LMH5401-SP Total Ionizing Dose (TID)

Space and High Reliability

ABSTRACT

This report covers the radiation characterization results of the LMH5401-SP (5962R1721401VXC), a 6.5-GHz, low-noise, low-power and gain-configurable, fully-differential amplifier. The study was done to determine *Total Ionizing Dose* (TID) effects under low dose rate (LDR) and high dose rate (HDR) up to 100 krad(Si). The results show that all samples passed well within the specified limits up to 100 krad(Si).

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Trademarks

1 Device Information

1.1 Product Description

The LMH5401-SP is a very high-performance, differential amplifier optimized for radio frequency (RF) and intermediate frequency (IF) or high-speed, time-domain applications for wide bandwidth applications as the GBP is 6.5 GHz. The device is ideal for dc- or ac-coupled applications that may require a single-ended-to-differential (SE-DE) conversion when driving an analog-to-digital converter (ADC). The LMH5401-SP generates very low levels of second- and third-order distortion when operating in SE-DE or differential-to-differential (DE-DE) mode and is optimized for use in both SE-DE and DE-DE systems. The device has unprecedented usable bandwidth from dc to 2 GHz. The LMH5401-SP can be used for SE-DE conversions in the signal chain without external baluns in a wide range of applications such as test and measurement, broadband communications, and high-speed data acquisition. A common-mode reference input pin is provided to align the amplifier output common mode with the ADC input requirements. Power supplies between 3.3 V and 5 V can be selected and dual-supply operation is supported when required by the application. A power-down feature is also available for power savings. This level of performance is achieved at a very low power level of 300 mW when a 5-V supply is used. The device is fabricated in Texas Instruments' advanced complementary BiCMOS process and is available in a space-saving, LCCC-14 pin package for higher performance.

1.2 Device Details

Table 1 lists the device information used in the TID LDR and HDR characterization.

Table 1. Device and Exposure Details

TID LDR/HDR Details: up to 100 krad(Si)	
TI Device Number	5962R1721401VXC (LMH5401-SP)
Package	LCC (FFK)
Technology	CBICMOS
Quantity Tested	LDR: 84, HDR: 79
Lot Accept/Reject	All levels tested and passed up to 100 krad(Si) (LDR and HDR)
LDR Radiation Facility	Cobham RAD - Colorado Springs, CO
LDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si)
LDR Dose Rate	0.01 rad(Si)/s
LDR Radiation Source	Gammacell JLSA 81-24 Co-60
HDR Radiation Facility	Cobham RAD - Colorado Springs, CO
HDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si)
HDR Dose Rate	52.25 rad(Si)/s
HDR Radiation Source	Co-60 gamma ray source
Irradiation Temperature	25°C

2 Total Dose Test Setup

2.1 Test Overview

The LMH5401-SP was tested according to MIL-STD-883J, Test Method 1019.9, Condition A, Condition D. The product was irradiated up to 100 krad(Si) and then put through full electrical parametric testing on the production *Automated Test Equipment* (ATE). The device was functional and passed all electrical parametric tests with readings within guard bands of the *Standard Microcircuit Drawing* (SMD) electrical specification limits.

2.2 Test Description and Facilities

The LMH5401-SP LDR exposure was performed on biased and unbiased devices in a ^{60}Co gamma cell under a 10-mrad(Si)/s exposure rate. The dose rate of the irradiator used in the exposure ranges from < 10 mrad(Si)/s to a maximum of approximately 65 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 Longmire 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 exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and returned to TI Dallas for a full post-radiation electrical evaluation using Texas Instruments production ATE. The ATE test limits are set within SMD electrical limits and are guardbanded to ensure a minimum Cpk and test error margin based on initial qualification and characterization data. Post radiation 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 LMH5401-SP HDR exposure was performed on biased and unbiased devices in a Co-60 gamma cell at Cobham RAD Solutions in Colorado Springs, CO. The unattenuated dose rate of this cell was 52.25 rad(Si)/s. After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and returned to TI Dallas for a full post irradiation electrical evaluation using Texas Instruments' ATE. The ATE test limits are set within SMD electrical limits and are guardbanded to ensure 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 irradiation measurements.

2.3 Test Setup Details

The devices under HDR and LDR exposure were tested in both biased and unbiased conditions, and are described in this section.

2.3.1 Unbiased

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

2.3.2 Biased

Figure 1 shows the bias conditions for each pin during HDR and LDR exposure.

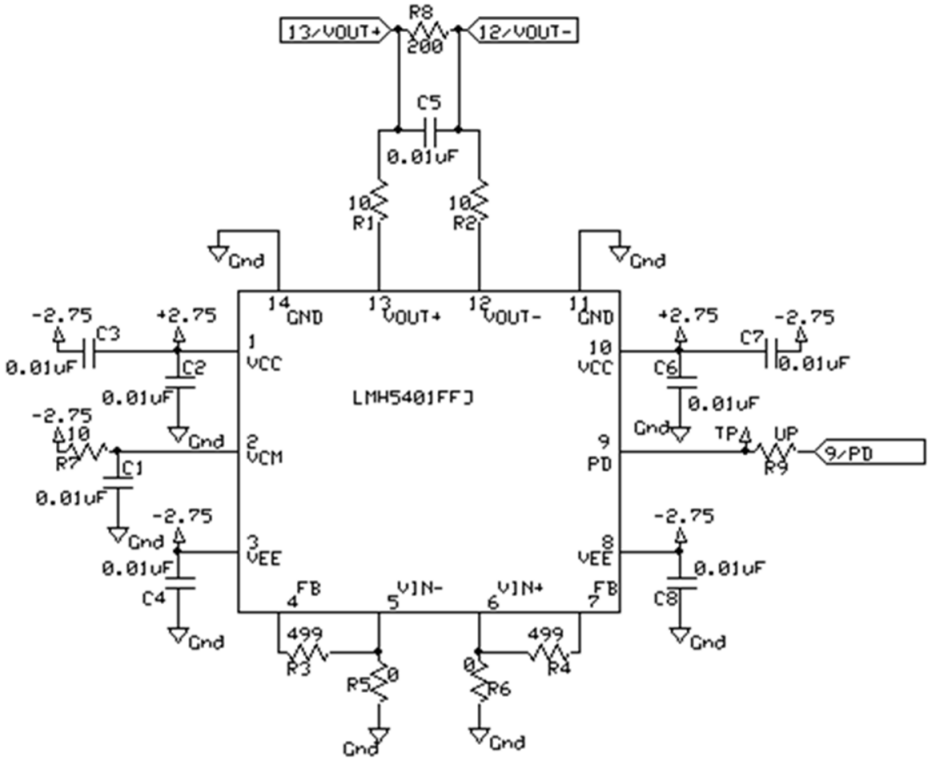


Figure 1. Bias Diagram Used in TID Exposure

2.4 Test Configuration and Condition

A step-stress (3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si)) test method was used to determine the TID hardness level. That is, after a predetermined TID level was reached, an electrical test was performed on a given sample of parts to verify that the units are within specified the SMD electrical test limits. MIL-STD-883, Test Method 1019.9, Condition A and Condition D was used in this case.

The following tables, Table 2 through Table 5, list the serialized samples that were used during the RHA characterization.

Table 2. HDR (50-100 rad(Si)/s) Unbiased Device Information

HDR = 52.25 rad(Si)/s				
Total Samples: 5 unbiased/TID level				
Exposure Levels:				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
23, 24, 25, 26, 27	101, 102, 103, 104, 105	30, 34, 36, 37, 38, 40	47, 48, 49, 50, 51	79, 80, 81, 82, 83

Table 3. HDR (50-100 rad(Si)/s) Biased Device Information

HDR = 52.25 rad(Si)/s				
Total Samples: 5 biased/TID level				
Exposure Levels:				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
3, 18, 19, 20, 21, 22	95, 96, 97, 98, 100	28, 29, 30, 32, 33	41, 42, 43, 44, 45	52, 53, 55, 56, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 74, 76, 77, 78

Table 4. LDR (≤10 mrad(Si)/s) Unbiased Device Information

LDR = 0.01 rad(Si)/s				
Total Samples: 5 unbiased/TID level				
Exposure Levels:				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
62, 64, 65, 66, 68	62, 64, 65, 66, 68	62, 64, 65, 66, 68	62, 64, 65, 66, 68	62, 64, 65, 66, 68

Table 5. LDR (≤10 mrad(Si)/s) Biased Device Information

LDR = 0.01 rad(Si)/s				
Total Samples: 5 biased/TID level				
Exposure Levels:				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
54, 55, 56, 60, 61	54, 55, 56, 60, 61	54, 55, 56, 60, 61	69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 83, 84, 85, 89, 95, 96, 100, 101, 103, 104	69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 83, 84, 85, 89, 95, 96, 100, 101, 103, 104

3 Total Ionizing Dose Characterization Test Results

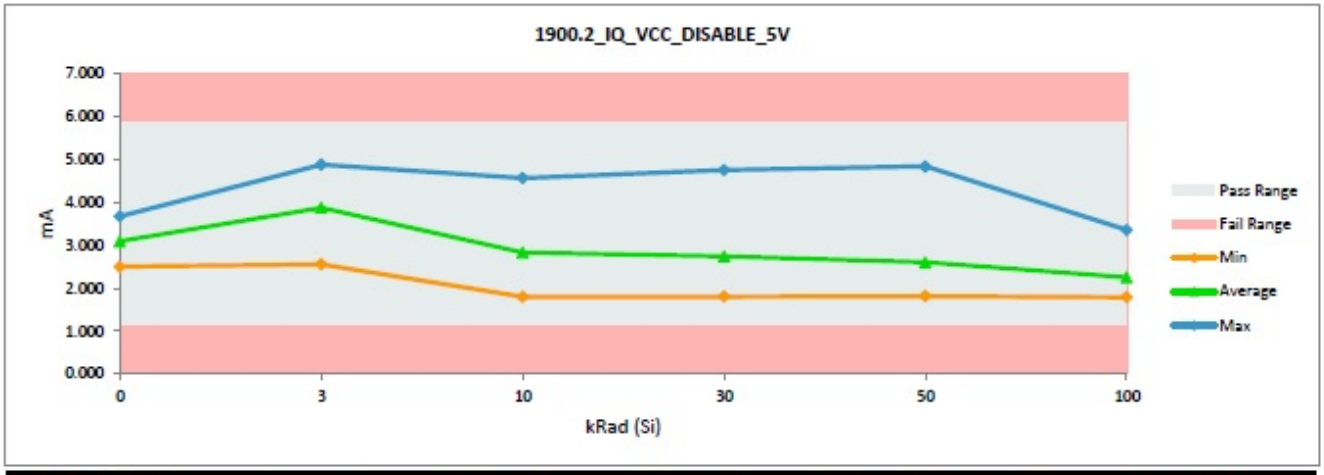
3.1 Total Ionizing Dose RHA Characterization Summary Results

The parametric data for the LMH5401-SP passes up to 100-krad(Si) HDR and LDR per MIL-STD-883, TM1090 Condition A and Condition D (respectively) for both biased and unbiased setup conditions. An overview of the largest drifts seen post-test is shown later in this section. The data sheet parameters that were tested pre and post irradiation and their corresponding test names are included in Appendix A. Appendix B and Appendix C includes pre and post irradiation data and graphs showing the drift for all parameters listed in Appendix A.

Overall the LMH5401-SP showed a strong degree of hardness to TID HDR and LDR irradiation up to the 100 krad(Si) for both biased and unbiased setup conditions. All parameters were well within the SMD electrical specification for the device. Most parameters showed marginally if any shift, and those that showed greater shift were still within the guardbanded limits and SMD specification.

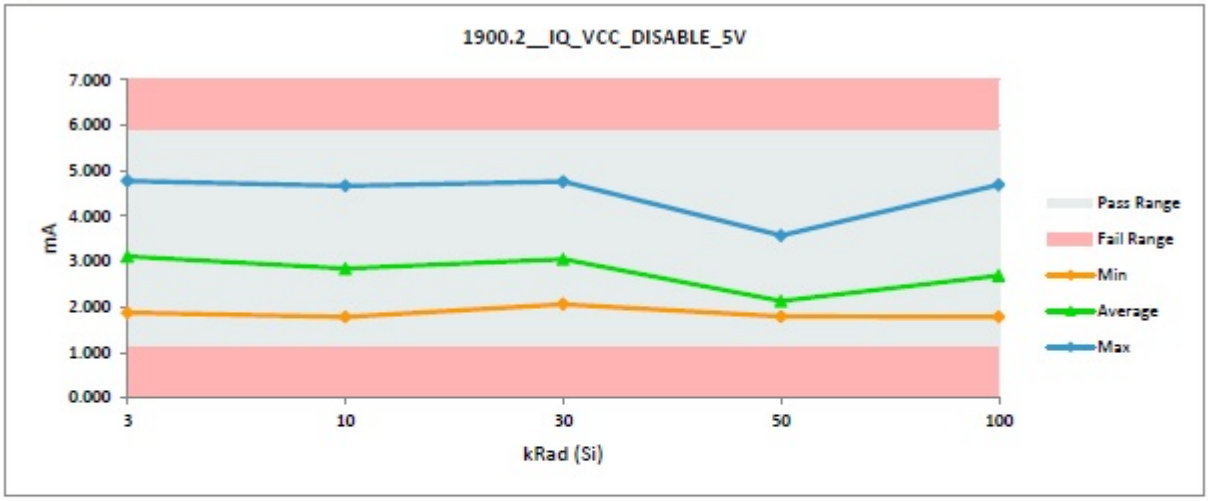
Critical parameters for the LHM5401-SP such as Vcc Quiescent Current at 5 V (test 1900.2_IQ_VCC_DISABLE_5V) and the Power Supply Rejection Ratio (PSRR) at 3 V (test 2300.2_PSRR_VCC_3V) were still within spec.

Vcc Quiescent Current dropped 27% on average from pre-radiation to post 100 krad(Si) during HDR and 13% during LDR.



kRad (Si)	0	3	10	30	50	100
LL	1.125	1.125	1.125	1.125	1.125	1.125
Min	2.502	2.561	1.799	1.805	1.817	1.792
Average	3.091	3.875	2.835	2.743	2.600	2.254
Max	3.680	4.888	4.572	4.762	4.840	3.360
UL	5.875	5.875	5.875	5.875	5.875	5.875

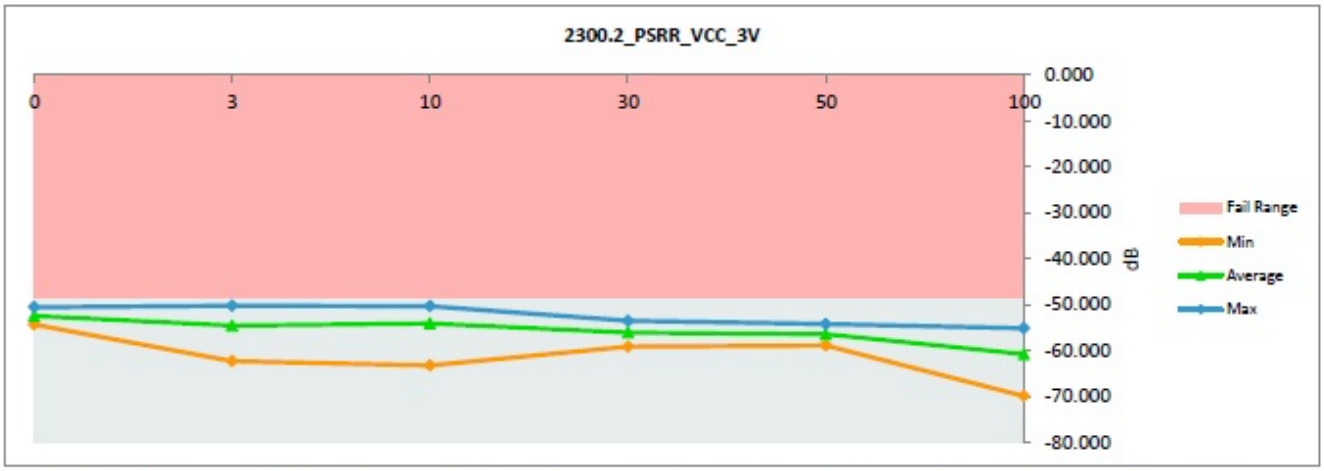
Figure 2. 1900.2_IQ_VCC_DISABLE_5V HDR Result



kRad (Si)	3	10	30	50	100
LL	1.125	1.125	1.125	1.125	1.125
Min	1.875	1.782	2.063	1.789	1.780
Average	3.110	2.843	3.048	2.127	2.690
Max	4.773	4.667	4.759	3.568	4.686
UL	5.875	5.875	5.875	5.875	5.875

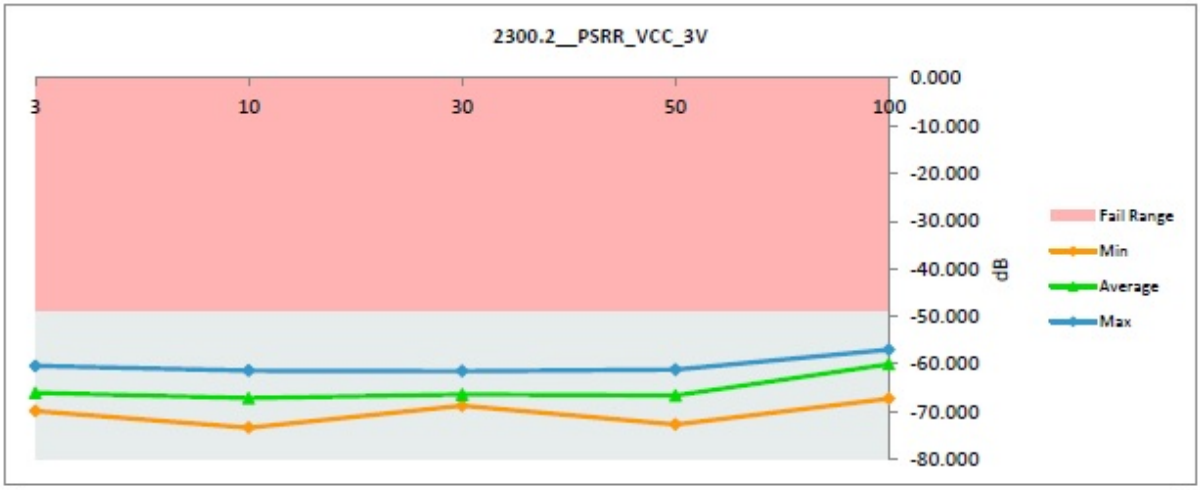
Figure 3. 1900.2_IQ_VCC_DISABLE_5V LDR Result

PSRR dropped 16% after HDR and went up 9% during LDR.



kRad (Si)	0	3	10	30	50	100
LL						
Min	-54.339	-62.367	-63.297	-59.172	-58.925	-69.977
Average	-52.461	-54.614	-54.094	-56.090	-56.494	-60.850
Max	-50.583	-50.302	-50.342	-53.585	-54.274	-55.181
UL	-48.500	-48.500	-48.500	-48.500	-48.500	-48.500

Figure 4. 2300.2_PSRR_VCC_3V HDR Result



kRad (Si)	3	10	30	50	100
LL					
Min	-69.796	-73.349	-68.753	-72.661	-67.232
Average	-66.045	-67.158	-66.381	-66.618	-60.008
Max	-60.380	-61.354	-61.463	-61.193	-57.027
UL	-48.500	-48.500	-48.500	-48.500	-48.500

Figure 5. 2300.2_PSRR_VCC_3V LDR Result

4 Applicable and Reference Documents

- Texas Instruments, *LMH5401-SP 6.5-GHz, Low-Noise, Low-Power, Gain-Configurable Fully Differential Amplifier Data Sheet*

4.1 Reference Documents

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

Test List

This appendix provides a list of the tested parameters.

Parameter		Test Conditions	LMH5401 Data Sheet SBOS849 - December 2017				Test#	
Symbol	Description		Min	Typ	Max	Unit	VS = 5V	VS = 3V
Output Resistance	Resistance measured at output pins		6.6		12.25	Ohms	1400.1, 1400,2	2000.1, 2000.2
CMRR	Common-mode rejection ratio	Differential, 1-V_{PP} input shift, dc		-72		dB	1500.1	2100.1
		Out+, high	(VS+)-1.3	(VS+)-1.1		V	1600.3	2200.3
		Out-, high	(VS+)-1.3	(VS+)-1.1		V	1600.4	2200.4
		Out+, low	(VS-)+1.3	(VS-)+1.1		V	1600.1	2200.1
V_{OUT}	Output voltage	Out-, low	(VS-)+1.3	(VS-)+1.1		V	1600.2	2200.2
		3V, V_{OUT} = 0V	30	40			-	2200.5, 2200.6, 2200.7, 2200.8, 2200.9, 2200.10, 2200.11, 2200.12, 2200.13, 2200.14
I_{OD}	Differential output current	5V, V_{OUT} = 0V	40	50		mA	1600.5, 1600.6, 1600.7, 1600.8, 1600.9, 1600.10, 1600.11, 1600.12, 1600.13, 1600.14	-
		VS+		-82	-48	dB	1700.1	2300.1
PSRR	Power-supply rejectio ratio	VS-		-80	-44	dB	1700.2	2300.2
		3V, PD = 0 (Part Enabled)	44	54	63		-	2300.3, 2300.4
		3V, PD = 1 (Part Disabled)	1	1.6	5		-	2300.5, 2300.6, 2500.2
		5V, PD = 0 (Part Enabled)	46	60	78		1700.3, 1700.4	-
I_Q	Quiescent Current	5V, PD = 1 (Part Disabled)	1	3	6	mA	1700.5, 1700.6, 1900.2	-
V_{CM} Gain	Output Common Mode Gain	Vcm gain = 0V	0.98	1	1.01	V/V	1800.1, 1800.2, 1800.3	2400.1, 2400.2, 2400.3
V_T	Enable or Disable Threshold Voltage		0.9	1.1	1.2	V	1900.1	2500.1
I_{PD}	Power down bias current	PD = 2.5 V		10	± 100	uA	1900.3	2500.3
I_{IB}	Input Bias Current			70	150	uA	2700.1, 2700.2	2700.4, 2700.5
V_{IO}	Input offset voltage			±0.5	±5	mV	2700.3	2700.6
I_{IO}	Input offset current			±1	±20	uA	2700.7	2700.8

HDR Total Ionizing Dose Report

This appendix provides the full LMH5401-SP (5962R1721401VXC) HDR (biased and unbiased) TID report.

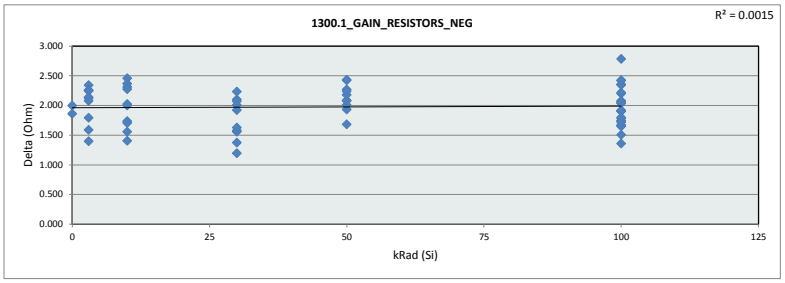
Delta Threshold 10.00%

TID Report
LMH5401-SP HDR

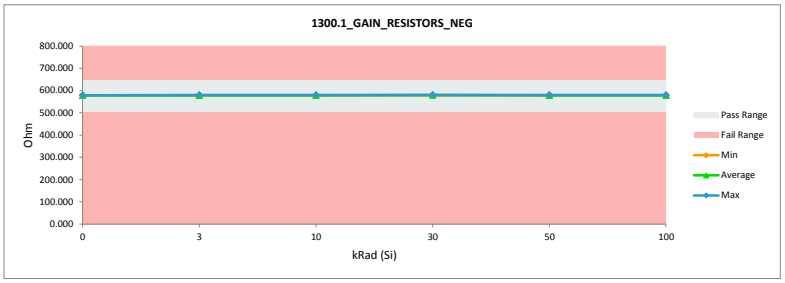
TID Report
LMH5401-SP HDR

	1300.1_GAIN_RESISTORS_NEG	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	Ohm	Ohm
Max Limit	646.25	646.25
Min Limit	503.75	503.75

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	581.055	579.058	1.997
0	106C1	581.047	579.190	1.858
3	018B3	581.297	579.506	1.790
3	019B3	580.939	579.352	1.587
3	020B3	581.592	579.252	2.341
3	021B3	581.001	578.881	2.120
3	022B3	581.421	579.174	2.247
3	023U3	581.678	579.421	2.257
3	024U3	581.367	579.228	2.138
3	025U3	581.242	578.997	2.245
3	026U3	581.328	579.932	1.395
3	027U3	581.359	579.282	2.077
10	095B10	581.055	579.499	1.557
10	096B10	581.211	579.476	1.735
10	097B10	581.312	579.290	2.022
10	098B10	581.522	579.066	2.456
10	100B10	581.631	579.267	2.365
10	101U10	581.616	579.305	2.310
10	102U10	581.756	579.483	2.273
10	103U10	581.296	579.893	1.403
10	104U10	581.016	579.313	1.703
10	105U10	581.258	579.259	1.998
30	028B30	581.242	579.236	2.006
30	029B30	581.522	580.149	1.373
30	030B30	581.258	579.027	2.230
30	032B30	581.133	579.576	1.557
30	033B30	581.304	579.383	1.922
30	034U30	581.195	579.623	1.573
30	036U30	581.172	579.074	2.098
30	037U30	581.771	579.700	2.071
30	038U30	581.335	580.141	1.194
30	040U30	580.954	579.329	1.625
50	041B50	581.273	578.850	2.423
50	042B50	581.211	578.943	2.268
50	043B50	581.219	579.213	2.006
50	044B50	581.631	579.700	1.931
50	045B50	581.250	578.819	2.431
50	047U50	581.203	579.120	2.083
50	048U50	581.491	579.313	2.177
50	049U50	581.304	579.228	2.076
50	050U50	581.452	579.213	2.239
50	051U50	580.830	579.151	1.679
100	052B100	581.148	578.726	2.422
100	053B100	581.655	578.873	2.782
100	055B100	581.172	579.391	1.781
100	056B100	581.320	578.966	2.354
100	058B100	581.008	578.973	2.035
100	059B100	581.273	579.213	2.060
100	060B100	580.775	579.128	1.647
100	061B100	581.468	579.568	1.899
100	063B100	581.569	579.221	2.348
100	064B100	581.195	578.997	2.199
100	065B100	581.733	580.064	1.669
100	066B100	581.008	579.105	1.904
100	067B100	581.351	579.615	1.736
100	068B100	581.172	579.429	1.743
100	069B100	581.304	579.089	2.215
100	070B100	581.226	579.723	1.503
100	071B100	581.359	579.012	2.347
100	072B100	581.265	579.190	2.076
100	074B100	581.343	579.685	1.658
100	076B100	581.133	579.228	1.905
100	077B100	581.538	579.623	1.915
100	078B100	580.962	579.166	1.796
100	079U100	581.156	579.097	2.059
100	080U100	581.195	579.476	1.719
100	081U100	581.444	579.406	2.038
100	082U100	581.110	579.754	1.356
100	083U100	581.437	579.020	2.417
	Max	581.771	580.149	2.782
	Average	581.291	579.314	1.977
	Min	580.775	578.726	1.194
	Std Dev	0.221	0.313	0.325



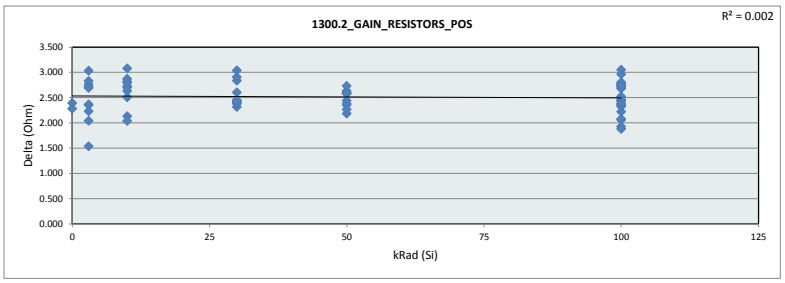
	1300.1_GAIN_RESISTORS_NEG					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	646.25	Ohm				
Min Limit	503.75	Ohm				
kRad (Si)	0	3	10	30	50	100
LL	503.750	503.750	503.750	503.750	503.750	503.750
Min	579.058	578.881	579.066	579.027	578.819	578.726
Average	579.124	579.303	579.385	579.524	579.155	579.287
Max	579.190	579.932	579.894	580.149	579.700	580.064
UL	646.250	646.250	646.250	646.250	646.250	646.250



TID Report
LMH5401-SP HDR

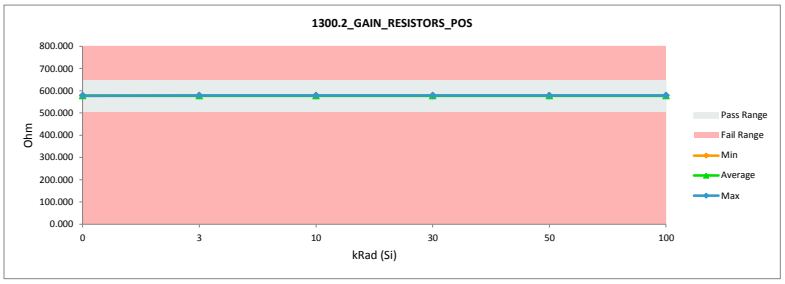
	1300.2_GAIN_RESISTORS_POS	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	Ohm	Ohm
Max Limit	646.25	646.25
Min Limit	503.75	503.75

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	580.492	578.100	2.391
0	106C1	580.197	577.916	2.281
3	018B3	580.849	578.085	2.764
3	019B3	580.453	577.739	2.714
3	020B3	580.771	577.739	3.033
3	021B3	580.639	577.808	2.831
3	022B3	580.795	578.439	2.355
3	023U3	580.484	578.949	1.535
3	024U3	580.903	578.540	2.364
3	025U3	580.810	578.116	2.694
3	026U3	581.136	579.096	2.041
3	027U3	580.771	578.540	2.232
10	095B10	580.934	578.116	2.818
10	096B10	580.927	578.293	2.633
10	097B10	580.554	578.047	2.507
10	098B10	580.942	577.862	3.081
10	100B10	580.919	578.787	2.132
10	101U10	580.896	578.170	2.726
10	102U10	580.896	578.193	2.703
10	103U10	580.888	578.016	2.872
10	104U10	580.725	578.686	2.038
10	105U10	580.927	578.131	2.796
30	028B30	580.942	578.501	2.441
30	029B30	580.810	578.494	2.317
30	030B30	580.437	577.600	2.837
30	032B30	580.849	578.470	2.379
30	033B30	581.175	578.571	2.605
30	034U30	580.725	578.308	2.416
30	036U30	580.826	577.916	2.910
30	037U30	580.802	577.762	3.041
30	038U30	580.981	578.586	2.395
30	040U30	580.515	578.062	2.453
50	041B50	580.795	578.162	2.633
50	042B50	580.756	578.154	2.602
50	043B50	580.655	578.301	2.354
50	044B50	581.043	578.463	2.581
50	045B50	580.833	578.393	2.440
50	047U50	580.600	578.416	2.184
50	048U50	580.732	578.000	2.732
50	049U50	580.764	578.385	2.378
50	050U50	580.476	578.208	2.268
50	051U50	580.919	578.339	2.580
100	052B100	580.686	577.993	2.693
100	053B100	580.771	578.339	2.432
100	055B100	580.383	578.455	1.928
100	056B100	580.764	578.393	2.370
100	058B100	579.918	578.039	1.879
100	059B100	581.370	578.563	2.807
100	060B100	580.500	578.278	2.222
100	061B100	581.059	578.316	2.743
100	063B100	580.818	578.301	2.517
100	064B100	580.601	578.540	2.061
100	065B100	581.191	578.139	3.052
100	066B100	580.725	578.347	2.378
100	067B100	581.214	578.424	2.790
100	068B100	580.896	578.540	2.356
100	069B100	580.507	578.147	2.361
100	070B100	581.051	578.972	2.079
100	071B100	580.701	578.177	2.524
100	072B100	580.919	578.154	2.764
100	074B100	580.585	578.123	2.461
100	076B100	580.740	578.416	2.324
100	077B100	580.500	578.062	2.438
100	078B100	580.865	578.139	2.726
100	079U100	580.344	577.962	2.383
100	080U100	580.624	577.870	2.754
100	081U100	580.880	577.916	2.964
100	082U100	581.152	578.470	2.682
100	083U100	580.779	578.054	2.725
	Max	581.370	579.096	3.081
	Average	580.769	578.255	2.514
	Min	579.918	577.600	1.535
	Std Dev	0.246	0.298	0.304



	1300.2_GAIN_RESISTORS_POS	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	646.25	Ohm
Min Limit	503.75	Ohm

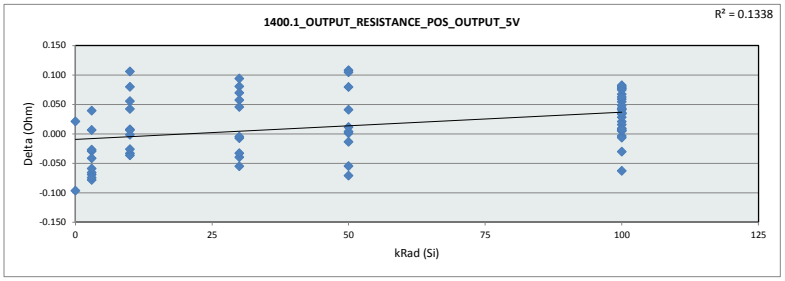
kRad (Si)	0	3	10	30	50	100
LL	503.750	503.750	503.750	503.750	503.750	503.750
Min	577.916	577.739	577.862	577.600	578.000	577.870
Average	578.008	578.305	578.230	578.227	578.282	578.264
Max	578.100	579.096	578.787	578.586	578.463	578.972
UL	646.250	646.250	646.250	646.250	646.250	646.250



TID Report
LMH5401-SP HDR

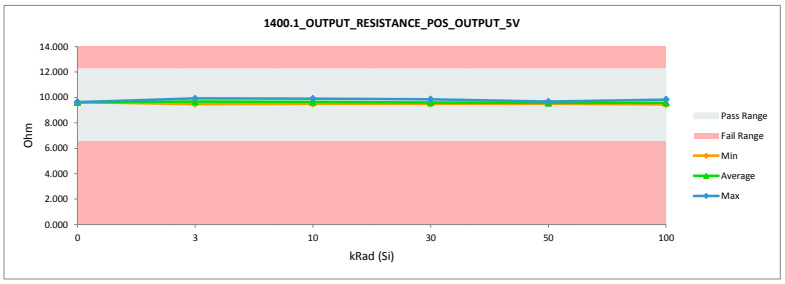
	1400.1_OUTPUT_RESISTANCE_P	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	Ohm	Ohm
Max Limit	12.25	12.25
Min Limit	6.6	6.6

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	9.519	9.616	-0.097
0	106C1	9.653	9.631	0.021
3	018B3	9.681	9.675	0.006
3	019B3	9.620	9.580	0.039
3	020B3	9.527	9.556	-0.030
3	021B3	9.555	9.582	-0.027
3	022B3	9.436	9.478	-0.041
3	023U3	9.614	9.683	-0.069
3	024U3	9.808	9.874	-0.066
3	025U3	9.625	9.703	-0.078
3	026U3	9.844	9.919	-0.075
3	027U3	9.643	9.702	-0.059
10	095B10	9.691	9.585	0.106
10	096B10	9.817	9.775	0.042
10	097B10	9.679	9.599	0.080
10	098B10	9.673	9.617	0.056
10	100B10	9.499	9.492	0.008
10	101U10	9.669	9.702	-0.033
10	102U10	9.870	9.907	-0.037
10	103U10	9.539	9.566	-0.026
10	104U10	9.574	9.575	-0.002
10	105U10	9.640	9.634	0.006
30	028B30	9.655	9.561	0.094
30	029B30	9.639	9.558	0.081
30	030B30	9.610	9.541	0.070
30	032B30	9.682	9.624	0.057
30	033B30	9.628	9.582	0.046
30	034U30	9.485	9.493	-0.007
30	036U30	9.552	9.607	-0.055
30	037U30	9.651	9.691	-0.040
30	038U30	9.814	9.847	-0.033
30	040U30	9.537	9.541	-0.005
50	041B50	9.614	9.534	0.080
50	042B50	9.601	9.600	0.001
50	043B50	9.649	9.542	0.108
50	044B50	9.621	9.617	0.004
50	045B50	9.522	9.510	0.011
50	047U50	9.590	9.604	-0.014
50	048U50	9.602	9.673	-0.071
50	049U50	9.641	9.599	0.041
50	050U50	9.501	9.556	-0.055
50	051U50	9.613	9.509	0.105
100	052B100	9.611	9.615	-0.004
100	053B100	9.487	9.443	0.043
100	055B100	9.624	9.547	0.077
100	056B100	9.660	9.578	0.082
100	058B100	9.529	9.487	0.042
100	059B100	9.647	9.569	0.078
100	060B100	9.519	9.465	0.054
100	061B100	9.650	9.570	0.080
100	063B100	9.659	9.584	0.075
100	064B100	9.547	9.498	0.048
100	065B100	9.830	9.837	-0.007
100	066B100	9.588	9.567	0.021
100	067B100	9.667	9.625	0.041
100	068B100	9.589	9.555	0.034
100	069B100	9.606	9.578	0.028
100	070B100	9.580	9.564	0.016
100	071B100	9.547	9.511	0.036
100	072B100	9.677	9.618	0.059
100	074B100	9.654	9.620	0.035
100	076B100	9.529	9.462	0.067
100	077B100	9.582	9.576	0.005
100	078B100	9.620	9.557	0.063
100	079U100	9.590	9.585	0.005
100	080U100	9.637	9.627	0.009
100	081U100	9.714	9.777	-0.063
100	082U100	9.649	9.679	-0.030
100	083U100	9.619	9.611	0.008
	Max	9.870	9.919	0.108
	Average	9.623	9.608	0.015
	Min	9.436	9.443	-0.097
	Std Dev	0.087	0.102	0.052



	1400.1_OUTPUT_RESISTANCE	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	12.25	Ohm
Min Limit	6.6	Ohm

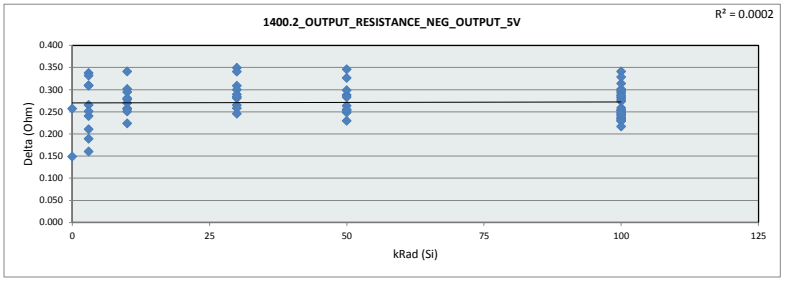
kRad (Si)	0	3	10	30	50	100
LL	6.600	6.600	6.600	6.600	6.600	6.600
Min	9.616	9.478	9.492	9.493	9.509	9.443
Average	9.623	9.675	9.645	9.605	9.574	9.582
Max	9.631	9.919	9.907	9.847	9.673	9.837
UL	12.250	12.250	12.250	12.250	12.250	12.250



TID Report
LMH5401-SP HDR

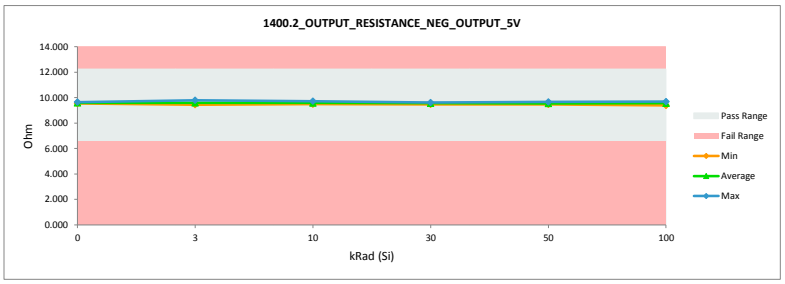
	1400.2_OUTPUT_RESISTANCE_N	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	Ohm	Ohm
Max Limit	12.25	12.25
Min Limit	6.6	6.6

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	9.801	9.544	0.257
0	106C1	9.794	9.646	0.149
3	018B3	9.961	9.623	0.337
3	019B3	9.803	9.493	0.310
3	020B3	9.755	9.446	0.309
3	021B3	9.783	9.451	0.332
3	022B3	9.729	9.464	0.265
3	023U3	9.888	9.678	0.211
3	024U3	9.946	9.757	0.189
3	025U3	9.838	9.598	0.240
3	026U3	9.951	9.791	0.160
3	027U3	9.866	9.615	0.251
10	095B10	9.893	9.552	0.341
10	096B10	9.930	9.672	0.258
10	097B10	9.792	9.523	0.270
10	098B10	9.854	9.552	0.302
10	100B10	9.755	9.476	0.278
10	101U10	9.941	9.647	0.294
10	102U10	9.942	9.718	0.224
10	103U10	9.791	9.534	0.256
10	104U10	9.816	9.565	0.251
10	105U10	9.816	9.536	0.281
30	028B30	9.932	9.582	0.349
30	029B30	9.944	9.604	0.340
30	030B30	9.838	9.529	0.309
30	032B30	9.844	9.563	0.281
30	033B30	9.887	9.587	0.300
30	034U30	9.758	9.493	0.265
30	036U30	9.763	9.474	0.289
30	037U30	9.828	9.583	0.246
30	038U30	9.894	9.610	0.284
30	040U30	9.795	9.537	0.258
50	041B50	9.832	9.506	0.326
50	042B50	9.814	9.526	0.288
50	043B50	9.844	9.545	0.299
50	044B50	9.923	9.660	0.263
50	045B50	9.814	9.469	0.346
50	047U50	9.785	9.556	0.230
50	048U50	9.796	9.547	0.248
50	049U50	9.820	9.567	0.253
50	050U50	9.738	9.482	0.255
50	051U50	9.828	9.545	0.283
100	052B100	9.782	9.523	0.259
100	053B100	9.768	9.533	0.235
100	055B100	9.845	9.549	0.296
100	056B100	9.765	9.532	0.233
100	058B100	9.689	9.387	0.301
100	059B100	9.866	9.589	0.277
100	060B100	9.747	9.460	0.286
100	061B100	9.860	9.578	0.282
100	063B100	9.791	9.555	0.236
100	064B100	9.804	9.512	0.292
100	065B100	9.923	9.669	0.253
100	066B100	9.805	9.552	0.253
100	067B100	9.979	9.638	0.341
100	068B100	9.824	9.581	0.243
100	069B100	9.809	9.580	0.229
100	070B100	9.810	9.579	0.230
100	071B100	9.733	9.434	0.299
100	072B100	9.827	9.513	0.314
100	074B100	9.861	9.612	0.249
100	076B100	9.669	9.452	0.217
100	077B100	9.812	9.483	0.328
100	078B100	9.853	9.570	0.283
100	079U100	9.859	9.605	0.254
100	080U100	9.780	9.539	0.241
100	081U100	9.928	9.681	0.246
100	082U100	9.958	9.685	0.273
100	083U100	9.924	9.637	0.287
	Max	9.979	9.791	0.349
	Average	9.835	9.563	0.271
	Min	9.669	9.387	0.149
	Std Dev	0.070	0.077	0.041



	1400.2_OUTPUT_RESISTANCE	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	12.25	Ohm
Min Limit	6.6	Ohm

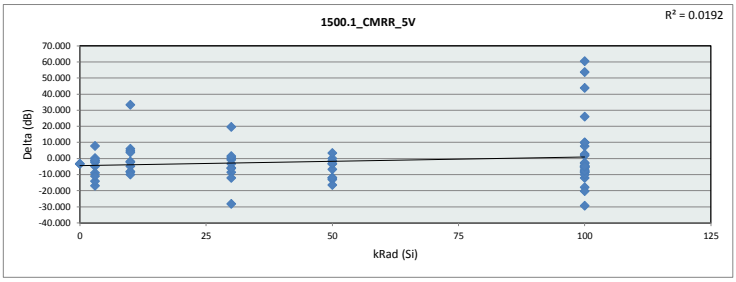
kRad (Si)	0	3	10	30	50	100
LL	6.600	6.600	6.600	6.600	6.600	6.600
Min	9.544	9.446	9.476	9.474	9.469	9.388
Average	9.595	9.592	9.578	9.556	9.540	9.557
Max	9.646	9.791	9.718	9.610	9.660	9.685
UL	12.250	12.250	12.250	12.250	12.250	12.250



TID Report
LMH5401-SP HDR

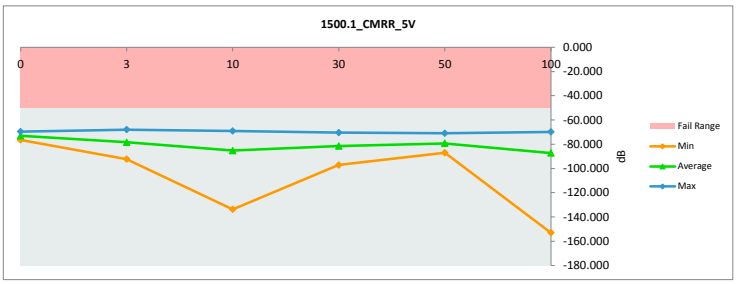
	1500.1_CMRR_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-50	-50
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-79.860	-76.473	-3.388
0	106C1	-73.127	-69.612	-3.515
3	018B3	-80.673	-80.868	0.195
3	019B3	-97.585	-80.540	-17.045
3	020B3	-90.274	-76.126	-14.149
3	021B3	-81.315	-76.461	-4.853
3	022B3	-69.504	-67.900	-1.604
3	023U3	-84.548	-92.284	7.736
3	024U3	-84.721	-75.761	-8.960
3	025U3	-86.861	-84.449	-2.412
3	026U3	-84.780	-73.821	-10.959
3	027U3	-77.236	-76.147	-1.090
10	095B10	-82.497	-88.437	5.941
10	096B10	-84.431	-76.334	-8.097
10	097B10	-100.458	-133.748	33.290
10	098B10	-82.589	-77.713	-4.876
10	100B10	-71.058	-69.098	-1.960
10	101U10	-86.987	-91.648	4.661
10	102U10	-82.605	-74.141	-8.463
10	103U10	-74.880	-72.513	-2.368
10	104U10	-82.442	-72.437	-10.004
10	105U10	-93.265	-96.968	3.703
30	028B30	-77.626	-97.177	19.551
30	029B30	-85.178	-84.290	-0.888
30	030B30	-89.752	-90.021	0.268
30	032B30	-89.137	-83.157	-5.980
30	033B30	-88.579	-79.924	-8.656
30	034U30	-73.897	-70.502	-3.395
30	036U30	-80.849	-82.291	1.441
30	037U30	-102.423	-74.134	-28.289
30	038U30	-78.102	-71.991	-6.112
30	040U30	-94.129	-81.958	-12.171
50	041B50	-92.104	-78.965	-13.138
50	042B50	-85.365	-73.427	-11.938
50	043B50	-84.975	-84.951	-0.024
50	044B50	-85.089	-81.598	-3.491
50	045B50	-86.760	-79.967	-6.793
50	047U50	-72.523	-71.005	-1.518
50	048U50	-93.801	-77.246	-16.556
50	049U50	-99.226	-87.111	-12.114
50	050U50	-77.275	-74.108	-3.167
50	051U50	-81.269	-84.545	3.276
100	052B100	-107.223	-77.812	-29.411
100	053B100	-76.604	-71.593	-5.011
100	055B100	-100.354	-82.402	-17.952
100	056B100	-88.932	-149.274	60.342
100	058B100	-77.567	-85.185	7.618
100	059B100	-79.066	-88.854	9.788
100	060B100	-85.910	-77.248	-8.661
100	061B100	-82.919	-108.868	25.949
100	063B100	-99.412	-153.006	53.594
100	064B100	-81.072	-82.895	1.823
100	065B100	-88.522	-79.683	-8.839
100	066B100	-76.125	-70.458	-5.667
100	067B100	-84.783	-72.612	-12.170
100	068B100	-77.119	-69.816	-7.303
100	069B100	-74.498	-71.428	-3.070
100	070B100	-75.992	-71.468	-4.523
100	071B100	-74.752	-77.368	2.616
100	072B100	-94.478	-86.414	-8.064
100	074B100	-77.809	-72.160	-5.648
100	076B100	-67.319	-111.036	43.717
100	077B100	-87.299	-77.191	-10.108
100	078B100	-94.869	-104.715	9.847
100	079U100	-83.758	-75.911	-7.847
100	080U100	-88.562	-83.497	-5.065
100	081U100	-89.320	-86.591	-2.729
100	082U100	-100.247	-79.875	-20.372
100	083U100	-93.713	-88.768	-4.945
	Max	-67.319	-67.900	60.342
	Average	-84.898	-83.304	-1.594
	Min	-107.223	-153.006	-29.411
	Std Dev	8.617	16.152	15.394



	1500.1_CMRR_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	-50	dB
Min Limit		dB

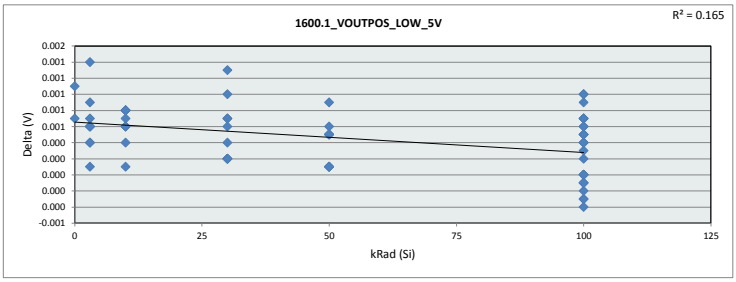
kRad (Si)	0	3	10	30	50	100
LL						
Min	-76.473	-92.284	-133.748	-97.177	-87.111	-153.006
Average	-73.042	-78.436	-85.304	-81.544	-79.292	-87.264
Max	-69.612	-67.900	-69.098	-70.502	-71.005	-69.816
UL	-50.000	-50.000	-50.000	-50.000	-50.000	-50.000



TID Report
LMH5401-SP HDR

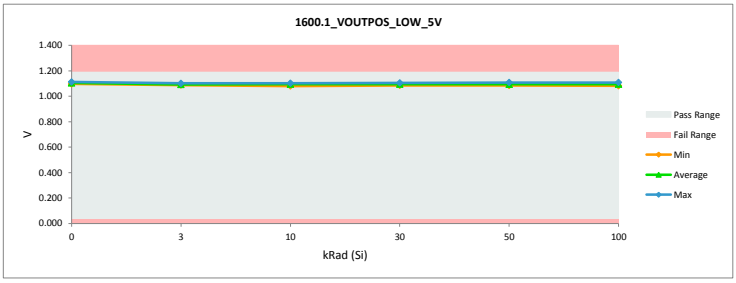
	1600.1_VOUTPOS_LOW_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	1.097	1.096	0.001
0	106C1	1.114	1.113	0.001
3	018B3	1.093	1.092	0.001
3	019B3	1.089	1.088	0.001
3	020B3	1.097	1.096	0.001
3	021B3	1.095	1.095	0.000
3	022B3	1.089	1.089	0.000
3	023U3	1.090	1.089	0.001
3	024U3	1.102	1.102	0.001
3	025U3	1.092	1.091	0.001
3	026U3	1.098	1.097	0.001
3	027U3	1.089	1.088	0.000
10	095B10	1.095	1.095	0.001
10	096B10	1.097	1.096	0.001
10	097B10	1.082	1.081	0.001
10	098B10	1.096	1.096	0.000
10	100B10	1.095	1.094	0.001
10	101U10	1.094	1.094	0.001
10	102U10	1.098	1.098	0.000
10	103U10	1.101	1.100	0.001
10	104U10	1.104	1.103	0.001
10	105U10	1.095	1.094	0.001
30	028B30	1.088	1.087	0.000
30	029B30	1.086	1.086	0.000
30	030B30	1.094	1.092	0.001
30	032B30	1.093	1.092	0.001
30	033B30	1.091	1.090	0.001
30	034U30	1.106	1.104	0.001
30	036U30	1.102	1.102	0.001
30	037U30	1.105	1.105	0.000
30	038U30	1.104	1.103	0.000
30	040U30	1.092	1.092	0.000
50	041B50	1.093	1.092	0.001
50	042B50	1.098	1.097	0.001
50	043B50	1.086	1.086	0.000
50	044B50	1.088	1.088	0.000
50	045B50	1.097	1.097	0.000
50	047U50	1.109	1.109	0.000
50	048U50	1.099	1.099	0.000
50	049U50	1.092	1.092	0.001
50	050U50	1.098	1.097	0.000
50	051U50	1.085	1.084	0.000
100	052B100	1.097	1.096	0.001
100	053B100	1.107	1.108	0.000
100	055B100	1.089	1.088	0.001
100	056B100	1.084	1.084	0.000
100	058B100	1.094	1.094	0.000
100	059B100	1.085	1.085	0.000
100	060B100	1.105	1.104	0.000
100	061B100	1.086	1.084	0.001
100	063B100	1.087	1.086	0.000
100	064B100	1.093	1.093	0.000
100	065B100	1.098	1.098	0.000
100	066B100	1.106	1.105	0.001
100	067B100	1.092	1.092	0.000
100	068B100	1.108	1.107	0.001
100	069B100	1.110	1.109	0.001
100	070B100	1.107	1.107	0.000
100	071B100	1.099	1.099	0.000
100	072B100	1.094	1.093	0.001
100	074B100	1.107	1.107	0.000
100	076B100	1.083	1.082	0.001
100	077B100	1.099	1.099	0.001
100	078B100	1.089	1.089	0.000
100	079U100	1.090	1.090	0.000
100	080U100	1.091	1.091	0.000
100	081U100	1.098	1.099	0.000
100	082U100	1.093	1.093	0.000
100	083U100	1.092	1.092	0.000
	Max	1.114	1.113	0.001
	Average	1.095	1.095	0.000
	Min	1.082	1.081	0.000
	Std Dev	0.007	0.007	0.000



	1600.1_VOUTPOS_LOW_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.19	V
Min Limit	0.033	V

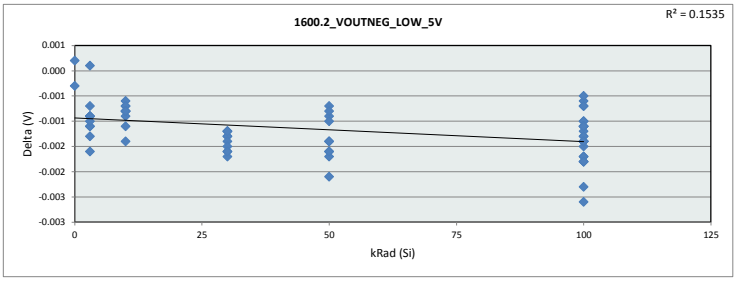
kRad (Si)	0	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033	0.033
Min	1.096	1.088	1.081	1.086	1.084	1.083
Average	1.105	1.093	1.095	1.095	1.094	1.095
Max	1.113	1.102	1.103	1.105	1.109	1.109
UL	1.190	1.190	1.190	1.190	1.190	1.190



TID Report
LMH5401-SP HDR

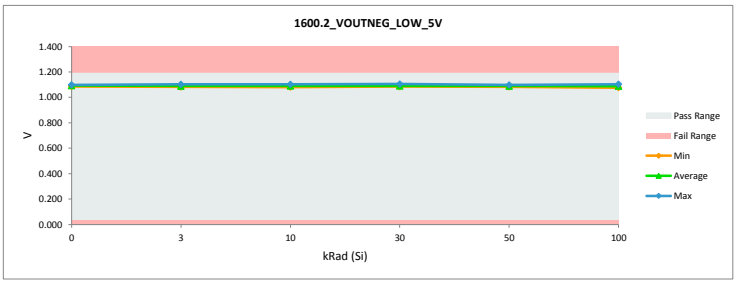
	1600.2_VOUTNEG_LOW_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	1.086	1.087	0.000
0	106C1	1.099	1.099	0.000
3	018B3	1.094	1.095	-0.001
3	019B3	1.082	1.082	0.000
3	020B3	1.089	1.090	-0.001
3	021B3	1.087	1.088	-0.002
3	022B3	1.085	1.086	-0.001
3	023U3	1.087	1.088	-0.001
3	024U3	1.100	1.101	-0.001
3	025U3	1.082	1.083	-0.001
3	026U3	1.101	1.102	-0.001
3	027U3	1.082	1.082	-0.001
10	095B10	1.086	1.087	-0.001
10	096B10	1.100	1.101	-0.001
10	097B10	1.080	1.081	-0.001
10	098B10	1.086	1.087	-0.001
10	100B10	1.091	1.092	-0.001
10	101U10	1.091	1.092	-0.001
10	102U10	1.101	1.102	-0.001
10	103U10	1.087	1.088	-0.001
10	104U10	1.094	1.095	-0.001
10	105U10	1.082	1.083	-0.001
30	028B30	1.086	1.087	-0.001
30	029B30	1.087	1.088	-0.002
30	030B30	1.084	1.085	-0.001
30	032B30	1.084	1.085	-0.001
30	033B30	1.087	1.089	-0.002
30	034U30	1.087	1.089	-0.001
30	036U30	1.088	1.089	-0.001
30	037U30	1.092	1.094	-0.001
30	038U30	1.104	1.105	-0.002
30	040U30	1.087	1.089	-0.002
50	041B50	1.086	1.087	-0.001
50	042B50	1.092	1.093	-0.001
50	043B50	1.083	1.084	-0.001
50	044B50	1.087	1.089	-0.002
50	045B50	1.087	1.089	-0.002
50	047U50	1.096	1.098	-0.002
50	048U50	1.094	1.096	-0.001
50	049U50	1.081	1.083	-0.001
50	050U50	1.089	1.089	-0.001
50	051U50	1.086	1.088	-0.002
100	052B100	1.095	1.096	-0.001
100	053B100	1.088	1.089	-0.001
100	055B100	1.082	1.083	-0.001
100	056B100	1.077	1.080	-0.003
100	058B100	1.080	1.081	-0.001
100	059B100	1.084	1.086	-0.001
100	060B100	1.086	1.087	-0.001
100	061B100	1.082	1.082	-0.001
100	063B100	1.079	1.080	-0.001
100	064B100	1.087	1.089	-0.002
100	065B100	1.102	1.103	-0.002
100	066B100	1.092	1.093	-0.001
100	067B100	1.091	1.092	-0.001
100	068B100	1.093	1.093	-0.001
100	069B100	1.095	1.096	-0.001
100	070B100	1.095	1.096	-0.002
100	071B100	1.086	1.087	-0.001
100	072B100	1.084	1.085	-0.001
100	074B100	1.093	1.094	-0.001
100	076B100	1.076	1.077	0.000
100	077B100	1.088	1.089	-0.001
100	078B100	1.084	1.086	-0.001
100	079U100	1.089	1.092	-0.002
100	080U100	1.081	1.083	-0.002
100	081U100	1.092	1.094	-0.002
100	082U100	1.091	1.093	-0.002
100	083U100	1.093	1.094	-0.001
	Max	1.104	1.105	0.000
	Average	1.088	1.090	-0.001
	Min	1.076	1.077	-0.003
	Std Dev	0.006	0.006	0.000



	1600.2_VOUTNEG_LOW_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.19	V
Min Limit	0.033	V

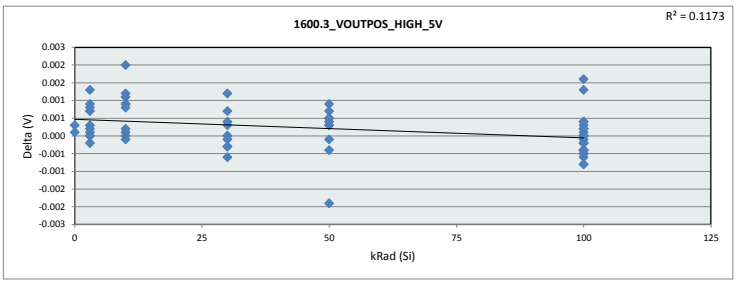
kRad (Si)	0	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033	0.033
Min	1.087	1.082	1.081	1.085	1.083	1.077
Average	1.093	1.090	1.091	1.090	1.090	1.089
Max	1.099	1.103	1.102	1.105	1.098	1.103
UL	1.190	1.190	1.190	1.190	1.190	1.190



TID Report
LMH5401-SP HDR

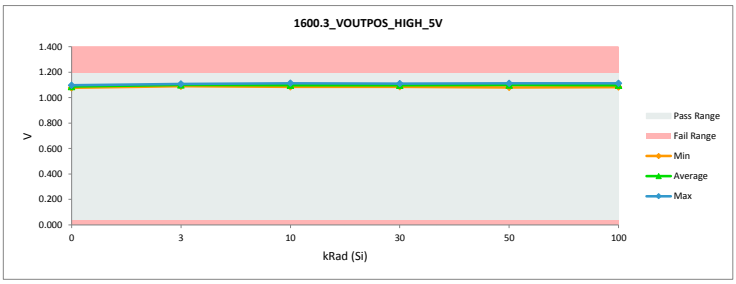
	1600.3_VOUTPOS_HIGH_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	1.097	1.097	0.000
0	106C1	1.078	1.078	0.000
3	018B3	1.102	1.100	0.001
3	019B3	1.108	1.108	0.000
3	020B3	1.096	1.095	0.001
3	021B3	1.098	1.097	0.001
3	022B3	1.101	1.100	0.001
3	023U3	1.106	1.105	0.000
3	024U3	1.089	1.090	0.000
3	025U3	1.106	1.106	0.000
3	026U3	1.093	1.093	0.000
3	027U3	1.108	1.108	0.000
10	095B10	1.102	1.100	0.002
10	096B10	1.098	1.096	0.001
10	097B10	1.115	1.114	0.001
10	098B10	1.099	1.098	0.001
10	100B10	1.093	1.093	0.000
10	101U10	1.102	1.102	0.000
10	102U10	1.095	1.095	0.000
10	103U10	1.092	1.093	0.000
10	104U10	1.086	1.085	0.001
10	105U10	1.103	1.102	0.001
30	028B30	1.108	1.107	0.001
30	029B30	1.111	1.110	0.001
30	030B30	1.103	1.103	0.000
30	032B30	1.100	1.100	0.000
30	033B30	1.104	1.104	0.000
30	034U30	1.085	1.086	-0.001
30	036U30	1.092	1.092	0.000
30	037U30	1.089	1.089	0.000
30	038U30	1.089	1.089	0.000
30	040U30	1.100	1.100	0.000
50	041B50	1.100	1.100	0.000
50	042B50	1.093	1.092	0.001
50	043B50	1.108	1.108	0.000
50	044B50	1.108	1.110	-0.002
50	045B50	1.099	1.098	0.000
50	047U50	1.081	1.081	0.000
50	048U50	1.093	1.093	0.000
50	049U50	1.104	1.105	0.000
50	050U50	1.093	1.094	0.000
50	051U50	1.113	1.112	0.001
100	052B100	1.094	1.094	0.000
100	053B100	1.085	1.084	0.001
100	055B100	1.106	1.106	0.000
100	056B100	1.113	1.112	0.002
100	058B100	1.099	1.099	0.000
100	059B100	1.110	1.110	0.000
100	060B100	1.087	1.087	0.000
100	061B100	1.110	1.111	-0.001
100	063B100	1.107	1.108	0.000
100	064B100	1.101	1.100	0.000
100	065B100	1.095	1.095	0.000
100	066B100	1.088	1.089	-0.001
100	067B100	1.105	1.105	0.000
100	068B100	1.083	1.084	0.000
100	069B100	1.083	1.084	0.000
100	070B100	1.084	1.084	0.000
100	071B100	1.094	1.093	0.000
100	072B100	1.097	1.097	0.000
100	074B100	1.087	1.087	0.000
100	076B100	1.112	1.113	-0.001
100	077B100	1.096	1.097	0.000
100	078B100	1.106	1.106	0.000
100	079U100	1.102	1.102	0.000
100	080U100	1.100	1.101	0.000
100	081U100	1.098	1.098	0.000
100	082U100	1.104	1.103	0.000
100	083U100	1.102	1.102	0.000
	Max	1.115	1.114	0.002
	Average	1.098	1.098	0.000
	Min	1.078	1.078	-0.002
	Std Dev	0.009	0.009	0.001



	1600.3_VOUTPOS_HIGH_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.19	V
Min Limit	0.033	V

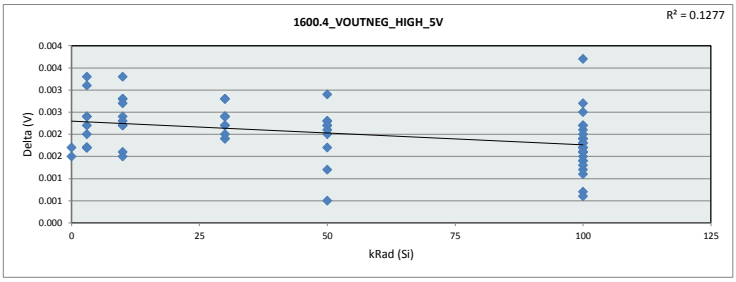
kRad (Si)	0	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033	0.033
Min	1.078	1.090	1.085	1.086	1.081	1.084
Average	1.088	1.100	1.098	1.098	1.099	1.098
Max	1.097	1.108	1.114	1.110	1.112	1.113
UL	1.190	1.190	1.190	1.190	1.190	1.190



TID Report
LMH5401-SP HDR

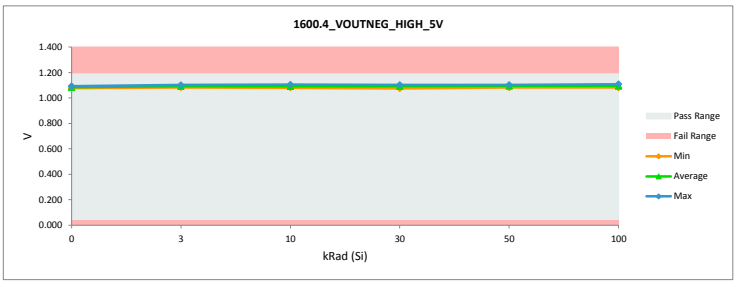
	1600.4_VOUTNEG_HIGH_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	1.095	1.093	0.002
0	106C1	1.079	1.077	0.002
3	018B3	1.092	1.089	0.003
3	019B3	1.103	1.101	0.002
3	020B3	1.093	1.090	0.002
3	021B3	1.098	1.095	0.003
3	022B3	1.095	1.092	0.002
3	023U3	1.097	1.095	0.002
3	024U3	1.085	1.084	0.002
3	025U3	1.103	1.101	0.002
3	026U3	1.086	1.083	0.002
3	027U3	1.104	1.102	0.002
10	095B10	1.098	1.095	0.003
10	096B10	1.084	1.081	0.003
10	097B10	1.108	1.106	0.002
10	098B10	1.100	1.098	0.002
10	100B10	1.092	1.090	0.002
10	101U10	1.094	1.093	0.002
10	102U10	1.085	1.083	0.002
10	103U10	1.092	1.091	0.002
10	104U10	1.089	1.086	0.003
10	105U10	1.103	1.100	0.003
30	028B30	1.101	1.098	0.003
30	029B30	1.099	1.097	0.003
30	030B30	1.100	1.098	0.002
30	032B30	1.104	1.102	0.002
30	033B30	1.098	1.095	0.002
30	034U30	1.091	1.088	0.002
30	036U30	1.093	1.091	0.002
30	037U30	1.089	1.087	0.002
30	038U30	1.078	1.076	0.002
30	040U30	1.097	1.095	0.002
50	041B50	1.099	1.097	0.002
50	042B50	1.092	1.090	0.002
50	043B50	1.105	1.103	0.002
50	044B50	1.099	1.098	0.000
50	045B50	1.093	1.091	0.002
50	047U50	1.084	1.082	0.002
50	048U50	1.089	1.087	0.002
50	049U50	1.104	1.103	0.002
50	050U50	1.093	1.092	0.001
50	051U50	1.099	1.096	0.003
100	052B100	1.088	1.086	0.002
100	053B100	1.089	1.086	0.003
100	055B100	1.104	1.102	0.002
100	056B100	1.110	1.106	0.004
100	058B100	1.103	1.101	0.002
100	059B100	1.103	1.102	0.002
100	060B100	1.094	1.093	0.001
100	061B100	1.105	1.104	0.001
100	063B100	1.109	1.109	0.001
100	064B100	1.097	1.094	0.002
100	065B100	1.083	1.081	0.002
100	066B100	1.085	1.084	0.002
100	067B100	1.093	1.091	0.002
100	068B100	1.088	1.087	0.001
100	069B100	1.083	1.082	0.002
100	070B100	1.084	1.082	0.002
100	071B100	1.095	1.093	0.002
100	072B100	1.105	1.103	0.001
100	074B100	1.086	1.085	0.002
100	076B100	1.107	1.106	0.001
100	077B100	1.094	1.092	0.002
100	078B100	1.103	1.101	0.002
100	079U100	1.098	1.096	0.002
100	080U100	1.108	1.106	0.002
100	081U100	1.092	1.090	0.002
100	082U100	1.093	1.091	0.002
100	083U100	1.093	1.091	0.001
	Max	1.110	1.109	0.004
	Average	1.095	1.093	0.002
	Min	1.078	1.076	0.000
	Std Dev	0.008	0.008	0.001



	1600.4_VOUTNEG_HIGH_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.19	V
Min Limit	0.033	V

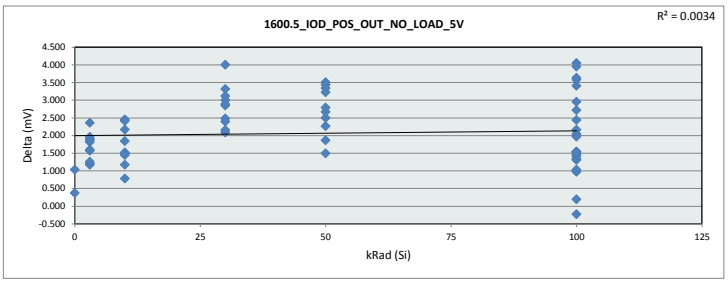
kRad (Si)	0	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033	0.033
Min	1.077	1.083	1.081	1.076	1.082	1.081
Average	1.085	1.093	1.092	1.093	1.094	1.094
Max	1.093	1.102	1.106	1.102	1.103	1.109
UL	1.190	1.190	1.190	1.190	1.190	1.190



TID Report
LMH5401-SP HDR

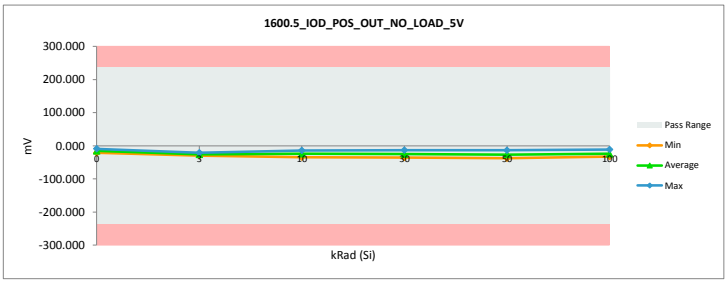
	1600.5_IOD_POS_OUT_NO_LOAD	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-21.267	-21.638	0.371
0	106C1	-8.184	-9.217	1.033
3	018B3	-27.300	-29.260	1.960
3	019B3	-27.718	-29.617	1.899
3	020B3	-21.298	-23.174	1.876
3	021B3	-21.891	-23.065	1.173
3	022B3	-23.844	-25.052	1.208
3	023U3	-28.523	-30.093	1.571
3	024U3	-19.156	-20.973	1.817
3	025U3	-25.889	-28.250	2.361
3	026U3	-22.057	-23.658	1.601
3	027U3	-27.790	-29.046	1.256
10	095B10	-24.741	-25.524	0.783
10	096B10	-23.947	-26.403	2.455
10	097B10	-32.459	-34.629	2.169
10	098B10	-23.207	-24.381	1.174
10	100B10	-19.868	-21.382	1.513
10	101U10	-26.656	-28.172	1.516
10	102U10	-24.456	-26.869	2.413
10	103U10	-14.767	-16.255	1.488
10	104U10	-12.733	-14.180	1.447
10	105U10	-22.871	-24.712	1.841
30	028B30	-30.421	-32.509	2.088
30	029B30	-32.420	-35.272	2.852
30	030B30	-24.603	-27.085	2.482
30	032B30	-23.229	-25.624	2.395
30	033B30	-26.489	-29.492	3.004
30	034U30	-10.188	-13.305	3.118
30	036U30	-18.933	-21.088	2.156
30	037U30	-16.844	-20.161	3.317
30	038U30	-18.605	-22.610	4.006
30	040U30	-24.089	-26.974	2.885
50	041B50	-23.714	-25.980	2.265
50	042B50	-20.695	-23.194	2.500
50	043B50	-30.094	-31.958	1.863
50	044B50	-30.597	-33.264	2.667
50	045B50	-24.386	-25.880	1.493
50	047U50	-10.321	-13.830	3.509
50	048U50	-21.395	-24.834	3.439
50	049U50	-25.169	-28.514	3.345
50	050U50	-18.556	-21.781	3.225
50	051U50	-34.882	-37.673	2.791
100	052B100	-23.255	-24.590	1.335
100	053B100	-10.342	-11.338	0.996
100	055B100	-28.727	-30.034	1.307
100	056B100	-29.007	-31.447	2.440
100	058B100	-20.940	-21.914	0.974
100	059B100	-30.880	-32.226	1.346
100	060B100	-11.667	-12.701	1.034
100	061B100	-30.391	-31.936	1.545
100	063B100	-27.379	-28.921	1.542
100	064B100	-26.048	-26.242	0.194
100	065B100	-23.380	-25.544	2.164
100	066B100	-13.892	-16.611	2.719
100	067B100	-29.962	-31.486	1.525
100	068B100	-11.369	-12.807	1.439
100	069B100	-11.709	-13.719	2.010
100	070B100	-11.186	-13.234	2.048
100	071B100	-20.173	-19.945	-0.228
100	072B100	-20.860	-22.286	1.425
100	074B100	-14.227	-15.718	1.490
100	076B100	-27.265	-30.220	2.955
100	077B100	-20.956	-22.924	1.969
100	078B100	-27.551	-29.080	1.529
100	079U100	-28.081	-31.489	3.409
100	080U100	-22.827	-26.407	3.580
100	081U100	-23.624	-27.577	3.953
100	082U100	-27.971	-32.025	4.053
100	083U100	-29.208	-32.844	3.636
	Max	-8.184	-9.217	4.053
	Average	-22.741	-24.809	2.068
	Min	-34.882	-37.673	-0.228
	Std Dev	6.346	6.508	0.937



	1600.5_IOD_POS_OUT_NO_LO	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

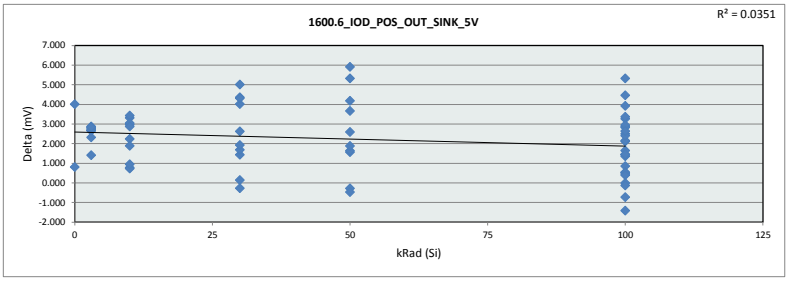
kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-21.638	-30.093	-34.629	-35.272	-37.673	-32.844
Average	-15.427	-26.219	-24.251	-25.412	-26.691	-24.269
Max	-9.217	-20.973	-14.180	-13.305	-13.830	-11.338
UL	235.000	235.000	235.000	235.000	235.000	235.000



TID Report
LMH5401-SP HDR

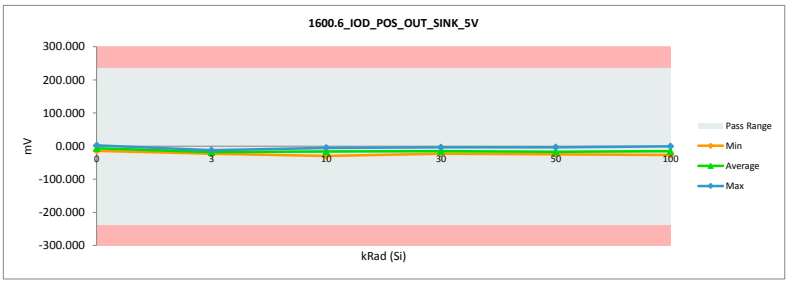
	1600.6_IOD_POS_OUT_SINK_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-10.510	-14.522	4.013
0	106C1	2.728	1.921	0.807
3	018B3	-15.311	-18.187	2.877
3	019B3	-21.243	-22.651	1.407
3	020B3	-10.781	-13.558	2.776
3	021B3	-11.991	-14.649	2.659
3	022B3	-15.207	-17.885	2.679
3	023U3	-18.279	-21.105	2.825
3	024U3	-9.844	-12.521	2.677
3	025U3	-18.812	-21.503	2.691
3	026U3	-14.651	-17.495	2.845
3	027U3	-20.456	-22.773	2.316
10	095B10	-14.757	-15.531	0.774
10	096B10	-17.061	-20.029	2.969
10	097B10	-29.171	-29.901	0.730
10	098B10	-14.184	-15.130	0.946
10	100B10	-9.850	-13.161	3.311
10	101U10	-14.244	-17.676	3.432
10	102U10	-16.009	-19.057	3.048
10	103U10	-6.317	-9.193	2.875
10	104U10	-3.225	-5.462	2.237
10	105U10	-15.143	-17.033	1.890
30	028B30	-20.867	-20.600	-0.268
30	029B30	-22.449	-22.593	0.143
30	030B30	-15.158	-16.594	1.435
30	032B30	-15.131	-16.816	1.685
30	033B30	-16.441	-18.368	1.927
30	034U30	0.079	-3.935	4.014
30	036U30	-6.762	-11.774	5.013
30	037U30	-5.796	-10.159	4.363
30	038U30	-10.059	-14.374	4.316
30	040U30	-14.094	-16.716	2.622
50	041B50	-14.831	-16.402	1.571
50	042B50	-9.724	-13.903	4.180
50	043B50	-23.202	-22.926	-0.276
50	044B50	-19.921	-21.556	1.635
50	045B50	-11.352	-13.942	2.590
50	047U50	0.313	-3.350	3.662
50	048U50	-10.497	-16.407	5.910
50	049U50	-17.531	-19.411	1.880
50	050U50	-8.514	-13.835	5.321
50	051U50	-25.699	-25.229	-0.469
100	052B100	-12.885	-17.349	4.464
100	053B100	0.908	-0.447	1.355
100	055B100	-19.501	-19.953	0.453
100	056B100	-28.049	-26.633	-1.416
100	058B100	-13.745	-14.603	0.857
100	059B100	-23.320	-22.596	-0.724
100	060B100	-1.519	-2.960	1.442
100	061B100	-23.608	-24.144	0.536
100	063B100	-23.289	-23.281	-0.008
100	064B100	-14.469	-15.004	0.535
100	065B100	-15.512	-18.776	3.264
100	066B100	-4.561	-7.425	2.864
100	067B100	-16.781	-18.426	1.646
100	068B100	-0.441	-2.558	2.117
100	069B100	-0.183	-3.547	3.365
100	070B100	-1.112	-3.944	2.831
100	071B100	-8.946	-10.378	1.431
100	072B100	-13.280	-14.735	1.455
100	074B100	-4.233	-6.389	2.156
100	076B100	-26.702	-26.573	-0.129
100	077B100	-9.910	-12.858	2.949
100	078B100	-19.241	-19.638	0.397
100	079U100	-16.119	-18.620	2.502
100	080U100	-15.973	-18.375	2.402
100	081U100	-12.692	-18.016	5.324
100	082U100	-15.433	-19.356	3.923
100	083U100	-14.947	-17.584	2.637
	Max	2.728	1.921	5.910
	Average	-13.442	-15.654	2.213
	Min	-29.171	-29.901	-1.416
	Std Dev	7.411	6.719	1.556



	1600.6_IOD_POS_OUT_SINK_5	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

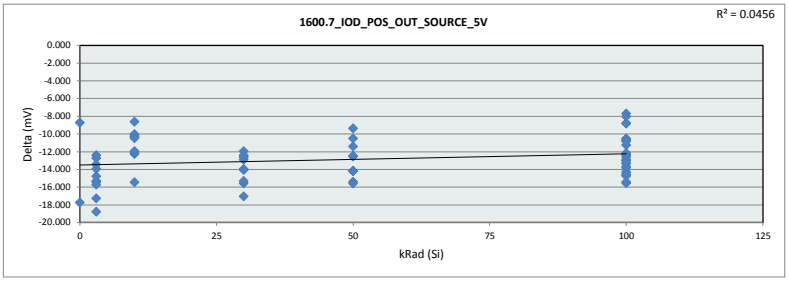
kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-14.522	-22.773	-29.901	-22.593	-25.229	-26.634
Average	-6.300	-18.233	-16.217	-15.193	-16.696	-14.969
Max	1.922	-12.521	-5.462	-3.935	-3.350	-0.447
UL	235.000	235.000	235.000	235.000	235.000	235.000



TID Report
LMH5401-SP HDR

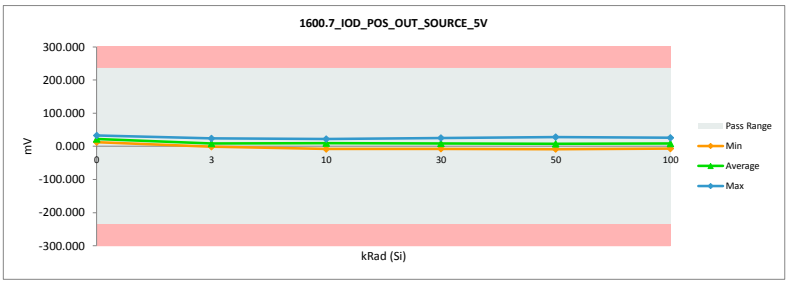
	1600.7_IOD_POS_OUT_SOURCE	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-5.206	12.542	-17.748
0	106C1	23.636	32.360	-8.724
3	018B3	-9.815	5.667	-15.482
3	019B3	-13.559	-1.159	-12.401
3	020B3	-1.033	11.693	-12.726
3	021B3	-4.752	9.197	-13.949
3	022B3	-12.366	2.952	-15.318
3	023U3	-15.630	3.162	-18.792
3	024U3	7.864	23.598	-15.734
3	025U3	-12.035	5.248	-17.284
3	026U3	6.203	19.646	-13.443
3	027U3	-13.266	1.510	-14.775
10	095B10	-4.728	5.485	-10.213
10	096B10	2.096	14.355	-12.259
10	097B10	-18.517	-8.156	-10.360
10	098B10	-2.648	7.643	-10.291
10	100B10	0.203	8.833	-8.630
10	101U10	-6.742	5.346	-12.088
10	102U10	6.779	18.724	-11.945
10	103U10	4.660	14.680	-10.020
10	104U10	11.520	22.003	-10.483
10	105U10	-8.366	7.096	-15.462
30	028B30	-16.835	-3.920	-12.915
30	029B30	-19.380	-7.429	-11.951
30	030B30	-11.270	2.701	-13.971
30	032B30	-7.365	5.174	-12.539
30	033B30	-12.440	0.203	-12.642
30	034U30	8.183	20.591	-12.408
30	036U30	1.914	17.496	-15.581
30	037U30	7.508	22.819	-15.310
30	038U30	10.835	24.899	-14.064
30	040U30	-12.699	4.361	-17.059
50	041B50	-11.010	4.387	-15.397
50	042B50	-0.558	15.033	-15.591
50	043B50	-17.954	-3.798	-14.155
50	044B50	-16.772	-5.352	-11.420
50	045B50	-6.338	7.854	-14.192
50	047U50	18.477	27.853	-9.376
50	048U50	3.155	17.356	-14.201
50	049U50	-9.772	2.783	-12.556
50	050U50	1.860	14.341	-12.482
50	051U50	-18.858	-8.337	-10.522
100	052B100	0.610	14.436	-13.827
100	053B100	11.494	22.275	-10.782
100	055B100	-14.759	-1.773	-12.985
100	056B100	-19.710	-4.144	-15.566
100	058B100	-5.531	7.349	-12.880
100	059B100	-17.760	-5.415	-12.345
100	060B100	7.732	18.553	-10.822
100	061B100	-17.352	-6.093	-11.259
100	063B100	-14.085	-1.916	-12.169
100	064B100	-11.091	3.211	-14.302
100	065B100	4.671	17.244	-12.573
100	066B100	11.539	20.320	-8.781
100	067B100	-13.177	0.532	-13.709
100	068B100	12.573	23.108	-10.535
100	069B100	17.871	25.566	-7.695
100	070B100	14.694	23.521	-8.827
100	071B100	0.305	13.347	-13.042
100	072B100	-2.794	7.746	-10.541
100	074B100	11.638	22.378	-10.741
100	076B100	-15.107	-7.067	-8.040
100	077B100	-2.217	11.118	-13.336
100	078B100	-13.842	-1.480	-12.362
100	079U100	-12.664	1.952	-14.616
100	080U100	-8.876	5.865	-14.741
100	081U100	-1.876	13.540	-15.417
100	082U100	-10.453	4.088	-14.541
100	083U100	-11.024	2.293	-13.316
	Max	23.636	32.360	-7.695
	Average	-3.974	8.869	-12.844
	Min	-19.710	-8.337	-18.792
	Std Dev	10.923	10.224	2.407



	1600.7_IOD_POS_OUT_SOURC	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

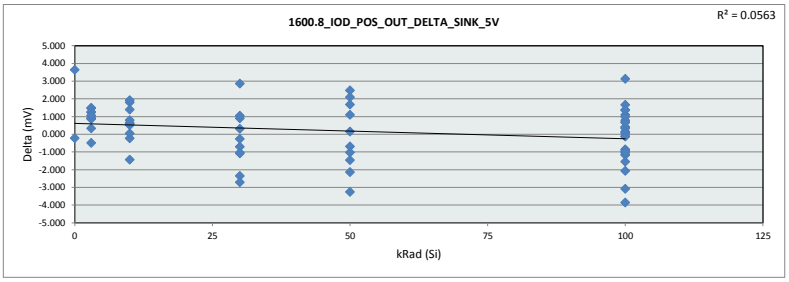
kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	12.542	-1.159	-8.157	-7.429	-8.337	-7.067
Average	22.451	8.151	9.601	8.689	7.212	8.539
Max	32.360	23.598	22.003	24.900	27.853	25.566
UL	235.000	235.000	235.000	235.000	235.000	235.000



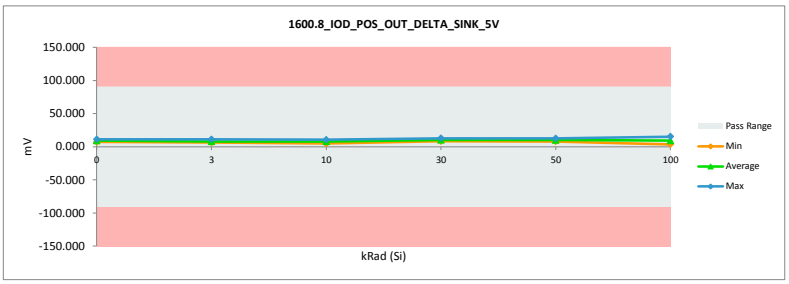
TID Report
LMH5401-SP HDR

	1600.8_IOD_POS_OUT_DELTA_S	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	10.757	7.115	3.642
0	106C1	10.912	11.138	-0.226
3	018B3	11.989	11.072	0.917
3	019B3	6.475	6.966	-0.492
3	020B3	10.516	9.616	0.900
3	021B3	9.901	8.415	1.485
3	022B3	8.637	7.167	1.470
3	023U3	10.243	8.989	1.254
3	024U3	9.312	8.451	0.861
3	025U3	7.077	6.747	0.330
3	026U3	7.406	6.163	1.243
3	027U3	7.334	6.273	1.061
10	095B10	9.984	9.393	0.591
10	096B10	6.886	6.373	0.513
10	097B10	3.289	4.728	-1.440
10	098B10	9.022	9.251	-0.228
10	100B10	10.018	8.221	1.797
10	101U10	12.412	10.496	1.916
10	102U10	8.447	7.813	0.635
10	103U10	8.449	7.062	1.387
10	104U10	9.508	8.717	0.790
10	105U10	7.728	7.679	0.049
30	028B30	9.554	11.909	-2.356
30	029B30	9.971	12.680	-2.709
30	030B30	9.445	10.491	-1.046
30	032B30	8.098	8.807	-0.710
30	033B30	10.048	11.124	-1.076
30	034U30	10.267	9.370	0.897
30	036U30	12.171	9.314	2.857
30	037U30	11.048	10.002	1.046
30	038U30	8.546	8.236	0.310
30	040U30	9.996	10.259	-0.263
50	041B50	8.884	9.578	-0.694
50	042B50	10.971	9.291	1.680
50	043B50	6.892	9.032	-2.140
50	044B50	10.676	11.708	-1.032
50	045B50	13.034	11.938	1.097
50	047U50	10.633	10.480	0.153
50	048U50	10.898	8.427	2.471
50	049U50	7.638	9.102	-1.464
50	050U50	10.042	7.947	2.095
50	051U50	9.184	12.444	-3.261
100	052B100	10.370	7.241	3.129
100	053B100	11.251	10.892	0.359
100	055B100	9.227	10.081	-0.854
100	056B100	0.958	4.813	-3.856
100	058B100	7.195	7.311	-0.117
100	059B100	7.560	9.630	-2.070
100	060B100	10.148	9.741	0.407
100	061B100	6.784	7.792	-1.008
100	063B100	4.090	5.640	-1.550
100	064B100	11.579	11.238	0.341
100	065B100	7.868	6.768	1.100
100	066B100	9.330	9.186	0.145
100	067B100	13.181	13.060	0.121
100	068B100	10.928	10.249	0.679
100	069B100	11.527	10.172	1.355
100	070B100	10.074	9.290	0.784
100	071B100	11.227	9.568	1.659
100	072B100	7.581	7.551	0.030
100	074B100	9.995	9.329	0.666
100	076B100	0.563	3.647	-3.083
100	077B100	11.046	10.066	0.980
100	078B100	8.310	9.443	-1.132
100	079U100	11.962	12.869	-0.907
100	080U100	6.854	8.033	-1.179
100	081U100	10.932	9.561	1.371
100	082U100	12.538	12.669	-0.130
100	083U100	14.262	15.260	-0.998
	Max	14.262	15.260	3.642
	Average	9.299	9.146	0.153
	Min	0.563	3.647	-3.856
	Std Dev	2.501	2.142	1.498



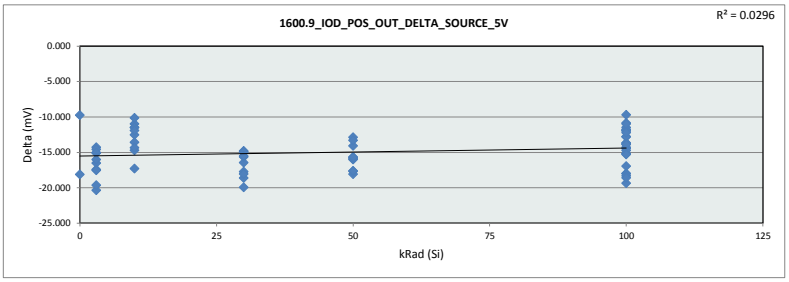
	1600.8_IOD_POS_OUT_DELTA					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	90	mV				
Min Limit	-90	mV				
kRad (Si)	0	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000	-90.000
Min	7.115	6.163	4.728	8.236	7.947	3.647
Average	9.127	7.986	7.973	10.219	9.995	9.300
Max	11.138	11.072	10.496	12.680	12.444	15.260
UL	90.000	90.000	90.000	90.000	90.000	90.000



TID Report
LMH5401-SP HDR

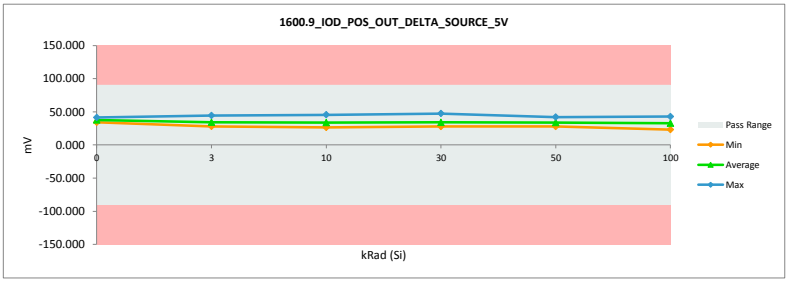
	1600.9_IOD_POS_OUT_DELTA_S	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	16.061	34.180	-18.119
0	106C1	31.820	41.576	-9.757
3	018B3	17.485	34.927	-17.442
3	019B3	14.159	28.459	-14.300
3	020B3	20.265	34.867	-14.602
3	021B3	17.139	32.262	-15.122
3	022B3	11.478	28.004	-16.526
3	023U3	12.893	33.256	-20.363
3	024U3	27.020	44.570	-17.551
3	025U3	13.854	33.498	-19.644
3	026U3	28.260	43.304	-15.044
3	027U3	14.525	30.555	-16.031
10	095B10	20.013	31.009	-10.996
10	096B10	26.043	40.758	-14.715
10	097B10	13.943	26.472	-12.530
10	098B10	20.559	32.024	-11.465
10	100B10	20.071	30.214	-10.143
10	101U10	19.914	33.517	-13.603
10	102U10	31.235	45.593	-14.358
10	103U10	19.427	30.934	-11.508
10	104U10	24.253	36.183	-11.930
10	105U10	14.505	31.808	-17.303
30	028B30	13.586	28.588	-15.003
30	029B30	13.040	27.843	-14.802
30	030B30	13.333	29.786	-16.453
30	032B30	15.863	30.797	-14.934
30	033B30	14.049	29.695	-15.646
30	034U30	18.371	33.897	-15.526
30	036U30	20.847	38.584	-17.737
30	037U30	24.352	42.979	-18.627
30	038U30	29.440	47.510	-18.070
30	040U30	11.391	31.335	-19.944
50	041B50	12.705	30.367	-17.662
50	042B50	20.136	38.227	-18.091
50	043B50	12.140	28.159	-16.019
50	044B50	13.825	27.912	-14.087
50	045B50	18.048	33.734	-15.685
50	047U50	28.798	41.683	-12.885
50	048U50	24.549	42.189	-17.640
50	049U50	15.397	31.297	-15.900
50	050U50	20.416	36.123	-15.707
50	051U50	16.024	29.337	-13.313
100	052B100	23.865	39.027	-15.162
100	053B100	21.836	33.614	-11.778
100	055B100	13.969	28.261	-14.292
100	056B100	9.297	27.303	-18.006
100	058B100	15.409	29.263	-13.854
100	059B100	13.121	26.812	-13.691
100	060B100	19.399	31.255	-11.856
100	061B100	13.039	25.842	-12.803
100	063B100	13.294	27.005	-13.711
100	064B100	14.958	29.453	-14.496
100	065B100	28.051	42.788	-14.736
100	066B100	25.431	36.931	-11.500
100	067B100	16.785	32.018	-15.233
100	068B100	23.942	35.916	-11.974
100	069B100	29.580	39.285	-9.705
100	070B100	25.880	36.754	-10.875
100	071B100	20.478	33.292	-12.814
100	072B100	18.066	30.032	-11.966
100	074B100	25.865	38.096	-12.231
100	076B100	12.158	23.153	-10.995
100	077B100	18.738	34.042	-15.304
100	078B100	13.709	27.600	-13.891
100	079U100	15.417	33.441	-18.024
100	080U100	13.951	32.273	-18.321
100	081U100	21.747	41.117	-19.370
100	082U100	17.518	36.113	-18.595
100	083U100	18.185	35.137	-16.952
	Max	31.820	47.510	-9.705
	Average	18.767	33.679	-14.912
	Min	9.297	23.153	-20.363
	Std Dev	5.603	5.401	2.669



	1600.9_IOD_POS_OUT_DELTA	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	90	mV
Min Limit	-90	mV

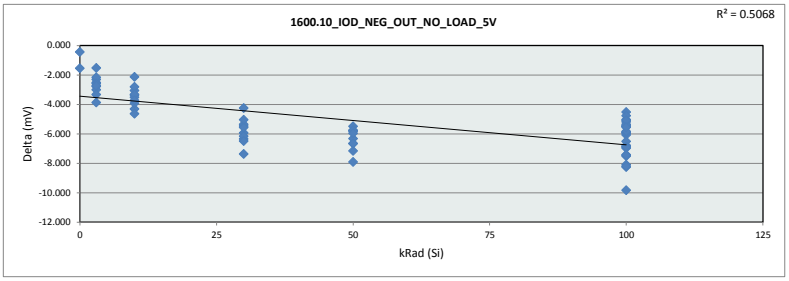
kRad (Si)	0	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000	-90.000
Min	34.180	28.004	26.472	27.843	27.912	23.153
Average	37.878	34.370	33.851	34.101	33.903	32.808
Max	41.576	44.571	45.593	47.510	42.189	42.788
UL	90.000	90.000	90.000	90.000	90.000	90.000



TID Report
LMH5401-SP HDR

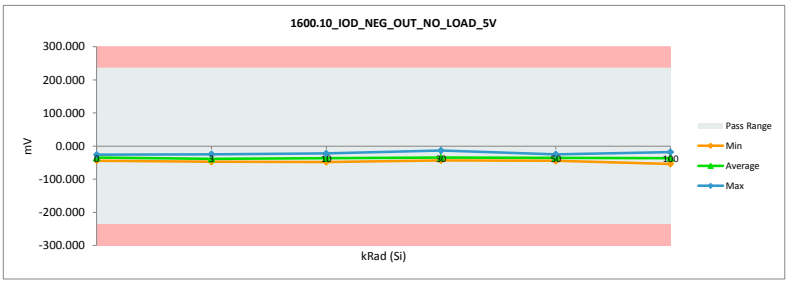
	1600.10_IOD_NEG_OUT_NO_LOA	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-44.324	-43.888	-0.437
0	106C1	-27.604	-26.063	-1.541
3	018B3	-35.202	-31.328	-3.874
3	019B3	-50.030	-47.250	-2.780
3	020B3	-40.725	-37.718	-3.007
3	021B3	-43.692	-40.362	-3.329
3	022B3	-46.550	-44.039	-2.511
3	023U3	-41.716	-39.407	-2.309
3	024U3	-27.844	-25.678	-2.166
3	025U3	-49.463	-46.871	-2.592
3	026U3	-27.227	-24.492	-2.735
3	027U3	-48.924	-47.399	-1.525
10	095B10	-42.659	-39.289	-3.371
10	096B10	-26.719	-22.405	-4.315
10	097B10	-52.531	-47.892	-4.639
10	098B10	-45.121	-41.607	-3.514
10	100B10	-40.950	-37.893	-3.057
10	101U10	-38.029	-35.225	-2.805
10	102U10	-26.657	-22.731	-3.926
10	103U10	-43.728	-41.597	-2.130
10	104U10	-37.089	-33.765	-3.324
10	105U10	-48.979	-45.255	-3.724
30	028B30	-44.410	-38.470	-5.940
30	029B30	-42.851	-36.507	-6.345
30	030B30	-45.814	-40.345	-5.469
30	032B30	-48.288	-42.931	-5.358
30	033B30	-41.963	-35.804	-6.159
30	034U30	-42.743	-37.179	-5.564
30	036U30	-40.137	-35.885	-4.251
30	037U30	-35.148	-28.654	-6.494
30	038U30	-21.178	-13.814	-7.364
30	040U30	-43.214	-38.168	-5.046
50	041B50	-44.487	-38.667	-5.819
50	042B50	-37.167	-30.513	-6.654
50	043B50	-48.863	-43.081	-5.783
50	044B50	-41.855	-36.361	-5.493
50	045B50	-40.343	-34.018	-6.325
50	047U50	-32.563	-24.650	-7.913
50	048U50	-34.237	-27.080	-7.157
50	049U50	-50.297	-44.549	-5.748
50	050U50	-41.755	-35.796	-5.958
50	051U50	-43.459	-36.805	-6.654
100	052B100	-34.126	-28.198	-5.928
100	053B100	-40.540	-33.114	-7.425
100	055B100	-47.567	-42.380	-5.187
100	056B100	-58.074	-48.246	-9.828
100	058B100	-51.779	-46.290	-5.489
100	059B100	-46.252	-40.783	-5.469
100	060B100	-44.254	-38.784	-5.470
100	061B100	-49.071	-44.556	-4.515
100	063B100	-56.068	-51.036	-5.032
100	064B100	-42.589	-37.236	-5.353
100	065B100	-25.468	-18.497	-6.971
100	066B100	-36.269	-29.400	-6.869
100	067B100	-35.701	-29.627	-6.074
100	068B100	-37.155	-31.202	-5.953
100	069B100	-31.841	-25.052	-6.789
100	070B100	-34.218	-26.707	-7.511
100	071B100	-42.554	-37.784	-4.771
100	072B100	-48.454	-43.375	-5.078
100	074B100	-34.995	-29.105	-5.890
100	076B100	-60.047	-53.529	-6.517
100	077B100	-40.971	-35.133	-5.838
100	078B100	-47.762	-42.208	-5.554
100	079U100	-41.167	-32.911	-8.256
100	080U100	-51.275	-44.373	-6.902
100	081U100	-36.208	-28.104	-8.104
100	082U100	-36.641	-28.440	-8.201
100	083U100	-35.187	-27.736	-7.451
	Max	-21.178	-13.814	-0.437
	Average	-41.344	-36.163	-5.182
	Min	-60.047	-53.529	-9.828
	Std Dev	7.924	8.224	1.904



	1600.10_IOD_NEG_OUT_NO_L	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

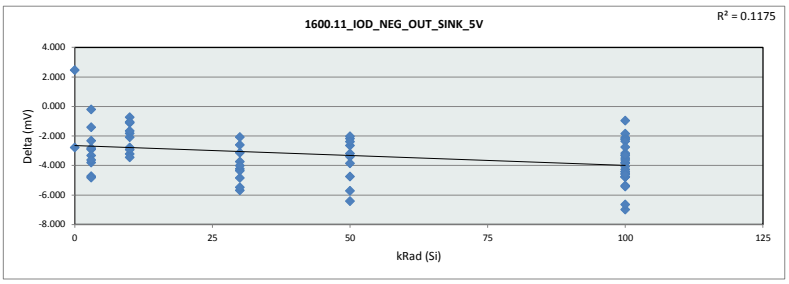
kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-43.888	-47.399	-47.892	-42.931	-44.550	-53.529
Average	-34.975	-38.455	-36.766	-34.776	-35.152	-36.067
Max	-26.063	-24.492	-22.405	-13.814	-24.650	-18.497
UL	235.000	235.000	235.000	235.000	235.000	235.000



TID Report
LMH5401-SP HDR

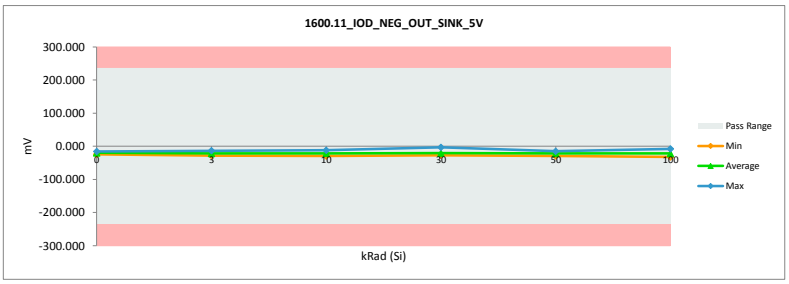
	1600.11_IOD_NEG_OUT_SINK_5	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-27.028	-24.239	-2.789
0	106C1	-13.254	-15.711	2.457
3	018B3	-21.551	-16.819	-4.732
3	019B3	-30.065	-27.157	-2.908
3	020B3	-23.480	-19.673	-3.808
3	021B3	-26.472	-21.648	-4.824
3	022B3	-26.614	-23.790	-2.824
3	023U3	-26.405	-24.076	-2.329
3	024U3	-15.418	-14.005	-1.413
3	025U3	-31.097	-27.772	-3.326
3	026U3	-13.598	-13.394	-0.203
3	027U3	-31.129	-27.497	-3.631
10	095B10	-26.320	-23.099	-3.221
10	096B10	-12.618	-11.877	-0.740
10	097B10	-30.552	-29.438	-1.114
10	098B10	-27.893	-25.104	-2.789
10	100B10	-22.659	-20.573	-2.086
10	101U10	-22.791	-19.860	-2.931
10	102U10	-13.268	-12.209	-1.059
10	103U10	-25.065	-23.238	-1.828
10	104U10	-21.174	-19.510	-1.664
10	105U10	-30.380	-26.929	-3.451
30	028B30	-29.306	-23.615	-5.691
30	029B30	-28.010	-22.523	-5.487
30	030B30	-29.351	-25.117	-4.233
30	032B30	-29.991	-26.847	-3.145
30	033B30	-26.059	-21.212	-4.847
30	034U30	-25.506	-22.897	-2.608
30	036U30	-24.501	-20.761	-3.741
30	037U30	-20.919	-18.838	-2.081
30	038U30	-7.754	-3.391	-4.362
30	040U30	-27.053	-23.042	-4.012
50	041B50	-27.935	-23.180	-4.755
50	042B50	-21.876	-18.685	-3.191
50	043B50	-31.584	-27.725	-3.860
50	044B50	-27.765	-22.047	-5.718
50	045B50	-26.006	-19.582	-6.424
50	047U50	-17.245	-15.058	-2.187
50	048U50	-19.000	-16.978	-2.022
50	049U50	-31.704	-29.052	-2.652
50	050U50	-24.258	-21.863	-2.395
50	051U50	-26.113	-22.715	-3.398
100	052B100	-18.336	-16.228	-2.109
100	053B100	-24.402	-22.184	-2.217
100	055B100	-31.405	-26.858	-4.547
100	056B100	-34.600	-30.804	-3.796
100	058B100	-31.327	-26.538	-4.789
100	059B100	-29.374	-24.944	-4.430
100	060B100	-26.444	-22.371	-4.074
100	061B100	-31.419	-27.571	-3.848
100	063B100	-34.357	-32.504	-1.853
100	064B100	-26.300	-20.934	-5.366
100	065B100	-11.423	-7.795	-3.628
100	066B100	-20.730	-17.227	-3.503
100	067B100	-23.915	-16.921	-6.994
100	068B100	-22.365	-20.141	-2.224
100	069B100	-18.012	-15.649	-2.363
100	070B100	-18.880	-15.707	-3.172
100	071B100	-25.648	-20.881	-4.767
100	072B100	-29.798	-24.370	-5.428
100	074B100	-21.263	-18.512	-2.752
100	076B100	-33.268	-32.307	-0.961
100	077B100	-24.982	-18.330	-6.652
100	078B100	-30.501	-25.724	-4.778
100	079U100	-26.100	-21.839	-4.262
100	080U100	-32.234	-28.900	-3.334
100	081U100	-21.690	-18.397	-3.293
100	082U100	-23.300	-18.895	-4.405
100	083U100	-22.627	-18.017	-4.610
	Max	-7.754	-3.391	2.457
	Average	-24.862	-21.497	-3.365
	Min	-34.600	-32.504	-6.994
	Std Dev	5.879	5.488	1.608



	1600.11_IOD_NEG_OUT_SINK	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

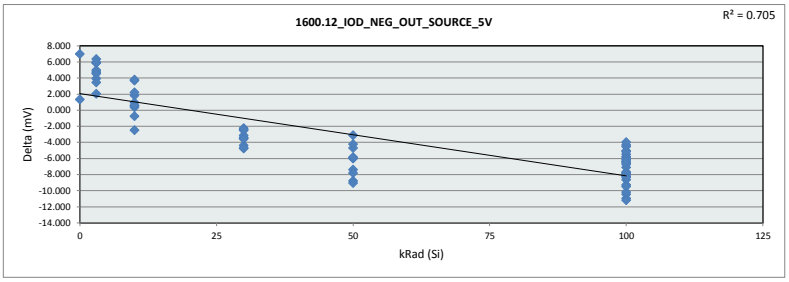
kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-24.239	-27.772	-29.438	-26.847	-29.052	-32.504
Average	-19.975	-21.583	-21.184	-20.824	-21.688	-21.872
Max	-15.711	-13.395	-11.878	-3.391	-15.058	-7.795
UL	235.000	235.000	235.000	235.000	235.000	235.000



TID Report
LMH5401-SP HDR

	1600.12_IOD_NEG_OUT_SOURCE	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-18.255	-25.214	6.959
0	106C1	-1.027	-2.339	1.312
3	018B3	-8.458	-13.180	4.723
3	019B3	-26.498	-32.348	5.851
3	020B3	-16.303	-22.194	5.891
3	021B3	-19.106	-24.063	4.957
3	022B3	-19.242	-23.148	3.906
3	023U3	-15.010	-19.537	4.527
3	024U3	-3.223	-6.665	3.442
3	025U3	-26.423	-32.768	6.345
3	026U3	-0.276	-2.304	2.028
3	027U3	-24.280	-30.219	5.939
10	095B10	-20.521	-20.868	0.347
10	096B10	-2.032	0.463	-2.495
10	097B10	-31.407	-30.642	-0.765
10	098B10	-24.212	-25.154	0.942
10	100B10	-12.760	-13.296	0.535
10	101U10	-12.558	-16.231	3.673
10	102U10	-3.397	-3.985	0.588
10	103U10	-16.478	-20.250	3.772
10	104U10	-7.866	-9.679	1.814
10	105U10	-28.136	-30.337	2.202
30	028B30	-20.486	-17.973	-2.512
30	029B30	-16.021	-13.774	-2.247
30	030B30	-22.697	-19.281	-3.416
30	032B30	-25.913	-21.518	-4.394
30	033B30	-15.897	-12.425	-3.472
30	034U30	-13.739	-10.591	-3.148
30	036U30	-17.097	-14.656	-2.441
30	037U30	-10.299	-5.530	-4.768
30	038U30	3.775	7.364	-3.589
30	040U30	-21.715	-17.034	-4.682
50	041B50	-20.632	-15.916	-4.716
50	042B50	-13.509	-7.573	-5.936
50	043B50	-25.277	-19.260	-6.017
50	044B50	-16.561	-12.335	-4.226
50	045B50	-15.438	-12.311	-3.127
50	047U50	-2.661	4.744	-7.405
50	048U50	-10.280	-2.466	-7.814
50	049U50	-29.152	-20.365	-8.787
50	050U50	-14.305	-8.454	-5.851
50	051U50	-22.440	-13.373	-9.067
100	052B100	-10.327	-2.513	-7.814
100	053B100	-10.864	-2.198	-8.666
100	055B100	-24.803	-19.310	-5.493
100	056B100	-36.134	-25.690	-10.445
100	058B100	-29.203	-24.151	-5.052
100	059B100	-23.770	-17.999	-5.771
100	060B100	-18.809	-12.459	-6.350
100	061B100	-23.951	-18.782	-5.169
100	063B100	-33.747	-26.067	-7.680
100	064B100	-20.229	-13.663	-6.566
100	065B100	-2.980	5.045	-8.025
100	066B100	-6.955	0.160	-7.114
100	067B100	-10.816	-6.483	-4.333
100	068B100	-10.710	-2.858	-7.851
100	069B100	-4.318	3.899	-8.217
100	070B100	-5.370	2.989	-8.359
100	071B100	-21.495	-15.549	-5.946
100	072B100	-24.546	-20.000	-4.546
100	074B100	-7.107	-0.379	-6.728
100	076B100	-34.833	-28.668	-6.165
100	077B100	-17.927	-13.938	-3.988
100	078B100	-25.175	-18.740	-6.435
100	079U100	-17.141	-6.178	-10.963
100	080U100	-29.766	-18.575	-11.191
100	081U100	-11.304	-1.126	-10.178
100	082U100	-10.010	-0.715	-9.295
100	083U100	-13.839	-4.335	-9.504
	Max	3.775	7.364	6.959
	Average	-16.724	-13.405	-3.318
	Min	-36.134	-32.768	-11.191
	Std Dev	9.129	10.215	4.993



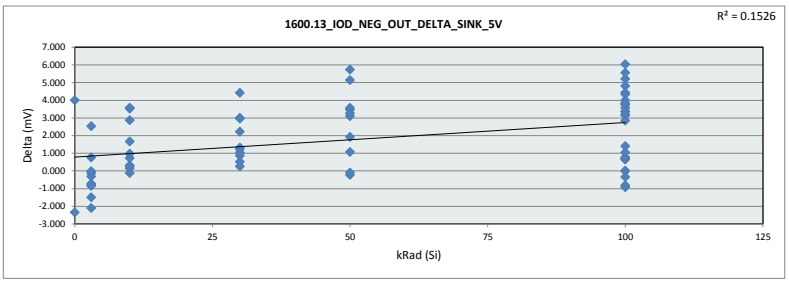
	1600.12_IOD_NEG_OUT_SOUR	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-25.214	-32.768	-30.642	-21.518	-20.365	-28.668
Average	-13.777	-20.643	-16.998	-12.542	-10.731	-10.677
Max	-2.339	-2.304	0.463	7.364	4.744	5.045
UL	235.000	235.000	235.000	235.000	235.000	235.000

TID Report
LMH5401-SP HDR

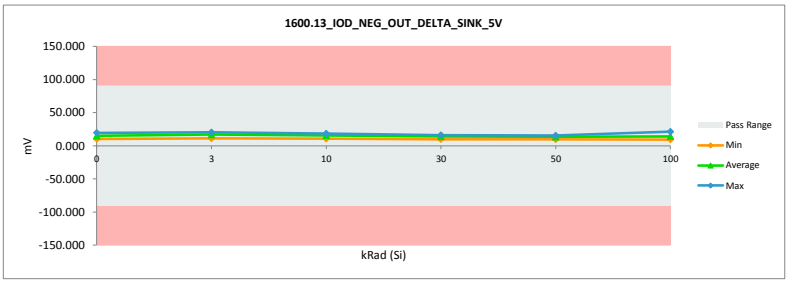
	1600.13_IOD_NEG_OUT_DELTA_	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	17.296	19.649	-2.352
0	106C1	14.349	10.351	3.998
3	018B3	13.651	14.509	-0.857
3	019B3	19.965	20.094	-0.129
3	020B3	17.245	18.045	-0.800
3	021B3	17.219	18.714	-1.495
3	022B3	19.936	20.249	-0.313
3	023U3	15.311	15.331	-0.021
3	024U3	12.426	11.673	0.753
3	025U3	18.365	19.099	-0.733
3	026U3	13.629	11.097	2.532
3	027U3	17.795	19.901	-2.106
10	095B10	16.339	16.190	0.149
10	096B10	14.102	10.527	3.574
10	097B10	21.978	18.454	3.524
10	098B10	17.228	16.503	0.725
10	100B10	18.292	17.320	0.971
10	101U10	15.239	15.365	-0.126
10	102U10	13.389	10.522	2.867
10	103U10	18.662	18.360	0.303
10	104U10	15.915	14.255	1.660
10	105U10	18.599	18.326	0.273
30	028B30	15.104	14.856	0.248
30	029B30	14.841	13.983	0.858
30	030B30	16.464	15.228	1.236
30	032B30	18.297	16.084	2.213
30	033B30	15.904	14.592	1.312
30	034U30	17.238	14.282	2.956
30	036U30	15.635	15.125	0.511
30	037U30	14.229	9.816	4.413
30	038U30	13.424	10.422	3.002
30	040U30	16.160	15.126	1.034
50	041B50	16.551	15.487	1.064
50	042B50	15.291	11.828	3.463
50	043B50	17.279	15.356	1.923
50	044B50	14.090	14.314	-0.224
50	045B50	14.337	14.436	-0.099
50	047U50	15.317	9.592	5.726
50	048U50	15.238	10.103	5.135
50	049U50	18.594	15.498	3.096
50	050U50	17.496	13.933	3.563
50	051U50	17.346	14.090	3.256
100	052B100	15.790	11.970	3.820
100	053B100	16.138	10.930	5.208
100	055B100	16.162	15.521	0.640
100	056B100	23.474	17.442	6.032
100	058B100	20.452	19.752	0.700
100	059B100	16.878	15.838	1.040
100	060B100	17.810	16.414	1.396
100	061B100	17.652	16.985	0.667
100	063B100	21.711	18.532	3.179
100	064B100	16.289	16.302	-0.013
100	065B100	14.045	10.702	3.343
100	066B100	15.540	12.173	3.366
100	067B100	11.786	12.706	-0.920
100	068B100	14.790	11.061	3.729
100	069B100	13.829	9.403	4.426
100	070B100	15.339	11.000	4.339
100	071B100	16.906	16.902	0.004
100	072B100	18.656	19.006	-0.349
100	074B100	13.731	10.594	3.138
100	076B100	26.779	21.222	5.557
100	077B100	15.989	16.803	-0.814
100	078B100	17.261	16.484	0.777
100	079U100	15.067	11.073	3.995
100	080U100	19.041	15.473	3.568
100	081U100	14.518	9.708	4.810
100	082U100	13.341	9.545	3.796
100	083U100	12.560	9.719	2.841
	Max	26.779	21.222	6.032
	Average	16.483	14.666	1.817
	Min	11.786	9.403	-2.352
	Std Dev	2.625	3.289	2.059



	1600.13_IOD_NEG_OUT_DELTA	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	90	mV
Min Limit	-90	mV

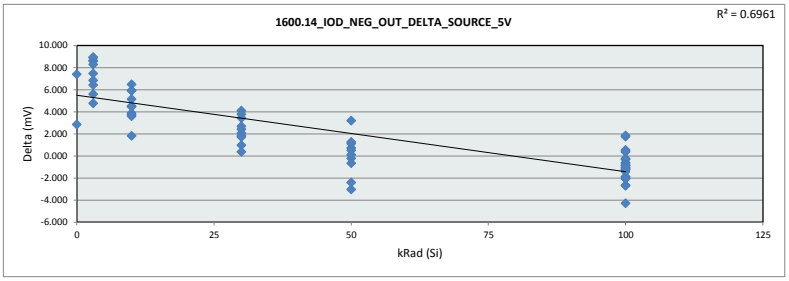
kRad (Si)	0	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000	-90.000
Min	10.351	11.097	10.522	9.816	9.592	9.403
Average	15.000	16.871	15.582	13.951	13.464	14.195
Max	19.649	20.249	18.454	16.084	15.498	21.222
UL	90.000	90.000	90.000	90.000	90.000	90.000



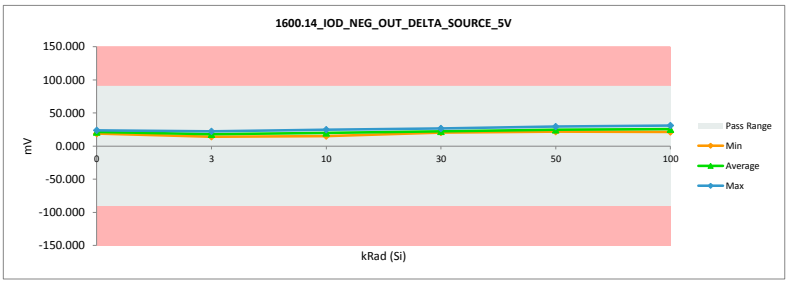
TID Report
LMH5401-SP HDR

	1600.14_IOD_NEG_OUT_DELTA_	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	26.069	18.673	7.396
0	106C1	26.576	23.723	2.853
3	018B3	26.745	18.148	8.597
3	019B3	23.532	14.902	8.630
3	020B3	24.423	15.524	8.898
3	021B3	24.586	16.300	8.286
3	022B3	27.308	20.891	6.417
3	023U3	26.705	19.870	6.835
3	024U3	24.622	19.014	5.608
3	025U3	23.040	14.103	8.937
3	026U3	26.951	22.188	4.763
3	027U3	24.644	17.180	7.464
10	095B10	22.138	18.420	3.718
10	096B10	24.688	22.868	1.820
10	097B10	21.124	17.250	3.873
10	098B10	20.909	16.452	4.456
10	100B10	28.190	24.597	3.593
10	101U10	25.471	18.993	6.478
10	102U10	23.260	18.746	4.514
10	103U10	27.249	21.347	5.902
10	104U10	29.224	24.086	5.138
10	105U10	20.843	14.918	5.925
30	028B30	23.924	20.497	3.427
30	029B30	26.830	22.732	4.098
30	030B30	23.117	21.065	2.053
30	032B30	22.376	21.412	0.963
30	033B30	26.065	23.379	2.686
30	034U30	29.005	26.588	2.417
30	036U30	23.040	21.229	1.811
30	037U30	24.849	23.124	1.726
30	038U30	24.952	21.177	3.775
30	040U30	21.498	21.134	0.364
50	041B50	23.854	22.751	1.104
50	042B50	23.659	22.941	0.718
50	043B50	23.586	23.820	-0.234
50	044B50	25.294	24.027	1.267
50	045B50	24.905	21.706	3.198
50	047U50	29.902	29.394	0.508
50	048U50	23.958	24.615	-0.657
50	049U50	21.145	24.184	-3.039
50	050U50	27.450	27.343	0.107
50	051U50	21.019	23.432	-2.413
100	052B100	23.799	25.685	-1.886
100	053B100	29.675	30.916	-1.240
100	055B100	22.763	23.069	-0.306
100	056B100	21.940	22.557	-0.617
100	058B100	22.576	22.139	0.437
100	059B100	22.481	22.784	-0.302
100	060B100	25.445	26.325	-0.880
100	061B100	25.120	25.774	-0.654
100	063B100	22.321	24.969	-2.647
100	064B100	22.360	23.572	-1.212
100	065B100	22.488	23.542	-1.054
100	066B100	29.315	29.560	-0.245
100	067B100	24.885	23.143	1.742
100	068B100	26.445	28.343	-1.898
100	069B100	27.523	28.951	-1.428
100	070B100	28.848	29.697	-0.848
100	071B100	21.059	22.235	-1.175
100	072B100	23.908	23.375	0.533
100	074B100	27.888	28.726	-0.838
100	076B100	25.213	24.861	0.353
100	077B100	23.044	21.194	1.850
100	078B100	22.587	23.468	-0.881
100	079U100	24.027	26.733	-2.706
100	080U100	21.508	25.798	-4.290
100	081U100	24.904	26.979	-2.075
100	082U100	26.631	27.725	-1.094
100	083U100	21.348	23.401	-2.053
	Max	29.902	30.916	8.937
	Average	24.621	22.757	1.863
	Min	20.843	14.103	-4.290
	Std Dev	2.428	3.837	3.399



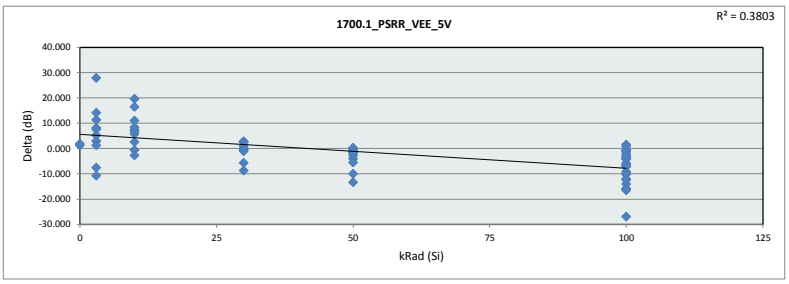
	1600.14_IOD_NEG_OUT_DELTA					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	90	mV				
Min Limit	-90	mV				
kRad (Si)	0	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000	-90.000
Min	18.673	14.103	14.918	20.497	21.707	21.194
Average	21.198	17.812	19.768	22.234	24.421	25.390
Max	23.723	22.188	24.597	26.588	29.394	30.916
UL	90.000	90.000	90.000	90.000	90.000	90.000



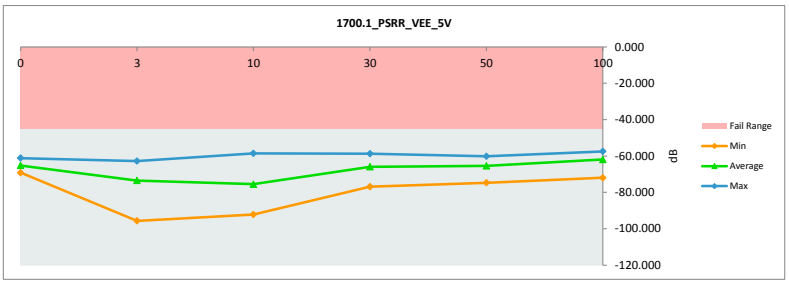
TID Report
LMH5401-SP HDR

	1700.1_PSRR_VEE_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-45	-45
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-67.843	-69.168	1.325
0	106C1	-59.235	-61.126	1.891
3	018B3	-69.796	-75.077	5.281
3	019B3	-70.295	-62.777	-7.517
3	020B3	-67.735	-95.626	27.891
3	021B3	-64.408	-72.592	8.184
3	022B3	-64.510	-72.167	7.657
3	023U3	-64.313	-78.429	14.115
3	024U3	-61.387	-64.329	2.942
3	025U3	-80.345	-69.623	-10.722
3	026U3	-63.576	-64.892	1.316
3	027U3	-67.746	-79.061	11.315
10	095B10	-67.704	-78.746	11.042
10	096B10	-63.586	-69.412	5.826
10	097B10	-75.910	-75.359	-0.550
10	098B10	-69.964	-77.422	7.457
10	100B10	-69.804	-89.445	19.641
10	101U10	-75.634	-92.147	16.512
10	102U10	-68.618	-75.381	6.763
10	103U10	-61.283	-58.573	-2.710
10	104U10	-58.151	-60.747	2.597
10	105U10	-69.585	-77.987	8.401
30	028B30	-75.404	-69.750	-5.654
30	029B30	-74.260	-76.929	2.669
30	030B30	-64.307	-63.870	-0.437
30	032B30	-60.538	-60.526	-0.012
30	033B30	-63.985	-63.676	-0.310
30	034U30	-57.723	-58.717	0.994
30	036U30	-77.603	-68.919	-8.685
30	037U30	-67.182	-70.006	2.824
30	038U30	-61.788	-64.338	2.549
30	040U30	-63.694	-62.645	-1.050
50	041B50	-61.591	-60.189	-1.402
50	042B50	-63.869	-63.377	-0.491
50	043B50	-70.502	-66.480	-4.022
50	044B50	-70.170	-64.679	-5.491
50	045B50	-80.338	-67.021	-13.316
50	047U50	-60.391	-60.700	0.309
50	048U50	-77.377	-74.669	-2.708
50	049U50	-77.702	-67.717	-9.985
50	050U50	-63.681	-62.988	-0.693
50	051U50	-67.952	-66.205	-1.748
100	052B100	-76.255	-67.061	-9.194
100	053B100	-58.118	-57.480	-0.638
100	055B100	-66.032	-60.167	-5.865
100	056B100	-75.162	-61.111	-14.051
100	058B100	-64.271	-57.626	-6.646
100	059B100	-73.955	-61.965	-11.990
100	060B100	-61.794	-57.648	-4.146
100	061B100	-70.398	-60.247	-10.151
100	063B100	-76.546	-60.086	-16.459
100	064B100	-76.760	-60.929	-15.831
100	065B100	-66.463	-64.074	-2.389
100	066B100	-58.804	-60.339	1.536
100	067B100	-71.050	-64.614	-6.437
100	068B100	-59.600	-58.249	-1.352
100	069B100	-59.834	-59.077	-0.758
100	070B100	-58.424	-59.288	0.865
100	071B100	-76.026	-60.180	-15.846
100	072B100	-61.831	-57.862	-3.969
100	074B100	-62.742	-61.770	-0.972
100	076B100	-73.496	-61.131	-12.365
100	077B100	-64.691	-61.047	-3.645
100	078B100	-89.750	-62.861	-26.889
100	079U100	-68.441	-67.874	-0.567
100	080U100	-63.469	-60.133	-3.335
100	081U100	-72.442	-69.427	-3.015
100	082U100	-78.934	-68.969	-9.964
100	083U100	-79.257	-72.001	-7.256
	Max	-57.723	-57.480	27.891
	Average	-68.203	-66.764	-1.440
	Min	-89.750	-95.626	-26.889
	Std Dev	6.929	8.220	8.828



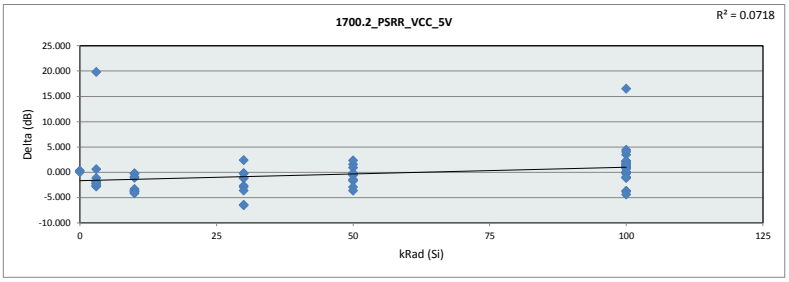
	1700.1_PSRR_VEE_5V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	-45	dB				
Min Limit		dB				
kRad (Si)	0	3	10	30	50	100
LL						
Min	-69.168	-95.626	-92.147	-76.929	-74.669	-72.001
Average	-65.147	-73.457	-75.522	-65.937	-65.403	-61.971
Max	-61.126	-62.777	-58.573	-58.717	-60.189	-57.481
UL	-45.000	-45.000	-45.000	-45.000	-45.000	-45.000



TID Report
LMH5401-SP HDR

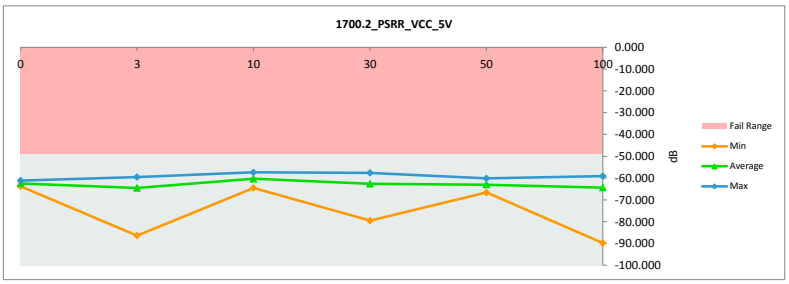
	1700.2_PSRR_VCC_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-49	-49
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-60.831	-61.137	0.306
0	106C1	-63.697	-63.726	0.028
3	018B3	-66.546	-86.356	19.810
3	019B3	-62.205	-62.786	0.581
3	020B3	-62.397	-60.535	-1.862
3	021B3	-61.627	-60.499	-1.128
3	022B3	-62.183	-59.904	-2.279
3	023U3	-64.320	-61.473	-2.847
3	024U3	-68.283	-66.409	-1.874
3	025U3	-62.189	-59.523	-2.665
3	026U3	-69.958	-67.339	-2.619
3	027U3	-62.252	-60.058	-2.194
10	095B10	-61.687	-57.930	-3.758
10	096B10	-65.617	-62.065	-3.552
10	097B10	-64.811	-64.518	-0.293
10	098B10	-61.173	-57.859	-3.314
10	100B10	-61.558	-61.335	-0.223
10	101U10	-62.851	-58.920	-3.931
10	102U10	-65.968	-62.190	-3.779
10	103U10	-60.464	-59.564	-0.900
10	104U10	-62.604	-61.493	-1.111
10	105U10	-61.542	-57.383	-4.159
30	028B30	-65.661	-59.169	-6.492
30	029B30	-67.492	-60.991	-6.502
30	030B30	-61.556	-60.349	-1.207
30	032B30	-60.775	-59.679	-1.095
30	033B30	-63.602	-63.415	-0.187
30	034U30	-60.183	-59.922	-0.261
30	036U30	-60.288	-57.602	-2.686
30	037U30	-63.036	-60.094	-2.943
30	038U30	-83.141	-79.528	-3.613
30	040U30	-62.819	-65.201	2.382
50	041B50	-62.733	-63.615	0.881
50	042B50	-64.198	-63.609	-0.589
50	043B50	-63.544	-61.816	-1.729
50	044B50	-65.019	-66.595	1.576
50	045B50	-62.120	-64.448	2.328
50	047U50	-61.911	-61.743	-0.168
50	048U50	-64.529	-61.610	-2.920
50	049U50	-61.580	-60.135	-1.445
50	050U50	-61.781	-61.458	-0.323
50	051U50	-68.456	-64.788	-3.668
100	052B100	-66.962	-68.293	1.331
100	053B100	-60.340	-61.474	1.135
100	055B100	-63.522	-65.718	2.195
100	056B100	-64.012	-63.733	-0.279
100	058B100	-59.848	-60.938	1.090
100	059B100	-64.263	-65.682	1.419
100	060B100	-59.702	-60.667	0.965
100	061B100	-63.228	-64.906	1.677
100	063B100	-60.401	-61.086	0.685
100	064B100	-62.826	-67.234	4.409
100	065B100	-73.299	-89.791	16.492
100	066B100	-63.613	-65.152	1.539
100	067B100	-65.462	-68.905	3.443
100	068B100	-62.005	-62.027	0.021
100	069B100	-62.125	-66.152	4.027
100	070B100	-63.651	-65.761	2.111
100	071B100	-60.685	-62.522	1.837
100	072B100	-59.145	-61.380	2.236
100	074B100	-63.440	-63.321	-0.119
100	076B100	-62.226	-61.172	-1.054
100	077B100	-61.618	-62.947	1.330
100	078B100	-62.328	-62.404	0.076
100	079U100	-63.865	-60.176	-3.688
100	080U100	-60.225	-59.079	-1.146
100	081U100	-64.078	-63.091	-0.987
100	082U100	-65.292	-61.446	-3.845
100	083U100	-66.662	-62.253	-4.409
	Max	-59.145	-57.383	19.810
	Average	-63.536	-63.276	-0.260
	Min	-83.141	-89.791	-6.502
	Std Dev	3.503	5.459	3.979



	1700.2_PSRR_VCC_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	-49	dB
Min Limit		dB

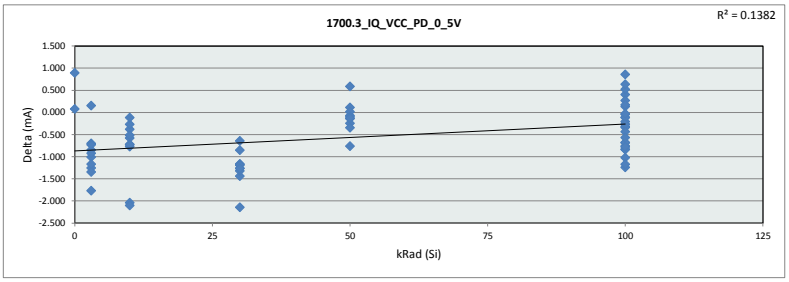
kRad (Si)	0	3	10	30	50	100
LL						
Min	-63.726	-86.356	-64.518	-79.528	-66.595	-89.791
Average	-62.432	-64.488	-60.326	-62.595	-62.982	-64.345
Max	-61.137	-59.524	-57.383	-57.602	-60.135	-59.079
UL	-49.000	-49.000	-49.000	-49.000	-49.000	-49.000



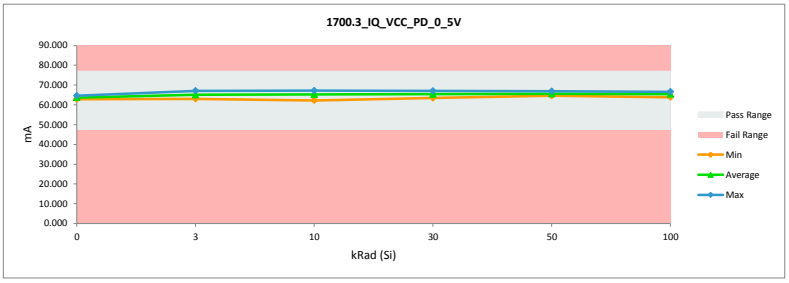
TID Report
LMH5401-SP HDR

	1700.3_IQ_VCC_PD_0_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	77	77
Min Limit	47	47

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	65.459	64.567	0.892
0	106C1	62.951	62.874	0.077
3	018B3	62.335	63.033	-0.698
3	019B3	65.171	66.426	-1.256
3	020B3	64.375	65.225	-0.850
3	021B3	65.086	66.093	-1.007
3	022B3	63.631	64.552	-0.922
3	023U3	63.393	64.737	-1.344
3	024U3	62.098	63.866	-1.768
3	025U3	65.945	67.115	-1.170
3	026U3	62.932	63.665	-0.733
3	027U3	66.073	65.919	0.154
10	095B10	65.509	65.888	-0.379
10	096B10	61.470	62.244	-0.774
10	097B10	65.213	65.483	-0.270
10	098B10	66.459	67.178	-0.719
10	100B10	65.246	65.362	-0.116
10	101U10	64.917	65.496	-0.580
10	102U10	64.021	64.535	-0.515
10	103U10	64.774	65.504	-0.730
10	104U10	62.650	64.688	-2.037
10	105U10	64.894	66.994	-2.100
30	028B30	65.137	65.783	-0.646
30	029B30	63.521	64.960	-1.439
30	030B30	64.750	66.071	-1.320
30	032B30	63.892	65.067	-1.175
30	033B30	63.340	64.603	-1.262
30	034U30	63.711	64.876	-1.165
30	036U30	66.121	66.974	-0.853
30	037U30	64.598	65.792	-1.194
30	038U30	62.209	63.473	-1.264
30	040U30	64.365	66.506	-2.142
50	041B50	64.505	64.752	-0.247
50	042B50	64.755	65.100	-0.345
50	043B50	65.306	64.719	0.587
50	044B50	65.256	65.396	-0.141
50	045B50	66.082	66.844	-0.762
50	047U50	64.533	64.606	-0.073
50	048U50	66.311	66.200	0.111
50	049U50	66.803	66.787	0.016
50	050U50	64.974	65.072	-0.098
50	051U50	66.294	66.424	-0.130
100	052B100	65.400	65.266	0.134
100	053B100	64.659	64.254	0.405
100	055B100	65.383	65.704	-0.321
100	056B100	65.854	66.615	-0.760
100	058B100	65.641	65.850	-0.209
100	059B100	64.955	65.976	-1.021
100	060B100	63.850	65.091	-1.241
100	061B100	65.109	65.377	-0.268
100	063B100	66.386	66.429	-0.044
100	064B100	65.687	66.518	-0.831
100	065B100	63.032	63.870	-0.838
100	066B100	64.974	65.092	-0.118
100	067B100	64.278	65.450	-1.172
100	068B100	64.591	65.277	-0.686
100	069B100	64.209	64.549	-0.340
100	070B100	65.170	64.649	0.522
100	071B100	66.623	65.765	0.858
100	072B100	64.877	64.988	-0.110
100	074B100	64.913	65.184	-0.271
100	076B100	66.477	65.842	0.635
100	077B100	65.757	65.490	0.267
100	078B100	66.107	65.935	0.172
100	079U100	65.316	65.996	-0.680
100	080U100	65.188	65.624	-0.436
100	081U100	64.814	65.595	-0.781
100	082U100	64.845	64.876	-0.031
100	083U100	65.663	66.230	-0.567
	Max	66.803	67.178	0.892
	Average	64.794	65.347	-0.552
	Min	61.470	62.244	-2.142
	Std Dev	1.173	1.012	0.669



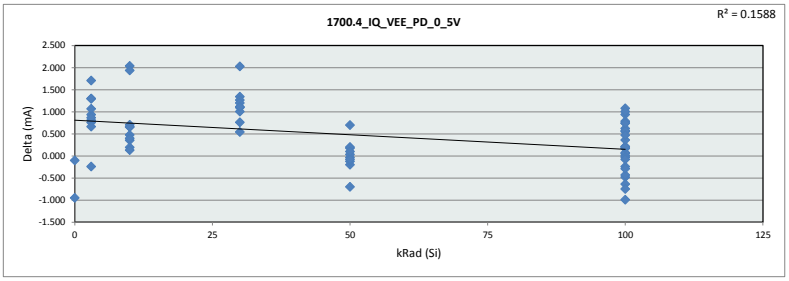
	1700.3_IQ_VCC_PD_0_5V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	77	mA				
Min Limit	47	mA				
kRad (Si)	0	3	10	30	50	100
LL	47.000	47.000	47.000	47.000	47.000	47.000
Min	62.874	63.033	62.245	63.473	64.606	63.870
Average	63.721	65.063	65.337	65.410	65.590	65.463
Max	64.567	67.115	67.178	66.974	66.844	66.615
UL	77.000	77.000	77.000	77.000	77.000	77.000



TID Report
LMH5401-SP HDR

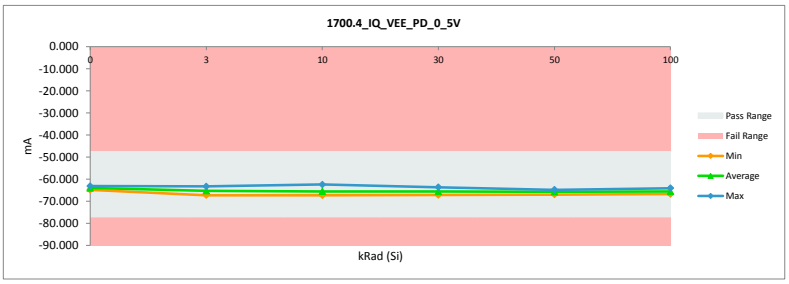
	1700.4_IQ_VEE_PD_0_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	-47	-47
Min Limit	-77	-77

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-65.730	-64.780	-0.951
0	106C1	-63.194	-63.093	-0.101
3	018B3	-62.424	-63.232	0.808
3	019B3	-65.284	-66.580	1.296
3	020B3	-64.601	-65.357	0.756
3	021B3	-65.304	-66.237	0.933
3	022B3	-63.849	-64.713	0.864
3	023U3	-63.606	-64.903	1.297
3	024U3	-62.302	-64.009	1.707
3	025U3	-66.166	-67.234	1.068
3	026U3	-63.135	-63.799	0.664
3	027U3	-66.302	-66.061	-0.241
10	095B10	-65.716	-66.070	0.354
10	096B10	-61.704	-62.407	0.704
10	097B10	-65.449	-65.641	0.192
10	098B10	-66.650	-67.307	0.657
10	100B10	-65.371	-65.501	0.130
10	101U10	-65.153	-65.629	0.476
10	102U10	-64.263	-64.662	0.399
10	103U10	-64.984	-65.641	0.657
10	104U10	-62.779	-64.814	2.035
10	105U10	-65.183	-67.120	1.937
30	028B30	-65.401	-65.941	0.540
30	029B30	-63.769	-65.109	1.341
30	030B30	-64.932	-66.199	1.266
30	032B30	-64.099	-65.203	1.104
30	033B30	-63.589	-64.787	1.198
30	034U30	-63.939	-65.033	1.094
30	036U30	-66.363	-67.122	0.759
30	037U30	-64.920	-65.925	1.005
30	038U30	-62.493	-63.607	1.113
30	040U30	-64.633	-66.658	2.026
50	041B50	-64.718	-64.894	0.176
50	042B50	-65.058	-65.259	0.201
50	043B50	-65.600	-64.900	-0.700
50	044B50	-65.557	-65.520	-0.037
50	045B50	-66.273	-66.971	0.698
50	047U50	-64.704	-64.737	0.033
50	048U50	-66.522	-66.323	-0.199
50	049U50	-67.033	-66.910	-0.124
50	050U50	-65.249	-65.172	-0.078
50	051U50	-66.465	-66.566	0.101
100	052B100	-65.671	-65.428	-0.243
100	053B100	-64.853	-64.372	-0.481
100	055B100	-65.667	-65.835	0.168
100	056B100	-66.110	-66.733	0.623
100	058B100	-65.897	-65.949	0.051
100	059B100	-65.184	-66.121	0.937
100	060B100	-64.121	-65.197	1.076
100	061B100	-65.301	-65.513	0.213
100	063B100	-66.528	-66.531	0.003
100	064B100	-65.868	-66.653	0.785
100	065B100	-63.274	-64.017	0.743
100	066B100	-65.152	-65.223	0.071
100	067B100	-64.516	-65.521	1.005
100	068B100	-64.792	-65.344	0.552
100	069B100	-64.437	-64.617	0.180
100	070B100	-65.392	-64.753	-0.638
100	071B100	-66.851	-65.859	-0.992
100	072B100	-65.132	-65.102	-0.030
100	074B100	-65.077	-65.288	0.211
100	076B100	-66.677	-65.929	-0.748
100	077B100	-66.018	-65.587	-0.431
100	078B100	-66.334	-66.043	-0.292
100	079U100	-65.538	-66.107	0.569
100	080U100	-65.364	-65.724	0.361
100	081U100	-64.978	-65.718	0.740
100	082U100	-65.070	-64.993	-0.077
100	083U100	-65.851	-66.323	0.472
	Max	-61.704	-62.407	2.035
	Average	-65.016	-65.480	0.464
	Min	-67.033	-67.307	-0.992
	Std Dev	1.174	1.002	0.676



	1700.4_IQ_VEE_PD_0_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	-47	mA
Min Limit	-77	mA

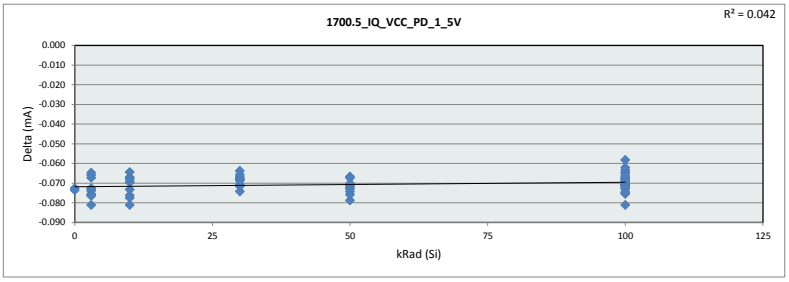
kRad (Si)	0	3	10	30	50	100
LL	-77.000	-77.000	-77.000	-77.000	-77.000	-77.000
Min	-64.780	-67.234	-67.307	-67.122	-66.971	-66.733
Average	-63.936	-65.213	-65.479	-65.558	-65.725	-65.573
Max	-63.093	-63.232	-62.407	-63.607	-64.737	-64.017
UL	-47.000	-47.000	-47.000	-47.000	-47.000	-47.000



TID Report
LMH5401-SP HDR

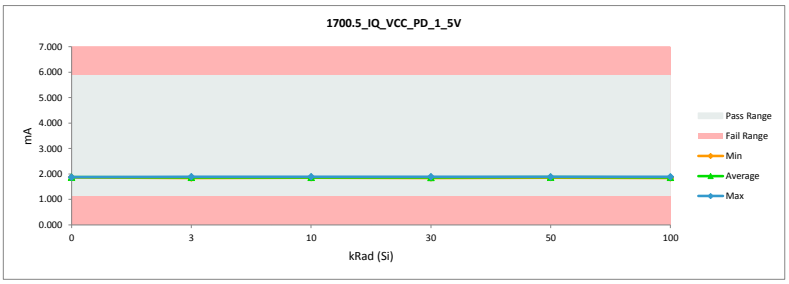
	1700.5_IQ_VCC_PD_1_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	5.875	5.875
Min Limit	1.125	1.125

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	1.796	1.868	-0.073
0	106C1	1.802	1.875	-0.074
3	018B3	1.786	1.861	-0.076
3	019B3	1.813	1.879	-0.066
3	020B3	1.815	1.880	-0.065
3	021B3	1.808	1.889	-0.081
3	022B3	1.799	1.866	-0.067
3	023U3	1.779	1.853	-0.074
3	024U3	1.784	1.857	-0.073
3	025U3	1.814	1.887	-0.073
3	026U3	1.763	1.839	-0.076
3	027U3	1.782	1.858	-0.076
10	095B10	1.796	1.865	-0.070
10	096B10	1.783	1.850	-0.067
10	097B10	1.785	1.853	-0.068
10	098B10	1.812	1.893	-0.081
10	100B10	1.806	1.875	-0.069
10	101U10	1.794	1.859	-0.064
10	102U10	1.786	1.853	-0.067
10	103U10	1.799	1.875	-0.076
10	104U10	1.789	1.862	-0.073
10	105U10	1.802	1.880	-0.077
30	028B30	1.789	1.853	-0.064
30	029B30	1.786	1.853	-0.067
30	030B30	1.788	1.856	-0.068
30	032B30	1.780	1.855	-0.074
30	033B30	1.785	1.853	-0.068
30	034U30	1.802	1.869	-0.067
30	036U30	1.823	1.889	-0.066
30	037U30	1.813	1.885	-0.072
30	038U30	1.770	1.841	-0.071
30	040U30	1.795	1.863	-0.069
50	041B50	1.786	1.857	-0.071
50	042B50	1.800	1.873	-0.073
50	043B50	1.791	1.863	-0.072
50	044B50	1.773	1.852	-0.079
50	045B50	1.814	1.885	-0.071
50	047U50	1.802	1.868	-0.067
50	048U50	1.816	1.883	-0.067
50	049U50	1.807	1.881	-0.074
50	050U50	1.812	1.882	-0.070
50	051U50	1.804	1.880	-0.076
100	052B100	1.816	1.881	-0.065
100	053B100	1.796	1.865	-0.069
100	055B100	1.784	1.852	-0.068
100	056B100	1.799	1.867	-0.068
100	058B100	1.798	1.869	-0.071
100	059B100	1.780	1.850	-0.069
100	060B100	1.815	1.880	-0.064
100	061B100	1.779	1.850	-0.071
100	063B100	1.814	1.881	-0.067
100	064B100	1.819	1.878	-0.058
100	065B100	1.778	1.845	-0.068
100	066B100	1.807	1.878	-0.071
100	067B100	1.781	1.844	-0.063
100	068B100	1.807	1.876	-0.069
100	069B100	1.796	1.868	-0.073
100	070B100	1.801	1.872	-0.071
100	071B100	1.816	1.888	-0.072
100	072B100	1.780	1.851	-0.071
100	074B100	1.807	1.869	-0.062
100	076B100	1.814	1.880	-0.066
100	077B100	1.800	1.881	-0.081
100	078B100	1.796	1.871	-0.075
100	079U100	1.793	1.864	-0.072
100	080U100	1.789	1.859	-0.071
100	081U100	1.802	1.875	-0.073
100	082U100	1.793	1.868	-0.076
100	083U100	1.787	1.862	-0.075
	Max	1.823	1.893	-0.058
	Average	1.797	1.867	-0.071
	Min	1.763	1.839	-0.081
	Std Dev	0.013	0.013	0.005



	1700.5_IQ_VCC_PD_1_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	5.875	mA
Min Limit	1.125	mA

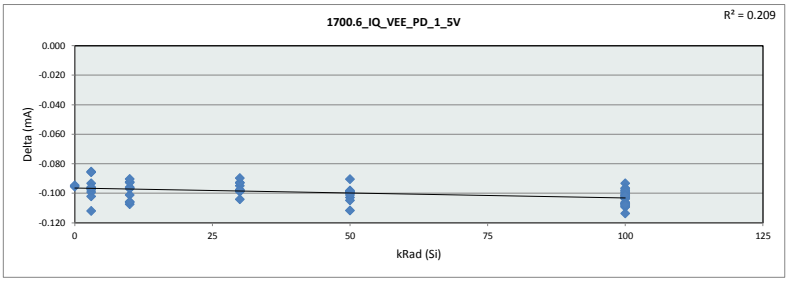
kRad (Si)	0	3	10	30	50	100
LL	1.125	1.125	1.125	1.125	1.125	1.125
Min	1.868	1.840	1.850	1.841	1.852	1.844
Average	1.872	1.867	1.867	1.862	1.873	1.868
Max	1.875	1.889	1.893	1.889	1.886	1.888
UL	5.875	5.875	5.875	5.875	5.875	5.875



TID Report
LMH5401-SP HDR

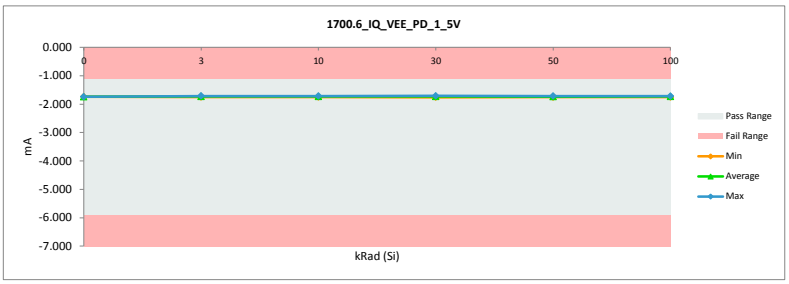
	1700.6_IQ_VEE_PD_1_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	-1.125	-1.125
Min Limit	-5.875	-5.875

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-1.839	-1.743	-0.096
0	106C1	-1.837	-1.743	-0.095
3	018B3	-1.811	-1.725	-0.085
3	019B3	-1.839	-1.754	-0.086
3	020B3	-1.846	-1.750	-0.097
3	021B3	-1.847	-1.748	-0.099
3	022B3	-1.835	-1.738	-0.097
3	023U3	-1.826	-1.714	-0.112
3	024U3	-1.825	-1.723	-0.102
3	025U3	-1.848	-1.750	-0.098
3	026U3	-1.806	-1.713	-0.093
3	027U3	-1.820	-1.724	-0.096
10	095B10	-1.833	-1.727	-0.106
10	096B10	-1.816	-1.715	-0.101
10	097B10	-1.826	-1.729	-0.097
10	098B10	-1.860	-1.753	-0.107
10	100B10	-1.842	-1.737	-0.106
10	101U10	-1.831	-1.735	-0.096
10	102U10	-1.824	-1.727	-0.097
10	103U10	-1.834	-1.742	-0.093
10	104U10	-1.822	-1.730	-0.092
10	105U10	-1.838	-1.747	-0.090
30	028B30	-1.819	-1.720	-0.099
30	029B30	-1.822	-1.723	-0.099
30	030B30	-1.824	-1.725	-0.099
30	032B30	-1.823	-1.728	-0.095
30	033B30	-1.815	-1.717	-0.098
30	034U30	-1.829	-1.737	-0.093
30	036U30	-1.856	-1.759	-0.097
30	037U30	-1.852	-1.747	-0.104
30	038U30	-1.805	-1.712	-0.093
30	040U30	-1.828	-1.738	-0.090
50	041B50	-1.820	-1.729	-0.090
50	042B50	-1.841	-1.741	-0.100
50	043B50	-1.830	-1.730	-0.100
50	044B50	-1.815	-1.717	-0.099
50	045B50	-1.849	-1.751	-0.098
50	047U50	-1.840	-1.729	-0.112
50	048U50	-1.856	-1.757	-0.099
50	049U50	-1.841	-1.738	-0.103
50	050U50	-1.848	-1.743	-0.105
50	051U50	-1.837	-1.736	-0.101
100	052B100	-1.852	-1.743	-0.108
100	053B100	-1.834	-1.727	-0.107
100	055B100	-1.820	-1.721	-0.099
100	056B100	-1.840	-1.731	-0.109
100	058B100	-1.837	-1.734	-0.103
100	059B100	-1.822	-1.718	-0.103
100	060B100	-1.847	-1.745	-0.102
100	061B100	-1.824	-1.723	-0.101
100	063B100	-1.850	-1.748	-0.102
100	064B100	-1.850	-1.743	-0.107
100	065B100	-1.819	-1.720	-0.098
100	066B100	-1.845	-1.738	-0.106
100	067B100	-1.817	-1.723	-0.093
100	068B100	-1.846	-1.746	-0.100
100	069B100	-1.832	-1.735	-0.097
100	070B100	-1.845	-1.748	-0.097
100	071B100	-1.850	-1.752	-0.098
100	072B100	-1.828	-1.724	-0.104
100	074B100	-1.845	-1.738	-0.107
100	076B100	-1.845	-1.746	-0.099
100	077B100	-1.845	-1.744	-0.101
100	078B100	-1.832	-1.730	-0.103
100	079U100	-1.828	-1.727	-0.102
100	080U100	-1.832	-1.719	-0.114
100	081U100	-1.840	-1.731	-0.109
100	082U100	-1.835	-1.728	-0.107
100	083U100	-1.832	-1.725	-0.108
	Max	-1.805	-1.712	-0.085
	Average	-1.834	-1.734	-0.100
	Min	-1.860	-1.759	-0.114
	Std Dev	0.013	0.012	0.006



	1700.6_IQ_VEE_PD_1_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	-1.125	mA
Min Limit	-5.875	mA

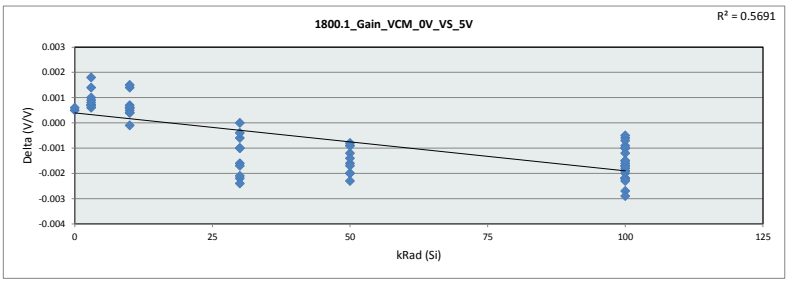
kRad (Si)	0	3	10	30	50	100
LL	-5.875	-5.875	-5.875	-5.875	-5.875	-5.875
Min	-1.743	-1.754	-1.753	-1.759	-1.757	-1.752
Average	-1.743	-1.734	-1.734	-1.731	-1.737	-1.734
Max	-1.743	-1.713	-1.715	-1.712	-1.717	-1.718
UL	-1.125	-1.125	-1.125	-1.125	-1.125	-1.125



TID Report
LMH5401-SP HDR

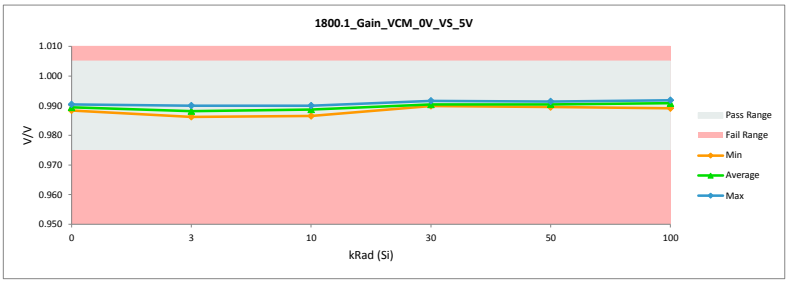
	1800.1_Gain_VCM_0V_VS_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V/V	V/V
Max Limit	1.005	1.005
Min Limit	0.975	0.975

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	0.989	0.988	0.001
0	106C1	0.991	0.990	0.001
3	018B3	0.989	0.988	0.002
3	019B3	0.988	0.986	0.001
3	020B3	0.989	0.988	0.001
3	021B3	0.989	0.988	0.001
3	022B3	0.989	0.988	0.001
3	023U3	0.989	0.988	0.001
3	024U3	0.991	0.990	0.001
3	025U3	0.988	0.988	0.001
3	026U3	0.991	0.990	0.001
3	027U3	0.988	0.987	0.001
10	095B10	0.989	0.988	0.001
10	096B10	0.991	0.990	0.002
10	097B10	0.987	0.987	0.001
10	098B10	0.989	0.988	0.000
10	100B10	0.989	0.989	0.001
10	101U10	0.989	0.988	0.001
10	102U10	0.991	0.990	0.001
10	103U10	0.990	0.990	0.000
10	104U10	0.990	0.990	0.001
10	105U10	0.988	0.988	0.000
30	028B30	0.988	0.990	-0.002
30	029B30	0.988	0.990	-0.002
30	030B30	0.989	0.990	-0.002
30	032B30	0.988	0.990	-0.002
30	033B30	0.989	0.990	-0.002
30	034U30	0.991	0.991	0.000
30	036U30	0.989	0.990	-0.001
30	037U30	0.990	0.990	-0.001
30	038U30	0.991	0.992	0.000
30	040U30	0.989	0.990	-0.001
50	041B50	0.989	0.991	-0.002
50	042B50	0.990	0.991	-0.001
50	043B50	0.988	0.990	-0.002
50	044B50	0.988	0.991	-0.002
50	045B50	0.989	0.990	-0.002
50	047U50	0.991	0.991	-0.001
50	048U50	0.990	0.991	-0.001
50	049U50	0.988	0.989	-0.001
50	050U50	0.989	0.990	-0.001
50	051U50	0.988	0.990	-0.002
100	052B100	0.989	0.991	-0.002
100	053B100	0.991	0.992	-0.001
100	055B100	0.988	0.991	-0.002
100	056B100	0.987	0.990	-0.003
100	058B100	0.988	0.991	-0.002
100	059B100	0.988	0.991	-0.003
100	060B100	0.989	0.991	-0.002
100	061B100	0.988	0.990	-0.002
100	063B100	0.988	0.990	-0.002
100	064B100	0.989	0.991	-0.002
100	065B100	0.991	0.992	-0.001
100	066B100	0.991	0.992	-0.001
100	067B100	0.989	0.992	-0.002
100	068B100	0.990	0.991	-0.001
100	069B100	0.991	0.992	-0.001
100	070B100	0.991	0.992	-0.001
100	071B100	0.989	0.991	-0.002
100	072B100	0.989	0.991	-0.002
100	074B100	0.990	0.991	-0.001
100	076B100	0.987	0.989	-0.002
100	077B100	0.989	0.991	-0.002
100	078B100	0.988	0.990	-0.002
100	079U100	0.989	0.991	-0.002
100	080U100	0.988	0.990	-0.002
100	081U100	0.989	0.991	-0.001
100	082U100	0.989	0.990	-0.001
100	083U100	0.989	0.991	-0.001
	Max	0.991	0.992	0.002
	Average	0.989	0.990	-0.001
	Min	0.987	0.986	-0.003
	Std Dev	0.001	0.001	0.001



	1800.1_Gain_VCM_0V_VS_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.005	V/V
Min Limit	0.975	V/V

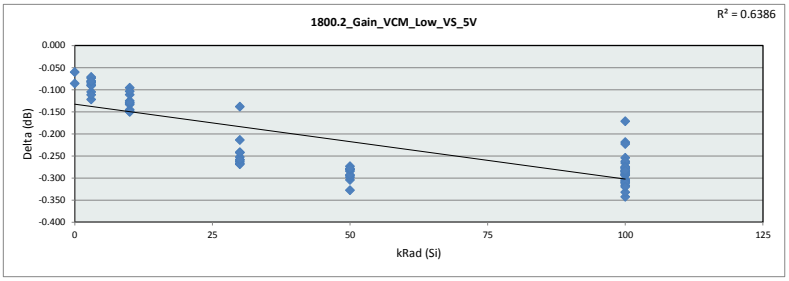
kRad (Si)	0	3	10	30	50	100
LL	0.975	0.975	0.975	0.975	0.975	0.975
Min	0.988	0.986	0.987	0.990	0.990	0.989
Average	0.989	0.988	0.989	0.990	0.990	0.991
Max	0.990	0.990	0.990	0.992	0.991	0.992
UL	1.005	1.005	1.005	1.005	1.005	1.005



TID Report
LMH5401-SP HDR

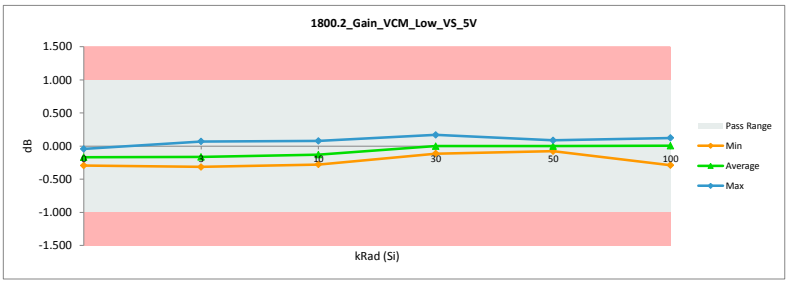
	1800.2_Gain_VCM_Low_VS_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	0.99	0.99
Min Limit	-0.99	-0.99

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-0.353	-0.293	-0.060
0	106C1	-0.128	-0.043	-0.086
3	018B3	-0.164	-0.042	-0.122
3	019B3	-0.396	-0.315	-0.080
3	020B3	-0.341	-0.251	-0.090
3	021B3	-0.298	-0.193	-0.105
3	022B3	-0.369	-0.295	-0.074
3	023U3	-0.217	-0.132	-0.085
3	024U3	-0.060	0.031	-0.091
3	025U3	-0.351	-0.280	-0.071
3	026U3	-0.041	0.070	-0.112
3	027U3	-0.300	-0.218	-0.081
10	095B10	-0.230	-0.084	-0.146
10	096B10	-0.072	0.078	-0.149
10	097B10	-0.351	-0.226	-0.125
10	098B10	-0.326	-0.192	-0.134
10	100B10	-0.373	-0.277	-0.096
10	101U10	-0.199	-0.049	-0.150
10	102U10	-0.054	0.058	-0.111
10	103U10	-0.347	-0.243	-0.104
10	104U10	-0.274	-0.143	-0.130
10	105U10	-0.343	-0.214	-0.129
30	028B30	-0.280	-0.021	-0.259
30	029B30	-0.266	-0.003	-0.263
30	030B30	-0.262	0.004	-0.267
30	032B30	-0.235	0.034	-0.269
30	033B30	-0.216	0.037	-0.252
30	034U30	-0.291	-0.077	-0.214
30	036U30	-0.355	-0.113	-0.242
30	037U30	-0.244	0.014	-0.259
30	038U30	0.030	0.168	-0.139
30	040U30	-0.295	-0.053	-0.242
50	041B50	-0.245	0.049	-0.295
50	042B50	-0.217	0.087	-0.304
50	043B50	-0.338	-0.054	-0.285
50	044B50	-0.240	0.041	-0.281
50	045B50	-0.337	-0.009	-0.328
50	047U50	-0.219	0.079	-0.298
50	048U50	-0.286	0.007	-0.293
50	049U50	-0.358	-0.078	-0.281
50	050U50	-0.320	-0.046	-0.274
50	051U50	-0.356	-0.078	-0.279
100	052B100	-0.300	0.043	-0.343
100	053B100	-0.266	0.018	-0.284
100	055B100	-0.258	0.036	-0.294
100	056B100	-0.396	-0.079	-0.317
100	058B100	-0.372	-0.106	-0.266
100	059B100	-0.297	0.005	-0.303
100	060B100	-0.321	-0.042	-0.280
100	061B100	-0.307	-0.015	-0.292
100	063B100	-0.410	-0.124	-0.285
100	064B100	-0.345	-0.013	-0.332
100	065B100	-0.095	0.124	-0.219
100	066B100	-0.233	0.021	-0.254
100	067B100	-0.150	0.073	-0.223
100	068B100	-0.253	0.040	-0.293
100	069B100	-0.179	0.098	-0.277
100	070B100	-0.249	0.014	-0.262
100	071B100	-0.335	-0.024	-0.311
100	072B100	-0.237	0.053	-0.291
100	074B100	-0.254	0.032	-0.287
100	076B100	-0.460	-0.288	-0.171
100	077B100	-0.251	0.056	-0.307
100	078B100	-0.340	-0.033	-0.307
100	079U100	-0.248	0.063	-0.311
100	080U100	-0.289	0.031	-0.320
100	081U100	-0.214	0.060	-0.275
100	082U100	-0.210	0.067	-0.276
100	083U100	-0.224	0.060	-0.284
	Max	0.030	0.168	-0.060
	Average	-0.267	-0.045	-0.222
	Min	-0.460	-0.315	-0.343
	Std Dev	0.094	0.119	0.087



	1800.2_Gain_VCM_Low_VS_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	0.99	dB
Min Limit	-0.99	dB

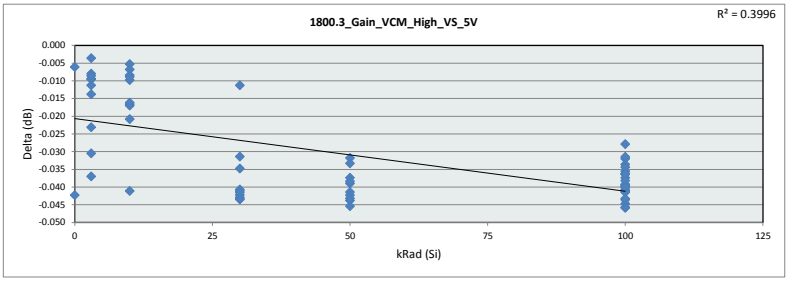
kRad (Si)	0	3	10	30	50	100
LL	-0.990	-0.990	-0.990	-0.990	-0.990	-0.990
Min	-0.293	-0.316	-0.277	-0.114	-0.078	-0.288
Average	-0.168	-0.163	-0.129	-0.001	0.000	0.006
Max	-0.043	0.070	0.078	0.168	0.087	0.124
UL	0.990	0.990	0.990	0.990	0.990	0.990



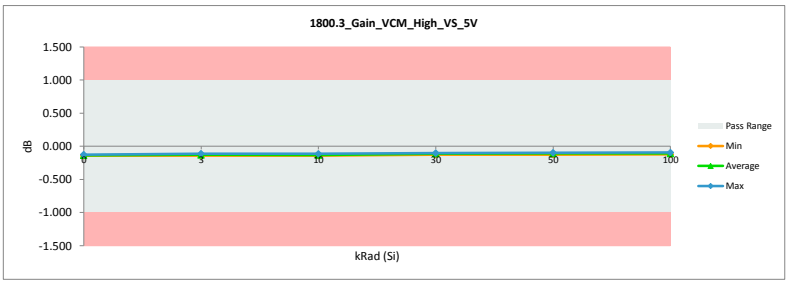
TID Report
LMH5401-SP HDR

	1800.3_Gain_VCM_High_VS_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	0.99	0.99
Min Limit	-0.99	-0.99

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-0.149	-0.143	-0.006
0	106C1	-0.168	-0.125	-0.042
3	018B3	-0.145	-0.137	-0.008
3	019B3	-0.136	-0.113	-0.023
3	020B3	-0.150	-0.141	-0.010
3	021B3	-0.154	-0.142	-0.011
3	022B3	-0.146	-0.133	-0.014
3	023U3	-0.142	-0.139	-0.004
3	024U3	-0.148	-0.118	-0.030
3	025U3	-0.139	-0.130	-0.009
3	026U3	-0.149	-0.112	-0.037
3	027U3	-0.135	-0.126	-0.009
10	095B10	-0.145	-0.128	-0.017
10	096B10	-0.149	-0.139	-0.010
10	097B10	-0.137	-0.120	-0.017
10	098B10	-0.148	-0.132	-0.016
10	100B10	-0.146	-0.125	-0.021
10	101U10	-0.137	-0.132	-0.005
10	102U10	-0.149	-0.142	-0.007
10	103U10	-0.150	-0.142	-0.008
10	104U10	-0.154	-0.113	-0.041
10	105U10	-0.148	-0.139	-0.009
30	028B30	-0.139	-0.128	-0.011
30	029B30	-0.137	-0.102	-0.035
30	030B30	-0.147	-0.106	-0.041
30	032B30	-0.144	-0.104	-0.041
30	033B30	-0.145	-0.101	-0.043
30	034U30	-0.157	-0.115	-0.042
30	036U30	-0.148	-0.104	-0.043
30	037U30	-0.150	-0.107	-0.043
30	038U30	-0.156	-0.124	-0.031
30	040U30	-0.153	-0.112	-0.042
50	041B50	-0.153	-0.109	-0.044
50	042B50	-0.157	-0.111	-0.045
50	043B50	-0.139	-0.097	-0.041
50	044B50	-0.144	-0.101	-0.042
50	045B50	-0.149	-0.106	-0.043
50	047U50	-0.156	-0.124	-0.032
50	048U50	-0.153	-0.114	-0.039
50	049U50	-0.141	-0.104	-0.037
50	050U50	-0.152	-0.119	-0.033
50	051U50	-0.143	-0.105	-0.038
100	052B100	-0.147	-0.103	-0.045
100	053B100	-0.154	-0.117	-0.036
100	055B100	-0.145	-0.100	-0.046
100	056B100	-0.134	-0.100	-0.034
100	058B100	-0.148	-0.108	-0.040
100	059B100	-0.140	-0.100	-0.041
100	060B100	-0.152	-0.111	-0.041
100	061B100	-0.134	-0.094	-0.039
100	063B100	-0.135	-0.099	-0.036
100	064B100	-0.142	-0.101	-0.041
100	065B100	-0.151	-0.111	-0.040
100	066B100	-0.159	-0.119	-0.039
100	067B100	-0.143	-0.102	-0.041
100	068B100	-0.158	-0.117	-0.041
100	069B100	-0.162	-0.122	-0.040
100	070B100	-0.155	-0.118	-0.037
100	071B100	-0.152	-0.108	-0.044
100	072B100	-0.141	-0.103	-0.038
100	074B100	-0.157	-0.113	-0.043
100	076B100	-0.134	-0.099	-0.036
100	077B100	-0.153	-0.107	-0.046
100	078B100	-0.139	-0.099	-0.040
100	079U100	-0.152	-0.120	-0.032
100	080U100	-0.146	-0.118	-0.028
100	081U100	-0.147	-0.113	-0.034
100	082U100	-0.141	-0.109	-0.031
100	083U100	-0.151	-0.115	-0.036
	Max	-0.134	-0.094	-0.004
	Average	-0.147	-0.116	-0.031
	Min	-0.168	-0.143	-0.046
	Std Dev	0.007	0.013	0.013



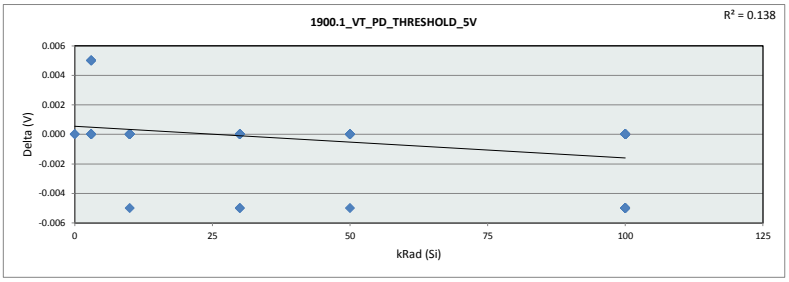
	1800.3_Gain_VCM_High_VS_5V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	0.99	dB				
Min Limit	-0.99	dB				
kRad (Si)	0	3	10	30	50	100
LL	-0.990	-0.990	-0.990	-0.990	-0.990	-0.990
Min	-0.143	-0.143	-0.142	-0.128	-0.124	-0.122
Average	-0.134	-0.129	-0.131	-0.110	-0.109	-0.108
Max	-0.125	-0.112	-0.113	-0.102	-0.097	-0.094
UL	0.990	0.990	0.990	0.990	0.990	0.990



TID Report
LMH5401-SP HDR

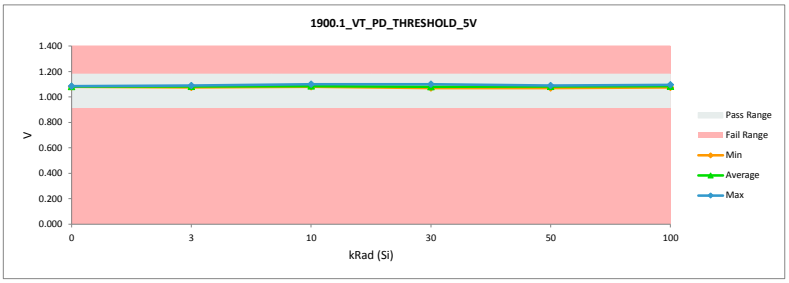
	1900.1_VT_PD_THRESHOLD_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.18	1.18
Min Limit	0.91	0.91

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	1.080	1.080	0.000
0	106C1	1.085	1.085	0.000
3	018B3	1.085	1.085	0.000
3	019B3	1.090	1.085	0.005
3	020B3	1.090	1.090	0.000
3	021B3	1.095	1.090	0.005
3	022B3	1.085	1.085	0.000
3	023U3	1.080	1.075	0.005
3	024U3	1.080	1.080	0.000
3	025U3	1.085	1.085	0.000
3	026U3	1.080	1.075	0.005
3	027U3	1.085	1.085	0.000
10	095B10	1.085	1.090	-0.005
10	096B10	1.085	1.085	0.000
10	097B10	1.080	1.080	0.000
10	098B10	1.085	1.085	0.000
10	100B10	1.100	1.100	0.000
10	101U10	1.090	1.090	0.000
10	102U10	1.085	1.085	0.000
10	103U10	1.085	1.085	0.000
10	104U10	1.080	1.080	0.000
10	105U10	1.085	1.085	0.000
30	028B30	1.080	1.085	-0.005
30	029B30	1.085	1.085	0.000
30	030B30	1.075	1.075	0.000
30	032B30	1.070	1.070	0.000
30	033B30	1.075	1.075	0.000
30	034U30	1.085	1.085	0.000
30	036U30	1.095	1.100	-0.005
30	037U30	1.095	1.095	0.000
30	038U30	1.070	1.070	0.000
30	040U30	1.070	1.070	0.000
50	041B50	1.080	1.080	0.000
50	042B50	1.080	1.080	0.000
50	043B50	1.070	1.070	0.000
50	044B50	1.080	1.080	0.000
50	045B50	1.090	1.090	0.000
50	047U50	1.085	1.085	0.000
50	048U50	1.090	1.090	0.000
50	049U50	1.080	1.080	0.000
50	050U50	1.085	1.090	-0.005
50	051U50	1.085	1.085	0.000
100	052B100	1.090	1.095	-0.005
100	053B100	1.085	1.085	0.000
100	055B100	1.075	1.075	0.000
100	056B100	1.080	1.080	0.000
100	058B100	1.080	1.080	0.000
100	059B100	1.085	1.085	0.000
100	060B100	1.085	1.090	-0.005
100	061B100	1.085	1.085	0.000
100	063B100	1.085	1.085	0.000
100	064B100	1.090	1.090	0.000
100	065B100	1.085	1.090	-0.005
100	066B100	1.085	1.090	-0.005
100	067B100	1.075	1.075	0.000
100	068B100	1.085	1.085	0.000
100	069B100	1.080	1.080	0.000
100	070B100	1.090	1.090	0.000
100	071B100	1.095	1.095	0.000
100	072B100	1.075	1.075	0.000
100	074B100	1.090	1.090	0.000
100	076B100	1.090	1.090	0.000
100	077B100	1.085	1.090	-0.005
100	078B100	1.080	1.085	-0.005
100	079U100	1.075	1.080	-0.005
100	080U100	1.075	1.075	0.000
100	081U100	1.085	1.085	0.000
100	082U100	1.090	1.090	0.000
100	083U100	1.080	1.085	-0.005
	Max	1.100	1.100	0.005
	Average	1.084	1.084	-0.001
	Min	1.070	1.070	-0.005
	Std Dev	0.006	0.007	0.002



	1900.1_VT_PD_THRESHOLD_5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.18	V
Min Limit	0.91	V

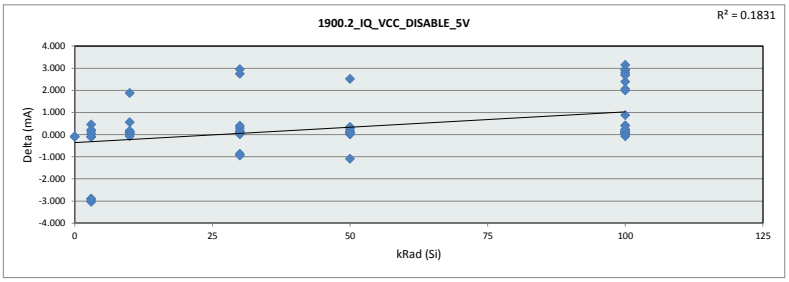
kRad (Si)	0	3	10	30	50	100
LL	0.910	0.910	0.910	0.910	0.910	0.910
Min	1.080	1.075	1.080	1.070	1.070	1.075
Average	1.083	1.084	1.087	1.081	1.083	1.085
Max	1.085	1.090	1.100	1.100	1.090	1.095
UL	1.180	1.180	1.180	1.180	1.180	1.180



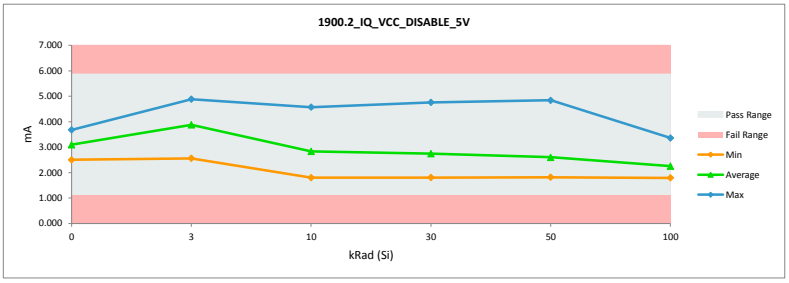
TID Report
LMH5401-SP HDR

	1900.2_IQ_VCC_DISABLE_5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	5.875	5.875
Min Limit	1.125	1.125

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	2.414	2.502	-0.088
0	106C1	3.577	3.680	-0.103
3	018B3	3.534	3.496	0.038
3	019B3	1.850	4.887	-3.038
3	020B3	3.842	3.681	0.160
3	021B3	1.926	4.837	-2.911
3	022B3	3.389	3.176	0.213
3	023U3	1.860	4.868	-3.008
3	024U3	2.580	2.690	-0.110
3	025U3	4.215	3.760	0.455
3	026U3	1.902	4.796	-2.895
3	027U3	2.465	2.561	-0.096
10	095B10	3.676	1.799	1.877
10	096B10	2.724	2.691	0.033
10	097B10	1.870	1.862	0.009
10	098B10	3.118	2.951	0.167
10	100B10	2.133	2.049	0.084
10	101U10	2.543	2.436	0.106
10	102U10	4.303	3.745	0.557
10	103U10	4.641	4.572	0.069
10	104U10	4.000	3.885	0.115
10	105U10	2.292	2.364	-0.072
30	028B30	4.759	1.805	2.954
30	029B30	2.086	2.074	0.012
30	030B30	2.767	2.615	0.152
30	032B30	3.271	2.987	0.285
30	033B30	3.891	4.762	-0.871
30	034U30	3.679	4.624	-0.946
30	036U30	4.569	1.826	2.743
30	037U30	2.190	2.049	0.142
30	038U30	2.108	1.985	0.122
30	040U30	3.099	2.700	0.399
50	041B50	1.995	1.890	0.105
50	042B50	1.867	1.856	0.011
50	043B50	3.749	4.840	-1.091
50	044B50	3.400	3.055	0.345
50	045B50	2.098	1.946	0.152
50	047U50	2.885	2.794	0.091
50	048U50	3.172	2.917	0.256
50	049U50	2.533	2.450	0.083
50	050U50	4.333	1.817	2.516
50	051U50	2.522	2.438	0.084
100	052B100	4.976	1.827	3.149
100	053B100	2.599	2.531	0.067
100	055B100	2.042	2.115	-0.074
100	056B100	3.579	3.360	0.219
100	058B100	1.876	1.856	0.020
100	059B100	2.097	2.025	0.072
100	060B100	4.751	1.820	2.932
100	061B100	1.854	1.820	0.034
100	063B100	2.542	2.139	0.403
100	064B100	4.914	2.526	2.388
100	065B100	4.593	1.792	2.801
100	066B100	4.713	1.812	2.901
100	067B100	3.157	3.014	0.143
100	068B100	3.909	3.035	0.874
100	069B100	2.423	2.312	0.111
100	070B100	3.095	3.026	0.069
100	071B100	2.810	2.735	0.075
100	072B100	2.238	2.078	0.160
100	074B100	2.550	2.430	0.120
100	076B100	2.099	2.063	0.036
100	077B100	4.516	1.812	2.704
100	078B100	4.491	1.800	2.691
100	079U100	3.788	1.795	1.993
100	080U100	2.105	1.997	0.109
100	081U100	2.615	2.209	0.406
100	082U100	3.351	3.128	0.224
100	083U100	3.851	1.796	2.056
	Max	4.976	4.887	3.149
	Average	3.092	2.718	0.374
	Min	1.850	1.792	-3.038
	Std Dev	0.963	0.946	1.329



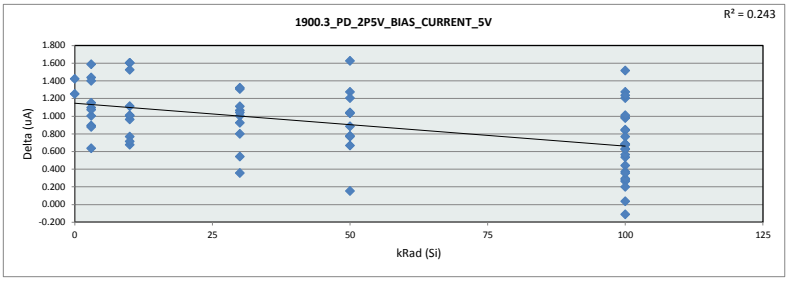
	1900.2_IQ_VCC_DISABLE_5V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	5.875	mA				
Min Limit	1.125	mA				
kRad (Si)	0	3	10	30	50	100
LL	1.125	1.125	1.125	1.125	1.125	1.125
Min	2.502	2.561	1.799	1.805	1.817	1.792
Average	3.091	3.875	2.835	2.743	2.600	2.254
Max	3.680	4.888	4.572	4.762	4.840	3.360
UL	5.875	5.875	5.875	5.875	5.875	5.875



TID Report
LMH5401-SP HDR

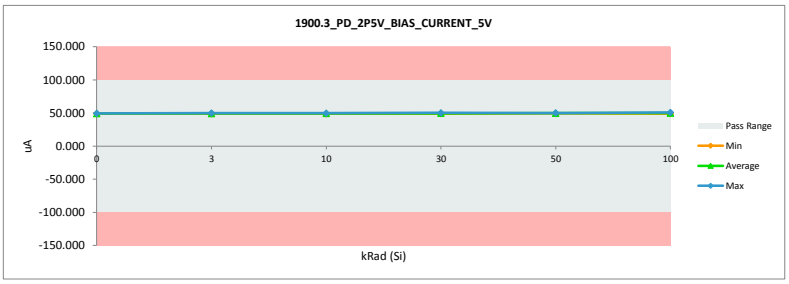
	1900.3_PD_2P5V_BIAS_CURREN	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	99	99
Min Limit	-99	-99

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	50.708	49.285	1.423
0	106C1	50.171	48.919	1.252
3	018B3	50.039	48.942	1.097
3	019B3	50.685	49.246	1.439
3	020B3	50.389	49.496	0.893
3	021B3	50.319	49.683	0.636
3	022B3	50.716	49.129	1.587
3	023U3	49.976	48.973	1.003
3	024U3	50.109	49.231	0.878
3	025U3	50.436	49.363	1.073
3	026U3	49.805	48.654	1.151
3	027U3	50.132	48.732	1.400
10	095B10	49.984	48.872	1.112
10	096B10	49.906	49.137	0.769
10	097B10	50.529	48.926	1.603
10	098B10	50.599	49.597	1.002
10	100B10	50.257	48.654	1.603
10	101U10	49.758	49.082	0.676
10	102U10	50.023	49.059	0.964
10	103U10	51.020	49.496	1.524
10	104U10	50.428	49.418	1.010
10	105U10	50.280	49.566	0.714
30	028B30	50.077	48.771	1.307
30	029B30	50.046	49.121	0.925
30	030B30	50.218	49.862	0.356
30	032B30	50.093	49.090	1.003
30	033B30	50.015	48.950	1.065
30	034U30	50.568	50.026	0.542
30	036U30	50.685	49.885	0.799
30	037U30	50.677	49.636	1.041
30	038U30	50.327	49.005	1.322
30	040U30	51.082	49.971	1.111
50	041B50	50.451	49.566	0.886
50	042B50	50.482	49.706	0.776
50	043B50	50.116	49.963	0.153
50	044B50	49.774	49.106	0.668
50	045B50	50.685	49.917	0.768
50	047U50	50.895	49.620	1.275
50	048U50	50.576	49.542	1.034
50	049U50	50.701	49.075	1.626
50	050U50	50.420	49.379	1.041
50	051U50	50.887	49.683	1.205
100	052B100	50.693	49.846	0.846
100	053B100	50.630	49.948	0.683
100	055B100	50.303	50.026	0.278
100	056B100	50.155	49.893	0.262
100	058B100	50.887	50.688	0.199
100	059B100	50.568	49.940	0.628
100	060B100	50.654	50.213	0.441
100	061B100	50.179	49.340	0.839
100	063B100	50.187	50.150	0.036
100	064B100	50.607	50.314	0.293
100	065B100	49.891	49.121	0.769
100	066B100	50.615	50.727	-0.112
100	067B100	50.225	49.854	0.371
100	068B100	50.701	50.345	0.355
100	069B100	50.872	50.197	0.675
100	070B100	50.654	49.667	0.987
100	071B100	51.183	50.205	0.978
100	072B100	50.311	49.776	0.535
100	074B100	50.669	49.987	0.683
100	076B100	50.599	50.034	0.566
100	077B100	50.576	49.948	0.628
100	078B100	50.459	49.776	0.683
100	079U100	50.903	49.628	1.275
100	080U100	50.646	49.636	1.010
100	081U100	50.405	49.199	1.205
100	082U100	50.171	48.934	1.237
100	083U100	50.591	49.075	1.517
	Max	51.183	50.727	1.626
	Average	50.426	49.533	0.892
	Min	49.758	48.654	-0.112
	Std Dev	0.331	0.492	0.403



	1900.3_PD_2P5V_BIAS_CURRE	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	99	uA
Min Limit	-99	uA

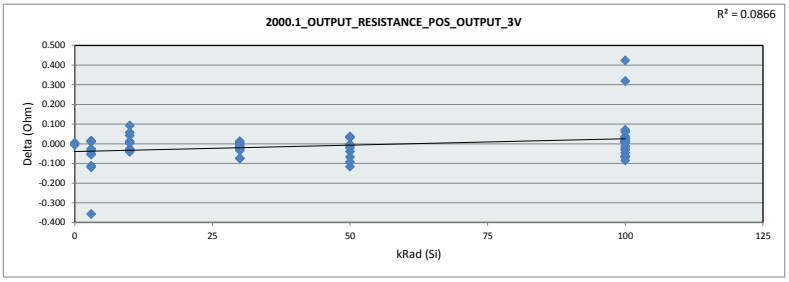
kRad (Si)	0	3	10	30	50	100
LL	-99.000	-99.000	-99.000	-99.000	-99.000	-99.000
Min	48.919	48.654	48.654	48.771	49.075	48.934
Average	49.102	49.145	49.181	49.432	49.556	49.869
Max	49.285	49.683	49.597	50.026	49.963	50.727
UL	99.000	99.000	99.000	99.000	99.000	99.000



TID Report
LMH5401-SP HDR

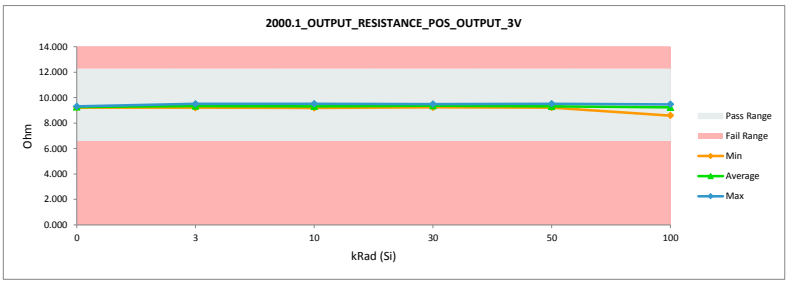
	2000.1_OUTPUT_RESISTANCE_P	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	Ohm	Ohm
Max Limit	12.25	12.25
Min Limit	6.6	6.6

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	9.232	9.227	0.005
0	106C1	9.311	9.316	-0.006
3	018B3	9.442	9.429	0.013
3	019B3	8.855	9.212	-0.357
3	020B3	9.213	9.248	-0.034
3	021B3	9.290	9.275	0.015
3	022B3	9.217	9.207	0.010
3	023U3	9.437	9.463	-0.026
3	024U3	9.452	9.503	-0.050
3	025U3	9.208	9.320	-0.112
3	026U3	9.456	9.512	-0.055
3	027U3	9.244	9.363	-0.119
10	095B10	9.464	9.371	0.092
10	096B10	9.442	9.400	0.042
10	097B10	9.177	9.215	-0.038
10	098B10	9.351	9.294	0.057
10	100B10	9.200	9.188	0.012
10	101U10	9.469	9.459	0.010
10	102U10	9.477	9.518	-0.041
10	103U10	9.234	9.262	-0.027
10	104U10	9.256	9.282	-0.026
10	105U10	9.298	9.295	0.003
30	028B30	9.355	9.429	-0.075
30	029B30	9.410	9.484	-0.074
30	030B30	9.355	9.351	0.004
30	032B30	9.374	9.386	-0.012
30	033B30	9.458	9.446	0.013
30	034U30	9.221	9.244	-0.023
30	036U30	9.246	9.267	-0.020
30	037U30	9.312	9.337	-0.025
30	038U30	9.464	9.499	-0.035
30	040U30	9.348	9.350	-0.002
50	041B50	9.396	9.359	0.037
50	042B50	9.297	9.266	0.031
50	043B50	9.223	9.226	-0.003
50	044B50	9.397	9.513	-0.116
50	045B50	9.264	9.231	0.033
50	047U50	9.265	9.304	-0.039
50	048U50	9.274	9.285	-0.011
50	049U50	9.220	9.287	-0.068
50	050U50	9.205	9.226	-0.022
50	051U50	9.285	9.377	-0.093
100	052B100	9.274	9.238	0.036
100	053B100	9.217	9.204	0.013
100	055B100	9.277	9.339	-0.062
100	056B100	9.028	8.709	0.319
100	058B100	9.165	9.142	0.023
100	059B100	9.284	9.353	-0.068
100	060B100	9.227	9.193	0.033
100	061B100	9.268	9.300	-0.032
100	063B100	9.103	8.679	0.424
100	064B100	9.345	9.274	0.070
100	065B100	9.443	9.439	0.003
100	066B100	9.252	9.241	0.011
100	067B100	9.520	9.459	0.060
100	068B100	9.281	9.269	0.012
100	069B100	9.277	9.270	0.007
100	070B100	9.267	9.255	0.011
100	071B100	9.242	9.209	0.033
100	072B100	9.362	9.331	0.032
100	074B100	9.301	9.284	0.017
100	076B100	8.555	8.600	-0.045
100	077B100	9.297	9.285	0.012
100	078B100	9.232	9.298	-0.066
100	079U100	9.428	9.451	-0.024
100	080U100	9.263	9.348	-0.085
100	081U100	9.399	9.411	-0.012
100	082U100	9.446	9.436	0.009
100	083U100	9.489	9.482	0.007
	Max	9.520	9.518	0.424
	Average	9.295	9.300	-0.006
	Min	8.555	8.600	-0.357
	Std Dev	0.146	0.167	0.089



	2000.1_OUTPUT_RESISTANCE	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	12.25	Ohm
Min Limit	6.6	Ohm

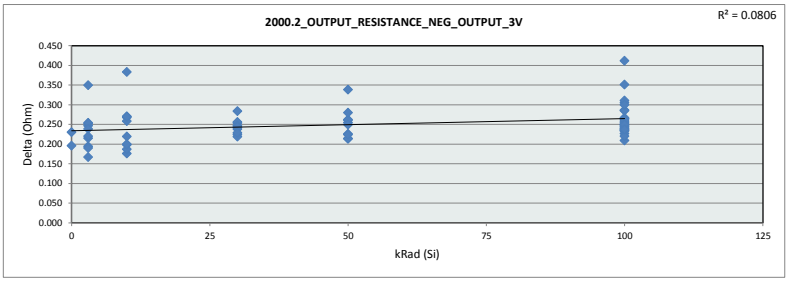
kRad (Si)	0	3	10	30	50	100
LL	6.600	6.600	6.600	6.600	6.600	6.600
Min	9.227	9.207	9.188	9.244	9.226	8.600
Average	9.272	9.353	9.329	9.379	9.307	9.241
Max	9.317	9.512	9.518	9.499	9.513	9.482
UL	12.250	12.250	12.250	12.250	12.250	12.250



TID Report
LMH5401-SP HDR

	2000.2_OUTPUT_RESISTANCE_N	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	Ohm	Ohm
Max Limit	12.25	12.25
Min Limit	6.6	6.6

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	9.557	9.327	0.230
0	106C1	9.554	9.358	0.196
3	018B3	9.673	9.426	0.247
3	019B3	9.709	9.359	0.350
3	020B3	9.516	9.264	0.252
3	021B3	9.570	9.316	0.254
3	022B3	9.546	9.307	0.239
3	023U3	9.686	9.519	0.167
3	024U3	9.702	9.508	0.194
3	025U3	9.725	9.510	0.215
3	026U3	9.702	9.512	0.190
3	027U3	9.731	9.511	0.220
10	095B10	9.729	9.462	0.268
10	096B10	9.700	9.442	0.258
10	097B10	9.714	9.331	0.383
10	098B10	9.700	9.430	0.270
10	100B10	9.517	9.247	0.270
10	101U10	9.701	9.525	0.176
10	102U10	9.701	9.514	0.187
10	103U10	9.515	9.316	0.198
10	104U10	9.527	9.327	0.200
10	105U10	9.748	9.528	0.219
30	028B30	9.706	9.422	0.284
30	029B30	9.684	9.431	0.253
30	030B30	9.712	9.456	0.256
30	032B30	9.766	9.519	0.247
30	033B30	9.697	9.455	0.242
30	034U30	9.509	9.271	0.238
30	036U30	9.542	9.299	0.244
30	037U30	9.589	9.365	0.225
30	038U30	9.688	9.469	0.219
30	040U30	9.662	9.433	0.229
50	041B50	9.696	9.435	0.261
50	042B50	9.565	9.311	0.254
50	043B50	9.731	9.393	0.338
50	044B50	9.675	9.462	0.214
50	045B50	9.561	9.299	0.262
50	047U50	9.523	9.308	0.214
50	048U50	9.539	9.313	0.226
50	049U50	9.732	9.483	0.249
50	050U50	9.509	9.285	0.224
50	051U50	9.620	9.340	0.280
100	052B100	9.557	9.292	0.264
100	053B100	9.509	9.255	0.254
100	055B100	9.686	9.419	0.267
100	056B100	9.739	9.327	0.412
100	058B100	9.619	9.335	0.285
100	059B100	9.690	9.385	0.305
100	060B100	9.545	9.288	0.257
100	061B100	9.710	9.399	0.310
100	063B100	9.763	9.412	0.351
100	064B100	9.657	9.371	0.286
100	065B100	9.705	9.459	0.246
100	066B100	9.523	9.286	0.236
100	067B100	9.650	9.424	0.227
100	068B100	9.562	9.312	0.250
100	069B100	9.527	9.294	0.233
100	070B100	9.521	9.287	0.234
100	071B100	9.525	9.281	0.244
100	072B100	9.745	9.480	0.265
100	074B100	9.565	9.324	0.241
100	076B100	9.632	9.332	0.300
100	077B100	9.569	9.329	0.240
100	078B100	9.726	9.465	0.261
100	079U100	9.648	9.399	0.249
100	080U100	9.747	9.497	0.250
100	081U100	9.651	9.442	0.209
100	082U100	9.689	9.469	0.220
100	083U100	9.628	9.391	0.237
	Max	9.766	9.528	0.412
	Average	9.638	9.388	0.250
	Min	9.509	9.247	0.167
	Std Dev	0.083	0.083	0.044

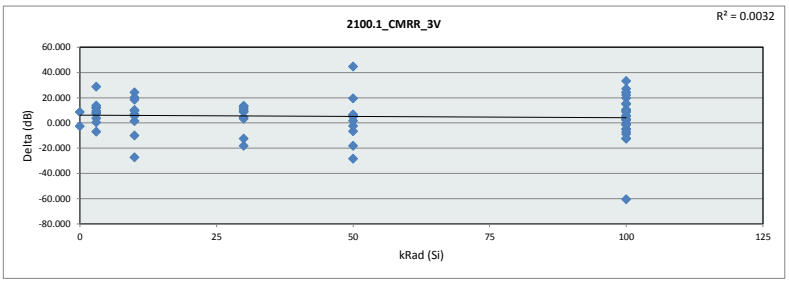


	2000.2_OUTPUT_RESISTANCE_					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	12.25	Ohm				
Min Limit	6.6	Ohm				
kRad (Si)	0	3	10	30	50	100
LL	6.600	6.600	6.600	6.600	6.600	6.600
Min	9.327	9.264	9.247	9.271	9.285	9.256
Average	9.342	9.423	9.412	9.412	9.363	9.369
Max	9.358	9.519	9.528	9.519	9.483	9.497
UL	12.250	12.250	12.250	12.250	12.250	12.250

TID Report
LMH5401-SP HDR

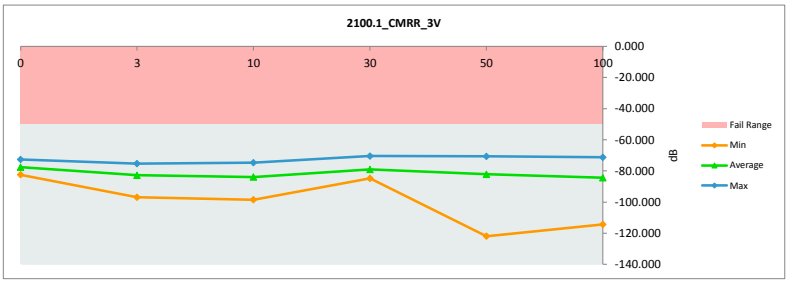
	2100.1_CMRR_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-50	-50
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-73.780	-82.393	8.614
0	106C1	-75.153	-72.604	-2.549
3	018B3	-68.157	-96.883	28.726
3	019B3	-73.324	-80.735	7.412
3	020B3	-82.274	-75.282	-6.992
3	021B3	-77.287	-81.032	3.744
3	022B3	-68.798	-80.599	11.800
3	023U3	-69.192	-77.128	7.935
3	024U3	-78.329	-90.471	12.142
3	025U3	-80.684	-81.119	0.434
3	026U3	-70.464	-79.933	9.469
3	027U3	-70.735	-84.449	13.714
10	095B10	-84.767	-74.718	-10.049
10	096B10	-74.268	-98.445	24.177
10	097B10	-69.861	-79.608	9.747
10	098B10	-102.285	-74.996	-27.289
10	100B10	-71.603	-78.550	6.948
10	101U10	-76.021	-86.255	10.233
10	102U10	-81.912	-83.329	1.417
10	103U10	-74.987	-95.195	20.208
10	104U10	-70.035	-88.419	18.384
10	105U10	-73.664	-79.058	5.394
30	028B30	-70.869	-79.656	8.787
30	029B30	-66.838	-78.466	11.629
30	030B30	-74.630	-79.107	4.478
30	032B30	-72.544	-81.503	8.959
30	033B30	-68.084	-81.530	13.446
30	034U30	-74.252	-84.738	10.486
30	036U30	-88.539	-70.425	-18.114
30	037U30	-86.905	-74.504	-12.401
30	038U30	-68.603	-81.683	13.080
30	040U30	-75.441	-78.710	3.268
50	041B50	-72.223	-77.043	4.820
50	042B50	-80.201	-73.609	-6.591
50	043B50	-71.220	-76.757	5.537
50	044B50	-67.853	-87.313	19.461
50	045B50	-99.059	-70.643	-28.416
50	047U50	-77.173	-121.863	44.690
50	048U50	-90.461	-72.323	-18.138
50	049U50	-82.859	-80.405	-2.454
50	050U50	-75.866	-82.553	6.687
50	051U50	-77.381	-79.072	1.692
100	052B100	-78.541	-73.731	-4.810
100	053B100	-72.314	-78.150	5.836
100	055B100	-67.554	-87.273	19.719
100	056B100	-72.141	-94.117	21.976
100	058B100	-70.042	-97.055	27.013
100	059B100	-72.602	-82.732	10.130
100	060B100	-83.881	-75.062	-8.820
100	061B100	-69.189	-84.191	15.001
100	063B100	-81.570	-80.136	-1.435
100	064B100	-86.974	-74.393	-12.581
100	065B100	-78.241	-111.473	33.232
100	066B100	-80.052	-88.624	8.572
100	067B100	-73.784	-73.042	-0.742
100	068B100	-84.016	-78.887	-5.129
100	069B100	-89.635	-92.553	2.917
100	070B100	-90.313	-114.342	24.029
100	071B100	-87.790	-75.640	-12.150
100	072B100	-70.916	-86.197	15.280
100	074B100	-137.285	-76.743	-60.542
100	076B100	-65.827	-71.201	5.374
100	077B100	-77.240	-79.322	2.082
100	078B100	-75.002	-85.665	10.663
100	079U100	-75.324	-78.220	2.895
100	080U100	-71.710	-95.961	24.252
100	081U100	-85.616	-78.478	-7.138
100	082U100	-73.551	-82.934	9.383
100	083U100	-82.688	-81.228	-1.461
	Max	-65.827	-70.425	44.690
	Average	-77.716	-82.760	5.045
	Min	-137.285	-121.863	-60.542
	Std Dev	10.515	9.758	15.448



	2100.1_CMRR_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	-50	dB
Min Limit		dB

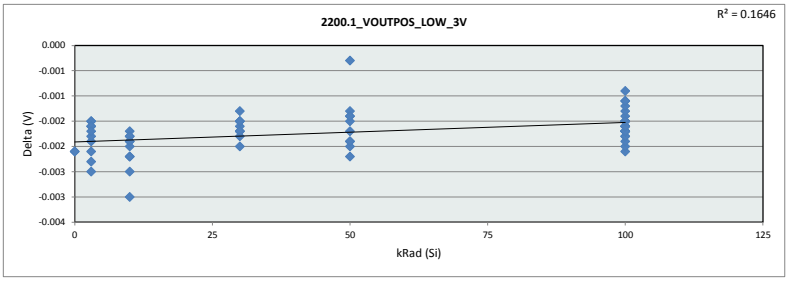
kRad (Si)	0	3	10	30	50	100
LL						
Min	-82.393	-96.883	-98.445	-84.738	-121.863	-114.342
Average	-77.499	-82.763	-83.857	-79.032	-82.158	-84.346
Max	-72.604	-75.282	-74.718	-70.425	-70.643	-71.202
UL	-50.000	-50.000	-50.000	-50.000	-50.000	-50.000



TID Report
LMH5401-SP HDR

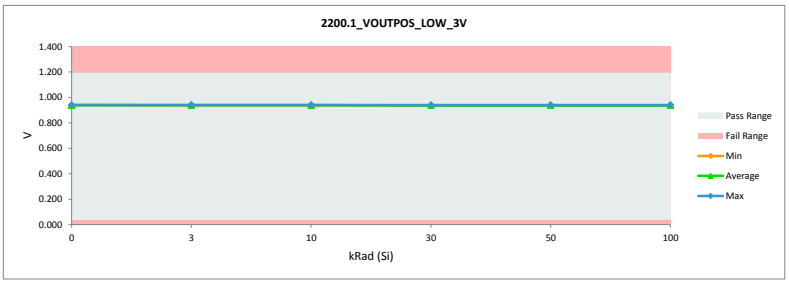
	2200.1_VOUTPOS_LOW_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	0.937	0.939	-0.002
0	106C1	0.937	0.939	-0.002
3	018B3	0.939	0.941	-0.002
3	019B3	0.939	0.941	-0.002
3	020B3	0.938	0.940	-0.002
3	021B3	0.937	0.939	-0.002
3	022B3	0.937	0.938	-0.002
3	023U3	0.938	0.939	-0.002
3	024U3	0.938	0.939	-0.002
3	025U3	0.938	0.940	-0.002
3	026U3	0.937	0.939	-0.002
3	027U3	0.937	0.939	-0.002
10	095B10	0.938	0.941	-0.003
10	096B10	0.938	0.940	-0.002
10	097B10	0.938	0.941	-0.002
10	098B10	0.937	0.939	-0.002
10	100B10	0.937	0.939	-0.002
10	101U10	0.938	0.940	-0.002
10	102U10	0.938	0.939	-0.002
10	103U10	0.937	0.938	-0.002
10	104U10	0.937	0.939	-0.002
10	105U10	0.937	0.939	-0.002
30	028B30	0.938	0.940	-0.002
30	029B30	0.938	0.940	-0.002
30	030B30	0.938	0.940	-0.002
30	032B30	0.937	0.939	-0.002
30	033B30	0.937	0.939	-0.002
30	034U30	0.937	0.938	-0.002
30	036U30	0.938	0.939	-0.002
30	037U30	0.938	0.939	-0.002
30	038U30	0.937	0.938	-0.002
30	040U30	0.937	0.938	-0.001
50	041B50	0.937	0.939	-0.002
50	042B50	0.937	0.939	-0.002
50	043B50	0.938	0.940	-0.002
50	044B50	0.937	0.938	0.000
50	045B50	0.937	0.939	-0.002
50	047U50	0.937	0.939	-0.001
50	048U50	0.937	0.939	-0.002
50	049U50	0.937	0.939	-0.001
50	050U50	0.937	0.939	-0.001
50	051U50	0.937	0.939	-0.002
100	052B100	0.938	0.940	-0.002
100	053B100	0.937	0.939	-0.002
100	055B100	0.938	0.939	-0.002
100	056B100	0.938	0.940	-0.002
100	058B100	0.937	0.939	-0.002
100	059B100	0.937	0.939	-0.002
100	060B100	0.937	0.939	-0.002
100	061B100	0.938	0.939	-0.002
100	063B100	0.938	0.939	-0.002
100	064B100	0.937	0.938	-0.002
100	065B100	0.938	0.939	-0.002
100	066B100	0.937	0.939	-0.002
100	067B100	0.938	0.940	-0.002
100	068B100	0.937	0.938	-0.002
100	069B100	0.937	0.939	-0.002
100	070B100	0.937	0.939	-0.002
100	071B100	0.938	0.939	-0.002
100	072B100	0.937	0.939	-0.002
100	074B100	0.937	0.938	-0.002
100	076B100	0.937	0.938	-0.002
100	077B100	0.937	0.939	-0.001
100	078B100	0.938	0.939	-0.001
100	079U100	0.937	0.939	-0.001
100	080U100	0.938	0.939	-0.001
100	081U100	0.937	0.938	-0.001
100	082U100	0.937	0.938	-0.001
100	083U100	0.938	0.939	-0.001
	Max	0.939	0.941	0.000
	Average	0.937	0.939	-0.002
	Min	0.937	0.938	-0.003
	Std Dev	0.000	0.001	0.000



	2200.1_VOUTPOS_LOW_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.19	V
Min Limit	0.033	V

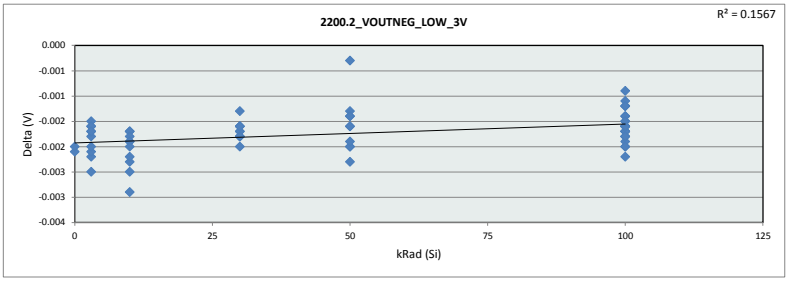
kRad (Si)	0	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033	0.033
Min	0.939	0.939	0.938	0.938	0.938	0.938
Average	0.939	0.940	0.939	0.939	0.939	0.939
Max	0.939	0.941	0.941	0.940	0.940	0.940
UL	1.190	1.190	1.190	1.190	1.190	1.190



TID Report
LMH5401-SP HDR

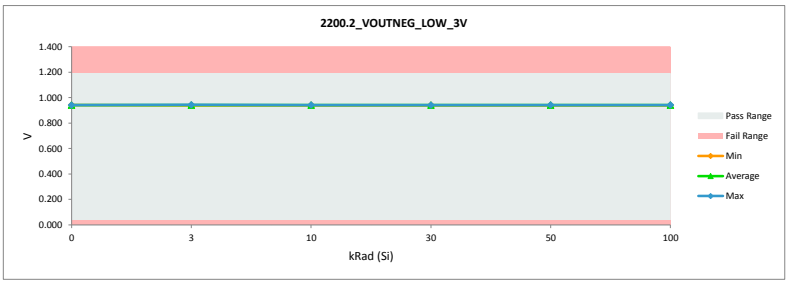
	2200.2_VOUTNEG_LOW_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	0.938	0.940	-0.002
0	106C1	0.939	0.941	-0.002
3	018B3	0.941	0.943	-0.002
3	019B3	0.940	0.943	-0.002
3	020B3	0.939	0.941	-0.002
3	021B3	0.939	0.941	-0.002
3	022B3	0.938	0.940	-0.002
3	023U3	0.939	0.941	-0.002
3	024U3	0.940	0.941	-0.002
3	025U3	0.940	0.942	-0.002
3	026U3	0.939	0.941	-0.002
3	027U3	0.939	0.941	-0.002
10	095B10	0.940	0.942	-0.003
10	096B10	0.940	0.942	-0.002
10	097B10	0.940	0.942	-0.002
10	098B10	0.939	0.941	-0.002
10	100B10	0.938	0.940	-0.002
10	101U10	0.940	0.942	-0.002
10	102U10	0.939	0.941	-0.002
10	103U10	0.938	0.940	-0.002
10	104U10	0.938	0.940	-0.002
10	105U10	0.939	0.941	-0.002
30	028B30	0.939	0.941	-0.002
30	029B30	0.940	0.941	-0.002
30	030B30	0.940	0.942	-0.002
30	032B30	0.939	0.941	-0.002
30	033B30	0.939	0.941	-0.002
30	034U30	0.938	0.939	-0.002
30	036U30	0.939	0.941	-0.002
30	037U30	0.939	0.941	-0.002
30	038U30	0.939	0.940	-0.002
30	040U30	0.940	0.941	-0.001
50	041B50	0.939	0.942	-0.002
50	042B50	0.939	0.941	-0.002
50	043B50	0.939	0.942	-0.002
50	044B50	0.939	0.939	0.000
50	045B50	0.939	0.941	-0.002
50	047U50	0.938	0.939	-0.001
50	048U50	0.939	0.940	-0.002
50	049U50	0.939	0.941	-0.001
50	050U50	0.938	0.939	-0.001
50	051U50	0.939	0.941	-0.002
100	052B100	0.939	0.941	-0.002
100	053B100	0.937	0.939	-0.002
100	055B100	0.939	0.941	-0.002
100	056B100	0.940	0.942	-0.002
100	058B100	0.939	0.940	-0.002
100	059B100	0.939	0.941	-0.002
100	060B100	0.938	0.940	-0.002
100	061B100	0.939	0.941	-0.002
100	063B100	0.939	0.941	-0.002
100	064B100	0.939	0.941	-0.002
100	065B100	0.939	0.941	-0.002
100	066B100	0.938	0.940	-0.002
100	067B100	0.940	0.941	-0.002
100	068B100	0.938	0.940	-0.002
100	069B100	0.938	0.940	-0.002
100	070B100	0.938	0.940	-0.002
100	071B100	0.939	0.941	-0.002
100	072B100	0.939	0.941	-0.002
100	074B100	0.938	0.940	-0.002
100	076B100	0.939	0.941	-0.001
100	077B100	0.939	0.941	-0.001
100	078B100	0.940	0.941	-0.002
100	079U100	0.939	0.941	-0.001
100	080U100	0.939	0.940	-0.001
100	081U100	0.939	0.940	-0.001
100	082U100	0.940	0.941	-0.001
100	083U100	0.940	0.941	-0.001
	Max	0.941	0.943	0.000
	Average	0.939	0.941	-0.002
	Min	0.937	0.939	-0.003
	Std Dev	0.001	0.001	0.000



	2200.2_VOUTNEG_LOW_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.19	V
Min Limit	0.033	V

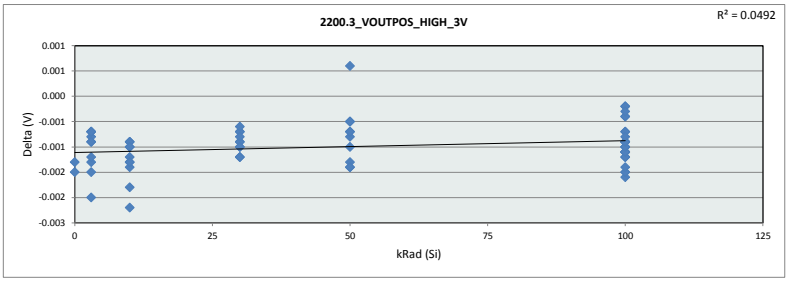
kRad (Si)	0	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033	0.033
Min	0.940	0.940	0.940	0.939	0.939	0.939
Average	0.941	0.941	0.941	0.941	0.941	0.941
Max	0.941	0.943	0.943	0.942	0.942	0.942
UL	1.190	1.190	1.190	1.190	1.190	1.190



TID Report
LMH5401-SP HDR

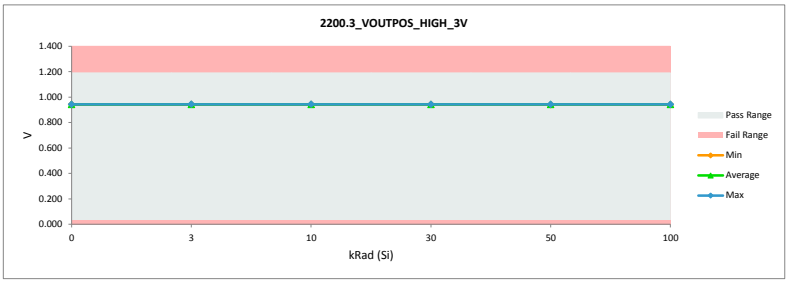
	2200.3_VOUTPOS_HIGH_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	0.940	0.941	-0.001
0	106C1	0.940	0.942	-0.002
3	018B3	0.940	0.942	-0.002
3	019B3	0.942	0.943	-0.002
3	020B3	0.941	0.942	-0.001
3	021B3	0.941	0.942	-0.001
3	022B3	0.940	0.941	-0.001
3	023U3	0.940	0.941	-0.001
3	024U3	0.940	0.941	-0.001
3	025U3	0.941	0.942	-0.001
3	026U3	0.940	0.941	-0.001
3	027U3	0.940	0.941	-0.001
10	095B10	0.941	0.943	-0.002
10	096B10	0.940	0.942	-0.002
10	097B10	0.940	0.942	-0.001
10	098B10	0.940	0.942	-0.001
10	100B10	0.941	0.942	-0.001
10	101U10	0.940	0.941	-0.001
10	102U10	0.940	0.941	-0.001
10	103U10	0.940	0.941	-0.001
10	104U10	0.941	0.942	-0.001
10	105U10	0.940	0.941	-0.001
30	028B30	0.940	0.942	-0.001
30	029B30	0.939	0.941	-0.001
30	030B30	0.940	0.941	-0.001
30	032B30	0.940	0.941	-0.001
30	033B30	0.939	0.940	-0.001
30	034U30	0.940	0.941	-0.001
30	036U30	0.941	0.941	-0.001
30	037U30	0.940	0.941	-0.001
30	038U30	0.941	0.941	-0.001
30	040U30	0.941	0.941	-0.001
50	041B50	0.940	0.941	-0.001
50	042B50	0.940	0.941	-0.001
50	043B50	0.941	0.942	-0.001
50	044B50	0.940	0.939	0.001
50	045B50	0.940	0.941	-0.001
50	047U50	0.941	0.942	-0.001
50	048U50	0.940	0.941	-0.001
50	049U50	0.940	0.941	0.000
50	050U50	0.941	0.942	-0.001
50	051U50	0.940	0.941	-0.001
100	052B100	0.941	0.942	-0.002
100	053B100	0.940	0.942	-0.002
100	055B100	0.940	0.941	-0.002
100	056B100	0.941	0.942	-0.001
100	058B100	0.939	0.941	-0.001
100	059B100	0.940	0.941	-0.001
100	060B100	0.940	0.941	-0.001
100	061B100	0.940	0.941	-0.001
100	063B100	0.941	0.942	-0.001
100	064B100	0.941	0.941	-0.001
100	065B100	0.940	0.941	-0.001
100	066B100	0.941	0.942	-0.001
100	067B100	0.940	0.941	-0.001
100	068B100	0.940	0.941	-0.001
100	069B100	0.940	0.942	-0.001
100	070B100	0.941	0.942	-0.001
100	071B100	0.940	0.941	-0.001
100	072B100	0.940	0.941	-0.001
100	074B100	0.940	0.941	-0.001
100	076B100	0.940	0.941	-0.001
100	077B100	0.941	0.941	-0.001
100	078B100	0.941	0.942	-0.001
100	079U100	0.940	0.940	0.000
100	080U100	0.939	0.940	0.000
100	081U100	0.940	0.940	0.000
100	082U100	0.940	0.940	0.000
100	083U100	0.941	0.941	0.000
	Max	0.942	0.943	0.001
	Average	0.940	0.941	-0.001
	Min	0.939	0.939	-0.002
	Std Dev	0.000	0.001	0.000



	2200.3_VOUTPOS_HIGH_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.19	V
Min Limit	0.033	V

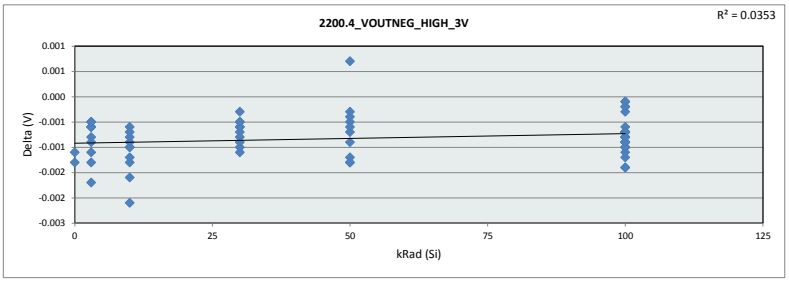
kRad (Si)	0	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033	0.033
Min	0.941	0.941	0.941	0.940	0.939	0.940
Average	0.941	0.941	0.942	0.941	0.941	0.941
Max	0.942	0.943	0.943	0.942	0.942	0.942
UL	1.190	1.190	1.190	1.190	1.190	1.190



TID Report
LMH5401-SP HDR

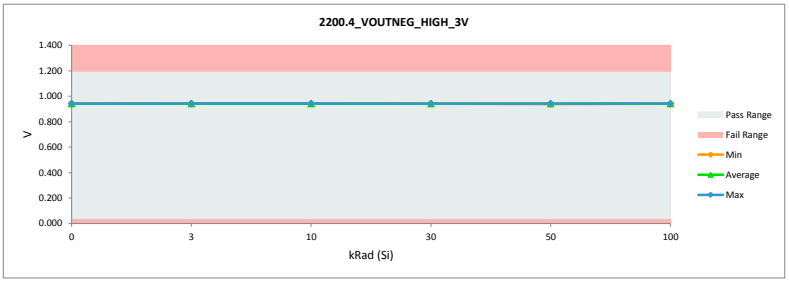
	2200.4_VOUTNEG_HIGH_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	0.941	0.942	-0.001
0	106C1	0.942	0.943	-0.001
3	018B3	0.941	0.943	-0.002
3	019B3	0.942	0.943	-0.001
3	020B3	0.942	0.943	-0.001
3	021B3	0.941	0.942	-0.001
3	022B3	0.942	0.942	-0.001
3	023U3	0.941	0.941	-0.001
3	024U3	0.942	0.942	0.000
3	025U3	0.942	0.943	-0.001
3	026U3	0.941	0.942	-0.001
3	027U3	0.941	0.941	0.000
10	095B10	0.941	0.943	-0.002
10	096B10	0.941	0.943	-0.002
10	097B10	0.941	0.942	-0.001
10	098B10	0.941	0.942	-0.001
10	100B10	0.942	0.943	-0.001
10	101U10	0.941	0.942	-0.001
10	102U10	0.941	0.942	-0.001
10	103U10	0.942	0.942	-0.001
10	104U10	0.942	0.942	-0.001
10	105U10	0.941	0.942	-0.001
30	028B30	0.941	0.942	-0.001
30	029B30	0.941	0.942	-0.001
30	030B30	0.941	0.942	-0.001
30	032B30	0.941	0.942	-0.001
30	033B30	0.940	0.941	-0.001
30	034U30	0.941	0.942	-0.001
30	036U30	0.942	0.942	-0.001
30	037U30	0.941	0.942	-0.001
30	038U30	0.941	0.942	-0.001
30	040U30	0.942	0.942	0.000
50	041B50	0.941	0.943	-0.001
50	042B50	0.941	0.942	-0.001
50	043B50	0.942	0.943	-0.001
50	044B50	0.940	0.939	0.001
50	045B50	0.941	0.942	-0.001
50	047U50	0.942	0.942	0.000
50	048U50	0.941	0.942	-0.001
50	049U50	0.941	0.941	0.000
50	050U50	0.942	0.942	0.000
50	051U50	0.941	0.942	-0.001
100	052B100	0.942	0.943	-0.001
100	053B100	0.942	0.943	-0.001
100	055B100	0.941	0.942	-0.001
100	056B100	0.942	0.943	-0.001
100	058B100	0.941	0.942	-0.001
100	059B100	0.941	0.941	-0.001
100	060B100	0.941	0.942	-0.001
100	061B100	0.941	0.942	-0.001
100	063B100	0.941	0.942	-0.001
100	064B100	0.941	0.942	-0.001
100	065B100	0.941	0.942	-0.001
100	066B100	0.942	0.943	-0.001
100	067B100	0.941	0.942	-0.001
100	068B100	0.942	0.942	-0.001
100	069B100	0.942	0.942	-0.001
100	070B100	0.942	0.943	-0.001
100	071B100	0.941	0.942	-0.001
100	072B100	0.941	0.941	-0.001
100	074B100	0.941	0.942	-0.001
100	076B100	0.941	0.942	-0.001
100	077B100	0.941	0.942	-0.001
100	078B100	0.941	0.942	-0.001
100	079U100	0.941	0.941	0.000
100	080U100	0.941	0.941	0.000
100	081U100	0.941	0.941	0.000
100	082U100	0.941	0.941	0.000
100	083U100	0.941	0.942	0.000
	Max	0.942	0.943	0.001
	Average	0.941	0.942	-0.001
	Min	0.940	0.939	-0.002
	Std Dev	0.000	0.001	0.000



	2200.4_VOUTNEG_HIGH_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.19	V
Min Limit	0.033	V

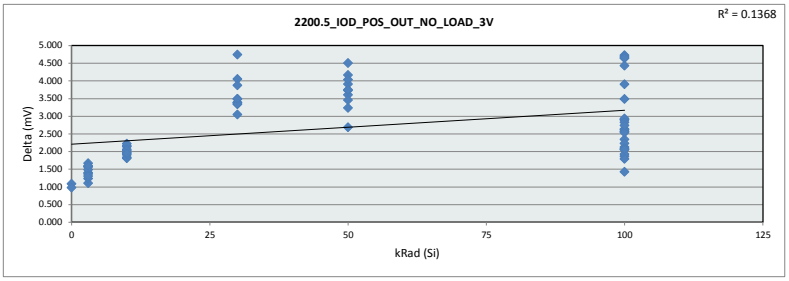
kRad (Si)	0	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033	0.033
Min	0.942	0.941	0.942	0.941	0.939	0.941
Average	0.942	0.942	0.942	0.942	0.942	0.942
Max	0.943	0.944	0.943	0.942	0.943	0.943
UL	1.190	1.190	1.190	1.190	1.190	1.190



TID Report
LMH5401-SP HDR

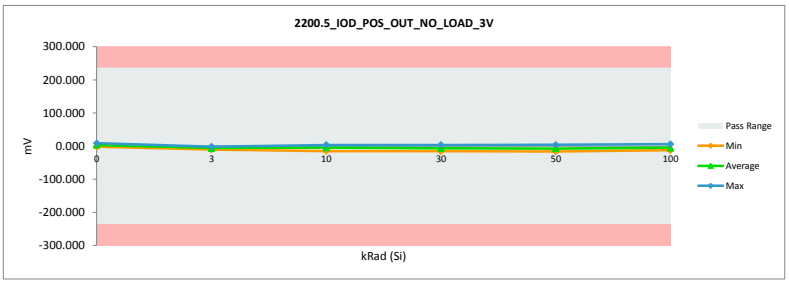
	2200.5_IOD_POS_OUT_NO_LOAD	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-0.501	-1.588	1.088
0	106C1	9.558	8.582	0.976
3	018B3	-7.424	-9.004	1.580
3	019B3	-6.515	-8.183	1.668
3	020B3	-1.070	-2.633	1.563
3	021B3	-1.327	-2.727	1.399
3	022B3	-4.789	-5.891	1.102
3	023U3	-8.893	-10.256	1.363
3	024U3	0.096	-1.392	1.487
3	025U3	-4.722	-5.955	1.233
3	026U3	-3.433	-5.029	1.596
3	027U3	-7.760	-9.065	1.305
10	095B10	-4.066	-6.032	1.966
10	096B10	-5.761	-7.899	2.138
10	097B10	-12.850	-15.012	2.162
10	098B10	-1.512	-3.321	1.810
10	100B10	0.672	-1.548	2.220
10	101U10	-5.954	-7.790	1.835
10	102U10	-4.506	-6.566	2.059
10	103U10	3.728	1.704	2.023
10	104U10	5.356	3.448	1.907
10	105U10	-1.749	-3.701	1.952
30	028B30	-9.850	-12.898	3.048
30	029B30	-12.172	-15.558	3.387
30	030B30	-4.338	-7.829	3.491
30	032B30	-3.585	-6.973	3.389
30	033B30	-6.565	-10.615	4.050
30	034U30	7.335	3.461	3.874
30	036U30	2.967	-0.374	3.341
30	037U30	3.872	0.522	3.349
30	038U30	-0.840	-5.584	4.744
30	040U30	-4.045	-7.534	3.488
50	041B50	-4.181	-7.785	3.604
50	042B50	-1.232	-4.686	3.454
50	043B50	-8.898	-11.582	2.684
50	044B50	-9.918	-14.422	4.504
50	045B50	-2.554	-5.788	3.234
50	047U50	7.753	3.587	4.166
50	048U50	-0.553	-4.459	3.907
50	049U50	-3.353	-7.084	3.730
50	050U50	0.855	-3.178	4.033
50	051U50	-12.493	-16.242	3.749
100	052B100	-1.891	-4.791	2.899
100	053B100	8.102	6.052	2.049
100	055B100	-7.917	-10.481	2.565
100	056B100	-9.352	-10.776	1.424
100	058B100	-0.796	-2.659	1.863
100	059B100	-10.258	-12.603	2.345
100	060B100	7.527	5.401	2.126
100	061B100	-10.141	-12.773	2.632
100	063B100	-6.187	-8.111	1.924
100	064B100	-4.342	-6.572	2.230
100	065B100	-3.763	-7.666	3.904
100	066B100	4.106	1.206	2.900
100	067B100	-9.379	-12.313	2.934
100	068B100	7.469	4.844	2.625
100	069B100	7.124	3.637	3.487
100	070B100	7.199	4.374	2.825
100	071B100	1.388	-0.405	1.793
100	072B100	-1.062	-3.640	2.578
100	074B100	5.153	2.618	2.535
100	076B100	-7.178	-9.263	2.086
100	077B100	-0.499	-3.240	2.741
100	078B100	-6.423	-8.483	2.060
100	079U100	-7.577	-12.302	4.724
100	080U100	-2.993	-7.423	4.430
100	081U100	-2.789	-7.481	4.691
100	082U100	-7.438	-12.080	4.641
100	083U100	-7.766	-12.414	4.647
	Max	9.558	8.582	4.744
	Average	-2.680	-5.394	2.715
	Min	-12.850	-16.242	0.976
	Std Dev	5.675	5.820	1.061



	2200.5_IOD_POS_OUT_NO_LO	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

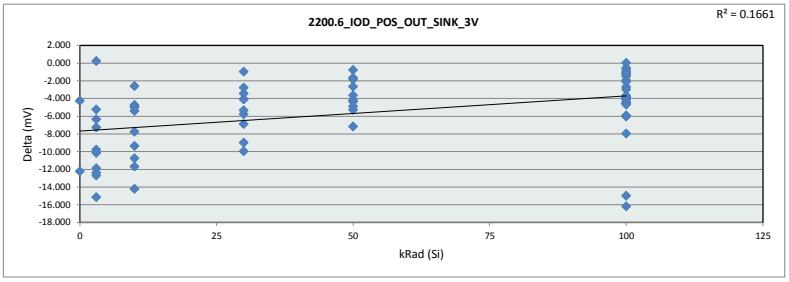
kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-1.588	-10.256	-15.012	-15.558	-16.242	-12.773
Average	3.497	-6.014	-4.671	-6.338	-7.164	-5.087
Max	8.582	-1.392	3.448	3.461	3.587	6.052
UL	235.000	235.000	235.000	235.000	235.000	235.000



TID Report
LMH5401-SP HDR

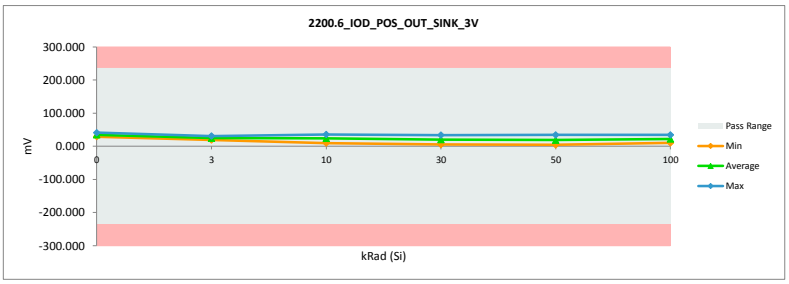
	2200.6_IOD_POS_OUT_SINK_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	16.915	29.135	-12.220
0	106C1	36.549	40.815	-4.265
3	018B3	13.812	21.068	-7.257
3	019B3	20.510	20.275	0.235
3	020B3	16.077	28.778	-12.701
3	021B3	12.925	28.061	-15.136
3	022B3	13.488	23.273	-9.785
3	023U3	9.106	19.250	-10.143
3	024U3	24.695	31.034	-6.339
3	025U3	12.386	24.263	-11.877
3	026U3	20.988	26.226	-5.238
3	027U3	9.267	21.651	-12.384
10	095B10	9.026	19.783	-10.757
10	096B10	17.472	20.076	-2.605
10	097B10	4.601	9.594	-4.994
10	098B10	13.080	22.438	-9.358
10	100B10	20.920	25.659	-4.739
10	101U10	9.690	21.371	-11.680
10	102U10	19.630	24.585	-4.955
10	103U10	25.136	32.882	-7.746
10	104U10	30.214	35.615	-5.401
10	105U10	13.026	27.236	-14.210
30	028B30	5.518	9.602	-4.083
30	029B30	1.691	5.115	-3.423
30	030B30	10.219	15.992	-5.773
30	032B30	13.380	18.712	-5.332
30	033B30	8.382	12.451	-4.069
30	034U30	31.036	33.803	-2.767
30	036U30	20.785	29.759	-8.974
30	037U30	25.481	32.360	-6.880
30	038U30	25.038	26.003	-0.964
30	040U30	10.293	20.245	-9.952
50	041B50	12.922	17.113	-4.191
50	042B50	21.128	23.773	-2.645
50	043B50	7.631	11.278	-3.647
50	044B50	7.159	7.944	-0.786
50	045B50	13.473	18.364	-4.891
50	047U50	32.551	34.204	-1.653
50	048U50	18.026	25.188	-7.161
50	049U50	13.128	18.416	-5.288
50	050U50	22.366	26.728	-4.362
50	051U50	2.326	4.162	-1.836
100	052B100	18.266	22.375	-4.109
100	053B100	32.248	34.194	-1.946
100	055B100	11.757	13.057	-1.300
100	056B100	10.756	25.732	-14.976
100	058B100	16.372	22.404	-6.032
100	059B100	5.511	10.041	-4.530
100	060B100	28.944	32.975	-4.031
100	061B100	6.810	12.729	-5.919
100	063B100	12.939	29.122	-16.183
100	064B100	9.289	17.240	-7.951
100	065B100	19.293	20.024	-0.731
100	066B100	28.471	29.021	-0.550
100	067B100	9.932	12.911	-2.979
100	068B100	31.385	32.867	-1.482
100	069B100	32.179	32.160	0.020
100	070B100	31.551	32.541	-0.991
100	071B100	21.105	25.515	-4.409
100	072B100	19.674	22.362	-2.688
100	074B100	28.811	30.932	-2.121
100	076B100	25.129	26.279	-1.149
100	077B100	19.526	23.351	-3.825
100	078B100	10.682	15.244	-4.562
100	079U100	7.901	11.580	-3.679
100	080U100	14.230	18.795	-4.565
100	081U100	17.376	21.171	-3.795
100	082U100	11.107	15.049	-3.942
100	083U100	9.032	13.737	-4.705
	Max	36.549	40.815	0.235
	Average	16.845	22.430	-5.585
	Min	1.691	4.162	-16.183
	Std Dev	8.487	8.047	3.994



	2200.6_IOD_POS_OUT_SINK_3	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

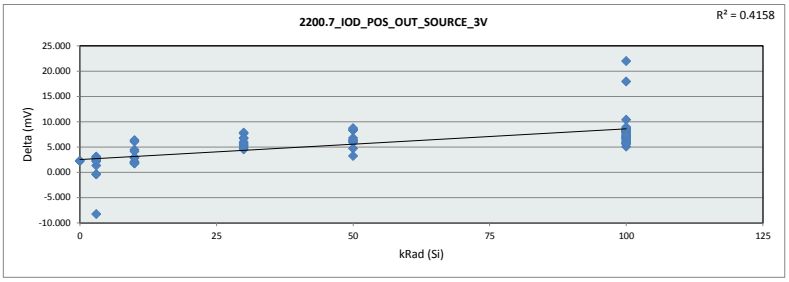
kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	29.135	19.250	9.594	5.115	4.162	10.041
Average	34.975	24.388	23.924	20.404	18.717	22.348
Max	40.815	31.034	35.615	33.803	34.204	34.195
UL	235.000	235.000	235.000	235.000	235.000	235.000



TID Report
LMH5401-SP HDR

	2200.7_IOD_POS_OUT_SOURCE	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	30.226	28.031	2.195
0	106C1	45.417	43.145	2.272
3	018B3	27.186	24.103	3.083
3	019B3	9.596	17.853	-8.257
3	020B3	29.997	28.670	1.327
3	021B3	29.220	26.256	2.965
3	022B3	24.474	22.126	2.348
3	023U3	25.881	23.197	2.684
3	024U3	36.836	34.294	2.543
3	025U3	21.377	21.773	-0.396
3	026U3	30.640	28.510	2.129
3	027U3	18.771	19.194	-0.423
10	095B10	29.213	24.763	4.451
10	096B10	28.670	22.600	6.070
10	097B10	10.877	8.793	2.084
10	098B10	29.268	25.163	4.105
10	100B10	28.666	22.339	6.327
10	101U10	27.830	24.913	2.916
10	102U10	31.176	29.215	1.961
10	103U10	32.744	30.980	1.763
10	104U10	37.305	35.591	1.714
10	105U10	27.407	24.587	2.820
30	028B30	20.757	15.943	4.814
30	029B30	19.907	14.285	5.622
30	030B30	27.192	19.541	7.650
30	032B30	27.324	20.639	6.685
30	033B30	26.724	18.912	7.812
30	034U30	38.079	32.874	5.205
30	036U30	35.785	30.432	5.353
30	037U30	38.038	32.068	5.970
30	038U30	35.861	31.349	4.512
30	040U30	29.595	22.836	6.759
50	041B50	29.335	21.076	8.260
50	042B50	31.467	24.726	6.740
50	043B50	18.459	10.090	8.369
50	044B50	21.362	15.141	6.221
50	045B50	30.059	21.371	8.689
50	047U50	40.332	37.133	3.199
50	048U50	31.774	25.602	6.172
50	049U50	22.558	16.677	5.881
50	050U50	30.945	24.591	6.355
50	051U50	16.326	11.630	4.697
100	052B100	31.086	22.815	8.271
100	053B100	39.326	34.267	5.060
100	055B100	20.533	14.742	5.791
100	056B100	10.828	-7.087	17.915
100	058B100	27.387	18.818	8.569
100	059B100	17.591	11.406	6.185
100	060B100	39.197	31.021	8.176
100	061B100	17.152	9.301	7.851
100	063B100	16.726	-5.220	21.946
100	064B100	29.026	18.662	10.364
100	065B100	31.146	23.633	7.513
100	066B100	36.880	29.692	7.188
100	067B100	26.762	17.849	8.913
100	068B100	41.776	33.852	7.924
100	069B100	40.287	34.709	5.578
100	070B100	39.349	33.400	5.949
100	071B100	33.033	25.203	7.829
100	072B100	29.490	21.171	8.319
100	074B100	38.666	31.943	6.723
100	076B100	-2.158	-9.199	7.041
100	077B100	31.372	23.345	8.027
100	078B100	20.808	13.968	6.840
100	079U100	26.318	19.827	6.491
100	080U100	25.052	19.331	5.720
100	081U100	30.324	23.597	6.727
100	082U100	26.688	18.632	8.055
100	083U100	27.930	20.596	7.335
	Max	45.417	43.145	21.946
	Average	28.076	22.366	5.709
	Min	-2.158	-9.199	-8.257
	Std Dev	8.492	9.561	3.848



	2200.7_IOD_POS_OUT_SOURC	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	28.031	17.853	8.793	14.285	10.090	-9.199
Average	35.588	24.597	24.894	23.888	20.804	19.640
Max	43.145	34.294	35.591	32.874	37.133	34.709
UL	235.000	235.000	235.000	235.000	235.000	235.000

TID Report
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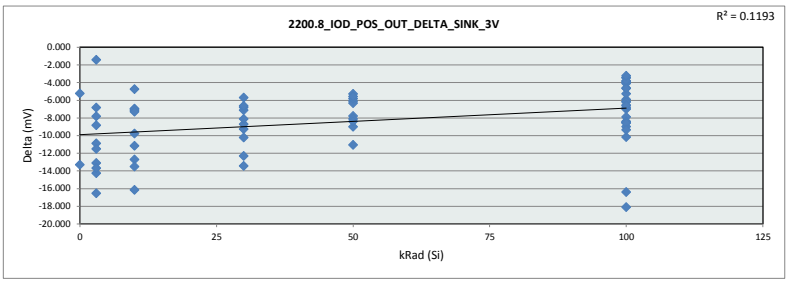
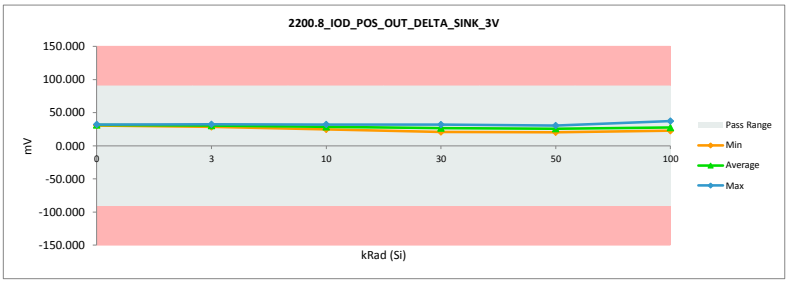
	2200.8_IOD_POS_OUT_DELTA_S	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	17.416	30.723	-13.307
0	106C1	26.992	32.233	-5.242
3	018B3	21.236	30.073	-8.837
3	019B3	27.025	28.458	-1.433
3	020B3	17.146	31.411	-14.264
3	021B3	14.253	30.787	-16.535
3	022B3	18.277	29.164	-10.887
3	023U3	17.999	29.506	-11.507
3	024U3	24.600	32.426	-7.826
3	025U3	17.108	30.218	-13.110
3	026U3	24.421	31.255	-6.834
3	027U3	17.027	30.716	-13.689
10	095B10	13.092	25.815	-12.723
10	096B10	23.232	27.975	-4.743
10	097B10	17.450	24.606	-7.156
10	098B10	14.592	25.760	-11.168
10	100B10	20.248	27.207	-6.959
10	101U10	15.644	29.160	-13.516
10	102U10	24.137	31.151	-7.014
10	103U10	21.408	31.177	-9.769
10	104U10	24.859	32.167	-7.308
10	105U10	14.776	30.937	-16.161
30	028B30	15.369	22.500	-7.131
30	029B30	13.863	20.673	-6.810
30	030B30	14.556	23.820	-9.264
30	032B30	16.965	25.685	-8.720
30	033B30	14.947	23.067	-8.119
30	034U30	23.701	30.342	-6.641
30	036U30	17.818	30.133	-12.315
30	037U30	21.609	31.838	-10.229
30	038U30	25.878	31.586	-5.708
30	040U30	14.339	27.778	-13.440
50	041B50	17.104	24.898	-7.794
50	042B50	22.360	28.459	-6.099
50	043B50	16.528	22.860	-6.332
50	044B50	17.076	22.366	-5.290
50	045B50	16.027	24.152	-8.125
50	047U50	24.797	30.617	-5.820
50	048U50	18.579	29.647	-11.068
50	049U50	16.481	25.500	-9.019
50	050U50	21.511	29.906	-8.395
50	051U50	14.819	20.404	-5.584
100	052B100	20.157	27.165	-7.008
100	053B100	24.147	28.142	-3.996
100	055B100	19.673	23.538	-3.865
100	056B100	20.108	36.509	-16.400
100	058B100	17.168	25.064	-7.895
100	059B100	15.769	22.644	-6.875
100	060B100	21.417	27.574	-6.157
100	061B100	16.951	25.503	-8.551
100	063B100	19.126	37.234	-18.107
100	064B100	13.631	23.812	-10.181
100	065B100	23.056	27.690	-4.634
100	066B100	24.365	27.815	-3.450
100	067B100	19.310	25.224	-5.913
100	068B100	23.916	28.023	-4.107
100	069B100	25.056	28.522	-3.467
100	070B100	24.352	28.167	-3.815
100	071B100	19.718	25.920	-6.202
100	072B100	20.736	26.002	-5.266
100	074B100	23.659	28.314	-4.656
100	076B100	32.307	35.542	-3.235
100	077B100	20.026	26.591	-6.566
100	078B100	17.105	23.727	-6.622
100	079U100	15.479	23.882	-8.403
100	080U100	17.223	26.218	-8.995
100	081U100	20.165	28.651	-8.486
100	082U100	18.545	27.129	-8.584
100	083U100	16.799	26.151	-9.353
	Max	32.307	37.234	-1.433
	Average	19.525	27.825	-8.300
	Min	13.092	20.404	-18.107
	Std Dev	4.035	3.534	3.577



	2200.8_IOD_POS_OUT_DELTA	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	90	mV
Min Limit	-90	mV

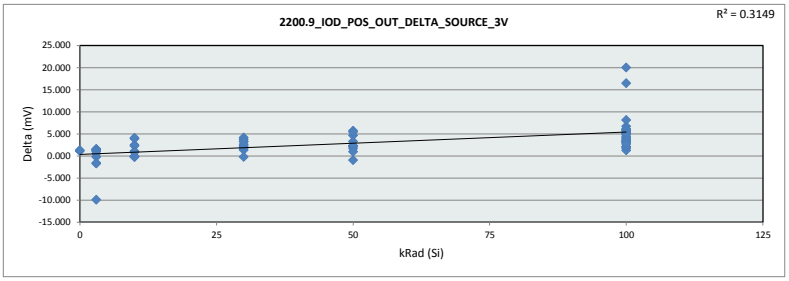
kRad (Si)	0	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000	-90.000
Min	30.723	28.458	24.606	20.673	20.404	22.644
Average	31.478	30.401	28.595	26.742	25.881	27.435
Max	32.233	32.426	32.167	31.838	30.617	37.234
UL	90.000	90.000	90.000	90.000	90.000	90.000



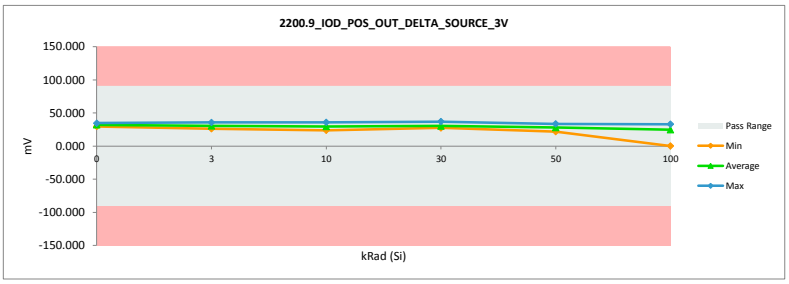
TID Report
LMH5401-SP HDR

	2200.9_IOD_POS_OUT_DELTA_S	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	30.727	29.619	1.108
0	106C1	35.859	34.563	1.296
3	018B3	34.610	33.107	1.503
3	019B3	16.111	26.036	-9.925
3	020B3	31.067	31.303	-0.237
3	021B3	30.547	28.982	1.565
3	022B3	29.263	28.017	1.246
3	023U3	34.774	33.453	1.321
3	024U3	36.741	35.685	1.055
3	025U3	26.099	27.728	-1.629
3	026U3	34.073	33.540	0.533
3	027U3	26.531	28.259	-1.728
10	095B10	33.279	30.795	2.485
10	096B10	34.431	30.499	3.932
10	097B10	23.727	23.805	-0.078
10	098B10	30.780	28.485	2.295
10	100B10	27.993	23.887	4.107
10	101U10	33.784	32.703	1.081
10	102U10	35.682	35.780	-0.098
10	103U10	29.016	29.276	-0.260
10	104U10	31.950	32.143	-0.193
10	105U10	29.156	28.288	0.868
30	028B30	30.608	28.841	1.767
30	029B30	32.079	29.843	2.236
30	030B30	31.529	27.370	4.159
30	032B30	30.908	27.612	3.297
30	033B30	33.290	29.527	3.762
30	034U30	30.744	29.413	1.330
30	036U30	32.818	30.806	2.012
30	037U30	34.166	31.546	2.621
30	038U30	36.701	36.932	-0.232
30	040U30	33.640	30.369	3.271
50	041B50	33.517	28.861	4.656
50	042B50	32.699	29.412	3.287
50	043B50	27.357	21.672	5.684
50	044B50	31.279	29.563	1.716
50	045B50	32.613	27.159	5.454
50	047U50	32.578	33.546	-0.968
50	048U50	32.326	30.062	2.265
50	049U50	25.912	23.761	2.151
50	050U50	30.090	27.768	2.322
50	051U50	28.820	27.872	0.948
100	052B100	32.977	27.605	5.372
100	053B100	31.225	28.214	3.010
100	055B100	28.450	25.223	3.226
100	056B100	20.180	3.689	16.491
100	058B100	28.183	21.478	6.706
100	059B100	27.850	24.009	3.840
100	060B100	31.670	25.620	6.050
100	061B100	27.293	22.074	5.219
100	063B100	22.913	2.891	20.023
100	064B100	33.368	25.234	8.135
100	065B100	34.909	31.299	3.610
100	066B100	32.775	28.486	4.289
100	067B100	36.140	30.162	5.979
100	068B100	34.307	29.008	5.299
100	069B100	33.163	31.072	2.091
100	070B100	32.150	29.026	3.124
100	071B100	31.645	25.608	6.037
100	072B100	30.552	24.811	5.741
100	074B100	33.513	29.326	4.188
100	076B100	5.020	0.064	4.955
100	077B100	31.871	26.585	5.286
100	078B100	27.231	22.451	4.780
100	079U100	33.895	32.128	1.767
100	080U100	28.044	26.754	1.290
100	081U100	33.114	31.078	2.036
100	082U100	34.126	30.712	3.414
100	083U100	35.697	33.009	2.687
	Max	36.741	36.932	20.023
	Average	30.756	27.761	2.995
	Min	5.020	0.064	-9.925
	Std Dev	4.908	6.442	3.722



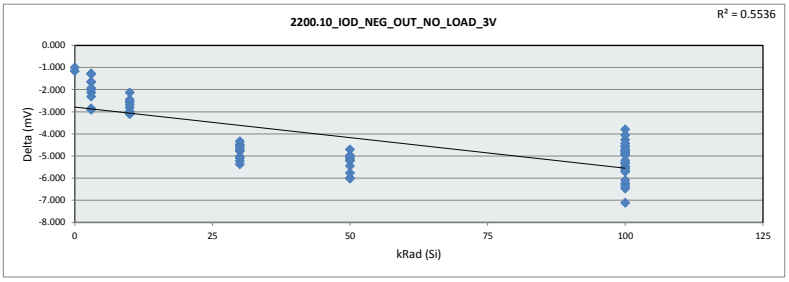
	2200.9_IOD_POS_OUT_DELTA					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	90	mV				
Min Limit	-90	mV				
kRad (Si)	0	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000	-90.000
Min	29.619	26.036	23.805	27.370	21.672	0.064
Average	32.091	30.611	29.566	30.226	27.968	24.726
Max	34.563	35.685	35.780	36.932	33.546	33.010
UL	90.000	90.000	90.000	90.000	90.000	90.000



TID Report
LMH5401-SP HDR

	2200.10_IOD_NEG_OUT_NO_LOA	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-14.540	-13.374	-1.166
0	106C1	1.188	2.191	-1.003
3	018B3	-6.289	-3.438	-2.851
3	019B3	-19.353	-18.080	-1.273
3	020B3	-10.280	-8.148	-2.132
3	021B3	-14.004	-11.094	-2.910
3	022B3	-14.972	-12.976	-1.997
3	023U3	-12.133	-10.204	-1.928
3	024U3	-0.032	1.620	-1.652
3	025U3	-18.932	-17.632	-1.299
3	026U3	0.741	3.051	-2.310
3	027U3	-18.974	-17.330	-1.644
10	095B10	-13.598	-10.517	-3.081
10	096B10	1.906	4.934	-3.028
10	097B10	-21.048	-18.369	-2.679
10	098B10	-16.378	-13.569	-2.809
10	100B10	-10.949	-8.386	-2.563
10	101U10	-9.605	-7.155	-2.450
10	102U10	0.563	3.543	-2.980
10	103U10	-12.515	-10.382	-2.133
10	104U10	-6.691	-3.585	-3.106
10	105U10	-19.199	-16.112	-3.087
30	028B30	-14.955	-9.941	-5.014
30	029B30	-13.326	-8.228	-5.098
30	030B30	-16.657	-12.178	-4.480
30	032B30	-18.482	-14.142	-4.340
30	033B30	-13.068	-7.846	-5.223
30	034U30	-11.594	-6.811	-4.783
30	036U30	-11.436	-6.887	-4.549
30	037U30	-6.636	-1.988	-4.648
30	038U30	6.234	11.606	-5.372
30	040U30	-13.390	-8.640	-4.750
50	041B50	-14.460	-9.494	-4.966
50	042B50	-7.673	-2.558	-5.115
50	043B50	-19.263	-14.557	-4.706
50	044B50	-13.240	-8.031	-5.209
50	045B50	-11.428	-5.661	-5.767
50	047U50	-3.512	2.484	-5.997
50	048U50	-5.432	0.018	-5.450
50	049U50	-21.058	-15.859	-5.199
50	050U50	-11.342	-6.308	-5.034
50	051U50	-14.107	-8.092	-6.015
100	052B100	-5.437	0.016	-5.453
100	053B100	-10.471	-4.833	-5.638
100	055B100	-18.426	-13.609	-4.816
100	056B100	-24.764	-18.294	-6.470
100	058B100	-21.387	-16.605	-4.782
100	059B100	-16.618	-11.666	-4.953
100	060B100	-13.657	-9.091	-4.566
100	061B100	-19.064	-14.805	-4.259
100	063B100	-24.558	-20.764	-3.794
100	064B100	-13.463	-8.148	-5.315
100	065B100	1.969	7.680	-5.711
100	066B100	-5.991	-1.431	-4.560
100	067B100	-7.675	-2.355	-5.320
100	068B100	-7.444	-2.903	-4.541
100	069B100	-3.251	1.943	-5.194
100	070B100	-4.217	1.326	-5.543
100	071B100	-13.640	-8.729	-4.911
100	072B100	-18.930	-14.509	-4.422
100	074B100	-5.744	-1.045	-4.699
100	076B100	-26.170	-22.114	-4.055
100	077B100	-11.519	-6.608	-4.911
100	078B100	-18.170	-13.436	-4.734
100	079U100	-12.445	-5.335	-7.110
100	080U100	-21.662	-15.425	-6.237
100	081U100	-7.722	-1.453	-6.269
100	082U100	-7.950	-1.564	-6.386
100	083U100	-7.084	-0.995	-6.089
	Max	6.234	11.606	-1.003
	Average	-11.817	-7.578	-4.240
	Min	-26.170	-22.114	-7.110
	Std Dev	7.077	7.251	1.517



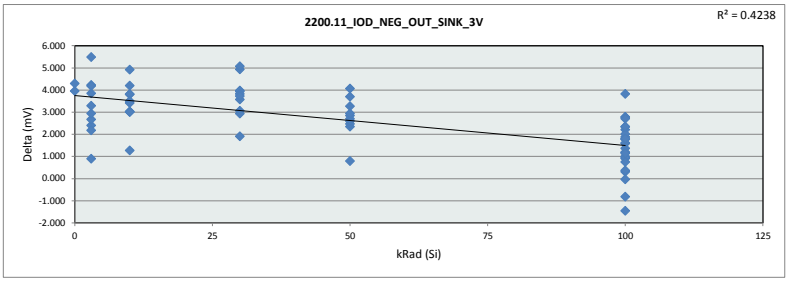
	2200.10_IOD_NEG_OUT_NO_L	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-13.374	-18.080	-18.369	-14.142	-15.859	-22.114
Average	-5.591	-9.423	-7.960	-6.505	-6.806	-7.583
Max	2.191	3.051	4.934	11.606	2.485	7.680
UL	235.000	235.000	235.000	235.000	235.000	235.000

TID Report
LMH5401-SP HDR

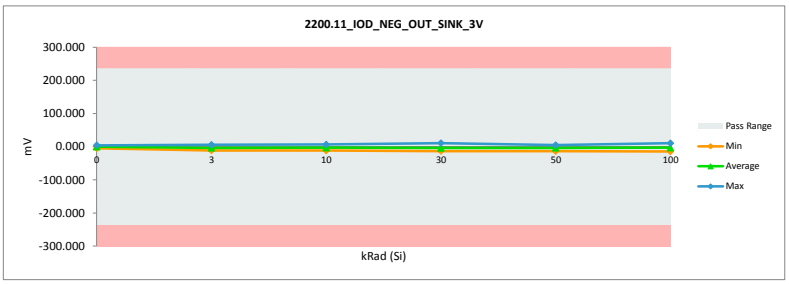
	2200.11_IOD_NEG_OUT_SINK_3	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-0.959	-4.914	3.955
0	106C1	8.478	4.183	4.294
3	018B3	5.788	1.568	4.220
3	019B3	-7.674	-8.565	0.891
3	020B3	1.901	-0.495	2.396
3	021B3	-2.350	-4.524	2.173
3	022B3	-1.845	-4.515	2.670
3	023U3	-0.790	-6.277	5.487
3	024U3	8.828	4.646	4.182
3	025U3	-8.388	-11.326	2.938
3	026U3	9.418	5.573	3.846
3	027U3	-8.340	-11.630	3.289
10	095B10	-4.374	-8.566	4.192
10	096B10	10.412	6.612	3.800
10	097B10	-8.703	-9.973	1.271
10	098B10	-6.433	-9.459	3.026
10	100B10	2.160	-0.860	3.019
10	101U10	1.840	-3.079	4.919
10	102U10	9.786	5.974	3.812
10	103U10	0.204	-3.300	3.504
10	104U10	3.819	0.406	3.412
10	105U10	-8.799	-11.804	3.005
30	028B30	-2.561	-6.495	3.934
30	029B30	0.075	-4.858	4.932
30	030B30	-6.416	-10.389	3.974
30	032B30	-9.766	-13.340	3.574
30	033B30	-2.385	-5.445	3.061
30	034U30	-0.772	-2.675	1.903
30	036U30	0.858	-2.966	3.824
30	037U30	3.802	0.080	3.722
30	038U30	13.722	10.791	2.930
30	040U30	-1.921	-6.993	5.072
50	041B50	-3.988	-8.053	4.065
50	042B50	3.145	0.804	2.340
50	043B50	-6.813	-10.081	3.268
50	044B50	-1.271	-3.967	2.696
50	045B50	0.854	-1.610	2.464
50	047U50	5.260	4.474	0.786
50	048U50	5.565	2.973	2.592
50	049U50	-10.013	-13.711	3.697
50	050U50	0.120	-2.720	2.840
50	051U50	-0.289	-3.226	2.937
100	052B100	6.367	4.492	1.876
100	053B100	0.169	-0.134	0.304
100	055B100	-7.468	-9.674	2.206
100	056B100	-11.762	-10.302	-1.460
100	058B100	-10.610	-11.977	1.367
100	059B100	-4.399	-5.304	0.905
100	060B100	-2.175	-3.753	1.578
100	061B100	-7.009	-8.779	1.771
100	063B100	-13.331	-14.328	0.998
100	064B100	-1.706	-3.315	1.609
100	065B100	11.624	10.441	1.183
100	066B100	3.714	3.349	0.365
100	067B100	4.209	1.438	2.771
100	068B100	3.193	1.411	1.782
100	069B100	5.430	5.466	-0.036
100	070B100	5.496	6.313	-0.817
100	071B100	-0.904	-2.911	2.008
100	072B100	-10.019	-11.206	1.187
100	074B100	4.274	3.332	0.942
100	076B100	-12.611	-13.356	0.745
100	077B100	0.344	-0.792	1.137
100	078B100	-6.658	-8.999	2.341
100	079U100	-1.261	-3.072	1.811
100	080U100	-12.205	-14.988	2.783
100	081U100	3.504	0.802	2.702
100	082U100	3.818	-0.006	3.824
100	083U100	4.313	1.981	2.332
	Max	13.722	10.791	5.487
	Average	-0.790	-3.357	2.567
	Min	-13.331	-14.988	-1.460
	Std Dev	6.450	6.369	1.417



	2200.11_IOD_NEG_OUT_SINK	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

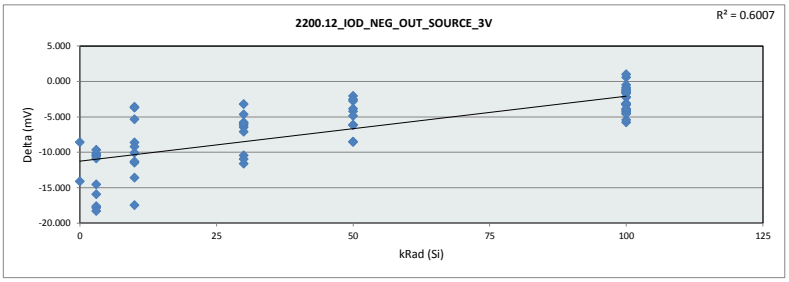
kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-4.914	-11.630	-11.804	-13.340	-13.711	-14.988
Average	-0.365	-3.555	-3.405	-4.229	-3.512	-3.106
Max	4.184	5.573	6.612	10.791	4.474	10.441
UL	235.000	235.000	235.000	235.000	235.000	235.000



TID Report
LMH5401-SP HDR

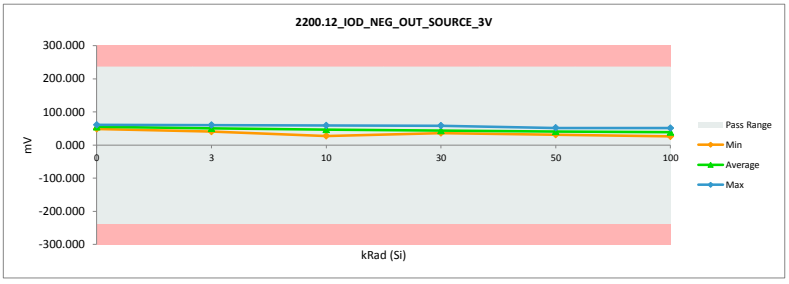
	2200.12_IOD_NEG_OUT_SOURCE	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	34.597	48.696	-14.099
0	106C1	52.231	60.813	-8.583
3	018B3	41.775	52.179	-10.404
3	019B3	30.063	40.230	-10.166
3	020B3	34.516	50.451	-15.935
3	021B3	29.815	47.657	-17.842
3	022B3	37.541	48.061	-10.520
3	023U3	37.242	51.785	-14.543
3	024U3	49.239	60.107	-10.868
3	025U3	29.030	46.638	-17.609
3	026U3	49.434	59.096	-9.662
3	027U3	26.076	44.361	-18.284
10	095B10	30.417	41.866	-11.449
10	096B10	48.935	52.514	-3.579
10	097B10	23.651	27.346	-3.695
10	098B10	30.109	38.720	-8.610
10	100B10	39.918	45.260	-5.342
10	101U10	36.132	49.721	-13.590
10	102U10	49.456	58.670	-9.214
10	103U10	38.298	49.599	-11.301
10	104U10	46.054	56.123	-10.068
10	105U10	30.242	47.717	-17.475
30	028B30	29.879	36.360	-6.481
30	029B30	30.406	36.195	-5.789
30	030B30	30.685	36.856	-6.170
30	032B30	31.015	36.934	-5.918
30	033B30	34.654	39.299	-4.645
30	034U30	40.133	47.234	-7.100
30	036U30	34.404	46.004	-11.600
30	037U30	42.048	52.495	-10.447
30	038U30	55.278	58.472	-3.195
30	040U30	36.644	47.611	-10.968
50	041B50	36.302	40.517	-4.216
50	042B50	40.765	43.539	-2.774
50	043B50	28.820	30.867	-2.047
50	044B50	33.700	36.222	-2.522
50	045B50	32.786	36.635	-3.849
50	047U50	46.833	51.701	-4.868
50	048U50	39.849	48.361	-8.512
50	049U50	28.213	36.752	-8.538
50	050U50	39.121	45.244	-6.123
50	051U50	30.339	36.512	-6.172
100	052B100	42.847	46.722	-3.875
100	053B100	41.641	43.867	-2.225
100	055B100	30.505	32.751	-2.246
100	056B100	25.015	26.484	-1.468
100	058B100	29.391	32.495	-3.104
100	059B100	27.165	31.647	-4.482
100	060B100	37.391	40.534	-3.143
100	061B100	28.315	31.527	-3.212
100	063B100	26.669	26.099	0.569
100	064B100	34.232	38.526	-4.293
100	065B100	50.464	50.951	-0.487
100	066B100	44.637	45.504	-0.868
100	067B100	38.911	40.318	-1.408
100	068B100	44.728	45.623	-0.896
100	069B100	46.910	48.039	-1.130
100	070B100	47.031	48.701	-1.670
100	071B100	34.715	37.866	-3.150
100	072B100	33.910	35.103	-1.193
100	074B100	45.301	46.898	-1.597
100	076B100	28.757	27.755	1.002
100	077B100	36.009	39.287	-3.278
100	078B100	30.051	35.822	-5.771
100	079U100	34.993	39.101	-4.107
100	080U100	28.861	34.295	-5.434
100	081U100	39.379	43.965	-4.586
100	082U100	39.117	42.410	-3.293
100	083U100	39.417	43.338	-3.921
	Max	55.278	60.813	1.002
	Average	36.710	43.146	-6.435
	Min	23.651	26.099	-18.284
	Std Dev	7.496	8.379	4.832



	2200.12_IOD_NEG_OUT_SOUR	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

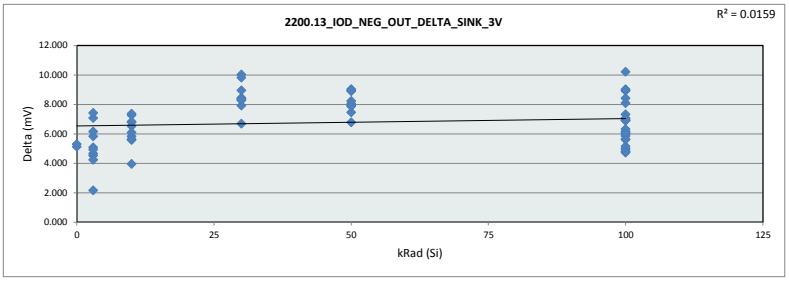
kRad (Si)	0	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000	-235.000
Min	48.696	40.230	27.346	36.195	30.867	26.099
Average	54.755	50.056	46.754	43.746	40.635	39.097
Max	60.813	60.108	58.670	58.472	51.701	50.951
UL	235.000	235.000	235.000	235.000	235.000	235.000



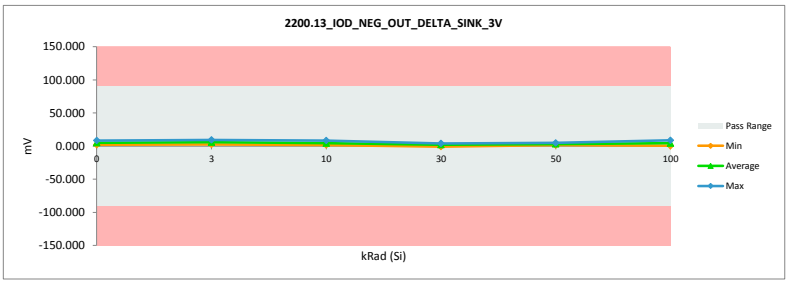
TID Report
LMH5401-SP HDR

	2200.13_IOD_NEG_OUT_DELTA_	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	13.580	8.460	5.121
0	106C1	7.290	1.992	5.298
3	018B3	12.078	5.007	7.071
3	019B3	11.679	9.516	2.164
3	020B3	12.181	7.653	4.528
3	021B3	11.653	6.571	5.083
3	022B3	13.127	8.460	4.667
3	023U3	11.342	3.927	7.415
3	024U3	8.860	3.026	5.834
3	025U3	10.544	6.306	4.238
3	026U3	8.677	2.522	6.156
3	027U3	10.634	5.700	4.934
10	095B10	9.224	1.950	7.273
10	096B10	8.505	1.678	6.827
10	097B10	12.345	8.396	3.950
10	098B10	9.945	4.110	5.835
10	100B10	13.108	7.526	5.582
10	101U10	11.445	4.077	7.368
10	102U10	9.223	2.431	6.792
10	103U10	12.719	7.083	5.637
10	104U10	10.510	3.991	6.518
10	105U10	10.400	4.308	6.092
30	028B30	12.394	3.446	8.948
30	029B30	13.401	3.371	10.030
30	030B30	10.242	1.788	8.454
30	032B30	8.715	0.802	7.914
30	033B30	10.683	2.400	8.283
30	034U30	10.821	4.135	6.686
30	036U30	12.293	3.921	8.373
30	037U30	10.438	2.068	8.369
30	038U30	7.487	-0.815	8.302
30	040U30	11.469	1.647	9.822
50	041B50	10.472	1.441	9.031
50	042B50	10.818	3.362	7.456
50	043B50	12.450	4.476	7.974
50	044B50	11.969	4.064	7.905
50	045B50	12.282	4.051	8.231
50	047U50	8.772	1.989	6.783
50	048U50	10.997	2.955	8.042
50	049U50	11.044	2.148	8.896
50	050U50	11.462	3.588	7.874
50	051U50	13.818	4.866	8.952
100	052B100	11.804	4.476	7.328
100	053B100	10.640	4.699	5.942
100	055B100	10.958	3.935	7.022
100	056B100	13.002	7.992	5.010
100	058B100	10.778	4.628	6.149
100	059B100	12.219	6.362	5.858
100	060B100	11.482	5.339	6.144
100	061B100	12.056	6.026	6.030
100	063B100	11.227	6.436	4.791
100	064B100	11.757	4.833	6.924
100	065B100	9.655	2.761	6.894
100	066B100	9.705	4.780	4.925
100	067B100	11.884	3.793	8.091
100	068B100	10.637	4.314	6.323
100	069B100	8.681	3.523	5.158
100	070B100	9.712	4.987	4.725
100	071B100	12.736	5.818	6.919
100	072B100	8.911	3.302	5.609
100	074B100	10.018	4.377	5.641
100	076B100	13.559	8.758	4.801
100	077B100	11.863	5.815	6.048
100	078B100	11.511	4.437	7.074
100	079U100	11.184	2.263	8.921
100	080U100	9.457	0.437	9.020
100	081U100	11.226	2.255	8.971
100	082U100	11.767	1.558	10.210
100	083U100	11.398	2.976	8.421
	Max	13.818	9.516	10.210
	Average	11.028	4.221	6.807
	Min	7.290	-0.815	2.164
	Std Dev	1.473	2.165	1.637



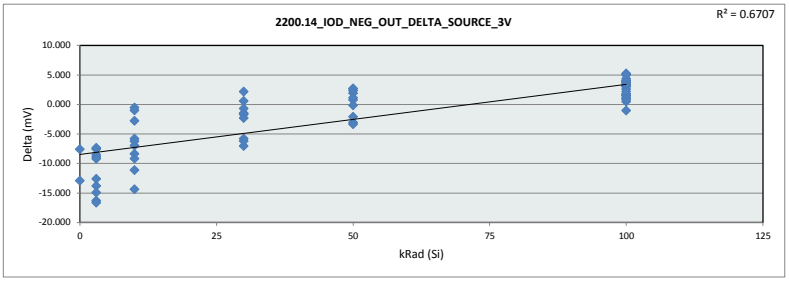
	2200.13_IOD_NEG_OUT_DELTA					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	90	mV				
Min Limit	-90	mV				
kRad (Si)	0	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000	-90.000
Min	1.993	2.522	1.678	-0.815	1.441	0.437
Average	5.226	5.869	4.555	2.276	3.294	4.477
Max	8.460	9.516	8.396	4.135	4.866	8.758
UL	90.000	90.000	90.000	90.000	90.000	90.000



TID Report
LMH5401-SP HDR

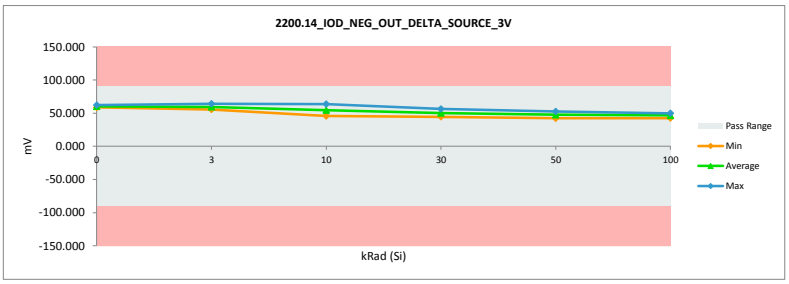
	2200.14_IOD_NEG_OUT_DELTA_	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	49.137	62.070	-12.933
0	106C1	51.043	58.622	-7.579
3	018B3	48.064	55.617	-7.553
3	019B3	49.417	58.310	-8.893
3	020B3	44.796	58.599	-13.803
3	021B3	43.818	58.751	-14.933
3	022B3	52.513	61.036	-8.523
3	023U3	49.374	61.989	-12.615
3	024U3	49.271	58.488	-9.216
3	025U3	47.961	64.271	-16.309
3	026U3	48.693	56.045	-7.351
3	027U3	45.050	61.690	-16.640
10	095B10	44.014	52.383	-8.368
10	096B10	47.029	47.579	-0.551
10	097B10	44.699	45.715	-1.016
10	098B10	46.487	52.288	-5.801
10	100B10	50.866	53.646	-2.780
10	101U10	45.737	56.877	-11.140
10	102U10	48.893	55.127	-6.234
10	103U10	50.813	59.981	-9.168
10	104U10	52.745	59.708	-6.963
10	105U10	49.441	63.828	-14.388
30	028B30	44.834	46.301	-1.467
30	029B30	43.731	44.423	-0.691
30	030B30	47.343	49.033	-1.690
30	032B30	49.497	51.076	-1.578
30	033B30	47.722	47.145	0.577
30	034U30	51.727	54.044	-2.317
30	036U30	45.840	52.891	-7.052
30	037U30	48.684	54.483	-5.799
30	038U30	49.043	46.866	2.177
30	040U30	50.034	56.252	-6.218
50	041B50	50.762	50.012	0.750
50	042B50	48.438	46.096	2.342
50	043B50	48.083	45.424	2.659
50	044B50	46.940	44.254	2.687
50	045B50	44.214	42.297	1.918
50	047U50	50.345	49.217	1.128
50	048U50	45.281	48.343	-3.062
50	049U50	49.271	52.611	-3.340
50	050U50	50.463	52.552	-2.089
50	051U50	44.446	44.604	-0.157
100	052B100	48.283	46.705	1.578
100	053B100	52.112	48.699	3.413
100	055B100	48.931	46.360	2.571
100	056B100	49.779	44.778	5.002
100	058B100	50.778	49.100	1.678
100	059B100	43.784	43.313	0.471
100	060B100	51.048	49.625	1.423
100	061B100	47.380	46.332	1.048
100	063B100	51.226	46.863	4.363
100	064B100	47.696	46.674	1.022
100	065B100	48.495	43.271	5.224
100	066B100	50.628	46.935	3.692
100	067B100	46.585	42.673	3.912
100	068B100	52.171	48.526	3.645
100	069B100	50.161	46.096	4.065
100	070B100	51.248	47.375	3.872
100	071B100	48.355	46.595	1.760
100	072B100	52.840	49.611	3.228
100	074B100	51.045	47.943	3.102
100	076B100	54.927	49.870	5.058
100	077B100	47.528	45.895	1.633
100	078B100	48.220	49.258	-1.038
100	079U100	47.438	44.436	3.002
100	080U100	50.523	49.720	0.803
100	081U100	47.101	45.418	1.683
100	082U100	47.067	43.974	3.093
100	083U100	46.501	44.333	2.168
	Max	54.927	64.271	5.224
	Average	48.528	50.738	-2.210
	Min	43.731	42.297	-16.640
	Std Dev	2.551	5.938	5.952



	2200.14_IOD_NEG_OUT_DELTA	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	90	mV
Min Limit	-90	mV

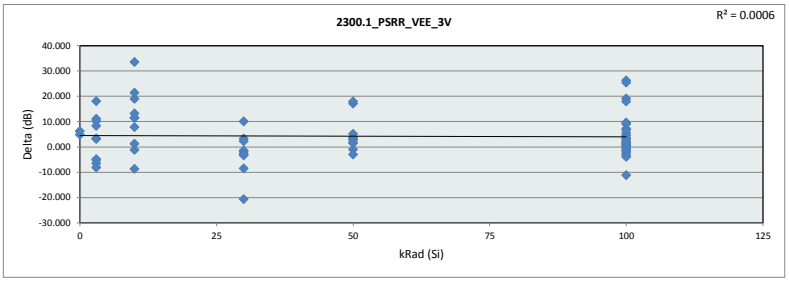
kRad (Si)	0	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000	-90.000
Min	58.622	55.617	45.715	44.423	42.297	42.673
Average	60.346	59.480	54.713	50.251	47.541	46.681
Max	62.070	64.271	63.828	56.252	52.611	49.870
UL	90.000	90.000	90.000	90.000	90.000	90.000



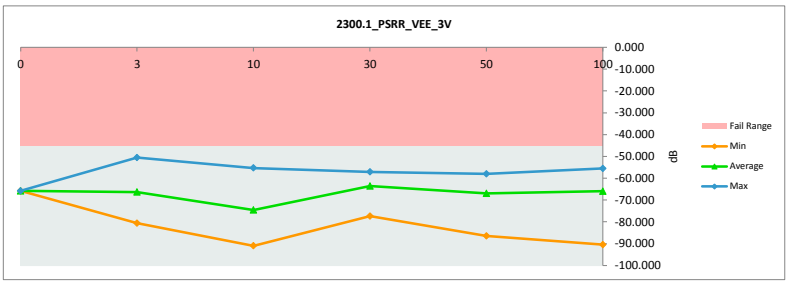
TID Report
LMH5401-SP HDR

	2300.1_PSRR_VEE_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-45	-45
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-61.001	-65.825	4.824
0	106C1	-59.588	-65.823	6.234
3	018B3	-65.234	-76.348	11.114
3	019B3	-57.028	-50.544	-6.484
3	020B3	-62.426	-65.765	3.339
3	021B3	-62.706	-65.856	3.150
3	022B3	-56.432	-64.720	8.288
3	023U3	-67.949	-78.105	10.156
3	024U3	-68.559	-60.390	-8.169
3	025U3	-59.256	-54.105	-5.151
3	026U3	-71.476	-66.631	-4.846
3	027U3	-62.537	-80.613	18.076
10	095B10	-63.879	-82.868	18.989
10	096B10	-77.864	-69.191	-8.672
10	097B10	-62.814	-74.328	11.514
10	098B10	-61.284	-72.731	11.448
10	100B10	-56.448	-55.306	-1.142
10	101U10	-69.572	-90.991	21.419
10	102U10	-79.123	-86.916	7.793
10	103U10	-56.571	-57.808	1.237
10	104U10	-53.560	-87.115	33.556
10	105U10	-55.205	-68.405	13.200
30	028B30	-67.173	-65.398	-1.775
30	029B30	-74.976	-66.458	-8.519
30	030B30	-61.378	-59.882	-1.496
30	032B30	-64.308	-67.573	3.265
30	033B30	-67.318	-77.399	10.081
30	034U30	-57.775	-59.980	2.206
30	036U30	-59.803	-57.132	-2.670
30	037U30	-62.530	-59.153	-3.377
30	038U30	-83.598	-62.927	-20.671
30	040U30	-62.655	-59.775	-2.880
50	041B50	-64.192	-67.945	3.752
50	042B50	-66.709	-69.790	3.081
50	043B50	-59.680	-58.655	-1.025
50	044B50	-69.349	-86.439	17.090
50	045B50	-59.623	-62.408	2.785
50	047U50	-56.278	-74.230	17.952
50	048U50	-62.449	-64.118	1.669
50	049U50	-56.546	-58.061	1.515
50	050U50	-60.881	-66.057	5.175
50	051U50	-65.182	-62.190	-2.992
100	052B100	-65.173	-62.139	-3.035
100	053B100	-55.918	-63.120	7.201
100	055B100	-60.937	-60.230	-0.707
100	056B100	-57.350	-57.208	-0.142
100	058B100	-58.922	-56.872	-2.050
100	059B100	-63.694	-64.789	1.095
100	060B100	-59.041	-59.580	0.539
100	061B100	-64.741	-65.170	0.429
100	063B100	-57.828	-56.407	-1.422
100	064B100	-63.824	-60.723	-3.101
100	065B100	-75.327	-64.125	-11.202
100	066B100	-63.321	-65.371	2.050
100	067B100	-66.645	-75.676	9.031
100	068B100	-57.564	-62.099	4.535
100	069B100	-58.550	-77.645	19.095
100	070B100	-57.300	-66.937	9.637
100	071B100	-58.268	-59.659	1.391
100	072B100	-60.096	-61.887	1.792
100	074B100	-59.475	-62.954	3.479
100	076B100	-50.112	-55.558	5.447
100	077B100	-63.494	-62.085	-1.409
100	078B100	-62.324	-58.362	-3.962
100	079U100	-63.769	-90.036	26.267
100	080U100	-60.015	-66.697	6.682
100	081U100	-65.048	-90.449	25.401
100	082U100	-71.279	-74.166	2.887
100	083U100	-63.625	-81.570	17.945
	Max	-50.112	-50.544	33.556
	Average	-62.849	-67.065	4.216
	Min	-83.598	-90.991	-20.671
	Std Dev	6.083	9.628	9.424



	2300.1_PSRR_VEE_3V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	-45	dB				
Min Limit		dB				
kRad (Si)	0	3	10	30	50	100
LL						
Min	-65.825	-80.613	-90.991	-77.399	-86.439	-90.449
Average	-65.824	-66.308	-74.566	-63.568	-66.989	-65.982
Max	-65.823	-50.544	-55.306	-57.132	-58.061	-55.559
UL	-45.000	-45.000	-45.000	-45.000	-45.000	-45.000



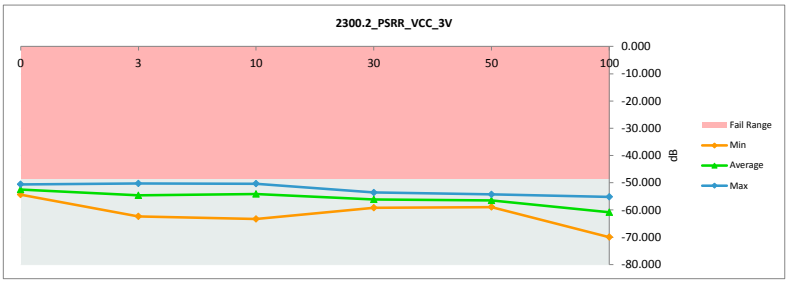
TID Report
LMH5401-SP HDR

	2300.2_PSRR_VCC_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-48.5	-48.5
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-48.608	-50.583	1.975
0	106C1	-57.674	-54.339	-3.335
3	018B3	-57.503	-62.367	4.864
3	019B3	-49.622	-60.926	11.304
3	020B3	-51.337	-50.638	-0.699
3	021B3	-54.845	-58.625	3.780
3	022B3	-50.654	-50.302	-0.352
3	023U3	-59.923	-51.826	-8.097
3	024U3	-59.234	-53.520	-5.714
3	025U3	-50.819	-52.364	1.545
3	026U3	-60.653	-52.273	-8.380
3	027U3	-53.471	-53.299	-0.172
10	095B10	-51.365	-57.639	6.274
10	096B10	-56.893	-63.297	6.405
10	097B10	-53.198	-55.943	2.744
10	098B10	-49.862	-51.014	1.152
10	100B10	-52.814	-54.398	1.585
10	101U10	-50.130	-51.587	1.457
10	102U10	-61.563	-53.979	-7.583
10	103U10	-52.729	-50.426	-2.303
10	104U10	-55.365	-52.318	-3.047
10	105U10	-50.297	-50.342	0.045
30	028B30	-56.332	-56.086	-0.246
30	029B30	-59.820	-56.454	-3.366
30	030B30	-56.573	-55.987	-0.586
30	032B30	-62.190	-55.215	-6.976
30	033B30	-64.115	-55.270	-8.844
30	034U30	-53.103	-59.172	6.069
30	036U30	-49.391	-56.735	7.344
30	037U30	-50.486	-56.024	5.538
30	038U30	-57.602	-56.369	-1.233
30	040U30	-54.151	-53.585	-0.565
50	041B50	-65.343	-56.797	-8.545
50	042B50	-57.790	-56.191	-1.599
50	043B50	-49.064	-55.395	6.331
50	044B50	-63.227	-56.737	-6.489
50	045B50	-48.737	-56.137	7.400
50	047U50	-54.254	-58.925	4.671
50	048U50	-49.126	-55.360	6.234
50	049U50	-49.264	-56.322	7.057
50	050U50	-51.153	-58.800	7.647
50	051U50	-49.529	-54.274	4.745
100	052B100	-48.786	-57.677	8.891
100	053B100	-53.446	-66.266	12.820
100	055B100	-57.377	-61.288	3.910
100	056B100	-50.324	-58.799	8.475
100	058B100	-51.528	-69.977	18.448
100	059B100	-57.285	-58.478	1.192
100	060B100	-51.823	-65.445	13.622
100	061B100	-52.505	-59.399	6.894
100	063B100	-49.701	-59.347	9.645
100	064B100	-48.648	-57.760	9.112
100	065B100	-57.736	-55.925	-1.811
100	066B100	-56.366	-63.931	7.565
100	067B100	-61.589	-57.904	-3.685
100	068B100	-51.738	-59.283	7.545
100	069B100	-57.422	-65.963	8.541
100	070B100	-53.375	-62.701	9.326
100	071B100	-49.125	-59.723	10.598
100	072B100	-53.135	-63.648	10.513
100	074B100	-51.160	-63.560	12.400
100	076B100	-58.498	-61.452	2.954
100	077B100	-53.605	-60.155	6.549
100	078B100	-50.514	-61.432	10.918
100	079U100	-55.907	-55.181	-0.726
100	080U100	-55.674	-62.479	6.805
100	081U100	-50.812	-57.517	6.705
100	082U100	-55.710	-62.192	6.482
100	083U100	-52.991	-55.459	2.469
	Max	-48.608	-50.302	18.448
	Average	-54.154	-57.403	3.249
	Min	-65.343	-69.977	-8.844
	Std Dev	4.293	4.342	6.082

	2300.2_PSRR_VCC_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	-48.5	dB
Min Limit		dB

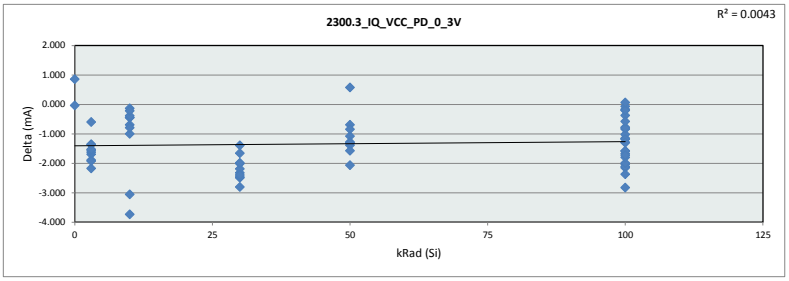
kRad (Si)	0	3	10	30	50	100
LL						
Min	-54.339	-62.367	-63.297	-59.172	-58.925	-69.977
Average	-52.461	-54.614	-54.094	-56.090	-56.494	-60.850
Max	-50.583	-50.302	-50.342	-53.585	-54.274	-55.181
UL	-48.500	-48.500	-48.500	-48.500	-48.500	-48.500



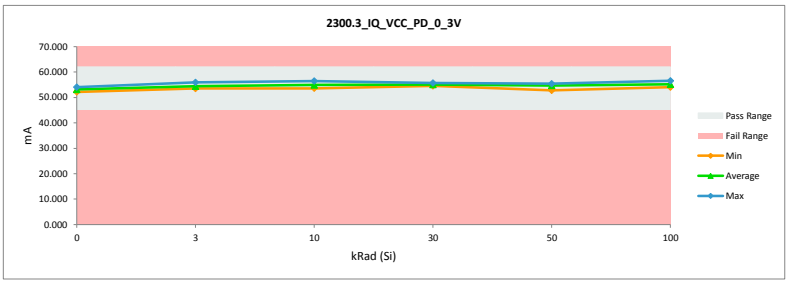
TID Report
LMH5401-SP HDR

	2300.3_IQ_VCC_PD_0_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	62	62
Min Limit	45	45

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	53.009	52.152	0.857
0	106C1	54.033	54.067	-0.033
3	018B3	52.253	54.427	-2.174
3	019B3	52.121	54.016	-1.895
3	020B3	52.866	54.563	-1.697
3	021B3	52.381	54.000	-1.619
3	022B3	52.746	54.115	-1.368
3	023U3	52.442	54.367	-1.924
3	024U3	54.357	55.911	-1.554
3	025U3	53.161	54.688	-1.527
3	026U3	53.273	54.629	-1.356
3	027U3	52.898	53.498	-0.600
10	095B10	53.140	53.587	-0.447
10	096B10	55.411	56.105	-0.694
10	097B10	53.752	54.200	-0.447
10	098B10	53.832	54.833	-1.001
10	100B10	53.872	54.007	-0.135
10	101U10	56.083	56.470	-0.386
10	102U10	55.191	55.407	-0.216
10	103U10	53.833	54.624	-0.791
10	104U10	50.913	54.648	-3.735
10	105U10	52.210	55.266	-3.056
30	028B30	52.483	54.498	-2.015
30	029B30	53.078	55.571	-2.493
30	030B30	52.533	54.858	-2.325
30	032B30	52.292	55.101	-2.808
30	033B30	52.402	54.868	-2.466
30	034U30	52.422	54.613	-2.192
30	036U30	53.185	55.582	-2.397
30	037U30	54.008	55.665	-1.657
30	038U30	53.688	55.077	-1.390
30	040U30	52.718	54.703	-1.986
50	041B50	53.189	54.267	-1.078
50	042B50	52.828	54.892	-2.063
50	043B50	53.336	52.760	0.576
50	044B50	53.262	54.646	-1.385
50	045B50	53.722	55.297	-1.575
50	047U50	53.832	55.108	-1.276
50	048U50	54.072	54.763	-0.691
50	049U50	54.546	55.392	-0.846
50	050U50	53.957	55.279	-1.322
50	051U50	53.301	54.611	-1.310
100	052B100	54.078	54.918	-0.840
100	053B100	53.887	54.055	-0.168
100	055B100	52.797	54.824	-2.027
100	056B100	53.093	55.244	-2.151
100	058B100	53.270	54.850	-1.580
100	059B100	52.415	55.244	-2.828
100	060B100	54.209	56.319	-2.110
100	061B100	53.390	54.559	-1.169
100	063B100	53.690	55.684	-1.994
100	064B100	53.424	55.224	-1.801
100	065B100	55.993	56.060	-0.067
100	066B100	53.937	55.237	-1.300
100	067B100	53.981	55.133	-1.152
100	068B100	55.361	56.384	-1.023
100	069B100	54.575	55.349	-0.774
100	070B100	54.704	54.895	-0.191
100	071B100	54.171	54.543	-0.372
100	072B100	54.431	54.633	-0.203
100	074B100	54.364	55.164	-0.801
100	076B100	54.337	54.274	0.063
100	077B100	53.623	54.804	-1.181
100	078B100	53.641	54.933	-1.292
100	079U100	53.010	54.684	-1.674
100	080U100	53.117	54.702	-1.586
100	081U100	53.445	55.816	-2.371
100	082U100	55.957	56.535	-0.578
100	083U100	53.635	55.359	-1.724
	Max	56.083	56.535	0.857
	Average	53.553	54.878	-1.324
	Min	50.913	52.152	-3.735
	Std Dev	0.976	0.780	0.884



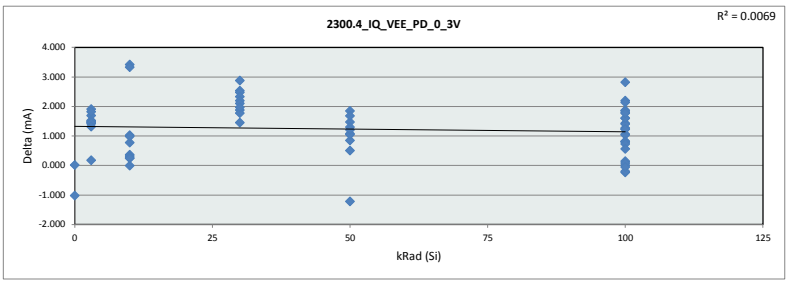
	2300.3_IQ_VCC_PD_0_3V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	62	mA				
Min Limit	45	mA				
kRad (Si)	0	3	10	30	50	100
LL	45.000	45.000	45.000	45.000	45.000	45.000
Min	52.152	53.498	53.587	54.498	52.760	54.055
Average	53.109	54.421	54.915	55.054	54.701	55.164
Max	54.067	55.911	56.470	55.665	55.392	56.535
UL	62.000	62.000	62.000	62.000	62.000	62.000



TID Report
LMH5401-SP HDR

	2300.4_IQ_VEE_PD_0_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	-45	-45
Min Limit	-62	-62

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-53.105	-52.081	-1.024
0	106C1	-54.043	-54.056	0.013
3	018B3	-52.594	-54.284	1.690
3	019B3	-52.083	-53.991	1.908
3	020B3	-52.946	-54.470	1.524
3	021B3	-52.439	-53.932	1.492
3	022B3	-52.721	-54.136	1.415
3	023U3	-52.500	-54.320	1.821
3	024U3	-54.508	-55.976	1.468
3	025U3	-53.333	-54.780	1.447
3	026U3	-53.282	-54.595	1.313
3	027U3	-53.254	-53.429	0.175
10	095B10	-53.061	-53.424	0.363
10	096B10	-55.381	-56.157	0.775
10	097B10	-53.799	-54.114	0.316
10	098B10	-53.823	-54.844	1.021
10	100B10	-53.953	-53.948	-0.005
10	101U10	-56.121	-56.371	0.250
10	102U10	-55.153	-55.394	0.242
10	103U10	-53.761	-54.743	0.982
10	104U10	-51.352	-54.768	3.417
10	105U10	-51.911	-55.239	3.327
30	028B30	-52.633	-54.509	1.876
30	029B30	-53.084	-55.618	2.533
30	030B30	-52.438	-54.913	2.475
30	032B30	-52.173	-55.050	2.877
30	033B30	-52.581	-54.912	2.331
30	034U30	-52.474	-54.668	2.194
30	036U30	-53.611	-55.711	2.100
30	037U30	-53.931	-55.701	1.771
30	038U30	-53.663	-55.111	1.448
30	040U30	-52.865	-54.835	1.970
50	041B50	-53.256	-54.332	1.076
50	042B50	-52.941	-54.787	1.846
50	043B50	-53.887	-52.665	-1.222
50	044B50	-53.247	-54.716	1.469
50	045B50	-53.706	-55.386	1.680
50	047U50	-53.945	-55.244	1.299
50	048U50	-54.040	-54.542	0.502
50	049U50	-54.586	-55.431	0.845
50	050U50	-54.230	-55.274	1.044
50	051U50	-53.406	-54.612	1.205
100	052B100	-54.175	-54.997	0.822
100	053B100	-54.211	-53.977	-0.235
100	055B100	-52.995	-54.863	1.868
100	056B100	-53.188	-55.380	2.192
100	058B100	-53.511	-54.938	1.427
100	059B100	-52.589	-55.405	2.816
100	060B100	-54.560	-56.359	1.798
100	061B100	-53.419	-54.480	1.061
100	063B100	-53.903	-55.755	1.852
100	064B100	-53.637	-55.237	1.600
100	065B100	-56.126	-56.133	0.008
100	066B100	-54.090	-55.360	1.270
100	067B100	-54.146	-55.180	1.034
100	068B100	-55.605	-56.403	0.797
100	069B100	-54.576	-55.375	0.799
100	070B100	-55.151	-54.948	-0.202
100	071B100	-54.411	-54.555	0.144
100	072B100	-54.707	-54.790	0.083
100	074B100	-54.437	-55.162	0.724
100	076B100	-54.289	-54.236	-0.053
100	077B100	-53.666	-54.891	1.224
100	078B100	-53.585	-54.987	1.401
100	079U100	-53.258	-54.490	1.232
100	080U100	-53.273	-54.874	1.601
100	081U100	-53.625	-55.763	2.138
100	082U100	-56.000	-56.560	0.561
100	083U100	-53.621	-55.389	1.769
	Max	-51.352	-52.081	3.417
	Average	-53.661	-54.892	1.232
	Min	-56.126	-56.560	-1.222
	Std Dev	0.981	0.813	0.926



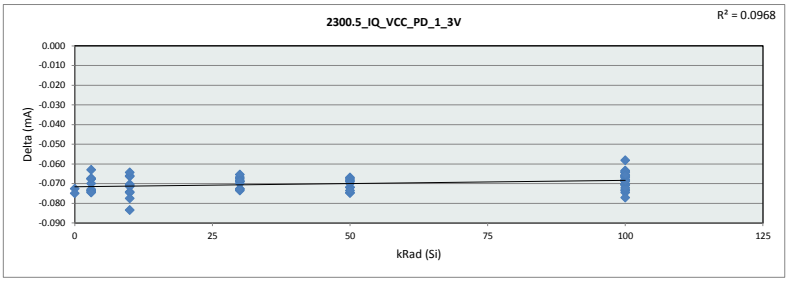
	2300.4_IQ_VEE_PD_0_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	-45	mA
Min Limit	-62	mA

kRad (Si)	0	3	10	30	50	100
LL	-62.000	-62.000	-62.000	-62.000	-62.000	-62.000
Min	-54.056	-55.976	-56.371	-55.711	-55.432	-56.560
Average	-53.069	-54.391	-54.900	-55.103	-54.699	-55.203
Max	-52.081	-53.429	-53.424	-54.509	-52.665	-53.977
UL	-45.000	-45.000	-45.000	-45.000	-45.000	-45.000

TID Report
LMH5401-SP HDR

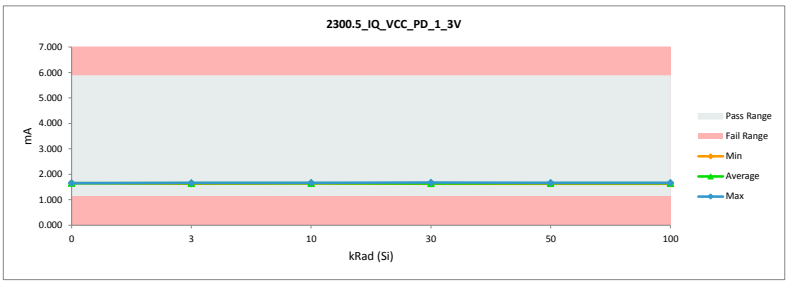
	2300.5_IQ_VCC_PD_1_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	5.875	5.875
Min Limit	1.125	1.125

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	1.581	1.654	-0.073
0	106C1	1.583	1.658	-0.075
3	018B3	1.572	1.640	-0.068
3	019B3	1.589	1.662	-0.074
3	020B3	1.591	1.658	-0.068
3	021B3	1.589	1.663	-0.074
3	022B3	1.578	1.651	-0.074
3	023U3	1.559	1.633	-0.073
3	024U3	1.573	1.643	-0.070
3	025U3	1.593	1.661	-0.067
3	026U3	1.561	1.624	-0.063
3	027U3	1.565	1.640	-0.075
10	095B10	1.575	1.645	-0.070
10	096B10	1.570	1.636	-0.066
10	097B10	1.566	1.641	-0.074
10	098B10	1.595	1.666	-0.071
10	100B10	1.590	1.661	-0.072
10	101U10	1.576	1.642	-0.066
10	102U10	1.566	1.640	-0.075
10	103U10	1.582	1.647	-0.064
10	104U10	1.570	1.648	-0.078
10	105U10	1.581	1.664	-0.084
30	028B30	1.565	1.633	-0.068
30	029B30	1.572	1.638	-0.067
30	030B30	1.573	1.646	-0.073
30	032B30	1.567	1.636	-0.069
30	033B30	1.563	1.632	-0.069
30	034U30	1.580	1.645	-0.066
30	036U30	1.604	1.674	-0.070
30	037U30	1.593	1.667	-0.074
30	038U30	1.552	1.625	-0.073
30	040U30	1.574	1.642	-0.069
50	041B50	1.569	1.636	-0.067
50	042B50	1.580	1.648	-0.068
50	043B50	1.570	1.642	-0.072
50	044B50	1.561	1.628	-0.068
50	045B50	1.590	1.662	-0.072
50	047U50	1.578	1.653	-0.075
50	048U50	1.596	1.670	-0.075
50	049U50	1.587	1.656	-0.069
50	050U50	1.592	1.662	-0.070
50	051U50	1.586	1.660	-0.074
100	052B100	1.596	1.660	-0.064
100	053B100	1.574	1.643	-0.069
100	055B100	1.570	1.635	-0.066
100	056B100	1.578	1.653	-0.075
100	058B100	1.579	1.653	-0.074
100	059B100	1.567	1.630	-0.063
100	060B100	1.593	1.663	-0.070
100	061B100	1.565	1.632	-0.067
100	063B100	1.589	1.658	-0.068
100	064B100	1.597	1.661	-0.064
100	065B100	1.566	1.639	-0.073
100	066B100	1.585	1.653	-0.068
100	067B100	1.553	1.630	-0.077
100	068B100	1.588	1.659	-0.071
100	069B100	1.580	1.647	-0.067
100	070B100	1.588	1.659	-0.070
100	071B100	1.599	1.665	-0.066
100	072B100	1.567	1.633	-0.066
100	074B100	1.590	1.656	-0.066
100	076B100	1.595	1.666	-0.071
100	077B100	1.590	1.660	-0.070
100	078B100	1.573	1.645	-0.072
100	079U100	1.574	1.638	-0.064
100	080U100	1.571	1.640	-0.069
100	081U100	1.584	1.653	-0.069
100	082U100	1.587	1.645	-0.058
100	083U100	1.577	1.642	-0.066
	Max	1.604	1.674	-0.058
	Average	1.579	1.649	-0.070
	Min	1.552	1.624	-0.084
	Std Dev	0.012	0.012	0.004



	2300.5_IQ_VCC_PD_1_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	5.875	mA
Min Limit	1.125	mA

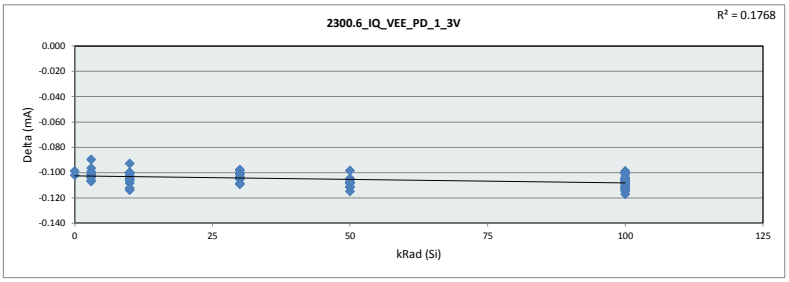
kRad (Si)	0	3	10	30	50	100
LL	1.125	1.125	1.125	1.125	1.125	1.125
Min	1.654	1.624	1.636	1.625	1.629	1.630
Average	1.656	1.648	1.649	1.644	1.652	1.649
Max	1.658	1.663	1.666	1.674	1.670	1.666
UL	5.875	5.875	5.875	5.875	5.875	5.875



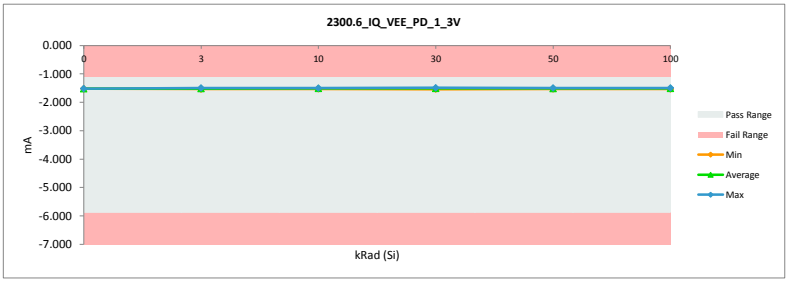
TID Report
LMH5401-SP HDR

	2300.6_IQ_VEE_PD_1_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	-1.125	-1.125
Min Limit	-5.875	-5.875

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-1.620	-1.518	-0.102
0	106C1	-1.617	-1.519	-0.099
3	018B3	-1.601	-1.505	-0.097
3	019B3	-1.625	-1.535	-0.090
3	020B3	-1.629	-1.522	-0.107
3	021B3	-1.627	-1.526	-0.101
3	022B3	-1.621	-1.517	-0.104
3	023U3	-1.606	-1.499	-0.106
3	024U3	-1.609	-1.507	-0.102
3	025U3	-1.631	-1.531	-0.100
3	026U3	-1.596	-1.493	-0.103
3	027U3	-1.607	-1.504	-0.103
10	095B10	-1.617	-1.511	-0.105
10	096B10	-1.608	-1.500	-0.108
10	097B10	-1.607	-1.505	-0.102
10	098B10	-1.629	-1.529	-0.100
10	100B10	-1.630	-1.517	-0.114
10	101U10	-1.616	-1.510	-0.106
10	102U10	-1.610	-1.498	-0.112
10	103U10	-1.615	-1.522	-0.093
10	104U10	-1.607	-1.507	-0.100
10	105U10	-1.623	-1.519	-0.105
30	028B30	-1.605	-1.500	-0.105
30	029B30	-1.609	-1.500	-0.109
30	030B30	-1.610	-1.512	-0.098
30	032B30	-1.607	-1.502	-0.104
30	033B30	-1.602	-1.492	-0.109
30	034U30	-1.616	-1.515	-0.101
30	036U30	-1.641	-1.538	-0.103
30	037U30	-1.626	-1.527	-0.099
30	038U30	-1.591	-1.490	-0.101
30	040U30	-1.613	-1.512	-0.101
50	041B50	-1.604	-1.497	-0.107
50	042B50	-1.624	-1.519	-0.105
50	043B50	-1.607	-1.509	-0.099
50	044B50	-1.601	-1.496	-0.105
50	045B50	-1.632	-1.526	-0.106
50	047U50	-1.620	-1.508	-0.112
50	048U50	-1.637	-1.526	-0.111
50	049U50	-1.628	-1.513	-0.115
50	050U50	-1.637	-1.529	-0.108
50	051U50	-1.621	-1.512	-0.109
100	052B100	-1.635	-1.528	-0.108
100	053B100	-1.619	-1.505	-0.113
100	055B100	-1.607	-1.496	-0.111
100	056B100	-1.615	-1.509	-0.106
100	058B100	-1.617	-1.510	-0.107
100	059B100	-1.613	-1.500	-0.113
100	060B100	-1.624	-1.525	-0.100
100	061B100	-1.611	-1.500	-0.111
100	063B100	-1.632	-1.520	-0.112
100	064B100	-1.635	-1.525	-0.110
100	065B100	-1.603	-1.497	-0.106
100	066B100	-1.622	-1.521	-0.101
100	067B100	-1.599	-1.500	-0.099
100	068B100	-1.628	-1.522	-0.106
100	069B100	-1.625	-1.516	-0.109
100	070B100	-1.630	-1.524	-0.106
100	071B100	-1.630	-1.531	-0.100
100	072B100	-1.603	-1.499	-0.104
100	074B100	-1.626	-1.521	-0.105
100	076B100	-1.631	-1.523	-0.108
100	077B100	-1.620	-1.518	-0.101
100	078B100	-1.618	-1.500	-0.117
100	079U100	-1.609	-1.505	-0.105
100	080U100	-1.614	-1.502	-0.112
100	081U100	-1.625	-1.512	-0.113
100	082U100	-1.619	-1.505	-0.115
100	083U100	-1.611	-1.498	-0.113
	Max	-1.591	-1.490	-0.090
	Average	-1.617	-1.512	-0.105
	Min	-1.641	-1.538	-0.117
	Std Dev	0.011	0.012	0.006



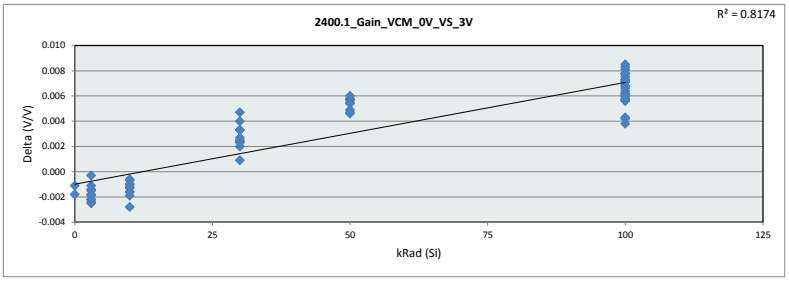
	2300.6_IQ_VEE_PD_1_3V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	-1.125	mA				
Min Limit	-5.875	mA				
kRad (Si)	0	3	10	30	50	100
LL	-5.875	-5.875	-5.875	-5.875	-5.875	-5.875
Min	-1.519	-1.535	-1.529	-1.538	-1.529	-1.531
Average	-1.518	-1.514	-1.512	-1.509	-1.513	-1.512
Max	-1.518	-1.493	-1.498	-1.490	-1.496	-1.496
UL	-1.125	-1.125	-1.125	-1.125	-1.125	-1.125



TID Report
LMH5401-SP HDR

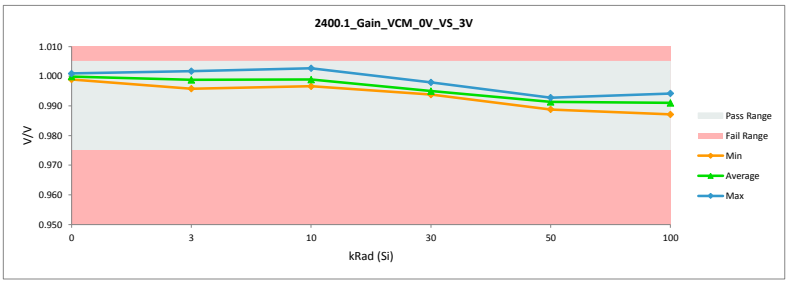
	2400.1_Gain_VCM_0V_VS_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V/V	V/V
Max Limit	1.005	1.005
Min Limit	0.975	0.975

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	0.997	0.999	-0.002
0	106C1	1.000	1.001	-0.001
3	018B3	0.999	1.000	-0.001
3	019B3	0.995	0.997	-0.002
3	020B3	0.997	0.998	-0.002
3	021B3	0.997	0.999	-0.002
3	022B3	0.994	0.996	-0.002
3	023U3	0.998	0.998	0.000
3	024U3	1.000	1.002	-0.001
3	025U3	0.995	0.997	-0.002
3	026U3	0.999	1.001	-0.002
3	027U3	0.995	0.997	-0.002
10	095B10	0.997	0.999	-0.002
10	096B10	0.999	1.000	-0.001
10	097B10	0.996	0.997	-0.001
10	098B10	0.997	0.999	-0.003
10	100B10	0.996	0.998	-0.002
10	101U10	1.000	1.000	-0.001
10	102U10	1.002	1.003	-0.001
10	103U10	0.996	0.997	-0.001
10	104U10	0.997	0.998	-0.001
10	105U10	0.995	0.997	-0.002
30	028B30	0.997	0.994	0.002
30	029B30	0.998	0.994	0.003
30	030B30	0.996	0.994	0.002
30	032B30	0.998	0.994	0.003
30	033B30	0.998	0.994	0.004
30	034U30	0.998	0.995	0.003
30	036U30	0.998	0.997	0.001
30	037U30	1.000	0.998	0.002
30	038U30	1.000	0.996	0.005
30	040U30	0.996	0.994	0.002
50	041B50	0.997	0.992	0.006
50	042B50	0.998	0.993	0.006
50	043B50	0.994	0.989	0.006
50	044B50	0.997	0.991	0.006
50	045B50	0.996	0.992	0.005
50	047U50	0.998	0.993	0.005
50	048U50	0.998	0.993	0.005
50	049U50	0.995	0.990	0.005
50	050U50	0.997	0.991	0.006
50	051U50	0.995	0.991	0.005
100	052B100	1.000	0.994	0.006
100	053B100	0.997	0.991	0.006
100	055B100	0.997	0.991	0.006
100	056B100	0.994	0.988	0.006
100	058B100	0.996	0.992	0.004
100	059B100	0.996	0.989	0.006
100	060B100	0.998	0.990	0.008
100	061B100	0.996	0.989	0.007
100	063B100	0.995	0.989	0.006
100	064B100	0.997	0.991	0.006
100	065B100	1.000	0.992	0.008
100	066B100	0.999	0.992	0.008
100	067B100	0.999	0.992	0.007
100	068B100	1.000	0.992	0.009
100	069B100	0.999	0.992	0.007
100	070B100	0.999	0.991	0.008
100	071B100	0.998	0.994	0.004
100	072B100	0.998	0.991	0.007
100	074B100	1.000	0.992	0.007
100	076B100	0.991	0.987	0.004
100	077B100	0.999	0.992	0.007
100	078B100	0.997	0.991	0.006
100	079U100	0.997	0.991	0.006
100	080U100	0.996	0.990	0.006
100	081U100	0.999	0.992	0.007
100	082U100	0.999	0.991	0.008
100	083U100	0.998	0.990	0.007
	Max	1.002	1.003	0.009
	Average	0.997	0.994	0.003
	Min	0.991	0.987	-0.003
	Std Dev	0.002	0.004	0.004



	2400.1_Gain_VCM_0V_VS_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.005	V/V
Min Limit	0.975	V/V

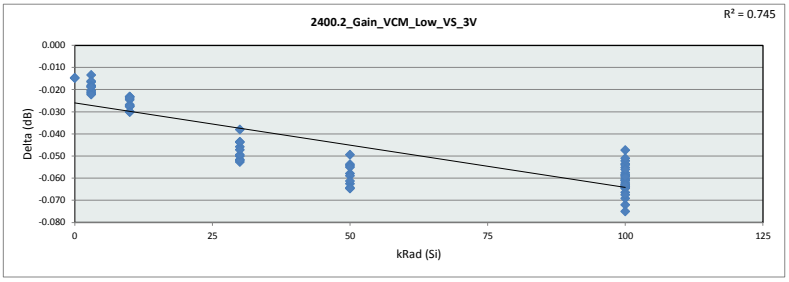
kRad (Si)	0	3	10	30	50	100
LL	0.975	0.975	0.975	0.975	0.975	0.975
Min	0.999	0.996	0.997	0.994	0.989	0.987
Average	1.000	0.999	0.999	0.995	0.991	0.991
Max	1.001	1.002	1.003	0.998	0.993	0.994
UL	1.005	1.005	1.005	1.005	1.005	1.005



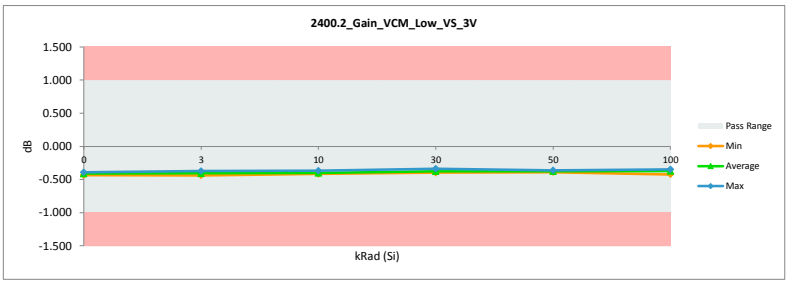
TID Report
LMH5401-SP HDR

	2400.2_Gain_VCM_Low_VS_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	0.99	0.99
Min Limit	-0.99	-0.99

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-0.449	-0.434	-0.015
0	106C1	-0.405	-0.391	-0.015
3	018B3	-0.410	-0.388	-0.021
3	019B3	-0.458	-0.437	-0.022
3	020B3	-0.439	-0.418	-0.021
3	021B3	-0.433	-0.410	-0.022
3	022B3	-0.445	-0.426	-0.019
3	023U3	-0.416	-0.399	-0.016
3	024U3	-0.393	-0.379	-0.013
3	025U3	-0.446	-0.430	-0.016
3	026U3	-0.391	-0.373	-0.018
3	027U3	-0.431	-0.412	-0.019
10	095B10	-0.421	-0.394	-0.027
10	096B10	-0.392	-0.368	-0.023
10	097B10	-0.436	-0.406	-0.030
10	098B10	-0.444	-0.417	-0.028
10	100B10	-0.439	-0.414	-0.025
10	101U10	-0.423	-0.396	-0.027
10	102U10	-0.399	-0.375	-0.023
10	103U10	-0.439	-0.415	-0.024
10	104U10	-0.424	-0.397	-0.028
10	105U10	-0.446	-0.416	-0.030
30	028B30	-0.429	-0.377	-0.053
30	029B30	-0.423	-0.371	-0.052
30	030B30	-0.428	-0.378	-0.050
30	032B30	-0.424	-0.372	-0.052
30	033B30	-0.412	-0.363	-0.049
30	034U30	-0.426	-0.382	-0.044
30	036U30	-0.443	-0.398	-0.046
30	037U30	-0.427	-0.383	-0.044
30	038U30	-0.377	-0.339	-0.038
30	040U30	-0.432	-0.385	-0.047
50	041B50	-0.420	-0.362	-0.058
50	042B50	-0.423	-0.369	-0.054
50	043B50	-0.442	-0.380	-0.063
50	044B50	-0.420	-0.361	-0.059
50	045B50	-0.442	-0.380	-0.061
50	047U50	-0.416	-0.366	-0.049
50	048U50	-0.431	-0.377	-0.054
50	049U50	-0.454	-0.389	-0.064
50	050U50	-0.432	-0.377	-0.055
50	051U50	-0.448	-0.384	-0.065
100	052B100	-0.434	-0.373	-0.061
100	053B100	-0.423	-0.365	-0.058
100	055B100	-0.426	-0.363	-0.063
100	056B100	-0.453	-0.381	-0.072
100	058B100	-0.454	-0.390	-0.064
100	059B100	-0.428	-0.364	-0.064
100	060B100	-0.437	-0.378	-0.059
100	061B100	-0.428	-0.366	-0.062
100	063B100	-0.459	-0.394	-0.065
100	064B100	-0.446	-0.382	-0.064
100	065B100	-0.401	-0.347	-0.053
100	066B100	-0.420	-0.372	-0.047
100	067B100	-0.410	-0.351	-0.059
100	068B100	-0.430	-0.375	-0.055
100	069B100	-0.415	-0.361	-0.054
100	070B100	-0.419	-0.366	-0.052
100	071B100	-0.442	-0.381	-0.061
100	072B100	-0.425	-0.365	-0.060
100	074B100	-0.427	-0.376	-0.051
100	076B100	-0.482	-0.423	-0.059
100	077B100	-0.428	-0.372	-0.056
100	078B100	-0.447	-0.383	-0.064
100	079U100	-0.428	-0.359	-0.069
100	080U100	-0.433	-0.358	-0.075
100	081U100	-0.422	-0.359	-0.063
100	082U100	-0.417	-0.350	-0.066
100	083U100	-0.422	-0.355	-0.068
	Max	-0.377	-0.339	-0.013
	Average	-0.429	-0.383	-0.046
	Min	-0.482	-0.437	-0.075
	Std Dev	0.018	0.022	0.018



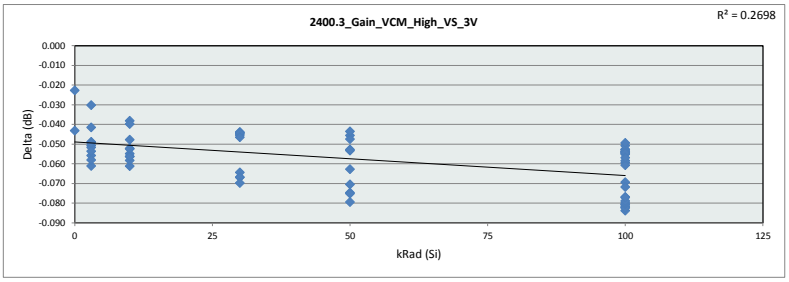
	2400.2_Gain_VCM_Low_VS_3V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	0.99	dB				
Min Limit	-0.99	dB				
kRad (Si)	0	3	10	30	50	100
LL	-0.990	-0.990	-0.990	-0.990	-0.990	-0.990
Min	-0.434	-0.437	-0.417	-0.398	-0.389	-0.423
Average	-0.412	-0.407	-0.400	-0.375	-0.375	-0.371
Max	-0.391	-0.373	-0.368	-0.339	-0.362	-0.347
UL	0.990	0.990	0.990	0.990	0.990	0.990



TID Report
LMH5401-SP HDR

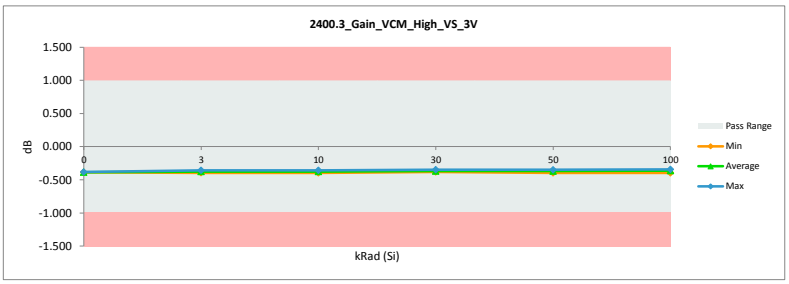
	2400.3_Gain_VCM_High_VS_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	0.99	0.99
Min Limit	-0.99	-0.99

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-0.431	-0.388	-0.043
0	106C1	-0.404	-0.382	-0.023
3	018B3	-0.420	-0.359	-0.061
3	019B3	-0.442	-0.392	-0.051
3	020B3	-0.435	-0.383	-0.052
3	021B3	-0.433	-0.377	-0.056
3	022B3	-0.425	-0.395	-0.030
3	023U3	-0.422	-0.368	-0.054
3	024U3	-0.410	-0.361	-0.049
3	025U3	-0.437	-0.388	-0.049
3	026U3	-0.415	-0.357	-0.058
3	027U3	-0.426	-0.384	-0.042
10	095B10	-0.423	-0.362	-0.061
10	096B10	-0.423	-0.364	-0.058
10	097B10	-0.427	-0.389	-0.038
10	098B10	-0.434	-0.379	-0.055
10	100B10	-0.435	-0.396	-0.040
10	101U10	-0.426	-0.369	-0.056
10	102U10	-0.413	-0.357	-0.056
10	103U10	-0.431	-0.384	-0.048
10	104U10	-0.431	-0.378	-0.052
10	105U10	-0.431	-0.378	-0.052
30	028B30	-0.426	-0.382	-0.044
30	029B30	-0.424	-0.380	-0.044
30	030B30	-0.424	-0.379	-0.045
30	032B30	-0.419	-0.374	-0.045
30	033B30	-0.418	-0.373	-0.044
30	034U30	-0.425	-0.358	-0.067
30	036U30	-0.435	-0.371	-0.064
30	037U30	-0.429	-0.362	-0.067
30	038U30	-0.394	-0.347	-0.046
30	040U30	-0.428	-0.358	-0.070
50	041B50	-0.418	-0.365	-0.053
50	042B50	-0.428	-0.349	-0.079
50	043B50	-0.429	-0.384	-0.046
50	044B50	-0.424	-0.376	-0.047
50	045B50	-0.435	-0.372	-0.063
50	047U50	-0.417	-0.365	-0.053
50	048U50	-0.435	-0.364	-0.071
50	049U50	-0.433	-0.358	-0.075
50	050U50	-0.436	-0.360	-0.075
50	051U50	-0.440	-0.396	-0.044
100	052B100	-0.435	-0.352	-0.084
100	053B100	-0.428	-0.347	-0.082
100	055B100	-0.420	-0.367	-0.053
100	056B100	-0.433	-0.378	-0.055
100	058B100	-0.431	-0.378	-0.053
100	059B100	-0.427	-0.373	-0.054
100	060B100	-0.431	-0.349	-0.082
100	061B100	-0.426	-0.373	-0.054
100	063B100	-0.435	-0.381	-0.054
100	064B100	-0.434	-0.379	-0.055
100	065B100	-0.421	-0.362	-0.060
100	066B100	-0.431	-0.350	-0.081
100	067B100	-0.419	-0.366	-0.054
100	068B100	-0.426	-0.343	-0.082
100	069B100	-0.417	-0.348	-0.069
100	070B100	-0.425	-0.353	-0.072
100	071B100	-0.430	-0.349	-0.081
100	072B100	-0.418	-0.359	-0.058
100	074B100	-0.428	-0.348	-0.080
100	076B100	-0.446	-0.395	-0.051
100	077B100	-0.429	-0.368	-0.061
100	078B100	-0.434	-0.379	-0.055
100	079U100	-0.426	-0.347	-0.079
100	080U100	-0.421	-0.364	-0.057
100	081U100	-0.426	-0.349	-0.077
100	082U100	-0.424	-0.374	-0.049
100	083U100	-0.426	-0.349	-0.077
	Max	-0.394	-0.343	-0.023
	Average	-0.427	-0.369	-0.058
	Min	-0.446	-0.396	-0.084
	Std Dev	0.009	0.014	0.014



	2400.3_Gain_VCM_High_VS_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	0.99	dB
Min Limit	-0.99	dB

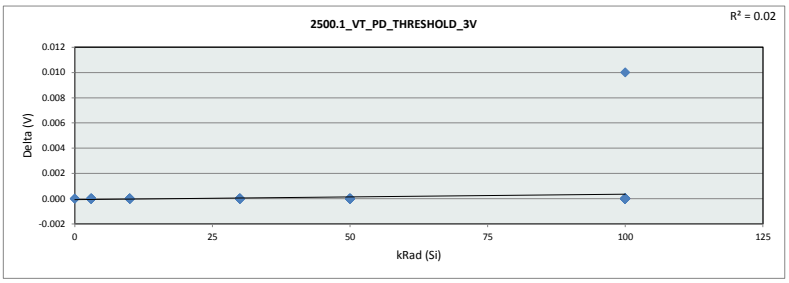
kRad (Si)	0	3	10	30	50	100
LL	-0.990	-0.990	-0.990	-0.990	-0.990	-0.990
Min	-0.388	-0.395	-0.396	-0.382	-0.396	-0.395
Average	-0.385	-0.376	-0.376	-0.368	-0.369	-0.362
Max	-0.382	-0.357	-0.357	-0.347	-0.349	-0.343
UL	0.990	0.990	0.990	0.990	0.990	0.990



TID Report
LMH5401-SP HDR

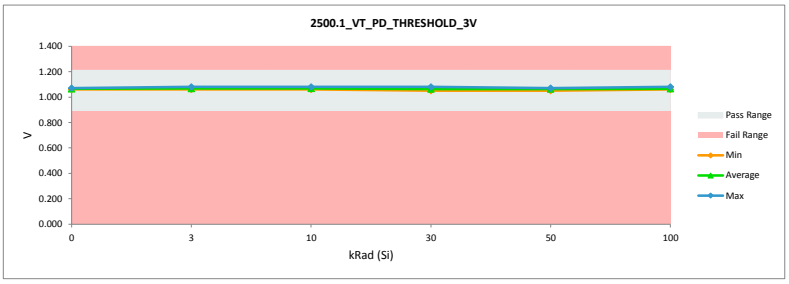
	2500.1_VT_PD_THRESHOLD_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.21	1.21
Min Limit	0.89	0.89

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	1.060	1.060	0.000
0	106C1	1.070	1.070	0.000
3	018B3	1.070	1.070	0.000
3	019B3	1.070	1.070	0.000
3	020B3	1.070	1.070	0.000
3	021B3	1.080	1.080	0.000
3	022B3	1.070	1.070	0.000
3	023U3	1.060	1.060	0.000
3	024U3	1.060	1.060	0.000
3	025U3	1.070	1.070	0.000
3	026U3	1.060	1.060	0.000
3	027U3	1.070	1.070	0.000
10	095B10	1.070	1.070	0.000
10	096B10	1.070	1.070	0.000
10	097B10	1.060	1.060	0.000
10	098B10	1.070	1.070	0.000
10	100B10	1.080	1.080	0.000
10	101U10	1.070	1.070	0.000
10	102U10	1.070	1.070	0.000
10	103U10	1.070	1.070	0.000
10	104U10	1.060	1.060	0.000
10	105U10	1.070	1.070	0.000
30	028B30	1.070	1.070	0.000
30	029B30	1.070	1.070	0.000
30	030B30	1.060	1.060	0.000
30	032B30	1.050	1.050	0.000
30	033B30	1.060	1.060	0.000
30	034U30	1.070	1.070	0.000
30	036U30	1.080	1.080	0.000
30	037U30	1.080	1.080	0.000
30	038U30	1.050	1.050	0.000
30	040U30	1.050	1.050	0.000
50	041B50	1.060	1.060	0.000
50	042B50	1.060	1.060	0.000
50	043B50	1.050	1.050	0.000
50	044B50	1.060	1.060	0.000
50	045B50	1.070	1.070	0.000
50	047U50	1.070	1.070	0.000
50	048U50	1.070	1.070	0.000
50	049U50	1.060	1.060	0.000
50	050U50	1.070	1.070	0.000
50	051U50	1.070	1.070	0.000
100	052B100	1.070	1.070	0.000
100	053B100	1.070	1.070	0.000
100	055B100	1.060	1.060	0.000
100	056B100	1.060	1.060	0.000
100	058B100	1.060	1.060	0.000
100	059B100	1.070	1.070	0.000
100	060B100	1.070	1.070	0.000
100	061B100	1.070	1.070	0.000
100	063B100	1.070	1.070	0.000
100	064B100	1.080	1.070	0.010
100	065B100	1.070	1.070	0.000
100	066B100	1.070	1.070	0.000
100	067B100	1.060	1.060	0.000
100	068B100	1.070	1.070	0.000
100	069B100	1.060	1.060	0.000
100	070B100	1.070	1.070	0.000
100	071B100	1.080	1.080	0.000
100	072B100	1.060	1.060	0.000
100	074B100	1.070	1.070	0.000
100	076B100	1.070	1.070	0.000
100	077B100	1.070	1.070	0.000
100	078B100	1.060	1.060	0.000
100	079U100	1.060	1.060	0.000
100	080U100	1.060	1.060	0.000
100	081U100	1.070	1.070	0.000
100	082U100	1.070	1.070	0.000
100	083U100	1.060	1.060	0.000
	Max	1.080	1.080	0.010
	Average	1.067	1.066	0.000
	Min	1.050	1.050	0.000
	Std Dev	0.007	0.007	0.001



	2500.1_VT_PD_THRESHOLD_3	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	1.21	V
Min Limit	0.89	V

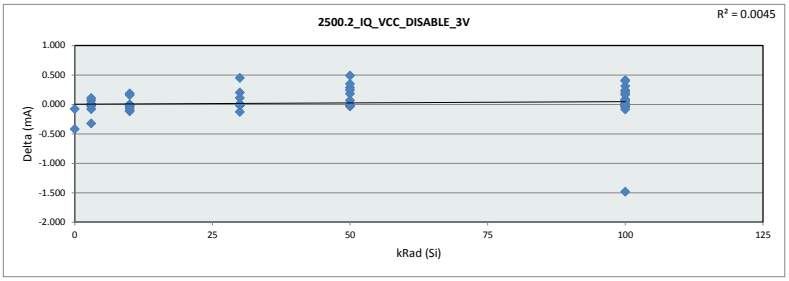
kRad (Si)	0	3	10	30	50	100
LL	0.890	0.890	0.890	0.890	0.890	0.890
Min	1.060	1.060	1.060	1.050	1.050	1.060
Average	1.065	1.068	1.069	1.064	1.064	1.067
Max	1.070	1.080	1.080	1.080	1.070	1.080
UL	1.210	1.210	1.210	1.210	1.210	1.210



TID Report
LMH5401-SP HDR

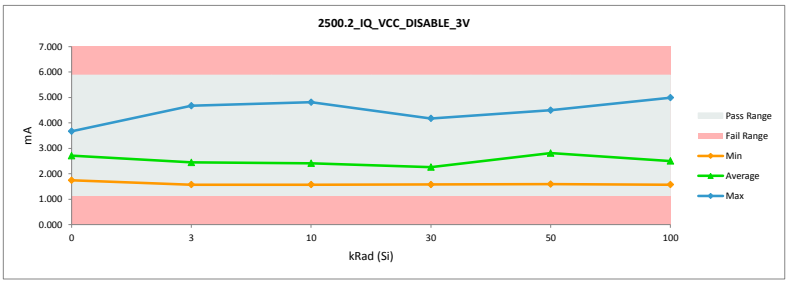
	2500.2_IQ_VCC_DISABLE_3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	5.875	5.875
Min Limit	1.125	1.125

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	3.252	3.670	-0.418
0	106C1	1.666	1.744	-0.079
3	018B3	1.632	1.714	-0.082
3	019B3	2.426	2.431	-0.005
3	020B3	4.644	4.673	-0.029
3	021B3	1.592	1.600	-0.007
3	022B3	1.652	1.642	0.010
3	023U3	2.591	2.598	-0.006
3	024U3	3.484	3.806	-0.323
3	025U3	1.854	1.785	0.068
3	026U3	2.732	2.625	0.107
3	027U3	1.566	1.572	-0.006
10	095B10	1.649	1.766	-0.117
10	096B10	1.567	1.571	-0.004
10	097B10	2.541	2.642	-0.101
10	098B10	1.598	1.600	-0.002
10	100B10	2.766	2.783	-0.016
10	101U10	3.522	3.337	0.185
10	102U10	2.037	1.879	0.158
10	103U10	2.073	2.138	-0.066
10	104U10	4.780	4.814	-0.034
10	105U10	1.585	1.594	-0.009
30	028B30	1.569	1.575	-0.006
30	029B30	1.569	1.576	-0.007
30	030B30	1.570	1.575	-0.005
30	032B30	4.379	4.178	0.200
30	033B30	1.738	1.730	0.007
30	034U30	1.685	1.813	-0.128
30	036U30	1.903	1.919	-0.017
30	037U30	1.596	1.602	-0.007
30	038U30	2.955	2.846	0.109
30	040U30	4.262	3.812	0.450
50	041B50	2.859	2.678	0.182
50	042B50	2.342	2.374	-0.032
50	043B50	4.564	4.495	0.069
50	044B50	4.403	4.119	0.284
50	045B50	2.829	2.585	0.244
50	047U50	1.583	1.589	-0.006
50	048U50	4.062	3.574	0.488
50	049U50	3.546	3.199	0.347
50	050U50	1.903	1.933	-0.030
50	051U50	1.584	1.591	-0.007
100	052B100	5.000	4.995	0.005
100	053B100	1.580	1.585	-0.005
100	055B100	1.569	1.575	-0.005
100	056B100	4.520	4.280	0.240
100	058B100	2.457	2.374	0.083
100	059B100	1.565	1.571	-0.006
100	060B100	2.096	2.096	0.000
100	061B100	1.563	1.571	-0.007
100	063B100	1.589	1.594	-0.005
100	064B100	1.594	3.078	-1.483
100	065B100	2.154	2.238	-0.085
100	066B100	2.047	1.986	0.060
100	067B100	1.577	1.576	0.000
100	068B100	1.674	1.591	0.083
100	069B100	3.085	2.921	0.164
100	070B100	3.926	3.616	0.310
100	071B100	1.596	1.601	-0.005
100	072B100	1.566	1.572	-0.006
100	074B100	3.330	2.919	0.411
100	076B100	3.121	2.895	0.225
100	077B100	1.880	1.863	0.017
100	078B100	4.805	4.842	-0.037
100	079U100	1.689	1.738	-0.050
100	080U100	1.571	1.576	-0.006
100	081U100	1.585	1.591	-0.006
100	082U100	4.230	3.831	0.400
100	083U100	4.627	4.440	0.187
	Max	5.000	4.995	0.488
	Average	2.523	2.497	0.027
	Min	1.563	1.571	-1.483
	Std Dev	1.112	1.047	0.242



	2500.2_IQ_VCC_DISABLE_3V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	5.875	mA
Min Limit	1.125	mA

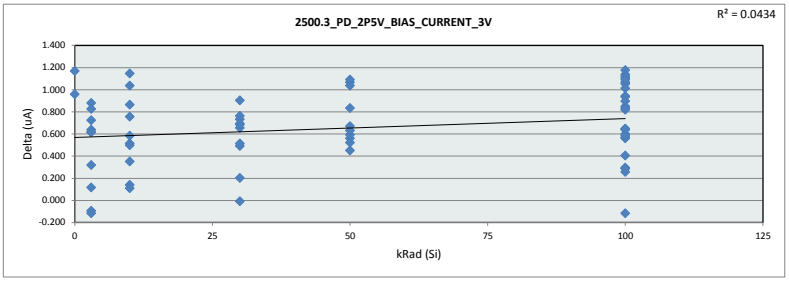
kRad (Si)	0	3	10	30	50	100
LL	1.125	1.125	1.125	1.125	1.125	1.125
Min	1.744	1.572	1.571	1.575	1.589	1.571
Average	2.707	2.445	2.412	2.263	2.814	2.501
Max	3.670	4.673	4.814	4.178	4.495	4.995
UL	5.875	5.875	5.875	5.875	5.875	5.875



TID Report
LMH5401-SP HDR

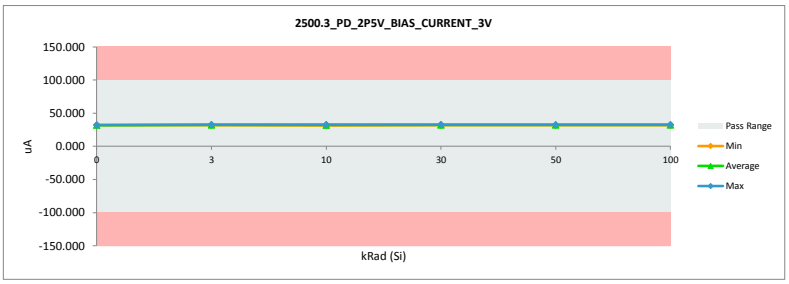
	2500.3_PD_2P5V_BIAS_CURREN	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	99	99
Min Limit	-99	-99

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	33.078	32.120	0.958
0	106C1	33.047	31.878	1.168
3	018B3	32.439	31.824	0.615
3	019B3	32.642	32.736	-0.094
3	020B3	32.618	32.736	-0.117
3	021B3	32.712	32.596	0.116
3	022B3	32.829	32.510	0.319
3	023U3	32.509	31.785	0.725
3	024U3	32.844	31.964	0.880
3	025U3	32.774	32.136	0.639
3	026U3	32.494	31.668	0.826
3	027U3	32.556	31.941	0.615
10	095B10	32.541	31.956	0.584
10	096B10	32.548	31.684	0.865
10	097B10	32.774	32.260	0.514
10	098B10	32.798	32.658	0.140
10	100B10	32.735	31.980	0.755
10	101U10	32.377	32.268	0.109
10	102U10	32.712	31.567	1.145
10	103U10	32.992	31.956	1.036
10	104U10	32.782	32.432	0.350
10	105U10	32.704	32.206	0.498
30	028B30	32.696	32.042	0.654
30	029B30	32.595	31.910	0.686
30	030B30	32.735	32.533	0.202
30	032B30	32.525	32.034	0.491
30	033B30	32.704	32.011	0.693
30	034U30	32.946	32.214	0.732
30	036U30	33.039	32.276	0.763
30	037U30	32.673	32.681	-0.008
30	038U30	32.689	31.785	0.904
30	040U30	33.156	32.642	0.513
50	041B50	33.242	32.175	1.067
50	042B50	32.907	32.346	0.560
50	043B50	32.735	32.214	0.522
50	044B50	32.432	31.761	0.670
50	045B50	33.008	32.557	0.451
50	047U50	32.938	32.104	0.833
50	048U50	33.070	31.980	1.090
50	049U50	32.914	32.323	0.592
50	050U50	32.985	31.949	1.036
50	051U50	32.782	32.151	0.631
100	052B100	33.156	32.214	0.942
100	053B100	32.969	32.409	0.560
100	055B100	32.992	32.058	0.935
100	056B100	32.533	32.237	0.296
100	058B100	32.743	32.486	0.257
100	059B100	33.016	32.447	0.568
100	060B100	33.428	32.580	0.848
100	061B100	32.766	32.128	0.639
100	063B100	32.728	32.128	0.600
100	064B100	32.938	32.042	0.896
100	065B100	32.463	32.175	0.288
100	066B100	32.766	32.120	0.646
100	067B100	32.330	31.925	0.405
100	068B100	32.728	32.144	0.584
100	069B100	32.868	31.761	1.106
100	070B100	33.242	32.190	1.051
100	071B100	33.389	32.214	1.176
100	072B100	32.852	31.715	1.137
100	074B100	32.587	32.299	0.288
100	076B100	33.093	32.260	0.833
100	077B100	33.039	31.917	1.122
100	078B100	33.132	32.065	1.067
100	079U100	32.938	31.847	1.091
100	080U100	32.439	32.557	-0.117
100	081U100	32.603	31.785	0.818
100	082U100	32.533	31.886	0.647
100	083U100	32.829	31.816	1.013
	Max	33.428	32.736	1.176
	Average	32.803	32.144	0.658
	Min	32.330	31.567	-0.117
	Std Dev	0.243	0.287	0.336



	2500.3_PD_2P5V_BIAS_CURRE	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	99	uA
Min Limit	-99	uA

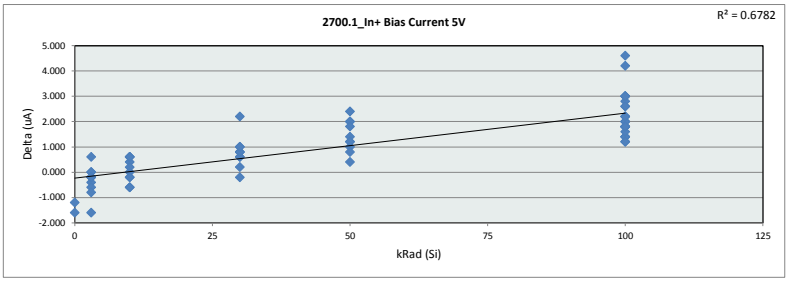
kRad (Si)	0	3	10	30	50	100
LL	-99.000	-99.000	-99.000	-99.000	-99.000	-99.000
Min	31.878	31.668	31.567	31.785	31.762	31.715
Average	31.999	32.189	32.097	32.213	32.156	32.126
Max	32.120	32.736	32.658	32.681	32.557	32.580
UL	99.000	99.000	99.000	99.000	99.000	99.000



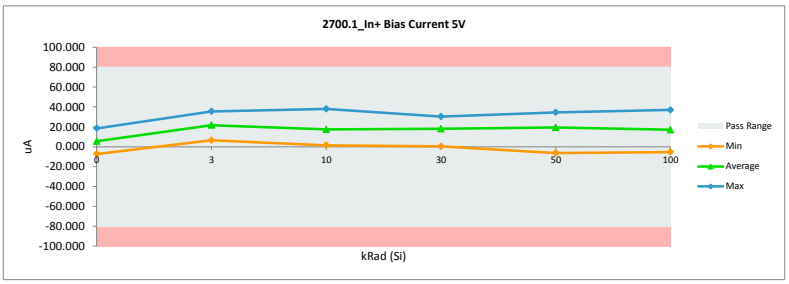
TID Report
LMH5401-SP HDR

	2700.1_In+ Bias Current 5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	80	80
Min Limit	-80	-80

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	16.921	18.523	-1.602
0	106C1	-8.511	-7.309	-1.202
3	018B3	19.925	19.925	0.000
3	019B3	33.942	35.544	-1.602
3	020B3	15.119	15.119	0.000
3	021B3	19.124	18.523	0.601
3	022B3	20.325	20.526	-0.201
3	023U3	27.334	27.735	-0.401
3	024U3	5.907	6.508	-0.601
3	025U3	31.539	32.340	-0.801
3	026U3	8.711	8.911	-0.200
3	027U3	32.140	32.340	-0.200
10	095B10	25.332	24.931	0.401
10	096B10	10.113	10.713	-0.600
10	097B10	38.548	37.947	0.601
10	098B10	22.929	22.328	0.601
10	100B10	11.514	11.715	-0.201
10	101U10	21.126	21.126	0.000
10	102U10	10.713	10.513	0.200
10	103U10	7.109	7.710	-0.601
10	104U10	1.302	1.502	-0.200
10	105U10	27.134	26.533	0.601
30	028B30	32.541	30.338	2.203
30	029B30	30.939	29.937	1.002
30	030B30	26.733	25.932	0.801
30	032B30	26.934	26.733	0.201
30	033B30	24.731	23.930	0.801
30	034U30	2.703	2.904	-0.201
30	036U30	12.716	12.115	0.601
30	037U30	5.507	4.906	0.601
30	038U30	1.302	0.501	0.801
30	040U30	23.930	22.929	1.001
50	041B50	24.731	23.730	1.001
50	042B50	13.517	12.115	1.402
50	043B50	36.546	34.543	2.003
50	044B50	29.337	28.135	1.202
50	045B50	19.324	16.921	2.403
50	047U50	-4.305	-6.308	2.003
50	048U50	11.715	9.912	1.803
50	049U50	30.338	29.136	1.202
50	050U50	11.715	11.314	0.401
50	051U50	34.743	33.942	0.801
100	052B100	12.716	10.713	2.003
100	053B100	2.703	-1.502	4.205
100	055B100	31.139	29.337	1.802
100	056B100	41.552	36.946	4.606
100	058B100	22.929	19.925	3.004
100	059B100	34.743	31.740	3.003
100	060B100	6.308	4.105	2.203
100	061B100	33.542	32.340	1.202
100	063B100	35.945	34.143	1.802
100	064B100	23.329	20.726	2.603
100	065B100	8.911	7.109	1.802
100	066B100	2.904	1.502	1.402
100	067B100	23.930	21.126	2.804
100	068B100	1.702	-0.501	2.203
100	069B100	-1.902	-3.905	2.003
100	070B100	-2.303	-5.307	3.004
100	071B100	15.319	12.315	3.004
100	072B100	23.329	21.927	1.402
100	074B100	2.703	0.701	2.002
100	076B100	33.942	32.541	1.401
100	077B100	16.721	14.919	1.802
100	078B100	32.140	29.537	2.603
100	079U100	26.533	24.330	2.203
100	080U100	27.735	26.133	1.602
100	081U100	16.320	14.518	1.802
100	082U100	20.526	19.324	1.202
100	083U100	25.932	24.130	1.802
	Max	41.552	37.947	4.606
	Average	19.034	17.917	1.117
	Min	-8.511	-7.309	-1.602
	Std Dev	12.140	12.081	1.279



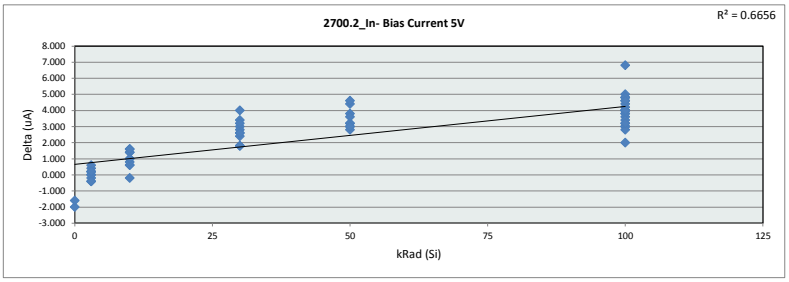
	2700.1_In+ Bias Current 5V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	80	uA				
Min Limit	-80	uA				
kRad (Si)	0	3	10	30	50	100
LL	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000
Min	-7.309	6.508	1.502	0.501	-6.308	-5.307
Average	5.607	21.747	17.502	18.023	19.344	16.995
Max	18.523	35.544	37.947	30.338	34.543	36.946
UL	80.000	80.000	80.000	80.000	80.000	80.000



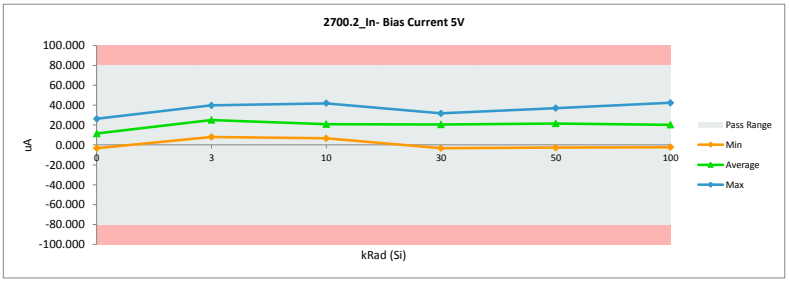
TID Report
LMH5401-SP HDR

	2700.2_In- Bias Current 5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	80	80
Min Limit	-80	-80

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	24.330	26.333	-2.003
0	106C1	-4.906	-3.304	-1.602
3	018B3	20.526	20.125	0.401
3	019B3	39.349	39.750	-0.401
3	020B3	19.925	20.125	-0.200
3	021B3	25.131	24.531	0.600
3	022B3	26.733	26.533	0.200
3	023U3	29.537	29.537	0.000
3	024U3	8.110	8.110	0.000
3	025U3	37.547	37.347	0.200
3	026U3	8.511	8.310	0.201
3	027U3	37.146	37.547	-0.401
10	095B10	30.138	28.536	1.602
10	096B10	9.312	8.711	0.601
10	097B10	43.354	41.952	1.402
10	098B10	28.536	27.134	1.402
10	100B10	16.721	16.120	0.601
10	101U10	23.730	22.929	0.801
10	102U10	9.712	8.711	1.001
10	103U10	15.720	15.920	-0.200
10	104U10	7.710	6.708	1.002
10	105U10	34.343	32.741	1.602
30	028B30	35.144	31.740	3.404
30	029B30	32.941	28.936	4.005
30	030B30	32.941	29.937	3.004
30	032B30	33.742	30.939	2.803
30	033B30	27.935	25.532	2.403
30	034U30	12.516	10.713	1.803
30	036U30	18.323	16.521	1.802
30	037U30	10.513	7.910	2.603
30	038U30	-0.100	-3.304	3.204
30	040U30	28.936	26.333	2.603
50	041B50	29.737	26.733	3.004
50	042B50	17.121	13.917	3.204
50	043B50	40.350	37.146	3.204
50	044B50	32.140	28.335	3.805
50	045B50	23.529	19.124	4.405
50	047U50	1.902	-2.703	4.605
50	048U50	15.119	11.514	3.605
50	049U50	37.347	34.343	3.004
50	050U50	17.722	14.919	2.803
50	051U50	35.745	32.741	3.004
100	052B100	14.518	10.914	3.604
100	053B100	10.313	5.307	5.006
100	055B100	35.945	32.140	3.805
100	056B100	49.161	42.353	6.808
100	058B100	32.340	28.135	4.205
100	059B100	37.547	34.543	3.004
100	060B100	16.521	12.516	4.005
100	061B100	37.947	35.945	2.002
100	063B100	44.355	41.352	3.003
100	064B100	27.534	23.529	4.005
100	065B100	9.111	4.506	4.605
100	066B100	8.711	4.706	4.005
100	067B100	24.531	21.327	3.204
100	068B100	8.711	4.906	3.805
100	069B100	1.902	-2.103	4.005
100	070B100	3.504	-1.302	4.806
100	071B100	20.926	16.921	4.005
100	072B100	30.738	27.735	3.003
100	074B100	7.910	4.506	3.404
100	076B100	43.755	40.951	2.804
100	077B100	21.727	18.523	3.204
100	078B100	36.946	32.941	4.005
100	079U100	29.337	24.531	4.806
100	080U100	35.945	31.940	4.005
100	081U100	18.523	14.118	4.405
100	082U100	21.727	16.921	4.806
100	083U100	27.134	22.528	4.606
	Max	49.161	42.353	6.808
	Average	23.654	21.103	2.551
	Min	-4.906	-3.304	-2.003
	Std Dev	12.534	12.527	1.801



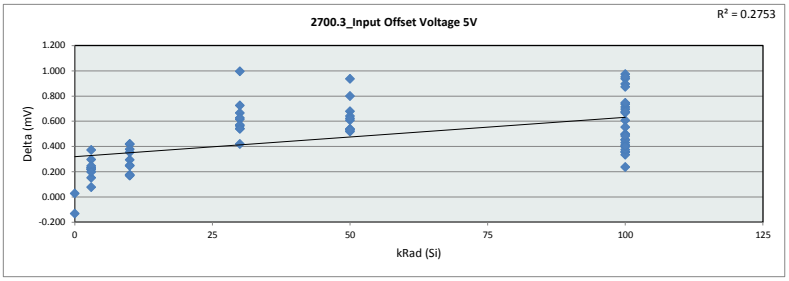
	2700.2_In- Bias Current 5V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	80	uA				
Min Limit	-80	uA				
kRad (Si)	0	3	10	30	50	100
LL	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000
Min	-3.304	8.110	6.708	-3.304	-2.703	-2.103
Average	11.515	25.192	20.946	20.526	21.607	20.385
Max	26.333	39.750	41.952	31.740	37.146	42.353
UL	80.000	80.000	80.000	80.000	80.000	80.000



TID Report
LMH5401-SP HDR

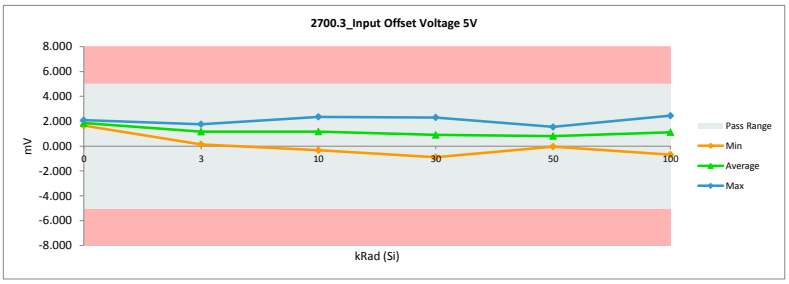
	2700.3_Input Offset Voltage 5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	5	5
Min Limit	-5	-5

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	1.957	2.089	-0.132
0	106C1	1.670	1.643	0.027
3	018B3	0.586	0.214	0.372
3	019B3	1.858	1.639	0.219
3	020B3	1.650	1.354	0.296
3	021B3	1.869	1.651	0.218
3	022B3	1.974	1.743	0.230
3	023U3	1.048	0.897	0.152
3	024U3	0.707	0.475	0.232
3	025U3	2.012	1.767	0.245
3	026U3	0.342	0.144	0.198
3	027U3	1.786	1.708	0.078
10	095B10	1.472	1.295	0.176
10	096B10	0.089	-0.329	0.418
10	097B10	1.628	1.209	0.419
10	098B10	1.889	1.595	0.294
10	100B10	1.752	1.502	0.251
10	101U10	0.849	0.677	0.172
10	102U10	0.044	-0.335	0.379
10	103U10	2.521	2.352	0.169
10	104U10	2.101	1.855	0.246
10	105U10	2.279	1.925	0.354
30	028B30	1.197	0.581	0.616
30	029B30	0.818	0.153	0.665
30	030B30	1.843	1.280	0.563
30	032B30	2.174	1.634	0.541
30	033B30	1.266	0.639	0.627
30	034U30	2.874	2.304	0.570
30	036U30	1.821	1.402	0.419
30	037U30	1.534	0.809	0.725
30	038U30	0.110	-0.886	0.996
30	040U30	1.627	1.086	0.540
50	041B50	1.737	1.198	0.539
50	042B50	1.352	0.673	0.678
50	043B50	1.543	1.025	0.518
50	044B50	0.856	0.320	0.537
50	045B50	1.315	0.785	0.530
50	047U50	1.938	1.002	0.936
50	048U50	1.018	0.219	0.799
50	049U50	2.154	1.546	0.608
50	050U50	1.985	1.344	0.641
50	051U50	0.583	-0.039	0.623
100	052B100	0.823	0.324	0.499
100	053B100	2.659	2.053	0.607
100	055B100	1.595	1.184	0.411
100	056B100	2.506	1.569	0.937
100	058B100	2.741	2.289	0.452
100	059B100	1.255	0.825	0.431
100	060B100	2.843	2.445	0.398
100	061B100	1.573	1.216	0.357
100	063B100	2.444	2.089	0.355
100	064B100	1.380	1.046	0.334
100	065B100	0.032	-0.682	0.713
100	066B100	1.905	1.237	0.668
100	067B100	0.334	-0.120	0.454
100	068B100	2.241	1.745	0.495
100	069B100	1.747	1.051	0.696
100	070B100	2.013	1.278	0.735
100	071B100	1.933	1.696	0.236
100	072B100	2.388	2.014	0.374
100	074B100	1.762	1.280	0.482
100	076B100	2.832	2.156	0.676
100	077B100	1.706	1.153	0.553
100	078B100	1.660	1.258	0.402
100	079U100	1.043	0.147	0.896
100	080U100	2.478	1.732	0.746
100	081U100	0.986	0.012	0.974
100	082U100	0.600	-0.352	0.952
100	083U100	0.379	-0.493	0.873
	Max	2.874	2.445	0.996
	Average	1.561	1.077	0.484
	Min	0.032	-0.886	-0.132
	Std Dev	0.730	0.804	0.245



	2700.3_Input Offset Voltage 5V	
Test Site	Dallas	
Tester	ETS-364	
Test Number	EF868301	
Max Limit	5	mV
Min Limit	-5	mV

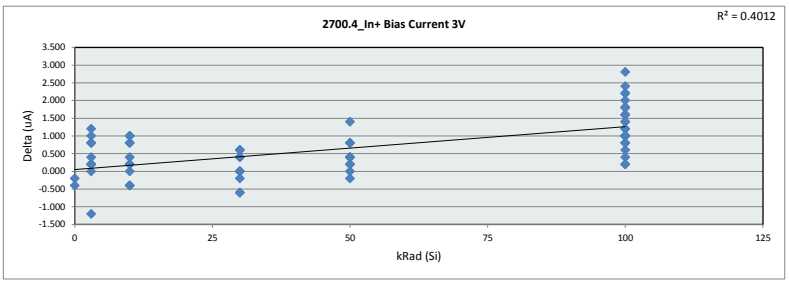
kRad (Si)	0	3	10	30	50	100
LL	-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min	1.643	0.144	-0.335	-0.886	-0.039	-0.682
Average	1.866	1.159	1.175	0.900	0.807	1.117
Max	2.089	1.767	2.352	2.304	1.546	2.445
UL	5.000	5.000	5.000	5.000	5.000	5.000



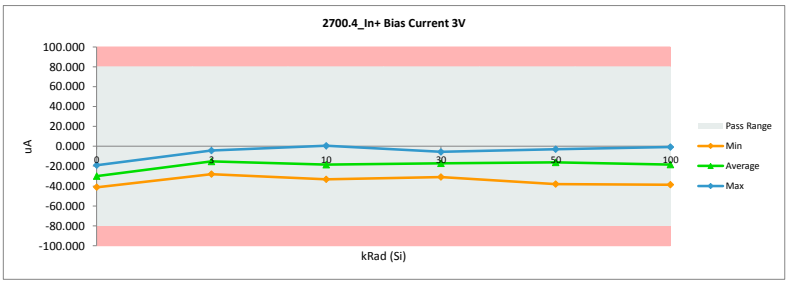
TID Report
LMH5401-SP HDR

	2700.4_In+ Bias Current 3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	80	80
Min Limit	-80	-80

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-19.324	-18.924	-0.400
0	106C1	-41.352	-41.151	-0.201
3	018B3	-15.720	-15.720	0.000
3	019B3	-5.507	-4.305	-1.202
3	020B3	-21.927	-22.128	0.201
3	021B3	-17.922	-19.124	1.202
3	022B3	-15.920	-16.120	0.200
3	023U3	-8.310	-9.111	0.801
3	024U3	-27.735	-27.935	0.200
3	025U3	-7.109	-7.910	0.801
3	026U3	-24.931	-25.332	0.401
3	027U3	-4.906	-5.907	1.001
10	095B10	-10.914	-11.915	1.001
10	096B10	-22.929	-23.129	0.200
10	097B10	0.100	0.501	-0.401
10	098B10	-15.119	-14.718	-0.401
10	100B10	-24.531	-24.531	0.000
10	101U10	-14.919	-15.319	0.400
10	102U10	-23.129	-24.130	1.001
10	103U10	-27.735	-27.935	0.200
10	104U10	-32.340	-33.141	0.801
10	105U10	-10.713	-11.514	0.801
30	028B30	-5.106	-5.707	0.601
30	029B30	-5.307	-5.707	0.400
30	030B30	-9.912	-9.912	0.000
30	032B30	-9.111	-8.911	-0.200
30	033B30	-10.914	-10.914	0.000
30	034U30	-31.539	-30.939	-0.600
30	036U30	-24.531	-24.931	0.400
30	037U30	-29.737	-30.338	0.601
30	038U30	-31.339	-30.738	-0.601
30	040U30	-13.116	-13.116	0.000
50	041B50	-11.514	-11.514	0.000
50	042B50	-21.527	-22.328	0.801
50	043B50	-2.103	-2.904	0.801
50	044B50	-6.708	-6.909	0.201
50	045B50	-17.922	-19.324	1.402
50	047U50	-37.547	-37.947	0.400
50	048U50	-24.931	-25.131	0.200
50	049U50	-8.310	-8.711	0.401
50	050U50	-23.930	-23.730	-0.200
50	051U50	-3.705	-4.105	0.400
100	052B100	-24.130	-25.131	1.001
100	053B100	-32.140	-34.543	2.403
100	055B100	-5.907	-6.909	1.002
100	056B100	2.103	-0.701	2.804
100	058B100	-14.118	-15.720	1.602
100	059B100	-2.703	-4.506	1.803
100	060B100	-29.136	-30.939	1.803
100	061B100	-3.504	-4.305	0.801
100	063B100	-3.104	-4.305	1.201
100	064B100	-13.917	-16.120	2.203
100	065B100	-24.731	-26.133	1.402
100	066B100	-30.939	-31.940	1.001
100	067B100	-11.715	-13.317	1.602
100	068B100	-32.541	-33.742	1.201
100	069B100	-36.145	-36.345	0.200
100	070B100	-36.946	-38.548	1.602
100	071B100	-21.727	-23.730	2.003
100	072B100	-12.516	-13.917	1.401
100	074B100	-32.340	-33.342	1.002
100	076B100	-5.106	-5.907	0.801
100	077B100	-19.725	-21.527	1.802
100	078B100	-5.907	-8.110	2.203
100	079U100	-9.712	-10.113	0.401
100	080U100	-9.111	-9.312	0.201
100	081U100	-19.524	-20.526	1.002
100	082U100	-14.718	-15.720	1.002
100	083U100	-11.114	-11.715	0.601
	Max	2.103	0.501	2.804
	Average	-17.142	-17.832	0.691
	Min	-41.352	-41.151	-1.202
	Std Dev	10.756	10.731	0.784



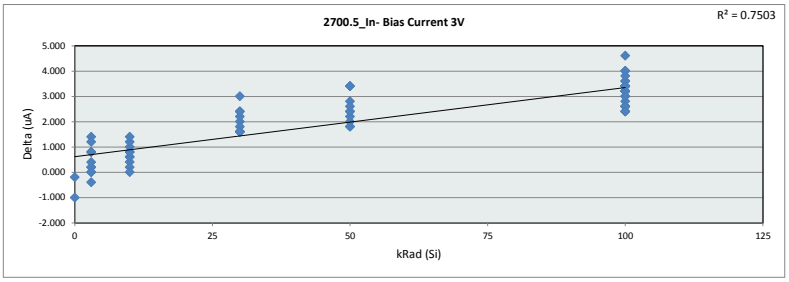
	2700.4_In+ Bias Current 3V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	80	uA				
Min Limit	-80	uA				
kRad (Si)	0	3	10	30	50	100
LL	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000
Min	-41.151	-27.935	-33.141	-30.939	-37.947	-38.548
Average	-30.038	-15.359	-18.583	-17.121	-16.260	-18.412
Max	-18.924	-4.305	0.501	-5.707	-2.904	-0.701
UL	80.000	80.000	80.000	80.000	80.000	80.000



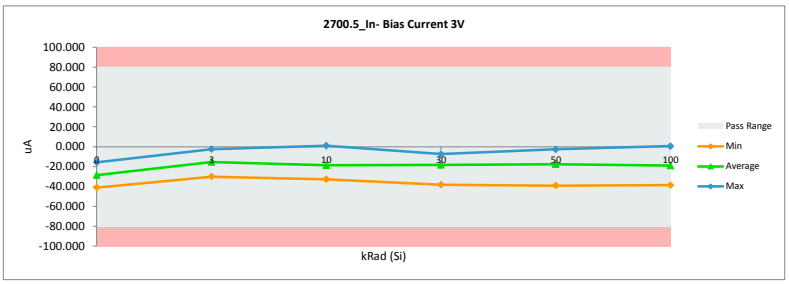
TID Report
LMH5401-SP HDR

	2700.5_In- Bias Current 3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	80	80
Min Limit	-80	-80

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-16.120	-15.920	-0.200
0	106C1	-42.153	-41.151	-1.002
3	018B3	-18.924	-19.124	0.200
3	019B3	-2.503	-2.503	0.000
3	020B3	-20.526	-20.726	0.200
3	021B3	-15.119	-16.521	1.402
3	022B3	-14.318	-15.519	1.201
3	023U3	-10.713	-10.713	0.000
3	024U3	-30.538	-30.138	-0.400
3	025U3	-4.305	-5.106	0.801
3	026U3	-29.337	-29.737	0.400
3	027U3	-3.304	-4.105	0.801
10	095B10	-10.313	-11.314	1.001
10	096B10	-28.335	-28.936	0.601
10	097B10	1.502	1.101	0.401
10	098B10	-12.115	-12.315	0.200
10	100B10	-23.930	-24.531	0.601
10	101U10	-15.720	-16.521	0.801
10	102U10	-27.735	-28.936	1.201
10	103U10	-24.531	-24.531	0.000
10	104U10	-31.940	-32.741	0.801
10	105U10	-6.708	-8.110	1.402
30	028B30	-5.907	-7.509	1.602
30	029B30	-7.509	-10.513	3.004
30	030B30	-7.309	-9.312	2.003
30	032B30	-6.308	-7.910	1.602
30	033B30	-11.715	-13.517	1.802
30	034U30	-26.934	-28.536	1.602
30	036U30	-21.927	-23.529	1.602
30	037U30	-28.536	-30.939	2.403
30	038U30	-36.145	-38.348	2.203
30	040U30	-11.314	-13.717	2.403
50	041B50	-10.914	-12.716	1.802
50	042B50	-21.927	-23.730	1.803
50	043B50	-0.701	-2.703	2.002
50	044B50	-8.110	-10.513	2.403
50	045B50	-17.522	-20.926	3.404
50	047U50	-36.345	-39.149	2.804
50	048U50	-24.931	-27.134	2.203
50	049U50	-4.105	-6.508	2.403
50	050U50	-21.927	-24.531	2.604
50	051U50	-5.307	-8.711	3.404
100	052B100	-25.332	-28.736	3.404
100	053B100	-28.936	-32.340	3.404
100	055B100	-4.706	-7.509	2.803
100	056B100	5.106	0.501	4.605
100	058B100	-8.711	-12.115	3.404
100	059B100	-2.503	-6.508	4.005
100	060B100	-23.529	-26.733	3.204
100	061B100	-2.703	-5.307	2.604
100	063B100	1.502	-1.101	2.603
100	064B100	-13.317	-16.921	3.604
100	065B100	-28.936	-32.140	3.204
100	066B100	-30.138	-32.741	2.603
100	067B100	-14.118	-17.522	3.404
100	068B100	-29.937	-32.541	2.604
100	069B100	-35.544	-38.748	3.204
100	070B100	-35.144	-38.748	3.604
100	071B100	-19.324	-22.528	3.204
100	072B100	-8.711	-11.114	2.403
100	074B100	-31.539	-33.942	2.403
100	076B100	-0.100	-2.503	2.403
100	077B100	-18.323	-21.327	3.004
100	078B100	-4.105	-7.910	3.805
100	079U100	-10.513	-13.717	3.204
100	080U100	-4.305	-8.310	4.005
100	081U100	-20.526	-23.930	3.404
100	082U100	-17.722	-20.726	3.004
100	083U100	-13.116	-16.521	3.405
	Max	5.106	1.101	4.605
	Average	-16.352	-18.410	2.058
	Min	-42.153	-41.151	-1.002
	Std Dev	11.375	11.252	1.290



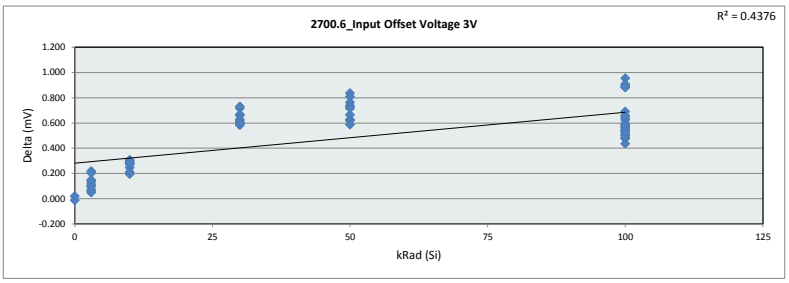
	2700.5_In- Bias Current 3V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	80	uA				
Min Limit	-80	uA				
kRad (Si)	0	3	10	30	50	100
LL	-80.000	-80.000	-80.000	-80.000	-80.000	-80.000
Min	-41.151	-30.138	-32.741	-38.348	-39.149	-38.748
Average	-28.536	-15.419	-18.683	-18.383	-17.662	-18.953
Max	-15.920	-2.503	1.101	-7.509	-2.703	0.501
UL	80.000	80.000	80.000	80.000	80.000	80.000



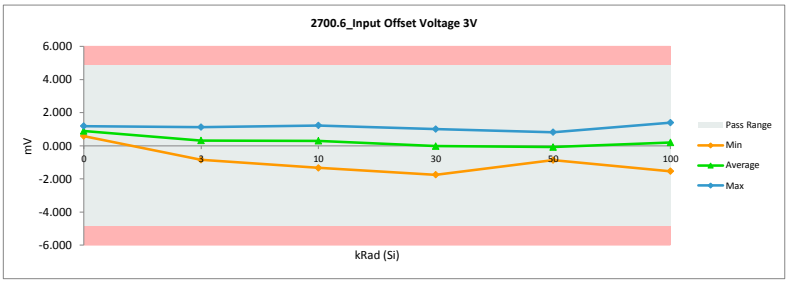
TID Report
LMH5401-SP HDR

	2700.6_Input Offset Voltage 3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	4.85	4.85
Min Limit	-4.85	-4.85

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	1.210	1.191	0.019
0	106C1	0.578	0.592	-0.014
3	018B3	-0.355	-0.572	0.217
3	019B3	1.071	0.956	0.114
3	020B3	0.703	0.554	0.149
3	021B3	1.018	0.815	0.203
3	022B3	0.792	0.697	0.096
3	023U3	0.072	0.002	0.070
3	024U3	-0.309	-0.357	0.048
3	025U3	1.183	1.127	0.056
3	026U3	-0.718	-0.852	0.134
3	027U3	0.895	0.799	0.097
10	095B10	0.727	0.431	0.296
10	096B10	-1.032	-1.338	0.306
10	097B10	0.570	0.295	0.275
10	098B10	1.250	1.005	0.245
10	100B10	0.937	0.661	0.275
10	101U10	0.121	-0.089	0.210
10	102U10	-0.775	-1.062	0.287
10	103U10	1.387	1.193	0.194
10	104U10	0.971	0.694	0.278
10	105U10	1.505	1.230	0.275
30	028B30	0.272	-0.353	0.625
30	029B30	-0.111	-0.778	0.667
30	030B30	0.993	0.380	0.614
30	032B30	1.256	0.674	0.582
30	033B30	0.377	-0.340	0.717
30	034U30	1.662	1.004	0.658
30	036U30	1.225	0.628	0.597
30	037U30	0.822	0.228	0.595
30	038U30	-1.020	-1.751	0.730
30	040U30	0.690	0.090	0.600
50	041B50	0.771	0.145	0.627
50	042B50	0.394	-0.225	0.619
50	043B50	0.809	0.222	0.587
50	044B50	0.069	-0.694	0.763
50	045B50	0.645	-0.019	0.664
50	047U50	0.886	0.050	0.836
50	048U50	0.275	-0.462	0.737
50	049U50	1.548	0.822	0.726
50	050U50	0.989	0.274	0.716
50	051U50	-0.060	-0.869	0.808
100	052B100	0.144	-0.514	0.658
100	053B100	1.595	1.028	0.566
100	055B100	0.814	0.242	0.572
100	056B100	1.296	0.672	0.625
100	058B100	1.823	1.321	0.502
100	059B100	0.404	-0.153	0.557
100	060B100	1.870	1.393	0.477
100	061B100	0.624	0.095	0.528
100	063B100	1.599	1.164	0.435
100	064B100	0.698	0.105	0.593
100	065B100	-0.847	-1.536	0.689
100	066B100	0.767	0.222	0.545
100	067B100	-0.452	-1.033	0.581
100	068B100	1.263	0.755	0.508
100	069B100	0.777	0.137	0.641
100	070B100	0.917	0.260	0.656
100	071B100	1.280	0.803	0.477
100	072B100	1.521	1.019	0.501
100	074B100	0.887	0.354	0.533
100	076B100	1.600	1.115	0.485
100	077B100	0.875	0.286	0.589
100	078B100	0.961	0.426	0.534
100	079U100	0.240	-0.714	0.954
100	080U100	1.607	0.724	0.883
100	081U100	0.278	-0.628	0.906
100	082U100	-0.208	-1.103	0.894
100	083U100	-0.272	-1.153	0.881
	Max	1.870	1.393	0.954
	Average	0.672	0.178	0.494
	Min	-1.032	-1.751	-0.014
	Std Dev	0.707	0.764	0.250



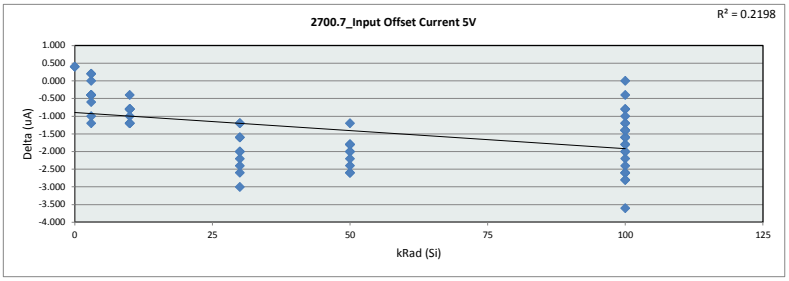
	2700.6_Input Offset Voltage 3V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	4.85	mV				
Min Limit	-4.85	mV				
kRad (Si)	0	3	10	30	50	100
LL	-4.850	-4.850	-4.850	-4.850	-4.850	-4.850
Min	0.592	-0.852	-1.338	-1.751	-0.869	-1.536
Average	0.892	0.317	0.302	-0.022	-0.076	0.196
Max	1.191	1.127	1.230	1.004	0.822	1.393
UL	4.850	4.850	4.850	4.850	4.850	4.850



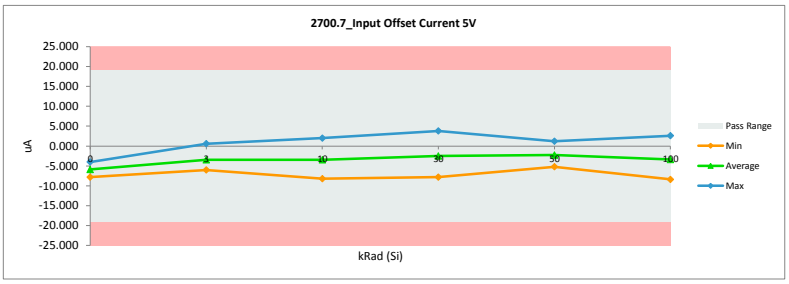
TID Report
LMH5401-SP HDR

	2700.7_Input Offset Current 5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	19	19
Min Limit	-19	-19

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-7.409	-7.810	0.401
0	106C1	-3.605	-4.005	0.400
3	018B3	-0.601	-0.200	-0.401
3	019B3	-5.407	-4.206	-1.201
3	020B3	-4.806	-5.006	0.200
3	021B3	-6.007	-6.008	0.001
3	022B3	-6.408	-6.007	-0.401
3	023U3	-2.203	-1.802	-0.401
3	024U3	-2.203	-1.602	-0.601
3	025U3	-6.008	-5.007	-1.001
3	026U3	0.200	0.601	-0.401
3	027U3	-5.006	-5.207	0.201
10	095B10	-4.806	-3.605	-1.201
10	096B10	0.801	2.002	-1.201
10	097B10	-4.806	-4.005	-0.801
10	098B10	-5.607	-4.806	-0.801
10	100B10	-5.207	-4.405	-0.802
10	101U10	-2.604	-1.803	-0.801
10	102U10	1.001	1.802	-0.801
10	103U10	-8.611	-8.210	-0.401
10	104U10	-6.408	-5.206	-1.202
10	105U10	-7.209	-6.208	-1.001
30	028B30	-2.603	-1.402	-1.201
30	029B30	-2.002	1.001	-3.003
30	030B30	-6.208	-4.005	-2.203
30	032B30	-6.808	-4.206	-2.602
30	033B30	-3.204	-1.602	-1.602
30	034U30	-9.813	-7.809	-2.004
30	036U30	-5.607	-4.406	-1.201
30	037U30	-5.006	-3.004	-2.002
30	038U30	1.402	3.805	-2.403
30	040U30	-5.006	-3.404	-1.602
50	041B50	-5.006	-3.003	-2.003
50	042B50	-3.604	-1.802	-1.802
50	043B50	-3.804	-2.603	-1.201
50	044B50	-2.803	-0.200	-2.603
50	045B50	-4.205	-2.203	-2.002
50	047U50	-6.207	-3.605	-2.602
50	048U50	-3.404	-1.602	-1.802
50	049U50	-7.009	-5.207	-1.802
50	050U50	-6.007	-3.605	-2.402
50	051U50	-1.002	1.201	-2.203
100	052B100	-1.802	-0.201	-1.601
100	053B100	-7.610	-6.809	-0.801
100	055B100	-4.806	-2.803	-2.003
100	056B100	-7.609	-5.407	-2.202
100	058B100	-9.411	-8.210	-1.201
100	059B100	-2.804	-2.803	-0.001
100	060B100	-10.213	-8.411	-1.802
100	061B100	-4.405	-3.605	-0.800
100	063B100	-8.410	-7.209	-1.201
100	064B100	-4.205	-2.803	-1.402
100	065B100	-0.200	2.603	-2.803
100	066B100	-5.807	-3.204	-2.603
100	067B100	-0.601	-0.201	-0.400
100	068B100	-7.009	-5.407	-1.602
100	069B100	-3.804	-1.802	-2.002
100	070B100	-5.807	-4.005	-1.802
100	071B100	-5.607	-4.606	-1.001
100	072B100	-7.409	-5.808	-1.601
100	074B100	-5.207	-3.805	-1.402
100	076B100	-9.813	-8.410	-1.403
100	077B100	-5.006	-3.604	-1.402
100	078B100	-4.806	-3.404	-1.402
100	079U100	-2.804	-0.201	-2.603
100	080U100	-8.210	-5.807	-2.403
100	081U100	-2.203	0.400	-2.603
100	082U100	-1.201	2.403	-3.604
100	083U100	-1.202	1.602	-2.804
	Max	1.402	3.805	0.401
	Average	-4.620	-3.187	-1.434
	Min	-10.213	-8.411	-3.604
	Std Dev	2.710	2.909	0.888



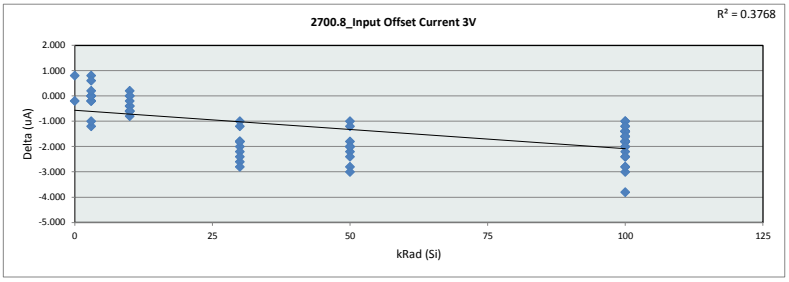
	2700.7_Input Offset Current 5V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	19	uA				
Min Limit	-19	uA				
kRad (Si)	0	3	10	30	50	100
LL	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000
Min	-7.810	-6.008	-8.210	-7.809	-5.207	-8.411
Average	-5.908	-3.444	-3.444	-2.503	-2.263	-3.390
Max	-4.005	0.601	2.002	3.805	1.201	2.603
UL	19.000	19.000	19.000	19.000	19.000	19.000



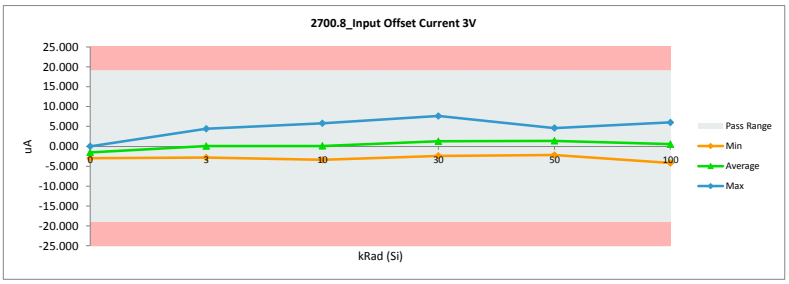
TID Report
LMH5401-SP HDR

	2700.8_Input Offset Current 3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	19	19
Min Limit	-19	-19

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	-3.204	-3.004	-0.200
0	106C1	0.801	0.000	0.801
3	018B3	3.204	3.404	-0.200
3	019B3	-3.004	-1.802	-1.202
3	020B3	-1.401	-1.402	0.001
3	021B3	-2.803	-2.603	-0.200
3	022B3	-1.602	-0.601	-1.001
3	023U3	2.403	1.602	0.801
3	024U3	2.803	2.203	0.600
3	025U3	-2.804	-2.804	0.000
3	026U3	4.406	4.405	0.001
3	027U3	-1.602	-1.802	0.200
10	095B10	-0.601	-0.601	0.000
10	096B10	5.406	5.807	-0.401
10	097B10	-1.402	-0.600	-0.802
10	098B10	-3.004	-2.403	-0.601
10	100B10	-0.601	0.000	-0.601
10	101U10	0.801	1.202	-0.401
10	102U10	4.606	4.806	-0.200
10	103U10	-3.204	-3.404	0.200
10	104U10	-0.400	-0.400	0.000
10	105U10	-4.005	-3.404	-0.601
30	028B30	0.801	1.802	-1.001
30	029B30	2.202	4.806	-2.604
30	030B30	-2.603	-0.600	-2.003
30	032B30	-2.803	-1.001	-1.802
30	033B30	0.801	2.603	-1.802
30	034U30	-4.605	-2.403	-2.202
30	036U30	-2.604	-1.402	-1.202
30	037U30	-1.201	0.601	-1.802
30	038U30	4.806	7.610	-2.804
30	040U30	-1.802	0.601	-2.403
50	041B50	-0.600	1.202	-1.802
50	042B50	0.400	1.402	-1.002
50	043B50	-1.402	-0.201	-1.201
50	044B50	1.402	3.604	-2.202
50	045B50	-0.400	1.602	-2.002
50	047U50	-1.202	1.202	-2.404
50	048U50	0.000	2.003	-2.003
50	049U50	-4.205	-2.203	-2.002
50	050U50	-2.003	0.801	-2.804
50	051U50	1.602	4.606	-3.004
100	052B100	1.202	3.605	-2.403
100	053B100	-3.204	-2.203	-1.001
100	055B100	-1.201	0.600	-1.801
100	056B100	-3.003	-1.202	-1.801
100	058B100	-5.407	-3.605	-1.802
100	059B100	-0.200	2.002	-2.202
100	060B100	-5.607	-4.206	-1.401
100	061B100	-0.801	1.002	-1.803
100	063B100	-4.606	-3.204	-1.402
100	064B100	-0.600	0.801	-1.401
100	065B100	4.205	6.007	-1.802
100	066B100	-0.801	0.801	-1.602
100	067B100	2.403	4.205	-1.802
100	068B100	-2.604	-1.201	-1.403
100	069B100	-0.601	2.403	-3.004
100	070B100	-1.802	0.200	-2.002
100	071B100	-2.403	-1.202	-1.201
100	072B100	-3.805	-2.803	-1.002
100	074B100	-0.801	0.600	-1.401
100	076B100	-5.006	-3.404	-1.602
100	077B100	-1.402	-0.200	-1.202
100	078B100	-1.802	-0.200	-1.602
100	079U100	0.801	3.604	-2.803
100	080U100	-4.806	-1.002	-3.804
100	081U100	1.002	3.404	-2.402
100	082U100	3.004	5.006	-2.002
100	083U100	2.002	4.806	-2.804
	Max	5.406	7.610	0.801
	Average	-0.789	0.578	-1.367
	Min	-5.607	-4.206	-3.804
	Std Dev	2.623	2.741	1.012



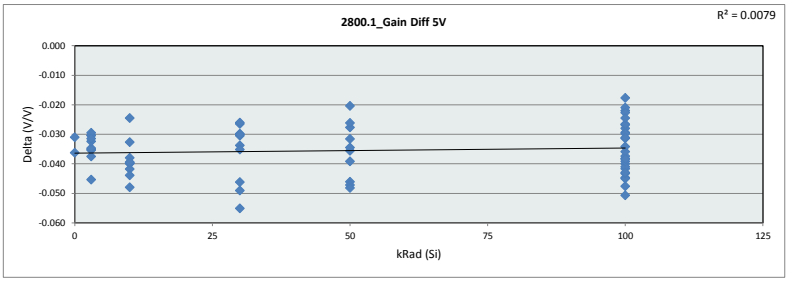
	2700.8_Input Offset Current 3					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	19	uA				
Min Limit	-19	uA				
kRad (Si)	0	3	10	30	50	100
LL	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000
Min	-3.004	-2.804	-3.404	-2.403	-2.203	-4.206
Average	-1.502	0.060	0.100	1.262	1.402	0.541
Max	0.000	4.405	5.807	7.610	4.606	6.007
UL	19.000	19.000	19.000	19.000	19.000	19.000



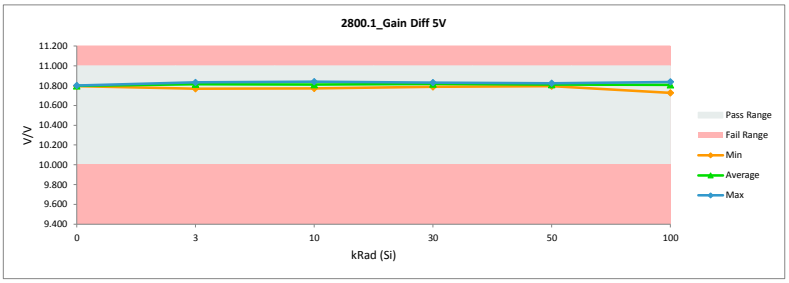
TID Report
LMH5401-SP HDR

	2800.1_Gain Diff 5V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V/V	V/V
Max Limit	11	11
Min Limit	10	10

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	10.763	10.794	-0.031
0	106C1	10.765	10.802	-0.036
3	018B3	10.797	10.832	-0.035
3	019B3	10.776	10.811	-0.035
3	020B3	10.768	10.803	-0.035
3	021B3	10.774	10.811	-0.038
3	022B3	10.723	10.768	-0.045
3	023U3	10.794	10.825	-0.030
3	024U3	10.800	10.831	-0.030
3	025U3	10.774	10.806	-0.032
3	026U3	10.797	10.826	-0.030
3	027U3	10.797	10.829	-0.031
10	095B10	10.793	10.825	-0.033
10	096B10	10.785	10.824	-0.039
10	097B10	10.777	10.817	-0.040
10	098B10	10.772	10.812	-0.040
10	100B10	10.726	10.774	-0.048
10	101U10	10.805	10.830	-0.024
10	102U10	10.802	10.840	-0.038
10	103U10	10.730	10.772	-0.042
10	104U10	10.751	10.795	-0.044
10	105U10	10.773	10.812	-0.039
30	028B30	10.799	10.826	-0.026
30	029B30	10.799	10.830	-0.031
30	030B30	10.785	10.815	-0.030
30	032B30	10.793	10.819	-0.026
30	033B30	10.791	10.821	-0.030
30	034U30	10.732	10.788	-0.055
30	036U30	10.762	10.808	-0.046
30	037U30	10.780	10.829	-0.049
30	038U30	10.788	10.822	-0.034
30	040U30	10.771	10.806	-0.035
50	041B50	10.784	10.812	-0.028
50	042B50	10.780	10.819	-0.039
50	043B50	10.781	10.808	-0.026
50	044B50	10.797	10.818	-0.020
50	045B50	10.770	10.806	-0.036
50	047U50	10.762	10.808	-0.046
50	048U50	10.777	10.824	-0.047
50	049U50	10.773	10.807	-0.035
50	050U50	10.746	10.794	-0.048
50	051U50	10.775	10.806	-0.032
100	052B100	10.776	10.817	-0.042
100	053B100	10.756	10.803	-0.048
100	055B100	10.791	10.813	-0.022
100	056B100	10.765	10.793	-0.028
100	058B100	10.764	10.793	-0.029
100	059B100	10.792	10.810	-0.018
100	060B100	10.754	10.794	-0.040
100	061B100	10.787	10.808	-0.021
100	063B100	10.761	10.788	-0.027
100	064B100	10.781	10.811	-0.030
100	065B100	10.793	10.831	-0.038
100	066B100	10.762	10.807	-0.045
100	067B100	10.804	10.831	-0.027
100	068B100	10.769	10.820	-0.051
100	069B100	10.772	10.809	-0.037
100	070B100	10.753	10.798	-0.045
100	071B100	10.767	10.798	-0.031
100	072B100	10.793	10.816	-0.023
100	074B100	10.767	10.810	-0.043
100	076B100	10.691	10.727	-0.036
100	077B100	10.779	10.810	-0.031
100	078B100	10.780	10.804	-0.024
100	079U100	10.784	10.825	-0.041
100	080U100	10.784	10.818	-0.034
100	081U100	10.788	10.831	-0.043
100	082U100	10.799	10.838	-0.039
100	083U100	10.793	10.832	-0.038
	Max	10.805	10.840	-0.018
	Average	10.775	10.811	-0.035
	Min	10.691	10.727	-0.055
	Std Dev	0.021	0.018	0.008



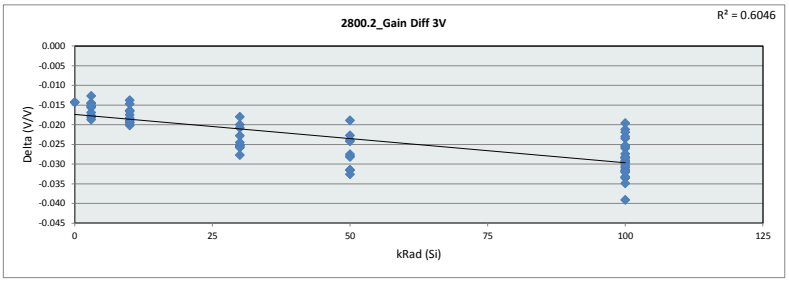
	2800.1_Gain Diff 5V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	11	V/V				
Min Limit	10	V/V				
kRad (Si)	0	3	10	30	50	100
LL	10.000	10.000	10.000	10.000	10.000	10.000
Min	10.794	10.768	10.772	10.788	10.794	10.727
Average	10.798	10.814	10.810	10.816	10.810	10.809
Max	10.802	10.832	10.840	10.830	10.824	10.838
UL	11.000	11.000	11.000	11.000	11.000	11.000



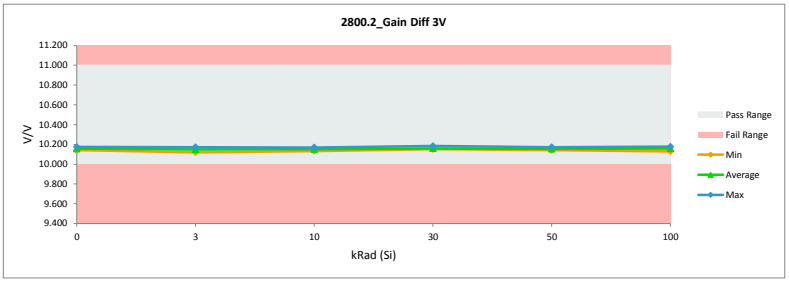
TID Report
LMH5401-SP HDR

	2800.2_Gain Diff 3V	
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EF868301	EF868301
Unit	V/V	V/V
Max Limit	11	11
Min Limit	10	10

kRad (Si)	Serial #	PreRad	PostRad	Delta
0	057C1	10.127	10.141	-0.014
0	106C1	10.159	10.173	-0.014
3	018B3	10.141	10.159	-0.018
3	019B3	10.102	10.121	-0.019
3	020B3	10.131	10.147	-0.016
3	021B3	10.126	10.143	-0.018
3	022B3	10.139	10.156	-0.017
3	023U3	10.134	10.148	-0.015
3	024U3	10.158	10.171	-0.013
3	025U3	10.111	10.127	-0.015
3	026U3	10.157	10.172	-0.014
3	027U3	10.123	10.138	-0.015
10	095B10	10.129	10.149	-0.020
10	096B10	10.153	10.170	-0.016
10	097B10	10.115	10.134	-0.019
10	098B10	10.118	10.137	-0.019
10	100B10	10.139	10.157	-0.017
10	101U10	10.132	10.150	-0.018
10	102U10	10.153	10.167	-0.014
10	103U10	10.138	10.153	-0.015
10	104U10	10.149	10.165	-0.017
10	105U10	10.115	10.134	-0.019
30	028B30	10.124	10.152	-0.028
30	029B30	10.129	10.155	-0.025
30	030B30	10.127	10.152	-0.026
30	032B30	10.130	10.155	-0.025
30	033B30	10.135	10.161	-0.026
30	034U30	10.149	10.169	-0.020
30	036U30	10.129	10.152	-0.023
30	037U30	10.140	10.161	-0.021
30	038U30	10.165	10.183	-0.018
30	040U30	10.127	10.151	-0.024
50	041B50	10.133	10.161	-0.028
50	042B50	10.138	10.162	-0.024
50	043B50	10.114	10.146	-0.032
50	044B50	10.130	10.158	-0.028
50	045B50	10.125	10.153	-0.028
50	047U50	10.153	10.172	-0.019
50	048U50	10.133	10.157	-0.024
50	049U50	10.110	10.141	-0.031
50	050U50	10.137	10.159	-0.023
50	051U50	10.110	10.143	-0.033
100	052B100	10.133	10.161	-0.028
100	053B100	10.150	10.175	-0.026
100	055B100	10.125	10.157	-0.032
100	056B100	10.103	10.142	-0.039
100	058B100	10.120	10.149	-0.029
100	059B100	10.122	10.155	-0.033
100	060B100	10.135	10.161	-0.026
100	061B100	10.124	10.156	-0.032
100	063B100	10.104	10.138	-0.034
100	064B100	10.123	10.154	-0.031
100	065B100	10.152	10.177	-0.025
100	066B100	10.148	10.168	-0.020
100	067B100	10.139	10.168	-0.030
100	068B100	10.145	10.168	-0.023
100	069B100	10.151	10.175	-0.023
100	070B100	10.151	10.172	-0.021
100	071B100	10.127	10.157	-0.030
100	072B100	10.131	10.160	-0.029
100	074B100	10.144	10.166	-0.022
100	076B100	10.101	10.130	-0.029
100	077B100	10.132	10.159	-0.027
100	078B100	10.114	10.147	-0.033
100	079U100	10.127	10.158	-0.031
100	080U100	10.122	10.157	-0.035
100	081U100	10.135	10.163	-0.028
100	082U100	10.137	10.168	-0.030
100	083U100	10.130	10.162	-0.032
	Max	10.165	10.183	-0.013
	Average	10.132	10.156	-0.024
	Min	10.101	10.121	-0.039
	Std Dev	0.015	0.013	0.006



	2800.2_Gain Diff 3V					
Test Site	Dallas					
Tester	ETS-364					
Test Number	EF868301					
Max Limit	11	V/V				
Min Limit	10	V/V				
kRad (Si)	0	3	10	30	50	100
LL	10.000	10.000	10.000	10.000	10.000	10.000
Min	10.141	10.121	10.134	10.152	10.141	10.130
Average	10.157	10.148	10.152	10.159	10.155	10.159
Max	10.173	10.172	10.170	10.183	10.172	10.177
UL	11.000	11.000	11.000	11.000	11.000	11.000



LDR Total Ionizing Dose Report

This appendix provides the full LMH5401-SP (5962R1721401VXC) LDR (biased and unbiased) TID report.

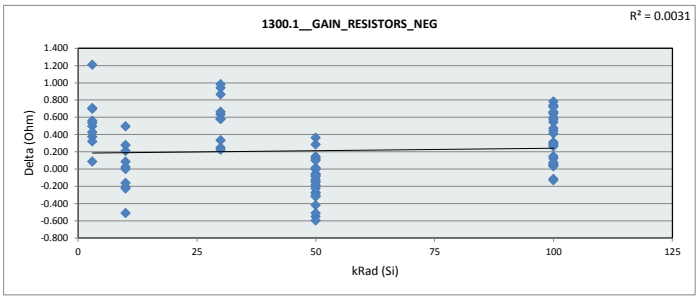
Delta Threshold 10.00%

TID Report
LMH5401-SP LDR

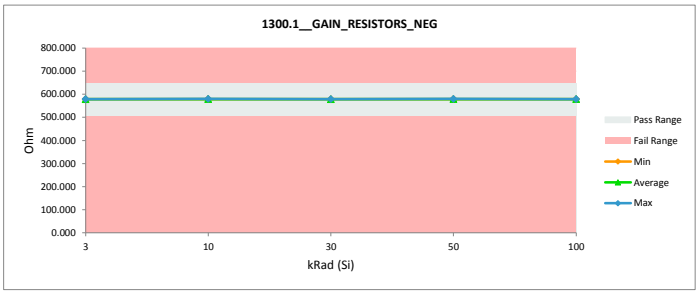
TID Report
LMH5401-SP LDR

	1300.1__GAIN_RESISTORS_NEG	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	Ohm	Ohm
Max Limit	646.25	646.25
Min Limit	503.75	503.75

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	579.364	578.666	0.698
3	055B3	579.448	578.741	0.706
3	056B3	579.009	578.635	0.374
3	060B3	579.132	578.634	0.497
3	061B3	579.055	578.735	0.320
3	062U3	579.185	579.097	0.088
3	064U3	578.854	578.427	0.428
3	065U3	579.248	578.688	0.559
3	066U3	579.208	578.672	0.536
3	068U3	579.588	578.380	1.208
10	054B10	579.364	579.086	0.278
10	055B10	579.448	579.424	0.023
10	056B10	579.009	578.924	0.085
10	060B10	579.132	579.340	-0.208
10	061B10	579.055	579.055	0.000
10	062U10	579.185	579.695	-0.510
10	064U10	578.854	579.078	-0.224
10	065U10	579.248	579.039	0.209
10	066U10	579.208	579.370	-0.162
10	068U10	579.588	579.093	0.495
30	054B30	579.364	578.784	0.580
30	055B30	579.448	578.582	0.866
30	056B30	579.009	578.675	0.333
30	060B30	579.132	578.552	0.580
30	061B30	579.055	578.421	0.634
30	062U30	579.185	578.937	0.248
30	064U30	578.854	578.190	0.664
30	065U30	579.248	578.305	0.943
30	066U30	579.208	578.983	0.224
30	068U30	579.588	578.606	0.982
50	069B50	579.316	579.517	-0.201
50	070B50	579.401	579.386	0.016
50	071B50	579.070	579.147	-0.077
50	072B50	579.177	579.177	0.000
50	073B50	578.723	579.140	-0.417
50	074B50	578.939	579.124	-0.185
50	075B50	579.094	578.731	0.363
50	076B50	579.000	579.124	-0.123
50	077B50	579.201	579.054	0.147
50	078B50	579.216	579.355	-0.139
50	079B50	579.008	579.557	-0.549
50	080B50	578.823	578.692	0.131
50	083B50	579.109	579.109	0.000
50	084B50	579.055	579.325	-0.270
50	085B50	579.163	578.877	0.286
50	089B50	579.016	579.078	-0.062
50	095B50	579.634	579.688	-0.054
50	096B50	579.093	579.371	-0.278
50	100B50	579.348	579.240	0.108
50	101B50	579.301	579.811	-0.510
50	103B50	579.116	579.425	-0.309
50	104B50	579.262	579.579	-0.317
50	062U50	579.185	579.780	-0.595
50	064U50	578.854	579.078	-0.224
50	065U50	579.248	579.333	-0.085
50	066U50	579.208	579.362	-0.155
50	068U50	579.588	579.487	0.101
100	069B100	579.316	578.658	0.658
100	070B100	579.401	578.759	0.643
100	071B100	579.070	578.528	0.542
100	072B100	579.177	579.146	0.032
100	073B100	578.723	578.443	0.280
100	074B100	578.939	578.628	0.311
100	075B100	579.094	578.374	0.720
100	076B100	579.000	579.115	-0.115
100	077B100	579.201	578.729	0.473
100	078B100	579.216	579.169	0.047
100	079B100	579.008	579.138	-0.130
100	080B100	578.823	578.227	0.596
100	083B100	579.109	578.327	0.782
100	084B100	579.055	578.930	0.125
100	085B100	579.163	579.115	0.047
100	089B100	579.016	578.868	0.148
100	095B100	579.634	579.060	0.573
100	096B100	579.093	578.682	0.411
100	100B100	579.348	578.752	0.596
100	101B100	579.301	579.037	0.264
100	103B100	579.116	579.045	0.071
100	104B100	579.262	578.967	0.295
100	062U100	579.185	579.110	0.075
100	064U100	578.854	578.409	0.446
100	065U100	579.248	578.586	0.662
100	066U100	579.208	578.469	0.739
100	068U100	579.588	578.863	0.724
	Max	579.634	579.811	1.208
	Average	579.173	578.958	0.215
	Min	578.723	578.190	-0.595
	Std Dev	0.207	0.382	0.391



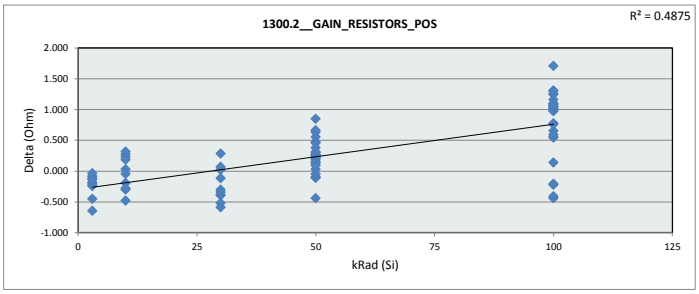
	1300.1__GAIN_RESISTORS_N				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	646.25	Ohm			
Min Limit	503.75	Ohm			
kRad (Si)	3	10	30	50	100
LL	503.750	503.750	503.750	503.750	503.750
Min	578.380	578.924	578.190	578.692	578.227
Average	578.667	579.210	578.603	579.279	578.783
Max	579.097	579.695	578.983	579.811	579.169
UL	646.250	646.250	646.250	646.250	646.250



TID Report
LMH5401-SP LDR

	1300.2__GAIN_RESISTORS_POS	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	Ohm	Ohm
Max Limit	646.25	646.25
Min Limit	503.75	503.75

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	578.703	578.931	-0.228
3	055B3	578.843	579.032	-0.189
3	056B3	578.818	578.931	-0.112
3	060B3	578.904	579.093	-0.189
3	061B3	578.525	578.977	-0.451
3	062U3	579.167	579.411	-0.244
3	064U3	578.764	578.846	-0.081
3	065U3	578.641	579.286	-0.645
3	066U3	579.067	579.102	-0.035
3	068U3	578.881	579.016	-0.135
10	054B10	578.703	579.182	-0.479
10	055B10	578.843	578.573	0.270
10	056B10	578.818	578.587	0.231
10	060B10	578.904	578.873	0.031
10	061B10	578.525	578.718	-0.193
10	062U10	579.167	578.851	0.317
10	064U10	578.764	578.579	0.185
10	065U10	578.641	578.943	-0.301
10	066U10	579.067	579.345	-0.278
10	068U10	578.881	578.927	-0.046
30	054B30	578.703	579.089	-0.387
30	055B30	578.843	579.361	-0.518
30	056B30	578.818	578.534	0.285
30	060B30	578.904	578.881	0.023
30	061B30	578.525	578.827	-0.301
30	062U30	579.167	579.284	-0.116
30	064U30	578.764	579.159	-0.395
30	065U30	578.641	578.982	-0.340
30	066U30	579.067	579.655	-0.588
30	068U30	578.881	578.812	0.069
50	069B50	578.828	578.558	0.270
50	070B50	579.113	578.897	0.216
50	071B50	578.811	578.657	0.154
50	072B50	578.928	578.897	0.031
50	073B50	578.749	578.194	0.555
50	074B50	578.888	578.410	0.478
50	075B50	578.726	578.417	0.308
50	076B50	578.842	578.649	0.193
50	077B50	578.510	578.248	0.262
50	078B50	578.742	578.851	-0.108
50	079B50	579.205	578.989	0.216
50	080B50	578.425	578.533	-0.108
50	083B50	578.264	578.703	-0.440
50	084B50	578.749	578.626	0.123
50	085B50	579.089	578.456	0.633
50	089B50	578.718	578.341	0.378
50	095B50	579.198	578.534	0.664
50	096B50	578.773	578.526	0.247
50	100B50	578.495	578.233	0.262
50	101B50	579.477	579.021	0.456
50	103B50	578.943	579.036	-0.093
50	104B50	579.446	578.597	0.849
50	062U50	579.167	578.905	0.263
50	064U50	578.764	578.618	0.146
50	065U50	578.641	578.549	0.092
50	066U50	579.067	579.114	-0.047
50	068U50	578.881	578.572	0.309
100	069B100	578.828	578.067	0.761
100	070B100	579.113	578.075	1.039
100	071B100	578.811	578.158	0.653
100	072B100	578.928	578.151	0.776
100	073B100	578.749	577.734	1.015
100	074B100	578.888	577.803	1.085
100	075B100	578.726	577.479	1.246
100	076B100	578.842	577.681	1.162
100	077B100	578.510	577.534	0.976
100	078B100	578.742	577.727	1.015
100	079B100	579.205	577.496	1.709
100	080B100	578.425	577.326	1.099
100	083B100	578.264	577.711	0.553
100	084B100	578.749	578.205	0.545
100	085B100	579.089	577.834	1.255
100	089B100	578.718	577.742	0.977
100	095B100	579.198	578.151	1.047
100	096B100	578.773	577.680	1.092
100	100B100	578.495	577.904	0.591
100	101B100	579.477	578.414	1.063
100	103B100	578.943	577.635	1.308
100	104B100	579.446	578.144	1.302
100	062U100	579.167	579.027	0.140
100	064U100	578.764	579.204	-0.439
100	065U100	578.641	579.050	-0.408
100	066U100	579.067	579.290	-0.223
100	068U100	578.881	579.088	-0.207
	Max	579.477	579.655	1.709
	Average	578.855	578.586	0.269
	Min	578.264	577.326	-0.645
	Std Dev	0.254	0.538	0.546



	1300.2__GAIN_RESISTORS_P				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	646.25	Ohm			
Min Limit	503.75	Ohm			
kRad (Si)	3	10	30	50	100
LL	503.750	503.750	503.750	503.750	503.750
Min	578.846	578.573	578.534	578.194	577.326
Average	579.062	578.858	579.058	578.635	578.086
Max	579.411	579.345	579.655	579.114	579.290
UL	646.250	646.250	646.250	646.250	646.250

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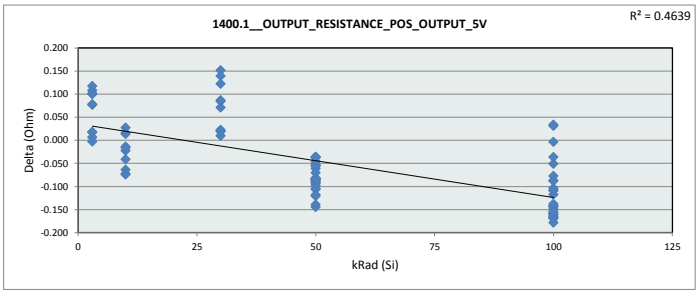
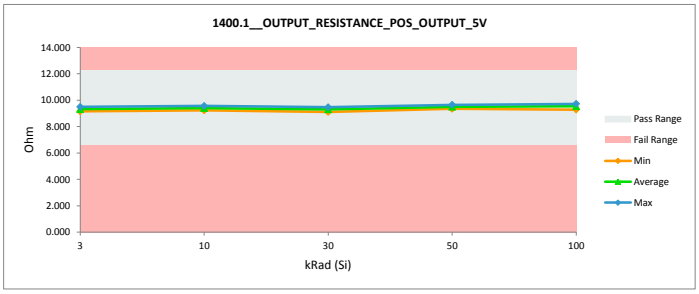
	1400.1__OUTPUT_RESISTANCE	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	Ohm	Ohm
Max Limit	12.25	12.25
Min Limit	6.6	6.6

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	9.255	9.147	0.108
3	055B3	9.429	9.412	0.018
3	056B3	9.340	9.263	0.077
3	060B3	9.328	9.210	0.118
3	061B3	9.461	9.454	0.007
3	062U3	9.490	9.492	-0.003
3	064U3	9.323	9.221	0.102
3	065U3	9.389	9.289	0.100
3	066U3	9.351	9.273	0.078
3	068U3	9.445	9.428	0.018
10	054B10	9.255	9.228	0.027
10	055B10	9.429	9.493	-0.064
10	056B10	9.340	9.362	-0.022
10	060B10	9.328	9.312	0.016
10	061B10	9.461	9.533	-0.072
10	062U10	9.490	9.564	-0.074
10	064U10	9.323	9.337	-0.014
10	065U10	9.389	9.375	0.014
10	066U10	9.351	9.367	-0.016
10	068U10	9.445	9.487	-0.041
30	054B30	9.255	9.104	0.152
30	055B30	9.429	9.407	0.023
30	056B30	9.340	9.269	0.071
30	060B30	9.328	9.205	0.123
30	061B30	9.461	9.451	0.010
30	062U30	9.490	9.470	0.019
30	064U30	9.323	9.238	0.085
30	065U30	9.389	9.250	0.139
30	066U30	9.351	9.265	0.087
30	068U30	9.445	9.425	0.021
50	069B50	9.372	9.409	-0.037
50	070B50	9.463	9.519	-0.056
50	071B50	9.385	9.468	-0.083
50	072B50	9.491	9.574	-0.083
50	073B50	9.365	9.458	-0.093
50	074B50	9.526	9.608	-0.082
50	075B50	9.404	9.496	-0.092
50	076B50	9.488	9.541	-0.052
50	077B50	9.350	9.439	-0.089
50	078B50	9.395	9.500	-0.105
50	079B50	9.450	9.536	-0.086
50	080B50	9.428	9.526	-0.098
50	083B50	9.305	9.341	-0.036
50	084B50	9.301	9.387	-0.087
50	085B50	9.435	9.490	-0.055
50	089B50	9.354	9.391	-0.037
50	095B50	9.515	9.598	-0.083
50	096B50	9.563	9.609	-0.046
50	100B50	9.370	9.431	-0.061
50	101B50	9.481	9.517	-0.036
50	103B50	9.477	9.563	-0.085
50	104B50	9.580	9.650	-0.070
50	062U50	9.490	9.629	-0.139
50	064U50	9.323	9.443	-0.120
50	065U50	9.389	9.495	-0.106
50	066U50	9.351	9.496	-0.144
50	068U50	9.445	9.564	-0.118
100	069B100	9.372	9.459	-0.087
100	070B100	9.463	9.604	-0.141
100	071B100	9.385	9.553	-0.168
100	072B100	9.491	9.653	-0.162
100	073B100	9.365	9.532	-0.167
100	074B100	9.526	9.675	-0.149
100	075B100	9.404	9.562	-0.158
100	076B100	9.488	9.597	-0.109
100	077B100	9.350	9.494	-0.144
100	078B100	9.395	9.573	-0.178
100	079B100	9.450	9.610	-0.160
100	080B100	9.428	9.593	-0.165
100	083B100	9.305	9.393	-0.088
100	084B100	9.301	9.470	-0.169
100	085B100	9.435	9.578	-0.143
100	089B100	9.354	9.431	-0.077
100	095B100	9.515	9.672	-0.157
100	096B100	9.563	9.667	-0.104
100	100B100	9.370	9.487	-0.117
100	101B100	9.481	9.589	-0.108
100	103B100	9.477	9.632	-0.154
100	104B100	9.580	9.717	-0.138
100	062U100	9.490	9.541	-0.051
100	064U100	9.323	9.289	0.034
100	065U100	9.389	9.358	0.031
100	066U100	9.351	9.355	-0.003
100	068U100	9.445	9.482	-0.036
	Max	9.580	9.717	0.152
	Average	9.410	9.459	-0.049
	Min	9.255	9.104	-0.178
	Std Dev	0.077	0.136	0.085



	1400.1__OUTPUT_RESISTANC				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	12.25	Ohm			
Min Limit	6.6	Ohm			
kRad (Si)	3	10	30	50	100
LL	6.600	6.600	6.600	6.600	6.600
Min	9.147	9.228	9.104	9.341	9.289
Average	9.319	9.406	9.308	9.507	9.540
Max	9.492	9.564	9.471	9.650	9.718
UL	12.250	12.250	12.250	12.250	12.250



TID Report
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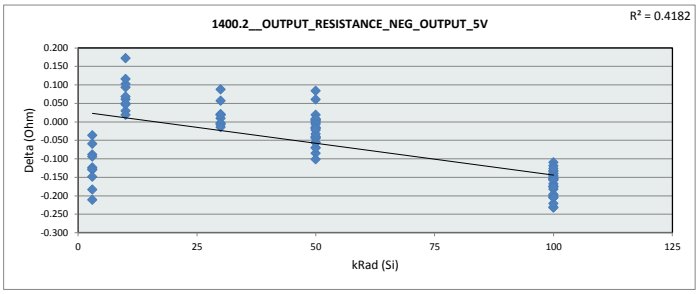
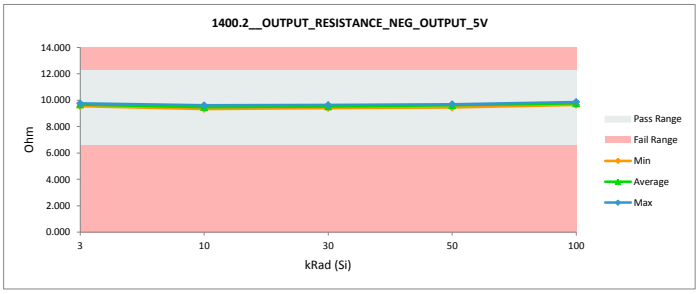
		1400.2__OUTPUT_RESISTANCE		
	Test Site	Dallas	Dallas	
	Tester	ETS364	ETS364	
	Test Number	EF868301	EF868301	
	Unit	Ohm	Ohm	
	Max Limit	12.25	12.25	
	Min Limit	6.6	6.6	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	9.428	9.556	-0.128
3	055B3	9.623	9.659	-0.036
3	056B3	9.590	9.649	-0.059
3	060B3	9.560	9.684	-0.124
3	061B3	9.473	9.561	-0.089
3	062U3	9.659	9.753	-0.094
3	064U3	9.573	9.703	-0.130
3	065U3	9.513	9.724	-0.211
3	066U3	9.550	9.733	-0.183
3	068U3	9.528	9.677	-0.149
10	054B10	9.428	9.335	0.093
10	055B10	9.623	9.521	0.102
10	056B10	9.590	9.417	0.172
10	060B10	9.560	9.444	0.116
10	061B10	9.473	9.443	0.030
10	062U10	9.659	9.612	0.047
10	064U10	9.573	9.512	0.061
10	065U10	9.513	9.444	0.068
10	066U10	9.550	9.500	0.050
10	068U10	9.528	9.509	0.019
30	054B30	9.428	9.410	0.018
30	055B30	9.623	9.566	0.057
30	056B30	9.590	9.502	0.088
30	060B30	9.560	9.564	-0.004
30	061B30	9.473	9.481	-0.008
30	062U30	9.659	9.638	0.021
30	064U30	9.573	9.564	0.009
30	065U30	9.513	9.517	-0.004
30	066U30	9.550	9.530	0.019
30	068U30	9.528	9.542	-0.014
50	069B50	9.623	9.604	0.019
50	070B50	9.660	9.663	-0.003
50	071B50	9.622	9.623	-0.001
50	072B50	9.573	9.615	-0.042
50	073B50	9.618	9.615	0.003
50	074B50	9.533	9.590	-0.056
50	075B50	9.578	9.597	-0.018
50	076B50	9.531	9.616	-0.085
50	077B50	9.656	9.649	0.006
50	078B50	9.660	9.656	0.004
50	079B50	9.657	9.702	-0.045
50	080B50	9.589	9.582	0.007
50	083B50	9.504	9.443	0.061
50	084B50	9.605	9.597	0.008
50	085B50	9.668	9.674	-0.007
50	089B50	9.525	9.441	0.084
50	095B50	9.647	9.687	-0.040
50	096B50	9.567	9.637	-0.070
50	100B50	9.529	9.599	-0.070
50	101B50	9.520	9.535	-0.015
50	103B50	9.613	9.669	-0.056
50	104B50	9.600	9.623	-0.023
50	062U50	9.659	9.700	-0.041
50	064U50	9.573	9.589	-0.015
50	065U50	9.513	9.546	-0.033
50	066U50	9.550	9.568	-0.019
50	068U50	9.528	9.630	-0.102
100	069B100	9.623	9.732	-0.110
100	070B100	9.660	9.816	-0.156
100	071B100	9.622	9.768	-0.146
100	072B100	9.573	9.755	-0.183
100	073B100	9.618	9.765	-0.147
100	074B100	9.533	9.733	-0.199
100	075B100	9.578	9.754	-0.175
100	076B100	9.531	9.762	-0.231
100	077B100	9.656	9.823	-0.168
100	078B100	9.660	9.794	-0.134
100	079B100	9.657	9.861	-0.203
100	080B100	9.589	9.742	-0.153
100	083B100	9.504	9.644	-0.140
100	084B100	9.605	9.746	-0.141
100	085B100	9.668	9.821	-0.154
100	089B100	9.525	9.657	-0.132
100	095B100	9.647	9.843	-0.196
100	096B100	9.567	9.799	-0.232
100	100B100	9.529	9.750	-0.221
100	101B100	9.520	9.675	-0.155
100	103B100	9.613	9.818	-0.205
100	104B100	9.600	9.758	-0.158
100	062U100	9.659	9.778	-0.119
100	064U100	9.573	9.700	-0.126
100	065U100	9.513	9.718	-0.205
100	066U100	9.550	9.724	-0.174
100	068U100	9.528	9.705	-0.177
	Max	9.668	9.861	0.172
	Average	9.575	9.639	-0.064
	Min	9.428	9.335	-0.232
	Std Dev	0.061	0.116	0.096



	1400.2__OUTPUT_RESISTANC				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	12.25	Ohm			
Min Limit	6.6	Ohm			
kRad (Si)	3	10	30	50	100
LL	6.600	6.600	6.600	6.600	6.600
Min	9.556	9.335	9.410	9.441	9.644
Average	9.670	9.474	9.531	9.609	9.757
Max	9.753	9.612	9.638	9.702	9.861
UL	12.250	12.250	12.250	12.250	12.250



TID Report
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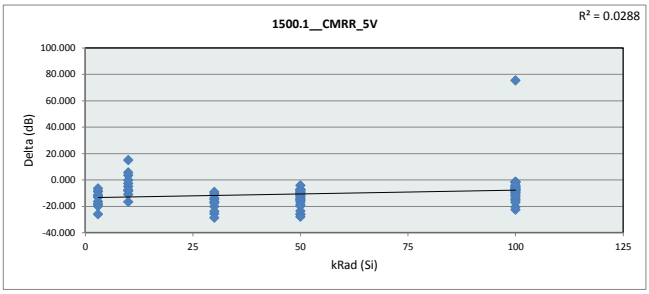
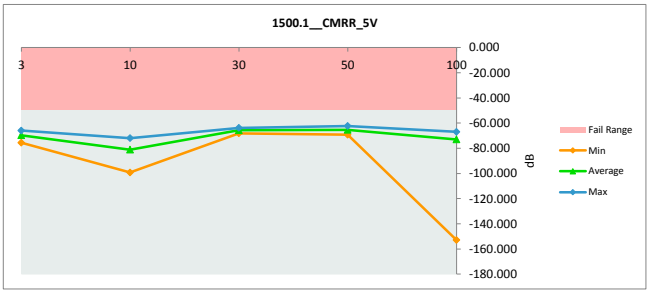
	1500.1__CMRR_5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-50	-50
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-90.195	-71.774	-18.421
3	055B3	-80.254	-68.860	-11.394
3	056B3	-80.119	-67.301	-12.818
3	060B3	-84.832	-71.735	-13.098
3	061B3	-74.729	-65.998	-8.730
3	062U3	-85.996	-69.565	-16.431
3	064U3	-90.299	-70.418	-19.881
3	065U3	-84.306	-75.648	-8.657
3	066U3	-94.694	-68.729	-25.965
3	068U3	-72.985	-66.534	-6.451
10	054B10	-90.195	-79.164	-11.031
10	055B10	-80.254	-83.741	3.487
10	056B10	-80.119	-75.109	-5.010
10	060B10	-84.832	-90.456	5.624
10	061B10	-74.729	-71.983	-2.746
10	062U10	-85.996	-78.369	-7.627
10	064U10	-90.299	-81.827	-8.472
10	065U10	-84.306	-99.322	15.016
10	066U10	-94.694	-78.067	-16.626
10	068U10	-72.985	-72.796	-0.190
30	054B30	-90.195	-64.500	-25.696
30	055B30	-80.254	-66.609	-13.645
30	056B30	-80.119	-65.225	-14.894
30	060B30	-84.832	-68.124	-16.708
30	061B30	-74.729	-64.057	-10.672
30	062U30	-85.996	-65.875	-20.121
30	064U30	-90.299	-66.438	-23.861
30	065U30	-84.306	-66.815	-17.490
30	066U30	-94.694	-66.038	-28.656
30	068U30	-72.985	-63.820	-9.165
50	069B50	-80.544	-69.290	-11.254
50	070B50	-84.074	-68.333	-15.742
50	071B50	-80.238	-65.611	-14.627
50	072B50	-79.176	-65.082	-14.094
50	073B50	-76.570	-64.080	-12.490
50	074B50	-70.922	-63.649	-7.272
50	075B50	-72.195	-65.011	-7.183
50	076B50	-71.482	-64.174	-7.308
50	077B50	-77.247	-64.570	-12.677
50	078B50	-93.443	-67.608	-25.835
50	079B50	-73.288	-65.023	-8.265
50	080B50	-75.013	-65.150	-9.863
50	083B50	-80.836	-64.063	-16.773
50	084B50	-78.862	-64.510	-14.352
50	085B50	-74.385	-64.423	-9.962
50	089B50	-85.931	-62.332	-23.599
50	095B50	-76.260	-64.686	-11.574
50	096B50	-70.668	-63.258	-7.410
50	100B50	-70.327	-66.180	-4.147
50	101B50	-77.538	-67.178	-10.360
50	103B50	-80.571	-65.241	-15.330
50	104B50	-76.501	-66.587	-9.914
50	062U50	-85.996	-66.136	-19.860
50	064U50	-90.299	-64.033	-26.266
50	065U50	-84.306	-65.571	-18.734
50	066U50	-94.694	-66.771	-27.922
50	068U50	-72.985	-64.319	-8.666
100	069B100	-80.544	-71.805	-8.739
100	070B100	-84.074	-69.469	-14.605
100	071B100	-80.238	-67.757	-12.481
100	072B100	-79.176	-71.792	-7.384
100	073B100	-76.570	-68.384	-8.186
100	074B100	-70.922	-69.217	-1.704
100	075B100	-72.195	-67.551	-4.643
100	076B100	-71.482	-69.733	-1.749
100	077B100	-77.247	-69.585	-7.662
100	078B100	-93.443	-70.809	-22.634
100	079B100	-73.288	-68.363	-4.925
100	080B100	-75.013	-69.105	-5.908
100	083B100	-80.836	-69.939	-10.897
100	084B100	-78.862	-69.070	-9.792
100	085B100	-74.385	-67.011	-7.374
100	089B100	-85.931	-70.284	-15.646
100	095B100	-76.260	-70.126	-6.134
100	096B100	-70.668	-68.851	-1.816
100	100B100	-70.327	-68.995	-1.332
100	101B100	-77.538	-152.891	75.353
100	103B100	-80.571	-70.927	-9.644
100	104B100	-76.501	-70.154	-6.347
100	062U100	-85.996	-71.617	-14.380
100	064U100	-90.299	-69.798	-20.501
100	065U100	-84.306	-72.287	-12.019
100	066U100	-94.694	-77.484	-17.210
100	068U100	-72.985	-68.912	-4.074
	Max	-70.327	-62.332	75.353
	Average	-80.761	-70.234	-10.527
	Min	-94.694	-152.891	-28.656
	Std Dev	7.042	10.850	12.202



	1500.1__CMRR_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	-50	dB			
Min Limit		dB			
kRad (Si)	3	10	30	50	100
LL					
Min	-75.648	-99.322	-68.124	-69.290	-152.892
Average	-69.656	-81.083	-65.750	-65.291	-73.034
Max	-65.998	-71.983	-63.820	-62.332	-67.011
UL	-50.000	-50.000	-50.000	-50.000	-50.000



TID Report
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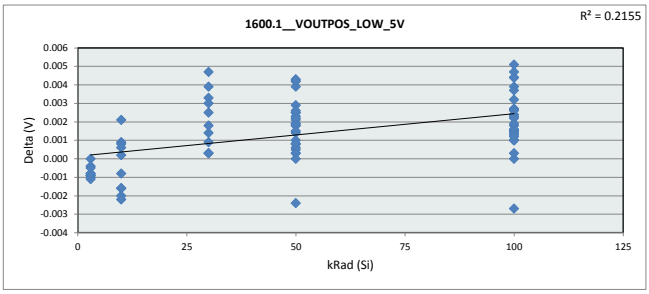
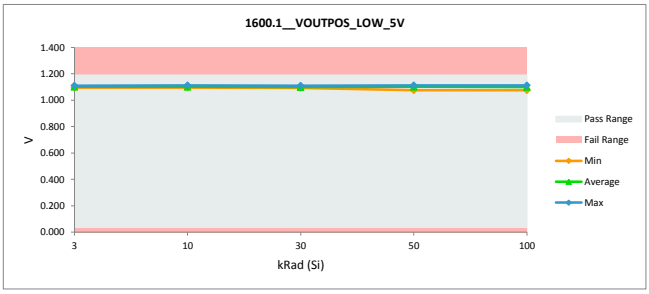
	1600.1__VOUTPOS_LOW_5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	1.099	1.100	-0.001
3	055B3	1.102	1.103	-0.001
3	056B3	1.101	1.102	-0.001
3	060B3	1.099	1.100	-0.001
3	061B3	1.107	1.107	0.000
3	062U3	1.105	1.105	0.000
3	064U3	1.100	1.101	-0.001
3	065U3	1.096	1.097	-0.001
3	066U3	1.095	1.095	-0.001
3	068U3	1.110	1.111	0.000
10	054B10	1.099	1.097	0.002
10	055B10	1.102	1.104	-0.002
10	056B10	1.101	1.101	0.000
10	060B10	1.099	1.098	0.001
10	061B10	1.107	1.108	-0.002
10	062U10	1.105	1.107	-0.002
10	064U10	1.100	1.100	0.001
10	065U10	1.096	1.095	0.001
10	066U10	1.095	1.095	-0.001
10	068U10	1.110	1.112	-0.002
30	054B30	1.099	1.095	0.005
30	055B30	1.102	1.101	0.000
30	056B30	1.101	1.099	0.002
30	060B30	1.099	1.095	0.004
30	061B30	1.107	1.105	0.001
30	062U30	1.105	1.104	0.001
30	064U30	1.100	1.097	0.003
30	065U30	1.096	1.093	0.003
30	066U30	1.095	1.093	0.002
30	068U30	1.110	1.110	0.000
50	069B50	1.099	1.096	0.002
50	070B50	1.102	1.101	0.001
50	071B50	1.101	1.099	0.002
50	072B50	1.109	1.107	0.001
50	073B50	1.104	1.102	0.002
50	074B50	1.109	1.109	0.000
50	075B50	1.108	1.104	0.004
50	076B50	1.112	1.112	0.000
50	077B50	1.102	1.101	0.002
50	078B50	1.098	1.095	0.003
50	079B50	1.109	1.108	0.001
50	080B50	1.102	1.100	0.002
50	083B50	1.097	1.093	0.004
50	084B50	1.101	1.099	0.002
50	085B50	1.105	1.103	0.002
50	089B50	1.097	1.093	0.004
50	095B50	1.107	1.107	0.001
50	096B50	1.113	1.113	0.000
50	100B50	1.109	1.107	0.002
50	101B50	1.080	1.075	0.004
50	103B50	1.109	1.108	0.001
50	104B50	1.101	1.104	-0.002
50	062U50	1.105	1.104	0.001
50	064U50	1.100	1.097	0.003
50	065U50	1.096	1.093	0.003
50	066U50	1.095	1.093	0.002
50	068U50	1.110	1.110	0.000
100	069B100	1.099	1.096	0.003
100	070B100	1.102	1.100	0.001
100	071B100	1.101	1.099	0.002
100	072B100	1.109	1.106	0.002
100	073B100	1.104	1.103	0.002
100	074B100	1.109	1.109	0.000
100	075B100	1.108	1.103	0.005
100	076B100	1.112	1.112	0.000
100	077B100	1.102	1.101	0.001
100	078B100	1.098	1.095	0.003
100	079B100	1.109	1.108	0.001
100	080B100	1.102	1.100	0.002
100	083B100	1.097	1.092	0.005
100	084B100	1.101	1.099	0.002
100	085B100	1.105	1.103	0.002
100	089B100	1.097	1.093	0.004
100	095B100	1.107	1.106	0.001
100	096B100	1.113	1.112	0.001
100	100B100	1.109	1.106	0.003
100	101B100	1.080	1.075	0.004
100	103B100	1.109	1.108	0.001
100	104B100	1.101	1.104	-0.003
100	062U100	1.105	1.103	0.002
100	064U100	1.100	1.097	0.004
100	065U100	1.096	1.092	0.004
100	066U100	1.095	1.092	0.003
100	068U100	1.110	1.109	0.001
	Max	1.113	1.113	0.005
	Average	1.102	1.101	0.001
	Min	1.080	1.075	-0.003
	Std Dev	0.006	0.007	0.002



	1600.1__VOUTPOS_LOW_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.19	V			
Min Limit	0.033	V			
kRad (Si)	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033
Min	1.096	1.095	1.093	1.075	1.075
Average	1.102	1.102	1.099	1.101	1.101
Max	1.111	1.112	1.110	1.113	1.112
UL	1.190	1.190	1.190	1.190	1.190



TID Report
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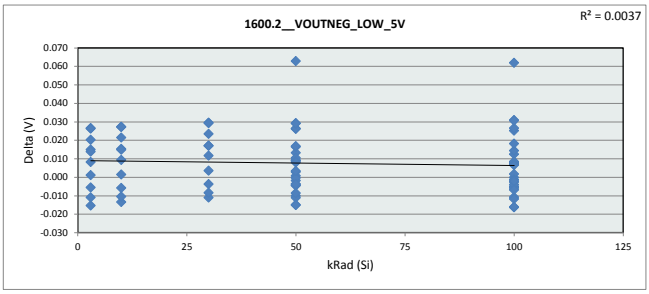
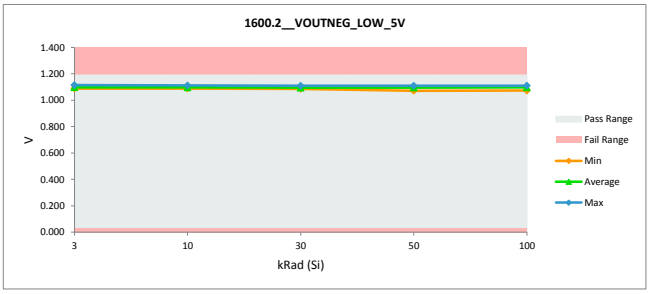
	1600.2__VOUTNEG_LOW_5V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	V	V	
Max Limit	1.19	1.19	
Min Limit	0.033	0.033	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	1.111	1.090	0.020
3	055B3	1.102	1.101	0.001
3	056B3	1.107	1.098	0.008
3	060B3	1.109	1.094	0.015
3	061B3	1.098	1.113	-0.015
3	062U3	1.097	1.102	-0.006
3	064U3	1.109	1.095	0.014
3	065U3	1.115	1.089	0.027
3	066U3	1.115	1.089	0.026
3	068U3	1.094	1.105	-0.011
10	054B10	1.111	1.089	0.021
10	055B10	1.102	1.100	0.001
10	056B10	1.107	1.097	0.009
10	060B10	1.109	1.093	0.015
10	061B10	1.098	1.111	-0.013
10	062U10	1.097	1.103	-0.006
10	064U10	1.109	1.094	0.015
10	065U10	1.115	1.088	0.027
10	066U10	1.115	1.088	0.027
10	068U10	1.094	1.105	-0.010
30	054B30	1.111	1.087	0.023
30	055B30	1.102	1.098	0.004
30	056B30	1.107	1.095	0.012
30	060B30	1.109	1.092	0.017
30	061B30	1.098	1.109	-0.011
30	062U30	1.097	1.100	-0.004
30	064U30	1.109	1.092	0.017
30	065U30	1.115	1.086	0.030
30	066U30	1.115	1.086	0.029
30	068U30	1.094	1.103	-0.008
50	069B50	1.107	1.094	0.013
50	070B50	1.105	1.095	0.009
50	071B50	1.106	1.097	0.009
50	072B50	1.093	1.103	-0.010
50	073B50	1.107	1.096	0.010
50	074B50	1.094	1.109	-0.015
50	075B50	1.099	1.101	-0.002
50	076B50	1.092	1.103	-0.011
50	077B50	1.104	1.096	0.009
50	078B50	1.105	1.097	0.008
50	079B50	1.094	1.099	-0.005
50	080B50	1.105	1.104	0.001
50	083B50	1.112	1.086	0.026
50	084B50	1.109	1.093	0.016
50	085B50	1.099	1.096	0.003
50	089B50	1.113	1.087	0.026
50	095B50	1.096	1.100	-0.004
50	096B50	1.088	1.104	-0.015
50	100B50	1.097	1.097	0.000
50	101B50	1.134	1.071	0.063
50	103B50	1.094	1.099	-0.004
50	104B50	1.103	1.099	0.003
50	062U50	1.097	1.100	-0.004
50	064U50	1.109	1.092	0.017
50	065U50	1.115	1.086	0.029
50	066U50	1.115	1.086	0.029
50	068U50	1.094	1.103	-0.009
100	069B100	1.107	1.095	0.013
100	070B100	1.105	1.096	0.008
100	071B100	1.106	1.099	0.008
100	072B100	1.093	1.104	-0.011
100	073B100	1.107	1.098	0.008
100	074B100	1.094	1.110	-0.016
100	075B100	1.099	1.101	-0.003
100	076B100	1.092	1.103	-0.012
100	077B100	1.104	1.097	0.007
100	078B100	1.105	1.098	0.007
100	079B100	1.094	1.100	-0.006
100	080B100	1.105	1.105	0.000
100	083B100	1.112	1.087	0.025
100	084B100	1.109	1.095	0.014
100	085B100	1.099	1.097	0.002
100	089B100	1.113	1.086	0.027
100	095B100	1.096	1.101	-0.005
100	096B100	1.088	1.105	-0.016
100	100B100	1.097	1.098	-0.001
100	101B100	1.134	1.072	0.062
100	103B100	1.094	1.100	-0.005
100	104B100	1.103	1.107	-0.004
100	062U100	1.097	1.099	-0.002
100	064U100	1.109	1.091	0.018
100	065U100	1.115	1.085	0.031
100	066U100	1.115	1.085	0.031
100	068U100	1.094	1.101	-0.007
	Max	1.134	1.113	0.063
	Average	1.104	1.096	0.008
	Min	1.088	1.071	-0.016
	Std Dev	0.009	0.008	0.016



	1600.2__VOUTNEG_LOW_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.19	V			
Min Limit	0.033	V			
kRad (Si)	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033
Min	1.089	1.088	1.086	1.071	1.072
Average	1.098	1.097	1.095	1.096	1.097
Max	1.113	1.111	1.109	1.109	1.110
UL	1.190	1.190	1.190	1.190	1.190



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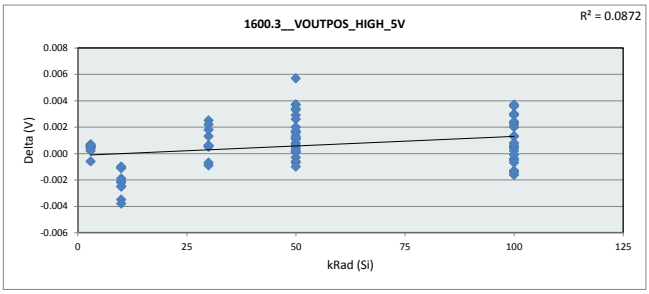
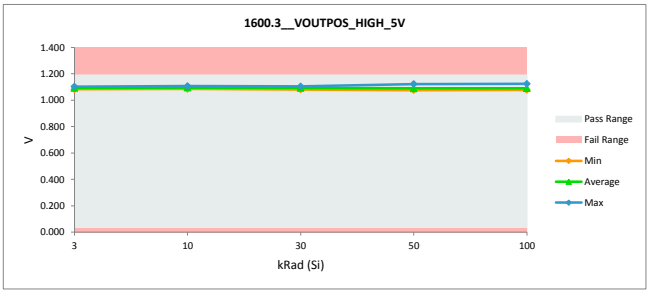
	1600.3__VOUTPOS_HIGH_5V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	V	V	
Max Limit	1.19	1.19	
Min Limit	0.033	0.033	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	1.099	1.098	0.001
3	055B3	1.090	1.089	0.001
3	056B3	1.095	1.094	0.001
3	060B3	1.097	1.096	0.000
3	061B3	1.086	1.087	-0.001
3	062U3	1.085	1.084	0.000
3	064U3	1.097	1.097	0.001
3	065U3	1.104	1.103	0.001
3	066U3	1.103	1.103	0.001
3	068U3	1.082	1.082	0.000
10	054B10	1.099	1.100	-0.001
10	055B10	1.090	1.092	-0.002
10	056B10	1.095	1.096	-0.001
10	060B10	1.097	1.099	-0.002
10	061B10	1.086	1.088	-0.002
10	062U10	1.085	1.088	-0.003
10	064U10	1.097	1.098	-0.001
10	065U10	1.104	1.106	-0.002
10	066U10	1.103	1.107	-0.004
10	068U10	1.082	1.085	-0.003
30	054B30	1.099	1.096	0.003
30	055B30	1.090	1.088	0.001
30	056B30	1.095	1.092	0.002
30	060B30	1.097	1.096	0.001
30	061B30	1.086	1.086	0.000
30	062U30	1.085	1.086	-0.001
30	064U30	1.097	1.095	0.002
30	065U30	1.104	1.103	0.001
30	066U30	1.103	1.104	-0.001
30	068U30	1.082	1.082	0.001
50	069B50	1.095	1.094	0.001
50	070B50	1.092	1.092	0.001
50	071B50	1.094	1.091	0.003
50	072B50	1.081	1.081	0.000
50	073B50	1.095	1.091	0.004
50	074B50	1.082	1.079	0.003
50	075B50	1.087	1.086	0.001
50	076B50	1.080	1.078	0.001
50	077B50	1.092	1.089	0.003
50	078B50	1.093	1.091	0.002
50	079B50	1.082	1.081	0.001
50	080B50	1.092	1.089	0.004
50	083B50	1.100	1.098	0.002
50	084B50	1.097	1.094	0.003
50	085B50	1.087	1.086	0.001
50	089B50	1.101	1.099	0.002
50	095B50	1.084	1.084	0.000
50	096B50	1.076	1.076	0.000
50	100B50	1.085	1.083	0.001
50	101B50	1.122	1.123	-0.001
50	103B50	1.082	1.083	0.000
50	104B50	1.091	1.085	0.006
50	062U50	1.085	1.085	-0.001
50	064U50	1.097	1.096	0.002
50	065U50	1.104	1.103	0.000
50	066U50	1.103	1.104	-0.001
50	068U50	1.082	1.082	0.000
100	069B100	1.095	1.094	0.001
100	070B100	1.092	1.093	0.000
100	071B100	1.094	1.092	0.002
100	072B100	1.081	1.083	-0.001
100	073B100	1.095	1.091	0.004
100	074B100	1.082	1.080	0.002
100	075B100	1.087	1.088	-0.002
100	076B100	1.080	1.079	0.000
100	077B100	1.092	1.089	0.003
100	078B100	1.093	1.092	0.001
100	079B100	1.082	1.082	0.000
100	080B100	1.092	1.090	0.002
100	083B100	1.100	1.099	0.001
100	084B100	1.097	1.094	0.004
100	085B100	1.087	1.087	-0.001
100	089B100	1.101	1.100	0.001
100	095B100	1.084	1.085	-0.001
100	096B100	1.076	1.078	-0.001
100	100B100	1.085	1.085	0.000
100	101B100	1.122	1.124	-0.002
100	103B100	1.082	1.084	-0.001
100	104B100	1.091	1.088	0.003
100	062U100	1.085	1.084	0.001
100	064U100	1.097	1.094	0.004
100	065U100	1.104	1.101	0.002
100	066U100	1.103	1.102	0.001
100	068U100	1.082	1.080	0.002
	Max	1.122	1.124	0.006
	Average	1.092	1.091	0.001
	Min	1.076	1.076	-0.004
	Std Dev	0.009	0.009	0.002



	1600.3__VOUTPOS_HIGH_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.19	V			
Min Limit	0.033	V			
kRad (Si)	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033
Min	1.082	1.085	1.082	1.076	1.078
Average	1.093	1.096	1.093	1.090	1.090
Max	1.103	1.107	1.104	1.123	1.124
UL	1.190	1.190	1.190	1.190	1.190



TID Report
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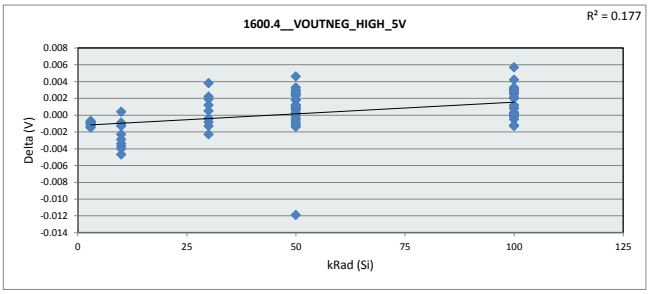
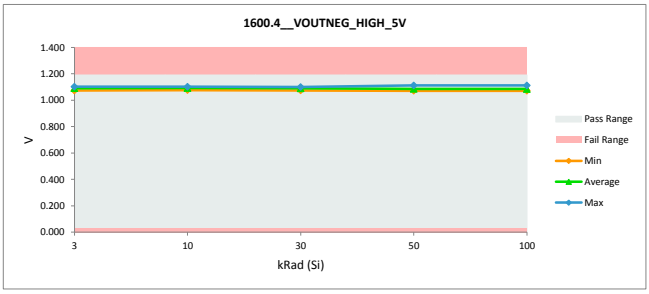
	1600.4__VOUTNEG_HIGH_5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	1.100	1.101	-0.001
3	055B3	1.084	1.085	-0.001
3	056B3	1.091	1.093	-0.001
3	060B3	1.097	1.098	-0.001
3	061B3	1.071	1.072	-0.002
3	062U3	1.084	1.085	-0.001
3	064U3	1.095	1.096	-0.001
3	065U3	1.101	1.102	-0.001
3	066U3	1.095	1.096	-0.001
3	068U3	1.077	1.078	-0.001
10	054B10	1.100	1.100	0.000
10	055B10	1.084	1.088	-0.004
10	056B10	1.091	1.094	-0.002
10	060B10	1.097	1.098	-0.001
10	061B10	1.071	1.076	-0.005
10	062U10	1.084	1.088	-0.004
10	064U10	1.095	1.096	-0.001
10	065U10	1.101	1.102	-0.001
10	066U10	1.095	1.099	-0.003
10	068U10	1.077	1.080	-0.003
30	054B30	1.100	1.096	0.004
30	055B30	1.084	1.085	0.000
30	056B30	1.091	1.091	0.000
30	060B30	1.097	1.095	0.002
30	061B30	1.071	1.073	-0.002
30	062U30	1.084	1.086	-0.001
30	064U30	1.095	1.093	0.002
30	065U30	1.101	1.100	0.001
30	066U30	1.095	1.096	-0.001
30	068U30	1.077	1.077	0.000
50	069B50	1.088	1.087	0.001
50	070B50	1.083	1.083	0.000
50	071B50	1.087	1.084	0.003
50	072B50	1.078	1.077	0.001
50	073B50	1.086	1.083	0.003
50	074B50	1.072	1.071	0.000
50	075B50	1.082	1.081	0.001
50	076B50	1.076	1.075	0.001
50	077B50	1.088	1.085	0.003
50	078B50	1.092	1.089	0.002
50	079B50	1.085	1.083	0.002
50	080B50	1.082	1.080	0.002
50	083B50	1.099	1.096	0.003
50	084B50	1.091	1.086	0.005
50	085B50	1.087	1.086	0.001
50	089B50	1.101	1.100	0.001
50	095B50	1.081	1.082	-0.001
50	096B50	1.078	1.078	-0.001
50	100B50	1.082	1.080	0.003
50	101B50	1.110	1.112	-0.001
50	103B50	1.081	1.081	0.000
50	104B50	1.073	1.085	-0.012
50	062U50	1.084	1.086	-0.001
50	064U50	1.095	1.093	0.002
50	065U50	1.101	1.100	0.001
50	066U50	1.095	1.096	-0.001
50	068U50	1.077	1.077	0.000
100	069B100	1.088	1.087	0.001
100	070B100	1.083	1.083	0.000
100	071B100	1.087	1.084	0.003
100	072B100	1.078	1.077	0.000
100	073B100	1.086	1.082	0.004
100	074B100	1.072	1.072	0.000
100	075B100	1.082	1.082	0.000
100	076B100	1.076	1.075	0.000
100	077B100	1.088	1.084	0.003
100	078B100	1.092	1.089	0.002
100	079B100	1.085	1.083	0.002
100	080B100	1.082	1.080	0.002
100	083B100	1.099	1.096	0.003
100	084B100	1.091	1.085	0.006
100	085B100	1.087	1.086	0.001
100	089B100	1.101	1.101	0.000
100	095B100	1.081	1.082	-0.001
100	096B100	1.078	1.078	0.000
100	100B100	1.082	1.080	0.003
100	101B100	1.110	1.112	-0.001
100	103B100	1.081	1.081	0.000
100	104B100	1.073	1.073	0.000
100	062U100	1.084	1.084	0.000
100	064U100	1.095	1.092	0.003
100	065U100	1.101	1.099	0.002
100	066U100	1.095	1.095	0.000
100	068U100	1.077	1.076	0.001
	Max	1.110	1.112	0.006
	Average	1.088	1.087	0.000
	Min	1.071	1.071	-0.012
	Std Dev	0.009	0.009	0.002



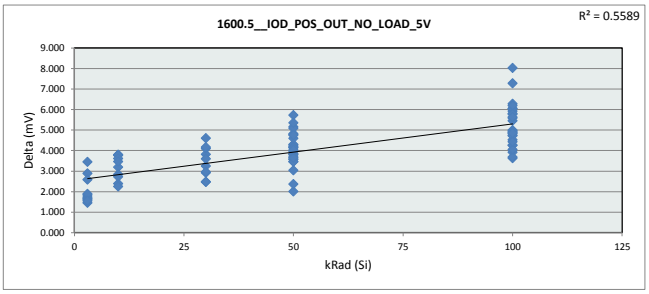
	1600.4__VOUTNEG_HIGH_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.19	V			
Min Limit	0.033	V			
kRad (Si)	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033
Min	1.073	1.076	1.073	1.072	1.072
Average	1.091	1.092	1.089	1.086	1.085
Max	1.102	1.102	1.100	1.112	1.112
UL	1.190	1.190	1.190	1.190	1.190



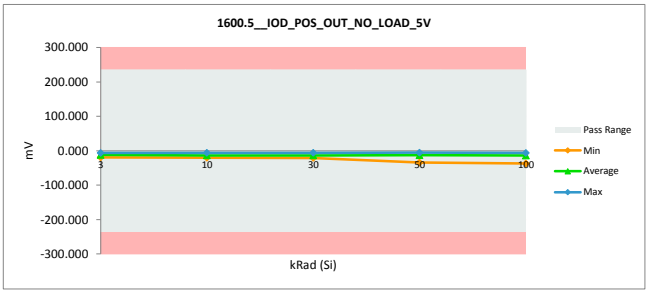
TID Report
LMH5401-SP LDR

	1600.5__IOD_POS_OUT_NO_LO	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-11.820	-13.553	1.733
3	055B3	-8.916	-10.755	1.839
3	056B3	-10.216	-11.885	1.670
3	060B3	-10.189	-11.640	1.451
3	061B3	-6.983	-10.433	3.450
3	062U3	-6.315	-9.200	2.885
3	064U3	-10.767	-12.389	1.622
3	065U3	-14.593	-16.480	1.887
3	066U3	-17.872	-19.427	1.555
3	068U3	-3.723	-6.307	2.584
10	054B10	-11.820	-15.619	3.799
10	055B10	-8.916	-11.306	2.390
10	056B10	-10.216	-13.409	3.193
10	060B10	-10.189	-13.966	3.777
10	061B10	-6.983	-10.759	3.776
10	062U10	-6.315	-9.153	2.839
10	064U10	-10.767	-14.379	3.612
10	065U10	-14.593	-18.056	3.463
10	066U10	-17.872	-20.593	2.721
10	068U10	-3.723	-5.974	2.251
30	054B30	-11.820	-15.634	3.814
30	055B30	-8.916	-11.389	2.474
30	056B30	-10.216	-13.463	3.247
30	060B30	-10.189	-14.788	4.599
30	061B30	-6.983	-10.582	3.599
30	062U30	-6.315	-9.232	2.917
30	064U30	-10.767	-14.861	4.094
30	065U30	-14.593	-18.761	4.168
30	066U30	-17.872	-20.830	2.958
30	068U30	-3.723	-6.196	2.473
50	069B50	-10.784	-14.477	3.693
50	070B50	-9.578	-13.404	3.826
50	071B50	-9.981	-13.826	3.845
50	072B50	-4.207	-8.980	4.773
50	073B50	-9.021	-13.290	4.269
50	074B50	-5.721	-9.911	4.190
50	075B50	-5.290	-11.012	5.722
50	076B50	-1.747	-5.323	3.576
50	077B50	-7.132	-10.715	3.584
50	078B50	-10.947	-15.247	4.301
50	079B50	-2.794	-6.254	3.460
50	080B50	-9.969	-14.788	4.819
50	083B50	-12.473	-16.635	4.162
50	084B50	-10.205	-13.999	3.795
50	085B50	-6.865	-10.333	3.468
50	089B50	-12.931	-15.967	3.037
50	095B50	-5.504	-9.456	3.952
50	096B50	-1.725	-5.379	3.654
50	100B50	-1.978	-6.112	4.134
50	101B50	-32.406	-34.412	2.006
50	103B50	-3.928	-7.950	4.023
50	104B50	-11.128	-13.496	2.368
50	062U50	-6.315	-11.470	5.155
50	064U50	-10.767	-15.855	5.088
50	065U50	-14.593	-19.943	5.351
50	066U50	-17.872	-22.469	4.597
50	068U50	-3.723	-8.477	4.754
100	069B100	-10.784	-15.051	4.266
100	070B100	-9.578	-15.160	5.582
100	071B100	-9.981	-14.728	4.747
100	072B100	-4.207	-11.487	7.280
100	073B100	-9.021	-13.863	4.843
100	074B100	-5.721	-11.173	5.451
100	075B100	-5.290	-13.317	8.027
100	076B100	-1.747	-6.275	4.528
100	077B100	-7.132	-11.046	3.914
100	078B100	-10.947	-16.870	5.923
100	079B100	-2.794	-7.785	4.991
100	080B100	-9.969	-16.008	6.039
100	083B100	-12.473	-17.420	4.948
100	084B100	-10.205	-13.835	3.630
100	085B100	-6.865	-12.668	5.803
100	089B100	-12.931	-17.180	4.249
100	095B100	-5.504	-11.556	6.052
100	096B100	-1.725	-8.002	6.277
100	100B100	-1.978	-8.171	6.193
100	101B100	-32.406	-37.124	4.718
100	103B100	-3.928	-9.698	5.770
100	104B100	-11.128	-14.813	3.685
100	062U100	-6.315	-11.950	5.635
100	064U100	-10.767	-14.819	4.052
100	065U100	-14.593	-19.022	4.429
100	066U100	-17.872	-22.773	4.901
100	068U100	-3.723	-8.576	4.853
	Max	-1.725	-5.323	8.027
	Average	-9.326	-13.340	4.015
	Min	-32.406	-37.124	1.451
	Std Dev	5.523	5.345	1.329



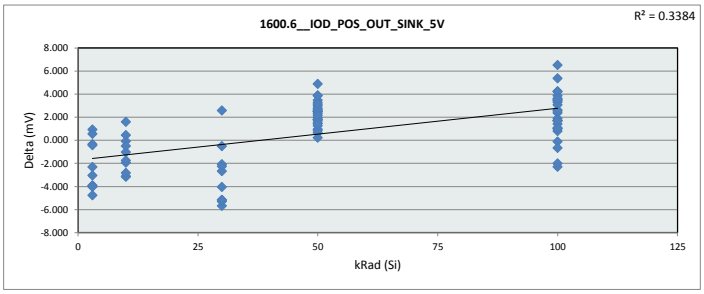
	1600.5__IOD_POS_OUT_NO_L				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-19.427	-20.593	-20.830	-34.412	-37.124
Average	-12.207	-13.322	-13.574	-12.933	-14.088
Max	-6.307	-5.974	-6.196	-5.323	-6.275
UL	235.000	235.000	235.000	235.000	235.000



TID Report
LMH5401-SP LDR

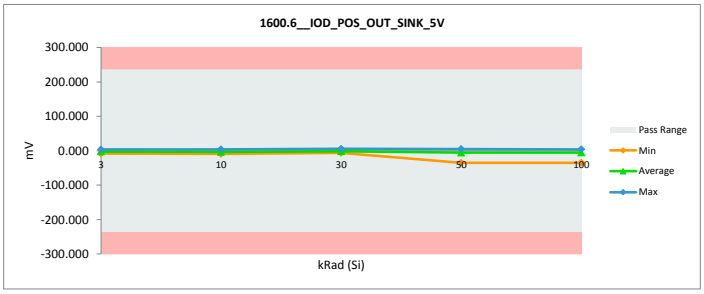
	1600.6__IOD_POS_OUT_SINK_5	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-6.444	-2.495	-3.949
3	055B3	-3.074	-2.736	-0.338
3	056B3	-3.778	-1.469	-2.310
3	060B3	-5.669	-0.903	-4.766
3	061B3	-0.149	-1.087	0.937
3	062U3	0.091	-0.469	0.560
3	064U3	-5.245	-1.344	-3.901
3	065U3	-11.877	-7.842	-4.035
3	066U3	-10.765	-7.720	-3.045
3	068U3	3.498	3.926	-0.428
10	054B10	-6.444	-3.283	-3.161
10	055B10	-3.074	-2.986	-0.087
10	056B10	-3.778	-2.754	-1.024
10	060B10	-5.669	-2.552	-3.117
10	061B10	-0.149	-1.739	1.590
10	062U10	0.091	-0.355	0.447
10	064U10	-5.245	-3.305	-1.940
10	065U10	-11.877	-9.050	-2.827
10	066U10	-10.765	-9.025	-1.740
10	068U10	3.498	3.999	-0.501
30	054B30	-6.444	-0.771	-5.673
30	055B30	-3.074	-2.565	-0.509
30	056B30	-3.778	-1.700	-2.078
30	060B30	-5.669	-1.624	-4.045
30	061B30	-0.149	-2.728	2.579
30	062U30	0.091	2.769	-2.678
30	064U30	-5.245	-0.075	-5.170
30	065U30	-11.877	-6.583	-5.294
30	066U30	-10.765	-5.601	-5.164
30	068U30	3.498	5.756	-2.258
50	069B50	-5.446	-7.144	1.698
50	070B50	-4.317	-6.116	1.799
50	071B50	-4.233	-6.760	2.527
50	072B50	3.576	0.115	3.461
50	073B50	-3.214	-5.684	2.471
50	074B50	1.962	-0.583	2.544
50	075B50	1.643	-3.239	4.881
50	076B50	5.156	4.196	0.959
50	077B50	-1.871	-3.850	1.979
50	078B50	-4.847	-8.111	3.264
50	079B50	4.347	2.561	1.786
50	080B50	-4.945	-7.929	2.985
50	083B50	-8.453	-9.306	0.853
50	084B50	-4.571	-6.393	1.822
50	085B50	-0.206	-1.698	1.492
50	089B50	-9.214	-9.866	0.652
50	095B50	1.063	-1.259	2.321
50	096B50	6.398	5.129	1.270
50	100B50	4.654	1.882	2.772
50	101B50	-33.441	-34.878	1.437
50	103B50	3.639	1.142	2.497
50	104B50	-6.546	-6.765	0.219
50	062U50	0.091	-3.775	3.867
50	064U50	-5.245	-7.932	2.687
50	065U50	-11.877	-14.042	2.165
50	066U50	-10.765	-14.648	3.883
50	068U50	3.498	0.374	3.125
100	069B100	-5.446	-7.154	1.708
100	070B100	-4.317	-7.799	3.483
100	071B100	-4.233	-7.810	3.577
100	072B100	3.576	-1.785	5.361
100	073B100	-3.214	-5.583	2.370
100	074B100	1.962	-1.337	3.299
100	075B100	1.643	-4.877	6.520
100	076B100	5.156	4.110	1.046
100	077B100	-1.871	-3.579	1.708
100	078B100	-4.847	-9.095	4.248
100	079B100	4.347	1.732	2.615
100	080B100	-4.945	-8.813	3.869
100	083B100	-8.453	-9.239	0.785
100	084B100	-4.571	-6.456	1.885
100	085B100	-0.206	-3.277	3.070
100	089B100	-9.214	-9.104	-0.110
100	095B100	1.063	-2.354	3.416
100	096B100	6.398	3.859	2.540
100	100B100	4.654	0.443	4.211
100	101B100	-33.441	-34.855	1.414
100	103B100	3.639	0.029	3.610
100	104B100	-6.546	-7.547	1.001
100	062U100	0.091	-1.596	1.688
100	064U100	-5.245	-2.948	-2.297
100	065U100	-11.877	-9.863	-2.014
100	066U100	-10.765	-10.108	-0.657
100	068U100	3.498	2.434	1.065
	Max	6.398	5.756	6.520
	Average	-3.531	-4.208	0.677
	Min	-33.441	-34.878	-5.673
	Std Dev	6.894	6.535	2.794



	1600.6__IOD_POS_OUT_SINK	
Test Site	Dallas	
Tester	ETS364	
Test Number	EF868301	
Max Limit	235	mV
Min Limit	-235	mV

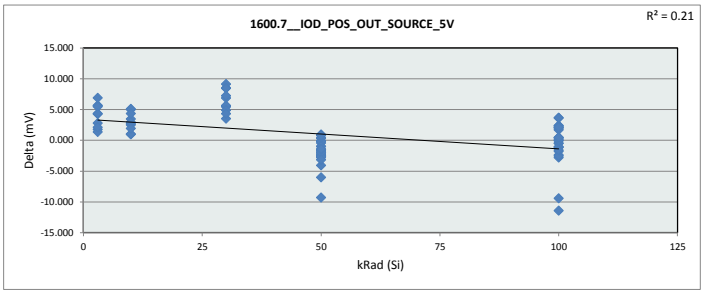
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-7.842	-9.050	-6.583	-34.878	-34.855
Average	-2.214	-3.105	-1.312	-5.355	-5.280
Max	3.926	3.999	5.757	5.129	4.110
UL	235.000	235.000	235.000	235.000	235.000



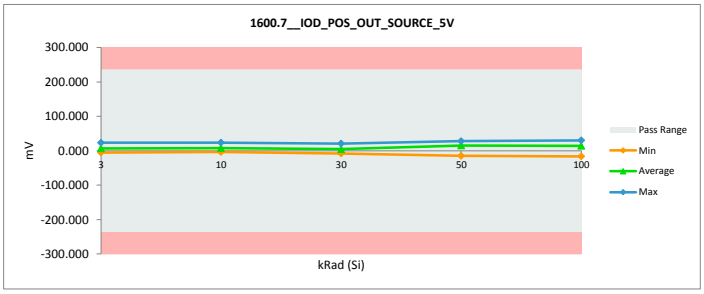
TID Report
LMH5401-SP LDR

	1600.7__IOD_POS_OUT_SOURC	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	4.002	-1.665	5.667
3	055B3	15.186	13.421	1.766
3	056B3	9.156	4.885	4.271
3	060B3	6.309	-0.590	6.900
3	061B3	23.111	20.330	2.781
3	062U3	19.932	18.588	1.344
3	064U3	6.509	0.910	5.599
3	065U3	1.443	-4.025	5.467
3	066U3	-0.589	-4.926	4.337
3	068U3	25.485	23.373	2.112
10	054B10	4.002	-0.981	4.983
10	055B10	15.186	14.212	0.975
10	056B10	9.156	6.650	2.506
10	060B10	6.309	1.210	5.099
10	061B10	23.111	20.426	2.685
10	062U10	19.932	18.928	1.005
10	064U10	6.509	3.058	3.451
10	065U10	1.443	-2.894	4.336
10	066U10	-0.589	-3.526	2.937
10	068U10	25.485	23.567	1.918
30	054B30	4.002	-4.471	8.473
30	055B30	15.186	11.683	3.503
30	056B30	9.156	3.720	5.436
30	060B30	6.309	-2.817	9.127
30	061B30	23.111	17.462	5.650
30	062U30	19.932	15.048	4.884
30	064U30	6.509	-0.348	6.856
30	065U30	1.443	-7.043	8.486
30	066U30	-0.589	-7.829	7.240
30	068U30	25.485	21.165	4.320
50	069B50	9.028	9.099	-0.071
50	070B50	13.967	15.473	-1.506
50	071B50	10.696	13.261	-2.566
50	072B50	25.271	26.276	-1.006
50	073B50	12.088	14.881	-2.793
50	074B50	27.771	26.829	0.942
50	075B50	20.331	20.775	-0.444
50	076B50	28.108	27.794	0.314
50	077B50	12.181	14.743	-2.561
50	078B50	8.799	11.258	-2.459
50	079B50	21.121	25.196	-4.075
50	080B50	14.525	16.877	-2.352
50	083B50	2.923	3.135	-0.212
50	084B50	-1.160	8.148	-9.308
50	085B50	9.179	15.214	-6.035
50	089B50	2.738	2.338	0.401
50	095B50	22.056	24.141	-2.085
50	096B50	27.823	27.010	0.813
50	100B50	21.851	22.829	-0.978
50	101B50	-14.073	-14.880	0.806
50	103B50	23.436	25.359	-1.923
50	104B50	19.203	21.813	-2.611
50	062U50	19.932	21.642	-1.709
50	064U50	6.509	8.498	-1.989
50	065U50	1.443	2.957	-1.514
50	066U50	-0.589	2.579	-3.168
50	068U50	25.485	26.916	-1.431
100	069B100	9.028	7.157	1.871
100	070B100	13.967	13.816	0.152
100	071B100	10.696	12.480	-1.784
100	072B100	25.271	24.906	0.365
100	073B100	12.088	14.473	-2.385
100	074B100	27.771	28.254	-0.483
100	075B100	20.331	18.181	2.149
100	076B100	28.108	27.633	0.475
100	077B100	12.181	13.334	-1.153
100	078B100	8.799	9.878	-1.079
100	079B100	21.121	23.934	-2.814
100	080B100	14.525	15.003	-0.478
100	083B100	2.923	0.530	2.392
100	084B100	-1.160	10.276	-11.435
100	085B100	9.179	18.603	-9.424
100	089B100	2.738	0.359	2.379
100	095B100	22.056	23.121	-1.065
100	096B100	27.823	30.363	-2.541
100	100B100	21.851	20.154	1.697
100	101B100	-14.073	-16.156	2.083
100	103B100	23.436	23.512	-0.075
100	104B100	19.203	20.798	-1.595
100	062U100	19.932	19.949	-0.017
100	064U100	6.509	2.884	3.625
100	065U100	1.443	-2.233	3.676
100	066U100	-0.589	-2.686	2.097
100	068U100	25.485	25.046	0.439
	Max	28.108	30.363	9.127
	Average	12.773	11.920	0.853
	Min	-14.073	-16.156	-11.435
	Std Dev	10.087	11.334	3.817

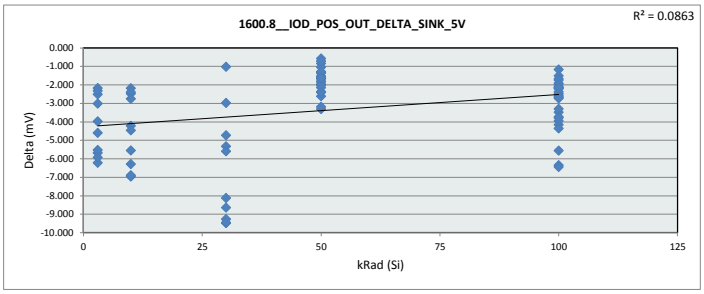


	1600.7__IOD_POS_OUT_SOUR				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-4.926	-3.526	-7.829	-14.880	-16.156
Average	7.030	8.065	4.657	15.561	14.206
Max	23.373	23.567	21.165	27.794	30.363
UL	235.000	235.000	235.000	235.000	235.000

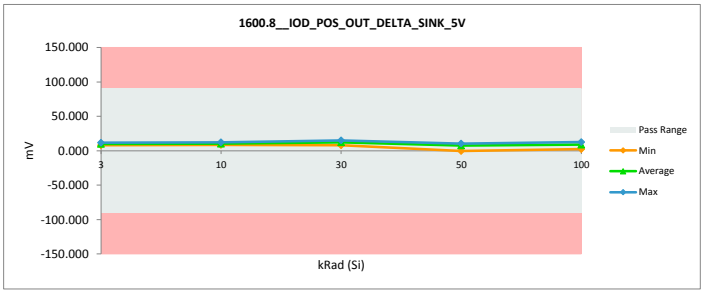


TID Report
LMH5401-SP LDR

	1600.8__IOD_POS_OUT_DELTA		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	mV	mV	
Max Limit	90	90	
Min Limit	-90	-90	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	5.376	11.058	-5.681
3	055B3	5.842	8.019	-2.177
3	056B3	6.437	10.417	-3.979
3	060B3	4.520	10.737	-6.217
3	061B3	6.834	9.347	-2.512
3	062U3	6.406	8.731	-2.325
3	064U3	5.522	11.045	-5.523
3	065U3	2.716	8.637	-5.922
3	066U3	7.107	11.707	-4.601
3	068U3	7.221	10.233	-3.012
10	054B10	5.376	12.337	-6.960
10	055B10	5.842	8.320	-2.478
10	056B10	6.437	10.654	-4.217
10	060B10	4.520	11.414	-6.894
10	061B10	6.834	9.020	-2.186
10	062U10	6.406	8.798	-2.392
10	064U10	5.522	11.074	-5.552
10	065U10	2.716	9.007	-6.291
10	066U10	7.107	11.568	-4.461
10	068U10	7.221	9.973	-2.752
30	054B30	5.376	14.863	-9.487
30	055B30	5.842	8.825	-2.983
30	056B30	6.437	11.763	-5.325
30	060B30	4.520	13.164	-8.644
30	061B30	6.834	7.855	-1.020
30	062U30	6.406	12.001	-5.595
30	064U30	5.522	14.786	-9.264
30	065U30	2.716	12.178	-9.462
30	066U30	7.107	15.228	-8.122
30	068U30	7.221	11.952	-4.731
50	069B50	5.338	7.333	-1.995
50	070B50	5.262	7.288	-2.026
50	071B50	5.748	7.066	-1.318
50	072B50	7.784	9.095	-1.311
50	073B50	5.807	7.606	-1.799
50	074B50	7.683	9.328	-1.645
50	075B50	6.933	7.774	-0.841
50	076B50	6.903	9.519	-2.617
50	077B50	5.261	6.866	-1.605
50	078B50	6.100	7.136	-1.037
50	079B50	7.141	8.814	-1.674
50	080B50	5.024	6.859	-1.835
50	083B50	4.020	7.329	-3.309
50	084B50	5.634	7.607	-1.973
50	085B50	6.658	8.634	-1.976
50	089B50	3.717	6.101	-2.385
50	095B50	6.567	8.198	-1.631
50	096B50	8.123	10.508	-2.385
50	100B50	6.632	7.994	-1.362
50	101B50	-1.035	-0.465	-0.569
50	103B50	7.567	9.092	-1.525
50	104B50	4.582	6.731	-2.149
50	062U50	6.406	7.695	-1.288
50	064U50	5.522	7.923	-2.401
50	065U50	2.716	5.901	-3.185
50	066U50	7.107	7.821	-0.715
50	068U50	7.221	8.851	-1.629
100	069B100	5.338	7.897	-2.559
100	070B100	5.262	7.361	-2.099
100	071B100	5.748	6.918	-1.170
100	072B100	7.784	9.703	-1.919
100	073B100	5.807	8.280	-2.473
100	074B100	7.683	9.835	-2.153
100	075B100	6.933	8.440	-1.508
100	076B100	6.903	10.385	-3.482
100	077B100	5.261	7.467	-2.206
100	078B100	6.100	7.775	-1.675
100	079B100	7.141	9.517	-2.376
100	080B100	5.024	7.195	-2.171
100	083B100	4.020	8.182	-4.162
100	084B100	5.634	7.379	-1.745
100	085B100	6.658	9.392	-2.733
100	089B100	3.717	8.076	-4.359
100	095B100	6.567	9.202	-2.636
100	096B100	8.123	11.861	-3.737
100	100B100	6.632	8.614	-1.982
100	101B100	-1.035	2.269	-3.304
100	103B100	7.567	9.727	-2.160
100	104B100	4.582	7.266	-2.684
100	062U100	6.406	10.353	-3.947
100	064U100	5.522	11.871	-6.349
100	065U100	2.716	9.158	-6.443
100	066U100	7.107	12.665	-5.559
100	068U100	7.221	11.010	-3.788
	Max	8.123	15.228	-0.569
	Average	5.795	9.132	-3.337
	Min	-1.035	-0.465	-9.487
	Std Dev	1.691	2.393	2.150



	1600.8__IOD_POS_OUT_DELT				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	90	mV			
Min Limit	-90	mV			
kRad (Si)	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	8.020	8.320	7.855	-0.466	2.269
Average	9.993	10.216	12.262	7.578	8.807
Max	11.707	12.337	15.228	10.508	12.665
UL	90.000	90.000	90.000	90.000	90.000



TID Report
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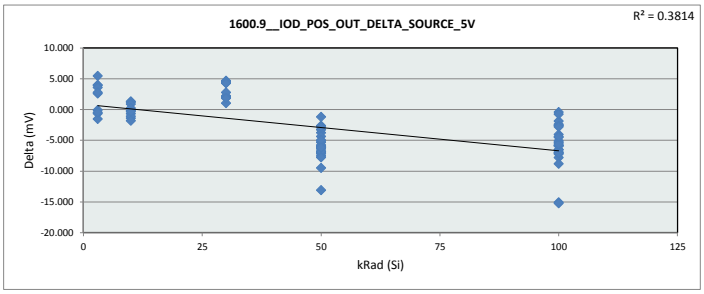
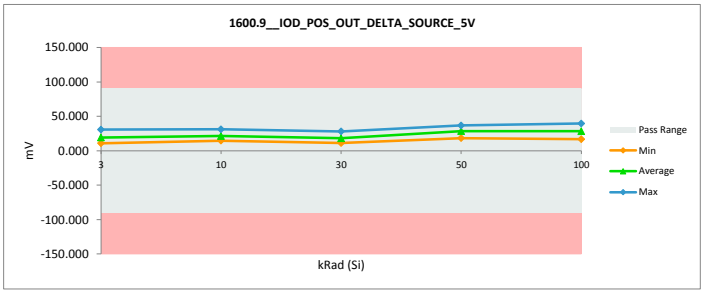
	1600.9__IOD_POS_OUT_DELTA		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	mV	mV	
Max Limit	90	90	
Min Limit	-90	-90	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	15.822	11.888	3.934
3	055B3	24.102	24.176	-0.073
3	056B3	19.372	16.771	2.602
3	060B3	16.498	11.050	5.448
3	061B3	30.095	30.763	-0.669
3	062U3	26.247	27.788	-1.541
3	064U3	17.276	13.299	3.977
3	065U3	16.036	12.455	3.581
3	066U3	17.283	14.501	2.782
3	068U3	29.208	29.680	-0.472
10	054B10	15.822	14.638	1.184
10	055B10	24.102	25.518	-1.415
10	056B10	19.372	20.059	-0.687
10	060B10	16.498	15.177	1.322
10	061B10	30.095	31.185	-1.090
10	062U10	26.247	28.081	-1.834
10	064U10	17.276	17.437	-0.161
10	065U10	16.036	15.163	0.873
10	066U10	17.283	17.067	0.215
10	068U10	29.208	29.541	-0.333
30	054B30	15.822	11.163	4.659
30	055B30	24.102	23.073	1.029
30	056B30	19.372	17.183	2.189
30	060B30	16.498	11.971	4.528
30	061B30	30.095	28.044	2.051
30	062U30	26.247	24.280	1.967
30	064U30	17.276	14.514	2.762
30	065U30	16.036	11.718	4.318
30	066U30	17.283	13.001	4.282
30	068U30	29.208	27.361	1.847
50	069B50	19.812	23.576	-3.764
50	070B50	23.546	28.877	-5.331
50	071B50	20.677	27.087	-6.410
50	072B50	29.478	35.256	-5.778
50	073B50	21.108	28.171	-7.062
50	074B50	33.492	36.740	-3.247
50	075B50	25.621	31.787	-6.167
50	076B50	29.854	33.116	-3.262
50	077B50	19.313	25.458	-6.145
50	078B50	19.746	26.506	-6.760
50	079B50	23.914	31.450	-7.535
50	080B50	24.494	31.665	-7.171
50	083B50	15.396	19.770	-4.374
50	084B50	9.045	22.147	-13.103
50	085B50	16.044	25.547	-9.503
50	089B50	15.669	18.305	-2.636
50	095B50	27.560	33.597	-6.038
50	096B50	29.548	32.389	-2.841
50	100B50	23.829	28.941	-5.112
50	101B50	18.333	19.532	-1.199
50	103B50	27.364	33.309	-5.945
50	104B50	30.331	35.310	-4.979
50	062U50	26.247	33.112	-6.865
50	064U50	17.276	24.353	-7.077
50	065U50	16.036	22.900	-6.864
50	066U50	17.283	25.048	-7.765
50	068U50	29.208	35.393	-6.185
100	069B100	19.812	22.208	-2.396
100	070B100	23.546	28.976	-5.430
100	071B100	20.677	27.208	-6.531
100	072B100	29.478	36.393	-6.915
100	073B100	21.108	28.337	-7.228
100	074B100	33.492	39.426	-5.934
100	075B100	25.621	31.499	-5.878
100	076B100	29.854	33.908	-4.053
100	077B100	19.313	24.380	-5.067
100	078B100	19.746	26.748	-7.003
100	079B100	23.914	31.719	-7.805
100	080B100	24.494	31.011	-6.517
100	083B100	15.396	17.951	-2.555
100	084B100	9.045	24.111	-15.066
100	085B100	16.044	31.272	-15.228
100	089B100	15.669	17.539	-1.870
100	095B100	27.560	34.677	-7.117
100	096B100	29.548	38.365	-8.817
100	100B100	23.829	28.325	-4.496
100	101B100	18.333	20.968	-2.635
100	103B100	27.364	33.209	-5.845
100	104B100	30.331	35.611	-5.280
100	062U100	26.247	31.899	-5.651
100	064U100	17.276	17.702	-0.427
100	065U100	16.036	16.789	-0.753
100	066U100	17.283	20.087	-2.804
100	068U100	29.208	33.621	-4.414
	Max	33.492	39.426	5.448
	Average	22.098	25.260	-3.161
	Min	9.045	11.050	-15.228
	Std Dev	5.761	7.637	4.441



	1600.9__IOD_POS_OUT_DELT				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	90	mV			
Min Limit	-90	mV			
kRad (Si)	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	11.050	14.638	11.163	18.305	16.789
Average	19.237	21.387	18.231	28.494	28.294
Max	30.763	31.185	28.044	36.740	39.427
UL	90.000	90.000	90.000	90.000	90.000



TID Report
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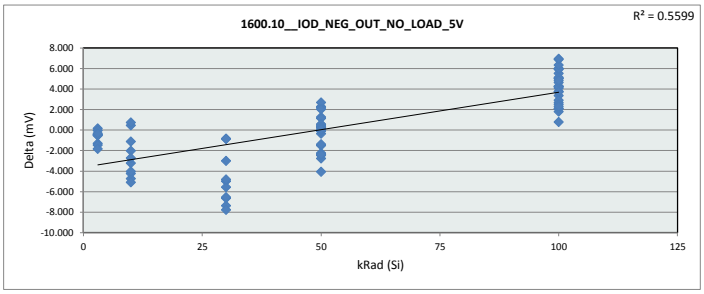
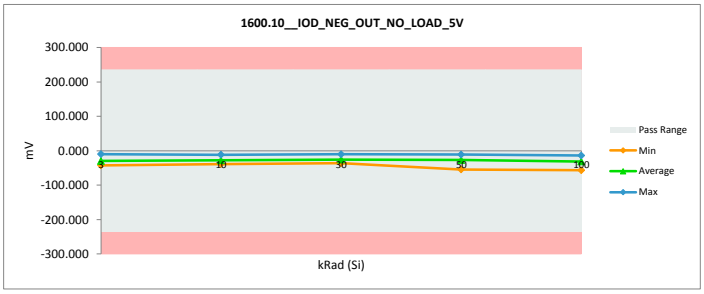
	1600.10__IOD_NEG_OUT_NO_L	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-41.306	-40.818	-0.488
3	055B3	-24.646	-23.336	-1.309
3	056B3	-31.298	-31.459	0.161
3	060B3	-38.763	-38.307	-0.457
3	061B3	-11.078	-9.609	-1.469
3	062U3	-22.513	-20.672	-1.841
3	064U3	-36.527	-36.483	-0.044
3	065U3	-42.776	-42.303	-0.473
3	066U3	-36.903	-36.355	-0.548
3	068U3	-16.604	-16.270	-0.334
10	054B10	-41.306	-36.572	-4.734
10	055B10	-24.646	-22.613	-2.032
10	056B10	-31.298	-28.076	-3.222
10	060B10	-38.763	-33.670	-5.093
10	061B10	-11.078	-11.531	0.453
10	062U10	-22.513	-21.396	-1.118
10	064U10	-36.527	-32.286	-4.241
10	065U10	-42.776	-38.734	-4.043
10	066U10	-36.903	-34.171	-2.732
10	068U10	-16.604	-17.341	0.737
30	054B30	-41.306	-33.935	-7.371
30	055B30	-24.646	-19.662	-4.984
30	056B30	-31.298	-25.740	-5.558
30	060B30	-38.763	-30.984	-7.780
30	061B30	-11.078	-10.206	-0.873
30	062U30	-22.513	-19.501	-3.013
30	064U30	-36.527	-29.883	-6.644
30	065U30	-42.776	-36.225	-6.552
30	066U30	-36.903	-32.082	-4.821
30	068U30	-16.604	-15.760	-0.843
50	069B50	-29.103	-29.345	0.242
50	070B50	-25.412	-25.404	-0.008
50	071B50	-28.537	-26.289	-2.248
50	072B50	-16.303	-16.696	0.393
50	073B50	-29.230	-26.451	-2.778
50	074B50	-10.031	-11.294	1.263
50	075B50	-22.980	-22.868	-0.112
50	076B50	-15.243	-17.523	2.280
50	077B50	-31.530	-29.061	-2.469
50	078B50	-30.904	-28.571	-2.333
50	079B50	-24.825	-24.466	-0.359
50	080B50	-23.351	-20.918	-2.433
50	083B50	-41.192	-38.813	-2.379
50	084B50	-34.145	-30.083	-4.061
50	085B50	-26.548	-26.476	-0.072
50	089B50	-42.266	-42.603	0.337
50	095B50	-20.147	-21.283	1.136
50	096B50	-14.500	-16.670	2.170
50	100B50	-25.622	-26.166	0.543
50	101B50	-51.644	-54.331	2.688
50	103B50	-20.564	-21.126	0.562
50	104B50	-13.638	-13.919	0.281
50	062U50	-22.513	-22.758	0.245
50	064U50	-36.527	-35.019	-1.508
50	065U50	-42.776	-41.392	-1.384
50	066U50	-36.903	-36.986	0.083
50	068U50	-16.604	-18.625	2.021
100	069B100	-29.103	-34.131	5.027
100	070B100	-25.412	-29.660	4.248
100	071B100	-28.537	-30.613	2.077
100	072B100	-16.303	-19.660	3.357
100	073B100	-29.230	-31.023	1.793
100	074B100	-10.031	-14.121	4.090
100	075B100	-22.980	-28.019	5.039
100	076B100	-15.243	-21.252	6.009
100	077B100	-31.530	-34.204	2.674
100	078B100	-30.904	-33.017	2.113
100	079B100	-24.825	-27.719	2.894
100	080B100	-23.351	-25.853	2.502
100	083B100	-41.192	-45.465	4.273
100	084B100	-34.145	-34.922	0.777
100	085B100	-26.548	-30.309	3.760
100	089B100	-42.266	-49.142	6.876
100	095B100	-20.147	-24.355	4.208
100	096B100	-14.500	-20.026	5.526
100	100B100	-25.622	-30.252	4.630
100	101B100	-51.644	-56.766	5.123
100	103B100	-20.564	-24.269	3.705
100	104B100	-13.638	-15.933	2.295
100	062U100	-22.513	-27.351	4.838
100	064U100	-36.527	-42.431	5.904
100	065U100	-42.776	-48.745	5.969
100	066U100	-36.903	-43.229	6.326
100	068U100	-16.604	-23.549	6.945
	Max	-10.031	-9.609	6.945
	Average	-28.254	-28.537	0.283
	Min	-51.644	-56.766	-7.780
	Std Dev	10.323	10.019	3.515



	1600.10__IOD_NEG_OUT_NO				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-42.303	-38.734	-36.225	-54.331	-56.766
Average	-29.561	-27.639	-25.398	-26.857	-31.334
Max	-9.609	-11.531	-10.206	-11.294	-14.121
UL	235.000	235.000	235.000	235.000	235.000



TID Report
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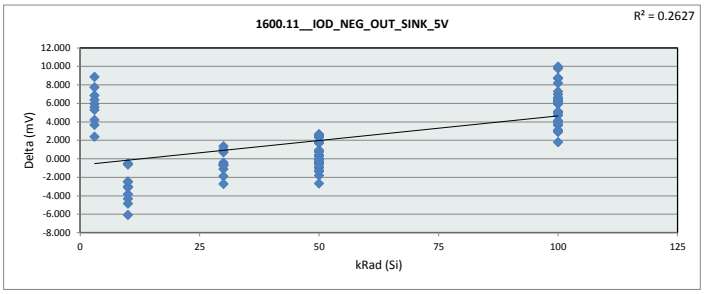
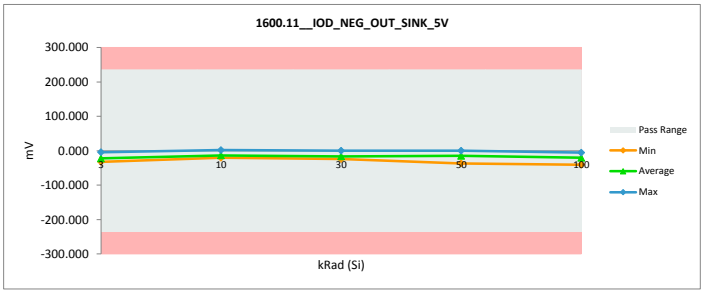
		1600.11__IOD_NEG_OUT_SINK		
	Test Site	Dallas	Dallas	
	Tester	ETS364	ETS364	
	Test Number	EF868301	EF868301	
	Unit	mV	mV	
	Max Limit	235	235	
	Min Limit	-235	-235	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-23.287	-30.148	6.861
3	055B3	-15.099	-17.488	2.389
3	056B3	-19.173	-23.372	4.200
3	060B3	-22.517	-28.472	5.955
3	061B3	1.520	-4.082	5.602
3	062U3	-13.679	-17.340	3.660
3	064U3	-22.048	-27.343	5.295
3	065U3	-23.343	-32.203	8.860
3	066U3	-22.546	-30.280	7.734
3	068U3	-6.178	-12.546	6.368
10	054B10	-23.287	-18.950	-4.337
10	055B10	-15.099	-11.261	-3.838
10	056B10	-19.173	-13.081	-6.091
10	060B10	-22.517	-17.653	-4.864
10	061B10	1.520	2.022	-0.502
10	062U10	-13.679	-11.203	-2.476
10	064U10	-22.048	-18.942	-3.107
10	065U10	-23.343	-20.344	-2.999
10	066U10	-22.546	-20.066	-2.480
10	068U10	-6.178	-5.548	-0.630
30	054B30	-23.287	-22.174	-1.113
30	055B30	-15.099	-13.211	-1.888
30	056B30	-19.173	-16.438	-2.735
30	060B30	-22.517	-22.100	-0.418
30	061B30	1.520	0.181	1.339
30	062U30	-13.679	-12.964	-0.715
30	064U30	-22.048	-21.443	-0.606
30	065U30	-23.343	-24.043	0.700
30	066U30	-22.546	-21.861	-0.686
30	068U30	-6.178	-7.180	1.002
50	069B50	-18.102	-17.827	-0.275
50	070B50	-15.423	-15.382	-0.041
50	071B50	-17.131	-16.216	-0.916
50	072B50	-6.351	-7.082	0.731
50	073B50	-17.110	-16.119	-0.991
50	074B50	0.533	0.239	0.294
50	075B50	-11.063	-12.000	0.937
50	076B50	-3.730	-6.358	2.628
50	077B50	-19.228	-18.783	-0.446
50	078B50	-19.878	-18.071	-1.806
50	079B50	-14.078	-15.889	1.810
50	080B50	-10.323	-9.027	-1.296
50	083B50	-24.099	-21.429	-2.670
50	084B50	-18.170	-17.591	-0.579
50	085B50	-15.472	-15.890	0.418
50	089B50	-23.403	-22.061	-1.342
50	095B50	-10.089	-12.412	2.323
50	096B50	-2.867	-4.654	1.787
50	100B50	-11.841	-14.493	2.652
50	101B50	-34.167	-36.634	2.466
50	103B50	-10.854	-12.541	1.687
50	104B50	-3.343	-3.031	-0.312
50	062U50	-13.679	-13.687	0.008
50	064U50	-22.048	-20.691	-1.358
50	065U50	-23.343	-23.251	-0.091
50	066U50	-22.546	-21.937	-0.609
50	068U50	-6.178	-8.678	2.500
100	069B100	-18.102	-22.050	3.948
100	070B100	-15.423	-20.391	4.968
100	071B100	-17.131	-20.029	2.898
100	072B100	-6.351	-11.064	4.712
100	073B100	-17.110	-20.203	3.093
100	074B100	0.533	-5.453	5.986
100	075B100	-11.063	-16.192	5.129
100	076B100	-3.730	-12.426	8.696
100	077B100	-19.228	-22.929	3.700
100	078B100	-19.878	-21.673	1.795
100	079B100	-14.078	-20.285	6.207
100	080B100	-10.323	-13.946	3.624
100	083B100	-24.099	-28.228	4.129
100	084B100	-18.170	-21.860	3.690
100	085B100	-15.472	-21.939	6.467
100	089B100	-23.403	-30.373	6.969
100	095B100	-10.089	-16.108	6.020
100	096B100	-2.867	-12.628	9.761
100	100B100	-11.841	-19.130	7.289
100	101B100	-34.167	-40.480	6.313
100	103B100	-10.854	-17.507	6.653
100	104B100	-3.343	-6.357	3.013
100	062U100	-13.679	-19.622	5.942
100	064U100	-22.048	-28.205	6.157
100	065U100	-23.343	-33.317	9.975
100	066U100	-22.546	-30.729	8.183
100	068U100	-6.178	-14.931	8.753
	Max	1.520	2.022	9.975
	Average	-15.322	-17.489	2.167
	Min	-34.167	-40.480	-6.091
	Std Dev	8.015	8.322	3.753



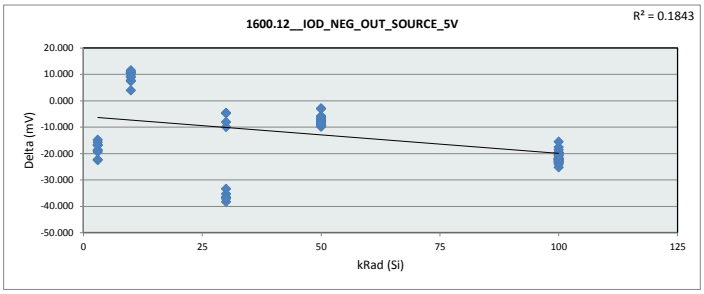
	1600.11__IOD_NEG_OUT_SIN				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-32.203	-20.344	-24.043	-36.634	-40.480
Average	-22.327	-13.503	-16.123	-14.870	-20.298
Max	-4.082	2.022	0.181	0.239	-5.453
UL	235.000	235.000	235.000	235.000	235.000



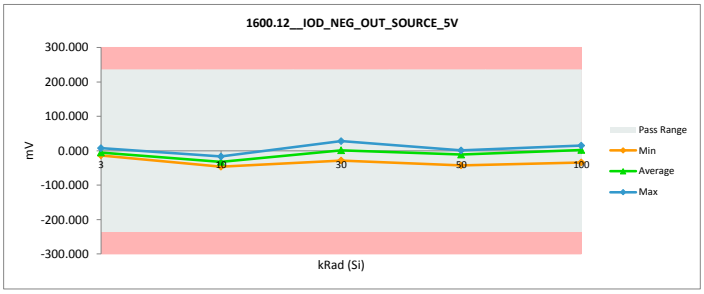
TID Report
LMH5401-SP LDR

	1600.12__IOD_NEG_OUT_SOUR	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-35.518	-13.003	-22.515
3	055B3	-17.336	-2.556	-14.779
3	056B3	-21.496	-4.629	-16.867
3	060B3	-26.589	-7.792	-18.797
3	061B3	-9.175	7.552	-16.727
3	062U3	-15.250	0.450	-15.700
3	064U3	-26.524	-7.846	-18.678
3	065U3	-35.595	-13.244	-22.351
3	066U3	-33.107	-13.686	-19.421
3	068U3	-10.764	6.101	-16.865
10	054B10	-35.518	-39.462	3.944
10	055B10	-17.336	-25.030	7.695
10	056B10	-21.496	-32.196	10.701
10	060B10	-26.589	-35.477	8.888
10	061B10	-9.175	-16.542	7.367
10	062U10	-15.250	-25.454	10.204
10	064U10	-26.524	-37.238	10.714
10	065U10	-35.595	-46.526	10.931
10	066U10	-33.107	-44.631	11.524
10	068U10	-10.764	-20.015	9.251
30	054B30	-35.518	2.790	-38.308
30	055B30	-17.336	17.959	-35.294
30	056B30	-21.496	11.922	-33.418
30	060B30	-26.589	9.941	-36.530
30	061B30	-9.175	27.741	-36.915
30	062U30	-15.250	-10.604	-4.645
30	064U30	-26.524	-16.566	-9.958
30	065U30	-35.595	1.448	-37.043
30	066U30	-33.107	-28.337	-4.770
30	068U30	-10.764	-2.666	-8.098
50	069B50	-13.427	-6.816	-6.611
50	070B50	-15.072	-7.540	-7.532
50	071B50	-17.853	-8.524	-9.328
50	072B50	-12.474	-2.969	-9.506
50	073B50	-17.766	-8.374	-9.391
50	074B50	-8.804	0.687	-9.491
50	075B50	-13.491	-6.027	-7.465
50	076B50	-10.394	-0.814	-9.580
50	077B50	-15.966	-8.888	-7.078
50	078B50	-17.386	-9.273	-8.113
50	079B50	-15.434	-6.363	-9.071
50	080B50	-13.991	-5.678	-8.313
50	083B50	-33.007	-27.198	-5.809
50	084B50	-23.993	-14.230	-9.763
50	085B50	-15.105	-7.407	-7.697
50	089B50	-32.124	-29.082	-3.042
50	095B50	-11.817	-4.585	-7.232
50	096B50	-14.701	-5.391	-9.310
50	100B50	-16.214	-6.751	-9.463
50	101B50	-52.498	-42.731	-9.766
50	103B50	-14.493	-5.615	-8.878
50	104B50	-6.828	0.986	-7.814
50	062U50	-15.250	-7.965	-7.284
50	064U50	-26.524	-20.474	-6.050
50	065U50	-35.595	-28.995	-6.600
50	066U50	-33.107	-30.163	-2.945
50	068U50	-10.764	-2.283	-8.481
100	069B100	-13.427	4.181	-17.608
100	070B100	-15.072	4.585	-19.657
100	071B100	-17.853	4.439	-22.292
100	072B100	-12.474	9.355	-21.829
100	073B100	-17.766	4.562	-22.328
100	074B100	-8.804	14.684	-23.488
100	075B100	-13.491	6.124	-19.616
100	076B100	-10.394	12.162	-22.557
100	077B100	-15.966	6.218	-22.184
100	078B100	-17.386	2.628	-20.014
100	079B100	-15.434	7.747	-23.181
100	080B100	-13.991	7.790	-21.781
100	083B100	-33.007	-13.267	-19.740
100	084B100	-23.993	0.068	-24.061
100	085B100	-15.105	5.147	-20.252
100	089B100	-32.124	-16.604	-15.520
100	095B100	-11.817	8.154	-19.970
100	096B100	-14.701	8.314	-23.015
100	100B100	-16.214	7.446	-23.659
100	101B100	-52.498	-33.955	-18.543
100	103B100	-14.493	8.300	-22.793
100	104B100	-6.828	15.056	-21.883
100	062U100	-15.250	4.562	-19.812
100	064U100	-26.524	-4.146	-22.378
100	065U100	-35.595	-10.378	-25.217
100	066U100	-33.107	-12.472	-20.635
100	068U100	-10.764	10.094	-20.858
	Max	-6.828	27.741	11.524
	Average	-20.503	-7.134	-13.368
	Min	-52.498	-46.526	-38.308
	Std Dev	10.082	15.603	11.760



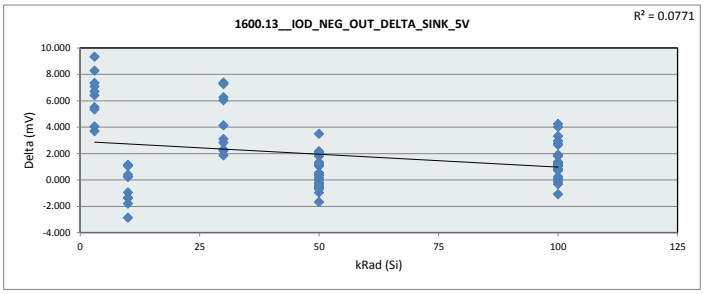
	1600.12__IOD_NEG_OUT_SOU				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-13.686	-46.526	-28.338	-42.731	-33.955
Average	-4.865	-32.257	1.363	-11.202	2.252
Max	7.552	-16.542	27.741	0.986	15.056
UL	235.000	235.000	235.000	235.000	235.000



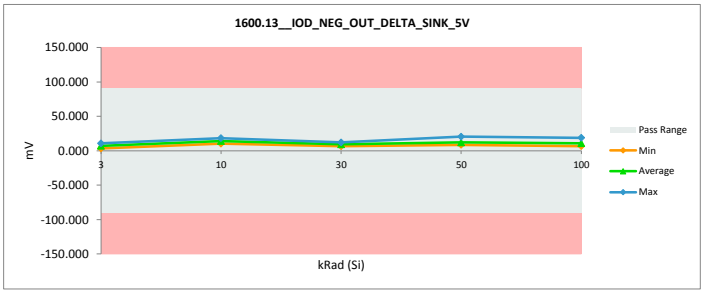
TID Report
LMH5401-SP LDR

	1600.13__IOD_NEG_OUT_DELTA	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	18.019	10.670	7.349
3	055B3	9.546	5.848	3.698
3	056B3	12.125	8.087	4.039
3	060B3	16.246	9.835	6.411
3	061B3	12.598	5.527	7.071
3	062U3	8.834	3.332	5.501
3	064U3	14.478	9.139	5.339
3	065U3	19.434	10.100	9.333
3	066U3	14.356	6.075	8.282
3	068U3	10.426	3.724	6.702
10	054B10	18.019	17.622	0.397
10	055B10	9.546	11.352	-1.806
10	056B10	12.125	14.995	-2.870
10	060B10	16.246	16.017	0.229
10	061B10	12.598	13.553	-0.955
10	062U10	8.834	10.193	-1.359
10	064U10	14.478	13.344	1.134
10	065U10	19.434	18.390	1.044
10	066U10	14.356	14.105	0.251
10	068U10	10.426	11.793	-1.367
30	054B30	18.019	11.761	6.258
30	055B30	9.546	6.451	3.096
30	056B30	12.125	9.302	2.824
30	060B30	16.246	8.884	7.362
30	061B30	12.598	10.386	2.212
30	062U30	8.834	6.537	2.297
30	064U30	14.478	8.440	6.038
30	065U30	19.434	12.181	7.252
30	066U30	14.356	10.221	4.135
30	068U30	10.426	8.581	1.845
50	069B50	11.001	11.518	-0.517
50	070B50	9.989	10.022	-0.033
50	071B50	11.406	10.073	1.332
50	072B50	9.951	9.614	0.337
50	073B50	12.120	10.333	1.787
50	074B50	10.564	11.533	-0.968
50	075B50	11.917	10.868	1.050
50	076B50	11.513	11.165	0.347
50	077B50	12.302	10.278	2.024
50	078B50	11.027	10.500	0.527
50	079B50	10.747	8.577	2.169
50	080B50	13.029	11.891	1.138
50	083B50	17.093	17.384	-0.291
50	084B50	15.974	12.492	3.482
50	085B50	11.076	10.586	0.489
50	089B50	18.862	20.542	-1.679
50	095B50	10.059	8.872	1.187
50	096B50	11.633	12.016	-0.383
50	100B50	13.781	11.673	2.108
50	101B50	17.476	17.698	-0.222
50	103B50	9.710	8.585	1.125
50	104B50	10.295	10.888	-0.593
50	062U50	8.834	9.071	-0.237
50	064U50	14.478	14.328	0.150
50	065U50	19.434	18.140	1.293
50	066U50	14.356	15.048	-0.692
50	068U50	10.426	9.948	0.478
100	069B100	11.001	12.080	-1.079
100	070B100	9.989	9.269	0.720
100	071B100	11.406	10.585	0.821
100	072B100	9.951	8.597	1.355
100	073B100	12.120	10.820	1.299
100	074B100	10.564	8.668	1.897
100	075B100	11.917	11.827	0.090
100	076B100	11.513	8.826	2.686
100	077B100	12.302	11.276	1.026
100	078B100	11.027	11.344	-0.317
100	079B100	10.747	7.433	3.313
100	080B100	13.029	11.907	1.122
100	083B100	17.093	17.238	-0.144
100	084B100	15.974	13.062	2.912
100	085B100	11.076	8.369	2.707
100	089B100	18.862	18.770	0.093
100	095B100	10.059	8.246	1.812
100	096B100	11.633	7.398	4.235
100	100B100	13.781	11.122	2.659
100	101B100	17.476	16.286	1.190
100	103B100	9.710	6.761	2.949
100	104B100	10.295	9.577	0.719
100	062U100	8.834	7.729	1.104
100	064U100	14.478	14.226	0.252
100	065U100	19.434	15.428	4.006
100	066U100	14.356	12.500	1.857
100	068U100	10.426	8.618	1.808
	Max	19.434	20.542	9.333
	Average	12.932	11.048	1.884
	Min	8.834	3.332	-2.870
	Std Dev	3.119	3.438	2.546



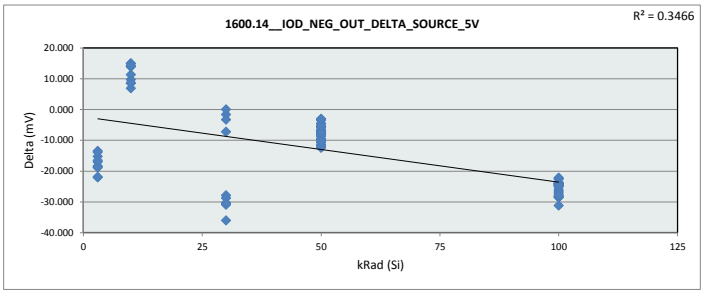
	1600.13__IOD_NEG_OUT_DEL				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	90	mV			
Min Limit	-90	mV			
kRad (Si)	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	3.333	10.193	6.451	8.577	6.762
Average	7.234	14.136	9.274	11.987	11.036
Max	10.670	18.390	12.181	20.542	18.770
UL	90.000	90.000	90.000	90.000	90.000



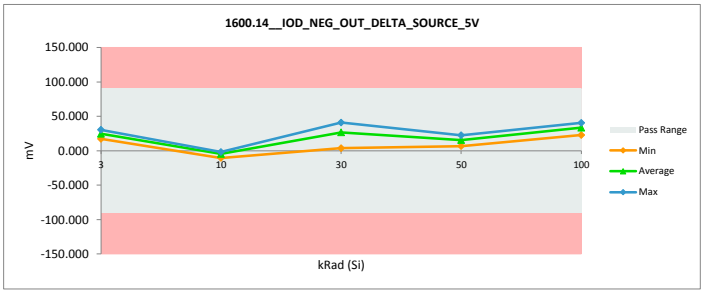
TID Report
LMH5401-SP LDR

	1600.14__IOD_NEG_OUT_DELTA	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	5.788	27.815	-22.027
3	055B3	7.310	20.780	-13.470
3	056B3	9.802	26.830	-17.028
3	060B3	12.175	30.515	-18.341
3	061B3	1.904	17.162	-15.257
3	062U3	7.264	21.122	-13.859
3	064U3	10.003	28.637	-18.634
3	065U3	7.181	29.059	-21.878
3	066U3	3.795	22.669	-18.873
3	068U3	5.840	22.371	-16.531
10	054B10	5.788	-2.890	8.678
10	055B10	7.310	-2.417	9.727
10	056B10	9.802	-4.120	13.922
10	060B10	12.175	-1.806	13.981
10	061B10	1.904	-5.010	6.914
10	062U10	7.264	-4.058	11.321
10	064U10	10.003	-4.952	14.955
10	065U10	7.181	-7.793	14.974
10	066U10	3.795	-10.460	14.255
10	068U10	5.840	-2.674	8.514
30	054B30	5.788	36.725	-30.937
30	055B30	7.310	37.620	-30.310
30	056B30	9.802	37.661	-27.859
30	060B30	12.175	40.925	-28.750
30	061B30	1.904	37.946	-36.042
30	062U30	7.264	8.896	-1.633
30	064U30	10.003	13.316	-3.314
30	065U30	7.181	37.672	-30.491
30	066U30	3.795	3.744	0.051
30	068U30	5.840	13.094	-7.254
50	069B50	15.676	22.529	-6.853
50	070B50	10.340	17.864	-7.524
50	071B50	10.684	17.765	-7.081
50	072B50	3.828	13.727	-9.899
50	073B50	11.464	18.077	-6.613
50	074B50	1.227	11.981	-10.754
50	075B50	9.489	16.841	-7.353
50	076B50	4.849	16.709	-11.860
50	077B50	15.564	20.173	-4.608
50	078B50	13.518	19.298	-5.779
50	079B50	9.390	18.103	-8.712
50	080B50	9.360	15.240	-5.880
50	083B50	8.185	11.615	-3.430
50	084B50	10.152	15.853	-5.702
50	085B50	11.443	19.069	-7.626
50	089B50	10.142	13.521	-3.380
50	095B50	8.330	16.699	-8.368
50	096B50	-0.201	11.279	-11.480
50	100B50	9.409	19.415	-10.006
50	101B50	-0.854	11.600	-12.454
50	103B50	6.071	15.510	-9.440
50	104B50	6.811	14.905	-8.095
50	062U50	7.264	14.793	-7.530
50	064U50	10.003	14.545	-4.542
50	065U50	7.181	12.396	-5.215
50	066U50	3.795	6.823	-3.027
50	068U50	5.840	16.342	-10.502
100	069B100	15.676	38.311	-22.635
100	070B100	10.340	34.245	-23.905
100	071B100	10.684	35.053	-24.369
100	072B100	3.828	29.015	-25.187
100	073B100	11.464	35.585	-24.121
100	074B100	1.227	28.805	-27.578
100	075B100	9.489	34.143	-24.655
100	076B100	4.849	33.414	-28.566
100	077B100	15.564	40.422	-24.857
100	078B100	13.518	35.645	-22.126
100	079B100	9.390	35.465	-26.075
100	080B100	9.360	33.643	-24.283
100	083B100	8.185	32.198	-24.013
100	084B100	10.152	34.990	-24.838
100	085B100	11.443	35.456	-24.012
100	089B100	10.142	32.538	-22.397
100	095B100	8.330	32.508	-24.178
100	096B100	-0.201	28.340	-28.541
100	100B100	9.409	37.698	-28.289
100	101B100	-0.854	22.811	-23.665
100	103B100	6.071	32.569	-26.498
100	104B100	6.811	30.989	-24.178
100	062U100	7.264	31.913	-24.650
100	064U100	10.003	38.285	-28.282
100	065U100	7.181	38.367	-31.186
100	066U100	3.795	30.757	-26.962
100	068U100	5.840	33.643	-27.803
	Max	15.676	40.925	14.974
	Average	7.751	21.403	-13.652
	Min	-0.854	-10.460	-36.042
	Std Dev	3.756	13.427	13.045



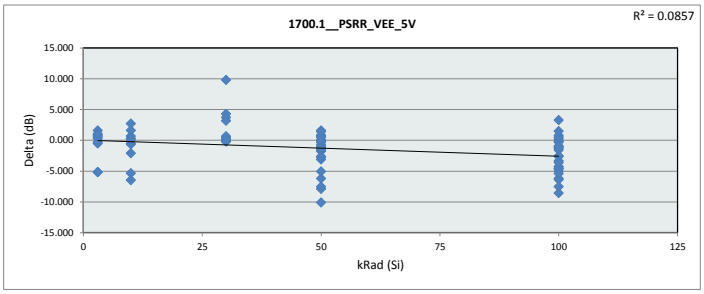
	1600.14__IOD_NEG_OUT_DEL				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	90	mV			
Min Limit	-90	mV			
kRad (Si)	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	17.162	-10.460	3.744	6.823	22.811
Average	24.696	-4.618	26.760	15.655	33.585
Max	30.515	-1.807	40.925	22.529	40.422
UL	90.000	90.000	90.000	90.000	90.000



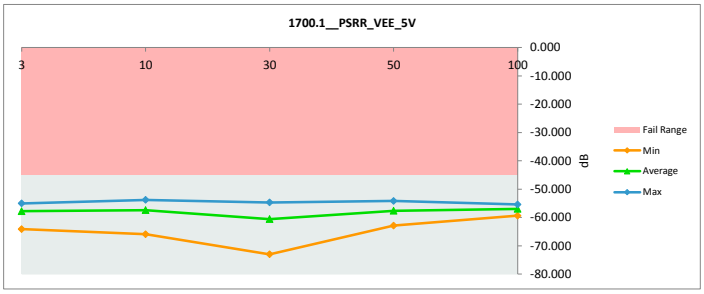
TID Report
LMH5401-SP LDR

	1700.1__PSRR_VEE_5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-45	-45
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-54.325	-55.911	1.586
3	055B3	-61.537	-61.025	-0.513
3	056B3	-57.050	-57.585	0.535
3	060B3	-54.731	-55.020	0.289
3	061B3	-63.201	-64.094	0.893
3	062U3	-60.824	-55.669	-5.154
3	064U3	-55.116	-55.827	0.712
3	065U3	-54.661	-55.708	1.047
3	066U3	-60.292	-59.983	-0.309
3	068U3	-62.120	-56.942	-5.178
10	054B10	-54.325	-53.801	-0.524
10	055B10	-61.537	-55.078	-6.459
10	056B10	-57.050	-57.738	0.689
10	060B10	-54.731	-56.354	1.624
10	061B10	-63.201	-65.915	2.714
10	062U10	-60.824	-55.478	-5.346
10	064U10	-55.116	-55.441	0.325
10	065U10	-54.661	-54.008	-0.653
10	066U10	-60.292	-58.202	-2.090
10	068U10	-62.120	-62.210	0.089
30	054B30	-54.325	-54.691	0.366
30	055B30	-61.537	-65.829	4.292
30	056B30	-57.050	-57.034	-0.016
30	060B30	-54.731	-54.742	0.011
30	061B30	-63.201	-73.001	9.800
30	062U30	-60.824	-64.556	3.732
30	064U30	-55.116	-54.894	-0.222
30	065U30	-54.661	-55.321	0.660
30	066U30	-60.292	-60.403	0.111
30	068U30	-62.120	-65.291	3.171
50	069B50	-58.280	-56.516	-1.764
50	070B50	-60.798	-58.062	-2.736
50	071B50	-58.133	-57.762	-0.372
50	072B50	-63.809	-57.591	-6.217
50	073B50	-56.774	-57.463	0.689
50	074B50	-67.957	-62.882	-5.075
50	075B50	-58.488	-58.454	-0.034
50	076B50	-62.309	-54.426	-7.883
50	077B50	-56.227	-56.275	0.047
50	078B50	-58.398	-57.162	-1.236
50	079B50	-58.592	-57.839	-0.752
50	080B50	-59.066	-58.994	-0.072
50	083B50	-55.377	-56.208	0.831
50	084B50	-56.918	-57.378	0.460
50	085B50	-59.515	-57.865	-1.651
50	089B50	-53.842	-55.429	1.587
50	095B50	-61.633	-58.512	-3.121
50	096B50	-64.707	-61.974	-2.733
50	100B50	-56.280	-56.258	-0.023
50	101B50	-58.502	-57.472	-1.030
50	103B50	-61.701	-54.170	-7.531
50	104B50	-66.143	-56.035	-10.108
50	062U50	-60.824	-58.210	-2.614
50	064U50	-55.116	-56.588	1.472
50	065U50	-54.661	-56.086	1.425
50	066U50	-60.292	-58.932	-1.361
50	068U50	-62.120	-60.769	-1.351
100	069B100	-58.280	-55.750	-2.530
100	070B100	-60.798	-56.529	-4.269
100	071B100	-58.133	-56.826	-1.307
100	072B100	-63.809	-58.769	-5.040
100	073B100	-56.774	-57.564	0.790
100	074B100	-67.957	-59.378	-8.579
100	075B100	-58.488	-57.498	-0.990
100	076B100	-62.309	-56.106	-6.203
100	077B100	-56.227	-55.928	-0.299
100	078B100	-58.398	-56.814	-1.584
100	079B100	-58.592	-55.981	-2.610
100	080B100	-59.066	-58.866	-0.200
100	083B100	-55.377	-55.415	0.039
100	084B100	-56.918	-55.982	-0.936
100	085B100	-59.515	-56.169	-3.347
100	089B100	-53.842	-57.108	3.266
100	095B100	-61.633	-57.086	-4.548
100	096B100	-64.707	-58.314	-6.393
100	100B100	-56.280	-56.613	0.332
100	101B100	-58.502	-57.366	-1.136
100	103B100	-61.701	-57.090	-4.611
100	104B100	-66.143	-58.614	-7.530
100	062U100	-60.824	-56.279	-4.545
100	064U100	-55.116	-55.660	0.545
100	065U100	-54.661	-56.149	1.488
100	066U100	-60.292	-56.677	-3.616
100	068U100	-62.120	-56.711	-5.409
	Max	-53.842	-53.801	9.800
	Average	-59.101	-57.742	-1.359
	Min	-67.957	-73.001	-10.108
	Std Dev	3.489	3.119	3.239



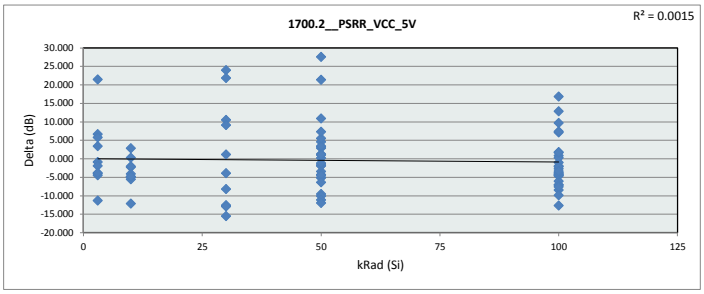
	1700.1__PSRR_VEE_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	-45	dB			
Min Limit		dB			
kRad (Si)	3	10	30	50	100
LL					
Min	-64.094	-65.915	-73.001	-62.882	-59.378
Average	-57.776	-57.423	-60.576	-57.604	-56.935
Max	-55.020	-53.801	-54.691	-54.170	-55.415
UL	-45.000	-45.000	-45.000	-45.000	-45.000



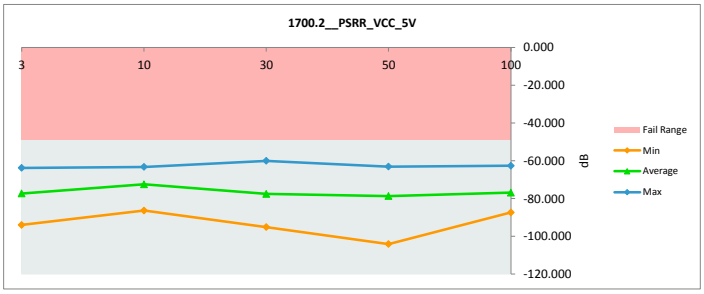
TID Report
LMH5401-SP LDR

	1700.2__PSRR_VCC_5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-49	-49
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-71.134	-77.807	6.673
3	055B3	-73.456	-72.557	-0.899
3	056B3	-86.185	-82.197	-3.988
3	060B3	-70.299	-73.696	3.397
3	061B3	-68.201	-63.724	-4.477
3	062U3	-82.796	-71.475	-11.321
3	064U3	-72.535	-94.009	21.474
3	065U3	-73.696	-79.495	5.798
3	066U3	-91.231	-89.309	-1.922
3	068U3	-72.473	-68.624	-3.849
10	054B10	-71.134	-68.887	-2.247
10	055B10	-73.456	-76.319	2.863
10	056B10	-86.185	-74.052	-12.133
10	060B10	-70.299	-66.191	-4.107
10	061B10	-68.201	-63.224	-4.976
10	062U10	-82.796	-83.083	0.287
10	064U10	-72.535	-66.963	-5.572
10	065U10	-73.696	-71.653	-2.044
10	066U10	-91.231	-86.379	-4.852
10	068U10	-72.473	-67.665	-4.808
30	054B30	-71.134	-95.109	23.975
30	055B30	-73.456	-74.629	1.173
30	056B30	-86.185	-73.611	-12.574
30	060B30	-70.299	-92.162	21.863
30	061B30	-68.201	-60.013	-8.188
30	062U30	-82.796	-67.282	-15.515
30	064U30	-72.535	-83.054	10.520
30	065U30	-73.696	-82.814	9.118
30	066U30	-91.231	-78.331	-12.901
30	068U30	-72.473	-68.553	-3.921
50	069B50	-81.038	-83.944	2.905
50	070B50	-72.839	-76.110	3.271
50	071B50	-76.833	-87.735	10.901
50	072B50	-75.179	-70.873	-4.306
50	073B50	-88.839	-79.297	-9.543
50	074B50	-67.903	-68.104	0.201
50	075B50	-76.502	-104.069	27.567
50	076B50	-74.180	-78.734	4.554
50	077B50	-74.315	-70.872	-3.443
50	078B50	-79.124	-82.538	3.413
50	079B50	-78.841	-80.132	1.291
50	080B50	-74.336	-95.704	21.368
50	083B50	-74.426	-69.239	-5.187
50	084B50	-83.265	-88.770	5.505
50	085B50	-92.476	-99.780	7.304
50	089B50	-68.115	-63.064	-5.051
50	095B50	-78.559	-76.703	-1.857
50	096B50	-81.110	-79.414	-1.696
50	100B50	-81.561	-71.443	-10.118
50	101B50	-87.577	-76.419	-11.158
50	103B50	-86.721	-74.769	-11.953
50	104B50	-64.751	-65.828	1.077
50	062U50	-82.796	-78.376	-4.420
50	064U50	-72.535	-70.630	-1.905
50	065U50	-73.696	-67.323	-6.373
50	066U50	-91.231	-90.052	-1.179
50	068U50	-72.473	-73.548	1.075
100	069B100	-81.038	-78.357	-2.682
100	070B100	-72.839	-71.846	-0.993
100	071B100	-76.833	-68.351	-8.482
100	072B100	-75.179	-82.310	7.131
100	073B100	-88.839	-86.893	-1.947
100	074B100	-67.903	-84.717	16.813
100	075B100	-76.502	-78.309	1.807
100	076B100	-74.180	-70.367	-3.812
100	077B100	-74.315	-83.983	9.668
100	078B100	-79.124	-79.993	0.869
100	079B100	-78.841	-79.127	0.286
100	080B100	-74.336	-69.832	-4.504
100	083B100	-74.426	-69.757	-4.669
100	084B100	-83.265	-79.061	-4.204
100	085B100	-92.476	-85.424	-7.052
100	089B100	-68.115	-75.504	7.389
100	095B100	-78.559	-72.495	-6.064
100	096B100	-81.110	-73.972	-7.138
100	100B100	-81.561	-83.218	1.658
100	101B100	-87.577	-85.426	-2.150
100	103B100	-86.721	-79.124	-7.597
100	104B100	-64.751	-77.614	12.863
100	062U100	-82.796	-70.143	-12.654
100	064U100	-72.535	-62.651	-9.884
100	065U100	-73.696	-69.341	-4.356
100	066U100	-91.231	-87.368	-3.863
100	068U100	-72.473	-69.125	-3.348
	Max	-64.751	-60.013	27.567
	Average	-77.482	-77.031	-0.450
	Min	-92.476	-104.069	-15.515
	Std Dev	7.182	8.956	8.713

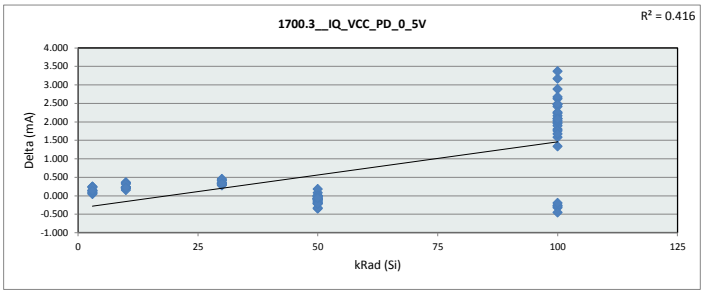


	1700.2__PSRR_VCC_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	-49	dB			
Min Limit		dB			
kRad (Si)	3	10	30	50	100
LL					
Min	-94.009	-86.379	-95.109	-104.069	-87.368
Average	-77.289	-72.442	-77.556	-78.647	-76.826
Max	-63.724	-63.225	-60.013	-63.064	-62.651
UL	-49.000	-49.000	-49.000	-49.000	-49.000

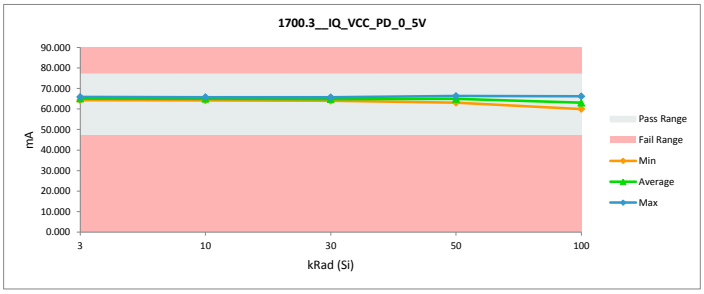


TID Report
LMH5401-SP LDR

	1700.3__IQ_VCC_PD_0_5V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	mA	mA	
Max Limit	77	77	
Min Limit	47	47	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	66.096	65.849	0.247
3	055B3	64.305	64.259	0.046
3	056B3	65.408	65.336	0.072
3	060B3	65.454	65.354	0.100
3	061B3	65.035	64.887	0.147
3	062U3	64.489	64.354	0.135
3	064U3	65.872	65.633	0.239
3	065U3	65.889	65.668	0.221
3	066U3	65.042	64.964	0.078
3	068U3	64.545	64.414	0.131
10	054B10	66.096	65.733	0.363
10	055B10	64.305	64.099	0.206
10	056B10	65.408	65.208	0.200
10	060B10	65.454	65.229	0.226
10	061B10	65.035	64.795	0.239
10	062U10	64.489	64.267	0.222
10	064U10	65.872	65.527	0.344
10	065U10	65.889	65.573	0.316
10	066U10	65.042	64.890	0.152
10	068U10	64.545	64.331	0.214
30	054B30	66.096	65.680	0.416
30	055B30	64.305	63.987	0.318
30	056B30	65.408	65.076	0.332
30	060B30	65.454	65.111	0.343
30	061B30	65.035	64.674	0.361
30	062U30	64.489	64.188	0.300
30	064U30	65.872	65.419	0.453
30	065U30	65.889	65.468	0.421
30	066U30	65.042	64.764	0.278
30	068U30	64.545	64.216	0.329
50	069B50	64.384	64.579	-0.195
50	070B50	64.365	64.451	-0.086
50	071B50	65.127	65.240	-0.113
50	072B50	62.845	63.046	-0.201
50	073B50	65.930	66.024	-0.093
50	074B50	64.758	64.765	-0.007
50	075B50	64.651	64.655	-0.004
50	076B50	64.394	64.393	0.001
50	077B50	64.851	64.881	-0.030
50	078B50	64.593	64.940	-0.347
50	079B50	64.610	64.696	-0.086
50	080B50	65.826	65.938	-0.112
50	083B50	65.531	65.546	-0.016
50	084B50	65.390	65.311	0.079
50	085B50	64.324	64.474	-0.150
50	089B50	66.136	66.345	-0.209
50	095B50	63.780	63.602	0.178
50	096B50	63.946	64.278	-0.331
50	100B50	64.199	64.371	-0.172
50	101B50	66.019	66.094	-0.075
50	103B50	64.260	64.267	-0.006
50	104B50	64.098	64.176	-0.078
50	062U50	64.489	64.603	-0.115
50	064U50	65.872	65.937	-0.065
50	065U50	65.889	65.969	-0.080
50	066U50	65.042	65.264	-0.222
50	068U50	64.545	64.608	-0.063
100	069B100	64.384	62.585	1.799
100	070B100	64.365	61.952	2.413
100	071B100	65.127	62.648	2.480
100	072B100	62.845	59.960	2.885
100	073B100	65.930	63.840	2.090
100	074B100	64.758	62.130	2.628
100	075B100	64.651	61.484	3.167
100	076B100	64.394	61.722	2.672
100	077B100	64.851	62.381	2.470
100	078B100	64.593	62.637	1.956
100	079B100	64.610	62.378	2.232
100	080B100	65.826	63.929	1.896
100	083B100	65.531	64.196	1.334
100	084B100	65.390	63.228	2.162
100	085B100	64.324	62.066	2.258
100	089B100	66.136	64.147	1.990
100	095B100	63.780	60.414	3.367
100	096B100	63.946	62.192	1.755
100	100B100	64.199	62.615	1.585
100	101B100	66.019	64.344	1.675
100	103B100	64.260	62.228	2.033
100	104B100	64.098	62.017	2.081
100	062U100	64.489	64.810	-0.321
100	064U100	65.872	66.135	-0.264
100	065U100	65.889	66.173	-0.284
100	066U100	65.042	65.493	-0.451
100	068U100	64.545	64.741	-0.196
	Max	66.136	66.345	3.367
	Average	64.954	64.332	0.622
	Min	62.845	59.960	-0.451
	Std Dev	0.756	1.370	1.012



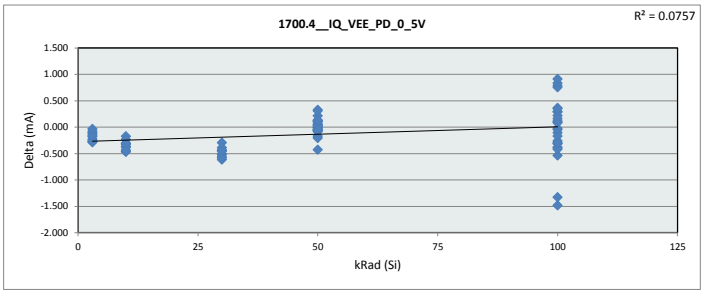
	1700.3__IQ_VCC_PD_0_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	77	mA			
Min Limit	47	mA			
kRad (Si)	3	10	30	50	100
LL	47.000	47.000	47.000	47.000	47.000
Min	64.259	64.099	63.987	63.046	59.960
Average	65.072	64.965	64.858	64.906	63.053
Max	65.849	65.733	65.680	66.345	66.173
UL	77.000	77.000	77.000	77.000	77.000



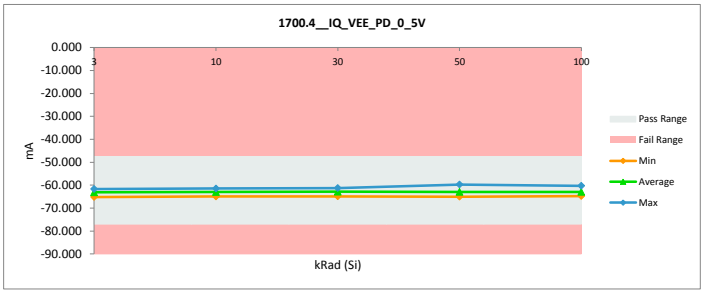
TID Report
LMH5401-SP LDR

	1700.4__IQ_VEE_PD_0_5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	-47	-47
Min Limit	-77	-77

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-65.397	-65.133	-0.264
3	055B3	-61.802	-61.691	-0.111
3	056B3	-62.765	-62.730	-0.035
3	060B3	-63.048	-62.923	-0.125
3	061B3	-63.360	-63.132	-0.229
3	062U3	-62.344	-62.167	-0.177
3	064U3	-64.309	-64.020	-0.289
3	065U3	-64.576	-64.312	-0.264
3	066U3	-62.686	-62.606	-0.080
3	068U3	-62.847	-62.686	-0.162
10	054B10	-65.397	-64.936	-0.461
10	055B10	-61.802	-61.428	-0.374
10	056B10	-62.765	-62.590	-0.175
10	060B10	-63.048	-62.740	-0.307
10	061B10	-63.360	-62.976	-0.384
10	062U10	-62.344	-62.011	-0.333
10	064U10	-64.309	-63.842	-0.467
10	065U10	-64.576	-64.142	-0.434
10	066U10	-62.686	-62.451	-0.235
10	068U10	-62.847	-62.539	-0.308
30	054B30	-65.397	-64.873	-0.524
30	055B30	-61.802	-61.232	-0.569
30	056B30	-62.765	-62.471	-0.294
30	060B30	-63.048	-62.595	-0.452
30	061B30	-63.360	-62.853	-0.507
30	062U30	-62.344	-61.914	-0.431
30	064U30	-64.309	-63.694	-0.615
30	065U30	-64.576	-63.996	-0.580
30	066U30	-62.686	-62.297	-0.389
30	068U30	-62.847	-62.393	-0.454
50	069B50	-62.152	-62.262	0.110
50	070B50	-62.303	-62.241	-0.063
50	071B50	-62.972	-63.079	0.107
50	072B50	-59.482	-59.697	0.216
50	073B50	-64.424	-64.460	0.036
50	074B50	-62.942	-62.881	-0.061
50	075B50	-61.436	-61.365	-0.072
50	076B50	-63.471	-63.542	0.072
50	077B50	-62.913	-62.741	-0.172
50	078B50	-62.058	-62.384	0.326
50	079B50	-62.494	-62.484	-0.010
50	080B50	-64.560	-64.506	-0.055
50	083B50	-64.837	-64.631	-0.206
50	084B50	-64.780	-64.757	-0.023
50	085B50	-62.012	-62.011	-0.001
50	089B50	-64.599	-64.731	0.132
50	095B50	-60.744	-60.315	-0.429
50	096B50	-61.480	-61.789	0.308
50	100B50	-62.484	-62.522	0.038
50	101B50	-64.992	-64.983	-0.009
50	103B50	-62.607	-62.653	0.046
50	104B50	-62.534	-62.642	0.108
50	062U50	-62.344	-62.355	0.011
50	064U50	-64.309	-64.224	-0.085
50	065U50	-64.576	-64.533	-0.043
50	066U50	-62.686	-62.811	0.126
50	068U50	-62.847	-62.793	-0.054
100	069B100	-62.152	-62.936	0.784
100	070B100	-62.303	-62.281	-0.022
100	071B100	-62.972	-62.924	-0.048
100	072B100	-59.482	-60.236	0.754
100	073B100	-64.424	-64.108	-0.315
100	074B100	-62.942	-62.403	-0.538
100	075B100	-61.436	-61.728	0.292
100	076B100	-63.471	-61.987	-1.484
100	077B100	-62.913	-62.609	-0.303
100	078B100	-62.058	-62.889	0.831
100	079B100	-62.494	-62.609	0.115
100	080B100	-64.560	-64.181	-0.379
100	083B100	-64.837	-64.443	-0.394
100	084B100	-64.780	-63.450	-1.329
100	085B100	-62.012	-62.297	0.286
100	089B100	-64.599	-64.337	-0.262
100	095B100	-60.744	-60.638	-0.106
100	096B100	-61.480	-62.391	0.911
100	100B100	-62.484	-62.847	0.364
100	101B100	-64.992	-64.573	-0.418
100	103B100	-62.607	-62.438	-0.170
100	104B100	-62.534	-62.231	-0.303
100	062U100	-62.344	-62.562	0.218
100	064U100	-64.309	-64.406	0.097
100	065U100	-64.576	-64.736	0.160
100	066U100	-62.686	-63.036	0.351
100	068U100	-62.847	-62.927	0.080
	Max	-59.482	-59.697	0.911
	Average	-63.065	-62.940	-0.125
	Min	-65.397	-65.133	-1.484
	Std Dev	1.268	1.156	0.376

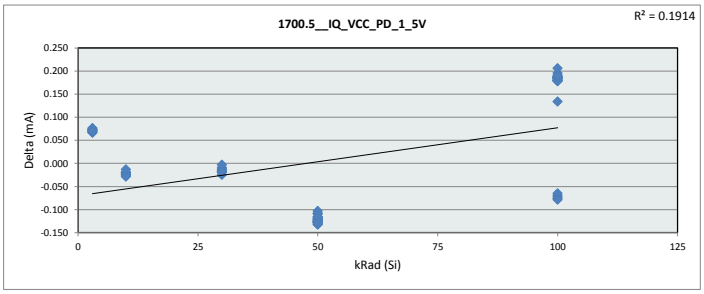


	1700.4__IQ_VEE_PD_0_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	-47	mA			
Min Limit	-77	mA			
kRad (Si)	3	10	30	50	100
LL	-77.000	-77.000	-77.000	-77.000	-77.000
Min	-65.133	-64.936	-64.873	-64.983	-64.736
Average	-63.140	-62.966	-62.832	-62.940	-62.897
Max	-61.691	-61.428	-61.233	-59.697	-60.236
UL	-47.000	-47.000	-47.000	-47.000	-47.000

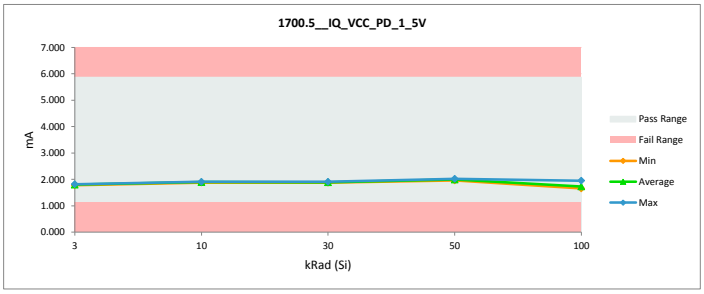


TID Report
LMH5401-SP LDR

	1700.5__IQ_VCC_PD_1_5V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	mA	mA	
Max Limit	5.875	5.875	
Min Limit	1.125	1.125	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	1.887	1.819	0.068
3	055B3	1.856	1.784	0.072
3	056B3	1.878	1.809	0.069
3	060B3	1.873	1.799	0.074
3	061B3	1.881	1.815	0.066
3	062U3	1.860	1.784	0.076
3	064U3	1.881	1.808	0.073
3	065U3	1.874	1.805	0.069
3	066U3	1.883	1.809	0.074
3	068U3	1.861	1.791	0.070
10	054B10	1.887	1.905	-0.018
10	055B10	1.856	1.878	-0.022
10	056B10	1.878	1.897	-0.019
10	060B10	1.873	1.894	-0.021
10	061B10	1.881	1.908	-0.027
10	062U10	1.860	1.885	-0.026
10	064U10	1.881	1.903	-0.021
10	065U10	1.874	1.897	-0.023
10	066U10	1.883	1.896	-0.013
10	068U10	1.861	1.890	-0.029
30	054B30	1.887	1.911	-0.025
30	055B30	1.856	1.875	-0.019
30	056B30	1.878	1.895	-0.017
30	060B30	1.873	1.885	-0.012
30	061B30	1.881	1.890	-0.009
30	062U30	1.860	1.879	-0.019
30	064U30	1.881	1.895	-0.014
30	065U30	1.874	1.891	-0.018
30	066U30	1.883	1.886	-0.003
30	068U30	1.861	1.880	-0.018
50	069B50	1.850	1.959	-0.109
50	070B50	1.851	1.960	-0.109
50	071B50	1.879	1.982	-0.103
50	072B50	1.860	1.968	-0.108
50	073B50	1.893	2.017	-0.124
50	074B50	1.874	1.990	-0.116
50	075B50	1.887	2.005	-0.118
50	076B50	1.868	1.984	-0.116
50	077B50	1.876	1.996	-0.120
50	078B50	1.862	1.990	-0.128
50	079B50	1.874	1.997	-0.123
50	080B50	1.899	2.022	-0.123
50	083B50	1.881	2.008	-0.128
50	084B50	1.887	2.008	-0.121
50	085B50	1.867	1.995	-0.128
50	089B50	1.899	2.024	-0.126
50	095B50	1.861	1.989	-0.128
50	096B50	1.874	2.002	-0.128
50	100B50	1.863	1.987	-0.124
50	101B50	1.880	2.000	-0.120
50	103B50	1.863	1.987	-0.123
50	104B50	1.854	1.980	-0.126
50	062U50	1.860	1.992	-0.132
50	064U50	1.881	2.010	-0.129
50	065U50	1.874	2.007	-0.133
50	066U50	1.883	1.999	-0.116
50	068U50	1.861	1.989	-0.128
100	069B100	1.850	1.670	0.180
100	070B100	1.851	1.664	0.187
100	071B100	1.879	1.694	0.186
100	072B100	1.860	1.679	0.180
100	073B100	1.893	1.714	0.179
100	074B100	1.874	1.688	0.186
100	075B100	1.887	1.707	0.180
100	076B100	1.868	1.673	0.195
100	077B100	1.876	1.696	0.179
100	078B100	1.862	1.677	0.185
100	079B100	1.874	1.685	0.189
100	080B100	1.899	1.714	0.185
100	083B100	1.881	1.695	0.186
100	084B100	1.887	1.702	0.185
100	085B100	1.867	1.680	0.187
100	089B100	1.899	1.715	0.184
100	095B100	1.861	1.680	0.181
100	096B100	1.874	1.696	0.178
100	100B100	1.863	1.676	0.187
100	101B100	1.880	1.690	0.190
100	103B100	1.863	1.658	0.206
100	104B100	1.854	1.720	0.134
100	062U100	1.860	1.936	-0.076
100	064U100	1.881	1.951	-0.069
100	065U100	1.874	1.947	-0.073
100	066U100	1.883	1.948	-0.065
100	068U100	1.861	1.940	-0.078
	Max	1.899	2.024	0.206
	Average	1.873	1.864	0.009
	Min	1.850	1.658	-0.133
	Std Dev	0.012	0.122	0.121

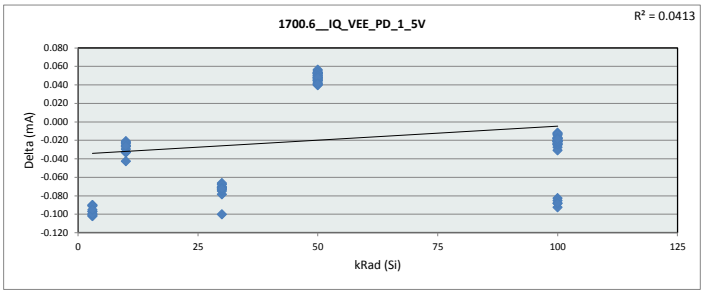


	1700.5__IQ_VCC_PD_1_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	5.875	mA			
Min Limit	1.125	mA			
kRad (Si)	3	10	30	50	100
LL	1.125	1.125	1.125	1.125	1.125
Min	1.784	1.878	1.875	1.959	1.658
Average	1.802	1.895	1.889	1.994	1.737
Max	1.819	1.908	1.912	2.024	1.951
UL	5.875	5.875	5.875	5.875	5.875

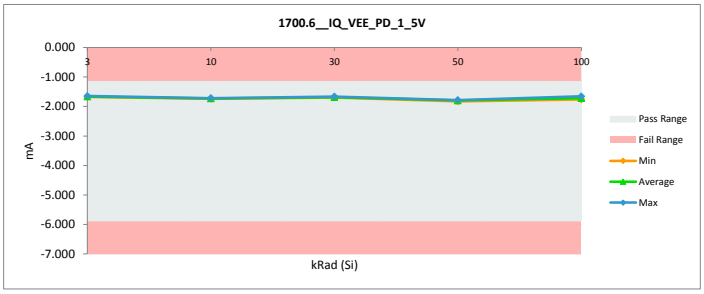


TID Report
LMH5401-SP LDR

	1700.6__IQ_VEE_PD_1_5V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	mA	mA	
Max Limit	-1.125	-1.125	
Min Limit	-5.875	-5.875	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-1.775	-1.673	-0.102
3	055B3	-1.739	-1.649	-0.090
3	056B3	-1.760	-1.663	-0.097
3	060B3	-1.756	-1.654	-0.102
3	061B3	-1.763	-1.663	-0.099
3	062U3	-1.741	-1.644	-0.097
3	064U3	-1.764	-1.664	-0.100
3	065U3	-1.756	-1.666	-0.090
3	066U3	-1.759	-1.668	-0.091
3	068U3	-1.745	-1.650	-0.095
10	054B10	-1.775	-1.733	-0.043
10	055B10	-1.739	-1.718	-0.021
10	056B10	-1.760	-1.735	-0.025
10	060B10	-1.756	-1.726	-0.030
10	061B10	-1.763	-1.736	-0.027
10	062U10	-1.741	-1.718	-0.023
10	064U10	-1.764	-1.732	-0.033
10	065U10	-1.756	-1.733	-0.023
10	066U10	-1.759	-1.726	-0.033
10	068U10	-1.745	-1.719	-0.026
30	054B30	-1.775	-1.675	-0.100
30	055B30	-1.739	-1.660	-0.078
30	056B30	-1.760	-1.690	-0.070
30	060B30	-1.756	-1.683	-0.073
30	061B30	-1.763	-1.688	-0.075
30	062U30	-1.741	-1.675	-0.066
30	064U30	-1.764	-1.693	-0.071
30	065U30	-1.756	-1.688	-0.068
30	066U30	-1.759	-1.688	-0.071
30	068U30	-1.745	-1.673	-0.072
50	069B50	-1.732	-1.787	0.055
50	070B50	-1.725	-1.782	0.056
50	071B50	-1.751	-1.805	0.054
50	072B50	-1.736	-1.789	0.053
50	073B50	-1.769	-1.822	0.053
50	074B50	-1.750	-1.803	0.053
50	075B50	-1.764	-1.811	0.047
50	076B50	-1.745	-1.797	0.052
50	077B50	-1.755	-1.796	0.041
50	078B50	-1.743	-1.788	0.044
50	079B50	-1.745	-1.790	0.045
50	080B50	-1.776	-1.816	0.040
50	083B50	-1.760	-1.805	0.045
50	084B50	-1.751	-1.798	0.048
50	085B50	-1.737	-1.789	0.051
50	089B50	-1.772	-1.821	0.048
50	095B50	-1.734	-1.784	0.050
50	096B50	-1.744	-1.790	0.046
50	100B50	-1.735	-1.781	0.045
50	101B50	-1.746	-1.794	0.048
50	103B50	-1.730	-1.783	0.053
50	104B50	-1.732	-1.782	0.049
50	062U50	-1.741	-1.791	0.050
50	064U50	-1.764	-1.807	0.042
50	065U50	-1.756	-1.804	0.048
50	066U50	-1.759	-1.799	0.040
50	068U50	-1.745	-1.787	0.041
100	069B100	-1.732	-1.714	-0.018
100	070B100	-1.725	-1.711	-0.014
100	071B100	-1.751	-1.729	-0.023
100	072B100	-1.736	-1.709	-0.028
100	073B100	-1.769	-1.757	-0.012
100	074B100	-1.750	-1.733	-0.017
100	075B100	-1.764	-1.739	-0.025
100	076B100	-1.745	-1.721	-0.024
100	077B100	-1.755	-1.731	-0.024
100	078B100	-1.743	-1.723	-0.020
100	079B100	-1.745	-1.727	-0.018
100	080B100	-1.776	-1.745	-0.031
100	083B100	-1.760	-1.736	-0.024
100	084B100	-1.751	-1.737	-0.013
100	085B100	-1.737	-1.717	-0.020
100	089B100	-1.772	-1.751	-0.021
100	095B100	-1.734	-1.713	-0.021
100	096B100	-1.744	-1.731	-0.013
100	100B100	-1.735	-1.714	-0.021
100	101B100	-1.746	-1.729	-0.017
100	103B100	-1.730	-1.709	-0.021
100	104B100	-1.732	-1.714	-0.019
100	062U100	-1.741	-1.658	-0.083
100	064U100	-1.764	-1.676	-0.088
100	065U100	-1.756	-1.671	-0.085
100	066U100	-1.759	-1.667	-0.092
100	068U100	-1.745	-1.657	-0.088
	Max	-1.725	-1.644	0.056
	Average	-1.751	-1.732	-0.019
	Min	-1.776	-1.822	-0.102
	Std Dev	0.013	0.052	0.054

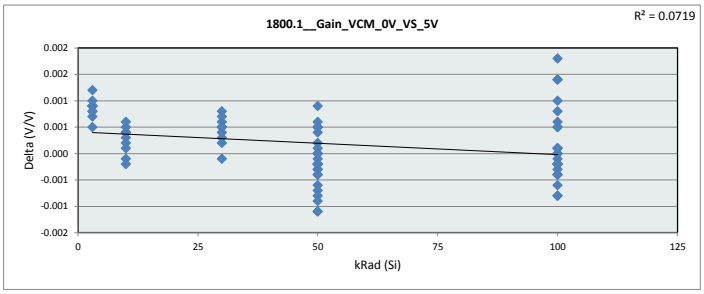


	1700.6__IQ_VEE_PD_1_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	-1.125	mA			
Min Limit	-5.875	mA			
kRad (Si)	3	10	30	50	100
LL	-5.875	-5.875	-5.875	-5.875	-5.875
Min	-1.673	-1.736	-1.693	-1.822	-1.757
Average	-1.659	-1.728	-1.681	-1.796	-1.716
Max	-1.644	-1.718	-1.660	-1.781	-1.657
UL	-1.125	-1.125	-1.125	-1.125	-1.125

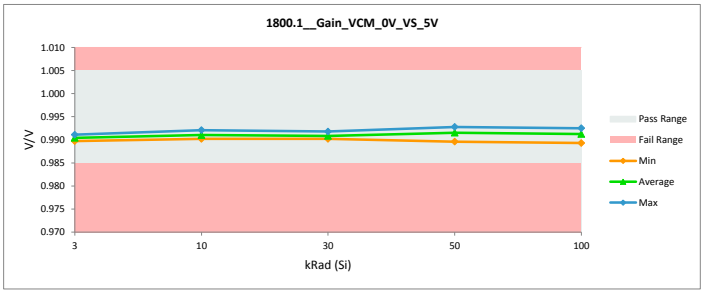


TID Report
LMH5401-SP LDR

		1800.1__Gain_VCM_0V_VS_5V		
	Test Site	Dallas	Dallas	
	Tester	ETS364	ETS364	
	Test Number	EF868301	EF868301	
	Unit	V/V	V/V	
	Max Limit	1.005	1.005	
	Min Limit	0.985	0.985	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	0.991	0.990	0.001
3	055B3	0.992	0.991	0.001
3	056B3	0.991	0.990	0.001
3	060B3	0.991	0.990	0.001
3	061B3	0.992	0.991	0.001
3	062U3	0.992	0.991	0.001
3	064U3	0.991	0.990	0.001
3	065U3	0.991	0.990	0.001
3	066U3	0.991	0.990	0.001
3	068U3	0.992	0.991	0.000
10	054B10	0.991	0.991	0.000
10	055B10	0.992	0.992	0.000
10	056B10	0.991	0.991	0.000
10	060B10	0.991	0.990	0.000
10	061B10	0.992	0.992	0.000
10	062U10	0.992	0.991	0.000
10	064U10	0.991	0.991	0.000
10	065U10	0.991	0.990	0.001
10	066U10	0.991	0.991	0.001
10	068U10	0.992	0.992	0.000
30	054B30	0.991	0.990	0.001
30	055B30	0.992	0.991	0.000
30	056B30	0.991	0.991	0.001
30	060B30	0.991	0.990	0.000
30	061B30	0.992	0.992	0.000
30	062U30	0.992	0.991	0.001
30	064U30	0.991	0.991	0.000
30	065U30	0.991	0.990	0.001
30	066U30	0.991	0.990	0.001
30	068U30	0.992	0.992	0.000
50	069B50	0.991	0.992	0.000
50	070B50	0.992	0.992	0.000
50	071B50	0.992	0.992	0.000
50	072B50	0.992	0.992	0.000
50	073B50	0.991	0.991	0.000
50	074B50	0.992	0.993	-0.001
50	075B50	0.991	0.991	0.000
50	076B50	0.992	0.992	-0.001
50	077B50	0.991	0.992	-0.001
50	078B50	0.991	0.991	0.000
50	079B50	0.992	0.992	0.000
50	080B50	0.991	0.991	0.000
50	083B50	0.991	0.991	0.001
50	084B50	0.991	0.991	0.000
50	085B50	0.991	0.992	0.000
50	089B50	0.991	0.990	0.001
50	095B50	0.992	0.992	0.000
50	096B50	0.992	0.992	0.000
50	100B50	0.992	0.993	-0.001
50	101B50	0.990	0.990	0.001
50	103B50	0.992	0.992	0.000
50	104B50	0.991	0.993	-0.001
50	062U50	0.992	0.992	0.000
50	064U50	0.991	0.991	0.000
50	065U50	0.991	0.990	0.001
50	066U50	0.991	0.991	0.000
50	068U50	0.992	0.993	-0.001
100	069B100	0.991	0.992	0.000
100	070B100	0.992	0.992	0.000
100	071B100	0.992	0.992	0.000
100	072B100	0.992	0.992	-0.001
100	073B100	0.991	0.991	0.000
100	074B100	0.992	0.993	0.000
100	075B100	0.991	0.991	0.000
100	076B100	0.992	0.992	0.000
100	077B100	0.991	0.991	0.000
100	078B100	0.991	0.991	0.000
100	079B100	0.992	0.992	0.000
100	080B100	0.991	0.991	0.000
100	083B100	0.991	0.991	0.001
100	084B100	0.991	0.991	0.000
100	085B100	0.991	0.992	0.000
100	089B100	0.991	0.990	0.001
100	095B100	0.992	0.992	0.000
100	096B100	0.992	0.992	0.000
100	100B100	0.992	0.992	0.000
100	101B100	0.990	0.990	0.000
100	103B100	0.992	0.992	-0.001
100	104B100	0.991	0.992	-0.001
100	062U100	0.992	0.991	0.001
100	064U100	0.991	0.990	0.001
100	065U100	0.991	0.989	0.001
100	066U100	0.991	0.989	0.002
100	068U100	0.992	0.991	0.001
	Max	0.992	0.993	0.002
	Average	0.991	0.991	0.000
	Min	0.990	0.989	-0.001
	Std Dev	0.000	0.001	0.001



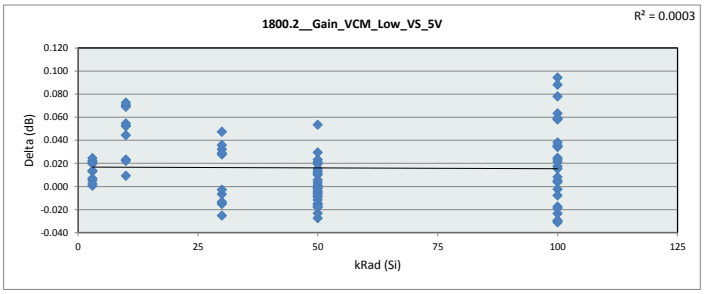
	1800.1__Gain_VCM_0V_VS_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.005	V/V			
Min Limit	0.985	V/V			
kRad (Si)	3	10	30	50	100
LL	0.985	0.985	0.985	0.985	0.985
Min	0.990	0.990	0.990	0.990	0.989
Average	0.990	0.991	0.991	0.992	0.991
Max	0.991	0.992	0.992	0.993	0.993
UL	1.005	1.005	1.005	1.005	1.005



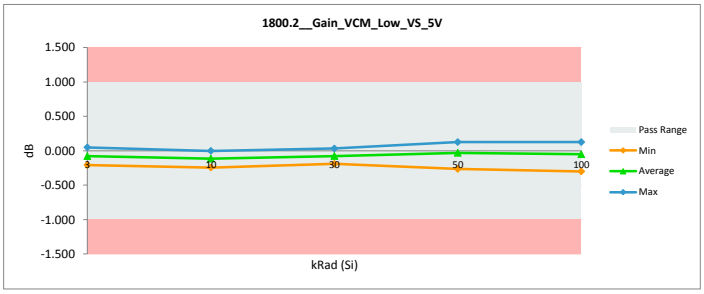
TID Report
LMH5401-SP LDR

	1800.2__Gain_VCM_Low_VS_5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	0.99	0.99
Min Limit	-0.99	-0.99

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-0.191	-0.204	0.013
3	055B3	0.035	0.013	0.022
3	056B3	-0.112	-0.119	0.007
3	060B3	-0.168	-0.169	0.001
3	061B3	0.049	0.029	0.021
3	062U3	0.062	0.038	0.024
3	064U3	-0.173	-0.178	0.005
3	065U3	-0.192	-0.206	0.013
3	066U3	-0.042	-0.045	0.002
3	068U3	0.069	0.049	0.020
10	054B10	-0.191	-0.214	0.023
10	055B10	0.035	-0.019	0.055
10	056B10	-0.112	-0.134	0.022
10	060B10	-0.168	-0.178	0.009
10	061B10	0.049	-0.003	0.052
10	062U10	0.062	-0.008	0.070
10	064U10	-0.173	-0.218	0.045
10	065U10	-0.192	-0.244	0.052
10	066U10	-0.042	-0.111	0.069
10	068U10	0.069	-0.004	0.073
30	054B30	-0.191	-0.176	-0.015
30	055B30	0.035	0.003	0.032
30	056B30	-0.112	-0.099	-0.013
30	060B30	-0.168	-0.143	-0.025
30	061B30	0.049	0.022	0.028
30	062U30	0.062	0.015	0.047
30	064U30	-0.173	-0.166	-0.007
30	065U30	-0.192	-0.189	-0.003
30	066U30	-0.042	-0.071	0.029
30	068U30	0.069	0.033	0.036
50	069B50	-0.031	-0.054	0.023
50	070B50	0.034	0.034	0.000
50	071B50	-0.067	-0.058	-0.009
50	072B50	0.095	0.110	-0.015
50	073B50	-0.125	-0.126	0.001
50	074B50	0.088	0.115	-0.027
50	075B50	-0.028	-0.033	0.006
50	076B50	0.083	0.084	-0.002
50	077B50	-0.145	-0.130	-0.015
50	078B50	-0.027	-0.040	0.013
50	079B50	0.052	0.048	0.003
50	080B50	-0.084	-0.095	0.010
50	083B50	-0.154	-0.170	0.015
50	084B50	-0.127	-0.122	-0.005
50	085B50	0.058	0.063	-0.004
50	089B50	-0.211	-0.264	0.053
50	095B50	0.083	0.090	-0.007
50	096B50	0.103	0.126	-0.023
50	100B50	-0.087	-0.069	-0.018
50	101B50	-0.119	-0.140	0.021
50	103B50	0.084	0.101	-0.017
50	104B50	0.043	0.055	-0.012
50	062U50	0.062	0.071	-0.009
50	064U50	-0.173	-0.171	-0.002
50	065U50	-0.192	-0.212	0.020
50	066U50	-0.042	-0.072	0.030
50	068U50	0.069	0.057	0.012
100	069B100	-0.031	-0.066	0.035
100	070B100	0.034	0.000	0.034
100	071B100	-0.067	-0.071	0.004
100	072B100	0.095	0.126	-0.031
100	073B100	-0.125	-0.142	0.017
100	074B100	0.088	0.117	-0.029
100	075B100	-0.028	-0.063	0.035
100	076B100	0.083	0.085	-0.002
100	077B100	-0.145	-0.138	-0.008
100	078B100	-0.027	-0.065	0.038
100	079B100	0.052	0.047	0.005
100	080B100	-0.084	-0.109	0.025
100	083B100	-0.154	-0.213	0.059
100	084B100	-0.127	-0.135	0.008
100	085B100	0.058	0.035	0.023
100	089B100	-0.211	-0.299	0.088
100	095B100	0.083	0.107	-0.023
100	096B100	0.103	0.120	-0.017
100	100B100	-0.087	-0.103	0.015
100	101B100	-0.119	-0.182	0.063
100	103B100	0.084	0.114	-0.030
100	104B100	0.043	0.062	-0.019
100	062U100	0.062	0.041	0.021
100	064U100	-0.173	-0.231	0.058
100	065U100	-0.192	-0.270	0.078
100	066U100	-0.042	-0.137	0.094
100	068U100	0.069	0.009	0.059
	Max	0.103	0.126	0.094
	Average	-0.042	-0.058	0.016
	Min	-0.211	-0.299	-0.031
	Std Dev	0.105	0.114	0.029

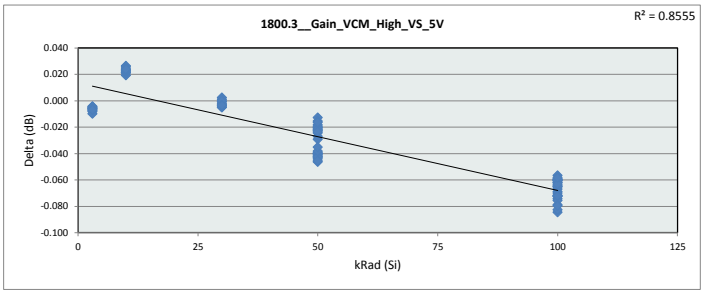


	1800.2__Gain_VCM_Low_VS_5				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	0.99	dB			
Min Limit	-0.99	dB			
kRad (Si)	3	10	30	50	100
LL	-0.990	-0.990	-0.990	-0.990	-0.990
Min	-0.206	-0.245	-0.189	-0.264	-0.299
Average	-0.079	-0.113	-0.077	-0.030	-0.050
Max	0.049	-0.003	0.033	0.126	0.126
UL	0.990	0.990	0.990	0.990	0.990

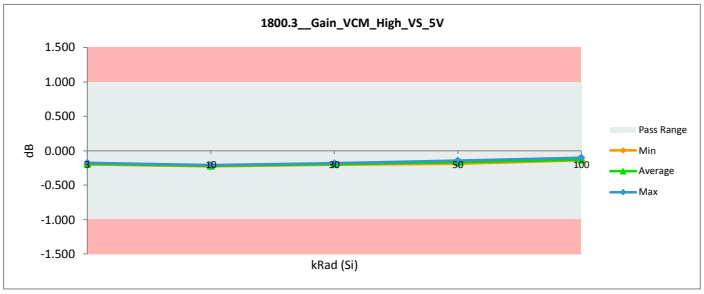


TID Report
LMH5401-SP LDR

	1800.3__Gain_VCM_High_VS_5V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	dB	dB	
Max Limit	0.99	0.99	
Min Limit	-0.99	-0.99	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-0.200	-0.196	-0.004
3	055B3	-0.188	-0.180	-0.007
3	056B3	-0.204	-0.199	-0.006
3	060B3	-0.196	-0.190	-0.005
3	061B3	-0.198	-0.192	-0.006
3	062U3	-0.185	-0.177	-0.008
3	064U3	-0.202	-0.198	-0.005
3	065U3	-0.198	-0.192	-0.007
3	066U3	-0.184	-0.174	-0.010
3	068U3	-0.196	-0.189	-0.007
10	054B10	-0.200	-0.221	0.021
10	055B10	-0.188	-0.207	0.019
10	056B10	-0.204	-0.226	0.021
10	060B10	-0.196	-0.218	0.023
10	061B10	-0.198	-0.220	0.021
10	062U10	-0.185	-0.208	0.022
10	064U10	-0.202	-0.229	0.026
10	065U10	-0.198	-0.224	0.025
10	066U10	-0.184	-0.208	0.024
10	068U10	-0.196	-0.220	0.024
30	054B30	-0.200	-0.198	-0.002
30	055B30	-0.188	-0.182	-0.005
30	056B30	-0.204	-0.202	-0.003
30	060B30	-0.196	-0.195	-0.001
30	061B30	-0.198	-0.194	-0.004
30	062U30	-0.185	-0.180	-0.005
30	064U30	-0.202	-0.205	0.002
30	065U30	-0.198	-0.199	0.001
30	066U30	-0.184	-0.184	0.000
30	068U30	-0.196	-0.192	-0.003
50	069B50	-0.194	-0.154	-0.040
50	070B50	-0.187	-0.160	-0.027
50	071B50	-0.203	-0.183	-0.020
50	072B50	-0.187	-0.147	-0.040
50	073B50	-0.201	-0.183	-0.018
50	074B50	-0.194	-0.155	-0.039
50	075B50	-0.204	-0.183	-0.021
50	076B50	-0.194	-0.153	-0.041
50	077B50	-0.205	-0.181	-0.024
50	078B50	-0.195	-0.166	-0.029
50	079B50	-0.193	-0.153	-0.040
50	080B50	-0.202	-0.182	-0.019
50	083B50	-0.205	-0.183	-0.022
50	084B50	-0.203	-0.181	-0.022
50	085B50	-0.196	-0.153	-0.043
50	089B50	-0.205	-0.183	-0.022
50	095B50	-0.187	-0.145	-0.042
50	096B50	-0.198	-0.154	-0.044
50	100B50	-0.208	-0.162	-0.046
50	101B50	-0.183	-0.160	-0.024
50	103B50	-0.189	-0.147	-0.043
50	104B50	-0.190	-0.144	-0.046
50	062U50	-0.185	-0.147	-0.038
50	064U50	-0.202	-0.190	-0.013
50	065U50	-0.198	-0.183	-0.015
50	066U50	-0.184	-0.168	-0.016
50	068U50	-0.196	-0.161	-0.035
100	069B100	-0.194	-0.130	-0.064
100	070B100	-0.187	-0.127	-0.061
100	071B100	-0.203	-0.136	-0.067
100	072B100	-0.187	-0.127	-0.059
100	073B100	-0.201	-0.129	-0.072
100	074B100	-0.194	-0.137	-0.057
100	075B100	-0.204	-0.139	-0.065
100	076B100	-0.194	-0.134	-0.060
100	077B100	-0.205	-0.131	-0.074
100	078B100	-0.195	-0.126	-0.069
100	079B100	-0.193	-0.133	-0.061
100	080B100	-0.202	-0.130	-0.072
100	083B100	-0.205	-0.126	-0.079
100	084B100	-0.203	-0.131	-0.072
100	085B100	-0.196	-0.134	-0.062
100	089B100	-0.205	-0.120	-0.085
100	095B100	-0.187	-0.125	-0.062
100	096B100	-0.198	-0.138	-0.060
100	100B100	-0.208	-0.139	-0.070
100	101B100	-0.183	-0.101	-0.083
100	103B100	-0.189	-0.129	-0.060
100	104B100	-0.190	-0.124	-0.065
100	062U100	-0.185	-0.122	-0.063
100	064U100	-0.202	-0.127	-0.076
100	065U100	-0.198	-0.119	-0.080
100	066U100	-0.184	-0.112	-0.072
100	068U100	-0.196	-0.138	-0.058
	Max	-0.183	-0.101	0.026
	Average	-0.196	-0.166	-0.030
	Min	-0.208	-0.229	-0.085
	Std Dev	0.007	0.033	0.032



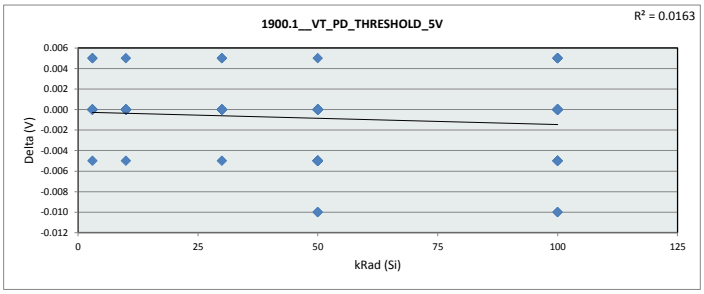
	1800.3__Gain_VCM_High_VS				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	0.99	dB			
Min Limit	-0.99	dB			
kRad (Si)	3	10	30	50	100
LL	-0.990	-0.990	-0.990	-0.990	-0.990
Min	-0.199	-0.229	-0.205	-0.190	-0.139
Average	-0.189	-0.218	-0.193	-0.165	-0.128
Max	-0.174	-0.207	-0.180	-0.144	-0.101
UL	0.990	0.990	0.990	0.990	0.990



TID Report
LMH5401-SP LDR

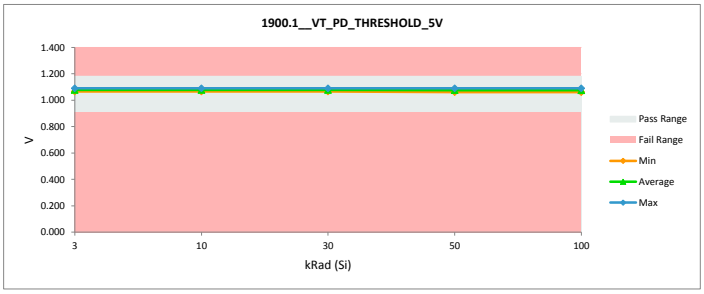
	1900.1__VT_PD_THRESHOLD_5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.18	1.18
Min Limit	0.91	0.91

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	1.080	1.080	0.000
3	055B3	1.080	1.075	0.005
3	056B3	1.075	1.075	0.000
3	060B3	1.080	1.080	0.000
3	061B3	1.070	1.070	0.000
3	062U3	1.080	1.080	0.000
3	064U3	1.070	1.075	-0.005
3	065U3	1.080	1.080	0.000
3	066U3	1.095	1.090	0.005
3	068U3	1.065	1.065	0.000
10	054B10	1.080	1.085	-0.005
10	055B10	1.080	1.080	0.000
10	056B10	1.075	1.075	0.000
10	060B10	1.080	1.080	0.000
10	061B10	1.070	1.070	0.000
10	062U10	1.080	1.080	0.000
10	064U10	1.070	1.070	0.000
10	065U10	1.080	1.080	0.000
10	066U10	1.095	1.090	0.005
10	068U10	1.065	1.065	0.000
30	054B30	1.080	1.085	-0.005
30	055B30	1.080	1.075	0.005
30	056B30	1.075	1.075	0.000
30	060B30	1.080	1.080	0.000
30	061B30	1.070	1.070	0.000
30	062U30	1.080	1.080	0.000
30	064U30	1.070	1.070	0.000
30	065U30	1.080	1.080	0.000
30	066U30	1.095	1.090	0.005
30	068U30	1.065	1.065	0.000
50	069B50	1.070	1.070	0.000
50	070B50	1.075	1.075	0.000
50	071B50	1.075	1.080	-0.005
50	072B50	1.070	1.070	0.000
50	073B50	1.075	1.080	-0.005
50	074B50	1.075	1.075	0.000
50	075B50	1.075	1.075	0.000
50	076B50	1.060	1.060	0.000
50	077B50	1.070	1.075	-0.005
50	078B50	1.065	1.075	-0.010
50	079B50	1.070	1.070	0.000
50	080B50	1.085	1.085	0.000
50	083B50	1.080	1.080	0.000
50	084B50	1.080	1.080	0.000
50	085B50	1.070	1.070	0.000
50	089B50	1.075	1.080	-0.005
50	095B50	1.065	1.070	-0.005
50	096B50	1.065	1.075	-0.010
50	100B50	1.065	1.070	-0.005
50	101B50	1.085	1.085	0.000
50	103B50	1.075	1.075	0.000
50	104B50	1.075	1.075	0.000
50	062U50	1.080	1.085	-0.005
50	064U50	1.070	1.075	-0.005
50	065U50	1.080	1.080	0.000
50	066U50	1.095	1.090	0.005
50	068U50	1.065	1.070	-0.005
100	069B100	1.070	1.070	0.000
100	070B100	1.075	1.075	0.000
100	071B100	1.075	1.080	-0.005
100	072B100	1.070	1.070	0.000
100	073B100	1.075	1.080	-0.005
100	074B100	1.075	1.075	0.000
100	075B100	1.075	1.070	0.005
100	076B100	1.060	1.060	0.000
100	077B100	1.070	1.070	0.000
100	078B100	1.065	1.075	-0.010
100	079B100	1.070	1.070	0.000
100	080B100	1.085	1.085	0.000
100	083B100	1.080	1.075	0.005
100	084B100	1.080	1.080	0.000
100	085B100	1.070	1.070	0.000
100	089B100	1.075	1.080	-0.005
100	095B100	1.065	1.065	0.000
100	096B100	1.065	1.075	-0.010
100	100B100	1.065	1.070	-0.005
100	101B100	1.085	1.085	0.000
100	103B100	1.075	1.070	0.005
100	104B100	1.075	1.075	0.000
100	062U100	1.080	1.080	0.000
100	064U100	1.070	1.075	-0.005
100	065U100	1.080	1.080	0.000
100	066U100	1.095	1.090	0.005
100	068U100	1.065	1.065	0.000
	Max	1.095	1.090	0.005
	Average	1.075	1.076	-0.001
	Min	1.060	1.060	-0.010
	Std Dev	0.008	0.007	0.003



	1900.1__VT_PD_THRESHOLD	
Test Site	Dallas	
Tester	ETS364	
Test Number	EF868301	
Max Limit	1.18	V
Min Limit	0.91	V

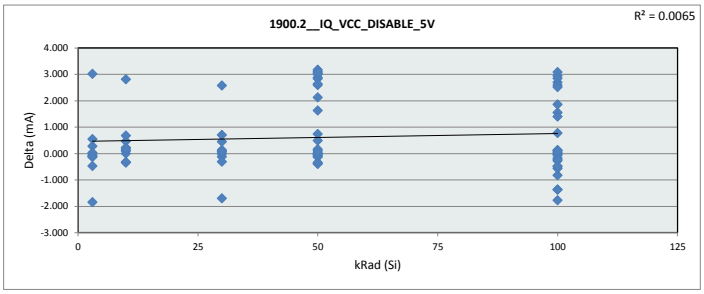
kRad (Si)	3	10	30	50	100
LL	0.910	0.910	0.910	0.910	0.910
Min	1.065	1.065	1.065	1.060	1.060
Average	1.077	1.078	1.077	1.076	1.075
Max	1.090	1.090	1.090	1.090	1.090
UL	1.180	1.180	1.180	1.180	1.180



TID Report
LMH5401-SP LDR

	1900.2__IQ_VCC_DISABLE_5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	5.875	5.875
Min Limit	1.125	1.125

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	4.635	4.773	-0.138
3	055B3	1.783	3.626	-1.843
3	056B3	2.926	2.651	0.274
3	060B3	2.416	2.490	-0.074
3	061B3	3.720	3.177	0.543
3	062U3	3.428	3.434	-0.006
3	064U3	4.891	1.875	3.016
3	065U3	2.287	2.258	0.028
3	066U3	1.796	2.272	-0.475
3	068U3	4.435	4.548	-0.113
10	054B10	4.635	1.827	2.808
10	055B10	1.783	1.782	0.001
10	056B10	2.926	2.462	0.463
10	060B10	2.416	2.764	-0.349
10	061B10	3.720	3.041	0.679
10	062U10	3.428	3.323	0.105
10	064U10	4.891	4.667	0.224
10	065U10	2.287	2.189	0.098
10	066U10	1.796	2.119	-0.322
10	068U10	4.435	4.260	0.176
30	054B30	4.635	2.063	2.572
30	055B30	1.783	3.483	-1.700
30	056B30	2.926	2.477	0.449
30	060B30	2.416	2.536	-0.121
30	061B30	3.720	3.018	0.702
30	062U30	3.428	3.445	-0.017
30	064U30	4.891	4.759	0.132
30	065U30	2.287	2.217	0.070
30	066U30	1.796	2.110	-0.314
30	068U30	4.435	4.370	0.065
50	069B50	1.780	1.796	-0.016
50	070B50	2.255	2.368	-0.113
50	071B50	4.987	1.811	3.175
50	072B50	4.306	3.568	0.738
50	073B50	4.954	2.121	2.833
50	074B50	2.564	2.445	0.119
50	075B50	1.811	1.821	-0.011
50	076B50	3.936	3.444	0.492
50	077B50	4.408	1.813	2.595
50	078B50	4.830	1.800	3.030
50	079B50	2.481	2.318	0.163
50	080B50	1.855	1.929	-0.074
50	083B50	1.804	1.816	-0.012
50	084B50	2.377	2.510	-0.133
50	085B50	1.787	2.129	-0.342
50	089B50	4.969	2.091	2.878
50	095B50	4.792	1.794	2.998
50	096B50	4.910	1.805	3.105
50	100B50	3.930	1.805	2.125
50	101B50	1.796	1.804	-0.009
50	103B50	1.780	1.789	-0.009
50	104B50	2.428	2.821	-0.393
50	062U50	3.428	1.800	1.627
50	064U50	4.891	1.821	3.070
50	065U50	2.287	2.237	0.050
50	066U50	1.796	2.176	-0.380
50	068U50	4.435	1.801	2.635
100	069B100	1.780	1.823	-0.043
100	070B100	2.255	2.124	0.132
100	071B100	4.987	2.043	2.943
100	072B100	4.306	2.759	1.548
100	073B100	4.954	2.260	2.694
100	074B100	2.564	2.466	0.098
100	075B100	1.811	3.583	-1.772
100	076B100	3.936	3.165	0.771
100	077B100	4.408	4.686	-0.278
100	078B100	4.830	2.243	2.588
100	079B100	2.481	2.460	0.021
100	080B100	1.855	2.027	-0.172
100	083B100	1.804	3.179	-1.375
100	084B100	2.377	2.437	-0.060
100	085B100	1.787	2.615	-0.828
100	089B100	4.969	2.458	2.511
100	095B100	4.792	3.397	1.395
100	096B100	4.910	1.825	3.084
100	100B100	3.930	2.070	1.860
100	101B100	1.796	1.780	0.016
100	103B100	1.780	3.148	-1.368
100	104B100	2.428	2.993	-0.566
100	062U100	3.428	3.927	-0.499
100	064U100	4.891	2.044	2.847
100	065U100	2.287	2.514	-0.227
100	066U100	1.796	2.273	-0.477
100	068U100	4.435	4.343	0.092
	Max	4.987	4.773	3.175
	Average	3.239	2.620	0.619
	Min	1.780	1.780	-1.843
	Std Dev	1.238	0.842	1.342



	1900.2__IQ_VCC_DISABLE_5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	5.875	mA			
Min Limit	1.125	mA			
kRad (Si)	3	10	30	50	100
LL	1.125	1.125	1.125	1.125	1.125
Min	1.875	1.782	2.063	1.789	1.780
Average	3.110	2.843	3.048	2.127	2.690
Max	4.773	4.667	4.759	3.568	4.686
UL	5.875	5.875	5.875	5.875	5.875

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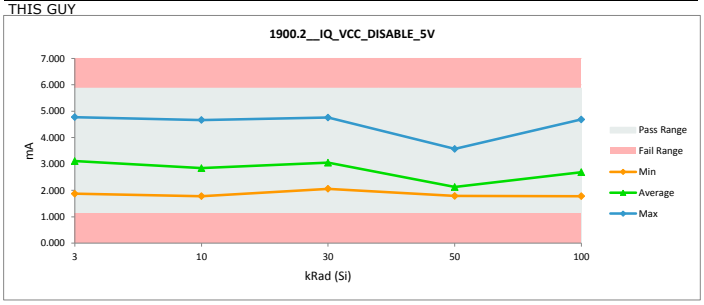
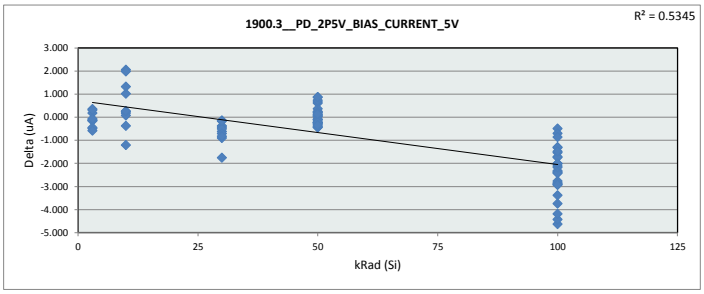


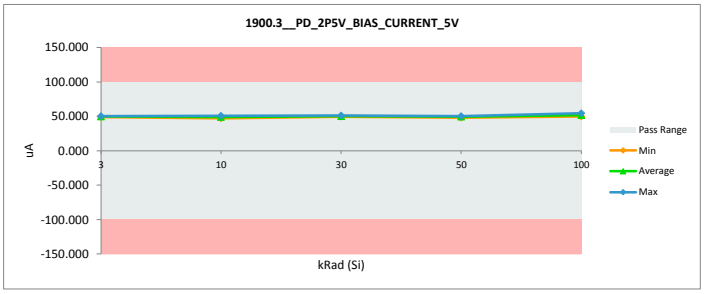
TID Report
LMH5401-SP LDR

	1900.3__PD_2P5V_BIAS_CURRE	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	99	99
Min Limit	-99	-99

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	49.457	49.946	-0.489
3	055B3	49.208	49.027	0.181
3	056B3	49.457	49.580	-0.123
3	060B3	49.605	49.767	-0.162
3	061B3	50.423	50.071	0.352
3	062U3	48.920	49.370	-0.450
3	064U3	50.447	50.134	0.313
3	065U3	49.699	49.830	-0.131
3	066U3	48.998	49.580	-0.583
3	068U3	49.784	49.853	-0.069
10	054B10	49.457	50.665	-1.208
10	055B10	49.208	47.151	2.057
10	056B10	49.457	49.278	0.179
10	060B10	49.605	49.356	0.249
10	061B10	50.423	49.403	1.021
10	062U10	48.920	48.842	0.078
10	064U10	50.447	49.122	1.325
10	065U10	49.699	47.720	1.979
10	066U10	48.998	49.371	-0.374
10	068U10	49.784	49.520	0.265
30	054B30	49.457	51.212	-1.755
30	055B30	49.208	49.825	-0.617
30	056B30	49.457	50.362	-0.905
30	060B30	49.605	49.980	-0.375
30	061B30	50.423	50.854	-0.430
30	062U30	48.920	49.427	-0.507
30	064U30	50.447	50.589	-0.142
30	065U30	49.699	50.409	-0.710
30	066U30	48.998	49.825	-0.827
30	068U30	49.784	49.949	-0.165
50	069B50	49.371	49.247	0.125
50	070B50	48.795	49.052	-0.257
50	071B50	49.668	49.909	-0.242
50	072B50	49.473	49.449	0.023
50	073B50	49.917	49.707	0.210
50	074B50	50.057	49.808	0.249
50	075B50	49.769	50.182	-0.413
50	076B50	49.878	49.831	0.047
50	077B50	49.675	49.769	-0.094
50	078B50	49.122	49.426	-0.304
50	079B50	49.761	49.855	-0.093
50	080B50	49.753	49.971	-0.218
50	083B50	50.353	49.745	0.608
50	084B50	49.722	49.356	0.366
50	085B50	49.325	49.769	-0.444
50	089B50	49.605	49.847	-0.242
50	095B50	49.558	49.987	-0.429
50	096B50	49.909	49.831	0.078
50	100B50	49.543	49.668	-0.125
50	101B50	49.122	49.340	-0.218
50	103B50	49.021	49.371	-0.351
50	104B50	48.927	48.717	0.210
50	062U50	48.920	48.779	0.140
50	064U50	50.447	49.784	0.662
50	065U50	49.699	48.966	0.732
50	066U50	48.998	48.133	0.865
50	068U50	49.784	48.912	0.873
100	069B100	49.371	50.689	-1.317
100	070B100	48.795	50.509	-1.715
100	071B100	49.668	52.029	-2.362
100	072B100	49.473	52.318	-2.845
100	073B100	49.917	52.684	-2.767
100	074B100	50.057	53.440	-3.383
100	075B100	49.769	54.398	-4.629
100	076B100	49.878	54.305	-4.427
100	077B100	49.675	53.861	-4.185
100	078B100	49.122	52.863	-3.741
100	079B100	49.761	52.676	-2.915
100	080B100	49.753	52.629	-2.876
100	083B100	50.353	51.889	-1.536
100	084B100	49.722	51.741	-2.019
100	085B100	49.325	52.255	-2.931
100	089B100	49.605	51.928	-2.323
100	095B100	49.558	51.671	-2.112
100	096B100	49.909	52.318	-2.408
100	100B100	49.543	51.281	-1.738
100	101B100	49.122	51.546	-2.424
100	103B100	49.021	51.188	-2.167
100	104B100	48.927	50.930	-2.003
100	062U100	48.920	50.214	-1.295
100	064U100	50.447	50.939	-0.493
100	065U100	49.699	51.181	-1.482
100	066U100	48.998	49.700	-0.702
100	068U100	49.784	50.643	-0.859
	Max	50.447	54.398	2.057
	Average	49.575	50.336	-0.761
	Min	48.795	47.151	-4.629
	Std Dev	0.451	1.402	1.371

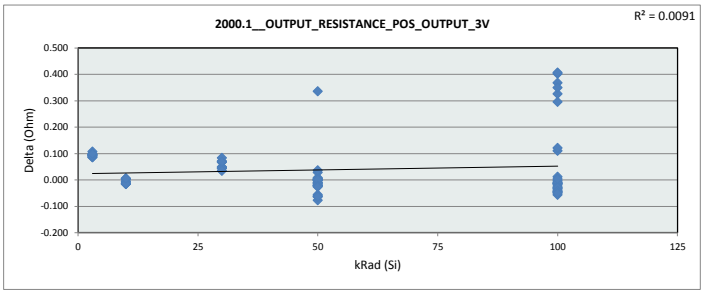


	1900.3__PD_2P5V_BIAS_CUR				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	99	uA			
Min Limit	-99	uA			
kRad (Si)	3	10	30	50	100
LL	-99.000	-99.000	-99.000	-99.000	-99.000
Min	49.027	47.151	49.427	48.133	49.700
Average	49.716	49.043	50.243	49.497	51.919
Max	50.134	50.665	51.212	50.182	54.398
UL	99.000	99.000	99.000	99.000	99.000

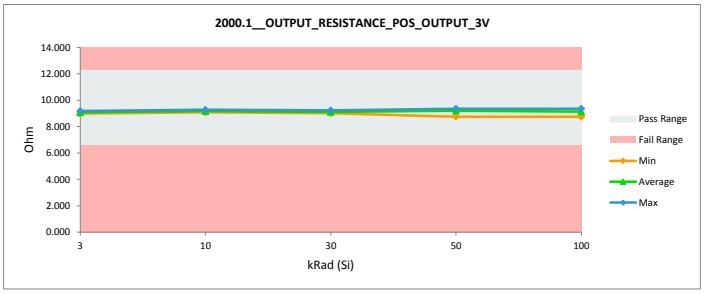


TID Report
LMH5401-SP LDR

	2000.1__OUTPUT_RESISTANCE		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	Ohm	Ohm	
Max Limit	12.25	12.25	
Min Limit	6.6	6.6	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	9.070	8.976	0.094
3	055B3	9.220	9.126	0.095
3	056B3	9.144	9.037	0.107
3	060B3	9.138	9.053	0.085
3	061B3	9.209	9.114	0.095
3	062U3	9.271	9.178	0.094
3	064U3	9.119	9.026	0.094
3	065U3	9.162	9.076	0.086
3	066U3	9.185	9.096	0.089
3	068U3	9.231	9.132	0.099
10	054B10	9.070	9.078	-0.008
10	055B10	9.220	9.220	0.000
10	056B10	9.144	9.139	0.005
10	060B10	9.138	9.154	-0.016
10	061B10	9.209	9.204	0.005
10	062U10	9.271	9.278	-0.006
10	064U10	9.119	9.135	-0.015
10	065U10	9.162	9.175	-0.013
10	066U10	9.185	9.200	-0.015
10	068U10	9.231	9.226	0.005
30	054B30	9.070	9.000	0.069
30	055B30	9.220	9.154	0.067
30	056B30	9.144	9.073	0.071
30	060B30	9.138	9.090	0.048
30	061B30	9.209	9.125	0.083
30	062U30	9.271	9.222	0.049
30	064U30	9.119	9.075	0.045
30	065U30	9.162	9.119	0.043
30	066U30	9.185	9.151	0.034
30	068U30	9.231	9.163	0.068
50	069B50	9.196	9.168	0.028
50	070B50	9.248	9.244	0.004
50	071B50	9.196	9.190	0.006
50	072B50	9.279	9.299	-0.019
50	073B50	9.155	9.156	0.000
50	074B50	9.278	9.301	-0.023
50	075B50	9.196	9.198	-0.001
50	076B50	9.261	9.283	-0.022
50	077B50	9.157	9.157	0.000
50	078B50	9.218	9.220	-0.002
50	079B50	9.257	9.276	-0.019
50	080B50	9.179	9.178	0.001
50	083B50	9.111	9.103	0.008
50	084B50	9.128	9.137	-0.009
50	085B50	9.241	9.253	-0.012
50	089B50	9.146	9.109	0.036
50	095B50	9.295	9.307	-0.012
50	096B50	9.332	9.346	-0.015
50	100B50	9.187	9.186	0.001
50	101B50	9.088	8.752	0.336
50	103B50	9.286	9.310	-0.023
50	104B50	9.307	9.333	-0.026
50	062U50	9.271	9.349	-0.077
50	064U50	9.119	9.180	-0.060
50	065U50	9.162	9.226	-0.064
50	066U50	9.185	9.241	-0.056
50	068U50	9.231	9.295	-0.064
100	069B100	9.196	9.184	0.012
100	070B100	9.248	9.263	-0.015
100	071B100	9.196	9.215	-0.019
100	072B100	9.279	9.325	-0.046
100	073B100	9.155	9.159	-0.003
100	074B100	9.278	9.335	-0.056
100	075B100	9.196	9.208	-0.011
100	076B100	9.261	9.308	-0.047
100	077B100	9.157	9.170	-0.013
100	078B100	9.218	9.233	-0.015
100	079B100	9.257	9.299	-0.042
100	080B100	9.179	9.188	-0.009
100	083B100	9.111	8.743	0.368
100	084B100	9.128	9.155	-0.027
100	085B100	9.241	9.274	-0.032
100	089B100	9.146	8.743	0.403
100	095B100	9.295	9.329	-0.035
100	096B100	9.332	9.360	-0.028
100	100B100	9.187	9.184	0.004
100	101B100	9.088	8.792	0.296
100	103B100	9.286	9.328	-0.042
100	104B100	9.307	9.357	-0.050
100	062U100	9.271	9.161	0.110
100	064U100	9.119	8.793	0.326
100	065U100	9.162	8.755	0.407
100	066U100	9.185	8.835	0.349
100	068U100	9.231	9.111	0.121
	Max	9.332	9.360	0.407
	Average	9.198	9.159	0.039
	Min	9.070	8.743	-0.077
	Std Dev	0.065	0.146	0.108



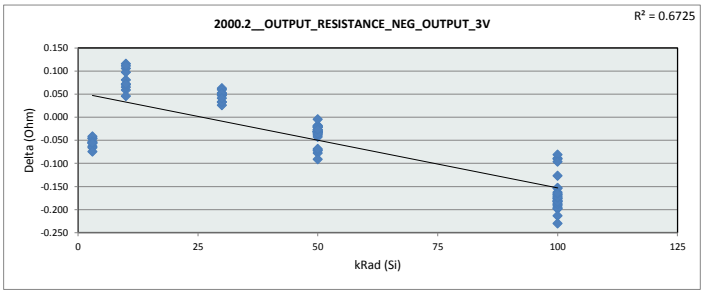
	2000.1__OUTPUT_RESISTANC				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	12.25	Ohm			
Min Limit	6.6	Ohm			
kRad (Si)	3	10	30	50	100
LL	6.600	6.600	6.600	6.600	6.600
Min	8.976	9.078	9.001	8.752	8.743
Average	9.081	9.181	9.117	9.215	9.141
Max	9.178	9.278	9.222	9.349	9.360
UL	12.250	12.250	12.250	12.250	12.250



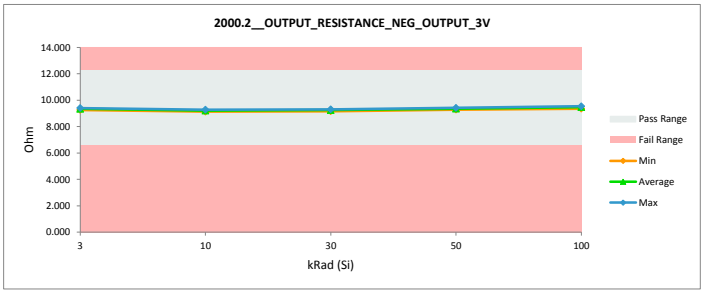
TID Report
LMH5401-SP LDR

	2000.2__OUTPUT_RESISTANCE	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	Ohm	Ohm
Max Limit	12.25	12.25
Min Limit	6.6	6.6

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	9.211	9.257	-0.046
3	055B3	9.313	9.369	-0.056
3	056B3	9.276	9.322	-0.046
3	060B3	9.302	9.344	-0.042
3	061B3	9.277	9.340	-0.063
3	062U3	9.339	9.405	-0.066
3	064U3	9.269	9.325	-0.056
3	065U3	9.332	9.385	-0.053
3	066U3	9.302	9.357	-0.056
3	068U3	9.309	9.383	-0.075
10	054B10	9.211	9.131	0.080
10	055B10	9.313	9.207	0.105
10	056B10	9.276	9.161	0.116
10	060B10	9.302	9.205	0.097
10	061B10	9.277	9.166	0.111
10	062U10	9.339	9.280	0.059
10	064U10	9.269	9.203	0.065
10	065U10	9.332	9.262	0.070
10	066U10	9.302	9.256	0.046
10	068U10	9.309	9.237	0.072
30	054B30	9.211	9.159	0.052
30	055B30	9.313	9.265	0.048
30	056B30	9.276	9.214	0.063
30	060B30	9.302	9.269	0.033
30	061B30	9.277	9.218	0.059
30	062U30	9.339	9.313	0.026
30	064U30	9.269	9.222	0.047
30	065U30	9.332	9.280	0.052
30	066U30	9.302	9.269	0.033
30	068U30	9.309	9.268	0.041
50	069B50	9.300	9.318	-0.018
50	070B50	9.331	9.363	-0.032
50	071B50	9.302	9.333	-0.031
50	072B50	9.350	9.378	-0.028
50	073B50	9.282	9.312	-0.031
50	074B50	9.340	9.376	-0.036
50	075B50	9.310	9.343	-0.033
50	076B50	9.317	9.356	-0.039
50	077B50	9.292	9.313	-0.021
50	078B50	9.330	9.361	-0.031
50	079B50	9.362	9.380	-0.019
50	080B50	9.294	9.326	-0.032
50	083B50	9.251	9.282	-0.031
50	084B50	9.264	9.285	-0.022
50	085B50	9.339	9.361	-0.022
50	089B50	9.302	9.345	-0.043
50	095B50	9.373	9.400	-0.027
50	096B50	9.375	9.406	-0.031
50	100B50	9.263	9.285	-0.021
50	101B50	9.331	9.335	-0.005
50	103B50	9.344	9.380	-0.036
50	104B50	9.347	9.374	-0.027
50	062U50	9.339	9.410	-0.071
50	064U50	9.269	9.346	-0.078
50	065U50	9.332	9.424	-0.091
50	066U50	9.302	9.374	-0.072
50	068U50	9.309	9.377	-0.069
100	069B100	9.300	9.454	-0.154
100	070B100	9.331	9.512	-0.181
100	071B100	9.302	9.497	-0.195
100	072B100	9.350	9.503	-0.153
100	073B100	9.282	9.469	-0.188
100	074B100	9.340	9.515	-0.176
100	075B100	9.310	9.501	-0.191
100	076B100	9.317	9.488	-0.172
100	077B100	9.292	9.491	-0.198
100	078B100	9.330	9.512	-0.182
100	079B100	9.362	9.538	-0.177
100	080B100	9.294	9.492	-0.198
100	083B100	9.251	9.465	-0.214
100	084B100	9.264	9.446	-0.183
100	085B100	9.339	9.528	-0.188
100	089B100	9.302	9.533	-0.230
100	095B100	9.373	9.541	-0.168
100	096B100	9.375	9.538	-0.163
100	100B100	9.263	9.432	-0.168
100	101B100	9.331	9.514	-0.183
100	103B100	9.344	9.517	-0.174
100	104B100	9.347	9.512	-0.165
100	062U100	9.339	9.428	-0.089
100	064U100	9.269	9.359	-0.090
100	065U100	9.332	9.459	-0.127
100	066U100	9.302	9.383	-0.081
100	068U100	9.309	9.405	-0.096
	Max	9.375	9.541	0.116
	Average	9.308	9.365	-0.057
	Min	9.211	9.131	-0.230
	Std Dev	0.036	0.105	0.091



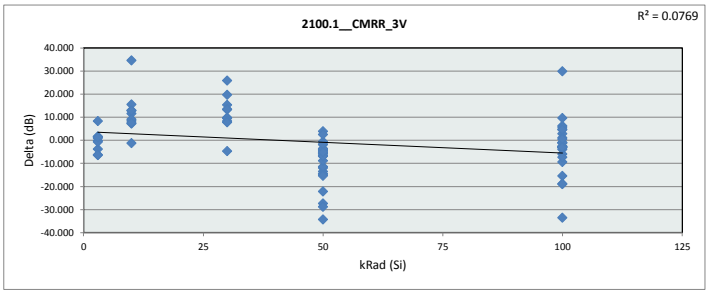
	2000.2__OUTPUT_RESISTANC				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	12.25	Ohm			
Min Limit	6.6	Ohm			
kRad (Si)	3	10	30	50	100
LL	6.600	6.600	6.600	6.600	6.600
Min	9.257	9.131	9.159	9.282	9.359
Average	9.349	9.211	9.248	9.354	9.483
Max	9.405	9.280	9.313	9.424	9.541
UL	12.250	12.250	12.250	12.250	12.250



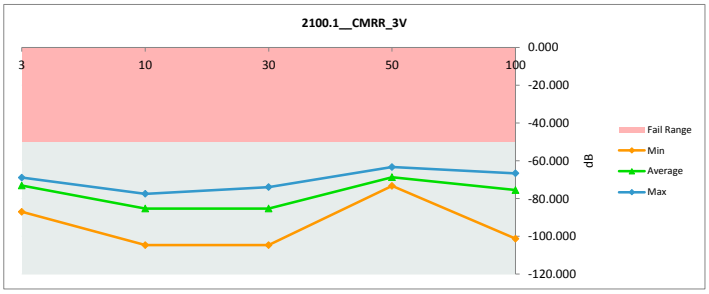
TID Report
LMH5401-SP LDR

	2100.1__CMRR_3V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-50	-50
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-78.783	-72.344	-6.439
3	055B3	-69.219	-70.185	0.966
3	056B3	-75.114	-71.340	-3.774
3	060B3	-70.383	-70.183	-0.200
3	061B3	-72.066	-73.647	1.581
3	062U3	-70.033	-71.616	1.583
3	064U3	-76.875	-70.567	-6.308
3	065U3	-69.574	-68.916	-0.658
3	066U3	-78.647	-87.004	8.357
3	068U3	-73.070	-74.393	1.322
10	054B10	-78.783	-91.727	12.944
10	055B10	-69.219	-84.754	15.535
10	056B10	-75.114	-86.686	11.572
10	060B10	-70.383	-78.807	8.424
10	061B10	-72.066	-79.302	7.236
10	062U10	-70.033	-104.615	34.582
10	064U10	-76.875	-89.705	12.830
10	065U10	-69.574	-78.682	9.108
10	066U10	-78.647	-77.437	-1.211
10	068U10	-73.070	-80.576	7.505
30	054B30	-78.783	-104.670	25.887
30	055B30	-69.219	-82.544	13.325
30	056B30	-75.114	-84.937	9.824
30	060B30	-70.383	-79.900	9.517
30	061B30	-72.066	-87.386	15.320
30	062U30	-70.033	-89.739	19.706
30	064U30	-76.875	-85.186	8.310
30	065U30	-69.574	-77.326	7.752
30	066U30	-78.647	-73.933	-4.714
30	068U30	-73.070	-86.500	13.429
50	069B50	-69.481	-73.344	3.864
50	070B50	-70.750	-68.893	-1.856
50	071B50	-75.074	-68.212	-6.862
50	072B50	-69.187	-68.659	-0.527
50	073B50	-80.555	-66.078	-14.477
50	074B50	-71.352	-66.225	-5.127
50	075B50	-73.035	-67.366	-5.669
50	076B50	-74.114	-67.657	-6.457
50	077B50	-76.189	-72.262	-3.927
50	078B50	-75.107	-71.285	-3.822
50	079B50	-75.200	-70.805	-4.395
50	080B50	-80.994	-67.528	-13.466
50	083B50	-91.971	-69.776	-22.195
50	084B50	-95.360	-67.986	-27.374
50	085B50	-83.686	-69.110	-14.576
50	089B50	-75.409	-71.792	-3.617
50	095B50	-74.524	-68.927	-5.597
50	096B50	-77.818	-65.850	-11.968
50	100B50	-103.761	-69.447	-34.314
50	101B50	-76.242	-64.800	-11.443
50	103B50	-76.362	-67.477	-8.885
50	104B50	-95.878	-67.064	-28.815
50	062U50	-70.033	-68.327	-1.706
50	064U50	-76.875	-70.007	-6.868
50	065U50	-69.574	-72.096	2.522
50	066U50	-78.647	-63.304	-15.344
50	068U50	-73.070	-67.967	-5.103
100	069B100	-69.481	-66.651	-2.829
100	070B100	-70.750	-69.597	-1.153
100	071B100	-75.074	-71.137	-3.937
100	072B100	-69.187	-72.006	2.820
100	073B100	-80.555	-86.832	6.277
100	074B100	-71.352	-101.221	29.869
100	075B100	-73.035	-77.853	4.817
100	076B100	-74.114	-79.774	5.660
100	077B100	-76.189	-70.243	-5.946
100	078B100	-75.107	-72.459	-2.648
100	079B100	-75.200	-72.611	-2.589
100	080B100	-80.994	-79.925	-1.070
100	083B100	-91.971	-73.005	-18.967
100	084B100	-95.360	-79.896	-15.463
100	085B100	-83.686	-74.289	-9.398
100	089B100	-75.409	-72.142	-3.267
100	095B100	-74.524	-73.537	-0.987
100	096B100	-77.818	-82.399	4.581
100	100B100	-103.761	-70.263	-33.498
100	101B100	-76.242	-85.893	9.651
100	103B100	-76.362	-73.456	-2.906
100	104B100	-95.878	-77.064	-18.814
100	062U100	-70.033	-71.121	1.088
100	064U100	-76.875	-69.557	-7.318
100	065U100	-69.574	-66.599	-2.975
100	066U100	-78.647	-79.143	0.496
100	068U100	-73.070	-69.993	-3.077
	Max	-69.187	-63.304	34.582
	Average	-76.450	-75.304	-1.146
	Min	-103.761	-104.670	-34.314
	Std Dev	7.662	8.729	12.245

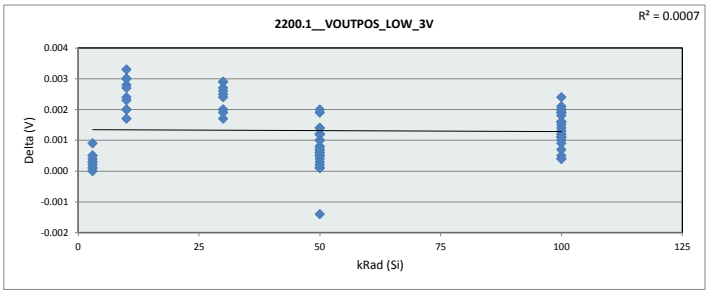


	2100.1__CMRR_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	-50	dB			
Min Limit		dB			
kRad (Si)	3	10	30	50	100
LL					
Min	-87.004	-104.615	-104.670	-73.344	-101.221
Average	-73.019	-85.229	-85.212	-68.602	-75.506
Max	-68.916	-77.437	-73.933	-63.304	-66.599
UL	-50.000	-50.000	-50.000	-50.000	-50.000

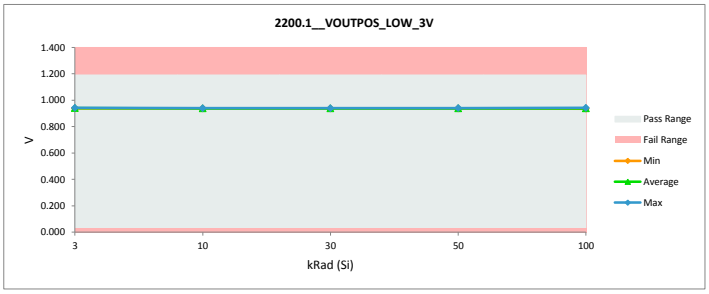


TID Report
LMH5401-SP LDR

	2200.1__VOUTPOS_LOW_3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	V	V	
Max Limit	1.19	1.19	
Min Limit	0.033	0.033	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	0.941	0.941	0.000
3	055B3	0.941	0.940	0.000
3	056B3	0.941	0.941	0.000
3	060B3	0.940	0.939	0.001
3	061B3	0.941	0.941	0.000
3	062U3	0.940	0.940	0.000
3	064U3	0.940	0.940	0.000
3	065U3	0.939	0.938	0.000
3	066U3	0.942	0.942	0.000
3	068U3	0.940	0.940	0.001
10	054B10	0.941	0.938	0.003
10	055B10	0.941	0.938	0.002
10	056B10	0.941	0.938	0.003
10	060B10	0.940	0.937	0.003
10	061B10	0.941	0.938	0.003
10	062U10	0.940	0.938	0.002
10	064U10	0.940	0.938	0.003
10	065U10	0.939	0.937	0.002
10	066U10	0.942	0.940	0.002
10	068U10	0.940	0.938	0.002
30	054B30	0.941	0.938	0.003
30	055B30	0.941	0.938	0.002
30	056B30	0.941	0.939	0.002
30	060B30	0.940	0.938	0.003
30	061B30	0.941	0.938	0.003
30	062U30	0.940	0.938	0.002
30	064U30	0.940	0.938	0.003
30	065U30	0.939	0.937	0.002
30	066U30	0.942	0.940	0.002
30	068U30	0.940	0.938	0.002
50	069B50	0.939	0.938	0.000
50	070B50	0.939	0.938	0.000
50	071B50	0.939	0.938	0.001
50	072B50	0.940	0.939	0.000
50	073B50	0.939	0.939	0.001
50	074B50	0.940	0.940	0.001
50	075B50	0.940	0.939	0.001
50	076B50	0.939	0.938	0.001
50	077B50	0.938	0.937	0.001
50	078B50	0.937	0.937	0.000
50	079B50	0.939	0.939	0.001
50	080B50	0.939	0.938	0.001
50	083B50	0.939	0.938	0.001
50	084B50	0.939	0.937	0.001
50	085B50	0.939	0.939	0.001
50	089B50	0.939	0.938	0.001
50	095B50	0.939	0.939	0.000
50	096B50	0.939	0.939	0.000
50	100B50	0.938	0.937	0.001
50	101B50	0.941	0.941	0.000
50	103B50	0.939	0.938	0.001
50	104B50	0.937	0.938	-0.001
50	062U50	0.940	0.939	0.001
50	064U50	0.940	0.938	0.002
50	065U50	0.939	0.937	0.001
50	066U50	0.942	0.940	0.001
50	068U50	0.940	0.938	0.002
100	069B100	0.939	0.938	0.001
100	070B100	0.939	0.937	0.001
100	071B100	0.939	0.937	0.002
100	072B100	0.940	0.938	0.001
100	073B100	0.939	0.938	0.002
100	074B100	0.940	0.938	0.002
100	075B100	0.940	0.938	0.002
100	076B100	0.939	0.937	0.002
100	077B100	0.938	0.936	0.002
100	078B100	0.937	0.936	0.001
100	079B100	0.939	0.938	0.002
100	080B100	0.939	0.937	0.002
100	083B100	0.939	0.937	0.002
100	084B100	0.939	0.936	0.002
100	085B100	0.939	0.938	0.002
100	089B100	0.939	0.937	0.001
100	095B100	0.939	0.938	0.001
100	096B100	0.939	0.938	0.001
100	100B100	0.938	0.937	0.002
100	101B100	0.941	0.940	0.001
100	103B100	0.939	0.938	0.002
100	104B100	0.937	0.936	0.001
100	062U100	0.940	0.940	0.000
100	064U100	0.940	0.939	0.001
100	065U100	0.939	0.938	0.000
100	066U100	0.942	0.941	0.000
100	068U100	0.940	0.939	0.001
	Max	0.942	0.942	0.003
	Average	0.940	0.938	0.001
	Min	0.937	0.936	-0.001
	Std Dev	0.001	0.001	0.001

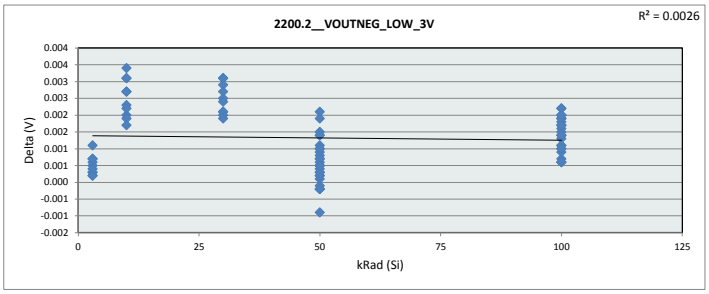


	2200.1__VOUTPOS_LOW_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.19	V			
Min Limit	0.033	V			
kRad (Si)	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033
Min	0.939	0.937	0.937	0.937	0.936
Average	0.940	0.938	0.938	0.938	0.938
Max	0.942	0.940	0.940	0.941	0.941
UL	1.190	1.190	1.190	1.190	1.190

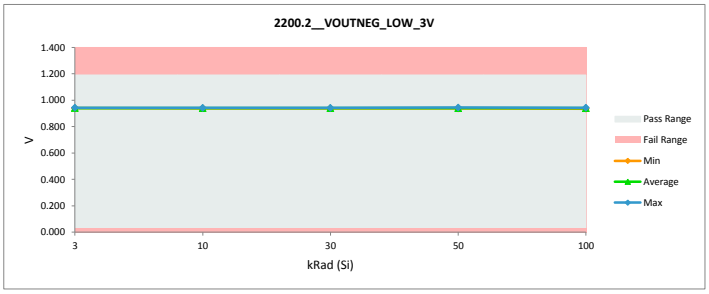


TID Report
LMH5401-SP LDR

	2200.2__VOUTNEG_LOW_3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	V	V	
Max Limit	1.19	1.19	
Min Limit	0.033	0.033	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	0.943	0.942	0.000
3	055B3	0.942	0.941	0.000
3	056B3	0.942	0.942	0.000
3	060B3	0.941	0.940	0.001
3	061B3	0.942	0.942	0.001
3	062U3	0.941	0.941	0.001
3	064U3	0.942	0.941	0.001
3	065U3	0.940	0.939	0.000
3	066U3	0.943	0.943	0.000
3	068U3	0.941	0.940	0.001
10	054B10	0.943	0.939	0.003
10	055B10	0.942	0.939	0.002
10	056B10	0.942	0.939	0.003
10	060B10	0.941	0.938	0.003
10	061B10	0.942	0.939	0.003
10	062U10	0.941	0.939	0.002
10	064U10	0.942	0.939	0.003
10	065U10	0.940	0.938	0.002
10	066U10	0.943	0.942	0.002
10	068U10	0.941	0.939	0.002
30	054B30	0.943	0.939	0.003
30	055B30	0.942	0.939	0.002
30	056B30	0.942	0.939	0.002
30	060B30	0.941	0.938	0.003
30	061B30	0.942	0.939	0.003
30	062U30	0.941	0.939	0.002
30	064U30	0.942	0.939	0.003
30	065U30	0.940	0.938	0.002
30	066U30	0.943	0.941	0.002
30	068U30	0.941	0.939	0.002
50	069B50	0.939	0.939	0.000
50	070B50	0.940	0.940	0.000
50	071B50	0.940	0.939	0.001
50	072B50	0.940	0.940	0.000
50	073B50	0.941	0.940	0.001
50	074B50	0.941	0.940	0.000
50	075B50	0.941	0.941	0.001
50	076B50	0.940	0.939	0.001
50	077B50	0.938	0.938	0.001
50	078B50	0.939	0.939	0.000
50	079B50	0.940	0.940	0.000
50	080B50	0.940	0.939	0.001
50	083B50	0.940	0.939	0.001
50	084B50	0.940	0.939	0.001
50	085B50	0.940	0.940	0.000
50	089B50	0.940	0.939	0.001
50	095B50	0.940	0.940	0.000
50	096B50	0.941	0.941	0.000
50	100B50	0.939	0.938	0.001
50	101B50	0.943	0.944	0.000
50	103B50	0.940	0.940	0.001
50	104B50	0.939	0.940	-0.001
50	062U50	0.941	0.940	0.001
50	064U50	0.942	0.939	0.002
50	065U50	0.940	0.938	0.002
50	066U50	0.943	0.942	0.001
50	068U50	0.941	0.939	0.002
100	069B100	0.939	0.938	0.001
100	070B100	0.940	0.939	0.001
100	071B100	0.940	0.938	0.002
100	072B100	0.940	0.939	0.001
100	073B100	0.941	0.938	0.002
100	074B100	0.941	0.939	0.002
100	075B100	0.941	0.939	0.002
100	076B100	0.940	0.938	0.002
100	077B100	0.938	0.936	0.002
100	078B100	0.939	0.938	0.001
100	079B100	0.940	0.938	0.002
100	080B100	0.940	0.938	0.002
100	083B100	0.940	0.938	0.002
100	084B100	0.940	0.938	0.002
100	085B100	0.940	0.939	0.002
100	089B100	0.940	0.938	0.002
100	095B100	0.940	0.939	0.001
100	096B100	0.941	0.940	0.001
100	100B100	0.939	0.937	0.002
100	101B100	0.943	0.942	0.001
100	103B100	0.940	0.938	0.002
100	104B100	0.939	0.938	0.001
100	062U100	0.941	0.941	0.001
100	064U100	0.942	0.940	0.001
100	065U100	0.940	0.939	0.001
100	066U100	0.943	0.943	0.001
100	068U100	0.941	0.940	0.001
	Max	0.943	0.944	0.003
	Average	0.941	0.939	0.001
	Min	0.938	0.936	-0.001
	Std Dev	0.001	0.001	0.001



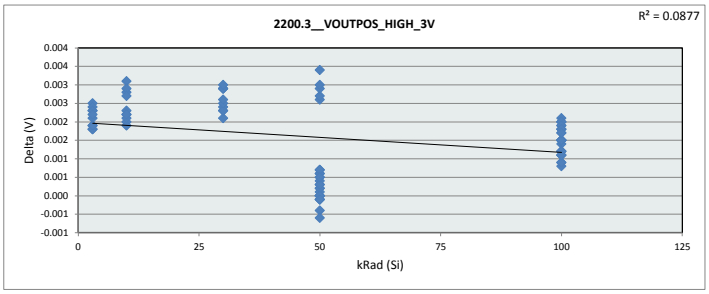
	2200.2__VOUTNEG_LOW_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.19	V			
Min Limit	0.033	V			
kRad (Si)	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033
Min	0.940	0.938	0.938	0.938	0.936
Average	0.941	0.939	0.939	0.940	0.939
Max	0.943	0.942	0.941	0.944	0.943
UL	1.190	1.190	1.190	1.190	1.190



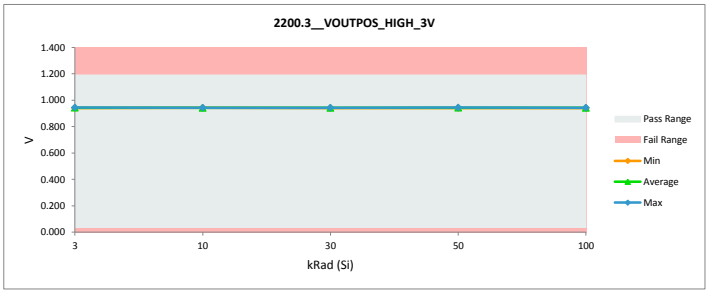
TID Report
LMH5401-SP LDR

	2200.3__VOUTPOS_HIGH_3V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	V	V
Max Limit	1.19	1.19
Min Limit	0.033	0.033

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	0.946	0.944	0.002
3	055B3	0.945	0.943	0.002
3	056B3	0.944	0.942	0.002
3	060B3	0.945	0.942	0.002
3	061B3	0.946	0.944	0.002
3	062U3	0.944	0.942	0.002
3	064U3	0.945	0.942	0.002
3	065U3	0.943	0.941	0.002
3	066U3	0.945	0.943	0.002
3	068U3	0.944	0.942	0.002
10	054B10	0.946	0.943	0.003
10	055B10	0.945	0.943	0.002
10	056B10	0.944	0.942	0.002
10	060B10	0.945	0.942	0.003
10	061B10	0.946	0.943	0.003
10	062U10	0.944	0.942	0.002
10	064U10	0.945	0.942	0.003
10	065U10	0.943	0.941	0.002
10	066U10	0.945	0.942	0.002
10	068U10	0.944	0.942	0.002
30	054B30	0.946	0.943	0.003
30	055B30	0.945	0.943	0.002
30	056B30	0.944	0.942	0.002
30	060B30	0.945	0.942	0.003
30	061B30	0.946	0.943	0.003
30	062U30	0.944	0.942	0.002
30	064U30	0.945	0.942	0.003
30	065U30	0.943	0.941	0.002
30	066U30	0.945	0.942	0.003
30	068U30	0.944	0.942	0.003
50	069B50	0.943	0.943	0.000
50	070B50	0.944	0.944	0.000
50	071B50	0.944	0.944	0.000
50	072B50	0.944	0.944	0.000
50	073B50	0.944	0.944	0.000
50	074B50	0.944	0.944	0.000
50	075B50	0.944	0.944	0.001
50	076B50	0.943	0.943	0.000
50	077B50	0.943	0.943	0.000
50	078B50	0.942	0.943	0.000
50	079B50	0.943	0.943	0.000
50	080B50	0.944	0.944	0.001
50	083B50	0.943	0.943	0.001
50	084B50	0.943	0.943	0.001
50	085B50	0.943	0.943	0.000
50	089B50	0.943	0.943	0.000
50	095B50	0.943	0.943	0.000
50	096B50	0.943	0.943	0.000
50	100B50	0.943	0.942	0.001
50	101B50	0.944	0.944	0.000
50	103B50	0.943	0.943	0.000
50	104B50	0.942	0.943	-0.001
50	062U50	0.944	0.942	0.003
50	064U50	0.945	0.941	0.003
50	065U50	0.943	0.941	0.003
50	066U50	0.945	0.942	0.003
50	068U50	0.944	0.941	0.003
100	069B100	0.943	0.942	0.001
100	070B100	0.944	0.942	0.001
100	071B100	0.944	0.943	0.002
100	072B100	0.944	0.942	0.002
100	073B100	0.944	0.942	0.002
100	074B100	0.944	0.942	0.002
100	075B100	0.944	0.942	0.002
100	076B100	0.943	0.942	0.002
100	077B100	0.943	0.941	0.002
100	078B100	0.942	0.941	0.001
100	079B100	0.943	0.942	0.002
100	080B100	0.944	0.942	0.002
100	083B100	0.943	0.941	0.002
100	084B100	0.943	0.941	0.002
100	085B100	0.943	0.942	0.001
100	089B100	0.943	0.942	0.002
100	095B100	0.943	0.942	0.001
100	096B100	0.943	0.942	0.001
100	100B100	0.943	0.941	0.002
100	101B100	0.944	0.942	0.002
100	103B100	0.943	0.942	0.002
100	104B100	0.942	0.941	0.001
100	062U100	0.944	0.944	0.001
100	064U100	0.945	0.943	0.002
100	065U100	0.943	0.942	0.001
100	066U100	0.945	0.943	0.001
100	068U100	0.944	0.943	0.001
	Max	0.946	0.944	0.003
	Average	0.944	0.942	0.002
	Min	0.942	0.941	-0.001
	Std Dev	0.001	0.001	0.001

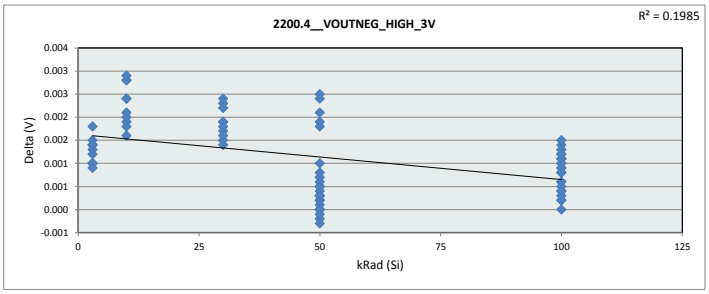


	2200.3__VOUTPOS_HIGH_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.19	V			
Min Limit	0.033	V			
kRad (Si)	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033
Min	0.941	0.941	0.941	0.941	0.941
Average	0.943	0.942	0.942	0.943	0.942
Max	0.944	0.943	0.943	0.944	0.944
UL	1.190	1.190	1.190	1.190	1.190

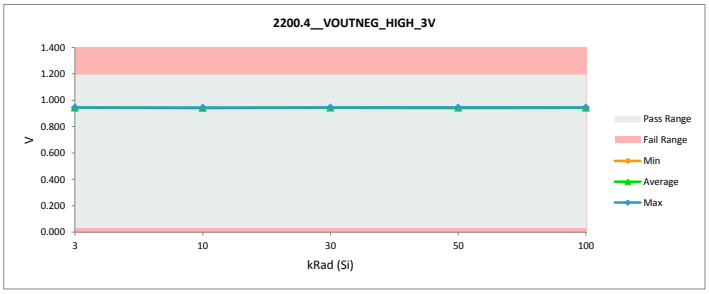


TID Report
LMH5401-SP LDR

	2200.4__VOUTNEG_HIGH_3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	V	V	
Max Limit	1.19	1.19	
Min Limit	0.033	0.033	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	0.946	0.945	0.001
3	055B3	0.945	0.944	0.001
3	056B3	0.945	0.944	0.001
3	060B3	0.944	0.942	0.002
3	061B3	0.946	0.945	0.001
3	062U3	0.944	0.942	0.001
3	064U3	0.944	0.943	0.001
3	065U3	0.943	0.942	0.001
3	066U3	0.945	0.944	0.001
3	068U3	0.944	0.943	0.001
10	054B10	0.946	0.943	0.003
10	055B10	0.945	0.943	0.002
10	056B10	0.945	0.943	0.002
10	060B10	0.944	0.941	0.003
10	061B10	0.946	0.943	0.003
10	062U10	0.944	0.942	0.002
10	064U10	0.944	0.942	0.002
10	065U10	0.943	0.941	0.002
10	066U10	0.945	0.943	0.002
10	068U10	0.944	0.942	0.002
30	054B30	0.946	0.944	0.002
30	055B30	0.945	0.944	0.001
30	056B30	0.945	0.943	0.002
30	060B30	0.944	0.942	0.002
30	061B30	0.946	0.944	0.002
30	062U30	0.944	0.942	0.002
30	064U30	0.944	0.942	0.002
30	065U30	0.943	0.941	0.002
30	066U30	0.945	0.943	0.002
30	068U30	0.944	0.942	0.002
50	069B50	0.943	0.943	0.000
50	070B50	0.943	0.944	0.000
50	071B50	0.943	0.943	0.000
50	072B50	0.943	0.943	0.000
50	073B50	0.944	0.943	0.000
50	074B50	0.944	0.944	0.000
50	075B50	0.944	0.944	0.001
50	076B50	0.943	0.943	0.000
50	077B50	0.943	0.943	0.000
50	078B50	0.942	0.942	0.000
50	079B50	0.943	0.943	0.000
50	080B50	0.943	0.943	0.001
50	083B50	0.943	0.942	0.001
50	084B50	0.943	0.942	0.001
50	085B50	0.943	0.943	0.000
50	089B50	0.943	0.942	0.000
50	095B50	0.943	0.943	0.000
50	096B50	0.943	0.944	0.000
50	100B50	0.943	0.942	0.001
50	101B50	0.945	0.945	0.000
50	103B50	0.943	0.943	0.001
50	104B50	0.942	0.942	0.000
50	062U50	0.944	0.942	0.002
50	064U50	0.944	0.942	0.002
50	065U50	0.943	0.941	0.002
50	066U50	0.945	0.943	0.002
50	068U50	0.944	0.942	0.002
100	069B100	0.943	0.942	0.000
100	070B100	0.943	0.943	0.001
100	071B100	0.943	0.943	0.001
100	072B100	0.943	0.942	0.001
100	073B100	0.944	0.943	0.001
100	074B100	0.944	0.943	0.001
100	075B100	0.944	0.943	0.001
100	076B100	0.943	0.942	0.001
100	077B100	0.943	0.942	0.001
100	078B100	0.942	0.942	0.000
100	079B100	0.943	0.942	0.001
100	080B100	0.943	0.942	0.001
100	083B100	0.943	0.942	0.001
100	084B100	0.943	0.942	0.001
100	085B100	0.943	0.942	0.001
100	089B100	0.943	0.942	0.001
100	095B100	0.943	0.942	0.000
100	096B100	0.943	0.943	0.001
100	100B100	0.943	0.942	0.002
100	101B100	0.945	0.944	0.001
100	103B100	0.943	0.942	0.001
100	104B100	0.942	0.942	0.000
100	062U100	0.944	0.944	0.000
100	064U100	0.944	0.943	0.001
100	065U100	0.943	0.942	0.000
100	066U100	0.945	0.945	0.000
100	068U100	0.944	0.944	0.000
	Max	0.946	0.945	0.003
	Average	0.944	0.943	0.001
	Min	0.942	0.941	0.000
	Std Dev	0.001	0.001	0.001



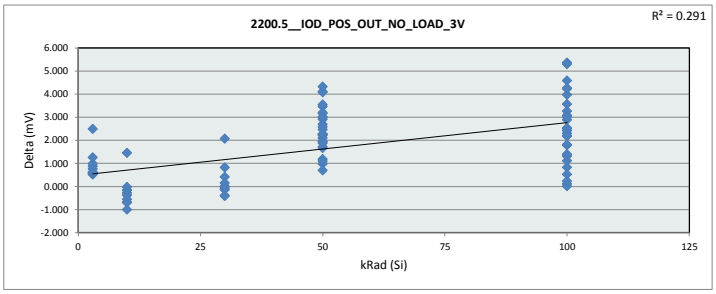
	2200.4__VOUTNEG_HIGH_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.19	V			
Min Limit	0.033	V			
kRad (Si)	3	10	30	50	100
LL	0.033	0.033	0.033	0.033	0.033
Min	0.942	0.941	0.941	0.941	0.942
Average	0.943	0.942	0.943	0.943	0.943
Max	0.945	0.943	0.944	0.945	0.945
UL	1.190	1.190	1.190	1.190	1.190



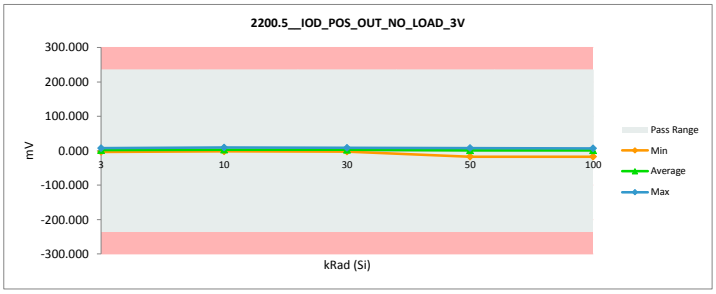
TID Report
LMH5401-SP LDR

	2200.5__IOD_POS_OUT_NO_LO	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	1.521	0.933	0.588
3	055B3	3.858	2.977	0.881
3	056B3	3.016	2.026	0.990
3	060B3	1.971	1.453	0.518
3	061B3	6.301	3.810	2.491
3	062U3	6.301	5.039	1.263
3	064U3	2.327	1.564	0.763
3	065U3	-1.831	-2.384	0.553
3	066U3	-2.697	-3.307	0.610
3	068U3	8.118	7.493	0.625
10	054B10	1.521	1.541	-0.020
10	055B10	3.858	4.536	-0.678
10	056B10	3.016	3.180	-0.164
10	060B10	1.971	2.130	-0.159
10	061B10	6.301	4.850	1.451
10	062U10	6.301	6.583	-0.281
10	064U10	2.327	2.704	-0.377
10	065U10	-1.831	-1.278	-0.553
10	066U10	-2.697	-2.002	-0.695
10	068U10	8.118	9.120	-1.001
30	054B30	1.521	1.649	-0.128
30	055B30	3.858	4.257	-0.399
30	056B30	3.016	3.005	0.011
30	060B30	1.971	1.146	0.825
30	061B30	6.301	4.231	2.071
30	062U30	6.301	5.889	0.413
30	064U30	2.327	2.175	0.152
30	065U30	-1.831	-1.779	-0.052
30	066U30	-2.697	-2.288	-0.408
30	068U30	8.118	8.252	-0.134
50	069B50	0.271	-1.449	1.720
50	070B50	2.888	0.637	2.251
50	071B50	1.482	-0.447	1.929
50	072B50	9.024	4.914	4.110
50	073B50	4.449	1.757	2.692
50	074B50	7.870	3.791	4.079
50	075B50	7.339	3.018	4.321
50	076B50	10.205	7.298	2.907
50	077B50	3.688	2.707	0.981
50	078B50	1.106	-0.994	2.100
50	079B50	9.038	7.368	1.670
50	080B50	3.905	0.706	3.199
50	083B50	-0.022	-1.981	1.959
50	084B50	2.305	0.429	1.876
50	085B50	5.059	2.791	2.268
50	089B50	-0.486	-1.183	0.697
50	095B50	7.826	4.833	2.993
50	096B50	11.003	7.835	3.168
50	100B50	7.785	5.200	2.585
50	101B50	-15.922	-17.103	1.181
50	103B50	9.045	5.583	3.462
50	104B50	0.245	-0.855	1.100
50	062U50	6.301	2.757	3.545
50	064U50	2.327	-0.140	2.467
50	065U50	-1.831	-4.045	2.214
50	066U50	-2.697	-4.953	2.256
50	068U50	8.118	5.108	3.010
100	069B100	0.271	-1.516	1.788
100	070B100	2.888	-0.378	3.266
100	071B100	1.482	-0.933	2.415
100	072B100	9.024	3.661	5.363
100	073B100	4.449	1.917	2.531
100	074B100	7.870	3.288	4.582
100	075B100	7.339	2.042	5.296
100	076B100	10.205	7.126	3.079
100	077B100	3.688	2.861	0.827
100	078B100	1.106	-1.394	2.500
100	079B100	9.038	6.846	2.192
100	080B100	3.905	-0.063	3.968
100	083B100	-0.022	-2.319	2.296
100	084B100	2.305	0.491	1.815
100	085B100	5.059	2.172	2.887
100	089B100	-0.486	-0.595	0.109
100	095B100	7.826	4.256	3.570
100	096B100	11.003	6.745	4.259
100	100B100	7.785	4.777	3.009
100	101B100	-15.922	-17.039	1.117
100	103B100	9.045	4.813	4.232
100	104B100	0.245	-1.153	1.398
100	062U100	6.301	4.123	2.179
100	064U100	2.327	1.804	0.523
100	065U100	-1.831	-1.846	0.015
100	066U100	-2.697	-2.932	0.236
100	068U100	8.118	6.800	1.318
	Max	11.003	9.120	5.363
	Average	3.420	1.722	1.698
	Min	-15.922	-17.103	-1.001
	Std Dev	4.836	4.356	1.530



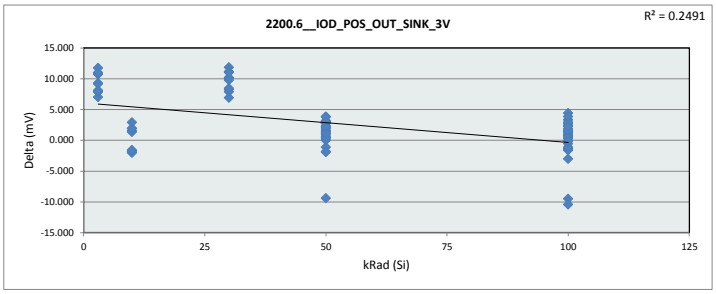
	2200.5__IOD_POS_OUT_NO_L				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-3.307	-2.002	-2.288	-17.103	-17.039
Average	1.960	3.136	2.654	1.244	1.243
Max	7.493	9.120	8.252	7.835	7.126
UL	235.000	235.000	235.000	235.000	235.000



TID Report
LMH5401-SP LDR

	2200.6__IOD_POS_OUT_SINK_3	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	20.491	13.465	7.026
3	055B3	27.881	17.115	10.766
3	056B3	23.668	15.821	7.847
3	060B3	23.368	14.199	9.170
3	061B3	30.582	19.846	10.737
3	062U3	31.577	19.839	11.737
3	064U3	22.552	14.617	7.935
3	065U3	17.799	9.691	8.108
3	066U3	18.960	9.685	9.275
3	068U3	34.229	23.224	11.004
10	054B10	20.491	18.529	1.963
10	055B10	27.881	26.367	1.514
10	056B10	23.668	22.315	1.353
10	060B10	23.368	21.458	1.910
10	061B10	30.582	27.660	2.922
10	062U10	31.577	33.305	-1.729
10	064U10	22.552	24.484	-1.932
10	065U10	17.799	19.609	-1.811
10	066U10	18.960	20.970	-2.010
10	068U10	34.229	35.818	-1.589
30	054B30	20.491	13.565	6.927
30	055B30	27.881	17.803	10.078
30	056B30	23.668	15.792	7.876
30	060B30	23.368	13.172	10.196
30	061B30	30.582	19.442	11.140
30	062U30	31.577	19.728	11.848
30	064U30	22.552	14.304	8.247
30	065U30	17.799	9.360	8.439
30	066U30	18.960	9.182	9.778
30	068U30	34.229	23.212	11.017
50	069B50	24.469	21.664	2.804
50	070B50	26.500	24.658	1.841
50	071B50	24.810	23.376	1.434
50	072B50	34.740	30.897	3.843
50	073B50	25.281	24.820	0.460
50	074B50	34.081	31.212	2.869
50	075B50	30.374	27.394	2.980
50	076B50	36.987	33.939	3.048
50	077B50	27.286	26.434	0.851
50	078B50	24.985	22.637	2.348
50	079B50	34.794	32.588	2.206
50	080B50	25.828	24.256	1.572
50	083B50	21.162	19.993	1.170
50	084B50	24.452	23.911	0.541
50	085B50	30.679	27.925	2.754
50	089B50	19.702	19.701	0.000
50	095B50	32.746	29.961	2.785
50	096B50	38.644	35.478	3.166
50	100B50	35.183	31.388	3.796
50	101B50	5.465	14.871	-9.406
50	103B50	34.582	31.577	3.005
50	104B50	27.275	25.214	2.061
50	062U50	31.577	31.347	0.229
50	064U50	22.552	24.439	-1.887
50	065U50	17.799	18.899	-1.101
50	066U50	18.960	20.836	-1.875
50	068U50	34.229	33.114	1.115
100	069B100	24.469	23.678	0.791
100	070B100	26.500	25.534	0.966
100	071B100	24.810	25.349	-0.539
100	072B100	34.740	31.404	3.336
100	073B100	25.281	26.884	-1.603
100	074B100	34.081	32.539	1.542
100	075B100	30.374	27.945	2.429
100	076B100	36.987	35.563	1.424
100	077B100	27.286	28.608	-1.323
100	078B100	24.985	23.794	1.192
100	079B100	34.794	34.138	0.657
100	080B100	25.828	25.566	0.262
100	083B100	21.162	30.663	-9.501
100	084B100	24.452	25.858	-1.405
100	085B100	30.679	28.835	1.844
100	089B100	19.702	30.128	-10.426
100	095B100	32.746	31.144	1.602
100	096B100	38.644	35.940	2.704
100	100B100	35.183	32.237	2.947
100	101B100	5.465	6.901	-1.436
100	103B100	34.582	32.348	2.234
100	104B100	27.275	26.895	0.380
100	062U100	31.577	27.159	4.417
100	064U100	22.552	23.675	-1.123
100	065U100	17.799	20.808	-3.009
100	066U100	18.960	19.082	-0.122
100	068U100	34.229	30.369	3.859
	Max	38.644	35.940	11.848
	Average	26.710	24.037	2.672
	Min	5.465	6.901	-10.426
	Std Dev	6.746	7.109	4.655



	2200.6__IOD_POS_OUT_SINK				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	9.685	18.529	9.182	14.871	6.901
Average	15.750	25.052	15.556	26.390	27.520
Max	23.224	35.818	23.212	35.478	35.940
UL	235.000	235.000	235.000	235.000	235.000

TID Report
LMH5401-SP LDR

	2200.7__IOD_POS_OUT_SOURC	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

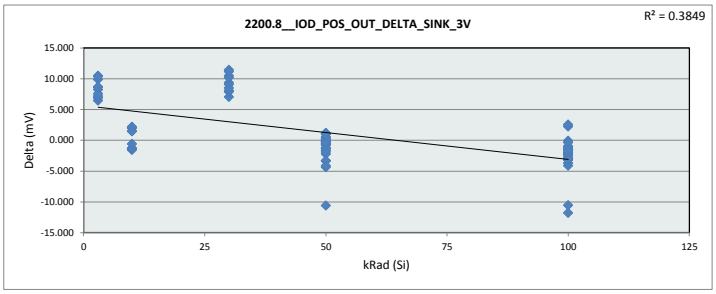
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	26.979	23.095	3.884
3	055B3	35.026	30.717	4.309
3	056B3	29.694	25.706	3.987
3	060B3	30.051	24.930	5.121
3	061B3	38.251	33.248	5.003
3	062U3	38.711	33.912	4.799
3	064U3	28.648	24.433	4.215
3	065U3	24.434	20.389	4.045
3	066U3	23.712	18.520	5.192
3	068U3	42.735	37.565	5.170
10	054B10	26.979	23.340	3.639
10	055B10	35.026	30.770	4.255
10	056B10	29.694	25.684	4.010
10	060B10	30.051	25.563	4.488
10	061B10	38.251	32.487	5.764
10	062U10	38.711	36.773	1.938
10	064U10	28.648	27.411	1.237
10	065U10	24.434	23.576	0.858
10	066U10	23.712	22.975	0.737
10	068U10	42.735	40.899	1.836
30	054B30	26.979	17.019	9.960
30	055B30	35.026	25.432	9.594
30	056B30	29.694	20.574	9.120
30	060B30	30.051	17.795	12.256
30	061B30	38.251	26.944	11.307
30	062U30	38.711	29.870	8.842
30	064U30	28.648	20.914	7.733
30	065U30	24.434	16.188	8.246
30	066U30	23.712	14.802	8.910
30	068U30	42.735	33.962	8.773
50	069B50	30.076	30.495	-0.419
50	070B50	33.211	35.190	-1.979
50	071B50	31.199	32.406	-1.206
50	072B50	43.051	43.539	-0.487
50	073B50	32.191	33.736	-1.544
50	074B50	43.036	44.866	-1.830
50	075B50	38.969	38.267	0.701
50	076B50	45.523	46.520	-0.996
50	077B50	33.428	34.204	-0.776
50	078B50	30.921	31.251	-0.330
50	079B50	42.714	43.555	-0.841
50	080B50	32.797	33.158	-0.361
50	083B50	26.138	26.227	-0.089
50	084B50	30.570	31.717	-1.147
50	085B50	39.467	39.841	-0.375
50	089B50	24.784	24.569	0.215
50	095B50	41.156	41.588	-0.432
50	096B50	48.391	49.450	-1.059
50	100B50	41.342	40.850	0.492
50	101B50	5.593	-3.535	9.128
50	103B50	41.721	42.309	-0.588
50	104B50	35.072	36.872	-1.800
50	062U50	38.711	41.237	-2.526
50	064U50	28.648	30.958	-2.310
50	065U50	24.434	27.230	-2.795
50	066U50	23.712	27.363	-3.652
50	068U50	42.735	45.351	-2.616
100	069B100	30.076	21.226	8.850
100	070B100	33.211	25.299	7.912
100	071B100	31.199	24.179	7.021
100	072B100	43.051	33.884	9.167
100	073B100	32.191	26.716	5.475
100	074B100	43.036	36.681	6.355
100	075B100	38.969	29.063	9.906
100	076B100	45.523	38.500	7.023
100	077B100	33.428	27.172	6.256
100	078B100	30.921	22.909	8.012
100	079B100	42.714	35.712	7.002
100	080B100	32.797	25.353	7.444
100	083B100	26.138	7.200	18.938
100	084B100	30.570	24.514	6.056
100	085B100	39.467	30.733	8.734
100	089B100	24.784	7.066	17.718
100	095B100	41.156	32.752	8.403
100	096B100	48.391	40.166	8.225
100	100B100	41.342	32.727	8.615
100	101B100	5.593	-14.164	19.757
100	103B100	41.721	33.883	7.837
100	104B100	35.072	29.499	5.573
100	062U100	38.711	33.833	4.878
100	064U100	28.648	18.343	10.305
100	065U100	24.434	11.481	12.953
100	066U100	23.712	12.551	11.160
100	068U100	42.735	38.056	4.679
	Max	48.391	49.450	19.757
	Average	33.499	28.810	4.689
	Min	5.593	-14.164	-3.652
	Std Dev	8.152	10.705	5.101

	2200.7__IOD_POS_OUT_SOUR				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	18.520	22.975	14.802	-3.535	-14.164
Average	27.252	28.948	22.350	35.156	25.383
Max	37.565	40.899	33.962	49.450	40.166
UL	235.000	235.000	235.000	235.000	235.000

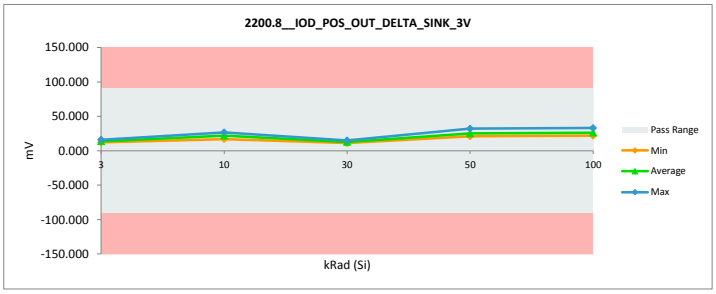
TID Report
LMH5401-SP LDR

	2200.8__IOD_POS_OUT_DELTA	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	18.970	12.532	6.439
3	055B3	24.023	14.138	9.885
3	056B3	20.652	13.795	6.856
3	060B3	21.397	12.746	8.652
3	061B3	24.281	16.035	8.246
3	062U3	25.275	14.800	10.475
3	064U3	20.225	13.053	7.172
3	065U3	19.630	12.075	7.555
3	066U3	21.657	12.992	8.665
3	068U3	26.110	15.731	10.379
10	054B10	18.970	16.987	1.983
10	055B10	24.023	21.831	2.192
10	056B10	20.652	19.135	1.517
10	060B10	21.397	19.328	2.070
10	061B10	24.281	22.810	1.471
10	062U10	25.275	26.723	-1.448
10	064U10	20.225	21.780	-1.555
10	065U10	19.630	20.888	-1.258
10	066U10	21.657	22.972	-1.315
10	068U10	26.110	26.698	-0.588
30	054B30	18.970	11.916	7.054
30	055B30	24.023	13.546	10.477
30	056B30	20.652	12.787	7.865
30	060B30	21.397	12.026	9.371
30	061B30	24.281	15.212	9.069
30	062U30	25.275	13.840	11.436
30	064U30	20.225	12.130	8.095
30	065U30	19.630	11.139	8.491
30	066U30	21.657	11.470	10.187
30	068U30	26.110	14.960	11.150
50	069B50	24.197	23.113	1.084
50	070B50	23.611	24.021	-0.410
50	071B50	23.328	23.823	-0.495
50	072B50	25.716	25.983	-0.267
50	073B50	20.832	23.063	-2.231
50	074B50	26.211	27.421	-1.210
50	075B50	23.035	24.376	-1.340
50	076B50	26.782	26.641	0.140
50	077B50	23.598	23.728	-0.130
50	078B50	23.880	23.631	0.249
50	079B50	25.756	25.220	0.536
50	080B50	21.923	23.550	-1.627
50	083B50	21.185	21.974	-0.789
50	084B50	22.147	23.482	-1.335
50	085B50	25.620	25.134	0.486
50	089B50	20.188	20.884	-0.696
50	095B50	24.920	25.128	-0.208
50	096B50	27.640	27.642	-0.002
50	100B50	27.398	26.188	1.211
50	101B50	21.387	31.974	-10.587
50	103B50	25.537	25.994	-0.457
50	104B50	27.031	26.069	0.961
50	062U50	25.275	28.591	-3.316
50	064U50	20.225	24.579	-4.354
50	065U50	19.630	22.944	-3.314
50	066U50	21.657	25.788	-4.131
50	068U50	26.110	28.006	-1.896
100	069B100	24.197	25.194	-0.997
100	070B100	23.611	25.911	-2.300
100	071B100	23.328	26.282	-2.954
100	072B100	25.716	27.743	-2.027
100	073B100	20.832	24.966	-4.134
100	074B100	26.211	29.251	-3.040
100	075B100	23.035	25.903	-2.867
100	076B100	26.782	28.437	-1.655
100	077B100	23.598	25.748	-2.150
100	078B100	23.880	25.188	-1.308
100	079B100	25.756	27.291	-1.535
100	080B100	21.923	25.629	-3.706
100	083B100	21.185	32.982	-11.797
100	084B100	22.147	25.367	-3.220
100	085B100	25.620	26.663	-1.043
100	089B100	20.188	30.722	-10.535
100	095B100	24.920	26.888	-1.968
100	096B100	27.640	29.195	-1.555
100	100B100	27.398	27.460	-0.062
100	101B100	21.387	23.940	-2.552
100	103B100	25.537	27.535	-1.998
100	104B100	27.031	28.049	-1.018
100	062U100	25.275	23.037	2.239
100	064U100	20.225	21.871	-1.646
100	065U100	19.630	22.653	-3.024
100	066U100	21.657	22.014	-0.357
100	068U100	26.110	23.569	2.541
	Max	27.640	32.982	11.436
	Average	23.289	22.316	0.974
	Min	18.970	11.139	-11.797
	Std Dev	2.519	5.696	5.076



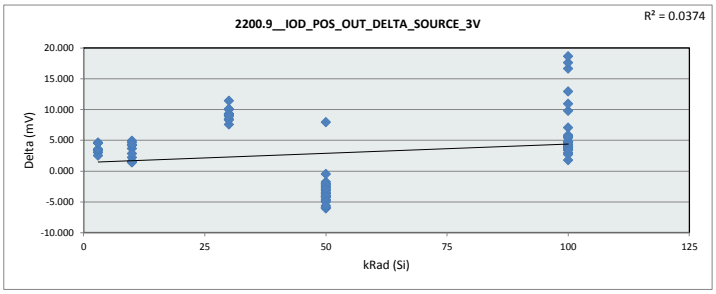
	2200.8__IOD_POS_OUT_DELT				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	90	mV			
Min Limit	-90	mV			
kRad (Si)	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	12.075	16.987	11.139	20.884	21.871
Average	13.790	21.915	12.902	25.146	26.277
Max	16.035	26.723	15.212	31.974	32.982
UL	90.000	90.000	90.000	90.000	90.000



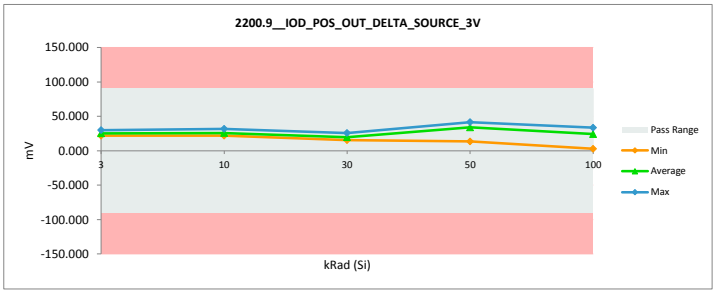
TID Report
LMH5401-SP LDR

	2200.9__IOD_POS_OUT_DELTA	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	25.458	22.162	3.296
3	055B3	31.168	27.740	3.427
3	056B3	26.678	23.680	2.997
3	060B3	28.080	23.477	4.603
3	061B3	31.950	29.438	2.512
3	062U3	32.410	28.873	3.537
3	064U3	26.321	22.869	3.451
3	065U3	26.265	22.773	3.492
3	066U3	26.408	21.827	4.582
3	068U3	34.616	30.072	4.545
10	054B10	25.458	21.799	3.660
10	055B10	31.168	26.234	4.933
10	056B10	26.678	22.504	4.174
10	060B10	28.080	23.433	4.647
10	061B10	31.950	27.637	4.313
10	062U10	32.410	30.191	2.219
10	064U10	26.321	24.708	1.613
10	065U10	26.265	24.855	1.411
10	066U10	26.408	24.976	1.432
10	068U10	34.616	31.779	2.837
30	054B30	25.458	15.370	10.088
30	055B30	31.168	21.174	9.993
30	056B30	26.678	17.569	9.109
30	060B30	28.080	16.649	11.431
30	061B30	31.950	22.714	9.236
30	062U30	32.410	23.981	8.429
30	064U30	26.321	18.740	7.581
30	065U30	26.265	17.967	8.298
30	066U30	26.408	17.090	9.319
30	068U30	34.616	25.710	8.907
50	069B50	29.805	31.943	-2.139
50	070B50	30.323	34.553	-4.230
50	071B50	29.718	32.853	-3.135
50	072B50	34.027	38.624	-4.598
50	073B50	27.742	31.979	-4.236
50	074B50	35.166	41.075	-5.909
50	075B50	31.630	35.250	-3.619
50	076B50	35.318	39.222	-3.904
50	077B50	29.740	31.497	-1.757
50	078B50	29.816	32.245	-2.429
50	079B50	33.675	36.187	-2.511
50	080B50	28.892	32.453	-3.561
50	083B50	26.160	28.208	-2.048
50	084B50	28.265	31.288	-3.024
50	085B50	34.407	37.050	-2.643
50	089B50	25.270	25.752	-0.482
50	095B50	33.330	36.755	-3.425
50	096B50	37.387	41.614	-4.227
50	100B50	33.557	35.650	-2.093
50	101B50	21.515	13.568	7.947
50	103B50	32.676	36.726	-4.050
50	104B50	34.827	37.727	-2.900
50	062U50	32.410	38.480	-6.070
50	064U50	26.321	31.098	-4.777
50	065U50	26.265	31.275	-5.009
50	066U50	26.408	32.316	-5.907
50	068U50	34.616	40.243	-5.627
100	069B100	29.805	22.743	7.062
100	070B100	30.323	25.676	4.647
100	071B100	29.718	25.112	4.606
100	072B100	34.027	30.223	3.804
100	073B100	27.742	24.799	2.943
100	074B100	35.166	33.393	1.773
100	075B100	31.630	27.021	4.609
100	076B100	35.318	31.374	3.944
100	077B100	29.740	24.312	5.428
100	078B100	29.816	24.304	5.512
100	079B100	33.675	28.866	4.810
100	080B100	28.892	25.416	3.476
100	083B100	26.160	9.519	16.642
100	084B100	28.265	24.023	4.242
100	085B100	34.407	28.560	5.847
100	089B100	25.270	7.661	17.609
100	095B100	33.330	28.496	4.833
100	096B100	37.387	33.421	3.966
100	100B100	33.557	27.951	5.606
100	101B100	21.515	2.874	18.641
100	103B100	32.676	29.071	3.605
100	104B100	34.827	30.652	4.175
100	062U100	32.410	29.711	2.699
100	064U100	26.321	16.539	9.782
100	065U100	26.265	13.327	12.939
100	066U100	26.408	15.484	10.925
100	068U100	34.616	31.256	3.360
	Max	37.387	41.614	18.641
	Average	30.079	27.088	2.990
	Min	21.515	2.874	-6.070
	Std Dev	3.685	7.688	5.555



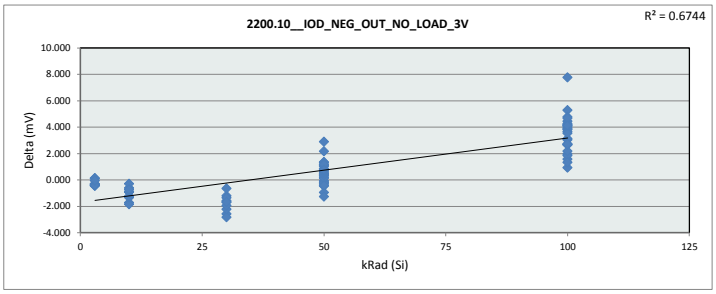
	2200.9__IOD_POS_OUT_DELT				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	90	mV			
Min Limit	-90	mV			
kRad (Si)	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	21.827	21.799	15.370	13.568	2.874
Average	25.291	25.811	19.696	33.912	24.140
Max	30.072	31.779	25.710	41.614	33.421
UL	90.000	90.000	90.000	90.000	90.000



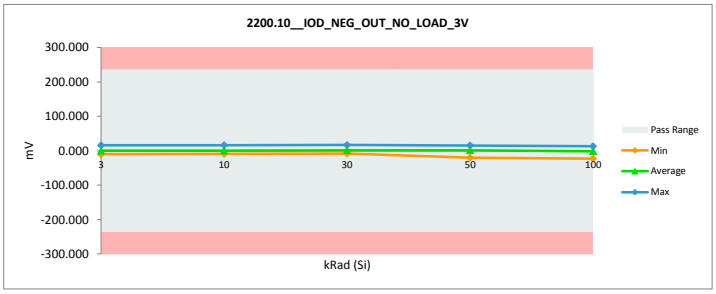
TID Report
LMH5401-SP LDR

	2200.10__IOD_NEG_OUT_NO_L	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-9.290	-8.980	-0.310
3	055B3	3.915	4.237	-0.322
3	056B3	-1.175	-1.288	0.113
3	060B3	-6.864	-6.481	-0.383
3	061B3	16.051	15.920	0.131
3	062U3	4.961	5.383	-0.422
3	064U3	-5.066	-4.615	-0.451
3	065U3	-10.382	-10.062	-0.320
3	066U3	-5.731	-5.319	-0.412
3	068U3	9.587	9.636	-0.048
10	054B10	-9.290	-7.563	-1.726
10	055B10	3.915	4.838	-0.922
10	056B10	-1.175	-0.565	-0.610
10	060B10	-6.864	-5.018	-1.846
10	061B10	16.051	16.344	-0.293
10	062U10	4.961	5.851	-0.890
10	064U10	-5.066	-3.725	-1.341
10	065U10	-10.382	-9.151	-1.231
10	066U10	-5.731	-4.841	-0.890
10	068U10	9.587	10.308	-0.721
30	054B30	-9.290	-6.718	-2.571
30	055B30	3.915	5.603	-1.688
30	056B30	-1.175	0.031	-1.206
30	060B30	-6.864	-4.034	-2.830
30	061B30	16.051	16.702	-0.651
30	062U30	4.961	6.546	-1.586
30	064U30	-5.066	-2.838	-2.228
30	065U30	-10.382	-8.439	-1.943
30	066U30	-5.731	-4.374	-1.357
30	068U30	9.587	11.269	-1.682
50	069B50	0.918	-0.393	1.311
50	070B50	3.288	2.217	1.071
50	071B50	2.197	2.665	-0.468
50	072B50	9.262	9.430	-0.167
50	073B50	1.816	2.122	-0.306
50	074B50	15.554	15.351	0.203
50	075B50	6.381	5.359	1.022
50	076B50	10.742	9.910	0.832
50	077B50	0.339	0.035	0.304
50	078B50	-1.045	-0.096	-0.949
50	079B50	2.955	3.021	-0.066
50	080B50	6.856	7.084	-0.228
50	083B50	-9.054	-9.538	0.484
50	084B50	-2.155	-0.886	-1.269
50	085B50	1.866	1.735	0.131
50	089B50	-9.432	-12.326	2.894
50	095B50	6.678	5.328	1.350
50	096B50	10.886	9.736	1.150
50	100B50	4.340	3.935	0.404
50	101B50	-18.123	-20.292	2.170
50	103B50	6.050	5.687	0.364
50	104B50	13.507	13.923	-0.417
50	062U50	4.961	4.429	0.532
50	064U50	-5.066	-5.726	0.660
50	065U50	-10.382	-11.231	0.849
50	066U50	-5.731	-6.916	1.185
50	068U50	9.587	8.844	0.743
100	069B100	0.918	-3.241	4.159
100	070B100	3.288	-0.521	3.809
100	071B100	2.197	0.627	1.570
100	072B100	9.262	6.583	2.679
100	073B100	1.816	-0.141	1.957
100	074B100	15.554	12.845	2.709
100	075B100	6.381	1.942	4.439
100	076B100	10.742	6.874	3.868
100	077B100	0.339	-2.694	3.033
100	078B100	-1.045	-2.895	1.850
100	079B100	2.955	0.777	2.178
100	080B100	6.856	4.211	2.645
100	083B100	-9.054	-13.226	4.172
100	084B100	-2.155	-3.088	0.933
100	085B100	1.866	-1.258	3.124
100	089B100	-9.432	-17.197	7.765
100	095B100	6.678	2.746	3.932
100	096B100	10.886	6.846	4.040
100	100B100	4.340	0.678	3.661
100	101B100	-18.123	-23.399	5.277
100	103B100	6.050	3.330	2.720
100	104B100	13.507	12.182	1.325
100	062U100	4.961	1.423	3.538
100	064U100	-5.066	-9.328	4.261
100	065U100	-10.382	-15.150	4.767
100	066U100	-5.731	-10.410	4.679
100	068U100	9.587	5.473	4.115
	Max	16.051	16.702	7.765
	Average	1.219	0.310	0.909
	Min	-18.123	-23.399	-2.830
	Std Dev	8.104	8.356	2.146



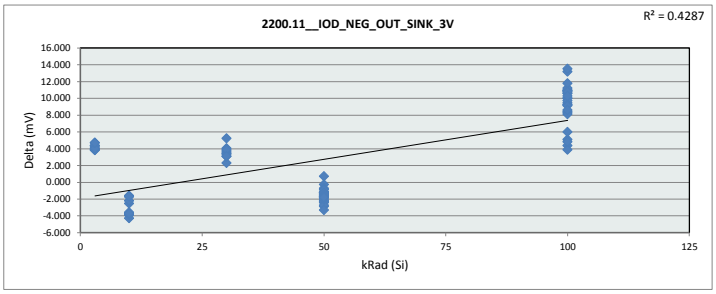
	2200.10__IOD_NEG_OUT_NO				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-10.062	-9.151	-8.439	-20.292	-23.399
Average	-0.157	0.648	1.375	1.608	-1.334
Max	15.920	16.344	16.702	15.351	12.845
UL	235.000	235.000	235.000	235.000	235.000



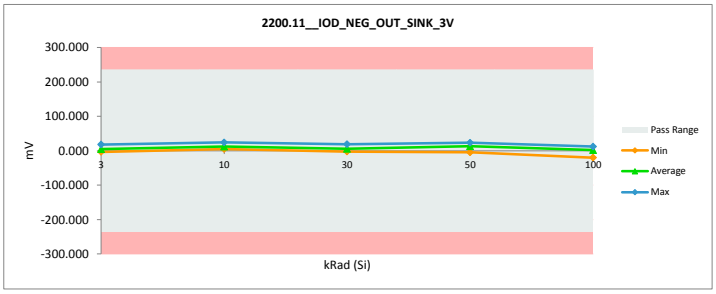
TID Report
LMH5401-SP LDR

	2200.11__IOD_NEG_OUT_SINK	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	2.401	-1.471	3.873
3	055B3	11.954	7.869	4.085
3	056B3	8.257	4.440	3.818
3	060B3	5.226	0.840	4.385
3	061B3	22.294	17.988	4.305
3	062U3	12.715	8.336	4.380
3	064U3	6.144	2.271	3.873
3	065U3	0.697	-3.314	4.011
3	066U3	3.917	-0.808	4.725
3	068U3	16.528	11.835	4.693
10	054B10	2.401	4.916	-2.515
10	055B10	11.954	13.551	-1.597
10	056B10	8.257	9.958	-1.701
10	060B10	5.226	7.431	-2.205
10	061B10	22.294	24.006	-1.712
10	062U10	12.715	16.285	-3.570
10	064U10	6.144	10.064	-3.919
10	065U10	0.697	4.971	-4.274
10	066U10	3.917	7.790	-3.873
10	068U10	16.528	20.226	-3.698
30	054B30	2.401	-1.324	3.725
30	055B30	11.954	7.903	4.051
30	056B30	8.257	4.686	3.571
30	060B30	5.226	-0.004	5.229
30	061B30	22.294	18.918	3.375
30	062U30	12.715	9.325	3.390
30	064U30	6.144	3.856	2.288
30	065U30	0.697	-2.402	3.099
30	066U30	3.917	0.033	3.884
30	068U30	16.528	13.434	3.094
50	069B50	9.864	11.542	-1.677
50	070B50	12.103	13.849	-1.746
50	071B50	11.473	13.910	-2.438
50	072B50	16.863	19.089	-2.226
50	073B50	11.601	13.858	-2.257
50	074B50	21.568	23.255	-1.688
50	075B50	15.465	16.616	-1.151
50	076B50	17.886	19.077	-1.191
50	077B50	10.720	12.108	-1.388
50	078B50	8.716	11.582	-2.866
50	079B50	11.902	13.415	-1.513
50	080B50	16.602	18.364	-1.762
50	083B50	2.895	4.222	-1.326
50	084B50	9.897	12.639	-2.742
50	085B50	11.978	13.189	-1.211
50	089B50	2.001	1.285	0.716
50	095B50	15.137	15.397	-0.260
50	096B50	16.937	17.647	-0.710
50	100B50	13.765	14.989	-1.224
50	101B50	-6.363	-4.825	-1.538
50	103B50	13.267	14.156	-0.889
50	104B50	20.548	21.801	-1.252
50	062U50	12.715	14.575	-1.859
50	064U50	6.144	8.144	-2.000
50	065U50	0.697	2.236	-1.539
50	066U50	3.917	7.224	-3.307
50	068U50	16.528	18.315	-1.787
100	069B100	9.864	-0.725	10.589
100	070B100	12.103	1.219	10.884
100	071B100	11.473	2.206	9.267
100	072B100	16.863	6.847	10.017
100	073B100	11.601	3.174	8.427
100	074B100	21.568	11.551	10.016
100	075B100	15.465	4.553	10.913
100	076B100	17.886	7.260	10.625
100	077B100	10.720	1.255	9.465
100	078B100	8.716	0.430	8.286
100	079B100	11.902	2.181	9.721
100	080B100	16.602	7.397	9.205
100	083B100	2.895	-8.109	11.004
100	084B100	9.897	1.791	8.106
100	085B100	11.978	0.760	11.218
100	089B100	2.001	-11.184	13.185
100	095B100	15.137	3.347	11.790
100	096B100	16.937	6.149	10.787
100	100B100	13.765	4.627	9.138
100	101B100	-6.363	-19.887	13.524
100	103B100	13.267	2.982	10.285
100	104B100	20.548	11.945	8.604
100	062U100	12.715	7.620	5.096
100	064U100	6.144	1.777	4.368
100	065U100	0.697	-5.303	6.000
100	066U100	3.917	0.038	3.879
100	068U100	16.528	11.695	4.833
	Max	22.294	24.006	13.524
	Average	10.477	7.439	3.038
	Min	-6.363	-19.887	-4.274
	Std Dev	6.489	8.094	5.126



	2200.11__IOD_NEG_OUT_SIN				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	-3.314	4.916	-2.402	-4.825	-19.887
Average	4.799	11.920	5.443	12.876	2.059
Max	17.988	24.006	18.918	23.255	11.945
UL	235.000	235.000	235.000	235.000	235.000



TID Report
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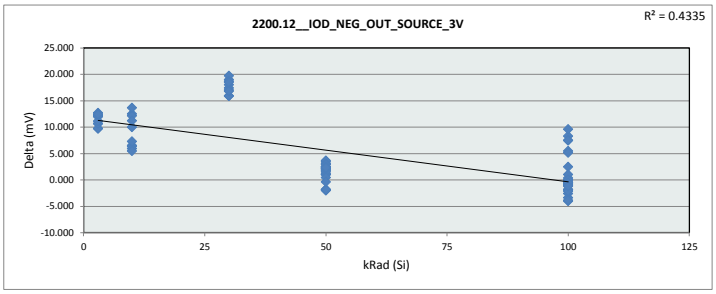
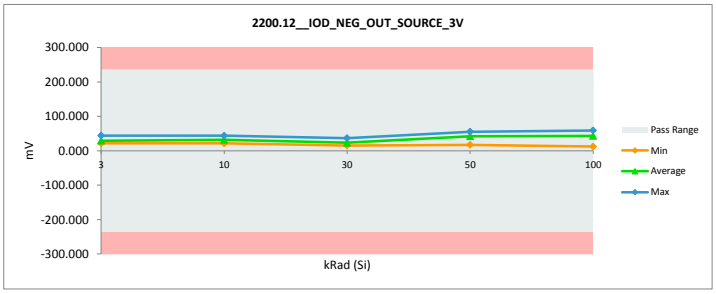
	2200.12__IOD_NEG_OUT_SOUR	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	235	235
Min Limit	-235	-235

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	31.310	21.558	9.752
3	055B3	45.073	32.829	12.245
3	056B3	39.589	28.937	10.652
3	060B3	37.067	24.909	12.158
3	061B3	56.334	44.373	11.961
3	062U3	46.211	33.535	12.676
3	064U3	36.090	26.380	9.711
3	065U3	32.202	21.539	10.663
3	066U3	33.762	22.617	11.145
3	068U3	50.927	38.481	12.446
10	054B10	31.310	21.314	9.996
10	055B10	45.073	32.580	12.493
10	056B10	39.589	27.451	12.138
10	060B10	37.067	25.862	11.205
10	061B10	56.334	42.674	13.660
10	062U10	46.211	39.682	6.529
10	064U10	36.090	29.741	6.350
10	065U10	32.202	26.278	5.924
10	066U10	33.762	28.294	5.469
10	068U10	50.927	43.636	7.291
30	054B30	31.310	15.416	15.894
30	055B30	45.073	26.073	19.001
30	056B30	39.589	21.579	18.010
30	060B30	37.067	19.658	17.409
30	061B30	56.334	36.608	19.727
30	062U30	46.211	27.515	18.696
30	064U30	36.090	20.197	15.893
30	065U30	32.202	15.183	17.019
30	066U30	33.762	16.961	16.802
30	068U30	50.927	32.404	18.523
50	069B50	42.577	39.100	3.477
50	070B50	44.487	42.036	2.452
50	071B50	43.494	42.458	1.036
50	072B50	51.097	48.869	2.229
50	073B50	42.938	41.951	0.988
50	074B50	57.196	55.438	1.758
50	075B50	47.985	45.945	2.039
50	076B50	52.554	50.359	2.195
50	077B50	43.534	41.676	1.858
50	078B50	41.423	40.366	1.057
50	079B50	46.590	44.140	2.450
50	080B50	48.420	47.160	1.260
50	083B50	32.746	31.161	1.585
50	084B50	40.640	40.188	0.452
50	085B50	44.559	42.473	2.086
50	089B50	32.415	29.284	3.131
50	095B50	49.089	45.425	3.664
50	096B50	52.385	49.389	2.996
50	100B50	47.532	44.990	2.543
50	101B50	20.321	17.404	2.918
50	103B50	47.584	45.111	2.473
50	104B50	53.071	50.785	2.285
50	062U50	46.211	48.030	-1.818
50	064U50	36.090	38.091	-2.000
50	065U50	32.202	34.105	-1.903
50	066U50	33.762	35.556	-1.794
50	068U50	50.927	51.298	-0.370
100	069B100	42.577	42.229	0.348
100	070B100	44.487	45.318	-0.831
100	071B100	43.494	47.499	-4.006
100	072B100	51.097	51.566	-0.469
100	073B100	42.938	45.535	-2.597
100	074B100	57.196	59.036	-1.841
100	075B100	47.985	48.692	-0.707
100	076B100	52.554	52.740	-0.186
100	077B100	43.534	46.904	-3.371
100	078B100	41.423	43.301	-1.878
100	079B100	46.590	48.392	-1.803
100	080B100	48.420	50.558	-2.138
100	083B100	32.746	33.305	-0.559
100	084B100	40.640	44.499	-3.859
100	085B100	44.559	45.514	-0.955
100	089B100	32.415	29.954	2.461
100	095B100	49.089	48.060	1.029
100	096B100	52.385	52.370	0.015
100	100B100	47.532	48.581	-1.049
100	101B100	20.321	12.021	8.300
100	103B100	47.584	48.120	-0.535
100	104B100	53.071	54.272	-1.201
100	062U100	46.211	40.739	5.472
100	064U100	36.090	28.588	7.502
100	065U100	32.202	24.722	7.480
100	066U100	33.762	24.157	9.605
100	068U100	50.927	45.792	5.135
	Max	57.196	59.036	19.727
	Average	42.731	37.494	5.236
	Min	20.321	12.021	-4.006
	Std Dev	8.201	11.359	6.580



	2200.12__IOD_NEG_OUT_SOU				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	235	mV			
Min Limit	-235	mV			
kRad (Si)	3	10	30	50	100
LL	-235.000	-235.000	-235.000	-235.000	-235.000
Min	21.539	21.314	15.183	17.404	12.021
Average	29.516	31.751	23.159	42.325	43.054
Max	44.373	43.636	36.608	55.438	59.037
UL	235.000	235.000	235.000	235.000	235.000



TID Report
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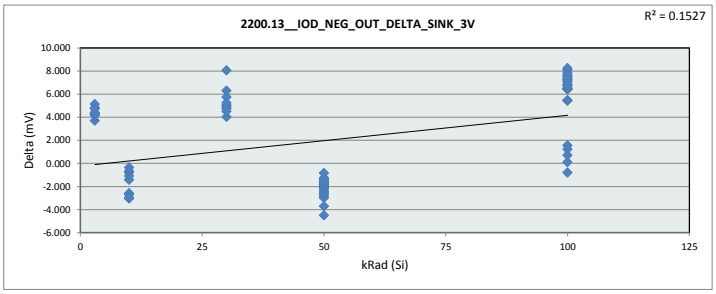
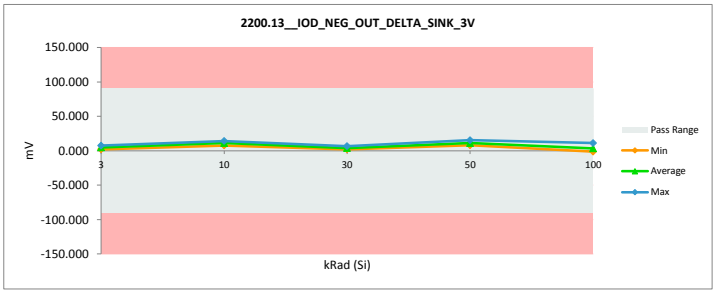
	2200.13__IOD_NEG_OUT_DELTA	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	11.691	7.508	4.182
3	055B3	8.039	3.632	4.406
3	056B3	9.432	5.728	3.704
3	060B3	12.090	7.321	4.768
3	061B3	6.243	2.069	4.174
3	062U3	7.754	2.953	4.802
3	064U3	11.211	6.886	4.325
3	065U3	11.080	6.748	4.331
3	066U3	9.648	4.511	5.136
3	068U3	6.941	2.200	4.741
10	054B10	11.691	12.479	-0.789
10	055B10	8.039	8.713	-0.674
10	056B10	9.432	10.523	-1.091
10	060B10	12.090	12.448	-0.359
10	061B10	6.243	7.661	-1.418
10	062U10	7.754	10.434	-2.680
10	064U10	11.211	13.789	-2.579
10	065U10	11.080	14.122	-3.042
10	066U10	9.648	12.631	-2.984
10	068U10	6.941	9.918	-2.977
30	054B30	11.691	5.395	6.296
30	055B30	8.039	2.299	5.739
30	056B30	9.432	4.655	4.777
30	060B30	12.090	4.030	8.059
30	061B30	6.243	2.216	4.027
30	062U30	7.754	2.779	4.976
30	064U30	11.211	6.694	4.516
30	065U30	11.080	6.038	5.042
30	066U30	9.648	4.407	5.241
30	068U30	6.941	2.165	4.776
50	069B50	8.946	11.934	-2.988
50	070B50	8.815	11.632	-2.817
50	071B50	9.276	11.246	-1.969
50	072B50	7.601	9.659	-2.058
50	073B50	9.785	11.736	-1.951
50	074B50	6.013	7.904	-1.891
50	075B50	9.084	11.258	-2.174
50	076B50	7.143	9.167	-2.023
50	077B50	10.381	12.073	-1.692
50	078B50	9.762	11.679	-1.917
50	079B50	8.947	10.394	-1.448
50	080B50	9.746	11.280	-1.534
50	083B50	11.950	13.760	-1.810
50	084B50	12.052	13.525	-1.473
50	085B50	10.112	11.454	-1.342
50	089B50	11.433	13.611	-2.178
50	095B50	8.459	10.069	-1.610
50	096B50	6.051	7.911	-1.860
50	100B50	9.426	11.054	-1.628
50	101B50	11.760	15.467	-3.707
50	103B50	7.217	8.469	-1.253
50	104B50	7.042	7.877	-0.835
50	062U50	7.754	10.146	-2.391
50	064U50	11.211	13.871	-2.660
50	065U50	11.080	13.467	-2.388
50	066U50	9.648	14.139	-4.492
50	068U50	6.941	9.471	-2.530
100	069B100	8.946	2.516	6.430
100	070B100	8.815	1.740	7.075
100	071B100	9.276	1.579	7.697
100	072B100	7.601	0.263	7.338
100	073B100	9.785	3.315	6.470
100	074B100	6.013	-1.294	7.307
100	075B100	9.084	2.611	6.473
100	076B100	7.143	0.386	6.757
100	077B100	10.381	3.948	6.433
100	078B100	9.762	3.326	6.436
100	079B100	8.947	1.404	7.542
100	080B100	9.746	3.186	6.560
100	083B100	11.950	5.117	6.832
100	084B100	12.052	4.879	7.173
100	085B100	10.112	2.018	8.094
100	089B100	11.433	6.013	5.420
100	095B100	8.459	0.601	7.858
100	096B100	6.051	-0.697	6.748
100	100B100	9.426	3.949	5.477
100	101B100	11.760	3.513	8.247
100	103B100	7.217	-0.348	7.565
100	104B100	7.042	-0.237	7.279
100	062U100	7.754	6.196	1.558
100	064U100	11.211	11.104	0.106
100	065U100	11.080	9.847	1.233
100	066U100	9.648	10.447	-0.800
100	068U100	6.941	6.222	0.719
	Max	12.090	15.467	8.247
	Average	9.258	7.129	2.129
	Min	6.013	-1.294	-4.492
	Std Dev	1.844	4.468	4.077



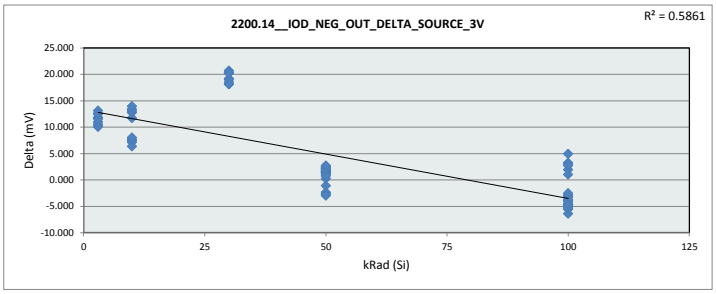
	2200.13__IOD_NEG_OUT_DEL				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	90	mV			
Min Limit	-90	mV			
kRad (Si)	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	2.069	7.662	2.165	7.877	-1.294
Average	4.956	11.272	4.068	11.269	3.393
Max	7.508	14.122	6.694	15.467	11.104
UL	90.000	90.000	90.000	90.000	90.000



TID Report
LMH5401-SP LDR

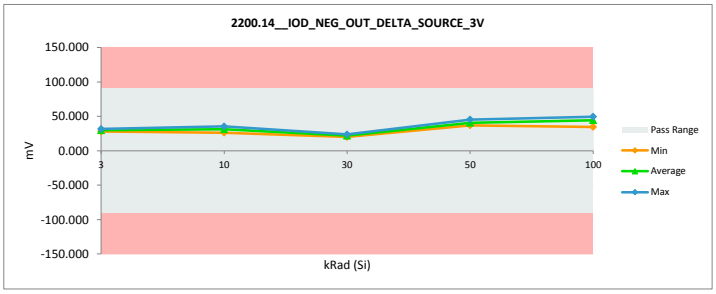
	2200.14__IOD_NEG_OUT_DELTA	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mV	mV
Max Limit	90	90
Min Limit	-90	-90

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	40.600	30.538	10.062
3	055B3	41.158	28.592	12.567
3	056B3	40.764	30.226	10.538
3	060B3	43.931	31.390	12.541
3	061B3	40.284	28.454	11.830
3	062U3	41.251	28.152	13.099
3	064U3	41.157	30.995	10.162
3	065U3	42.585	31.601	10.984
3	066U3	39.493	27.936	11.557
3	068U3	41.340	28.846	12.494
10	054B10	40.600	28.877	11.722
10	055B10	41.158	27.743	13.416
10	056B10	40.764	28.015	12.749
10	060B10	43.931	30.880	13.052
10	061B10	40.284	26.330	13.954
10	062U10	41.251	33.832	7.419
10	064U10	41.157	33.466	7.691
10	065U10	42.585	35.429	7.155
10	066U10	39.493	33.135	6.358
10	068U10	41.340	33.328	8.012
30	054B30	40.600	22.134	18.466
30	055B30	41.158	20.469	20.689
30	056B30	40.764	21.548	19.216
30	060B30	43.931	23.692	20.240
30	061B30	40.284	19.906	20.378
30	062U30	41.251	20.969	20.282
30	064U30	41.157	23.035	18.122
30	065U30	42.585	23.623	18.962
30	066U30	39.493	21.335	18.158
30	068U30	41.340	21.135	20.205
50	069B50	41.659	39.493	2.166
50	070B50	41.200	39.819	1.381
50	071B50	41.297	39.793	1.504
50	072B50	41.835	39.439	2.396
50	073B50	41.123	39.829	1.294
50	074B50	41.642	40.087	1.555
50	075B50	41.604	40.587	1.017
50	076B50	41.812	40.449	1.363
50	077B50	43.195	41.641	1.553
50	078B50	42.468	40.462	2.006
50	079B50	43.634	41.119	2.515
50	080B50	41.564	40.077	1.488
50	083B50	41.800	40.699	1.102
50	084B50	42.795	41.074	1.721
50	085B50	42.694	40.738	1.956
50	089B50	41.847	41.609	0.238
50	095B50	42.411	40.097	2.314
50	096B50	41.499	39.653	1.846
50	100B50	43.193	41.055	2.138
50	101B50	38.444	37.696	0.748
50	103B50	41.534	39.425	2.109
50	104B50	39.564	36.862	2.702
50	062U50	41.251	43.601	-2.351
50	064U50	41.157	43.817	-2.661
50	065U50	42.585	45.337	-2.752
50	066U50	39.493	42.472	-2.979
50	068U50	41.340	42.453	-1.113
100	069B100	41.659	45.470	-3.811
100	070B100	41.200	45.840	-4.640
100	071B100	41.297	46.873	-5.575
100	072B100	41.835	44.983	-3.148
100	073B100	41.123	45.676	-4.554
100	074B100	41.642	46.191	-4.550
100	075B100	41.604	46.750	-5.146
100	076B100	41.812	45.866	-4.054
100	077B100	43.195	49.598	-6.403
100	078B100	42.468	46.196	-3.728
100	079B100	43.634	47.616	-3.981
100	080B100	41.564	46.347	-4.782
100	083B100	41.800	46.531	-4.731
100	084B100	42.795	47.586	-4.791
100	085B100	42.694	46.772	-4.078
100	089B100	41.847	47.151	-5.304
100	095B100	42.411	45.314	-2.903
100	096B100	41.499	45.524	-4.024
100	100B100	43.193	47.903	-4.710
100	101B100	38.444	35.420	3.024
100	103B100	41.534	44.789	-3.255
100	104B100	39.564	42.090	-2.526
100	062U100	41.251	39.316	1.934
100	064U100	41.157	37.916	3.241
100	065U100	42.585	39.872	2.713
100	066U100	39.493	34.567	4.926
100	068U100	41.340	40.319	1.021
	Max	43.931	49.598	20.689
	Average	41.511	37.184	4.327
	Min	38.444	19.906	-6.403
	Std Dev	1.160	8.247	7.961



	2200.14__IOD_NEG_OUT_DEL	
Test Site	Dallas	
Tester	ETS364	
Test Number	EF868301	
Max Limit	90	mV
Min Limit	-90	mV

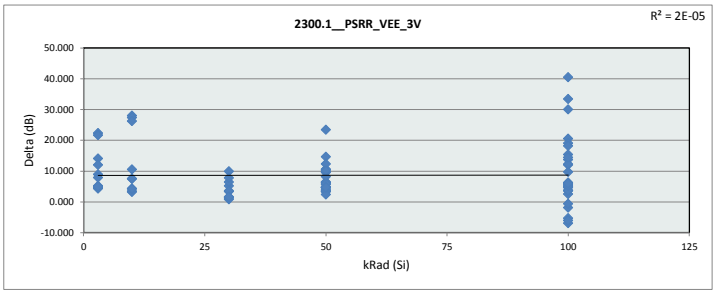
kRad (Si)	3	10	30	50	100
LL	-90.000	-90.000	-90.000	-90.000	-90.000
Min	27.936	26.330	19.906	36.862	34.567
Average	29.673	31.103	21.785	40.718	44.388
Max	31.601	35.429	23.692	45.337	49.598
UL	90.000	90.000	90.000	90.000	90.000



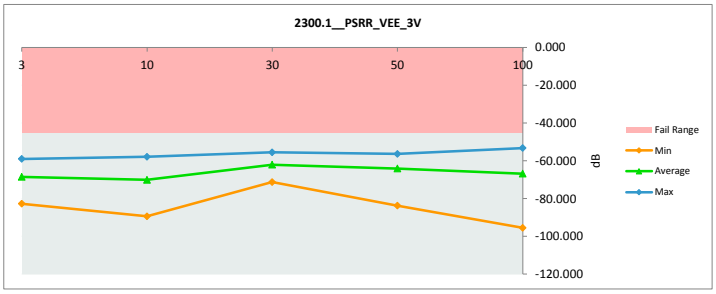
TID Report
LMH5401-SP LDR

	2300.1__PSRR_VEE_3V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	-45	-45
Min Limit		

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-61.389	-70.335	8.946
3	055B3	-55.727	-60.926	5.199
3	056B3	-58.297	-72.399	14.102
3	060B3	-60.405	-82.741	22.336
3	061B3	-54.659	-58.999	4.340
3	062U3	-56.029	-60.699	4.670
3	064U3	-61.048	-73.042	11.995
3	065U3	-59.241	-80.914	21.672
3	066U3	-56.363	-64.260	7.897
3	068U3	-55.621	-60.595	4.974
10	054B10	-61.389	-89.381	27.992
10	055B10	-55.727	-59.197	3.470
10	056B10	-58.297	-65.777	7.481
10	060B10	-60.405	-70.979	10.574
10	061B10	-54.659	-57.873	3.214
10	062U10	-56.029	-60.376	4.347
10	064U10	-61.048	-88.426	27.379
10	065U10	-59.241	-85.484	26.243
10	066U10	-56.363	-63.890	7.527
10	068U10	-55.621	-59.835	4.214
30	054B30	-61.389	-71.302	9.913
30	055B30	-55.727	-57.280	1.553
30	056B30	-58.297	-61.693	3.396
30	060B30	-60.405	-65.589	5.184
30	061B30	-54.659	-55.508	0.849
30	062U30	-56.029	-57.278	1.249
30	064U30	-61.048	-67.470	6.423
30	065U30	-59.241	-67.017	7.775
30	066U30	-56.363	-59.938	3.575
30	068U30	-55.621	-57.212	1.591
50	069B50	-56.130	-60.695	4.565
50	070B50	-55.356	-60.997	5.641
50	071B50	-56.168	-61.081	4.912
50	072B50	-55.619	-59.149	3.530
50	073B50	-58.500	-68.042	9.542
50	074B50	-54.114	-57.601	3.487
50	075B50	-57.476	-63.802	6.327
50	076B50	-55.001	-59.732	4.730
50	077B50	-59.009	-65.235	6.226
50	078B50	-56.736	-63.234	6.499
50	079B50	-57.177	-63.029	5.851
50	080B50	-57.678	-67.447	9.769
50	083B50	-59.049	-69.638	10.590
50	084B50	-58.070	-66.291	8.221
50	085B50	-56.600	-60.589	3.989
50	089B50	-60.246	-83.698	23.452
50	095B50	-56.305	-60.977	4.673
50	096B50	-54.902	-58.162	3.259
50	100B50	-58.324	-62.937	4.613
50	101B50	-56.572	-67.143	10.571
50	103B50	-55.848	-59.376	3.529
50	104B50	-53.971	-56.384	2.413
50	062U50	-56.029	-60.683	4.654
50	064U50	-61.048	-75.704	14.656
50	065U50	-59.241	-71.577	12.336
50	066U50	-56.363	-66.435	10.072
50	068U50	-55.621	-60.359	4.738
100	069B100	-56.130	-71.538	15.408
100	070B100	-55.356	-67.370	12.014
100	071B100	-56.168	-76.701	20.532
100	072B100	-55.619	-74.710	19.091
100	073B100	-58.500	-62.251	3.751
100	074B100	-54.114	-72.296	18.182
100	075B100	-57.476	-62.516	5.040
100	076B100	-55.001	-95.491	40.489
100	077B100	-59.009	-61.555	2.545
100	078B100	-56.736	-61.343	4.607
100	079B100	-57.177	-70.901	13.724
100	080B100	-57.678	-61.326	3.648
100	083B100	-59.049	-57.177	-1.871
100	084B100	-58.070	-61.700	3.629
100	085B100	-56.600	-66.316	9.716
100	089B100	-60.246	-54.937	-5.309
100	095B100	-56.305	-68.582	12.278
100	096B100	-54.902	-84.964	30.062
100	100B100	-58.324	-64.628	6.305
100	101B100	-56.572	-62.277	5.705
100	103B100	-55.848	-89.243	33.395
100	104B100	-53.971	-68.423	14.452
100	062U100	-56.029	-61.252	5.222
100	064U100	-61.048	-54.134	-6.913
100	065U100	-59.241	-53.193	-6.048
100	066U100	-56.363	-55.717	-0.646
100	068U100	-55.621	-61.659	6.037
	Max	-53.971	-53.193	40.489
	Average	-57.270	-65.936	8.666
	Min	-61.389	-95.491	-6.913
	Std Dev	2.064	8.982	8.540

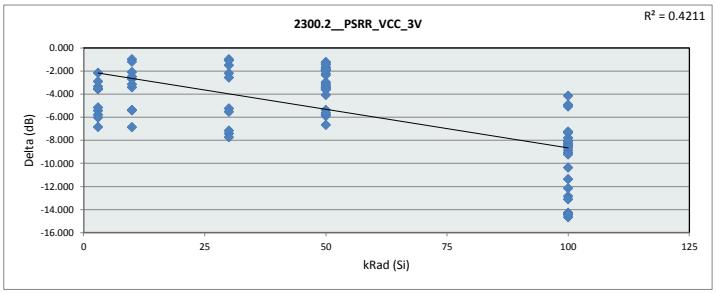


	2300.1__PSRR_VEE_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	-45	dB			
Min Limit		dB			
kRad (Si)	3	10	30	50	100
LL					
Min	-82.741	-89.381	-71.302	-83.698	-95.491
Average	-68.491	-70.122	-62.029	-64.074	-66.748
Max	-58.999	-57.873	-55.508	-56.384	-53.193
UL	-45.000	-45.000	-45.000	-45.000	-45.000

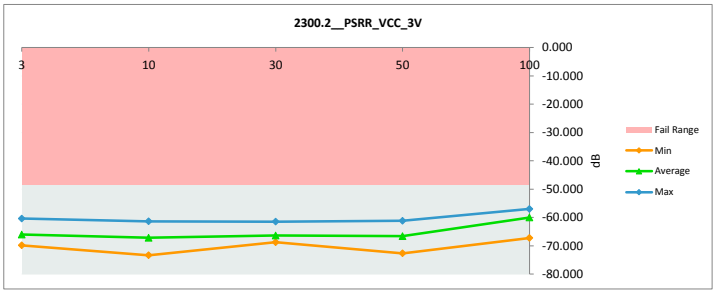


TID Report
LMH5401-SP LDR

	2300.2__PSRR_VCC_3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	dB	dB	
Max Limit	-48.5	-48.5	
Min Limit			
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-73.994	-68.554	-5.440
3	055B3	-67.446	-64.111	-3.335
3	056B3	-68.638	-65.104	-3.534
3	060B3	-75.398	-68.553	-6.845
3	061B3	-62.542	-60.380	-2.161
3	062U3	-68.392	-64.813	-3.579
3	064U3	-73.444	-67.650	-5.793
3	065U3	-75.827	-69.796	-6.032
3	066U3	-71.371	-66.220	-5.150
3	068U3	-68.167	-65.271	-2.897
10	054B10	-73.994	-70.580	-3.414
10	055B10	-67.446	-66.464	-0.981
10	056B10	-68.638	-66.540	-2.098
10	060B10	-75.398	-70.023	-5.374
10	061B10	-62.542	-61.354	-1.188
10	062U10	-68.392	-65.708	-2.684
10	064U10	-73.444	-66.575	-6.868
10	065U10	-75.827	-73.349	-2.478
10	066U10	-71.371	-65.957	-5.413
10	068U10	-68.167	-65.026	-3.141
30	054B30	-73.994	-68.753	-5.241
30	055B30	-67.446	-65.947	-1.499
30	056B30	-68.638	-67.647	-0.991
30	060B30	-75.398	-67.986	-7.412
30	061B30	-62.542	-61.463	-1.079
30	062U30	-68.392	-66.197	-2.195
30	064U30	-73.444	-66.276	-7.168
30	065U30	-75.827	-68.100	-7.728
30	066U30	-71.371	-65.844	-5.527
30	068U30	-68.167	-65.597	-2.571
50	069B50	-67.494	-65.818	-1.676
50	070B50	-68.527	-65.558	-2.969
50	071B50	-66.537	-65.091	-1.445
50	072B50	-67.726	-64.512	-3.213
50	073B50	-68.437	-66.476	-1.961
50	074B50	-64.160	-62.216	-1.944
50	075B50	-67.294	-65.571	-1.723
50	076B50	-69.248	-65.692	-3.556
50	077B50	-68.341	-67.108	-1.233
50	078B50	-71.713	-65.815	-5.898
50	079B50	-77.909	-72.145	-5.763
50	080B50	-64.361	-62.448	-1.913
50	083B50	-72.692	-70.340	-2.352
50	084B50	-66.916	-64.692	-2.224
50	085B50	-72.572	-68.494	-4.077
50	089B50	-73.916	-72.661	-1.254
50	095B50	-69.713	-67.889	-1.824
50	096B50	-70.864	-67.493	-3.371
50	100B50	-70.535	-67.053	-3.482
50	101B50	-72.150	-70.211	-1.939
50	103B50	-70.831	-67.704	-3.127
50	104B50	-62.605	-61.193	-1.412
50	062U50	-68.392	-64.998	-3.394
50	064U50	-73.444	-68.060	-5.383
50	065U50	-75.827	-69.159	-6.668
50	066U50	-71.371	-65.748	-5.622
50	068U50	-68.167	-64.553	-3.615
100	069B100	-67.494	-59.205	-8.289
100	070B100	-68.527	-59.659	-8.868
100	071B100	-66.537	-57.888	-8.649
100	072B100	-67.726	-60.405	-7.321
100	073B100	-68.437	-58.066	-10.372
100	074B100	-64.160	-59.089	-5.071
100	075B100	-67.294	-58.231	-9.063
100	076B100	-69.248	-60.846	-8.403
100	077B100	-68.341	-60.550	-7.792
100	078B100	-71.713	-58.865	-12.848
100	079B100	-77.909	-63.248	-14.660
100	080B100	-64.361	-57.027	-7.334
100	083B100	-72.692	-58.354	-14.338
100	084B100	-66.916	-57.688	-9.228
100	085B100	-72.572	-60.416	-12.155
100	089B100	-73.916	-60.799	-13.116
100	095B100	-69.713	-61.592	-8.121
100	096B100	-70.864	-62.842	-8.022
100	100B100	-70.535	-59.174	-11.361
100	101B100	-72.150	-57.743	-14.407
100	103B100	-70.831	-62.345	-8.487
100	104B100	-62.605	-57.684	-4.921
100	062U100	-68.392	-61.141	-7.251
100	064U100	-73.444	-59.166	-14.278
100	065U100	-75.827	-61.378	-14.449
100	066U100	-71.371	-67.232	-4.139
100	068U100	-68.167	-59.570	-8.597
	Max	-62.542	-57.027	-0.981
	Average	-69.990	-64.461	-5.529
	Min	-77.909	-73.349	-14.660
	Std Dev	3.698	4.002	3.721

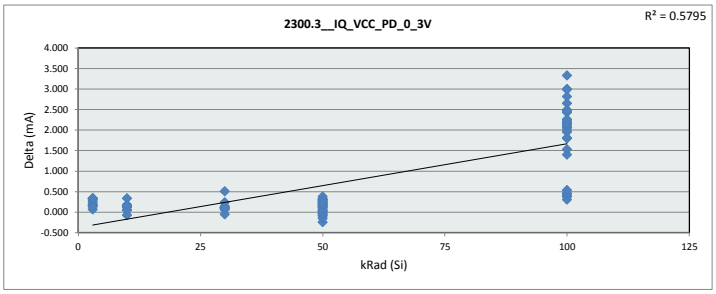


	2300.2__PSRR_VCC_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	-48.5	dB			
Min Limit		dB			
kRad (Si)	3	10	30	50	100
LL					
Min	-69.796	-73.349	-68.753	-72.661	-67.232
Average	-66.045	-67.158	-66.381	-66.618	-60.008
Max	-60.380	-61.354	-61.463	-61.193	-57.027
UL	-48.500	-48.500	-48.500	-48.500	-48.500

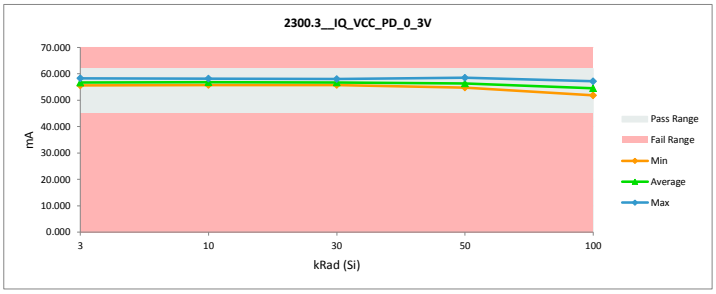


TID Report
LMH5401-SP LDR

	2300.3__IQ_VCC_PD_0_3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	mA	mA	
Max Limit	62	62	
Min Limit	45	45	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	55.987	55.649	0.338
3	055B3	57.444	57.376	0.069
3	056B3	58.485	58.286	0.199
3	060B3	58.014	57.878	0.136
3	061B3	56.095	55.846	0.249
3	062U3	56.724	56.549	0.175
3	064U3	56.370	56.072	0.298
3	065U3	56.206	55.876	0.330
3	066U3	57.581	57.440	0.141
3	068U3	55.884	55.557	0.328
10	054B10	55.987	55.817	0.170
10	055B10	57.444	57.392	0.053
10	056B10	58.485	58.150	0.335
10	060B10	58.014	57.871	0.143
10	061B10	56.095	56.047	0.047
10	062U10	56.724	56.796	-0.072
10	064U10	56.370	56.250	0.120
10	065U10	56.206	56.027	0.180
10	066U10	57.581	57.520	0.060
10	068U10	55.884	55.732	0.153
30	054B30	55.987	55.842	0.146
30	055B30	57.444	57.344	0.100
30	056B30	58.485	57.978	0.507
30	060B30	58.014	57.777	0.237
30	061B30	56.095	56.032	0.062
30	062U30	56.724	56.777	-0.053
30	064U30	56.370	56.282	0.088
30	065U30	56.206	56.094	0.112
30	066U30	57.581	57.468	0.113
30	068U30	55.884	55.779	0.105
50	069B50	56.828	56.696	0.132
50	070B50	56.329	56.370	-0.041
50	071B50	57.111	56.840	0.271
50	072B50	56.816	57.063	-0.247
50	073B50	56.467	56.258	0.209
50	074B50	56.194	55.886	0.308
50	075B50	58.403	58.483	-0.080
50	076B50	55.135	54.805	0.330
50	077B50	56.336	56.489	-0.152
50	078B50	57.664	57.648	0.016
50	079B50	56.642	56.515	0.127
50	080B50	56.169	55.979	0.190
50	083B50	55.638	55.407	0.231
50	084B50	55.498	55.188	0.310
50	085B50	57.022	57.116	-0.093
50	089B50	56.652	56.514	0.137
50	095B50	57.619	57.519	0.100
50	096B50	57.057	57.034	0.023
50	100B50	55.502	55.536	-0.034
50	101B50	56.175	55.913	0.262
50	103B50	55.637	55.257	0.379
50	104B50	55.377	55.104	0.273
50	062U50	56.724	56.687	0.036
50	064U50	56.370	56.298	0.073
50	065U50	56.206	56.030	0.176
50	066U50	57.581	57.412	0.169
50	068U50	55.884	55.668	0.216
100	069B100	56.828	55.032	1.796
100	070B100	56.329	54.112	2.218
100	071B100	57.111	54.460	2.651
100	072B100	56.816	54.387	2.429
100	073B100	56.467	54.384	2.083
100	074B100	56.194	53.379	2.815
100	075B100	58.403	55.403	2.999
100	076B100	55.135	51.805	3.330
100	077B100	56.336	54.382	1.955
100	078B100	57.664	55.174	2.490
100	079B100	56.642	54.491	2.151
100	080B100	56.169	54.359	1.809
100	083B100	55.638	54.236	1.402
100	084B100	55.498	53.036	2.462
100	085B100	57.022	54.853	2.169
100	089B100	56.652	54.589	2.062
100	095B100	57.619	54.631	2.988
100	096B100	57.057	55.041	2.016
100	100B100	55.502	53.974	1.528
100	101B100	56.175	54.045	2.130
100	103B100	55.637	53.374	2.263
100	104B100	55.377	53.216	2.161
100	062U100	56.724	56.348	0.376
100	064U100	56.370	56.065	0.305
100	065U100	56.206	55.790	0.416
100	066U100	57.581	57.119	0.461
100	068U100	55.884	55.351	0.533
	Max	58.485	58.483	3.330
	Average	56.624	55.908	0.717
	Min	55.135	51.805	-0.247
	Std Dev	0.841	1.339	0.970



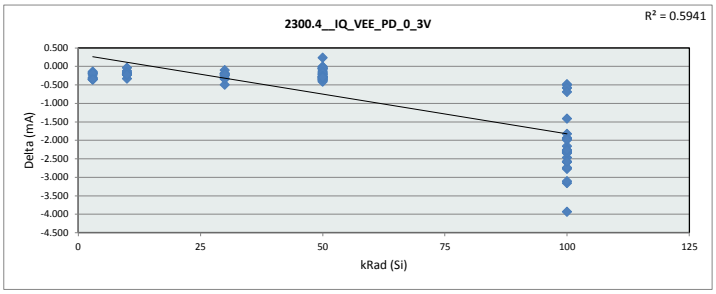
	2300.3__IQ_VCC_PD_0_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	62	mA			
Min Limit	45	mA			
kRad (Si)	3	10	30	50	100
LL	45.000	45.000	45.000	45.000	45.000
Min	55.557	55.732	55.779	54.805	51.805
Average	56.653	56.760	56.737	56.360	54.557
Max	58.286	58.150	57.978	58.483	57.119
UL	62.000	62.000	62.000	62.000	62.000



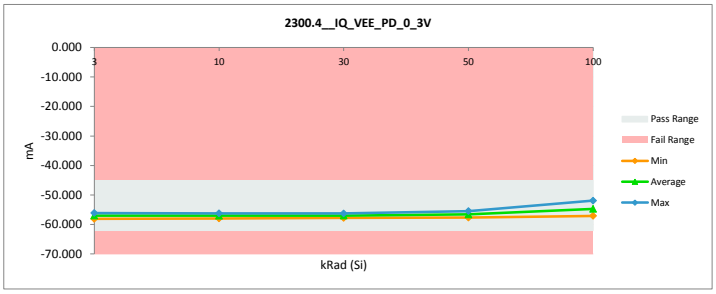
TID Report
LMH5401-SP LDR

	2300.4__IQ_VEE_PD_0_3V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	-45	-45
Min Limit	-62	-62

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-56.695	-56.337	-0.358
3	055B3	-57.376	-57.235	-0.141
3	056B3	-58.295	-58.108	-0.187
3	060B3	-58.034	-57.859	-0.175
3	061B3	-56.666	-56.369	-0.297
3	062U3	-56.985	-56.757	-0.227
3	064U3	-56.958	-56.633	-0.325
3	065U3	-56.836	-56.493	-0.343
3	066U3	-57.664	-57.479	-0.185
3	068U3	-56.446	-56.092	-0.353
10	054B10	-56.695	-56.475	-0.220
10	055B10	-57.376	-57.178	-0.198
10	056B10	-58.295	-57.964	-0.331
10	060B10	-58.034	-57.809	-0.225
10	061B10	-56.666	-56.542	-0.124
10	062U10	-56.985	-56.946	-0.039
10	064U10	-56.958	-56.771	-0.187
10	065U10	-56.836	-56.608	-0.228
10	066U10	-57.664	-57.504	-0.160
10	068U10	-56.446	-56.222	-0.223
30	054B30	-56.695	-56.446	-0.250
30	055B30	-57.376	-57.052	-0.324
30	056B30	-58.295	-57.799	-0.495
30	060B30	-58.034	-57.691	-0.343
30	061B30	-56.666	-56.483	-0.183
30	062U30	-56.985	-56.883	-0.101
30	064U30	-56.958	-56.764	-0.194
30	065U30	-56.836	-56.629	-0.207
30	066U30	-57.664	-57.418	-0.246
30	068U30	-56.446	-56.233	-0.213
50	069B50	-57.001	-56.811	-0.191
50	070B50	-56.671	-56.577	-0.094
50	071B50	-57.365	-57.077	-0.289
50	072B50	-55.956	-56.191	0.234
50	073B50	-57.060	-56.777	-0.283
50	074B50	-56.713	-56.347	-0.366
50	075B50	-57.666	-57.660	-0.006
50	076B50	-55.845	-55.456	-0.389
50	077B50	-56.767	-56.751	-0.016
50	078B50	-57.566	-57.511	-0.055
50	079B50	-56.937	-56.723	-0.213
50	080B50	-56.808	-56.524	-0.283
50	083B50	-56.348	-56.037	-0.310
50	084B50	-56.209	-55.841	-0.368
50	085B50	-57.116	-57.074	-0.042
50	089B50	-57.229	-57.013	-0.215
50	095B50	-57.071	-56.718	-0.353
50	096B50	-57.033	-56.979	-0.054
50	100B50	-56.033	-55.973	-0.059
50	101B50	-56.809	-56.476	-0.333
50	103B50	-56.214	-55.798	-0.416
50	104B50	-55.972	-55.643	-0.329
50	062U50	-56.985	-56.841	-0.143
50	064U50	-56.958	-56.789	-0.169
50	065U50	-56.836	-56.573	-0.263
50	066U50	-57.664	-57.403	-0.261
50	068U50	-56.446	-56.149	-0.297
100	069B100	-57.001	-55.173	-1.828
100	070B100	-56.671	-54.335	-2.337
100	071B100	-57.365	-54.593	-2.772
100	072B100	-55.956	-54.542	-1.414
100	073B100	-57.060	-54.593	-2.466
100	074B100	-56.713	-53.551	-3.161
100	075B100	-57.666	-55.507	-2.159
100	076B100	-55.845	-51.908	-3.937
100	077B100	-56.767	-54.478	-2.289
100	078B100	-57.566	-55.234	-2.332
100	079B100	-56.937	-54.633	-2.304
100	080B100	-56.808	-54.461	-2.347
100	083B100	-56.348	-54.389	-1.959
100	084B100	-56.209	-53.099	-3.110
100	085B100	-57.116	-54.854	-2.262
100	089B100	-57.229	-54.639	-2.590
100	095B100	-57.071	-54.803	-2.268
100	096B100	-57.033	-55.099	-1.934
100	100B100	-56.033	-54.044	-1.989
100	101B100	-56.809	-54.232	-2.577
100	103B100	-56.214	-53.474	-2.740
100	104B100	-55.972	-53.391	-2.581
100	062U100	-56.985	-56.483	-0.501
100	064U100	-56.958	-56.475	-0.483
100	065U100	-56.836	-56.252	-0.584
100	066U100	-57.664	-57.085	-0.579
100	068U100	-56.446	-55.755	-0.690
	Max	-55.845	-51.908	0.234
	Average	-56.934	-56.114	-0.820
	Min	-58.295	-58.108	-3.937
	Std Dev	0.576	1.261	1.007

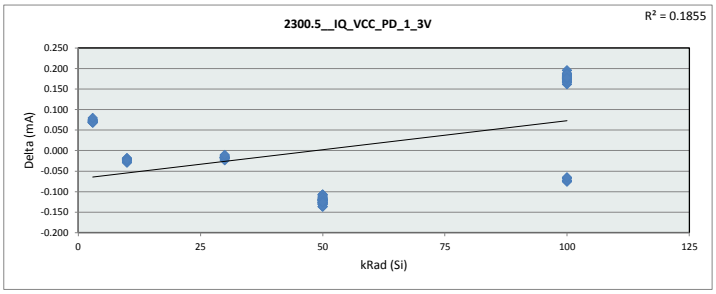


	2300.4__IQ_VEE_PD_0_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	-45	mA			
Min Limit	-62	mA			
kRad (Si)	3	10	30	50	100
LL	-62.000	-62.000	-62.000	-62.000	-62.000
Min	-58.108	-57.964	-57.800	-57.660	-57.085
Average	-56.936	-57.002	-56.940	-56.582	-54.707
Max	-56.092	-56.222	-56.233	-55.456	-51.908
UL	-45.000	-45.000	-45.000	-45.000	-45.000

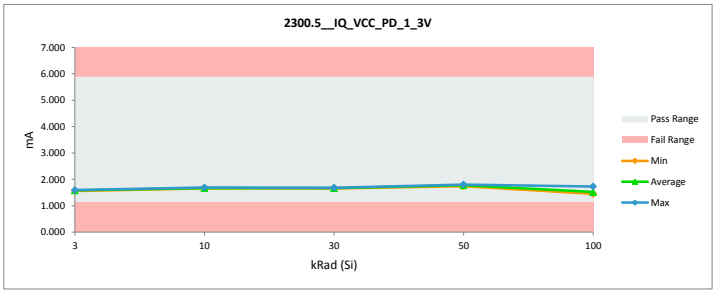


TID Report
LMH5401-SP LDR

	2300.5__IQ_VCC_PD_1_3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	mA	mA	
Max Limit	5.875	5.875	
Min Limit	1.125	1.125	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	1.668	1.593	0.075
3	055B3	1.636	1.563	0.073
3	056B3	1.655	1.584	0.072
3	060B3	1.653	1.585	0.069
3	061B3	1.659	1.590	0.068
3	062U3	1.642	1.571	0.071
3	064U3	1.660	1.585	0.075
3	065U3	1.656	1.587	0.070
3	066U3	1.655	1.587	0.068
3	068U3	1.646	1.566	0.079
10	054B10	1.668	1.693	-0.025
10	055B10	1.636	1.656	-0.020
10	056B10	1.655	1.677	-0.022
10	060B10	1.653	1.676	-0.023
10	061B10	1.659	1.679	-0.020
10	062U10	1.642	1.660	-0.018
10	064U10	1.660	1.679	-0.020
10	065U10	1.656	1.684	-0.028
10	066U10	1.655	1.684	-0.030
10	068U10	1.646	1.669	-0.023
30	054B30	1.668	1.688	-0.020
30	055B30	1.636	1.654	-0.018
30	056B30	1.655	1.669	-0.013
30	060B30	1.653	1.670	-0.017
30	061B30	1.659	1.675	-0.016
30	062U30	1.642	1.659	-0.018
30	064U30	1.660	1.677	-0.017
30	065U30	1.656	1.680	-0.024
30	066U30	1.655	1.671	-0.017
30	068U30	1.646	1.656	-0.011
50	069B50	1.632	1.740	-0.107
50	070B50	1.636	1.744	-0.108
50	071B50	1.658	1.770	-0.112
50	072B50	1.635	1.753	-0.118
50	073B50	1.673	1.794	-0.121
50	074B50	1.659	1.776	-0.118
50	075B50	1.671	1.791	-0.120
50	076B50	1.652	1.760	-0.107
50	077B50	1.660	1.779	-0.119
50	078B50	1.648	1.768	-0.119
50	079B50	1.655	1.771	-0.115
50	080B50	1.680	1.799	-0.120
50	083B50	1.667	1.789	-0.122
50	084B50	1.665	1.788	-0.123
50	085B50	1.645	1.771	-0.126
50	089B50	1.671	1.807	-0.136
50	095B50	1.650	1.765	-0.115
50	096B50	1.653	1.780	-0.126
50	100B50	1.647	1.769	-0.122
50	101B50	1.654	1.781	-0.127
50	103B50	1.641	1.763	-0.122
50	104B50	1.637	1.767	-0.130
50	062U50	1.642	1.773	-0.131
50	064U50	1.660	1.791	-0.131
50	065U50	1.656	1.785	-0.129
50	066U50	1.655	1.791	-0.137
50	068U50	1.646	1.772	-0.126
100	069B100	1.632	1.471	0.161
100	070B100	1.636	1.470	0.166
100	071B100	1.658	1.483	0.175
100	072B100	1.635	1.466	0.169
100	073B100	1.673	1.504	0.168
100	074B100	1.659	1.482	0.177
100	075B100	1.671	1.483	0.188
100	076B100	1.652	1.471	0.181
100	077B100	1.660	1.481	0.178
100	078B100	1.648	1.473	0.176
100	079B100	1.655	1.471	0.184
100	080B100	1.680	1.484	0.196
100	083B100	1.667	1.494	0.172
100	084B100	1.665	1.482	0.183
100	085B100	1.645	1.468	0.177
100	089B100	1.671	1.504	0.167
100	095B100	1.650	1.469	0.182
100	096B100	1.653	1.480	0.173
100	100B100	1.647	1.471	0.176
100	101B100	1.654	1.473	0.181
100	103B100	1.641	1.453	0.188
100	104B100	1.637	1.460	0.177
100	062U100	1.642	1.714	-0.073
100	064U100	1.660	1.735	-0.076
100	065U100	1.656	1.724	-0.067
100	066U100	1.655	1.728	-0.073
100	068U100	1.646	1.711	-0.065
	Max	1.680	1.807	0.196
	Average	1.653	1.647	0.007
	Min	1.632	1.453	-0.137
	Std Dev	0.011	0.119	0.119

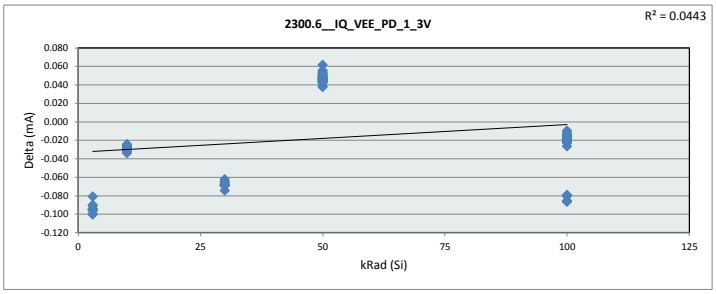


	2300.5__IQ_VCC_PD_1_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	5.875	mA			
Min Limit	1.125	mA			
kRad (Si)	3	10	30	50	100
LL	1.125	1.125	1.125	1.125	1.125
Min	1.563	1.656	1.654	1.740	1.453
Average	1.581	1.676	1.670	1.775	1.522
Max	1.593	1.693	1.688	1.807	1.735
UL	5.875	5.875	5.875	5.875	5.875

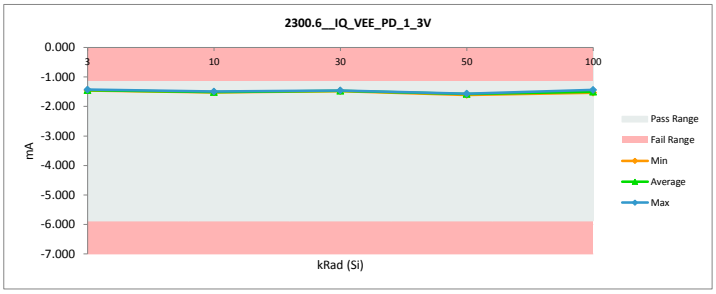


TID Report
LMH5401-SP LDR

	2300.6__IQ_VEE_PD_1_3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	mA	mA	
Max Limit	-1.125	-1.125	
Min Limit	-5.875	-5.875	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-1.547	-1.454	-0.094
3	055B3	-1.524	-1.429	-0.095
3	056B3	-1.541	-1.445	-0.096
3	060B3	-1.538	-1.438	-0.100
3	061B3	-1.542	-1.446	-0.096
3	062U3	-1.527	-1.427	-0.100
3	064U3	-1.538	-1.443	-0.095
3	065U3	-1.541	-1.451	-0.090
3	066U3	-1.536	-1.455	-0.081
3	068U3	-1.525	-1.435	-0.090
10	054B10	-1.547	-1.521	-0.026
10	055B10	-1.524	-1.496	-0.028
10	056B10	-1.541	-1.513	-0.028
10	060B10	-1.538	-1.507	-0.031
10	061B10	-1.542	-1.517	-0.025
10	062U10	-1.527	-1.502	-0.025
10	064U10	-1.538	-1.511	-0.027
10	065U10	-1.541	-1.512	-0.029
10	066U10	-1.536	-1.511	-0.025
10	068U10	-1.525	-1.491	-0.034
30	054B30	-1.547	-1.473	-0.074
30	055B30	-1.524	-1.456	-0.067
30	056B30	-1.541	-1.473	-0.068
30	060B30	-1.538	-1.470	-0.069
30	061B30	-1.542	-1.473	-0.069
30	062U30	-1.527	-1.462	-0.065
30	064U30	-1.538	-1.476	-0.062
30	065U30	-1.541	-1.472	-0.069
30	066U30	-1.536	-1.471	-0.065
30	068U30	-1.525	-1.457	-0.068
50	069B50	-1.507	-1.569	0.062
50	070B50	-1.516	-1.564	0.048
50	071B50	-1.534	-1.587	0.054
50	072B50	-1.514	-1.566	0.052
50	073B50	-1.549	-1.604	0.056
50	074B50	-1.536	-1.585	0.048
50	075B50	-1.545	-1.589	0.044
50	076B50	-1.523	-1.571	0.048
50	077B50	-1.537	-1.581	0.044
50	078B50	-1.522	-1.572	0.049
50	079B50	-1.529	-1.571	0.043
50	080B50	-1.551	-1.596	0.045
50	083B50	-1.535	-1.585	0.051
50	084B50	-1.535	-1.581	0.046
50	085B50	-1.517	-1.569	0.052
50	089B50	-1.551	-1.597	0.046
50	095B50	-1.517	-1.563	0.046
50	096B50	-1.526	-1.571	0.045
50	100B50	-1.521	-1.565	0.044
50	101B50	-1.529	-1.578	0.049
50	103B50	-1.516	-1.563	0.047
50	104B50	-1.514	-1.561	0.047
50	062U50	-1.527	-1.566	0.039
50	064U50	-1.538	-1.589	0.051
50	065U50	-1.541	-1.579	0.038
50	066U50	-1.536	-1.579	0.043
50	068U50	-1.525	-1.568	0.043
100	069B100	-1.507	-1.492	-0.015
100	070B100	-1.516	-1.494	-0.022
100	071B100	-1.534	-1.513	-0.021
100	072B100	-1.514	-1.496	-0.018
100	073B100	-1.549	-1.532	-0.016
100	074B100	-1.536	-1.510	-0.026
100	075B100	-1.545	-1.523	-0.022
100	076B100	-1.523	-1.508	-0.015
100	077B100	-1.537	-1.515	-0.023
100	078B100	-1.522	-1.508	-0.014
100	079B100	-1.529	-1.509	-0.019
100	080B100	-1.551	-1.533	-0.018
100	083B100	-1.535	-1.519	-0.016
100	084B100	-1.535	-1.516	-0.019
100	085B100	-1.517	-1.508	-0.010
100	089B100	-1.551	-1.529	-0.022
100	095B100	-1.517	-1.500	-0.017
100	096B100	-1.526	-1.514	-0.012
100	100B100	-1.521	-1.502	-0.019
100	101B100	-1.529	-1.510	-0.019
100	103B100	-1.516	-1.496	-0.020
100	104B100	-1.514	-1.498	-0.016
100	062U100	-1.527	-1.441	-0.086
100	064U100	-1.538	-1.457	-0.081
100	065U100	-1.541	-1.456	-0.085
100	066U100	-1.536	-1.457	-0.079
100	068U100	-1.525	-1.439	-0.087
	Max	-1.507	-1.427	0.062
	Average	-1.532	-1.515	-0.017
	Min	-1.551	-1.604	-0.100
	Std Dev	0.011	0.050	0.052



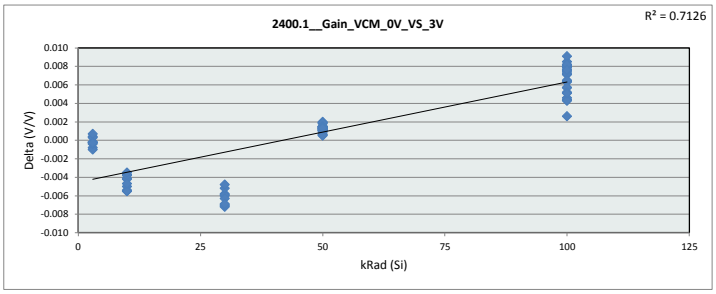
	2300.6__IQ_VEE_PD_1_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	-1.125	mA			
Min Limit	-5.875	mA			
kRad (Si)	3	10	30	50	100
LL	-5.875	-5.875	-5.875	-5.875	-5.875
Min	-1.455	-1.521	-1.476	-1.604	-1.533
Average	-1.442	-1.508	-1.468	-1.577	-1.499
Max	-1.427	-1.491	-1.456	-1.562	-1.439
UL	-1.125	-1.125	-1.125	-1.125	-1.125



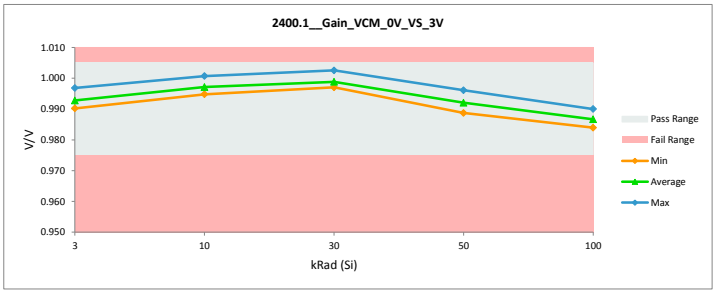
TID Report
LMH5401-SP LDR

	2400.1__Gain_VCM_0V_VS_3V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	V/V	V/V
Max Limit	1.005	1.005
Min Limit	0.975	0.975

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	0.991	0.990	0.000
3	055B3	0.993	0.994	-0.001
3	056B3	0.992	0.992	0.000
3	060B3	0.991	0.992	0.000
3	061B3	0.997	0.997	0.000
3	062U3	0.994	0.995	-0.001
3	064U3	0.992	0.992	0.000
3	065U3	0.991	0.990	0.001
3	066U3	0.990	0.990	0.000
3	068U3	0.995	0.995	0.000
10	054B10	0.991	0.996	-0.006
10	055B10	0.993	0.997	-0.004
10	056B10	0.992	0.996	-0.004
10	060B10	0.991	0.996	-0.005
10	061B10	0.997	1.001	-0.004
10	062U10	0.994	0.998	-0.004
10	064U10	0.992	0.998	-0.005
10	065U10	0.991	0.997	-0.006
10	066U10	0.990	0.995	-0.005
10	068U10	0.995	0.999	-0.003
30	054B30	0.991	0.998	-0.007
30	055B30	0.993	0.999	-0.006
30	056B30	0.992	0.999	-0.007
30	060B30	0.991	0.997	-0.006
30	061B30	0.997	1.003	-0.006
30	062U30	0.994	0.999	-0.005
30	064U30	0.992	0.999	-0.007
30	065U30	0.991	0.997	-0.006
30	066U30	0.990	0.997	-0.007
30	068U30	0.995	1.000	-0.005
50	069B50	0.992	0.990	0.002
50	070B50	0.993	0.992	0.002
50	071B50	0.993	0.992	0.001
50	072B50	0.994	0.993	0.001
50	073B50	0.994	0.992	0.001
50	074B50	0.998	0.996	0.001
50	075B50	0.994	0.992	0.002
50	076B50	0.995	0.994	0.001
50	077B50	0.992	0.990	0.002
50	078B50	0.993	0.991	0.002
50	079B50	0.995	0.993	0.001
50	080B50	0.994	0.993	0.001
50	083B50	0.991	0.990	0.001
50	084B50	0.991	0.990	0.001
50	085B50	0.994	0.993	0.001
50	089B50	0.991	0.989	0.002
50	095B50	0.995	0.993	0.002
50	096B50	0.996	0.995	0.001
50	100B50	0.993	0.992	0.001
50	101B50	0.990	0.989	0.001
50	103B50	0.995	0.994	0.001
50	104B50	0.994	0.993	0.001
50	062U50	0.994	0.993	0.001
50	064U50	0.992	0.992	0.001
50	065U50	0.991	0.990	0.001
50	066U50	0.990	0.990	0.001
50	068U50	0.995	0.994	0.001
100	069B100	0.992	0.984	0.008
100	070B100	0.993	0.985	0.008
100	071B100	0.993	0.986	0.007
100	072B100	0.994	0.987	0.008
100	073B100	0.994	0.987	0.006
100	074B100	0.998	0.989	0.008
100	075B100	0.994	0.988	0.006
100	076B100	0.995	0.988	0.007
100	077B100	0.992	0.984	0.008
100	078B100	0.993	0.986	0.007
100	079B100	0.995	0.987	0.008
100	080B100	0.994	0.988	0.007
100	083B100	0.991	0.985	0.006
100	084B100	0.991	0.985	0.006
100	085B100	0.994	0.986	0.008
100	089B100	0.991	0.987	0.004
100	095B100	0.995	0.987	0.008
100	096B100	0.996	0.987	0.009
100	100B100	0.993	0.985	0.008
100	101B100	0.990	0.987	0.003
100	103B100	0.995	0.987	0.008
100	104B100	0.994	0.986	0.008
100	062U100	0.994	0.989	0.005
100	064U100	0.992	0.988	0.004
100	065U100	0.991	0.986	0.005
100	066U100	0.990	0.986	0.004
100	068U100	0.995	0.990	0.005
	Max	0.998	1.003	0.009
	Average	0.993	0.992	0.001
	Min	0.990	0.984	-0.007
	Std Dev	0.002	0.005	0.005

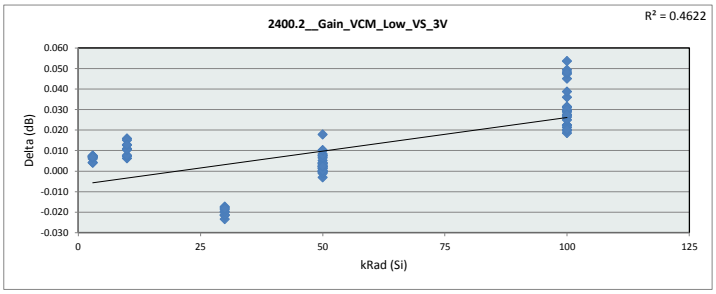


	2400.1__Gain_VCM_0V_VS_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.005	V/V			
Min Limit	0.975	V/V			
kRad (Si)	3	10	30	50	100
LL	0.975	0.975	0.975	0.975	0.975
Min	0.990	0.995	0.997	0.989	0.984
Average	0.993	0.997	0.999	0.992	0.987
Max	0.997	1.001	1.003	0.996	0.990
UL	1.005	1.005	1.005	1.005	1.005

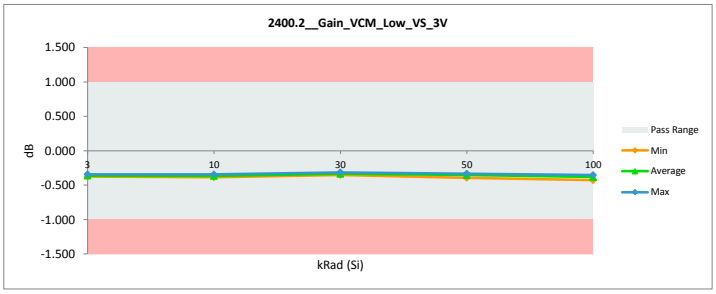


TID Report
LMH5401-SP LDR

	2400.2__Gain_VCM_Low_VS_3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	dB	dB	
Max Limit	0.99	0.99	
Min Limit	-0.99	-0.99	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-0.368	-0.375	0.007
3	055B3	-0.337	-0.343	0.006
3	056B3	-0.363	-0.370	0.007
3	060B3	-0.367	-0.374	0.007
3	061B3	-0.350	-0.355	0.004
3	062U3	-0.337	-0.341	0.004
3	064U3	-0.370	-0.377	0.007
3	065U3	-0.367	-0.374	0.007
3	066U3	-0.342	-0.348	0.007
3	068U3	-0.338	-0.345	0.007
10	054B10	-0.368	-0.379	0.011
10	055B10	-0.337	-0.343	0.006
10	056B10	-0.363	-0.370	0.007
10	060B10	-0.367	-0.375	0.007
10	061B10	-0.350	-0.358	0.008
10	062U10	-0.337	-0.347	0.010
10	064U10	-0.370	-0.386	0.016
10	065U10	-0.367	-0.382	0.015
10	066U10	-0.342	-0.355	0.013
10	068U10	-0.338	-0.351	0.013
30	054B30	-0.368	-0.348	-0.020
30	055B30	-0.337	-0.313	-0.023
30	056B30	-0.363	-0.341	-0.022
30	060B30	-0.367	-0.346	-0.021
30	061B30	-0.350	-0.329	-0.021
30	062U30	-0.337	-0.317	-0.020
30	064U30	-0.370	-0.353	-0.017
30	065U30	-0.367	-0.348	-0.019
30	066U30	-0.342	-0.324	-0.018
30	068U30	-0.338	-0.320	-0.018
50	069B50	-0.346	-0.350	0.004
50	070B50	-0.338	-0.340	0.002
50	071B50	-0.352	-0.356	0.004
50	072B50	-0.338	-0.335	-0.003
50	073B50	-0.366	-0.371	0.005
50	074B50	-0.343	-0.343	-0.001
50	075B50	-0.359	-0.361	0.001
50	076B50	-0.340	-0.342	0.002
50	077B50	-0.367	-0.370	0.003
50	078B50	-0.347	-0.355	0.008
50	079B50	-0.345	-0.347	0.002
50	080B50	-0.363	-0.373	0.010
50	083B50	-0.359	-0.368	0.008
50	084B50	-0.361	-0.365	0.004
50	085B50	-0.340	-0.339	-0.001
50	089B50	-0.375	-0.393	0.018
50	095B50	-0.339	-0.339	0.000
50	096B50	-0.332	-0.333	0.001
50	100B50	-0.360	-0.364	0.003
50	101B50	-0.344	-0.351	0.007
50	103B50	-0.332	-0.332	0.000
50	104B50	-0.342	-0.341	-0.001
50	062U50	-0.337	-0.337	0.000
50	064U50	-0.370	-0.376	0.006
50	065U50	-0.367	-0.374	0.008
50	066U50	-0.342	-0.352	0.010
50	068U50	-0.338	-0.341	0.002
100	069B100	-0.346	-0.373	0.027
100	070B100	-0.338	-0.368	0.029
100	071B100	-0.352	-0.380	0.027
100	072B100	-0.338	-0.356	0.019
100	073B100	-0.366	-0.397	0.031
100	074B100	-0.343	-0.363	0.020
100	075B100	-0.359	-0.389	0.030
100	076B100	-0.340	-0.363	0.022
100	077B100	-0.367	-0.394	0.026
100	078B100	-0.347	-0.383	0.036
100	079B100	-0.345	-0.367	0.022
100	080B100	-0.363	-0.394	0.031
100	083B100	-0.359	-0.405	0.045
100	084B100	-0.361	-0.392	0.031
100	085B100	-0.340	-0.368	0.029
100	089B100	-0.375	-0.428	0.054
100	095B100	-0.339	-0.361	0.022
100	096B100	-0.332	-0.359	0.027
100	100B100	-0.360	-0.390	0.030
100	101B100	-0.344	-0.393	0.049
100	103B100	-0.332	-0.354	0.021
100	104B100	-0.342	-0.362	0.020
100	062U100	-0.337	-0.362	0.025
100	064U100	-0.370	-0.409	0.039
100	065U100	-0.367	-0.414	0.047
100	066U100	-0.342	-0.390	0.048
100	068U100	-0.338	-0.366	0.028
	Max	-0.332	-0.313	0.054
	Average	-0.351	-0.362	0.011
	Min	-0.375	-0.428	-0.023
	Std Dev	0.013	0.023	0.017



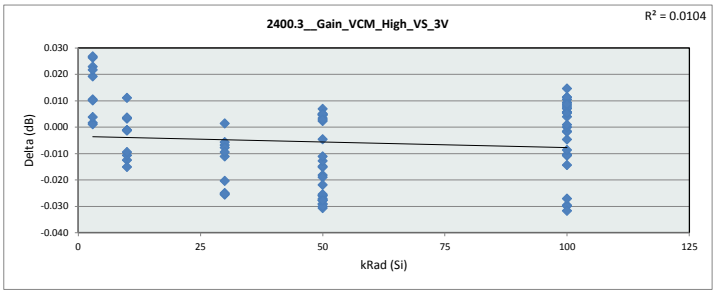
	2400.2__Gain_VCM_Low_VS_3				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	0.99	dB			
Min Limit	-0.99	dB			
kRad (Si)	3	10	30	50	100
LL	-0.990	-0.990	-0.990	-0.990	-0.990
Min	-0.377	-0.386	-0.353	-0.393	-0.429
Average	-0.360	-0.365	-0.334	-0.354	-0.381
Max	-0.341	-0.343	-0.314	-0.332	-0.354
UL	0.990	0.990	0.990	0.990	0.990



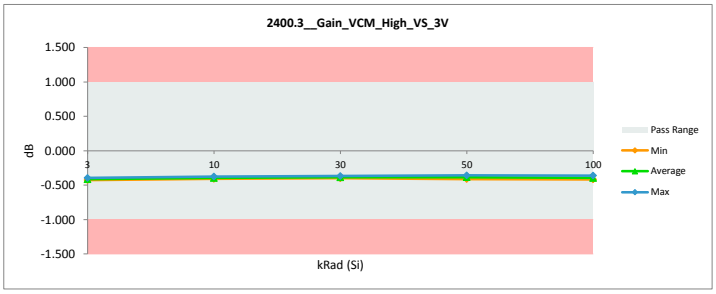
TID Report
LMH5401-SP LDR

	2400.3__Gain_VCM_High_VS_3V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	dB	dB
Max Limit	0.99	0.99
Min Limit	-0.99	-0.99

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-0.398	-0.421	0.023
3	055B3	-0.387	-0.407	0.019
3	056B3	-0.400	-0.426	0.026
3	060B3	-0.395	-0.417	0.022
3	061B3	-0.404	-0.414	0.010
3	062U3	-0.388	-0.398	0.010
3	064U3	-0.397	-0.424	0.027
3	065U3	-0.420	-0.422	0.002
3	066U3	-0.411	-0.412	0.001
3	068U3	-0.392	-0.396	0.004
10	054B10	-0.398	-0.409	0.011
10	055B10	-0.387	-0.375	-0.013
10	056B10	-0.400	-0.403	0.003
10	060B10	-0.395	-0.399	0.004
10	061B10	-0.404	-0.389	-0.015
10	062U10	-0.388	-0.387	-0.001
10	064U10	-0.397	-0.396	-0.001
10	065U10	-0.420	-0.409	-0.011
10	066U10	-0.411	-0.402	-0.009
10	068U10	-0.392	-0.391	-0.001
30	054B30	-0.398	-0.391	-0.007
30	055B30	-0.387	-0.376	-0.011
30	056B30	-0.400	-0.394	-0.006
30	060B30	-0.395	-0.387	-0.008
30	061B30	-0.404	-0.394	-0.009
30	062U30	-0.388	-0.368	-0.020
30	064U30	-0.397	-0.399	0.001
30	065U30	-0.420	-0.394	-0.026
30	066U30	-0.411	-0.386	-0.025
30	068U30	-0.392	-0.367	-0.025
50	069B50	-0.394	-0.396	0.002
50	070B50	-0.384	-0.388	0.003
50	071B50	-0.395	-0.400	0.005
50	072B50	-0.389	-0.361	-0.028
50	073B50	-0.400	-0.407	0.007
50	074B50	-0.398	-0.371	-0.028
50	075B50	-0.407	-0.377	-0.029
50	076B50	-0.394	-0.366	-0.027
50	077B50	-0.396	-0.401	0.005
50	078B50	-0.388	-0.393	0.005
50	079B50	-0.390	-0.360	-0.031
50	080B50	-0.404	-0.408	0.005
50	083B50	-0.415	-0.400	-0.015
50	084B50	-0.403	-0.398	-0.005
50	085B50	-0.385	-0.359	-0.026
50	089B50	-0.426	-0.411	-0.015
50	095B50	-0.388	-0.359	-0.029
50	096B50	-0.386	-0.361	-0.026
50	100B50	-0.393	-0.367	-0.025
50	101B50	-0.417	-0.399	-0.018
50	103B50	-0.387	-0.357	-0.030
50	104B50	-0.390	-0.362	-0.028
50	062U50	-0.388	-0.369	-0.019
50	064U50	-0.397	-0.400	0.003
50	065U50	-0.420	-0.407	-0.013
50	066U50	-0.411	-0.400	-0.011
50	068U50	-0.392	-0.370	-0.022
100	069B100	-0.394	-0.398	0.004
100	070B100	-0.384	-0.391	0.007
100	071B100	-0.395	-0.406	0.010
100	072B100	-0.389	-0.359	-0.030
100	073B100	-0.400	-0.411	0.011
100	074B100	-0.398	-0.368	-0.030
100	075B100	-0.407	-0.412	0.006
100	076B100	-0.394	-0.362	-0.032
100	077B100	-0.396	-0.405	0.009
100	078B100	-0.388	-0.399	0.011
100	079B100	-0.390	-0.386	-0.005
100	080B100	-0.404	-0.412	0.008
100	083B100	-0.415	-0.404	-0.010
100	084B100	-0.403	-0.401	-0.002
100	085B100	-0.385	-0.392	0.007
100	089B100	-0.426	-0.415	-0.011
100	095B100	-0.388	-0.387	-0.002
100	096B100	-0.386	-0.359	-0.027
100	100B100	-0.393	-0.402	0.009
100	101B100	-0.417	-0.403	-0.014
100	103B100	-0.387	-0.387	0.000
100	104B100	-0.390	-0.391	0.001
100	062U100	-0.388	-0.394	0.006
100	064U100	-0.397	-0.412	0.015
100	065U100	-0.420	-0.409	-0.011
100	066U100	-0.411	-0.403	-0.009
100	068U100	-0.392	-0.398	0.005
	Max	-0.384	-0.357	0.027
	Average	-0.398	-0.392	-0.006
	Min	-0.426	-0.426	-0.032
	Std Dev	0.011	0.018	0.015

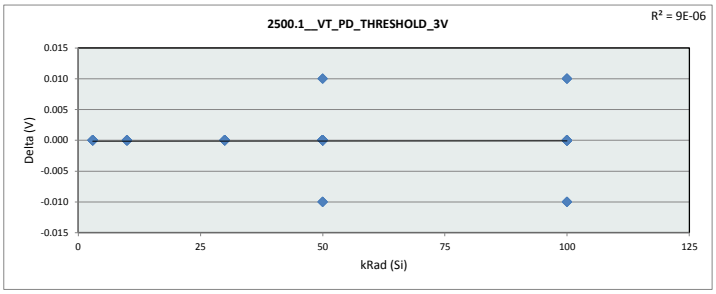


	2400.3__Gain_VCM_High_VS				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	0.99	dB			
Min Limit	-0.99	dB			
kRad (Si)	3	10	30	50	100
LL	-0.990	-0.990	-0.990	-0.990	-0.990
Min	-0.426	-0.409	-0.399	-0.411	-0.415
Average	-0.414	-0.396	-0.386	-0.383	-0.395
Max	-0.396	-0.375	-0.367	-0.357	-0.359
UL	0.990	0.990	0.990	0.990	0.990

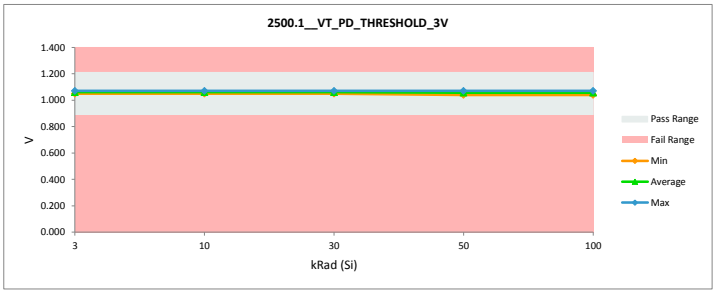


TID Report
LMH5401-SP LDR

	2500.1__VT_PD_THRESHOLD_3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	V	V	
Max Limit	1.21	1.21	
Min Limit	0.89	0.89	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	1.070	1.070	0.000
3	055B3	1.060	1.060	0.000
3	056B3	1.060	1.060	0.000
3	060B3	1.060	1.060	0.000
3	061B3	1.050	1.050	0.000
3	062U3	1.060	1.060	0.000
3	064U3	1.060	1.060	0.000
3	065U3	1.060	1.060	0.000
3	066U3	1.070	1.070	0.000
3	068U3	1.050	1.050	0.000
10	054B10	1.070	1.070	0.000
10	055B10	1.060	1.060	0.000
10	056B10	1.060	1.060	0.000
10	060B10	1.060	1.060	0.000
10	061B10	1.050	1.050	0.000
10	062U10	1.060	1.060	0.000
10	064U10	1.060	1.060	0.000
10	065U10	1.060	1.060	0.000
10	066U10	1.070	1.070	0.000
10	068U10	1.050	1.050	0.000
30	054B30	1.070	1.070	0.000
30	055B30	1.060	1.060	0.000
30	056B30	1.060	1.060	0.000
30	060B30	1.060	1.060	0.000
30	061B30	1.050	1.050	0.000
30	062U30	1.060	1.060	0.000
30	064U30	1.060	1.060	0.000
30	065U30	1.060	1.060	0.000
30	066U30	1.070	1.070	0.000
30	068U30	1.050	1.050	0.000
50	069B50	1.050	1.050	0.000
50	070B50	1.060	1.060	0.000
50	071B50	1.060	1.060	0.000
50	072B50	1.050	1.050	0.000
50	073B50	1.060	1.060	0.000
50	074B50	1.060	1.060	0.000
50	075B50	1.050	1.060	-0.010
50	076B50	1.050	1.040	0.010
50	077B50	1.060	1.060	0.000
50	078B50	1.050	1.060	-0.010
50	079B50	1.050	1.050	0.000
50	080B50	1.070	1.070	0.000
50	083B50	1.060	1.060	0.000
50	084B50	1.060	1.060	0.000
50	085B50	1.050	1.050	0.000
50	089B50	1.060	1.060	0.000
50	095B50	1.050	1.050	0.000
50	096B50	1.050	1.060	-0.010
50	100B50	1.050	1.050	0.000
50	101B50	1.070	1.070	0.000
50	103B50	1.060	1.050	0.010
50	104B50	1.060	1.060	0.000
50	062U50	1.060	1.060	0.000
50	064U50	1.060	1.060	0.000
50	065U50	1.060	1.060	0.000
50	066U50	1.070	1.070	0.000
50	068U50	1.050	1.050	0.000
100	069B100	1.050	1.050	0.000
100	070B100	1.060	1.060	0.000
100	071B100	1.060	1.060	0.000
100	072B100	1.050	1.050	0.000
100	073B100	1.060	1.060	0.000
100	074B100	1.060	1.060	0.000
100	075B100	1.050	1.050	0.000
100	076B100	1.050	1.040	0.010
100	077B100	1.060	1.060	0.000
100	078B100	1.050	1.060	-0.010
100	079B100	1.050	1.050	0.000
100	080B100	1.070	1.070	0.000
100	083B100	1.060	1.060	0.000
100	084B100	1.060	1.060	0.000
100	085B100	1.050	1.050	0.000
100	089B100	1.060	1.060	0.000
100	095B100	1.050	1.050	0.000
100	096B100	1.050	1.060	-0.010
100	100B100	1.050	1.050	0.000
100	101B100	1.070	1.060	0.010
100	103B100	1.060	1.050	0.010
100	104B100	1.060	1.060	0.000
100	062U100	1.060	1.070	-0.010
100	064U100	1.060	1.060	0.000
100	065U100	1.060	1.060	0.000
100	066U100	1.070	1.070	0.000
100	068U100	1.050	1.050	0.000
	Max	1.070	1.070	0.010
	Average	1.058	1.058	0.000
	Min	1.050	1.040	-0.010
	Std Dev	0.007	0.007	0.004



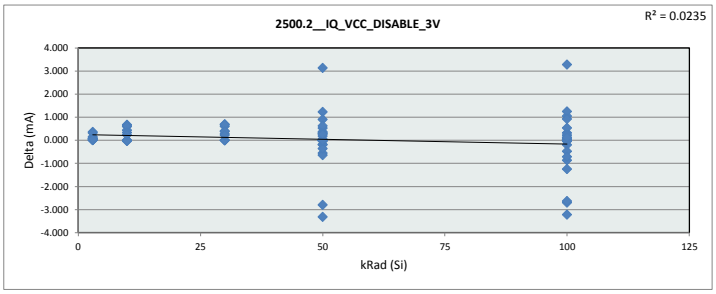
	2500.1__VT_PD_THRESHOLD				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	1.21	V			
Min Limit	0.89	V			
kRad (Si)	3	10	30	50	100
LL	0.890	0.890	0.890	0.890	0.890
Min	1.050	1.050	1.050	1.040	1.040
Average	1.060	1.060	1.060	1.057	1.057
Max	1.070	1.070	1.070	1.070	1.070
UL	1.210	1.210	1.210	1.210	1.210



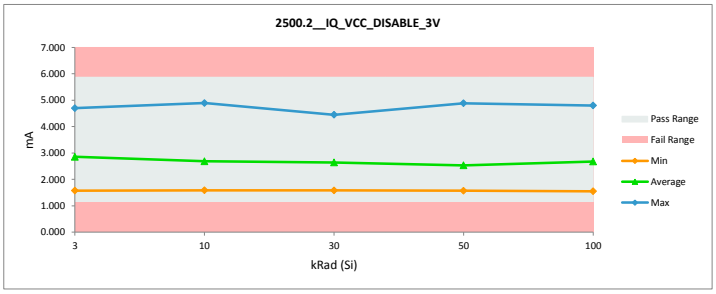
TID Report
LMH5401-SP LDR

	2500.2__IQ_VCC_DISABLE_3V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	mA	mA
Max Limit	5.875	5.875
Min Limit	1.125	1.125

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	1.596	1.585	0.011
3	055B3	2.072	1.975	0.098
3	056B3	1.586	1.576	0.010
3	060B3	4.012	3.650	0.363
3	061B3	4.491	4.414	0.078
3	062U3	4.852	4.696	0.156
3	064U3	1.589	1.578	0.011
3	065U3	3.753	3.435	0.318
3	066U3	3.271	3.204	0.067
3	068U3	2.474	2.424	0.050
10	054B10	1.596	1.598	-0.002
10	055B10	2.072	1.633	0.439
10	056B10	1.586	1.588	-0.002
10	060B10	4.012	3.339	0.673
10	061B10	4.491	3.891	0.600
10	062U10	4.852	4.888	-0.036
10	064U10	1.589	1.591	-0.003
10	065U10	3.753	3.135	0.618
10	066U10	3.271	2.934	0.337
10	068U10	2.474	2.247	0.227
30	054B30	1.596	1.596	0.000
30	055B30	2.072	1.794	0.278
30	056B30	1.586	1.583	0.003
30	060B30	4.012	3.411	0.601
30	061B30	4.491	3.796	0.695
30	062U30	4.852	4.449	0.403
30	064U30	1.589	1.588	0.001
30	065U30	3.753	3.080	0.673
30	066U30	3.271	2.889	0.382
30	068U30	2.474	2.252	0.223
50	069B50	2.845	2.792	0.053
50	070B50	1.561	1.570	-0.009
50	071B50	1.885	2.439	-0.554
50	072B50	4.663	4.136	0.526
50	073B50	2.754	2.931	-0.177
50	074B50	1.581	1.590	-0.009
50	075B50	4.738	1.604	3.134
50	076B50	1.573	4.371	-2.798
50	077B50	1.583	1.594	-0.011
50	078B50	2.813	1.586	1.227
50	079B50	3.451	3.129	0.322
50	080B50	1.600	1.613	-0.013
50	083B50	1.596	1.595	0.001
50	084B50	3.697	3.327	0.369
50	085B50	2.264	2.906	-0.643
50	089B50	2.743	2.937	-0.194
50	095B50	1.565	1.576	-0.010
50	096B50	2.492	1.588	0.904
50	100B50	2.174	2.536	-0.362
50	101B50	1.578	1.590	-0.012
50	103B50	1.565	4.886	-3.321
50	104B50	1.564	1.575	-0.011
50	062U50	4.852	4.672	0.179
50	064U50	1.589	1.602	-0.013
50	065U50	3.753	3.129	0.624
50	066U50	3.271	2.969	0.302
50	068U50	2.474	2.213	0.261
100	069B100	2.845	2.825	0.020
100	070B100	1.561	1.552	0.009
100	071B100	1.885	2.747	-0.862
100	072B100	4.663	3.618	1.045
100	073B100	2.754	2.952	-0.198
100	074B100	1.581	1.571	0.010
100	075B100	4.738	4.610	0.128
100	076B100	1.573	4.277	-2.705
100	077B100	1.583	1.574	0.009
100	078B100	2.813	1.567	1.246
100	079B100	3.451	3.130	0.321
100	080B100	1.600	1.592	0.008
100	083B100	1.596	1.577	0.019
100	084B100	3.697	3.162	0.535
100	085B100	2.264	3.512	-1.248
100	089B100	2.743	3.223	-0.479
100	095B100	1.565	1.608	-0.043
100	096B100	2.492	1.569	0.924
100	100B100	2.174	2.887	-0.713
100	101B100	1.578	4.801	-3.223
100	103B100	1.565	4.194	-2.629
100	104B100	1.564	1.556	0.008
100	062U100	4.852	1.577	3.275
100	064U100	1.589	1.591	-0.003
100	065U100	3.753	3.533	0.220
100	066U100	3.271	3.176	0.095
100	068U100	2.474	2.363	0.111
	Max	4.852	4.888	3.275
	Average	2.685	2.650	0.035
	Min	1.561	1.552	-3.321
	Std Dev	1.135	1.064	0.975

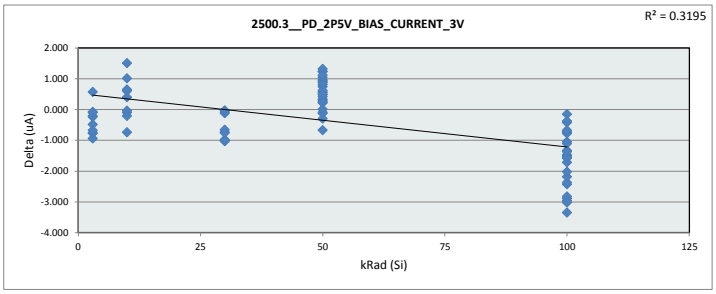


	2500.2__IQ_VCC_DISABLE_3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	5.875	mA			
Min Limit	1.125	mA			
kRad (Si)	3	10	30	50	100
LL	1.125	1.125	1.125	1.125	1.125
Min	1.576	1.588	1.583	1.570	1.552
Average	2.854	2.685	2.644	2.535	2.679
Max	4.696	4.888	4.449	4.886	4.801
UL	5.875	5.875	5.875	5.875	5.875

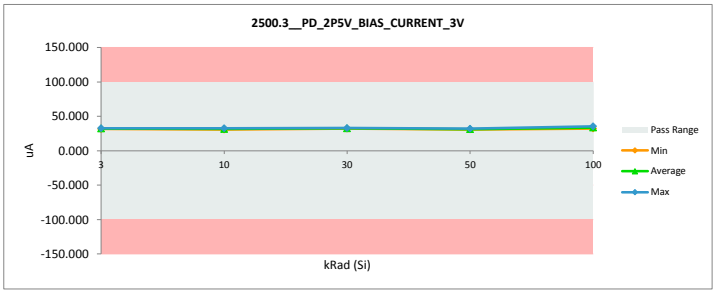


TID Report
LMH5401-SP LDR

	2500.3__PD_2P5V_BIAS_CURRE		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	uA	uA	
Max Limit	99	99	
Min Limit	-99	-99	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	32.347	32.588	-0.241
3	055B3	31.521	31.598	-0.077
3	056B3	32.355	32.565	-0.210
3	060B3	31.817	32.580	-0.763
3	061B3	31.560	32.502	-0.942
3	062U3	31.918	32.011	-0.093
3	064U3	32.137	32.619	-0.483
3	065U3	32.012	32.775	-0.763
3	066U3	32.230	31.661	0.569
3	068U3	31.895	32.573	-0.678
10	054B10	32.347	31.739	0.608
10	055B10	31.521	31.124	0.397
10	056B10	32.355	31.739	0.615
10	060B10	31.817	31.910	-0.094
10	061B10	31.560	31.599	-0.039
10	062U10	31.918	31.272	0.647
10	064U10	32.137	32.877	-0.740
10	065U10	32.012	30.999	1.013
10	066U10	32.230	30.726	1.504
10	068U10	31.895	32.105	-0.210
30	054B30	32.347	32.389	-0.042
30	055B30	31.521	32.552	-1.031
30	056B30	32.355	32.451	-0.097
30	060B30	31.817	32.552	-0.735
30	061B30	31.560	32.568	-1.008
30	062U30	31.918	32.038	-0.120
30	064U30	32.137	32.794	-0.657
30	065U30	32.012	32.989	-0.977
30	066U30	32.230	32.264	-0.034
30	068U30	31.895	32.654	-0.759
50	069B50	31.700	31.794	-0.094
50	070B50	31.264	31.934	-0.670
50	071B50	32.300	31.404	0.896
50	072B50	31.809	31.264	0.545
50	073B50	31.739	31.864	-0.125
50	074B50	32.300	31.560	0.740
50	075B50	32.456	31.521	0.935
50	076B50	32.511	31.544	0.966
50	077B50	31.755	32.051	-0.296
50	078B50	31.739	31.420	0.319
50	079B50	32.199	31.716	0.483
50	080B50	31.981	31.661	0.319
50	083B50	32.020	31.801	0.218
50	084B50	32.300	31.887	0.413
50	085B50	31.794	31.529	0.265
50	089B50	32.191	31.622	0.569
50	095B50	32.331	31.100	1.231
50	096B50	31.848	31.233	0.615
50	100B50	32.370	31.131	1.239
50	101B50	31.848	31.038	0.810
50	103B50	32.012	31.147	0.865
50	104B50	32.183	30.866	1.317
50	062U50	31.918	30.874	1.044
50	064U50	32.137	32.129	0.008
50	065U50	32.012	31.521	0.491
50	066U50	32.230	31.116	1.114
50	068U50	31.895	31.669	0.226
100	069B100	31.700	33.278	-1.578
100	070B100	31.264	32.311	-1.047
100	071B100	32.300	33.636	-1.336
100	072B100	31.809	33.527	-1.718
100	073B100	31.739	34.626	-2.887
100	074B100	32.300	35.257	-2.957
100	075B100	32.456	35.281	-2.825
100	076B100	32.511	35.530	-3.020
100	077B100	31.755	35.101	-3.347
100	078B100	31.739	34.166	-2.427
100	079B100	32.199	34.571	-2.373
100	080B100	31.981	34.166	-2.186
100	083B100	32.020	33.535	-1.515
100	084B100	32.300	33.777	-1.476
100	085B100	31.794	33.815	-2.022
100	089B100	32.191	33.535	-1.344
100	095B100	32.331	32.483	-0.152
100	096B100	31.848	33.410	-1.562
100	100B100	32.370	33.145	-0.775
100	101B100	31.848	33.215	-1.367
100	103B100	32.012	32.748	-0.736
100	104B100	32.183	32.943	-0.759
100	062U100	31.918	32.342	-0.424
100	064U100	32.137	32.825	-0.688
100	065U100	32.012	33.121	-1.109
100	066U100	32.230	32.607	-0.377
100	068U100	31.895	32.576	-0.681
	Max	32.511	35.530	1.504
	Average	32.013	32.414	-0.401
	Min	31.264	30.726	-3.347
	Std Dev	0.283	1.100	1.112



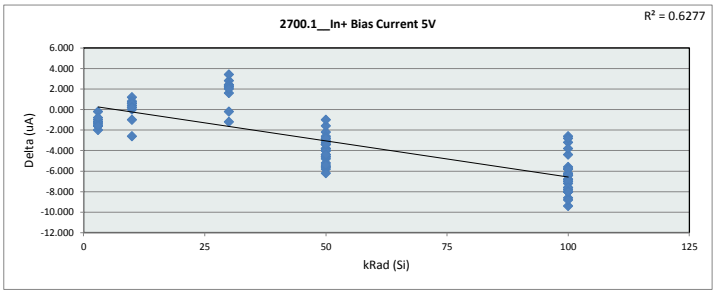
	2500.3__PD_2P5V_BIAS_CUR				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	99	uA			
Min Limit	-99	uA			
kRad (Si)	3	10	30	50	100
LL	-99.000	-99.000	-99.000	-99.000	-99.000
Min	31.598	30.726	32.038	30.866	32.311
Average	32.347	31.609	32.525	31.496	33.612
Max	32.775	32.877	32.989	32.129	35.530
UL	99.000	99.000	99.000	99.000	99.000



TID Report
LMH5401-SP LDR

	2700.1__In+ Bias Current 5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	80	80
Min Limit	-80	-80

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	8.110	9.712	-1.602
3	055B3	-4.906	-4.706	-0.200
3	056B3	0.300	1.702	-1.402
3	060B3	6.108	7.309	-1.201
3	061B3	-16.721	-14.718	-2.003
3	062U3	-8.511	-7.509	-1.002
3	064U3	3.504	5.106	-1.602
3	065U3	12.516	13.717	-1.201
3	066U3	9.312	10.113	-0.801
3	068U3	-16.721	-15.119	-1.602
10	054B10	8.110	6.909	1.201
10	055B10	-4.906	-5.507	0.601
10	056B10	0.300	-0.100	0.400
10	060B10	6.108	5.307	0.801
10	061B10	-16.721	-14.118	-2.603
10	062U10	-8.511	-8.511	0.000
10	064U10	3.504	2.904	0.600
10	065U10	12.516	12.315	0.201
10	066U10	9.312	9.111	0.201
10	068U10	-16.721	-15.720	-1.001
30	054B30	8.110	5.307	2.803
30	055B30	-4.906	-8.310	3.404
30	056B30	0.300	-2.103	2.403
30	060B30	6.108	3.905	2.203
30	061B30	-16.721	-15.519	-1.202
30	062U30	-8.511	-10.113	1.602
30	064U30	3.504	1.101	2.403
30	065U30	12.516	10.313	2.203
30	066U30	9.312	7.309	2.003
30	068U30	-16.721	-16.521	-0.200
50	069B50	0.100	3.905	-3.805
50	070B50	-4.105	-0.901	-3.204
50	071B50	-1.502	1.902	-3.404
50	072B50	-16.120	-10.313	-5.807
50	073B50	-3.304	-1.101	-2.203
50	074B50	-18.323	-13.517	-4.806
50	075B50	-11.915	-6.308	-5.607
50	076B50	-19.124	-14.518	-4.606
50	077B50	-5.507	-3.905	-1.602
50	078B50	0.901	3.504	-2.603
50	079B50	-12.916	-8.911	-4.005
50	080B50	-6.708	-3.705	-3.003
50	083B50	9.111	11.915	-2.804
50	084B50	1.502	2.503	-1.001
50	085B50	-6.909	-3.104	-3.805
50	089B50	8.511	13.116	-4.605
50	095B50	-12.516	-7.309	-5.207
50	096B50	-22.528	-16.921	-5.607
50	100B50	-15.920	-10.513	-5.407
50	101B50	36.145	39.549	-3.404
50	103B50	-13.317	-8.911	-4.406
50	104B50	-10.513	-7.710	-2.803
50	062U50	-8.511	-4.506	-4.005
50	064U50	3.504	7.509	-4.005
50	065U50	12.516	15.920	-3.404
50	066U50	9.312	13.717	-4.405
50	068U50	-16.721	-10.513	-6.208
100	069B100	0.100	6.508	-6.408
100	070B100	-4.105	2.303	-6.408
100	071B100	-1.502	2.904	-4.406
100	072B100	-16.120	-8.110	-8.010
100	073B100	-3.304	-0.100	-3.204
100	074B100	-18.323	-12.115	-6.208
100	075B100	-11.915	-2.503	-9.412
100	076B100	-19.124	-12.315	-6.809
100	077B100	-5.507	-2.904	-2.603
100	078B100	0.901	6.508	-5.607
100	079B100	-12.916	-7.109	-5.807
100	080B100	-6.708	-0.901	-5.807
100	083B100	9.111	15.519	-6.408
100	084B100	1.502	4.305	-2.803
100	085B100	-6.909	0.100	-7.009
100	089B100	8.511	16.120	-7.609
100	095B100	-12.516	-4.706	-7.810
100	096B100	-22.528	-13.917	-8.611
100	100B100	-15.920	-7.109	-8.811
100	101B100	36.145	43.354	-7.209
100	103B100	-13.317	-6.508	-6.809
100	104B100	-10.513	-6.708	-3.805
100	062U100	-8.511	-1.502	-7.009
100	064U100	3.504	11.114	-7.610
100	065U100	12.516	20.526	-8.010
100	066U100	9.312	17.322	-8.010
100	068U100	-16.721	-8.711	-8.010
	Max	36.145	43.354	3.404
	Average	-3.223	0.069	-3.292
	Min	-22.528	-16.921	-9.412
	Std Dev	11.808	11.381	3.222



	2700.1__In+ Bias Current 5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	80	uA			
Min Limit	-80	uA			
kRad (Si)	3	10	30	50	100
LL	-80.000	-80.000	-80.000	-80.000	-80.000
Min	-15.119	-15.720	-16.521	-16.921	-13.917
Average	0.561	-0.741	-2.463	-0.708	1.902
Max	13.717	12.315	10.313	39.549	43.354
UL	80.000	80.000	80.000	80.000	80.000

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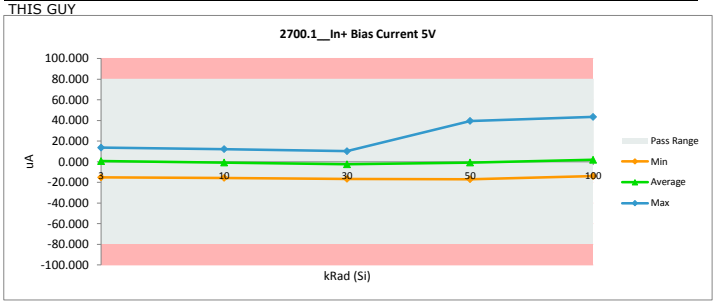
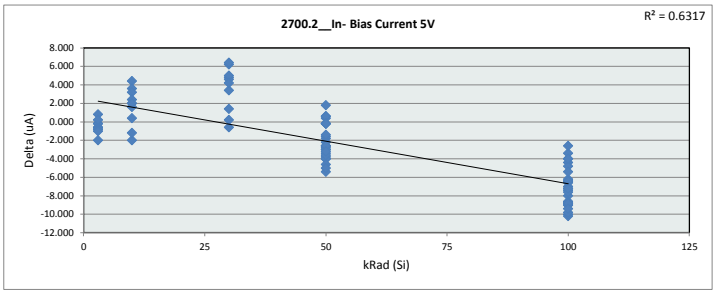


TID Report
LMH5401-SP LDR

		2700.2__In- Bias Current 5V		
	Test Site	Dallas	Dallas	
	Tester	ETS364	ETS364	
	Test Number	EF868301	EF868301	
	Unit	uA	uA	
	Max Limit	80	80	
	Min Limit	-80	-80	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	17.922	18.523	-0.601
3	055B3	-1.502	-2.303	0.801
3	056B3	6.508	7.309	-0.801
3	060B3	15.119	15.319	-0.200
3	061B3	-17.722	-17.522	-0.200
3	062U3	-5.907	-5.307	-0.600
3	064U3	11.514	12.315	-0.801
3	065U3	20.125	22.128	-2.003
3	066U3	15.119	14.919	0.200
3	068U3	-14.118	-13.116	-1.002
10	054B10	17.922	13.517	4.405
10	055B10	-1.502	-3.504	2.002
10	056B10	6.508	4.906	1.602
10	060B10	15.119	11.514	3.605
10	061B10	-17.722	-15.720	-2.002
10	062U10	-5.907	-6.308	0.401
10	064U10	11.514	8.310	3.204
10	065U10	20.125	17.722	2.403
10	066U10	15.119	13.116	2.003
10	068U10	-14.118	-12.916	-1.202
30	054B30	17.922	11.715	6.207
30	055B30	-1.502	-6.308	4.806
30	056B30	6.508	1.902	4.606
30	060B30	15.119	8.711	6.408
30	061B30	-17.722	-17.121	-0.601
30	062U30	-5.907	-7.309	1.402
30	064U30	11.514	6.508	5.006
30	065U30	20.125	16.721	3.404
30	066U30	15.119	10.914	4.205
30	068U30	-14.118	-14.318	0.200
50	069B50	3.905	6.708	-2.803
50	070B50	-1.502	1.101	-2.603
50	071B50	3.705	3.905	-0.200
50	072B50	-14.318	-10.513	-3.805
50	073B50	1.902	1.502	0.400
50	074B50	-19.124	-15.720	-3.404
50	075B50	-8.110	-4.105	-4.005
50	076B50	-17.922	-12.516	-5.406
50	077B50	1.702	1.101	0.601
50	078B50	5.907	5.307	0.600
50	079B50	-7.509	-4.906	-2.603
50	080B50	-4.506	-4.305	-0.201
50	083B50	18.123	18.323	-0.200
50	084B50	7.509	5.707	1.802
50	085B50	-1.702	0.100	-1.802
50	089B50	17.922	19.524	-1.602
50	095B50	-10.113	-6.108	-4.005
50	096B50	-19.925	-15.319	-4.606
50	100B50	-9.312	-4.305	-5.007
50	101B50	40.150	43.755	-3.605
50	103B50	-10.313	-7.309	-3.004
50	104B50	-12.916	-10.713	-2.203
50	062U50	-5.907	-2.904	-3.003
50	064U50	11.514	11.715	-0.201
50	065U50	20.125	21.527	-1.402
50	066U50	15.119	17.722	-2.603
50	068U50	-14.118	-10.914	-3.204
100	069B100	3.905	11.114	-7.209
100	070B100	-1.502	5.907	-7.409
100	071B100	3.705	7.710	-4.005
100	072B100	-14.318	-6.308	-8.010
100	073B100	1.902	5.307	-3.405
100	074B100	-19.124	-12.716	-6.408
100	075B100	-8.110	2.103	-10.213
100	076B100	-17.922	-9.111	-8.811
100	077B100	1.702	6.108	-4.406
100	078B100	5.907	10.713	-4.806
100	079B100	-7.509	-1.302	-6.207
100	080B100	-4.506	0.901	-5.407
100	083B100	18.123	24.731	-6.608
100	084B100	7.509	10.113	-2.604
100	085B100	-1.702	5.307	-7.009
100	089B100	17.922	26.934	-9.012
100	095B100	-10.113	-1.502	-8.611
100	096B100	-19.925	-11.114	-8.811
100	100B100	-9.312	0.701	-10.013
100	101B100	40.150	47.760	-7.610
100	103B100	-10.313	-3.905	-6.408
100	104B100	-12.916	-8.911	-4.005
100	062U100	-5.907	3.104	-9.011
100	064U100	11.514	18.723	-7.209
100	065U100	20.125	29.937	-9.812
100	066U100	15.119	23.930	-8.811
100	068U100	-14.118	-4.706	-9.412
	Max	40.150	47.760	6.408
	Average	1.449	3.860	-2.410
	Min	-19.925	-17.522	-10.213
	Std Dev	13.938	13.312	4.195



	2700.2__In- Bias Current 5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	80	uA			
Min Limit	-80	uA			
kRad (Si)	3	10	30	50	100
LL	-80.000	-80.000	-80.000	-80.000	-80.000
Min	-17.522	-15.720	-17.121	-15.720	-12.716
Average	5.227	3.064	1.142	1.791	6.723
Max	22.128	17.722	16.721	43.755	47.760
UL	80.000	80.000	80.000	80.000	80.000

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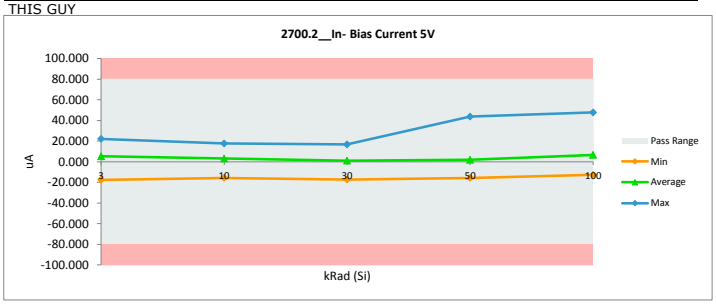
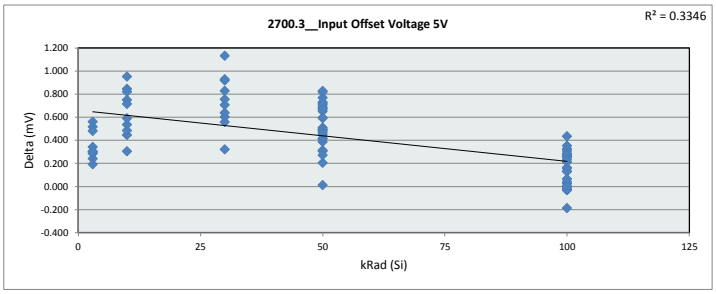
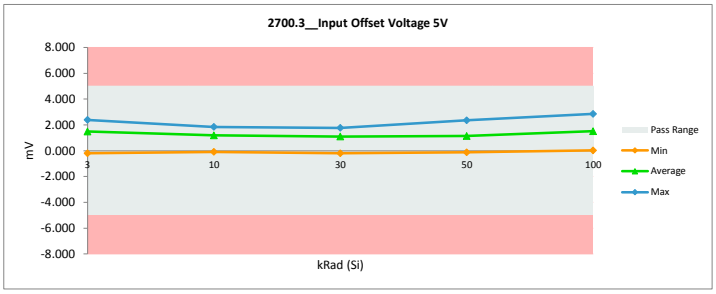


TID Report
LMH5401-SP LDR

	2700.3__Input Offset Voltage 5V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	mV	mV	
Max Limit	5	5	
Min Limit	-5	-5	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	2.690	2.387	0.303
3	055B3	1.466	1.125	0.341
3	056B3	1.931	1.739	0.192
3	060B3	2.641	2.337	0.304
3	061B3	0.362	-0.200	0.561
3	062U3	1.501	0.984	0.517
3	064U3	2.341	2.099	0.241
3	065U3	2.502	2.216	0.286
3	066U3	1.714	1.418	0.296
3	068U3	1.249	0.768	0.480
10	054B10	2.690	1.845	0.845
10	055B10	1.466	0.930	0.536
10	056B10	1.931	1.181	0.750
10	060B10	2.641	1.688	0.952
10	061B10	0.362	-0.083	0.445
10	062U10	1.501	1.016	0.485
10	064U10	2.341	1.520	0.820
10	065U10	2.502	1.787	0.715
10	066U10	1.714	1.125	0.590
10	068U10	1.249	0.944	0.304
30	054B30	2.690	1.772	0.918
30	055B30	1.466	0.760	0.706
30	056B30	1.931	1.176	0.755
30	060B30	2.641	1.509	1.132
30	061B30	0.362	-0.196	0.558
30	062U30	1.501	0.898	0.603
30	064U30	2.341	1.412	0.929
30	065U30	2.502	1.673	0.828
30	066U30	1.714	1.076	0.638
30	068U30	1.249	0.927	0.321
50	069B50	1.709	1.218	0.490
50	070B50	1.445	0.965	0.480
50	071B50	1.686	1.000	0.686
50	072B50	1.144	0.553	0.591
50	073B50	1.849	1.081	0.768
50	074B50	0.361	-0.025	0.386
50	075B50	1.588	0.937	0.651
50	076B50	1.302	0.989	0.313
50	077B50	2.246	1.539	0.707
50	078B50	1.827	1.096	0.730
50	079B50	2.056	1.546	0.510
50	080B50	1.192	0.375	0.818
50	083B50	2.621	1.943	0.678
50	084B50	2.173	1.346	0.827
50	085B50	1.855	1.361	0.494
50	089B50	2.664	2.359	0.305
50	095B50	1.349	0.936	0.414
50	096B50	1.106	0.901	0.205
50	100B50	1.993	1.722	0.272
50	101B50	1.725	1.712	0.012
50	103B50	1.535	1.090	0.446
50	104B50	0.293	-0.121	0.414
50	062U50	1.501	0.905	0.596
50	064U50	2.341	1.622	0.718
50	065U50	2.502	1.834	0.667
50	066U50	1.714	1.220	0.495
50	068U50	1.249	0.784	0.464
100	069B100	1.709	1.740	-0.031
100	070B100	1.445	1.313	0.132
100	071B100	1.686	1.404	0.282
100	072B100	1.144	0.709	0.435
100	073B100	1.849	1.524	0.325
100	074B100	0.361	0.197	0.164
100	075B100	1.588	1.320	0.268
100	076B100	1.302	1.317	-0.015
100	077B100	2.246	2.089	0.157
100	078B100	1.827	1.473	0.354
100	079B100	2.056	1.801	0.255
100	080B100	1.192	0.884	0.308
100	083B100	2.621	2.491	0.130
100	084B100	2.173	1.887	0.286
100	085B100	1.855	1.584	0.271
100	089B100	2.664	2.851	-0.187
100	095B100	1.349	1.138	0.211
100	096B100	1.106	1.066	0.039
100	100B100	1.993	2.025	-0.032
100	101B100	1.725	1.721	0.003
100	103B100	1.535	1.285	0.250
100	104B100	0.293	0.023	0.270
100	062U100	1.501	1.269	0.232
100	064U100	2.341	2.316	0.025
100	065U100	2.502	2.531	-0.029
100	066U100	1.714	1.715	0.000
100	068U100	1.249	1.184	0.065
	Max	2.690	2.851	1.132
	Average	1.729	1.305	0.425
	Min	0.293	-0.200	-0.187
	Std Dev	0.631	0.641	0.277

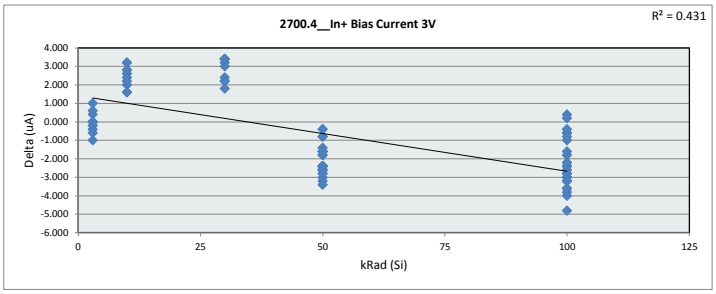


	2700.3__Input Offset Voltage				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	5	mV			
Min Limit	-5	mV			
kRad (Si)	3	10	30	50	100
LL	-5.000	-5.000	-5.000	-5.000	-5.000
Min	-0.200	-0.083	-0.196	-0.121	0.024
Average	1.488	1.195	1.101	1.144	1.513
Max	2.387	1.845	1.772	2.359	2.851
UL	5.000	5.000	5.000	5.000	5.000



TID Report
LMH5401-SP LDR

	2700.4__In+ Bias Current 3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	uA	uA	
Max Limit	80	80	
Min Limit	-80	-80	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-22.128	-22.128	0.000
3	055B3	-32.541	-32.541	0.000
3	056B3	-28.335	-28.335	0.000
3	060B3	-23.329	-23.129	-0.200
3	061B3	-42.753	-42.353	-0.400
3	062U3	-36.145	-35.144	-1.001
3	064U3	-25.332	-26.333	1.001
3	065U3	-17.922	-17.322	-0.600
3	066U3	-21.727	-22.128	0.401
3	068U3	-41.552	-42.153	0.601
10	054B10	-22.128	-24.130	2.002
10	055B10	-32.541	-35.344	2.803
10	056B10	-28.335	-30.939	2.604
10	060B10	-23.329	-25.732	2.403
10	061B10	-42.753	-44.355	1.602
10	062U10	-36.145	-37.747	1.602
10	064U10	-25.332	-28.135	2.803
10	065U10	-17.922	-20.125	2.203
10	066U10	-21.727	-24.931	3.204
10	068U10	-41.552	-44.756	3.204
30	054B30	-22.128	-25.332	3.204
30	055B30	-32.541	-35.945	3.404
30	056B30	-28.335	-31.740	3.405
30	060B30	-23.329	-25.732	2.403
30	061B30	-42.753	-44.556	1.803
30	062U30	-36.145	-38.348	2.203
30	064U30	-25.332	-28.736	3.404
30	065U30	-17.922	-20.125	2.203
30	066U30	-21.727	-25.131	3.404
30	068U30	-41.552	-44.556	3.004
50	069B50	-27.134	-24.731	-2.403
50	070B50	-31.339	-28.936	-2.403
50	071B50	-28.736	-27.334	-1.402
50	072B50	-40.751	-38.348	-2.403
50	073B50	-32.941	-31.339	-1.602
50	074B50	-44.155	-41.752	-2.403
50	075B50	-38.548	-35.344	-3.204
50	076B50	-43.955	-40.951	-3.004
50	077B50	-32.741	-32.340	-0.401
50	078B50	-26.733	-25.932	-0.801
50	079B50	-37.747	-37.347	-0.400
50	080B50	-35.344	-33.742	-1.602
50	083B50	-21.126	-18.523	-2.603
50	084B50	-27.735	-26.934	-0.801
50	085B50	-33.742	-31.139	-2.603
50	089B50	-20.526	-18.723	-1.803
50	095B50	-38.748	-36.145	-2.603
50	096B50	-46.358	-43.554	-2.804
50	100B50	-40.150	-37.547	-2.603
50	101B50	1.101	3.504	-2.403
50	103B50	-39.349	-36.546	-2.803
50	104B50	-36.345	-35.544	-0.801
50	062U50	-36.145	-32.741	-3.404
50	064U50	-25.332	-23.730	-1.602
50	065U50	-17.922	-15.519	-2.403
50	066U50	-21.727	-20.125	-1.602
50	068U50	-41.552	-39.750	-1.802
100	069B100	-27.134	-24.731	-2.403
100	070B100	-31.339	-28.335	-3.004
100	071B100	-28.736	-28.135	-0.601
100	072B100	-40.751	-36.746	-4.005
100	073B100	-32.941	-31.940	-1.001
100	074B100	-44.155	-41.752	-2.403
100	075B100	-38.548	-33.742	-4.806
100	076B100	-43.955	-41.352	-2.603
100	077B100	-32.741	-33.141	0.400
100	078B100	-26.733	-26.133	-0.600
100	079B100	-37.747	-37.347	-0.400
100	080B100	-35.344	-32.941	-2.403
100	083B100	-21.126	-17.922	-3.204
100	084B100	-27.735	-27.935	0.200
100	085B100	-33.742	-30.538	-3.204
100	089B100	-20.526	-17.722	-2.804
100	095B100	-38.748	-35.745	-3.003
100	096B100	-46.358	-42.553	-3.805
100	100B100	-40.150	-36.946	-3.204
100	101B100	1.101	4.305	-3.204
100	103B100	-39.349	-35.745	-3.604
100	104B100	-36.345	-35.544	-0.801
100	062U100	-36.145	-32.541	-3.604
100	064U100	-25.332	-23.730	-1.602
100	065U100	-17.922	-15.720	-2.202
100	066U100	-21.727	-19.925	-1.802
100	068U100	-41.552	-38.748	-2.804
	Max	1.101	4.305	3.405
	Average	-31.034	-30.266	-0.768
	Min	-46.358	-44.756	-4.806
	Std Dev	9.608	9.442	2.255



	2700.4__In+ Bias Current 3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	80	uA			
Min Limit	-80	uA			
kRad (Si)	3	10	30	50	100
LL	-80.000	-80.000	-80.000	-80.000	-80.000
Min	-42.353	-44.756	-44.556	-43.554	-42.553
Average	-29.157	-31.619	-32.020	-30.041	-29.752
Max	-17.322	-20.125	-20.125	3.504	4.305
UL	80.000	80.000	80.000	80.000	80.000

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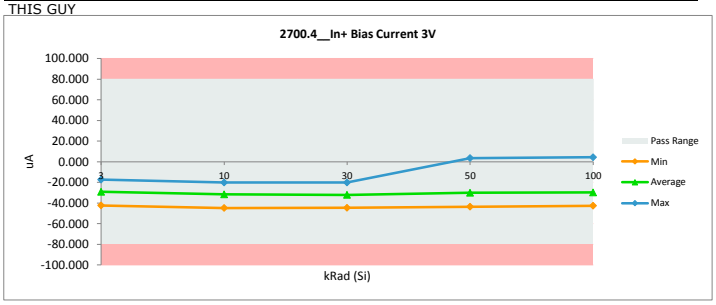
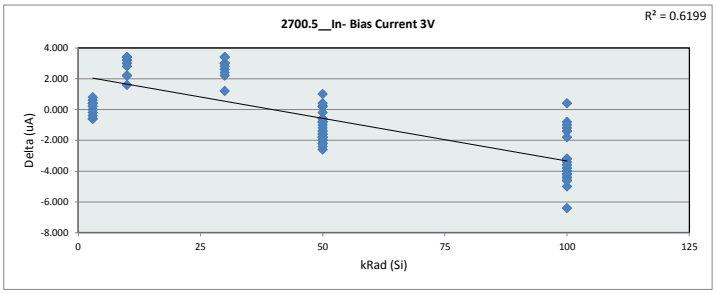


TID Report
LMH5401-SP LDR

		2700.5__In- Bias Current 3V		
	Test Site	Dallas	Dallas	
	Tester	ETS364	ETS364	
	Test Number	EF868301	EF868301	
	Unit	uA	uA	
	Max Limit	80	80	
	Min Limit	-80	-80	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-20.526	-20.926	0.400
3	055B3	-35.344	-35.945	0.601
3	056B3	-29.337	-28.736	-0.601
3	060B3	-22.728	-22.728	0.000
3	061B3	-49.562	-48.961	-0.601
3	062U3	-38.348	-37.947	-0.401
3	064U3	-25.532	-25.732	0.200
3	065U3	-16.921	-17.722	0.801
3	066U3	-22.528	-22.929	0.401
3	068U3	-45.757	-45.557	-0.200
10	054B10	-20.526	-23.529	3.003
10	055B10	-35.344	-38.548	3.204
10	056B10	-29.337	-31.539	2.202
10	060B10	-22.728	-26.133	3.405
10	061B10	-49.562	-51.164	1.602
10	062U10	-38.348	-40.551	2.203
10	064U10	-25.532	-28.736	3.204
10	065U10	-16.921	-20.325	3.404
10	066U10	-22.528	-25.932	3.404
10	068U10	-45.757	-48.561	2.804
30	054B30	-20.526	-23.529	3.003
30	055B30	-35.344	-38.748	3.404
30	056B30	-29.337	-31.539	2.202
30	060B30	-22.728	-25.732	3.004
30	061B30	-49.562	-50.763	1.201
30	062U30	-38.348	-40.951	2.603
30	064U30	-25.532	-28.536	3.004
30	065U30	-16.921	-19.725	2.804
30	066U30	-22.528	-25.932	3.404
30	068U30	-45.757	-48.160	2.403
50	069B50	-30.738	-28.536	-2.202
50	070B50	-35.544	-33.542	-2.002
50	071B50	-31.940	-32.140	0.200
50	072B50	-44.556	-43.755	-0.801
50	073B50	-34.343	-34.543	0.200
50	074B50	-50.163	-48.961	-1.202
50	075B50	-41.151	-39.149	-2.002
50	076B50	-47.960	-46.358	-1.602
50	077B50	-34.143	-34.343	0.200
50	078B50	-29.337	-29.737	0.400
50	079B50	-39.549	-38.949	-0.600
50	080B50	-40.551	-39.950	-0.601
50	083B50	-19.324	-17.922	-1.402
50	084B50	-29.136	-30.138	1.002
50	085B50	-35.144	-33.742	-1.402
50	089B50	-20.125	-17.522	-2.603
50	095B50	-41.952	-39.549	-2.403
50	096B50	-49.962	-48.160	-1.802
50	100B50	-41.352	-39.549	-1.803
50	101B50	-0.901	1.302	-2.203
50	103B50	-41.952	-40.951	-1.001
50	104B50	-44.756	-44.556	-0.200
50	062U50	-38.348	-36.746	-1.602
50	064U50	-25.532	-24.731	-0.801
50	065U50	-16.921	-16.320	-0.601
50	066U50	-22.528	-21.727	-0.801
50	068U50	-45.757	-43.955	-1.802
100	069B100	-30.738	-26.934	-3.804
100	070B100	-35.544	-31.339	-4.205
100	071B100	-31.940	-30.538	-1.402
100	072B100	-44.556	-40.751	-3.805
100	073B100	-34.343	-33.542	-0.801
100	074B100	-50.163	-46.758	-3.405
100	075B100	-41.151	-36.145	-5.006
100	076B100	-47.960	-43.955	-4.005
100	077B100	-34.143	-32.741	-1.402
100	078B100	-29.337	-28.135	-1.202
100	079B100	-39.549	-37.747	-1.802
100	080B100	-40.551	-37.347	-3.204
100	083B100	-19.324	-15.119	-4.205
100	084B100	-29.136	-29.537	0.401
100	085B100	-35.144	-31.940	-3.204
100	089B100	-20.125	-13.717	-6.408
100	095B100	-41.952	-37.747	-4.205
100	096B100	-49.962	-45.557	-4.405
100	100B100	-41.352	-36.746	-4.606
100	101B100	-0.901	3.705	-4.606
100	103B100	-41.952	-38.348	-3.604
100	104B100	-44.756	-43.755	-1.001
100	062U100	-38.348	-33.942	-4.406
100	064U100	-25.532	-21.527	-4.005
100	065U100	-16.921	-13.317	-3.604
100	066U100	-22.528	-18.323	-4.205
100	068U100	-45.757	-41.151	-4.606
	Max	-0.901	3.705	3.405
	Average	-33.180	-32.417	-0.763
	Min	-50.163	-51.164	-6.408
	Std Dev	11.274	11.137	2.550



	2700.5__In- Bias Current 3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	80	uA			
Min Limit	-80	uA			
kRad (Si)	3	10	30	50	100
LL	-80.000	-80.000	-80.000	-80.000	-80.000
Min	-48.961	-51.164	-50.763	-48.961	-46.758
Average	-30.718	-33.502	-33.362	-33.490	-31.220
Max	-17.722	-20.325	-19.725	1.302	3.705
UL	80.000	80.000	80.000	80.000	80.000

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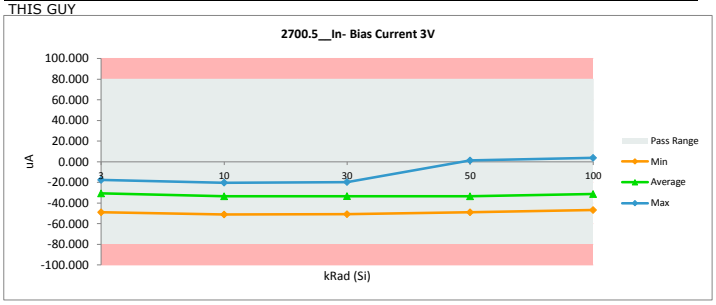
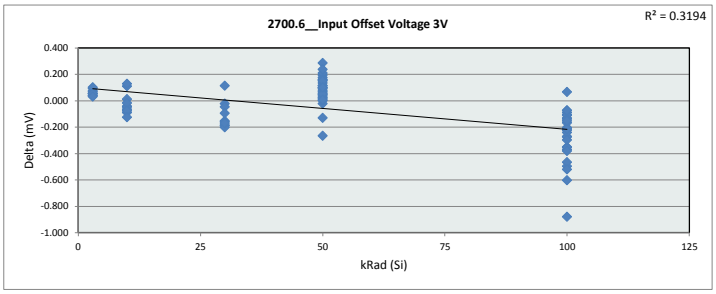
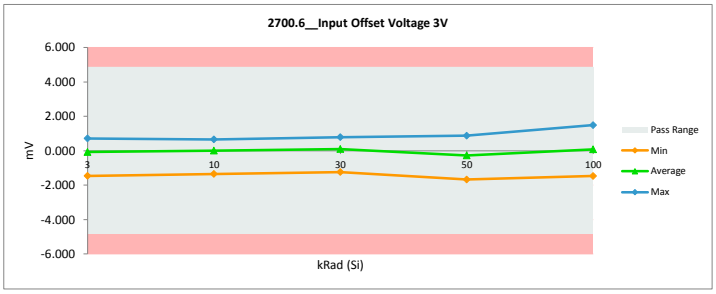


TID Report
LMH5401-SP LDR

	2700.6__Input Offset Voltage 3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	mV	mV	
Max Limit	4.85	4.85	
Min Limit	-4.85	-4.85	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	0.772	0.717	0.055
3	055B3	-0.360	-0.412	0.052
3	056B3	0.086	0.048	0.038
3	060B3	0.580	0.512	0.068
3	061B3	-1.388	-1.463	0.075
3	062U3	-0.245	-0.338	0.093
3	064U3	0.441	0.339	0.101
3	065U3	0.521	0.480	0.041
3	066U3	-0.033	-0.088	0.055
3	068U3	-0.487	-0.517	0.031
10	054B10	0.772	0.663	0.109
10	055B10	-0.360	-0.296	-0.065
10	056B10	0.086	0.133	-0.047
10	060B10	0.580	0.452	0.128
10	061B10	-1.388	-1.346	-0.042
10	062U10	-0.245	-0.155	-0.090
10	064U10	0.441	0.430	0.011
10	065U10	0.521	0.538	-0.017
10	066U10	-0.033	0.043	-0.076
10	068U10	-0.487	-0.361	-0.125
30	054B30	0.772	0.795	-0.022
30	055B30	-0.360	-0.173	-0.187
30	056B30	0.086	0.271	-0.185
30	060B30	0.580	0.466	0.114
30	061B30	-1.388	-1.235	-0.153
30	062U30	-0.245	-0.086	-0.159
30	064U30	0.441	0.487	-0.046
30	065U30	0.521	0.615	-0.095
30	066U30	-0.033	0.169	-0.202
30	068U30	-0.487	-0.316	-0.171
50	069B50	-0.382	-0.361	-0.022
50	070B50	-0.393	-0.428	0.035
50	071B50	-0.387	-0.498	0.112
50	072B50	-0.407	-0.693	0.286
50	073B50	-0.114	-0.249	0.135
50	074B50	-1.183	-1.377	0.193
50	075B50	-0.271	-0.446	0.175
50	076B50	-0.411	-0.491	0.080
50	077B50	0.045	0.023	0.022
50	078B50	-0.132	-0.342	0.209
50	079B50	0.268	0.199	0.069
50	080B50	-0.705	-0.866	0.161
50	083B50	0.599	0.554	0.044
50	084B50	0.149	-0.088	0.237
50	085B50	-0.011	-0.105	0.094
50	089B50	0.610	0.875	-0.265
50	095B50	-0.293	-0.313	0.021
50	096B50	-0.408	-0.408	0.000
50	100B50	0.031	-0.085	0.116
50	101B50	-0.046	0.083	-0.130
50	103B50	-0.094	-0.250	0.156
50	104B50	-1.618	-1.676	0.058
50	062U50	-0.245	-0.394	0.150
50	064U50	0.441	0.343	0.098
50	065U50	0.521	0.470	0.051
50	066U50	-0.033	-0.040	0.007
50	068U50	-0.487	-0.587	0.101
100	069B100	-0.382	-0.013	-0.370
100	070B100	-0.393	-0.169	-0.224
100	071B100	-0.387	-0.281	-0.106
100	072B100	-0.407	-0.474	0.067
100	073B100	-0.114	0.090	-0.204
100	074B100	-1.183	-1.094	-0.090
100	075B100	-0.271	-0.140	-0.131
100	076B100	-0.411	-0.137	-0.274
100	077B100	0.045	0.396	-0.351
100	078B100	-0.132	-0.021	-0.111
100	079B100	0.268	0.435	-0.167
100	080B100	-0.705	-0.566	-0.139
100	083B100	0.599	0.952	-0.354
100	084B100	0.149	0.222	-0.073
100	085B100	-0.011	0.195	-0.207
100	089B100	0.610	1.489	-0.879
100	095B100	-0.293	-0.022	-0.271
100	096B100	-0.408	-0.167	-0.241
100	100B100	0.031	0.246	-0.215
100	101B100	-0.046	0.451	-0.497
100	103B100	-0.094	-0.020	-0.074
100	104B100	-1.618	-1.464	-0.154
100	062U100	-0.245	0.053	-0.298
100	064U100	0.441	0.906	-0.466
100	065U100	0.521	1.123	-0.602
100	066U100	-0.033	0.488	-0.521
100	068U100	-0.487	-0.105	-0.381
	Max	0.772	1.489	0.286
	Average	-0.122	-0.052	-0.070
	Min	-1.618	-1.676	-0.879
	Std Dev	0.544	0.598	0.203



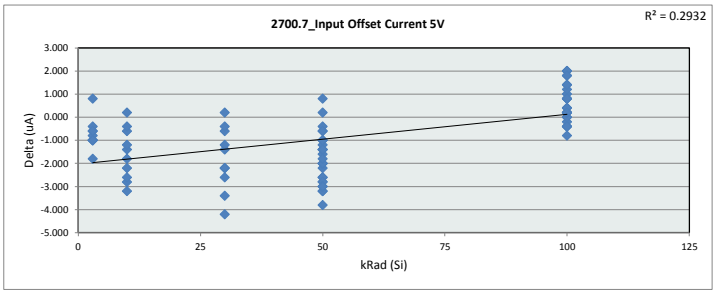
	2700.6__Input Offset Voltage				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	4.85	mV			
Min Limit	-4.85	mV			
kRad (Si)	3	10	30	50	100
LL	-4.850	-4.850	-4.850	-4.850	-4.850
Min	-1.463	-1.346	-1.235	-1.676	-1.464
Average	-0.072	0.010	0.099	-0.265	0.088
Max	0.717	0.663	0.795	0.875	1.489
UL	4.850	4.850	4.850	4.850	4.850



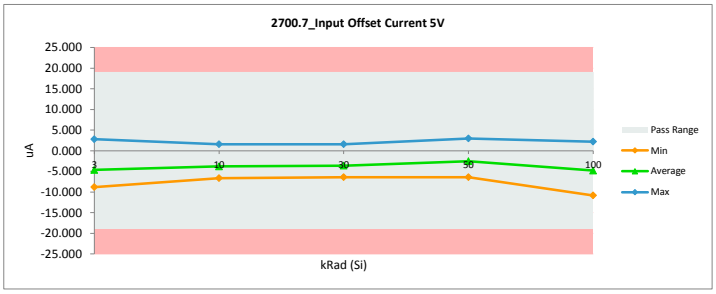
TID Report
LMH5401-SP LDR

	2700.7_Input Offset Current 5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	uA	uA
Max Limit	19	19
Min Limit	-19	-19

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-9.812	-8.811	-1.001
3	055B3	-3.404	-2.403	-1.001
3	056B3	-6.208	-5.607	-0.601
3	060B3	-9.011	-8.010	-1.001
3	061B3	1.001	2.804	-1.803
3	062U3	-2.604	-2.202	-0.402
3	064U3	-8.010	-7.209	-0.801
3	065U3	-7.609	-8.411	0.802
3	066U3	-5.807	-4.806	-1.001
3	068U3	-2.603	-2.003	-0.600
10	054B10	-9.812	-6.608	-3.204
10	055B10	-3.404	-2.003	-1.401
10	056B10	-6.208	-5.006	-1.202
10	060B10	-9.011	-6.207	-2.804
10	061B10	1.001	1.602	-0.601
10	062U10	-2.604	-2.203	-0.401
10	064U10	-8.010	-5.406	-2.604
10	065U10	-7.609	-5.407	-2.202
10	066U10	-5.807	-4.005	-1.802
10	068U10	-2.603	-2.804	0.201
30	054B30	-9.812	-6.408	-3.404
30	055B30	-3.404	-2.002	-1.402
30	056B30	-6.208	-4.005	-2.203
30	060B30	-9.011	-4.806	-4.205
30	061B30	1.001	1.602	-0.601
30	062U30	-2.604	-2.804	0.200
30	064U30	-8.010	-5.407	-2.603
30	065U30	-7.609	-6.408	-1.201
30	066U30	-5.807	-3.605	-2.202
30	068U30	-2.603	-2.203	-0.400
50	069B50	-3.805	-2.803	-1.002
50	070B50	-2.603	-2.002	-0.601
50	071B50	-5.207	-2.003	-3.204
50	072B50	-1.802	0.200	-2.002
50	073B50	-5.206	-2.603	-2.603
50	074B50	0.801	2.203	-1.402
50	075B50	-3.805	-2.203	-1.602
50	076B50	-1.202	-2.002	0.800
50	077B50	-7.209	-5.006	-2.203
50	078B50	-5.006	-1.803	-3.203
50	079B50	-5.407	-4.005	-1.402
50	080B50	-2.202	0.600	-2.802
50	083B50	-9.012	-6.408	-2.604
50	084B50	-6.007	-3.204	-2.803
50	085B50	-5.207	-3.204	-2.003
50	089B50	-9.411	-6.408	-3.003
50	095B50	-2.403	-1.201	-1.202
50	096B50	-2.603	-1.602	-1.001
50	100B50	-6.608	-6.208	-0.400
50	101B50	-4.005	-4.206	0.201
50	103B50	-3.004	-1.602	-1.402
50	104B50	2.403	3.003	-0.600
50	062U50	-2.604	-1.602	-1.002
50	064U50	-8.010	-4.206	-3.804
50	065U50	-7.609	-5.607	-2.002
50	066U50	-5.807	-4.005	-1.802
50	068U50	-2.603	0.401	-3.004
100	069B100	-3.805	-4.606	0.801
100	070B100	-2.603	-3.604	1.001
100	071B100	-5.207	-4.806	-0.401
100	072B100	-1.802	-1.802	0.000
100	073B100	-5.206	-5.407	0.201
100	074B100	0.801	0.601	0.200
100	075B100	-3.805	-4.606	0.801
100	076B100	-1.202	-3.204	2.002
100	077B100	-7.209	-9.012	1.803
100	078B100	-5.006	-4.205	-0.801
100	079B100	-5.407	-5.807	0.400
100	080B100	-2.202	-1.802	-0.400
100	083B100	-9.012	-9.212	0.200
100	084B100	-6.007	-5.808	-0.199
100	085B100	-5.207	-5.207	0.000
100	089B100	-9.411	-10.814	1.403
100	095B100	-2.403	-3.204	0.801
100	096B100	-2.603	-2.803	0.200
100	100B100	-6.608	-7.810	1.202
100	101B100	-4.005	-4.406	0.401
100	103B100	-3.004	-2.603	-0.401
100	104B100	2.403	2.203	0.200
100	062U100	-2.604	-4.606	2.002
100	064U100	-8.010	-7.609	-0.401
100	065U100	-7.609	-9.411	1.802
100	066U100	-5.807	-6.608	0.801
100	068U100	-2.603	-4.005	1.402
	Max	2.403	3.003	2.002
	Average	-4.672	-3.790	-0.882
	Min	-9.812	-10.814	-4.205
	Std Dev	3.009	2.903	1.444

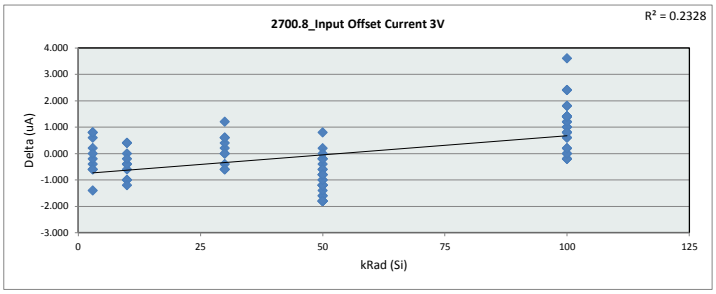


	2700.7_Input Offset Current 5				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	19	uA			
Min Limit	-19	uA			
kRad (Si)	3	10	30	50	100
LL	-19.000	-19.000	-19.000	-19.000	-19.000
Min	-8.811	-6.608	-6.408	-6.408	-10.814
Average	-4.666	-3.805	-3.605	-2.499	-4.821
Max	2.804	1.602	1.602	3.003	2.203
UL	19.000	19.000	19.000	19.000	19.000

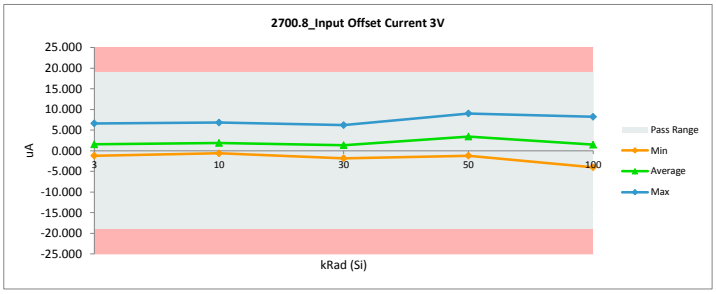


TID Report
LMH5401-SP LDR

	2700.8_Input Offset Current 3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	uA	uA	
Max Limit	19	19	
Min Limit	-19	-19	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	-1.602	-1.202	-0.400
3	055B3	2.803	3.404	-0.601
3	056B3	1.002	0.401	0.601
3	060B3	-0.601	-0.401	-0.200
3	061B3	6.809	6.608	0.201
3	062U3	2.203	2.803	-0.600
3	064U3	0.200	-0.601	0.801
3	065U3	-1.001	0.400	-1.401
3	066U3	0.801	0.801	0.000
3	068U3	4.205	3.404	0.801
10	054B10	-1.602	-0.601	-1.001
10	055B10	2.803	3.204	-0.401
10	056B10	1.002	0.600	0.402
10	060B10	-0.601	0.401	-1.002
10	061B10	6.809	6.809	0.000
10	062U10	2.203	2.804	-0.601
10	064U10	0.200	0.601	-0.401
10	065U10	-1.001	0.200	-1.201
10	066U10	0.801	1.001	-0.200
10	068U10	4.205	3.805	0.400
30	054B30	-1.602	-1.803	0.201
30	055B30	2.803	2.803	0.000
30	056B30	1.002	-0.201	1.203
30	060B30	-0.601	0.000	-0.601
30	061B30	6.809	6.207	0.602
30	062U30	2.203	2.603	-0.400
30	064U30	0.200	-0.200	0.400
30	065U30	-1.001	-0.400	-0.601
30	066U30	0.801	0.801	0.000
30	068U30	4.205	3.604	0.601
50	069B50	3.604	3.805	-0.201
50	070B50	4.205	4.606	-0.401
50	071B50	3.204	4.806	-1.602
50	072B50	3.805	5.407	-1.602
50	073B50	1.402	3.204	-1.802
50	074B50	6.008	7.209	-1.201
50	075B50	2.603	3.805	-1.202
50	076B50	4.005	5.407	-1.402
50	077B50	1.402	2.003	-0.601
50	078B50	2.604	3.805	-1.201
50	079B50	1.802	1.602	0.200
50	080B50	5.207	6.208	-1.001
50	083B50	-1.802	-0.601	-1.201
50	084B50	1.401	3.204	-1.803
50	085B50	1.402	2.603	-1.201
50	089B50	-0.401	-1.201	0.800
50	095B50	3.204	3.404	-0.200
50	096B50	3.604	4.606	-1.002
50	100B50	1.202	2.002	-0.800
50	101B50	2.002	2.202	-0.200
50	103B50	2.603	4.405	-1.802
50	104B50	8.411	9.012	-0.601
50	062U50	2.203	4.005	-1.802
50	064U50	0.200	1.001	-0.801
50	065U50	-1.001	0.801	-1.802
50	066U50	0.801	1.602	-0.801
50	068U50	4.205	4.205	0.000
100	069B100	3.604	2.203	1.401
100	070B100	4.205	3.004	1.201
100	071B100	3.204	2.403	0.801
100	072B100	3.805	4.005	-0.200
100	073B100	1.402	1.602	-0.200
100	074B100	6.008	5.006	1.002
100	075B100	2.603	2.403	0.200
100	076B100	4.005	2.603	1.402
100	077B100	1.402	-0.400	1.802
100	078B100	2.604	2.002	0.602
100	079B100	1.802	0.400	1.402
100	080B100	5.207	4.406	0.801
100	083B100	-1.802	-2.803	1.001
100	084B100	1.401	1.602	-0.201
100	085B100	1.402	1.402	0.000
100	089B100	-0.401	-4.005	3.604
100	095B100	3.204	2.002	1.202
100	096B100	3.604	3.004	0.600
100	100B100	1.202	-0.200	1.402
100	101B100	2.002	0.600	1.402
100	103B100	2.603	2.603	0.000
100	104B100	8.411	8.211	0.200
100	062U100	2.203	1.401	0.802
100	064U100	0.200	-2.203	2.403
100	065U100	-1.001	-2.403	1.402
100	066U100	0.801	-1.602	2.403
100	068U100	4.205	2.403	1.802
	Max	8.411	9.012	3.604
	Average	2.146	2.150	-0.005
	Min	-1.802	-4.005	-1.803
	Std Dev	2.320	2.527	1.092



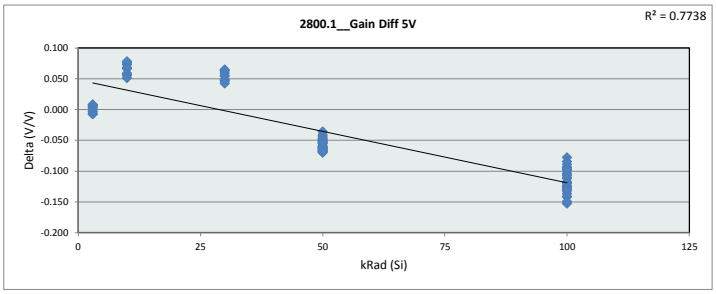
	2700.8_Input Offset Current 3				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	19	uA			
Min Limit	-19	uA			
kRad (Si)	3	10	30	50	100
LL	-19.000	-19.000	-19.000	-19.000	-19.000
Min	-1.202	-0.601	-1.803	-1.201	-4.005
Average	1.562	1.882	1.341	3.449	1.468
Max	6.608	6.809	6.207	9.012	8.211
UL	19.000	19.000	19.000	19.000	19.000



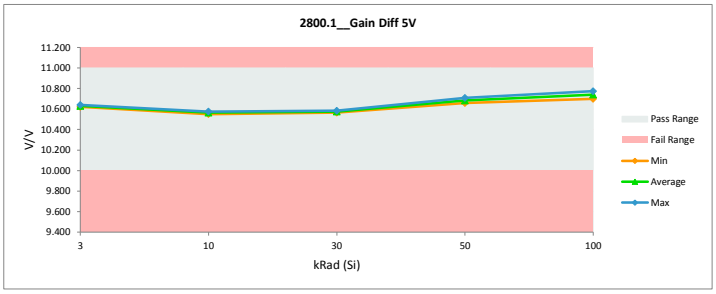
TID Report
LMH5401-SP LDR

	2800.1__Gain Diff 5V	
Test Site	Dallas	Dallas
Tester	ETS364	ETS364
Test Number	EF868301	EF868301
Unit	V/V	V/V
Max Limit	11	11
Min Limit	10	10

kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	10.639	10.632	0.007
3	055B3	10.623	10.626	-0.003
3	056B3	10.623	10.620	0.004
3	060B3	10.646	10.638	0.008
3	061B3	10.626	10.622	0.004
3	062U3	10.627	10.632	-0.004
3	064U3	10.636	10.628	0.008
3	065U3	10.633	10.632	0.001
3	066U3	10.631	10.638	-0.007
3	068U3	10.613	10.621	-0.008
10	054B10	10.639	10.565	0.073
10	055B10	10.623	10.564	0.059
10	056B10	10.623	10.550	0.073
10	060B10	10.646	10.569	0.077
10	061B10	10.626	10.560	0.066
10	062U10	10.627	10.571	0.056
10	064U10	10.636	10.558	0.078
10	065U10	10.633	10.565	0.068
10	066U10	10.631	10.575	0.056
10	068U10	10.613	10.562	0.051
30	054B30	10.639	10.576	0.063
30	055B30	10.623	10.577	0.046
30	056B30	10.623	10.564	0.059
30	060B30	10.646	10.582	0.063
30	061B30	10.626	10.572	0.054
30	062U30	10.627	10.580	0.047
30	064U30	10.636	10.571	0.065
30	065U30	10.633	10.578	0.055
30	066U30	10.631	10.582	0.049
30	068U30	10.613	10.571	0.042
50	069B50	10.619	10.681	-0.062
50	070B50	10.625	10.692	-0.067
50	071B50	10.620	10.679	-0.059
50	072B50	10.627	10.689	-0.062
50	073B50	10.637	10.681	-0.043
50	074B50	10.619	10.681	-0.061
50	075B50	10.632	10.682	-0.050
50	076B50	10.619	10.686	-0.067
50	077B50	10.618	10.665	-0.047
50	078B50	10.628	10.694	-0.066
50	079B50	10.635	10.690	-0.055
50	080B50	10.641	10.691	-0.051
50	083B50	10.614	10.665	-0.052
50	084B50	10.624	10.674	-0.050
50	085B50	10.625	10.687	-0.062
50	089B50	10.621	10.662	-0.041
50	095B50	10.632	10.697	-0.065
50	096B50	10.606	10.676	-0.070
50	100B50	10.605	10.657	-0.053
50	101B50	10.653	10.707	-0.054
50	103B50	10.617	10.686	-0.069
50	104B50	10.618	10.681	-0.063
50	062U50	10.627	10.688	-0.060
50	064U50	10.636	10.672	-0.036
50	065U50	10.633	10.680	-0.047
50	066U50	10.631	10.699	-0.068
50	068U50	10.613	10.668	-0.055
100	069B100	10.619	10.723	-0.104
100	070B100	10.625	10.746	-0.121
100	071B100	10.620	10.745	-0.124
100	072B100	10.627	10.754	-0.127
100	073B100	10.637	10.727	-0.089
100	074B100	10.619	10.756	-0.137
100	075B100	10.632	10.736	-0.104
100	076B100	10.619	10.751	-0.132
100	077B100	10.618	10.712	-0.094
100	078B100	10.628	10.746	-0.118
100	079B100	10.635	10.747	-0.112
100	080B100	10.641	10.735	-0.094
100	083B100	10.614	10.708	-0.095
100	084B100	10.624	10.723	-0.099
100	085B100	10.625	10.751	-0.126
100	089B100	10.621	10.698	-0.078
100	095B100	10.632	10.762	-0.130
100	096B100	10.606	10.759	-0.153
100	100B100	10.605	10.712	-0.107
100	101B100	10.653	10.763	-0.110
100	103B100	10.617	10.748	-0.131
100	104B100	10.618	10.737	-0.119
100	062U100	10.627	10.769	-0.142
100	064U100	10.636	10.720	-0.085
100	065U100	10.633	10.730	-0.097
100	066U100	10.631	10.772	-0.141
100	068U100	10.613	10.762	-0.149
	Max	10.653	10.772	0.078
	Average	10.627	10.668	-0.041
	Min	10.605	10.550	-0.153
	Std Dev	0.010	0.067	0.069

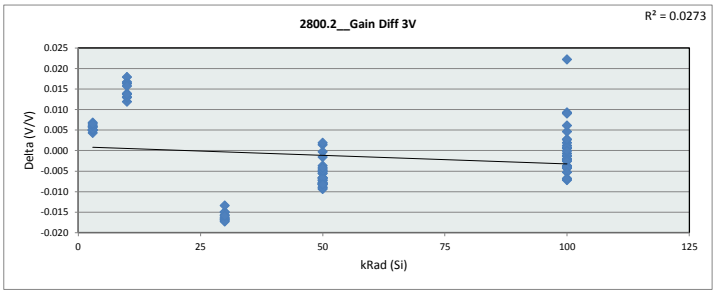


	2800.1__Gain Diff 5V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	11	V/V			
Min Limit	10	V/V			
kRad (Si)	3	10	30	50	100
LL	10.000	10.000	10.000	10.000	10.000
Min	10.620	10.550	10.564	10.657	10.698
Average	10.629	10.564	10.575	10.682	10.740
Max	10.638	10.575	10.582	10.707	10.772
UL	11.000	11.000	11.000	11.000	11.000

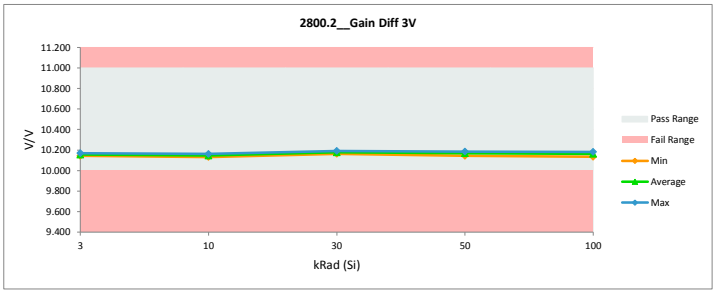


TID Report
LMH5401-SP LDR

	2800.2__Gain Diff 3V		
Test Site	Dallas	Dallas	
Tester	ETS364	ETS364	
Test Number	EF868301	EF868301	
Unit	V/V	V/V	
Max Limit	11	11	
Min Limit	10	10	
kRad (Si)	Serial #	PreRad	PostRad	Delta
3	054B3	10.151	10.145	0.006
3	055B3	10.175	10.170	0.005
3	056B3	10.154	10.149	0.005
3	060B3	10.154	10.148	0.006
3	061B3	10.166	10.161	0.004
3	062U3	10.175	10.170	0.005
3	064U3	10.149	10.144	0.005
3	065U3	10.150	10.144	0.006
3	066U3	10.167	10.161	0.007
3	068U3	10.175	10.168	0.007
10	054B10	10.151	10.137	0.014
10	055B10	10.175	10.163	0.012
10	056B10	10.154	10.140	0.014
10	060B10	10.154	10.141	0.013
10	061B10	10.166	10.153	0.013
10	062U10	10.175	10.161	0.014
10	064U10	10.149	10.132	0.017
10	065U10	10.150	10.132	0.018
10	066U10	10.167	10.151	0.016
10	068U10	10.175	10.159	0.016
30	054B30	10.151	10.166	-0.016
30	055B30	10.175	10.192	-0.017
30	056B30	10.154	10.170	-0.017
30	060B30	10.154	10.170	-0.016
30	061B30	10.166	10.182	-0.017
30	062U30	10.175	10.192	-0.017
30	064U30	10.149	10.164	-0.015
30	065U30	10.150	10.165	-0.015
30	066U30	10.167	10.181	-0.013
30	068U30	10.175	10.191	-0.016
50	069B50	10.166	10.172	-0.006
50	070B50	10.173	10.179	-0.007
50	071B50	10.160	10.167	-0.007
50	072B50	10.176	10.184	-0.009
50	073B50	10.154	10.162	-0.007
50	074B50	10.172	10.180	-0.008
50	075B50	10.158	10.165	-0.008
50	076B50	10.175	10.183	-0.008
50	077B50	10.157	10.166	-0.009
50	078B50	10.164	10.168	-0.004
50	079B50	10.169	10.177	-0.008
50	080B50	10.155	10.161	-0.005
50	083B50	10.154	10.159	-0.005
50	084B50	10.157	10.165	-0.008
50	085B50	10.169	10.177	-0.008
50	089B50	10.144	10.144	0.000
50	095B50	10.172	10.180	-0.007
50	096B50	10.178	10.185	-0.007
50	100B50	10.165	10.174	-0.009
50	101B50	10.156	10.154	0.001
50	103B50	10.178	10.185	-0.007
50	104B50	10.173	10.181	-0.008
50	062U50	10.175	10.179	-0.005
50	064U50	10.149	10.154	-0.005
50	065U50	10.150	10.151	-0.002
50	066U50	10.167	10.165	0.002
50	068U50	10.175	10.179	-0.004
100	069B100	10.166	10.164	0.002
100	070B100	10.173	10.170	0.003
100	071B100	10.160	10.162	-0.002
100	072B100	10.176	10.178	-0.002
100	073B100	10.154	10.156	-0.001
100	074B100	10.172	10.176	-0.004
100	075B100	10.158	10.158	-0.001
100	076B100	10.175	10.179	-0.004
100	077B100	10.157	10.164	-0.007
100	078B100	10.164	10.160	0.005
100	079B100	10.169	10.172	-0.004
100	080B100	10.155	10.156	-0.001
100	083B100	10.154	10.148	0.006
100	084B100	10.157	10.159	-0.002
100	085B100	10.169	10.167	0.001
100	089B100	10.144	10.134	0.009
100	095B100	10.172	10.172	0.001
100	096B100	10.178	10.178	0.001
100	100B100	10.165	10.172	-0.007
100	101B100	10.156	10.134	0.022
100	103B100	10.178	10.178	0.000
100	104B100	10.173	10.176	-0.003
100	062U100	10.175	10.179	-0.004
100	064U100	10.149	10.154	-0.005
100	065U100	10.150	10.147	0.003
100	066U100	10.167	10.158	0.009
100	068U100	10.175	10.182	-0.007
	Max	10.178	10.192	0.022
	Average	10.163	10.165	-0.001
	Min	10.144	10.132	-0.017
	Std Dev	0.010	0.015	0.009



	2800.2__Gain Diff 3V				
Test Site	Dallas				
Tester	ETS364				
Test Number	EF868301				
Max Limit	11	V/V			
Min Limit	10	V/V			
kRad (Si)	3	10	30	50	100
LL	10.000	10.000	10.000	10.000	10.000
Min	10.144	10.132	10.164	10.144	10.134
Average	10.156	10.147	10.177	10.170	10.164
Max	10.170	10.163	10.192	10.185	10.182
UL	11.000	11.000	11.000	11.000	11.000



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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265