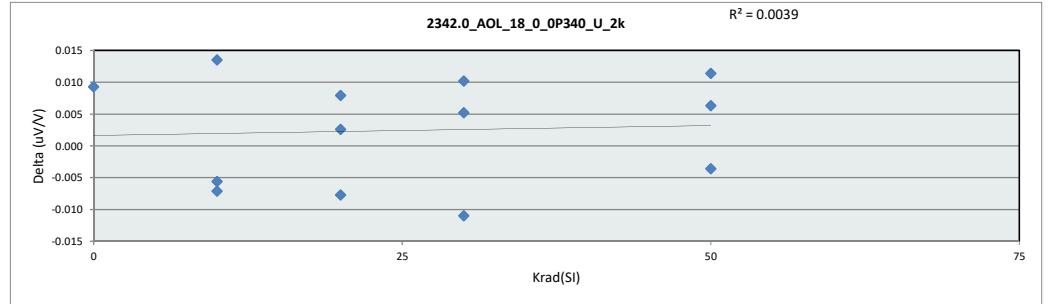
# HDR TID Report OPA4H014-SEP

## 2342.0\_AOL\_18\_0\_0P340\_U\_2k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.4	1.4
Min Limit	-1.4	-1.4

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.744	-0.753	0.009	-1.25%	0.33%
10	1	-0.699	-0.693	-0.006	0.80%	0.20%
10	2	-0.717	-0.710	-0.007	0.99%	0.25%
10	3	-0.715	-0.728	0.013	-1.89%	0.48%
20	4	-0.750	-0.742	-0.008	1.03%	0.28%
20	5	-0.724	-0.732	0.008	-1.09%	0.28%
20	6	-0.715	-0.717	0.003	-0.36%	0.09%
30	7	-0.690	-0.679	-0.011	1.59%	0.39%
30	8	-0.768	-0.779	0.010	-1.33%	0.36%
30	9	-0.709	-0.714	0.005	-0.73%	0.19%
50	10	-0.775	-0.786	0.011	-1.47%	0.41%
50	11	-0.754	-0.760	0.006	-0.84%	0.22%
50	12	-0.719	-0.716	-0.004	0.50%	0.13%
	Max	-0.690	-0.679	0.013	1.59%	0.48%
	Average	-0.729	-0.732	0.002	-0.31%	0.28%
	Min	-0.775	-0.786	-0.011	-1.89%	0.09%
	Std Dev	0.026	0.032	0.008	1.15%	0.11%

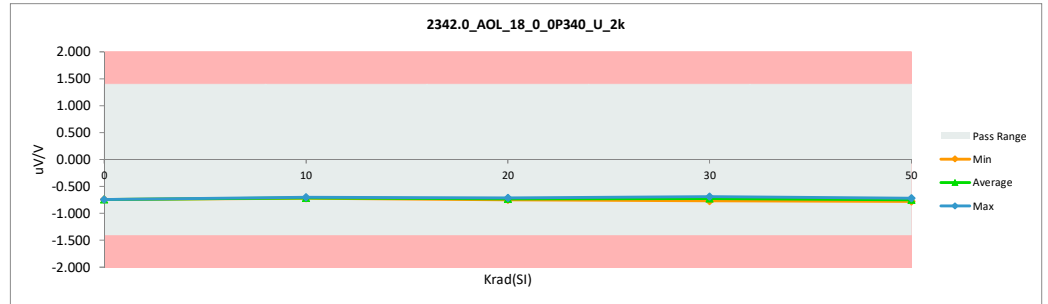
TID Report



## 2342.0\_AOL\_18\_0\_0P340\_U\_2k

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	1.4 uV/V
Min Limit	-1.4 uV/V

krad(Si)	0	10	20	30	50
LL	-1.400	-1.400	-1.400	-1.400	-1.400
Min	-0.744	-0.717	-0.750	-0.768	-0.775
Average	-0.744	-0.710	-0.730	-0.722	-0.749
Max	-0.744	-0.699	-0.715	-0.690	-0.719
UL	1.400	1.400	1.400	1.400	1.400



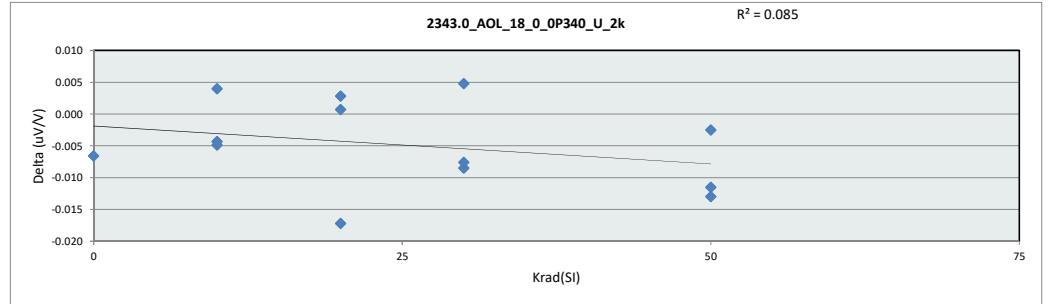
# HDR TID Report OPA4H014-SEP

2343.0\_AOL\_18\_0\_0P340\_U\_2k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.4	1.4
Min Limit	-1.4	-1.4

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.585	-0.578	-0.007	1.13%	0.24%
10	1	-0.563	-0.567	0.004	-0.71%	0.14%
10	2	-0.598	-0.593	-0.005	0.82%	0.17%
10	3	-0.568	-0.564	-0.004	0.76%	0.15%
20	4	-0.625	-0.608	-0.017	2.75%	0.61%
20	5	-0.568	-0.571	0.003	-0.49%	0.10%
20	6	-0.620	-0.621	0.001	-0.11%	0.02%
30	7	-0.597	-0.589	-0.008	1.42%	0.30%
30	8	-0.655	-0.660	0.005	-0.73%	0.17%
30	9	-0.596	-0.588	-0.008	1.28%	0.27%
50	10	-0.577	-0.575	-0.002	0.43%	0.09%
50	11	-0.620	-0.609	-0.012	1.85%	0.41%
50	12	-0.675	-0.662	-0.013	1.93%	0.46%
	Max	-0.563	-0.564	0.005	2.75%	0.61%
	Average	-0.604	-0.599	-0.005	0.79%	0.24%
	Min	-0.675	-0.662	-0.017	-0.73%	0.02%
	Std Dev	0.034	0.032	0.007	1.09%	0.17%

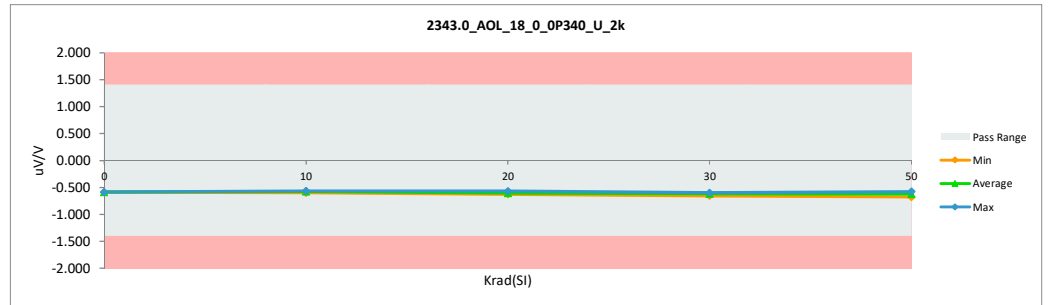
TID Report



2343.0\_AOL\_18\_0\_0P340\_U\_2k

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	1.4 uV/V
Min Limit	-1.4 uV/V

krad(Si)	0	10	20	30	50
LL	-1.400	-1.400	-1.400	-1.400	-1.400
Min	-0.585	-0.598	-0.625	-0.655	-0.675
Average	-0.585	-0.577	-0.605	-0.616	-0.624
Max	-0.585	-0.563	-0.568	-0.596	-0.577
UL	1.400	1.400	1.400	1.400	1.400

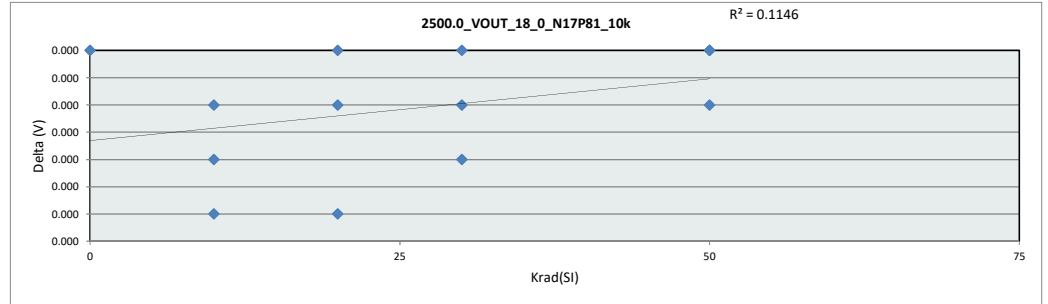


# HDR TID Report OPA4H014-SEP

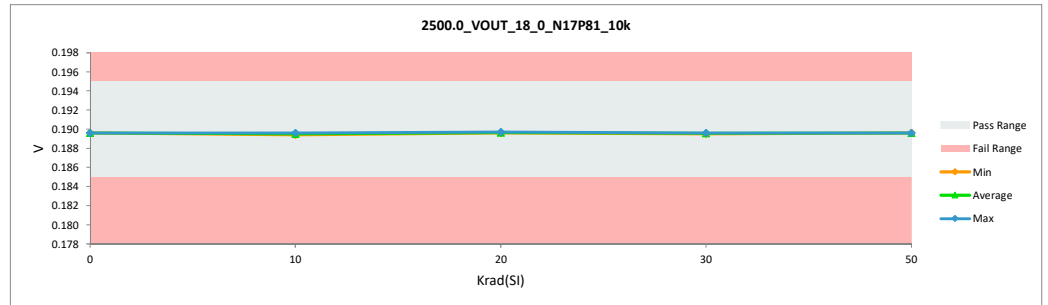
2500.0_VOUT_18_0_N17P81_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.195	0.195
Min Limit	0.185	0.185

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.190	0.190	0.000	0.00%	0.00%
10	1	0.190	0.190	0.000	-0.11%	2.00%
10	2	0.189	0.190	0.000	-0.16%	3.00%
10	3	0.190	0.190	0.000	-0.05%	1.00%
20	4	0.190	0.190	0.000	0.00%	0.00%
20	5	0.190	0.190	0.000	-0.16%	3.00%
20	6	0.190	0.190	0.000	-0.05%	1.00%
30	7	0.190	0.190	0.000	0.00%	0.00%
30	8	0.190	0.190	0.000	-0.11%	2.00%
30	9	0.190	0.190	0.000	-0.05%	1.00%
50	10	0.190	0.190	0.000	-0.05%	1.00%
50	11	0.190	0.190	0.000	0.00%	0.00%
50	12	0.190	0.190	0.000	0.00%	0.00%
	Max	0.190	0.190	0.000	0.00%	3.00%
	Average	0.190	0.190	0.000	-0.06%	1.08%
	Min	0.189	0.190	0.000	-0.16%	0.00%
	Std Dev	0.000	0.000	0.000	0.06%	1.12%

TID Report



2500.0_VOUT_18_0_N17P81					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.195				
Min Limit	0.185				
		V	V		
krad(Si)	0	10	20	30	50
LL	0.185	0.185	0.185	0.185	0.185
Min	0.190	0.189	0.190	0.190	0.190
Average	0.190	0.190	0.190	0.190	0.190
Max	0.190	0.190	0.190	0.190	0.190
UL	0.195	0.195	0.195	0.195	0.195

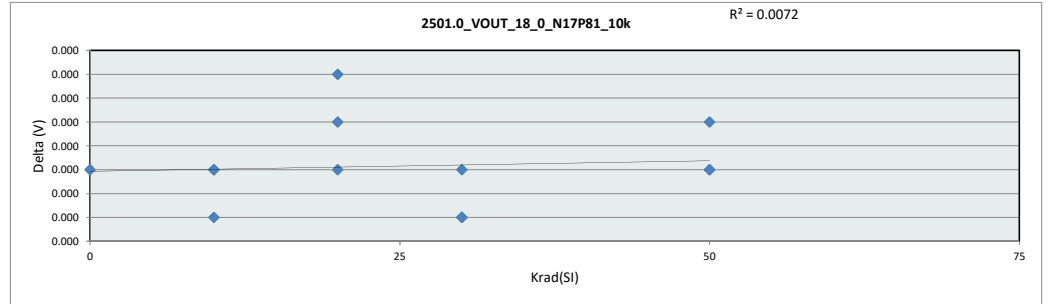


# HDR TID Report OPA4H014-SEP

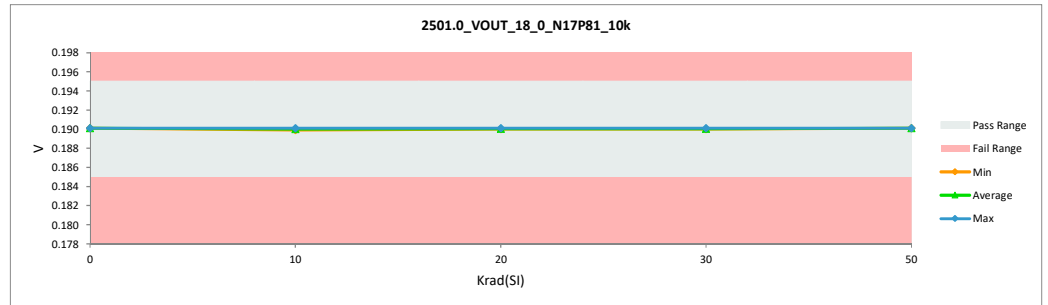
2501.0_VOUT_18_0_N17P81_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.195	0.195
Min Limit	0.185	0.185

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.190	0.190	0.000	-0.05%	1.00%
10	1	0.190	0.190	0.000	-0.05%	1.00%
10	2	0.190	0.190	0.000	-0.11%	2.00%
10	3	0.190	0.190	0.000	-0.05%	1.00%
20	4	0.190	0.190	0.000	0.00%	0.00%
20	5	0.190	0.190	0.000	0.05%	1.00%
20	6	0.190	0.190	0.000	-0.05%	1.00%
30	7	0.190	0.190	0.000	-0.05%	1.00%
30	8	0.190	0.190	0.000	-0.11%	2.00%
30	9	0.190	0.190	0.000	-0.11%	2.00%
50	10	0.190	0.190	0.000	-0.05%	1.00%
50	11	0.190	0.190	0.000	-0.05%	1.00%
50	12	0.190	0.190	0.000	0.00%	0.00%
	Max	0.190	0.190	0.000	0.05%	2.00%
	Average	0.190	0.190	0.000	-0.05%	1.08%
	Min	0.190	0.190	0.000	-0.11%	0.00%
	Std Dev	0.000	0.000	0.000	0.05%	0.64%

TID Report



2501.0_VOUT_18_0_N17P81					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.195				
Min Limit	0.185				
	0	10	20	30	50
LL	0.185	0.185	0.185	0.185	0.185
Min	0.190	0.190	0.190	0.190	0.190
Average	0.190	0.190	0.190	0.190	0.190
Max	0.190	0.190	0.190	0.190	0.190
UL	0.195	0.195	0.195	0.195	0.195

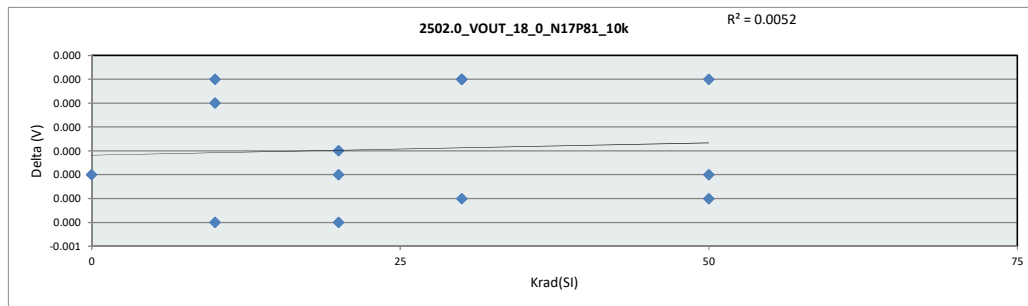


# HDR TID Report OPA4H014-SEP

## 2502.0\_VOUT\_18\_0\_N17P81\_10

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.195	0.195
Min Limit	0.185	0.185

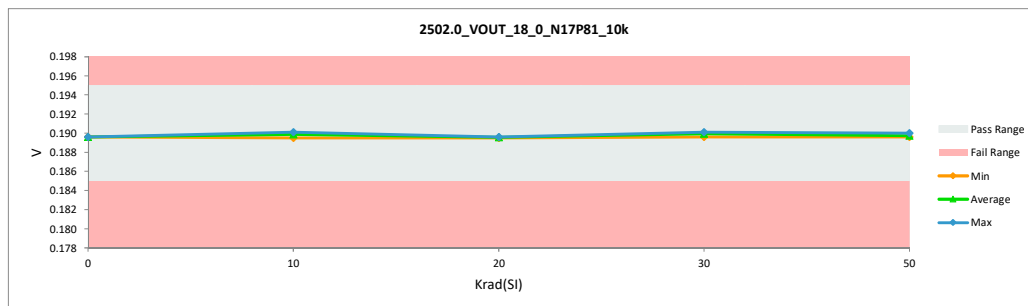
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.190	0.190	0.000	-0.11%	2.00%
10	1	0.190	0.190	0.000	0.11%	2.00%
10	2	0.190	0.190	0.000	0.05%	1.00%
10	3	0.190	0.190	0.000	-0.21%	4.00%
20	4	0.190	0.190	0.000	-0.11%	2.00%
20	5	0.190	0.190	0.000	-0.05%	1.00%
20	6	0.190	0.190	0.000	-0.21%	4.00%
30	7	0.190	0.190	0.000	-0.16%	3.00%
30	8	0.190	0.190	0.000	0.11%	2.00%
30	9	0.190	0.190	0.000	0.11%	2.00%
50	10	0.190	0.190	0.000	-0.16%	3.00%
50	11	0.190	0.190	0.000	-0.11%	2.00%
50	12	0.190	0.190	0.000	0.11%	2.00%
Max		0.190	0.190	0.000	0.11%	4.00%
Average		0.190	0.190	0.000	-0.05%	2.31%
Min		0.190	0.190	0.000	-0.21%	1.00%
Std Dev		0.000	0.000	0.000	0.13%	0.95%



## 2502.0\_VOUT\_18\_0\_N17P81

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.195
Min Limit	0.185

krad(Si)	0	10	20	30	50
LL	0.185	0.185	0.185	0.185	0.185
Min	0.190	0.190	0.190	0.190	0.190
Average	0.190	0.190	0.190	0.190	0.190
Max	0.190	0.190	0.190	0.190	0.190
UL	0.195	0.195	0.195	0.195	0.195

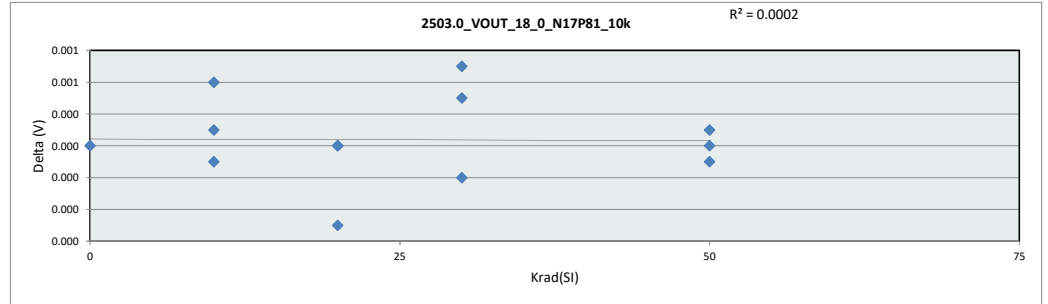


# HDR TID Report OPA4H014-SEP

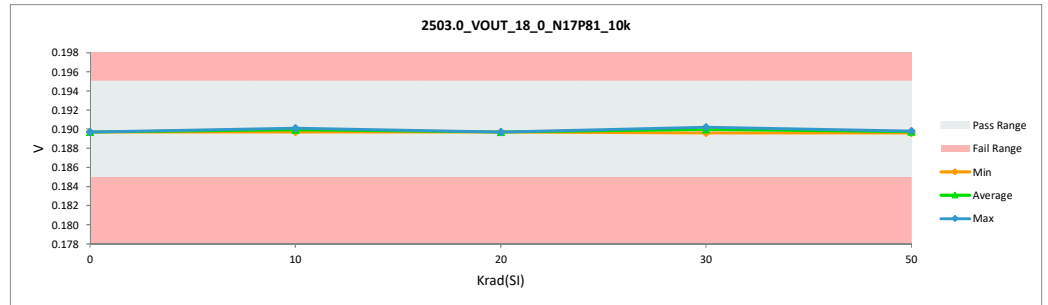
2503.0_VOUT_18_0_N17P81_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.195	0.195
Min Limit	0.185	0.185

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.190	0.190	0.000	0.11%	2.00%
10	1	0.190	0.190	0.000	0.16%	3.00%
10	2	0.190	0.189	0.001	0.32%	6.00%
10	3	0.190	0.190	0.000	0.05%	1.00%
20	4	0.190	0.190	0.000	0.11%	2.00%
20	5	0.190	0.190	0.000	-0.16%	3.00%
20	6	0.190	0.190	0.000	0.11%	2.00%
30	7	0.190	0.190	0.001	0.37%	7.00%
30	8	0.190	0.190	0.000	0.00%	0.00%
30	9	0.190	0.190	0.000	0.26%	5.00%
50	10	0.190	0.190	0.000	0.11%	2.00%
50	11	0.190	0.190	0.000	0.16%	3.00%
50	12	0.190	0.190	0.000	0.05%	1.00%
Max		0.190	0.190	0.001	0.37%	7.00%
Average		0.190	0.190	0.000	0.13%	2.85%
Min		0.190	0.189	0.000	-0.16%	0.00%
Std Dev		0.000	0.000	0.000	0.14%	2.03%

TID Report



2503.0_VOUT_18_0_N17P81					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.195				
Min Limit	0.185				
krad(Si)	0	10	20	30	50
LL	0.185	0.185	0.185	0.185	0.185
Min	0.190	0.190	0.190	0.190	0.190
Average	0.190	0.190	0.190	0.190	0.190
Max	0.190	0.190	0.190	0.190	0.190
UL	0.195	0.195	0.195	0.195	0.195

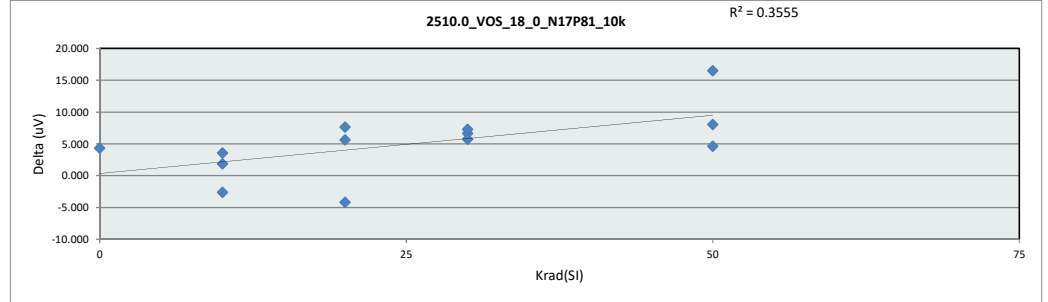


HDR TID Report  
OPA4H014-SEP

2510.0\_VOS\_18\_0\_N17P81\_10k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

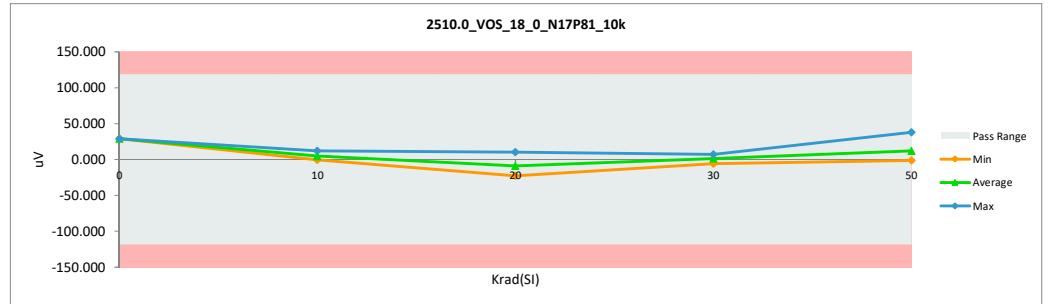
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	29.030	24.730	4.300	14.81%	1.82%
10	1	-0.250	2.390	-2.640	1056.00%	1.12%
10	2	2.370	0.520	1.850	78.06%	0.78%
10	3	12.170	8.620	3.550	29.17%	1.50%
20	4	-14.580	-20.210	5.630	-38.61%	2.39%
20	5	-22.760	-30.400	7.640	-33.57%	3.24%
20	6	10.470	14.660	-4.190	-40.02%	1.78%
30	7	-5.880	-12.510	6.630	-112.76%	2.81%
30	8	7.180	1.460	5.720	79.67%	2.42%
30	9	2.680	-4.620	7.300	272.39%	3.09%
50	10	-1.320	-17.830	16.510	-1250.76%	7.00%
50	11	-0.370	-8.420	8.050	-2175.68%	3.41%
50	12	37.900	33.290	4.610	12.16%	1.95%
Max		37.900	33.290	16.510	1056.00%	7.00%
Average		4.357	-0.640	4.997	-162.24%	2.56%
Min		-22.760	-30.400	-4.190	-2175.68%	0.78%
Std Dev		16.129	18.053	5.108	773.29%	1.56%



2510.0\_VOS\_18\_0\_N17P81\_1

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	118 uV
Min Limit	-118 uV

krad(Si)	0	10	20	30	50
LL	-118.000	-118.000	-118.000	-118.000	-118.000
Min	29.030	-0.250	-22.760	-5.880	-1.320
Average	29.030	4.763	-8.957	1.327	12.070
Max	29.030	12.170	10.470	7.180	37.900
UL	118.000	118.000	118.000	118.000	118.000



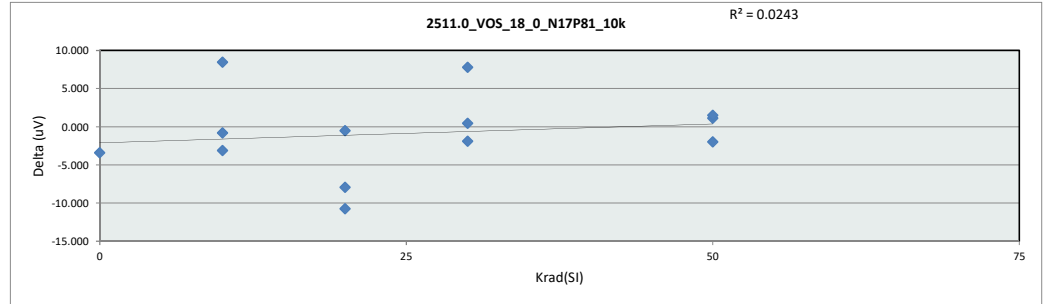
# HDR TID Report OPA4H014-SEP

## 2511.0\_VOS\_18\_0\_N17P81\_10k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.900	2.520	-3.420	380.00%	1.45%
10	1	10.660	13.750	-3.090	-28.99%	1.31%
10	2	18.020	18.830	-0.810	-4.50%	0.34%
10	3	-10.840	-19.310	8.470	-78.14%	3.59%
20	4	8.470	19.220	-10.750	-126.92%	4.56%
20	5	-3.530	-3.020	-0.510	14.45%	0.22%
20	6	3.700	11.650	-7.950	-214.86%	3.37%
30	7	-40.840	-41.280	0.440	-1.08%	0.19%
30	8	21.110	13.330	7.780	36.85%	3.30%
30	9	12.210	14.090	-1.880	-15.40%	0.80%
50	10	8.980	7.870	1.110	12.36%	0.47%
50	11	4.240	2.740	1.500	35.38%	0.64%
50	12	-13.370	-11.380	-1.990	14.88%	0.84%
Max		21.110	19.220	8.470	380.00%	4.56%
Average		1.378	2.232	-0.854	1.85%	1.62%
Min		-40.840	-41.280	-10.750	-214.86%	0.19%
Std Dev		16.253	17.444	5.283	134.48%	1.52%

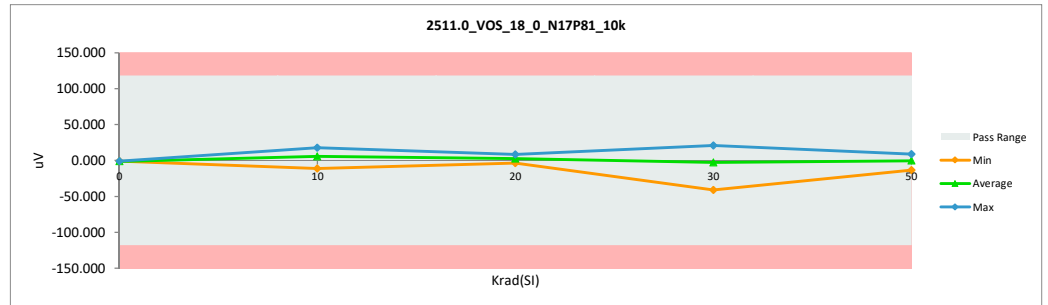
TID Report



## 2511.0\_VOS\_18\_0\_N17P81\_1

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	118 uV
Min Limit	-118 uV

krad(Si)	0	10	20	30	50
LL	-118.000	-118.000	-118.000	-118.000	-118.000
Min	-0.900	-10.840	-3.530	-40.840	-13.370
Average	-0.900	5.947	2.880	-2.507	-0.050
Max	-0.900	18.020	8.470	21.110	8.980
UL	118.000	118.000	118.000	118.000	118.000





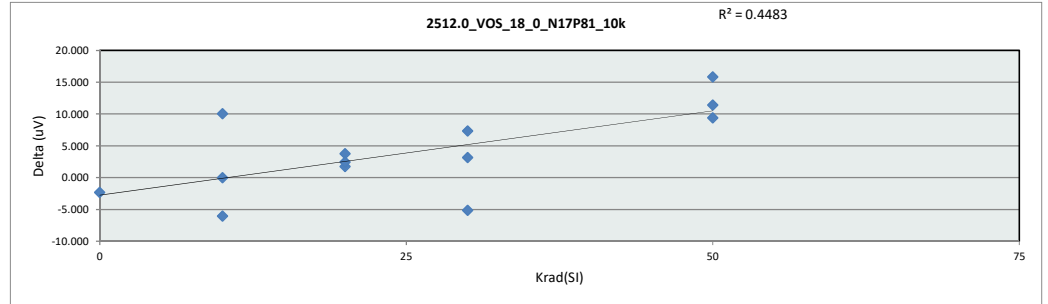
# HDR TID Report OPA4H014-SEP

## 2512.0\_VOS\_18\_0\_N17P81\_10k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-10.450	-8.140	-2.310	22.11%	0.98%
10	1	-19.710	-19.690	-0.020	0.10%	0.01%
10	2	11.520	17.540	-6.020	-52.26%	2.55%
10	3	26.750	16.690	10.060	37.61%	4.26%
20	4	-11.950	-13.690	1.740	-14.56%	0.74%
20	5	17.620	13.860	3.760	21.34%	1.59%
20	6	49.820	47.370	2.450	4.92%	1.04%
30	7	-2.750	-10.090	7.340	-266.91%	3.11%
30	8	-12.240	-7.080	-5.160	42.16%	2.19%
30	9	17.400	14.240	3.160	18.16%	1.34%
50	10	22.130	10.720	11.410	51.56%	4.83%
50	11	25.730	16.340	9.390	36.49%	3.98%
50	12	-20.320	-36.170	15.850	-78.00%	6.72%
Max		49.820	47.370	15.850	51.56%	6.72%
Average		7.196	3.223	3.973	-13.64%	2.56%
Min		-20.320	-36.170	-6.020	-266.91%	0.01%
Std Dev		21.666	21.551	6.588	84.82%	1.93%

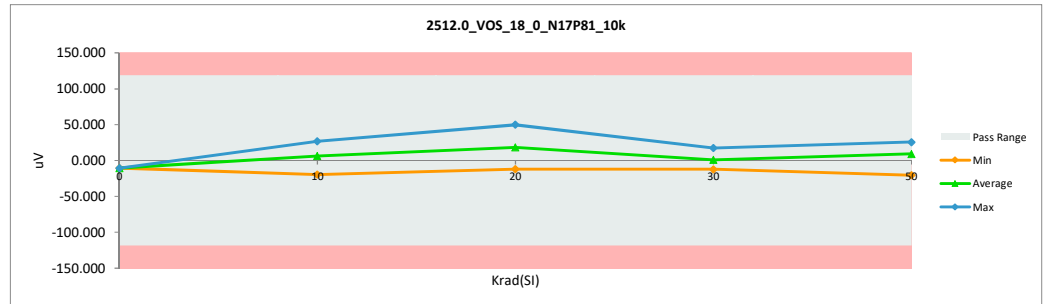
TID Report



## 2512.0\_VOS\_18\_0\_N17P81\_1

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	118 uV
Min Limit	-118 uV

krad(Si)	0	10	20	30	50
LL	-118.000	-118.000	-118.000	-118.000	-118.000
Min	-10.450	-19.710	-11.950	-12.240	-20.320
Average	-10.450	6.187	18.497	0.803	9.180
Max	-10.450	26.750	49.820	17.400	25.730
UL	118.000	118.000	118.000	118.000	118.000



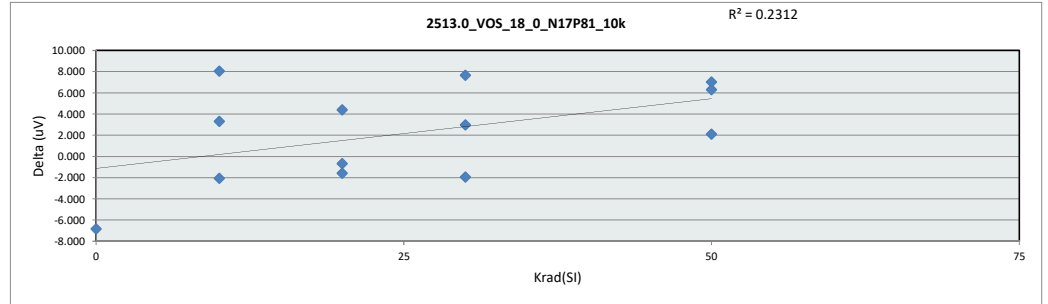
# HDR TID Report OPA4H014-SEP

## 2513.0\_VOS\_18\_0\_N17P81\_10k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	20.010	26.840	-6.830	-34.13%	2.89%
10	1	20.090	16.780	3.310	16.48%	1.40%
10	2	-11.290	-9.220	-2.070	18.33%	0.88%
10	3	-4.090	-12.150	8.060	-197.07%	3.42%
20	4	-3.910	-3.220	-0.690	17.65%	0.29%
20	5	-6.910	-11.310	4.400	-63.68%	1.86%
20	6	-9.010	-7.430	-1.580	17.54%	0.67%
30	7	0.090	2.030	-1.940	-2155.56%	0.82%
30	8	-3.910	-6.900	2.990	-76.47%	1.27%
30	9	11.490	3.850	7.640	66.49%	3.24%
50	10	20.910	13.890	7.020	33.57%	2.97%
50	11	5.490	-0.810	6.300	114.75%	2.67%
50	12	-1.310	-3.410	2.100	-160.31%	0.89%
Max		20.910	26.840	8.060	114.75%	3.42%
Average		2.896	0.688	2.208	-184.80%	1.79%
Min		-11.290	-12.150	-6.830	-2155.56%	0.29%
Std Dev		11.546	11.880	4.566	598.47%	1.10%

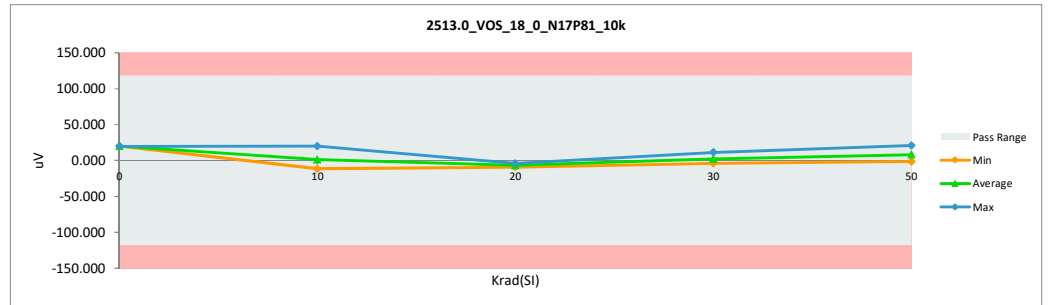
TID Report



## 2513.0\_VOS\_18\_0\_N17P81\_1

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	118 uV
Min Limit	-118 uV

krad(Si)	0	10	20	30	50
LL	-118.000	-118.000	-118.000	-118.000	-118.000
Min	20.010	-11.290	-9.010	-3.910	-1.310
Average	20.010	1.570	-6.610	2.557	8.363
Max	20.010	20.090	-3.910	11.490	20.910
UL	118.000	118.000	118.000	118.000	118.000

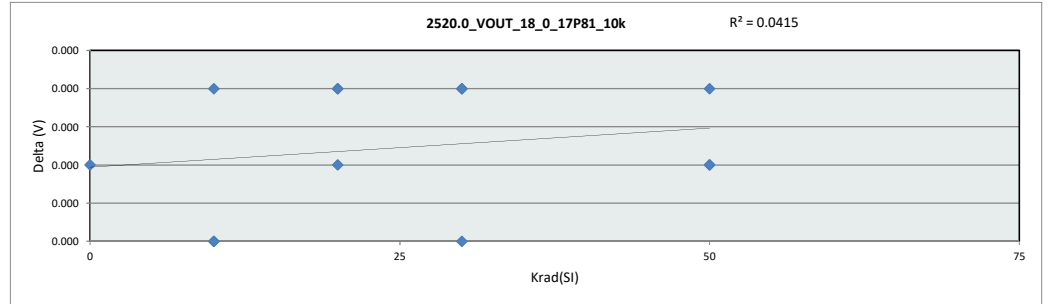


# HDR TID Report OPA4H014-SEP

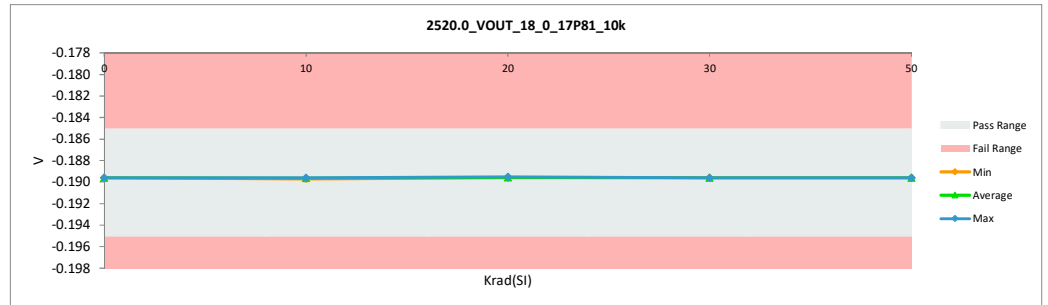
2520.0_VOUT_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.185	-0.185
Min Limit	-0.195	-0.195

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.190	-0.190	0.000	-0.05%	1.00%
10	1	-0.190	-0.190	0.000	0.00%	0.00%
10	2	-0.190	-0.190	0.000	-0.11%	2.00%
10	3	-0.190	-0.190	0.000	0.00%	0.00%
20	4	-0.190	-0.190	0.000	-0.11%	2.00%
20	5	-0.190	-0.190	0.000	-0.11%	2.00%
20	6	-0.190	-0.190	0.000	-0.05%	1.00%
30	7	-0.190	-0.190	0.000	0.00%	0.00%
30	8	-0.190	-0.190	0.000	-0.11%	2.00%
30	9	-0.190	-0.190	0.000	-0.11%	2.00%
50	10	-0.190	-0.190	0.000	-0.05%	1.00%
50	11	-0.190	-0.190	0.000	-0.11%	2.00%
50	12	-0.190	-0.190	0.000	-0.05%	1.00%
	Max	-0.190	-0.190	0.000	0.00%	2.00%
	Average	-0.190	-0.190	0.000	-0.06%	1.23%
	Min	-0.190	-0.190	0.000	-0.11%	0.00%
	Std Dev	0.000	0.000	0.000	0.04%	0.83%

TID Report



2520.0_VOUT_18_0_17P81_10k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.185				
Min Limit	-0.195				
	0	10	20	30	50
LL	-0.195	-0.195	-0.195	-0.195	-0.195
Min	-0.190	-0.190	-0.190	-0.190	-0.190
Average	-0.190	-0.190	-0.190	-0.190	-0.190
Max	-0.190	-0.190	-0.190	-0.190	-0.190
UL	-0.185	-0.185	-0.185	-0.185	-0.185



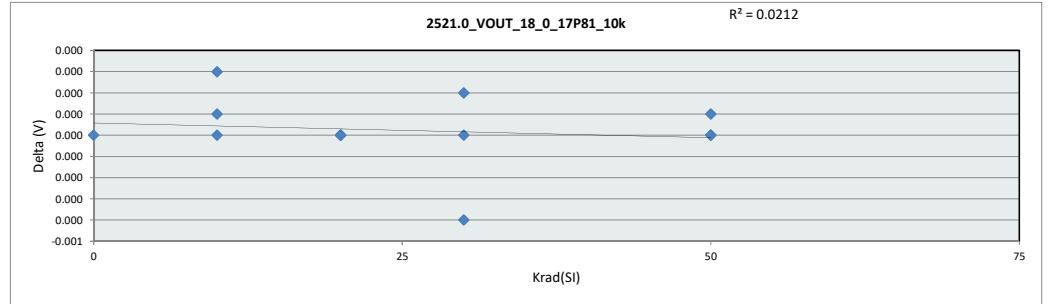
# HDR TID Report OPA4H014-SEP

## 2521.0\_VOUT\_18\_0\_17P81\_10k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.185	-0.185
Min Limit	-0.195	-0.195

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.190	-0.190	0.000	0.00%	0.00%
10	1	-0.190	-0.190	0.000	-0.16%	3.00%
10	2	-0.190	-0.190	0.000	-0.05%	1.00%
10	3	-0.190	-0.190	0.000	0.00%	0.00%
20	4	-0.190	-0.190	0.000	0.00%	0.00%
20	5	-0.190	-0.190	0.000	0.00%	0.00%
20	6	-0.190	-0.190	0.000	0.00%	0.00%
30	7	-0.190	-0.190	0.000	-0.11%	2.00%
30	8	-0.190	-0.190	0.000	0.00%	0.00%
30	9	-0.190	-0.190	0.000	0.21%	4.00%
50	10	-0.190	-0.190	0.000	0.00%	0.00%
50	11	-0.190	-0.190	0.000	-0.05%	1.00%
50	12	-0.190	-0.190	0.000	0.00%	0.00%
Max		-0.190	-0.190	0.000	0.21%	4.00%
Average		-0.190	-0.190	0.000	-0.01%	0.85%
Min		-0.190	-0.190	0.000	-0.16%	0.00%
Std Dev		0.000	0.000	0.000	0.08%	1.34%

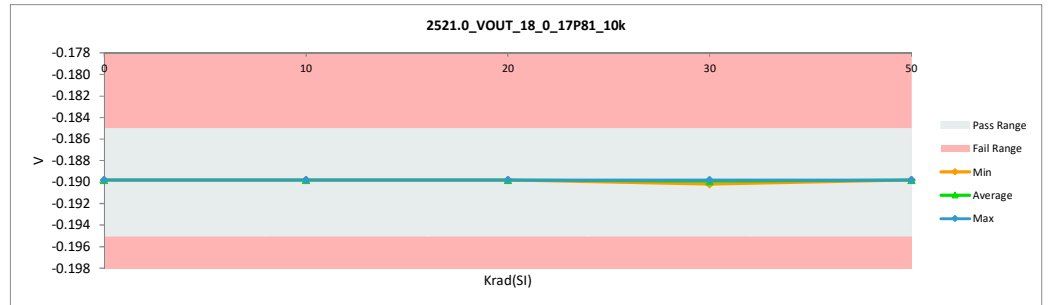
TID Report



## 2521.0\_VOUT\_18\_0\_17P81\_1

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	-0.185
Min Limit	-0.195

krad(Si)	0	10	20	30	50
LL	-0.195	-0.195	-0.195	-0.195	-0.195
Min	-0.190	-0.190	-0.190	-0.190	-0.190
Average	-0.190	-0.190	-0.190	-0.190	-0.190
Max	-0.190	-0.190	-0.190	-0.190	-0.190
UL	-0.185	-0.185	-0.185	-0.185	-0.185



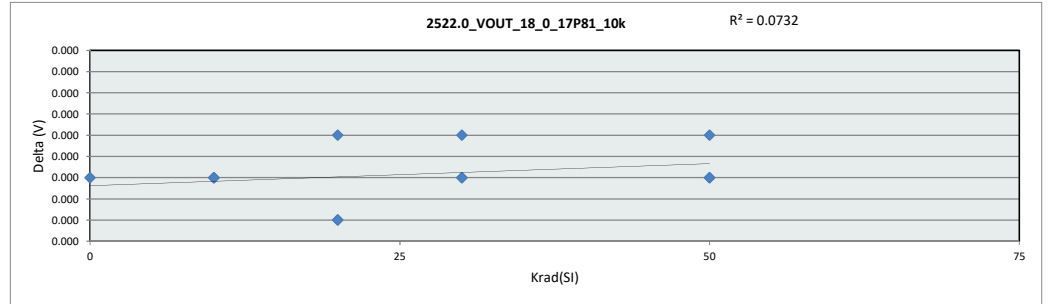
# HDR TID Report OPA4H014-SEP

## 2522.0\_VOUT\_18\_0\_17P81\_10k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.185	-0.185
Min Limit	-0.195	-0.195

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.190	-0.190	0.000	0.16%	3.00%
10	1	-0.190	-0.190	0.000	0.16%	3.00%
10	2	-0.190	-0.190	0.000	0.16%	3.00%
10	3	-0.190	-0.190	0.000	0.16%	3.00%
20	4	-0.190	-0.190	0.000	0.21%	4.00%
20	5	-0.190	-0.190	0.000	0.11%	2.00%
20	6	-0.190	-0.190	0.000	0.21%	4.00%
30	7	-0.190	-0.190	0.000	0.16%	3.00%
30	8	-0.190	-0.190	0.000	0.16%	3.00%
30	9	-0.190	-0.190	0.000	0.11%	2.00%
50	10	-0.190	-0.190	0.000	0.11%	2.00%
50	11	-0.190	-0.190	0.000	0.16%	3.00%
50	12	-0.190	-0.190	0.000	0.16%	3.00%
Max		-0.190	-0.190	0.000	0.21%	4.00%
Average		-0.190	-0.190	0.000	0.15%	2.92%
Min		-0.190	-0.190	0.000	0.11%	2.00%
Std Dev		0.000	0.000	0.000	0.03%	0.64%

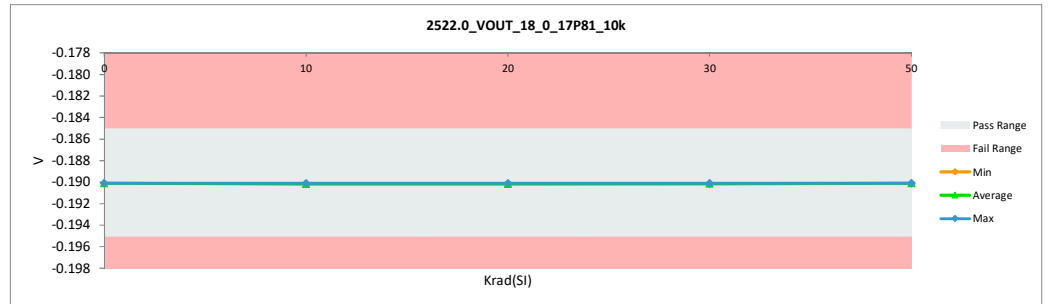
TID Report



## 2522.0\_VOUT\_18\_0\_17P81\_1

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	-0.185
Min Limit	-0.195

krad(Si)	0	10	20	30	50
LL	-0.195	-0.195	-0.195	-0.195	-0.195
Min	-0.190	-0.190	-0.190	-0.190	-0.190
Average	-0.190	-0.190	-0.190	-0.190	-0.190
Max	-0.190	-0.190	-0.190	-0.190	-0.190
UL	-0.185	-0.185	-0.185	-0.185	-0.185

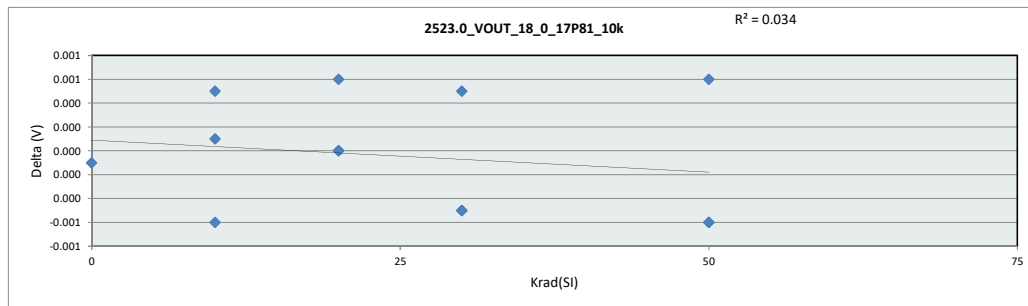


# HDR TID Report OPA4H014-SEP

## 2523.0\_VOUT\_18\_0\_17P81\_10k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.185	-0.185
Min Limit	-0.195	-0.195

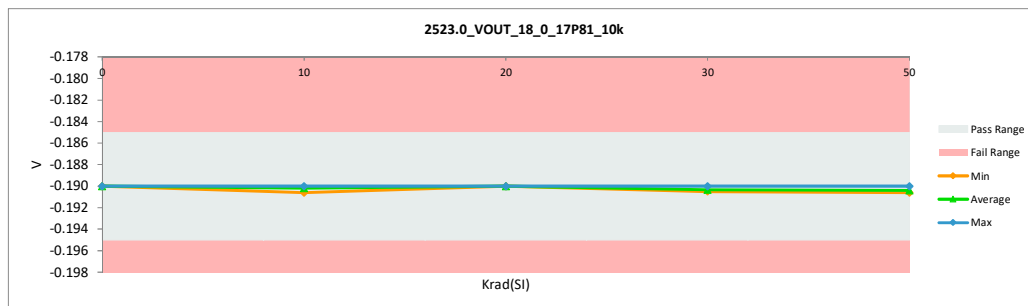
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.190	-0.190	0.000	0.05%	1.00%
10	1	-0.190	-0.191	0.001	-0.26%	5.00%
10	2	-0.191	-0.190	-0.001	0.31%	6.00%
10	3	-0.190	-0.190	0.000	-0.05%	1.00%
20	4	-0.190	-0.190	0.000	0.00%	0.00%
20	5	-0.190	-0.190	0.000	0.00%	0.00%
20	6	-0.190	-0.191	0.001	-0.32%	6.00%
30	7	-0.190	-0.191	0.001	-0.26%	5.00%
30	8	-0.191	-0.190	-0.001	0.26%	5.00%
30	9	-0.191	-0.190	-0.001	0.26%	5.00%
50	10	-0.190	-0.191	0.001	-0.32%	6.00%
50	11	-0.191	-0.190	-0.001	0.31%	6.00%
50	12	-0.191	-0.190	-0.001	0.31%	6.00%
Max		-0.190	-0.190	0.001	0.31%	6.00%
Average		-0.190	-0.190	0.000	0.02%	4.00%
Min		-0.191	-0.191	-0.001	-0.32%	0.00%
Std Dev		0.000	0.000	0.000	0.25%	2.48%



## 2523.0\_VOUT\_18\_0\_17P81\_1

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	-0.185
Min Limit	-0.195

krad(Si)	0	10	20	30	50
LL	-0.195	-0.195	-0.195	-0.195	-0.195
Min	-0.190	-0.191	-0.190	-0.191	-0.191
Average	-0.190	-0.190	-0.190	-0.190	-0.190
Max	-0.190	-0.190	-0.190	-0.190	-0.190
UL	-0.185	-0.185	-0.185	-0.185	-0.185

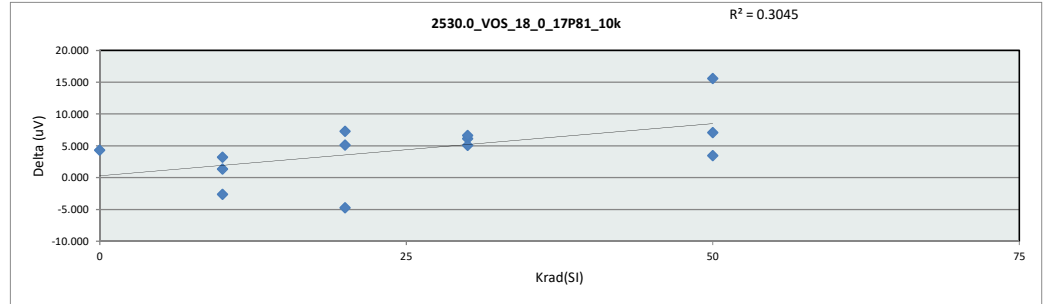


# HDR TID Report OPA4H014-SEP

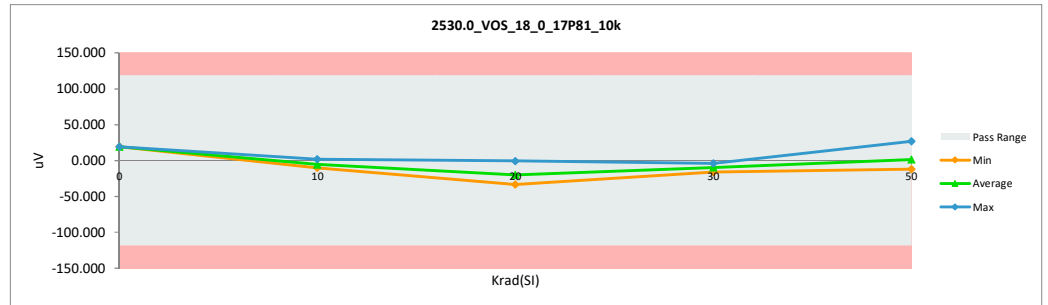
2530.0_VOS_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	19.170	14.850	4.320	22.54%	1.83%
10	1	-10.360	-7.760	-2.600	25.10%	1.10%
10	2	-7.940	-9.270	1.330	-16.75%	0.56%
10	3	1.670	-1.560	3.230	193.41%	1.37%
20	4	-25.700	-30.800	5.100	-19.84%	2.16%
20	5	-33.340	-40.650	7.310	-21.93%	3.10%
20	6	-0.690	4.030	-4.720	684.06%	2.00%
30	7	-16.100	-22.230	6.130	-38.07%	2.60%
30	8	-4.040	-9.100	5.060	-125.25%	2.14%
30	9	-8.750	-15.390	6.640	-75.89%	2.81%
50	10	-12.120	-27.700	15.580	-128.55%	6.60%
50	11	-10.710	-17.820	7.110	-66.39%	3.01%
50	12	26.940	23.470	3.470	12.88%	1.47%
	Max	26.940	23.470	15.580	684.06%	6.60%
	Average	-6.305	-10.764	4.458	34.26%	2.37%
	Min	-33.340	-40.650	-4.720	-128.55%	0.56%
	Std Dev	16.165	18.096	4.946	211.42%	1.48%

TID Report



2530.0_VOS_18_0_17P81_10k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	118	uV			
Min Limit	-118	uV			
krad(Si)	0	10	20	30	50
LL	-118.000	-118.000	-118.000	-118.000	-118.000
Min	19.170	-10.360	-33.340	-16.100	-12.120
Average	19.170	-5.543	-19.910	-9.630	1.370
Max	19.170	1.670	-0.690	-4.040	26.940
UL	118.000	118.000	118.000	118.000	118.000

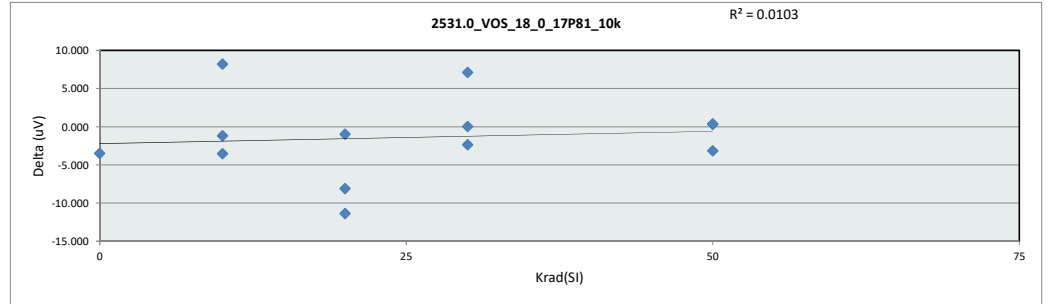


# HDR TID Report OPA4H014-SEP

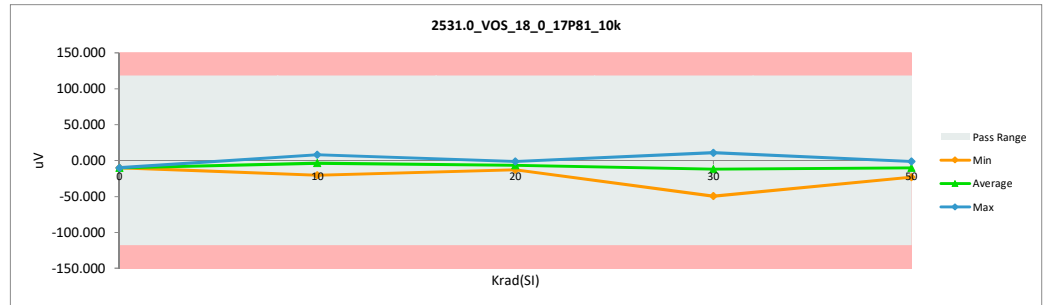
2531.0_VOS_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-9.950	-6.470	-3.480	34.97%	1.47%
10	1	1.340	4.870	-3.530	-263.43%	1.50%
10	2	8.140	9.340	-1.200	-14.74%	0.51%
10	3	-20.510	-28.700	8.190	-39.93%	3.47%
20	4	-1.150	10.230	-11.380	989.57%	4.82%
20	5	-12.790	-11.830	-0.960	7.51%	0.41%
20	6	-5.960	2.150	-8.110	136.07%	3.44%
30	7	-49.580	-49.620	0.040	-0.08%	0.02%
30	8	10.990	3.850	7.140	64.97%	3.03%
30	9	2.510	4.870	-2.360	-94.02%	1.00%
50	10	-1.160	-1.510	0.350	-30.17%	0.15%
50	11	-6.070	-6.400	0.330	-5.44%	0.14%
50	12	-23.120	-19.960	-3.160	13.67%	1.34%
Max		10.990	10.230	8.190	989.57%	4.82%
Average		-8.255	-6.860	-1.395	61.46%	1.64%
Min		-49.580	-49.620	-11.380	-263.43%	0.02%
Std Dev		15.970	17.215	5.250	293.73%	1.56%

TID Report



2531.0_VOS_18_0_17P81_10k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	118 uV				
Min Limit	-118 uV				
krad(Si)	0	10	20	30	50
LL	-118.000	-118.000	-118.000	-118.000	-118.000
Min	-9.950	-20.510	-12.790	-49.580	-23.120
Average	-9.950	-3.677	-6.633	-12.027	-10.117
Max	-9.950	8.140	-1.150	10.990	-1.160
UL	118.000	118.000	118.000	118.000	118.000





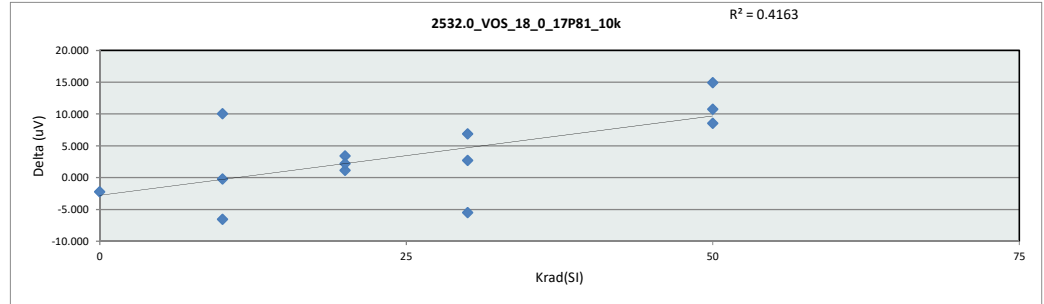
# HDR TID Report OPA4H014-SEP

## 2532.0\_VOS\_18\_0\_17P81\_10k

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-20.240	-18.020	-2.220	10.97%	0.94%
10	1	-29.220	-29.010	-0.210	0.72%	0.09%
10	2	1.340	7.870	-6.530	-487.31%	2.77%
10	3	16.680	6.610	10.070	60.37%	4.27%
20	4	-22.220	-23.350	1.130	-5.09%	0.48%
20	5	7.540	4.150	3.390	44.96%	1.44%
20	6	40.050	37.860	2.190	5.47%	0.93%
30	7	-12.210	-19.070	6.860	-56.18%	2.91%
30	8	-22.400	-16.930	-5.470	24.42%	2.32%
30	9	7.190	4.490	2.700	37.55%	1.14%
50	10	11.030	0.260	10.770	97.64%	4.56%
50	11	14.700	6.160	8.540	58.10%	3.62%
50	12	-30.500	-45.440	14.940	-48.98%	6.33%
Max		40.050	37.860	14.940	97.64%	6.33%
Average		-2.943	-6.494	3.551	-19.80%	2.45%
Min		-30.500	-45.440	-6.530	-487.31%	0.09%
Std Dev		21.517	21.395	6.449	146.83%	1.86%

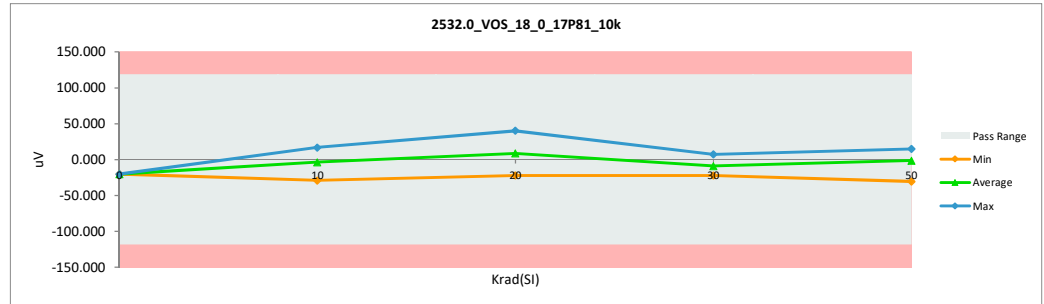
TID Report



## 2532.0\_VOS\_18\_0\_17P81\_10k

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	118 uV
Min Limit	-118 uV

krad(Si)	0	10	20	30	50
LL	-118.000	-118.000	-118.000	-118.000	-118.000
Min	-20.240	-29.220	-22.220	-22.400	-30.500
Average	-20.240	-3.733	8.457	-9.140	-1.590
Max	-20.240	16.680	40.050	7.190	14.700
UL	118.000	118.000	118.000	118.000	118.000

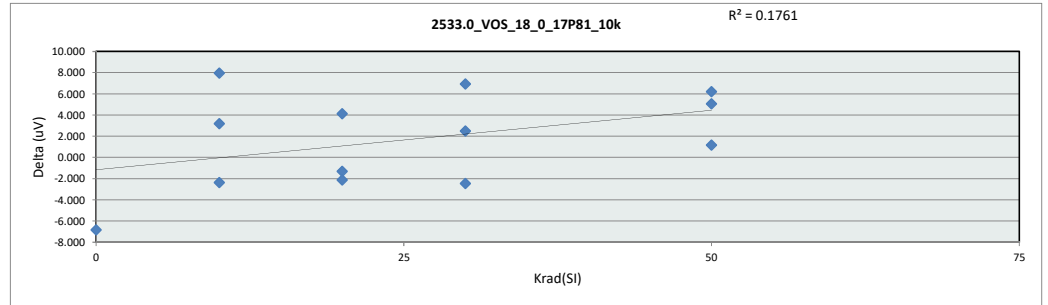


# HDR TID Report OPA4H014-SEP

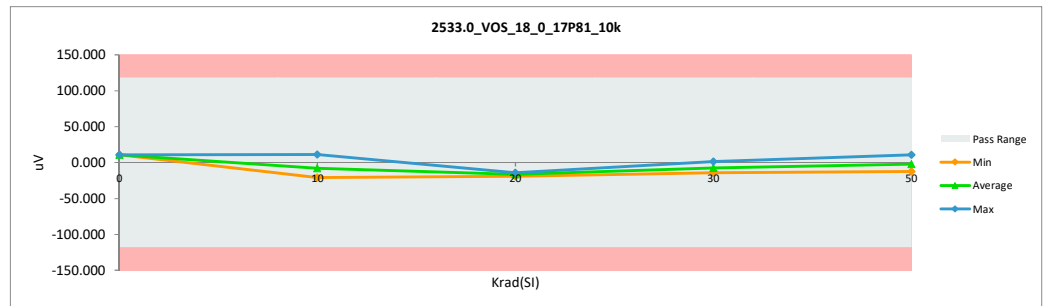
2533.0_VOS_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	10.770	17.600	-6.830	-63.42%	2.89%
10	1	11.120	7.940	3.180	28.60%	1.35%
10	2	-20.930	-18.550	-2.380	11.37%	1.01%
10	3	-13.380	-21.340	7.960	-59.49%	3.37%
20	4	-14.160	-12.860	-1.300	9.18%	0.55%
20	5	-16.330	-20.460	4.130	-25.29%	1.75%
20	6	-19.160	-17.030	-2.130	11.12%	0.90%
30	7	-9.550	-7.100	-2.450	25.65%	1.04%
30	8	-14.120	-16.600	2.480	-17.56%	1.05%
30	9	1.370	-5.550	6.920	505.11%	2.93%
50	10	10.740	4.530	6.210	57.82%	2.63%
50	11	-5.180	-10.230	5.050	-97.49%	2.14%
50	12	-12.280	-13.440	1.160	-9.45%	0.49%
	Max	11.120	17.600	7.960	505.11%	3.37%
	Average	-7.007	-8.699	1.692	28.93%	1.70%
	Min	-20.930	-21.340	-6.830	-97.49%	0.49%
	Std Dev	11.684	11.990	4.447	149.31%	0.99%

TID Report



2533.0_VOS_18_0_17P81_10k					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	118 uV				
Min Limit	-118 uV				
krad(Si)	0	10	20	30	50
LL	-118.000	-118.000	-118.000	-118.000	-118.000
Min	10.770	-20.930	-19.160	-14.120	-12.280
Average	10.770	-7.730	-16.550	-7.433	-2.240
Max	10.770	11.120	-14.160	1.370	10.740
UL	118.000	118.000	118.000	118.000	118.000

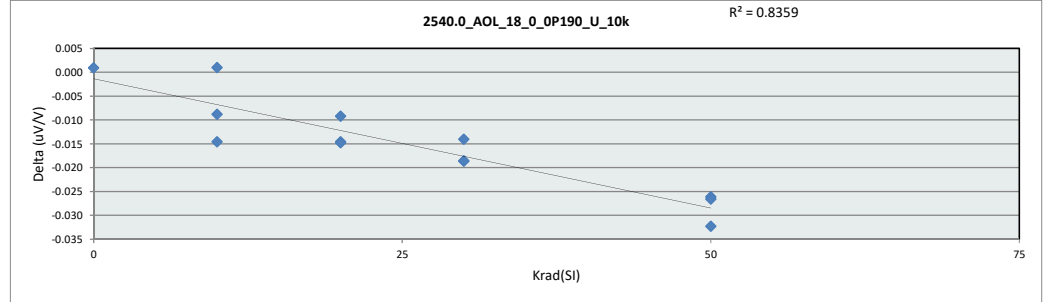


# HDR TID Report OPA4H014-SEP

## 2540.0\_AOL\_18\_0\_0P190\_U\_10

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.7	0.7
Min Limit	-0.7	-0.7

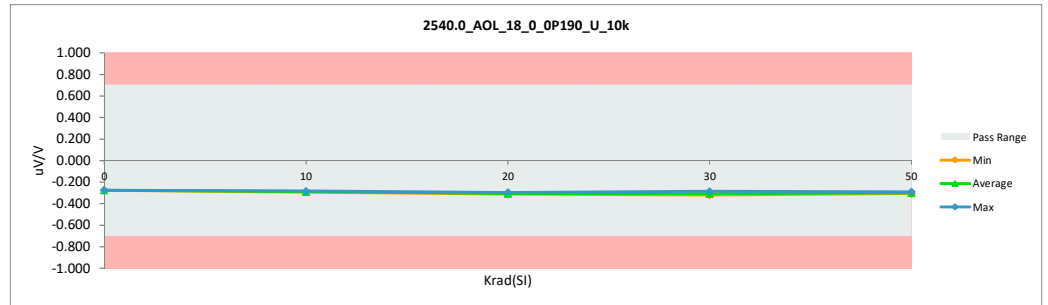
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.277	-0.278	0.001	-0.33%	0.06%
10	1	-0.284	-0.285	0.001	-0.35%	0.07%
10	2	-0.290	-0.275	-0.015	5.04%	1.04%
10	3	-0.295	-0.286	-0.009	2.99%	0.63%
20	4	-0.312	-0.297	-0.015	4.68%	1.04%
20	5	-0.297	-0.288	-0.009	3.10%	0.66%
20	6	-0.313	-0.299	-0.015	4.72%	1.06%
30	7	-0.287	-0.273	-0.014	4.88%	1.00%
30	8	-0.315	-0.296	-0.019	5.90%	1.33%
30	9	-0.321	-0.302	-0.019	5.79%	1.33%
50	10	-0.303	-0.277	-0.026	8.61%	1.86%
50	11	-0.290	-0.264	-0.027	9.16%	1.90%
50	12	-0.308	-0.275	-0.032	10.49%	2.31%
Max		-0.277	-0.264	0.001	10.49%	2.31%
Average		-0.299	-0.284	-0.015	4.98%	1.10%
Min		-0.321	-0.302	-0.032	-0.35%	0.06%
Std Dev		0.014	0.012	0.010	3.25%	0.67%



## 2540.0\_AOL\_18\_0\_0P190\_U

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.7 uV/V
Min Limit	-0.7 uV/V

krad(Si)	0	10	20	30	50
LL	-0.700	-0.700	-0.700	-0.700	-0.700
Min	-0.277	-0.295	-0.313	-0.321	-0.308
Average	-0.277	-0.289	-0.308	-0.308	-0.300
Max	-0.277	-0.284	-0.297	-0.287	-0.290
UL	0.700	0.700	0.700	0.700	0.700

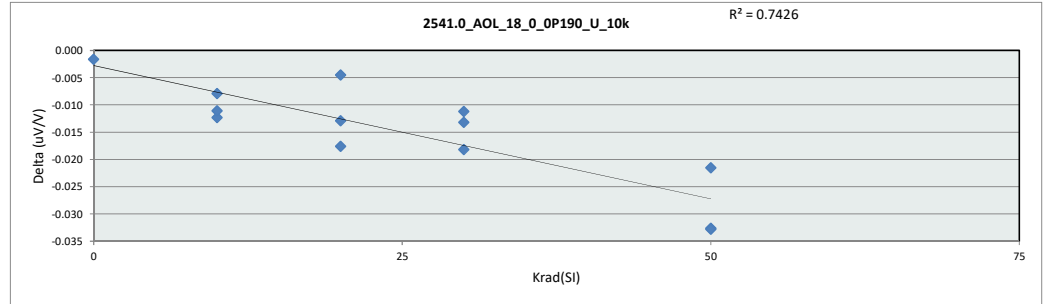


HDR TID Report  
OPA4H014-SEP

2541.0\_AOL\_18\_0\_0P190\_U\_10

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.7	0.7
Min Limit	-0.7	-0.7

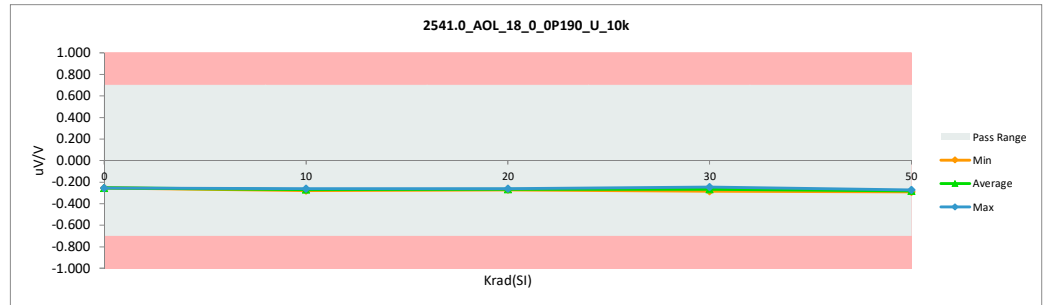
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.254	-0.252	-0.002	0.63%	0.11%
10	1	-0.262	-0.249	-0.012	4.70%	0.88%
10	2	-0.278	-0.266	-0.011	4.00%	0.79%
10	3	-0.272	-0.264	-0.008	2.91%	0.56%
20	4	-0.270	-0.252	-0.018	6.52%	1.26%
20	5	-0.260	-0.247	-0.013	4.96%	0.92%
20	6	-0.271	-0.267	-0.005	1.66%	0.32%
30	7	-0.245	-0.234	-0.011	4.57%	0.80%
30	8	-0.284	-0.266	-0.018	6.41%	1.30%
30	9	-0.272	-0.259	-0.013	4.85%	0.94%
50	10	-0.285	-0.263	-0.021	7.55%	1.54%
50	11	-0.289	-0.257	-0.033	11.26%	2.33%
50	12	-0.274	-0.241	-0.033	11.98%	2.34%
	Max	-0.245	-0.234	-0.002	11.98%	2.34%
	Average	-0.270	-0.255	-0.015	5.54%	1.08%
	Min	-0.289	-0.267	-0.033	0.63%	0.11%
	Std Dev	0.013	0.010	0.009	3.30%	0.67%



2541.0\_AOL\_18\_0\_0P190\_U\_10k

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.7 uV/V
Min Limit	-0.7 uV/V

krad(Si)	0	10	20	30	50
LL	-0.700	-0.700	-0.700	-0.700	-0.700
Min	-0.254	-0.278	-0.271	-0.284	-0.289
Average	-0.254	-0.270	-0.267	-0.267	-0.283
Max	-0.254	-0.262	-0.260	-0.245	-0.274
UL	0.700	0.700	0.700	0.700	0.700



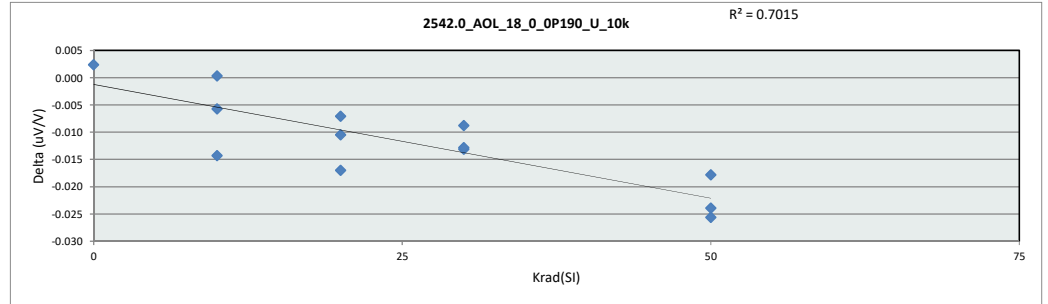
# HDR TID Report OPA4H014-SEP

2542.0\_AOL\_18\_0\_0P190\_U\_10

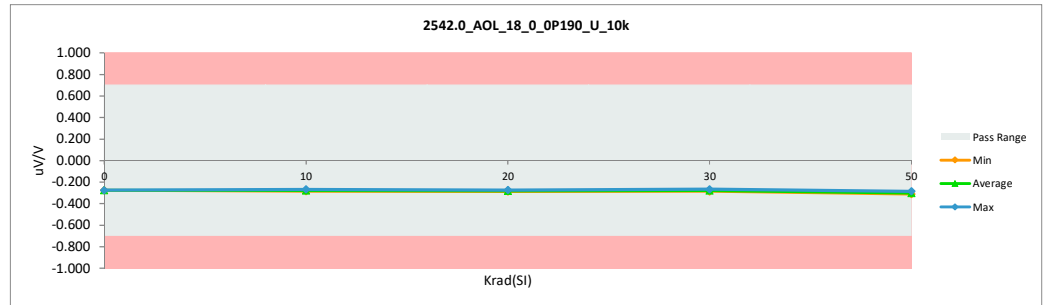
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.7	0.7
Min Limit	-0.7	-0.7

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.275	-0.277	0.002	-0.87%	0.17%
10	1	-0.267	-0.262	-0.006	2.13%	0.41%
10	2	-0.286	-0.271	-0.014	5.01%	1.02%
10	3	-0.283	-0.283	0.000	-0.11%	0.02%
20	4	-0.288	-0.271	-0.017	5.90%	1.21%
20	5	-0.283	-0.273	-0.010	3.71%	0.75%
20	6	-0.274	-0.267	-0.007	2.59%	0.51%
30	7	-0.265	-0.252	-0.013	4.94%	0.94%
30	8	-0.285	-0.276	-0.009	3.08%	0.63%
30	9	-0.287	-0.274	-0.013	4.47%	0.91%
50	10	-0.312	-0.294	-0.018	5.71%	1.27%
50	11	-0.310	-0.286	-0.024	7.71%	1.71%
50	12	-0.286	-0.260	-0.026	8.96%	1.83%
	Max	-0.265	-0.252	0.002	8.96%	1.83%
	Average	-0.285	-0.273	-0.012	4.09%	0.88%
	Min	-0.312	-0.294	-0.026	-0.87%	0.02%
	Std Dev	0.014	0.011	0.008	2.80%	0.54%

TID Report



2542.0_AOL_18_0_0P190_U					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.7 uV/V				
Min Limit	-0.7 uV/V				
krad(Si)	0	10	20	30	50
LL	-0.700	-0.700	-0.700	-0.700	-0.700
Min	-0.275	-0.286	-0.288	-0.287	-0.312
Average	-0.275	-0.279	-0.282	-0.279	-0.302
Max	-0.275	-0.267	-0.274	-0.265	-0.286
UL	0.700	0.700	0.700	0.700	0.700

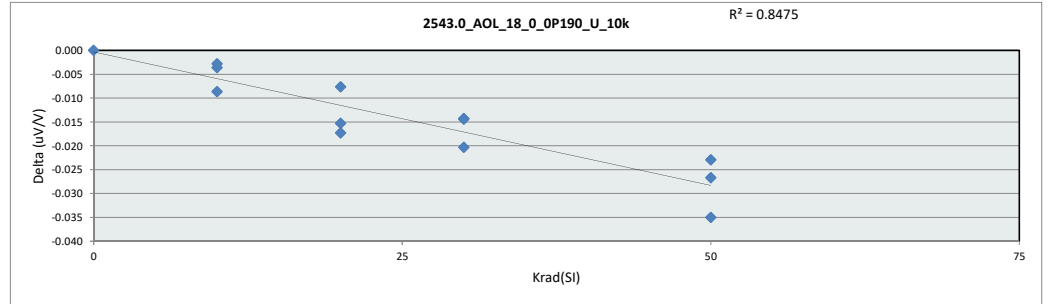


HDR TID Report  
OPA4H014-SEP

2543.0\_AOL\_18\_0\_0P190\_U\_10

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.7	0.7
Min Limit	-0.7	-0.7

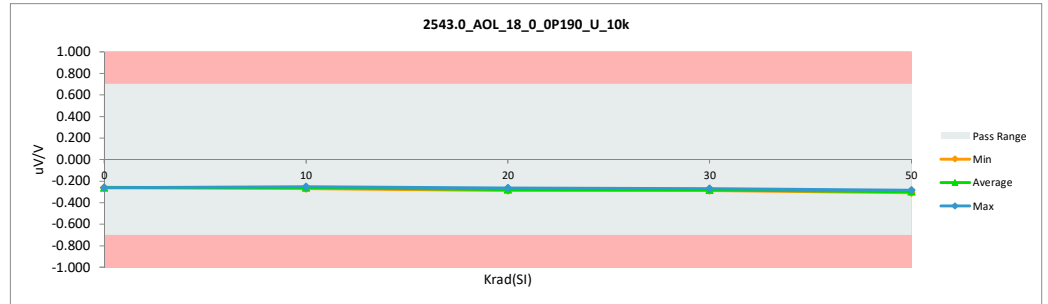
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.259	-0.259	0.000	0.00%	0.00%
10	1	-0.252	-0.248	-0.004	1.43%	0.26%
10	2	-0.271	-0.262	-0.009	3.18%	0.61%
10	3	-0.261	-0.258	-0.003	1.07%	0.20%
20	4	-0.288	-0.271	-0.017	6.01%	1.24%
20	5	-0.264	-0.257	-0.008	2.87%	0.54%
20	6	-0.285	-0.270	-0.015	5.37%	1.09%
30	7	-0.271	-0.256	-0.014	5.28%	1.02%
30	8	-0.287	-0.272	-0.014	5.02%	1.03%
30	9	-0.284	-0.264	-0.020	7.14%	1.45%
50	10	-0.286	-0.263	-0.023	8.02%	1.64%
50	11	-0.300	-0.265	-0.035	11.68%	2.50%
50	12	-0.308	-0.281	-0.027	8.67%	1.91%
	Max	-0.252	-0.248	0.000	11.68%	2.50%
	Average	-0.278	-0.264	-0.015	5.06%	1.04%
	Min	-0.308	-0.281	-0.035	0.00%	0.00%
	Std Dev	0.017	0.009	0.010	3.34%	0.72%



2543.0\_AOL\_18\_0\_0P190\_U\_10k

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.7 uV/V
Min Limit	-0.7 uV/V

krad(Si)	0	10	20	30	50
LL	-0.700	-0.700	-0.700	-0.700	-0.700
Min	-0.259	-0.271	-0.288	-0.287	-0.308
Average	-0.259	-0.261	-0.279	-0.281	-0.298
Max	-0.259	-0.252	-0.264	-0.271	-0.286
UL	0.700	0.700	0.700	0.700	0.700

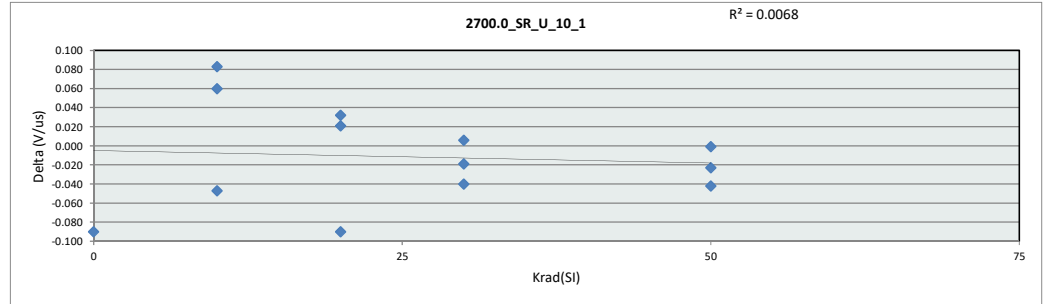


# HDR TID Report OPA4H014-SEP

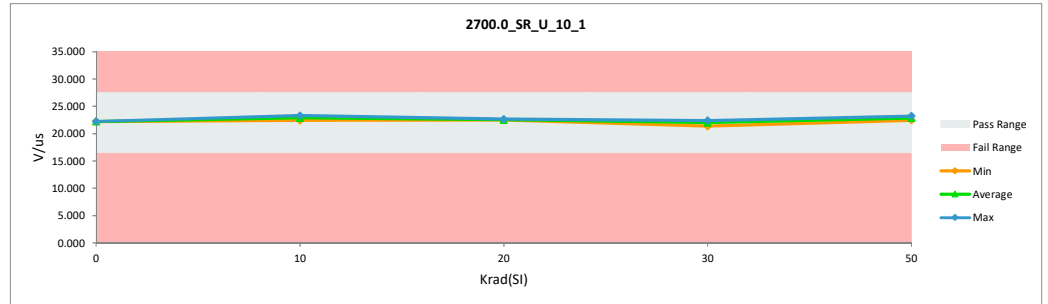
2700.0_SR_U_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	22.244	22.334	-0.090	-0.40%	0.82%
10	1	22.425	22.342	0.083	0.37%	0.75%
10	2	22.927	22.867	0.060	0.26%	0.55%
10	3	23.317	23.364	-0.047	-0.20%	0.43%
20	4	22.496	22.464	0.032	0.14%	0.29%
20	5	22.661	22.751	-0.090	-0.40%	0.82%
20	6	22.502	22.481	0.021	0.09%	0.19%
30	7	22.220	22.214	0.006	0.03%	0.05%
30	8	21.385	21.425	-0.040	-0.19%	0.36%
30	9	22.398	22.417	-0.019	-0.08%	0.17%
50	10	22.462	22.504	-0.042	-0.19%	0.38%
50	11	22.911	22.912	-0.001	0.00%	0.01%
50	12	23.217	23.240	-0.023	-0.10%	0.21%
	Max	23.317	23.364	0.083	0.37%	0.82%
	Average	22.551	22.563	-0.012	-0.05%	0.39%
	Min	21.385	21.425	-0.090	-0.40%	0.01%
	Std Dev	0.494	0.492	0.052	0.23%	0.28%

TID Report



2700.0_SR_U_10_1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	27.5 V/us				
Min Limit	16.5 V/us				
krad(Si)	0	10	20	30	50
LL	16.500	16.500	16.500	16.500	16.500
Min	22.244	22.425	22.496	21.385	22.462
Average	22.244	22.890	22.553	22.001	22.863
Max	22.244	23.317	22.661	22.398	23.217
UL	27.500	27.500	27.500	27.500	27.500

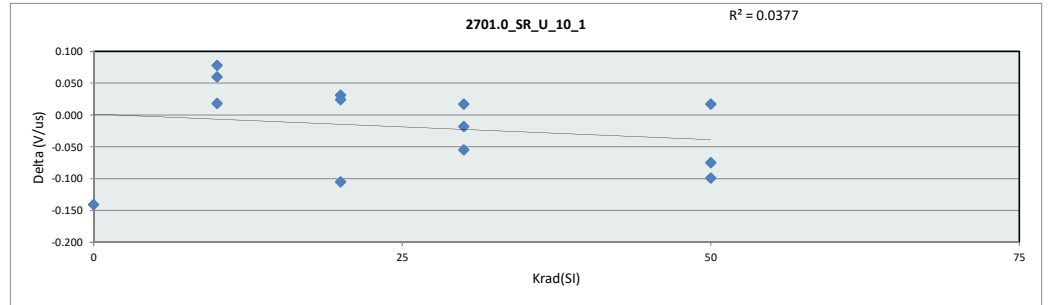


# HDR TID Report OPA4H014-SEP

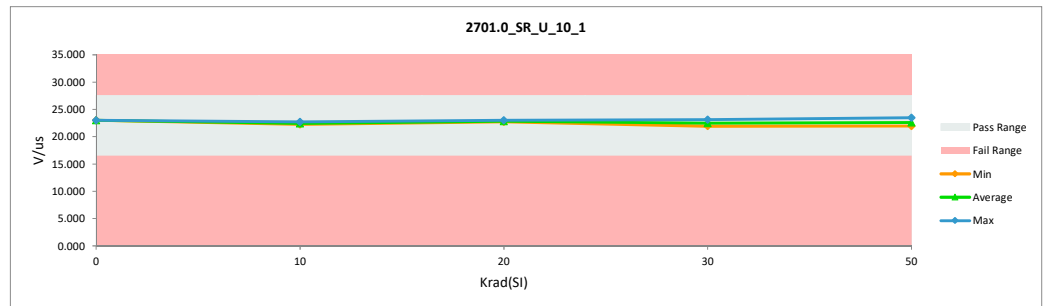
2701.0_SR_U_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	22.990	23.131	-0.141	-0.61%	1.28%
10	1	22.228	22.150	0.078	0.35%	0.71%
10	2	22.252	22.192	0.060	0.27%	0.55%
10	3	22.716	22.698	0.018	0.08%	0.16%
20	4	22.827	22.796	0.031	0.14%	0.28%
20	5	23.014	23.119	-0.105	-0.46%	0.95%
20	6	22.723	22.699	0.024	0.11%	0.22%
30	7	22.411	22.394	0.017	0.08%	0.15%
30	8	21.925	21.943	-0.018	-0.08%	0.16%
30	9	23.118	23.173	-0.055	-0.24%	0.50%
50	10	21.955	22.030	-0.075	-0.34%	0.68%
50	11	22.351	22.334	0.017	0.08%	0.15%
50	12	23.477	23.576	-0.099	-0.42%	0.90%
	Max	23.477	23.576	0.078	0.35%	1.28%
	Average	22.614	22.633	-0.019	-0.08%	0.52%
	Min	21.925	21.943	-0.141	-0.61%	0.15%
	Std Dev	0.471	0.509	0.069	0.30%	0.37%

TID Report



2701.0_SR_U_10_1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	27.5 V/us				
Min Limit	16.5 V/us				
krad(Si)	0	10	20	30	50
LL	16.500	16.500	16.500	16.500	16.500
Min	22.990	22.228	22.723	21.925	21.955
Average	22.990	22.399	22.855	22.485	22.594
Max	22.990	22.716	23.014	23.118	23.477
UL	27.500	27.500	27.500	27.500	27.500



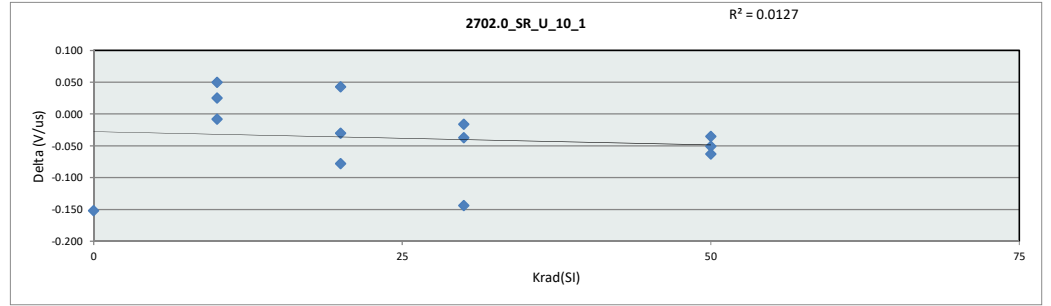


# HDR TID Report OPA4H014-SEP

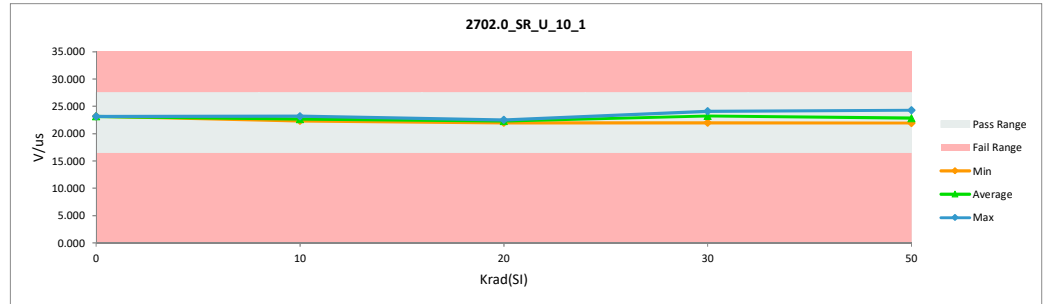
2702.0_SR_U_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	23.173	23.325	-0.152	-0.66%	1.38%
10	1	22.358	22.333	0.025	0.11%	0.23%
10	2	22.488	22.438	0.050	0.22%	0.45%
10	3	23.184	23.192	-0.008	-0.03%	0.07%
20	4	21.984	21.941	0.043	0.20%	0.39%
20	5	22.382	22.460	-0.078	-0.35%	0.71%
20	6	22.505	22.535	-0.030	-0.13%	0.27%
30	7	24.087	24.103	-0.016	-0.07%	0.15%
30	8	22.000	22.037	-0.037	-0.17%	0.34%
30	9	23.664	23.808	-0.144	-0.61%	1.31%
50	10	21.959	22.010	-0.051	-0.23%	0.46%
50	11	22.272	22.335	-0.063	-0.28%	0.57%
50	12	24.305	24.340	-0.035	-0.14%	0.32%
	Max	24.305	24.340	0.050	0.22%	1.38%
	Average	22.797	22.835	-0.038	-0.16%	0.51%
	Min	21.959	21.941	-0.152	-0.66%	0.07%
	Std Dev	0.806	0.826	0.062	0.27%	0.41%

TID Report



2702.0_SR_U_10_1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	27.5	V/us			
Min Limit	16.5	V/us			
krad(Si)	0	10	20	30	50
LL	16.500	16.500	16.500	16.500	16.500
Min	23.173	22.358	21.984	22.000	21.959
Average	23.173	22.677	22.290	23.250	22.845
Max	23.173	23.184	22.505	24.087	24.305
UL	27.500	27.500	27.500	27.500	27.500

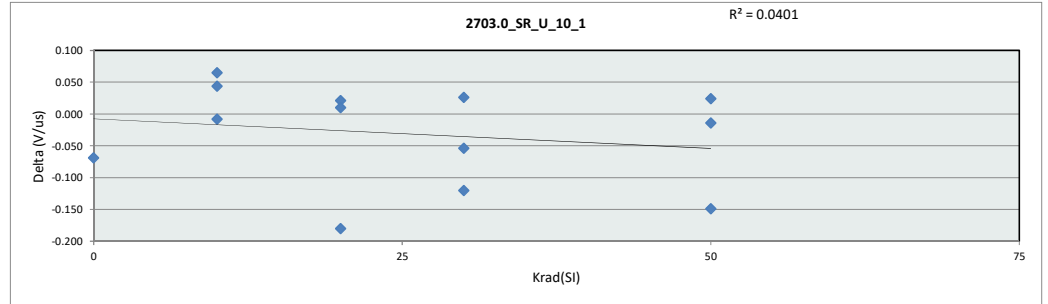


# HDR TID Report OPA4H014-SEP

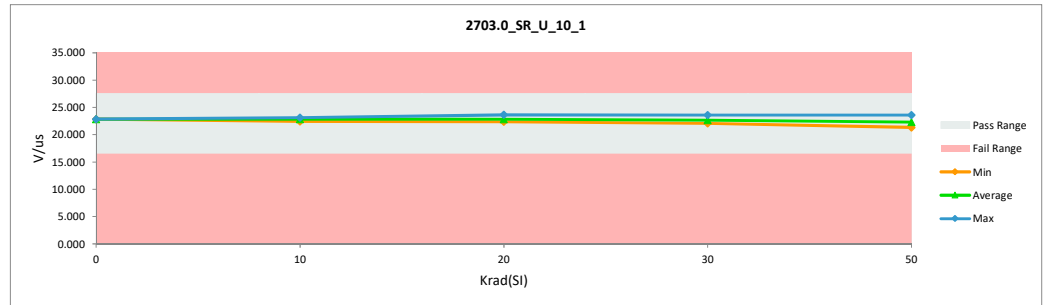
2703.0_SR_U_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	22.845	22.914	-0.069	-0.30%	0.63%
10	1	23.102	23.037	0.065	0.28%	0.59%
10	2	22.417	22.373	0.044	0.20%	0.40%
10	3	23.040	23.048	-0.008	-0.03%	0.07%
20	4	22.337	22.316	0.021	0.09%	0.19%
20	5	23.622	23.802	-0.180	-0.76%	1.64%
20	6	22.460	22.450	0.010	0.04%	0.09%
30	7	22.334	22.308	0.026	0.12%	0.24%
30	8	22.082	22.136	-0.054	-0.24%	0.49%
30	9	23.563	23.683	-0.120	-0.51%	1.09%
50	10	23.609	23.758	-0.149	-0.63%	1.35%
50	11	21.976	21.990	-0.014	-0.06%	0.13%
50	12	21.329	21.305	0.024	0.11%	0.22%
	Max	23.622	23.802	0.065	0.28%	1.64%
	Average	22.670	22.702	-0.031	-0.13%	0.55%
	Min	21.329	21.305	-0.180	-0.76%	0.07%
	Std Dev	0.701	0.754	0.078	0.33%	0.51%

TID Report



2703.0_SR_U_10_1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	27.5 V/us				
Min Limit	16.5 V/us				
krad(Si)	0	10	20	30	50
LL	16.500	16.500	16.500	16.500	16.500
Min	22.845	22.417	22.337	22.082	21.329
Average	22.845	22.853	22.806	22.660	22.305
Max	22.845	23.102	23.622	23.563	23.609
UL	27.500	27.500	27.500	27.500	27.500

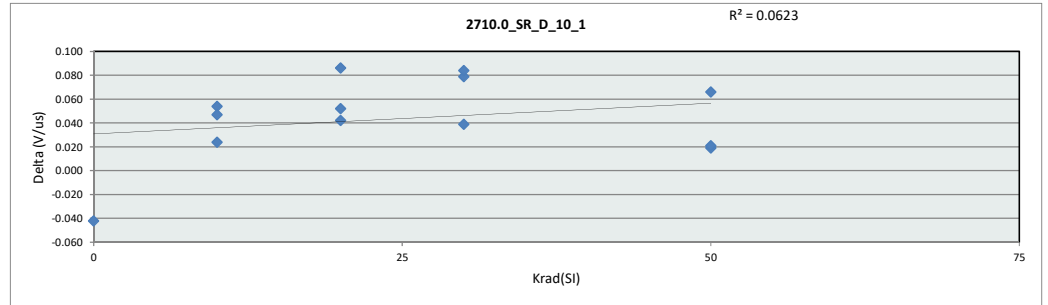


# HDR TID Report OPA4H014-SEP

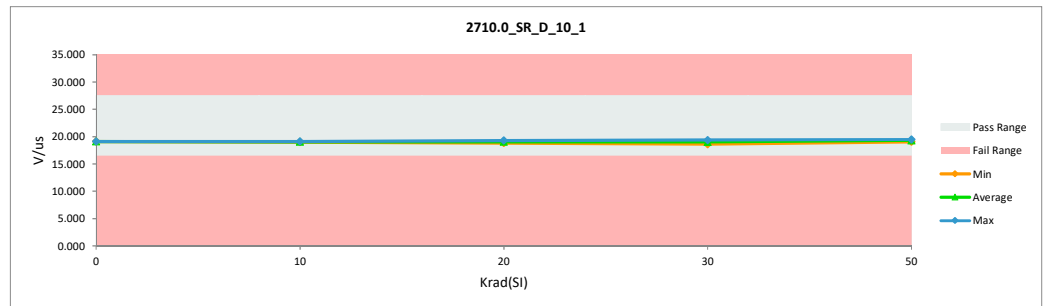
2710.0_SR_D_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	19.111	19.153	-0.042	-0.22%	0.38%
10	1	19.121	19.097	0.024	0.13%	0.22%
10	2	18.990	18.936	0.054	0.28%	0.49%
10	3	19.086	19.039	0.047	0.25%	0.43%
20	4	19.042	18.990	0.052	0.27%	0.47%
20	5	19.301	19.259	0.042	0.22%	0.38%
20	6	18.842	18.756	0.086	0.46%	0.78%
30	7	19.379	19.300	0.079	0.41%	0.72%
30	8	18.593	18.509	0.084	0.45%	0.76%
30	9	19.027	18.988	0.039	0.20%	0.35%
50	10	19.468	19.449	0.019	0.10%	0.17%
50	11	19.436	19.415	0.021	0.11%	0.19%
50	12	19.047	18.981	0.066	0.35%	0.60%
	Max	19.468	19.449	0.086	0.46%	0.78%
	Average	19.111	19.067	0.044	0.23%	0.46%
	Min	18.593	18.509	-0.042	-0.22%	0.17%
	Std Dev	0.244	0.260	0.034	0.18%	0.21%

TID Report



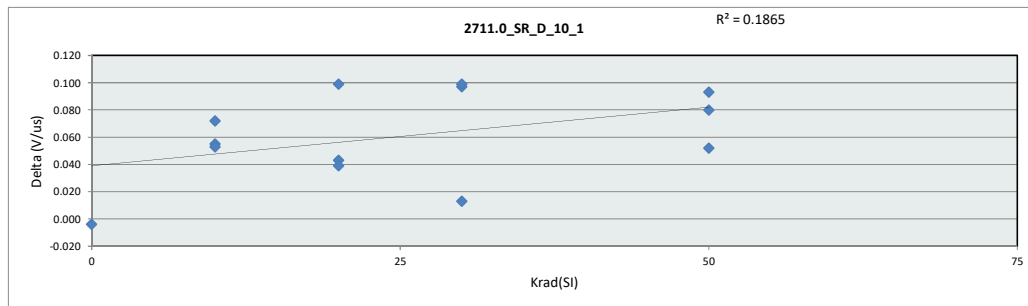
2710.0_SR_D_10_1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	27.5 V/us				
Min Limit	16.5 V/us				
krad(Si)	0	10	20	30	50
LL	16.500	16.500	16.500	16.500	16.500
Min	19.111	18.990	18.842	18.593	19.047
Average	19.111	19.066	19.062	19.000	19.317
Max	19.111	19.121	19.301	19.379	19.468
UL	27.500	27.500	27.500	27.500	27.500



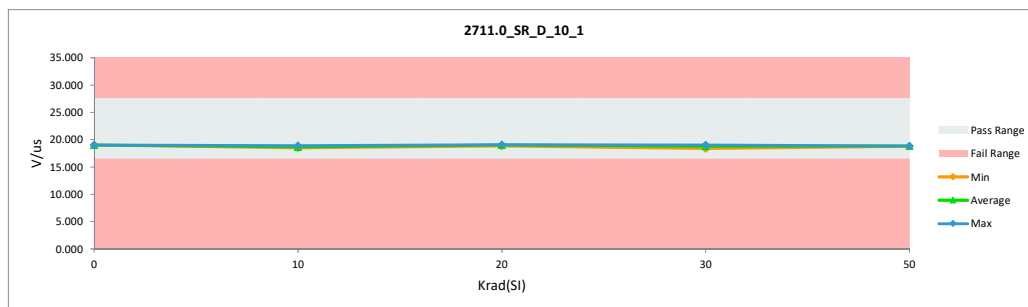
# HDR TID Report OPA4H014-SEP

2711.0_SR_D_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	18.995	18.999	-0.004	-0.02%	0.04%
10	1	18.500	18.445	0.055	0.30%	0.50%
10	2	18.650	18.578	0.072	0.39%	0.65%
10	3	18.895	18.842	0.053	0.28%	0.48%
20	4	19.030	18.987	0.043	0.23%	0.39%
20	5	19.092	19.053	0.039	0.20%	0.35%
20	6	18.857	18.758	0.099	0.53%	0.90%
30	7	19.020	19.007	0.013	0.07%	0.12%
30	8	18.371	18.274	0.097	0.53%	0.88%
30	9	18.897	18.798	0.099	0.52%	0.90%
50	10	18.796	18.744	0.052	0.28%	0.47%
50	11	18.841	18.761	0.080	0.42%	0.73%
50	12	18.821	18.728	0.093	0.49%	0.85%
	Max	19.092	19.053	0.099	0.53%	0.90%
	Average	18.828	18.767	0.061	0.32%	0.56%
	Min	18.371	18.274	-0.004	-0.02%	0.04%
	Std Dev	0.211	0.230	0.033	0.18%	0.29%



2711.0_SR_D_10_1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	27.5 V/us				
Min Limit	16.5 V/us				
krad(Si)	0	10	20	30	50
LL	16.500	16.500	16.500	16.500	16.500
Min	18.995	18.500	18.857	18.371	18.796
Average	18.995	18.682	18.993	18.763	18.819
Max	18.995	18.895	19.092	19.020	18.841
UL	27.500	27.500	27.500	27.500	27.500

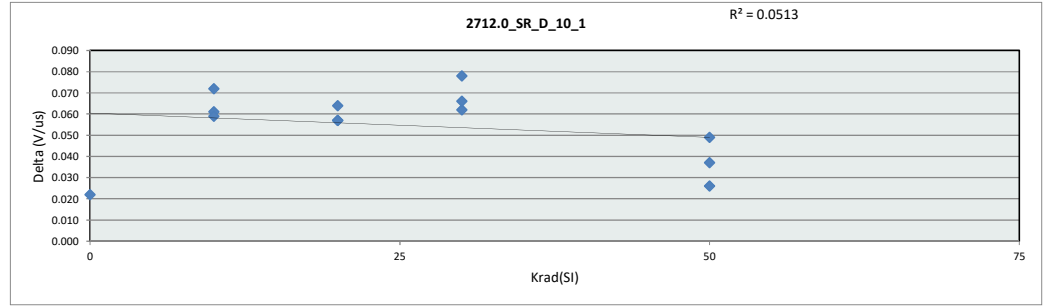


# HDR TID Report OPA4H014-SEP

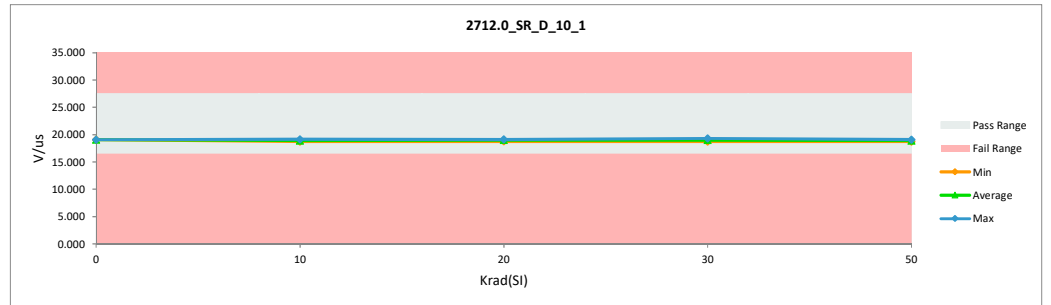
2712.0_SR_D_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	19.057	19.035	0.022	0.12%	0.20%
10	1	18.876	18.815	0.061	0.32%	0.55%
10	2	18.745	18.686	0.059	0.31%	0.54%
10	3	19.153	19.081	0.072	0.38%	0.65%
20	4	18.753	18.696	0.057	0.30%	0.52%
20	5	19.108	19.044	0.064	0.33%	0.58%
20	6	19.133	19.076	0.057	0.30%	0.52%
30	7	19.312	19.250	0.062	0.32%	0.56%
30	8	18.713	18.647	0.066	0.35%	0.60%
30	9	18.981	18.903	0.078	0.41%	0.71%
50	10	18.731	18.694	0.037	0.20%	0.34%
50	11	18.901	18.875	0.026	0.14%	0.24%
50	12	19.094	19.045	0.049	0.26%	0.45%
	Max	19.312	19.250	0.078	0.41%	0.71%
	Average	18.966	18.911	0.055	0.29%	0.50%
	Min	18.713	18.647	0.022	0.12%	0.20%
	Std Dev	0.194	0.193	0.017	0.09%	0.15%

TID Report



2712.0_SR_D_10_1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	27.5 V/us				
Min Limit	16.5 V/us				
krad(Si)	0	10	20	30	50
LL	16.500	16.500	16.500	16.500	16.500
Min	19.057	18.745	18.753	18.713	18.731
Average	19.057	18.925	18.998	19.002	18.909
Max	19.057	19.153	19.133	19.312	19.094
UL	27.500	27.500	27.500	27.500	27.500

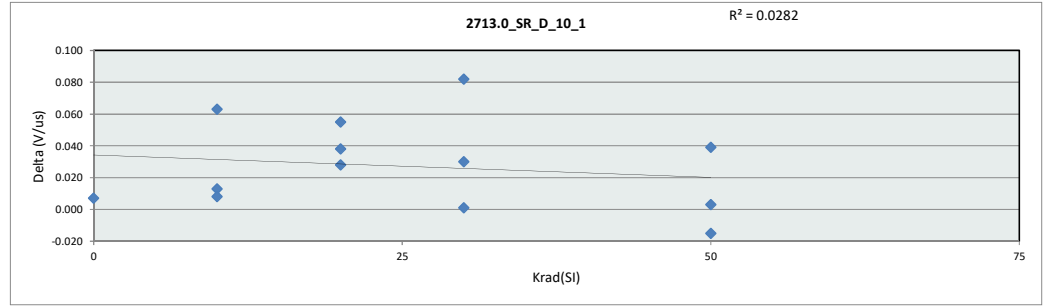


# HDR TID Report OPA4H014-SEP

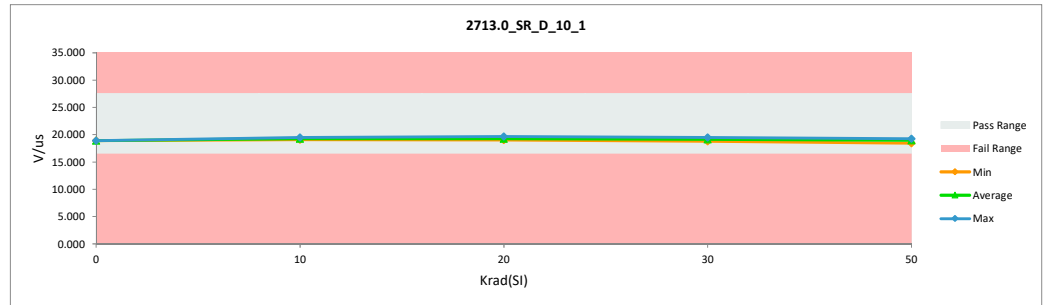
2713.0_SR_D_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	18.884	18.877	0.007	0.04%	0.06%
10	1	19.508	19.495	0.013	0.07%	0.12%
10	2	19.088	19.025	0.063	0.33%	0.57%
10	3	19.216	19.208	0.008	0.04%	0.07%
20	4	19.015	18.960	0.055	0.29%	0.50%
20	5	19.677	19.639	0.038	0.19%	0.35%
20	6	19.099	19.071	0.028	0.15%	0.25%
30	7	18.796	18.714	0.082	0.44%	0.75%
30	8	19.102	19.072	0.030	0.16%	0.27%
30	9	19.463	19.462	0.001	0.01%	0.01%
50	10	19.250	19.265	-0.015	-0.08%	0.14%
50	11	19.147	19.144	0.003	0.02%	0.03%
50	12	18.414	18.375	0.039	0.21%	0.35%
	Max	19.677	19.639	0.082	0.44%	0.75%
	Average	19.128	19.101	0.027	0.14%	0.27%
	Min	18.414	18.375	-0.015	-0.08%	0.01%
	Std Dev	0.326	0.338	0.028	0.15%	0.23%

TID Report



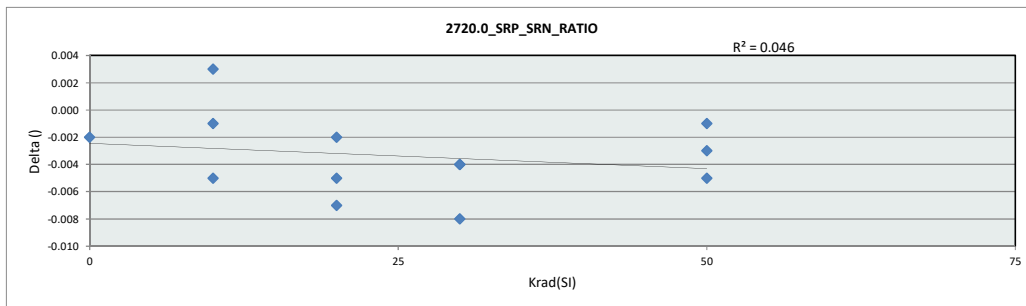
2713.0_SR_D_10_1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	27.5 V/us				
Min Limit	16.5 V/us				
krad(Si)	0	10	20	30	50
LL	16.500	16.500	16.500	16.500	16.500
Min	18.884	19.088	19.015	18.796	18.414
Average	18.884	19.271	19.264	19.120	18.937
Max	18.884	19.508	19.677	19.463	19.250
UL	27.500	27.500	27.500	27.500	27.500



# HDR TID Report OPA4H014-SEP

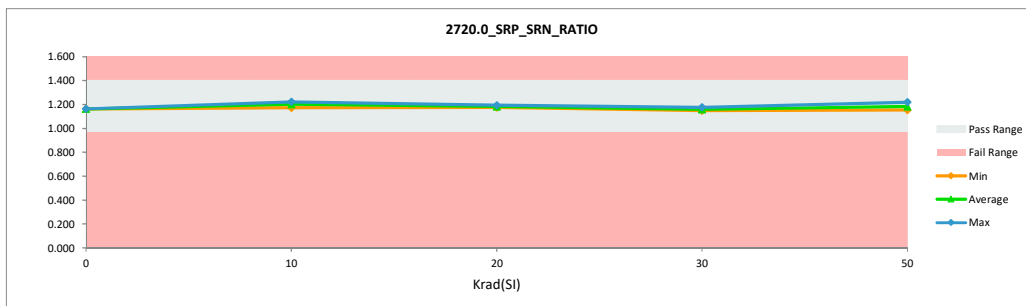
2720.0_SRP_SRN_RATIO		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit		
Max Limit	1.4	1.4
Min Limit	0.97	0.97

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.164	1.166	-0.002	-0.17%	0.47%
10	1	1.173	1.170	0.003	0.26%	0.70%
10	2	1.207	1.208	-0.001	-0.08%	0.23%
10	3	1.222	1.227	-0.005	-0.41%	1.16%
20	4	1.181	1.183	-0.002	-0.17%	0.47%
20	5	1.174	1.181	-0.007	-0.60%	1.63%
20	6	1.194	1.199	-0.005	-0.42%	1.16%
30	7	1.147	1.151	-0.004	-0.35%	0.93%
30	8	1.150	1.158	-0.008	-0.70%	1.86%
30	9	1.177	1.181	-0.004	-0.34%	0.93%
50	10	1.154	1.157	-0.003	-0.26%	0.70%
50	11	1.179	1.180	-0.001	-0.08%	0.23%
50	12	1.219	1.224	-0.005	-0.41%	1.16%
	Max	1.222	1.227	0.003	0.26%	1.86%
	Average	1.180	1.183	-0.003	-0.29%	0.89%
	Min	1.147	1.151	-0.008	-0.70%	0.23%
	Std Dev	0.025	0.025	0.003	0.25%	0.50%



2720.0_SRP_SRN_RATIO					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	1.4				
Min Limit	0.97				

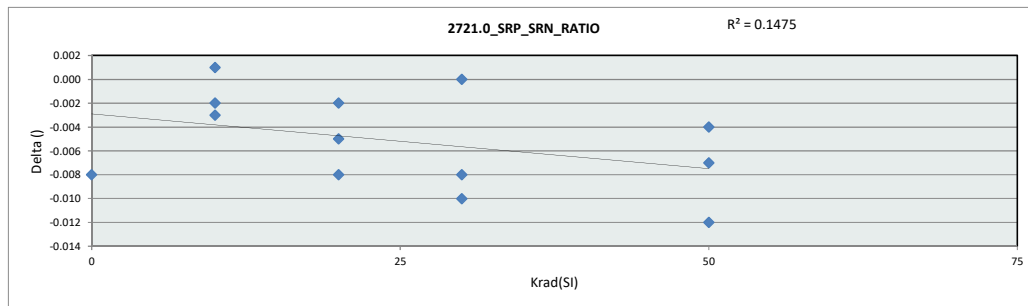
krad(Si)	0	10	20	30	50
LL	0.970	0.970	0.970	0.970	0.970
Min	1.164	1.173	1.174	1.147	1.154
Average	1.164	1.201	1.183	1.158	1.184
Max	1.164	1.222	1.194	1.177	1.219
UL	1.400	1.400	1.400	1.400	1.400



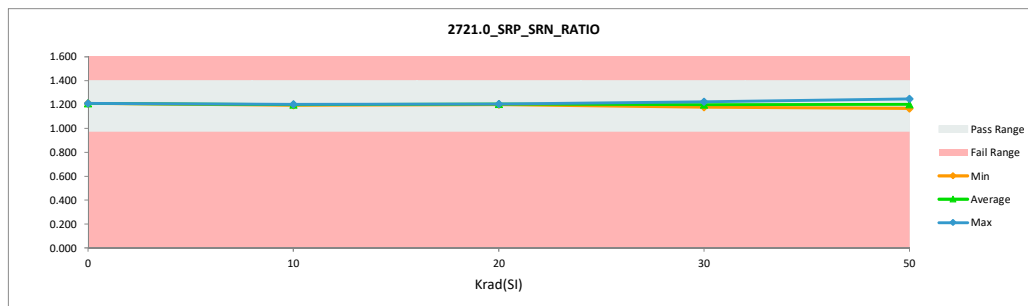
# HDR TID Report OPA4H014-SEP

2721.0_SRP_SRN_RATIO		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit		
Max Limit	1.4	1.4
Min Limit	0.97	0.97

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.210	1.218	-0.008	-0.66%	1.86%
10	1	1.202	1.201	0.001	0.08%	0.23%
10	2	1.193	1.195	-0.002	-0.17%	0.47%
10	3	1.202	1.205	-0.003	-0.25%	0.70%
20	4	1.199	1.201	-0.002	-0.17%	0.47%
20	5	1.205	1.213	-0.008	-0.66%	1.86%
20	6	1.205	1.210	-0.005	-0.41%	1.16%
30	7	1.178	1.178	0.000	0.00%	0.00%
30	8	1.193	1.201	-0.008	-0.67%	1.86%
30	9	1.223	1.233	-0.010	-0.82%	2.33%
50	10	1.168	1.175	-0.007	-0.60%	1.63%
50	11	1.186	1.190	-0.004	-0.34%	0.93%
50	12	1.247	1.259	-0.012	-0.96%	2.79%
	Max	1.247	1.259	0.001	0.08%	2.79%
	Average	1.201	1.206	-0.005	-0.43%	1.25%
	Min	1.168	1.175	-0.012	-0.96%	0.00%
	Std Dev	0.020	0.022	0.004	0.32%	0.87%



2721.0_SRP_SRN_RATIO					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	1.4				
Min Limit	0.97				
krad(Si)	0	10	20	30	50
LL	0.970	0.970	0.970	0.970	0.970
Min	1.210	1.193	1.199	1.178	1.168
Average	1.210	1.199	1.203	1.198	1.200
Max	1.210	1.202	1.205	1.223	1.247
UL	1.400	1.400	1.400	1.400	1.400



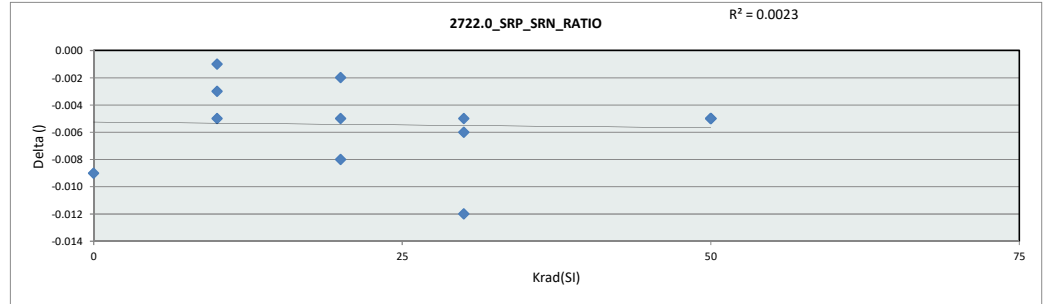


# HDR TID Report OPA4H014-SEP

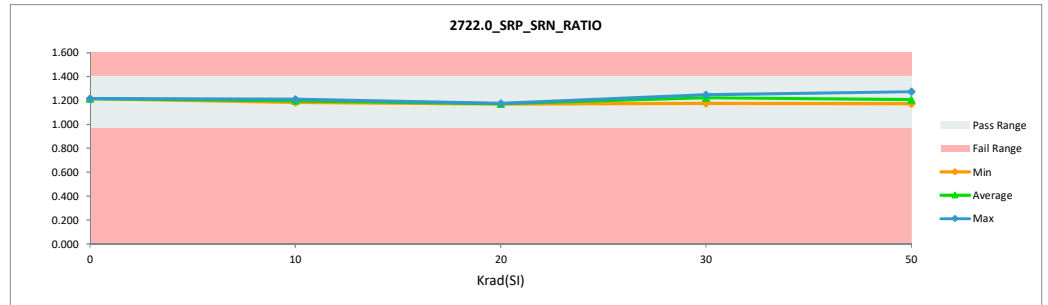
2722.0_SRP_SRN_RATIO		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit		
Max Limit	1.4	1.4
Min Limit	0.97	0.97

Krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.216	1.225	-0.009	-0.74%	2.09%
10	1	1.184	1.187	-0.003	-0.25%	0.70%
10	2	1.200	1.201	-0.001	-0.08%	0.23%
10	3	1.210	1.215	-0.005	-0.41%	1.16%
20	4	1.172	1.174	-0.002	-0.17%	0.47%
20	5	1.171	1.179	-0.008	-0.68%	1.86%
20	6	1.176	1.181	-0.005	-0.43%	1.16%
30	7	1.247	1.252	-0.005	-0.40%	1.16%
30	8	1.176	1.182	-0.006	-0.51%	1.40%
30	9	1.247	1.259	-0.012	-0.96%	2.79%
50	10	1.172	1.177	-0.005	-0.43%	1.16%
50	11	1.178	1.183	-0.005	-0.42%	1.16%
50	12	1.273	1.278	-0.005	-0.39%	1.16%
	Max	1.273	1.278	-0.001	-0.08%	2.79%
	Average	1.202	1.207	-0.005	-0.45%	1.27%
	Min	1.171	1.174	-0.012	-0.96%	0.23%
	Std Dev	0.035	0.036	0.003	0.24%	0.68%

TID Report



2722.0_SRP_SRN_RATIO					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	1.4				
Min Limit	0.97				
Krad(Si)	0	10	20	30	50
LL	0.970	0.970	0.970	0.970	0.970
Min	1.216	1.184	1.171	1.176	1.172
Average	1.216	1.198	1.173	1.223	1.208
Max	1.216	1.210	1.176	1.247	1.273
UL	1.400	1.400	1.400	1.400	1.400

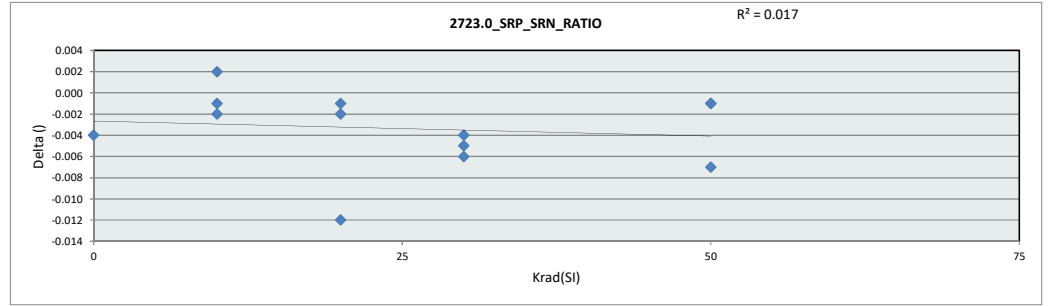


# HDR TID Report OPA4H014-SEP

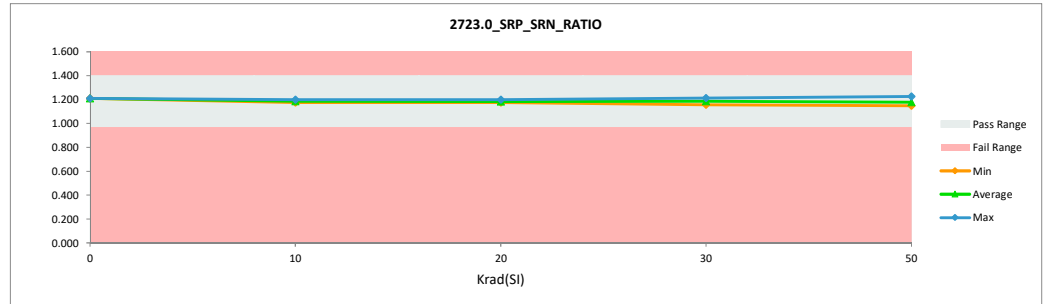
2723.0_SRP_SRN_RATIO		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit		
Max Limit	1.4	1.4
Min Limit	0.97	0.97

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.210	1.214	-0.004	-0.33%	0.93%
10	1	1.184	1.182	0.002	0.17%	0.47%
10	2	1.174	1.176	-0.002	-0.17%	0.47%
10	3	1.199	1.200	-0.001	-0.08%	0.23%
20	4	1.175	1.177	-0.002	-0.17%	0.47%
20	5	1.200	1.212	-0.012	-1.00%	2.79%
20	6	1.176	1.177	-0.001	-0.09%	0.23%
30	7	1.188	1.192	-0.004	-0.34%	0.93%
30	8	1.156	1.161	-0.005	-0.43%	1.16%
30	9	1.211	1.217	-0.006	-0.50%	1.40%
50	10	1.226	1.233	-0.007	-0.57%	1.63%
50	11	1.148	1.149	-0.001	-0.09%	0.23%
50	12	1.158	1.159	-0.001	-0.09%	0.23%
	Max	1.226	1.233	0.002	0.17%	2.79%
	Average	1.185	1.188	-0.003	-0.28%	0.86%
	Min	1.148	1.149	-0.012	-1.00%	0.23%
	Std Dev	0.024	0.025	0.004	0.30%	0.75%

TID Report



2723.0_SRP_SRN_RATIO					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	1.4				
Min Limit	0.97				
krad(Si)	0	10	20	30	50
LL	0.970	0.970	0.970	0.970	0.970
Min	1.210	1.174	1.175	1.156	1.148
Average	1.210	1.186	1.184	1.185	1.177
Max	1.210	1.199	1.200	1.211	1.226
UL	1.400	1.400	1.400	1.400	1.400

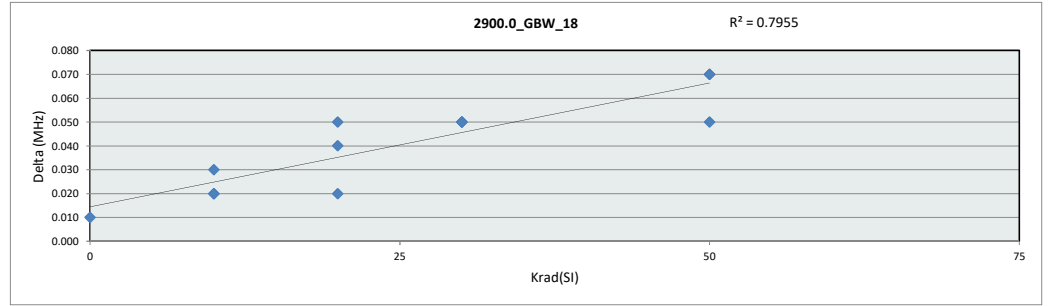


# HDR TID Report OPA4H014-SEP

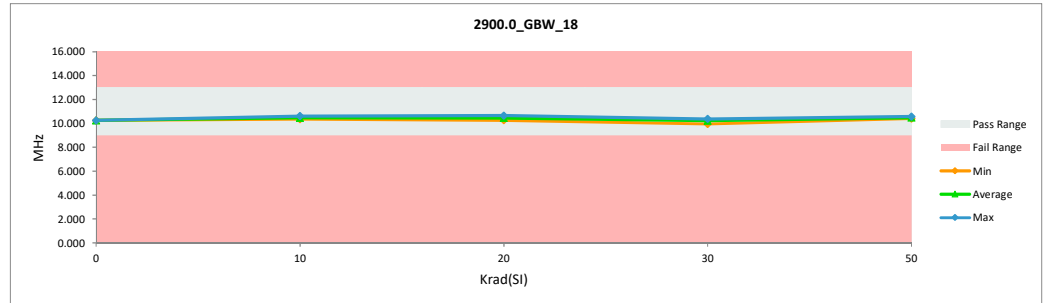
2900.0_GBW_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	MHz	MHz
Max Limit	13	13
Min Limit	9	9

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	10.260	10.250	0.010	0.10%	0.25%
10	1	10.360	10.340	0.020	0.19%	0.50%
10	2	10.450	10.430	0.020	0.19%	0.50%
10	3	10.610	10.580	0.030	0.28%	0.75%
20	4	10.430	10.410	0.020	0.19%	0.50%
20	5	10.660	10.620	0.040	0.38%	1.00%
20	6	10.270	10.220	0.050	0.49%	1.25%
30	7	10.370	10.320	0.050	0.48%	1.25%
30	8	9.960	9.910	0.050	0.50%	1.25%
30	9	10.340	10.290	0.050	0.48%	1.25%
50	10	10.400	10.350	0.050	0.48%	1.25%
50	11	10.460	10.390	0.070	0.67%	1.75%
50	12	10.570	10.500	0.070	0.66%	1.75%
	Max	10.660	10.620	0.070	0.67%	1.75%
	Average	10.395	10.355	0.041	0.39%	1.02%
	Min	9.960	9.910	0.010	0.10%	0.25%
	Std Dev	0.179	0.179	0.019	0.19%	0.48%

TID Report



2900.0_GBW_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	13	MHz			
Min Limit	9	MHz			
krad(Si)	0	10	20	30	50
LL	9.000	9.000	9.000	9.000	9.000
Min	10.260	10.360	10.270	9.960	10.400
Average	10.260	10.473	10.453	10.223	10.477
Max	10.260	10.610	10.660	10.370	10.570
UL	13.000	13.000	13.000	13.000	13.000

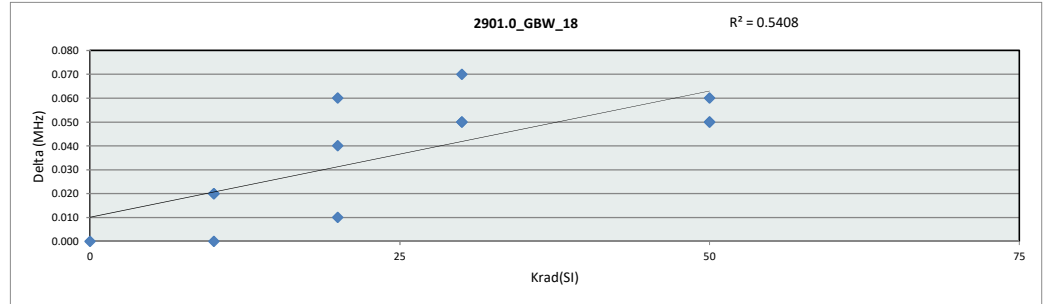


# HDR TID Report OPA4H014-SEP

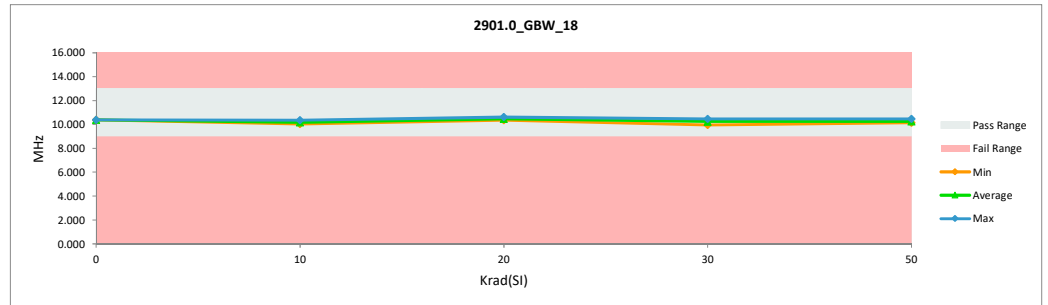
2901.0_GBW_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	MHz	MHz
Max Limit	13	13
Min Limit	9	9

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	10.380	10.380	0.000	0.00%	0.00%
10	1	10.040	10.040	0.000	0.00%	0.00%
10	2	10.110	10.090	0.020	0.20%	0.50%
10	3	10.350	10.330	0.020	0.19%	0.50%
20	4	10.390	10.380	0.010	0.10%	0.25%
20	5	10.610	10.550	0.060	0.57%	1.50%
20	6	10.360	10.320	0.040	0.39%	1.00%
30	7	10.280	10.230	0.050	0.49%	1.25%
30	8	9.960	9.890	0.070	0.70%	1.75%
30	9	10.460	10.410	0.050	0.48%	1.25%
50	10	10.130	10.080	0.050	0.49%	1.25%
50	11	10.170	10.120	0.050	0.49%	1.25%
50	12	10.470	10.410	0.060	0.57%	1.50%
	Max	10.610	10.550	0.070	0.70%	1.75%
	Average	10.285	10.248	0.037	0.36%	0.92%
	Min	9.960	9.890	0.000	0.00%	0.00%
	Std Dev	0.190	0.190	0.024	0.23%	0.60%

TID Report



2901.0_GBW_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	13	MHz			
Min Limit	9	MHz			
krad(Si)	0	10	20	30	50
LL	9.000	9.000	9.000	9.000	9.000
Min	10.380	10.040	10.360	9.960	10.130
Average	10.380	10.167	10.453	10.233	10.257
Max	10.380	10.350	10.610	10.460	10.470
UL	13.000	13.000	13.000	13.000	13.000

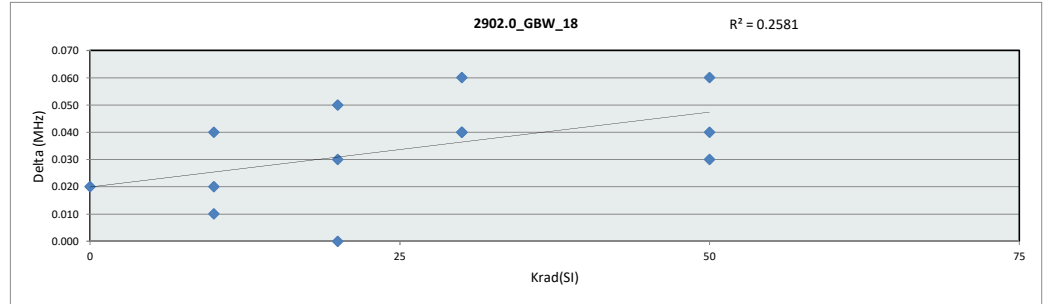


# HDR TID Report OPA4H014-SEP

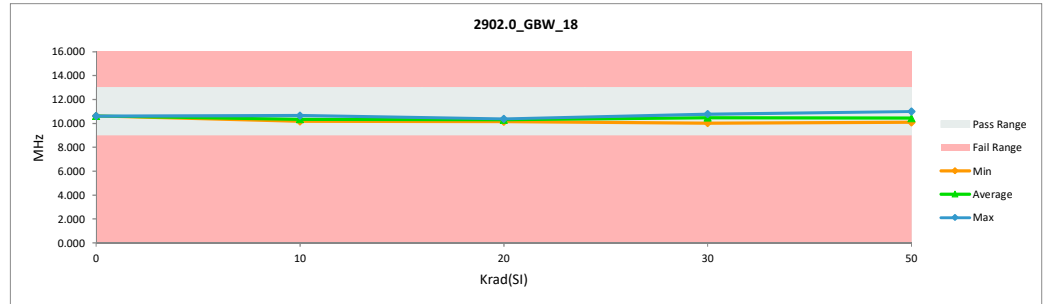
2902.0_GBW_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	MHz	MHz
Max Limit	13	13
Min Limit	9	9

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	10.620	10.600	0.020	0.19%	0.50%
10	1	10.170	10.160	0.010	0.10%	0.25%
10	2	10.230	10.210	0.020	0.20%	0.50%
10	3	10.650	10.610	0.040	0.38%	1.00%
20	4	10.150	10.150	0.000	0.00%	0.00%
20	5	10.350	10.300	0.050	0.48%	1.25%
20	6	10.380	10.350	0.030	0.29%	0.75%
30	7	10.770	10.730	0.040	0.37%	1.00%
30	8	10.020	9.960	0.060	0.60%	1.50%
30	9	10.660	10.620	0.040	0.38%	1.00%
50	10	10.090	10.030	0.060	0.59%	1.50%
50	11	10.260	10.230	0.030	0.29%	0.75%
50	12	10.990	10.950	0.040	0.36%	1.00%
	Max	10.990	10.950	0.060	0.60%	1.50%
	Average	10.411	10.377	0.034	0.33%	0.85%
	Min	10.020	9.960	0.000	0.00%	0.00%
	Std Dev	0.299	0.298	0.018	0.18%	0.45%

TID Report



2902.0_GBW_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	13	MHz			
Min Limit	9	MHz			
krad(Si)	0	10	20	30	50
LL	9.000	9.000	9.000	9.000	9.000
Min	10.620	10.170	10.150	10.020	10.090
Average	10.620	10.350	10.293	10.483	10.447
Max	10.620	10.650	10.380	10.770	10.990
UL	13.000	13.000	13.000	13.000	13.000

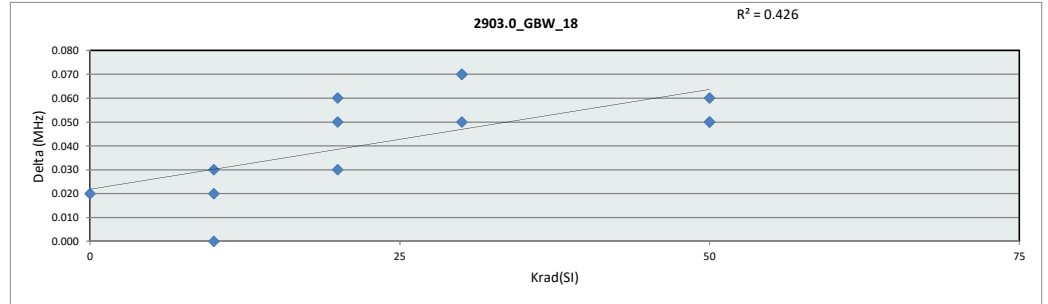


# HDR TID Report OPA4H014-SEP

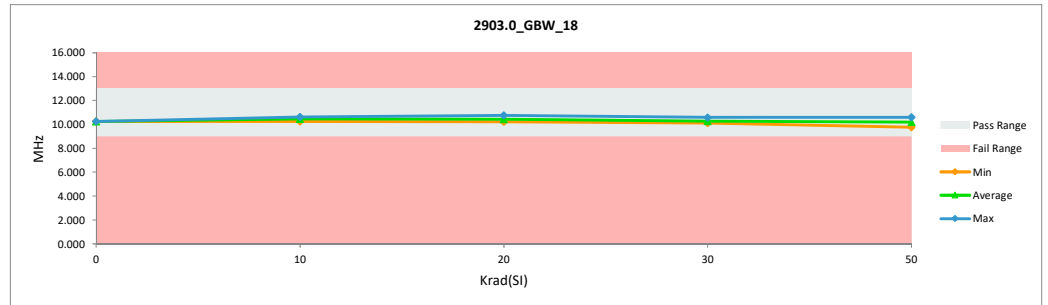
2903.0_GBW_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	MHz	MHz
Max Limit	13	13
Min Limit	9	9

Krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	10.240	10.220	0.020	0.20%	0.50%
10	1	10.620	10.620	0.000	0.00%	0.00%
10	2	10.250	10.220	0.030	0.29%	0.75%
10	3	10.500	10.480	0.020	0.19%	0.50%
20	4	10.230	10.200	0.030	0.29%	0.75%
20	5	10.750	10.700	0.050	0.47%	1.25%
20	6	10.300	10.240	0.060	0.58%	1.50%
30	7	10.110	10.060	0.050	0.49%	1.25%
30	8	10.150	10.080	0.070	0.69%	1.75%
30	9	10.580	10.510	0.070	0.66%	1.75%
50	10	10.600	10.550	0.050	0.47%	1.25%
50	11	10.230	10.170	0.060	0.59%	1.50%
50	12	9.760	9.710	0.050	0.51%	1.25%
	Max	10.750	10.700	0.070	0.69%	1.75%
	Average	10.332	10.289	0.043	0.42%	1.08%
	Min	9.760	9.710	0.000	0.00%	0.00%
	Std Dev	0.269	0.273	0.021	0.21%	0.53%

TID Report



2903.0_GBW_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	13	MHz			
Min Limit	9	MHz			
Krad(Si)	0	10	20	30	50
LL	9.000	9.000	9.000	9.000	9.000
Min	10.240	10.250	10.230	10.110	9.760
Average	10.240	10.457	10.427	10.280	10.197
Max	10.240	10.620	10.750	10.580	10.600
UL	13.000	13.000	13.000	13.000	13.000

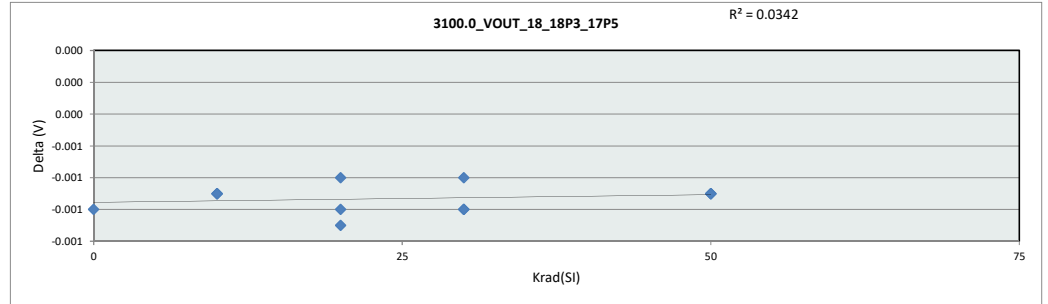


# HDR TID Report OPA4H014-SEP

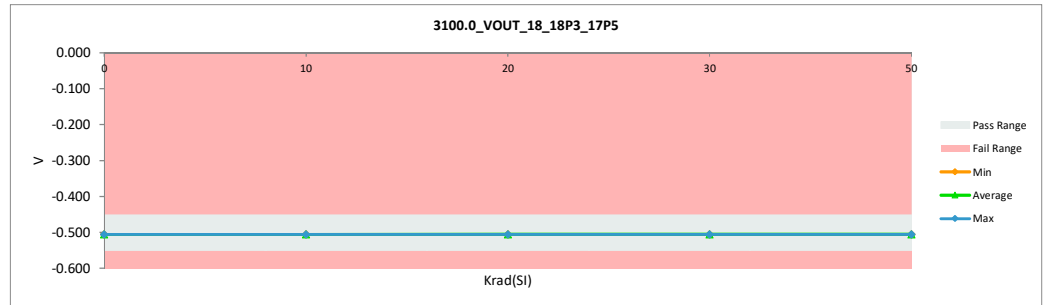
3100.0_VOUT_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.45	-0.45
Min Limit	-0.55	-0.55

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.506	-0.505	-0.001	0.20%	1.00%
10	1	-0.506	-0.505	-0.001	0.18%	0.90%
10	2	-0.506	-0.505	-0.001	0.18%	0.90%
10	3	-0.506	-0.505	-0.001	0.18%	0.90%
20	4	-0.506	-0.505	-0.001	0.20%	1.00%
20	5	-0.506	-0.505	-0.001	0.16%	0.80%
20	6	-0.506	-0.504	-0.001	0.22%	1.10%
30	7	-0.506	-0.505	-0.001	0.16%	0.80%
30	8	-0.506	-0.505	-0.001	0.20%	1.00%
30	9	-0.506	-0.505	-0.001	0.20%	1.00%
50	10	-0.506	-0.505	-0.001	0.18%	0.90%
50	11	-0.506	-0.505	-0.001	0.18%	0.90%
50	12	-0.506	-0.505	-0.001	0.18%	0.90%
	Max	-0.506	-0.504	-0.001	0.22%	1.10%
	Average	-0.506	-0.505	-0.001	0.18%	0.93%
	Min	-0.506	-0.505	-0.001	0.16%	0.80%
	Std Dev	0.000	0.000	0.000	0.02%	0.09%

TID Report



3100.0_VOUT_18_18P3_17P5					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.45 V				
Min Limit	-0.55 V				
krad(Si)	0	10	20	30	50
LL	-0.550	-0.550	-0.550	-0.550	-0.550
Min	-0.506	-0.506	-0.506	-0.506	-0.506
Average	-0.506	-0.506	-0.506	-0.506	-0.506
Max	-0.506	-0.506	-0.506	-0.506	-0.506
UL	-0.450	-0.450	-0.450	-0.450	-0.450

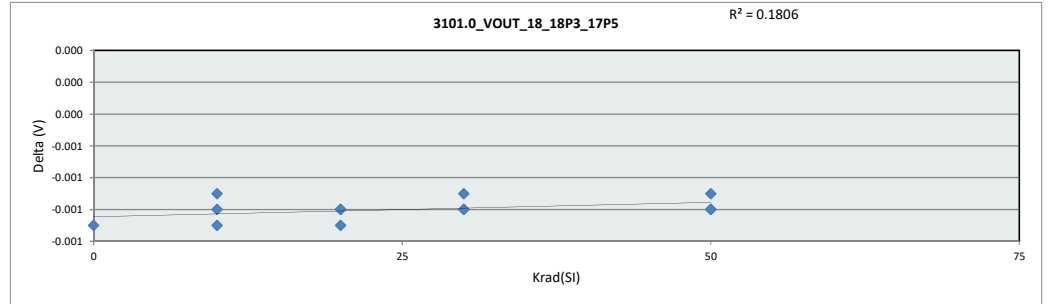


# HDR TID Report OPA4H014-SEP

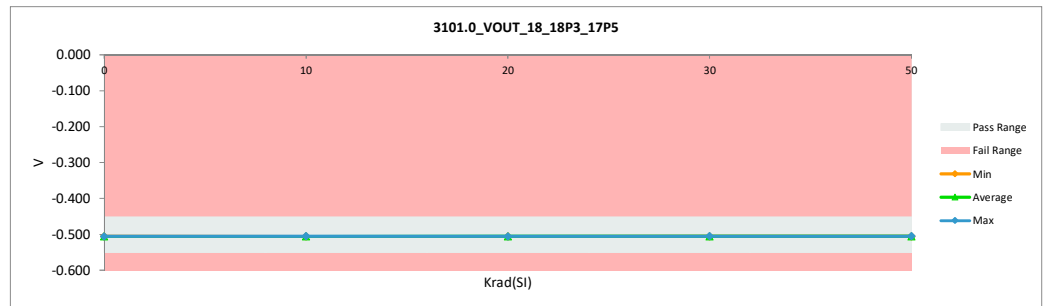
3101.0_VOUT_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.45	-0.45
Min Limit	-0.55	-0.55

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.505	-0.504	-0.001	0.22%	1.10%
10	1	-0.505	-0.504	-0.001	0.18%	0.90%
10	2	-0.506	-0.504	-0.001	0.22%	1.10%
10	3	-0.505	-0.504	-0.001	0.20%	1.00%
20	4	-0.506	-0.504	-0.001	0.22%	1.10%
20	5	-0.505	-0.504	-0.001	0.20%	1.00%
20	6	-0.505	-0.504	-0.001	0.20%	1.00%
30	7	-0.505	-0.504	-0.001	0.18%	0.90%
30	8	-0.505	-0.504	-0.001	0.20%	1.00%
30	9	-0.505	-0.504	-0.001	0.20%	1.00%
50	10	-0.505	-0.504	-0.001	0.20%	1.00%
50	11	-0.505	-0.504	-0.001	0.20%	1.00%
50	12	-0.505	-0.504	-0.001	0.18%	0.90%
Max		-0.505	-0.504	-0.001	0.22%	1.10%
Average		-0.505	-0.504	-0.001	0.20%	1.00%
Min		-0.506	-0.504	-0.001	0.18%	0.90%
Std Dev		0.000	0.000	0.000	0.01%	0.07%

TID Report



3101.0_VOUT_18_18P3_17P5					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.45 V				
Min Limit	-0.55 V				
krad(Si)	0	10	20	30	50
LL	-0.550	-0.550	-0.550	-0.550	-0.550
Min	-0.505	-0.506	-0.506	-0.505	-0.505
Average	-0.505	-0.505	-0.505	-0.505	-0.505
Max	-0.505	-0.505	-0.505	-0.505	-0.505
UL	-0.450	-0.450	-0.450	-0.450	-0.450



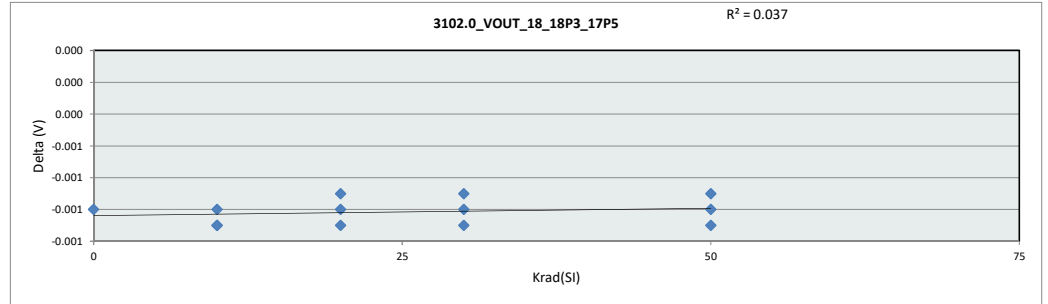


# HDR TID Report OPA4H014-SEP

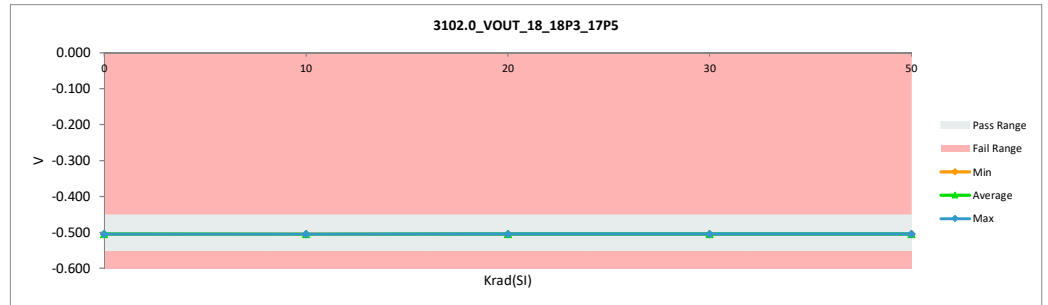
3102.0_VOUT_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.45	-0.45
Min Limit	-0.55	-0.55

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.505	-0.504	-0.001	0.20%	1.00%
10	1	-0.505	-0.503	-0.001	0.22%	1.10%
10	2	-0.505	-0.504	-0.001	0.22%	1.10%
10	3	-0.505	-0.504	-0.001	0.20%	1.00%
20	4	-0.505	-0.504	-0.001	0.20%	1.00%
20	5	-0.504	-0.504	-0.001	0.18%	0.90%
20	6	-0.505	-0.503	-0.001	0.22%	1.10%
30	7	-0.505	-0.504	-0.001	0.20%	1.00%
30	8	-0.505	-0.503	-0.001	0.22%	1.10%
30	9	-0.504	-0.504	-0.001	0.18%	0.90%
50	10	-0.505	-0.503	-0.001	0.22%	1.10%
50	11	-0.505	-0.504	-0.001	0.20%	1.00%
50	12	-0.504	-0.504	-0.001	0.18%	0.90%
Max		-0.504	-0.503	-0.001	0.22%	1.10%
Average		-0.505	-0.504	-0.001	0.20%	1.02%
Min		-0.505	-0.504	-0.001	0.18%	0.90%
Std Dev		0.000	0.000	0.000	0.02%	0.08%

TID Report



3102.0_VOUT_18_18P3_17P5					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.45 V				
Min Limit	-0.55 V				
krad(Si)	0	10	20	30	50
LL	-0.550	-0.550	-0.550	-0.550	-0.550
Min	-0.505	-0.505	-0.505	-0.505	-0.505
Average	-0.505	-0.505	-0.505	-0.505	-0.505
Max	-0.505	-0.505	-0.504	-0.504	-0.504
UL	-0.450	-0.450	-0.450	-0.450	-0.450

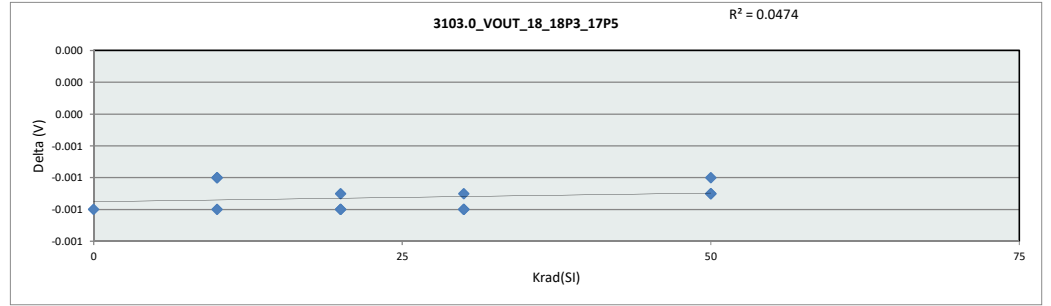


# HDR TID Report OPA4H014-SEP

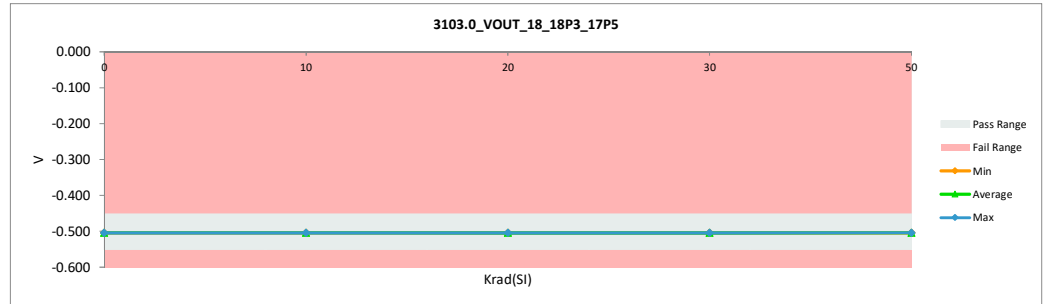
3103.0_VOUT_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.45	-0.45
Min Limit	-0.55	-0.55

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.504	-0.503	-0.001	0.20%	1.00%
10	1	-0.504	-0.503	-0.001	0.16%	0.80%
10	2	-0.504	-0.503	-0.001	0.16%	0.80%
10	3	-0.504	-0.503	-0.001	0.20%	1.00%
20	4	-0.504	-0.503	-0.001	0.18%	0.90%
20	5	-0.504	-0.503	-0.001	0.20%	1.00%
20	6	-0.504	-0.503	-0.001	0.20%	1.00%
30	7	-0.504	-0.503	-0.001	0.20%	1.00%
30	8	-0.504	-0.503	-0.001	0.18%	0.90%
30	9	-0.504	-0.503	-0.001	0.20%	1.00%
50	10	-0.504	-0.503	-0.001	0.16%	0.80%
50	11	-0.504	-0.503	-0.001	0.18%	0.90%
50	12	-0.504	-0.503	-0.001	0.18%	0.90%
	Max	-0.504	-0.503	-0.001	0.20%	1.00%
	Average	-0.504	-0.503	-0.001	0.18%	0.92%
	Min	-0.504	-0.503	-0.001	0.16%	0.80%
	Std Dev	0.000	0.000	0.000	0.02%	0.08%

TID Report



3103.0_VOUT_18_18P3_17P5					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-0.45 V				
Min Limit	-0.55 V				
krad(Si)	0	10	20	30	50
LL	-0.550	-0.550	-0.550	-0.550	-0.550
Min	-0.504	-0.504	-0.504	-0.504	-0.504
Average	-0.504	-0.504	-0.504	-0.504	-0.504
Max	-0.504	-0.504	-0.504	-0.504	-0.504
UL	-0.450	-0.450	-0.450	-0.450	-0.450

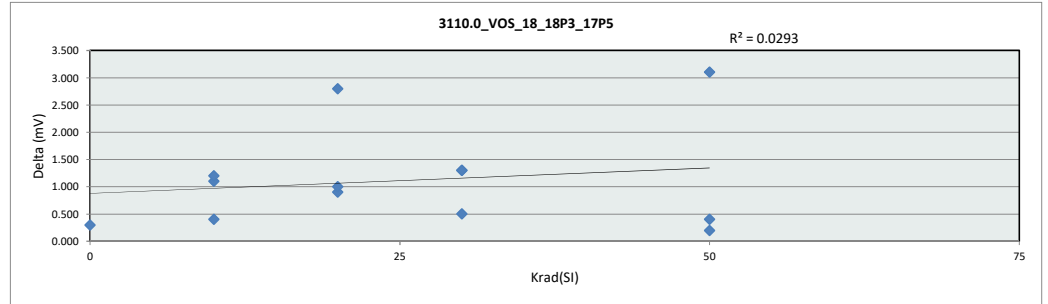


# HDR TID Report OPA4H014-SEP

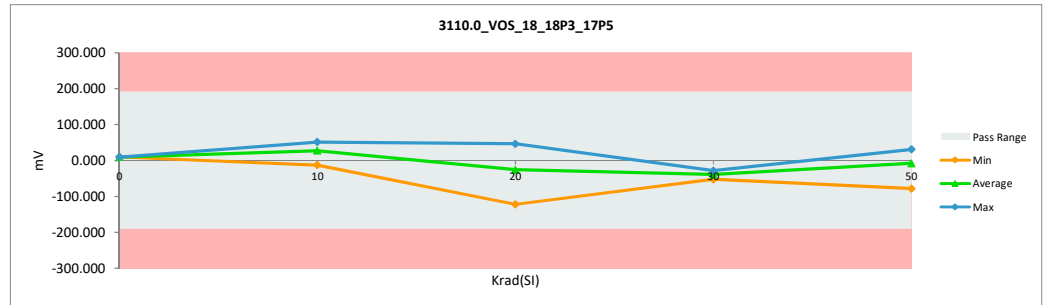
3110.0_VOS_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mV	mV
Max Limit	190	190
Min Limit	-190	-190

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	9.700	9.400	0.300	3.09%	0.08%
10	1	-12.600	-13.700	1.100	-8.73%	0.29%
10	2	43.500	42.300	1.200	2.76%	0.32%
10	3	51.500	51.100	0.400	0.78%	0.11%
20	4	-1.700	-2.600	0.900	-52.94%	0.24%
20	5	-122.000	-123.000	1.000	-0.82%	0.26%
20	6	47.000	44.200	2.800	5.96%	0.74%
30	7	-35.700	-37.000	1.300	-3.64%	0.34%
30	8	-52.300	-52.800	0.500	-0.96%	0.13%
30	9	-27.900	-29.200	1.300	-4.66%	0.34%
50	10	-77.900	-78.100	0.200	-0.26%	0.05%
50	11	23.200	20.100	3.100	13.36%	0.82%
50	12	31.300	30.900	0.400	1.28%	0.11%
	Max	51.500	51.100	3.100	13.36%	0.82%
	Average	-9.531	-10.646	1.115	-3.44%	0.29%
	Min	-122.000	-123.000	0.200	-52.94%	0.05%
	Std Dev	52.509	52.250	0.904	15.80%	0.24%

TID Report



3110.0_VOS_18_18P3_17P5					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	190	mV			
Min Limit	-190	mV			
krad(Si)	0	10	20	30	50
LL	-190.000	-190.000	-190.000	-190.000	-190.000
Min	9.700	-12.600	-122.000	-52.300	-77.900
Average	9.700	27.467	-25.567	-38.633	-7.800
Max	9.700	51.500	47.000	-27.900	31.300
UL	190.000	190.000	190.000	190.000	190.000

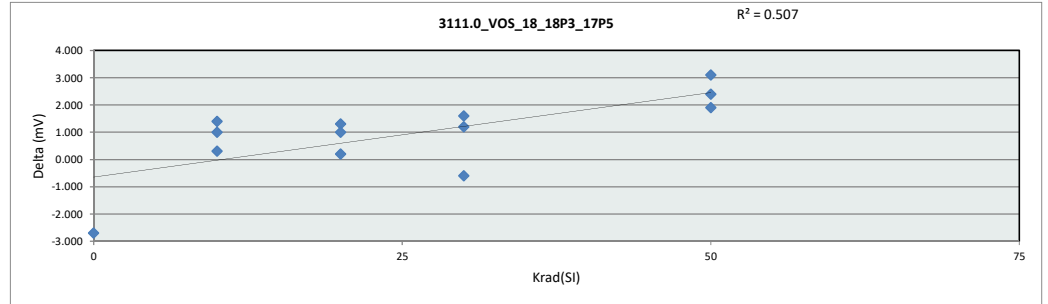


# HDR TID Report OPA4H014-SEP

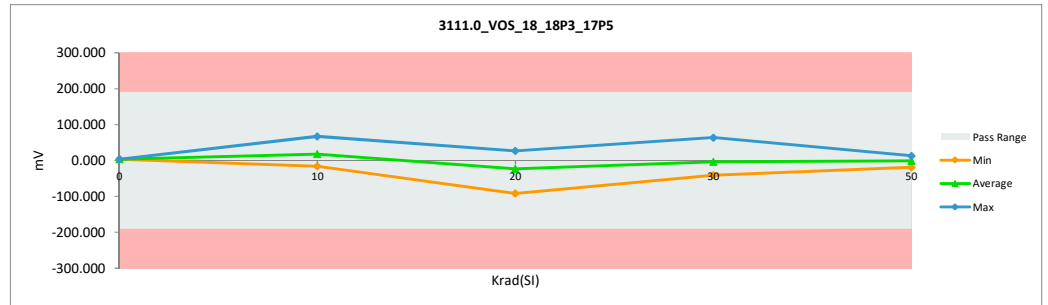
3111.0_VOS_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mV	mV
Max Limit	190	190
Min Limit	-190	-190

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	3.900	6.600	-2.700	-69.23%	0.71%
10	1	67.400	67.100	0.300	0.45%	0.08%
10	2	3.100	2.100	1.000	32.26%	0.26%
10	3	-15.900	-17.300	1.400	-8.81%	0.37%
20	4	26.600	26.400	0.200	0.75%	0.05%
20	5	-91.400	-92.700	1.300	-1.42%	0.34%
20	6	-3.300	-4.300	1.000	-30.30%	0.26%
30	7	-40.500	-39.900	-0.600	1.48%	0.16%
30	8	-33.900	-35.100	1.200	-3.54%	0.32%
30	9	63.900	62.300	1.600	2.50%	0.42%
50	10	-18.800	-21.900	3.100	-16.49%	0.82%
50	11	3.700	1.300	2.400	64.86%	0.63%
50	12	13.100	11.200	1.900	14.50%	0.50%
	Max	67.400	67.100	3.100	64.86%	0.82%
	Average	-1.700	-2.631	0.931	-1.00%	0.38%
	Min	-91.400	-92.700	-2.700	-69.23%	0.05%
	Std Dev	42.098	42.210	1.448	31.00%	0.23%

TID Report



3111.0_VOS_18_18P3_17P5					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	190	mV			
Min Limit	-190	mV			
krad(Si)	0	10	20	30	50
LL	-190.000	-190.000	-190.000	-190.000	-190.000
Min	3.900	-15.900	-91.400	-40.500	-18.800
Average	3.900	18.200	-22.700	-3.500	-0.667
Max	3.900	67.400	26.600	63.900	13.100
UL	190.000	190.000	190.000	190.000	190.000

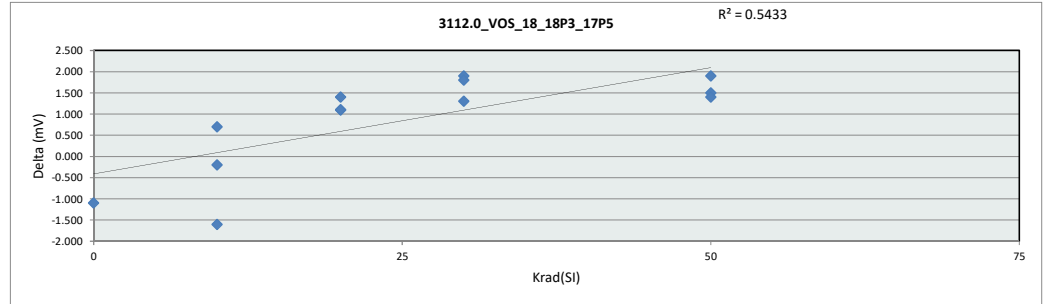


# HDR TID Report OPA4H014-SEP

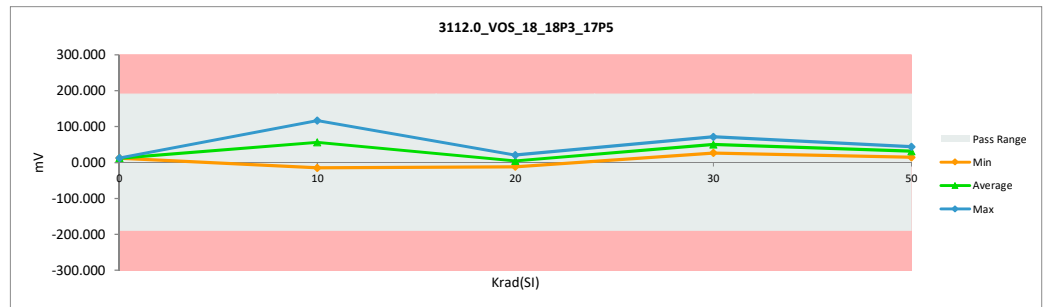
3112.0_VOS_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mV	mV
Max Limit	190	
Min Limit	-190	

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	12.500	13.600	-1.100	-8.80%	0.29%
10	1	65.800	65.100	0.700	1.06%	0.18%
10	2	117.100	117.300	-0.200	-0.17%	0.05%
10	3	-14.500	-12.900	-1.600	11.03%	0.42%
20	4	4.400	3.000	1.400	31.82%	0.37%
20	5	20.700	19.600	1.100	5.31%	0.29%
20	6	-11.500	-12.600	1.100	-9.57%	0.29%
30	7	26.600	25.300	1.300	4.89%	0.34%
30	8	71.700	69.800	1.900	2.65%	0.50%
30	9	53.300	51.500	1.800	3.38%	0.47%
50	10	44.300	42.800	1.500	3.39%	0.39%
50	11	14.600	13.200	1.400	9.59%	0.37%
50	12	36.500	34.600	1.900	5.21%	0.50%
	Max	117.100	117.300	1.900	31.82%	0.50%
	Average	33.962	33.100	0.862	4.60%	0.34%
	Min	-14.500	-12.900	-1.600	-9.57%	0.05%
	Std Dev	36.733	36.544	1.133	10.13%	0.13%

TID Report



3112.0_VOS_18_18P3_17P5					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	190	mV			
Min Limit	-190	mV			
krad(Si)	0	10	20	30	50
LL	-190.000	-190.000	-190.000	-190.000	-190.000
Min	12.500	-14.500	-11.500	26.600	14.600
Average	12.500	56.133	4.533	50.533	31.800
Max	12.500	117.100	20.700	71.700	44.300
UL	190.000	190.000	190.000	190.000	190.000

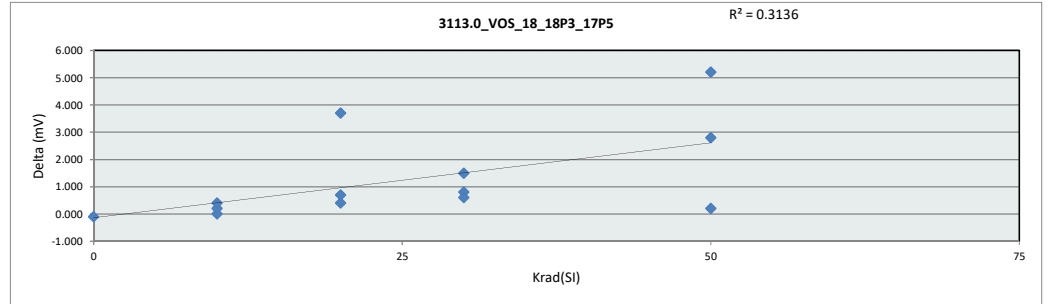


# HDR TID Report OPA4H014-SEP

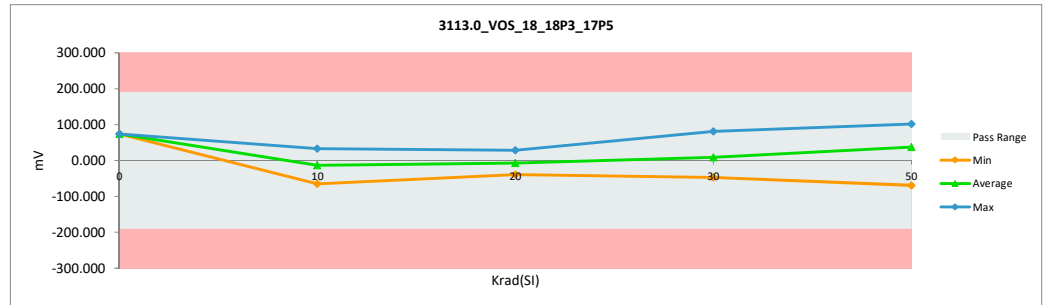
3113.0_VOS_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mV	mV
Max Limit	190	190
Min Limit	-190	-190

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	74.000	74.100	-0.100	-0.14%	0.03%
10	1	-64.700	-64.700	0.000	0.00%	0.00%
10	2	-7.800	-8.000	0.200	-2.56%	0.05%
10	3	33.100	32.700	0.400	1.21%	0.11%
20	4	28.700	25.000	3.700	12.89%	0.97%
20	5	-38.800	-39.200	0.400	-1.03%	0.11%
20	6	-10.800	-11.500	0.700	-6.48%	0.18%
30	7	81.300	79.800	1.500	1.85%	0.39%
30	8	-47.400	-48.200	0.800	-1.69%	0.21%
30	9	-7.200	-7.800	0.600	-8.33%	0.16%
50	10	78.600	75.800	2.800	3.56%	0.74%
50	11	-68.900	-69.100	0.200	-0.29%	0.05%
50	12	102.000	96.800	5.200	5.10%	1.37%
	Max	102.000	96.800	5.200	12.89%	1.37%
	Average	11.700	10.438	1.262	0.31%	0.34%
	Min	-68.900	-69.100	-0.100	-8.33%	0.00%
	Std Dev	58.965	57.973	1.634	5.25%	0.43%

TID Report



3113.0_VOS_18_18P3_17P5					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	190 mV				
Min Limit	-190 mV				
krad(Si)	0	10	20	30	50
LL	-190.000	-190.000	-190.000	-190.000	-190.000
Min	74.000	-64.700	-38.800	-47.400	-68.900
Average	74.000	-13.133	-6.967	8.900	37.233
Max	74.000	33.100	28.700	81.300	102.000
UL	190.000	190.000	190.000	190.000	190.000

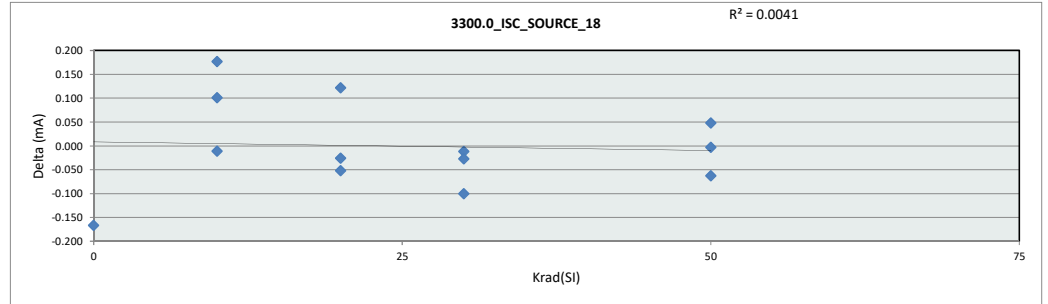


# HDR TID Report OPA4H014-SEP

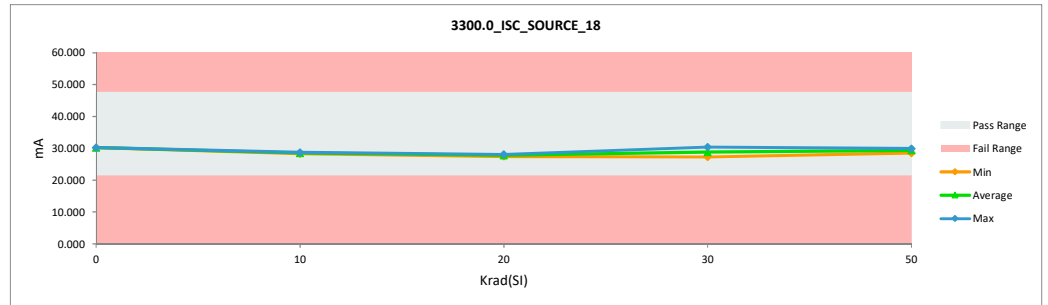
3300.0_ISC_SOURCE_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	47.5	47.5
Min Limit	21.5	21.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	30.233	30.400	-0.167	-0.55%	0.64%
10	1	28.626	28.449	0.177	0.62%	0.68%
10	2	28.679	28.578	0.101	0.35%	0.39%
10	3	28.278	28.289	-0.011	-0.04%	0.04%
20	4	28.094	27.972	0.122	0.43%	0.47%
20	5	27.941	27.993	-0.052	-0.19%	0.20%
20	6	27.426	27.452	-0.026	-0.09%	0.10%
30	7	28.711	28.723	-0.012	-0.04%	0.05%
30	8	30.391	30.491	-0.100	-0.33%	0.38%
30	9	27.248	27.275	-0.027	-0.10%	0.10%
50	10	29.701	29.764	-0.063	-0.21%	0.24%
50	11	29.900	29.852	0.048	0.16%	0.18%
50	12	28.474	28.477	-0.003	-0.01%	0.01%
	Max	30.391	30.491	0.177	0.62%	0.68%
	Average	28.746	28.747	-0.001	0.00%	0.27%
	Min	27.248	27.275	-0.167	-0.55%	0.01%
	Std Dev	1.022	1.058	0.094	0.32%	0.23%

TID Report



3300.0_ISC_SOURCE_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	47.5 mA				
Min Limit	21.5 mA				
krad(Si)	0	10	20	30	50
LL	21.500	21.500	21.500	21.500	21.500
Min	30.233	28.278	27.426	27.248	28.474
Average	30.233	28.528	27.820	28.783	29.358
Max	30.233	28.679	28.094	30.391	29.900
UL	47.500	47.500	47.500	47.500	47.500

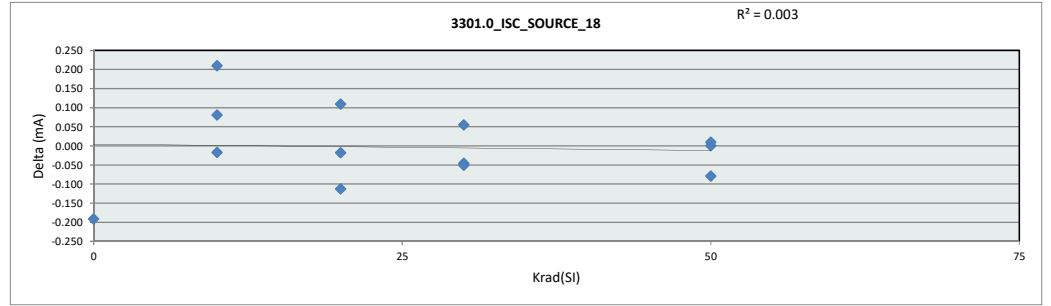


# HDR TID Report OPA4H014-SEP

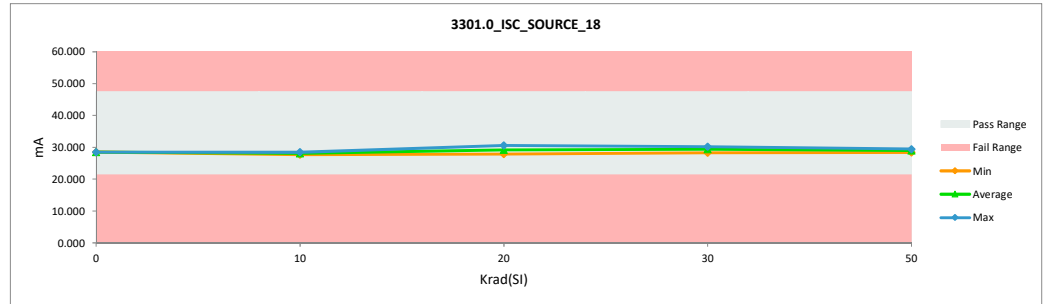
3301.0_ISC_SOURCE_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	47.5	47.5
Min Limit	21.5	21.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	28.513	28.705	-0.192	-0.67%	0.74%
10	1	28.439	28.229	0.210	0.74%	0.81%
10	2	28.251	28.170	0.081	0.29%	0.31%
10	3	27.694	27.711	-0.017	-0.06%	0.07%
20	4	29.032	28.923	0.109	0.38%	0.42%
20	5	30.592	30.705	-0.113	-0.37%	0.43%
20	6	27.832	27.850	-0.018	-0.06%	0.07%
30	7	29.561	29.506	0.055	0.19%	0.21%
30	8	30.203	30.249	-0.046	-0.15%	0.18%
30	9	28.291	28.342	-0.051	-0.18%	0.20%
50	10	29.097	29.176	-0.079	-0.27%	0.30%
50	11	29.433	29.433	0.000	0.00%	0.00%
50	12	28.391	28.381	0.010	0.04%	0.04%
	Max	30.592	30.705	0.210	0.74%	0.81%
	Average	28.871	28.875	-0.004	-0.01%	0.29%
	Min	27.694	27.711	-0.192	-0.67%	0.00%
	Std Dev	0.882	0.909	0.103	0.36%	0.26%

TID Report



3301.0_ISC_SOURCE_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	47.5 mA				
Min Limit	21.5 mA				
krad(Si)	0	10	20	30	50
LL	21.500	21.500	21.500	21.500	21.500
Min	28.513	27.694	27.832	28.291	28.391
Average	28.513	28.128	29.152	29.352	28.974
Max	28.513	28.439	30.592	30.203	29.433
UL	47.500	47.500	47.500	47.500	47.500



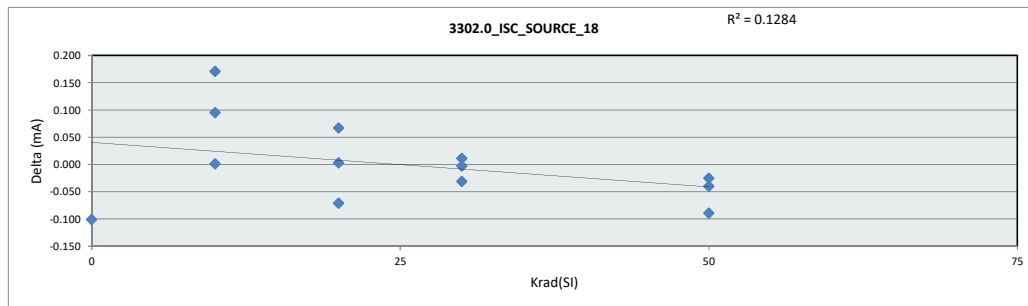


# HDR TID Report OPA4H014-SEP

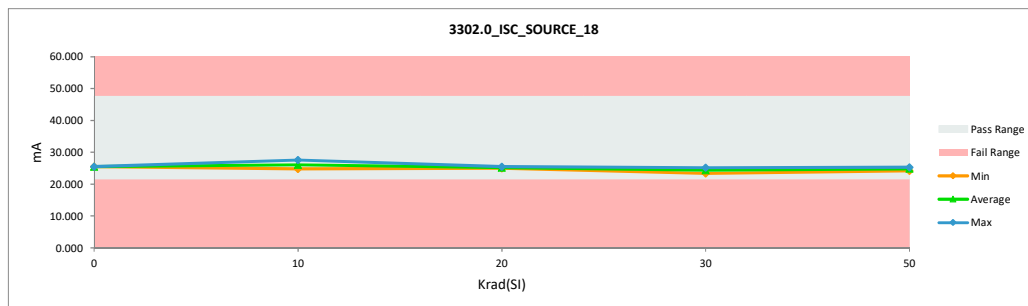
## 3302.0\_ISC\_SOURCE\_18

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	47.5	47.5
Min Limit	21.5	21.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	25.466	25.567	-0.101	-0.40%	0.39%
10	1	27.580	27.409	0.171	0.62%	0.66%
10	2	24.798	24.703	0.095	0.38%	0.37%
10	3	25.718	25.717	0.001	0.00%	0.00%
20	4	25.476	25.409	0.067	0.26%	0.26%
20	5	25.178	25.249	-0.071	-0.28%	0.27%
20	6	24.985	24.982	0.003	0.01%	0.01%
30	7	25.186	25.189	-0.003	-0.01%	0.01%
30	8	24.583	24.614	-0.031	-0.13%	0.12%
30	9	23.364	23.353	0.011	0.05%	0.04%
50	10	25.009	25.098	-0.089	-0.36%	0.34%
50	11	24.152	24.192	-0.040	-0.17%	0.15%
50	12	25.280	25.305	-0.025	-0.10%	0.10%
	Max	27.580	27.409	0.171	0.62%	0.66%
	Average	25.137	25.137	-0.001	-0.01%	0.21%
	Min	23.364	23.353	-0.101	-0.40%	0.00%
	Std Dev	0.963	0.929	0.076	0.29%	0.19%



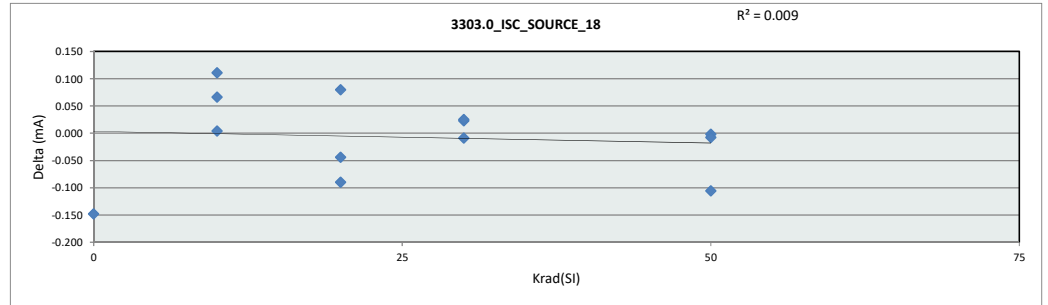
3302.0_ISC_SOURCE_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	47.5 mA				
Min Limit	21.5 mA				
krad(Si)	0	10	20	30	50
LL	21.500	21.500	21.500	21.500	21.500
Min	25.466	24.798	24.985	23.364	24.152
Average	25.466	26.032	25.213	24.378	24.814
Max	25.466	27.580	25.476	25.186	25.280
UL	47.500	47.500	47.500	47.500	47.500



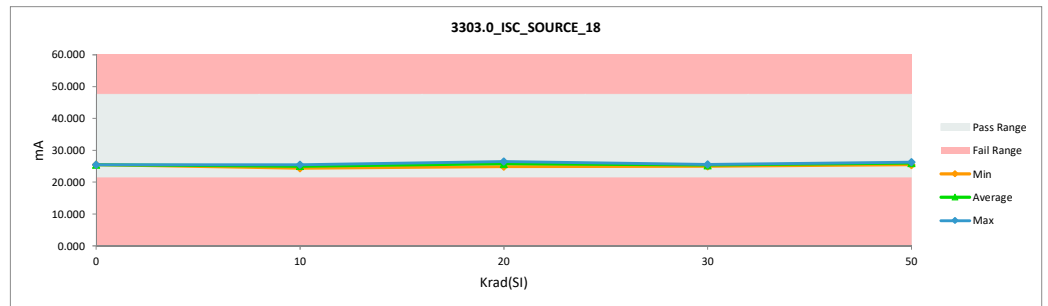
# HDR TID Report OPA4H014-SEP

3303.0_ISC_SOURCE_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	47.5	47.5
Min Limit	21.5	21.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	25.441	25.589	-0.148	-0.58%	0.57%
10	1	25.449	25.338	0.111	0.44%	0.43%
10	2	25.235	25.169	0.066	0.26%	0.25%
10	3	24.366	24.362	0.004	0.02%	0.02%
20	4	25.769	25.689	0.080	0.31%	0.31%
20	5	26.438	26.528	-0.090	-0.34%	0.35%
20	6	24.888	24.932	-0.044	-0.18%	0.17%
30	7	24.971	24.948	0.023	0.09%	0.09%
30	8	25.542	25.551	-0.009	-0.04%	0.03%
30	9	25.382	25.357	0.025	0.10%	0.10%
50	10	26.139	26.245	-0.106	-0.41%	0.41%
50	11	25.411	25.413	-0.002	-0.01%	0.01%
50	12	26.254	26.262	-0.008	-0.03%	0.03%
	Max	26.438	26.528	0.111	0.44%	0.57%
	Average	25.483	25.491	-0.008	-0.03%	0.21%
	Min	24.366	24.362	-0.148	-0.58%	0.01%
	Std Dev	0.575	0.600	0.075	0.29%	0.19%



3303.0_ISC_SOURCE_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	47.5 mA				
Min Limit	21.5 mA				
krad(Si)	0	10	20	30	50
LL	21.500	21.500	21.500	21.500	21.500
Min	25.441	24.366	24.888	24.971	25.411
Average	25.441	25.017	25.698	25.298	25.935
Max	25.441	25.449	26.438	25.542	26.254
UL	47.500	47.500	47.500	47.500	47.500

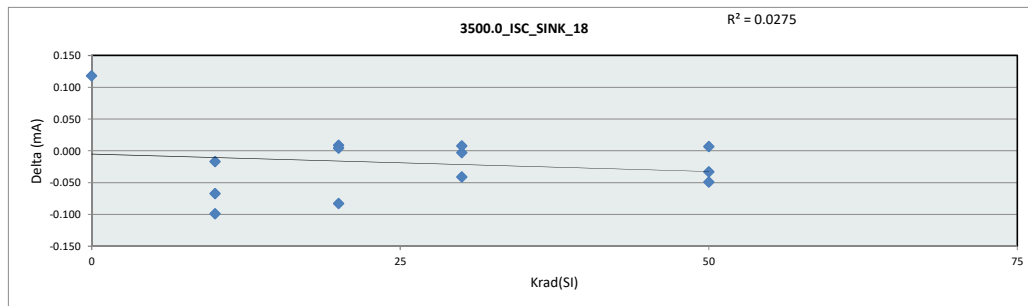


# HDR TID Report OPA4H014-SEP

## 3500.0\_ISC\_SINK\_18

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-20	-20
Min Limit	-35.5	-35.5

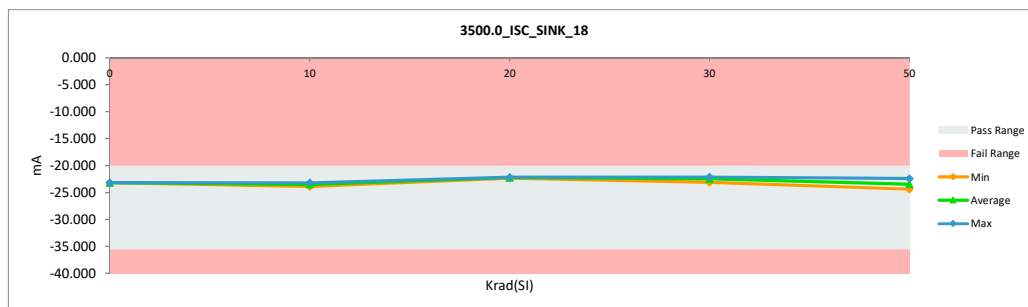
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-23.168	-23.286	0.118	-0.51%	0.76%
10	1	-23.201	-23.102	-0.099	0.43%	0.64%
10	2	-23.918	-23.851	-0.067	0.28%	0.43%
10	3	-23.438	-23.421	-0.017	0.07%	0.11%
20	4	-22.206	-22.123	-0.083	0.37%	0.54%
20	5	-22.182	-22.191	0.009	-0.04%	0.06%
20	6	-22.366	-22.370	0.004	-0.02%	0.03%
30	7	-23.124	-23.083	-0.041	0.18%	0.26%
30	8	-22.148	-22.145	-0.003	0.01%	0.02%
30	9	-22.131	-22.139	0.008	-0.04%	0.05%
50	10	-24.406	-24.413	0.007	-0.03%	0.05%
50	11	-23.518	-23.469	-0.049	0.21%	0.32%
50	12	-22.413	-22.380	-0.033	0.15%	0.21%
Max		-22.131	-22.123	0.118	0.43%	0.76%
Average		-22.940	-22.921	-0.019	0.08%	0.27%
Min		-24.406	-24.413	-0.099	-0.51%	0.02%
Std Dev		0.755	0.754	0.055	0.24%	0.25%



## 3500.0\_ISC\_SINK\_18

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	-20 mA
Min Limit	-35.5 mA

krad(Si)	0	10	20	30	50
LL	-35.500	-35.500	-35.500	-35.500	-35.500
Min	-23.168	-23.918	-22.366	-23.124	-24.406
Average	-23.168	-23.519	-22.251	-22.468	-23.446
Max	-23.168	-23.201	-22.182	-22.131	-22.413
UL	-20.000	-20.000	-20.000	-20.000	-20.000

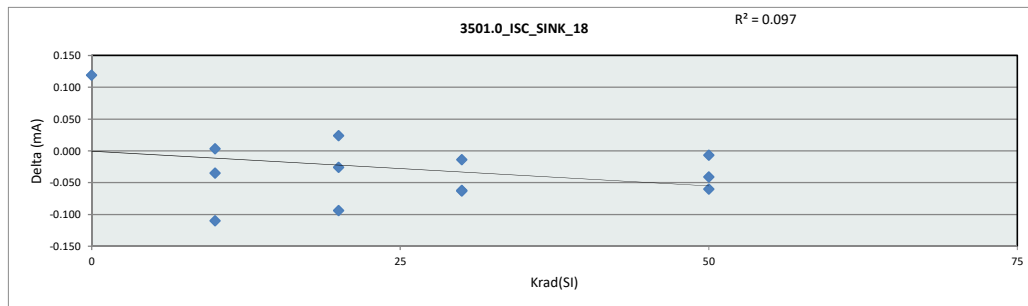


# HDR TID Report OPA4H014-SEP

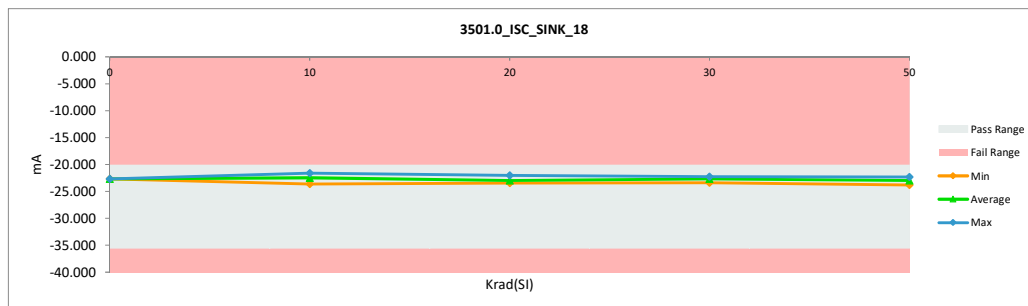
## 3501.0\_ISC\_SINK\_18

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-20	-20
Min Limit	-35.5	-35.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-22.650	-22.769	0.119	-0.53%	0.77%
10	1	-23.641	-23.531	-0.110	0.47%	0.71%
10	2	-21.596	-21.561	-0.035	0.16%	0.23%
10	3	-22.155	-22.158	0.003	-0.01%	0.02%
20	4	-23.361	-23.267	-0.094	0.40%	0.61%
20	5	-23.430	-23.454	0.024	-0.10%	0.15%
20	6	-22.031	-22.005	-0.026	0.12%	0.17%
30	7	-22.378	-22.316	-0.062	0.28%	0.40%
30	8	-23.390	-23.327	-0.063	0.27%	0.41%
30	9	-22.238	-22.224	-0.014	0.06%	0.09%
50	10	-22.764	-22.757	-0.007	0.03%	0.05%
50	11	-23.796	-23.755	-0.041	0.17%	0.26%
50	12	-22.321	-22.261	-0.060	0.27%	0.39%
	Max	-21.596	-21.561	0.119	0.47%	0.77%
	Average	-22.750	-22.722	-0.028	0.12%	0.33%
	Min	-23.796	-23.755	-0.110	-0.53%	0.02%
	Std Dev	0.703	0.691	0.058	0.25%	0.25%



3501.0_ISC_SINK_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-20 mA				
Min Limit	-35.5 mA				
krad(Si)	0	10	20	30	50
LL	-35.500	-35.500	-35.500	-35.500	-35.500
Min	-22.650	-23.641	-23.430	-23.390	-23.796
Average	-22.650	-22.464	-22.941	-22.669	-22.960
Max	-22.650	-21.596	-22.031	-22.238	-22.321
UL	-20.000	-20.000	-20.000	-20.000	-20.000

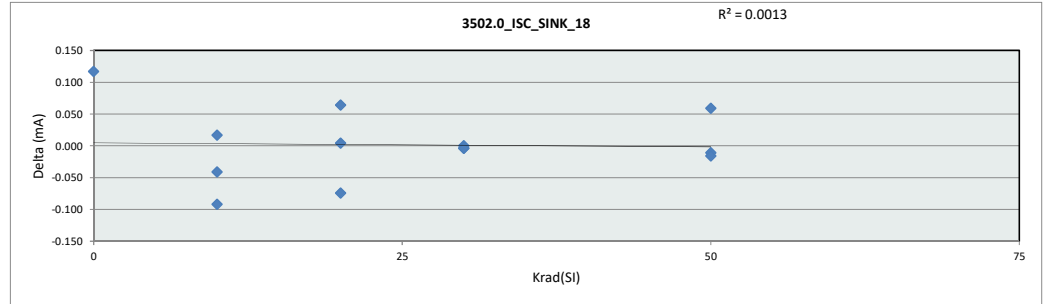


# HDR TID Report OPA4H014-SEP

3502.0_ISC_SINK_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-20	-20
Min Limit	-35.5	-35.5

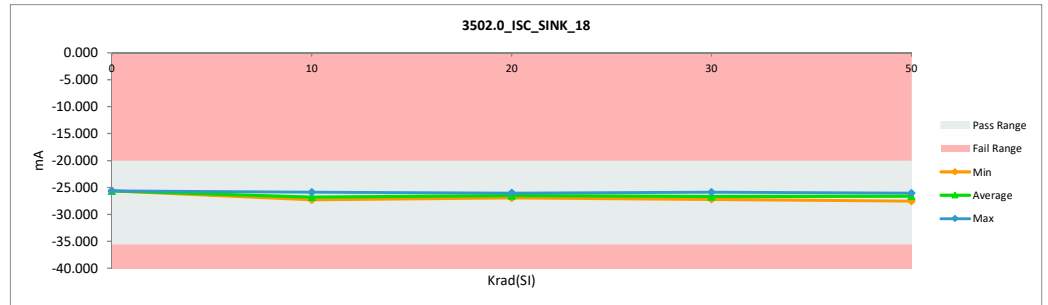
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-25.645	-25.762	0.117	-0.46%	0.75%
10	1	-27.257	-27.165	-0.092	0.34%	0.59%
10	2	-27.271	-27.230	-0.041	0.15%	0.26%
10	3	-25.845	-25.862	0.017	-0.07%	0.11%
20	4	-26.015	-25.941	-0.074	0.28%	0.48%
20	5	-26.678	-26.742	0.064	-0.24%	0.41%
20	6	-26.911	-26.915	0.004	-0.01%	0.03%
30	7	-27.091	-27.091	0.000	0.00%	0.00%
30	8	-27.204	-27.200	-0.004	0.01%	0.03%
30	9	-25.847	-25.843	-0.004	0.02%	0.03%
50	10	-26.251	-26.310	0.059	-0.22%	0.38%
50	11	-27.535	-27.524	-0.011	0.04%	0.07%
50	12	-26.032	-26.016	-0.016	0.06%	0.10%
	Max	-25.645	-25.762	0.117	0.34%	0.75%
	Average	-26.583	-26.585	0.001	-0.01%	0.25%
	Min	-27.535	-27.524	-0.092	-0.46%	0.00%
	Std Dev	0.664	0.643	0.056	0.21%	0.25%

TID Report



3502.0_ISC_SINK_18	
Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	-20 mA
Min Limit	-35.5 mA

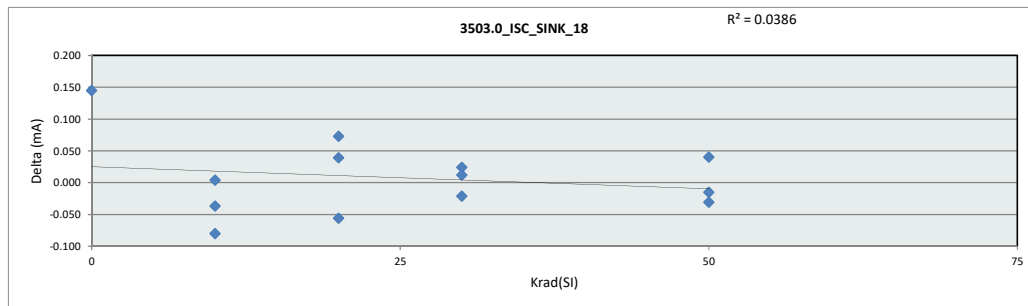
krad(Si)	0	10	20	30	50
LL	-35.500	-35.500	-35.500	-35.500	-35.500
Min	-25.645	-27.271	-26.911	-27.204	-27.535
Average	-25.645	-26.791	-26.535	-26.714	-26.606
Max	-25.645	-25.845	-26.015	-25.847	-26.032
UL	-20.000	-20.000	-20.000	-20.000	-20.000



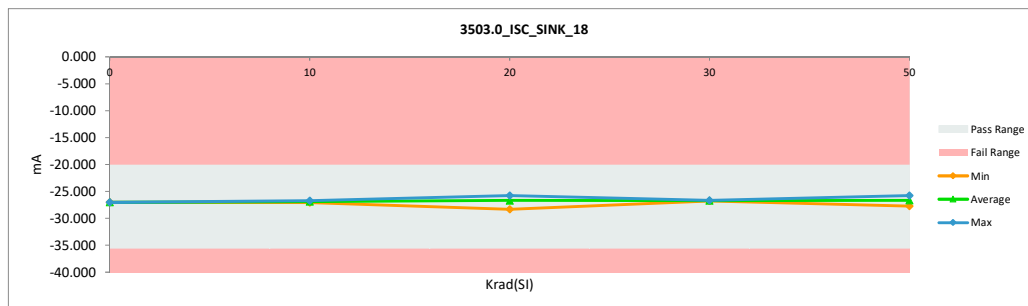
# HDR TID Report OPA4H014-SEP

3503.0_ISC_SINK_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-20	-20
Min Limit	-35.5	-35.5

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-27.025	-27.170	0.145	-0.54%	0.94%
10	1	-26.943	-26.906	-0.037	0.14%	0.24%
10	2	-27.061	-26.981	-0.080	0.30%	0.52%
10	3	-26.721	-26.725	0.004	-0.01%	0.03%
20	4	-25.739	-25.683	-0.056	0.22%	0.36%
20	5	-28.310	-28.383	0.073	-0.26%	0.47%
20	6	-25.975	-26.014	0.039	-0.15%	0.25%
30	7	-26.654	-26.633	-0.021	0.08%	0.14%
30	8	-26.755	-26.779	0.024	-0.09%	0.15%
30	9	-26.772	-26.784	0.012	-0.04%	0.08%
50	10	-27.735	-27.775	0.040	-0.14%	0.26%
50	11	-26.394	-26.379	-0.015	0.06%	0.10%
50	12	-25.755	-25.724	-0.031	0.12%	0.20%
	Max	-25.739	-25.683	0.145	0.30%	0.94%
	Average	-26.757	-26.764	0.007	-0.03%	0.29%
	Min	-28.310	-28.383	-0.080	-0.54%	0.03%
	Std Dev	0.728	0.756	0.059	0.22%	0.24%



3503.0_ISC_SINK_18					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-20 mA				
Min Limit	-35.5 mA				
krad(Si)	0	10	20	30	50
LL	-35.500	-35.500	-35.500	-35.500	-35.500
Min	-27.025	-27.061	-28.310	-26.772	-27.735
Average	-27.025	-26.908	-26.675	-26.727	-26.628
Max	-27.025	-26.721	-25.739	-26.654	-25.755
UL	-20.000	-20.000	-20.000	-20.000	-20.000

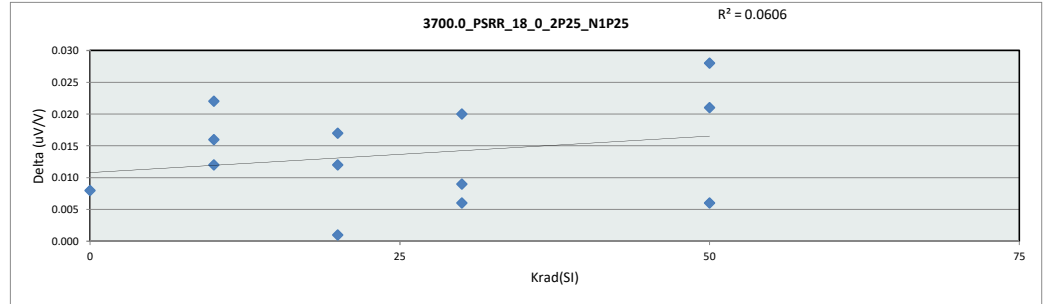


# HDR TID Report OPA4H014-SEP

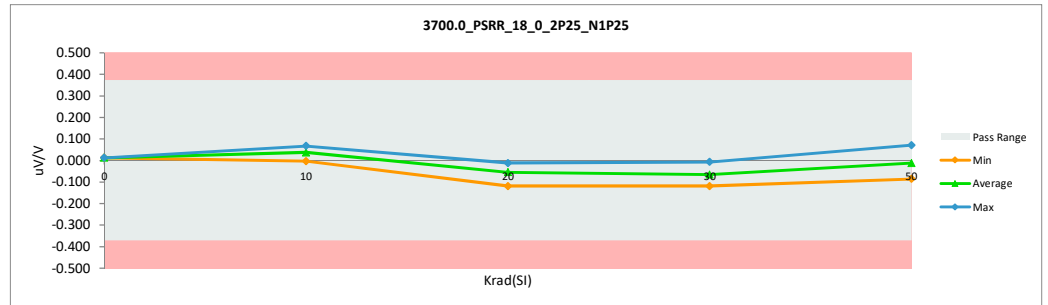
3700.0_PSRR_18_0_2P25_N1P2		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.37	0.37
Min Limit	-0.37	-0.37

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.013	0.005	0.008	61.54%	1.08%
10	1	0.068	0.052	0.016	23.53%	2.16%
10	2	0.048	0.026	0.022	45.83%	2.97%
10	3	-0.002	-0.014	0.012	-600.00%	1.62%
20	4	-0.011	-0.023	0.012	-109.09%	1.62%
20	5	-0.118	-0.119	0.001	-0.85%	0.14%
20	6	-0.032	-0.049	0.017	-53.12%	2.30%
30	7	-0.118	-0.127	0.009	-7.63%	1.22%
30	8	-0.006	-0.012	0.006	-100.00%	0.81%
30	9	-0.071	-0.091	0.020	-28.17%	2.70%
50	10	-0.022	-0.028	0.006	-27.27%	0.81%
50	11	-0.085	-0.106	0.021	-24.71%	2.84%
50	12	0.072	0.044	0.028	38.89%	3.78%
	Max	0.072	0.052	0.028	61.54%	3.78%
	Average	-0.020	-0.034	0.014	-60.08%	1.85%
	Min	-0.118	-0.127	0.001	-600.00%	0.14%
	Std Dev	0.064	0.061	0.008	170.28%	1.05%

TID Report



3700.0_PSRR_18_0_2P25_N1					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.37	uV/V			
Min Limit	-0.37	uV/V			
krad(Si)	0	10	20	30	50
LL	-0.370	-0.370	-0.370	-0.370	-0.370
Min	0.013	-0.002	-0.118	-0.118	-0.085
Average	0.013	0.038	-0.054	-0.065	-0.012
Max	0.013	0.068	-0.011	-0.006	0.072
UL	0.370	0.370	0.370	0.370	0.370

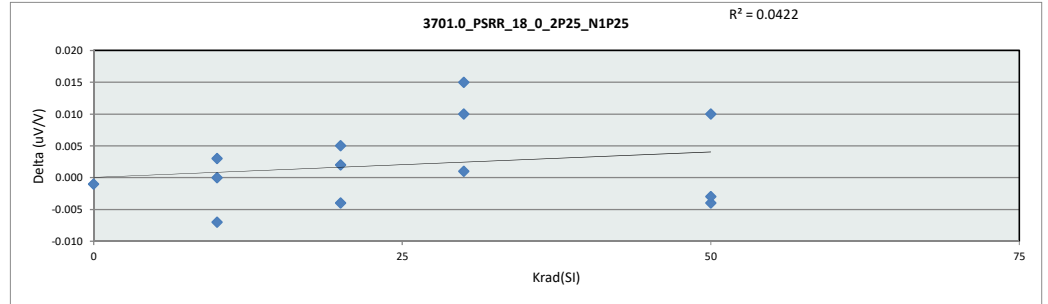


HDR TID Report  
OPA4H014-SEP

3701.0\_PSRR\_18\_0\_2P25\_N1P2

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.37	0.37
Min Limit	-0.37	-0.37

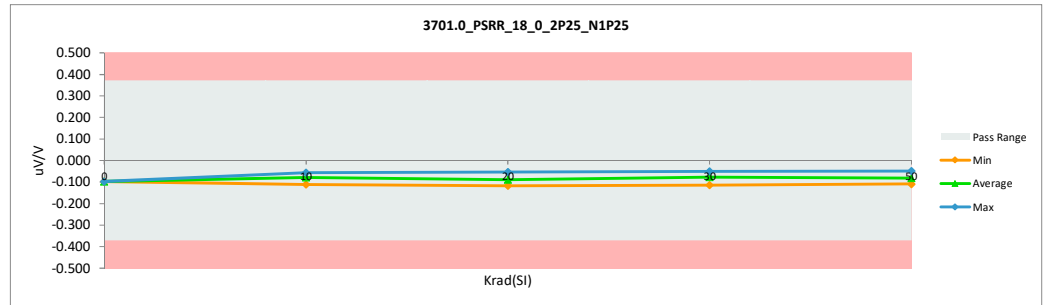
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.097	-0.096	-0.001	1.03%	0.14%
10	1	-0.111	-0.104	-0.007	6.31%	0.95%
10	2	-0.069	-0.069	0.000	0.00%	0.00%
10	3	-0.056	-0.059	0.003	-5.36%	0.41%
20	4	-0.053	-0.049	-0.004	7.55%	0.54%
20	5	-0.097	-0.102	0.005	-5.15%	0.68%
20	6	-0.117	-0.119	0.002	-1.71%	0.27%
30	7	-0.114	-0.115	0.001	-0.88%	0.14%
30	8	-0.050	-0.065	0.015	-30.00%	2.03%
30	9	-0.068	-0.078	0.010	-14.71%	1.35%
50	10	-0.085	-0.081	-0.004	4.71%	0.54%
50	11	-0.109	-0.106	-0.003	2.75%	0.41%
50	12	-0.049	-0.059	0.010	-20.41%	1.35%
Max		-0.049	-0.049	0.015	7.55%	2.03%
Average		-0.083	-0.085	0.002	-4.30%	0.68%
Min		-0.117	-0.119	-0.007	-30.00%	0.00%
Std Dev		0.026	0.024	0.006	11.10%	0.59%



3701.0\_PSRR\_18\_0\_2P25\_N1

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.37 uV/V
Min Limit	-0.37 uV/V

krad(Si)	0	10	20	30	50
LL	-0.370	-0.370	-0.370	-0.370	-0.370
Min	-0.097	-0.111	-0.117	-0.114	-0.109
Average	-0.097	-0.079	-0.089	-0.077	-0.081
Max	-0.097	-0.056	-0.053	-0.050	-0.049
UL	0.370	0.370	0.370	0.370	0.370





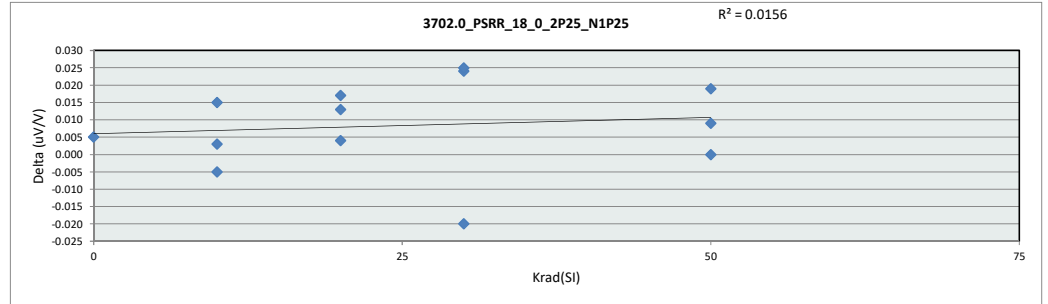
# HDR TID Report OPA4H014-SEP

## 3702.0\_PSRR\_18\_0\_2P25\_N1P2

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.37	0.37
Min Limit	-0.37	-0.37

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.090	-0.095	0.005	-5.56%	0.68%
10	1	-0.012	-0.015	0.003	-25.00%	0.41%
10	2	0.027	0.012	0.015	55.56%	2.03%
10	3	-0.090	-0.085	-0.005	5.56%	0.68%
20	4	0.020	0.003	0.017	85.00%	2.30%
20	5	-0.014	-0.027	0.013	-92.86%	1.76%
20	6	-0.069	-0.073	0.004	-5.80%	0.54%
30	7	0.060	0.036	0.024	40.00%	3.24%
30	8	-0.129	-0.109	-0.020	15.50%	2.70%
30	9	0.035	0.010	0.025	71.43%	3.38%
50	10	-0.033	-0.052	0.019	-57.58%	2.57%
50	11	0.071	0.062	0.009	12.68%	1.22%
50	12	-0.122	-0.122	0.000	0.00%	0.00%
Max		0.071	0.062	0.025	85.00%	3.38%
Average		-0.027	-0.035	0.008	7.61%	1.65%
Min		-0.129	-0.122	-0.020	-92.86%	0.00%
Std Dev		0.068	0.059	0.013	49.43%	1.14%

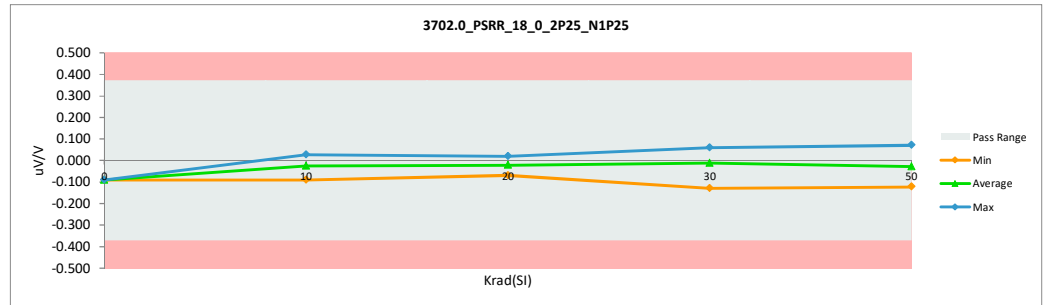
TID Report



## 3702.0\_PSRR\_18\_0\_2P25\_N1

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.37 uV/V
Min Limit	-0.37 uV/V

krad(Si)	0	10	20	30	50
LL	-0.370	-0.370	-0.370	-0.370	-0.370
Min	-0.090	-0.090	-0.069	-0.129	-0.122
Average	-0.090	-0.025	-0.021	-0.011	-0.028
Max	-0.090	0.027	0.020	0.060	0.071
UL	0.370	0.370	0.370	0.370	0.370

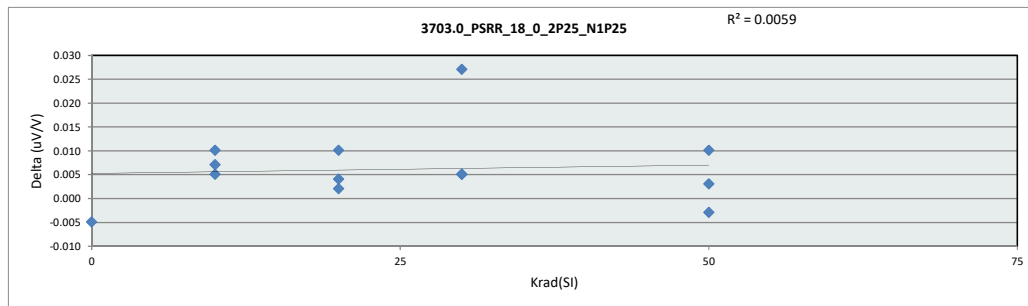


# HDR TID Report OPA4H014-SEP

## 3703.0\_PSRR\_18\_0\_2P25\_N1P2

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.37	0.37
Min Limit	-0.37	-0.37

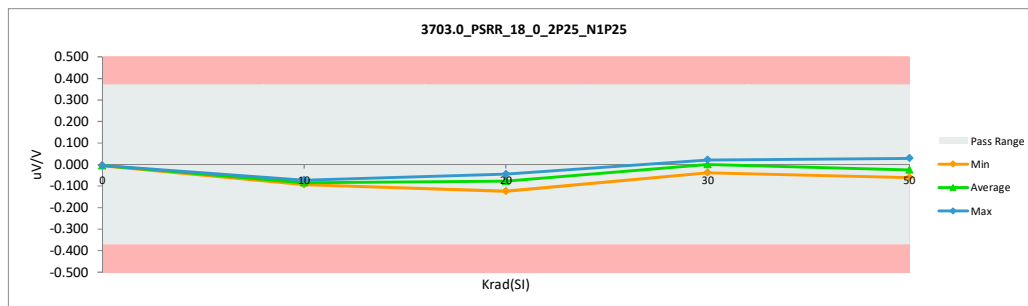
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.005	0.000	-0.005	100.00%	0.68%
10	1	-0.073	-0.078	0.005	-6.85%	0.68%
10	2	-0.087	-0.094	0.007	-8.05%	0.95%
10	3	-0.094	-0.104	0.010	-10.64%	1.35%
20	4	-0.062	-0.066	0.004	-6.45%	0.54%
20	5	-0.124	-0.134	0.010	-8.06%	1.35%
20	6	-0.045	-0.047	0.002	-4.44%	0.27%
30	7	0.021	-0.006	0.027	128.57%	3.65%
30	8	0.019	0.014	0.005	26.32%	0.68%
30	9	-0.038	-0.043	0.005	-13.16%	0.68%
50	10	-0.044	-0.047	0.003	-6.82%	0.41%
50	11	-0.061	-0.058	-0.003	4.92%	0.41%
50	12	0.029	0.019	0.010	34.48%	1.35%
Max		0.029	0.019	0.027	128.57%	3.65%
Average		-0.043	-0.050	0.006	17.68%	1.00%
Min		-0.124	-0.134	-0.005	-13.16%	0.27%
Std Dev		0.048	0.047	0.008	45.59%	0.88%



## 3703.0\_PSRR\_18\_0\_2P25\_N1

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.37 uV/V
Min Limit	-0.37 uV/V

krad(Si)	0	10	20	30	50
LL	-0.370	-0.370	-0.370	-0.370	-0.370
Min	-0.005	-0.094	-0.124	-0.038	-0.061
Average	-0.005	-0.085	-0.077	0.001	-0.025
Max	-0.005	-0.073	-0.045	0.021	0.029
UL	0.370	0.370	0.370	0.370	0.370

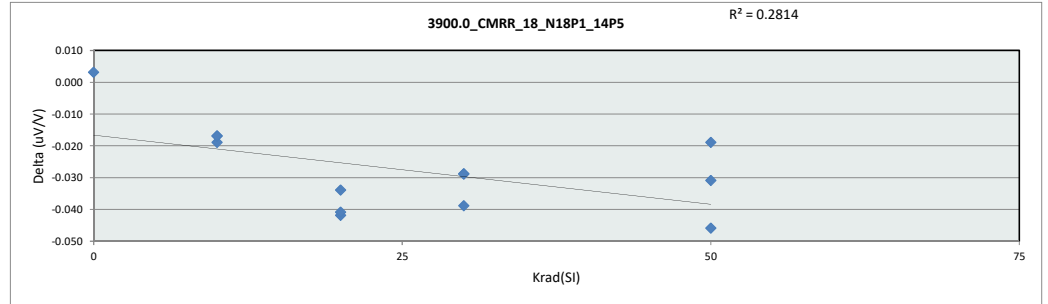


# HDR TID Report OPA4H014-SEP

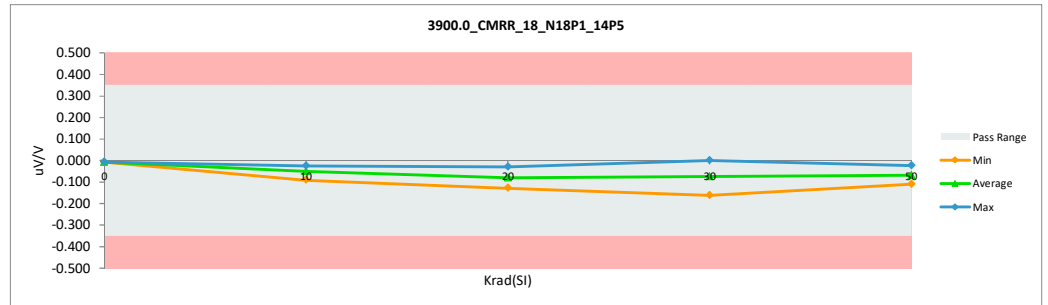
3900.0_CMRR_18_N18P1_14P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.35	0.35
Min Limit	-0.35	-0.35

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.007	-0.010	0.003	-42.86%	0.43%
10	1	-0.091	-0.072	-0.019	20.88%	2.71%
10	2	-0.033	-0.016	-0.017	51.52%	2.43%
10	3	-0.025	-0.008	-0.017	68.00%	2.43%
20	4	-0.083	-0.041	-0.042	50.60%	6.00%
20	5	-0.128	-0.094	-0.034	26.56%	4.86%
20	6	-0.029	0.012	-0.041	141.38%	5.86%
30	7	-0.059	-0.030	-0.029	49.15%	4.14%
30	8	-0.162	-0.123	-0.039	24.07%	5.57%
30	9	0.000	0.029	-0.029	-28900.00%	4.13%
50	10	-0.072	-0.041	-0.031	43.06%	4.43%
50	11	-0.023	-0.004	-0.019	82.61%	2.71%
50	12	-0.110	-0.064	-0.046	41.82%	6.57%
	Max	0.000	0.029	0.003	141.38%	6.57%
	Average	-0.063	-0.036	-0.028	-2180.25%	4.02%
	Min	-0.162	-0.123	-0.046	-28900.00%	0.43%
	Std Dev	0.050	0.043	0.014	8028.39%	1.79%

TID Report



3900.0_CMRR_18_N18P1_14P5					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.35	uV/V			
Min Limit	-0.35	uV/V			
krad(Si)	0	10	20	30	50
LL	-0.350	-0.350	-0.350	-0.350	-0.350
Min	-0.007	-0.091	-0.128	-0.162	-0.110
Average	-0.007	-0.050	-0.080	-0.074	-0.068
Max	-0.007	-0.025	-0.029	0.000	-0.023
UL	0.350	0.350	0.350	0.350	0.350

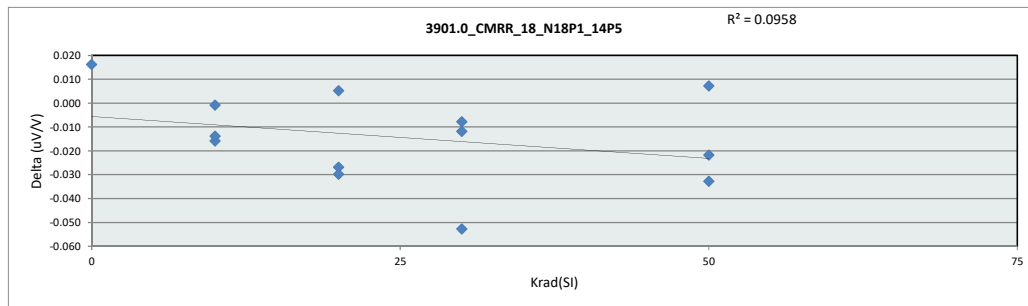


# HDR TID Report OPA4H014-SEP

## 3901.0\_CMRR\_18\_N18P1\_14P5

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.35	0.35
Min Limit	-0.35	-0.35

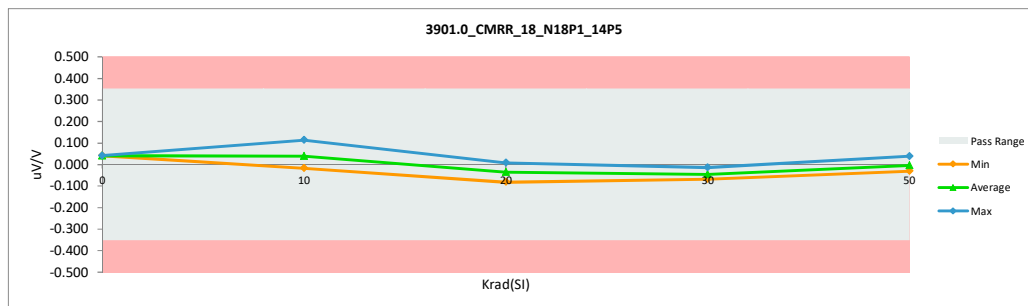
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.041	0.025	0.016	39.02%	2.29%
10	1	0.113	0.114	-0.001	-0.88%	0.14%
10	2	-0.018	-0.002	-0.016	88.89%	2.29%
10	3	0.021	0.035	-0.014	-66.67%	2.00%
20	4	0.008	0.003	0.005	62.50%	0.71%
20	5	-0.082	-0.055	-0.027	32.93%	3.86%
20	6	-0.032	-0.002	-0.030	93.75%	4.29%
30	7	-0.056	-0.048	-0.008	14.29%	1.14%
30	8	-0.014	-0.002	-0.012	85.71%	1.71%
30	9	-0.068	-0.015	-0.053	77.94%	7.57%
50	10	-0.031	-0.038	0.007	-22.58%	1.00%
50	11	-0.020	0.013	-0.033	165.00%	4.71%
50	12	0.038	0.060	-0.022	-57.89%	3.14%
Max		0.113	0.114	0.016	165.00%	7.57%
Average		-0.008	0.007	-0.014	39.38%	2.68%
Min		-0.082	-0.055	-0.053	-66.67%	0.14%
Std Dev		0.052	0.046	0.019	65.95%	2.03%



## 3901.0\_CMRR\_18\_N18P1\_14P5

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.35 uV/V
Min Limit	-0.35 uV/V

krad(Si)	0	10	20	30	50
LL	-0.350	-0.350	-0.350	-0.350	-0.350
Min	0.041	-0.018	-0.082	-0.068	-0.031
Average	0.041	0.039	-0.035	-0.046	-0.004
Max	0.041	0.113	0.008	-0.014	0.038
UL	0.350	0.350	0.350	0.350	0.350

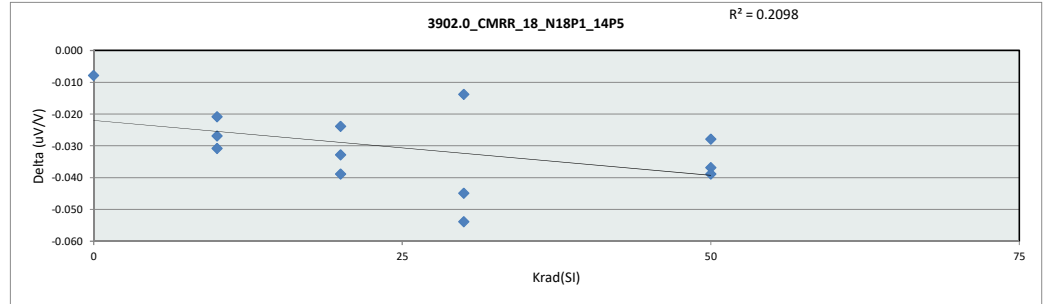


# HDR TID Report OPA4H014-SEP

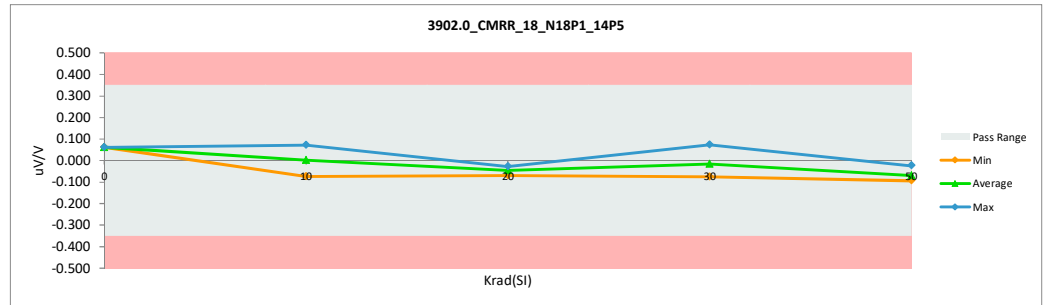
3902.0_CMRR_18_N18P1_14P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.35	0.35
Min Limit	-0.35	-0.35

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.062	0.070	-0.008	-12.90%	1.14%
10	1	0.009	0.036	-0.027	-300.00%	3.86%
10	2	0.072	0.093	-0.021	-29.17%	3.00%
10	3	-0.074	-0.043	-0.031	41.89%	4.43%
20	4	-0.028	-0.004	-0.024	85.71%	3.43%
20	5	-0.069	-0.030	-0.039	56.52%	5.57%
20	6	-0.038	-0.005	-0.033	86.84%	4.71%
30	7	-0.075	-0.021	-0.054	72.00%	7.71%
30	8	0.073	0.087	-0.014	-19.18%	2.00%
30	9	-0.045	0.000	-0.045	100.00%	6.43%
50	10	-0.024	0.004	-0.028	116.67%	4.00%
50	11	-0.094	-0.057	-0.037	39.36%	5.29%
50	12	-0.091	-0.052	-0.039	42.86%	5.57%
Max		0.073	0.093	-0.008	116.67%	7.71%
Average		-0.025	0.006	-0.031	21.59%	4.40%
Min		-0.094	-0.057	-0.054	-300.00%	1.14%
Std Dev		0.061	0.051	0.013	106.98%	1.79%

TID Report



3902.0_CMRR_18_N18P1_14P5					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.35 uV/V				
Min Limit	-0.35 uV/V				
krad(Si)	0	10	20	30	50
LL	-0.350	-0.350	-0.350	-0.350	-0.350
Min	0.062	-0.074	-0.069	-0.075	-0.094
Average	0.062	0.002	-0.045	-0.016	-0.070
Max	0.062	0.072	-0.028	0.073	-0.024
UL	0.350	0.350	0.350	0.350	0.350

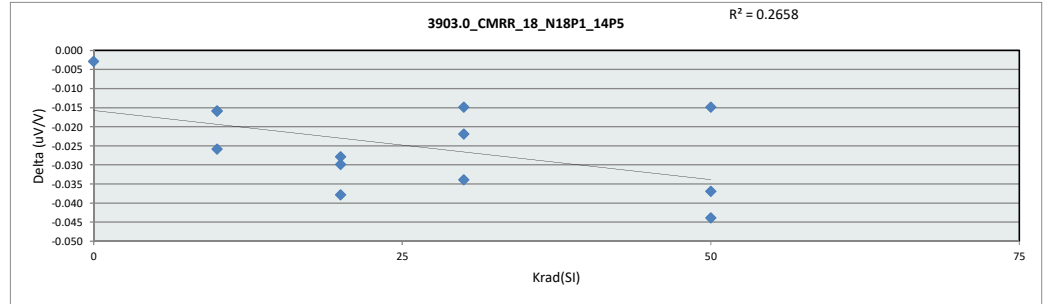


# HDR TID Report OPA4H014-SEP

3903.0_CMRR_18_N18P1_14P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.35	0.35
Min Limit	-0.35	-0.35

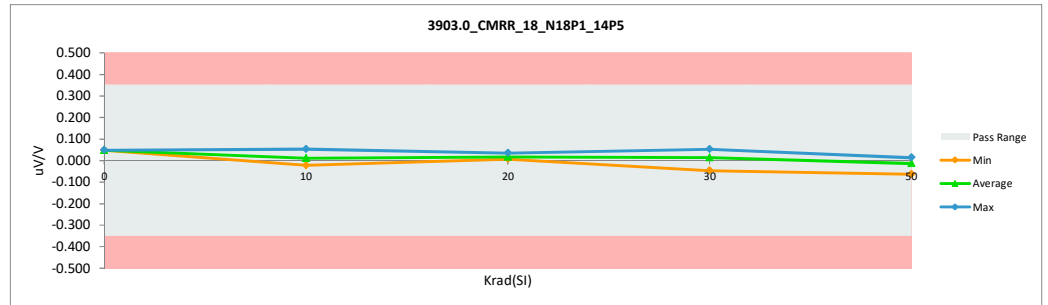
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.048	0.051	-0.003	-6.25%	0.43%
10	1	-0.023	-0.007	-0.016	69.57%	2.29%
10	2	0.001	0.017	-0.016	-1600.00%	2.29%
10	3	0.053	0.079	-0.026	-49.06%	3.71%
20	4	0.034	0.062	-0.028	-82.35%	4.00%
20	5	0.009	0.039	-0.030	-333.33%	4.29%
20	6	0.006	0.044	-0.038	-633.33%	5.43%
30	7	0.052	0.067	-0.015	-28.85%	2.14%
30	8	-0.047	-0.025	-0.022	46.81%	3.14%
30	9	0.034	0.068	-0.034	-100.00%	4.86%
50	10	0.010	0.054	-0.044	-440.00%	6.29%
50	11	-0.064	-0.027	-0.037	57.81%	5.29%
50	12	0.013	0.028	-0.015	-115.38%	2.14%
	Max	0.053	0.079	-0.003	69.57%	6.29%
	Average	0.010	0.035	-0.025	-247.26%	3.56%
	Min	-0.064	-0.027	-0.044	-1600.00%	0.43%
	Std Dev	0.037	0.035	0.012	457.78%	1.67%

TID Report



3903.0_CMRR_18_N18P1_14P5	
Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.35 uV/V
Min Limit	-0.35 uV/V

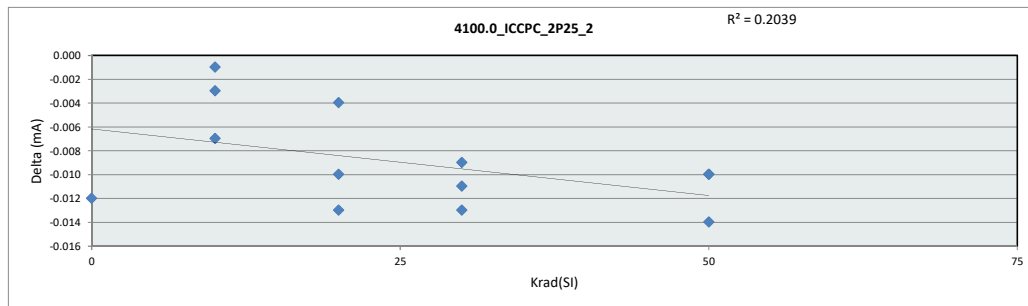
krad(Si)	0	10	20	30	50
LL	-0.350	-0.350	-0.350	-0.350	-0.350
Min	0.048	-0.023	0.006	-0.047	-0.064
Average	0.048	0.010	0.016	0.013	-0.014
Max	0.048	0.053	0.034	0.052	0.013
UL	0.350	0.350	0.350	0.350	0.350



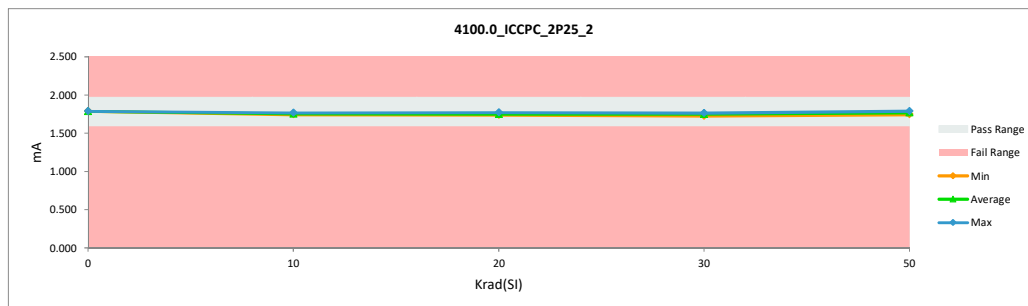
### HDR TID Report OPA4H014-SEP

4100.0_ICCPC_2P25_2		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	1.97	1.97
Min Limit	1.59	1.59

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	1.786	1.798	-0.012	-0.67%	3.16%
10	1	1.764	1.765	-0.001	-0.06%	0.26%
10	2	1.750	1.753	-0.003	-0.17%	0.79%
10	3	1.742	1.749	-0.007	-0.40%	1.84%
20	4	1.734	1.738	-0.004	-0.23%	1.05%
20	5	1.769	1.782	-0.013	-0.73%	3.42%
20	6	1.739	1.749	-0.010	-0.58%	2.63%
30	7	1.757	1.766	-0.009	-0.51%	2.37%
30	8	1.762	1.775	-0.013	-0.74%	3.42%
30	9	1.723	1.734	-0.011	-0.64%	2.89%
50	10	1.787	1.801	-0.014	-0.78%	3.68%
50	11	1.772	1.782	-0.010	-0.56%	2.63%
50	12	1.742	1.752	-0.010	-0.57%	2.63%
	Max	1.787	1.801	-0.001	-0.06%	3.68%
	Average	1.756	1.765	-0.009	-0.51%	2.37%
	Min	1.723	1.734	-0.014	-0.78%	0.26%
	Std Dev	0.020	0.022	0.004	0.23%	1.08%



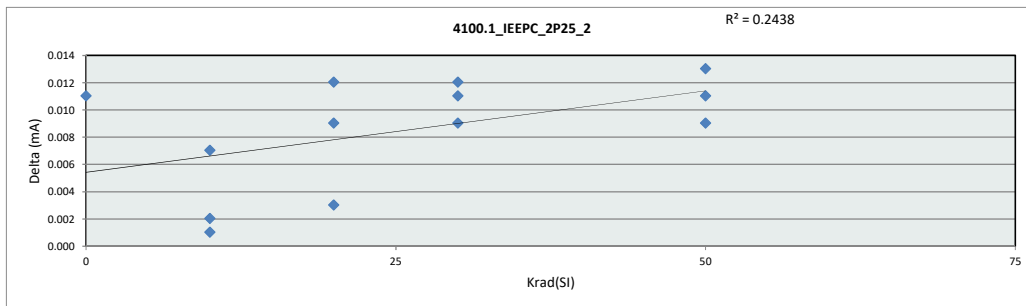
4100.0_ICCPC_2P25_2					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	1.97 mA				
Min Limit	1.59 mA				
krad(Si)	0	10	20	30	50
LL	1.590	1.590	1.590	1.590	1.590
Min	1.786	1.742	1.734	1.723	1.742
Average	1.786	1.752	1.747	1.747	1.767
Max	1.786	1.764	1.769	1.762	1.787
UL	1.970	1.970	1.970	1.970	1.970



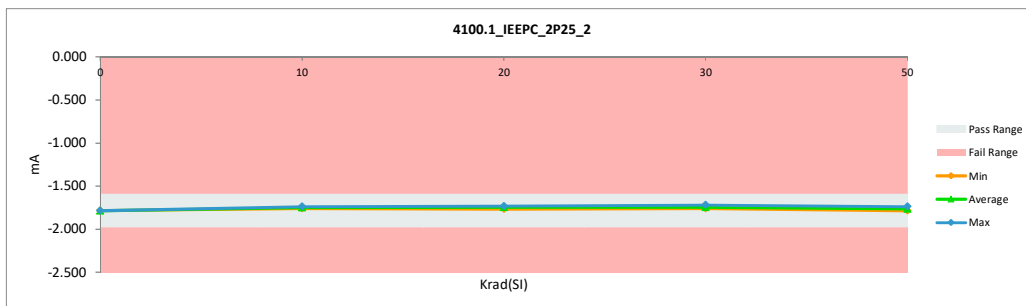
# HDR TID Report OPA4H014-SEP

4100.1_IEEPC_2P25_2		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-1.59	-1.59
Min Limit	-1.97	-1.97

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-1.786	-1.797	0.011	-0.62%	2.89%
10	1	-1.763	-1.764	0.001	-0.06%	0.26%
10	2	-1.750	-1.752	0.002	-0.11%	0.53%
10	3	-1.741	-1.748	0.007	-0.40%	1.84%
20	4	-1.734	-1.737	0.003	-0.17%	0.79%
20	5	-1.769	-1.781	0.012	-0.68%	3.16%
20	6	-1.739	-1.748	0.009	-0.52%	2.37%
30	7	-1.756	-1.765	0.009	-0.51%	2.37%
30	8	-1.762	-1.774	0.012	-0.68%	3.16%
30	9	-1.722	-1.733	0.011	-0.64%	2.89%
50	10	-1.787	-1.800	0.013	-0.73%	3.42%
50	11	-1.772	-1.781	0.009	-0.51%	2.37%
50	12	-1.741	-1.752	0.011	-0.63%	2.89%
Max		-1.722	-1.733	0.013	-0.06%	3.42%
Average		-1.756	-1.764	0.008	-0.48%	2.23%
Min		-1.787	-1.800	0.001	-0.73%	0.26%
Std Dev		0.020	0.022	0.004	0.23%	1.06%



4100.1_IEEPC_2P25_2					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	-1.59 mA				
Min Limit	-1.97 mA				
krad(Si)	0	10	20	30	50
LL	-1.970	-1.970	-1.970	-1.970	-1.970
Min	-1.786	-1.763	-1.769	-1.762	-1.787
Average	-1.786	-1.751	-1.747	-1.747	-1.767
Max	-1.786	-1.741	-1.734	-1.722	-1.741
UL	-1.590	-1.590	-1.590	-1.590	-1.590



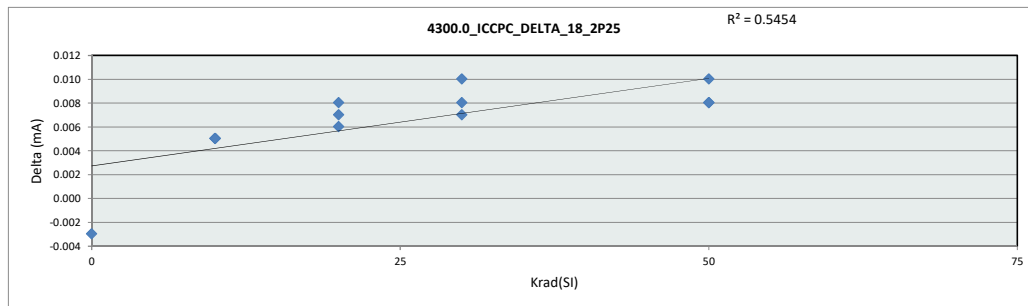


# HDR TID Report OPA4H014-SEP

## 4300.0\_ICCPC\_DELTA\_18\_2P25

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	0.35	0.35
Min Limit	0.05	0.05

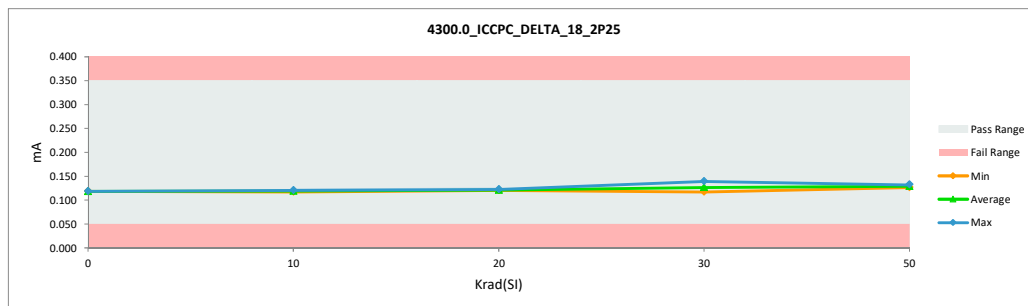
krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.118	0.121	-0.003	-2.54%	1.00%
10	1	0.120	0.115	0.005	4.17%	1.67%
10	2	0.119	0.114	0.005	4.20%	1.67%
10	3	0.117	0.112	0.005	4.27%	1.67%
20	4	0.120	0.112	0.008	6.67%	2.67%
20	5	0.122	0.116	0.006	4.92%	2.00%
20	6	0.121	0.114	0.007	5.79%	2.33%
30	7	0.124	0.116	0.008	6.45%	2.67%
30	8	0.139	0.129	0.010	7.19%	3.33%
30	9	0.117	0.110	0.007	5.98%	2.33%
50	10	0.129	0.121	0.008	6.20%	2.67%
50	11	0.126	0.118	0.008	6.35%	2.67%
50	12	0.132	0.122	0.010	7.58%	3.33%
	Max	0.139	0.129	0.010	7.58%	3.33%
	Average	0.123	0.117	0.006	5.17%	2.31%
	Min	0.117	0.110	-0.003	-2.54%	1.00%
	Std Dev	0.007	0.005	0.003	2.57%	0.69%



## 4300.0\_ICCPC\_DELTA\_18\_2P25

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	0.35 mA
Min Limit	0.05 mA

krad(Si)	0	10	20	30	50
LL	0.050	0.050	0.050	0.050	0.050
Min	0.118	0.117	0.120	0.117	0.126
Average	0.118	0.119	0.121	0.127	0.129
Max	0.118	0.120	0.122	0.139	0.132
UL	0.350	0.350	0.350	0.350	0.350



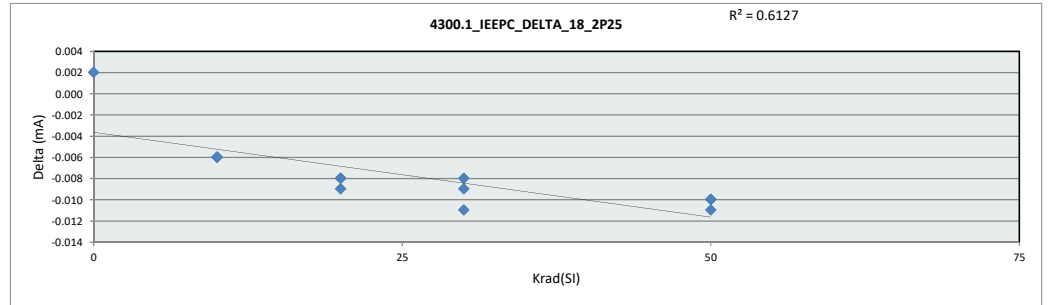
# HDR TID Report OPA4H014-SEP

## 4300.1\_IEEPC\_DELTA\_18\_2P25

Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-0.05	-0.05
Min Limit	-0.35	-0.35

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.117	-0.119	0.002	-1.71%	0.67%
10	1	-0.120	-0.114	-0.006	5.00%	2.00%
10	2	-0.119	-0.113	-0.006	5.04%	2.00%
10	3	-0.117	-0.111	-0.006	5.13%	2.00%
20	4	-0.120	-0.111	-0.009	7.50%	3.00%
20	5	-0.122	-0.114	-0.008	6.56%	2.67%
20	6	-0.120	-0.112	-0.008	6.67%	2.67%
30	7	-0.124	-0.115	-0.009	7.26%	3.00%
30	8	-0.138	-0.127	-0.011	7.97%	3.67%
30	9	-0.116	-0.108	-0.008	6.90%	2.67%
50	10	-0.129	-0.119	-0.010	7.75%	3.33%
50	11	-0.126	-0.116	-0.010	7.94%	3.33%
50	12	-0.131	-0.120	-0.011	8.40%	3.67%
Max		-0.116	-0.108	0.002	8.40%	3.67%
Average		-0.123	-0.115	-0.008	6.18%	2.67%
Min		-0.138	-0.127	-0.011	-1.71%	0.67%
Std Dev		0.006	0.005	0.003	2.64%	0.84%

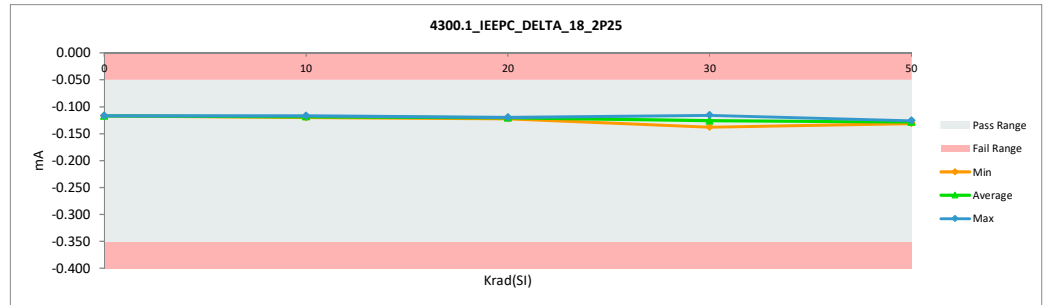
TID Report



## 4300.1\_IEEPC\_DELTA\_18\_2P25

Test Site	TI Dallas
Tester	ETS364
Test Number	EB6298
Max Limit	-0.05 mA
Min Limit	-0.35 mA

krad(Si)	0	10	20	30	50
LL	-0.350	-0.350	-0.350	-0.350	-0.350
Min	-0.117	-0.120	-0.122	-0.138	-0.131
Average	-0.117	-0.119	-0.121	-0.126	-0.129
Max	-0.117	-0.117	-0.120	-0.116	-0.126
UL	-0.050	-0.050	-0.050	-0.050	-0.050

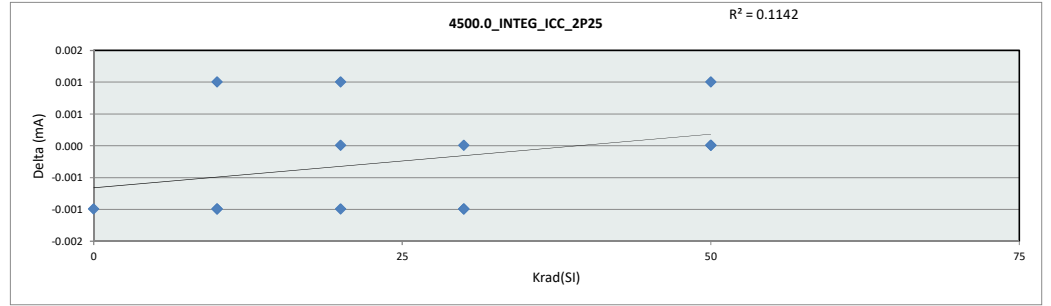


# HDR TID Report OPA4H014-SEP

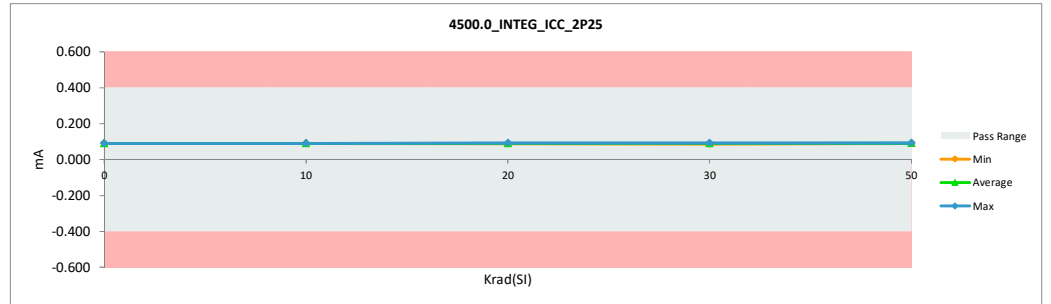
4500.0_INTEG_ICC_2P25		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	0.4	0.4
Min Limit	-0.4	-0.4

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	0.089	0.090	-0.001	-1.12%	0.13%
10	1	0.090	0.091	-0.001	-1.11%	0.12%
10	2	0.089	0.090	-0.001	-1.12%	0.13%
10	3	0.090	0.089	0.001	1.11%	0.13%
20	4	0.090	0.091	-0.001	-1.11%	0.12%
20	5	0.092	0.091	0.001	1.09%	0.13%
20	6	0.088	0.088	0.000	0.00%	0.00%
30	7	0.089	0.090	-0.001	-1.12%	0.13%
30	8	0.092	0.092	0.000	0.00%	0.00%
30	9	0.086	0.087	-0.001	-1.16%	0.12%
50	10	0.092	0.091	0.001	1.09%	0.13%
50	11	0.091	0.091	0.000	0.00%	0.00%
50	12	0.089	0.089	0.000	0.00%	0.00%
	Max	0.092	0.092	0.001	1.11%	0.13%
	Average	0.090	0.090	0.000	-0.27%	0.09%
	Min	0.086	0.087	-0.001	-1.16%	0.00%
	Std Dev	0.002	0.001	0.001	0.93%	0.06%

TID Report



4500.0_INTEG_ICC_2P25					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.4	mA			
Min Limit	-0.4	mA			
krad(Si)	0	10	20	30	50
LL	-0.400	-0.400	-0.400	-0.400	-0.400
Min	0.089	0.089	0.088	0.086	0.089
Average	0.089	0.090	0.090	0.089	0.091
Max	0.089	0.090	0.092	0.092	0.092
UL	0.400	0.400	0.400	0.400	0.400

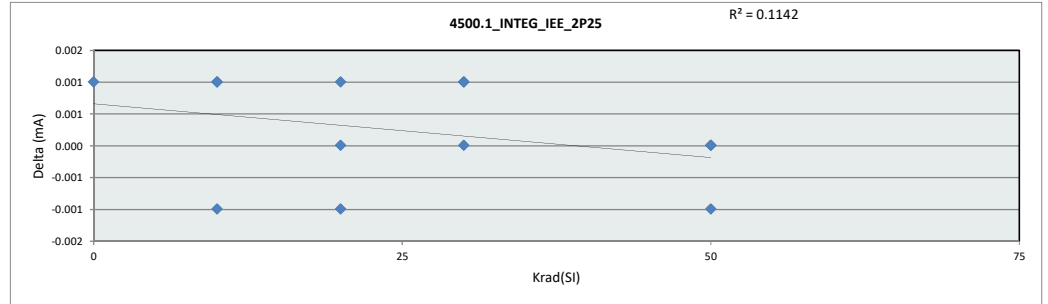


# HDR TID Report OPA4H014-SEP

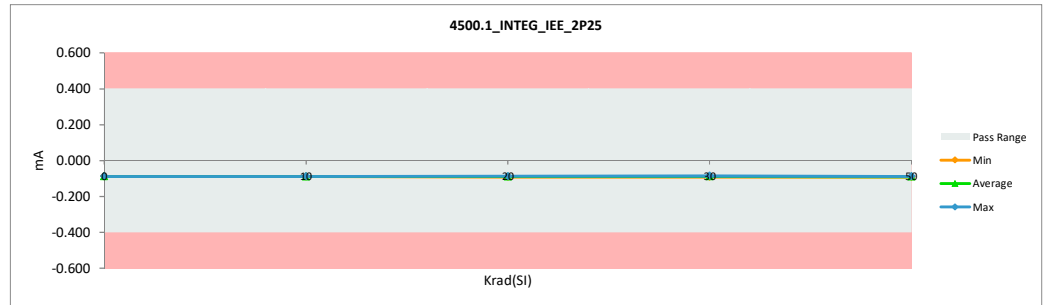
4500.1_INTEG_IEE_2P25		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	0.4	0.4
Min Limit	-0.4	-0.4

krad(Si)	Serial #	POST ANNEAL	PRE HDR	Delta	Delta %	% of Limit Range
0	16	-0.089	-0.090	0.001	-1.12%	0.13%
10	1	-0.090	-0.091	0.001	-1.11%	0.12%
10	2	-0.089	-0.090	0.001	-1.12%	0.13%
10	3	-0.090	-0.089	-0.001	1.11%	0.13%
20	4	-0.090	-0.091	0.001	-1.11%	0.12%
20	5	-0.092	-0.091	-0.001	1.09%	0.13%
20	6	-0.088	-0.088	0.000	0.00%	0.00%
30	7	-0.089	-0.090	0.001	-1.12%	0.13%
30	8	-0.092	-0.092	0.000	0.00%	0.00%
30	9	-0.086	-0.087	0.001	-1.16%	0.12%
50	10	-0.092	-0.091	-0.001	1.09%	0.13%
50	11	-0.091	-0.091	0.000	0.00%	0.00%
50	12	-0.089	-0.089	0.000	0.00%	0.00%
Max		-0.086	-0.087	0.001	1.11%	0.13%
Average		-0.090	-0.090	0.000	-0.27%	0.09%
Min		-0.092	-0.092	-0.001	-1.16%	0.00%
Std Dev		0.002	0.001	0.001	0.93%	0.06%

TID Report



4500.1_INTEG_IEE_2P25					
Test Site	TI Dallas				
Tester	ETS364				
Test Number	EB6298				
Max Limit	0.4	mA			
Min Limit	-0.4	mA			
krad(Si)	0	10	20	30	50
LL	-0.400	-0.400	-0.400	-0.400	-0.400
Min	-0.089	-0.090	-0.092	-0.092	-0.092
Average	-0.089	-0.090	-0.090	-0.089	-0.091
Max	-0.089	-0.089	-0.088	-0.086	-0.089
UL	0.400	0.400	0.400	0.400	0.400



## **B Low Dose Rate Total Ionizing Dose Report**

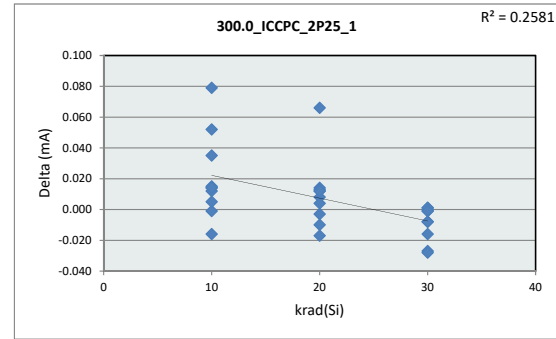
This appendix provides the OPA4H014-SEP LDR TID report. The report shows the variation for each parameter up to 30 krad(Si).

LDR TID Report  
OPA4H014-SEP

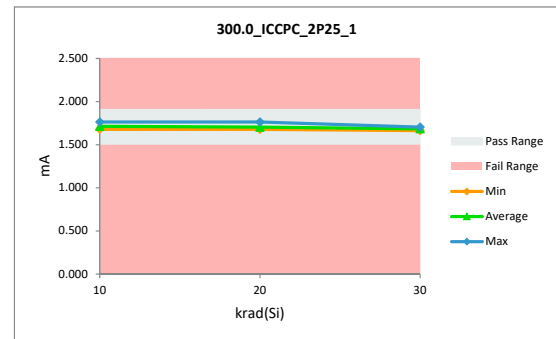
LDR TID Report  
OPA4H014-SEP

300.0_ICCPC_2P25_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	1.91	1.91
Min Limit	1.5	1.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	1.703	1.755	0.052	3.05%	12.68%
10	2b	1.693	1.728	0.035	2.07%	8.54%
10	3b	1.680	1.679	-0.001	-0.06%	0.24%
10	4b	1.697	1.712	0.015	0.88%	3.66%
10	5b	1.687	1.701	0.014	0.83%	3.41%
10	6b	1.704	1.716	0.012	0.70%	2.93%
10	7b	1.699	1.704	0.005	0.29%	1.22%
10	8b	1.683	1.762	0.079	4.69%	19.27%
10	9b	1.678	1.692	0.014	0.83%	3.41%
10	10b	1.701	1.685	-0.016	-0.94%	3.90%
20	1c	1.703	1.693	-0.010	-0.59%	2.44%
20	2c	1.693	1.701	0.008	0.47%	1.95%
20	3c	1.680	1.677	-0.003	-0.18%	0.73%
20	4c	1.697	1.763	0.066	3.89%	16.10%
20	5c	1.687	1.701	0.014	0.83%	3.41%
20	6c	1.704	1.716	0.012	0.70%	2.93%
20	7c	1.699	1.703	0.004	0.24%	0.98%
20	8c	1.683	1.696	0.013	0.77%	3.17%
20	9c	1.678	1.690	0.012	0.72%	2.93%
20	10c	1.701	1.684	-0.017	-1.00%	4.15%
30	1d	1.703	1.676	-0.027	-1.59%	6.59%
30	2d	1.693	1.685	-0.008	-0.47%	1.95%
30	3d	1.680	1.664	-0.016	-0.95%	3.90%
30	4d	1.697	1.696	-0.001	-0.06%	0.24%
30	5d	1.687	1.688	0.001	0.06%	0.24%
30	6d	1.704	1.704	0.000	0.00%	0.00%
30	7d	1.699	1.691	-0.008	-0.47%	1.95%
30	8d	1.683	1.684	0.001	0.06%	0.24%
30	9d	1.678	1.677	-0.001	-0.06%	0.24%
30	10d	1.701	1.673	-0.028	-1.65%	6.83%
	Max	1.704	1.763	0.079	4.69%	19.27%
	Average	1.692	1.700	0.007	0.44%	4.01%
	Min	1.678	1.664	-0.028	-1.65%	0.00%
	Std Dev	0.009	0.025	0.024	1.43%	4.64%



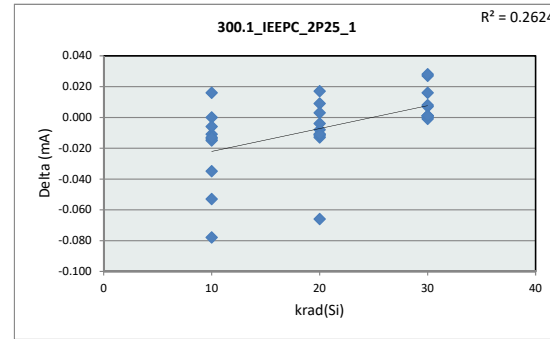
300.0_ICCPC_2P25_1			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.91	mA	
Min Limit	1.5	mA	
krad(Si)	10	20	30
LL	1.500	1.500	1.500
Min	1.679	1.677	1.664
Average	1.713	1.702	1.684
Max	1.762	1.763	1.704
UL	1.910	1.910	1.910



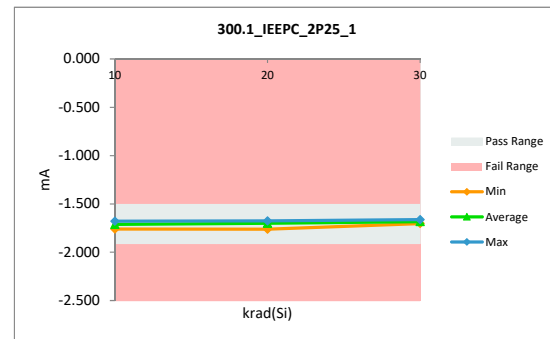
# LDR TID Report OPA4H014-SEP

300.1_IEEPC_2P25_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-1.5	-1.5
Min Limit	-1.91	-1.91

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-1.702	-1.755	-0.053	3.11%	12.93%
10	2b	-1.692	-1.727	-0.035	2.07%	8.54%
10	3b	-1.679	-1.679	0.000	0.00%	0.00%
10	4b	-1.696	-1.711	-0.015	0.88%	3.66%
10	5b	-1.687	-1.701	-0.014	0.83%	3.41%
10	6b	-1.704	-1.715	-0.011	0.65%	2.68%
10	7b	-1.698	-1.704	-0.006	0.35%	1.46%
10	8b	-1.683	-1.761	-0.078	4.63%	19.02%
10	9b	-1.678	-1.691	-0.013	0.77%	3.17%
10	10b	-1.700	-1.684	0.016	-0.94%	3.90%
20	1c	-1.702	-1.693	0.009	-0.53%	2.20%
20	2c	-1.692	-1.700	-0.008	0.47%	1.95%
20	3c	-1.679	-1.676	0.003	-0.18%	0.73%
20	4c	-1.696	-1.762	-0.066	3.89%	16.10%
20	5c	-1.687	-1.700	-0.013	0.77%	3.17%
20	6c	-1.704	-1.715	-0.011	0.65%	2.68%
20	7c	-1.698	-1.702	-0.004	0.24%	0.98%
20	8c	-1.683	-1.695	-0.012	0.71%	2.93%
20	9c	-1.678	-1.689	-0.011	0.66%	2.68%
20	10c	-1.700	-1.683	0.017	-1.00%	4.15%
30	1d	-1.702	-1.675	0.027	-1.59%	6.59%
30	2d	-1.692	-1.685	0.007	-0.41%	1.71%
30	3d	-1.679	-1.663	0.016	-0.95%	3.90%
30	4d	-1.696	-1.695	0.001	-0.06%	0.24%
30	5d	-1.687	-1.687	0.000	0.00%	0.00%
30	6d	-1.704	-1.703	0.001	-0.06%	0.24%
30	7d	-1.698	-1.690	0.008	-0.47%	1.95%
30	8d	-1.683	-1.684	-0.001	0.06%	0.24%
30	9d	-1.678	-1.677	0.001	-0.06%	0.24%
30	10d	-1.700	-1.672	0.028	-1.65%	6.83%
	Max	-1.678	-1.663	0.028	4.63%	19.02%
	Average	-1.692	-1.699	-0.007	0.43%	3.94%
	Min	-1.704	-1.762	-0.078	-1.65%	0.00%
	Std Dev	0.009	0.025	0.024	1.42%	4.65%



300.1_IEEPC_2P25_1			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-1.5	mA	
Min Limit	-1.91	mA	
krad(Si)	10	20	30
LL	-1.910	-1.910	-1.910
Min	-1.761	-1.762	-1.703
Average	-1.713	-1.702	-1.683
Max	-1.679	-1.676	-1.663
UL	-1.500	-1.500	-1.500

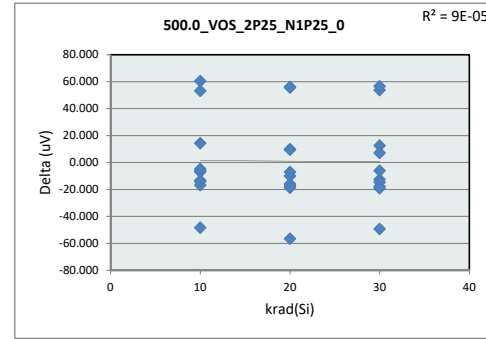




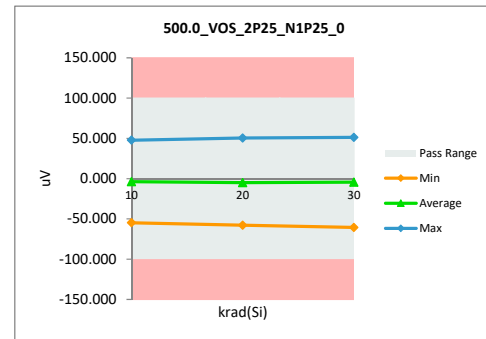
# LDR TID Report OPA4H014-SEP

500.0_VOS_2P25_N1P25_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	100	100
Min Limit	-100	-100

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	19.070	12.840	-6.230	-32.67%	3.11%
10	2b	13.650	27.930	14.280	104.62%	7.14%
10	3b	-28.150	32.180	60.330	-214.32%	30.16%
10	4b	7.540	-40.900	-48.440	-642.44%	24.22%
10	5b	-47.880	-54.810	-6.930	14.47%	3.47%
10	6b	-5.330	47.760	53.090	-996.06%	26.54%
10	7b	-45.700	-50.560	-4.860	10.63%	2.43%
10	8b	15.380	-1.400	-16.780	-109.10%	8.39%
10	9b	14.890	1.460	-13.430	-90.19%	6.72%
10	10b	1.440	-12.600	-14.040	-975.00%	7.02%
20	1c	19.070	28.600	9.530	49.97%	4.77%
20	2c	13.650	23.370	9.720	71.21%	4.86%
20	3c	-28.150	27.910	56.060	-199.15%	28.03%
20	4c	7.540	-49.100	-56.640	-751.19%	28.32%
20	5c	-47.880	-57.900	-10.020	20.93%	5.01%
20	6c	-5.330	50.290	55.620	-1043.53%	27.81%
20	7c	-45.700	-52.750	-7.050	15.43%	3.52%
20	8c	15.380	-2.020	-17.400	-113.13%	8.70%
20	9c	14.890	-1.130	-16.020	-107.59%	8.01%
20	10c	1.440	-17.340	-18.780	-1304.17%	9.39%
30	1d	19.070	31.620	12.550	65.81%	6.28%
30	2d	13.650	20.700	7.050	51.65%	3.53%
30	3d	-28.150	25.580	53.730	-190.87%	26.86%
30	4d	7.540	-41.800	-49.340	-654.38%	24.67%
30	5d	-47.880	-60.600	-12.720	26.57%	6.36%
30	6d	-5.330	51.200	56.530	-1060.60%	28.27%
30	7d	-45.700	-51.860	-6.160	13.48%	3.08%
30	8d	15.380	-2.530	-17.910	-116.45%	8.96%
30	9d	14.890	0.190	-14.700	-98.72%	7.35%
30	10d	1.440	-17.800	-19.240	-1336.11%	9.62%
	Max	19.070	51.200	60.330	104.62%	30.16%
	Average	-5.509	-4.449	1.060	-319.70%	12.42%
	Min	-47.880	-60.600	-56.640	-1336.11%	2.43%
	Std Dev	24.842	36.067	32.306	462.37%	10.08%



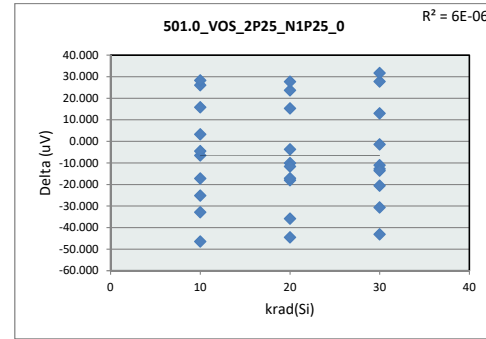
500.0_VOS_2P25_N1P25_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	100	uV	
Min Limit	-100	uV	
	krad(Si)	10	20
LL		-100.000	-100.000
Min		-54.810	-57.900
Average		-3.810	-5.007
Max		47.760	50.290
UL		100.000	100.000



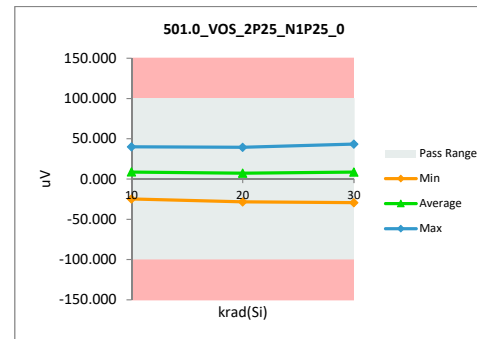
LDR TID Report  
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501.0_VOS_2P25_N1P25_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	100	100
Min Limit	-100	-100

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	42.720	-3.720	-46.440	-108.71%	23.22%
10	2b	19.660	35.470	15.810	80.42%	7.91%
10	3b	20.370	3.120	-17.250	-84.68%	8.63%
10	4b	30.300	-2.560	-32.860	-108.45%	16.43%
10	5b	-18.270	-24.810	-6.540	35.80%	3.27%
10	6b	26.930	22.410	-4.520	-16.78%	2.26%
10	7b	4.430	7.730	3.300	74.49%	1.65%
10	8b	24.300	-0.870	-25.170	-103.58%	12.58%
10	9b	-15.720	10.360	26.080	-165.90%	13.04%
10	10b	11.670	39.930	28.260	242.16%	14.13%
20	1c	42.720	-1.840	-44.560	-104.31%	22.28%
20	2c	19.660	34.930	15.270	77.67%	7.64%
20	3c	20.370	2.350	-18.020	-88.46%	9.01%
20	4c	30.300	-5.560	-35.860	-118.35%	17.93%
20	5c	-18.270	-28.340	-10.070	55.12%	5.03%
20	6c	26.930	15.270	-11.660	-43.30%	5.83%
20	7c	4.430	0.700	-3.730	-84.20%	1.86%
20	8c	24.300	7.180	-17.120	-70.45%	8.56%
20	9c	-15.720	7.970	23.690	-150.70%	11.85%
20	10c	11.670	39.390	27.720	237.53%	13.86%
30	1d	42.720	-0.410	-43.130	-100.96%	21.57%
30	2d	19.660	32.660	13.000	66.12%	6.50%
30	3d	20.370	-0.160	-20.530	-100.79%	10.27%
30	4d	30.300	-0.310	-30.610	-101.02%	15.30%
30	5d	-18.270	-29.340	-11.070	60.59%	5.53%
30	6d	26.930	14.160	-12.770	-47.42%	6.39%
30	7d	4.430	3.050	-1.380	-31.15%	0.69%
30	8d	24.300	10.720	-13.580	-55.88%	6.79%
30	9d	-15.720	12.030	27.750	-176.53%	13.88%
30	10d	11.670	43.330	31.660	271.29%	15.83%
	Max	42.720	43.330	31.660	271.29%	23.22%
	Average	14.639	8.161	-6.478	-22.01%	10.32%
	Min	-18.270	-29.340	-46.440	-176.53%	0.69%
	Std Dev	18.903	18.945	23.523	119.08%	6.24%



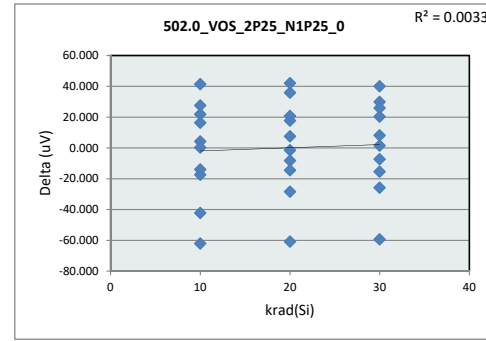
501.0_VOS_2P25_N1P25_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	100	uV	
Min Limit	-100	uV	
krad(Si)	10	20	30
LL	-100.000	-100.000	-100.000
Min	-24.810	-28.340	-29.340
Average	8.706	7.205	8.573
Max	39.930	39.390	43.330
UL	100.000	100.000	100.000



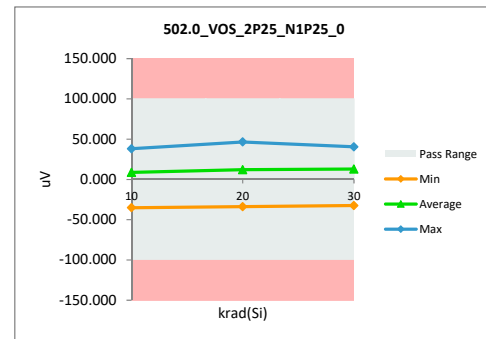
LDR TID Report  
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502.0_VOS_2P25_N1P25_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	100	100
Min Limit	-100	-100

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	18.510	1.100	-17.410	-94.06%	8.71%
10	2b	-21.670	19.700	41.370	-190.91%	20.69%
10	3b	7.520	11.670	4.150	55.19%	2.08%
10	4b	10.630	38.150	27.520	258.89%	13.76%
10	5b	2.930	3.120	0.190	6.48%	0.09%
10	6b	-8.500	7.820	16.320	-192.00%	8.16%
10	7b	26.970	-35.160	-62.130	-230.37%	31.06%
10	8b	35.010	-7.230	-42.240	-120.65%	21.12%
10	9b	9.540	31.360	21.820	228.72%	10.91%
10	10b	30.320	16.350	-13.970	-46.08%	6.98%
20	1c	18.510	10.160	-8.350	-45.11%	4.18%
20	2c	-21.670	20.280	41.950	-193.59%	20.98%
20	3c	7.520	14.990	7.470	99.34%	3.73%
20	4c	10.630	46.500	35.870	337.44%	17.93%
20	5c	2.930	1.350	-1.580	-53.92%	0.79%
20	6c	-8.500	9.170	17.670	-207.88%	8.84%
20	7c	26.970	-33.930	-60.900	-225.81%	30.45%
20	8c	35.010	6.530	-28.480	-81.35%	14.24%
20	9c	9.540	30.220	20.680	216.77%	10.34%
20	10c	30.320	15.800	-14.520	-47.89%	7.26%
30	1d	18.510	11.110	-7.400	-39.98%	3.70%
30	2d	-21.670	18.340	40.010	-184.63%	20.01%
30	3d	7.520	15.680	8.160	108.51%	4.08%
30	4d	10.630	40.420	29.790	280.24%	14.89%
30	5d	2.930	4.390	1.460	49.83%	0.73%
30	6d	-8.500	11.730	20.230	-238.00%	10.11%
30	7d	26.970	-32.430	-59.400	-220.24%	29.70%
30	8d	35.010	9.120	-25.890	-73.95%	12.94%
30	9d	9.540	35.430	25.890	271.38%	12.95%
30	10d	30.320	14.810	-15.510	-51.15%	7.75%
	Max	35.010	46.500	41.950	337.44%	31.06%
	Average	11.126	11.218	0.092	-20.83%	11.97%
	Min	-21.670	-35.160	-62.130	-238.00%	0.09%
	Std Dev	16.983	19.710	30.027	175.47%	8.78%



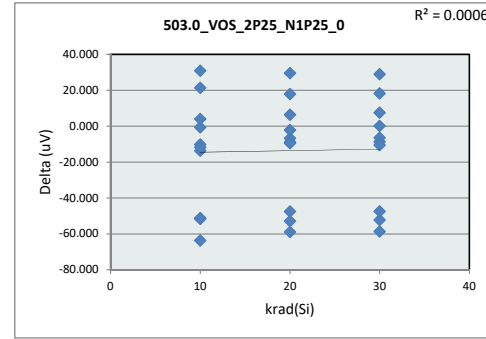
502.0_VOS_2P25_N1P25_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	100	uV	
Min Limit	-100	uV	
krad(Si)	10	20	30
LL	-100.000	-100.000	-100.000
Min	-35.160	-33.930	-32.430
Average	8.688	12.107	12.860
Max	38.150	46.500	40.420
UL	100.000	100.000	100.000



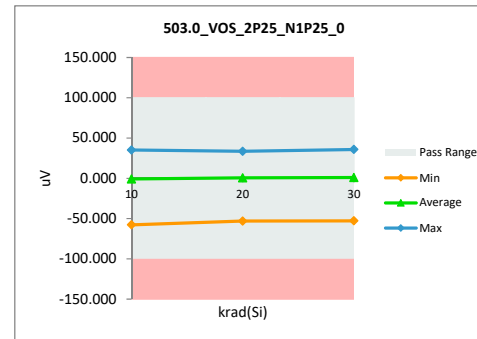
# LDR TID Report OPA4H014-SEP

503.0_VOS_2P25_N1P25_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	100	100
Min Limit	-100	-100

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.320	-9.880	-10.200	-3187.50%	5.10%
10	2b	13.730	0.060	-13.670	-99.56%	6.83%
10	3b	23.550	11.700	-11.850	-50.32%	5.92%
10	4b	-22.170	-0.810	21.360	-96.35%	10.68%
10	5b	35.720	35.010	-0.710	-1.99%	0.36%
10	6b	6.710	10.670	3.960	59.02%	1.98%
10	7b	0.460	31.340	30.880	6713.04%	15.44%
10	8b	5.890	-57.800	-63.690	-1081.32%	31.84%
10	9b	24.430	-27.260	-51.690	-211.58%	25.85%
10	10b	49.840	-1.350	-51.190	-102.71%	25.60%
20	1c	0.320	-6.430	-6.750	-2109.37%	3.37%
20	2c	13.730	4.870	-8.860	-64.53%	4.43%
20	3c	23.550	14.010	-9.540	-40.51%	4.77%
20	4c	-22.170	-4.290	17.880	-80.65%	8.94%
20	5c	35.720	33.520	-2.200	-6.16%	1.10%
20	6c	6.710	13.110	6.400	95.38%	3.20%
20	7c	0.460	30.010	29.550	6423.91%	14.78%
20	8c	5.890	-53.070	-58.960	-1001.02%	29.48%
20	9c	24.430	-28.430	-52.860	-216.37%	26.43%
20	10c	49.840	2.270	-47.570	-95.45%	23.79%
30	1d	0.320	-6.140	-6.460	-2018.75%	3.23%
30	2d	13.730	5.040	-8.690	-63.29%	4.34%
30	3d	23.550	12.960	-10.590	-44.97%	5.29%
30	4d	-22.170	-3.950	18.220	-82.18%	9.11%
30	5d	35.720	35.820	0.100	0.28%	0.05%
30	6d	6.710	14.260	7.550	112.52%	3.78%
30	7d	0.460	29.330	28.870	6276.09%	14.43%
30	8d	5.890	-52.830	-58.720	-996.94%	29.36%
30	9d	24.430	-27.890	-52.320	-214.16%	26.16%
30	10d	49.840	2.390	-47.450	-95.20%	23.73%
	Max	49.840	35.820	30.880	6713.04%	31.84%
	Average	13.848	0.208	-13.640	257.31%	12.31%
	Min	-22.170	-57.800	-63.690	-3187.50%	0.05%
	Std Dev	19.706	25.539	29.653	2242.41%	10.54%



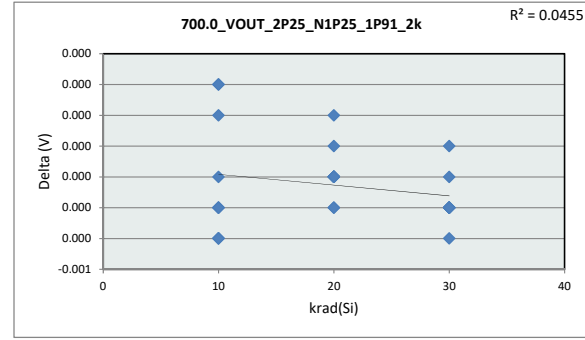
503.0_VOS_2P25_N1P25_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	100	uV	
Min Limit	-100	uV	
krad(Si)	10	20	30
LL	-100.000	-100.000	-100.000
Min	-57.800	-53.070	-52.830
Average	-0.832	0.557	0.899
Max	35.010	33.520	35.820
UL	100.000	100.000	100.000



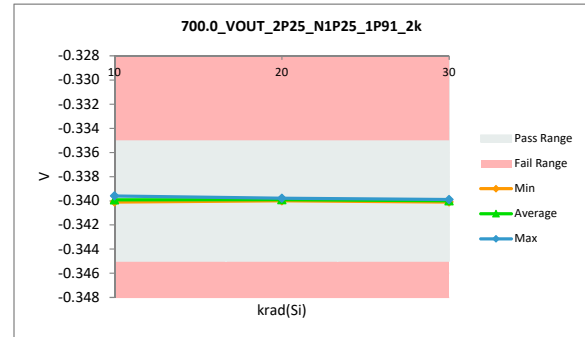
# LDR TID Report OPA4H014-SEP

700.0_VOUT_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.340	-0.340	0.000	0.06%	2.00%
10	2b	-0.340	-0.340	0.000	0.09%	3.00%
10	3b	-0.340	-0.340	0.000	0.12%	4.00%
10	4b	-0.340	-0.340	0.000	0.12%	4.00%
10	5b	-0.340	-0.340	0.000	-0.03%	1.00%
10	6b	-0.340	-0.340	0.000	-0.03%	1.00%
10	7b	-0.340	-0.340	0.000	0.12%	4.00%
10	8b	-0.340	-0.340	0.000	0.09%	3.00%
10	9b	-0.340	-0.340	0.000	0.00%	0.00%
10	10b	-0.340	-0.340	0.000	0.09%	3.00%
20	1c	-0.340	-0.340	0.000	0.00%	0.00%
20	2c	-0.340	-0.340	0.000	0.09%	3.00%
20	3c	-0.340	-0.340	0.000	0.06%	2.00%
20	4c	-0.340	-0.340	0.000	0.06%	2.00%
20	5c	-0.340	-0.340	0.000	0.09%	3.00%
20	6c	-0.340	-0.340	0.000	0.06%	2.00%
20	7c	-0.340	-0.340	0.000	0.06%	2.00%
20	8c	-0.340	-0.340	0.000	0.06%	2.00%
20	9c	-0.340	-0.340	0.000	0.06%	2.00%
20	10c	-0.340	-0.340	0.000	0.03%	1.00%
30	1d	-0.340	-0.340	0.000	0.03%	1.00%
30	2d	-0.340	-0.340	0.000	0.12%	4.00%
30	3d	-0.340	-0.340	0.000	0.09%	3.00%
30	4d	-0.340	-0.340	0.000	0.09%	3.00%
30	5d	-0.340	-0.340	0.000	0.09%	3.00%
30	6d	-0.340	-0.340	0.000	0.09%	3.00%
30	7d	-0.340	-0.340	0.000	0.09%	3.00%
30	8d	-0.340	-0.340	0.000	0.09%	3.00%
30	9d	-0.340	-0.340	0.000	0.09%	3.00%
30	10d	-0.340	-0.340	0.000	0.06%	2.00%
	Max	-0.340	-0.340	0.000	0.12%	4.00%
	Average	-0.340	-0.340	0.000	0.07%	2.40%
	Min	-0.340	-0.340	0.000	-0.03%	0.00%
	Std Dev	0.000	0.000	0.000	0.04%	1.10%



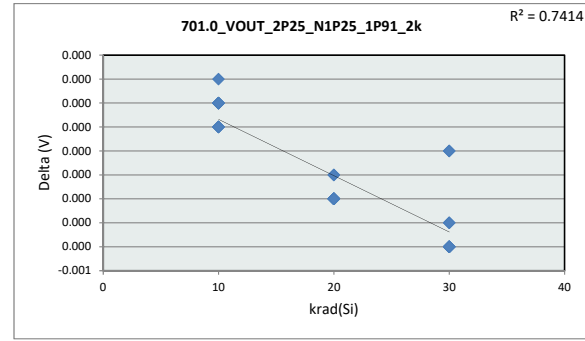
700.0_VOUT_2P25_N1P25_1P91_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.335	V	
Min Limit	-0.345	V	
krad(Si)	10	20	30
LL	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335



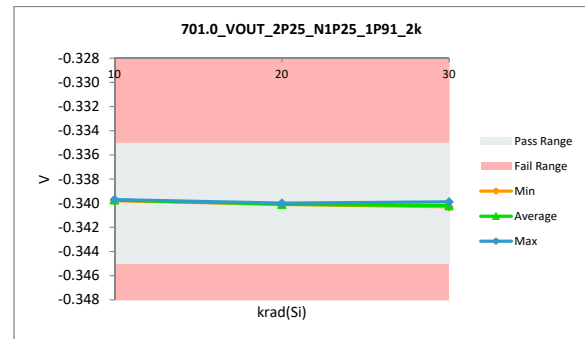
LDR TID Report  
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701.0_VOUT_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.340	-0.340	0.000	-0.09%	3.00%
10	2b	-0.340	-0.340	0.000	-0.03%	1.00%
10	3b	-0.340	-0.340	0.000	-0.03%	1.00%
10	4b	-0.340	-0.340	0.000	-0.06%	2.00%
10	5b	-0.340	-0.340	0.000	-0.03%	1.00%
10	6b	-0.340	-0.340	0.000	-0.06%	2.00%
10	7b	-0.340	-0.340	0.000	-0.06%	2.00%
10	8b	-0.340	-0.340	0.000	-0.06%	2.00%
10	9b	-0.340	-0.340	0.000	-0.03%	1.00%
10	10b	-0.340	-0.340	0.000	-0.06%	2.00%
20	1c	-0.340	-0.340	0.000	0.03%	1.00%
20	2c	-0.340	-0.340	0.000	0.06%	2.00%
20	3c	-0.340	-0.340	0.000	0.06%	2.00%
20	4c	-0.340	-0.340	0.000	0.03%	1.00%
20	5c	-0.340	-0.340	0.000	0.06%	2.00%
20	6c	-0.340	-0.340	0.000	0.06%	2.00%
20	7c	-0.340	-0.340	0.000	0.06%	2.00%
20	8c	-0.340	-0.340	0.000	0.06%	2.00%
20	9c	-0.340	-0.340	0.000	0.06%	2.00%
20	10c	-0.340	-0.340	0.000	0.06%	2.00%
30	1d	-0.340	-0.340	0.000	0.00%	0.00%
30	2d	-0.340	-0.340	0.000	0.00%	0.00%
30	3d	-0.340	-0.340	0.000	0.12%	4.00%
30	4d	-0.340	-0.340	0.000	0.12%	4.00%
30	5d	-0.340	-0.340	0.000	0.12%	4.00%
30	6d	-0.340	-0.340	0.000	0.12%	4.00%
30	7d	-0.340	-0.340	0.000	0.12%	4.00%
30	8d	-0.340	-0.340	0.000	0.12%	4.00%
30	9d	-0.340	-0.340	0.000	0.09%	3.00%
30	10d	-0.340	-0.340	0.000	0.09%	3.00%
	Max	-0.340	-0.340	0.000	0.12%	4.00%
	Average	-0.340	-0.340	0.000	0.03%	2.17%
	Min	-0.340	-0.340	0.000	-0.09%	0.00%
	Std Dev	0.000	0.000	0.000	0.07%	1.18%



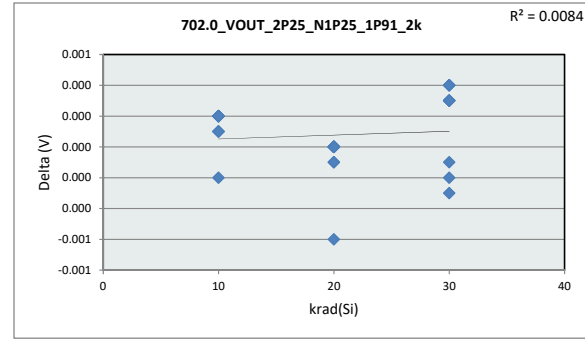
701.0_VOUT_2P25_N1P25_1P91			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.335	V	
Min Limit	-0.345	V	
krad(Si)	10	20	30
LL	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335



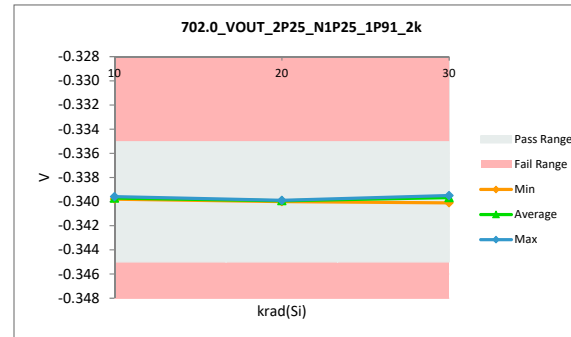
# LDR TID Report OPA4H014-SEP

702.0_VOUT_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.339	-0.340	0.000	0.06%	2.00%
10	2b	-0.340	-0.340	0.000	-0.06%	2.00%
10	3b	-0.340	-0.340	0.000	-0.06%	2.00%
10	4b	-0.340	-0.340	0.000	-0.06%	2.00%
10	5b	-0.340	-0.340	0.000	-0.03%	1.00%
10	6b	-0.340	-0.340	0.000	-0.03%	1.00%
10	7b	-0.340	-0.340	0.000	-0.06%	2.00%
10	8b	-0.340	-0.340	0.000	-0.06%	2.00%
10	9b	-0.340	-0.340	0.000	-0.03%	1.00%
10	10b	-0.340	-0.340	0.000	-0.06%	2.00%
20	1c	-0.339	-0.340	-0.001	0.18%	6.00%
20	2c	-0.340	-0.340	0.000	0.00%	0.00%
20	3c	-0.340	-0.340	0.000	0.00%	0.00%
20	4c	-0.340	-0.340	0.000	0.00%	0.00%
20	5c	-0.340	-0.340	0.000	0.03%	1.00%
20	6c	-0.340	-0.340	0.000	0.00%	0.00%
20	7c	-0.340	-0.340	0.000	0.03%	1.00%
20	8c	-0.340	-0.340	0.000	0.00%	0.00%
20	9c	-0.340	-0.340	0.000	0.00%	0.00%
20	10c	-0.340	-0.340	0.000	0.00%	0.00%
30	1d	-0.339	-0.340	0.000	0.09%	3.00%
30	2d	-0.340	-0.340	0.000	-0.09%	3.00%
30	3d	-0.340	-0.340	0.000	-0.09%	3.00%
30	4d	-0.340	-0.340	0.000	-0.09%	3.00%
30	5d	-0.340	-0.340	0.000	-0.12%	4.00%
30	6d	-0.340	-0.340	0.000	-0.09%	3.00%
30	7d	-0.340	-0.340	0.000	-0.12%	4.00%
30	8d	-0.340	-0.340	0.000	0.03%	1.00%
30	9d	-0.340	-0.340	0.000	0.06%	2.00%
30	10d	-0.340	-0.340	0.000	-0.12%	4.00%
	Max	-0.339	-0.340	0.000	0.18%	6.00%
	Average	-0.340	-0.340	0.000	-0.02%	1.83%
	Min	-0.340	-0.340	-0.001	-0.12%	0.00%
	Std Dev	0.000	0.000	0.000	0.07%	1.51%



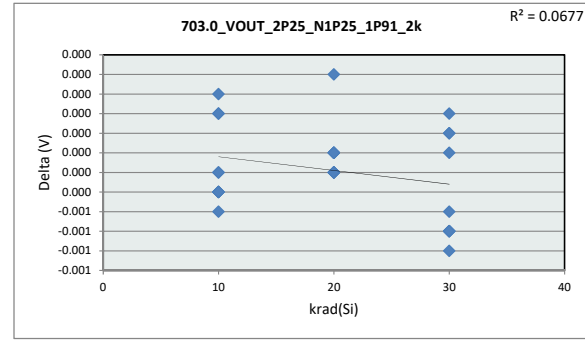
702.0_VOUT_2P25_N1P25_1P91			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.335	V	
Min Limit	-0.345	V	
	krad(Si)	10	20
LL		-0.345	-0.345
Min		-0.340	-0.340
Average		-0.340	-0.340
Max		-0.340	-0.340
UL		-0.335	-0.335



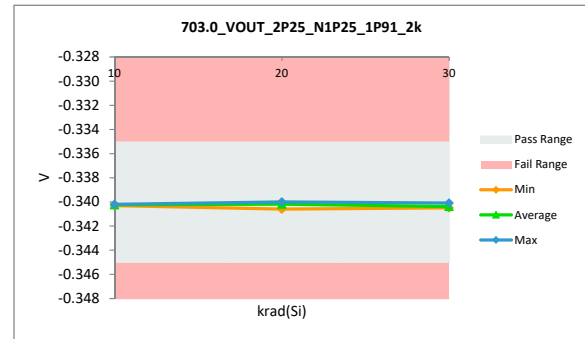
LDR TID Report  
OPA4H014-SEP

703.0_VOUT_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.340	-0.340	0.000	0.09%	3.00%
10	2b	-0.340	-0.340	0.000	0.09%	3.00%
10	3b	-0.340	-0.340	0.000	0.15%	5.00%
10	4b	-0.340	-0.340	0.000	0.12%	4.00%
10	5b	-0.340	-0.340	0.000	-0.03%	1.00%
10	6b	-0.340	-0.340	0.000	0.00%	0.00%
10	7b	-0.340	-0.340	0.000	0.12%	4.00%
10	8b	-0.340	-0.340	0.000	0.12%	4.00%
10	9b	-0.340	-0.340	0.000	0.00%	0.00%
10	10b	-0.340	-0.340	0.000	0.12%	4.00%
20	1c	-0.340	-0.340	0.000	0.06%	2.00%
20	2c	-0.340	-0.340	0.000	0.06%	2.00%
20	3c	-0.340	-0.340	0.000	0.09%	3.00%
20	4c	-0.340	-0.340	0.000	0.06%	2.00%
20	5c	-0.340	-0.341	0.000	0.06%	2.00%
20	6c	-0.340	-0.341	0.000	0.09%	3.00%
20	7c	-0.340	-0.340	0.000	0.09%	3.00%
20	8c	-0.340	-0.340	0.000	0.09%	3.00%
20	9c	-0.340	-0.340	0.000	-0.06%	2.00%
20	10c	-0.340	-0.340	0.000	0.09%	3.00%
30	1d	-0.340	-0.340	0.000	0.06%	2.00%
30	2d	-0.340	-0.340	-0.001	0.18%	6.00%
30	3d	-0.340	-0.340	-0.001	0.21%	7.00%
30	4d	-0.340	-0.340	-0.001	0.18%	6.00%
30	5d	-0.340	-0.340	0.000	0.00%	0.00%
30	6d	-0.340	-0.340	0.000	0.03%	1.00%
30	7d	-0.340	-0.340	-0.001	0.18%	6.00%
30	8d	-0.340	-0.340	-0.001	0.18%	6.00%
30	9d	-0.340	-0.340	0.000	0.03%	1.00%
30	10d	-0.340	-0.340	0.000	0.15%	5.00%
	Max	-0.340	-0.340	0.000	0.21%	7.00%
	Average	-0.340	-0.340	0.000	0.09%	3.10%
	Min	-0.340	-0.341	-0.001	-0.06%	0.00%
	Std Dev	0.000	0.000	0.000	0.07%	1.94%



703.0_VOUT_2P25_N1P25_1P91			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.335	V	
Min Limit	-0.345	V	
krad(Si)	10	20	30
LL	-0.345	-0.345	-0.345
Min	-0.340	-0.341	-0.341
Average	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335

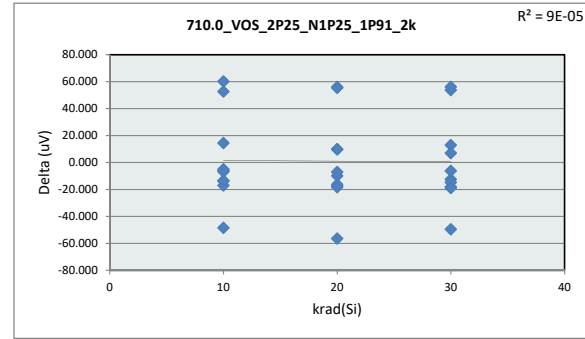




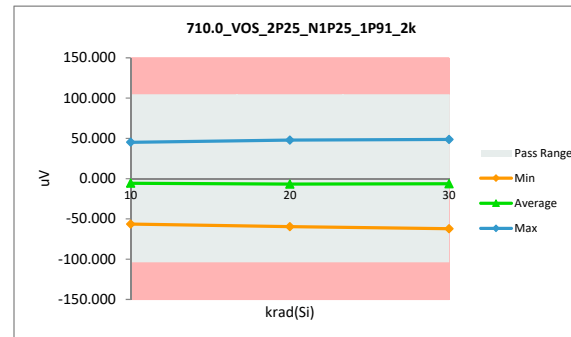
LDR TID Report  
OPA4H014-SEP

710.0_VOS_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	17.380	11.530	-5.850	-33.66%	2.81%
10	2b	11.790	26.200	14.410	122.22%	6.93%
10	3b	-29.770	30.390	60.160	-202.08%	28.92%
10	4b	5.720	-42.790	-48.510	-848.08%	23.32%
10	5b	-49.640	-56.530	-6.890	13.88%	3.31%
10	6b	-7.490	45.180	52.670	-703.20%	25.32%
10	7b	-47.360	-52.450	-5.090	10.75%	2.45%
10	8b	13.640	-3.400	-17.040	-124.93%	8.19%
10	9b	13.050	-0.650	-13.700	-104.98%	6.59%
10	10b	-0.750	-14.230	-13.480	1797.33%	6.48%
20	1c	17.380	27.150	9.770	56.21%	4.70%
20	2c	11.790	21.540	9.750	82.70%	4.69%
20	3c	-29.770	26.150	55.920	-187.84%	26.88%
20	4c	5.720	-50.780	-56.500	-987.76%	27.16%
20	5c	-49.640	-59.620	-9.980	20.10%	4.80%
20	6c	-7.490	47.860	55.350	-738.99%	26.61%
20	7c	-47.360	-54.400	-7.040	14.86%	3.38%
20	8c	13.640	-3.930	-17.570	-128.81%	8.45%
20	9c	13.050	-3.270	-16.320	-125.06%	7.85%
20	10c	-0.750	-19.160	-18.410	2454.67%	8.85%
30	1d	17.380	30.250	12.870	74.05%	6.19%
30	2d	11.790	18.740	6.950	58.95%	3.34%
30	3d	-29.770	23.950	53.720	-180.45%	25.83%
30	4d	5.720	-43.840	-49.560	-866.43%	23.83%
30	5d	-49.640	-62.230	-12.590	25.36%	6.05%
30	6d	-7.490	48.620	56.110	-749.13%	26.98%
30	7d	-47.360	-53.570	-6.210	13.11%	2.99%
30	8d	13.640	-4.560	-18.200	-133.43%	8.75%
30	9d	13.050	-1.750	-14.800	-113.41%	7.12%
30	10d	-0.750	-19.720	-18.970	2529.33%	9.12%
	Max	17.380	48.620	60.160	2529.33%	28.92%
	Average	-7.343	-6.311	1.032	34.84%	11.93%
	Min	-49.640	-62.230	-56.500	-987.76%	2.45%
	Std Dev	24.791	35.971	32.237	828.36%	9.66%



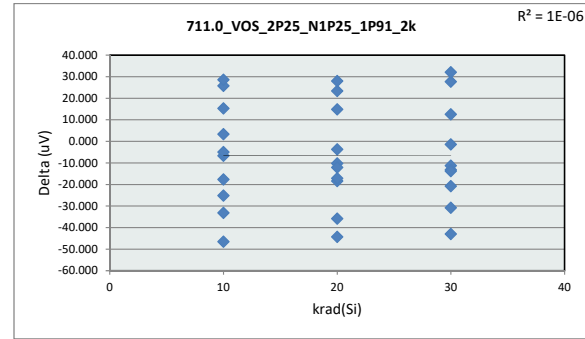
710.0_VOS_2P25_N1P25_1P91			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	104	uV	
Min Limit	-104	uV	
	10	20	30
LL	-104.000	-104.000	-104.000
Min	-56.530	-59.620	-62.230
Average	-5.675	-6.846	-6.411
Max	45.180	47.860	48.620
UL	104.000	104.000	104.000



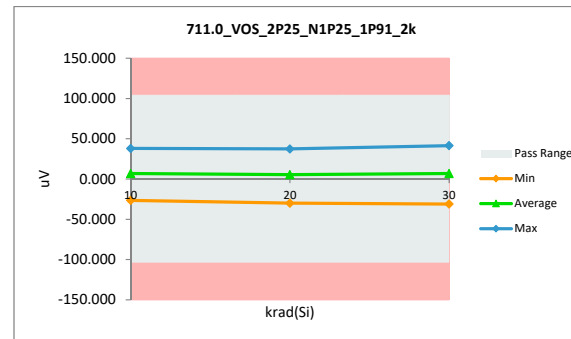
LDR TID Report  
OPA4H014-SEP

711.0_VOS_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	41.180	-5.330	-46.510	-112.94%	22.36%
10	2b	18.210	33.470	15.260	83.80%	7.34%
10	3b	18.970	1.310	-17.660	-93.09%	8.49%
10	4b	28.580	-4.590	-33.170	-116.06%	15.95%
10	5b	-19.770	-26.480	-6.710	33.94%	3.23%
10	6b	24.910	19.970	-4.940	-19.83%	2.38%
10	7b	2.870	6.210	3.340	116.38%	1.61%
10	8b	22.300	-2.860	-25.160	-112.83%	12.10%
10	9b	-17.400	8.320	25.720	-147.82%	12.37%
10	10b	9.420	38.020	28.600	303.61%	13.75%
20	1c	41.180	-3.110	-44.290	-107.55%	21.29%
20	2c	18.210	33.060	14.850	81.55%	7.14%
20	3c	18.970	0.570	-18.400	-97.00%	8.85%
20	4c	28.580	-7.270	-35.850	-125.44%	17.24%
20	5c	-19.770	-29.980	-10.210	51.64%	4.91%
20	6c	24.910	12.840	-12.070	-48.45%	5.80%
20	7c	2.870	-0.840	-3.710	-129.27%	1.78%
20	8c	22.300	5.140	-17.160	-76.95%	8.25%
20	9c	-17.400	5.980	23.380	-134.37%	11.24%
20	10c	9.420	37.420	28.000	297.24%	13.46%
30	1d	41.180	-1.780	-42.960	-104.32%	20.65%
30	2d	18.210	30.790	12.580	69.08%	6.05%
30	3d	18.970	-1.830	-20.800	-109.65%	10.00%
30	4d	28.580	-2.230	-30.810	-107.80%	14.81%
30	5d	-19.770	-31.020	-11.250	56.90%	5.41%
30	6d	24.910	11.710	-13.200	-52.99%	6.35%
30	7d	2.870	1.500	-1.370	-47.74%	0.66%
30	8d	22.300	8.520	-13.780	-61.79%	6.62%
30	9d	-17.400	10.270	27.670	-159.02%	13.30%
30	10d	9.420	41.480	32.060	340.34%	15.41%
	Max	41.180	41.480	32.060	340.34%	22.36%
	Average	12.927	6.309	-6.618	-17.68%	9.96%
	Min	-19.770	-31.020	-46.510	-159.02%	0.66%
	Std Dev	18.868	18.829	23.528	137.01%	5.98%



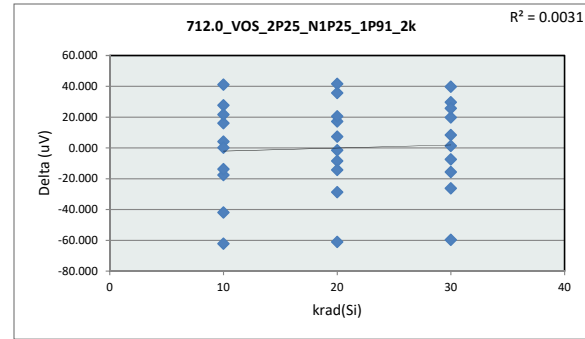
711.0_VOS_2P25_N1P25_1P91				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	104	uV		
Min Limit	-104	uV		
	krad(Si)	10	20	30
LL		-104.000	-104.000	-104.000
Min		-26.480	-29.980	-31.020
Average		6.804	5.381	6.741
Max		38.020	37.420	41.480
UL		104.000	104.000	104.000



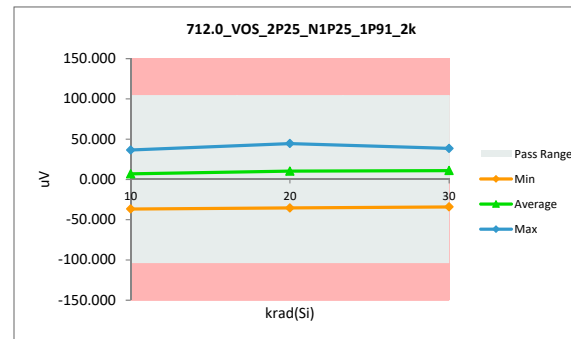
# LDR TID Report OPA4H014-SEP

712.0_VOS_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	17.040	-0.580	-17.620	-103.40%	8.47%
10	2b	-23.110	17.960	41.070	-177.72%	19.75%
10	3b	6.030	10.060	4.030	66.83%	1.94%
10	4b	8.910	36.500	27.590	309.65%	13.26%
10	5b	1.320	1.470	0.150	11.36%	0.07%
10	6b	-10.390	5.660	16.050	-154.48%	7.72%
10	7b	25.550	-36.700	-62.250	-243.64%	29.93%
10	8b	33.250	-8.770	-42.020	-126.38%	20.20%
10	9b	7.710	29.320	21.610	280.29%	10.39%
10	10b	28.410	14.640	-13.770	-48.47%	6.62%
20	1c	17.040	8.490	-8.550	-50.18%	4.11%
20	2c	-23.110	18.500	41.610	-180.05%	20.00%
20	3c	6.030	13.320	7.290	120.90%	3.50%
20	4c	8.910	44.600	35.690	400.56%	17.16%
20	5c	1.320	-0.270	-1.590	-120.45%	0.76%
20	6c	-10.390	6.770	17.160	-165.16%	8.25%
20	7c	25.550	-35.560	-61.110	-239.18%	29.38%
20	8c	33.250	4.500	-28.750	-86.47%	13.82%
20	9c	7.710	28.230	20.520	266.15%	9.87%
20	10c	28.410	14.050	-14.360	-50.55%	6.90%
30	1d	17.040	9.590	-7.450	-43.72%	3.58%
30	2d	-23.110	16.620	39.730	-171.92%	19.10%
30	3d	6.030	14.370	8.340	138.31%	4.01%
30	4d	8.910	38.490	29.580	331.99%	14.22%
30	5d	1.320	2.590	1.270	96.21%	0.61%
30	6d	-10.390	9.350	19.740	-189.99%	9.49%
30	7d	25.550	-34.150	-59.700	-233.66%	28.70%
30	8d	33.250	6.970	-26.280	-79.04%	12.63%
30	9d	7.710	33.350	25.640	332.56%	12.33%
30	10d	28.410	12.720	-15.690	-55.23%	7.54%
	Max	33.250	44.600	41.610	400.56%	29.93%
	Average	9.472	9.403	-0.069	-5.50%	11.48%
	Min	-23.110	-36.700	-62.250	-243.64%	0.07%
	Std Dev	16.951	19.635	29.985	194.09%	8.46%



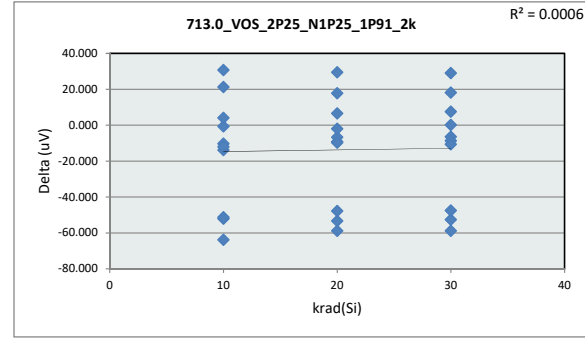
712.0_VOS_2P25_N1P25_1P91				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	104	uV		
Min Limit	-104	uV		
	krad(Si)	10	20	30
LL		-104.000	-104.000	-104.000
Min		-36.700	-35.560	-34.150
Average		6.956	10.263	10.990
Max		36.500	44.600	38.490
UL		104.000	104.000	104.000



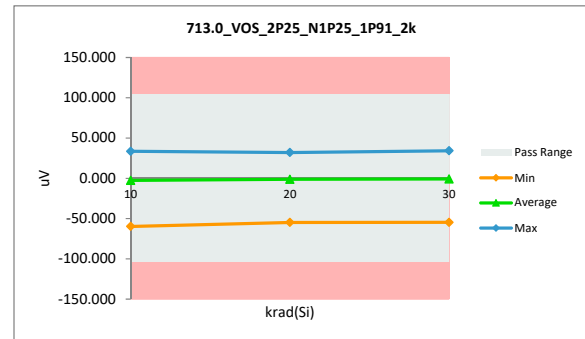
LDR TID Report  
OPA4H014-SEP

713.0_VOS_2P25_N1P25_1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-1.210	-11.490	-10.280	849.59%	4.94%
10	2b	12.110	-1.800	-13.910	-114.86%	6.69%
10	3b	21.880	9.770	-12.110	-55.35%	5.82%
10	4b	-23.860	-2.640	21.220	-88.94%	10.20%
10	5b	34.100	33.420	-0.680	-1.99%	0.33%
10	6b	4.450	8.510	4.060	91.24%	1.95%
10	7b	-1.080	29.570	30.650	-2837.96%	14.74%
10	8b	4.070	-59.770	-63.840	-1568.55%	30.69%
10	9b	22.900	-29.170	-52.070	-227.38%	25.03%
10	10b	48.140	-3.140	-51.280	-106.52%	24.65%
20	1c	-1.210	-7.910	-6.700	553.72%	3.22%
20	2c	12.110	2.900	-9.210	-76.05%	4.43%
20	3c	21.880	12.150	-9.730	-44.47%	4.68%
20	4c	-23.860	-6.090	17.770	-74.48%	8.54%
20	5c	34.100	32.050	-2.050	-6.01%	0.99%
20	6c	4.450	10.990	6.540	146.97%	3.14%
20	7c	-1.080	28.340	29.420	-2724.07%	14.14%
20	8c	4.070	-54.820	-58.890	-1446.93%	28.31%
20	9c	22.900	-30.470	-53.370	-233.06%	25.66%
20	10c	48.140	0.290	-47.850	-99.40%	23.00%
30	1d	-1.210	-7.670	-6.460	533.88%	3.11%
30	2d	12.110	3.400	-8.710	-71.92%	4.19%
30	3d	21.880	11.200	-10.680	-48.81%	5.13%
30	4d	-23.860	-5.750	18.110	-75.90%	8.71%
30	5d	34.100	34.200	0.100	0.29%	0.05%
30	6d	4.450	11.930	7.480	168.09%	3.60%
30	7d	-1.080	27.950	29.030	-2687.96%	13.96%
30	8d	4.070	-54.830	-58.900	-1447.17%	28.32%
30	9d	22.900	-29.710	-52.610	-229.74%	25.29%
30	10d	48.140	0.580	-47.560	-98.80%	22.87%
	Max	48.140	34.200	30.650	849.59%	30.69%
	Average	12.150	-1.600	-13.750	-400.75%	11.88%
	Min	-23.860	-59.770	-63.840	-2837.96%	0.05%
	Std Dev	19.728	25.603	29.719	949.45%	10.17%



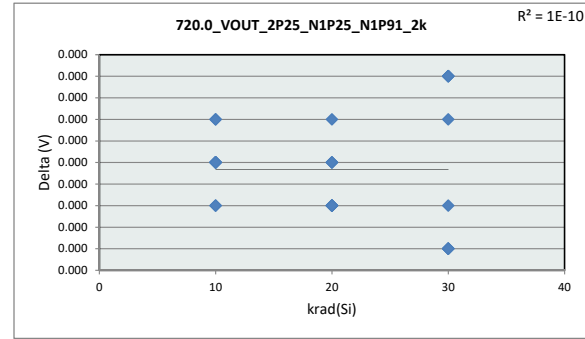
713.0_VOS_2P25_N1P25_1P91				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	104	uV		
Min Limit	-104	uV		
	krad(Si)	10	20	30
LL		-104.000	-104.000	-104.000
Min		-59.770	-54.820	-54.830
Average		-2.674	-1.257	-0.870
Max		33.420	32.050	34.200
UL		104.000	104.000	104.000



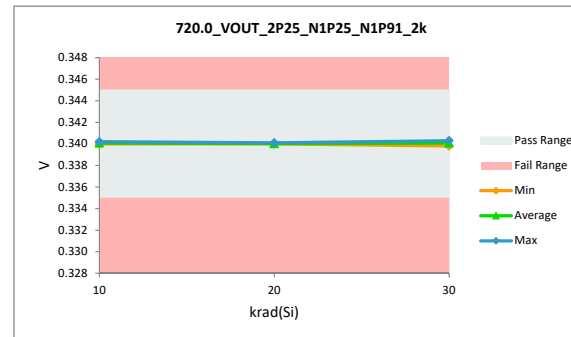
# LDR TID Report OPA4H014-SEP

720.0_VOUT_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.340	0.340	0.000	0.00%	0.00%
10	2b	0.340	0.340	0.000	-0.03%	1.00%
10	3b	0.340	0.340	0.000	-0.03%	1.00%
10	4b	0.340	0.340	0.000	-0.03%	1.00%
10	5b	0.340	0.340	0.000	-0.03%	1.00%
10	6b	0.340	0.340	0.000	-0.06%	2.00%
10	7b	0.340	0.340	0.000	-0.03%	1.00%
10	8b	0.340	0.340	0.000	0.00%	0.00%
10	9b	0.340	0.340	0.000	-0.06%	2.00%
10	10b	0.340	0.340	0.000	-0.03%	1.00%
20	1c	0.340	0.340	0.000	0.00%	0.00%
20	2c	0.340	0.340	0.000	-0.06%	2.00%
20	3c	0.340	0.340	0.000	-0.03%	1.00%
20	4c	0.340	0.340	0.000	-0.03%	1.00%
20	5c	0.340	0.340	0.000	-0.06%	2.00%
20	6c	0.340	0.340	0.000	-0.06%	2.00%
20	7c	0.340	0.340	0.000	-0.06%	2.00%
20	8c	0.340	0.340	0.000	-0.06%	2.00%
20	9c	0.340	0.340	0.000	-0.06%	2.00%
20	10c	0.340	0.340	0.000	-0.03%	1.00%
30	1d	0.340	0.340	0.000	-0.09%	3.00%
30	2d	0.340	0.340	0.000	0.00%	0.00%
30	3d	0.340	0.340	0.000	0.03%	1.00%
30	4d	0.340	0.340	0.000	0.03%	1.00%
30	5d	0.340	0.340	0.000	0.03%	1.00%
30	6d	0.340	0.340	0.000	0.03%	1.00%
30	7d	0.340	0.340	0.000	-0.09%	3.00%
30	8d	0.340	0.340	0.000	-0.09%	3.00%
30	9d	0.340	0.340	0.000	-0.09%	3.00%
30	10d	0.340	0.340	0.000	-0.06%	2.00%
	Max	0.340	0.340	0.000	0.03%	3.00%
	Average	0.340	0.340	0.000	-0.03%	1.43%
	Min	0.340	0.340	0.000	-0.09%	0.00%
	Std Dev	0.000	0.000	0.000	0.04%	0.90%



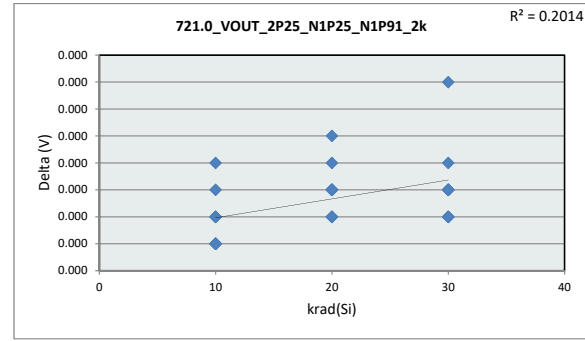
720.0_VOUT_2P25_N1P25_N1P91			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.345	V	
Min Limit	0.335	V	
krad(Si)	10	20	30
LL	0.335	0.335	0.335
Min	0.340	0.340	0.340
Average	0.340	0.340	0.340
Max	0.340	0.340	0.340
UL	0.345	0.345	0.345



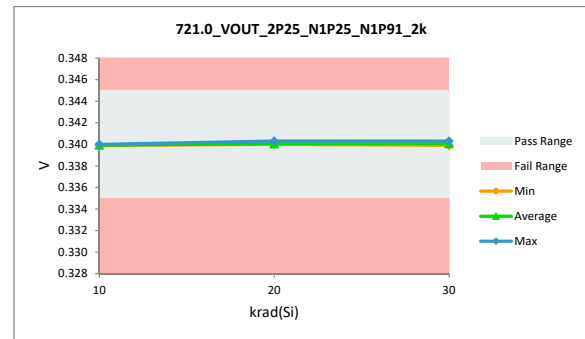
# LDR TID Report OPA4H014-SEP

721.0_VOUT_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.340	0.340	0.000	0.00%	0.00%
10	2b	0.340	0.340	0.000	-0.06%	2.00%
10	3b	0.340	0.340	0.000	-0.09%	3.00%
10	4b	0.340	0.340	0.000	-0.09%	3.00%
10	5b	0.340	0.340	0.000	-0.06%	2.00%
10	6b	0.340	0.340	0.000	-0.09%	3.00%
10	7b	0.340	0.340	0.000	-0.09%	3.00%
10	8b	0.340	0.340	0.000	-0.03%	1.00%
10	9b	0.340	0.340	0.000	-0.09%	3.00%
10	10b	0.340	0.340	0.000	-0.06%	2.00%
20	1c	0.340	0.340	0.000	0.00%	0.00%
20	2c	0.340	0.340	0.000	-0.03%	1.00%
20	3c	0.340	0.340	0.000	0.03%	1.00%
20	4c	0.340	0.340	0.000	-0.03%	1.00%
20	5c	0.340	0.340	0.000	-0.03%	1.00%
20	6c	0.340	0.340	0.000	-0.06%	2.00%
20	7c	0.340	0.340	0.000	-0.06%	2.00%
20	8c	0.340	0.340	0.000	-0.03%	1.00%
20	9c	0.340	0.340	0.000	-0.06%	2.00%
20	10c	0.340	0.340	0.000	-0.03%	1.00%
30	1d	0.340	0.340	0.000	0.09%	3.00%
30	2d	0.340	0.340	0.000	-0.06%	2.00%
30	3d	0.340	0.340	0.000	-0.06%	2.00%
30	4d	0.340	0.340	0.000	-0.06%	2.00%
30	5d	0.340	0.340	0.000	-0.03%	1.00%
30	6d	0.340	0.340	0.000	-0.03%	1.00%
30	7d	0.340	0.340	0.000	-0.03%	1.00%
30	8d	0.340	0.340	0.000	-0.03%	1.00%
30	9d	0.340	0.340	0.000	-0.03%	1.00%
30	10d	0.340	0.340	0.000	0.00%	0.00%
Max		0.340	0.340	0.000	0.09%	3.00%
Average		0.340	0.340	0.000	-0.04%	1.60%
Min		0.340	0.340	0.000	-0.09%	0.00%
Std Dev		0.000	0.000	0.000	0.04%	0.93%



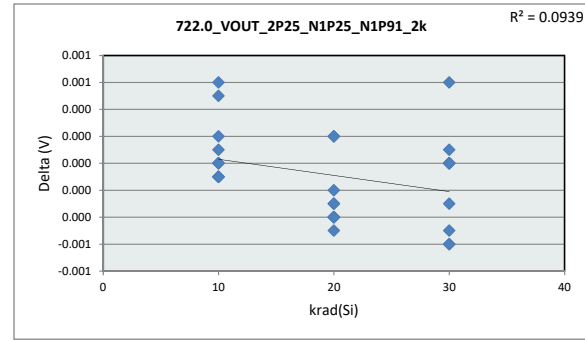
721.0_VOUT_2P25_N1P25_N1P91			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.345	V	
Min Limit	0.335	V	
krad(Si)	10	20	30
LL	0.335	0.335	0.335
Min	0.340	0.340	0.340
Average	0.340	0.340	0.340
Max	0.340	0.340	0.340
UL	0.345	0.345	0.345



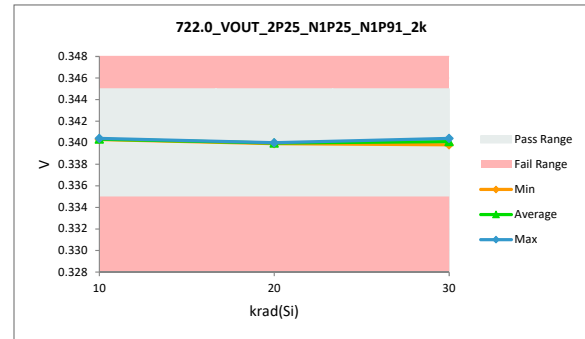
LDR TID Report  
OPA4H014-SEP

722.0_VOUT_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.340	0.340	0.000	0.06%	2.00%
10	2b	0.340	0.340	0.000	0.03%	1.00%
10	3b	0.340	0.340	0.000	0.15%	5.00%
10	4b	0.340	0.340	0.000	-0.03%	1.00%
10	5b	0.340	0.340	0.000	0.00%	0.00%
10	6b	0.340	0.340	0.000	-0.03%	1.00%
10	7b	0.340	0.340	0.000	0.00%	0.00%
10	8b	0.340	0.340	0.001	0.18%	6.00%
10	9b	0.340	0.340	0.000	-0.03%	1.00%
10	10b	0.340	0.340	0.000	0.00%	0.00%
20	1c	0.340	0.340	0.000	-0.06%	2.00%
20	2c	0.340	0.340	0.000	-0.12%	4.00%
20	3c	0.340	0.340	0.000	0.06%	2.00%
20	4c	0.340	0.340	0.000	-0.12%	4.00%
20	5c	0.340	0.340	0.000	-0.09%	3.00%
20	6c	0.340	0.340	0.000	-0.12%	4.00%
20	7c	0.340	0.340	0.000	-0.12%	4.00%
20	8c	0.340	0.340	0.000	0.06%	2.00%
20	9c	0.340	0.340	-0.001	-0.15%	5.00%
20	10c	0.340	0.340	0.000	-0.09%	3.00%
30	1d	0.340	0.340	0.000	-0.09%	3.00%
30	2d	0.340	0.340	0.000	0.00%	0.00%
30	3d	0.340	0.340	0.001	0.18%	6.00%
30	4d	0.340	0.340	0.000	0.00%	0.00%
30	5d	0.340	0.340	0.000	0.00%	0.00%
30	6d	0.340	0.340	-0.001	-0.18%	6.00%
30	7d	0.340	0.340	0.000	0.03%	1.00%
30	8d	0.340	0.340	0.000	0.00%	0.00%
30	9d	0.340	0.340	-0.001	-0.18%	6.00%
30	10d	0.340	0.340	0.000	-0.15%	5.00%
	Max	0.340	0.340	0.001	0.18%	6.00%
	Average	0.340	0.340	0.000	-0.03%	2.57%
	Min	0.340	0.340	-0.001	-0.18%	0.00%
	Std Dev	0.000	0.000	0.000	0.10%	2.14%



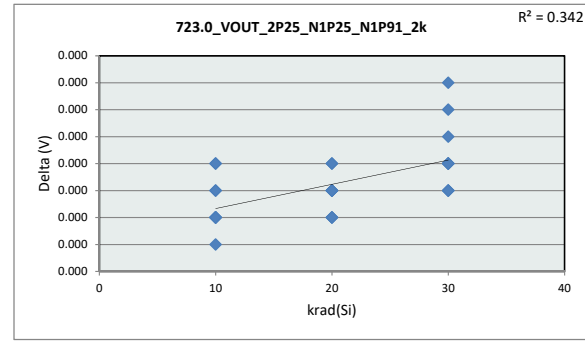
722.0_VOUT_2P25_N1P25_N1P91			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.345	V	
Min Limit	0.335	V	
krad(Si)	10	20	30
LL	0.335	0.335	0.335
Min	0.340	0.340	0.340
Average	0.340	0.340	0.340
Max	0.340	0.340	0.340
UL	0.345	0.345	0.345



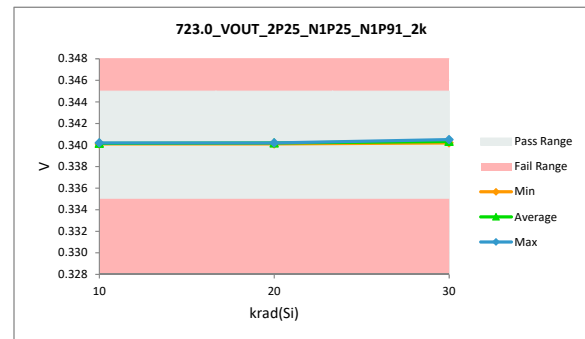
# LDR TID Report OPA4H014-SEP

723.0_VOUT_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.340	0.340	0.000	0.00%	0.00%
10	2b	0.340	0.340	0.000	0.00%	0.00%
10	3b	0.340	0.340	0.000	-0.06%	2.00%
10	4b	0.340	0.340	0.000	-0.06%	2.00%
10	5b	0.340	0.340	0.000	-0.03%	1.00%
10	6b	0.340	0.340	0.000	-0.06%	2.00%
10	7b	0.340	0.340	0.000	-0.03%	1.00%
10	8b	0.340	0.340	0.000	-0.06%	2.00%
10	9b	0.340	0.340	0.000	-0.09%	3.00%
10	10b	0.340	0.340	0.000	-0.06%	2.00%
20	1c	0.340	0.340	0.000	0.00%	0.00%
20	2c	0.340	0.340	0.000	-0.03%	1.00%
20	3c	0.340	0.340	0.000	-0.03%	1.00%
20	4c	0.340	0.340	0.000	-0.03%	1.00%
20	5c	0.340	0.340	0.000	0.00%	0.00%
20	6c	0.340	0.340	0.000	-0.06%	2.00%
20	7c	0.340	0.340	0.000	-0.03%	1.00%
20	8c	0.340	0.340	0.000	-0.06%	2.00%
20	9c	0.340	0.340	0.000	-0.06%	2.00%
20	10c	0.340	0.340	0.000	-0.03%	1.00%
30	1d	0.340	0.340	0.000	0.00%	0.00%
30	2d	0.340	0.340	0.000	0.09%	3.00%
30	3d	0.340	0.340	0.000	0.06%	2.00%
30	4d	0.340	0.340	0.000	0.00%	0.00%
30	5d	0.340	0.340	0.000	0.03%	1.00%
30	6d	0.340	0.340	0.000	-0.03%	1.00%
30	7d	0.340	0.340	0.000	0.00%	0.00%
30	8d	0.340	0.340	0.000	-0.03%	1.00%
30	9d	0.340	0.340	0.000	-0.03%	1.00%
30	10d	0.340	0.340	0.000	0.00%	0.00%
Max		0.340	0.340	0.000	0.09%	3.00%
Average		0.340	0.340	0.000	-0.02%	1.17%
Min		0.340	0.340	0.000	-0.09%	0.00%
Std Dev		0.000	0.000	0.000	0.04%	0.91%



723.0_VOUT_2P25_N1P25_N1P91			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.345	V	
Min Limit	0.335	V	
krad(Si)	10	20	30
LL	0.335	0.335	0.335
Min	0.340	0.340	0.340
Average	0.340	0.340	0.340
Max	0.340	0.340	0.341
UL	0.345	0.345	0.345

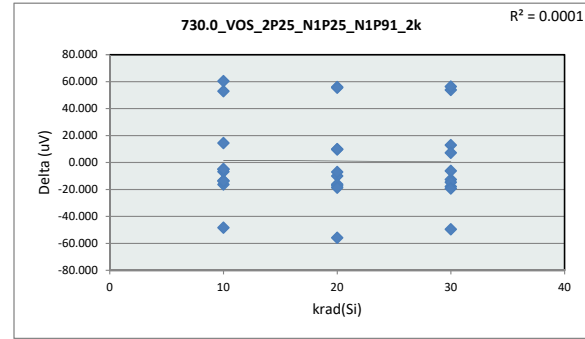




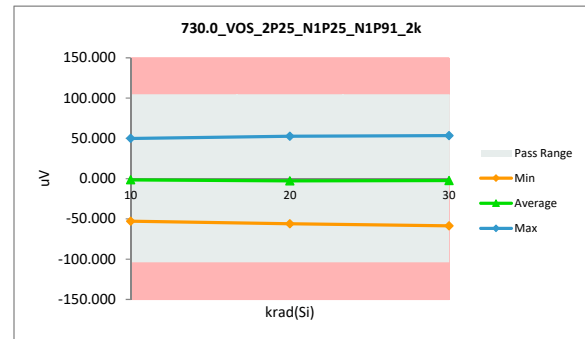
LDR TID Report  
OPA4H014-SEP

730.0_VOS_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	20.900	15.900	-5.000	-23.92%	2.40%
10	2b	15.650	30.100	14.450	92.33%	6.95%
10	3b	-26.150	34.240	60.390	-230.94%	29.03%
10	4b	9.690	-38.710	-48.400	-499.48%	23.27%
10	5b	-46.050	-52.860	-6.810	14.79%	3.27%
10	6b	-2.940	49.950	52.890	-1798.98%	25.43%
10	7b	-43.640	-48.730	-5.090	11.66%	2.45%
10	8b	17.500	1.150	-16.350	-93.43%	7.86%
10	9b	17.080	3.610	-13.470	-78.86%	6.48%
10	10b	3.610	-10.240	-13.850	-383.66%	6.66%
20	1c	20.900	30.610	9.710	46.46%	4.67%
20	2c	15.650	25.570	9.920	63.39%	4.77%
20	3c	-26.150	29.850	56.000	-214.15%	26.92%
20	4c	9.690	-46.250	-55.940	-577.30%	26.89%
20	5c	-46.050	-56.100	-10.050	21.82%	4.83%
20	6c	-2.940	52.580	55.520	-1888.44%	26.69%
20	7c	-43.640	-50.700	-7.060	16.18%	3.39%
20	8c	17.500	0.150	-17.350	-99.14%	8.34%
20	9c	17.080	0.860	-16.220	-94.96%	7.80%
20	10c	3.610	-15.170	-18.780	-520.22%	9.03%
30	1d	20.900	33.760	12.860	61.53%	6.18%
30	2d	15.650	22.810	7.160	45.75%	3.44%
30	3d	-26.150	27.710	53.860	-205.97%	25.89%
30	4d	9.690	-39.860	-49.550	-511.35%	23.82%
30	5d	-46.050	-58.700	-12.650	27.47%	6.08%
30	6d	-2.940	53.420	56.360	-1917.01%	27.10%
30	7d	-43.640	-49.950	-6.310	14.46%	3.03%
30	8d	17.500	-0.380	-17.880	-102.17%	8.60%
30	9d	17.080	2.410	-14.670	-85.89%	7.05%
30	10d	3.610	-15.660	-19.270	-533.80%	9.26%
Max		20.900	53.420	60.390	92.33%	29.03%
Average		-3.435	-2.288	1.147	-314.79%	11.92%
Min		-46.050	-58.700	-55.940	-1917.01%	2.40%
Std Dev		24.885	36.128	32.248	565.32%	9.68%



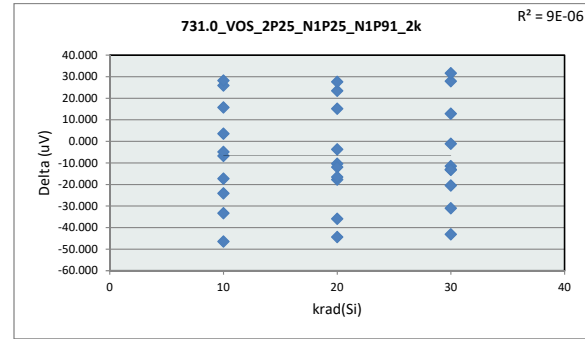
730.0_VOS_2P25_N1P25_N1P91			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	104	uV	
Min Limit	-104	uV	
krad(Si)	10	20	30
LL	-104.000	-104.000	-104.000
Min	-52.860	-56.100	-58.700
Average	-1.559	-2.860	-2.444
Max	49.950	52.580	53.420
UL	104.000	104.000	104.000



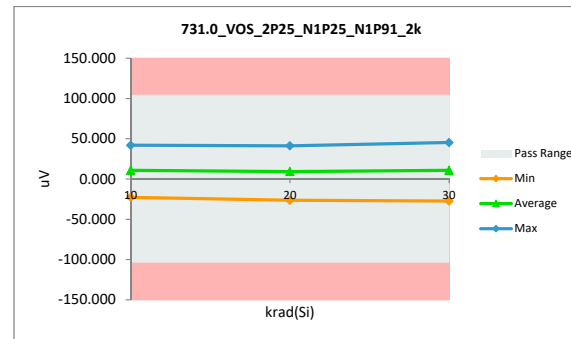
LDR TID Report  
OPA4H014-SEP

731.0_VOS_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	44.780	-1.640	-46.420	-103.66%	22.32%
10	2b	21.940	37.650	15.710	71.60%	7.55%
10	3b	22.550	5.270	-17.280	-76.63%	8.31%
10	4b	32.480	-0.850	-33.330	-102.62%	16.02%
10	5b	-15.940	-22.710	-6.770	42.47%	3.25%
10	6b	29.120	24.220	-4.900	-16.83%	2.36%
10	7b	6.510	10.110	3.600	55.30%	1.73%
10	8b	25.980	1.900	-24.080	-92.69%	11.58%
10	9b	-13.510	12.430	25.940	-192.01%	12.47%
10	10b	13.690	41.890	28.200	205.99%	13.56%
20	1c	44.780	0.380	-44.400	-99.15%	21.35%
20	2c	21.940	37.060	15.120	68.92%	7.27%
20	3c	22.550	4.780	-17.770	-78.80%	8.54%
20	4c	32.480	-3.450	-35.930	-110.62%	17.27%
20	5c	-15.940	-26.330	-10.390	65.18%	5.00%
20	6c	29.120	17.210	-11.910	-40.90%	5.73%
20	7c	6.510	2.830	-3.680	-56.53%	1.77%
20	8c	25.980	9.430	-16.550	-63.70%	7.96%
20	9c	-13.510	9.980	23.490	-173.87%	11.29%
20	10c	13.690	41.270	27.580	201.46%	13.26%
30	1d	44.780	1.650	-43.130	-96.32%	20.74%
30	2d	21.940	34.770	12.830	58.48%	6.17%
30	3d	22.550	2.100	-20.450	-90.69%	9.83%
30	4d	32.480	1.450	-31.030	-95.54%	14.92%
30	5d	-15.940	-27.410	-11.470	71.96%	5.51%
30	6d	29.120	16.070	-13.050	-44.81%	6.27%
30	7d	6.510	5.420	-1.090	-16.74%	0.52%
30	8d	25.980	12.800	-13.180	-50.73%	6.34%
30	9d	-13.510	14.390	27.900	-206.51%	13.41%
30	10d	13.690	45.300	31.610	230.90%	15.20%
	Max	44.780	45.300	31.610	230.90%	22.32%
	Average	16.760	10.266	-6.494	-24.57%	9.92%
	Min	-15.940	-27.410	-46.420	-206.51%	0.52%
	Std Dev	18.838	18.921	23.484	111.46%	5.99%



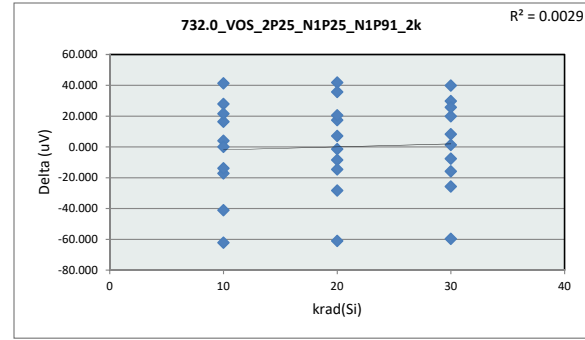
731.0_VOS_2P25_N1P25_N1P91				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	104	uV		
Min Limit	-104	uV		
	krad(Si)	10	20	30
LL		-104.000	-104.000	-104.000
Min		-22.710	-26.330	-27.410
Average		10.827	9.316	10.654
Max		41.890	41.270	45.300
UL		104.000	104.000	104.000



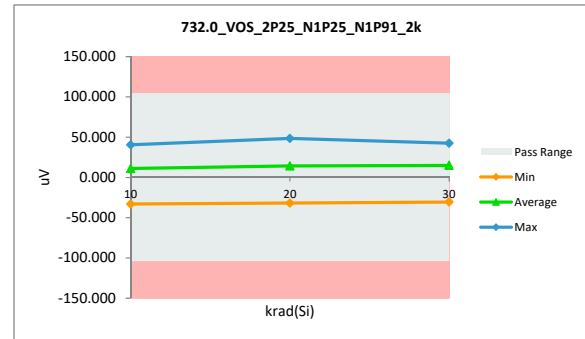
LDR TID Report  
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732.0_VOS_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	20.790	3.520	-17.270	-83.07%	8.30%
10	2b	-19.330	21.920	41.250	-213.40%	19.83%
10	3b	9.900	13.860	3.960	40.00%	1.90%
10	4b	12.720	40.530	27.810	218.63%	13.37%
10	5b	5.110	5.160	0.050	0.98%	0.02%
10	6b	-5.750	10.580	16.330	-284.00%	7.85%
10	7b	29.190	-33.020	-62.210	-213.12%	29.91%
10	8b	37.190	-3.930	-41.120	-110.57%	19.77%
10	9b	11.770	33.330	21.560	183.18%	10.37%
10	10b	32.520	18.570	-13.950	-42.90%	6.71%
20	1c	20.790	12.300	-8.490	-40.84%	4.08%
20	2c	-19.330	22.490	41.820	-216.35%	20.11%
20	3c	9.900	16.990	7.090	71.62%	3.41%
20	4c	12.720	48.410	35.690	280.58%	17.16%
20	5c	5.110	3.710	-1.400	-27.40%	0.67%
20	6c	-5.750	11.600	17.350	-301.74%	8.34%
20	7c	29.190	-31.870	-61.060	-209.18%	29.36%
20	8c	37.190	8.880	-28.310	-76.12%	13.61%
20	9c	11.770	32.280	20.510	174.26%	9.86%
20	10c	32.520	17.910	-14.610	-44.93%	7.02%
30	1d	20.790	13.070	-7.720	-37.13%	3.71%
30	2d	-19.330	20.470	39.800	-205.90%	19.13%
30	3d	9.900	18.130	8.230	83.13%	3.96%
30	4d	12.720	42.470	29.750	233.88%	14.30%
30	5d	5.110	6.310	1.200	23.48%	0.58%
30	6d	-5.750	14.090	19.840	-345.04%	9.54%
30	7d	29.190	-30.510	-59.700	-204.52%	28.70%
30	8d	37.190	11.390	-25.800	-69.37%	12.40%
30	9d	11.770	37.460	25.690	218.27%	12.35%
30	10d	32.520	16.670	-15.850	-48.74%	7.62%
	Max	37.190	48.410	41.820	280.58%	29.91%
	Average	13.411	13.426	0.015	-41.54%	11.47%
	Min	-19.330	-33.020	-62.210	-345.04%	0.02%
	Std Dev	16.890	19.667	29.954	171.35%	8.45%



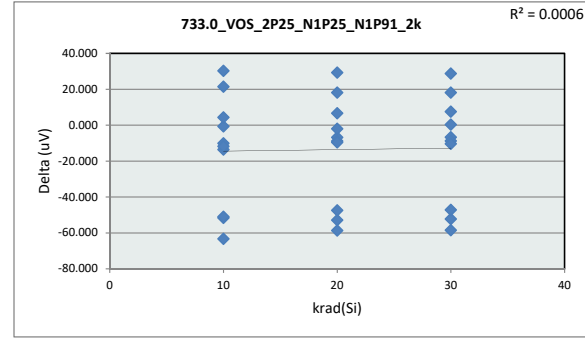
732.0_VOS_2P25_N1P25_N1P91				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	104	uV		
Min Limit	-104	uV		
	krad(Si)	10	20	30
LL		-104.000	-104.000	-104.000
Min		-33.020	-31.870	-30.510
Average		11.052	14.270	14.955
Max		40.530	48.410	42.470
UL		104.000	104.000	104.000



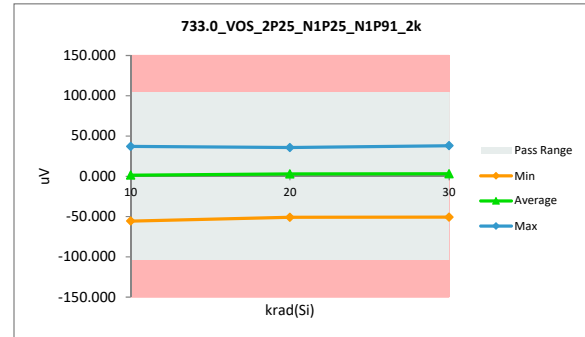
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733.0_VOS_2P25_N1P25_N1P91		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	104	104
Min Limit	-104	-104

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	2.500	-7.590	-10.090	-403.60%	4.85%
10	2b	15.940	2.380	-13.560	-85.07%	6.52%
10	3b	25.530	13.670	-11.860	-46.46%	5.70%
10	4b	-19.810	1.650	21.460	-108.33%	10.32%
10	5b	37.700	37.000	-0.700	-1.86%	0.34%
10	6b	9.050	13.360	4.310	47.62%	2.07%
10	7b	2.860	33.150	30.290	1059.09%	14.56%
10	8b	7.800	-55.570	-63.370	-812.44%	30.47%
10	9b	26.550	-25.150	-51.700	-194.73%	24.86%
10	10b	52.100	1.080	-51.020	-97.93%	24.53%
20	1c	2.500	-4.320	-6.820	-272.80%	3.28%
20	2c	15.940	7.070	-8.870	-55.65%	4.26%
20	3c	25.530	15.940	-9.590	-37.56%	4.61%
20	4c	-19.810	-1.700	18.110	-91.42%	8.71%
20	5c	37.700	35.690	-2.010	-5.33%	0.97%
20	6c	9.050	15.680	6.630	73.26%	3.19%
20	7c	2.860	32.130	29.270	1023.43%	14.07%
20	8c	7.800	-50.920	-58.720	-752.82%	28.23%
20	9c	26.550	-26.330	-52.880	-199.17%	25.42%
20	10c	52.100	4.660	-47.440	-91.06%	22.81%
30	1d	2.500	-4.250	-6.750	-270.00%	3.25%
30	2d	15.940	7.160	-8.780	-55.08%	4.22%
30	3d	25.530	15.100	-10.430	-40.85%	5.01%
30	4d	-19.810	-1.660	18.150	-91.62%	8.73%
30	5d	37.700	37.970	0.270	0.72%	0.13%
30	6d	9.050	16.590	7.540	83.31%	3.62%
30	7d	2.860	31.560	28.700	1003.50%	13.80%
30	8d	7.800	-50.710	-58.510	-750.13%	28.13%
30	9d	26.550	-25.750	-52.300	-196.99%	25.14%
30	10d	52.100	4.860	-47.240	-90.67%	22.71%
	Max	52.100	37.970	30.290	1059.09%	30.47%
	Average	16.022	2.425	-13.597	-48.69%	11.82%
	Min	-19.810	-55.570	-63.370	-812.44%	0.13%
	Std Dev	19.641	25.530	29.563	431.87%	10.09%



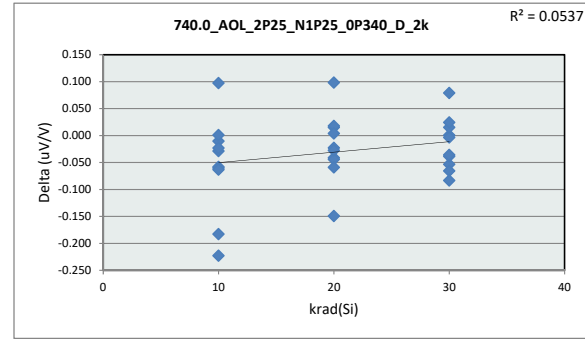
733.0_VOS_2P25_N1P25_N1P91			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	104	uV	
Min Limit	-104	uV	
krad(Si)	10	20	30
LL	-104.000	-104.000	-104.000
Min	-55.570	-50.920	-50.710
Average	1.398	2.790	3.087
Max	37.000	35.690	37.970
UL	104.000	104.000	104.000



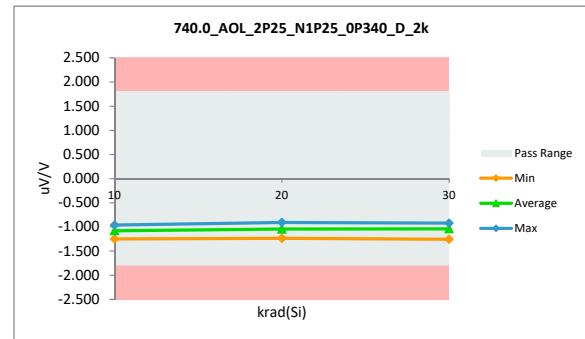
# LDR TID Report OPA4H014-SEP

740.0_AOL_2P25_N1P25_0P340		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.8	1.8
Min Limit	-1.8	-1.8

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.922	-1.145	-0.223	24.19%	6.19%
10	2b	-1.012	-1.022	-0.011	1.04%	0.29%
10	3b	-0.947	-1.008	-0.060	6.35%	1.67%
10	4b	-1.038	-1.067	-0.029	2.76%	0.80%
10	5b	-0.939	-0.962	-0.023	2.46%	0.64%
10	6b	-1.191	-1.249	-0.058	4.88%	1.61%
10	7b	-0.974	-0.973	0.001	-0.09%	0.02%
10	8b	-1.010	-1.193	-0.183	18.12%	5.08%
10	9b	-1.054	-1.117	-0.063	6.02%	1.76%
10	10b	-1.142	-1.045	0.097	-8.52%	2.70%
20	1c	-0.922	-0.906	0.015	-1.64%	0.42%
20	2c	-1.012	-1.053	-0.041	4.09%	1.15%
20	3c	-0.947	-0.970	-0.023	2.41%	0.63%
20	4c	-1.038	-1.187	-0.149	14.38%	4.15%
20	5c	-0.939	-0.921	0.018	-1.90%	0.49%
20	6c	-1.191	-1.235	-0.044	3.73%	1.23%
20	7c	-0.974	-0.970	0.004	-0.40%	0.11%
20	8c	-1.010	-1.069	-0.059	5.84%	1.64%
20	9c	-1.054	-1.081	-0.028	2.63%	0.77%
20	10c	-1.142	-1.044	0.098	-8.60%	2.73%
30	1d	-0.922	-0.921	0.001	-0.07%	0.02%
30	2d	-1.012	-1.066	-0.054	5.30%	1.49%
30	3d	-0.947	-0.986	-0.039	4.07%	1.07%
30	4d	-1.038	-1.041	-0.003	0.34%	0.10%
30	5d	-0.939	-0.924	0.015	-1.61%	0.42%
30	6d	-1.191	-1.257	-0.066	5.50%	1.82%
30	7d	-0.974	-0.950	0.024	-2.49%	0.67%
30	8d	-1.010	-1.094	-0.084	8.27%	2.32%
30	9d	-1.054	-1.089	-0.036	3.41%	1.00%
30	10d	-1.142	-1.063	0.079	-6.92%	2.19%
	Max	-0.922	-0.906	0.098	24.19%	6.19%
	Average	-1.023	-1.054	-0.031	3.12%	1.51%
	Min	-1.191	-1.257	-0.223	-8.60%	0.02%
	Std Dev	0.085	0.100	0.070	6.91%	1.48%



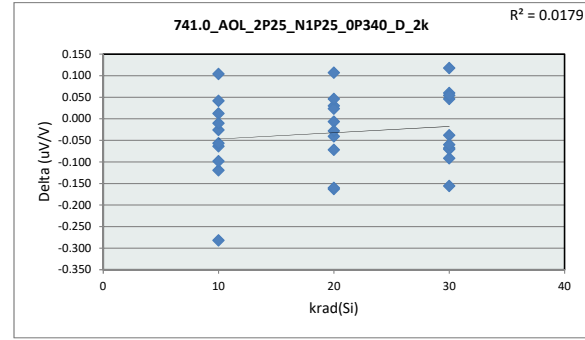
740.0_AOL_2P25_N1P25_0P340				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	1.8	uV/V		
Min Limit	-1.8	uV/V		
	krad(Si)	10	20	30
LL		-1.800	-1.800	-1.800
Min		-1.249	-1.236	-1.257
Average		-1.078	-1.044	-1.039
Max		-0.962	-0.907	-0.921
UL		1.800	1.800	1.800



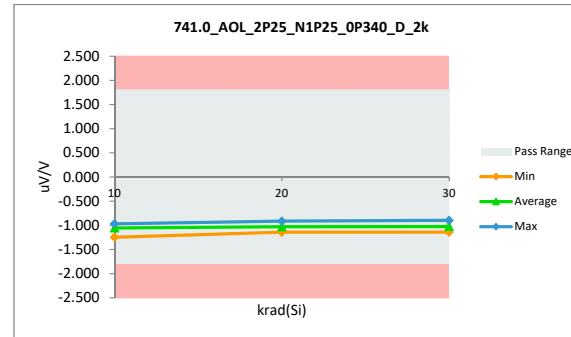
LDR TID Report  
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741.0_AOL_2P25_N1P25_OP340		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.8	1.8
Min Limit	-1.8	-1.8

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.943	-0.968	-0.026	2.73%	0.71%
10	2b	-0.975	-1.094	-0.119	12.25%	3.32%
10	3b	-0.938	-1.037	-0.098	10.48%	2.73%
10	4b	-1.023	-0.981	0.042	-4.09%	1.16%
10	5b	-1.002	-0.989	0.013	-1.25%	0.35%
10	6b	-1.102	-1.112	-0.010	0.92%	0.28%
10	7b	-0.955	-1.019	-0.064	6.67%	1.77%
10	8b	-0.964	-1.246	-0.282	29.26%	7.83%
10	9b	-1.018	-1.074	-0.057	5.57%	1.57%
10	10b	-1.117	-1.013	0.104	-9.31%	2.89%
20	1c	-0.943	-0.913	0.030	-3.19%	0.84%
20	2c	-0.975	-1.047	-0.072	7.36%	1.99%
20	3c	-0.938	-1.101	-0.163	17.36%	4.53%
20	4c	-1.023	-0.999	0.024	-2.30%	0.65%
20	5c	-1.002	-0.955	0.046	-4.62%	1.29%
20	6c	-1.102	-1.143	-0.041	3.70%	1.13%
20	7c	-0.955	-0.962	-0.007	0.69%	0.18%
20	8c	-0.964	-1.124	-0.160	16.61%	4.45%
20	9c	-1.018	-1.046	-0.028	2.77%	0.78%
20	10c	-1.117	-1.010	0.107	-9.59%	2.98%
30	1d	-0.943	-0.897	0.046	-4.88%	1.28%
30	2d	-0.975	-1.043	-0.068	6.95%	1.88%
30	3d	-0.938	-1.030	-0.092	9.76%	2.54%
30	4d	-1.023	-0.963	0.060	-5.85%	1.66%
30	5d	-1.002	-0.947	0.054	-5.40%	1.50%
30	6d	-1.102	-1.140	-0.038	3.45%	1.06%
30	7d	-0.955	-1.025	-0.070	7.36%	1.95%
30	8d	-0.964	-1.120	-0.156	16.17%	4.33%
30	9d	-1.018	-1.078	-0.060	5.91%	1.67%
30	10d	-1.117	-0.999	0.118	-10.54%	3.27%
	Max	-0.938	-0.897	0.118	29.26%	7.83%
	Average	-1.004	-1.036	-0.032	3.50%	2.09%
	Min	-1.117	-1.246	-0.282	-10.54%	0.18%
	Std Dev	0.061	0.077	0.091	9.14%	1.63%



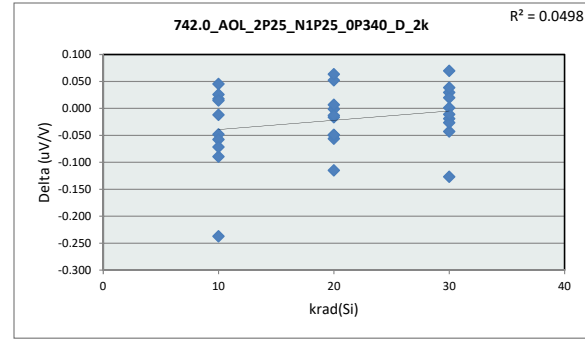
741.0_AOL_2P25_N1P25_OP340			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.8	uV/V	
Min Limit	-1.8	uV/V	
	10	20	30
LL	-1.800	-1.800	-1.800
Min	-1.246	-1.143	-1.140
Average	-1.053	-1.030	-1.024
Max	-0.968	-0.913	-0.897
UL	1.800	1.800	1.800



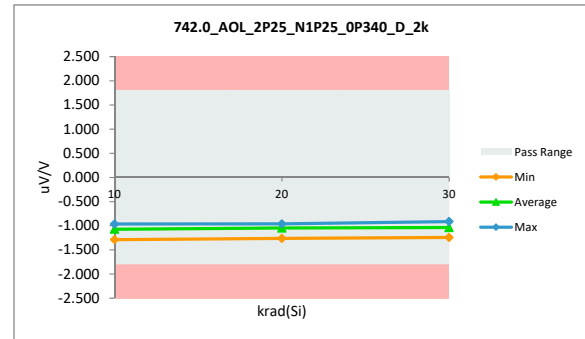
LDR TID Report  
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742.0_AOL_2P25_N1P25_OP340		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.8	1.8
Min Limit	-1.8	-1.8

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.983	-1.072	-0.090	9.12%	2.49%
10	2b	-0.990	-1.038	-0.048	4.88%	1.34%
10	3b	-1.013	-0.995	0.018	-1.75%	0.49%
10	4b	-0.997	-1.054	-0.058	5.81%	1.61%
10	5b	-0.993	-0.967	0.026	-2.60%	0.72%
10	6b	-1.216	-1.287	-0.072	5.91%	1.99%
10	7b	-0.953	-0.965	-0.012	1.25%	0.33%
10	8b	-1.031	-1.268	-0.237	23.03%	6.59%
10	9b	-1.065	-1.050	0.015	-1.38%	0.41%
10	10b	-1.074	-1.029	0.045	-4.22%	1.26%
20	1c	-0.983	-0.999	-0.016	1.67%	0.46%
20	2c	-0.990	-1.046	-0.056	5.69%	1.56%
20	3c	-1.013	-0.961	0.052	-5.14%	1.45%
20	4c	-0.997	-0.998	-0.001	0.13%	0.04%
20	5c	-0.993	-1.042	-0.050	5.00%	1.38%
20	6c	-1.216	-1.265	-0.049	4.04%	1.36%
20	7c	-0.953	-0.966	-0.013	1.37%	0.36%
20	8c	-1.031	-1.146	-0.115	11.17%	3.20%
20	9c	-1.065	-1.058	0.007	-0.62%	0.18%
20	10c	-1.074	-1.010	0.064	-5.91%	1.76%
30	1d	-0.983	-0.913	0.070	-7.07%	1.93%
30	2d	-0.990	-1.009	-0.019	1.93%	0.53%
30	3d	-1.013	-0.983	0.029	-2.90%	0.82%
30	4d	-0.997	-1.039	-0.043	4.30%	1.19%
30	5d	-0.993	-0.973	0.020	-1.98%	0.55%
30	6d	-1.216	-1.242	-0.027	2.19%	0.74%
30	7d	-0.953	-0.952	0.001	-0.12%	0.03%
30	8d	-1.031	-1.158	-0.127	12.30%	3.52%
30	9d	-1.065	-1.076	-0.011	1.05%	0.31%
30	10d	-1.074	-1.036	0.038	-3.57%	1.06%
	Max	-0.953	-0.913	0.070	23.03%	6.59%
	Average	-1.031	-1.053	-0.022	2.12%	1.32%
	Min	-1.216	-1.287	-0.237	-7.07%	0.03%
	Std Dev	0.072	0.100	0.064	6.22%	1.32%



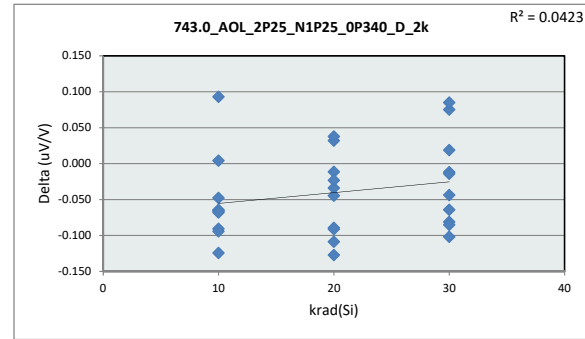
742.0_AOL_2P25_N1P25_OP340				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	1.8	uV/V		
Min Limit	-1.8	uV/V		
	krad(Si)	10	20	30
LL		-1.800	-1.800	-1.800
Min		-1.287	-1.265	-1.242
Average		-1.073	-1.049	-1.038
Max		-0.965	-0.961	-0.913
UL		1.800	1.800	1.800



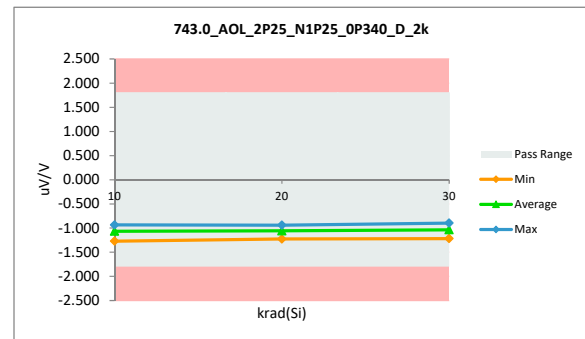
# LDR TID Report OPA4H014-SEP

743.0_AOL_2P25_N1P25_OP340		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.8	1.8
Min Limit	-1.8	-1.8

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.971	-1.019	-0.048	4.91%	1.32%
10	2b	-1.004	-1.095	-0.091	9.04%	2.52%
10	3b	-0.957	-1.021	-0.065	6.75%	1.79%
10	4b	-1.058	-1.123	-0.065	6.16%	1.81%
10	5b	-0.941	-0.937	0.004	-0.42%	0.11%
10	6b	-1.204	-1.271	-0.066	5.50%	1.84%
10	7b	-1.030	-0.937	0.093	-9.03%	2.58%
10	8b	-0.976	-1.100	-0.124	12.76%	3.46%
10	9b	-0.956	-1.051	-0.094	9.86%	2.62%
10	10b	-1.036	-1.104	-0.068	6.57%	1.89%
20	1c	-0.971	-0.940	0.032	-3.27%	0.88%
20	2c	-1.004	-1.093	-0.089	8.92%	2.49%
20	3c	-0.957	-0.991	-0.034	3.54%	0.94%
20	4c	-1.058	-1.149	-0.091	8.63%	2.54%
20	5c	-0.941	-0.953	-0.012	1.23%	0.32%
20	6c	-1.204	-1.228	-0.023	1.93%	0.65%
20	7c	-1.030	-0.992	0.038	-3.65%	1.04%
20	8c	-0.976	-1.020	-0.045	4.58%	1.24%
20	9c	-0.956	-1.084	-0.127	13.31%	3.54%
20	10c	-1.036	-1.145	-0.109	10.51%	3.02%
30	1d	-0.971	-0.896	0.075	-7.72%	2.08%
30	2d	-1.004	-0.985	0.019	-1.87%	0.52%
30	3d	-0.957	-1.021	-0.064	6.71%	1.78%
30	4d	-1.058	-1.070	-0.012	1.13%	0.33%
30	5d	-0.941	-0.985	-0.044	4.65%	1.22%
30	6d	-1.204	-1.219	-0.014	1.18%	0.39%
30	7d	-1.030	-0.945	0.085	-8.24%	2.36%
30	8d	-0.976	-1.078	-0.102	10.45%	2.83%
30	9d	-0.956	-1.038	-0.081	8.49%	2.26%
30	10d	-1.036	-1.121	-0.085	8.22%	2.37%
	Max	-0.941	-0.896	0.093	13.31%	3.54%
	Average	-1.013	-1.054	-0.040	4.03%	1.76%
	Min	-1.204	-1.271	-0.127	-9.03%	0.11%
	Std Dev	0.075	0.093	0.061	6.08%	0.97%



743.0_AOL_2P25_N1P25_OP340			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.8	uV/V	
Min Limit	-1.8	uV/V	
krad(Si)	10	20	30
LL	-1.800	-1.800	-1.800
Min	-1.271	-1.228	-1.219
Average	-1.066	-1.059	-1.036
Max	-0.937	-0.940	-0.897
UL	1.800	1.800	1.800

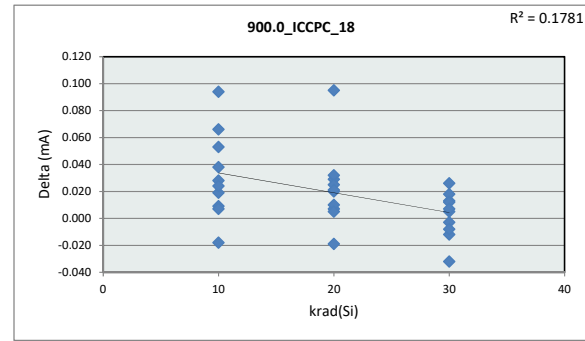




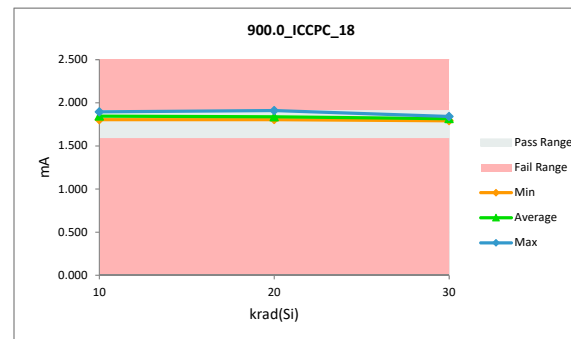
# LDR TID Report OPA4H014-SEP

900.0_ICCPC_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	1.91	1.91
Min Limit	1.59	1.59

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	1.825	1.891	0.066	3.62%	20.62%
10	2b	1.811	1.864	0.053	2.93%	16.56%
10	3b	1.795	1.804	0.009	0.50%	2.81%
10	4b	1.815	1.853	0.038	2.09%	11.87%
10	5b	1.809	1.837	0.028	1.55%	8.75%
10	6b	1.836	1.855	0.019	1.03%	5.94%
10	7b	1.824	1.831	0.007	0.38%	2.19%
10	8b	1.800	1.894	0.094	5.22%	29.38%
10	9b	1.796	1.820	0.024	1.34%	7.50%
10	10b	1.825	1.807	-0.018	-0.99%	5.63%
20	1c	1.825	1.832	0.007	0.38%	2.19%
20	2c	1.811	1.840	0.029	1.60%	9.06%
20	3c	1.795	1.805	0.010	0.56%	3.12%
20	4c	1.815	1.910	0.095	5.23%	29.69%
20	5c	1.809	1.841	0.032	1.77%	10.00%
20	6c	1.836	1.856	0.020	1.09%	6.25%
20	7c	1.824	1.829	0.005	0.27%	1.56%
20	8c	1.800	1.825	0.025	1.39%	7.81%
20	9c	1.796	1.817	0.021	1.17%	6.56%
20	10c	1.825	1.806	-0.019	-1.04%	5.94%
30	1d	1.825	1.813	-0.012	-0.66%	3.75%
30	2d	1.811	1.824	0.013	0.72%	4.06%
30	3d	1.795	1.792	-0.003	-0.17%	0.94%
30	4d	1.815	1.841	0.026	1.43%	8.12%
30	5d	1.809	1.827	0.018	1.00%	5.63%
30	6d	1.836	1.841	0.005	0.27%	1.56%
30	7d	1.824	1.816	-0.008	-0.44%	2.50%
30	8d	1.800	1.812	0.012	0.67%	3.75%
30	9d	1.796	1.803	0.007	0.39%	2.19%
30	10d	1.825	1.793	-0.032	-1.75%	10.00%
	Max	1.836	1.910	0.095	5.23%	29.69%
	Average	1.814	1.833	0.019	1.05%	7.86%
	Min	1.795	1.792	-0.032	-1.75%	0.94%
	Std Dev	0.013	0.029	0.029	1.60%	7.37%



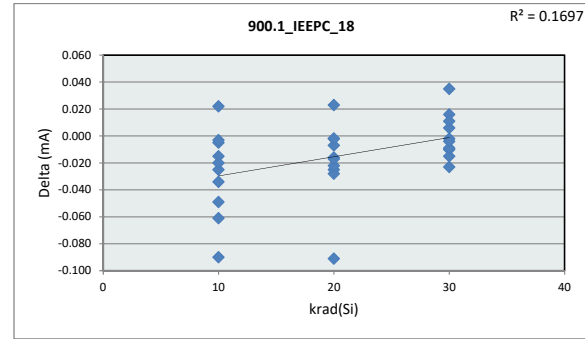
900.0_ICCPC_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.91	mA	
Min Limit	1.59	mA	
	krad(Si)	10	20
LL	1.590	1.590	1.590
Min	1.804	1.805	1.792
Average	1.846	1.836	1.816
Max	1.894	1.910	1.841
UL	1.910	1.910	1.910



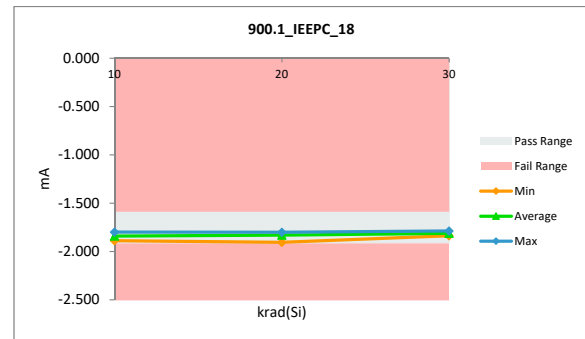
# LDR TID Report OPA4H014-SEP

900.1_IEEPC_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-1.59	-1.59
Min Limit	-1.91	-1.91

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-1.825	-1.886	-0.061	3.34%	19.06%
10	2b	-1.810	-1.859	-0.049	2.71%	15.31%
10	3b	-1.794	-1.799	-0.005	0.28%	1.56%
10	4b	-1.814	-1.848	-0.034	1.87%	10.63%
10	5b	-1.808	-1.833	-0.025	1.38%	7.81%
10	6b	-1.835	-1.850	-0.015	0.82%	4.69%
10	7b	-1.823	-1.826	-0.003	0.16%	0.94%
10	8b	-1.799	-1.889	-0.090	5.00%	28.13%
10	9b	-1.795	-1.815	-0.020	1.11%	6.25%
10	10b	-1.824	-1.802	0.022	-1.21%	6.87%
20	1c	-1.825	-1.827	-0.002	0.11%	0.62%
20	2c	-1.810	-1.835	-0.025	1.38%	7.81%
20	3c	-1.794	-1.801	-0.007	0.39%	2.19%
20	4c	-1.814	-1.905	-0.091	5.02%	28.44%
20	5c	-1.808	-1.836	-0.028	1.55%	8.75%
20	6c	-1.835	-1.851	-0.016	0.87%	5.00%
20	7c	-1.823	-1.825	-0.002	0.11%	0.63%
20	8c	-1.799	-1.821	-0.022	1.22%	6.87%
20	9c	-1.795	-1.812	-0.017	0.95%	5.31%
20	10c	-1.824	-1.801	0.023	-1.26%	7.19%
30	1d	-1.825	-1.809	0.016	-0.88%	5.00%
30	2d	-1.810	-1.820	-0.010	0.55%	3.13%
30	3d	-1.794	-1.788	0.006	-0.33%	1.88%
30	4d	-1.814	-1.837	-0.023	1.27%	7.19%
30	5d	-1.808	-1.823	-0.015	0.83%	4.69%
30	6d	-1.835	-1.837	-0.002	0.11%	0.62%
30	7d	-1.823	-1.812	0.011	-0.60%	3.44%
30	8d	-1.799	-1.808	-0.009	0.50%	2.81%
30	9d	-1.795	-1.799	-0.004	0.22%	1.25%
30	10d	-1.824	-1.789	0.035	-1.92%	10.94%
	Max	-1.794	-1.788	0.035	5.02%	28.44%
	Average	-1.813	-1.828	-0.015	0.85%	7.17%
	Min	-1.835	-1.905	-0.091	-1.92%	0.62%
	Std Dev	0.014	0.029	0.029	1.59%	7.17%



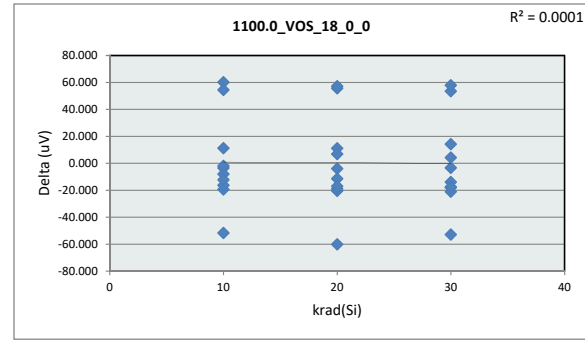
900.1_IEEPC_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-1.59	mA	
Min Limit	-1.91	mA	
krad(Si)	10	20	30
LL	-1.910	-1.910	-1.910
Min	-1.889	-1.905	-1.837
Average	-1.841	-1.831	-1.812
Max	-1.799	-1.801	-1.788
UL	-1.590	-1.590	-1.590



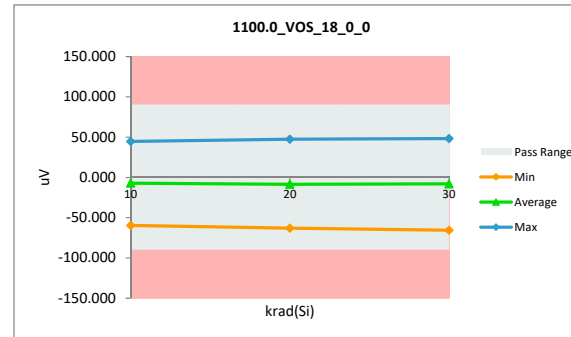
LDR TID Report  
OPA4H014-SEP

1100.0_VOS_18_0_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	90	90
Min Limit	-90	-90

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	15.350	11.790	-3.560	-23.19%	1.98%
10	2b	12.010	23.180	11.170	93.01%	6.21%
10	3b	-30.850	29.210	60.060	-194.68%	33.37%
10	4b	7.050	-44.680	-51.730	-733.76%	28.74%
10	5b	-51.560	-59.640	-8.080	15.67%	4.49%
10	6b	-9.700	44.670	54.370	-560.52%	30.21%
10	7b	-50.280	-52.250	-1.970	3.92%	1.09%
10	8b	13.350	-6.050	-19.400	-145.32%	10.78%
10	9b	13.850	-2.530	-16.380	-118.27%	9.10%
10	10b	-2.850	-15.150	-12.300	431.58%	6.83%
20	1c	15.350	26.410	11.060	72.05%	6.14%
20	2c	12.010	18.840	6.830	56.87%	3.79%
20	3c	-30.850	24.770	55.620	-180.29%	30.90%
20	4c	7.050	-53.090	-60.140	-853.05%	33.41%
20	5c	-51.560	-63.080	-11.520	22.34%	6.40%
20	6c	-9.700	47.480	57.180	-589.48%	31.77%
20	7c	-50.280	-54.330	-4.050	8.05%	2.25%
20	8c	13.350	-7.200	-20.550	-153.93%	11.42%
20	9c	13.850	-5.130	-18.980	-137.04%	10.54%
20	10c	-2.850	-19.920	-17.070	598.95%	9.48%
30	1d	15.350	29.490	14.140	92.12%	7.86%
30	2d	12.010	16.210	4.200	34.97%	2.33%
30	3d	-30.850	22.650	53.500	-173.42%	29.72%
30	4d	7.050	-45.920	-52.970	-751.35%	29.43%
30	5d	-51.560	-65.580	-14.020	27.19%	7.79%
30	6d	-9.700	48.220	57.920	-597.11%	32.18%
30	7d	-50.280	-53.670	-3.390	6.74%	1.88%
30	8d	13.350	-7.700	-21.050	-157.68%	11.69%
30	9d	13.850	-4.120	-17.970	-129.75%	9.98%
30	10d	-2.850	-20.560	-17.710	621.40%	9.84%
	Max	15.350	48.220	60.060	621.40%	33.41%
	Average	-8.363	-7.923	0.440	-113.80%	14.05%
	Min	-51.560	-65.580	-60.140	-853.05%	1.09%
	Std Dev	25.611	36.247	33.289	354.29%	11.74%



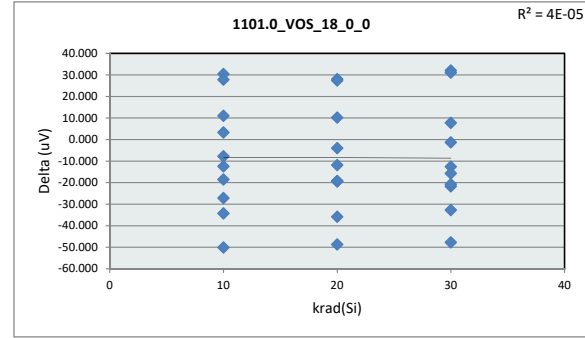
1100.0_VOS_18_0_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	90	uV	
Min Limit	-90	uV	
krad(Si)	10	20	30
LL	-90.000	-90.000	-90.000
Min	-59.640	-63.080	-65.580
Average	-7.145	-8.525	-8.098
Max	44.670	47.480	48.220
UL	90.000	90.000	90.000



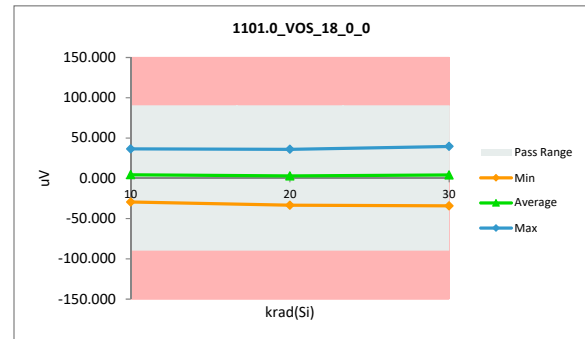
LDR TID Report  
OPA4H014-SEP

1101.0_VOS_18_0_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	90	90
Min Limit	-90	-90

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	41.470	-8.680	-50.150	-120.93%	27.86%
10	2b	16.540	27.570	11.030	66.69%	6.13%
10	3b	18.620	0.090	-18.530	-99.52%	10.29%
10	4b	28.040	-6.260	-34.300	-122.33%	19.06%
10	5b	-21.660	-29.440	-7.780	35.92%	4.32%
10	6b	28.570	16.080	-12.490	-43.72%	6.94%
10	7b	2.860	6.110	3.250	113.64%	1.81%
10	8b	21.160	-6.020	-27.180	-128.45%	15.10%
10	9b	-22.500	7.910	30.410	-135.16%	16.89%
10	10b	8.590	36.400	27.810	323.75%	15.45%
20	1c	41.470	-7.240	-48.710	-117.46%	27.06%
20	2c	16.540	26.720	10.180	61.55%	5.66%
20	3c	18.620	-0.750	-19.370	-104.03%	10.76%
20	4c	28.040	-7.810	-35.850	-127.85%	19.92%
20	5c	-21.660	-33.500	-11.840	54.66%	6.58%
20	6c	28.570	9.220	-19.350	-67.73%	10.75%
20	7c	2.860	-1.130	-3.990	-139.51%	2.22%
20	8c	21.160	1.880	-19.280	-91.12%	10.71%
20	9c	-22.500	5.490	27.990	-124.40%	15.55%
20	10c	8.590	36.000	27.410	319.09%	15.23%
30	1d	41.470	-6.250	-47.720	-115.07%	26.51%
30	2d	16.540	24.240	7.700	46.55%	4.28%
30	3d	18.620	-3.150	-21.770	-116.92%	12.09%
30	4d	28.040	-4.670	-32.710	-116.65%	18.17%
30	5d	-21.660	-34.240	-12.580	58.08%	6.99%
30	6d	28.570	7.750	-20.820	-72.87%	11.57%
30	7d	2.860	1.570	-1.290	-45.10%	0.72%
30	8d	21.160	5.460	-15.700	-74.20%	8.72%
30	9d	-22.500	9.500	32.000	-142.22%	17.78%
30	10d	8.590	39.630	31.040	361.35%	17.24%
	Max	41.470	39.630	32.000	361.35%	27.86%
	Average	12.169	3.749	-8.420	-22.13%	12.41%
	Min	-22.500	-34.240	-50.150	-142.22%	0.72%
	Std Dev	20.257	18.560	24.897	142.88%	7.39%



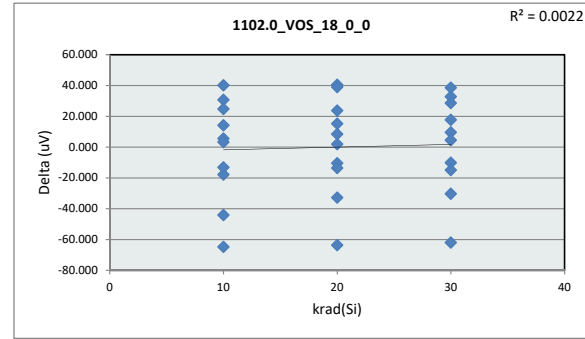
1101.0_VOS_18_0_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	90	uV	
Min Limit	-90	uV	
krad(Si)	10	20	30
LL	-90.000	-90.000	-90.000
Min	-29.440	-33.500	-34.240
Average	4.376	2.888	3.984
Max	36.400	36.000	39.630
UL	90.000	90.000	90.000



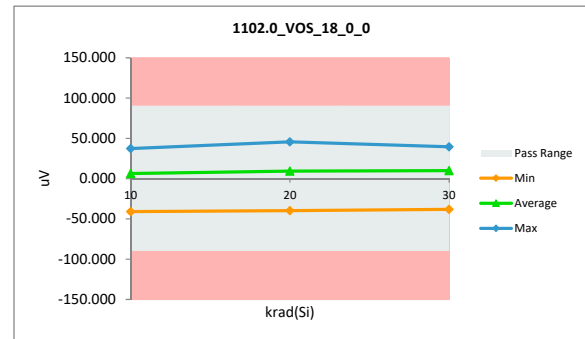
LDR TID Report  
OPA4H014-SEP

1102.0_VOS_18_0_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	90	90
Min Limit	-90	-90

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	18.440	0.610	-17.830	-96.69%	9.91%
10	2b	-24.830	15.230	40.060	-161.34%	22.26%
10	3b	4.790	10.260	5.470	114.20%	3.04%
10	4b	6.700	37.350	30.650	457.46%	17.03%
10	5b	-1.110	2.100	3.210	-289.19%	1.78%
10	6b	-9.190	4.980	14.170	-154.19%	7.87%
10	7b	23.850	-40.950	-64.800	-271.70%	36.00%
10	8b	33.890	-10.250	-44.140	-130.24%	24.52%
10	9b	4.910	29.680	24.770	504.48%	13.76%
10	10b	27.020	13.820	-13.200	-48.85%	7.33%
20	1c	18.440	7.920	-10.520	-57.05%	5.84%
20	2c	-24.830	15.610	40.440	-162.87%	22.47%
20	3c	4.790	13.170	8.380	174.95%	4.66%
20	4c	6.700	45.660	38.960	581.49%	21.64%
20	5c	-1.110	0.810	1.920	-172.97%	1.07%
20	6c	-9.190	6.000	15.190	-165.29%	8.44%
20	7c	23.850	-39.870	-63.720	-267.17%	35.40%
20	8c	33.890	1.020	-32.870	-96.99%	18.26%
20	9c	4.910	28.590	23.680	482.28%	13.16%
20	10c	27.020	13.410	-13.610	-50.37%	7.56%
30	1d	18.440	8.260	-10.180	-55.21%	5.66%
30	2d	-24.830	13.720	38.550	-155.26%	21.42%
30	3d	4.790	14.310	9.520	198.75%	5.29%
30	4d	6.700	39.450	32.750	488.81%	18.19%
30	5d	-1.110	3.320	4.430	-399.10%	2.46%
30	6d	-9.190	8.440	17.630	-191.84%	9.79%
30	7d	23.850	-38.150	-62.000	-259.96%	34.44%
30	8d	33.890	3.510	-30.380	-89.64%	16.88%
30	9d	4.910	33.510	28.600	582.48%	15.89%
30	10d	27.020	12.030	-14.990	-55.48%	8.33%
	Max	33.890	45.660	40.440	582.48%	36.00%
	Average	8.447	8.452	0.005	8.45%	14.01%
	Min	-24.830	-40.950	-64.800	-399.10%	1.07%
	Std Dev	17.225	20.759	31.287	287.79%	9.95%



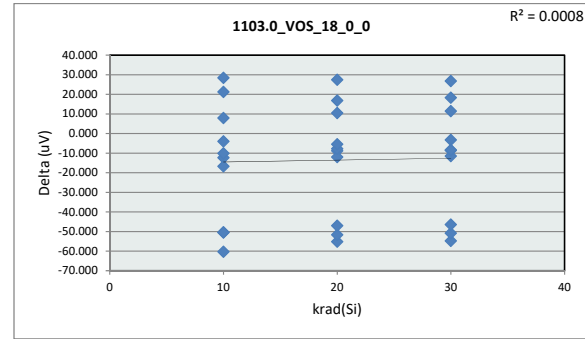
1102.0_VOS_18_0_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	90	uV	
Min Limit	-90	uV	
	10	20	30
LL	-90.000	-90.000	-90.000
Min	-40.950	-39.870	-38.150
Average	6.283	9.232	9.840
Max	37.350	45.660	39.450
UL	90.000	90.000	90.000



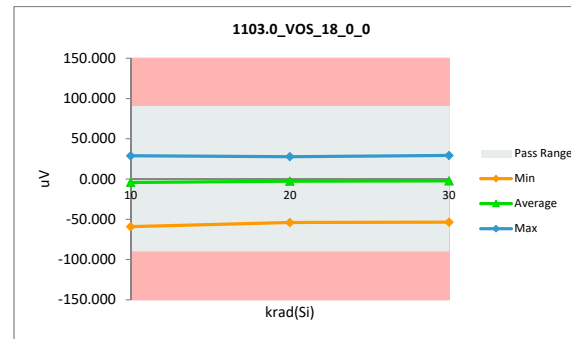
# LDR TID Report OPA4H014-SEP

1103.0_VOS_18_0_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	90	90
Min Limit	-90	-90

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-2.730	-15.080	-12.350	452.38%	6.86%
10	2b	10.500	-6.230	-16.730	-159.33%	9.29%
10	3b	19.820	9.680	-10.140	-51.16%	5.63%
10	4b	-23.980	-2.720	21.260	-88.66%	11.81%
10	5b	32.520	28.540	-3.980	-12.24%	2.21%
10	6b	2.580	10.520	7.940	307.75%	4.41%
10	7b	0.390	28.840	28.450	7294.87%	15.81%
10	8b	1.180	-59.130	-60.310	-5111.02%	33.51%
10	9b	19.210	-31.250	-50.460	-262.68%	28.03%
10	10b	44.970	-5.440	-50.410	-112.10%	28.01%
20	1c	-2.730	-11.560	-8.830	323.44%	4.91%
20	2c	10.500	-1.520	-12.020	-114.48%	6.68%
20	3c	19.820	12.100	-7.720	-38.95%	4.29%
20	4c	-23.980	-7.160	16.820	-70.14%	9.34%
20	5c	32.520	27.060	-5.460	-16.79%	3.03%
20	6c	2.580	13.020	10.440	404.65%	5.80%
20	7c	0.390	27.810	27.420	7030.77%	15.23%
20	8c	1.180	-53.960	-55.140	-4672.88%	30.63%
20	9c	19.210	-32.430	-51.640	-268.82%	28.69%
20	10c	44.970	-2.050	-47.020	-104.56%	26.12%
30	1d	-2.730	-11.290	-8.560	313.55%	4.76%
30	2d	10.500	-1.040	-11.540	-109.90%	6.41%
30	3d	19.820	11.450	-8.370	-42.23%	4.65%
30	4d	-23.980	-5.690	18.290	-76.27%	10.16%
30	5d	32.520	29.290	-3.230	-9.93%	1.79%
30	6d	2.580	14.010	11.430	443.02%	6.35%
30	7d	0.390	27.160	26.770	6864.10%	14.87%
30	8d	1.180	-53.610	-54.790	-4643.22%	30.44%
30	9d	19.210	-31.620	-50.830	-264.60%	28.24%
30	10d	44.970	-1.490	-46.460	-103.31%	25.81%
	Max	44.970	29.290	28.450	7294.87%	33.51%
	Average	10.446	-3.126	-13.572	236.71%	13.79%
	Min	-23.980	-59.130	-60.310	-5111.02%	1.79%
	Std Dev	18.896	25.100	28.564	2746.68%	10.67%



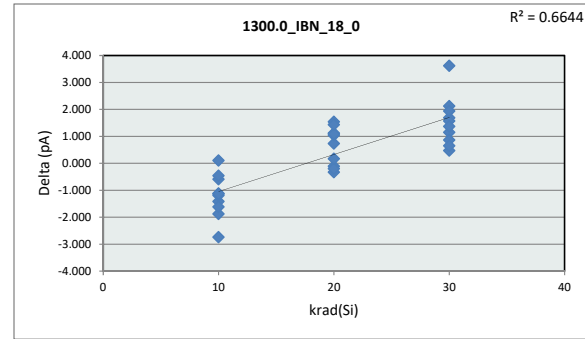
1103.0_VOS_18_0_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	90	uV	
Min Limit	-90	uV	
krad(Si)	10	20	30
LL	-90.000	-90.000	-90.000
Min	-59.130	-53.960	-53.610
Average	-4.227	-2.869	-2.283
Max	28.840	27.810	29.290
UL	90.000	90.000	90.000



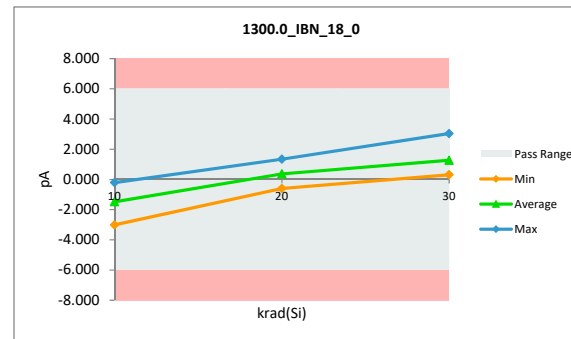
# LDR TID Report OPA4H014-SEP

1300.0_IBN_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.580	-2.000	-1.420	244.83%	11.83%
10	2b	-0.270	-3.010	-2.740	1014.81%	22.83%
10	3b	-0.210	-2.090	-1.880	895.24%	15.67%
10	4b	-0.160	-1.780	-1.620	1012.50%	13.50%
10	5b	-0.310	-0.210	0.100	-32.26%	0.83%
10	6b	-0.200	-1.320	-1.120	560.00%	9.33%
10	7b	-0.200	-0.790	-0.590	295.00%	4.92%
10	8b	-0.290	-0.750	-0.460	158.62%	3.83%
10	9b	-0.120	-1.310	-1.190	991.67%	9.92%
10	10b	-0.430	-1.570	-1.140	265.12%	9.50%
20	1c	-0.580	0.540	1.120	-193.10%	9.33%
20	2c	-0.270	-0.600	-0.330	122.22%	2.75%
20	3c	-0.210	-0.320	-0.110	52.38%	0.92%
20	4c	-0.160	-0.360	-0.200	125.00%	1.67%
20	5c	-0.310	-0.140	0.170	-54.84%	1.42%
20	6c	-0.200	0.530	0.730	-365.00%	6.08%
20	7c	-0.200	1.340	1.540	-770.00%	12.83%
20	8c	-0.290	0.750	1.040	-358.62%	8.67%
20	9c	-0.120	0.970	1.090	-908.33%	9.08%
20	10c	-0.430	1.000	1.430	-332.56%	11.92%
30	1d	-0.580	3.040	3.620	-624.14%	30.17%
30	2d	-0.270	0.880	1.150	-425.93%	9.58%
30	3d	-0.210	0.650	0.860	-409.52%	7.17%
30	4d	-0.160	0.310	0.470	-293.75%	3.92%
30	5d	-0.310	0.340	0.650	-209.68%	5.42%
30	6d	-0.200	1.490	1.690	-845.00%	14.08%
30	7d	-0.200	1.920	2.120	-1060.00%	17.67%
30	8d	-0.290	1.280	1.570	-541.38%	13.08%
30	9d	-0.120	1.250	1.370	-1141.67%	11.42%
30	10d	-0.430	1.510	1.940	-451.16%	16.17%
	Max	-0.120	3.040	3.620	1014.81%	30.17%
	Average	-0.277	0.052	0.329	-109.32%	9.85%
	Min	-0.580	-3.010	-2.740	-1141.67%	0.83%
	Std Dev	0.133	1.380	1.401	599.11%	6.61%



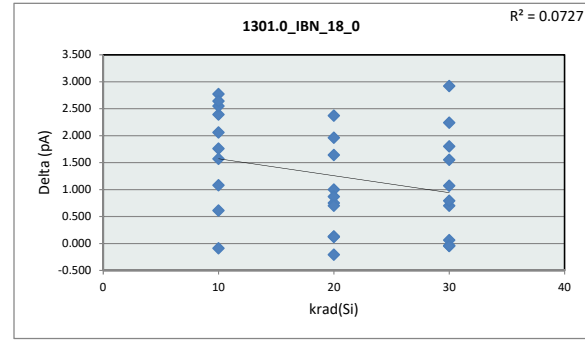
1300.0_IBN_18_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
krad(Si)	10	20	30
LL	-6.000	-6.000	-6.000
Min	-3.010	-0.600	0.310
Average	-1.483	0.371	1.267
Max	-0.210	1.340	3.040
UL	6.000	6.000	6.000



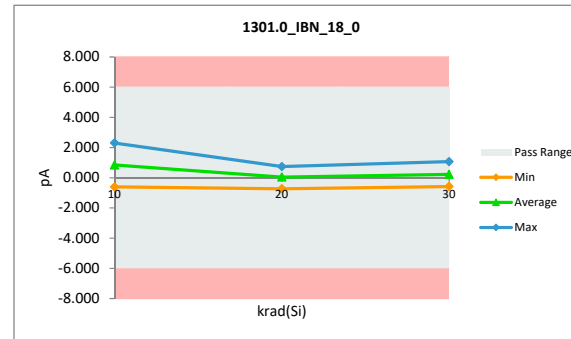
LDR TID Report  
OPA4H014-SEP

1301.0_IBN_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.590	0.490	1.080	-183.05%	9.00%
10	2b	-1.370	0.390	1.760	-128.47%	14.67%
10	3b	-0.520	-0.610	-0.090	17.31%	0.75%
10	4b	-0.510	0.100	0.610	-119.61%	5.08%
10	5b	-0.470	2.300	2.770	-589.36%	23.08%
10	6b	-1.220	1.170	2.390	-195.90%	19.92%
10	7b	-0.670	0.900	1.570	-234.33%	13.08%
10	8b	-0.740	1.810	2.550	-344.59%	21.25%
10	9b	-0.960	1.100	2.060	-214.58%	17.17%
10	10b	-1.850	0.790	2.640	-142.70%	22.00%
20	1c	-0.590	0.410	1.000	-169.49%	8.33%
20	2c	-1.370	-0.620	0.750	-54.74%	6.25%
20	3c	-0.520	-0.730	-0.210	40.38%	1.75%
20	4c	-0.510	-0.380	0.130	-25.49%	1.08%
20	5c	-0.470	-0.350	0.120	-25.53%	1.00%
20	6c	-1.220	0.740	1.960	-160.66%	16.33%
20	7c	-0.670	0.200	0.870	-129.85%	7.25%
20	8c	-0.740	-0.040	0.700	-94.59%	5.83%
20	9c	-0.960	0.680	1.640	-170.83%	13.67%
20	10c	-1.850	0.520	2.370	-128.11%	19.75%
30	1d	-0.590	0.110	0.700	-118.64%	5.83%
30	2d	-1.370	-0.580	0.790	-57.66%	6.58%
30	3d	-0.520	-0.460	0.060	-11.54%	0.50%
30	4d	-0.510	-0.550	-0.040	7.84%	0.33%
30	5d	-0.470	-0.520	-0.050	10.64%	0.42%
30	6d	-1.220	1.020	2.240	-183.61%	18.67%
30	7d	-0.670	0.880	1.550	-231.34%	12.92%
30	8d	-0.740	0.330	1.070	-144.59%	8.92%
30	9d	-0.960	0.840	1.800	-187.50%	15.00%
30	10d	-1.850	1.070	2.920	-157.84%	24.33%
	Max	-0.470	2.300	2.920	40.38%	24.33%
	Average	-0.890	0.367	1.257	-137.62%	10.69%
	Min	-1.850	-0.730	-0.210	-589.36%	0.33%
	Std Dev	0.442	0.763	0.970	123.18%	7.79%



1301.0_IBN_18_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
	10	20	30
LL	-6.000	-6.000	-6.000
Min	-0.610	-0.730	-0.580
Average	0.844	0.043	0.214
Max	2.300	0.740	1.070
UL	6.000	6.000	6.000

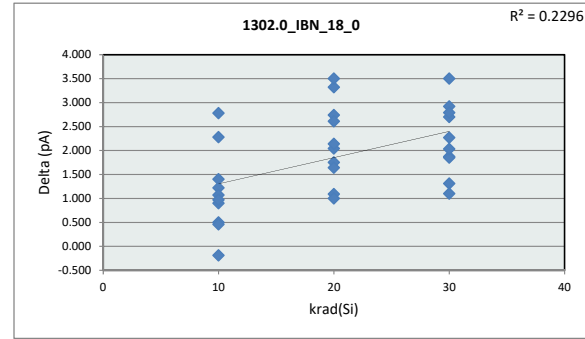




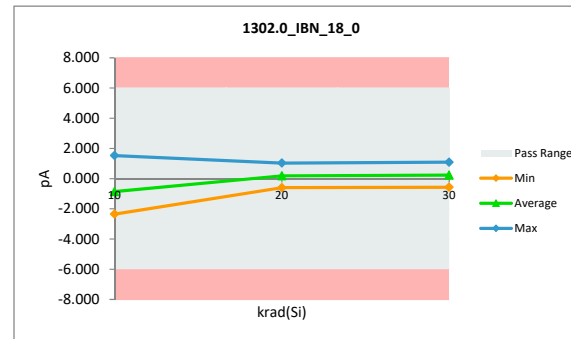
# LDR TID Report OPA4H014-SEP

1302.0_IBN_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-2.610	-1.210	1.400	-53.64%	11.67%
10	2b	-2.440	-1.940	0.500	-20.49%	4.17%
10	3b	-2.160	-2.350	-0.190	8.80%	1.58%
10	4b	-1.660	-0.760	0.900	-54.22%	7.50%
10	5b	-1.600	-1.140	0.460	-28.75%	3.83%
10	6b	-2.290	-1.070	1.220	-53.28%	10.17%
10	7b	-1.700	-0.630	1.070	-62.94%	8.92%
10	8b	-1.250	1.530	2.780	-222.40%	23.17%
10	9b	-1.610	-0.640	0.970	-60.25%	8.08%
10	10b	-2.690	-0.410	2.280	-84.76%	19.00%
20	1c	-2.610	0.130	2.740	-104.98%	22.83%
20	2c	-2.440	-0.400	2.040	-83.61%	17.00%
20	3c	-2.160	-0.410	1.750	-81.02%	14.58%
20	4c	-1.660	-0.570	1.090	-65.66%	9.08%
20	5c	-1.600	-0.600	1.000	-62.50%	8.33%
20	6c	-2.290	1.030	3.320	-144.98%	27.67%
20	7c	-1.700	-0.060	1.640	-96.47%	13.67%
20	8c	-1.250	0.890	2.140	-171.20%	17.83%
20	9c	-1.610	1.000	2.610	-162.11%	21.75%
20	10c	-2.690	0.810	3.500	-130.11%	29.17%
30	1d	-2.610	0.090	2.700	-103.45%	22.50%
30	2d	-2.440	-0.570	1.870	-76.64%	15.58%
30	3d	-2.160	-0.310	1.850	-85.65%	15.42%
30	4d	-1.660	-0.350	1.310	-78.92%	10.92%
30	5d	-1.600	-0.500	1.100	-68.75%	9.17%
30	6d	-2.290	0.630	2.920	-127.51%	24.33%
30	7d	-1.700	1.090	2.790	-164.12%	23.25%
30	8d	-1.250	0.780	2.030	-162.40%	16.92%
30	9d	-1.610	0.660	2.270	-140.99%	18.92%
30	10d	-2.690	0.810	3.500	-130.11%	29.17%
	Max	-1.250	1.530	3.500	8.80%	29.17%
	Average	-2.001	-0.149	1.852	-95.77%	15.54%
	Min	-2.690	-2.350	-0.190	-222.40%	1.58%
	Std Dev	0.480	0.929	0.949	51.17%	7.69%



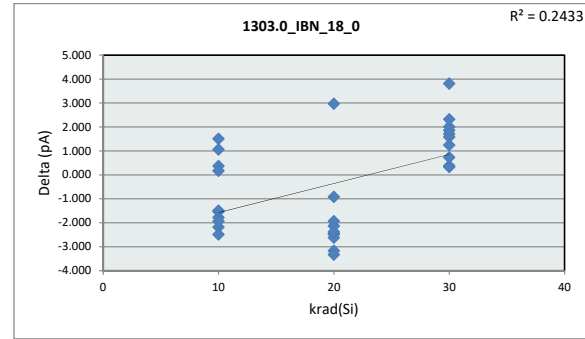
1302.0_IBN_18_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
krad(Si)	10	20	30
LL	-6.000	-6.000	-6.000
Min	-2.350	-0.600	-0.570
Average	-0.862	0.182	0.233
Max	1.530	1.030	1.090
UL	6.000	6.000	6.000



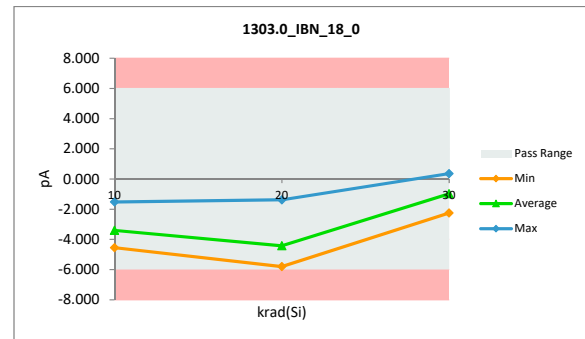
# LDR TID Report OPA4H014-SEP

1303.0_IBN_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-4.350	-2.840	1.510	-34.71%	12.58%
10	2b	-2.630	-4.410	-1.780	67.68%	14.83%
10	3b	-2.370	-4.550	-2.180	91.98%	18.17%
10	4b	-2.590	-4.120	-1.530	59.07%	12.75%
10	5b	-2.920	-2.550	0.370	-12.67%	3.08%
10	6b	-2.600	-2.430	0.170	-6.54%	1.42%
10	7b	-1.960	-4.450	-2.490	127.04%	20.75%
10	8b	-2.580	-1.520	1.060	-41.09%	8.83%
10	9b	-2.020	-3.950	-1.930	95.54%	16.08%
10	10b	-1.750	-3.240	-1.490	85.14%	12.42%
20	1c	-4.350	-1.380	2.970	-68.28%	24.75%
20	2c	-2.630	-5.800	-3.170	120.53%	26.42%
20	3c	-2.370	-5.700	-3.330	140.51%	27.75%
20	4c	-2.590	-5.040	-2.450	94.59%	20.42%
20	5c	-2.920	-5.400	-2.480	84.93%	20.67%
20	6c	-2.600	-3.520	-0.920	35.38%	7.67%
20	7c	-1.960	-4.090	-2.130	108.67%	17.75%
20	8c	-2.580	-5.200	-2.620	101.55%	21.83%
20	9c	-2.020	-4.400	-2.380	117.82%	19.83%
20	10c	-1.750	-3.680	-1.930	110.29%	16.08%
30	1d	-4.350	-0.540	3.810	-87.59%	31.75%
30	2d	-2.630	-2.250	0.380	-14.45%	3.17%
30	3d	-2.370	-2.040	0.330	-13.92%	2.75%
30	4d	-2.590	-1.860	0.730	-28.19%	6.08%
30	5d	-2.920	-1.670	1.250	-42.81%	10.42%
30	6d	-2.600	-0.590	2.010	-77.31%	16.75%
30	7d	-1.960	0.360	2.320	-118.37%	19.33%
30	8d	-2.580	-1.000	1.580	-61.24%	13.17%
30	9d	-2.020	-0.310	1.710	-84.65%	14.25%
30	10d	-1.750	0.110	1.860	-106.29%	15.50%
	Max	-1.750	0.360	3.810	140.51%	31.75%
	Average	-2.577	-2.935	-0.358	21.42%	15.24%
	Min	-4.350	-5.800	-3.330	-118.37%	1.42%
	Std Dev	0.696	1.823	2.043	82.17%	7.67%



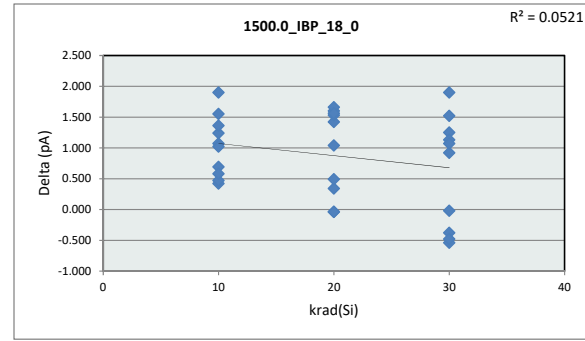
1303.0_IBN_18_0				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	6	pA		
Min Limit	-6	pA		
	krad(Si)	10	20	30
LL		-6.000	-6.000	-6.000
Min		-4.550	-5.800	-2.250
Average		-3.406	-4.421	-0.979
Max		-1.520	-1.380	0.360
UL		6.000	6.000	6.000



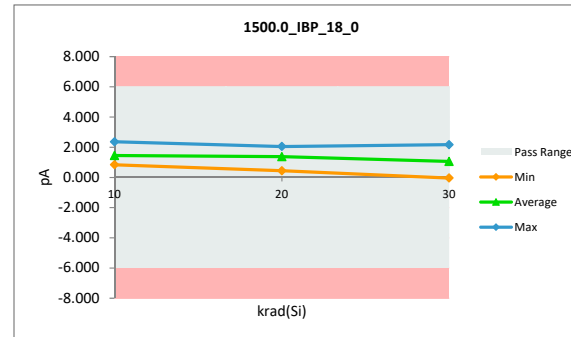
LDR TID Report  
OPA4H014-SEP

1500.0_IBP_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.270	1.340	1.070	396.30%	8.92%
10	2b	0.480	0.900	0.420	87.50%	3.50%
10	3b	0.630	1.100	0.470	74.60%	3.92%
10	4b	0.440	1.130	0.690	156.82%	5.75%
10	5b	0.260	0.840	0.580	223.08%	4.83%
10	6b	0.410	1.650	1.240	302.44%	10.33%
10	7b	0.390	1.750	1.360	348.72%	11.33%
10	8b	0.460	2.360	1.900	413.04%	15.83%
10	9b	0.490	1.510	1.020	208.16%	8.50%
10	10b	0.360	1.910	1.550	430.56%	12.92%
20	1c	0.270	1.310	1.040	385.19%	8.67%
20	2c	0.480	0.440	-0.040	-8.33%	0.33%
20	3c	0.630	0.590	-0.040	-6.35%	0.33%
20	4c	0.440	0.780	0.340	77.27%	2.83%
20	5c	0.260	0.750	0.490	188.46%	4.08%
20	6c	0.410	2.010	1.600	390.24%	13.33%
20	7c	0.390	2.050	1.660	425.64%	13.83%
20	8c	0.460	1.880	1.420	308.70%	11.83%
20	9c	0.490	2.020	1.530	312.24%	12.75%
20	10c	0.360	1.920	1.560	433.33%	13.00%
30	1d	0.270	2.170	1.900	703.70%	15.83%
30	2d	0.480	0.100	-0.380	-79.17%	3.17%
30	3d	0.630	0.090	-0.540	-85.71%	4.50%
30	4d	0.440	-0.040	-0.480	-109.09%	4.00%
30	5d	0.260	0.240	-0.020	-7.69%	0.17%
30	6d	0.410	1.660	1.250	304.88%	10.42%
30	7d	0.390	1.520	1.130	289.74%	9.42%
30	8d	0.460	1.380	0.920	200.00%	7.67%
30	9d	0.490	1.560	1.070	218.37%	8.92%
30	10d	0.360	1.880	1.520	422.22%	12.67%
	Max	0.630	2.360	1.900	703.70%	15.83%
	Average	0.419	1.293	0.874	233.50%	8.12%
	Min	0.260	-0.040	-0.540	-109.09%	0.17%
	Std Dev	0.105	0.685	0.715	193.79%	4.71%



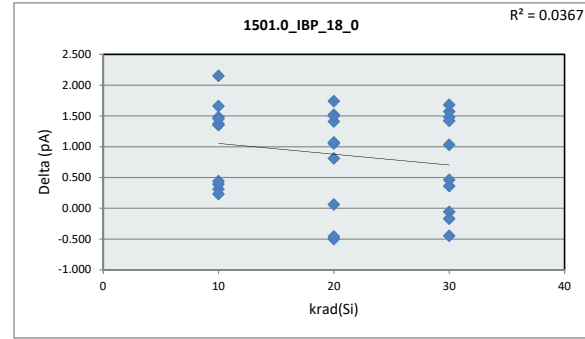
1500.0_IBP_18_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
krad(Si)	10	20	30
LL	-6.000	-6.000	-6.000
Min	0.840	0.440	-0.040
Average	1.449	1.375	1.056
Max	2.360	2.050	2.170
UL	6.000	6.000	6.000



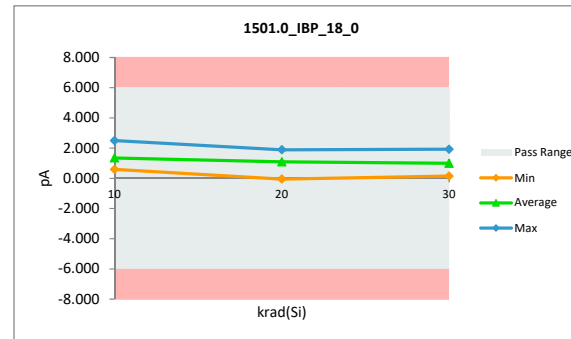
LDR TID Report  
OPA4H014-SEP

1501.0_IBP_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.280	0.590	0.310	110.71%	2.58%
10	2b	0.590	0.980	0.390	66.10%	3.25%
10	3b	0.410	0.640	0.230	56.10%	1.92%
10	4b	0.350	0.790	0.440	125.71%	3.67%
10	5b	-0.170	1.180	1.350	-794.12%	11.25%
10	6b	0.180	1.660	1.480	822.22%	12.33%
10	7b	0.150	1.520	1.370	913.33%	11.42%
10	8b	0.350	2.500	2.150	614.29%	17.92%
10	9b	0.260	1.920	1.660	638.46%	13.83%
10	10b	0.240	1.690	1.450	604.17%	12.08%
20	1c	0.280	1.330	1.050	375.00%	8.75%
20	2c	0.590	0.090	-0.500	-84.75%	4.17%
20	3c	0.410	-0.050	-0.460	-112.20%	3.83%
20	4c	0.350	0.410	0.060	17.14%	0.50%
20	5c	-0.170	0.640	0.810	-476.47%	6.75%
20	6c	0.180	1.250	1.070	594.44%	8.92%
20	7c	0.150	1.890	1.740	1160.00%	14.50%
20	8c	0.350	1.760	1.410	402.86%	11.75%
20	9c	0.260	1.780	1.520	584.62%	12.67%
20	10c	0.240	1.740	1.500	625.00%	12.50%
30	1d	0.280	0.740	0.460	164.29%	3.83%
30	2d	0.590	0.140	-0.450	-76.27%	3.75%
30	3d	0.410	0.350	-0.060	-14.63%	0.50%
30	4d	0.350	0.180	-0.170	-48.57%	1.42%
30	5d	-0.170	0.190	0.360	-211.76%	3.00%
30	6d	0.180	1.660	1.480	822.22%	12.33%
30	7d	0.150	1.720	1.570	1046.67%	13.08%
30	8d	0.350	1.380	1.030	294.29%	8.58%
30	9d	0.260	1.680	1.420	546.15%	11.83%
30	10d	0.240	1.920	1.680	700.00%	14.00%
	Max	0.590	2.500	2.150	1160.00%	17.92%
	Average	0.264	1.142	0.878	315.50%	8.23%
	Min	-0.170	-0.050	-0.500	-794.12%	0.50%
	Std Dev	0.191	0.698	0.761	456.68%	5.06%



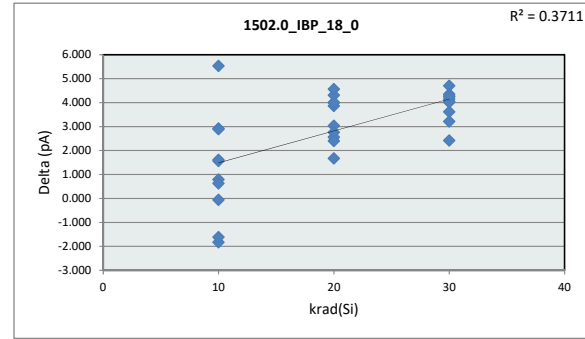
1501.0_IBP_18_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
krad(Si)	10	20	30
LL	-6.000	-6.000	-6.000
Min	0.590	-0.050	0.140
Average	1.347	1.084	0.996
Max	2.500	1.890	1.920
UL	6.000	6.000	6.000



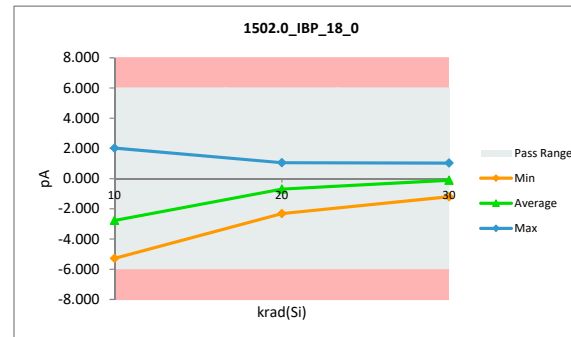
# LDR TID Report OPA4H014-SEP

1502.0_IBP_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-3.230	-3.290	-0.060	1.86%	0.50%
10	2b	-5.340	-3.780	1.560	-29.21%	13.00%
10	3b	-4.810	-4.020	0.790	-16.42%	6.58%
10	4b	-4.760	-1.840	2.920	-61.34%	24.33%
10	5b	-3.720	-2.110	1.610	-43.28%	13.42%
10	6b	-3.450	-5.280	-1.830	53.04%	15.25%
10	7b	-4.500	-1.610	2.890	-64.22%	24.08%
10	8b	-3.510	2.020	5.530	-157.55%	46.08%
10	9b	-3.570	-5.190	-1.620	45.38%	13.50%
10	10b	-3.240	-2.610	0.630	-19.44%	5.25%
20	1c	-3.230	-0.670	2.560	-79.26%	21.33%
20	2c	-5.340	-2.310	3.030	-56.74%	25.25%
20	3c	-4.810	-0.950	3.860	-80.25%	32.17%
20	4c	-4.760	-0.760	4.000	-84.03%	33.33%
20	5c	-3.720	-0.960	2.760	-74.19%	23.00%
20	6c	-3.450	-1.780	1.670	-48.41%	13.92%
20	7c	-4.500	-0.190	4.310	-95.78%	35.92%
20	8c	-3.510	1.050	4.560	-129.91%	38.00%
20	9c	-3.570	-1.170	2.400	-67.23%	20.00%
20	10c	-3.240	0.760	4.000	-123.46%	33.33%
30	1d	-3.230	-0.810	2.420	-74.92%	20.17%
30	2d	-5.340	-1.090	4.250	-79.59%	35.42%
30	3d	-4.810	-1.200	3.610	-75.05%	30.08%
30	4d	-4.760	-0.710	4.050	-85.08%	33.75%
30	5d	-3.720	-0.510	3.210	-86.29%	26.75%
30	6d	-3.450	0.700	4.150	-120.29%	34.58%
30	7d	-4.500	0.200	4.700	-104.44%	39.17%
30	8d	-3.510	0.500	4.010	-114.25%	33.42%
30	9d	-3.570	0.780	4.350	-121.85%	36.25%
30	10d	-3.240	1.030	4.270	-131.79%	35.58%
	Max	-3.230	2.020	5.530	53.04%	46.08%
	Average	-4.013	-1.193	2.820	-70.80%	25.45%
	Min	-5.340	-5.280	-1.830	-157.55%	0.50%
	Std Dev	0.737	1.816	1.813	49.18%	11.38%



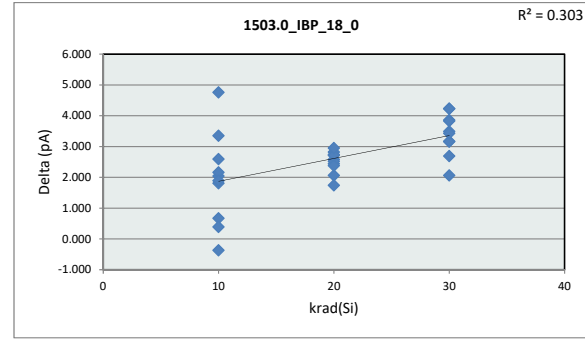
1502.0_IBP_18_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
krad(Si)	10	20	30
LL	-6.000	-6.000	-6.000
Min	-5.280	-2.310	-1.200
Average	-2.771	-0.698	-0.111
Max	2.020	1.050	1.030
UL	6.000	6.000	6.000



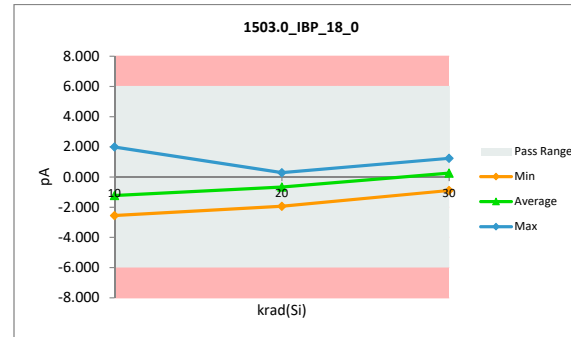
LDR TID Report  
OPA4H014-SEP

1503.0_IBP_18_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-2.150	-0.340	1.810	-84.19%	15.08%
10	2b	-4.380	-1.790	2.590	-59.13%	21.58%
10	3b	-4.470	-2.430	2.040	-45.64%	17.00%
10	4b	-3.450	-1.290	2.160	-62.61%	18.00%
10	5b	-3.490	-0.140	3.350	-95.99%	27.92%
10	6b	-3.220	-2.550	0.670	-20.81%	5.58%
10	7b	-3.360	-1.470	1.890	-56.25%	15.75%
10	8b	-2.770	1.990	4.760	-171.84%	39.67%
10	9b	-2.840	-2.450	0.390	-13.73%	3.25%
10	10b	-1.450	-1.820	-0.370	25.52%	3.08%
20	1c	-2.150	-0.090	2.060	-95.81%	17.17%
20	2c	-4.380	-1.940	2.440	-55.71%	20.33%
20	3c	-4.470	-1.890	2.580	-57.72%	21.50%
20	4c	-3.450	-0.930	2.520	-73.04%	21.00%
20	5c	-3.490	-1.110	2.380	-68.19%	19.83%
20	6c	-3.220	-0.400	2.820	-87.58%	23.50%
20	7c	-3.360	-0.620	2.740	-81.55%	22.83%
20	8c	-2.770	-0.060	2.710	-97.83%	22.58%
20	9c	-2.840	0.110	2.950	-103.87%	24.58%
20	10c	-1.450	0.290	1.740	-120.00%	14.50%
30	1d	-2.150	-0.090	2.060	-95.81%	17.17%
30	2d	-4.380	-0.890	3.490	-79.68%	29.08%
30	3d	-4.470	-0.610	3.860	-86.35%	32.17%
30	4d	-3.450	-0.280	3.170	-91.88%	26.42%
30	5d	-3.490	-0.330	3.160	-90.54%	26.33%
30	6d	-3.220	1.010	4.230	-131.37%	35.25%
30	7d	-3.360	0.870	4.230	-125.89%	35.25%
30	8d	-2.770	0.660	3.430	-123.83%	28.58%
30	9d	-2.840	0.990	3.830	-134.86%	31.92%
30	10d	-1.450	1.240	2.690	-185.52%	22.42%
	Max	-1.450	1.990	4.760	25.52%	39.67%
	Average	-3.158	-0.545	2.613	-85.72%	21.98%
	Min	-4.470	-2.550	-0.370	-185.52%	3.08%
	Std Dev	0.889	1.176	1.121	43.41%	8.83%



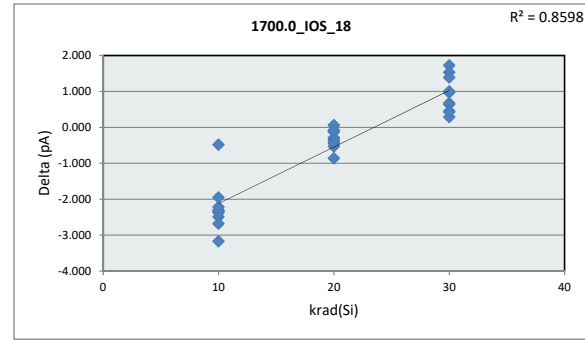
1503.0_IBP_18_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
krad(Si)	10	20	30
LL	-6.000	-6.000	-6.000
Min	-2.550	-1.940	-0.890
Average	-1.229	-0.664	0.257
Max	1.990	0.290	1.240
UL	6.000	6.000	6.000



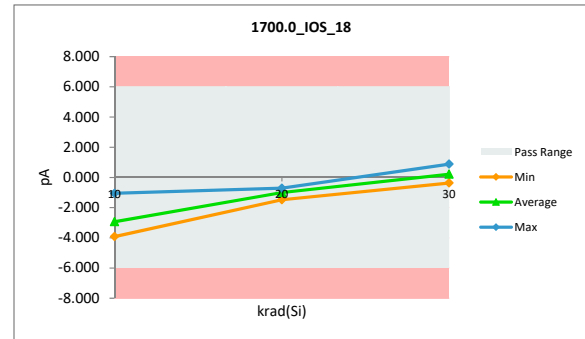
LDR TID Report  
OPA4H014-SEP

1700.0_IOS_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.840	-3.330	-2.490	296.43%	20.75%
10	2b	-0.750	-3.920	-3.170	422.67%	26.42%
10	3b	-0.840	-3.190	-2.350	279.76%	19.58%
10	4b	-0.610	-2.910	-2.300	377.05%	19.17%
10	5b	-0.570	-1.050	-0.480	84.21%	4.00%
10	6b	-0.620	-2.970	-2.350	379.03%	19.58%
10	7b	-0.590	-2.540	-1.950	330.51%	16.25%
10	8b	-0.740	-3.110	-2.370	320.27%	19.75%
10	9b	-0.600	-2.820	-2.220	370.00%	18.50%
10	10b	-0.800	-3.480	-2.680	335.00%	22.33%
20	1c	-0.840	-0.780	0.060	-7.14%	0.50%
20	2c	-0.750	-1.040	-0.290	38.67%	2.42%
20	3c	-0.840	-0.920	-0.080	9.52%	0.67%
20	4c	-0.610	-1.140	-0.530	86.89%	4.42%
20	5c	-0.570	-0.890	-0.320	56.14%	2.67%
20	6c	-0.620	-1.480	-0.860	138.71%	7.17%
20	7c	-0.590	-0.710	-0.120	20.34%	1.00%
20	8c	-0.740	-1.130	-0.390	52.70%	3.25%
20	9c	-0.600	-1.040	-0.440	73.33%	3.67%
20	10c	-0.800	-0.920	-0.120	15.00%	1.00%
30	1d	-0.840	0.880	1.720	-204.76%	14.33%
30	2d	-0.750	0.780	1.530	-204.00%	12.75%
30	3d	-0.840	0.550	1.390	-165.48%	11.58%
30	4d	-0.610	0.360	0.970	-159.02%	8.08%
30	5d	-0.570	0.100	0.670	-117.54%	5.58%
30	6d	-0.620	-0.170	0.450	-72.58%	3.75%
30	7d	-0.590	1.000	1.000	-169.49%	8.33%
30	8d	-0.740	-0.100	0.640	-86.49%	5.33%
30	9d	-0.600	-0.310	0.290	-48.33%	2.42%
30	10d	-0.800	-0.370	0.430	-53.75%	3.58%
	Max	-0.570	0.880	1.720	422.67%	26.42%
	Average	-0.696	-1.241	-0.545	79.92%	9.63%
	Min	-0.840	-3.920	-3.170	-204.76%	0.50%
	Std Dev	0.105	1.411	1.408	198.63%	7.95%



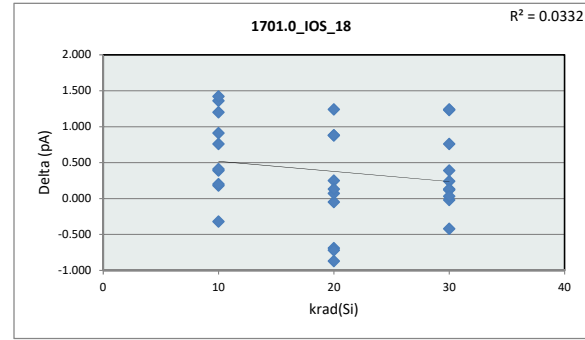
1700.0_IOS_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
krad(Si)	10	20	30
LL	-6.000	-6.000	-6.000
Min	-3.920	-1.480	-0.370
Average	-2.932	-1.005	0.213
Max	-1.050	-0.710	0.880
UL	6.000	6.000	6.000



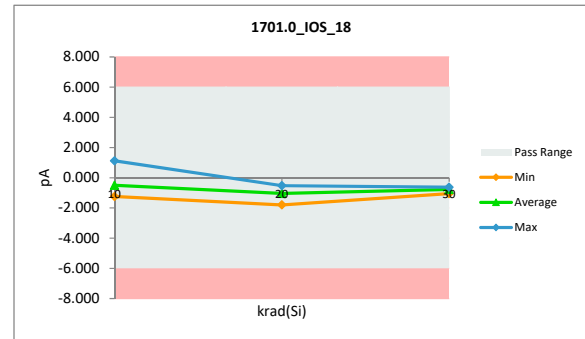
# LDR TID Report OPA4H014-SEP

1701.0_IOS_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.870	-0.110	0.760	-87.36%	6.33%
10	2b	-1.950	-0.590	1.360	-69.74%	11.33%
10	3b	-0.930	-1.250	-0.320	34.41%	2.67%
10	4b	-0.860	-0.680	0.180	-20.93%	1.50%
10	5b	-0.300	1.120	1.420	-473.33%	11.83%
10	6b	-1.400	-0.490	0.910	-65.00%	7.58%
10	7b	-0.820	-0.620	0.200	-24.39%	1.67%
10	8b	-1.080	-0.690	0.390	-36.11%	3.25%
10	9b	-1.220	-0.810	0.410	-33.61%	3.42%
10	10b	-2.100	-0.900	1.200	-57.14%	10.00%
20	1c	-0.870	-0.920	-0.050	5.75%	0.42%
20	2c	-1.950	-0.710	1.240	-63.59%	10.33%
20	3c	-0.930	-0.680	0.250	-26.88%	2.08%
20	4c	-0.860	-0.790	0.070	-8.14%	0.58%
20	5c	-0.300	-0.990	-0.690	230.00%	5.75%
20	6c	-1.400	-0.520	0.880	-62.86%	7.33%
20	7c	-0.820	-1.690	-0.870	106.10%	7.25%
20	8c	-1.080	-1.800	-0.720	66.67%	6.00%
20	9c	-1.220	-1.090	0.130	-10.66%	1.08%
20	10c	-2.100	-1.220	0.880	-41.90%	7.33%
30	1d	-0.870	-0.630	0.240	-27.59%	2.00%
30	2d	-1.950	-0.720	1.230	-63.08%	10.25%
30	3d	-0.930	-0.810	0.120	-12.90%	1.00%
30	4d	-0.860	-0.730	0.130	-15.12%	1.08%
30	5d	-0.300	-0.720	-0.420	140.00%	3.50%
30	6d	-1.400	-0.640	0.760	-54.29%	6.33%
30	7d	-0.820	-0.840	-0.020	2.44%	0.17%
30	8d	-1.080	-1.050	0.030	-2.78%	0.25%
30	9d	-1.220	-0.830	0.390	-31.97%	3.25%
30	10d	-2.100	-0.860	1.240	-59.05%	10.33%
Max		-0.300	1.120	1.420	230.00%	11.83%
Average		-1.153	-0.775	0.378	-25.43%	4.86%
Min		-2.100	-1.800	-0.870	-473.33%	0.17%
Std Dev		0.524	0.488	0.641	108.40%	3.78%



1701.0_IOS_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
krad(Si)	10	20	30
LL	-6.000	-6.000	-6.000
Min	-1.250	-1.800	-1.050
Average	-0.502	-1.041	-0.783
Max	1.120	-0.520	-0.630
UL	6.000	6.000	6.000

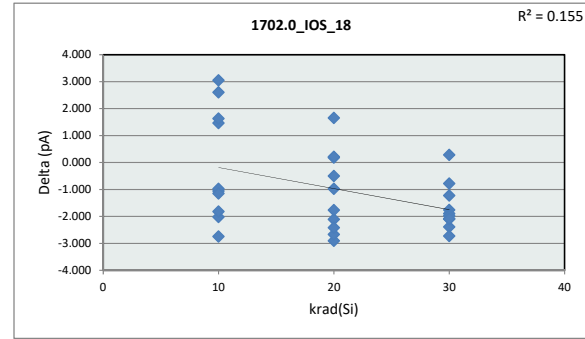




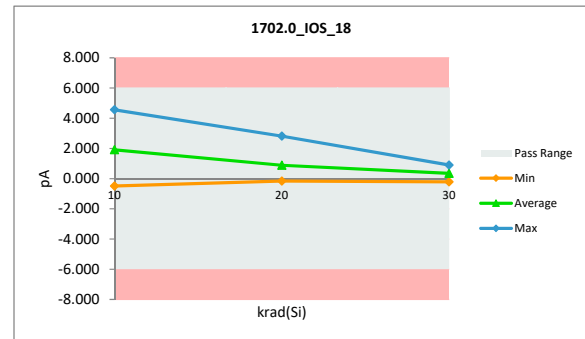
# LDR TID Report OPA4H014-SEP

1702.0_IOS_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.620	2.080	1.460	235.48%	12.17%
10	2b	2.900	1.840	-1.060	-36.55%	8.83%
10	3b	2.650	1.670	-0.980	-36.98%	8.17%
10	4b	3.100	1.080	-2.020	-65.16%	16.83%
10	5b	2.120	0.970	-1.150	-54.25%	9.58%
10	6b	1.160	4.210	3.050	262.93%	25.42%
10	7b	2.800	0.980	-1.820	-65.00%	15.17%
10	8b	2.260	-0.490	-2.750	-121.68%	22.92%
10	9b	1.960	4.560	2.600	132.65%	21.67%
10	10b	0.560	2.190	1.630	291.07%	13.58%
20	1c	0.620	0.800	0.180	29.03%	1.50%
20	2c	2.900	1.920	-0.980	-33.79%	8.17%
20	3c	2.650	0.540	-2.110	-79.62%	17.58%
20	4c	3.100	0.190	-2.910	-93.87%	24.25%
20	5c	2.120	0.350	-1.770	-83.49%	14.75%
20	6c	1.160	2.810	1.650	142.24%	13.75%
20	7c	2.800	0.130	-2.670	-95.36%	22.25%
20	8c	2.260	-0.160	-2.420	-107.08%	20.17%
20	9c	1.960	2.170	0.210	10.71%	1.75%
20	10c	0.560	0.060	-0.500	-89.29%	4.17%
30	1d	0.620	0.900	0.280	45.16%	2.33%
30	2d	2.900	0.510	-2.390	-82.41%	19.92%
30	3d	2.650	0.890	-1.760	-66.42%	14.67%
30	4d	3.100	0.370	-2.730	-88.06%	22.75%
30	5d	2.120	0.020	-2.100	-99.06%	17.50%
30	6d	1.160	-0.070	-1.230	-106.03%	10.25%
30	7d	2.800	0.900	-1.900	-67.86%	15.83%
30	8d	2.260	0.280	-1.980	-87.61%	16.50%
30	9d	1.960	-0.130	-2.090	-106.63%	17.42%
30	10d	0.560	-0.220	-0.780	-139.29%	6.50%
Max		3.100	4.560	3.050	291.07%	25.42%
Average		2.013	1.045	-0.968	-21.87%	14.21%
Min		0.560	-0.490	-2.910	-139.29%	1.50%
Std Dev		0.901	1.242	1.650	117.38%	6.88%



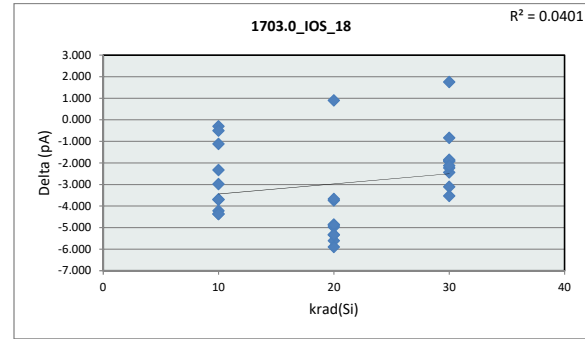
1702.0_IOS_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
krad(Si)	10	20	30
LL	-6.000	-6.000	-6.000
Min	-0.490	-0.160	-0.220
Average	1.909	0.881	0.345
Max	4.560	2.810	0.900
UL	6.000	6.000	6.000



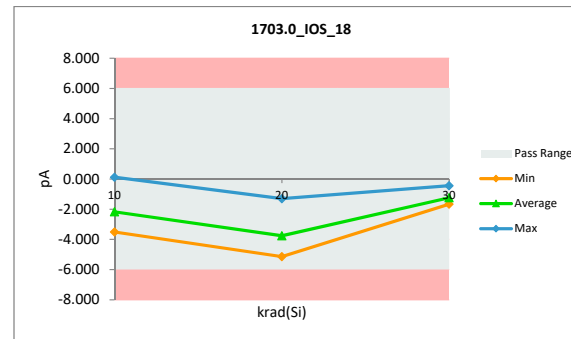
LDR TID Report  
OPA4H014-SEP

1703.0_IOS_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	pA	pA
Max Limit	6	6
Min Limit	-6	-6

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-2.200	-2.500	-0.300	13.64%	2.50%
10	2b	1.750	-2.620	-4.370	-249.71%	36.42%
10	3b	2.100	-2.120	-4.220	-200.95%	35.17%
10	4b	0.860	-2.830	-3.690	-429.07%	30.75%
10	5b	0.570	-2.410	-2.980	-522.81%	24.83%
10	6b	0.620	0.120	-0.500	-80.65%	4.17%
10	7b	1.400	-2.970	-4.370	-312.14%	36.42%
10	8b	0.190	-3.510	-3.700	-1947.37%	30.83%
10	9b	0.830	-1.500	-2.330	-280.72%	19.42%
10	10b	-0.300	-1.420	-1.120	373.33%	9.33%
20	1c	-2.200	-1.300	0.900	-40.91%	7.50%
20	2c	1.750	-3.860	-5.610	-320.57%	46.75%
20	3c	2.100	-3.800	-5.900	-280.95%	49.17%
20	4c	0.860	-4.110	-4.970	-577.91%	41.42%
20	5c	0.570	-4.290	-4.860	-852.63%	40.50%
20	6c	0.620	-3.120	-3.740	-603.23%	31.17%
20	7c	1.400	-3.480	-4.880	-348.57%	40.67%
20	8c	0.190	-5.140	-5.330	-2805.26%	44.42%
20	9c	0.830	-4.500	-5.330	-642.17%	44.42%
20	10c	-0.300	-3.970	-3.670	1223.33%	30.58%
30	1d	-2.200	-0.450	1.750	-79.55%	14.58%
30	2d	1.750	-1.360	-3.110	-177.71%	25.92%
30	3d	2.100	-1.430	-3.530	-168.10%	29.42%
30	4d	0.860	-1.580	-2.440	-283.72%	20.33%
30	5d	0.570	-1.340	-1.910	-335.09%	15.92%
30	6d	0.620	-1.610	-2.230	-359.68%	18.58%
30	7d	1.400	-0.510	-1.910	-136.43%	15.92%
30	8d	0.190	-1.660	-1.850	-973.68%	15.42%
30	9d	0.830	-1.300	-2.130	-256.63%	17.75%
30	10d	-0.300	-1.140	-0.840	280.00%	7.00%
	Max	2.100	0.120	1.750	1223.33%	49.17%
	Average	0.582	-2.390	-2.972	-379.20%	26.24%
	Min	-2.200	-5.140	-5.900	-2805.26%	2.50%
	Std Dev	1.166	1.352	1.945	678.95%	13.61%



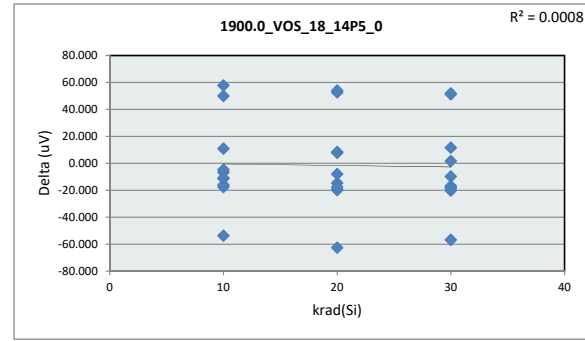
1703.0_IOS_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	6	pA	
Min Limit	-6	pA	
krad(Si)	10	20	30
LL	-6.000	-6.000	-6.000
Min	-3.510	-5.140	-1.660
Average	-2.176	-3.757	-1.238
Max	0.120	-1.300	-0.450
UL	6.000	6.000	6.000



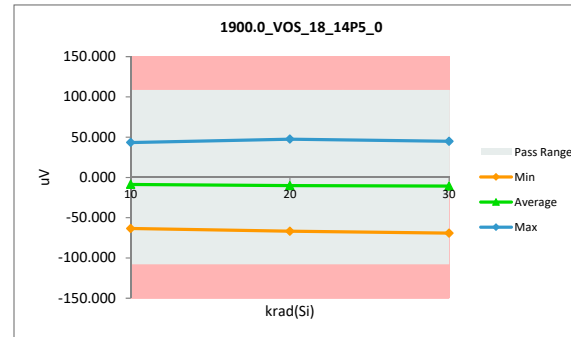
# LDR TID Report OPA4H014-SEP

1900.0_VOS_18_14P5_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	108	108
Min Limit	-108	-108

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	13.180	6.410	-6.770	-51.37%	3.13%
10	2b	13.760	24.580	10.820	78.63%	5.01%
10	3b	-30.290	27.490	57.780	-190.76%	26.75%
10	4b	7.610	-46.130	-53.740	-706.18%	24.88%
10	5b	-52.230	-63.460	-11.230	21.50%	5.20%
10	6b	-6.500	43.350	49.850	-766.92%	23.08%
10	7b	-50.490	-55.380	-4.890	9.69%	2.26%
10	8b	11.470	-6.170	-17.640	-153.79%	8.17%
10	9b	12.150	-3.960	-16.110	-132.59%	7.46%
10	10b	-2.100	-13.220	-11.120	529.52%	5.15%
20	1c	13.180	20.880	7.700	58.42%	3.56%
20	2c	13.760	22.140	8.380	60.90%	3.88%
20	3c	-30.290	22.310	52.600	-173.65%	24.35%
20	4c	7.610	-55.100	-62.710	-824.05%	29.03%
20	5c	-52.230	-66.920	-14.690	28.13%	6.80%
20	6c	-6.500	47.500	54.000	-830.77%	25.00%
20	7c	-50.490	-58.560	-8.070	15.98%	3.74%
20	8c	11.470	-8.070	-19.540	-170.36%	9.05%
20	9c	12.150	-7.720	-19.870	-163.54%	9.20%
20	10c	-2.100	-19.710	-17.610	838.57%	8.15%
30	1d	13.180	24.760	11.580	87.86%	5.36%
30	2d	13.760	15.360	1.600	11.63%	0.74%
30	3d	-30.290	21.500	51.790	-170.98%	23.98%
30	4d	7.610	-49.290	-56.900	-747.70%	26.34%
30	5d	-52.230	-69.170	-16.940	32.43%	7.84%
30	6d	-6.500	44.740	51.240	-788.31%	23.72%
30	7d	-50.490	-60.340	-9.850	19.51%	4.56%
30	8d	11.470	-8.850	-20.320	-177.16%	9.41%
30	9d	12.150	-6.510	-18.660	-153.58%	8.64%
30	10d	-2.100	-20.400	-18.300	871.43%	8.47%
	Max	13.760	47.500	57.780	871.43%	29.03%
	Average	-8.344	-9.931	-1.587	-117.92%	11.76%
	Min	-52.230	-69.170	-62.710	-830.77%	0.74%
	Std Dev	25.418	36.959	32.652	424.95%	9.27%



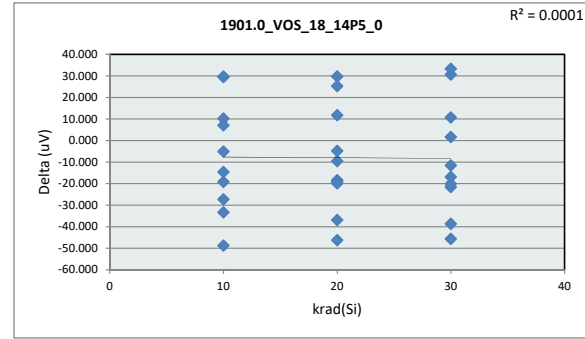
1900.0_VOS_18_14P5_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	108	uV	
Min Limit	-108	uV	
krad(Si)	10	20	30
LL	-108.000	-108.000	-108.000
Min	-63.460	-66.920	-69.170
Average	-8.649	-10.325	-10.820
Max	43.350	47.500	44.740
UL	108.000	108.000	108.000



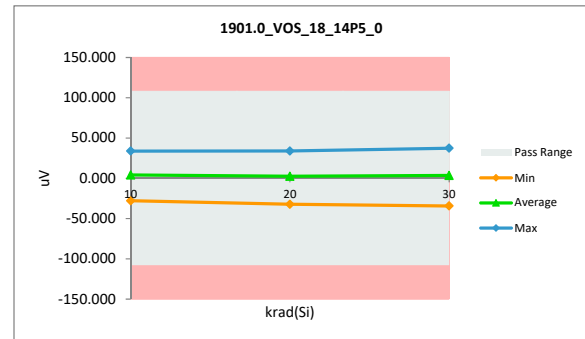
# LDR TID Report OPA4H014-SEP

1901.0_VOS_18_14P5_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	108	108
Min Limit	-108	-108

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	41.240	-7.570	-48.810	-118.36%	22.60%
10	2b	17.760	27.930	10.170	57.26%	4.71%
10	3b	19.020	-0.240	-19.260	-101.26%	8.92%
10	4b	29.510	-3.860	-33.370	-113.08%	15.45%
10	5b	-22.780	-27.900	-5.120	22.48%	2.37%
10	6b	24.250	9.660	-14.590	-60.16%	6.75%
10	7b	2.340	9.380	7.040	300.85%	3.26%
10	8b	19.390	-7.960	-27.350	-141.05%	12.66%
10	9b	-21.400	8.080	29.480	-137.76%	13.65%
10	10b	4.190	33.810	29.620	706.92%	13.71%
20	1c	41.240	-5.030	-46.270	-112.20%	21.42%
20	2c	17.760	29.510	11.750	66.16%	5.44%
20	3c	19.020	0.610	-18.410	-96.79%	8.52%
20	4c	29.510	-7.400	-36.910	-125.08%	17.09%
20	5c	-22.780	-32.380	-9.600	42.14%	4.44%
20	6c	24.250	5.220	-19.030	-78.47%	8.81%
20	7c	2.340	-2.480	-4.820	-205.98%	2.23%
20	8c	19.390	-0.470	-19.860	-102.42%	9.19%
20	9c	-21.400	3.850	25.250	-117.99%	11.69%
20	10c	4.190	33.900	29.710	709.07%	13.75%
30	1d	41.240	-4.460	-45.700	-110.81%	21.16%
30	2d	17.760	28.440	10.680	60.14%	4.94%
30	3d	19.020	-2.610	-21.630	-113.72%	10.01%
30	4d	29.510	-9.160	-38.670	-131.04%	17.90%
30	5d	-22.780	-34.370	-11.590	50.88%	5.37%
30	6d	24.250	4.160	-20.090	-82.85%	9.30%
30	7d	2.340	4.020	1.680	71.79%	0.78%
30	8d	19.390	2.480	-16.910	-87.21%	7.83%
30	9d	-21.400	9.190	30.590	-142.94%	14.16%
30	10d	4.190	37.440	33.250	793.56%	15.39%
	Max	41.240	37.440	33.250	793.56%	22.60%
	Average	11.352	3.393	-7.959	23.40%	10.45%
	Min	-22.780	-34.370	-48.810	-205.98%	0.78%
	Std Dev	20.148	18.159	25.092	262.29%	6.00%



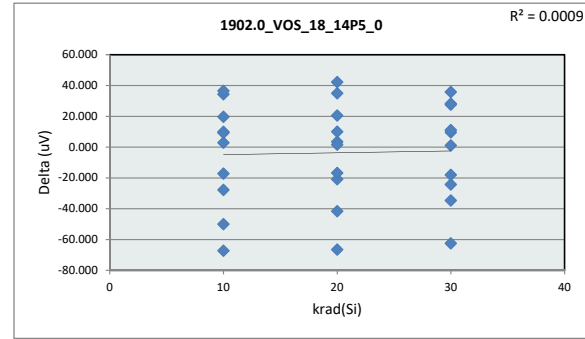
1901.0_VOS_18_14P5_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	108	uV	
Min Limit	-108	uV	
krad(Si)	10	20	30
LL	-108.000	-108.000	-108.000
Min	-27.900	-32.380	-34.370
Average	4.133	2.533	3.513
Max	33.810	33.900	37.440
UL	108.000	108.000	108.000



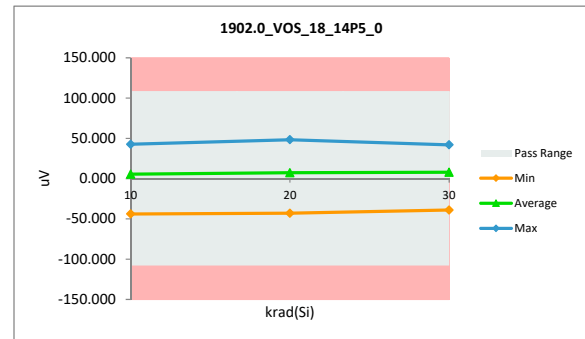
# LDR TID Report OPA4H014-SEP

1902.0_VOS_18_14P5_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	108	108
Min Limit	-108	-108

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	27.020	-0.840	-27.860	-103.11%	12.90%
10	2b	-19.810	14.460	34.270	-172.99%	15.87%
10	3b	3.440	13.310	9.870	286.92%	4.57%
10	4b	6.180	42.630	36.450	589.81%	16.88%
10	5b	-1.880	0.980	2.860	-152.13%	1.32%
10	6b	-5.010	4.250	9.260	-184.83%	4.29%
10	7b	23.520	-43.840	-67.360	-286.39%	31.19%
10	8b	37.810	-12.250	-50.060	-132.40%	23.18%
10	9b	5.920	25.550	19.630	331.59%	9.09%
10	10b	28.500	11.270	-17.230	-60.46%	7.98%
20	1c	27.020	6.140	-20.880	-77.28%	9.67%
20	2c	-19.810	15.060	34.870	-176.02%	16.14%
20	3c	3.440	6.850	3.410	99.13%	1.58%
20	4c	6.180	48.350	42.170	682.36%	19.52%
20	5c	-1.880	-0.350	1.530	-81.38%	0.71%
20	6c	-5.010	4.990	10.000	-199.60%	4.63%
20	7c	23.520	-43.090	-66.610	-283.21%	30.84%
20	8c	37.810	-3.870	-41.680	-110.24%	19.30%
20	9c	5.920	26.430	20.510	346.45%	9.50%
20	10c	28.500	11.630	-16.870	-59.19%	7.81%
30	1d	27.020	2.710	-24.310	-89.97%	11.25%
30	2d	-19.810	8.370	28.180	-142.25%	13.05%
30	3d	3.440	12.990	9.550	277.62%	4.42%
30	4d	6.180	41.940	35.760	578.64%	16.56%
30	5d	-1.880	-0.850	1.030	-54.79%	0.48%
30	6d	-5.010	6.050	11.060	-220.76%	5.12%
30	7d	23.520	-39.040	-62.560	-265.99%	28.96%
30	8d	37.810	3.120	-34.690	-91.75%	16.06%
30	9d	5.920	33.480	27.560	465.54%	12.76%
30	10d	28.500	10.450	-18.050	-63.33%	8.36%
	Max	37.810	48.350	42.170	682.36%	31.19%
	Average	10.569	6.896	-3.673	21.67%	12.13%
	Min	-19.810	-43.840	-67.360	-286.39%	0.48%
	Std Dev	17.363	21.842	32.322	281.24%	8.64%



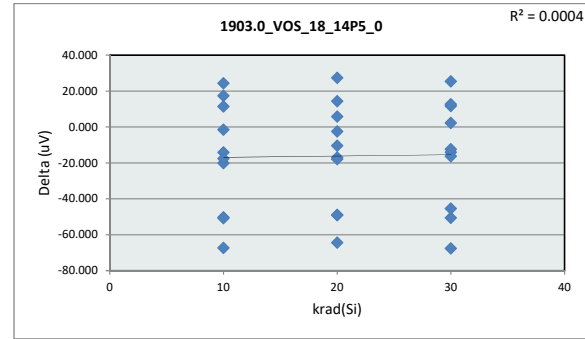
1902.0_VOS_18_14P5_0				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	108	uV		
Min Limit	-108	uV		
	krad(Si)	10	20	30
LL		-108.000	-108.000	-108.000
Min		-43.840	-43.090	-39.040
Average		5.552	7.214	7.922
Max		42.630	48.350	41.940
UL		108.000	108.000	108.000



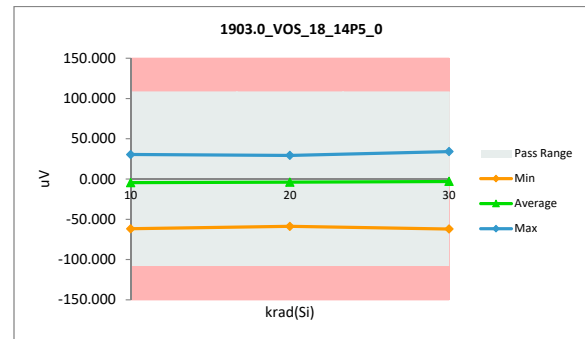
# LDR TID Report OPA4H014-SEP

1903.0_VOS_18_14P5_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	108	108
Min Limit	-108	-108

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-1.030	-15.190	-14.160	1374.76%	6.56%
10	2b	10.700	-9.380	-20.080	-187.66%	9.30%
10	3b	24.170	6.520	-17.650	-73.02%	8.17%
10	4b	-14.400	2.980	17.380	-120.69%	8.05%
10	5b	31.880	30.410	-1.470	-4.61%	0.68%
10	6b	4.290	15.700	11.410	265.97%	5.28%
10	7b	0.150	24.460	24.310	16206.67%	11.25%
10	8b	5.550	-61.770	-67.320	-1212.97%	31.17%
10	9b	17.330	-32.940	-50.270	-290.08%	23.27%
10	10b	44.950	-5.830	-50.780	-112.97%	23.51%
20	1c	-1.030	-11.460	-10.430	1012.62%	4.83%
20	2c	10.700	-6.270	-16.970	-158.60%	7.86%
20	3c	24.170	6.250	-17.920	-74.14%	8.30%
20	4c	-14.400	-8.560	5.840	-40.56%	2.70%
20	5c	31.880	29.390	-2.490	-7.81%	1.15%
20	6c	4.290	18.690	14.400	335.66%	6.67%
20	7c	0.150	27.510	27.360	18240.00%	12.67%
20	8c	5.550	-58.780	-64.330	-1159.10%	29.78%
20	9c	17.330	-31.620	-48.950	-282.46%	22.66%
20	10c	44.950	-4.070	-49.020	-109.05%	22.69%
30	1d	-1.030	-15.090	-14.060	1365.05%	6.51%
30	2d	10.700	-5.570	-16.270	-152.06%	7.53%
30	3d	24.170	11.810	-12.360	-51.14%	5.72%
30	4d	-14.400	-2.690	11.710	-81.32%	5.42%
30	5d	31.880	34.160	2.280	7.15%	1.06%
30	6d	4.290	16.950	12.660	295.10%	5.86%
30	7d	0.150	25.530	25.380	16920.00%	11.75%
30	8d	5.550	-62.040	-67.590	-1217.84%	31.29%
30	9d	17.330	-33.210	-50.540	-291.63%	23.40%
30	10d	44.950	-0.460	-45.410	-101.02%	21.02%
Max		44.950	34.160	27.360	18240.00%	31.29%
Average		12.359	-3.819	-16.178	1676.47%	12.20%
Min		-14.400	-62.040	-67.590	-1217.84%	0.68%
Std Dev		16.916	26.797	29.434	5275.43%	9.47%



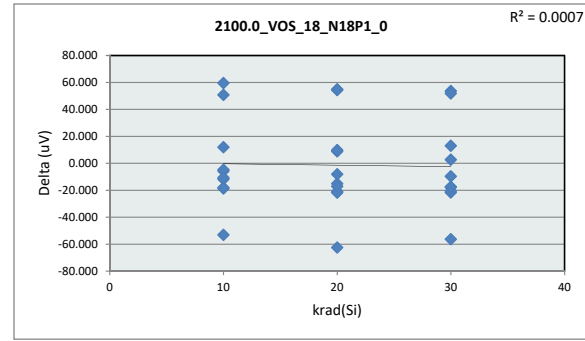
1903.0_VOS_18_14P5_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	108	uV	
Min Limit	-108	uV	
krad(Si)	10	20	30
LL	-108.000	-108.000	-108.000
Min	-61.770	-58.780	-62.040
Average	-4.504	-3.892	-3.061
Max	30.410	29.390	34.160
UL	108.000	108.000	108.000



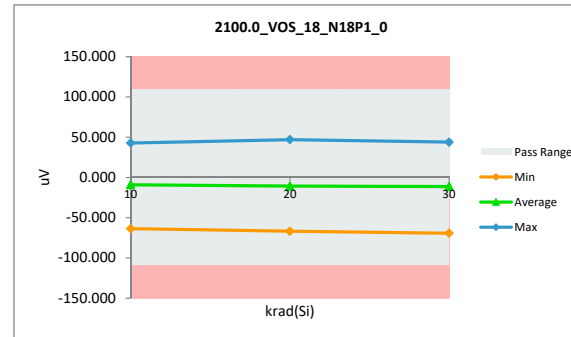
# LDR TID Report OPA4H014-SEP

2100.0_VOS_18_N18P1_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	109	109
Min Limit	-109	-109

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	13.160	7.360	-5.800	-44.07%	2.66%
10	2b	11.050	22.970	11.920	107.87%	5.47%
10	3b	-32.110	27.450	59.560	-185.49%	27.32%
10	4b	7.060	-46.160	-53.220	-753.82%	24.41%
10	5b	-51.760	-63.600	-11.840	22.87%	5.43%
10	6b	-8.010	42.730	50.740	-633.46%	23.28%
10	7b	-50.290	-55.160	-4.870	9.68%	2.23%
10	8b	12.180	-6.570	-18.750	-153.94%	8.60%
10	9b	11.040	-7.060	-18.100	-163.95%	8.30%
10	10b	-2.460	-13.180	-10.720	435.77%	4.92%
20	1c	13.160	22.040	8.880	67.48%	4.07%
20	2c	11.050	20.780	9.730	88.05%	4.46%
20	3c	-32.110	22.240	54.350	-169.26%	24.93%
20	4c	7.060	-55.470	-62.530	-885.69%	28.68%
20	5c	-51.760	-66.950	-15.190	29.35%	6.97%
20	6c	-8.010	46.930	54.940	-685.89%	25.20%
20	7c	-50.290	-58.390	-8.100	16.11%	3.72%
20	8c	12.180	-8.840	-21.020	-172.58%	9.64%
20	9c	11.040	-10.810	-21.850	-197.92%	10.02%
20	10c	-2.460	-19.670	-17.210	699.59%	7.89%
30	1d	13.160	26.100	12.940	98.33%	5.94%
30	2d	11.050	13.710	2.660	24.07%	1.22%
30	3d	-32.110	21.500	53.610	-166.96%	24.59%
30	4d	7.060	-49.270	-56.330	-797.88%	25.84%
30	5d	-51.760	-69.280	-17.520	33.85%	8.04%
30	6d	-8.010	43.770	51.780	-646.44%	23.75%
30	7d	-50.290	-59.990	-9.700	19.29%	4.45%
30	8d	12.180	-9.470	-21.650	-177.75%	9.93%
30	9d	11.040	-9.610	-20.650	-187.05%	9.47%
30	10d	-2.460	-20.270	-17.810	723.98%	8.17%
	Max	13.160	46.930	59.560	723.98%	28.68%
	Average	-9.014	-10.406	-1.392	-121.53%	11.99%
	Min	-51.760	-69.280	-62.530	-885.69%	1.22%
	Std Dev	25.146	36.779	33.277	387.55%	9.21%



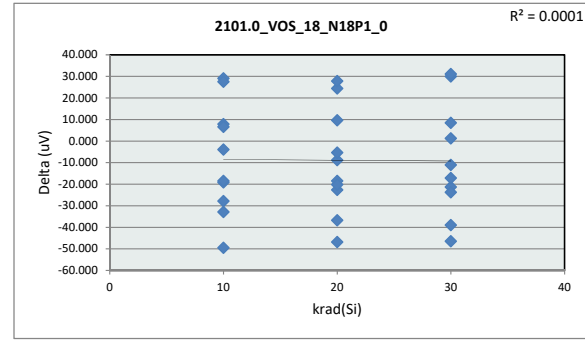
2100.0_VOS_18_N18P1_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	109	uV	
Min Limit	-109	uV	
krad(Si)	10	20	30
LL	-109.000	-109.000	-109.000
Min	-63.600	-66.950	-69.280
Average	-9.122	-10.814	-11.281
Max	42.730	46.930	43.770
UL	109.000	109.000	109.000



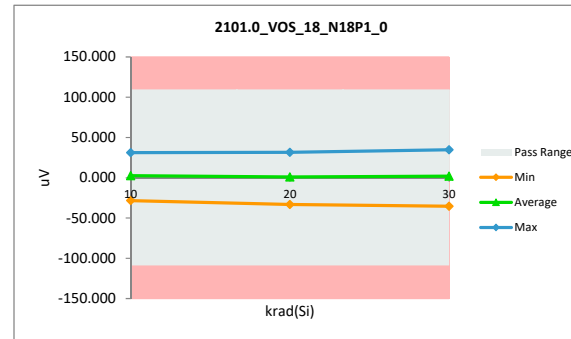
LDR TID Report  
OPA4H014-SEP

2101.0_VOS_18_N18P1_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	109	109
Min Limit	-109	-109

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	38.910	-10.650	-49.560	-127.37%	22.73%
10	2b	18.290	26.090	7.800	42.65%	3.58%
10	3b	18.160	-1.040	-19.200	-105.73%	8.81%
10	4b	27.320	-5.610	-32.930	-120.53%	15.11%
10	5b	-24.340	-28.320	-3.980	16.35%	1.83%
10	6b	25.360	6.850	-18.510	-72.99%	8.49%
10	7b	1.580	8.150	6.570	415.82%	3.01%
10	8b	20.750	-7.110	-27.860	-134.27%	12.78%
10	9b	-23.110	5.950	29.060	-125.75%	13.33%
10	10b	3.650	31.150	27.500	753.42%	12.61%
20	1c	38.910	-7.930	-46.840	-120.38%	21.49%
20	2c	18.290	27.870	9.580	52.38%	4.39%
20	3c	18.160	-0.320	-18.480	-101.76%	8.48%
20	4c	27.320	-9.450	-36.770	-134.59%	16.87%
20	5c	-24.340	-33.190	-8.850	36.36%	4.06%
20	6c	25.360	2.690	-22.670	-89.39%	10.40%
20	7c	1.580	-3.830	-5.410	-342.41%	2.48%
20	8c	20.750	0.540	-20.210	-97.40%	9.27%
20	9c	-23.110	1.300	24.410	-105.63%	11.20%
20	10c	3.650	31.430	27.780	761.10%	12.74%
30	1d	38.910	-7.610	-46.520	-119.56%	21.34%
30	2d	18.290	26.730	8.440	46.15%	3.87%
30	3d	18.160	-3.180	-21.340	-117.51%	9.79%
30	4d	27.320	-11.640	-38.960	-142.61%	17.87%
30	5d	-24.340	-35.420	-11.080	45.52%	5.08%
30	6d	25.360	1.580	-23.780	-93.77%	10.91%
30	7d	1.580	2.800	1.220	77.22%	0.56%
30	8d	20.750	3.560	-17.190	-82.84%	7.89%
30	9d	-23.110	6.830	29.940	-129.55%	13.73%
30	10d	3.650	34.710	31.060	850.96%	14.25%
	Max	38.910	34.710	31.060	850.96%	22.73%
	Average	10.657	1.764	-8.893	24.46%	10.30%
	Min	-24.340	-35.420	-49.560	-342.41%	0.56%
	Std Dev	20.355	17.806	24.780	287.27%	6.06%



2101.0_VOS_18_N18P1_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	109	uV	
Min Limit	-109	uV	
krad(Si)	10	20	30
LL	-109.000	-109.000	-109.000
Min	-28.320	-33.190	-35.420
Average	2.546	0.911	1.836
Max	31.150	31.430	34.710
UL	109.000	109.000	109.000

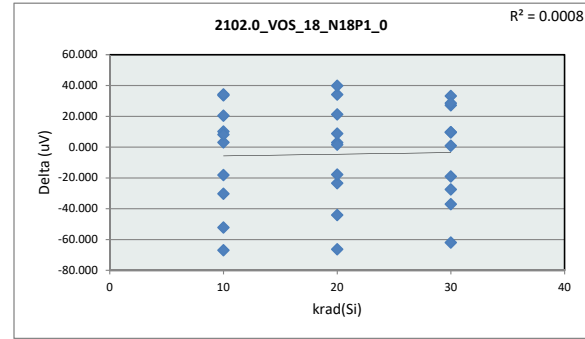




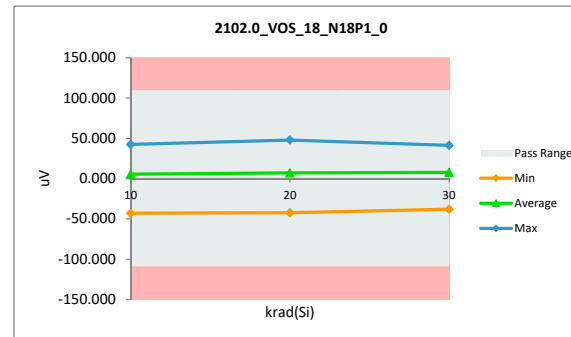
LDR TID Report  
OPA4H014-SEP

2102.0_VOS_18_N18P1_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	109	109
Min Limit	-109	-109

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	29.420	-0.870	-30.290	-102.96%	13.89%
10	2b	-19.130	14.420	33.550	-175.38%	15.39%
10	3b	4.020	14.130	10.110	251.49%	4.64%
10	4b	8.140	42.330	34.190	420.02%	15.68%
10	5b	-0.500	2.500	3.000	-600.00%	1.38%
10	6b	-3.410	4.670	8.080	-236.95%	3.71%
10	7b	24.040	-42.920	-66.960	-278.54%	30.72%
10	8b	36.910	-15.350	-52.260	-141.59%	23.97%
10	9b	4.370	24.710	20.340	465.45%	9.33%
10	10b	29.620	11.410	-18.210	-61.48%	8.35%
20	1c	29.420	5.920	-23.500	-79.88%	10.78%
20	2c	-19.130	14.920	34.050	-177.99%	15.62%
20	3c	4.020	6.960	2.940	73.13%	1.35%
20	4c	8.140	47.910	39.770	488.57%	18.24%
20	5c	-0.500	1.110	1.610	-322.00%	0.74%
20	6c	-3.410	5.320	8.730	-256.01%	4.00%
20	7c	24.040	-42.390	-66.430	-276.33%	30.47%
20	8c	36.910	-7.200	-44.110	-119.51%	20.23%
20	9c	4.370	25.610	21.240	486.04%	9.74%
20	10c	29.620	11.750	-17.870	-60.33%	8.20%
30	1d	29.420	1.900	-27.520	-93.54%	12.62%
30	2d	-19.130	8.010	27.140	-141.87%	12.45%
30	3d	4.020	13.600	9.580	238.31%	4.39%
30	4d	8.140	41.250	33.110	406.76%	15.19%
30	5d	-0.500	0.320	0.820	-164.00%	0.38%
30	6d	-3.410	6.300	9.710	-284.75%	4.45%
30	7d	24.040	-38.000	-62.040	-258.07%	28.46%
30	8d	36.910	-0.170	-37.080	-100.46%	17.01%
30	9d	4.370	32.840	28.470	651.49%	13.06%
30	10d	29.620	10.540	-19.080	-64.42%	8.75%
	Max	36.910	47.910	39.770	651.49%	30.72%
	Average	11.348	6.718	-4.630	-17.16%	12.11%
	Min	-19.130	-42.920	-66.960	-600.00%	0.38%
	Std Dev	17.245	21.651	32.372	302.44%	8.58%



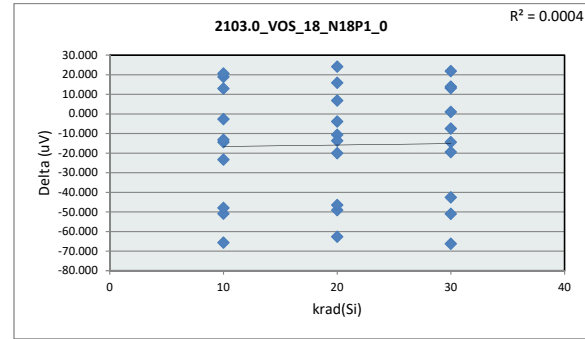
2102.0_VOS_18_N18P1_0				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	109	uV		
Min Limit	-109	uV		
	krad(Si)	10	20	30
LL		-109.000	-109.000	-109.000
Min		-42.920	-42.390	-38.000
Average		5.503	6.991	7.659
Max		42.330	47.910	41.250
UL		109.000	109.000	109.000



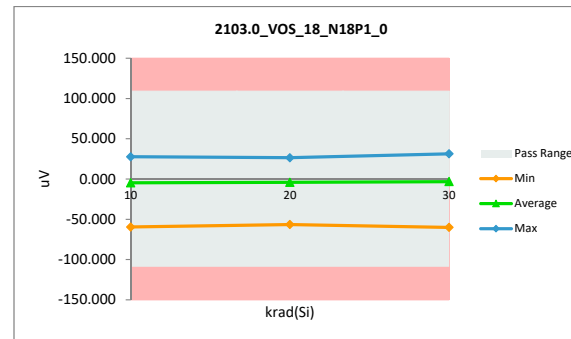
LDR TID Report  
OPA4H014-SEP

2103.0_VOS_18_N18P1_0		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	109	109
Min Limit	-109	-109

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-1.220	-15.630	-14.410	1181.15%	6.61%
10	2b	12.650	-10.640	-23.290	-184.11%	10.68%
10	3b	21.070	7.880	-13.190	-62.60%	6.05%
10	4b	-16.130	2.770	18.900	-117.17%	8.67%
10	5b	30.320	27.660	-2.660	-8.77%	1.22%
10	6b	2.140	15.090	12.950	605.14%	5.94%
10	7b	2.400	23.010	20.610	858.75%	9.45%
10	8b	6.130	-59.540	-65.670	-1071.29%	30.12%
10	9b	17.110	-33.780	-50.890	-297.43%	23.34%
10	10b	43.940	-4.040	-47.980	-109.19%	22.01%
20	1c	-1.220	-11.870	-10.650	872.95%	4.89%
20	2c	12.650	-7.390	-20.040	-158.42%	9.19%
20	3c	21.070	7.430	-13.640	-64.74%	6.26%
20	4c	-16.130	-9.290	6.840	-42.41%	3.14%
20	5c	30.320	26.480	-3.840	-12.66%	1.76%
20	6c	2.140	18.010	15.870	741.59%	7.28%
20	7c	2.400	26.500	24.100	1004.17%	11.06%
20	8c	6.130	-56.510	-62.640	-1021.86%	28.73%
20	9c	17.110	-32.000	-49.110	-287.03%	22.53%
20	10c	43.940	-2.580	-46.520	-105.87%	21.34%
30	1d	-1.220	-15.660	-14.440	1183.61%	6.62%
30	2d	12.650	-6.830	-19.480	-153.99%	8.94%
30	3d	21.070	13.640	-7.430	-35.26%	3.41%
30	4d	-16.130	-2.980	13.150	-81.53%	6.03%
30	5d	30.320	31.370	1.050	3.46%	0.48%
30	6d	2.140	16.060	13.920	650.47%	6.39%
30	7d	2.400	24.260	21.860	910.83%	10.03%
30	8d	6.130	-60.090	-66.220	-1080.26%	30.38%
30	9d	17.110	-33.880	-50.990	-298.01%	23.39%
30	10d	43.940	1.370	-42.570	-96.88%	19.53%
	Max	43.940	31.370	24.100	1183.61%	30.38%
	Average	11.841	-4.039	-15.880	90.75%	11.85%
	Min	-16.130	-60.090	-66.220	-1080.26%	0.48%
	Std Dev	16.570	25.950	28.708	615.63%	9.11%



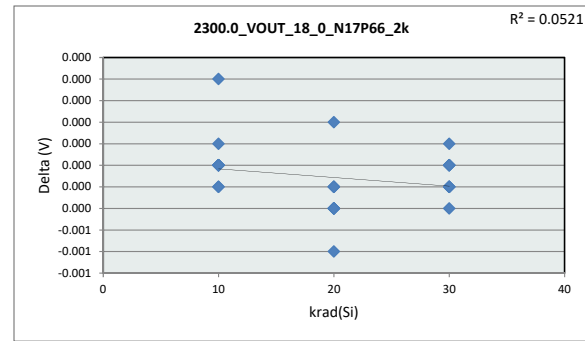
2103.0_VOS_18_N18P1_0			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	109	uV	
Min Limit	-109	uV	
	krad(Si)	10	20
LL		-109.000	-109.000
Min		-59.540	-56.510
Average		-4.722	-4.122
Max		27.660	26.500
UL		109.000	109.000



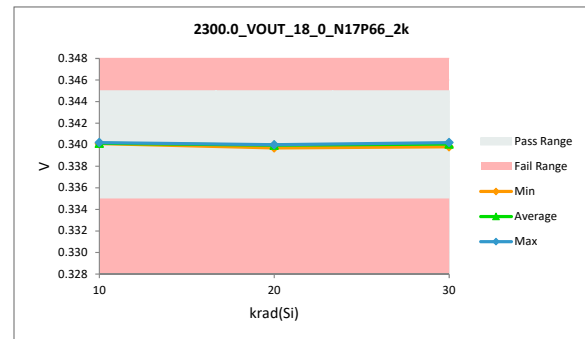
# LDR TID Report OPA4H014-SEP

2300.0_VOUT_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.340	0.340	0.000	0.06%	2.00%
10	2b	0.340	0.340	0.000	-0.03%	1.00%
10	3b	0.340	0.340	0.000	-0.06%	2.00%
10	4b	0.340	0.340	0.000	-0.06%	2.00%
10	5b	0.340	0.340	0.000	-0.06%	2.00%
10	6b	0.340	0.340	0.000	-0.06%	2.00%
10	7b	0.340	0.340	0.000	-0.09%	3.00%
10	8b	0.340	0.340	0.000	-0.06%	2.00%
10	9b	0.340	0.340	0.000	-0.09%	3.00%
10	10b	0.340	0.340	0.000	-0.06%	2.00%
20	1c	0.340	0.340	0.000	0.00%	0.00%
20	2c	0.340	0.340	0.000	-0.12%	4.00%
20	3c	0.340	0.340	0.000	-0.09%	3.00%
20	4c	0.340	0.340	-0.001	-0.18%	6.00%
20	5c	0.340	0.340	0.000	-0.09%	3.00%
20	6c	0.340	0.340	0.000	-0.09%	3.00%
20	7c	0.340	0.340	0.000	-0.12%	4.00%
20	8c	0.340	0.340	0.000	-0.12%	4.00%
20	9c	0.340	0.340	0.000	-0.12%	4.00%
20	10c	0.340	0.340	0.000	-0.12%	4.00%
30	1d	0.340	0.340	0.000	-0.06%	2.00%
30	2d	0.340	0.340	0.000	-0.12%	4.00%
30	3d	0.340	0.340	0.000	-0.09%	3.00%
30	4d	0.340	0.340	0.000	-0.09%	3.00%
30	5d	0.340	0.340	0.000	-0.06%	2.00%
30	6d	0.340	0.340	0.000	-0.06%	2.00%
30	7d	0.340	0.340	0.000	-0.09%	3.00%
30	8d	0.340	0.340	0.000	-0.06%	2.00%
30	9d	0.340	0.340	0.000	-0.09%	3.00%
30	10d	0.340	0.340	0.000	-0.03%	1.00%
	Max	0.340	0.340	0.000	0.06%	6.00%
	Average	0.340	0.340	0.000	-0.08%	2.70%
	Min	0.340	0.340	-0.001	-0.18%	0.00%
	Std Dev	0.000	0.000	0.000	0.04%	1.18%



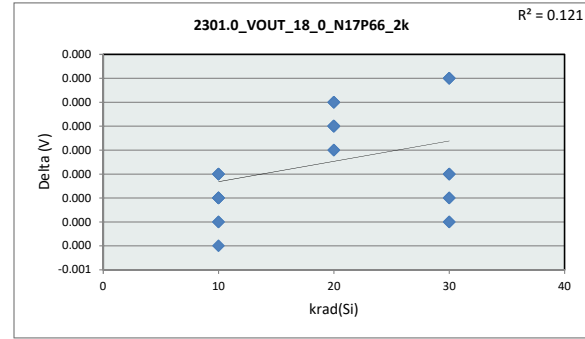
2300.0_VOUT_18_0_N17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.345	V	
Min Limit	0.335	V	
	krad(Si)	10	20
LL		0.335	0.335
Min		0.340	0.340
Average		0.340	0.340
Max		0.340	0.340
UL		0.345	0.345



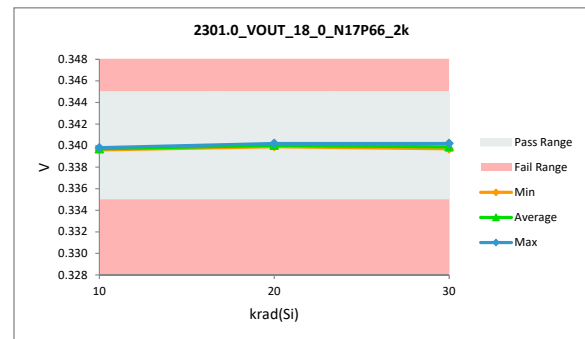
# LDR TID Report OPA4H014-SEP

2301.0_VOUT_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.340	0.340	0.000	-0.12%	4.00%
10	2b	0.340	0.340	0.000	-0.03%	1.00%
10	3b	0.340	0.340	0.000	-0.06%	2.00%
10	4b	0.340	0.340	0.000	-0.09%	3.00%
10	5b	0.340	0.340	0.000	-0.06%	2.00%
10	6b	0.340	0.340	0.000	-0.06%	2.00%
10	7b	0.340	0.340	0.000	-0.09%	3.00%
10	8b	0.340	0.340	0.000	-0.03%	1.00%
10	9b	0.340	0.340	0.000	-0.06%	2.00%
10	10b	0.340	0.340	0.000	-0.03%	1.00%
20	1c	0.340	0.340	0.000	0.00%	0.00%
20	2c	0.340	0.340	0.000	0.03%	1.00%
20	3c	0.340	0.340	0.000	0.03%	1.00%
20	4c	0.340	0.340	0.000	0.06%	2.00%
20	5c	0.340	0.340	0.000	0.06%	2.00%
20	6c	0.340	0.340	0.000	0.03%	1.00%
20	7c	0.340	0.340	0.000	0.00%	0.00%
20	8c	0.340	0.340	0.000	0.06%	2.00%
20	9c	0.340	0.340	0.000	0.03%	1.00%
20	10c	0.340	0.340	0.000	0.03%	1.00%
30	1d	0.340	0.340	0.000	-0.09%	3.00%
30	2d	0.340	0.340	0.000	0.09%	3.00%
30	3d	0.340	0.340	0.000	0.09%	3.00%
30	4d	0.340	0.340	0.000	0.09%	3.00%
30	5d	0.340	0.340	0.000	-0.03%	1.00%
30	6d	0.340	0.340	0.000	-0.06%	2.00%
30	7d	0.340	0.340	0.000	-0.09%	3.00%
30	8d	0.340	0.340	0.000	-0.06%	2.00%
30	9d	0.340	0.340	0.000	-0.03%	1.00%
30	10d	0.340	0.340	0.000	-0.03%	1.00%
	Max	0.340	0.340	0.000	0.09%	4.00%
	Average	0.340	0.340	0.000	-0.01%	1.80%
	Min	0.340	0.340	0.000	-0.12%	0.00%
	Std Dev	0.000	0.000	0.000	0.06%	1.00%



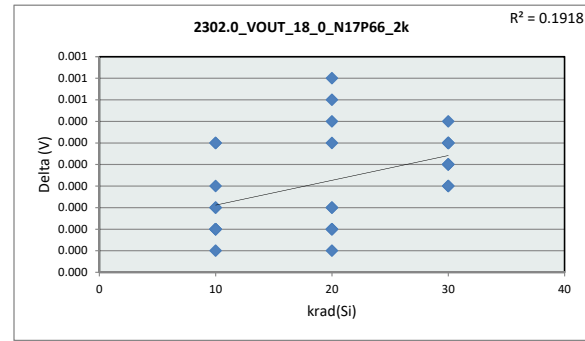
2301.0_VOUT_18_0_N17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.345	V	
Min Limit	0.335	V	
krad(Si)	10	20	30
LL	0.335	0.335	0.335
Min	0.340	0.340	0.340
Average	0.340	0.340	0.340
Max	0.340	0.340	0.340
UL	0.345	0.345	0.345



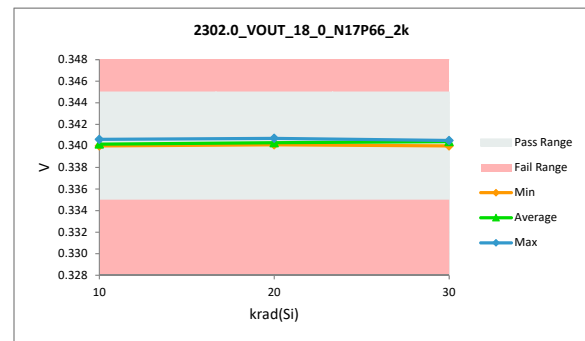
# LDR TID Report OPA4H014-SEP

2302.0_VOUT_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.340	0.340	0.000	0.09%	3.00%
10	2b	0.340	0.340	0.000	0.03%	1.00%
10	3b	0.340	0.340	0.000	-0.03%	1.00%
10	4b	0.340	0.340	0.000	-0.03%	1.00%
10	5b	0.340	0.340	0.000	-0.03%	1.00%
10	6b	0.340	0.341	0.000	0.09%	3.00%
10	7b	0.340	0.340	0.000	-0.03%	1.00%
10	8b	0.340	0.340	0.000	0.00%	0.00%
10	9b	0.340	0.340	0.000	-0.06%	2.00%
10	10b	0.340	0.340	0.000	0.00%	0.00%
20	1c	0.340	0.340	0.000	0.09%	3.00%
20	2c	0.340	0.340	0.000	0.12%	4.00%
20	3c	0.340	0.340	0.000	0.00%	0.00%
20	4c	0.340	0.340	0.000	0.00%	0.00%
20	5c	0.340	0.340	0.000	-0.03%	1.00%
20	6c	0.340	0.340	0.000	-0.06%	2.00%
20	7c	0.340	0.340	0.000	-0.03%	1.00%
20	8c	0.340	0.340	0.000	-0.03%	1.00%
20	9c	0.340	0.341	0.000	0.15%	5.00%
20	10c	0.340	0.341	0.001	0.18%	6.00%
30	1d	0.340	0.340	0.000	0.03%	1.00%
30	2d	0.340	0.340	0.000	0.09%	3.00%
30	3d	0.340	0.340	0.000	0.06%	2.00%
30	4d	0.340	0.340	0.000	0.06%	2.00%
30	5d	0.340	0.340	0.000	0.09%	3.00%
30	6d	0.340	0.340	0.000	0.03%	1.00%
30	7d	0.340	0.340	0.000	0.09%	3.00%
30	8d	0.340	0.340	0.000	0.09%	3.00%
30	9d	0.340	0.340	0.000	0.06%	2.00%
30	10d	0.340	0.340	0.000	0.12%	4.00%
	Max	0.340	0.341	0.001	0.18%	6.00%
	Average	0.340	0.340	0.000	0.04%	2.00%
	Min	0.340	0.340	0.000	-0.06%	0.00%
	Std Dev	0.000	0.000	0.000	0.06%	1.51%



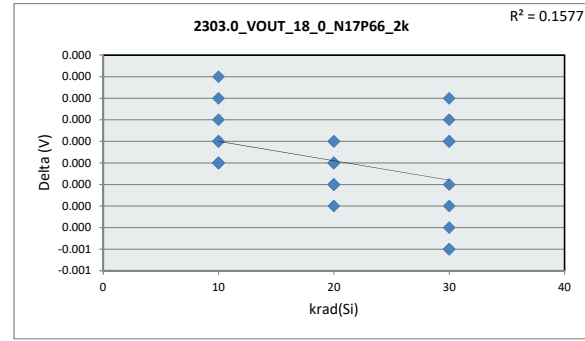
2302.0_VOUT_18_0_N17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.345	V	
Min Limit	0.335	V	
krad(Si)	10	20	30
LL	0.335	0.335	0.335
Min	0.340	0.340	0.340
Average	0.340	0.340	0.340
Max	0.341	0.341	0.341
UL	0.345	0.345	0.345



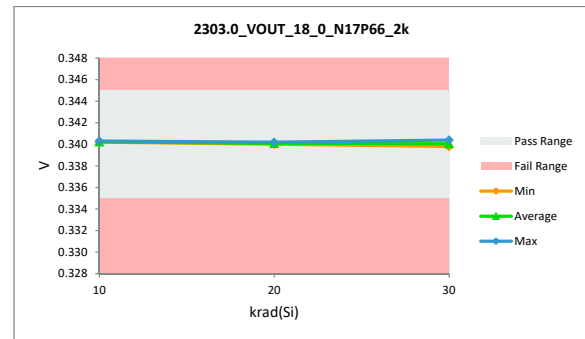
LDR TID Report  
OPA4H014-SEP

2303.0_VOUT_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.345	0.345
Min Limit	0.335	0.335

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.340	0.340	0.000	0.09%	3.00%
10	2b	0.340	0.340	0.000	0.06%	2.00%
10	3b	0.340	0.340	0.000	0.00%	0.00%
10	4b	0.340	0.340	0.000	-0.03%	1.00%
10	5b	0.340	0.340	0.000	0.00%	0.00%
10	6b	0.340	0.340	0.000	-0.03%	1.00%
10	7b	0.340	0.340	0.000	-0.03%	1.00%
10	8b	0.340	0.340	0.000	0.03%	1.00%
10	9b	0.340	0.340	0.000	-0.03%	1.00%
10	10b	0.340	0.340	0.000	0.00%	0.00%
20	1c	0.340	0.340	0.000	0.00%	0.00%
20	2c	0.340	0.340	0.000	-0.03%	1.00%
20	3c	0.340	0.340	0.000	-0.03%	1.00%
20	4c	0.340	0.340	0.000	-0.03%	1.00%
20	5c	0.340	0.340	0.000	0.00%	0.00%
20	6c	0.340	0.340	0.000	-0.06%	2.00%
20	7c	0.340	0.340	0.000	-0.06%	2.00%
20	8c	0.340	0.340	0.000	-0.03%	1.00%
20	9c	0.340	0.340	0.000	-0.09%	3.00%
20	10c	0.340	0.340	0.000	-0.06%	2.00%
30	1d	0.340	0.340	0.000	0.00%	0.00%
30	2d	0.340	0.340	0.000	0.03%	1.00%
30	3d	0.340	0.340	0.000	0.00%	0.00%
30	4d	0.340	0.340	0.000	0.00%	0.00%
30	5d	0.340	0.340	0.000	0.06%	2.00%
30	6d	0.340	0.340	0.000	-0.15%	5.00%
30	7d	0.340	0.340	0.000	-0.12%	4.00%
30	8d	0.340	0.340	0.000	-0.09%	3.00%
30	9d	0.340	0.340	0.000	-0.15%	5.00%
30	10d	0.340	0.340	0.000	-0.06%	2.00%
	Max	0.340	0.340	0.000	0.09%	5.00%
	Average	0.340	0.340	0.000	-0.03%	1.50%
	Min	0.340	0.340	0.000	-0.15%	0.00%
	Std Dev	0.000	0.000	0.000	0.06%	1.43%



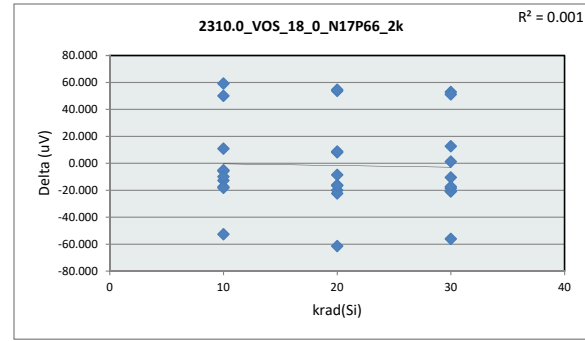
2303.0_VOUT_18_0_N17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.345	V	
Min Limit	0.335	V	
krad(Si)	10	20	30
LL	0.335	0.335	0.335
Min	0.340	0.340	0.340
Average	0.340	0.340	0.340
Max	0.340	0.340	0.340
UL	0.345	0.345	0.345



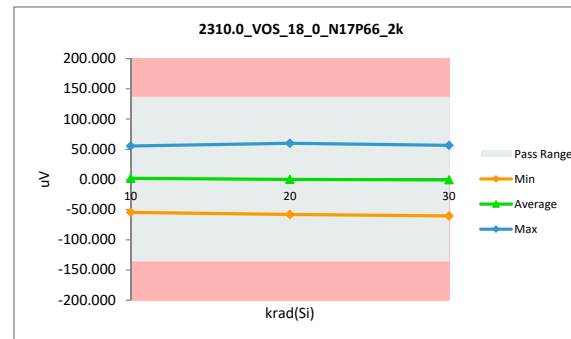
LDR TID Report  
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2310.0_VOS_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	23.370	17.590	-5.780	-24.73%	2.13%
10	2b	22.990	33.870	10.880	47.32%	4.00%
10	3b	-21.620	37.520	59.140	-273.54%	21.74%
10	4b	17.540	-35.150	-52.690	-300.40%	19.37%
10	5b	-41.760	-54.550	-12.790	30.63%	4.70%
10	6b	5.210	55.250	50.040	960.46%	18.40%
10	7b	-39.680	-44.820	-5.140	12.95%	1.89%
10	8b	22.510	4.980	-17.530	-77.88%	6.44%
10	9b	22.810	4.560	-18.250	-80.01%	6.71%
10	10b	7.990	-1.920	-9.910	-124.03%	3.64%
20	1c	23.370	31.460	8.090	34.62%	2.97%
20	2c	22.990	31.650	8.660	37.67%	3.18%
20	3c	-21.620	32.060	53.680	-248.29%	19.74%
20	4c	17.540	-43.960	-61.500	-350.63%	22.61%
20	5c	-41.760	-58.040	-16.280	38.98%	5.99%
20	6c	5.210	59.790	54.580	1047.60%	20.07%
20	7c	-39.680	-48.260	-8.580	21.62%	3.15%
20	8c	22.510	2.420	-20.090	-89.25%	7.39%
20	9c	22.810	0.380	-22.430	-98.33%	8.25%
20	10c	7.990	-8.620	-16.610	-207.88%	6.11%
30	1d	23.370	36.020	12.650	54.13%	4.65%
30	2d	22.990	24.250	1.260	5.48%	0.46%
30	3d	-21.620	31.230	52.850	-244.45%	19.43%
30	4d	17.540	-38.640	-56.180	-320.30%	20.65%
30	5d	-41.760	-60.420	-18.660	44.68%	6.86%
30	6d	5.210	56.260	51.050	979.85%	18.77%
30	7d	-39.680	-50.230	-10.550	26.59%	3.88%
30	8d	22.510	1.630	-20.880	-92.76%	7.68%
30	9d	22.810	2.040	-20.770	-91.06%	7.64%
30	10d	7.990	-9.460	-17.450	-218.40%	6.42%
	Max	23.370	59.790	59.140	1047.60%	22.61%
	Average	1.936	0.296	-1.640	16.69%	9.50%
	Min	-41.760	-60.420	-61.500	-350.63%	0.46%
	Std Dev	25.425	37.268	32.921	354.83%	7.32%



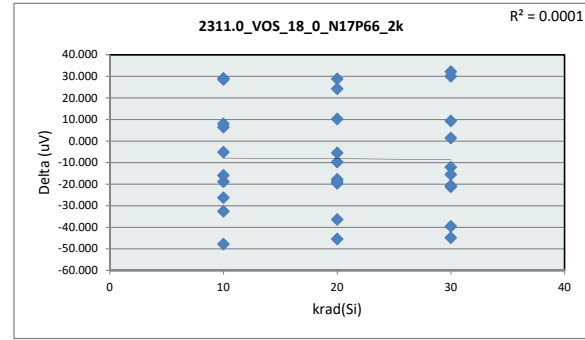
2310.0_VOS_18_0_N17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	136	uV	
Min Limit	-136	uV	
krad(Si)	10	20	30
LL	-136.000	-136.000	-136.000
Min	-54.550	-58.040	-60.420
Average	1.733	-0.112	-0.732
Max	55.250	59.790	56.260
UL	136.000	136.000	136.000



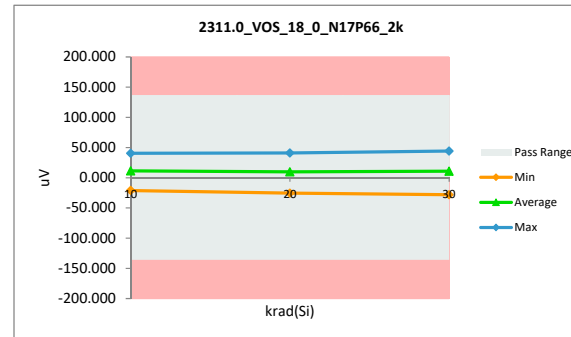
LDR TID Report  
OPA4H014-SEP

2311.0_VOS_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	46.670	-1.140	-47.810	-102.44%	17.58%
10	2b	26.340	34.330	7.990	30.33%	2.94%
10	3b	26.030	7.120	-18.910	-72.65%	6.95%
10	4b	36.090	3.500	-32.590	-90.30%	11.98%
10	5b	-15.940	-21.130	-5.190	32.56%	1.91%
10	6b	33.210	17.290	-15.920	-47.94%	5.85%
10	7b	10.140	16.540	6.400	63.12%	2.35%
10	8b	27.600	1.280	-26.320	-95.36%	9.68%
10	9b	-14.480	14.570	29.050	-200.62%	10.68%
10	10b	11.990	40.510	28.520	237.86%	10.49%
20	1c	46.670	1.200	-45.470	-97.43%	16.72%
20	2c	26.340	36.560	10.220	38.80%	3.76%
20	3c	26.030	8.240	-17.790	-68.34%	6.54%
20	4c	36.090	-0.310	-36.400	-100.86%	13.38%
20	5c	-15.940	-25.680	-9.740	61.10%	3.58%
20	6c	33.210	13.600	-19.610	-59.05%	7.21%
20	7c	10.140	4.590	-5.550	-54.73%	2.04%
20	8c	27.600	8.810	-18.790	-68.08%	6.91%
20	9c	-14.480	9.760	24.240	-167.40%	8.91%
20	10c	11.990	40.850	28.860	240.70%	10.61%
30	1d	46.670	1.820	-44.850	-96.10%	16.49%
30	2d	26.340	35.660	9.320	35.38%	3.43%
30	3d	26.030	4.770	-21.260	-81.67%	7.82%
30	4d	36.090	-3.480	-39.570	-109.64%	14.55%
30	5d	-15.940	-28.100	-12.160	76.29%	4.47%
30	6d	33.210	12.550	-20.660	-62.21%	7.60%
30	7d	10.140	11.480	1.340	13.21%	0.49%
30	8d	27.600	12.080	-15.520	-56.23%	5.71%
30	9d	-14.480	15.570	30.050	-207.53%	11.05%
30	10d	11.990	44.150	32.160	268.22%	11.82%
	Max	46.670	44.150	32.160	268.22%	17.58%
	Average	18.765	10.566	-8.199	-24.70%	8.12%
	Min	-15.940	-28.100	-47.810	-207.53%	0.49%
	Std Dev	20.101	18.201	24.489	117.98%	4.72%



2311.0_VOS_18_0_N17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	136	uV	
Min Limit	-136	uV	
	10	20	30
LL	-136.000	-136.000	-136.000
Min	-21.130	-25.680	-28.100
Average	11.287	9.762	10.650
Max	40.510	40.850	44.150
UL	136.000	136.000	136.000

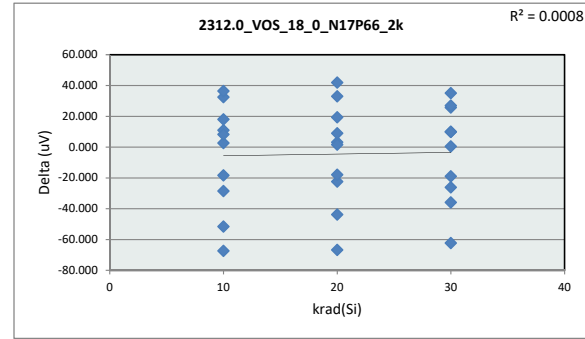




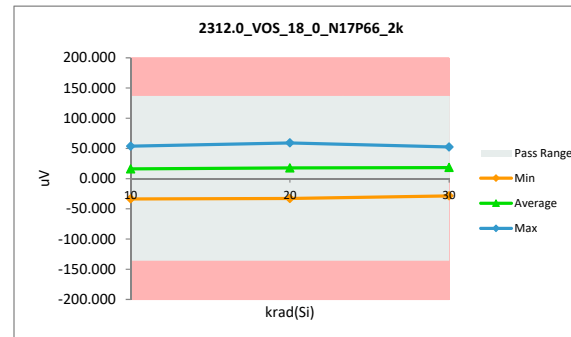
# LDR TID Report OPA4H014-SEP

2312.0_VOS_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	38.970	10.430	-28.540	-73.24%	10.49%
10	2b	-8.310	24.130	32.440	-390.37%	11.93%
10	3b	13.410	24.320	10.910	81.36%	4.01%
10	4b	17.310	53.730	36.420	210.40%	13.39%
10	5b	9.670	12.280	2.610	26.99%	0.96%
10	6b	8.600	16.850	8.250	95.93%	3.03%
10	7b	33.780	-33.630	-67.410	-199.56%	24.78%
10	8b	48.610	-2.980	-51.590	-106.13%	18.97%
10	9b	16.310	34.250	17.940	109.99%	6.60%
10	10b	40.210	21.860	-18.350	-45.64%	6.75%
20	1c	38.970	16.540	-22.430	-57.56%	8.25%
20	2c	-8.310	24.660	32.970	-396.75%	12.12%
20	3c	13.410	16.570	3.160	23.56%	1.16%
20	4c	17.310	59.180	41.870	241.88%	15.39%
20	5c	9.670	11.240	1.570	16.24%	0.58%
20	6c	8.600	17.540	8.940	103.95%	3.29%
20	7c	33.780	-32.990	-66.770	-197.66%	24.55%
20	8c	48.610	4.810	-43.800	-90.10%	16.10%
20	9c	16.310	35.680	19.370	118.76%	7.12%
20	10c	40.210	22.280	-17.930	-44.59%	6.59%
30	1d	38.970	12.800	-26.170	-67.15%	9.62%
30	2d	-8.310	17.350	25.660	-308.78%	9.43%
30	3d	13.410	23.300	9.890	73.75%	3.64%
30	4d	17.310	52.360	35.050	202.48%	12.89%
30	5d	9.670	10.140	0.470	4.86%	0.17%
30	6d	8.600	18.440	9.840	114.42%	3.62%
30	7d	33.780	-28.550	-62.330	-184.52%	22.92%
30	8d	48.610	12.690	-35.920	-73.89%	13.21%
30	9d	16.310	43.250	26.940	165.17%	9.90%
30	10d	40.210	21.210	-19.000	-47.25%	6.99%
	Max	48.610	59.180	41.870	241.88%	24.78%
	Average	21.856	17.325	-4.531	-23.11%	9.61%
	Min	-8.310	-33.630	-67.410	-396.75%	0.17%
	Std Dev	17.155	21.856	32.256	165.09%	6.92%



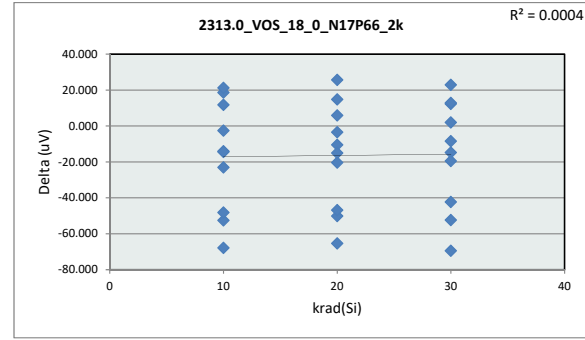
2312.0_VOS_18_0_N17P66_2k				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	136	uV		
Min Limit	-136	uV		
	krad(Si)	10	20	30
LL		-136.000	-136.000	-136.000
Min		-33.630	-32.990	-28.550
Average		16.124	17.551	18.299
Max		53.730	59.180	52.360
UL		136.000	136.000	136.000



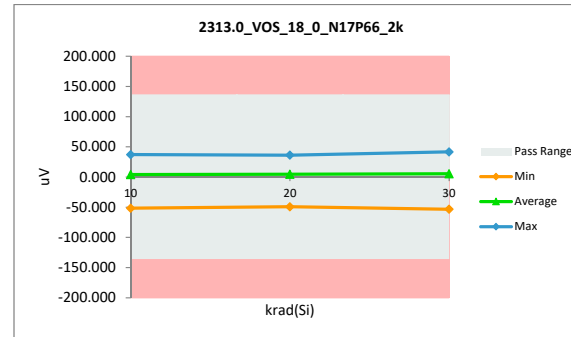
LDR TID Report  
OPA4H014-SEP

2313.0_VOS_18_0_N17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	7.000	-7.010	-14.010	-200.14%	5.15%
10	2b	20.310	-2.730	-23.040	-113.44%	8.47%
10	3b	30.310	15.900	-14.410	-47.54%	5.30%
10	4b	-5.720	12.890	18.610	-325.35%	6.84%
10	5b	39.720	37.200	-2.520	-6.34%	0.93%
10	6b	13.750	25.510	11.760	85.53%	4.32%
10	7b	9.990	31.240	21.250	212.71%	7.81%
10	8b	16.130	-51.670	-67.800	-420.33%	24.93%
10	9b	26.270	-26.230	-52.500	-199.85%	19.30%
10	10b	52.860	4.700	-48.160	-91.11%	17.71%
20	1c	7.000	-3.530	-10.530	-150.43%	3.87%
20	2c	20.310	-0.030	-20.340	-100.15%	7.48%
20	3c	30.310	15.300	-15.010	-49.52%	5.52%
20	4c	-5.720	0.170	5.890	-102.97%	2.17%
20	5c	39.720	36.270	-3.450	-8.69%	1.27%
20	6c	13.750	28.580	14.830	107.85%	5.45%
20	7c	9.990	35.660	25.670	256.96%	9.44%
20	8c	16.130	-49.210	-65.340	-405.08%	24.02%
20	9c	26.270	-23.890	-50.160	-190.94%	18.44%
20	10c	52.860	6.050	-46.810	-88.55%	17.21%
30	1d	7.000	-7.730	-14.730	-210.43%	5.42%
30	2d	20.310	0.850	-19.460	-95.81%	7.15%
30	3d	30.310	21.880	-8.430	-27.81%	3.10%
30	4d	-5.720	6.630	12.350	-215.91%	4.54%
30	5d	39.720	41.680	1.960	4.93%	0.72%
30	6d	13.750	26.610	12.860	93.53%	4.73%
30	7d	9.990	32.940	22.950	229.73%	8.44%
30	8d	16.130	-53.320	-69.450	-430.56%	25.53%
30	9d	26.270	-26.100	-52.370	-199.35%	19.25%
30	10d	52.860	10.570	-42.290	-80.00%	15.55%
	Max	52.860	41.680	25.670	256.96%	25.53%
	Average	21.062	4.639	-16.423	-92.30%	9.67%
	Min	-5.720	-53.320	-69.450	-430.56%	0.72%
	Std Dev	16.362	26.684	29.349	177.02%	7.58%



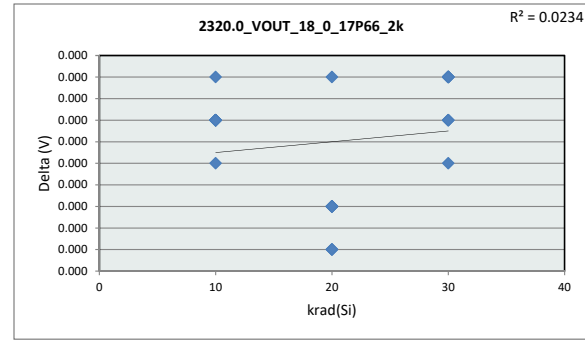
2313.0_VOS_18_0_N17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	136	uV	
Min Limit	-136	uV	
krad(Si)	10	20	30
LL	-136.000	-136.000	-136.000
Min	-51.670	-49.210	-53.320
Average	3.980	4.537	5.401
Max	37.200	36.270	41.680
UL	136.000	136.000	136.000



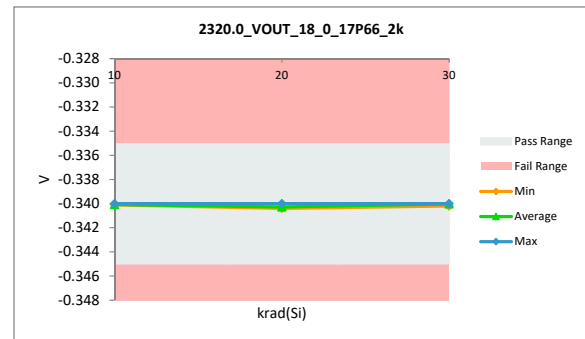
# LDR TID Report OPA4H014-SEP

2320.0_VOUT_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.340	-0.340	0.000	-0.06%	2.00%
10	2b	-0.340	-0.340	0.000	-0.06%	2.00%
10	3b	-0.340	-0.340	0.000	-0.09%	3.00%
10	4b	-0.340	-0.340	0.000	-0.06%	2.00%
10	5b	-0.340	-0.340	0.000	-0.06%	2.00%
10	6b	-0.340	-0.340	0.000	-0.06%	2.00%
10	7b	-0.340	-0.340	0.000	-0.06%	2.00%
10	8b	-0.340	-0.340	0.000	-0.06%	2.00%
10	9b	-0.340	-0.340	0.000	-0.03%	1.00%
10	10b	-0.340	-0.340	0.000	-0.06%	2.00%
20	1c	-0.340	-0.340	0.000	-0.09%	3.00%
20	2c	-0.340	-0.340	0.000	0.00%	0.00%
20	3c	-0.340	-0.340	0.000	0.00%	0.00%
20	4c	-0.340	-0.340	0.000	0.00%	0.00%
20	5c	-0.340	-0.340	0.000	0.00%	0.00%
20	6c	-0.340	-0.340	0.000	0.00%	0.00%
20	7c	-0.340	-0.340	0.000	0.03%	1.00%
20	8c	-0.340	-0.340	0.000	0.03%	1.00%
20	9c	-0.340	-0.340	0.000	0.03%	1.00%
20	10c	-0.340	-0.340	0.000	0.00%	0.00%
30	1d	-0.340	-0.340	0.000	-0.03%	1.00%
30	2d	-0.340	-0.340	0.000	-0.09%	3.00%
30	3d	-0.340	-0.340	0.000	-0.09%	3.00%
30	4d	-0.340	-0.340	0.000	-0.09%	3.00%
30	5d	-0.340	-0.340	0.000	-0.09%	3.00%
30	6d	-0.340	-0.340	0.000	-0.09%	3.00%
30	7d	-0.340	-0.340	0.000	-0.06%	2.00%
30	8d	-0.340	-0.340	0.000	-0.09%	3.00%
30	9d	-0.340	-0.340	0.000	-0.06%	2.00%
30	10d	-0.340	-0.340	0.000	-0.06%	2.00%
	Max	-0.340	-0.340	0.000	0.03%	3.00%
	Average	-0.340	-0.340	0.000	-0.04%	1.70%
	Min	-0.340	-0.340	0.000	-0.09%	0.00%
	Std Dev	0.000	0.000	0.000	0.04%	1.09%



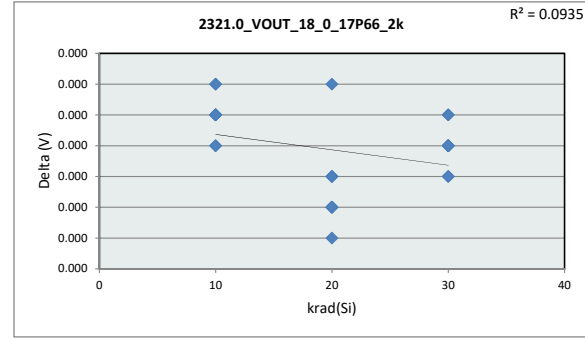
2320.0_VOUT_18_0_17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.335	V	
Min Limit	-0.345	V	
krad(Si)	10	20	30
LL	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335



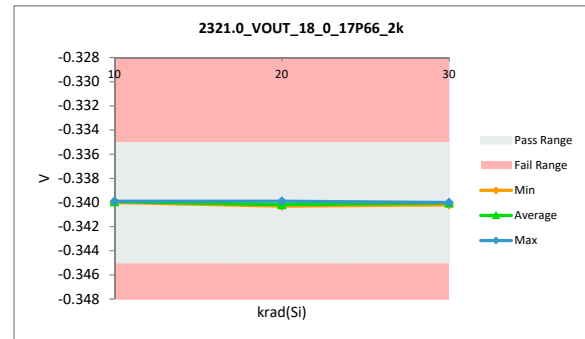
LDR TID Report  
OPA4H014-SEP

2321.0_VOUT_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.340	-0.340	0.000	-0.09%	3.00%
10	2b	-0.340	-0.340	0.000	-0.06%	2.00%
10	3b	-0.340	-0.340	0.000	-0.06%	2.00%
10	4b	-0.340	-0.340	0.000	-0.06%	2.00%
10	5b	-0.340	-0.340	0.000	-0.03%	1.00%
10	6b	-0.340	-0.340	0.000	-0.09%	3.00%
10	7b	-0.340	-0.340	0.000	-0.06%	2.00%
10	8b	-0.340	-0.340	0.000	-0.06%	2.00%
10	9b	-0.340	-0.340	0.000	-0.06%	2.00%
10	10b	-0.340	-0.340	0.000	-0.03%	1.00%
20	1c	-0.340	-0.340	0.000	-0.09%	3.00%
20	2c	-0.340	-0.340	0.000	0.00%	0.00%
20	3c	-0.340	-0.340	0.000	0.06%	2.00%
20	4c	-0.340	-0.340	0.000	0.03%	1.00%
20	5c	-0.340	-0.340	0.000	0.03%	1.00%
20	6c	-0.340	-0.340	0.000	0.00%	0.00%
20	7c	-0.340	-0.340	0.000	0.03%	1.00%
20	8c	-0.340	-0.340	0.000	0.00%	0.00%
20	9c	-0.340	-0.340	0.000	0.03%	1.00%
20	10c	-0.340	-0.340	0.000	0.03%	1.00%
30	1d	-0.340	-0.340	0.000	0.00%	0.00%
30	2d	-0.340	-0.340	0.000	-0.03%	1.00%
30	3d	-0.340	-0.340	0.000	-0.03%	1.00%
30	4d	-0.340	-0.340	0.000	-0.03%	1.00%
30	5d	-0.340	-0.340	0.000	0.00%	0.00%
30	6d	-0.340	-0.340	0.000	-0.06%	2.00%
30	7d	-0.340	-0.340	0.000	-0.03%	1.00%
30	8d	-0.340	-0.340	0.000	-0.06%	2.00%
30	9d	-0.340	-0.340	0.000	-0.03%	1.00%
30	10d	-0.340	-0.340	0.000	-0.03%	1.00%
	Max	-0.340	-0.340	0.000	0.06%	3.00%
	Average	-0.340	-0.340	0.000	-0.03%	1.33%
	Min	-0.340	-0.340	0.000	-0.09%	0.00%
	Std Dev	0.000	0.000	0.000	0.04%	0.88%



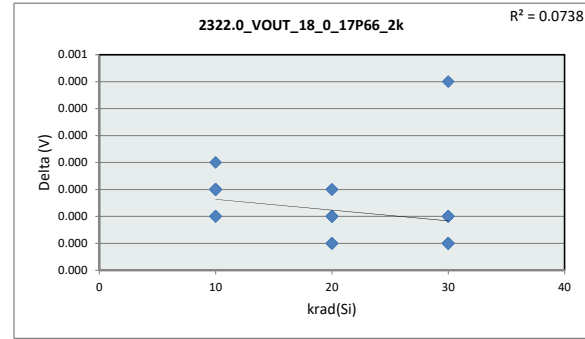
2321.0_VOUT_18_0_17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.335	V	
Min Limit	-0.345	V	
krad(Si)	10	20	30
LL	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335



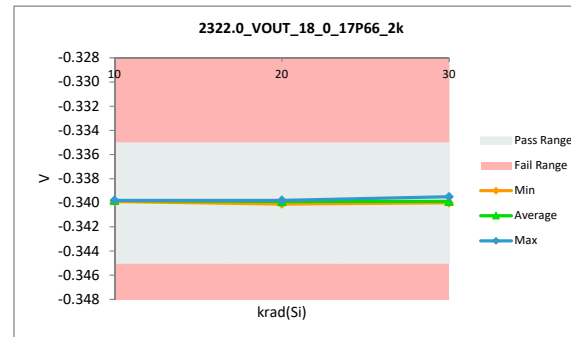
# LDR TID Report OPA4H014-SEP

2322.0_VOUT_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.340	-0.340	0.000	-0.03%	1.00%
10	2b	-0.340	-0.340	0.000	0.00%	0.00%
10	3b	-0.340	-0.340	0.000	0.03%	1.00%
10	4b	-0.340	-0.340	0.000	0.00%	0.00%
10	5b	-0.340	-0.340	0.000	0.00%	0.00%
10	6b	-0.340	-0.340	0.000	0.00%	0.00%
10	7b	-0.340	-0.340	0.000	0.00%	0.00%
10	8b	-0.340	-0.340	0.000	0.00%	0.00%
10	9b	-0.340	-0.340	0.000	0.03%	1.00%
10	10b	-0.340	-0.340	0.000	0.03%	1.00%
20	1c	-0.340	-0.340	0.000	0.06%	2.00%
20	2c	-0.340	-0.340	0.000	0.00%	0.00%
20	3c	-0.340	-0.340	0.000	0.03%	1.00%
20	4c	-0.340	-0.340	0.000	0.00%	0.00%
20	5c	-0.340	-0.340	0.000	0.03%	1.00%
20	6c	-0.340	-0.340	0.000	0.03%	1.00%
20	7c	-0.340	-0.340	0.000	0.03%	1.00%
20	8c	-0.340	-0.340	0.000	0.03%	1.00%
20	9c	-0.340	-0.340	0.000	0.06%	2.00%
20	10c	-0.340	-0.340	0.000	0.06%	2.00%
30	1d	-0.340	-0.340	0.000	-0.12%	4.00%
30	2d	-0.340	-0.340	0.000	0.06%	2.00%
30	3d	-0.340	-0.340	0.000	0.03%	1.00%
30	4d	-0.340	-0.340	0.000	0.06%	2.00%
30	5d	-0.340	-0.340	0.000	0.03%	1.00%
30	6d	-0.340	-0.340	0.000	0.03%	1.00%
30	7d	-0.340	-0.340	0.000	0.06%	2.00%
30	8d	-0.340	-0.340	0.000	0.03%	1.00%
30	9d	-0.340	-0.340	0.000	0.06%	2.00%
30	10d	-0.340	-0.340	0.000	0.06%	2.00%
	Max	-0.340	-0.340	0.000	0.06%	4.00%
	Average	-0.340	-0.340	0.000	0.02%	1.10%
	Min	-0.340	-0.340	0.000	-0.12%	0.00%
	Std Dev	0.000	0.000	0.000	0.04%	0.92%



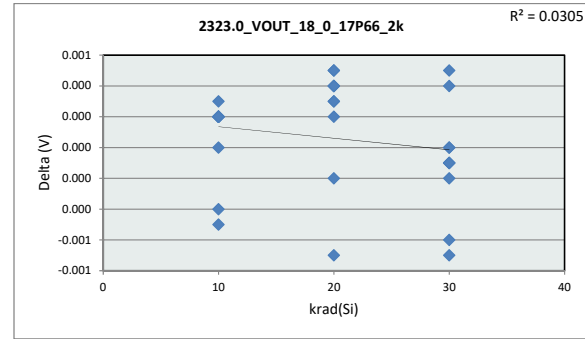
2322.0_VOUT_18_0_17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.335	V	
Min Limit	-0.345	V	
krad(Si)	10	20	30
LL	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335



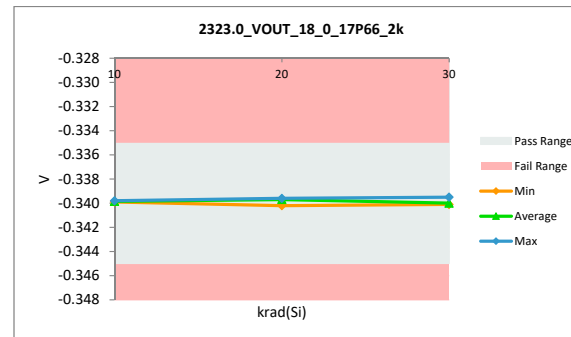
# LDR TID Report OPA4H014-SEP

2323.0_VOUT_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.335	-0.335
Min Limit	-0.345	-0.345

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.340	-0.340	0.000	-0.09%	3.00%
10	2b	-0.339	-0.340	0.000	0.15%	5.00%
10	3b	-0.340	-0.340	0.000	-0.06%	2.00%
10	4b	-0.340	-0.340	0.000	-0.06%	2.00%
10	5b	-0.340	-0.340	0.000	0.12%	4.00%
10	6b	-0.340	-0.340	0.000	-0.06%	2.00%
10	7b	-0.340	-0.340	0.000	-0.06%	2.00%
10	8b	-0.340	-0.340	0.000	-0.06%	2.00%
10	9b	-0.340	-0.340	0.000	-0.06%	2.00%
10	10b	-0.340	-0.340	0.000	0.00%	0.00%
20	1c	-0.340	-0.340	0.000	-0.09%	3.00%
20	2c	-0.339	-0.340	0.000	0.06%	2.00%
20	3c	-0.340	-0.340	0.000	-0.12%	4.00%
20	4c	-0.340	-0.340	0.000	-0.15%	5.00%
20	5c	-0.340	-0.340	-0.001	0.21%	7.00%
20	6c	-0.340	-0.340	0.000	-0.15%	5.00%
20	7c	-0.340	-0.340	0.000	-0.12%	4.00%
20	8c	-0.340	-0.340	0.000	-0.09%	3.00%
20	9c	-0.340	-0.340	0.000	-0.12%	4.00%
20	10c	-0.340	-0.340	0.000	-0.06%	2.00%
30	1d	-0.340	-0.340	0.000	-0.12%	4.00%
30	2d	-0.339	-0.340	-0.001	0.21%	7.00%
30	3d	-0.340	-0.340	0.000	-0.15%	5.00%
30	4d	-0.340	-0.340	0.000	0.00%	0.00%
30	5d	-0.340	-0.340	-0.001	0.18%	6.00%
30	6d	-0.340	-0.340	0.000	0.00%	0.00%
30	7d	-0.340	-0.340	0.000	0.03%	1.00%
30	8d	-0.340	-0.340	0.000	0.03%	1.00%
30	9d	-0.340	-0.340	0.000	0.03%	1.00%
30	10d	-0.340	-0.340	0.000	0.06%	2.00%
	Max	-0.339	-0.340	0.000	0.21%	7.00%
	Average	-0.340	-0.340	0.000	-0.02%	3.00%
	Min	-0.340	-0.340	-0.001	-0.15%	0.00%
	Std Dev	0.000	0.000	0.000	0.11%	1.95%



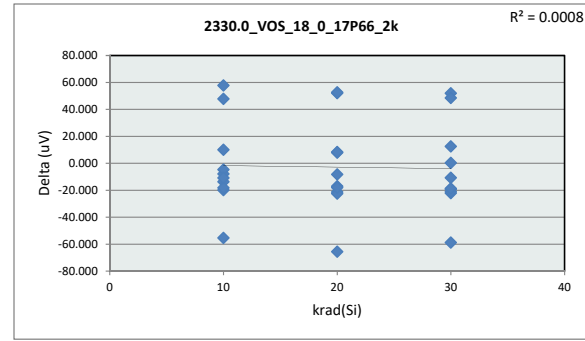
2323.0_VOUT_18_0_17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.335	V	
Min Limit	-0.345	V	
krad(Si)	10	20	30
LL	-0.345	-0.345	-0.345
Min	-0.340	-0.340	-0.340
Average	-0.340	-0.340	-0.340
Max	-0.340	-0.340	-0.340
UL	-0.335	-0.335	-0.335



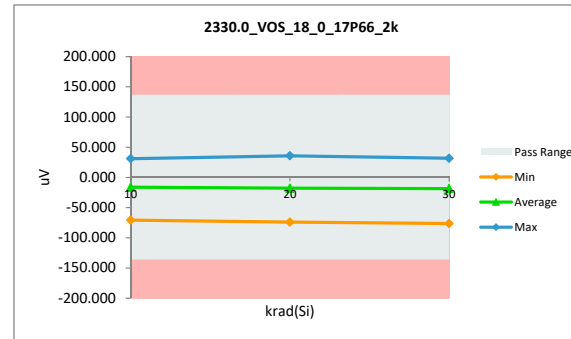
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2330.0_VOS_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	7.380	-0.540	-7.920	-107.32%	2.91%
10	2b	7.220	17.250	10.030	138.92%	3.69%
10	3b	-36.740	20.990	57.730	-157.13%	21.22%
10	4b	1.300	-54.120	-55.420	-4263.08%	20.37%
10	5b	-57.050	-70.730	-13.680	23.98%	5.03%
10	6b	-16.770	31.010	47.780	-284.91%	17.57%
10	7b	-55.800	-60.540	-4.740	8.49%	1.74%
10	8b	6.010	-13.920	-19.930	-331.61%	7.33%
10	9b	5.590	-12.670	-18.260	-326.65%	6.71%
10	10b	-8.210	-19.100	-10.890	132.64%	4.00%
20	1c	7.380	15.260	7.880	106.78%	2.90%
20	2c	7.220	15.550	8.330	115.37%	3.06%
20	3c	-36.740	15.330	52.070	-141.73%	19.14%
20	4c	1.300	-64.270	-65.570	-5043.85%	24.11%
20	5c	-57.050	-74.130	-17.080	29.94%	6.28%
20	6c	-16.770	35.830	52.600	-313.66%	19.34%
20	7c	-55.800	-64.100	-8.300	14.87%	3.05%
20	8c	6.010	-15.330	-21.340	-355.07%	7.85%
20	9c	5.590	-16.940	-22.530	-403.04%	8.28%
20	10c	-8.210	-26.260	-18.050	219.85%	6.64%
30	1d	7.380	19.850	12.470	168.97%	4.58%
30	2d	7.220	7.450	0.230	3.19%	0.08%
30	3d	-36.740	15.220	51.960	-141.43%	19.10%
30	4d	1.300	-57.600	-58.900	-4530.77%	21.65%
30	5d	-57.050	-76.320	-19.270	33.78%	7.08%
30	6d	-16.770	31.720	48.490	-289.15%	17.83%
30	7d	-55.800	-66.520	-10.720	19.21%	3.94%
30	8d	6.010	-16.130	-22.140	-368.39%	8.14%
30	9d	5.590	-15.540	-21.130	-378.00%	7.77%
30	10d	-8.210	-26.970	-18.760	228.50%	6.90%
	Max	7.380	35.830	57.730	228.50%	24.11%
	Average	-14.707	-17.542	-2.835	-539.71%	9.61%
	Min	-57.050	-76.320	-65.570	-5043.85%	0.08%
	Std Dev	25.078	36.297	33.050	1398.53%	7.30%



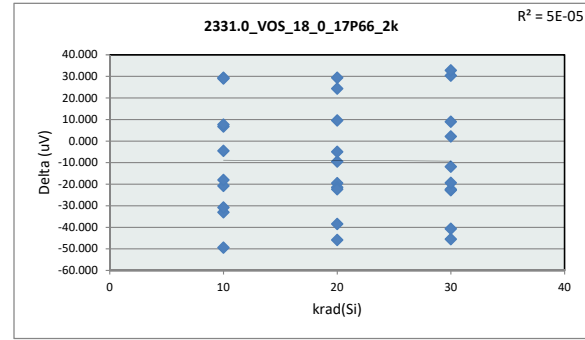
2330.0_VOS_18_0_17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	136	uV	
Min Limit	-136	uV	
krad(Si)	10	20	30
LL	-136.000	-136.000	-136.000
Min	-70.730	-74.130	-76.320
Average	-16.237	-17.906	-18.484
Max	31.010	35.830	31.720
UL	136.000	136.000	136.000



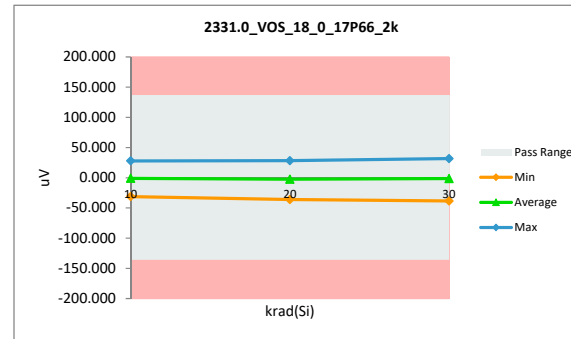
LDR TID Report  
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2331.0_VOS_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	37.510	-11.980	-49.490	-131.94%	18.19%
10	2b	15.900	22.620	6.720	42.26%	2.47%
10	3b	16.400	-4.410	-20.810	-126.89%	7.65%
10	4b	25.210	-7.850	-33.060	-131.14%	12.15%
10	5b	-26.600	-31.190	-4.590	17.26%	1.69%
10	6b	16.880	-1.180	-18.060	-106.99%	6.64%
10	7b	-0.620	6.970	7.590	-1224.19%	2.79%
10	8b	17.020	-13.800	-30.820	-181.08%	11.33%
10	9b	-26.140	3.190	29.330	-112.20%	10.78%
10	10b	-1.080	27.940	29.020	-2687.04%	10.67%
20	1c	37.510	-8.420	-45.930	-122.45%	16.89%
20	2c	15.900	25.440	9.540	60.00%	3.51%
20	3c	16.400	-3.170	-19.570	-119.33%	7.19%
20	4c	25.210	-13.260	-38.470	-152.60%	14.14%
20	5c	-26.600	-36.140	-9.540	35.86%	3.51%
20	6c	16.880	-4.610	-21.490	-127.31%	7.90%
20	7c	-0.620	-5.600	-4.980	803.23%	1.83%
20	8c	17.020	-5.350	-22.370	-131.43%	8.22%
20	9c	-26.140	-1.830	24.310	-93.00%	8.94%
20	10c	-1.080	28.300	29.380	-2720.37%	10.80%
30	1d	37.510	-8.020	-45.530	-121.38%	16.74%
30	2d	15.900	24.830	8.930	56.16%	3.28%
30	3d	16.400	-6.410	-22.810	-139.09%	8.39%
30	4d	25.210	-15.470	-40.680	-161.36%	14.96%
30	5d	-26.600	-38.510	-11.910	44.77%	4.38%
30	6d	16.880	-5.560	-22.440	-132.94%	8.25%
30	7d	-0.620	1.500	2.120	-341.94%	0.78%
30	8d	17.020	-2.390	-19.410	-114.04%	7.14%
30	9d	-26.140	4.160	30.300	-115.91%	11.14%
30	10d	-1.080	31.670	32.750	-3032.41%	12.04%
	Max	37.510	31.670	32.750	803.23%	18.19%
	Average	7.448	-1.618	-9.066	-375.58%	8.48%
	Min	-26.600	-38.510	-49.490	-3032.41%	0.78%
	Std Dev	20.282	17.870	25.293	874.22%	4.86%



2331.0_VOS_18_0_17P66_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	136	uV	
Min Limit	-136	uV	
krad(Si)	10	20	30
LL	-136.000	-136.000	-136.000
Min	-31.190	-36.140	-38.510
Average	-0.969	-2.464	-1.420
Max	27.940	28.300	31.670
UL	136.000	136.000	136.000

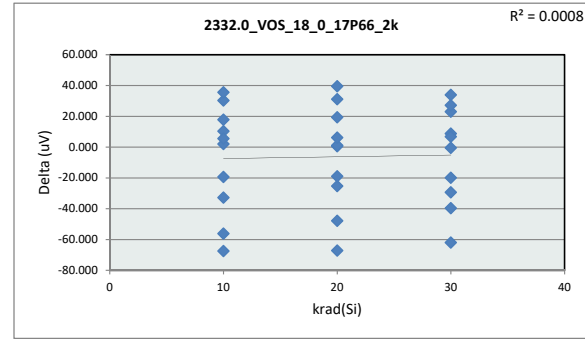




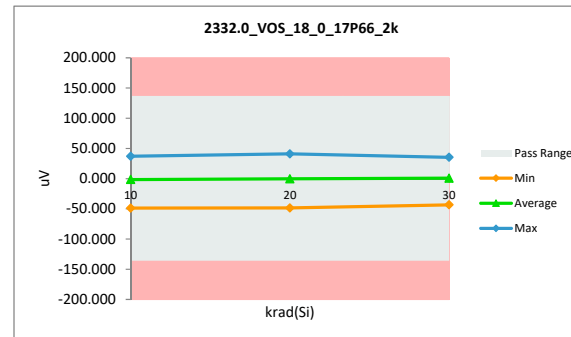
LDR TID Report  
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2332.0_VOS_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	26.240	-6.570	-32.810	-125.04%	12.06%
10	2b	-23.400	6.860	30.260	-129.32%	11.12%
10	3b	-1.300	8.970	10.270	-790.00%	3.78%
10	4b	1.450	36.970	35.520	2449.66%	13.06%
10	5b	-5.780	-3.760	2.020	-34.95%	0.74%
10	6b	-12.620	-7.060	5.560	-44.06%	2.04%
10	7b	18.660	-48.820	-67.480	-361.63%	24.81%
10	8b	33.220	-22.970	-56.190	-169.15%	20.66%
10	9b	-1.070	16.650	17.720	-1656.07%	6.51%
10	10b	23.670	4.240	-19.430	-82.09%	7.14%
20	1c	26.240	0.940	-25.300	-96.42%	9.30%
20	2c	-23.400	7.660	31.060	-132.74%	11.42%
20	3c	-1.300	-0.790	0.510	-39.23%	0.19%
20	4c	1.450	40.930	39.480	2722.76%	14.51%
20	5c	-5.780	-4.720	1.060	-18.34%	0.39%
20	6c	-12.620	-6.490	6.130	-48.57%	2.25%
20	7c	18.660	-48.520	-67.180	-360.02%	24.70%
20	8c	33.220	-14.680	-47.900	-144.19%	17.61%
20	9c	-1.070	18.300	19.370	-1810.28%	7.12%
20	10c	23.670	4.660	-19.010	-80.31%	6.99%
30	1d	26.240	-3.170	-29.410	-112.08%	10.81%
30	2d	-23.400	-0.390	23.010	-98.33%	8.46%
30	3d	-1.300	7.420	8.720	-670.77%	3.21%
30	4d	1.450	35.280	33.830	2333.10%	12.44%
30	5d	-5.780	-6.320	-0.540	9.34%	0.20%
30	6d	-12.620	-5.830	6.790	-53.80%	2.50%
30	7d	18.660	-43.330	-61.990	-332.21%	22.79%
30	8d	33.220	-6.420	-39.640	-119.33%	14.57%
30	9d	-1.070	26.020	27.090	-2531.78%	9.96%
30	10d	23.670	3.760	-19.910	-84.11%	7.32%
	Max	33.220	40.930	39.480	2722.76%	24.81%
	Average	5.907	-0.373	-6.280	-87.00%	9.62%
	Min	-23.400	-48.820	-67.480	-2531.78%	0.19%
	Std Dev	17.899	21.595	32.465	1061.57%	7.22%



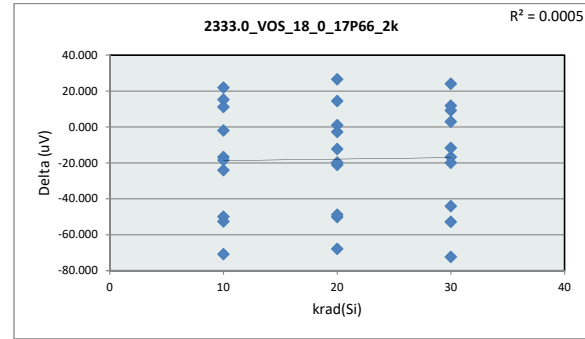
2332.0_VOS_18_0_17P66_2k				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	136	uV		
Min Limit	-136	uV		
	krad(Si)	10	20	30
LL		-136.000	-136.000	-136.000
Min		-48.820	-48.520	-43.330
Average		-1.549	-0.271	0.702
Max		36.970	40.930	35.280
UL		136.000	136.000	136.000



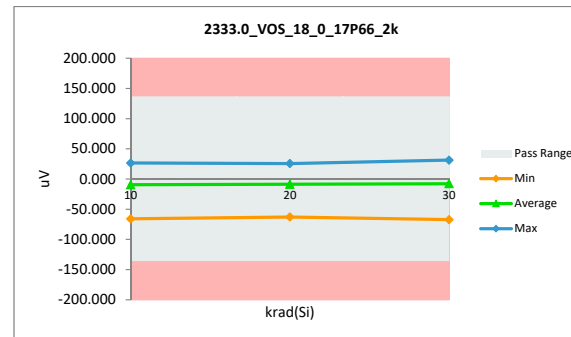
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2333.0_VOS_18_0_17P66_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	136	136
Min Limit	-136	-136

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-2.420	-19.120	-16.700	690.08%	6.14%
10	2b	8.680	-15.330	-24.010	-276.61%	8.83%
10	3b	21.140	2.690	-18.450	-87.28%	6.78%
10	4b	-16.440	-1.160	15.280	-92.94%	5.62%
10	5b	28.330	26.370	-1.960	-6.92%	0.72%
10	6b	-4.540	6.590	11.130	-245.15%	4.09%
10	7b	-1.900	20.030	21.930	-1154.21%	8.06%
10	8b	4.980	-65.840	-70.820	-1422.09%	26.04%
10	9b	13.490	-39.160	-52.650	-390.29%	19.36%
10	10b	40.760	-9.160	-49.920	-122.47%	18.35%
20	1c	-2.420	-14.660	-12.240	505.79%	4.50%
20	2c	8.680	-12.440	-21.120	-243.32%	7.76%
20	3c	21.140	1.360	-19.780	-93.57%	7.27%
20	4c	-16.440	-15.420	1.020	-6.20%	0.38%
20	5c	28.330	25.610	-2.720	-9.60%	1.00%
20	6c	-4.540	9.950	14.490	-319.16%	5.33%
20	7c	-1.900	24.630	26.530	-1396.32%	9.75%
20	8c	4.980	-62.880	-67.860	-1362.65%	24.95%
20	9c	13.490	-36.640	-50.130	-371.61%	18.43%
20	10c	40.760	-8.020	-48.780	-119.68%	17.93%
30	1d	-2.420	-19.140	-16.720	690.91%	6.15%
30	2d	8.680	-11.240	-19.920	-229.49%	7.32%
30	3d	21.140	9.490	-11.650	-55.11%	4.28%
30	4d	-16.440	-7.280	9.160	-55.72%	3.37%
30	5d	28.330	31.290	2.960	10.45%	1.09%
30	6d	-4.540	7.310	11.850	-261.01%	4.36%
30	7d	-1.900	22.170	24.070	-1266.84%	8.85%
30	8d	4.980	-67.270	-72.250	-1450.80%	26.56%
30	9d	13.490	-39.280	-52.770	-391.18%	19.40%
30	10d	40.760	-3.340	-44.100	-108.19%	16.21%
	Max	40.760	31.290	26.530	690.91%	26.56%
	Average	9.208	-8.663	-17.871	-321.37%	9.96%
	Min	-16.440	-67.270	-72.250	-1450.80%	0.38%
	Std Dev	16.543	26.923	29.779	584.75%	7.86%



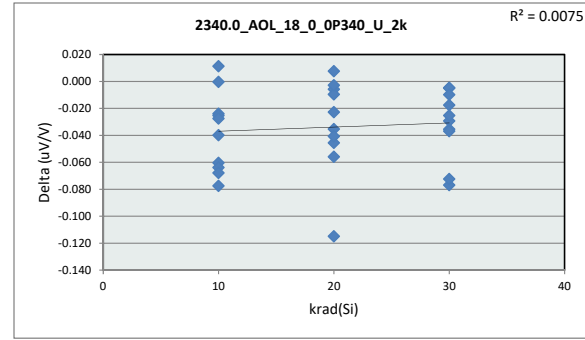
2333.0_VOS_18_0_17P66_2k				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	136	uV		
Min Limit	-136	uV		
	krad(Si)	10	20	30
LL		-136.000	-136.000	-136.000
Min		-65.840	-62.880	-67.270
Average		-9.409	-8.851	-7.729
Max		26.370	25.610	31.290
UL		136.000	136.000	136.000



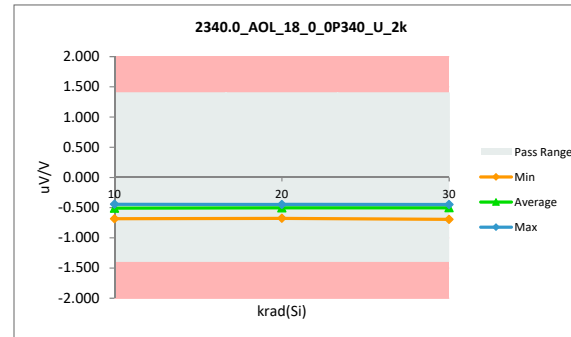
# LDR TID Report OPA4H014-SEP

2340.0_AOL_18_0_OP340_U_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.4	1.4
Min Limit	-1.4	-1.4

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.453	-0.513	-0.060	13.34%	2.16%
10	2b	-0.447	-0.470	-0.024	5.38%	0.86%
10	3b	-0.428	-0.468	-0.040	9.32%	1.43%
10	4b	-0.460	-0.537	-0.077	16.86%	2.77%
10	5b	-0.433	-0.458	-0.025	5.85%	0.90%
10	6b	-0.622	-0.686	-0.064	10.27%	2.28%
10	7b	-0.456	-0.445	0.011	-2.48%	0.40%
10	8b	-0.467	-0.535	-0.068	14.53%	2.42%
10	9b	-0.488	-0.488	0.000	0.06%	0.01%
10	10b	-0.459	-0.486	-0.028	5.99%	0.98%
20	1c	-0.453	-0.459	-0.006	1.28%	0.21%
20	2c	-0.447	-0.456	-0.010	2.15%	0.34%
20	3c	-0.428	-0.474	-0.046	10.65%	1.63%
20	4c	-0.460	-0.575	-0.115	25.01%	4.11%
20	5c	-0.433	-0.456	-0.023	5.27%	0.81%
20	6c	-0.622	-0.678	-0.056	8.98%	2.00%
20	7c	-0.456	-0.449	0.008	-1.67%	0.27%
20	8c	-0.467	-0.503	-0.035	7.58%	1.26%
20	9c	-0.488	-0.491	-0.003	0.59%	0.10%
20	10c	-0.459	-0.500	-0.041	8.87%	1.45%
30	1d	-0.453	-0.458	-0.005	1.10%	0.18%
30	2d	-0.447	-0.476	-0.029	6.56%	1.05%
30	3d	-0.428	-0.453	-0.025	5.91%	0.90%
30	4d	-0.460	-0.537	-0.077	16.72%	2.75%
30	5d	-0.433	-0.450	-0.018	4.07%	0.63%
30	6d	-0.622	-0.695	-0.072	11.64%	2.59%
30	7d	-0.456	-0.461	-0.005	1.05%	0.17%
30	8d	-0.467	-0.503	-0.035	7.60%	1.27%
30	9d	-0.488	-0.498	-0.010	2.03%	0.35%
30	10d	-0.459	-0.496	-0.037	8.04%	1.32%
	Max	-0.428	-0.445	0.011	25.01%	4.11%
	Average	-0.471	-0.505	-0.034	7.09%	1.25%
	Min	-0.622	-0.695	-0.115	-2.48%	0.01%
	Std Dev	0.054	0.069	0.030	6.15%	1.00%



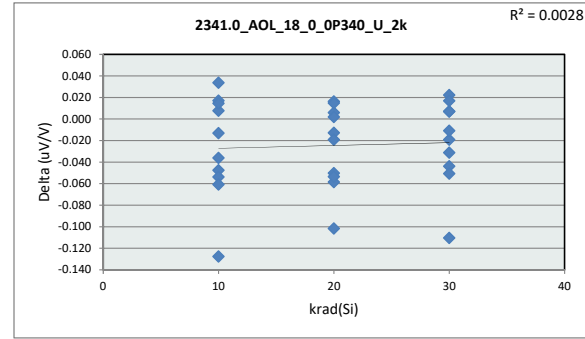
2340.0_AOL_18_0_OP340_U_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.4	uV/V	
Min Limit	-1.4	uV/V	
krad(Si)	10	20	30
LL	-1.400	-1.400	-1.400
Min	-0.686	-0.678	-0.695
Average	-0.509	-0.504	-0.503
Max	-0.445	-0.449	-0.450
UL	1.400	1.400	1.400



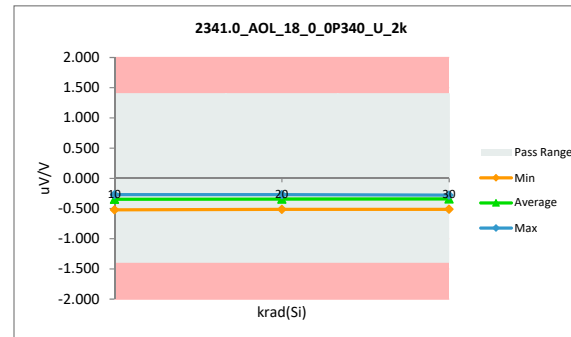
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2341.0_AOL_18_0_OP340_U_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.4	1.4
Min Limit	-1.4	-1.4

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.259	-0.307	-0.048	18.35%	1.70%
10	2b	-0.296	-0.332	-0.036	12.21%	1.29%
10	3b	-0.273	-0.326	-0.054	19.73%	1.92%
10	4b	-0.308	-0.321	-0.013	4.25%	0.47%
10	5b	-0.302	-0.285	0.017	-5.63%	0.61%
10	6b	-0.462	-0.523	-0.061	13.15%	2.17%
10	7b	-0.305	-0.271	0.034	-11.06%	1.20%
10	8b	-0.299	-0.427	-0.128	42.63%	4.56%
10	9b	-0.330	-0.322	0.008	-2.30%	0.27%
10	10b	-0.370	-0.356	0.015	-3.92%	0.52%
20	1c	-0.259	-0.272	-0.013	4.93%	0.46%
20	2c	-0.296	-0.315	-0.019	6.53%	0.69%
20	3c	-0.273	-0.323	-0.050	18.45%	1.80%
20	4c	-0.308	-0.367	-0.059	19.02%	2.09%
20	5c	-0.302	-0.296	0.006	-1.95%	0.21%
20	6c	-0.462	-0.516	-0.053	11.58%	1.91%
20	7c	-0.305	-0.289	0.016	-5.35%	0.58%
20	8c	-0.299	-0.401	-0.102	33.98%	3.63%
20	9c	-0.330	-0.328	0.002	-0.55%	0.06%
20	10c	-0.370	-0.355	0.015	-4.00%	0.53%
30	1d	-0.259	-0.279	-0.019	7.44%	0.69%
30	2d	-0.296	-0.306	-0.011	3.69%	0.39%
30	3d	-0.273	-0.317	-0.044	16.10%	1.57%
30	4d	-0.308	-0.339	-0.031	10.16%	1.12%
30	5d	-0.302	-0.295	0.007	-2.35%	0.25%
30	6d	-0.462	-0.513	-0.051	10.97%	1.81%
30	7d	-0.305	-0.283	0.022	-7.28%	0.79%
30	8d	-0.299	-0.410	-0.110	36.89%	3.94%
30	9d	-0.330	-0.323	0.007	-2.09%	0.25%
30	10d	-0.370	-0.353	0.017	-4.54%	0.60%
	Max	-0.259	-0.271	0.034	42.63%	4.56%
	Average	-0.320	-0.345	-0.025	7.97%	1.27%
	Min	-0.462	-0.523	-0.128	-11.06%	0.06%
	Std Dev	0.056	0.070	0.041	13.46%	1.14%



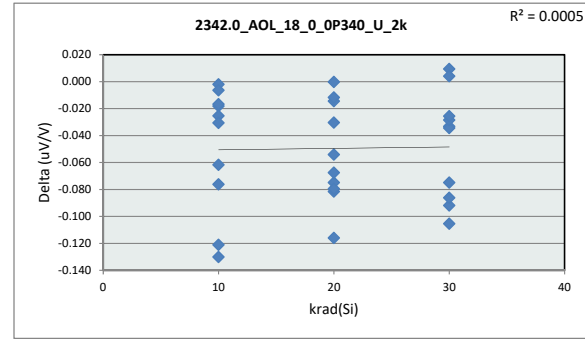
2341.0_AOL_18_0_OP340_U_2k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.4	uV/V	
Min Limit	-1.4	uV/V	
krad(Si)	10	20	30
LL	-1.400	-1.400	-1.400
Min	-0.523	-0.516	-0.513
Average	-0.347	-0.346	-0.342
Max	-0.271	-0.272	-0.279
UL	1.400	1.400	1.400



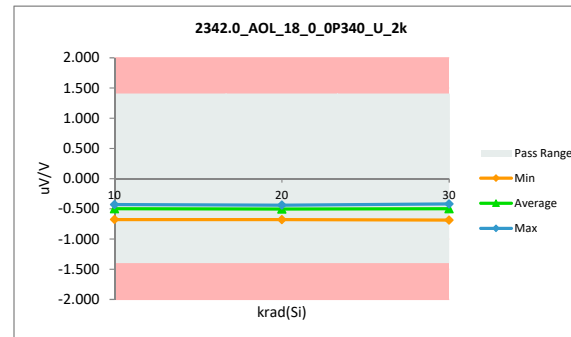
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2342.0_AOL_18_0_OP340_U_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.4	1.4
Min Limit	-1.4	-1.4

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.360	-0.481	-0.121	33.61%	4.33%
10	2b	-0.427	-0.489	-0.062	14.44%	2.20%
10	3b	-0.417	-0.435	-0.018	4.37%	0.65%
10	4b	-0.449	-0.475	-0.025	5.66%	0.91%
10	5b	-0.438	-0.454	-0.017	3.82%	0.60%
10	6b	-0.601	-0.677	-0.076	12.68%	2.72%
10	7b	-0.428	-0.430	-0.002	0.47%	0.07%
10	8b	-0.436	-0.566	-0.130	29.88%	4.65%
10	9b	-0.492	-0.498	-0.006	1.30%	0.23%
10	10b	-0.468	-0.499	-0.031	6.53%	1.09%
20	1c	-0.360	-0.442	-0.082	22.65%	2.91%
20	2c	-0.427	-0.481	-0.054	12.69%	1.94%
20	3c	-0.417	-0.491	-0.075	17.98%	2.68%
20	4c	-0.449	-0.517	-0.068	15.05%	2.41%
20	5c	-0.438	-0.452	-0.014	3.31%	0.52%
20	6c	-0.601	-0.680	-0.080	13.23%	2.84%
20	7c	-0.428	-0.440	-0.012	2.73%	0.42%
20	8c	-0.436	-0.552	-0.116	26.62%	4.14%
20	9c	-0.492	-0.492	0.000	0.04%	0.01%
20	10c	-0.468	-0.499	-0.030	6.49%	1.09%
30	1d	-0.360	-0.452	-0.092	25.51%	3.28%
30	2d	-0.427	-0.502	-0.075	17.53%	2.68%
30	3d	-0.417	-0.450	-0.033	7.97%	1.19%
30	4d	-0.449	-0.484	-0.034	7.66%	1.23%
30	5d	-0.438	-0.466	-0.028	6.51%	1.02%
30	6d	-0.601	-0.687	-0.086	14.35%	3.08%
30	7d	-0.428	-0.419	0.009	-2.20%	0.34%
30	8d	-0.436	-0.541	-0.105	24.21%	3.77%
30	9d	-0.492	-0.488	0.004	-0.81%	0.14%
30	10d	-0.468	-0.494	-0.026	5.47%	0.91%
	Max	-0.360	-0.419	0.009	33.61%	4.65%
	Average	-0.452	-0.501	-0.050	11.33%	1.80%
	Min	-0.601	-0.687	-0.130	-2.20%	0.01%
	Std Dev	0.060	0.070	0.040	9.78%	1.40%



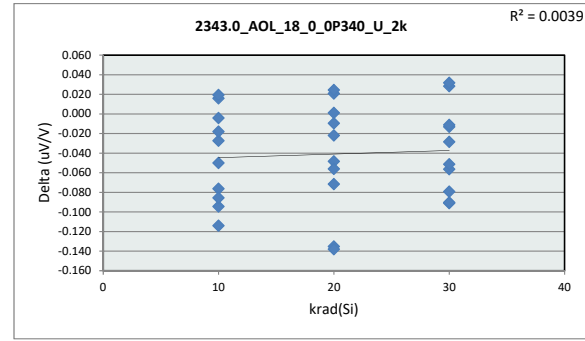
2342.0_AOL_18_0_OP340_U_2k				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	1.4	uV/V		
Min Limit	-1.4	uV/V		
	krad(Si)	10	20	30
LL		-1.400	-1.400	-1.400
Min		-0.677	-0.680	-0.687
Average		-0.500	-0.505	-0.498
Max		-0.430	-0.440	-0.419
UL		1.400	1.400	1.400



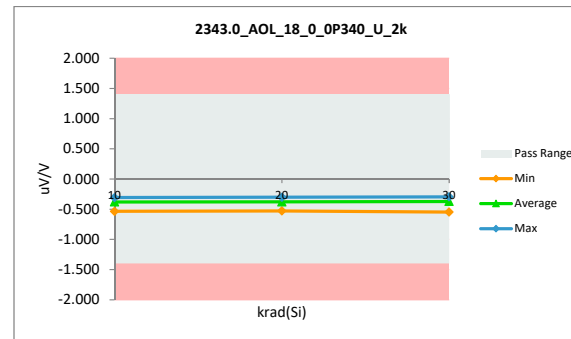
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2343.0_AOL_18_0_OP340_U_2k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	1.4	1.4
Min Limit	-1.4	-1.4

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.267	-0.343	-0.076	28.62%	2.72%
10	2b	-0.329	-0.357	-0.027	8.29%	0.98%
10	3b	-0.260	-0.374	-0.114	43.94%	4.08%
10	4b	-0.303	-0.398	-0.094	31.10%	3.37%
10	5b	-0.323	-0.307	0.016	-4.93%	0.57%
10	6b	-0.518	-0.536	-0.018	3.48%	0.64%
10	7b	-0.337	-0.317	0.019	-5.76%	0.69%
10	8b	-0.316	-0.401	-0.086	27.11%	3.06%
10	9b	-0.362	-0.366	-0.004	1.16%	0.15%
10	10b	-0.342	-0.392	-0.050	14.60%	1.79%
20	1c	-0.267	-0.315	-0.048	18.15%	1.73%
20	2c	-0.329	-0.351	-0.022	6.65%	0.78%
20	3c	-0.260	-0.395	-0.135	52.06%	4.83%
20	4c	-0.303	-0.442	-0.138	45.50%	4.93%
20	5c	-0.323	-0.302	0.021	-6.48%	0.75%
20	6c	-0.518	-0.527	-0.010	1.83%	0.34%
20	7c	-0.337	-0.312	0.024	-7.24%	0.87%
20	8c	-0.316	-0.387	-0.072	22.68%	2.56%
20	9c	-0.362	-0.361	0.001	-0.28%	0.04%
20	10c	-0.342	-0.398	-0.056	16.36%	2.00%
30	1d	-0.267	-0.323	-0.056	21.16%	2.01%
30	2d	-0.329	-0.342	-0.013	3.98%	0.47%
30	3d	-0.260	-0.351	-0.091	35.04%	3.25%
30	4d	-0.303	-0.394	-0.090	29.75%	3.22%
30	5d	-0.323	-0.294	0.028	-8.77%	1.01%
30	6d	-0.518	-0.546	-0.029	5.50%	1.02%
30	7d	-0.337	-0.305	0.032	-9.41%	1.13%
30	8d	-0.316	-0.395	-0.079	25.12%	2.83%
30	9d	-0.362	-0.373	-0.011	3.09%	0.40%
30	10d	-0.342	-0.394	-0.051	14.98%	1.83%
	Max	-0.260	-0.294	0.032	52.06%	4.93%
	Average	-0.336	-0.377	-0.041	13.91%	1.80%
	Min	-0.518	-0.546	-0.138	-9.41%	0.04%
	Std Dev	0.069	0.066	0.049	17.29%	1.39%



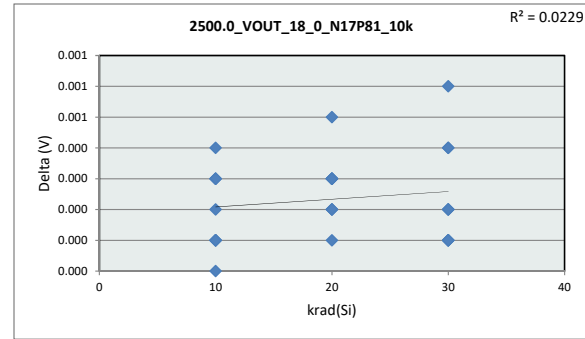
2343.0_AOL_18_0_OP340_U_2k				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	1.4	uV/V		
Min Limit	-1.4	uV/V		
	krad(Si)	10	20	30
LL		-1.400	-1.400	-1.400
Min		-0.536	-0.527	-0.546
Average		-0.379	-0.379	-0.372
Max		-0.307	-0.302	-0.294
UL		1.400	1.400	1.400



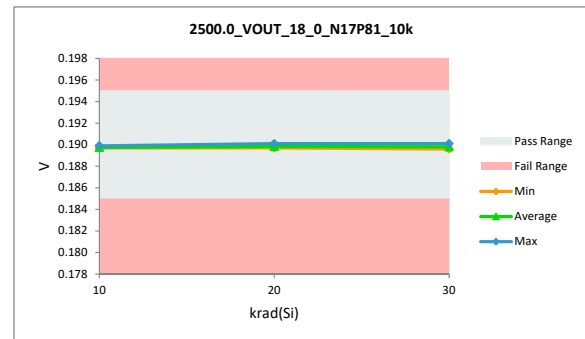
# LDR TID Report OPA4H014-SEP

2500.0_VOUT_18_0_N17P81_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.195	0.195
Min Limit	0.185	0.185

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.190	0.190	0.000	0.00%	0.00%
10	2b	0.190	0.190	0.000	0.16%	3.00%
10	3b	0.190	0.190	0.000	0.11%	2.00%
10	4b	0.190	0.190	0.000	0.05%	1.00%
10	5b	0.190	0.190	0.000	0.16%	3.00%
10	6b	0.190	0.190	0.000	0.05%	1.00%
10	7b	0.190	0.190	0.000	0.05%	1.00%
10	8b	0.190	0.190	0.000	0.21%	4.00%
10	9b	0.190	0.190	0.000	0.05%	1.00%
10	10b	0.189	0.190	0.000	0.16%	3.00%
20	1c	0.190	0.190	0.000	0.16%	3.00%
20	2c	0.190	0.190	0.000	0.11%	2.00%
20	3c	0.190	0.190	0.000	0.16%	3.00%
20	4c	0.190	0.190	0.000	0.16%	3.00%
20	5c	0.190	0.190	0.000	0.16%	3.00%
20	6c	0.190	0.190	0.000	0.11%	2.00%
20	7c	0.190	0.190	0.000	0.05%	1.00%
20	8c	0.190	0.190	0.000	0.16%	3.00%
20	9c	0.190	0.190	0.000	0.11%	2.00%
20	10c	0.189	0.190	0.000	0.26%	5.00%
30	1d	0.190	0.190	0.000	0.05%	1.00%
30	2d	0.190	0.190	0.001	0.32%	6.00%
30	3d	0.190	0.190	0.000	0.05%	1.00%
30	4d	0.190	0.190	0.000	0.05%	1.00%
30	5d	0.190	0.190	0.000	0.11%	2.00%
30	6d	0.190	0.190	0.000	0.05%	1.00%
30	7d	0.190	0.190	0.000	0.11%	2.00%
30	8d	0.190	0.190	0.000	0.21%	4.00%
30	9d	0.190	0.190	0.000	0.11%	2.00%
30	10d	0.189	0.190	0.000	0.21%	4.00%
	Max	0.190	0.190	0.001	0.32%	6.00%
	Average	0.190	0.190	0.000	0.12%	2.33%
	Min	0.189	0.190	0.000	0.00%	0.00%
	Std Dev	0.000	0.000	0.000	0.07%	1.37%



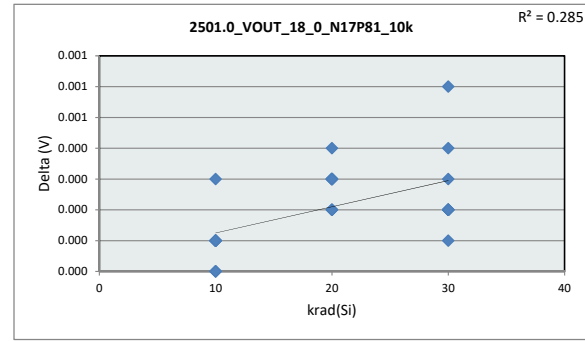
2500.0_VOUT_18_0_N17P81			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.195	V	
Min Limit	0.185	V	
	krad(Si)	10	20
LL		0.185	0.185
Min		0.190	0.190
Average		0.190	0.190
Max		0.190	0.190
UL		0.195	0.195



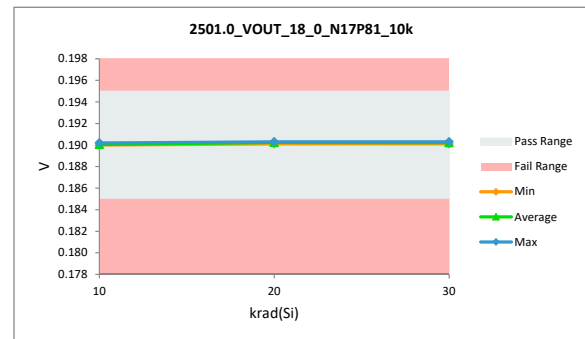
# LDR TID Report OPA4H014-SEP

2501.0_VOUT_18_0_N17P81_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.195	0.195
Min Limit	0.185	0.185

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.190	0.190	0.000	0.16%	3.00%
10	2b	0.190	0.190	0.000	0.05%	1.00%
10	3b	0.190	0.190	0.000	0.05%	1.00%
10	4b	0.190	0.190	0.000	0.00%	0.00%
10	5b	0.190	0.190	0.000	0.05%	1.00%
10	6b	0.190	0.190	0.000	0.00%	0.00%
10	7b	0.190	0.190	0.000	0.05%	1.00%
10	8b	0.190	0.190	0.000	0.05%	1.00%
10	9b	0.190	0.190	0.000	0.00%	0.00%
10	10b	0.190	0.190	0.000	0.05%	1.00%
20	1c	0.190	0.190	0.000	0.21%	4.00%
20	2c	0.190	0.190	0.000	0.16%	3.00%
20	3c	0.190	0.190	0.000	0.16%	3.00%
20	4c	0.190	0.190	0.000	0.16%	3.00%
20	5c	0.190	0.190	0.000	0.16%	3.00%
20	6c	0.190	0.190	0.000	0.16%	3.00%
20	7c	0.190	0.190	0.000	0.11%	2.00%
20	8c	0.190	0.190	0.000	0.11%	2.00%
20	9c	0.190	0.190	0.000	0.11%	2.00%
20	10c	0.190	0.190	0.000	0.16%	3.00%
30	1d	0.190	0.190	0.001	0.32%	6.00%
30	2d	0.190	0.190	0.000	0.16%	3.00%
30	3d	0.190	0.190	0.000	0.11%	2.00%
30	4d	0.190	0.190	0.000	0.11%	2.00%
30	5d	0.190	0.190	0.000	0.11%	2.00%
30	6d	0.190	0.190	0.000	0.11%	2.00%
30	7d	0.190	0.190	0.000	0.11%	2.00%
30	8d	0.190	0.190	0.000	0.05%	1.00%
30	9d	0.190	0.190	0.000	0.11%	2.00%
30	10d	0.190	0.190	0.000	0.21%	4.00%
	Max	0.190	0.190	0.001	0.32%	6.00%
	Average	0.190	0.190	0.000	0.11%	2.10%
	Min	0.190	0.190	0.000	0.00%	0.00%
	Std Dev	0.000	0.000	0.000	0.07%	1.32%



2501.0_VOUT_18_0_N17P81			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.195	V	
Min Limit	0.185	V	
krad(Si)	10	20	30
LL	0.185	0.185	0.185
Min	0.190	0.190	0.190
Average	0.190	0.190	0.190
Max	0.190	0.190	0.190
UL	0.195	0.195	0.195

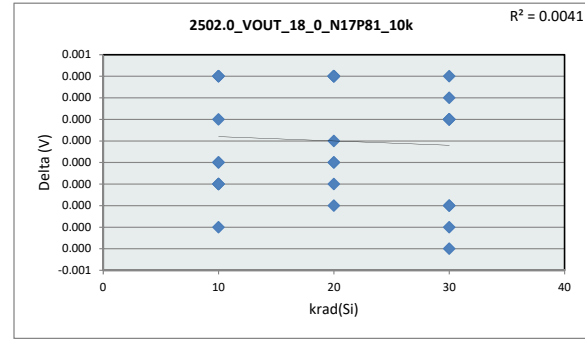




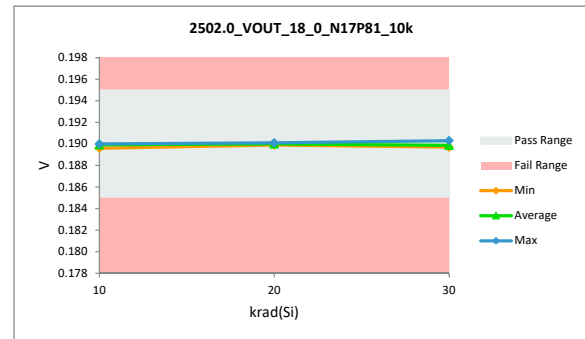
LDR TID Report  
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2502.0_VOUT_18_0_N17P81_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.195	0.195
Min Limit	0.185	0.185

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.190	0.190	0.000	-0.05%	1.00%
10	2b	0.190	0.190	0.000	-0.16%	3.00%
10	3b	0.190	0.190	0.000	0.00%	0.00%
10	4b	0.190	0.190	0.000	-0.05%	1.00%
10	5b	0.190	0.190	0.000	0.21%	4.00%
10	6b	0.190	0.190	0.000	0.21%	4.00%
10	7b	0.190	0.190	0.000	0.00%	0.00%
10	8b	0.190	0.190	0.000	0.11%	2.00%
10	9b	0.190	0.190	0.000	0.21%	4.00%
10	10b	0.190	0.190	0.000	-0.05%	1.00%
20	1c	0.190	0.190	0.000	0.05%	1.00%
20	2c	0.190	0.190	0.000	-0.11%	2.00%
20	3c	0.190	0.190	0.000	0.00%	0.00%
20	4c	0.190	0.190	0.000	0.00%	0.00%
20	5c	0.190	0.190	0.000	0.21%	4.00%
20	6c	0.190	0.190	0.000	0.21%	4.00%
20	7c	0.190	0.190	0.000	0.21%	4.00%
20	8c	0.190	0.190	0.000	0.21%	4.00%
20	9c	0.190	0.190	0.000	0.21%	4.00%
20	10c	0.190	0.190	0.000	-0.05%	1.00%
30	1d	0.190	0.190	0.000	0.21%	4.00%
30	2d	0.190	0.190	0.000	-0.21%	4.00%
30	3d	0.190	0.190	0.000	-0.16%	3.00%
30	4d	0.190	0.190	0.000	-0.11%	2.00%
30	5d	0.190	0.190	0.000	0.11%	2.00%
30	6d	0.190	0.190	0.000	0.11%	2.00%
30	7d	0.190	0.190	0.000	0.11%	2.00%
30	8d	0.190	0.190	0.000	0.11%	2.00%
30	9d	0.190	0.190	0.000	0.16%	3.00%
30	10d	0.190	0.190	0.000	-0.11%	2.00%
Max		0.190	0.190	0.000	0.21%	4.00%
Average		0.190	0.190	0.000	0.05%	2.33%
Min		0.190	0.190	0.000	-0.21%	0.00%
Std Dev		0.000	0.000	0.000	0.14%	1.45%



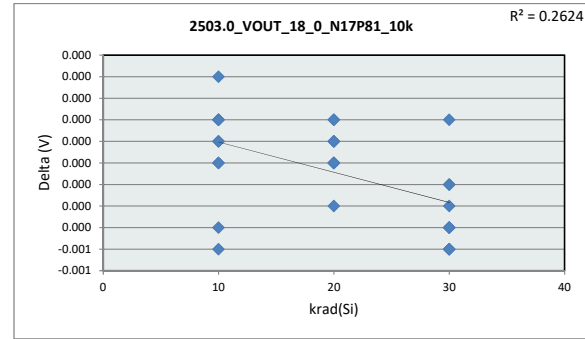
2502.0_VOUT_18_0_N17P81			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.195	V	
Min Limit	0.185	V	
krad(Si)	10	20	30
LL	0.185	0.185	0.185
Min	0.190	0.190	0.190
Average	0.190	0.190	0.190
Max	0.190	0.190	0.190
UL	0.195	0.195	0.195



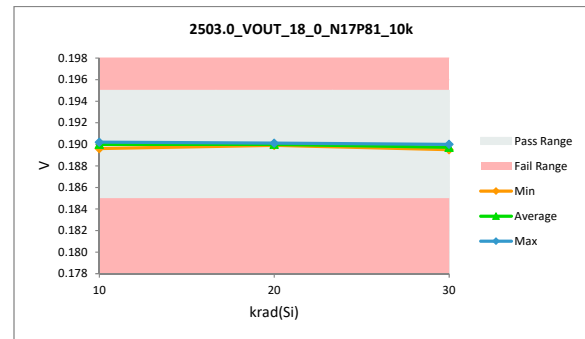
# LDR TID Report OPA4H014-SEP

2503.0_VOUT_18_0_N17P81_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	0.195	0.195
Min Limit	0.185	0.185

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.190	0.190	0.000	0.16%	3.00%
10	2b	0.190	0.190	0.000	-0.21%	4.00%
10	3b	0.190	0.190	0.000	0.05%	1.00%
10	4b	0.190	0.190	0.000	0.00%	0.00%
10	5b	0.190	0.190	0.000	0.05%	1.00%
10	6b	0.190	0.190	0.000	0.00%	0.00%
10	7b	0.190	0.190	0.000	-0.05%	1.00%
10	8b	0.190	0.190	0.000	-0.26%	5.00%
10	9b	0.190	0.190	0.000	-0.05%	1.00%
10	10b	0.190	0.190	0.000	0.05%	1.00%
20	1c	0.190	0.190	0.000	0.05%	1.00%
20	2c	0.190	0.190	0.000	-0.05%	1.00%
20	3c	0.190	0.190	0.000	0.00%	0.00%
20	4c	0.190	0.190	0.000	0.00%	0.00%
20	5c	0.190	0.190	0.000	0.05%	1.00%
20	6c	0.190	0.190	0.000	-0.05%	1.00%
20	7c	0.190	0.190	0.000	-0.05%	1.00%
20	8c	0.190	0.190	0.000	-0.05%	1.00%
20	9c	0.190	0.190	0.000	-0.16%	3.00%
20	10c	0.190	0.190	0.000	0.00%	0.00%
30	1d	0.190	0.190	0.000	0.05%	1.00%
30	2d	0.190	0.190	0.000	-0.11%	2.00%
30	3d	0.190	0.190	0.000	-0.26%	5.00%
30	4d	0.190	0.190	0.000	-0.26%	5.00%
30	5d	0.190	0.190	0.000	-0.16%	3.00%
30	6d	0.190	0.190	0.000	-0.21%	4.00%
30	7d	0.190	0.190	0.000	-0.21%	4.00%
30	8d	0.190	0.190	0.000	-0.21%	4.00%
30	9d	0.190	0.190	0.000	-0.26%	5.00%
30	10d	0.190	0.190	0.000	-0.11%	2.00%
	Max	0.190	0.190	0.000	0.16%	5.00%
	Average	0.190	0.190	0.000	-0.08%	2.03%
	Min	0.190	0.190	0.000	-0.26%	0.00%
	Std Dev	0.000	0.000	0.000	0.12%	1.73%



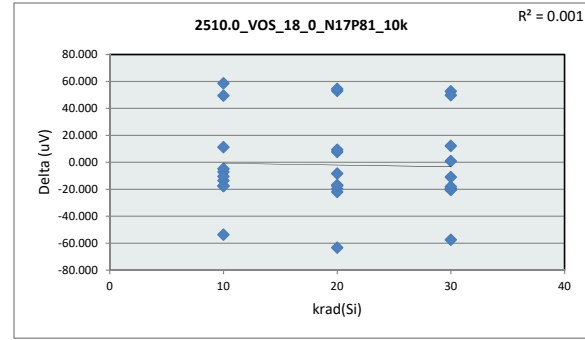
2503.0_VOUT_18_0_N17P81			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.195	V	
Min Limit	0.185	V	
	krad(Si)	10	20
LL		0.185	0.185
Min		0.190	0.190
Average		0.190	0.190
Max		0.190	0.190
UL		0.195	0.195



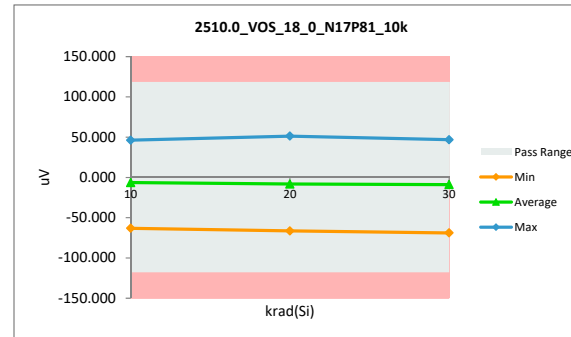
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2510.0_VOS_18_0_N17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	15.500	8.320	-7.180	-46.32%	3.04%
10	2b	15.490	26.690	11.200	72.30%	4.75%
10	3b	-28.740	29.820	58.560	-203.76%	24.81%
10	4b	10.260	-43.520	-53.780	-524.17%	22.79%
10	5b	-49.490	-63.150	-13.660	27.60%	5.79%
10	6b	-3.110	46.290	49.400	-1588.42%	20.93%
10	7b	-47.710	-52.520	-4.810	10.08%	2.04%
10	8b	14.410	-3.180	-17.590	-122.07%	7.45%
10	9b	14.690	-2.920	-17.610	-119.88%	7.46%
10	10b	0.810	-9.740	-10.550	-1302.47%	4.47%
20	1c	15.500	23.150	7.650	49.35%	3.24%
20	2c	15.490	24.830	9.340	60.30%	3.96%
20	3c	-28.740	24.260	53.000	-184.41%	22.46%
20	4c	10.260	-53.070	-63.330	-617.25%	26.83%
20	5c	-49.490	-66.460	-16.970	34.29%	7.19%
20	6c	-3.110	51.310	54.420	-1749.84%	23.06%
20	7c	-47.710	-56.160	-8.450	17.71%	3.58%
20	8c	14.410	-5.400	-19.810	-137.47%	8.39%
20	9c	14.690	-7.330	-22.020	-149.90%	9.33%
20	10c	0.810	-16.650	-17.460	-2155.56%	7.40%
30	1d	15.500	27.660	12.160	78.45%	5.15%
30	2d	15.490	16.390	0.900	5.81%	0.38%
30	3d	-28.740	23.940	52.680	-183.30%	22.32%
30	4d	10.260	-47.280	-57.540	-560.82%	24.38%
30	5d	-49.490	-68.910	-19.420	39.24%	8.23%
30	6d	-3.110	46.730	49.840	-1602.57%	21.12%
30	7d	-47.710	-58.770	-11.060	23.18%	4.69%
30	8d	14.410	-6.110	-20.520	-142.40%	8.69%
30	9d	14.690	-5.560	-20.250	-137.85%	8.58%
30	10d	0.810	-17.370	-18.180	-2244.44%	7.70%
Max		15.500	51.310	58.560	78.45%	26.83%
Average		-5.789	-7.824	-2.035	-445.15%	11.01%
Min		-49.490	-68.910	-63.330	-2244.44%	0.38%
Std Dev		25.398	37.348	33.012	714.44%	8.43%



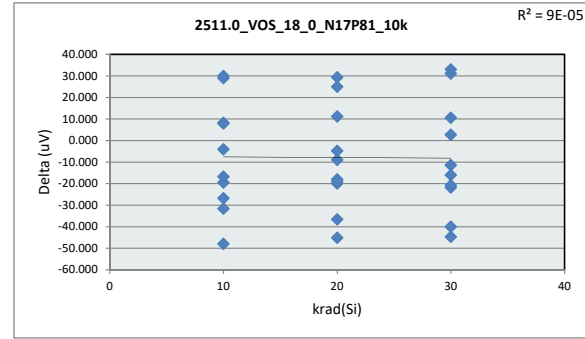
2510.0_VOS_18_0_N17P81_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	118	uV	
Min Limit	-118	uV	
krad(Si)	10	20	30
LL	-118.000	-118.000	-118.000
Min	-63.150	-66.460	-68.910
Average	-6.391	-8.152	-8.928
Max	46.290	51.310	46.730
UL	118.000	118.000	118.000



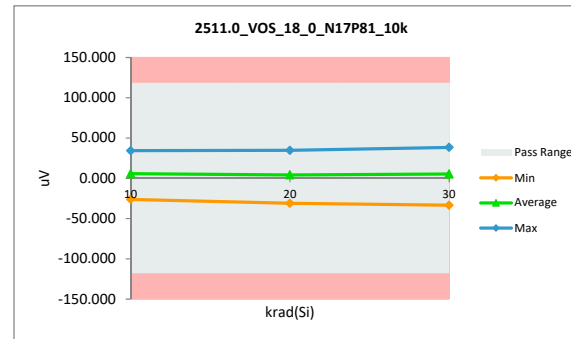
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2511.0_VOS_18_0_N17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	41.260	-6.710	-47.970	-116.26%	20.33%
10	2b	20.900	29.080	8.180	39.14%	3.47%
10	3b	21.240	1.690	-19.550	-92.04%	8.28%
10	4b	30.620	-1.010	-31.630	-103.30%	13.40%
10	5b	-22.070	-26.140	-4.070	18.44%	1.72%
10	6b	26.260	9.520	-16.740	-63.75%	7.09%
10	7b	4.080	11.990	7.910	193.87%	3.35%
10	8b	21.850	-4.930	-26.780	-122.56%	11.35%
10	9b	-20.240	9.730	29.970	-148.07%	12.70%
10	10b	5.370	34.360	28.990	539.85%	12.28%
20	1c	41.260	-3.870	-45.130	-109.38%	19.12%
20	2c	20.900	32.030	11.130	53.25%	4.72%
20	3c	21.240	3.170	-18.070	-85.08%	7.66%
20	4c	30.620	-5.960	-36.580	-119.46%	15.50%
20	5c	-22.070	-31.020	-8.950	40.55%	3.79%
20	6c	26.260	6.320	-19.940	-75.93%	8.45%
20	7c	4.080	-0.730	-4.810	-117.89%	2.04%
20	8c	21.850	2.870	-18.980	-86.86%	8.04%
20	9c	-20.240	4.690	24.930	-123.17%	10.56%
20	10c	5.370	34.730	29.360	546.74%	12.44%
30	1d	41.260	-3.450	-44.710	-108.36%	18.94%
30	2d	20.900	31.430	10.530	50.38%	4.46%
30	3d	21.240	-0.570	-21.810	-102.68%	9.24%
30	4d	30.620	-9.370	-39.990	-130.60%	16.94%
30	5d	-22.070	-33.480	-11.410	51.70%	4.83%
30	6d	26.260	5.480	-20.780	-79.13%	8.81%
30	7d	4.080	6.770	2.690	65.93%	1.14%
30	8d	21.850	5.790	-16.060	-73.50%	6.81%
30	9d	-20.240	10.820	31.060	-153.46%	13.16%
30	10d	5.370	38.360	32.990	614.34%	13.98%
	Max	41.260	38.360	32.990	614.34%	20.33%
	Average	12.927	5.053	-7.874	6.76%	9.49%
	Min	-22.070	-33.480	-47.970	-153.46%	1.14%
	Std Dev	20.255	18.174	24.873	207.11%	5.43%



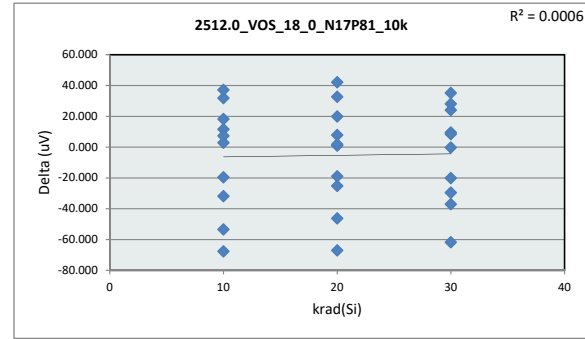
2511.0_VOS_18_0_N17P81_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	118	uV	
Min Limit	-118	uV	
krad(Si)	10	20	30
LL	-118.000	-118.000	-118.000
Min	-26.140	-31.020	-33.480
Average	5.758	4.223	5.178
Max	34.360	34.730	38.360
UL	118.000	118.000	118.000



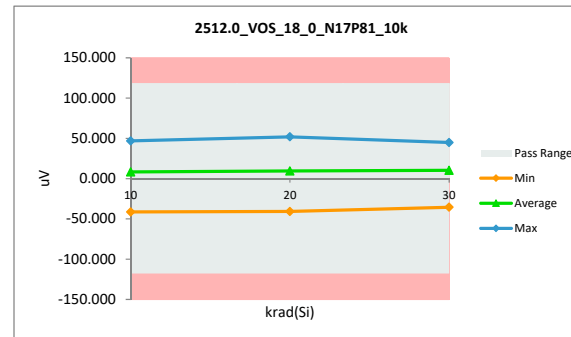
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2512.0_VOS_18_0_N17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	33.910	1.970	-31.940	-94.19%	13.53%
10	2b	-15.230	16.610	31.840	-209.06%	13.49%
10	3b	6.490	18.010	11.520	177.50%	4.88%
10	4b	9.790	46.870	37.080	378.75%	15.71%
10	5b	1.700	4.520	2.820	165.88%	1.19%
10	6b	0.330	7.630	7.300	2212.12%	3.09%
10	7b	26.300	-41.420	-67.720	-257.49%	28.69%
10	8b	41.500	-11.970	-53.470	-128.84%	22.66%
10	9b	8.490	26.710	18.220	214.61%	7.72%
10	10b	33.330	13.700	-19.630	-58.90%	8.32%
20	1c	33.910	8.650	-25.260	-74.49%	10.70%
20	2c	-15.230	17.350	32.580	-213.92%	13.81%
20	3c	6.490	7.480	0.990	15.25%	0.42%
20	4c	9.790	51.880	42.090	429.93%	17.83%
20	5c	1.700	3.450	1.750	102.94%	0.74%
20	6c	0.330	8.160	7.830	2372.73%	3.32%
20	7c	26.300	-40.830	-67.130	-255.25%	28.44%
20	8c	41.500	-4.810	-46.310	-111.59%	19.62%
20	9c	8.490	28.390	19.900	234.39%	8.43%
20	10c	33.330	14.300	-19.030	-57.10%	8.06%
30	1d	33.910	4.310	-29.600	-87.29%	12.54%
30	2d	-15.230	8.820	24.050	-157.91%	10.19%
30	3d	6.490	15.940	9.450	145.61%	4.00%
30	4d	9.790	44.880	35.090	358.43%	14.87%
30	5d	1.700	1.410	-0.290	-17.06%	0.12%
30	6d	0.330	8.750	8.420	2551.52%	3.57%
30	7d	26.300	-35.550	-61.850	-235.17%	26.21%
30	8d	41.500	4.380	-37.120	-89.45%	15.73%
30	9d	8.490	36.520	28.030	330.15%	11.88%
30	10d	33.330	13.200	-20.130	-60.40%	8.53%
	Max	41.500	51.880	42.090	2551.52%	28.69%
	Average	14.661	9.310	-5.351	252.72%	11.28%
	Min	-15.230	-41.420	-67.720	-257.49%	0.12%
	Std Dev	17.529	22.109	32.744	748.47%	8.14%



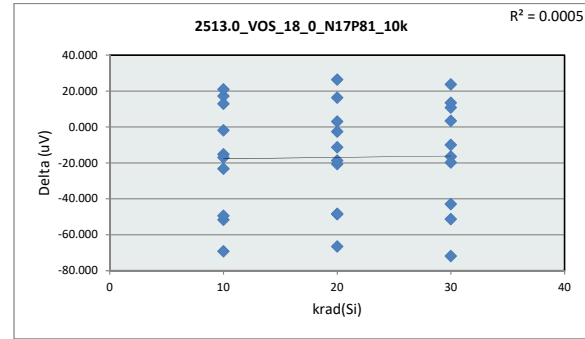
2512.0_VOS_18_0_N17P81_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	118	uV	
Min Limit	-118	uV	
krad(Si)	10	20	30
LL	-118.000	-118.000	-118.000
Min	-41.420	-40.830	-35.550
Average	8.263	9.402	10.266
Max	46.870	51.880	44.880
UL	118.000	118.000	118.000



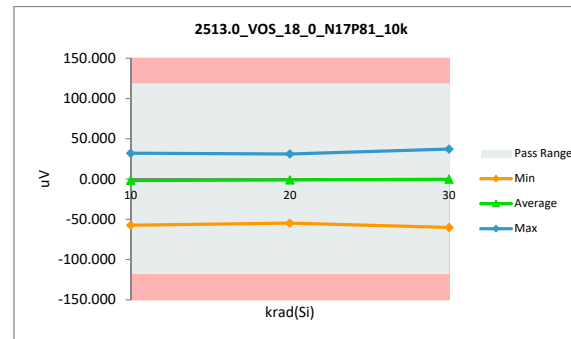
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2513.0_VOS_18_0_N17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	2.430	-12.820	-15.250	-627.57%	6.46%
10	2b	14.570	-8.650	-23.220	-159.37%	9.84%
10	3b	26.730	9.740	-16.990	-63.56%	7.20%
10	4b	-9.440	7.780	17.220	-182.42%	7.30%
10	5b	33.780	31.910	-1.870	-5.54%	0.79%
10	6b	6.790	19.750	12.960	190.87%	5.49%
10	7b	4.200	25.180	20.980	499.52%	8.89%
10	8b	11.740	-57.480	-69.220	-589.61%	29.33%
10	9b	19.840	-31.770	-51.610	-260.13%	21.87%
10	10b	47.740	-1.670	-49.410	-103.50%	20.94%
20	1c	2.430	-8.880	-11.310	-465.43%	4.79%
20	2c	14.570	-6.070	-20.640	-141.66%	8.75%
20	3c	26.730	8.090	-18.640	-69.73%	7.90%
20	4c	-9.440	-6.380	3.060	-32.42%	1.30%
20	5c	33.780	31.180	-2.600	-7.70%	1.10%
20	6c	6.790	23.140	16.350	240.80%	6.93%
20	7c	4.200	30.610	26.410	628.81%	11.19%
20	8c	11.740	-54.760	-66.500	-566.44%	28.18%
20	9c	19.840	-28.680	-48.520	-244.56%	20.56%
20	10c	47.740	-0.580	-48.320	-101.21%	20.47%
30	1d	2.430	-14.000	-16.430	-676.13%	6.96%
30	2d	14.570	-5.180	-19.750	-135.55%	8.37%
30	3d	26.730	16.770	-9.960	-37.26%	4.22%
30	4d	-9.440	1.380	10.820	-114.62%	4.58%
30	5d	33.780	37.220	3.440	10.18%	1.46%
30	6d	6.790	20.240	13.450	198.09%	5.70%
30	7d	4.200	27.900	23.700	564.29%	10.04%
30	8d	11.740	-60.130	-71.870	-612.18%	30.45%
30	9d	19.840	-31.460	-51.300	-258.57%	21.74%
30	10d	47.740	4.800	-42.940	-89.95%	18.19%
Max		47.740	37.220	26.410	628.81%	30.45%
Average		15.838	-1.094	-16.932	-107.08%	11.37%
Min		-9.440	-60.130	-71.870	-676.13%	0.79%
Std Dev		16.174	26.854	29.670	332.65%	8.81%



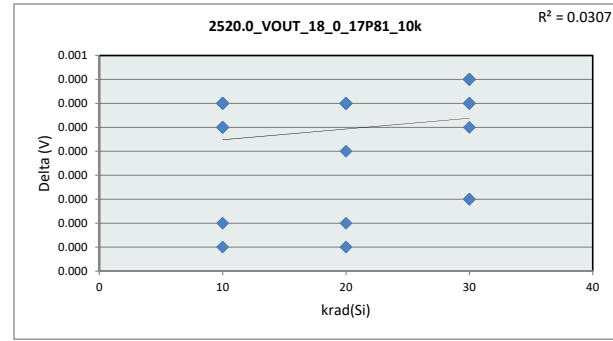
2513.0_VOS_18_0_N17P81_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	118	uV	
Min Limit	-118	uV	
krad(Si)	10	20	30
LL	-118.000	-118.000	-118.000
Min	-57.480	-54.760	-60.130
Average	-1.803	-1.233	-0.246
Max	31.910	31.180	37.220
UL	118.000	118.000	118.000



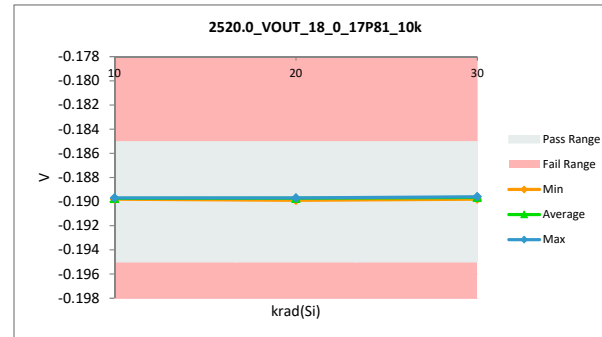
LDR TID Report  
OPA4H014-SEP

2520.0_VOUT_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.185	-0.185
Min Limit	-0.195	-0.195

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.190	-0.190	0.000	-0.16%	3.00%
10	2b	-0.190	-0.190	0.000	-0.16%	3.00%
10	3b	-0.190	-0.190	0.000	-0.16%	3.00%
10	4b	-0.190	-0.190	0.000	-0.11%	2.00%
10	5b	-0.190	-0.190	0.000	-0.16%	3.00%
10	6b	-0.190	-0.190	0.000	0.11%	2.00%
10	7b	-0.190	-0.190	0.000	-0.16%	3.00%
10	8b	-0.190	-0.190	0.000	0.16%	3.00%
10	9b	-0.190	-0.190	0.000	-0.11%	2.00%
10	10b	-0.190	-0.190	0.000	-0.11%	2.00%
20	1c	-0.190	-0.190	0.000	-0.05%	1.00%
20	2c	-0.190	-0.190	0.000	-0.16%	3.00%
20	3c	-0.190	-0.190	0.000	-0.16%	3.00%
20	4c	-0.190	-0.190	0.000	-0.16%	3.00%
20	5c	-0.190	-0.190	0.000	-0.16%	3.00%
20	6c	-0.190	-0.190	0.000	0.11%	2.00%
20	7c	-0.190	-0.190	0.000	-0.16%	3.00%
20	8c	-0.190	-0.190	0.000	0.16%	3.00%
20	9c	-0.190	-0.190	0.000	-0.16%	3.00%
20	10c	-0.190	-0.190	0.000	-0.16%	3.00%
30	1d	-0.190	-0.190	0.000	-0.11%	2.00%
30	2d	-0.190	-0.190	0.000	-0.21%	4.00%
30	3d	-0.190	-0.190	0.000	-0.21%	4.00%
30	4d	-0.190	-0.190	0.000	-0.21%	4.00%
30	5d	-0.190	-0.190	0.000	-0.16%	3.00%
30	6d	-0.190	-0.190	0.000	0.05%	1.00%
30	7d	-0.190	-0.190	0.000	-0.16%	3.00%
30	8d	-0.190	-0.190	0.000	0.05%	1.00%
30	9d	-0.190	-0.190	0.000	-0.21%	4.00%
30	10d	-0.190	-0.190	0.000	-0.16%	3.00%
	Max	-0.190	-0.190	0.000	0.16%	4.00%
	Average	-0.190	-0.190	0.000	-0.10%	2.73%
	Min	-0.190	-0.190	0.000	-0.21%	1.00%
	Std Dev	0.000	0.000	0.000	0.11%	0.83%



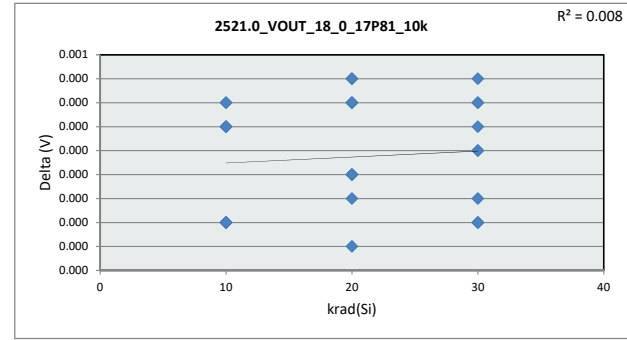
2520.0_VOUT_18_0_17P81_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.185	V	
Min Limit	-0.195	V	
	krad(Si)	10	20
LL		-0.195	-0.195
Min		-0.190	-0.190
Average		-0.190	-0.190
Max		-0.190	-0.190
UL		-0.185	-0.185



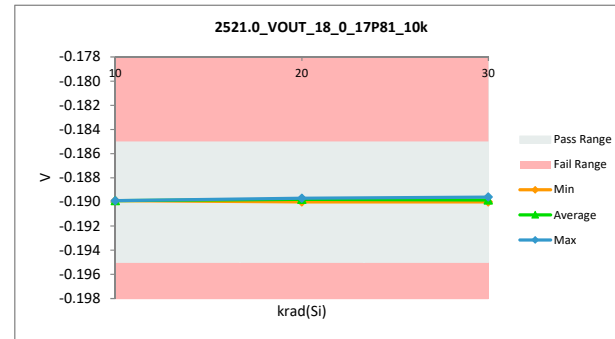
LDR TID Report  
OPA4H014-SEP

2521.0_VOUT_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.185	-0.185
Min Limit	-0.195	-0.195

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.190	-0.190	0.000	0.11%	2.00%
10	2b	-0.190	-0.190	0.000	0.11%	2.00%
10	3b	-0.190	-0.190	0.000	0.11%	2.00%
10	4b	-0.190	-0.190	0.000	-0.11%	2.00%
10	5b	-0.190	-0.190	0.000	0.11%	2.00%
10	6b	-0.190	-0.190	0.000	-0.16%	3.00%
10	7b	-0.190	-0.190	0.000	-0.11%	2.00%
10	8b	-0.190	-0.190	0.000	-0.16%	3.00%
10	9b	-0.190	-0.190	0.000	-0.11%	2.00%
10	10b	-0.190	-0.190	0.000	0.11%	2.00%
20	1c	-0.190	-0.190	0.000	0.16%	3.00%
20	2c	-0.190	-0.190	0.000	0.00%	0.00%
20	3c	-0.190	-0.190	0.000	0.00%	0.00%
20	4c	-0.190	-0.190	0.000	-0.16%	3.00%
20	5c	-0.190	-0.190	0.000	0.00%	0.00%
20	6c	-0.190	-0.190	0.000	-0.21%	4.00%
20	7c	-0.190	-0.190	0.000	-0.16%	3.00%
20	8c	-0.190	-0.190	0.000	-0.21%	4.00%
20	9c	-0.190	-0.190	0.000	-0.16%	3.00%
20	10c	-0.190	-0.190	0.000	0.05%	1.00%
30	1d	-0.190	-0.190	0.000	-0.05%	1.00%
30	2d	-0.190	-0.190	0.000	0.11%	2.00%
30	3d	-0.190	-0.190	0.000	0.05%	1.00%
30	4d	-0.190	-0.190	0.000	-0.11%	2.00%
30	5d	-0.190	-0.190	0.000	0.11%	2.00%
30	6d	-0.190	-0.190	0.000	-0.21%	4.00%
30	7d	-0.190	-0.190	0.000	-0.05%	1.00%
30	8d	-0.190	-0.190	0.000	-0.16%	3.00%
30	9d	-0.190	-0.190	0.000	-0.16%	3.00%
30	10d	-0.190	-0.190	0.000	0.11%	2.00%
	Max	-0.190	-0.190	0.000	0.16%	4.00%
	Average	-0.190	-0.190	0.000	-0.04%	2.13%
	Min	-0.190	-0.190	0.000	-0.21%	0.00%
	Std Dev	0.000	0.000	0.000	0.12%	1.11%



2521.0_VOUT_18_0_17P81_10k				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	-0.185	V		
Min Limit	-0.195	V		
	krad(Si)	10	20	30
LL		-0.195	-0.195	-0.195
Min		-0.190	-0.190	-0.190
Average		-0.190	-0.190	-0.190
Max		-0.190	-0.190	-0.190
UL		-0.185	-0.185	-0.185

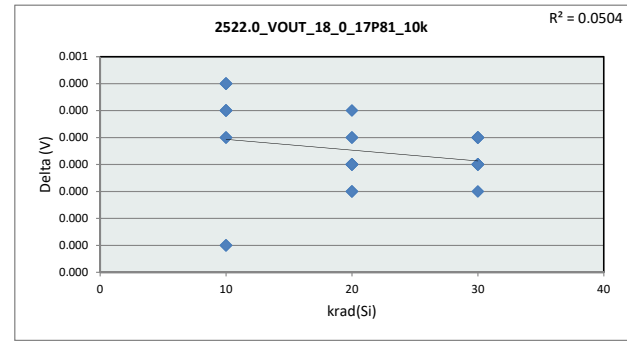




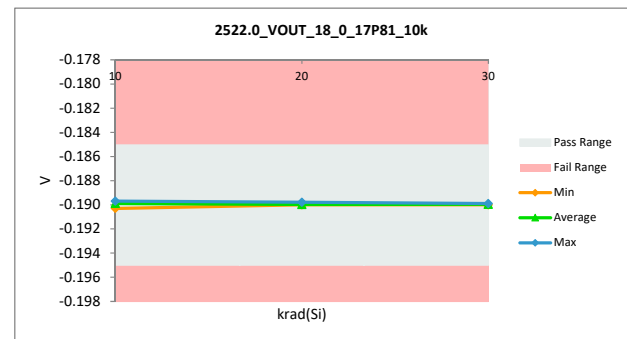
# LDR TID Report OPA4H014-SEP

2522.0_VOUT_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.185	-0.185
Min Limit	-0.195	-0.195

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.190	-0.190	0.000	-0.16%	3.00%
10	2b	-0.190	-0.190	0.000	-0.11%	2.00%
10	3b	-0.190	-0.190	0.000	0.11%	2.00%
10	4b	-0.190	-0.190	0.000	-0.21%	4.00%
10	5b	-0.190	-0.190	0.000	-0.16%	3.00%
10	6b	-0.190	-0.190	0.000	-0.21%	4.00%
10	7b	-0.190	-0.190	0.000	0.11%	2.00%
10	8b	-0.190	-0.190	0.000	-0.16%	3.00%
10	9b	-0.190	-0.190	0.000	-0.11%	2.00%
10	10b	-0.190	-0.190	0.000	-0.21%	4.00%
20	1c	-0.190	-0.190	0.000	-0.16%	3.00%
20	2c	-0.190	-0.190	0.000	0.00%	0.00%
20	3c	-0.190	-0.190	0.000	-0.05%	1.00%
20	4c	-0.190	-0.190	0.000	-0.11%	2.00%
20	5c	-0.190	-0.190	0.000	-0.05%	1.00%
20	6c	-0.190	-0.190	0.000	-0.11%	2.00%
20	7c	-0.190	-0.190	0.000	-0.05%	1.00%
20	8c	-0.190	-0.190	0.000	-0.05%	1.00%
20	9c	-0.190	-0.190	0.000	0.00%	0.00%
20	10c	-0.190	-0.190	0.000	-0.05%	1.00%
30	1d	-0.190	-0.190	0.000	-0.11%	2.00%
30	2d	-0.190	-0.190	0.000	0.00%	0.00%
30	3d	-0.190	-0.190	0.000	-0.05%	1.00%
30	4d	-0.190	-0.190	0.000	-0.11%	2.00%
30	5d	-0.190	-0.190	0.000	-0.05%	1.00%
30	6d	-0.190	-0.190	0.000	-0.11%	2.00%
30	7d	-0.190	-0.190	0.000	-0.05%	1.00%
30	8d	-0.190	-0.190	0.000	-0.05%	1.00%
30	9d	-0.190	-0.190	0.000	-0.05%	1.00%
30	10d	-0.190	-0.190	0.000	-0.11%	2.00%
	Max	-0.190	-0.190	0.000	0.11%	4.00%
	Average	-0.190	-0.190	0.000	-0.08%	1.80%
	Min	-0.190	-0.190	0.000	-0.21%	0.00%
	Std Dev	0.000	0.000	0.000	0.08%	1.13%



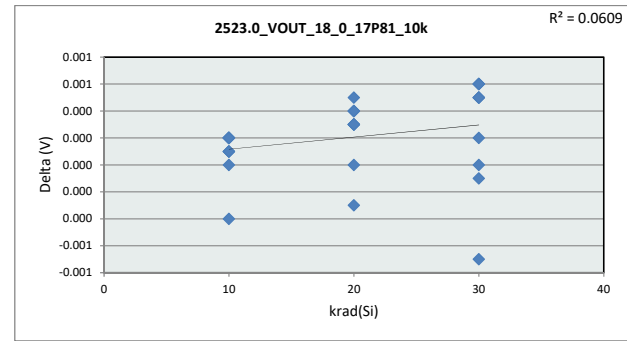
2522.0_VOUT_18_0_17P81_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.185	V	
Min Limit	-0.195	V	
	krad(Si)	10	20
LL		-0.195	-0.195
Min		-0.190	-0.190
Average		-0.190	-0.190
Max		-0.190	-0.190
UL		-0.185	-0.185



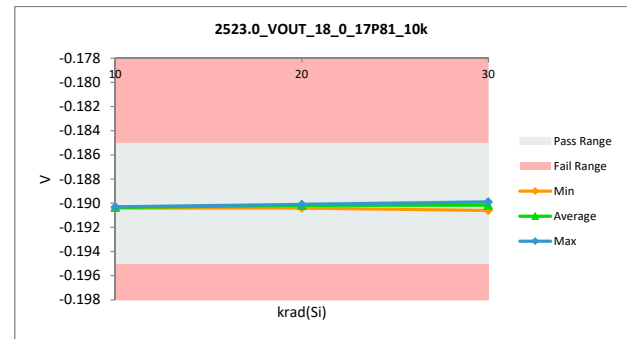
# LDR TID Report OPA4H014-SEP

2523.0_VOUT_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.185	-0.185
Min Limit	-0.195	-0.195

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.190	-0.190	0.000	0.00%	0.00%
10	2b	-0.191	-0.190	0.000	-0.10%	2.00%
10	3b	-0.190	-0.190	0.000	0.21%	4.00%
10	4b	-0.191	-0.190	0.000	-0.10%	2.00%
10	5b	-0.191	-0.190	0.000	-0.05%	1.00%
10	6b	-0.191	-0.190	0.000	-0.10%	2.00%
10	7b	-0.191	-0.190	0.000	-0.05%	1.00%
10	8b	-0.191	-0.190	0.000	-0.10%	2.00%
10	9b	-0.191	-0.190	0.000	-0.05%	1.00%
10	10b	-0.191	-0.190	0.000	-0.10%	2.00%
20	1c	-0.190	-0.190	0.000	0.00%	0.00%
20	2c	-0.191	-0.190	0.000	-0.21%	4.00%
20	3c	-0.190	-0.190	0.000	0.16%	3.00%
20	4c	-0.191	-0.190	0.000	-0.16%	3.00%
20	5c	-0.191	-0.190	0.000	-0.21%	4.00%
20	6c	-0.191	-0.190	0.000	-0.21%	4.00%
20	7c	-0.191	-0.190	0.000	-0.16%	3.00%
20	8c	-0.191	-0.190	0.000	-0.26%	5.00%
20	9c	-0.191	-0.190	0.000	-0.16%	3.00%
20	10c	-0.191	-0.190	0.000	-0.16%	3.00%
30	1d	-0.190	-0.190	0.000	-0.11%	2.00%
30	2d	-0.191	-0.190	0.001	-0.31%	6.00%
30	3d	-0.190	-0.191	-0.001	0.37%	7.00%
30	4d	-0.191	-0.191	0.000	0.00%	0.00%
30	5d	-0.191	-0.191	0.000	0.05%	1.00%
30	6d	-0.191	-0.190	0.001	-0.26%	5.00%
30	7d	-0.191	-0.190	0.001	-0.26%	5.00%
30	8d	-0.191	-0.190	0.001	-0.31%	6.00%
30	9d	-0.191	-0.190	0.001	-0.31%	6.00%
30	10d	-0.191	-0.190	0.001	-0.26%	5.00%
	Max	-0.190	-0.190	0.001	0.37%	7.00%
	Average	-0.190	-0.190	0.000	-0.11%	3.07%
	Min	-0.191	-0.191	-0.001	-0.31%	0.00%
	Std Dev	0.000	0.000	0.000	0.16%	1.96%



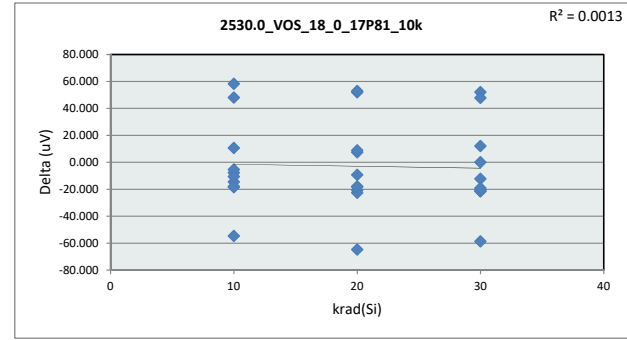
2523.0_VOUT_18_0_17P81_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.185	V	
Min Limit	-0.195	V	
krad(Si)	10	20	30
LL	-0.195	-0.195	-0.195
Min	-0.190	-0.190	-0.191
Average	-0.190	-0.190	-0.190
Max	-0.190	-0.190	-0.190
UL	-0.185	-0.185	-0.185



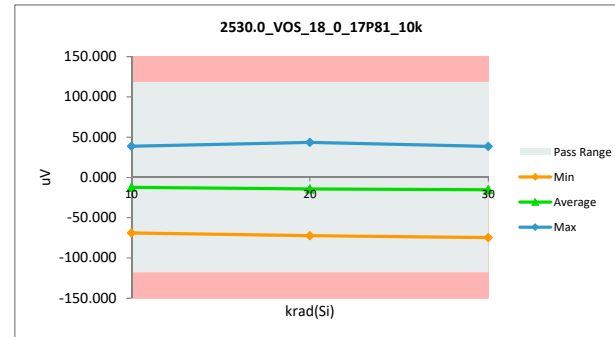
LDR TID Report  
OPA4H014-SEP

2530.0_VOS_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	10.080	2.250	-7.830	-77.68%	3.32%
10	2b	10.390	20.940	10.550	101.54%	4.47%
10	3b	-33.740	24.430	58.170	-172.41%	24.65%
10	4b	4.930	-49.810	-54.740	-1110.34%	23.19%
10	5b	-54.370	-68.950	-14.580	26.82%	6.18%
10	6b	-9.330	38.700	48.030	-514.79%	20.35%
10	7b	-52.680	-58.060	-5.380	10.21%	2.28%
10	8b	9.000	-9.460	-18.460	-205.11%	7.82%
10	9b	9.020	-9.000	-18.020	-199.78%	7.64%
10	10b	-4.520	-15.230	-10.710	236.95%	4.54%
20	1c	10.080	17.440	7.360	73.02%	3.12%
20	2c	10.390	19.270	8.880	85.47%	3.76%
20	3c	-33.740	18.230	51.970	-154.03%	22.02%
20	4c	4.930	-59.870	-64.800	-1314.40%	27.46%
20	5c	-54.370	-72.390	-18.020	33.14%	7.64%
20	6c	-9.330	43.490	52.820	-566.13%	22.38%
20	7c	-52.680	-62.020	-9.340	17.73%	3.96%
20	8c	9.000	-11.710	-20.710	-230.11%	8.78%
20	9c	9.020	-13.640	-22.660	-251.22%	9.60%
20	10c	-4.520	-22.760	-18.240	403.54%	7.73%
30	1d	10.080	22.110	12.030	119.35%	5.10%
30	2d	10.390	10.420	0.030	0.29%	0.01%
30	3d	-33.740	18.340	52.080	-154.36%	22.07%
30	4d	4.930	-53.760	-58.690	-1190.47%	24.87%
30	5d	-54.370	-74.770	-20.400	37.52%	8.64%
30	6d	-9.330	38.460	47.790	-512.22%	20.25%
30	7d	-52.680	-65.000	-12.320	23.39%	5.22%
30	8d	9.000	-12.590	-21.590	-239.89%	9.15%
30	9d	9.020	-12.350	-21.370	-236.92%	9.06%
30	10d	-4.520	-23.670	-19.150	423.67%	8.11%
	Max	10.390	43.490	58.170	423.67%	27.46%
	Average	-11.122	-14.032	-2.910	-184.57%	11.11%
	Min	-54.370	-74.770	-64.800	-1314.40%	0.01%
	Std Dev	25.195	37.158	33.000	416.82%	8.33%



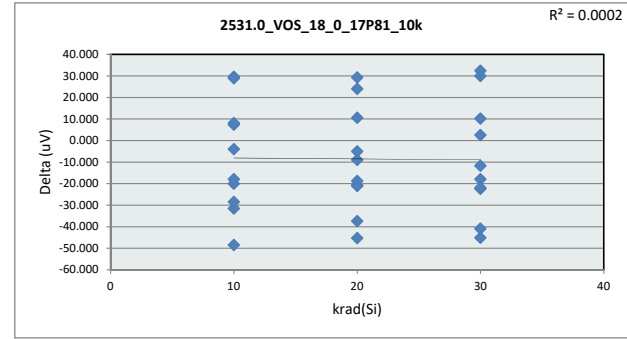
2530.0_VOS_18_0_17P81_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	118	uV	
Min Limit	-118	uV	
krad(Si)	10	20	30
LL	-118.000	-118.000	-118.000
Min	-68.950	-72.390	-74.770
Average	-12.419	-14.396	-15.281
Max	38.700	43.490	38.460
UL	118.000	118.000	118.000



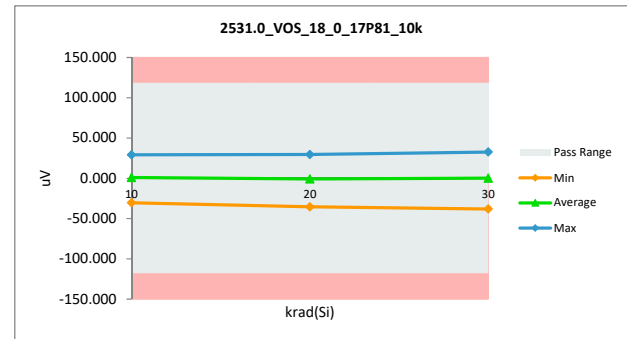
LDR TID Report  
OPA4H014-SEP

2531.0_VOS_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	37.450	-11.010	-48.460	-129.40%	20.53%
10	2b	17.030	24.380	7.350	43.16%	3.11%
10	3b	17.360	-2.710	-20.070	-115.61%	8.50%
10	4b	26.470	-5.050	-31.520	-119.08%	13.36%
10	5b	-26.380	-30.390	-4.010	15.20%	1.70%
10	6b	20.430	2.500	-17.930	-87.76%	7.60%
10	7b	-0.170	7.960	8.130	-4782.35%	3.44%
10	8b	17.650	-10.860	-28.510	-161.53%	12.08%
10	9b	-24.620	4.920	29.540	-119.98%	12.52%
10	10b	0.260	29.190	28.930	11126.92%	12.26%
20	1c	37.450	-7.860	-45.310	-120.99%	19.20%
20	2c	17.030	27.580	10.550	61.95%	4.47%
20	3c	17.360	-1.430	-18.790	-108.24%	7.96%
20	4c	26.470	-10.930	-37.400	-141.29%	15.85%
20	5c	-26.380	-35.370	-8.990	34.08%	3.81%
20	6c	20.430	-0.670	-21.100	-103.28%	8.94%
20	7c	-0.170	-5.190	-5.020	2952.94%	2.13%
20	8c	17.650	-2.970	-20.620	-116.83%	8.74%
20	9c	-24.620	-0.650	23.970	-97.36%	10.16%
20	10c	0.260	29.550	29.290	11265.38%	12.41%
30	1d	37.450	-7.720	-45.170	-120.61%	19.14%
30	2d	17.030	27.240	10.210	59.95%	4.33%
30	3d	17.360	-5.070	-22.430	-129.21%	9.50%
30	4d	26.470	-14.430	-40.900	-154.51%	17.33%
30	5d	-26.380	-38.120	-11.740	44.50%	4.97%
30	6d	20.430	-1.560	-21.990	-107.64%	9.32%
30	7d	-0.170	2.350	2.520	-1482.35%	1.07%
30	8d	17.650	-0.310	-17.960	-101.76%	7.61%
30	9d	-24.620	5.310	29.930	-121.57%	12.68%
30	10d	0.260	32.670	32.410	12465.38%	13.73%
	Max	37.450	32.670	32.410	12465.38%	20.53%
	Average	8.548	0.045	-8.503	988.27%	9.62%
	Min	-26.380	-38.120	-48.460	-4782.35%	1.07%
	Std Dev	20.329	18.035	24.981	3764.02%	5.46%



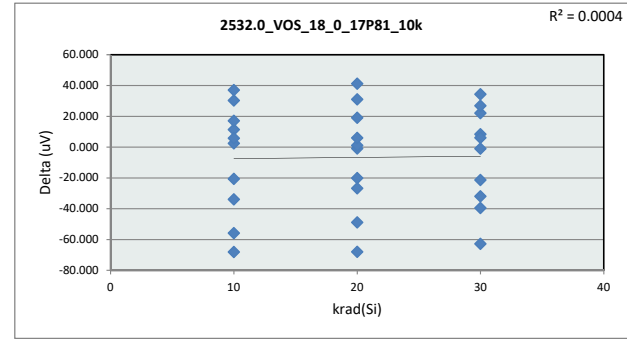
2531.0_VOS_18_0_17P81_10k				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	118	uV		
Min Limit	-118	uV		
	krad(Si)	10	20	30
LL		-118.000	-118.000	-118.000
Min		-30.390	-35.370	-38.120
Average		0.893	-0.794	0.036
Max		29.190	29.550	32.670
UL		118.000	118.000	118.000



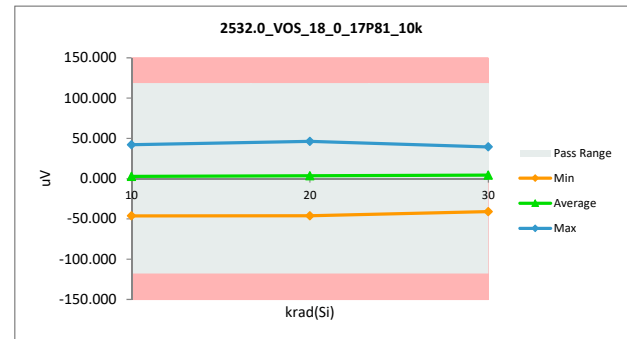
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2532.0_VOS_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	30.700	-3.300	-34.000	-110.75%	14.41%
10	2b	-19.210	11.000	30.210	-157.26%	12.80%
10	3b	2.320	13.600	11.280	486.21%	4.78%
10	4b	5.070	42.100	37.030	730.37%	15.69%
10	5b	-2.820	-0.420	2.400	-85.11%	1.02%
10	6b	-5.260	0.480	5.740	-109.13%	2.43%
10	7b	21.900	-46.250	-68.150	-311.19%	28.88%
10	8b	37.360	-18.570	-55.930	-149.71%	23.70%
10	9b	3.530	20.570	17.040	482.72%	7.22%
10	10b	28.520	7.800	-20.720	-72.65%	8.78%
20	1c	30.700	3.940	-26.760	-87.17%	11.34%
20	2c	-19.210	11.750	30.960	-161.17%	13.12%
20	3c	2.320	1.410	-0.910	-39.22%	0.39%
20	4c	5.070	46.260	41.190	812.43%	17.45%
20	5c	-2.820	-1.760	1.060	-37.59%	0.45%
20	6c	-5.260	0.670	5.930	-112.74%	2.51%
20	7c	21.900	-46.160	-68.060	-310.78%	28.84%
20	8c	37.360	-11.580	-48.940	-131.00%	20.74%
20	9c	3.530	22.530	19.000	538.24%	8.05%
20	10c	28.520	8.400	-20.120	-70.55%	8.53%
30	1d	30.700	-1.250	-31.950	-104.07%	13.54%
30	2d	-19.210	2.800	22.010	-114.58%	9.33%
30	3d	2.320	10.650	8.330	359.05%	3.53%
30	4d	5.070	39.400	34.330	677.12%	14.55%
30	5d	-2.820	-3.840	-1.020	36.17%	0.43%
30	6d	-5.260	0.820	6.080	-115.59%	2.58%
30	7d	21.900	-40.960	-62.860	-287.03%	26.64%
30	8d	37.360	-2.200	-39.560	-105.89%	16.76%
30	9d	3.530	30.370	26.840	760.34%	11.37%
30	10d	28.520	7.150	-21.370	-74.93%	9.06%
	Max	37.360	46.260	41.190	812.43%	28.88%
	Average	10.211	3.514	-6.697	71.15%	11.30%
	Min	-19.210	-46.250	-68.150	-311.19%	0.39%
	Std Dev	17.724	22.109	32.925	345.05%	8.42%



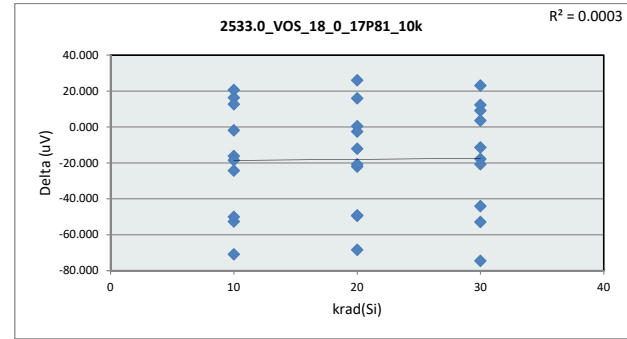
2532.0_VOS_18_0_17P81_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	118	uV	
Min Limit	-118	uV	
krad(Si)	10	20	30
LL	-118.000	-118.000	-118.000
Min	-46.250	-46.160	-40.960
Average	2.701	3.546	4.294
Max	42.100	46.260	39.400
UL	118.000	118.000	118.000



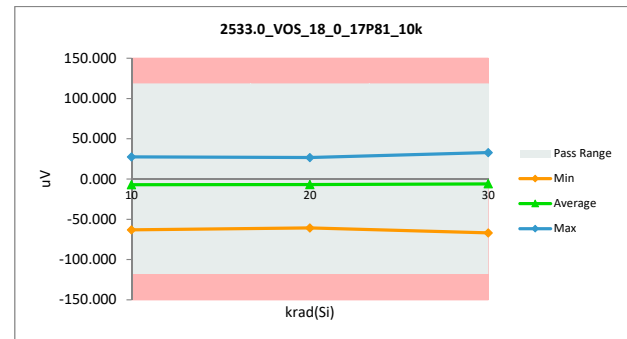
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2533.0_VOS_18_0_17P81_10k		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV	uV
Max Limit	118	118
Min Limit	-118	-118

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-1.400	-17.620	-16.220	1158.57%	6.87%
10	2b	10.050	-14.200	-24.250	-241.29%	10.28%
10	3b	22.930	4.430	-18.500	-80.68%	7.84%
10	4b	-13.230	3.060	16.290	-123.13%	6.90%
10	5b	29.240	27.430	-1.810	-6.19%	0.77%
10	6b	0.560	13.210	12.650	2258.93%	5.36%
10	7b	-0.460	20.140	20.600	-4478.26%	8.73%
10	8b	7.640	-63.270	-70.910	-928.14%	30.05%
10	9b	15.150	-37.460	-52.610	-347.26%	22.29%
10	10b	42.840	-7.150	-49.990	-116.69%	21.18%
20	1c	-1.400	-13.480	-12.080	862.86%	5.12%
20	2c	10.050	-12.030	-22.080	-219.70%	9.36%
20	3c	22.930	2.090	-20.840	-90.89%	8.83%
20	4c	-13.230	-12.750	0.480	-3.63%	0.20%
20	5c	29.240	26.640	-2.600	-8.89%	1.10%
20	6c	0.560	16.480	15.920	2842.86%	6.75%
20	7c	-0.460	25.590	26.050	-5663.04%	11.04%
20	8c	7.640	-60.750	-68.390	-895.16%	28.98%
20	9c	15.150	-34.220	-49.370	-325.87%	20.92%
20	10c	42.840	-6.430	-49.270	-115.01%	20.88%
30	1d	-1.400	-19.160	-17.760	1268.57%	7.53%
30	2d	10.050	-10.660	-20.710	-206.07%	8.78%
30	3d	22.930	11.580	-11.350	-49.50%	4.81%
30	4d	-13.230	-4.160	9.070	-68.56%	3.84%
30	5d	29.240	32.850	3.610	12.35%	1.53%
30	6d	0.560	12.860	12.300	2196.43%	5.21%
30	7d	-0.460	22.620	23.080	-5017.39%	9.78%
30	8d	7.640	-66.860	-74.500	-975.13%	31.57%
30	9d	15.150	-37.760	-52.910	-349.24%	22.42%
30	10d	42.840	-1.260	-44.100	-102.94%	18.69%
Max		42.840	32.850	26.050	2842.86%	31.57%
Average		11.332	-6.675	-18.007	-327.07%	11.59%
Min		-13.230	-66.860	-74.500	-5663.04%	0.20%
Std Dev		16.076	27.110	30.006	1847.47%	9.11%



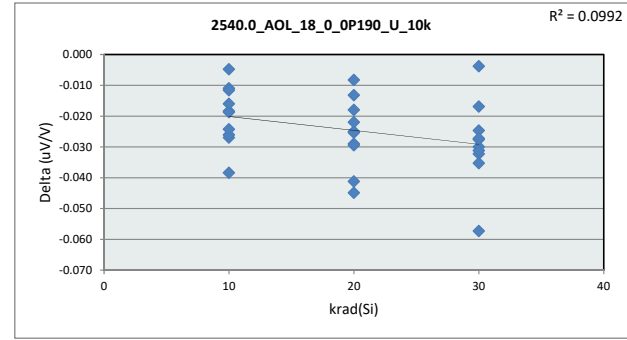
2533.0_VOS_18_0_17P81_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	118	uV	
Min Limit	-118	uV	
krad(Si)	10	20	30
LL	-118.000	-118.000	-118.000
Min	-63.270	-60.750	-66.860
Average	-7.143	-6.886	-5.995
Max	27.430	26.640	32.850
UL	118.000	118.000	118.000



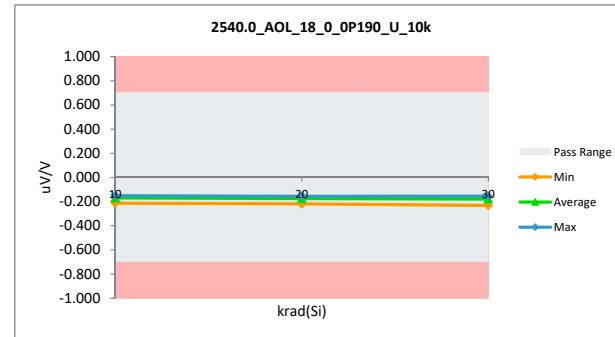
# LDR TID Report OPA4H014-SEP

2540.0_AOL_18_0_0P190_U_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.7	0.7
Min Limit	-0.7	-0.7

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.152	-0.170	-0.018	12.10%	1.31%
10	2b	-0.143	-0.162	-0.019	13.09%	1.34%
10	3b	-0.140	-0.151	-0.011	7.84%	0.79%
10	4b	-0.150	-0.177	-0.027	18.05%	1.93%
10	5b	-0.137	-0.163	-0.026	19.07%	1.86%
10	6b	-0.175	-0.213	-0.038	21.97%	2.74%
10	7b	-0.140	-0.155	-0.016	11.47%	1.14%
10	8b	-0.152	-0.176	-0.024	16.00%	1.74%
10	9b	-0.159	-0.171	-0.012	7.28%	0.83%
10	10b	-0.149	-0.154	-0.005	3.21%	0.34%
20	1c	-0.152	-0.160	-0.008	5.46%	0.59%
20	2c	-0.143	-0.156	-0.013	9.24%	0.94%
20	3c	-0.140	-0.169	-0.029	20.67%	2.07%
20	4c	-0.150	-0.191	-0.041	27.54%	2.94%
20	5c	-0.137	-0.166	-0.030	21.55%	2.11%
20	6c	-0.175	-0.220	-0.045	25.69%	3.21%
20	7c	-0.140	-0.164	-0.025	17.92%	1.79%
20	8c	-0.152	-0.177	-0.025	16.72%	1.81%
20	9c	-0.159	-0.177	-0.018	11.30%	1.29%
20	10c	-0.149	-0.171	-0.022	14.72%	1.57%
30	1d	-0.152	-0.156	-0.004	2.50%	0.27%
30	2d	-0.143	-0.168	-0.025	17.28%	1.76%
30	3d	-0.140	-0.157	-0.017	12.05%	1.21%
30	4d	-0.150	-0.182	-0.032	21.59%	2.31%
30	5d	-0.137	-0.164	-0.028	20.16%	1.97%
30	6d	-0.175	-0.232	-0.057	32.78%	4.09%
30	7d	-0.140	-0.175	-0.035	25.30%	2.52%
30	8d	-0.152	-0.182	-0.030	19.75%	2.14%
30	9d	-0.159	-0.191	-0.031	19.59%	2.23%
30	10d	-0.149	-0.177	-0.027	18.26%	1.95%
	Max	-0.137	-0.151	-0.004	32.78%	4.09%
	Average	-0.150	-0.174	-0.025	16.34%	1.76%
	Min	-0.175	-0.232	-0.057	2.50%	0.27%
	Std Dev	0.011	0.019	0.012	7.21%	0.85%



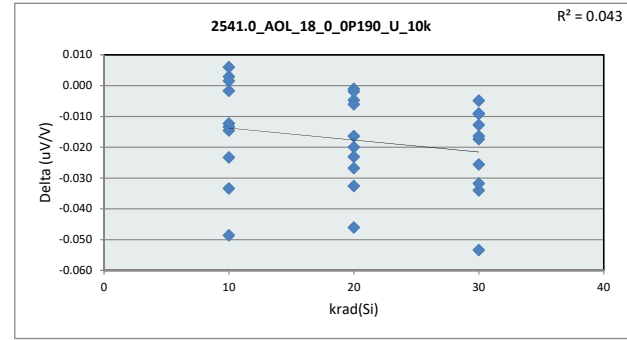
2540.0_AOL_18_0_0P190_U_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.7	uV/V	
Min Limit	-0.7	uV/V	
	krad(Si)	10	20
LL		-0.700	-0.700
Min		-0.213	-0.220
Average		-0.169	-0.175
Max		-0.151	-0.156
UL		0.700	0.700



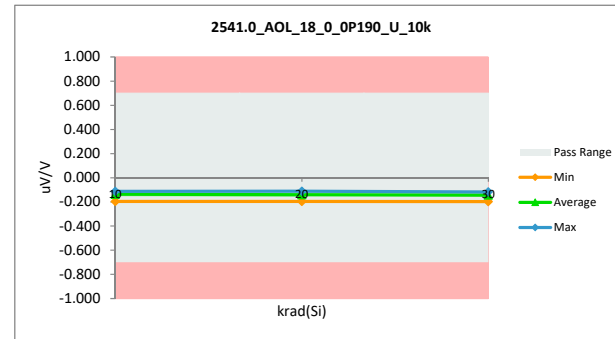
LDR TID Report  
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2541.0_AOL_18_0_0P190_U_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.7	0.7
Min Limit	-0.7	-0.7

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.107	-0.120	-0.013	12.51%	0.96%
10	2b	-0.109	-0.132	-0.023	21.45%	1.66%
10	3b	-0.109	-0.123	-0.015	13.41%	1.04%
10	4b	-0.116	-0.113	0.003	-2.49%	0.21%
10	5b	-0.121	-0.119	0.001	-1.24%	0.11%
10	6b	-0.164	-0.197	-0.033	20.42%	2.39%
10	7b	-0.119	-0.113	0.006	-5.03%	0.43%
10	8b	-0.118	-0.166	-0.049	41.29%	3.47%
10	9b	-0.123	-0.135	-0.012	10.01%	0.88%
10	10b	-0.143	-0.145	-0.002	1.19%	0.12%
20	1c	-0.107	-0.112	-0.005	4.39%	0.34%
20	2c	-0.109	-0.125	-0.016	15.10%	1.17%
20	3c	-0.109	-0.129	-0.020	18.37%	1.43%
20	4c	-0.116	-0.140	-0.023	19.85%	1.65%
20	5c	-0.121	-0.122	-0.001	0.91%	0.08%
20	6c	-0.164	-0.196	-0.033	19.93%	2.33%
20	7c	-0.119	-0.125	-0.006	5.11%	0.44%
20	8c	-0.118	-0.164	-0.046	39.17%	3.29%
20	9c	-0.123	-0.150	-0.027	21.81%	1.91%
20	10c	-0.143	-0.145	-0.002	1.32%	0.14%
30	1d	-0.107	-0.120	-0.013	11.95%	0.91%
30	2d	-0.109	-0.118	-0.009	8.38%	0.65%
30	3d	-0.109	-0.126	-0.017	15.98%	1.24%
30	4d	-0.116	-0.142	-0.026	21.99%	1.83%
30	5d	-0.121	-0.130	-0.009	7.61%	0.66%
30	6d	-0.164	-0.198	-0.034	20.78%	2.43%
30	7d	-0.119	-0.124	-0.005	4.11%	0.35%
30	8d	-0.118	-0.171	-0.053	45.37%	3.81%
30	9d	-0.123	-0.155	-0.032	25.87%	2.27%
30	10d	-0.143	-0.160	-0.016	11.44%	1.17%
	Max	-0.107	-0.112	0.006	45.37%	3.81%
	Average	-0.123	-0.141	-0.018	14.36%	1.31%
	Min	-0.164	-0.198	-0.053	-5.03%	0.08%
	Std Dev	0.017	0.025	0.016	12.59%	1.05%



2541.0_AOL_18_0_0P190_U_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.7	uV/V	
Min Limit	-0.7	uV/V	
	krad(Si)	10	20
LL		-0.700	-0.700
Min		-0.197	-0.196
Average		-0.137	-0.141
Max		-0.113	-0.112
UL		0.700	0.700

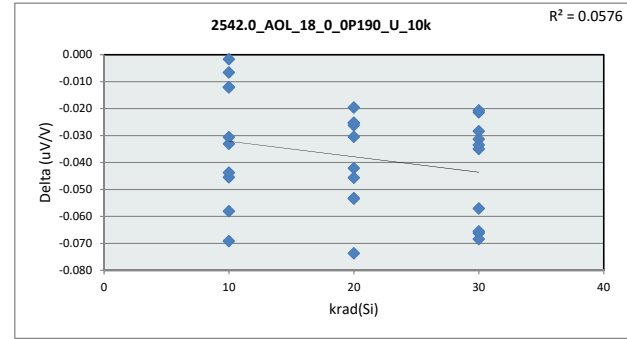




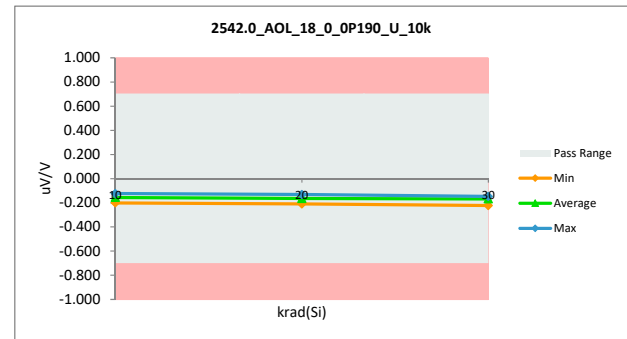
LDR TID Report  
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2542.0_AOL_18_0_0P190_U_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.7	0.7
Min Limit	-0.7	-0.7

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.090	-0.148	-0.058	64.56%	4.15%
10	2b	-0.112	-0.157	-0.045	40.70%	3.25%
10	3b	-0.117	-0.124	-0.007	5.64%	0.47%
10	4b	-0.132	-0.134	-0.002	1.28%	0.12%
10	5b	-0.127	-0.139	-0.012	9.55%	0.86%
10	6b	-0.157	-0.201	-0.044	27.90%	3.13%
10	7b	-0.123	-0.136	-0.012	9.80%	0.86%
10	8b	-0.116	-0.185	-0.069	59.50%	4.94%
10	9b	-0.139	-0.172	-0.033	23.76%	2.36%
10	10b	-0.135	-0.166	-0.031	22.65%	2.19%
20	1c	-0.090	-0.132	-0.042	46.78%	3.01%
20	2c	-0.112	-0.157	-0.046	40.88%	3.26%
20	3c	-0.117	-0.170	-0.053	45.56%	3.81%
20	4c	-0.132	-0.158	-0.025	19.09%	1.81%
20	5c	-0.127	-0.146	-0.020	15.47%	1.40%
20	6c	-0.157	-0.210	-0.053	34.01%	3.81%
20	7c	-0.123	-0.150	-0.026	21.21%	1.87%
20	8c	-0.116	-0.190	-0.074	63.37%	5.26%
20	9c	-0.139	-0.165	-0.025	18.16%	1.81%
20	10c	-0.135	-0.166	-0.030	22.58%	2.18%
30	1d	-0.090	-0.156	-0.066	73.56%	4.73%
30	2d	-0.112	-0.169	-0.057	51.07%	4.08%
30	3d	-0.117	-0.148	-0.031	26.84%	2.24%
30	4d	-0.132	-0.154	-0.021	16.15%	1.53%
30	5d	-0.127	-0.147	-0.021	16.34%	1.48%
30	6d	-0.157	-0.223	-0.066	41.78%	4.69%
30	7d	-0.123	-0.152	-0.028	23.00%	2.03%
30	8d	-0.116	-0.185	-0.068	58.81%	4.89%
30	9d	-0.139	-0.173	-0.034	24.05%	2.39%
30	10d	-0.135	-0.170	-0.035	25.91%	2.50%
	Max	-0.090	-0.124	-0.002	73.56%	5.26%
	Average	-0.125	-0.163	-0.038	31.66%	2.70%
	Min	-0.157	-0.223	-0.074	1.28%	0.12%
	Std Dev	0.017	0.023	0.020	19.13%	1.42%



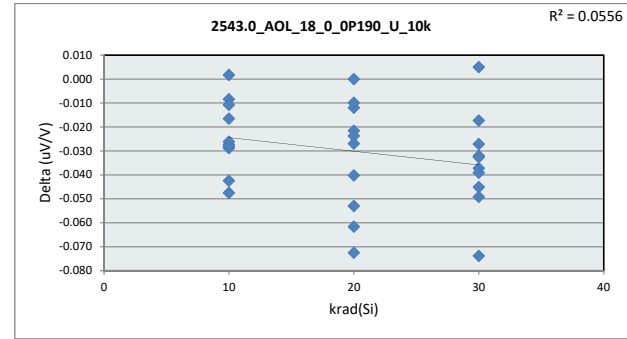
2542.0_AOL_18_0_0P190_U_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.7	uV/V	
Min Limit	-0.7	uV/V	
	krad(Si)	10	20
LL		-0.700	-0.700
Min		-0.201	-0.210
Average		-0.156	-0.164
Max		-0.124	-0.132
UL		0.700	0.700



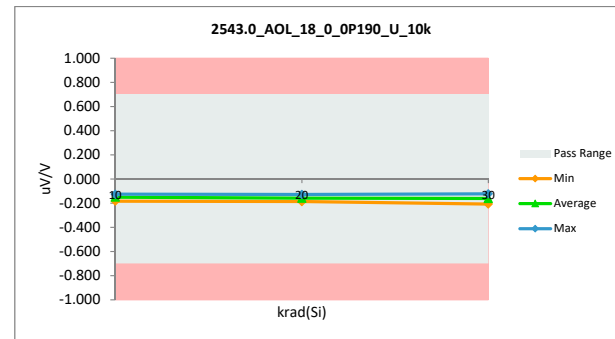
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2543.0_AOL_18_0_0P190_U_10		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.7	0.7
Min Limit	-0.7	-0.7

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.108	-0.135	-0.027	25.40%	1.95%
10	2b	-0.127	-0.156	-0.029	22.68%	2.06%
10	3b	-0.107	-0.149	-0.042	39.74%	3.03%
10	4b	-0.106	-0.132	-0.026	24.53%	1.86%
10	5b	-0.127	-0.126	0.002	-1.33%	0.12%
10	6b	-0.175	-0.183	-0.008	4.80%	0.60%
10	7b	-0.131	-0.142	-0.011	8.26%	0.77%
10	8b	-0.115	-0.163	-0.047	41.23%	3.39%
10	9b	-0.132	-0.160	-0.028	21.32%	2.01%
10	10b	-0.137	-0.154	-0.016	12.01%	1.18%
20	1c	-0.108	-0.129	-0.022	20.09%	1.54%
20	2c	-0.127	-0.167	-0.040	31.65%	2.87%
20	3c	-0.107	-0.168	-0.062	57.73%	4.40%
20	4c	-0.106	-0.179	-0.073	68.14%	5.18%
20	5c	-0.127	-0.127	0.000	0.00%	0.00%
20	6c	-0.175	-0.187	-0.012	6.86%	0.86%
20	7c	-0.131	-0.141	-0.010	7.57%	0.71%
20	8c	-0.115	-0.168	-0.053	46.01%	3.79%
20	9c	-0.132	-0.155	-0.024	17.98%	1.69%
20	10c	-0.137	-0.164	-0.027	19.58%	1.92%
30	1d	-0.108	-0.145	-0.037	34.60%	2.66%
30	2d	-0.127	-0.154	-0.027	21.34%	1.94%
30	3d	-0.107	-0.146	-0.039	36.64%	2.79%
30	4d	-0.106	-0.156	-0.049	46.24%	3.51%
30	5d	-0.127	-0.123	0.005	-3.92%	0.36%
30	6d	-0.175	-0.207	-0.032	18.34%	2.29%
30	7d	-0.131	-0.148	-0.017	13.23%	1.24%
30	8d	-0.115	-0.189	-0.074	64.06%	5.27%
30	9d	-0.132	-0.177	-0.045	34.22%	3.22%
30	10d	-0.137	-0.170	-0.033	23.73%	2.33%
	Max	-0.106	-0.123	0.005	68.14%	5.27%
	Average	-0.127	-0.157	-0.030	25.42%	2.18%
	Min	-0.175	-0.207	-0.074	-3.92%	0.00%
	Std Dev	0.020	0.021	0.020	18.71%	1.39%



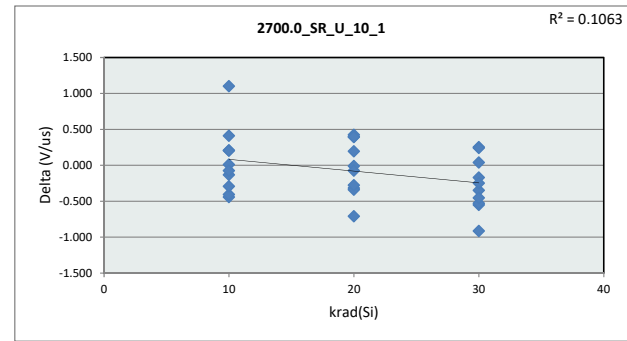
2543.0_AOL_18_0_0P190_U_10k			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.7	uV/V	
Min Limit	-0.7	uV/V	
	krad(Si)	10	20
LL		-0.700	-0.700
Min		-0.183	-0.187
Average		-0.150	-0.159
Max		-0.126	-0.128
UL		0.700	0.700



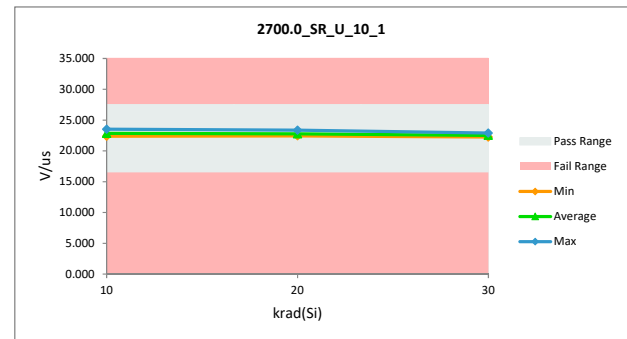
# LDR TID Report OPA4H014-SEP

2700.0_SR_U_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	22.827	23.034	0.207	0.91%	1.88%
10	2b	23.398	22.956	-0.442	-1.89%	4.02%
10	3b	22.338	22.749	0.411	1.84%	3.74%
10	4b	22.965	22.831	-0.134	-0.58%	1.22%
10	5b	22.774	22.367	-0.407	-1.79%	3.70%
10	6b	22.730	22.740	0.010	0.04%	0.09%
10	7b	22.680	22.606	-0.074	-0.33%	0.67%
10	8b	22.411	23.512	1.101	4.91%	10.01%
10	9b	22.835	22.542	-0.293	-1.28%	2.66%
10	10b	22.853	23.057	0.204	0.89%	1.85%
20	1c	22.827	22.510	-0.317	-1.39%	2.88%
20	2c	23.398	22.688	-0.710	-3.03%	6.45%
20	3c	22.338	22.762	0.424	1.90%	3.85%
20	4c	22.965	23.357	0.392	1.71%	3.56%
20	5c	22.774	22.435	-0.339	-1.49%	3.08%
20	6c	22.730	22.720	-0.010	-0.04%	0.09%
20	7c	22.680	22.604	-0.076	-0.34%	0.69%
20	8c	22.411	22.808	0.397	1.77%	3.61%
20	9c	22.835	22.558	-0.277	-1.21%	2.52%
20	10c	22.853	23.047	0.194	0.85%	1.76%
30	1d	22.827	22.275	-0.552	-2.42%	5.02%
30	2d	23.398	22.483	-0.915	-3.91%	8.32%
30	3d	22.338	22.590	0.252	1.13%	2.29%
30	4d	22.965	22.617	-0.348	-1.52%	3.16%
30	5d	22.774	22.244	-0.530	-2.33%	4.82%
30	6d	22.730	22.560	-0.170	-0.75%	1.55%
30	7d	22.680	22.431	-0.249	-1.10%	2.26%
30	8d	22.411	22.651	0.240	1.07%	2.18%
30	9d	22.835	22.381	-0.454	-1.99%	4.13%
30	10d	22.853	22.891	0.038	0.17%	0.35%
	Max	23.398	23.512	1.101	4.91%	10.01%
	Average	22.781	22.700	-0.081	-0.34%	3.08%
	Min	22.338	22.244	-0.915	-3.91%	0.09%
	Std Dev	0.282	0.295	0.417	1.83%	2.26%



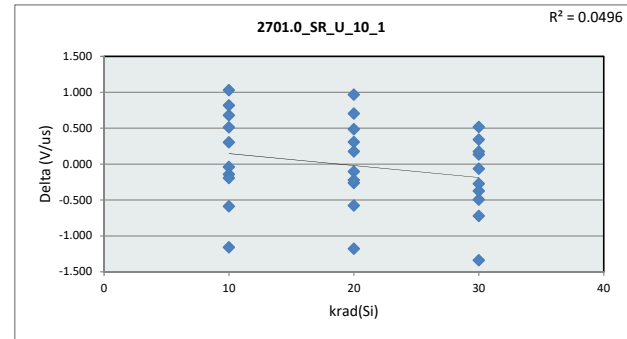
2700.0_SR_U_10_1				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	27.5	V/us		
Min Limit	16.5	V/us		
	krad(Si)	10	20	30
LL		16.500	16.500	16.500
Min		22.367	22.435	22.244
Average		22.839	22.749	22.512
Max		23.512	23.357	22.891
UL		27.500	27.500	27.500



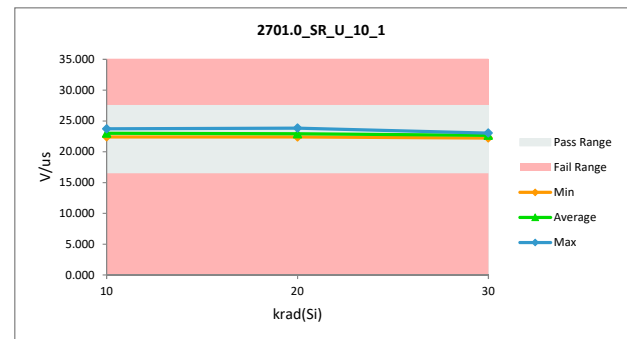
# LDR TID Report OPA4H014-SEP

2701.0_SR_U_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	22.901	23.718	0.817	3.57%	7.43%
10	2b	22.949	22.909	-0.040	-0.17%	0.36%
10	3b	22.511	23.191	0.680	3.02%	6.18%
10	4b	22.872	23.174	0.302	1.32%	2.75%
10	5b	22.670	22.528	-0.142	-0.63%	1.29%
10	6b	23.104	22.515	-0.589	-2.55%	5.35%
10	7b	23.129	22.935	-0.194	-0.84%	1.76%
10	8b	22.556	23.585	1.029	4.56%	9.35%
10	9b	23.573	22.414	-1.159	-4.92%	10.54%
10	10b	22.588	23.099	0.511	2.26%	4.65%
20	1c	22.901	23.076	0.175	0.76%	1.59%
20	2c	22.949	22.686	-0.263	-1.15%	2.39%
20	3c	22.511	23.215	0.704	3.13%	6.40%
20	4c	22.872	23.838	0.966	4.22%	8.78%
20	5c	22.670	22.565	-0.105	-0.46%	0.95%
20	6c	23.104	22.526	-0.578	-2.50%	5.25%
20	7c	23.129	22.906	-0.223	-0.96%	2.03%
20	8c	22.556	22.863	0.307	1.36%	2.79%
20	9c	23.573	22.393	-1.180	-5.01%	10.73%
20	10c	22.588	23.074	0.486	2.15%	4.42%
30	1d	22.901	22.836	-0.065	-0.28%	0.59%
30	2d	22.949	22.454	-0.495	-2.16%	4.50%
30	3d	22.511	23.028	0.517	2.30%	4.70%
30	4d	22.872	23.006	0.134	0.59%	1.22%
30	5d	22.670	22.396	-0.274	-1.21%	2.49%
30	6d	23.104	22.381	-0.723	-3.13%	6.57%
30	7d	23.129	22.754	-0.375	-1.62%	3.41%
30	8d	22.556	22.729	0.173	0.77%	1.57%
30	9d	23.573	22.233	-1.340	-5.68%	12.18%
30	10d	22.588	22.928	0.340	1.51%	3.09%
	Max	23.573	23.838	1.029	4.56%	12.18%
	Average	22.885	22.865	-0.020	-0.06%	4.51%
	Min	22.511	22.233	-1.340	-5.68%	0.36%
	Std Dev	0.316	0.401	0.620	2.69%	3.28%



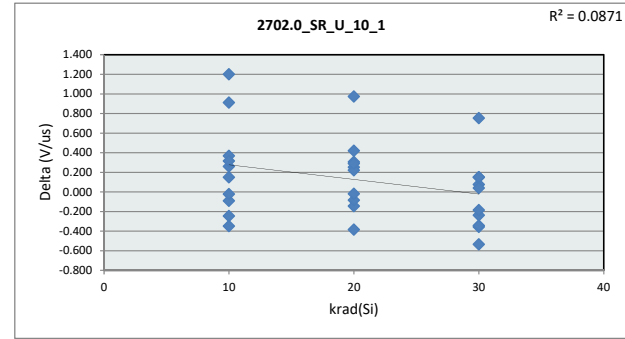
2701.0_SR_U_10_1			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	27.5	V/us	
Min Limit	16.5	V/us	
krad(Si)	10	20	30
LL	16.500	16.500	16.500
Min	22.414	22.393	22.233
Average	23.007	22.914	22.675
Max	23.718	23.838	23.028
UL	27.500	27.500	27.500



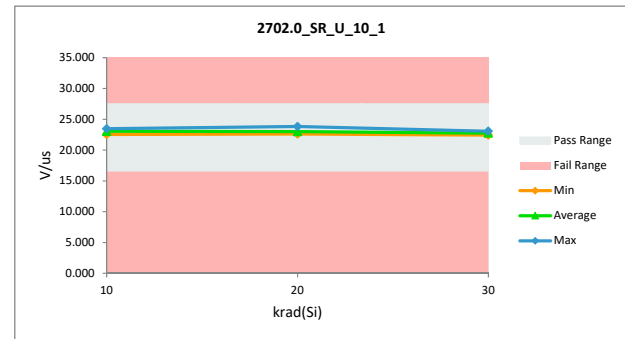
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2702.0_SR_U_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	22.792	23.160	0.368	1.61%	3.35%
10	2b	22.257	23.457	1.200	5.39%	10.91%
10	3b	22.850	23.110	0.260	1.14%	2.36%
10	4b	23.410	23.164	-0.246	-1.05%	2.24%
10	5b	22.378	22.527	0.149	0.67%	1.35%
10	6b	22.823	22.731	-0.092	-0.40%	0.84%
10	7b	23.258	22.909	-0.349	-1.50%	3.17%
10	8b	22.540	23.451	0.911	4.04%	8.28%
10	9b	22.842	22.819	-0.023	-0.10%	0.21%
10	10b	22.821	23.136	0.315	1.38%	2.86%
20	1c	22.792	22.646	-0.146	-0.64%	1.33%
20	2c	22.257	23.230	0.973	4.37%	8.85%
20	3c	22.850	23.102	0.252	1.10%	2.29%
20	4c	23.410	23.830	0.420	1.79%	3.82%
20	5c	22.378	22.598	0.220	0.98%	2.00%
20	6c	22.823	22.738	-0.085	-0.37%	0.77%
20	7c	23.258	22.872	-0.386	-1.66%	3.51%
20	8c	22.540	22.845	0.305	1.35%	2.77%
20	9c	22.842	22.823	-0.019	-0.08%	0.17%
20	10c	22.821	23.110	0.289	1.27%	2.63%
30	1d	22.792	22.435	-0.357	-1.57%	3.25%
30	2d	22.257	23.009	0.752	3.38%	6.84%
30	3d	22.850	22.925	0.075	0.33%	0.68%
30	4d	23.410	23.065	-0.345	-1.47%	3.14%
30	5d	22.378	22.417	0.039	0.17%	0.35%
30	6d	22.823	22.585	-0.238	-1.04%	2.16%
30	7d	23.258	22.723	-0.535	-2.30%	4.86%
30	8d	22.540	22.688	0.148	0.66%	1.35%
30	9d	22.842	22.656	-0.186	-0.81%	1.69%
30	10d	22.821	22.972	0.151	0.66%	1.37%
	Max	23.410	23.830	1.200	5.39%	10.91%
	Average	22.797	22.924	0.127	0.58%	2.98%
	Min	22.257	22.417	-0.535	-2.30%	0.17%
	Std Dev	0.342	0.321	0.421	1.86%	2.61%



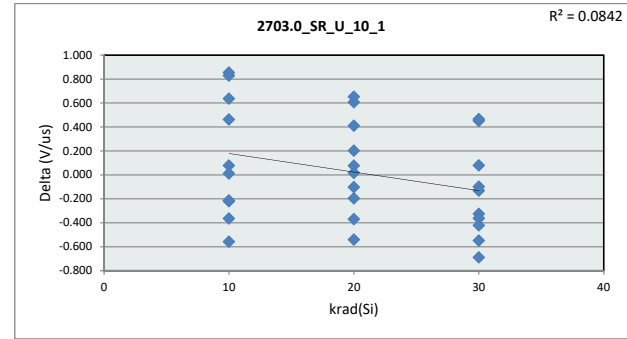
2702.0_SR_U_10_1			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	27.5	V/us	
Min Limit	16.5	V/us	
krad(Si)	10	20	30
LL	16.500	16.500	16.500
Min	22.527	22.598	22.417
Average	23.046	22.979	22.748
Max	23.457	23.830	23.065
UL	27.500	27.500	27.500



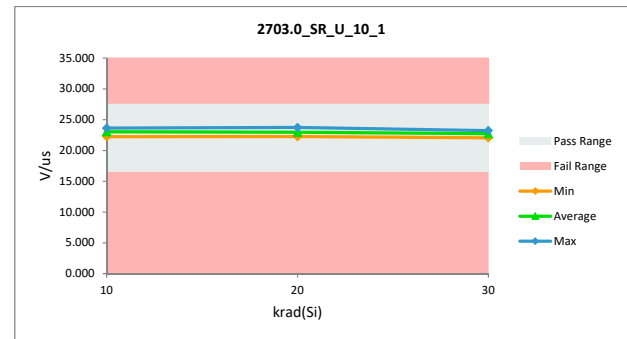
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2703.0_SR_U_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	22.986	23.449	0.463	2.01%	4.21%
10	2b	22.778	23.633	0.855	3.75%	7.77%
10	3b	23.161	22.942	-0.219	-0.95%	1.99%
10	4b	23.325	23.112	-0.213	-0.91%	1.94%
10	5b	22.633	23.270	0.637	2.81%	5.79%
10	6b	23.421	22.863	-0.558	-2.38%	5.07%
10	7b	22.972	23.051	0.079	0.34%	0.72%
10	8b	22.323	23.152	0.829	3.71%	7.54%
10	9b	22.605	22.241	-0.364	-1.61%	3.31%
10	10b	22.555	22.566	0.011	0.05%	0.10%
20	1c	22.986	22.884	-0.102	-0.44%	0.93%
20	2c	22.778	23.386	0.608	2.67%	5.53%
20	3c	23.161	22.966	-0.195	-0.84%	1.77%
20	4c	23.325	23.736	0.411	1.76%	3.74%
20	5c	22.633	23.286	0.653	2.89%	5.94%
20	6c	23.421	22.881	-0.540	-2.31%	4.91%
20	7c	22.972	23.049	0.077	0.34%	0.70%
20	8c	22.323	22.526	0.203	0.91%	1.85%
20	9c	22.605	22.236	-0.369	-1.63%	3.35%
20	10c	22.555	22.572	0.017	0.08%	0.15%
30	1d	22.986	22.661	-0.325	-1.41%	2.95%
30	2d	22.778	23.229	0.451	1.98%	4.10%
30	3d	23.161	22.798	-0.363	-1.57%	3.30%
30	4d	23.325	22.904	-0.421	-1.80%	3.83%
30	5d	22.633	23.099	0.466	2.06%	4.24%
30	6d	23.421	22.732	-0.689	-2.94%	6.26%
30	7d	22.972	22.874	-0.098	-0.43%	0.89%
30	8d	22.323	22.403	0.080	0.36%	0.73%
30	9d	22.605	22.057	-0.548	-2.42%	4.98%
30	10d	22.555	22.424	-0.131	-0.58%	1.19%
	Max	23.421	23.736	0.855	3.75%	7.77%
	Average	22.876	22.899	0.024	0.12%	3.33%
	Min	22.323	22.057	-0.689	-2.94%	0.10%
	Std Dev	0.345	0.410	0.443	1.94%	2.20%



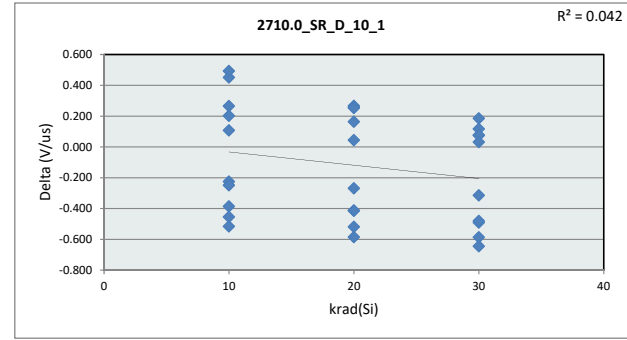
2703.0_SR_U_10_1			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	27.5	V/us	
Min Limit	16.5	V/us	
	krad(Si)	10	20
LL		16.500	16.500
Min		22.241	22.236
Average		23.028	22.952
Max		23.633	23.736
UL		27.500	27.500



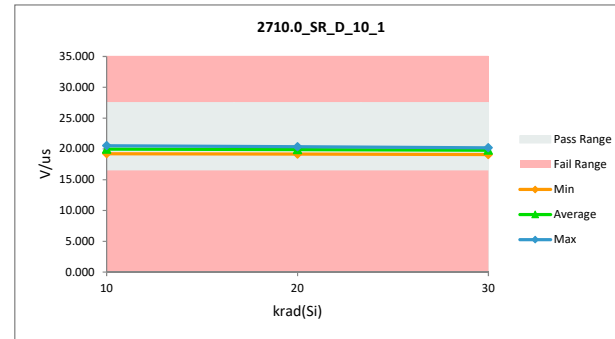
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2710.0_SR_D_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	20.237	20.012	-0.225	-1.11%	2.05%
10	2b	20.066	20.517	0.451	2.25%	4.10%
10	3b	19.840	20.105	0.265	1.34%	2.41%
10	4b	19.907	20.109	0.202	1.01%	1.84%
10	5b	20.247	19.861	-0.386	-1.91%	3.51%
10	6b	19.885	19.636	-0.249	-1.25%	2.26%
10	7b	20.128	19.612	-0.516	-2.56%	4.69%
10	8b	19.858	20.350	0.492	2.48%	4.47%
10	9b	19.664	19.209	-0.455	-2.31%	4.14%
10	10b	20.066	20.173	0.107	0.53%	0.97%
20	1c	20.237	19.824	-0.413	-2.04%	3.75%
20	2c	20.066	20.332	0.266	1.33%	2.42%
20	3c	19.840	20.098	0.258	1.30%	2.35%
20	4c	19.907	20.160	0.253	1.27%	2.30%
20	5c	20.247	19.832	-0.415	-2.05%	3.77%
20	6c	19.885	19.616	-0.269	-1.35%	2.45%
20	7c	20.128	19.542	-0.586	-2.91%	5.33%
20	8c	19.858	20.021	0.163	0.82%	1.48%
20	9c	19.664	19.145	-0.519	-2.64%	4.72%
20	10c	20.066	20.110	0.044	0.22%	0.40%
30	1d	20.237	19.746	-0.491	-2.43%	4.46%
30	2d	20.066	20.182	0.116	0.58%	1.05%
30	3d	19.840	20.025	0.185	0.93%	1.68%
30	4d	19.907	19.983	0.076	0.38%	0.69%
30	5d	20.247	19.766	-0.481	-2.38%	4.37%
30	6d	19.885	19.570	-0.315	-1.58%	2.86%
30	7d	20.128	19.483	-0.645	-3.20%	5.86%
30	8d	19.858	19.933	0.075	0.38%	0.68%
30	9d	19.664	19.077	-0.587	-2.99%	5.34%
30	10d	20.066	20.097	0.031	0.15%	0.28%
	Max	20.247	20.517	0.492	2.48%	5.86%
	Average	19.990	19.871	-0.119	-0.59%	2.89%
	Min	19.664	19.077	-0.645	-3.20%	0.28%
	Std Dev	0.182	0.355	0.349	1.75%	1.62%



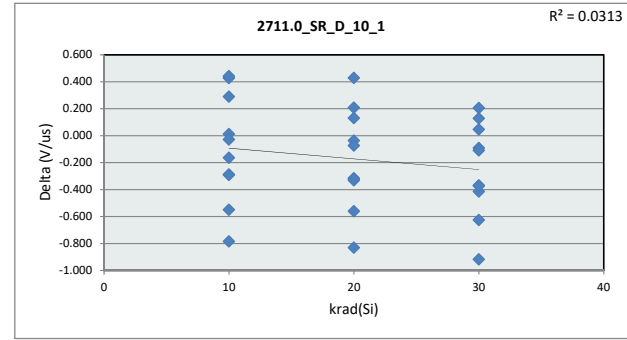
2710.0_SR_D_10_1				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	27.5	V/us		
Min Limit	16.5	V/us		
	krad(Si)	10	20	30
LL		16.500	16.500	16.500
Min		19.209	19.145	19.077
Average		19.958	19.868	19.786
Max		20.517	20.332	20.182
UL		27.500	27.500	27.500



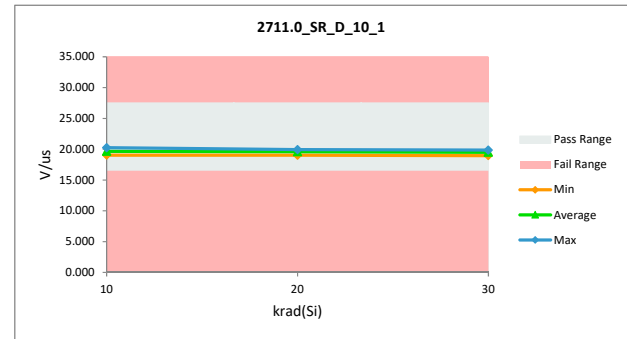
LDR TID Report  
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2711.0_SR_D_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	19.682	20.109	0.427	2.17%	3.88%
10	2b	19.895	19.731	-0.164	-0.82%	1.49%
10	3b	19.667	19.679	0.012	0.06%	0.11%
10	4b	19.396	19.686	0.290	1.50%	2.64%
10	5b	19.813	19.784	-0.029	-0.15%	0.26%
10	6b	19.579	19.029	-0.550	-2.81%	5.00%
10	7b	19.967	19.678	-0.289	-1.45%	2.63%
10	8b	19.800	20.242	0.442	2.23%	4.02%
10	9b	19.925	19.140	-0.785	-3.94%	7.14%
10	10b	19.819	19.528	-0.291	-1.47%	2.65%
20	1c	19.682	19.890	0.208	1.06%	1.89%
20	2c	19.895	19.563	-0.332	-1.67%	3.02%
20	3c	19.667	19.630	-0.037	-0.19%	0.34%
20	4c	19.396	19.824	0.428	2.21%	3.89%
20	5c	19.813	19.739	-0.074	-0.37%	0.67%
20	6c	19.579	19.018	-0.561	-2.87%	5.10%
20	7c	19.967	19.651	-0.316	-1.58%	2.87%
20	8c	19.800	19.930	0.130	0.66%	1.18%
20	9c	19.925	19.094	-0.831	-4.17%	7.55%
20	10c	19.819	19.496	-0.323	-1.63%	2.94%
30	1d	19.682	19.810	0.128	0.65%	1.16%
30	2d	19.895	19.480	-0.415	-2.09%	3.77%
30	3d	19.667	19.575	-0.092	-0.47%	0.84%
30	4d	19.396	19.601	0.205	1.06%	1.86%
30	5d	19.813	19.704	-0.109	-0.55%	0.99%
30	6d	19.579	18.953	-0.626	-3.20%	5.69%
30	7d	19.967	19.598	-0.369	-1.85%	3.35%
30	8d	19.800	19.846	0.046	0.23%	0.42%
30	9d	19.925	19.007	-0.918	-4.61%	8.35%
30	10d	19.819	19.446	-0.373	-1.88%	3.39%
	Max	19.967	20.242	0.442	2.23%	8.35%
	Average	19.754	19.582	-0.172	-0.86%	2.97%
	Min	19.396	18.953	-0.918	-4.61%	0.11%
	Std Dev	0.169	0.325	0.372	1.88%	2.21%



2711.0_SR_D_10_1			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	27.5	V/us	
Min Limit	16.5	V/us	
krad(Si)	10	20	30
LL	16.500	16.500	16.500
Min	19.029	19.018	18.953
Average	19.661	19.584	19.502
Max	20.242	19.930	19.846
UL	27.500	27.500	27.500

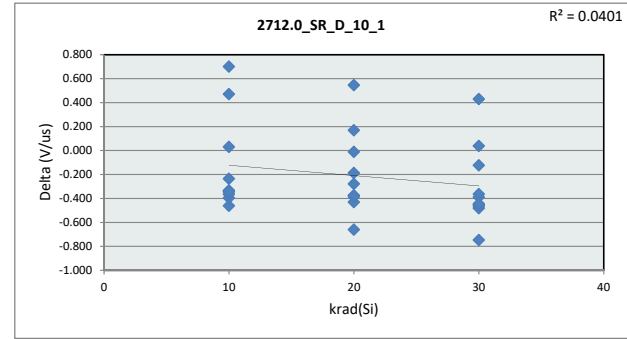




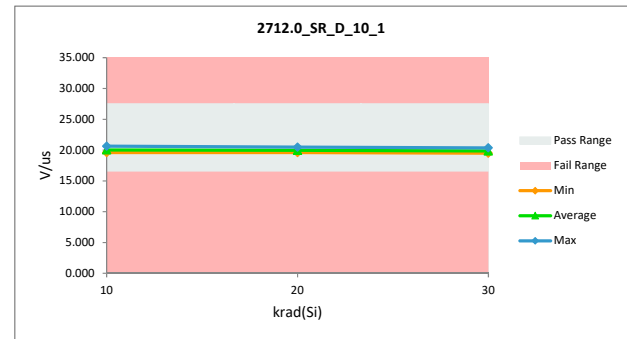
LDR TID Report  
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2712.0_SR_D_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	20.289	19.827	-0.462	-2.28%	4.20%
10	2b	19.928	20.628	0.700	3.51%	6.36%
10	3b	20.094	20.124	0.030	0.15%	0.27%
10	4b	20.576	20.242	-0.334	-1.62%	3.04%
10	5b	20.106	19.710	-0.396	-1.97%	3.60%
10	6b	19.958	19.592	-0.366	-1.83%	3.33%
10	7b	20.497	20.156	-0.341	-1.66%	3.10%
10	8b	19.782	20.253	0.471	2.38%	4.28%
10	9b	19.886	19.650	-0.236	-1.19%	2.15%
10	10b	20.414	20.068	-0.346	-1.69%	3.15%
20	1c	20.289	19.628	-0.661	-3.26%	6.01%
20	2c	19.928	20.474	0.546	2.74%	4.96%
20	3c	20.094	20.082	-0.012	-0.06%	0.11%
20	4c	20.576	20.388	-0.188	-0.91%	1.71%
20	5c	20.106	19.675	-0.431	-2.14%	3.92%
20	6c	19.958	19.583	-0.375	-1.88%	3.41%
20	7c	20.497	20.111	-0.386	-1.88%	3.51%
20	8c	19.782	19.951	0.169	0.85%	1.54%
20	9c	19.886	19.608	-0.278	-1.40%	2.53%
20	10c	20.414	20.035	-0.379	-1.86%	3.45%
30	1d	20.289	19.542	-0.747	-3.68%	6.79%
30	2d	19.928	20.357	0.429	2.15%	3.90%
30	3d	20.094	19.971	-0.123	-0.61%	1.12%
30	4d	20.576	20.187	-0.389	-1.89%	3.54%
30	5d	20.106	19.624	-0.482	-2.40%	4.38%
30	6d	19.958	19.494	-0.464	-2.32%	4.22%
30	7d	20.497	20.042	-0.455	-2.22%	4.14%
30	8d	19.782	19.820	0.038	0.19%	0.35%
30	9d	19.886	19.522	-0.364	-1.83%	3.31%
30	10d	20.414	19.969	-0.445	-2.18%	4.05%
	Max	20.576	20.628	0.700	3.51%	6.79%
	Average	20.153	19.944	-0.209	-1.03%	3.35%
	Min	19.782	19.494	-0.747	-3.68%	0.11%
	Std Dev	0.267	0.315	0.357	1.78%	1.64%



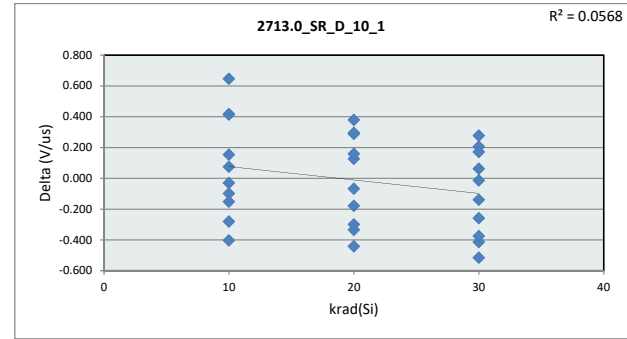
2712.0_SR_D_10_1			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	27.5	V/us	
Min Limit	16.5	V/us	
krad(Si)	10	20	30
LL	16.500	16.500	16.500
Min	19.592	19.583	19.494
Average	20.025	19.954	19.853
Max	20.628	20.474	20.357
UL	27.500	27.500	27.500



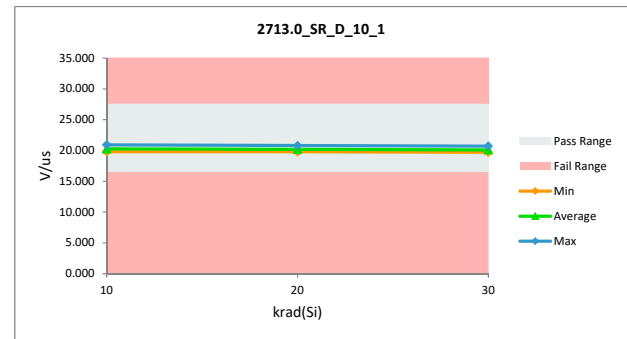
LDR TID Report  
OPA4H014-SEP

2713.0_SR_D_10_1		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V/us	V/us
Max Limit	27.5	27.5
Min Limit	16.5	16.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	20.450	20.351	-0.099	-0.48%	0.90%
10	2b	20.501	20.918	0.417	2.03%	3.79%
10	3b	20.034	20.188	0.154	0.77%	1.40%
10	4b	20.227	20.302	0.075	0.37%	0.68%
10	5b	19.864	20.279	0.415	2.09%	3.77%
10	6b	20.079	19.799	-0.280	-1.39%	2.55%
10	7b	20.399	19.996	-0.403	-1.98%	3.66%
10	8b	20.028	20.674	0.646	3.23%	5.87%
10	9b	20.092	19.940	-0.152	-0.76%	1.38%
10	10b	20.172	20.142	-0.030	-0.15%	0.27%
20	1c	20.450	20.116	-0.334	-1.63%	3.04%
20	2c	20.501	20.790	0.289	1.41%	2.63%
20	3c	20.034	20.161	0.127	0.63%	1.15%
20	4c	20.227	20.386	0.159	0.79%	1.45%
20	5c	19.864	20.243	0.379	1.91%	3.45%
20	6c	20.079	19.780	-0.299	-1.49%	2.72%
20	7c	20.399	19.957	-0.442	-2.17%	4.02%
20	8c	20.028	20.323	0.295	1.47%	2.68%
20	9c	20.092	19.913	-0.179	-0.89%	1.63%
20	10c	20.172	20.105	-0.067	-0.33%	0.61%
30	1d	20.450	20.037	-0.413	-2.02%	3.75%
30	2d	20.501	20.707	0.206	1.00%	1.87%
30	3d	20.034	20.096	0.062	0.31%	0.56%
30	4d	20.227	20.214	-0.013	-0.06%	0.12%
30	5d	19.864	20.141	0.277	1.39%	2.52%
30	6d	20.079	19.704	-0.375	-1.87%	3.41%
30	7d	20.399	19.884	-0.515	-2.52%	4.68%
30	8d	20.028	20.199	0.171	0.85%	1.55%
30	9d	20.092	19.833	-0.259	-1.29%	2.35%
30	10d	20.172	20.033	-0.139	-0.69%	1.26%
	Max	20.501	20.918	0.646	3.23%	5.87%
	Average	20.185	20.174	-0.011	-0.05%	2.32%
	Min	19.864	19.704	-0.515	-2.52%	0.12%
	Std Dev	0.200	0.298	0.303	1.50%	1.42%



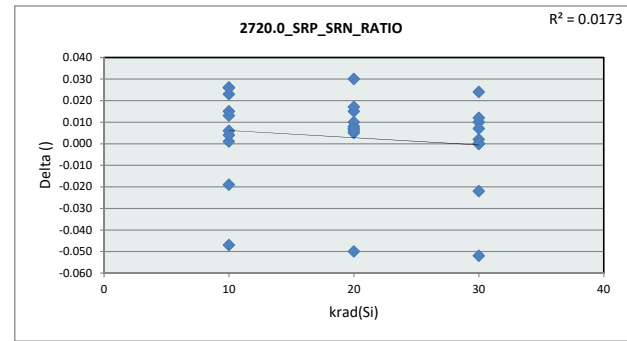
2713.0_SR_D_10_1				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	27.5	V/us		
Min Limit	16.5	V/us		
	krad(Si)	10	20	30
LL		16.500	16.500	16.500
Min		19.799	19.780	19.704
Average		20.259	20.177	20.085
Max		20.918	20.790	20.707
UL		27.500	27.500	27.500



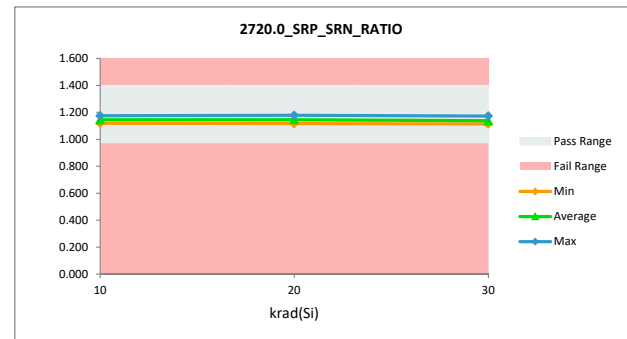
# LDR TID Report OPA4H014-SEP

2720.0_SRP_SRN_RATIO		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit		
Max Limit	1.4	1.4
Min Limit	0.97	0.97

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	1.128	1.151	0.023	2.04%	5.35%
10	2b	1.166	1.119	-0.047	-4.03%	10.93%
10	3b	1.126	1.132	0.006	0.53%	1.40%
10	4b	1.154	1.135	-0.019	-1.65%	4.42%
10	5b	1.125	1.126	0.001	0.09%	0.23%
10	6b	1.143	1.158	0.015	1.31%	3.49%
10	7b	1.127	1.153	0.026	2.31%	6.05%
10	8b	1.129	1.155	0.026	2.30%	6.05%
10	9b	1.161	1.174	0.013	1.12%	3.02%
10	10b	1.139	1.143	0.004	0.35%	0.93%
20	1c	1.128	1.136	0.008	0.71%	1.86%
20	2c	1.166	1.116	-0.050	-4.29%	11.63%
20	3c	1.126	1.133	0.007	0.62%	1.63%
20	4c	1.154	1.159	0.005	0.43%	1.16%
20	5c	1.125	1.131	0.006	0.53%	1.40%
20	6c	1.143	1.158	0.015	1.31%	3.49%
20	7c	1.127	1.157	0.030	2.66%	6.98%
20	8c	1.129	1.139	0.010	0.89%	2.33%
20	9c	1.161	1.178	0.017	1.46%	3.95%
20	10c	1.139	1.146	0.007	0.61%	1.63%
30	1d	1.128	1.128	0.000	0.00%	0.00%
30	2d	1.166	1.114	-0.052	-4.46%	12.09%
30	3d	1.126	1.128	0.002	0.18%	0.47%
30	4d	1.154	1.132	-0.022	-1.91%	5.12%
30	5d	1.125	1.125	0.000	0.00%	0.00%
30	6d	1.143	1.153	0.010	0.87%	2.33%
30	7d	1.127	1.151	0.024	2.13%	5.58%
30	8d	1.129	1.136	0.007	0.62%	1.63%
30	9d	1.161	1.173	0.012	1.03%	2.79%
30	10d	1.139	1.139	0.000	0.00%	0.00%
Max		1.166	1.178	0.030	2.66%	12.09%
Average		1.140	1.143	0.003	0.26%	3.60%
Min		1.125	1.114	-0.052	-4.46%	0.00%
Std Dev		0.015	0.017	0.021	1.83%	3.35%



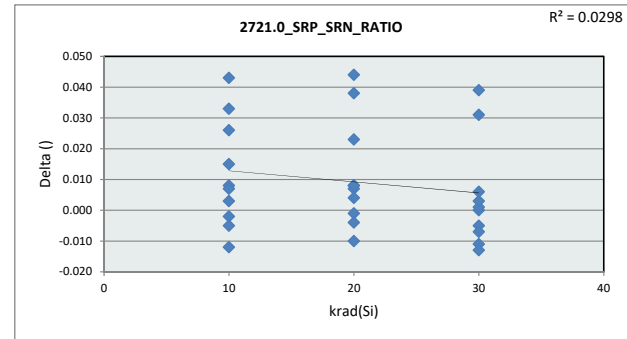
2720.0_SRP_SRN_RATIO			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.4		
Min Limit	0.97		
krad(Si)	10	20	30
LL	0.970	0.970	0.970
Min	1.119	1.116	1.114
Average	1.145	1.145	1.138
Max	1.174	1.178	1.173
UL	1.400	1.400	1.400



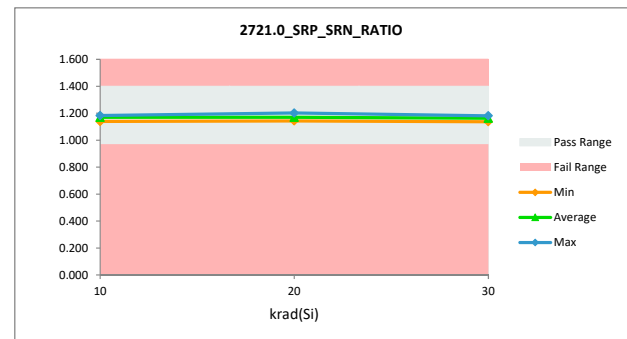
# LDR TID Report OPA4H014-SEP

2721.0_SRP_SRN_RATIO		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit		
Max Limit	1.4	1.4
Min Limit	0.97	0.97

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	1.164	1.179	0.015	1.29%	3.49%
10	2b	1.153	1.161	0.008	0.69%	1.86%
10	3b	1.145	1.178	0.033	2.88%	7.67%
10	4b	1.179	1.177	-0.002	-0.17%	0.47%
10	5b	1.144	1.139	-0.005	-0.44%	1.16%
10	6b	1.180	1.183	0.003	0.25%	0.70%
10	7b	1.158	1.165	0.007	0.60%	1.63%
10	8b	1.139	1.165	0.026	2.28%	6.05%
10	9b	1.183	1.171	-0.012	-1.01%	2.79%
10	10b	1.140	1.183	0.043	3.77%	10.00%
20	1c	1.164	1.160	-0.004	-0.34%	0.93%
20	2c	1.153	1.160	0.007	0.61%	1.63%
20	3c	1.145	1.183	0.038	3.32%	8.84%
20	4c	1.179	1.202	0.023	1.95%	5.35%
20	5c	1.144	1.143	-0.001	-0.09%	0.23%
20	6c	1.180	1.184	0.004	0.34%	0.93%
20	7c	1.158	1.166	0.008	0.69%	1.86%
20	8c	1.139	1.147	0.008	0.70%	1.86%
20	9c	1.183	1.173	-0.010	-0.85%	2.33%
20	10c	1.140	1.184	0.044	3.86%	10.23%
30	1d	1.164	1.153	-0.011	-0.95%	2.56%
30	2d	1.153	1.153	0.000	0.00%	0.00%
30	3d	1.145	1.176	0.031	2.71%	7.21%
30	4d	1.179	1.174	-0.005	-0.42%	1.16%
30	5d	1.144	1.137	-0.007	-0.61%	1.63%
30	6d	1.180	1.181	0.001	0.08%	0.23%
30	7d	1.158	1.161	0.003	0.26%	0.70%
30	8d	1.139	1.145	0.006	0.53%	1.40%
30	9d	1.183	1.170	-0.013	-1.10%	3.02%
30	10d	1.140	1.179	0.039	3.42%	9.07%
	Max	1.183	1.202	0.044	3.86%	10.23%
	Average	1.159	1.168	0.009	0.81%	3.23%
	Min	1.139	1.137	-0.013	-1.10%	0.00%
	Std Dev	0.017	0.016	0.017	1.51%	3.19%



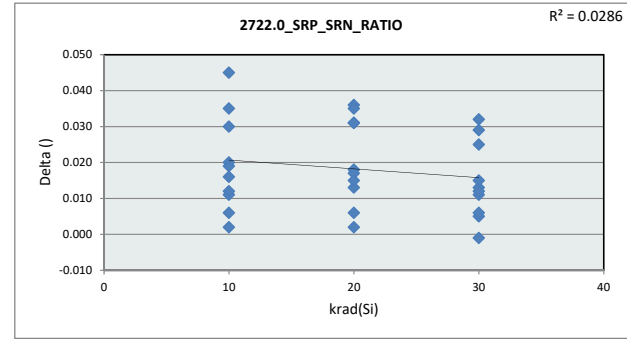
2721.0_SRP_SRN_RATIO			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.4		
Min Limit	0.97		
krad(Si)	10	20	30
LL	0.970	0.970	0.970
Min	1.139	1.143	1.137
Average	1.170	1.170	1.163
Max	1.183	1.202	1.181
UL	1.400	1.400	1.400



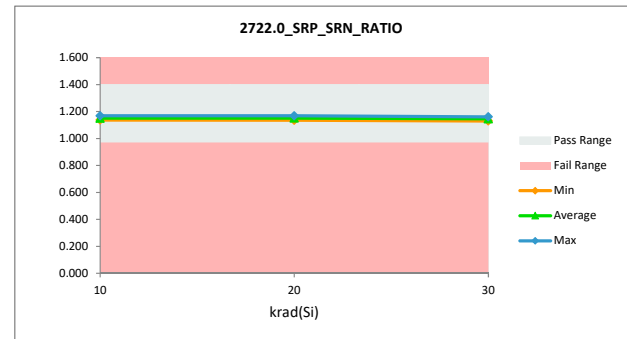
# LDR TID Report OPA4H014-SEP

2722.0_SRP_SRN_RATIO		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit		
Max Limit	1.4	1.4
Min Limit	0.97	0.97

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	1.123	1.168	0.045	4.01%	10.47%
10	2b	1.117	1.137	0.020	1.79%	4.65%
10	3b	1.137	1.148	0.011	0.97%	2.56%
10	4b	1.138	1.144	0.006	0.53%	1.40%
10	5b	1.113	1.143	0.030	2.70%	6.98%
10	6b	1.144	1.160	0.016	1.40%	3.72%
10	7b	1.135	1.137	0.002	0.18%	0.47%
10	8b	1.139	1.158	0.019	1.67%	4.42%
10	9b	1.149	1.161	0.012	1.04%	2.79%
10	10b	1.118	1.153	0.035	3.13%	8.14%
20	1c	1.123	1.154	0.031	2.76%	7.21%
20	2c	1.117	1.135	0.018	1.61%	4.19%
20	3c	1.137	1.150	0.013	1.14%	3.02%
20	4c	1.138	1.169	0.031	2.72%	7.21%
20	5c	1.113	1.149	0.036	3.23%	8.37%
20	6c	1.144	1.161	0.017	1.49%	3.95%
20	7c	1.135	1.137	0.002	0.18%	0.47%
20	8c	1.139	1.145	0.006	0.53%	1.40%
20	9c	1.149	1.164	0.015	1.31%	3.49%
20	10c	1.118	1.153	0.035	3.13%	8.14%
30	1d	1.123	1.148	0.025	2.23%	5.81%
30	2d	1.117	1.130	0.013	1.16%	3.02%
30	3d	1.137	1.148	0.011	0.97%	2.56%
30	4d	1.138	1.143	0.005	0.44%	1.16%
30	5d	1.113	1.142	0.029	2.61%	6.74%
30	6d	1.144	1.159	0.015	1.31%	3.49%
30	7d	1.135	1.134	-0.001	-0.09%	0.23%
30	8d	1.139	1.145	0.006	0.53%	1.40%
30	9d	1.149	1.161	0.012	1.04%	2.79%
30	10d	1.118	1.150	0.032	2.86%	7.44%
	Max	1.149	1.169	0.045	4.01%	10.47%
	Average	1.131	1.150	0.018	1.62%	4.26%
	Min	1.113	1.130	-0.001	-0.09%	0.23%
	Std Dev	0.012	0.010	0.012	1.08%	2.77%



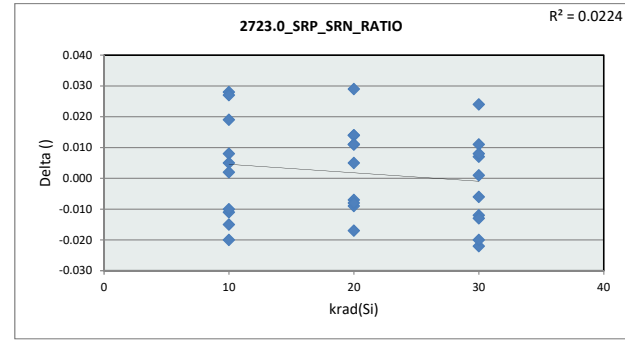
2722.0_SRP_SRN_RATIO			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.4		
Min Limit	0.97		
krad(Si)	10	20	30
LL	0.970	0.970	0.970
Min	1.137	1.135	1.130
Average	1.151	1.152	1.146
Max	1.168	1.169	1.161
UL	1.400	1.400	1.400



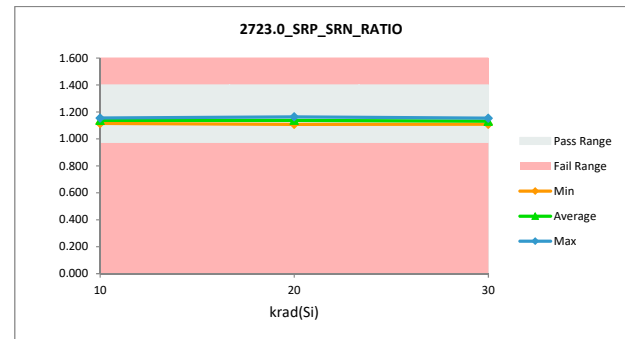
LDR TID Report  
OPA4H014-SEP

2723.0_SRP_SRN_RATIO		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit		
Max Limit	1.4	1.4
Min Limit	0.97	0.97

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	1.124	1.152	0.028	2.49%	6.51%
10	2b	1.111	1.130	0.019	1.71%	4.42%
10	3b	1.156	1.136	-0.020	-1.73%	4.65%
10	4b	1.153	1.138	-0.015	-1.30%	3.49%
10	5b	1.139	1.147	0.008	0.70%	1.86%
10	6b	1.166	1.155	-0.011	-0.94%	2.56%
10	7b	1.126	1.153	0.027	2.40%	6.28%
10	8b	1.115	1.120	0.005	0.45%	1.16%
10	9b	1.125	1.115	-0.010	-0.89%	2.33%
10	10b	1.118	1.120	0.002	0.18%	0.47%
20	1c	1.124	1.138	0.014	1.25%	3.26%
20	2c	1.111	1.125	0.014	1.26%	3.26%
20	3c	1.156	1.139	-0.017	-1.47%	3.95%
20	4c	1.153	1.164	0.011	0.95%	2.56%
20	5c	1.139	1.150	0.011	0.97%	2.56%
20	6c	1.166	1.157	-0.009	-0.77%	2.09%
20	7c	1.126	1.155	0.029	2.58%	6.74%
20	8c	1.115	1.108	-0.007	-0.63%	1.63%
20	9c	1.125	1.117	-0.008	-0.71%	1.86%
20	10c	1.118	1.123	0.005	0.45%	1.16%
30	1d	1.124	1.131	0.007	0.62%	1.63%
30	2d	1.111	1.122	0.011	0.99%	2.56%
30	3d	1.156	1.134	-0.022	-1.90%	5.12%
30	4d	1.153	1.133	-0.020	-1.73%	4.65%
30	5d	1.139	1.147	0.008	0.70%	1.86%
30	6d	1.166	1.154	-0.012	-1.03%	2.79%
30	7d	1.126	1.150	0.024	2.13%	5.58%
30	8d	1.115	1.109	-0.006	-0.54%	1.40%
30	9d	1.125	1.112	-0.013	-1.16%	3.02%
30	10d	1.118	1.119	0.001	0.09%	0.23%
	Max	1.166	1.164	0.029	2.58%	6.74%
	Average	1.133	1.135	0.002	0.17%	3.05%
	Min	1.111	1.108	-0.022	-1.90%	0.23%
	Std Dev	0.018	0.016	0.015	1.34%	1.76%



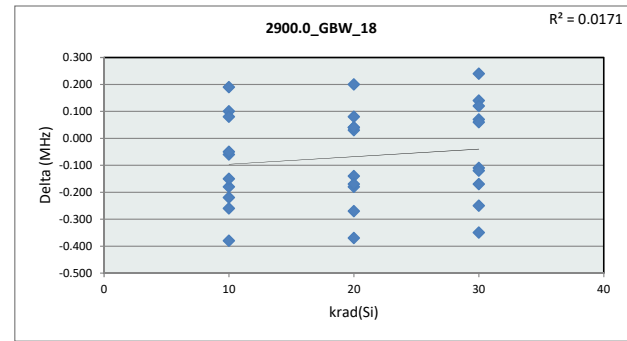
2723.0_SRP_SRN_RATIO			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.4		
Min Limit	0.97		
krad(Si)	10	20	30
LL	0.970	0.970	0.970
Min	1.115	1.108	1.109
Average	1.137	1.138	1.131
Max	1.155	1.164	1.154
UL	1.400	1.400	1.400



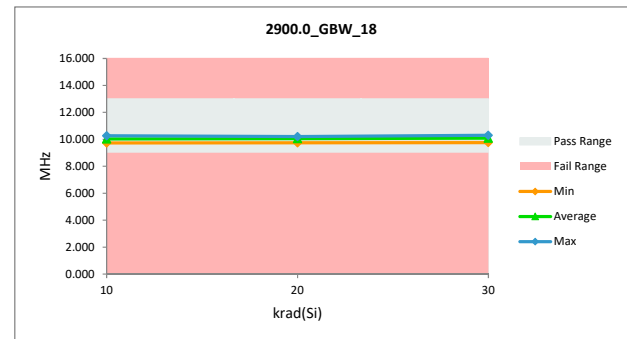
# LDR TID Report OPA4H014-SEP

2900.0_GBW_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	MHz	MHz
Max Limit	13	13
Min Limit	9	9

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	10.060	10.000	-0.060	-0.60%	1.50%
10	2b	10.170	9.990	-0.180	-1.77%	4.50%
10	3b	9.910	10.100	0.190	1.92%	4.75%
10	4b	10.160	10.260	0.100	0.98%	2.50%
10	5b	10.310	10.090	-0.220	-2.13%	5.50%
10	6b	10.220	10.070	-0.150	-1.47%	3.75%
10	7b	10.190	9.930	-0.260	-2.55%	6.50%
10	8b	9.950	9.900	-0.050	-0.50%	1.25%
10	9b	10.110	9.730	-0.380	-3.76%	9.50%
10	10b	10.120	10.200	0.080	0.79%	2.00%
20	1c	10.060	10.090	0.030	0.30%	0.75%
20	2c	10.170	10.030	-0.140	-1.38%	3.50%
20	3c	9.910	10.110	0.200	2.02%	5.00%
20	4c	10.160	10.200	0.040	0.39%	1.00%
20	5c	10.310	10.130	-0.180	-1.75%	4.50%
20	6c	10.220	10.050	-0.170	-1.66%	4.25%
20	7c	10.190	9.920	-0.270	-2.65%	6.75%
20	8c	9.950	9.990	0.040	0.40%	1.00%
20	9c	10.110	9.740	-0.370	-3.66%	9.25%
20	10c	10.120	10.200	0.080	0.79%	2.00%
30	1d	10.060	10.130	0.070	0.70%	1.75%
30	2d	10.170	10.060	-0.110	-1.08%	2.75%
30	3d	9.910	10.150	0.240	2.42%	6.00%
30	4d	10.160	10.300	0.140	1.38%	3.50%
30	5d	10.310	10.140	-0.170	-1.65%	4.25%
30	6d	10.220	10.100	-0.120	-1.17%	3.00%
30	7d	10.190	9.940	-0.250	-2.45%	6.25%
30	8d	9.950	10.010	0.060	0.60%	1.50%
30	9d	10.110	9.760	-0.350	-3.46%	8.75%
30	10d	10.120	10.240	0.120	1.19%	3.00%
Max		10.310	10.300	0.240	2.42%	9.50%
Average		10.120	10.052	-0.068	-0.66%	4.02%
Min		9.910	9.730	-0.380	-3.76%	0.75%
Std Dev		0.117	0.145	0.178	1.76%	2.46%



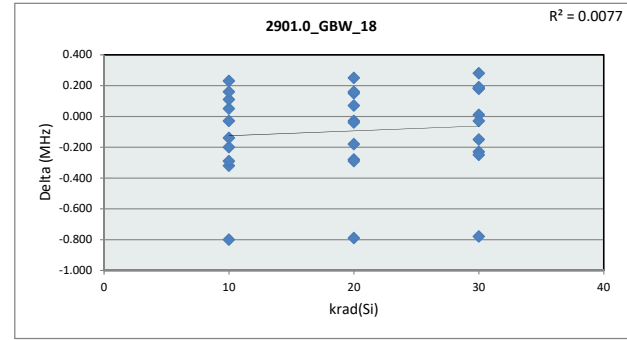
2900.0_GBW_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	13	MHz	
Min Limit	9	MHz	
krad(Si)	10	20	30
LL	9.000	9.000	9.000
Min	9.730	9.740	9.760
Average	10.027	10.046	10.083
Max	10.260	10.200	10.300
UL	13.000	13.000	13.000



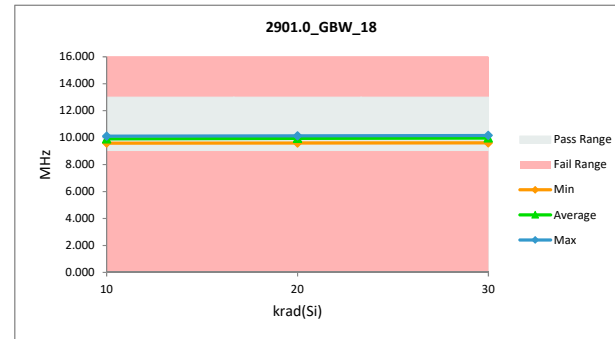
LDR TID Report  
OPA4H014-SEP

2901.0_GBW_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	MHz	MHz
Max Limit	13	13
Min Limit	9	9

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	9.940	9.990	0.050	0.50%	1.25%
10	2b	10.070	9.750	-0.320	-3.18%	8.00%
10	3b	9.880	10.110	0.230	2.33%	5.75%
10	4b	9.920	10.030	0.110	1.11%	2.75%
10	5b	10.100	10.070	-0.030	-0.30%	0.75%
10	6b	10.080	9.790	-0.290	-2.88%	7.25%
10	7b	10.150	9.950	-0.200	-1.97%	5.00%
10	8b	10.000	9.860	-0.140	-1.40%	3.50%
10	9b	10.390	9.590	-0.800	-7.70%	20.00%
10	10b	9.780	9.940	0.160	1.64%	4.00%
20	1c	9.940	10.090	0.150	1.51%	3.75%
20	2c	10.070	9.790	-0.280	-2.78%	7.00%
20	3c	9.880	10.130	0.250	2.53%	6.25%
20	4c	9.920	9.990	0.070	0.71%	1.75%
20	5c	10.100	10.070	-0.030	-0.30%	0.75%
20	6c	10.080	9.790	-0.290	-2.88%	7.25%
20	7c	10.150	9.970	-0.180	-1.77%	4.50%
20	8c	10.000	9.960	-0.040	-0.40%	1.00%
20	9c	10.390	9.600	-0.790	-7.60%	19.75%
20	10c	9.780	9.940	0.160	1.64%	4.00%
30	1d	9.940	10.120	0.180	1.81%	4.50%
30	2d	10.070	9.840	-0.230	-2.28%	5.75%
30	3d	9.880	10.160	0.280	2.83%	7.00%
30	4d	9.920	10.100	0.180	1.81%	4.50%
30	5d	10.100	10.110	0.010	0.10%	0.25%
30	6d	10.080	9.830	-0.250	-2.48%	6.25%
30	7d	10.150	10.000	-0.150	-1.48%	3.75%
30	8d	10.000	9.970	-0.030	-0.30%	0.75%
30	9d	10.390	9.610	-0.780	-7.51%	19.50%
30	10d	9.780	9.970	0.190	1.94%	4.75%
Max		10.390	10.160	0.280	2.83%	20.00%
Average		10.031	9.937	-0.094	-0.89%	5.71%
Min		9.780	9.590	-0.800	-7.70%	0.25%
Std Dev		0.164	0.161	0.298	2.92%	5.25%



2901.0_GBW_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	13	MHz	
Min Limit	9	MHz	
krad(Si)	10	20	30
LL	9.000	9.000	9.000
Min	9.590	9.600	9.610
Average	9.908	9.933	9.971
Max	10.110	10.130	10.160
UL	13.000	13.000	13.000

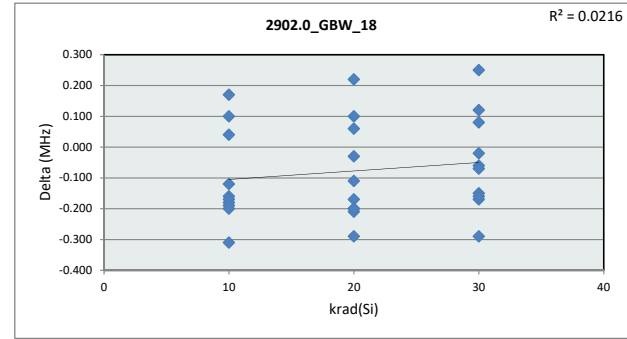




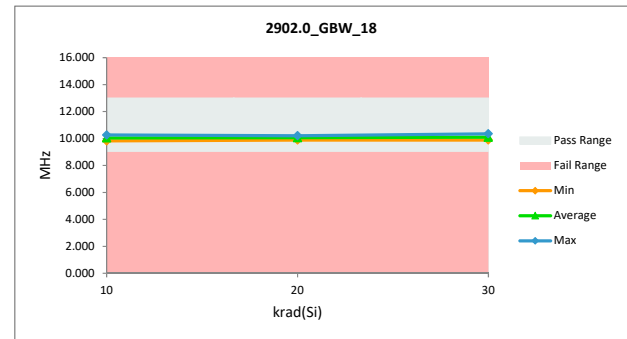
# LDR TID Report OPA4H014-SEP

2902.0_GBW_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	MHz	MHz
Max Limit	13	13
Min Limit	9	9

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	10.090	9.910	-0.180	-1.78%	4.50%
10	2b	9.940	10.110	0.170	1.71%	4.25%
10	3b	10.060	10.100	0.040	0.40%	1.00%
10	4b	10.420	10.260	-0.160	-1.54%	4.00%
10	5b	10.140	9.970	-0.170	-1.68%	4.25%
10	6b	10.260	10.070	-0.190	-1.85%	4.75%
10	7b	10.400	10.200	-0.200	-1.92%	5.00%
10	8b	9.940	9.820	-0.120	-1.21%	3.00%
10	9b	10.180	9.870	-0.310	-3.05%	7.75%
10	10b	10.020	10.120	0.100	1.00%	2.50%
20	1c	10.090	9.980	-0.110	-1.09%	2.75%
20	2c	9.940	10.160	0.220	2.21%	5.50%
20	3c	10.060	10.120	0.060	0.60%	1.50%
20	4c	10.420	10.210	-0.210	-2.02%	5.25%
20	5c	10.140	9.970	-0.170	-1.68%	4.25%
20	6c	10.260	10.060	-0.200	-1.95%	5.00%
20	7c	10.400	10.200	-0.200	-1.92%	5.00%
20	8c	9.940	9.910	-0.030	-0.30%	0.75%
20	9c	10.180	9.890	-0.290	-2.85%	7.25%
20	10c	10.020	10.120	0.100	1.00%	2.50%
30	1d	10.090	10.030	-0.060	-0.59%	1.50%
30	2d	9.940	10.190	0.250	2.52%	6.25%
30	3d	10.060	10.140	0.080	0.80%	2.00%
30	4d	10.420	10.350	-0.070	-0.67%	1.75%
30	5d	10.140	9.990	-0.150	-1.48%	3.75%
30	6d	10.260	10.090	-0.170	-1.66%	4.25%
30	7d	10.400	10.240	-0.160	-1.54%	4.00%
30	8d	9.940	9.920	-0.020	-0.20%	0.50%
30	9d	10.180	9.890	-0.290	-2.85%	7.25%
30	10d	10.020	10.140	0.120	1.20%	3.00%
	Max	10.420	10.350	0.250	2.52%	7.75%
	Average	10.145	10.068	-0.077	-0.75%	3.83%
	Min	9.940	9.820	-0.310	-3.05%	0.50%
	Std Dev	0.166	0.133	0.155	1.53%	1.94%



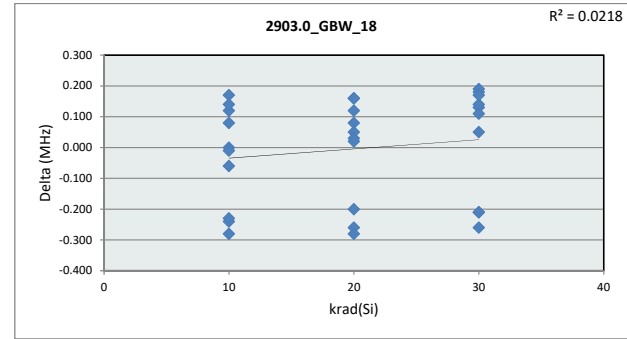
2902.0_GBW_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	13	MHz	
Min Limit	9	MHz	
krad(Si)	10	20	30
LL	9.000	9.000	9.000
Min	9.820	9.890	9.890
Average	10.043	10.062	10.098
Max	10.260	10.210	10.350
UL	13.000	13.000	13.000



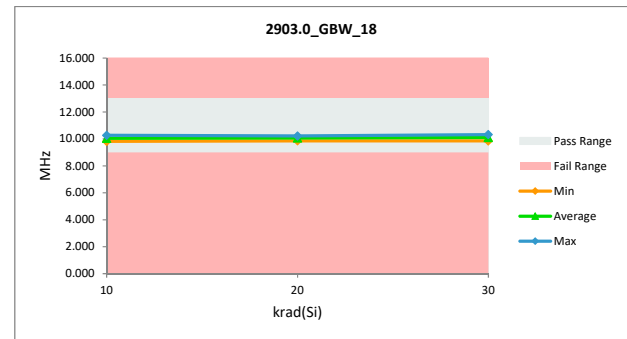
# LDR TID Report OPA4H014-SEP

2903.0_GBW_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	MHz	MHz
Max Limit	13	13
Min Limit	9	9

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	10.070	10.070	0.000	0.00%	0.00%
10	2b	10.170	10.160	-0.010	-0.10%	0.25%
10	3b	9.990	10.110	0.120	1.20%	3.00%
10	4b	10.180	10.260	0.080	0.79%	2.00%
10	5b	10.020	10.190	0.170	1.70%	4.25%
10	6b	10.250	10.010	-0.240	-2.34%	6.00%
10	7b	10.230	9.950	-0.280	-2.74%	7.00%
10	8b	9.880	9.820	-0.060	-0.61%	1.50%
10	9b	10.060	9.830	-0.230	-2.29%	5.75%
10	10b	9.880	10.020	0.140	1.42%	3.50%
20	1c	10.070	10.150	0.080	0.79%	2.00%
20	2c	10.170	10.220	0.050	0.49%	1.25%
20	3c	9.990	10.110	0.120	1.20%	3.00%
20	4c	10.180	10.210	0.030	0.29%	0.75%
20	5c	10.020	10.180	0.160	1.60%	4.00%
20	6c	10.250	9.990	-0.260	-2.54%	6.50%
20	7c	10.230	9.950	-0.280	-2.74%	7.00%
20	8c	9.880	9.900	0.020	0.20%	0.50%
20	9c	10.060	9.860	-0.200	-1.99%	5.00%
20	10c	9.880	10.040	0.160	1.62%	4.00%
30	1d	10.070	10.200	0.130	1.29%	3.25%
30	2d	10.170	10.280	0.110	1.08%	2.75%
30	3d	9.990	10.170	0.180	1.80%	4.50%
30	4d	10.180	10.320	0.140	1.38%	3.50%
30	5d	10.020	10.210	0.190	1.90%	4.75%
30	6d	10.250	10.040	-0.210	-2.05%	5.25%
30	7d	10.230	9.970	-0.260	-2.54%	6.50%
30	8d	9.880	9.930	0.050	0.51%	1.25%
30	9d	10.060	9.850	-0.210	-2.09%	5.25%
30	10d	9.880	10.050	0.170	1.72%	4.25%
Max		10.250	10.320	0.190	1.90%	7.00%
Average		10.073	10.068	-0.005	-0.03%	3.62%
Min		9.880	9.820	-0.280	-2.74%	0.00%
Std Dev		0.129	0.143	0.169	1.67%	2.08%



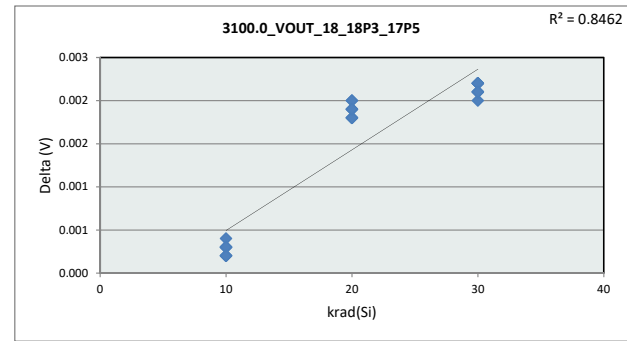
2903.0_GBW_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	13	MHz	
Min Limit	9	MHz	
krad(Si)	10	20	30
LL	9.000	9.000	9.000
Min	9.820	9.860	9.850
Average	10.042	10.061	10.102
Max	10.260	10.220	10.320
UL	13.000	13.000	13.000



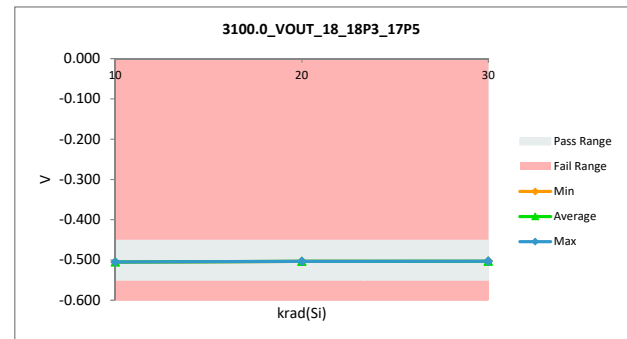
# LDR TID Report OPA4H014-SEP

3100.0_VOUT_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.45	-0.45
Min Limit	-0.55	-0.55

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.505	-0.505	0.000	-0.04%	0.20%
10	2b	-0.505	-0.505	0.000	-0.06%	0.30%
10	3b	-0.506	-0.505	0.000	-0.06%	0.30%
10	4b	-0.505	-0.505	0.000	-0.04%	0.20%
10	5b	-0.506	-0.505	0.000	-0.06%	0.30%
10	6b	-0.506	-0.505	0.000	-0.06%	0.30%
10	7b	-0.505	-0.505	0.000	-0.04%	0.20%
10	8b	-0.506	-0.505	0.000	-0.08%	0.40%
10	9b	-0.506	-0.505	0.000	-0.06%	0.30%
10	10b	-0.506	-0.505	0.000	-0.04%	0.20%
20	1c	-0.505	-0.504	0.002	-0.36%	1.80%
20	2c	-0.505	-0.504	0.002	-0.36%	1.80%
20	3c	-0.506	-0.504	0.002	-0.38%	1.90%
20	4c	-0.505	-0.504	0.002	-0.36%	1.80%
20	5c	-0.506	-0.503	0.002	-0.40%	2.00%
20	6c	-0.506	-0.504	0.002	-0.38%	1.90%
20	7c	-0.505	-0.504	0.002	-0.36%	1.80%
20	8c	-0.506	-0.504	0.002	-0.38%	1.90%
20	9c	-0.506	-0.503	0.002	-0.40%	2.00%
20	10c	-0.506	-0.504	0.002	-0.38%	1.90%
30	1d	-0.505	-0.503	0.002	-0.42%	2.10%
30	2d	-0.505	-0.503	0.002	-0.44%	2.20%
30	3d	-0.506	-0.503	0.002	-0.44%	2.20%
30	4d	-0.505	-0.503	0.002	-0.40%	2.00%
30	5d	-0.506	-0.503	0.002	-0.44%	2.20%
30	6d	-0.506	-0.503	0.002	-0.44%	2.20%
30	7d	-0.505	-0.503	0.002	-0.42%	2.10%
30	8d	-0.506	-0.503	0.002	-0.42%	2.10%
30	9d	-0.506	-0.503	0.002	-0.44%	2.20%
30	10d	-0.506	-0.503	0.002	-0.42%	2.10%
Max		-0.505	-0.503	0.002	-0.04%	2.20%
Average		-0.505	-0.504	0.001	-0.28%	1.43%
Min		-0.506	-0.505	0.000	-0.44%	0.20%
Std Dev		0.000	0.001	0.001	0.17%	0.84%



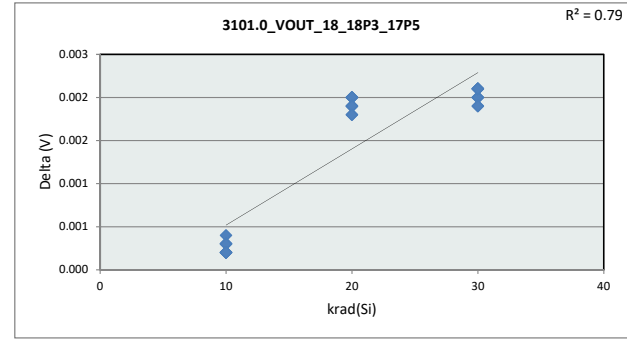
3100.0_VOUT_18_18P3_17P5			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.45	V	
Min Limit	-0.55	V	
krad(Si)	10	20	30
LL	-0.550	-0.550	-0.550
Min	-0.505	-0.504	-0.503
Average	-0.505	-0.504	-0.503
Max	-0.505	-0.504	-0.503
UL	-0.450	-0.450	-0.450



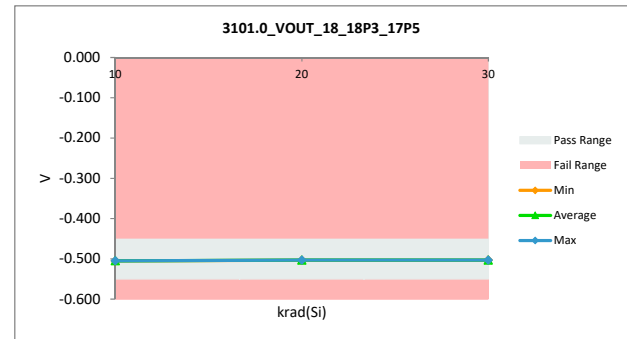
# LDR TID Report OPA4H014-SEP

3101.0_VOUT_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.45	-0.45
Min Limit	-0.55	-0.55

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.505	-0.505	0.000	-0.04%	0.20%
10	2b	-0.505	-0.505	0.000	-0.04%	0.20%
10	3b	-0.505	-0.505	0.000	-0.08%	0.40%
10	4b	-0.505	-0.505	0.000	-0.06%	0.30%
10	5b	-0.505	-0.505	0.000	-0.06%	0.30%
10	6b	-0.505	-0.505	0.000	-0.06%	0.30%
10	7b	-0.505	-0.505	0.000	-0.04%	0.20%
10	8b	-0.505	-0.505	0.000	-0.06%	0.30%
10	9b	-0.505	-0.505	0.000	-0.04%	0.20%
10	10b	-0.505	-0.505	0.000	-0.04%	0.20%
20	1c	-0.505	-0.503	0.002	-0.36%	1.80%
20	2c	-0.505	-0.503	0.002	-0.38%	1.90%
20	3c	-0.505	-0.503	0.002	-0.40%	2.00%
20	4c	-0.505	-0.503	0.002	-0.38%	1.90%
20	5c	-0.505	-0.503	0.002	-0.40%	2.00%
20	6c	-0.505	-0.503	0.002	-0.40%	2.00%
20	7c	-0.505	-0.503	0.002	-0.40%	2.00%
20	8c	-0.505	-0.503	0.002	-0.38%	1.90%
20	9c	-0.505	-0.503	0.002	-0.38%	1.90%
20	10c	-0.505	-0.503	0.002	-0.36%	1.80%
30	1d	-0.505	-0.503	0.002	-0.42%	2.10%
30	2d	-0.505	-0.503	0.002	-0.40%	2.00%
30	3d	-0.505	-0.503	0.002	-0.42%	2.10%
30	4d	-0.505	-0.503	0.002	-0.40%	2.00%
30	5d	-0.505	-0.503	0.002	-0.40%	2.00%
30	6d	-0.505	-0.503	0.002	-0.42%	2.10%
30	7d	-0.505	-0.503	0.002	-0.42%	2.10%
30	8d	-0.505	-0.503	0.002	-0.42%	2.10%
30	9d	-0.505	-0.503	0.002	-0.38%	1.90%
30	10d	-0.505	-0.503	0.002	-0.38%	1.90%
	Max	-0.505	-0.503	0.002	-0.04%	2.10%
	Average	-0.505	-0.504	0.001	-0.28%	1.40%
	Min	-0.505	-0.505	0.000	-0.42%	0.20%
	Std Dev	0.000	0.001	0.001	0.16%	0.83%



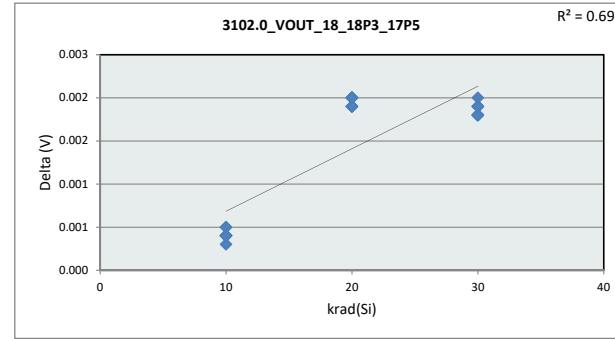
3101.0_VOUT_18_18P3_17P5		
Test Site	TI Dallas	
Tester	ETS364	
Test Number	EB6298	
Max Limit	-0.45	V
Min Limit	-0.55	V
krad(Si)	10	20
LL	-0.550	-0.550
Min	-0.505	-0.504
Average	-0.505	-0.503
Max	-0.505	-0.503
UL	-0.450	-0.450



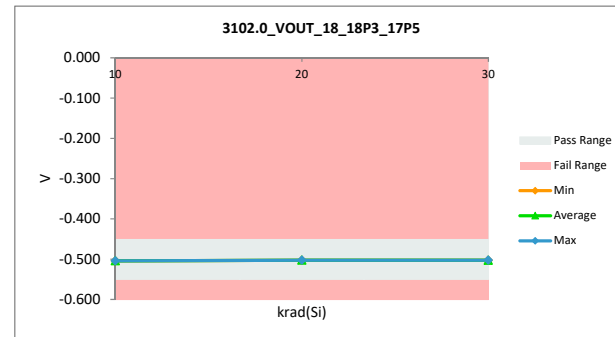
# LDR TID Report OPA4H014-SEP

3102.0_VOUT_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.45	-0.45
Min Limit	-0.55	-0.55

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.505	-0.504	0.001	-0.10%	0.50%
10	2b	-0.505	-0.504	0.000	-0.08%	0.40%
10	3b	-0.505	-0.504	0.000	-0.10%	0.50%
10	4b	-0.504	-0.504	0.000	-0.06%	0.30%
10	5b	-0.505	-0.504	0.000	-0.08%	0.40%
10	6b	-0.505	-0.504	0.000	-0.08%	0.40%
10	7b	-0.505	-0.504	0.000	-0.08%	0.40%
10	8b	-0.505	-0.504	0.000	-0.08%	0.40%
10	9b	-0.505	-0.504	0.000	-0.08%	0.40%
10	10b	-0.505	-0.504	0.000	-0.08%	0.40%
20	1c	-0.505	-0.503	0.002	-0.40%	2.00%
20	2c	-0.505	-0.503	0.002	-0.38%	1.90%
20	3c	-0.505	-0.503	0.002	-0.40%	2.00%
20	4c	-0.504	-0.503	0.002	-0.38%	1.90%
20	5c	-0.505	-0.503	0.002	-0.40%	2.00%
20	6c	-0.505	-0.503	0.002	-0.40%	2.00%
20	7c	-0.505	-0.503	0.002	-0.38%	1.90%
20	8c	-0.505	-0.503	0.002	-0.38%	1.90%
20	9c	-0.505	-0.503	0.002	-0.40%	2.00%
20	10c	-0.505	-0.503	0.002	-0.40%	2.00%
30	1d	-0.505	-0.503	0.002	-0.38%	1.90%
30	2d	-0.505	-0.503	0.002	-0.38%	1.90%
30	3d	-0.505	-0.503	0.002	-0.36%	1.80%
30	4d	-0.504	-0.503	0.002	-0.36%	1.80%
30	5d	-0.505	-0.503	0.002	-0.36%	1.80%
30	6d	-0.505	-0.503	0.002	-0.36%	1.80%
30	7d	-0.505	-0.503	0.002	-0.36%	1.80%
30	8d	-0.505	-0.503	0.002	-0.40%	2.00%
30	9d	-0.505	-0.503	0.002	-0.38%	1.90%
30	10d	-0.505	-0.503	0.002	-0.38%	1.90%
	Max	-0.504	-0.503	0.002	-0.06%	2.00%
	Average	-0.505	-0.503	0.001	-0.28%	1.41%
	Min	-0.505	-0.504	0.000	-0.40%	0.30%
	Std Dev	0.000	0.001	0.001	0.14%	0.72%



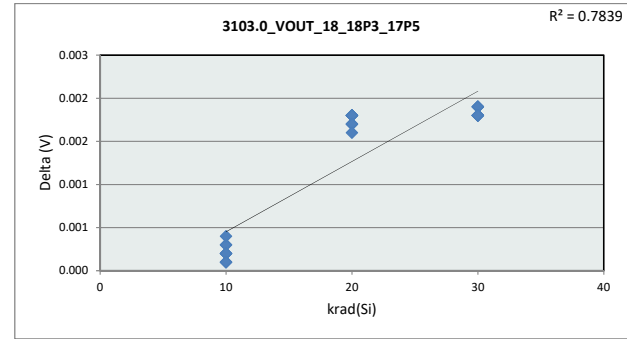
3102.0_VOUT_18_18P3_17P5			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.45	V	
Min Limit	-0.55	V	
krad(Si)	10	20	30
LL	-0.550	-0.550	-0.550
Min	-0.504	-0.503	-0.503
Average	-0.504	-0.503	-0.503
Max	-0.504	-0.503	-0.503
UL	-0.450	-0.450	-0.450



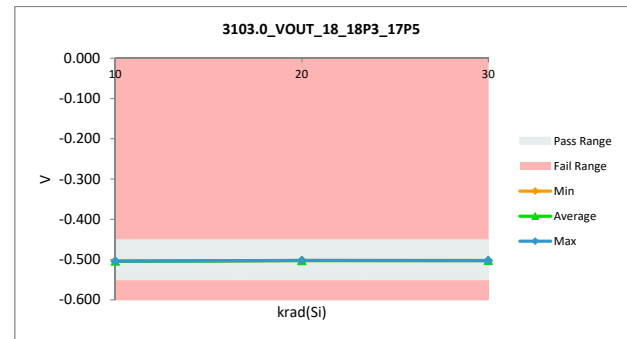
LDR TID Report  
OPA4H014-SEP

3103.0_VOUT_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	V	V
Max Limit	-0.45	-0.45
Min Limit	-0.55	-0.55

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.504	-0.504	0.000	-0.04%	0.20%
10	2b	-0.504	-0.504	0.000	-0.06%	0.30%
10	3b	-0.504	-0.504	0.000	-0.06%	0.30%
10	4b	-0.504	-0.504	0.000	-0.04%	0.20%
10	5b	-0.504	-0.504	0.000	-0.08%	0.40%
10	6b	-0.504	-0.504	0.000	-0.02%	0.10%
10	7b	-0.504	-0.504	0.000	-0.04%	0.20%
10	8b	-0.504	-0.504	0.000	-0.02%	0.10%
10	9b	-0.504	-0.504	0.000	-0.04%	0.20%
10	10b	-0.504	-0.504	0.000	-0.02%	0.10%
20	1c	-0.504	-0.502	0.002	-0.36%	1.80%
20	2c	-0.504	-0.502	0.002	-0.36%	1.80%
20	3c	-0.504	-0.502	0.002	-0.36%	1.80%
20	4c	-0.504	-0.502	0.002	-0.34%	1.70%
20	5c	-0.504	-0.502	0.002	-0.36%	1.80%
20	6c	-0.504	-0.502	0.002	-0.36%	1.80%
20	7c	-0.504	-0.502	0.002	-0.34%	1.70%
20	8c	-0.504	-0.502	0.002	-0.36%	1.80%
20	9c	-0.504	-0.502	0.002	-0.34%	1.70%
20	10c	-0.504	-0.503	0.002	-0.32%	1.60%
30	1d	-0.504	-0.502	0.002	-0.38%	1.90%
30	2d	-0.504	-0.502	0.002	-0.38%	1.90%
30	3d	-0.504	-0.502	0.002	-0.38%	1.90%
30	4d	-0.504	-0.502	0.002	-0.36%	1.80%
30	5d	-0.504	-0.502	0.002	-0.36%	1.80%
30	6d	-0.504	-0.502	0.002	-0.38%	1.90%
30	7d	-0.504	-0.502	0.002	-0.36%	1.80%
30	8d	-0.504	-0.502	0.002	-0.36%	1.80%
30	9d	-0.504	-0.502	0.002	-0.36%	1.80%
30	10d	-0.504	-0.502	0.002	-0.36%	1.80%
	Max	-0.504	-0.502	0.002	-0.02%	1.90%
	Average	-0.504	-0.503	0.001	-0.25%	1.27%
	Min	-0.504	-0.504	0.000	-0.38%	0.10%
	Std Dev	0.000	0.001	0.001	0.15%	0.76%



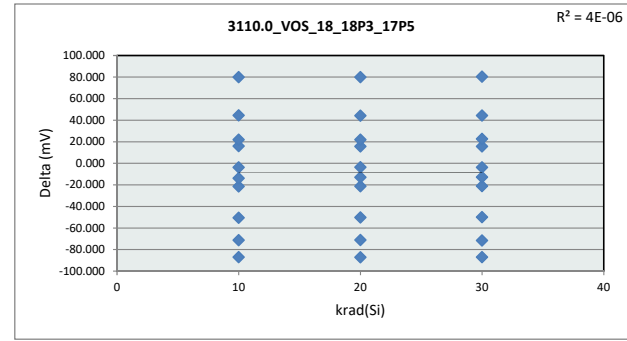
3103.0_VOUT_18_18P3_17P5			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.45	V	
Min Limit	-0.55	V	
krad(Si)	10	20	30
LL	-0.550	-0.550	-0.550
Min	-0.504	-0.503	-0.503
Average	-0.504	-0.502	-0.502
Max	-0.504	-0.502	-0.502
UL	-0.450	-0.450	-0.450



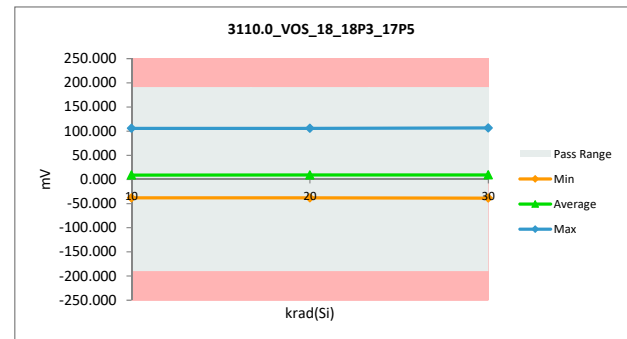
# LDR TID Report OPA4H014-SEP

3110.0_VOS_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mV	mV
Max Limit	190	190
Min Limit	-190	-190

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	10.000	-11.500	-21.500	-215.00%	5.66%
10	2b	78.900	-8.200	-87.100	-110.39%	22.92%
10	3b	58.000	7.500	-50.500	-87.07%	13.29%
10	4b	33.000	-38.400	-71.400	-216.36%	18.79%
10	5b	-33.000	-36.800	-3.800	11.52%	1.00%
10	6b	-10.700	5.200	15.900	-148.60%	4.18%
10	7b	-9.000	70.900	79.900	-887.78%	21.03%
10	8b	14.700	0.800	-13.900	-94.56%	3.66%
10	9b	83.900	105.700	21.800	25.98%	5.74%
10	10b	-48.900	-4.500	44.400	-90.80%	11.68%
20	1c	10.000	-11.400	-21.400	-214.00%	5.63%
20	2c	78.900	-8.300	-87.200	-110.52%	22.95%
20	3c	58.000	7.700	-50.300	-86.72%	13.24%
20	4c	33.000	-38.200	-71.200	-215.76%	18.74%
20	5c	-33.000	-36.700	-3.700	11.21%	0.97%
20	6c	-10.700	4.900	15.600	-145.79%	4.11%
20	7c	-9.000	70.900	79.900	-887.78%	21.03%
20	8c	14.700	1.700	-13.000	-88.44%	3.42%
20	9c	83.900	105.700	21.800	25.98%	5.74%
20	10c	-48.900	-4.800	44.100	-90.18%	11.61%
30	1d	10.000	-11.200	-21.200	-212.00%	5.58%
30	2d	78.900	-8.200	-87.100	-110.39%	22.92%
30	3d	58.000	8.000	-50.000	-86.21%	13.16%
30	4d	33.000	-38.700	-71.700	-217.27%	18.87%
30	5d	-33.000	-36.800	-3.800	11.52%	1.00%
30	6d	-10.700	4.900	15.600	-145.79%	4.11%
30	7d	-9.000	71.300	80.300	-892.22%	21.13%
30	8d	14.700	1.900	-12.800	-87.07%	3.37%
30	9d	83.900	106.500	22.600	26.94%	5.95%
30	10d	-48.900	-4.700	44.200	-90.39%	11.63%
	Max	83.900	106.500	80.300	26.94%	22.95%
	Average	17.690	9.173	-8.517	-180.60%	10.77%
	Min	-48.900	-38.700	-87.200	-892.22%	0.97%
	Std Dev	43.841	43.828	50.074	252.33%	7.67%



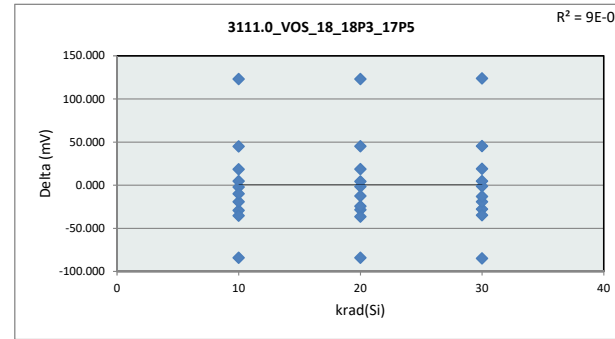
3110.0_VOS_18_18P3_17P5			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	190	mV	
Min Limit	-190	mV	
krad(Si)	10	20	30
LL	-190.000	-190.000	-190.000
Min	-38.400	-38.200	-38.700
Average	9.070	9.150	9.300
Max	105.700	105.700	106.500
UL	190.000	190.000	190.000



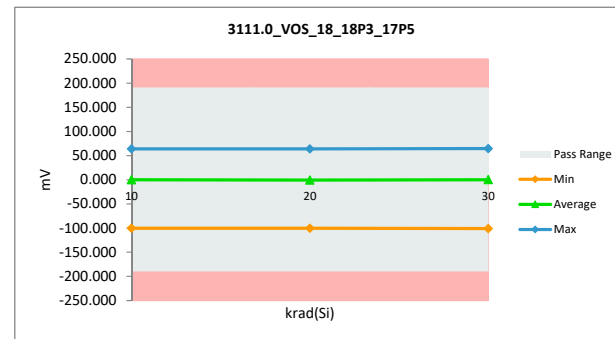
# LDR TID Report OPA4H014-SEP

3111.0_VOS_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mV	mV
Max Limit	190	190
Min Limit	-190	-190

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	32.100	2.800	-29.300	-91.28%	7.71%
10	2b	-48.400	-3.500	44.900	-92.77%	11.82%
10	3b	-8.300	-10.600	-2.300	27.71%	0.61%
10	4b	57.400	22.000	-35.400	-61.67%	9.32%
10	5b	-16.200	-100.400	-84.200	519.75%	22.16%
10	6b	26.800	31.400	4.600	17.16%	1.21%
10	7b	21.800	2.500	-19.300	-88.53%	5.08%
10	8b	-39.400	-49.500	-10.100	25.63%	2.66%
10	9b	-59.300	63.800	123.100	-207.59%	32.39%
10	10b	22.500	40.800	18.300	81.33%	4.82%
20	1c	32.100	3.600	-28.500	-88.79%	7.50%
20	2c	-48.400	-3.300	45.100	-93.18%	11.87%
20	3c	-8.300	-10.000	-1.700	20.48%	0.45%
20	4c	57.400	20.900	-36.500	-63.59%	9.61%
20	5c	-16.200	-100.400	-84.200	519.75%	22.16%
20	6c	26.800	31.000	4.200	15.67%	1.11%
20	7c	21.800	-2.600	-24.400	-111.93%	6.42%
20	8c	-39.400	-52.100	-12.700	32.23%	3.34%
20	9c	-59.300	63.800	123.100	-207.59%	32.39%
20	10c	22.500	41.100	18.600	82.67%	4.89%
30	1d	32.100	4.200	-27.900	-86.92%	7.34%
30	2d	-48.400	-3.100	45.300	-93.60%	11.92%
30	3d	-8.300	-9.500	-1.200	14.46%	0.32%
30	4d	57.400	22.500	-34.900	-60.80%	9.18%
30	5d	-16.200	-101.100	-84.900	524.07%	22.34%
30	6d	26.800	31.500	4.700	17.54%	1.24%
30	7d	21.800	2.600	-19.200	-88.07%	5.05%
30	8d	-39.400	-52.500	-13.100	33.25%	3.45%
30	9d	-59.300	64.500	123.800	-208.77%	32.58%
30	10d	22.500	41.400	18.900	84.00%	4.97%
	Max	57.400	64.500	123.800	524.07%	32.58%
	Average	-1.100	-0.273	0.827	12.36%	9.86%
	Min	-59.300	-101.100	-84.900	-208.77%	0.32%
	Std Dev	37.722	45.648	53.251	190.75%	9.79%



3111.0_VOS_18_18P3_17P5			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	190	mV	
Min Limit	-190	mV	
krad(Si)	10	20	30
LL	-190.000	-190.000	-190.000
Min	-100.400	-100.400	-101.100
Average	-0.070	-0.800	0.050
Max	63.800	63.800	64.500
UL	190.000	190.000	190.000

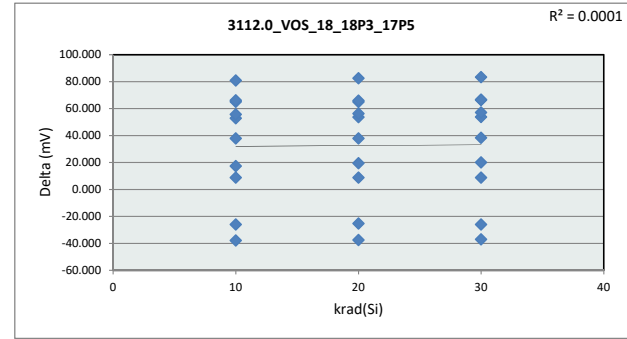




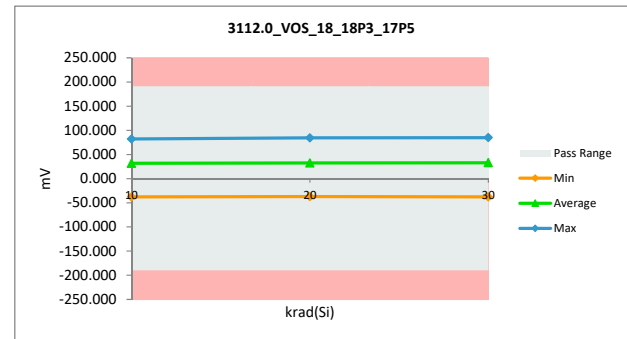
# LDR TID Report OPA4H014-SEP

3112.0_VOS_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mV	mV
Max Limit	190	190
Min Limit	-190	-190

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-18.700	62.100	80.800	-432.09%	21.26%
10	2b	-32.600	20.200	52.800	-161.96%	13.89%
10	3b	52.200	14.300	-37.900	-72.61%	9.97%
10	4b	-40.300	24.700	65.000	-161.29%	17.11%
10	5b	-20.300	35.400	55.700	-274.38%	14.66%
10	6b	-19.700	-11.000	8.700	-44.16%	2.29%
10	7b	-11.800	-37.800	-26.000	220.34%	6.84%
10	8b	64.800	82.100	17.300	26.70%	4.55%
10	9b	9.000	75.100	66.100	734.44%	17.39%
10	10b	14.800	52.600	37.800	255.41%	9.95%
20	1c	-18.700	63.800	82.500	-441.18%	21.71%
20	2c	-32.600	21.000	53.600	-164.42%	14.11%
20	3c	52.200	14.600	-37.600	-72.03%	9.89%
20	4c	-40.300	24.600	64.900	-161.04%	17.08%
20	5c	-20.300	36.000	56.300	-277.34%	14.82%
20	6c	-19.700	-11.000	8.700	-44.16%	2.29%
20	7c	-11.800	-37.100	-25.300	214.41%	6.66%
20	8c	64.800	84.200	19.400	29.94%	5.11%
20	9c	9.000	74.900	65.900	732.22%	17.34%
20	10c	14.800	52.700	37.900	256.08%	9.97%
30	1d	-18.700	64.600	83.300	-445.45%	21.92%
30	2d	-32.600	21.200	53.800	-165.03%	14.16%
30	3d	52.200	15.100	-37.100	-71.07%	9.76%
30	4d	-40.300	26.000	66.300	-164.52%	17.45%
30	5d	-20.300	36.800	57.100	-281.28%	15.03%
30	6d	-19.700	-10.900	8.800	-44.67%	2.32%
30	7d	-11.800	-37.800	-26.000	220.34%	6.84%
30	8d	64.800	84.800	20.000	30.86%	5.26%
30	9d	9.000	75.600	66.600	740.00%	17.53%
30	10d	14.800	53.100	38.300	258.78%	10.08%
	Max	64.800	84.800	83.300	740.00%	21.92%
	Average	-0.260	32.330	32.590	8.03%	11.91%
	Min	-40.300	-37.800	-37.900	-445.45%	2.29%
	Std Dev	34.037	36.872	39.099	319.30%	5.94%



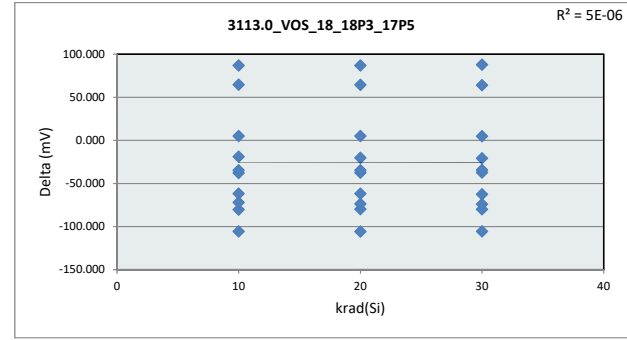
3112.0_VOS_18_18P3_17P5			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	190	mV	
Min Limit	-190	mV	
krad(Si)	10	20	30
LL	-190.000	-190.000	-190.000
Min	-37.800	-37.100	-37.800
Average	31.770	32.370	32.850
Max	82.100	84.200	84.800
UL	190.000	190.000	190.000



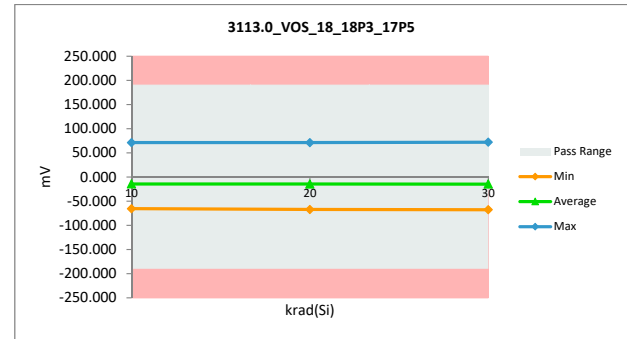
LDR TID Report  
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3113.0_VOS_18_18P3_17P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mV	mV
Max Limit	190	190
Min Limit	-190	-190

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-15.200	-10.200	5.000	-32.89%	1.32%
10	2b	-97.800	-33.200	64.600	-66.05%	17.00%
10	3b	98.500	-7.100	-105.600	-107.21%	27.79%
10	4b	50.900	-29.500	-80.400	-157.96%	21.16%
10	5b	44.300	6.500	-37.800	-85.33%	9.95%
10	6b	44.300	9.700	-34.600	-78.10%	9.11%
10	7b	-15.600	71.200	86.800	-556.41%	22.84%
10	8b	-5.000	-23.900	-18.900	378.00%	4.97%
10	9b	1.200	-60.500	-61.700	-5141.67%	16.24%
10	10b	6.500	-65.500	-72.000	-1107.69%	18.95%
20	1c	-15.200	-10.100	5.100	-33.55%	1.34%
20	2c	-97.800	-33.400	64.400	-65.85%	16.95%
20	3c	98.500	-7.300	-105.800	-107.41%	27.84%
20	4c	50.900	-28.800	-79.700	-156.58%	20.97%
20	5c	44.300	6.800	-37.500	-84.65%	9.87%
20	6c	44.300	9.700	-34.600	-78.10%	9.11%
20	7c	-15.600	71.300	86.900	-557.05%	22.87%
20	8c	-5.000	-25.300	-20.300	406.00%	5.34%
20	9c	1.200	-60.500	-61.700	-5141.67%	16.24%
20	10c	6.500	-67.100	-73.600	-1132.31%	19.37%
30	1d	-15.200	-10.300	4.900	-32.24%	1.29%
30	2d	-97.800	-33.800	64.000	-65.44%	16.84%
30	3d	98.500	-7.100	-105.600	-107.21%	27.79%
30	4d	50.900	-29.000	-79.900	-156.97%	21.03%
30	5d	44.300	7.000	-37.300	-84.20%	9.82%
30	6d	44.300	9.900	-34.400	-77.65%	9.05%
30	7d	-15.600	72.100	87.700	-562.18%	23.08%
30	8d	-5.000	-25.700	-20.700	414.00%	5.45%
30	9d	1.200	-61.300	-62.500	-5208.33%	16.45%
30	10d	6.500	-67.600	-74.100	-1140.00%	19.50%
	Max	98.500	72.100	87.700	414.00%	27.84%
	Average	11.210	-14.433	-25.643	-697.56%	14.98%
	Min	-97.800	-67.600	-105.800	-5208.33%	1.29%
	Std Dev	50.925	38.149	60.130	1562.39%	8.08%



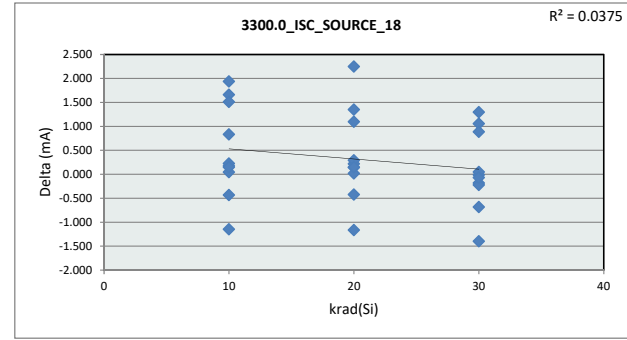
3113.0_VOS_18_18P3_17P5			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	190	mV	
Min Limit	-190	mV	
krad(Si)	10	20	30
LL	-190.000	-190.000	-190.000
Min	-65.500	-67.100	-67.600
Average	-14.250	-14.470	-14.580
Max	71.200	71.300	72.100
UL	190.000	190.000	190.000



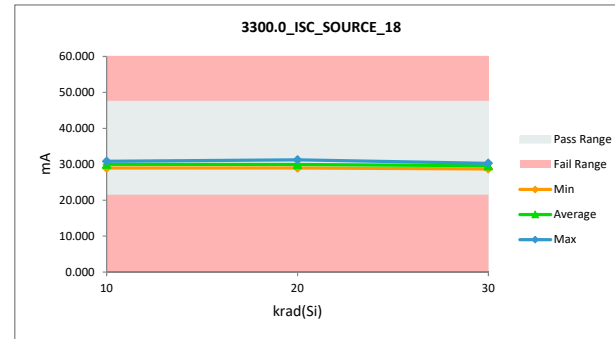
LDR TID Report  
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3300.0_ISC_SOURCE_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	47.5	47.5
Min Limit	21.5	21.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	28.978	29.810	0.832	2.87%	3.20%
10	2b	28.950	30.609	1.659	5.73%	6.38%
10	3b	29.938	30.113	0.175	0.58%	0.67%
10	4b	28.978	30.489	1.511	5.21%	5.81%
10	5b	29.613	29.836	0.223	0.75%	0.86%
10	6b	30.401	29.967	-0.434	-1.43%	1.67%
10	7b	30.106	28.959	-1.147	-3.81%	4.41%
10	8b	28.892	30.831	1.939	6.71%	7.46%
10	9b	29.730	29.775	0.045	0.15%	0.17%
10	10b	29.509	29.656	0.147	0.50%	0.57%
20	1c	28.978	29.120	0.142	0.49%	0.55%
20	2c	28.950	30.299	1.349	4.66%	5.19%
20	3c	29.938	30.156	0.218	0.73%	0.84%
20	4c	28.978	31.227	2.249	7.76%	8.65%
20	5c	29.613	29.903	0.290	0.98%	1.12%
20	6c	30.401	29.979	-0.422	-1.39%	1.62%
20	7c	30.106	28.940	-1.166	-3.87%	4.48%
20	8c	28.892	29.988	1.096	3.79%	4.22%
20	9c	29.730	29.748	0.018	0.06%	0.07%
20	10c	29.509	29.657	0.148	0.50%	0.57%
30	1d	28.978	28.796	-0.182	-0.63%	0.70%
30	2d	28.950	30.007	1.057	3.65%	4.07%
30	3d	29.938	29.926	-0.012	-0.04%	0.05%
30	4d	28.978	30.273	1.295	4.47%	4.98%
30	5d	29.613	29.660	0.047	0.16%	0.18%
30	6d	30.401	29.718	-0.683	-2.25%	2.63%
30	7d	30.106	28.706	-1.400	-4.65%	5.38%
30	8d	28.892	29.777	0.885	3.06%	3.40%
30	9d	29.730	29.506	-0.224	-0.75%	0.86%
30	10d	29.509	29.439	-0.070	-0.24%	0.27%
	Max	30.401	31.227	2.249	7.76%	8.65%
	Average	29.510	29.829	0.319	1.13%	2.70%
	Min	28.892	28.706	-1.400	-4.65%	0.05%
	Std Dev	0.524	0.571	0.908	3.10%	2.49%



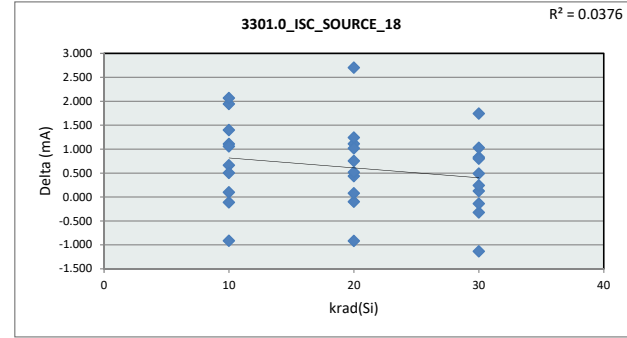
3300.0_ISC_SOURCE_18				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	47.5	mA		
Min Limit	21.5	mA		
	krad(Si)	10	20	30
LL		21.500	21.500	21.500
Min		28.959	28.940	28.706
Average		30.005	29.902	29.581
Max		30.831	31.227	30.273
UL		47.500	47.500	47.500



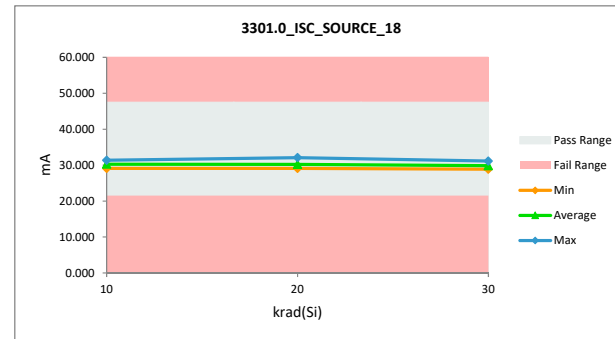
LDR TID Report  
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3301.0_ISC_SOURCE_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	47.5	47.5
Min Limit	21.5	21.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	29.430	30.536	1.106	3.76%	4.25%
10	2b	28.790	30.187	1.397	4.85%	5.37%
10	3b	29.711	29.599	-0.112	-0.38%	0.43%
10	4b	29.388	31.329	1.941	6.60%	7.47%
10	5b	29.505	30.167	0.662	2.24%	2.55%
10	6b	29.779	30.280	0.501	1.68%	1.93%
10	7b	29.888	29.984	0.096	0.32%	0.37%
10	8b	28.881	30.946	2.065	7.15%	7.94%
10	9b	29.533	30.589	1.056	3.58%	4.06%
10	10b	30.001	29.086	-0.915	-3.05%	3.52%
20	1c	29.430	29.865	0.435	1.48%	1.67%
20	2c	28.790	29.899	1.109	3.85%	4.27%
20	3c	29.711	29.611	-0.100	-0.34%	0.38%
20	4c	29.388	32.088	2.700	9.19%	10.38%
20	5c	29.505	30.258	0.753	2.55%	2.90%
20	6c	29.779	30.294	0.515	1.73%	1.98%
20	7c	29.888	29.965	0.077	0.26%	0.30%
20	8c	28.881	30.123	1.242	4.30%	4.78%
20	9c	29.533	30.550	1.017	3.44%	3.91%
20	10c	30.001	29.081	-0.920	-3.07%	3.54%
30	1d	29.430	29.555	0.125	0.42%	0.48%
30	2d	28.790	29.621	0.831	2.89%	3.20%
30	3d	29.711	29.387	-0.324	-1.09%	1.25%
30	4d	29.388	31.130	1.742	5.93%	6.70%
30	5d	29.505	29.995	0.490	1.66%	1.88%
30	6d	29.779	30.021	0.242	0.81%	0.93%
30	7d	29.888	29.747	-0.141	-0.47%	0.54%
30	8d	28.881	29.907	1.026	3.55%	3.95%
30	9d	29.533	30.331	0.798	2.70%	3.07%
30	10d	30.001	28.865	-1.136	-3.79%	4.37%
	Max	30.001	32.088	2.700	9.19%	10.38%
	Average	29.491	30.100	0.609	2.09%	3.28%
	Min	28.790	28.865	-1.136	-3.79%	0.30%
	Std Dev	0.384	0.681	0.888	3.02%	2.49%



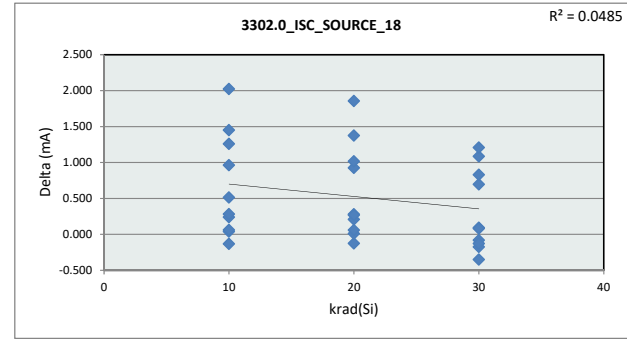
3301.0_ISC_SOURCE_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	47.5	mA	
Min Limit	21.5	mA	
	krad(Si)	10	20
LL		21.500	21.500
Min		29.086	29.081
Average		30.270	30.173
Max		31.329	32.088
UL		47.500	47.500



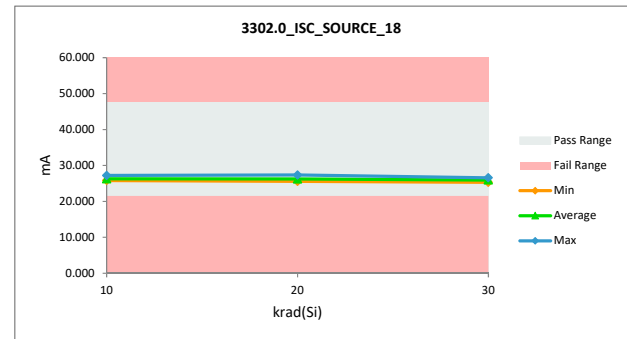
LDR TID Report  
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3302.0_ISC_SOURCE_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	47.5	47.5
Min Limit	21.5	21.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	25.227	26.678	1.451	5.75%	5.58%
10	2b	25.375	25.889	0.514	2.03%	1.98%
10	3b	25.675	25.915	0.240	0.93%	0.92%
10	4b	25.495	26.755	1.260	4.94%	4.85%
10	5b	25.227	26.189	0.962	3.81%	3.70%
10	6b	26.708	26.575	-0.133	-0.50%	0.51%
10	7b	25.561	25.843	0.282	1.10%	1.08%
10	8b	25.180	27.203	2.023	8.03%	7.78%
10	9b	26.039	26.078	0.039	0.15%	0.15%
10	10b	25.763	25.824	0.061	0.24%	0.23%
20	1c	25.227	26.152	0.925	3.67%	3.56%
20	2c	25.375	25.582	0.207	0.82%	0.80%
20	3c	25.675	25.955	0.280	1.09%	1.08%
20	4c	25.495	27.351	1.856	7.28%	7.14%
20	5c	25.227	26.244	1.017	4.03%	3.91%
20	6c	26.708	26.581	-0.127	-0.48%	0.49%
20	7c	25.561	25.829	0.268	1.05%	1.03%
20	8c	25.180	26.555	1.375	5.46%	5.29%
20	9c	26.039	26.049	0.010	0.04%	0.04%
20	10c	25.763	25.822	0.059	0.23%	0.23%
30	1d	25.227	25.923	0.696	2.76%	2.68%
30	2d	25.375	25.293	-0.082	-0.32%	0.32%
30	3d	25.675	25.768	0.093	0.36%	0.36%
30	4d	25.495	26.581	1.086	4.26%	4.18%
30	5d	25.227	26.056	0.829	3.29%	3.19%
30	6d	26.708	26.357	-0.351	-1.31%	1.35%
30	7d	25.561	25.643	0.082	0.32%	0.32%
30	8d	25.180	26.387	1.207	4.79%	4.64%
30	9d	26.039	25.865	-0.174	-0.67%	0.67%
30	10d	25.763	25.634	-0.129	-0.50%	0.50%
	Max	26.708	27.351	2.023	8.03%	7.78%
	Average	25.625	26.153	0.528	2.09%	2.28%
	Min	25.180	25.293	-0.351	-1.31%	0.04%
	Std Dev	0.451	0.473	0.649	2.56%	2.26%



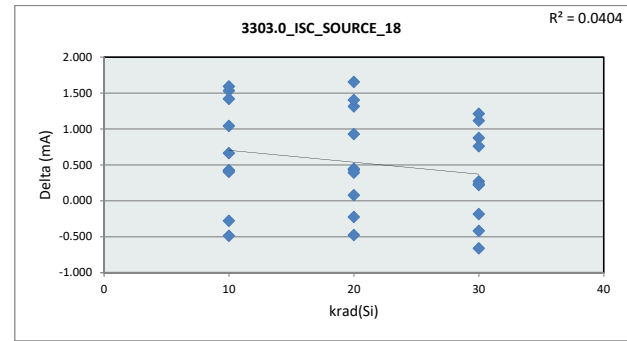
3302.0_ISC_SOURCE_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	47.5	mA	
Min Limit	21.5	mA	
krad(Si)	10	20	30
LL	21.500	21.500	21.500
Min	25.824	25.582	25.293
Average	26.295	26.212	25.951
Max	27.203	27.351	26.581
UL	47.500	47.500	47.500



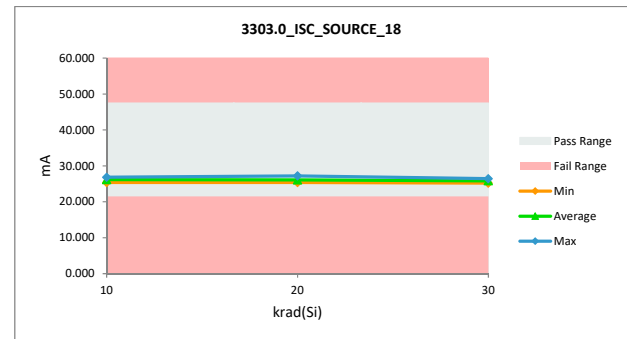
# LDR TID Report OPA4H014-SEP

3303.0_ISC_SOURCE_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	47.5	47.5
Min Limit	21.5	21.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	25.638	26.303	0.665	2.59%	2.56%
10	2b	24.626	26.159	1.533	6.23%	5.90%
10	3b	24.917	25.342	0.425	1.71%	1.63%
10	4b	25.560	26.603	1.043	4.08%	4.01%
10	5b	25.862	25.584	-0.278	-1.07%	1.07%
10	6b	26.039	26.458	0.419	1.61%	1.61%
10	7b	25.639	26.042	0.403	1.57%	1.55%
10	8b	25.252	26.844	1.592	6.30%	6.12%
10	9b	24.970	26.390	1.420	5.69%	5.46%
10	10b	26.479	25.993	-0.486	-1.84%	1.87%
20	1c	25.638	25.717	0.079	0.31%	0.30%
20	2c	24.626	25.941	1.315	5.34%	5.06%
20	3c	24.917	25.362	0.445	1.79%	1.71%
20	4c	25.560	27.215	1.655	6.47%	6.37%
20	5c	25.862	25.638	-0.224	-0.87%	0.86%
20	6c	26.039	26.470	0.431	1.66%	1.66%
20	7c	25.639	26.032	0.393	1.53%	1.51%
20	8c	25.252	26.182	0.930	3.68%	3.58%
20	9c	24.970	26.374	1.404	5.62%	5.40%
20	10c	26.479	26.003	-0.476	-1.80%	1.83%
30	1d	25.638	25.453	-0.185	-0.72%	0.71%
30	2d	24.626	25.742	1.116	4.53%	4.29%
30	3d	24.917	25.187	0.270	1.08%	1.04%
30	4d	25.560	26.436	0.876	3.43%	3.37%
30	5d	25.862	25.444	-0.418	-1.62%	1.61%
30	6d	26.039	26.271	0.232	0.89%	0.89%
30	7d	25.639	25.860	0.221	0.86%	0.85%
30	8d	25.252	26.011	0.759	3.01%	2.92%
30	9d	24.970	26.181	1.211	4.85%	4.66%
30	10d	26.479	25.818	-0.661	-2.50%	2.54%
	Max	26.479	27.215	1.655	6.47%	6.37%
	Average	25.498	26.035	0.537	2.15%	2.76%
	Min	24.626	25.187	-0.661	-2.50%	0.30%
	Std Dev	0.545	0.466	0.685	2.71%	1.86%



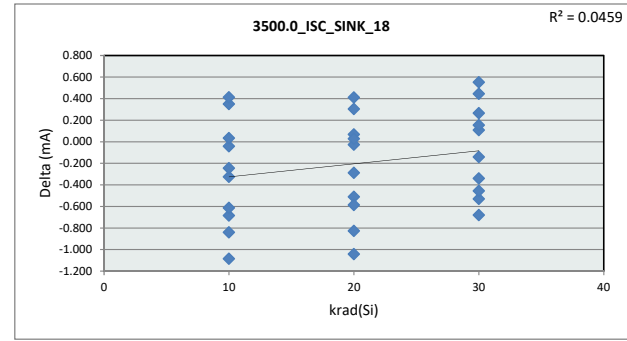
3303.0_ISC_SOURCE_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	47.5	mA	
Min Limit	21.5	mA	
krad(Si)	10	20	30
LL	21.500	21.500	21.500
Min	25.342	25.362	25.187
Average	26.172	26.093	25.840
Max	26.844	27.215	26.436
UL	47.500	47.500	47.500



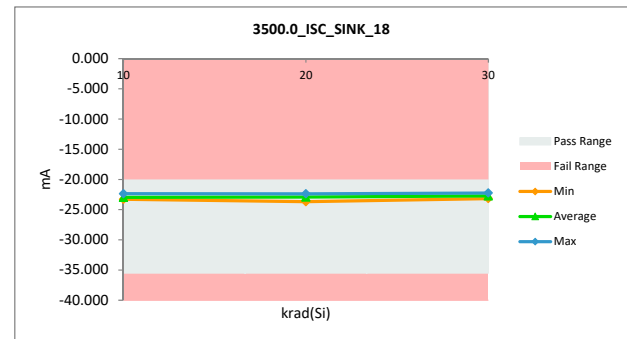
# LDR TID Report OPA4H014-SEP

3500.0_ISC_SINK_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-20	-20
Min Limit	-35.5	-35.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-22.982	-23.308	-0.326	1.42%	2.10%
10	2b	-22.207	-22.892	-0.685	3.08%	4.42%
10	3b	-23.132	-22.782	0.350	-1.51%	2.26%
10	4b	-22.642	-23.256	-0.614	2.71%	3.96%
10	5b	-22.733	-22.978	-0.245	1.08%	1.58%
10	6b	-22.792	-22.380	0.412	-1.81%	2.66%
10	7b	-22.853	-22.895	-0.042	0.18%	0.27%
10	8b	-22.053	-23.139	-1.086	4.92%	7.01%
10	9b	-22.339	-23.180	-0.841	3.76%	5.43%
10	10b	-22.936	-22.902	0.034	-0.15%	0.22%
20	1c	-22.982	-22.914	0.068	-0.30%	0.44%
20	2c	-22.207	-22.718	-0.511	2.30%	3.30%
20	3c	-23.132	-22.828	0.304	-1.31%	1.96%
20	4c	-22.642	-23.685	-1.043	4.61%	6.73%
20	5c	-22.733	-23.022	-0.289	1.27%	1.86%
20	6c	-22.792	-22.382	0.410	-1.80%	2.65%
20	7c	-22.853	-22.880	-0.027	0.12%	0.17%
20	8c	-22.053	-22.640	-0.587	2.66%	3.79%
20	9c	-22.339	-23.166	-0.827	3.70%	5.34%
20	10c	-22.936	-22.909	0.027	-0.12%	0.17%
30	1d	-22.982	-22.717	0.265	-1.15%	1.71%
30	2d	-22.207	-22.547	-0.340	1.53%	2.19%
30	3d	-23.132	-22.688	0.444	-1.92%	2.86%
30	4d	-22.642	-23.172	-0.530	2.34%	3.42%
30	5d	-22.733	-22.875	-0.142	0.62%	0.92%
30	6d	-22.792	-22.241	0.551	-2.42%	3.55%
30	7d	-22.853	-22.745	0.108	-0.47%	0.70%
30	8d	-22.053	-22.509	-0.456	2.07%	2.94%
30	9d	-22.339	-23.020	-0.681	3.05%	4.39%
30	10d	-22.936	-22.782	0.154	-0.67%	0.99%
	Max	-22.053	-22.241	0.551	4.92%	7.01%
	Average	-22.667	-22.872	-0.205	0.93%	2.67%
	Min	-23.132	-23.685	-1.086	-2.42%	0.17%
	Std Dev	0.343	0.305	0.468	2.08%	1.89%



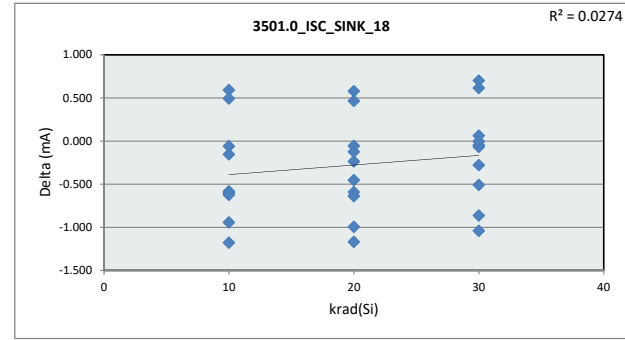
3500.0_ISC_SINK_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-20	mA	
Min Limit	-35.5	mA	
krad(Si)	10	20	30
LL	-35.500	-35.500	-35.500
Min	-23.308	-23.685	-23.172
Average	-22.971	-22.914	-22.730
Max	-22.380	-22.382	-22.241
UL	-20.000	-20.000	-20.000



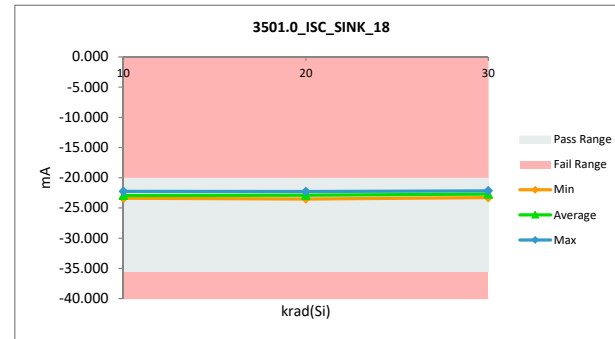
LDR TID Report  
OPA4H014-SEP

3501.0_ISC_SINK_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-20	-20
Min Limit	-35.5	-35.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-22.442	-23.044	-0.602	2.68%	3.88%
10	2b	-22.373	-22.969	-0.596	2.66%	3.85%
10	3b	-22.862	-22.271	0.591	-2.59%	3.81%
10	4b	-22.921	-23.075	-0.154	0.67%	0.99%
10	5b	-22.070	-23.013	-0.943	4.27%	6.08%
10	6b	-22.876	-22.384	0.492	-2.15%	3.17%
10	7b	-22.988	-23.049	-0.061	0.27%	0.39%
10	8b	-22.576	-23.160	-0.584	2.59%	3.77%
10	9b	-21.826	-23.005	-1.179	5.40%	7.61%
10	10b	-22.785	-23.409	-0.624	2.74%	4.03%
20	1c	-22.442	-22.678	-0.236	1.05%	1.52%
20	2c	-22.373	-22.827	-0.454	2.03%	2.93%
20	3c	-22.862	-22.284	0.578	-2.53%	3.73%
20	4c	-22.921	-23.513	-0.592	2.58%	3.82%
20	5c	-22.070	-23.066	-0.996	4.51%	6.43%
20	6c	-22.876	-22.411	0.465	-2.03%	3.00%
20	7c	-22.988	-23.045	-0.057	0.25%	0.37%
20	8c	-22.576	-22.702	-0.126	0.56%	0.81%
20	9c	-21.826	-22.996	-1.170	5.36%	7.55%
20	10c	-22.785	-23.425	-0.640	2.81%	4.13%
30	1d	-22.442	-22.509	-0.067	0.30%	0.43%
30	2d	-22.373	-22.653	-0.280	1.25%	1.81%
30	3d	-22.862	-22.161	0.701	-3.07%	4.52%
30	4d	-22.921	-22.968	-0.047	0.21%	0.30%
30	5d	-22.070	-22.933	-0.863	3.91%	5.57%
30	6d	-22.876	-22.261	0.615	-2.69%	3.97%
30	7d	-22.988	-22.925	0.063	-0.27%	0.41%
30	8d	-22.576	-22.580	-0.004	0.02%	0.03%
30	9d	-21.826	-22.867	-1.041	4.77%	6.72%
30	10d	-22.785	-23.295	-0.510	2.24%	3.29%
	Max	-21.826	-22.161	0.701	5.40%	7.61%
	Average	-22.572	-22.849	-0.277	1.26%	3.30%
	Min	-22.988	-23.513	-1.179	-3.07%	0.03%
	Std Dev	0.378	0.365	0.558	2.50%	2.24%



3501.0_ISC_SINK_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-20	mA	
Min Limit	-35.5	mA	
krad(Si)	10	20	30
LL	-35.500	-35.500	-35.500
Min	-23.409	-23.513	-23.295
Average	-22.938	-22.895	-22.715
Max	-22.271	-22.284	-22.161
UL	-20.000	-20.000	-20.000

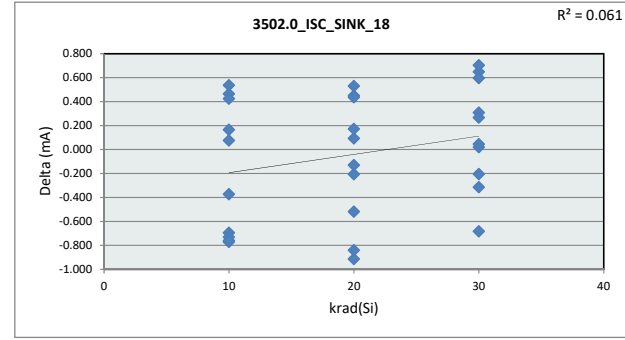




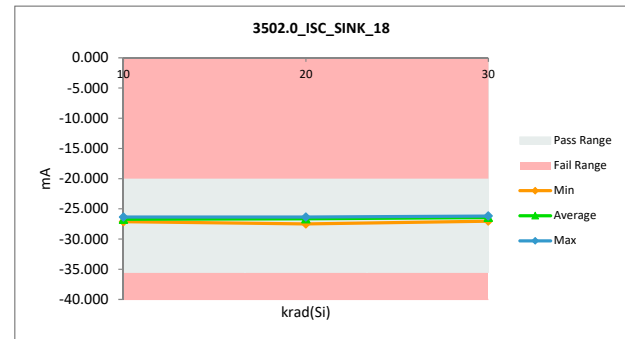
# LDR TID Report OPA4H014-SEP

3502.0_ISC_SINK_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-20	-20
Min Limit	-35.5	-35.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-26.447	-27.143	-0.696	2.63%	4.49%
10	2b	-26.221	-26.952	-0.731	2.79%	4.72%
10	3b	-26.544	-26.379	0.165	-0.62%	1.06%
10	4b	-26.584	-26.957	-0.373	1.40%	2.41%
10	5b	-26.357	-27.128	-0.771	2.93%	4.97%
10	6b	-27.082	-26.618	0.464	-1.71%	2.99%
10	7b	-26.870	-26.446	0.424	-1.58%	2.74%
10	8b	-26.285	-27.046	-0.761	2.90%	4.91%
10	9b	-26.462	-26.386	0.076	-0.29%	0.49%
10	10b	-26.897	-26.361	0.536	-1.99%	3.46%
20	1c	-26.447	-26.654	-0.207	0.78%	1.34%
20	2c	-26.221	-26.740	-0.519	1.98%	3.35%
20	3c	-26.544	-26.373	0.171	-0.64%	1.10%
20	4c	-26.584	-27.498	-0.914	3.44%	5.90%
20	5c	-26.357	-27.198	-0.841	3.19%	5.43%
20	6c	-27.082	-26.632	0.450	-1.66%	2.90%
20	7c	-26.870	-26.434	0.436	-1.62%	2.81%
20	8c	-26.285	-26.415	-0.130	0.49%	0.84%
20	9c	-26.462	-26.369	0.093	-0.35%	0.60%
20	10c	-26.897	-26.368	0.529	-1.97%	3.41%
30	1d	-26.447	-26.428	0.019	-0.07%	0.12%
30	2d	-26.221	-26.536	-0.315	1.20%	2.03%
30	3d	-26.544	-26.236	0.308	-1.16%	1.99%
30	4d	-26.584	-26.789	-0.205	0.77%	1.32%
30	5d	-26.357	-27.040	-0.683	2.59%	4.41%
30	6d	-27.082	-26.433	0.649	-2.40%	4.19%
30	7d	-26.870	-26.274	0.596	-2.22%	3.85%
30	8d	-26.285	-26.241	0.044	-0.17%	0.28%
30	9d	-26.462	-26.196	0.266	-1.01%	1.72%
30	10d	-26.897	-26.194	0.703	-2.61%	4.54%
	Max	-26.221	-26.194	0.703	3.44%	5.90%
	Average	-26.575	-26.615	-0.041	0.17%	2.81%
	Min	-27.082	-27.498	-0.914	-2.61%	0.12%
	Std Dev	0.276	0.352	0.513	1.93%	1.68%



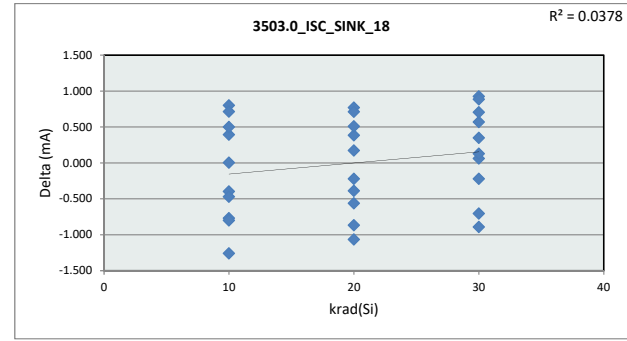
3502.0_ISC_SINK_18				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	-20	mA		
Min Limit	-35.5	mA		
	krad(Si)	10	20	30
LL		-35.500	-35.500	-35.500
Min		-27.143	-27.498	-27.040
Average		-26.742	-26.668	-26.437
Max		-26.361	-26.368	-26.194
UL		-20.000	-20.000	-20.000



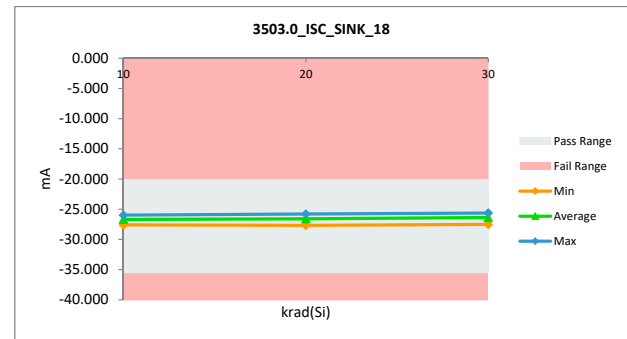
# LDR TID Report OPA4H014-SEP

3503.0_ISC_SINK_18		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-20	-20
Min Limit	-35.5	-35.5

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-26.501	-27.269	-0.768	2.90%	4.95%
10	2b	-25.845	-27.103	-1.258	4.87%	8.12%
10	3b	-26.919	-26.117	0.802	-2.98%	5.17%
10	4b	-26.606	-26.602	0.004	-0.02%	0.03%
10	5b	-26.808	-27.608	-0.800	2.98%	5.16%
10	6b	-26.372	-25.979	0.393	-1.49%	2.54%
10	7b	-26.391	-26.787	-0.396	1.50%	2.55%
10	8b	-25.972	-26.443	-0.471	1.81%	3.04%
10	9b	-27.069	-26.569	0.500	-1.85%	3.23%
10	10b	-27.058	-26.343	0.715	-2.64%	4.61%
20	1c	-26.501	-26.722	-0.221	0.83%	1.43%
20	2c	-25.845	-26.909	-1.064	4.12%	6.86%
20	3c	-26.919	-26.150	0.769	-2.86%	4.96%
20	4c	-26.606	-27.167	-0.561	2.11%	3.62%
20	5c	-26.808	-27.675	-0.867	3.23%	5.59%
20	6c	-26.372	-25.988	0.384	-1.46%	2.48%
20	7c	-26.391	-26.778	-0.387	1.47%	2.50%
20	8c	-25.972	-25.798	0.174	-0.67%	1.12%
20	9c	-27.069	-26.559	0.510	-1.88%	3.29%
20	10c	-27.058	-26.346	0.712	-2.63%	4.59%
30	1d	-26.501	-26.439	0.062	-0.23%	0.40%
30	2d	-25.845	-26.735	-0.890	3.44%	5.74%
30	3d	-26.919	-25.993	0.926	-3.44%	5.97%
30	4d	-26.606	-26.478	0.128	-0.48%	0.83%
30	5d	-26.808	-27.513	-0.705	2.63%	4.55%
30	6d	-26.372	-25.802	0.570	-2.16%	3.68%
30	7d	-26.391	-26.611	-0.220	0.83%	1.42%
30	8d	-25.972	-25.623	0.349	-1.34%	2.25%
30	9d	-27.069	-26.364	0.705	-2.60%	4.55%
30	10d	-27.058	-26.172	0.886	-3.27%	5.72%
	Max	-25.845	-25.623	0.926	4.87%	8.12%
	Average	-26.554	-26.555	-0.001	0.02%	3.70%
	Min	-27.069	-27.675	-1.258	-3.44%	0.03%
	Std Dev	0.410	0.538	0.660	2.49%	1.99%



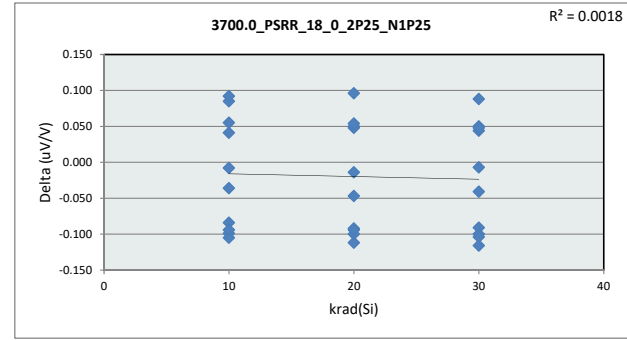
3503.0_ISC_SINK_18			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-20	mA	
Min Limit	-35.5	mA	
krad(Si)	10	20	30
LL	-35.500	-35.500	-35.500
Min	-27.608	-27.675	-27.513
Average	-26.682	-26.609	-26.373
Max	-25.979	-25.798	-25.623
UL	-20.000	-20.000	-20.000



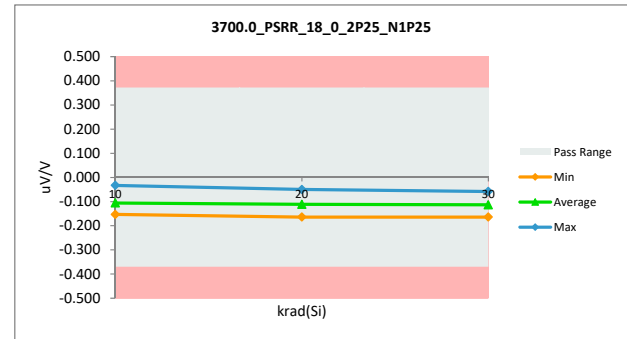
# LDR TID Report OPA4H014-SEP

3700.0_PSRR_18_0_2P25_N1P2		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.37	0.37
Min Limit	-0.37	-0.37

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.118	-0.033	0.085	-72.03%	11.49%
10	2b	-0.052	-0.151	-0.099	190.38%	13.38%
10	3b	-0.086	-0.094	-0.008	9.30%	1.08%
10	4b	-0.015	-0.120	-0.105	700.00%	14.19%
10	5b	-0.117	-0.153	-0.036	30.77%	4.86%
10	6b	-0.139	-0.098	0.041	-29.50%	5.54%
10	7b	-0.146	-0.054	0.092	-63.01%	12.43%
10	8b	-0.064	-0.148	-0.084	131.25%	11.35%
10	9b	-0.033	-0.127	-0.094	284.85%	12.70%
10	10b	-0.136	-0.081	0.055	-40.44%	7.43%
20	1c	-0.118	-0.070	0.048	-40.68%	6.49%
20	2c	-0.052	-0.144	-0.092	176.92%	12.43%
20	3c	-0.086	-0.100	-0.014	16.28%	1.89%
20	4c	-0.015	-0.127	-0.112	746.67%	15.14%
20	5c	-0.117	-0.164	-0.047	40.17%	6.35%
20	6c	-0.139	-0.089	0.050	-35.97%	6.76%
20	7c	-0.146	-0.050	0.096	-65.75%	12.97%
20	8c	-0.064	-0.164	-0.100	156.25%	13.51%
20	9c	-0.033	-0.127	-0.094	284.85%	12.70%
20	10c	-0.136	-0.082	0.054	-39.71%	7.30%
30	1d	-0.118	-0.068	0.050	-42.37%	6.76%
30	2d	-0.052	-0.143	-0.091	175.00%	12.30%
30	3d	-0.086	-0.093	-0.007	8.14%	0.95%
30	4d	-0.015	-0.131	-0.116	773.33%	15.68%
30	5d	-0.117	-0.158	-0.041	35.04%	5.54%
30	6d	-0.139	-0.095	0.044	-31.65%	5.95%
30	7d	-0.146	-0.058	0.088	-60.27%	11.89%
30	8d	-0.064	-0.164	-0.100	156.25%	13.51%
30	9d	-0.033	-0.137	-0.104	315.15%	14.05%
30	10d	-0.136	-0.088	0.048	-35.29%	6.49%
	Max	-0.015	-0.033	0.096	773.33%	15.68%
	Average	-0.091	-0.110	-0.020	122.46%	9.44%
	Min	-0.146	-0.164	-0.116	-72.03%	0.95%
	Std Dev	0.046	0.038	0.075	238.81%	4.36%



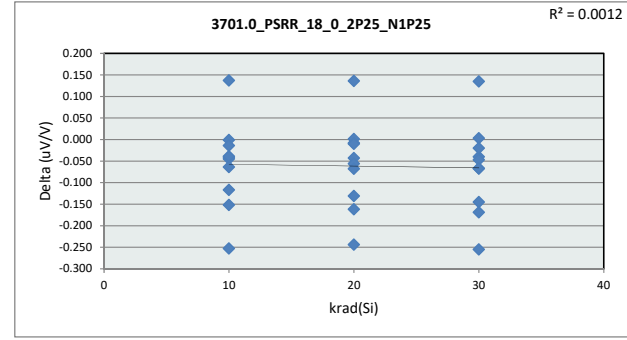
3700.0_PSRR_18_0_2P25_N1P25			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.37	uV/V	
Min Limit	-0.37	uV/V	
	10	20	30
LL	-0.370	-0.370	-0.370
Min	-0.153	-0.164	-0.164
Average	-0.106	-0.112	-0.114
Max	-0.033	-0.050	-0.058
UL	0.370	0.370	0.370



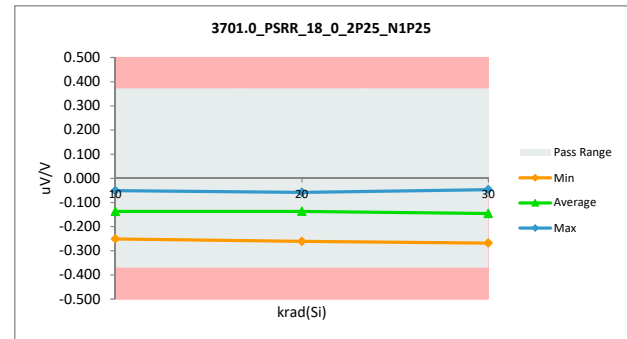
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3701.0_PSRR_18_0_2P25_N1P25		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.37	0.37
Min Limit	-0.37	-0.37

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.040	-0.157	-0.117	292.50%	15.81%
10	2b	-0.099	-0.251	-0.152	153.54%	20.54%
10	3b	-0.055	-0.096	-0.041	74.55%	5.54%
10	4b	-0.072	-0.117	-0.045	62.50%	6.08%
10	5b	-0.108	-0.147	-0.039	36.11%	5.27%
10	6b	0.052	-0.201	-0.253	-486.54%	34.19%
10	7b	-0.050	-0.051	-0.001	2.00%	0.14%
10	8b	-0.100	-0.164	-0.064	64.00%	8.65%
10	9b	-0.215	-0.078	0.137	-63.72%	18.51%
10	10b	-0.098	-0.112	-0.014	14.29%	1.89%
20	1c	-0.040	-0.171	-0.131	327.50%	17.70%
20	2c	-0.099	-0.261	-0.162	163.64%	21.89%
20	3c	-0.055	-0.098	-0.043	78.18%	5.81%
20	4c	-0.072	-0.071	0.001	-1.39%	0.14%
20	5c	-0.108	-0.164	-0.056	51.85%	7.57%
20	6c	0.052	-0.192	-0.244	-469.23%	32.97%
20	7c	-0.050	-0.058	-0.008	16.00%	1.08%
20	8c	-0.100	-0.168	-0.068	68.00%	9.19%
20	9c	-0.215	-0.079	0.136	-63.26%	18.38%
20	10c	-0.098	-0.108	-0.010	10.20%	1.35%
30	1d	-0.040	-0.185	-0.145	362.50%	19.59%
30	2d	-0.099	-0.268	-0.169	170.71%	22.84%
30	3d	-0.055	-0.095	-0.040	72.73%	5.41%
30	4d	-0.072	-0.139	-0.067	93.06%	9.05%
30	5d	-0.108	-0.155	-0.047	43.52%	6.35%
30	6d	0.052	-0.203	-0.255	-490.38%	34.46%
30	7d	-0.050	-0.047	0.003	-6.00%	0.41%
30	8d	-0.100	-0.167	-0.067	67.00%	9.05%
30	9d	-0.215	-0.080	0.135	-62.79%	18.24%
30	10d	-0.098	-0.118	-0.020	20.41%	2.70%
Max		0.052	-0.047	0.137	362.50%	34.46%
Average		-0.079	-0.140	-0.062	20.05%	12.03%
Min		-0.215	-0.268	-0.255	-490.38%	0.14%
Std Dev		0.065	0.061	0.100	199.19%	10.31%



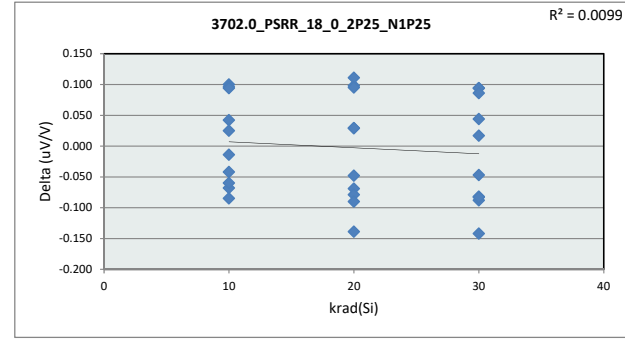
3701.0_PSRR_18_0_2P25_N1P25			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.37	uV/V	
Min Limit	-0.37	uV/V	
krad(Si)	10	20	30
LL	-0.370	-0.370	-0.370
Min	-0.251	-0.261	-0.268
Average	-0.137	-0.137	-0.146
Max	-0.051	-0.058	-0.047
UL	0.370	0.370	0.370



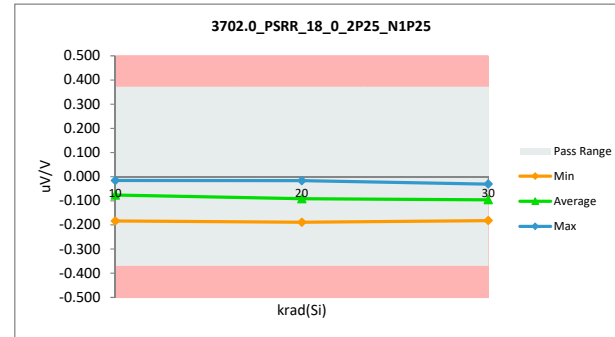
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3702.0_PSRR_18_0_2P25_N1P2		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.37	0.37
Min Limit	-0.37	-0.37

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.002	-0.016	-0.014	700.00%	1.89%
10	2b	-0.100	-0.142	-0.042	42.00%	5.68%
10	3b	-0.087	-0.045	0.042	-48.28%	5.68%
10	4b	-0.125	-0.025	0.100	-80.00%	13.51%
10	5b	-0.128	-0.032	0.096	-75.00%	12.97%
10	6b	-0.022	-0.090	-0.068	309.09%	9.19%
10	7b	-0.099	-0.184	-0.085	85.86%	11.49%
10	8b	-0.036	-0.096	-0.060	166.67%	8.11%
10	9b	-0.147	-0.053	0.094	-63.95%	12.70%
10	10b	-0.105	-0.080	0.025	-23.81%	3.38%
20	1c	-0.002	-0.071	-0.069	3450.00%	9.32%
20	2c	-0.100	-0.148	-0.048	48.00%	6.49%
20	3c	-0.087	-0.058	0.029	-33.33%	3.92%
20	4c	-0.125	-0.027	0.098	-78.40%	13.24%
20	5c	-0.128	-0.017	0.111	-86.72%	15.00%
20	6c	-0.022	-0.101	-0.079	359.09%	10.68%
20	7c	-0.099	-0.189	-0.090	90.91%	12.16%
20	8c	-0.036	-0.175	-0.139	386.11%	18.78%
20	9c	-0.147	-0.052	0.095	-64.63%	12.84%
20	10c	-0.105	-0.076	0.029	-27.62%	3.92%
30	1d	-0.002	-0.090	-0.088	4400.00%	11.89%
30	2d	-0.100	-0.147	-0.047	47.00%	6.35%
30	3d	-0.087	-0.043	0.044	-50.57%	5.95%
30	4d	-0.125	-0.031	0.094	-75.20%	12.70%
30	5d	-0.128	-0.034	0.094	-73.44%	12.70%
30	6d	-0.022	-0.104	-0.082	372.73%	11.08%
30	7d	-0.099	-0.182	-0.083	83.84%	11.22%
30	8d	-0.036	-0.178	-0.142	394.44%	19.19%
30	9d	-0.147	-0.061	0.086	-58.50%	11.62%
30	10d	-0.105	-0.088	0.017	-16.19%	2.30%
	Max	-0.002	-0.016	0.111	4400.00%	19.19%
	Average	-0.085	-0.088	-0.003	336.00%	9.86%
	Min	-0.147	-0.189	-0.142	-86.72%	1.89%
	Std Dev	0.047	0.056	0.081	1002.52%	4.51%



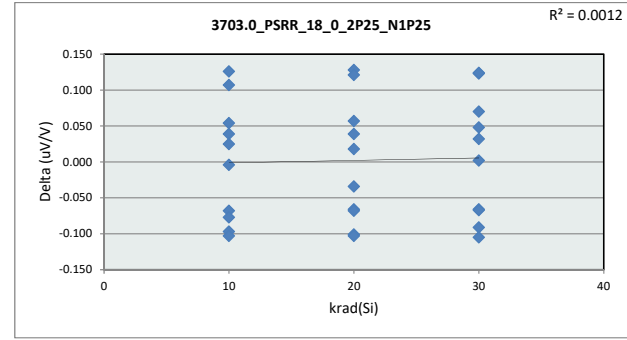
3702.0_PSRR_18_0_2P25_N1P25			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.37	uV/V	
Min Limit	-0.37	uV/V	
	krad(Si)	10	20
LL		-0.370	-0.370
Min		-0.184	-0.189
Average		-0.076	-0.091
Max		-0.016	-0.017
UL		0.370	0.370



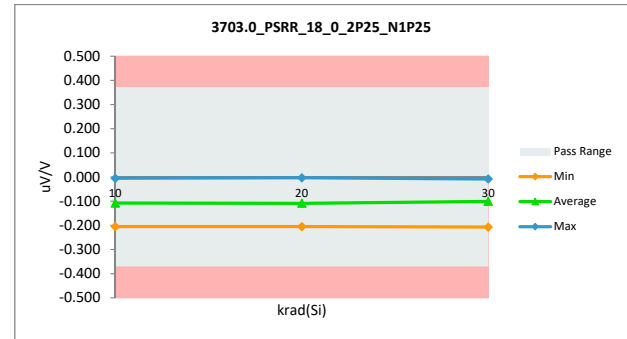
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3703.0_PSRR_18_0_2P25_N1P2		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.37	0.37
Min Limit	-0.37	-0.37

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.097	-0.165	-0.068	70.10%	9.19%
10	2b	-0.102	-0.199	-0.097	95.10%	13.11%
10	3b	-0.118	-0.064	0.054	-45.76%	7.30%
10	4b	-0.057	-0.061	-0.004	7.02%	0.54%
10	5b	-0.102	-0.205	-0.103	100.98%	13.92%
10	6b	-0.131	-0.005	0.126	-96.18%	17.03%
10	7b	-0.002	-0.079	-0.077	3850.00%	10.41%
10	8b	-0.149	-0.042	0.107	-71.81%	14.46%
10	9b	-0.166	-0.127	0.039	-23.49%	5.27%
10	10b	-0.155	-0.130	0.025	-16.13%	3.38%
20	1c	-0.097	-0.163	-0.066	68.04%	8.92%
20	2c	-0.102	-0.203	-0.101	99.02%	13.65%
20	3c	-0.118	-0.061	0.057	-48.31%	7.70%
20	4c	-0.057	-0.091	-0.034	59.65%	4.59%
20	5c	-0.102	-0.205	-0.103	100.98%	13.92%
20	6c	-0.131	-0.003	0.128	-97.71%	17.30%
20	7c	-0.002	-0.070	-0.068	3400.00%	9.19%
20	8c	-0.149	-0.028	0.121	-81.21%	16.35%
20	9c	-0.166	-0.127	0.039	-23.49%	5.27%
20	10c	-0.155	-0.137	0.018	-11.61%	2.43%
30	1d	-0.097	-0.163	-0.066	68.04%	8.92%
30	2d	-0.102	-0.193	-0.091	89.22%	12.30%
30	3d	-0.118	-0.048	0.070	-59.32%	9.46%
30	4d	-0.057	-0.055	0.002	-3.51%	0.27%
30	5d	-0.102	-0.207	-0.105	102.94%	14.19%
30	6d	-0.131	-0.008	0.123	-93.89%	16.62%
30	7d	-0.002	-0.069	-0.067	3350.00%	9.05%
30	8d	-0.149	-0.025	0.124	-83.22%	16.76%
30	9d	-0.166	-0.118	0.048	-28.92%	6.49%
30	10d	-0.155	-0.123	0.032	-20.65%	4.32%
	Max	-0.002	-0.003	0.128	3850.00%	17.30%
	Average	-0.108	-0.106	0.002	355.20%	9.74%
	Min	-0.166	-0.207	-0.105	-97.71%	0.27%
	Std Dev	0.048	0.067	0.082	1082.03%	5.08%



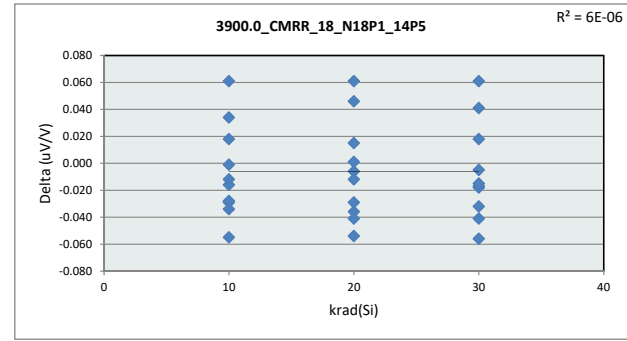
3703.0_PSRR_18_0_2P25_N1P25				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	0.37	uV/V		
Min Limit	-0.37	uV/V		
	krad(Si)	10	20	30
LL		-0.370	-0.370	-0.370
Min		-0.205	-0.205	-0.207
Average		-0.108	-0.109	-0.101
Max		-0.005	-0.003	-0.008
UL		0.370	0.370	0.370



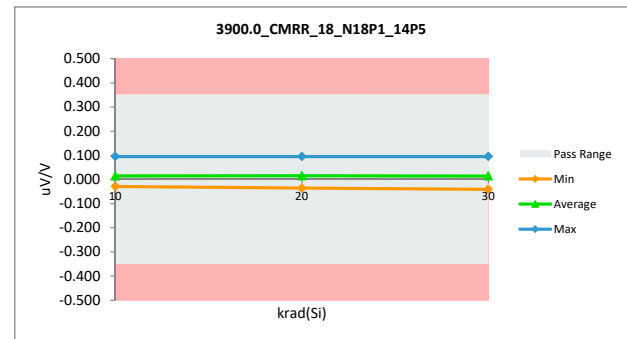
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3900.0_CMRR_18_N18P1_14P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.35	0.35
Min Limit	-0.35	-0.35

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.000	-0.029	-0.029	#DIV/0!	4.14%
10	2b	0.083	0.049	-0.034	-40.96%	4.86%
10	3b	0.056	0.001	-0.055	-98.21%	7.86%
10	4b	0.017	0.001	-0.016	-94.12%	2.29%
10	5b	-0.014	0.004	0.018	-128.57%	2.57%
10	6b	0.047	0.019	-0.028	-59.57%	4.00%
10	7b	-0.006	-0.007	-0.001	16.67%	0.14%
10	8b	-0.022	0.012	0.034	-154.55%	4.86%
10	9b	0.034	0.095	0.061	179.41%	8.71%
10	10b	0.011	-0.001	-0.012	-109.09%	1.71%
20	1c	0.000	-0.036	-0.036	#DIV/0!	5.14%
20	2c	0.083	0.042	-0.041	-49.40%	5.86%
20	3c	0.056	0.002	-0.054	-96.43%	7.71%
20	4c	0.017	0.011	-0.006	-35.29%	0.86%
20	5c	-0.014	0.001	0.015	-107.14%	2.14%
20	6c	0.047	0.018	-0.029	-61.70%	4.14%
20	7c	-0.006	-0.005	0.001	-16.67%	0.14%
20	8c	-0.022	0.024	0.046	-209.09%	6.57%
20	9c	0.034	0.095	0.061	179.41%	8.71%
20	10c	0.011	-0.001	-0.012	-109.09%	1.71%
30	1d	0.000	-0.041	-0.041	#DIV/0!	5.86%
30	2d	0.083	0.051	-0.032	-38.55%	4.57%
30	3d	0.056	0.000	-0.056	-100.00%	8.00%
30	4d	0.017	-0.001	-0.018	-105.88%	2.57%
30	5d	-0.014	0.004	0.018	-128.57%	2.57%
30	6d	0.047	0.030	-0.017	-36.17%	2.43%
30	7d	-0.006	-0.011	-0.005	83.33%	0.71%
30	8d	-0.022	0.019	0.041	-186.36%	5.86%
30	9d	0.034	0.095	0.061	179.41%	8.71%
30	10d	0.011	-0.004	-0.015	-136.36%	2.14%
	Max	0.083	0.095	0.061	#DIV/0!	8.71%
	Average	0.021	0.015	-0.006	#DIV/0!	4.25%
	Min	-0.022	-0.041	-0.056	#DIV/0!	0.14%
	Std Dev	0.033	0.034	0.035	#DIV/0!	2.68%



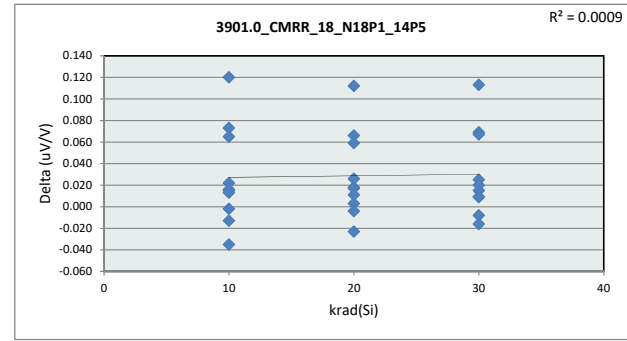
3900.0_CMRR_18_N18P1_14P			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.35	uV/V	
Min Limit	-0.35	uV/V	
	krad(Si)	10	20
LL		-0.350	-0.350
Min		-0.029	-0.036
Average		0.014	0.015
Max		0.095	0.095
UL		0.350	0.350



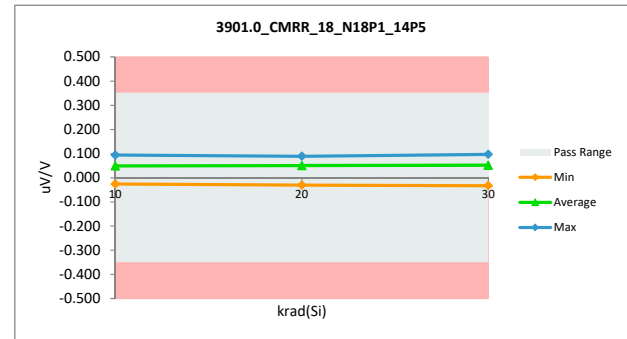
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3901.0_CMRR_18_N18P1_14P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.35	0.35
Min Limit	-0.35	-0.35

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.072	0.094	0.022	30.56%	3.14%
10	2b	-0.016	0.057	0.073	-456.25%	10.43%
10	3b	0.026	0.024	-0.002	-7.69%	0.29%
10	4b	0.067	0.054	-0.013	-19.40%	1.86%
10	5b	0.048	0.013	-0.035	-72.92%	5.00%
10	6b	-0.034	0.086	0.120	-352.94%	17.14%
10	7b	0.023	0.038	0.015	65.22%	2.14%
10	8b	-0.042	-0.026	0.016	-38.10%	2.29%
10	9b	0.052	0.065	0.013	25.00%	1.86%
10	10b	0.017	0.082	0.065	382.35%	9.29%
20	1c	0.072	0.089	0.017	23.61%	2.43%
20	2c	-0.016	0.050	0.066	-412.50%	9.43%
20	3c	0.026	0.029	0.003	11.54%	0.43%
20	4c	0.067	0.063	-0.004	-5.97%	0.57%
20	5c	0.048	0.025	-0.023	-47.92%	3.29%
20	6c	-0.034	0.078	0.112	-329.41%	16.00%
20	7c	0.023	0.041	0.018	78.26%	2.57%
20	8c	-0.042	-0.031	0.011	-26.19%	1.57%
20	9c	0.052	0.078	0.026	50.00%	3.71%
20	10c	0.017	0.076	0.059	347.06%	8.43%
30	1d	0.072	0.097	0.025	34.72%	3.57%
30	2d	-0.016	0.053	0.069	-431.25%	9.86%
30	3d	0.026	0.018	-0.008	-30.77%	1.14%
30	4d	0.067	0.076	0.009	13.43%	1.29%
30	5d	0.048	0.032	-0.016	-33.33%	2.29%
30	6d	-0.034	0.079	0.113	-332.35%	16.14%
30	7d	0.023	0.038	0.015	65.22%	2.14%
30	8d	-0.042	-0.033	0.009	-21.43%	1.29%
30	9d	0.052	0.072	0.020	38.46%	2.86%
30	10d	0.017	0.084	0.067	394.12%	9.57%
	Max	0.072	0.097	0.120	394.12%	17.14%
	Average	0.021	0.050	0.029	-35.30%	5.07%
	Min	-0.042	-0.033	-0.035	-456.25%	0.29%
	Std Dev	0.039	0.036	0.041	213.95%	4.95%



3901.0_CMRR_18_N18P1_14P5			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.35	uV/V	
Min Limit	-0.35	uV/V	
krad(Si)	10	20	30
LL	-0.350	-0.350	-0.350
Min	-0.026	-0.031	-0.033
Average	0.049	0.050	0.052
Max	0.094	0.089	0.097
UL	0.350	0.350	0.350

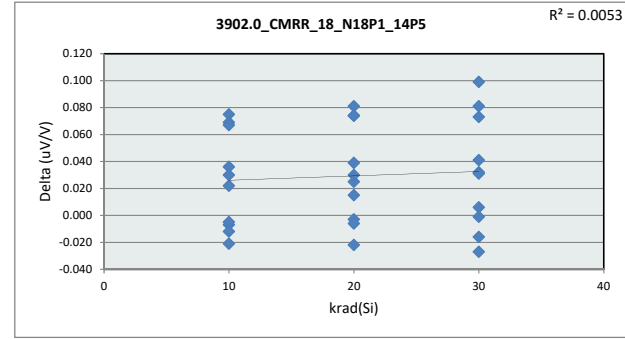




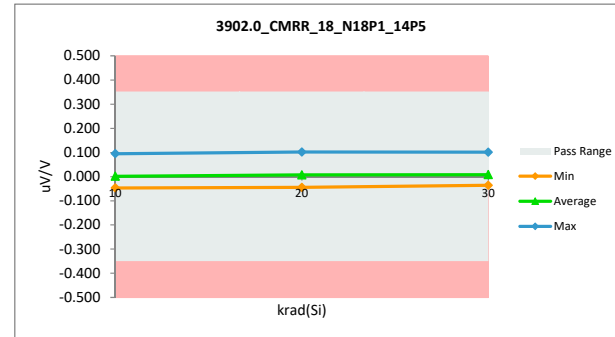
LDR TID Report  
OPA4H014-SEP

3902.0_CMRR_18_N18P1_14P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.35	0.35
Min Limit	-0.35	-0.35

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.074	0.001	0.075	-101.35%	10.71%
10	2b	-0.021	0.001	0.022	-104.76%	3.14%
10	3b	-0.018	-0.025	-0.007	38.89%	1.00%
10	4b	-0.060	0.009	0.069	-115.00%	9.86%
10	5b	-0.042	-0.047	-0.005	11.90%	0.71%
10	6b	-0.049	-0.013	0.036	-73.47%	5.14%
10	7b	-0.016	-0.028	-0.012	75.00%	1.71%
10	8b	0.028	0.095	0.067	239.29%	9.57%
10	9b	0.047	0.026	-0.021	-44.68%	3.00%
10	10b	-0.034	-0.004	0.030	-88.24%	4.29%
20	1c	-0.074	0.007	0.081	-109.46%	11.57%
20	2c	-0.021	0.004	0.025	-119.05%	3.57%
20	3c	-0.018	-0.003	0.015	-83.33%	2.14%
20	4c	-0.060	0.014	0.074	-123.33%	10.57%
20	5c	-0.042	-0.045	-0.003	7.14%	0.43%
20	6c	-0.049	-0.010	0.039	-79.59%	5.57%
20	7c	-0.016	-0.022	-0.006	37.50%	0.86%
20	8c	0.028	0.102	0.074	264.29%	10.57%
20	9c	0.047	0.025	-0.022	-46.81%	3.14%
20	10c	-0.034	-0.004	0.030	-88.24%	4.29%
30	1d	-0.074	0.025	0.099	-133.78%	14.14%
30	2d	-0.021	0.011	0.032	-152.38%	4.57%
30	3d	-0.018	-0.019	-0.001	5.56%	0.14%
30	4d	-0.060	0.021	0.081	-135.00%	11.57%
30	5d	-0.042	-0.036	0.006	-14.29%	0.86%
30	6d	-0.049	-0.008	0.041	-83.67%	5.86%
30	7d	-0.016	-0.032	-0.016	100.00%	2.29%
30	8d	0.028	0.101	0.073	260.71%	10.43%
30	9d	0.047	0.020	-0.027	-57.45%	3.86%
30	10d	-0.034	-0.003	0.031	-91.18%	4.43%
	Max	0.047	0.102	0.099	264.29%	14.14%
	Average	-0.024	0.005	0.029	-26.83%	5.33%
	Min	-0.074	-0.047	-0.027	-152.38%	0.14%
	Std Dev	0.036	0.038	0.037	115.17%	4.12%



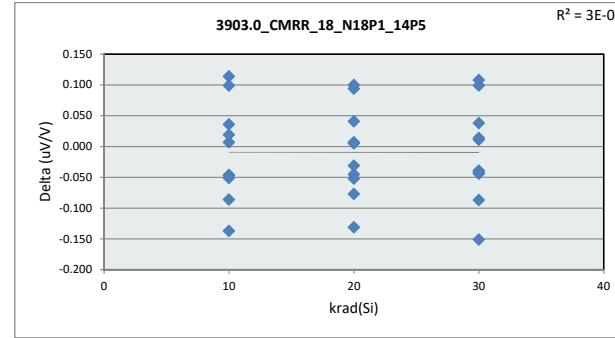
3902.0_CMRR_18_N18P1_14P5			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.35	uV/V	
Min Limit	-0.35	uV/V	
krad(Si)	10	20	30
LL	-0.350	-0.350	-0.350
Min	-0.047	-0.045	-0.036
Average	0.002	0.007	0.008
Max	0.095	0.102	0.101
UL	0.350	0.350	0.350



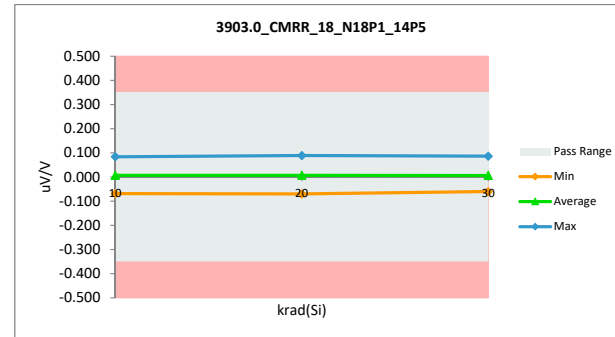
LDR TID Report  
OPA4H014-SEP

3903.0_CMRR_18_N18P1_14P5		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	uV/V	uV/V
Max Limit	0.35	0.35
Min Limit	-0.35	-0.35

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.006	0.013	0.007	116.67%	1.00%
10	2b	-0.060	0.039	0.099	-165.00%	14.14%
10	3b	0.095	-0.042	-0.137	-144.21%	19.57%
10	4b	0.053	0.007	-0.046	-86.79%	6.57%
10	5b	0.048	0.084	0.036	75.00%	5.14%
10	6b	0.066	0.019	-0.047	-71.21%	6.71%
10	7b	-0.069	0.045	0.114	-165.22%	16.29%
10	8b	-0.018	-0.069	-0.051	283.33%	7.29%
10	9b	0.007	0.026	0.019	271.43%	2.71%
10	10b	0.031	-0.055	-0.086	-277.42%	12.29%
20	1c	0.006	0.013	0.007	116.67%	1.00%
20	2c	-0.060	0.034	0.094	-156.67%	13.43%
20	3c	0.095	-0.036	-0.131	-137.89%	18.71%
20	4c	0.053	0.022	-0.031	-58.49%	4.43%
20	5c	0.048	0.089	0.041	85.42%	5.86%
20	6c	0.066	0.021	-0.045	-68.18%	6.43%
20	7c	-0.069	0.031	0.100	-144.93%	14.29%
20	8c	-0.018	-0.070	-0.052	288.89%	7.43%
20	9c	0.007	0.012	0.005	71.43%	0.71%
20	10c	0.031	-0.046	-0.077	-248.39%	11.00%
30	1d	0.006	0.017	0.011	183.33%	1.57%
30	2d	-0.060	0.039	0.099	-165.00%	14.14%
30	3d	0.095	-0.056	-0.151	-158.95%	21.57%
30	4d	0.053	0.009	-0.044	-83.02%	6.29%
30	5d	0.048	0.086	0.038	79.17%	5.43%
30	6d	0.066	0.027	-0.039	-59.09%	5.57%
30	7d	-0.069	0.039	0.108	-156.52%	15.43%
30	8d	-0.018	-0.060	-0.042	233.33%	6.00%
30	9d	0.007	0.021	0.014	200.00%	2.00%
30	10d	0.031	-0.056	-0.087	-280.65%	12.43%
	Max	0.095	0.089	0.114	288.89%	21.57%
	Average	0.016	0.007	-0.009	-20.77%	8.85%
	Min	-0.069	-0.070	-0.151	-280.65%	0.71%
	Std Dev	0.052	0.046	0.075	173.14%	5.97%



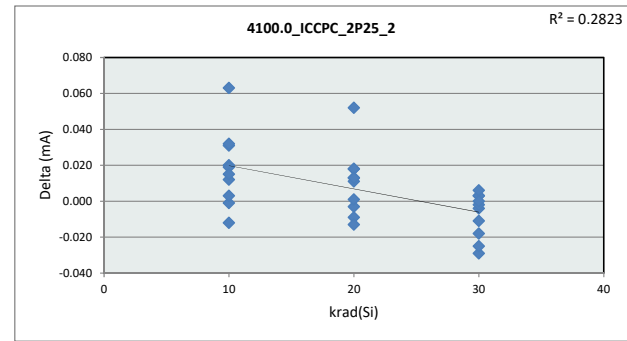
3903.0_CMRR_18_N18P1_14P5			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.35	uV/V	
Min Limit	-0.35	uV/V	
krad(Si)	10	20	30
LL	-0.350	-0.350	-0.350
Min	-0.069	-0.070	-0.060
Average	0.007	0.007	0.007
Max	0.084	0.089	0.086
UL	0.350	0.350	0.350



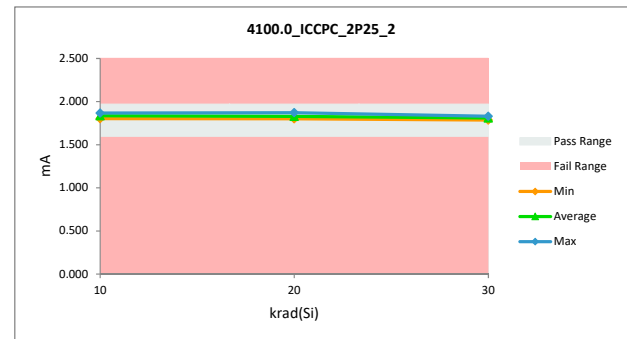
# LDR TID Report OPA4H014-SEP

4100.0_ICCPC_2P25_2		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	1.97	1.97
Min Limit	1.59	1.59

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	1.829	1.860	0.031	1.69%	8.16%
10	2b	1.814	1.846	0.032	1.76%	8.42%
10	3b	1.803	1.802	-0.001	-0.06%	0.26%
10	4b	1.820	1.840	0.020	1.10%	5.26%
10	5b	1.811	1.830	0.019	1.05%	5.00%
10	6b	1.832	1.844	0.012	0.66%	3.16%
10	7b	1.827	1.830	0.003	0.16%	0.79%
10	8b	1.804	1.867	0.063	3.49%	16.58%
10	9b	1.804	1.819	0.015	0.83%	3.95%
10	10b	1.825	1.813	-0.012	-0.66%	3.16%
20	1c	1.829	1.820	-0.009	-0.49%	2.37%
20	2c	1.814	1.827	0.013	0.72%	3.42%
20	3c	1.803	1.800	-0.003	-0.17%	0.79%
20	4c	1.820	1.872	0.052	2.86%	13.68%
20	5c	1.811	1.829	0.018	0.99%	4.74%
20	6c	1.832	1.843	0.011	0.60%	2.89%
20	7c	1.827	1.828	0.001	0.05%	0.26%
20	8c	1.804	1.822	0.018	1.00%	4.74%
20	9c	1.804	1.817	0.013	0.72%	3.42%
20	10c	1.825	1.812	-0.013	-0.71%	3.42%
30	1d	1.829	1.800	-0.029	-1.59%	7.63%
30	2d	1.814	1.810	-0.004	-0.22%	1.05%
30	3d	1.803	1.785	-0.018	-1.00%	4.74%
30	4d	1.820	1.823	0.003	0.16%	0.79%
30	5d	1.811	1.814	0.003	0.17%	0.79%
30	6d	1.832	1.830	-0.002	-0.11%	0.53%
30	7d	1.827	1.816	-0.011	-0.60%	2.89%
30	8d	1.804	1.810	0.006	0.33%	1.58%
30	9d	1.804	1.804	0.000	0.00%	0.00%
30	10d	1.825	1.800	-0.025	-1.37%	6.58%
Max		1.832	1.872	0.063	3.49%	16.58%
Average		1.817	1.824	0.007	0.38%	4.04%
Min		1.803	1.785	-0.029	-1.59%	0.00%
Std Dev		0.011	0.020	0.020	1.11%	3.86%



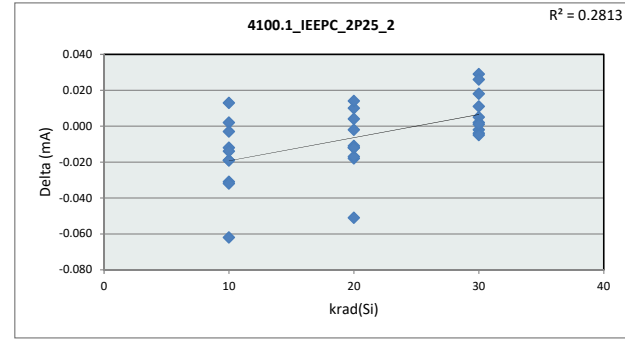
4100.0_ICCPC_2P25_2			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	1.97	mA	
Min Limit	1.59	mA	
krad(Si)	10	20	30
LL	1.590	1.590	1.590
Min	1.802	1.800	1.785
Average	1.835	1.827	1.809
Max	1.867	1.872	1.830
UL	1.970	1.970	1.970



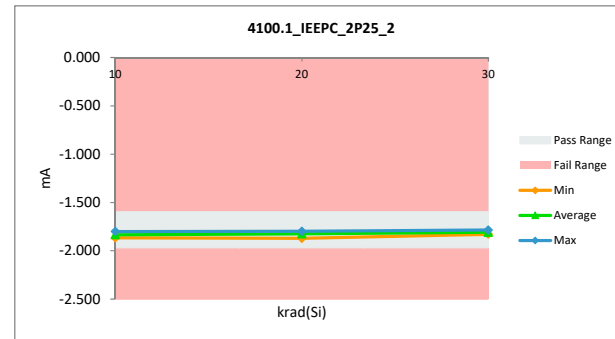
LDR TID Report  
OPA4H014-SEP

4100.1_IEEPC_2P25_2		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-1.59	-1.59
Min Limit	-1.97	-1.97

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-1.829	-1.860	-0.031	1.69%	8.16%
10	2b	-1.814	-1.846	-0.032	1.76%	8.42%
10	3b	-1.803	-1.801	0.002	-0.11%	0.53%
10	4b	-1.820	-1.839	-0.019	1.04%	5.00%
10	5b	-1.810	-1.829	-0.019	1.05%	5.00%
10	6b	-1.831	-1.843	-0.012	0.66%	3.16%
10	7b	-1.826	-1.829	-0.003	0.16%	0.79%
10	8b	-1.804	-1.866	-0.062	3.44%	16.32%
10	9b	-1.804	-1.818	-0.014	0.78%	3.68%
10	10b	-1.825	-1.812	0.013	-0.71%	3.42%
20	1c	-1.829	-1.819	0.010	-0.55%	2.63%
20	2c	-1.814	-1.826	-0.012	0.66%	3.16%
20	3c	-1.803	-1.799	0.004	-0.22%	1.05%
20	4c	-1.820	-1.871	-0.051	2.80%	13.42%
20	5c	-1.810	-1.828	-0.018	0.99%	4.74%
20	6c	-1.831	-1.842	-0.011	0.60%	2.89%
20	7c	-1.826	-1.828	-0.002	0.11%	0.53%
20	8c	-1.804	-1.821	-0.017	0.94%	4.47%
20	9c	-1.804	-1.816	-0.012	0.67%	3.16%
20	10c	-1.825	-1.811	0.014	-0.77%	3.68%
30	1d	-1.829	-1.800	0.029	-1.59%	7.63%
30	2d	-1.814	-1.809	0.005	-0.28%	1.32%
30	3d	-1.803	-1.785	0.018	-1.00%	4.74%
30	4d	-1.820	-1.822	-0.002	0.11%	0.53%
30	5d	-1.810	-1.814	-0.004	0.22%	1.05%
30	6d	-1.831	-1.829	0.002	-0.11%	0.53%
30	7d	-1.826	-1.815	0.011	-0.60%	2.89%
30	8d	-1.804	-1.809	-0.005	0.28%	1.32%
30	9d	-1.804	-1.803	0.001	-0.06%	0.26%
30	10d	-1.825	-1.799	0.026	-1.42%	6.84%
	Max	-1.803	-1.785	0.029	3.44%	16.32%
	Average	-1.817	-1.823	-0.006	0.35%	4.04%
	Min	-1.831	-1.871	-0.062	-1.59%	0.26%
	Std Dev	0.011	0.020	0.020	1.11%	3.77%



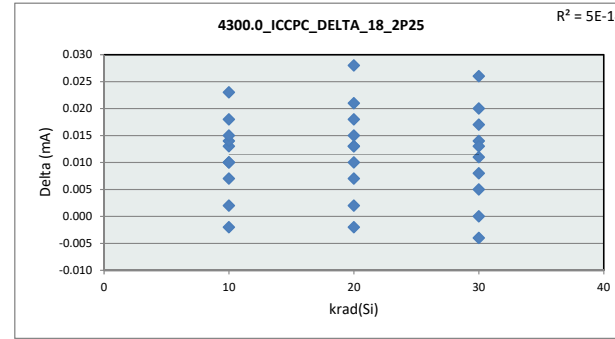
4100.1_IEEPC_2P25_2			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-1.59	mA	
Min Limit	-1.97	mA	
krad(Si)	10	20	30
LL	-1.970	-1.970	-1.970
Min	-1.866	-1.871	-1.829
Average	-1.834	-1.826	-1.809
Max	-1.801	-1.799	-1.785
UL	-1.590	-1.590	-1.590



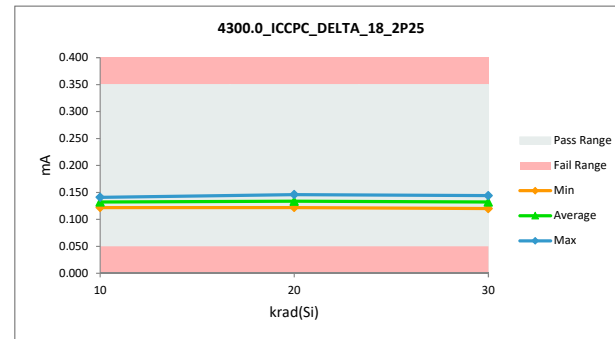
### LDR TID Report OPA4H014-SEP

4300.0_ICCPC_DELTA_18_2P25		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	0.35	0.35
Min Limit	0.05	0.05

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.123	0.136	0.013	10.57%	4.33%
10	2b	0.118	0.136	0.018	15.25%	6.00%
10	3b	0.115	0.125	0.010	8.70%	3.33%
10	4b	0.118	0.141	0.023	19.49%	7.67%
10	5b	0.122	0.136	0.014	11.48%	4.67%
10	6b	0.132	0.139	0.007	5.30%	2.33%
10	7b	0.125	0.127	0.002	1.60%	0.67%
10	8b	0.117	0.132	0.015	12.82%	5.00%
10	9b	0.118	0.128	0.010	8.47%	3.33%
10	10b	0.124	0.122	-0.002	-1.61%	0.67%
20	1c	0.123	0.138	0.015	12.20%	5.00%
20	2c	0.118	0.139	0.021	17.80%	7.00%
20	3c	0.115	0.128	0.013	11.30%	4.33%
20	4c	0.118	0.146	0.028	23.73%	9.33%
20	5c	0.122	0.140	0.018	14.75%	6.00%
20	6c	0.132	0.139	0.007	5.30%	2.33%
20	7c	0.125	0.127	0.002	1.60%	0.67%
20	8c	0.117	0.130	0.013	11.11%	4.33%
20	9c	0.118	0.128	0.010	8.47%	3.33%
20	10c	0.124	0.122	-0.002	-1.61%	0.67%
30	1d	0.123	0.137	0.014	11.38%	4.67%
30	2d	0.118	0.138	0.020	16.95%	6.67%
30	3d	0.115	0.128	0.013	11.30%	4.33%
30	4d	0.118	0.144	0.026	22.03%	8.67%
30	5d	0.122	0.139	0.017	13.93%	5.67%
30	6d	0.132	0.137	0.005	3.79%	1.67%
30	7d	0.125	0.125	0.000	0.00%	0.00%
30	8d	0.117	0.128	0.011	9.40%	3.67%
30	9d	0.118	0.126	0.008	6.78%	2.67%
30	10d	0.124	0.120	-0.004	-3.23%	1.33%
	Max	0.132	0.146	0.028	23.73%	9.33%
	Average	0.121	0.133	0.012	9.64%	4.01%
	Min	0.115	0.120	-0.004	-3.23%	0.00%
	Std Dev	0.005	0.007	0.008	6.95%	2.46%



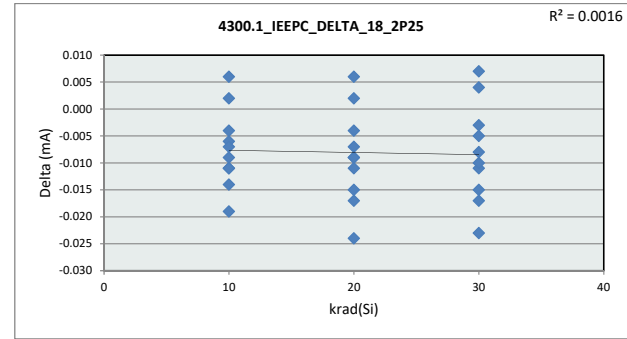
4300.0_ICCPC_DELTA_18_2P2			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.35	mA	
Min Limit	0.05	mA	
krad(Si)	10	20	30
LL	0.050	0.050	0.050
Min	0.122	0.122	0.120
Average	0.132	0.134	0.132
Max	0.141	0.146	0.144
UL	0.350	0.350	0.350



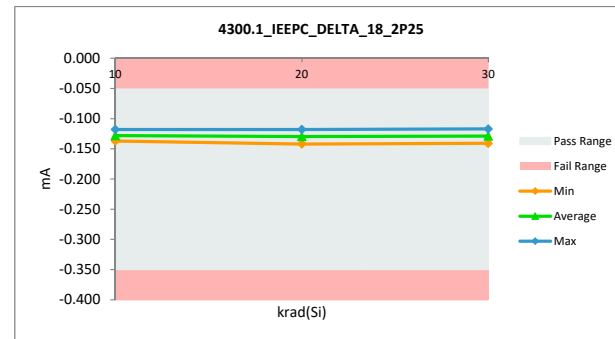
# LDR TID Report OPA4H014-SEP

4300.1_IEEPC_DELTA_18_2P25		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	-0.05	-0.05
Min Limit	-0.35	-0.35

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.123	-0.132	-0.009	7.32%	3.00%
10	2b	-0.118	-0.132	-0.014	11.86%	4.67%
10	3b	-0.115	-0.121	-0.006	5.22%	2.00%
10	4b	-0.118	-0.137	-0.019	16.10%	6.33%
10	5b	-0.121	-0.132	-0.011	9.09%	3.67%
10	6b	-0.131	-0.135	-0.004	3.05%	1.33%
10	7b	-0.125	-0.123	0.002	-1.60%	0.67%
10	8b	-0.117	-0.128	-0.011	9.40%	3.67%
10	9b	-0.117	-0.124	-0.007	5.98%	2.33%
10	10b	-0.124	-0.118	0.006	-4.84%	2.00%
20	1c	-0.123	-0.134	-0.011	8.94%	3.67%
20	2c	-0.118	-0.135	-0.017	14.41%	5.67%
20	3c	-0.115	-0.124	-0.009	7.83%	3.00%
20	4c	-0.118	-0.142	-0.024	20.34%	8.00%
20	5c	-0.121	-0.136	-0.015	12.40%	5.00%
20	6c	-0.131	-0.135	-0.004	3.05%	1.33%
20	7c	-0.125	-0.123	0.002	-1.60%	0.67%
20	8c	-0.117	-0.126	-0.009	7.69%	3.00%
20	9c	-0.117	-0.124	-0.007	5.98%	2.33%
20	10c	-0.124	-0.118	0.006	-4.84%	2.00%
30	1d	-0.123	-0.134	-0.011	8.94%	3.67%
30	2d	-0.118	-0.135	-0.017	14.41%	5.67%
30	3d	-0.115	-0.125	-0.010	8.70%	3.33%
30	4d	-0.118	-0.141	-0.023	19.49%	7.67%
30	5d	-0.121	-0.136	-0.015	12.40%	5.00%
30	6d	-0.131	-0.134	-0.003	2.29%	1.00%
30	7d	-0.125	-0.121	0.004	-3.20%	1.33%
30	8d	-0.117	-0.125	-0.008	6.84%	2.67%
30	9d	-0.117	-0.122	-0.005	4.27%	1.67%
30	10d	-0.124	-0.117	0.007	-5.65%	2.33%
	Max	-0.115	-0.117	0.007	20.34%	8.00%
	Average	-0.121	-0.129	-0.008	6.81%	3.29%
	Min	-0.131	-0.142	-0.024	-5.65%	0.67%
	Std Dev	0.005	0.007	0.008	6.92%	1.96%



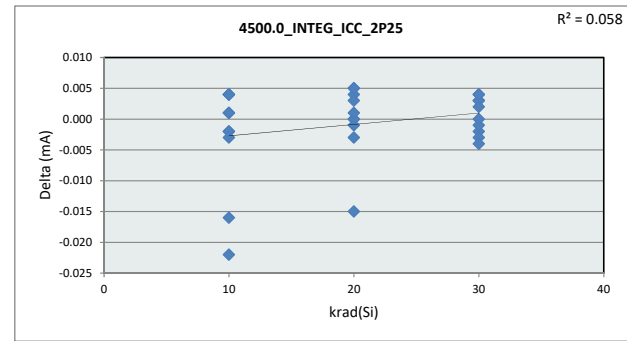
4300.1_IEEPC_DELTA_18_2P2			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	-0.05	mA	
Min Limit	-0.35	mA	
	krad(Si)	10	20
LL		-0.350	-0.350
Min		-0.137	-0.142
Average		-0.128	-0.130
Max		-0.118	-0.118
UL		-0.050	-0.050



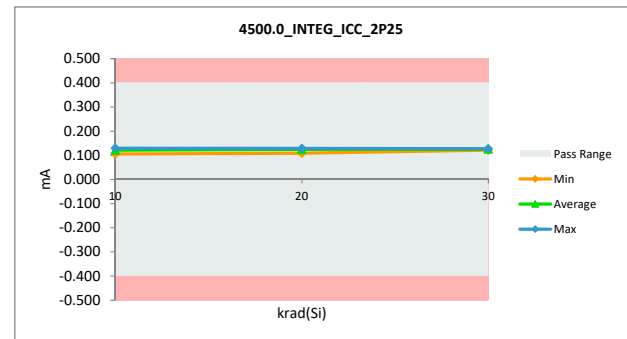
# LDR TID Report OPA4H014-SEP

4500.0_INTEG_ICC_2P25		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	0.4	0.4
Min Limit	-0.4	-0.4

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	0.127	0.105	-0.022	-17.32%	2.75%
10	2b	0.121	0.119	-0.002	-1.65%	0.25%
10	3b	0.124	0.122	-0.002	-1.61%	0.25%
10	4b	0.123	0.127	0.004	3.25%	0.50%
10	5b	0.124	0.128	0.004	3.23%	0.50%
10	6b	0.127	0.128	0.001	0.79%	0.13%
10	7b	0.128	0.125	-0.003	-2.34%	0.38%
10	8b	0.121	0.105	-0.016	-13.22%	2.00%
10	9b	0.126	0.127	0.001	0.79%	0.13%
10	10b	0.125	0.129	0.004	3.20%	0.50%
20	1c	0.127	0.127	0.000	0.00%	0.00%
20	2c	0.121	0.126	0.005	4.13%	0.63%
20	3c	0.124	0.123	-0.001	-0.81%	0.12%
20	4c	0.123	0.108	-0.015	-12.20%	1.88%
20	5c	0.124	0.128	0.004	3.23%	0.50%
20	6c	0.127	0.127	0.000	0.00%	0.00%
20	7c	0.128	0.125	-0.003	-2.34%	0.38%
20	8c	0.121	0.126	0.005	4.13%	0.63%
20	9c	0.126	0.127	0.001	0.79%	0.13%
20	10c	0.125	0.128	0.003	2.40%	0.38%
30	1d	0.127	0.125	-0.002	-1.57%	0.25%
30	2d	0.121	0.125	0.004	3.31%	0.50%
30	3d	0.124	0.121	-0.003	-2.42%	0.37%
30	4d	0.123	0.126	0.003	2.44%	0.37%
30	5d	0.124	0.127	0.003	2.42%	0.38%
30	6d	0.127	0.126	-0.001	-0.79%	0.13%
30	7d	0.128	0.124	-0.004	-3.13%	0.50%
30	8d	0.121	0.125	0.004	3.31%	0.50%
30	9d	0.126	0.126	0.000	0.00%	0.00%
30	10d	0.125	0.127	0.002	1.60%	0.25%
	Max	0.128	0.129	0.005	4.13%	2.75%
	Average	0.125	0.124	-0.001	-0.68%	0.51%
	Min	0.121	0.105	-0.022	-17.32%	0.00%
	Std Dev	0.002	0.006	0.006	5.14%	0.62%



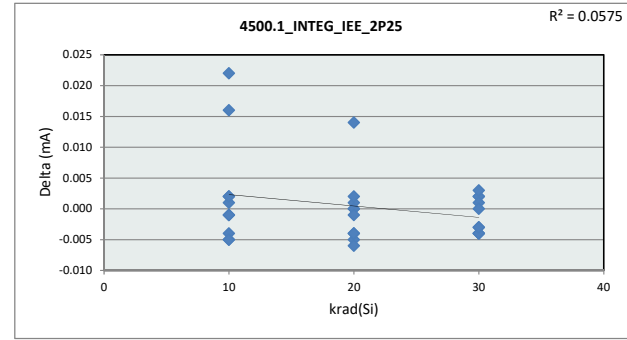
4500.0_INTEG_ICC_2P25			
Test Site	TI Dallas		
Tester	ETS364		
Test Number	EB6298		
Max Limit	0.4	mA	
Min Limit	-0.4	mA	
krad(Si)	10	20	30
LL	-0.400	-0.400	-0.400
Min	0.105	0.108	0.121
Average	0.122	0.125	0.125
Max	0.129	0.128	0.127
UL	0.400	0.400	0.400



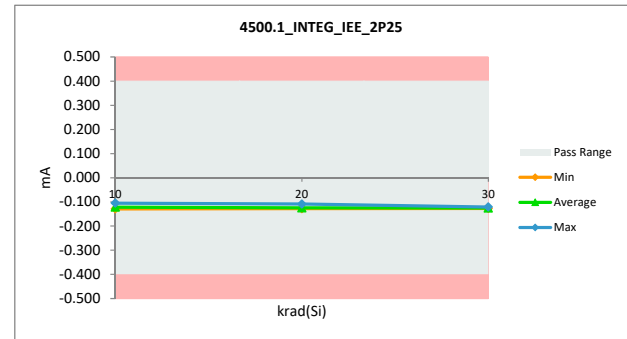
# LDR TID Report OPA4H014-SEP

4500.1_INTEG_IEE_2P25		
Test Site	TI Dallas	TI Dallas
Tester	ETS364	ETS364
Test Number	EB6298	EB6298
Unit	mA	mA
Max Limit	0.4	0.4
Min Limit	-0.4	-0.4

krad(Si)	Serial #	PRE	POST	Delta	Delta %	% of Limit Range
10	1b	-0.127	-0.105	0.022	-17.32%	2.75%
10	2b	-0.121	-0.119	0.002	-1.65%	0.25%
10	3b	-0.123	-0.122	0.001	-0.81%	0.13%
10	4b	-0.123	-0.128	-0.005	4.07%	0.63%
10	5b	-0.124	-0.128	-0.004	3.23%	0.50%
10	6b	-0.127	-0.128	-0.001	0.79%	0.13%
10	7b	-0.128	-0.126	0.002	-1.56%	0.25%
10	8b	-0.121	-0.105	0.016	-13.22%	2.00%
10	9b	-0.126	-0.127	-0.001	0.79%	0.13%
10	10b	-0.124	-0.129	-0.005	4.03%	0.62%
20	1c	-0.127	-0.126	0.001	-0.79%	0.13%
20	2c	-0.121	-0.126	-0.005	4.13%	0.63%
20	3c	-0.123	-0.123	0.000	0.00%	0.00%
20	4c	-0.123	-0.109	0.014	-11.38%	1.75%
20	5c	-0.124	-0.128	-0.004	3.23%	0.50%
20	6c	-0.127	-0.127	0.000	0.00%	0.00%
20	7c	-0.128	-0.126	0.002	-1.56%	0.25%
20	8c	-0.121	-0.127	-0.006	4.96%	0.75%
20	9c	-0.126	-0.127	-0.001	0.79%	0.13%
20	10c	-0.124	-0.128	-0.004	3.23%	0.50%
30	1d	-0.127	-0.125	0.002	-1.57%	0.25%
30	2d	-0.121	-0.125	-0.004	3.31%	0.50%
30	3d	-0.123	-0.121	0.002	-1.63%	0.25%
30	4d	-0.123	-0.127	-0.004	3.25%	0.50%
30	5d	-0.124	-0.127	-0.003	2.42%	0.38%
30	6d	-0.127	-0.126	0.001	-0.79%	0.13%
30	7d	-0.128	-0.125	0.003	-2.34%	0.38%
30	8d	-0.121	-0.125	-0.004	3.31%	0.50%
30	9d	-0.126	-0.126	0.000	0.00%	0.00%
30	10d	-0.124	-0.127	-0.003	2.42%	0.38%
	Max	-0.121	-0.105	0.022	4.96%	2.75%
	Average	-0.124	-0.124	0.000	-0.36%	0.51%
	Min	-0.128	-0.129	-0.006	-17.32%	0.00%
	Std Dev	0.002	0.006	0.006	5.16%	0.61%



4500.1_INTEG_IEE_2P25				
Test Site	TI Dallas			
Tester	ETS364			
Test Number	EB6298			
Max Limit	0.4	mA		
Min Limit	-0.4	mA		
	krad(Si)	10	20	30
LL		-0.400	-0.400	-0.400
Min		-0.129	-0.128	-0.127
Average		-0.122	-0.125	-0.125
Max		-0.105	-0.109	-0.121
UL		0.400	0.400	0.400





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