



ABSTRACT

This report covers the radiation characterization results of the SN54SC1G125-SEP, Single Bus Buffer Gate with 3-State Output. The study was done to determine total ionizing dose (TID) effects under high dose rate (HDR) up to 50krad(Si) as a one-time characterization. The results show that all samples passed within the specified limits up to 30krad(Si) with effective dose of 115.74mrad(Si)/s (with 72 hour room temperature anneal). Radiation lot acceptance testing (RLAT) is performed using five units at a dose level of 30krad(Si) for future wafer lots per MIL-STD-883 TM 1019. All future wafer lots are tested under the same conditions. The device is manufactured in pure CMOS process. HDR TID response is the worst case. TID HDR characterization was performed per TM 1019.

The SN54SC1G125-SEP is packaged in a space-enhanced plastic package for low outgassing characteristics and is single event latch-up (SEL) immune up to 47MeV-cm²/mg, which makes the device an option for low Earth orbit space applications. Single event transient (SET) data is also provided in the Single Event Effects Radiation Report.

Table of Contents

1 Device Information	2
1.1 Device Details.....	2
2 Total Dose Test Setup	3
2.1 Test Overview.....	3
2.2 Test Description and Facilities.....	3
2.3 Test Setup Details.....	3
2.4 Test Configuration and Condition.....	4
3 TID Characterization Test Results	5
3.1 TID Characterization Summary Results.....	5
3.2 Specification Compliance Matrix.....	6
4 Reference Documents	7
5 Appendix: HDR TID Report Data	7

List of Figures

Figure 2-1. SN54SC1G125-SEP Bias Diagram.....	3
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List of Tables

Table 1-1. Device and Exposure Details.....	2
Table 2-1. HDR Device Information.....	4
Table 3-1. SN54SC1G125-SEP Electrical Parameters Table.....	6

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1 Device Information

The SN54SC1G125-SEP is a single line driver with a 3-state output. The output is disabled when the output-enable (\overline{OE}) input pin is at a logic high level. When (\overline{OE}) is at a logic low level, true data is passed from the A input to the Y output.

1.1 Device Details

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

Table 1-1. Device and Exposure Details

TID HDR Details: Up To 50krad(Si)	
TI Device Number	SN54SC1G125-SEP
VID Number	V62/26602-01XE
Package	5-pin DBV (SOT-23)
Technology	LBC9
Die Lot Number	4340637RFB
A/T Lot Number and Date Code	5055841WCW/ 52A612W
Quantity Tested	20 irradiated devices + 5 control
Lot Accept or Reject	Devices passed 30krad(Si)
HDR Radiation Facility	Texas Instruments CLAB in Dallas, Texas
HDR Dose Level	10krad(Si), 20krad(Si), 30krad(Si), 50krad(Si)
HDR Dose Rate	164.59rad(Si)/s ionizing radiation
Effective Dose Rate 30krad(Si) with 72 hour Anneal	115.74mrad(Si)/s ionizing radiation
HDR Radiation Source	Gammacell 220 Excel (GC-220E) Co-60
Irradiation Temperature	Ambient, room temperature

2 Total Dose Test Setup

2.1 Test Overview

The SN54SC1G125-SEP samples were irradiated at a high dose rate of 164.59 rad(Si)/s up to 50krad(Si) (115.74mrad(Si)/s effective dose rate for 30krad(Si) with 72 hour anneal) and then put through full electrical parametric testing on the production automated test equipment (ATE). The samples were functional and passed all electrical parametric tests with readings within data sheet electrical specification limits.

2.2 Test Description and Facilities

The SN54SC1G125-SEP HDR exposure was performed on biased devices in a Co-60 gamma cell at TI facility in Dallas, Texas. The un-attenuated dose rate of this cell is 164.59rads(Si)/s (115.74mrad(Si)/s effective dose rate of 30krad(Si) with 72 hour anneal). After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and full post radiation electrical evaluation using Texas Instruments ATE was conducted. ATE test limits are set per data sheet electrical limits based on qualification and characterization data. Post radiation measurements were taken within 30 minutes of removing the devices from the dry ice container. The devices were allowed to reach room temperature prior to electrical post radiation measurements.

2.3 Test Setup Details

The devices were tested in biased conditions as described in the following sections.

2.3.1 Bias Diagram

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

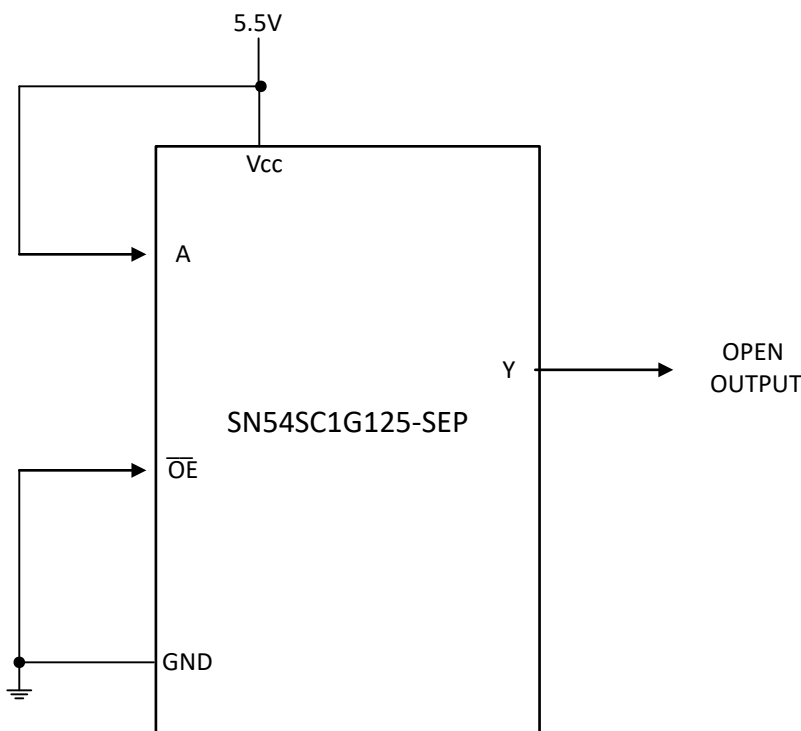


Figure 2-1. SN54SC1G125-SEP Bias Diagram

2.4 Test Configuration and Condition

A step stress (10k, 20k, 30k and 50k) test method was used to determine the TID hardness level. After a predetermined TID level was reached, an electrical test was performed on a given sample of parts to verify that the units are within specified data sheet electrical test limits. The HDR RLAT units were irradiated to 30krad(Si), parametrically tested on ATE, and then annealed at 25°C for 72 hours. The units that were irradiated to 30krad(Si) and annealed for 72 hours are denoted as 31krad(Si) in [Section 5](#). ATE parametric testing was completed before and after the anneal.

[Table 2-1](#) lists the serialized samples used for TID characterization.

Table 2-1. HDR Device Information

Control Group	HDR Dose Rate = 169.27rad(Si)/s				
Total Samples: 5	Total Samples: 25 Biased				
	Exposure Levels				
0krad(Si)	10krad(Si)	20krad(Si)	30krad(Si)		50krad(Si)
Biased	Biased	Biased	Biased	Biased + 72 hour anneal	Biased
1 - 5	6 - 10	11 - 15	16 - 20	16a - 20a	21 - 25

3 TID Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the SN54SC1G125-SEP passes up to 30krad(Si) with effective dose of 115.74mrad(Si)/s (with 72 hour room temperature anneal) HDR TID irradiation. The drifts of the electrical parameters through HDR were within the datasheet limits.

Overall, the SN54SC1G125-SEP showed a strong degree of hardness to HDR TID irradiation up to 30krad(Si). The measurements taken post-irradiation for each sample set showed a marginal shift for most parameters at each dose level. The parameters that did show a greater degree of change between pre-irradiation and post-irradiation were still within the electrical performance characteristics specified in the datasheet electrical parameters. For the datasheet electrical parameters and associated tests, see [SN54SC1G125-SEP Radiation Tolerant, Single Bus Buffer Gate with 3-State Output](#).

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

3.2 Specification Compliance Matrix

Table 3-1. SN54SC1G125-SEP Electrical Parameters Table

Parameter	Test Conditions	VCC	T _A = -55°C to +125°C			Unit	Test Name
			MIN	TYP	MAX		
V _{IH}	High-level input voltage	1.1V	0.75			V	VIH_1P1V
		1.32V	0.78				VIH_1P32V
		1.5V	0.975				VIH_1P5V
		1.65V	1.075				VIH_1P65V
		1.95V	1.2675				VIH_1P95V
		2.3V	1.7				VIH_2P3V
		2.7V	1.7				VIH_2P7V
		3.0V	2				VIH_3V
		3.6V	2				VIH_3P6V
		4.5V	3.15				VIH_4P5V
	5.5V	3.85			VIH_5P5V		
V _{IL}	Low-level input voltage	1.1V			0.30	V	VIL_1P1V
		1.32V			0.42		VIL_1P32V
		1.5V			0.525		VIL_1P5V
		1.65V			0.5775		VIL_1P65V
		1.95V			0.6825		VIL_1P95V
		2.3V			0.7		VIL_2P3V
		2.7V			0.7		VIL_2P7V
		3.0V			0.8		VIL_3V
		3.6V			0.8		VIL_3P6V
		4.5V			1.35		VIL_4P5V
	5.5V			1.65	VIL_5P5V		
V _{OH}	I _{OH} = -100μA	1.1V to 5.5V	V _{CC} - 0.1			V	VOH_N100UA_1P1V
	I _{OH} = -4mA	1.65V	1.2				VOH_N4MA_1P65V
	I _{OH} = -8mA	2.3V	1.9				VOH_N8MA_2P3V
	I _{OH} = -12mA	2.7V	2.2				VOH_N12MA_2P7V
	I _{OH} = -16mA	3V	2.4				VOH_N16MA_3V
	I _{OH} = -24mA	3V	2.3				VOH_N24MA_3V
	I _{OH} = -32mA	4.5V	3.8				VOH_N32MA_4P5V
V _{OL}	I _{OL} = 100μA	1.1V to 5.5V			0.15	V	VOL_100UA_1P1V
	I _{OL} = 4mA	1.65V			0.45		VOL_4MA_1P65V
	I _{OL} = 8mA	2.3V			0.3		VOL_8MA_2P3V
	I _{OL} = 12mA	2.7V			0.4		VOL_12MA_2P7V
	I _{OL} = 16mA	3V			0.4		VOL_16MA_3V
	I _{OL} = 24mA	3V			0.55		VOL_24MA_3V
	I _{OL} = 32mA	4.5V			0.55		VOL_32MA_4P5V
ΔI _{CC}	One input at V _{CC} - 0.6V, other inputs at V _{CC} or GND	3.0V to 5.5V			500	μA	DELTAICC_3P0V
I _{CC}	V _I = V _{CC} or GND, I _O = 0	V _{CC} = 1.1V to 5.5V		1	10	μA	ICC
I _I	V _I = V _{CC} or GND	V _{CC} = 0V to 5.5V		±1	±5	μA	II
I _{off}	V _I or V _O = V _{CC}	V _{CC} = 0V		±1	±10	μA	IOFF_0V

4 Reference Documents

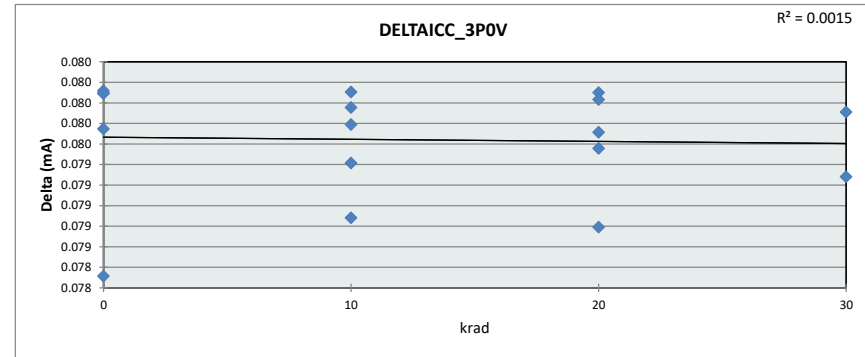
Texas Instruments' total ionizing dose radiation (total dose) test procedure follows the standards put forth in MIL-STD-883 TM 1019. The document can be found at the DLA website.

5 Appendix: HDR TID Report Data

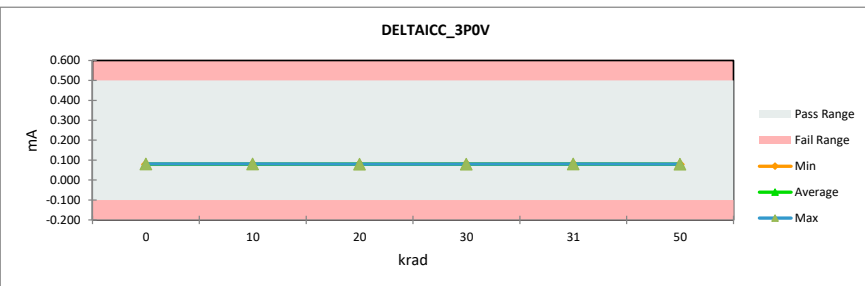
This appendix provides the SN54SC1G125-SEP TID HDR report. The report shows the variation for each parameter up to 50krad(Si).

TID Report SN54SC1G125-SEP

DELTAICC_3POV						
Units	mA					
Max Limit	0.5					
Min Limit	-0.1					
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.000	0.079	0.078	18843.70%	13.05%
0	2	0.000	0.080	0.080	20761.75%	13.29%
0	3	0.000	0.080	0.080	20852.88%	13.35%
0	4	0.000	0.081	0.080	18989.83%	13.35%
0	5	0.000	0.080	0.080	20514.75%	13.35%
10	6	0.000	0.080	0.079	17041.63%	13.24%
10	7	0.000	0.080	0.080	18812.94%	13.33%
10	8	0.000	0.081	0.080	18436.25%	13.35%
10	9	0.000	0.079	0.079	19272.10%	13.15%
10	10	0.000	0.080	0.080	21477.39%	13.30%
20	11	0.000	0.081	0.080	19570.17%	13.35%
20	12	0.000	0.080	0.080	19114.23%	13.34%
20	13	0.000	0.079	0.079	19250.11%	13.13%
20	14	0.000	0.080	0.080	18857.10%	13.26%
20	15	0.000	0.080	0.080	19180.56%	13.29%
30	16	0.000	0.080	0.080	19523.75%	13.32%
30	17	0.000	0.080	0.079	18935.11%	13.21%
30	18	0.000	0.080	0.079	18804.95%	13.22%
30	19	0.000	0.080	0.079	20506.92%	13.23%
30	20	0.000	0.080	0.079	17725.99%	13.21%
31	16a	0.000	0.081	0.080	19631.25%	13.39%
31	17a	0.000	0.080	0.080	19114.23%	13.34%
31	18a	0.000	0.080	0.080	18899.76%	13.29%
31	19a	0.000	0.080	0.080	20548.24%	13.26%
31	20a	0.000	0.080	0.080	17808.75%	13.27%
50	21	0.000	0.080	0.080	17566.52%	13.27%
50	22	0.000	0.079	0.079	16728.29%	13.17%
50	23	0.000	0.080	0.080	17207.69%	13.27%
50	24	0.000	0.079	0.079	18118.64%	13.12%
50	25	0.001	0.080	0.080	15950.74%	13.31%
Max	0.001	0.081	0.080	21477.39%	13.39%	
Average	0.000	0.080	0.080	18934.87%	13.27%	
Min	0.000	0.079	0.078	15950.74%	13.05%	
Std Dev	0.000	0.000	0.000	1293.66%	0.08%	

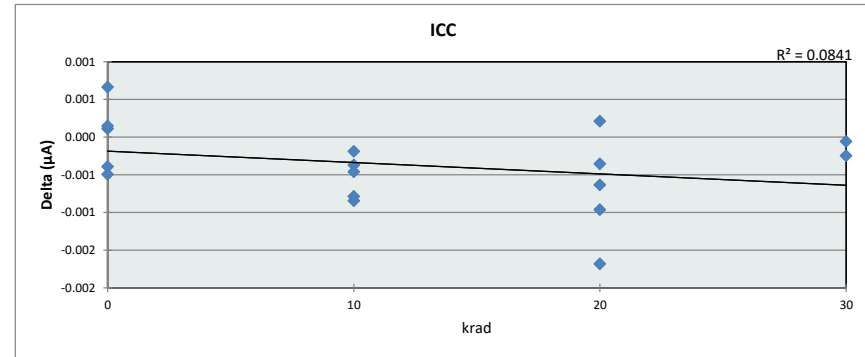


DELTAICC_3POV						
Units	mA					
Max Limit	0.5					
Min Limit	-0.1					
krad	0	10	20	30	31	50
LL	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Min	0.079	0.079	0.079	0.080	0.080	0.079
Average	0.080	0.080	0.080	0.080	0.080	0.080
Max	0.081	0.081	0.081	0.080	0.081	0.080
UL	0.500	0.500	0.500	0.500	0.500	0.500

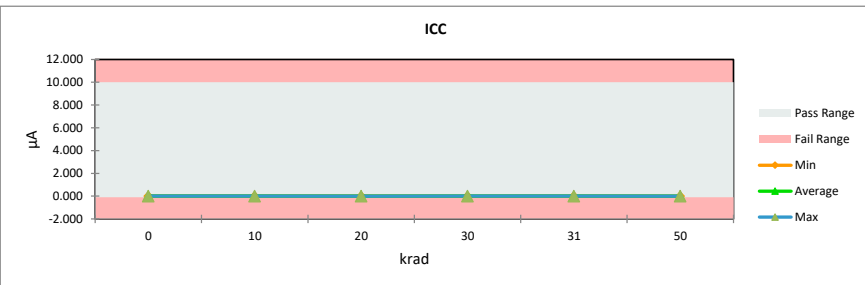


TID Report SN54SC1G125-SEP

		ICC					
Units		μA					
Max Limit		10					
Min Limit		-0.1					
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range	
0	1	0.000	0.000	0.000	35.08%	0.00%	
0	2	0.001	0.000	0.000	-58.19%	0.00%	
0	3	0.001	0.000	0.000	-49.68%	0.00%	
0	4	0.000	0.000	0.001	-273.19%	0.01%	
0	5	0.000	0.000	0.000	58.14%	0.00%	
10	6	0.001	0.000	0.000	-50.98%	0.00%	
10	7	0.001	0.000	0.000	-35.07%	0.00%	
10	8	0.001	0.000	-0.001	-72.41%	0.01%	
10	9	0.001	0.000	0.000	-56.22%	0.00%	
10	10	0.001	0.000	-0.001	-67.54%	0.01%	
20	11	0.001	0.000	-0.001	-64.84%	0.01%	
20	12	0.001	0.000	-0.001	-74.60%	0.01%	
20	13	0.002	0.000	-0.002	-83.70%	0.02%	
20	14	0.000	0.000	0.000	160.59%	0.00%	
20	15	0.001	0.000	0.000	-53.49%	0.00%	
30	16	0.001	0.000	0.000	-45.61%	0.00%	
30	17	0.001	0.000	0.000	-11.20%	0.00%	
30	18	0.001	0.000	0.000	-50.80%	0.00%	
30	19	0.000	0.000	0.000	40.03%	0.00%	
30	20	0.000	0.000	0.000	1.57%	0.00%	
31	16a	0.001	0.000	0.000	-32.16%	0.00%	
31	17a	0.001	0.000	0.000	-37.28%	0.00%	
31	18a	0.001	0.000	0.000	-34.77%	0.00%	
31	19a	0.000	0.000	0.000	22.27%	0.00%	
31	20a	0.000	0.000	0.000	5.51%	0.00%	
50	21	0.000	0.000	0.000	-3.24%	0.00%	
50	22	0.001	0.000	0.000	-42.66%	0.00%	
50	23	0.000	0.000	0.000	29.16%	0.00%	
50	24	0.000	0.000	0.000	6.28%	0.00%	
50	25	0.000	0.000	0.000	205.15%	0.00%	
Max		0.002	0.000	-0.002	205.15%	0.02%	
Average		0.001	0.000	0.000	-21.13%	0.00%	
Min		0.000	0.000	0.001	-273.19%	0.00%	
Std Dev		0.000	0.000	0.000	80.79%	0.00%	

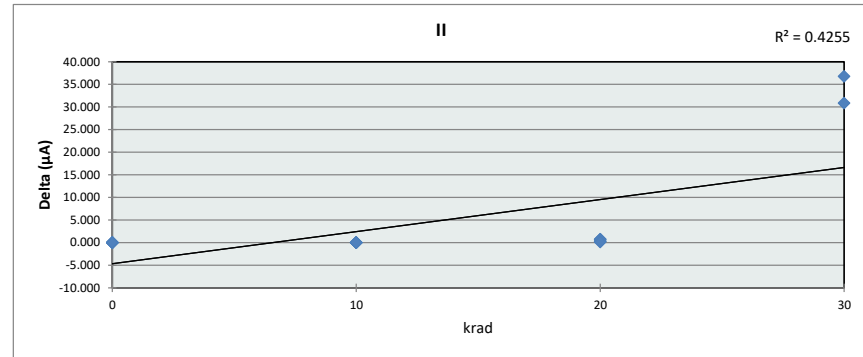


		ICC					
Units		μA					
Max Limit		10					
Min Limit		-0.1					
krad		0	10	20	30	31	50
LL		-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Min		0.000	0.000	0.000	0.000	0.000	0.000
Average		0.000	0.000	0.000	0.000	0.000	0.000
Max		0.000	0.000	0.000	0.000	0.000	0.000
UL		10.000	10.000	10.000	10.000	10.000	10.000

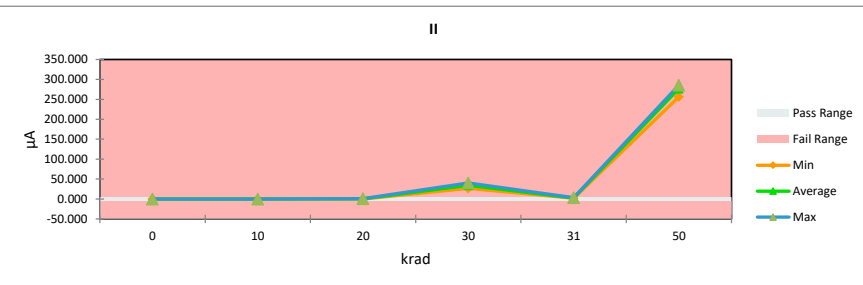


TID Report SN54SC1G125-SEP

		II				
Units		μA				
Max Limit		5				
Min Limit		-5				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.004	0.000	-0.004	-99.63%	0.04%
0	2	0.004	0.001	-0.004	-87.77%	0.04%
0	3	0.004	0.000	-0.004	-89.15%	0.04%
0	4	0.005	0.001	-0.004	-85.85%	0.04%
0	5	0.004	0.000	-0.004	-89.01%	0.04%
10	6	0.005	0.001	-0.004	-81.66%	0.04%
10	7	0.005	0.000	-0.005	-106.62%	0.05%
10	8	0.005	0.000	-0.005	-103.62%	0.05%
10	9	0.005	0.000	-0.005	-100.96%	0.05%
10	10	0.005	0.000	-0.005	-105.57%	0.05%
20	11	0.005	0.328	0.323	6696.68%	3.23%
20	12	0.005	0.331	0.326	6540.55%	3.26%
20	13	0.004	0.693	0.689	16289.87%	6.89%
20	14	0.004	0.746	0.742	19593.85%	7.42%
20	15	0.005	0.129	0.124	2533.29%	1.24%
30	16	0.005	30.860	30.855	635926.38%	308.55%
30	17	0.005	36.770	36.765	743329.03%	367.65%
30	18	0.005	37.820	37.815	821716.60%	378.15%
30	19	0.004	40.190	40.186	962765.36%	401.86%
30	20	0.004	26.870	26.866	612950.42%	268.66%
31	16a	0.005	2.646	2.641	54434.21%	26.41%
31	17a	0.005	2.642	2.637	53316.90%	26.37%
31	18a	0.005	1.933	1.928	41903.48%	19.28%
31	19a	0.004	3.414	3.410	81692.05%	34.10%
31	20a	0.004	2.085	2.081	47470.16%	20.81%
50	21	0.005	275.300	275.295	5637827.50%	2752.95%
50	22	0.005	285.500	285.495	6333085.45%	2854.95%
50	23	0.005	284.500	284.495	6099814.24%	2844.95%
50	24	0.004	282.900	282.896	6454383.23%	2828.96%
50	25	0.005	256.200	256.195	5419828.07%	2561.95%
	Max	0.005	285.500	285.495	6454383.23%	2854.95%
	Average	0.005	52.395	52.391	1135038.25%	523.94%
	Min	0.004	0.000	-0.004	-106.62%	0.04%
	Std Dev	0.000	103.000	103.000	2231723.20%	1029.98%

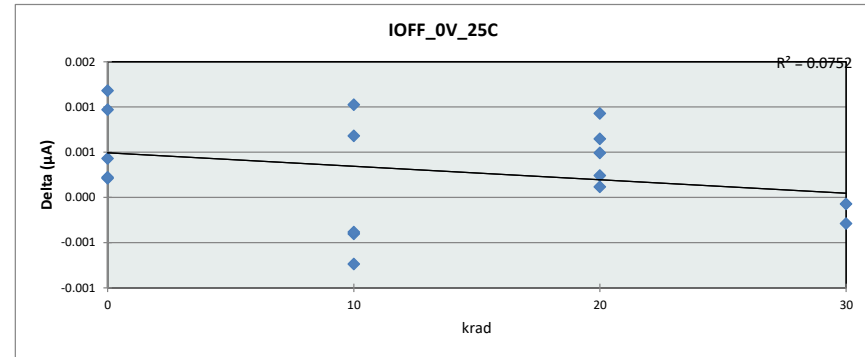


		II					
Units		μA					
Max Limit		5					
Min Limit		-5					
krad		0	10	20	30	31	50
LL		-5.000	-5.000	-5.000	-5.000	-5.000	-5.000
Min		0.000	0.000	0.129	26.870	1.933	256.200
Average		0.000	0.000	0.445	34.502	2.544	276.880
Max		0.001	0.001	0.746	40.190	3.414	285.500
UL		5.000	5.000	5.000	5.000	5.000	5.000

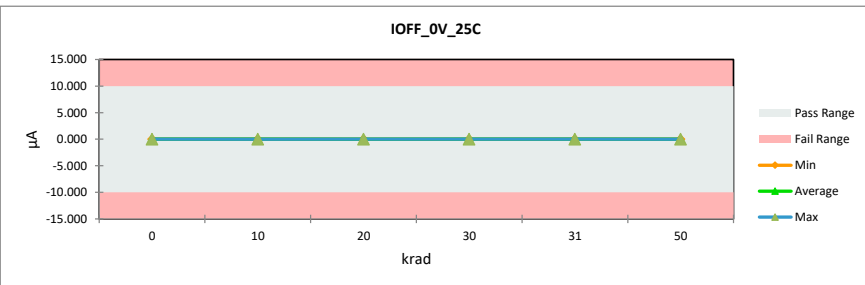


TID Report SN54SC1G125-SEP

		IOFF_0V_25C				
		Units		μA		
		Max Limit		10		
		Min Limit		-10		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.004	0.005	0.001	25.01%	0.00%
0	2	0.004	0.005	0.001	33.25%	0.01%
0	3	0.004	0.005	0.000	4.77%	0.00%
0	4	0.004	0.004	0.000	5.47%	0.00%
0	5	0.004	0.004	0.000	10.96%	0.00%
10	6	0.005	0.004	-0.001	-15.26%	0.00%
10	7	0.004	0.004	0.000	-9.09%	0.00%
10	8	0.004	0.004	0.000	-8.54%	0.00%
10	9	0.004	0.005	0.001	16.79%	0.00%
10	10	0.004	0.005	0.001	25.49%	0.01%
20	11	0.004	0.005	0.000	2.63%	0.00%
20	12	0.004	0.005	0.001	15.88%	0.00%
20	13	0.004	0.005	0.000	11.81%	0.00%
20	14	0.004	0.005	0.001	23.48%	0.00%
20	15	0.004	0.005	0.000	5.39%	0.00%
30	16	0.005	0.005	0.000	-1.55%	0.00%
30	17	0.004	0.004	0.000	-6.72%	0.00%
30	18	0.005	0.004	-0.001	-22.09%	0.01%
30	19	0.004	0.004	0.001	17.08%	0.00%
30	20	0.004	0.005	0.000	6.24%	0.00%
31	16a	0.005	0.005	0.000	9.36%	0.00%
31	17a	0.004	0.005	0.001	16.54%	0.00%
31	18a	0.005	0.004	0.000	-2.88%	0.00%
31	19a	0.004	0.004	0.000	12.95%	0.00%
31	20a	0.004	0.004	-0.001	-16.55%	0.00%
50	21	0.005	0.004	0.000	-6.19%	0.00%
50	22	0.004	0.004	0.000	1.37%	0.00%
50	23	0.004	0.004	0.000	1.10%	0.00%
50	24	0.004	0.004	0.000	2.89%	0.00%
50	25	0.004	0.004	0.000	5.19%	0.00%
	Max	0.005	0.005	0.000	33.25%	0.01%
	Average	0.004	0.004	0.000	5.49%	0.00%
	Min	0.004	0.004	0.000	-22.09%	0.00%
	Std Dev	0.000	0.000	0.000	13.20%	0.00%

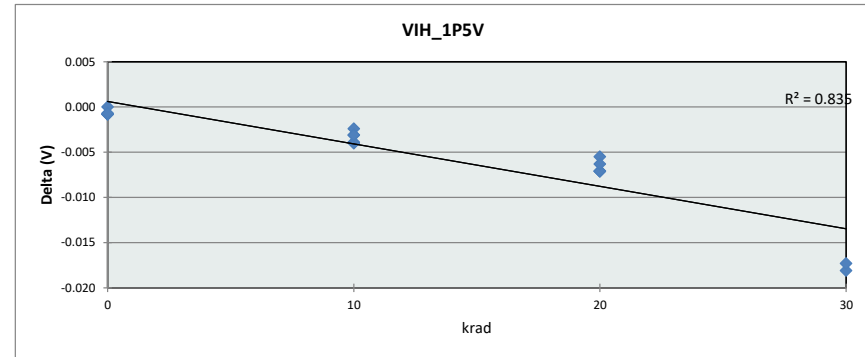


		IOFF_0V_25C					
		Units		μA			
		Max Limit		10			
		Min Limit		-10			
krad		0	10	20	30	31	50
LL		-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min		0.004	0.004	0.005	0.004	0.004	0.004
Average		0.005	0.004	0.005	0.004	0.004	0.004
Max		0.005	0.005	0.005	0.005	0.005	0.004
UL		10.000	10.000	10.000	10.000	10.000	10.000

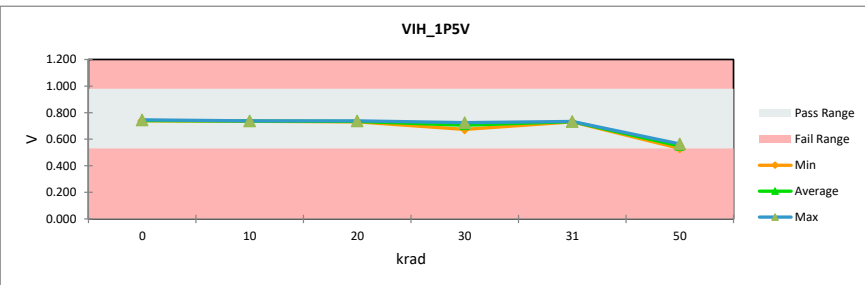


TID Report SN54SC1G125-SEP

		VIH_1P5V				
Units		V				
Max Limit		0.98				
Min Limit		0.53				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.739	0.739	-0.001	-0.11%	0.18%
0	2	0.747	0.746	-0.001	-0.11%	0.18%
0	3	0.739	0.739	-0.001	-0.11%	0.18%
0	4	0.741	0.741	0.000	0.00%	0.00%
0	5	0.740	0.739	-0.001	-0.09%	0.16%
10	6	0.743	0.739	-0.004	-0.53%	0.87%
10	7	0.739	0.735	-0.004	-0.54%	0.89%
10	8	0.738	0.735	-0.002	-0.33%	0.53%
10	9	0.742	0.739	-0.003	-0.42%	0.69%
10	10	0.741	0.738	-0.003	-0.42%	0.69%
20	11	0.742	0.735	-0.007	-0.96%	1.58%
20	12	0.740	0.735	-0.005	-0.74%	1.22%
20	13	0.737	0.730	-0.007	-0.96%	1.58%
20	14	0.746	0.739	-0.007	-0.95%	1.58%
20	15	0.740	0.734	-0.006	-0.85%	1.40%
30	16	0.740	0.722	-0.018	-2.45%	4.02%
30	17	0.743	0.725	-0.017	-2.33%	3.84%
30	18	0.741	0.696	-0.045	-6.06%	9.98%
30	19	0.740	0.674	-0.066	-8.94%	14.71%
30	20	0.742	0.713	-0.029	-3.92%	6.47%
31	16a	0.740	0.730	-0.010	-1.38%	2.27%
31	17a	0.743	0.734	-0.009	-1.17%	1.93%
31	18a	0.741	0.732	-0.009	-1.16%	1.91%
31	19a	0.740	0.731	-0.009	-1.27%	2.09%
31	20a	0.742	0.734	-0.008	-1.07%	1.76%
50	21	0.741	0.550	-0.191	-25.74%	42.38%
50	22	0.743	0.546	-0.197	-26.52%	43.80%
50	23	0.742	0.530	-0.211	-28.49%	46.96%
50	24	0.742	0.553	-0.189	-25.51%	42.04%
50	25	0.739	0.564	-0.175	-23.68%	38.91%
	Max	0.747	0.746	-0.001	0.00%	46.96%
	Average	0.741	0.700	-0.041	-5.56%	9.16%
	Min	0.737	0.530	-0.207	-28.49%	0.00%
	Std Dev	0.002	0.070	0.068	9.50%	15.65%



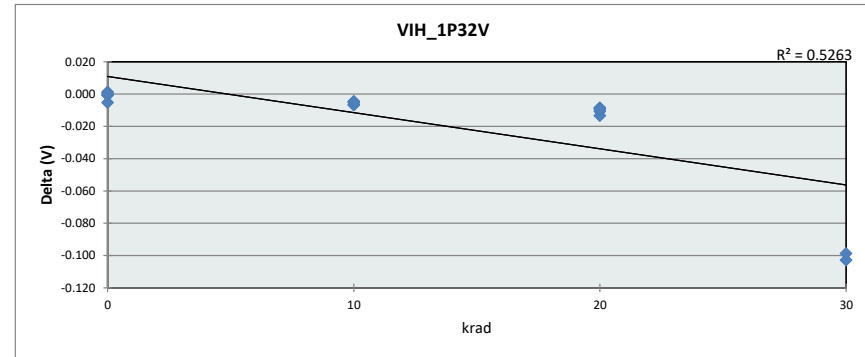
		VIH_1P5V					
Units		V					
Max Limit		0.98					
Min Limit		0.53					
krad		0	10	20	30	31	50
LL		0.530	0.530	0.530	0.530	0.530	0.530
Min		0.739	0.735	0.730	0.674	0.730	0.530
Average		0.741	0.737	0.734	0.706	0.732	0.549
Max		0.746	0.739	0.739	0.725	0.734	0.564
UL		0.980	0.980	0.980	0.980	0.980	0.980



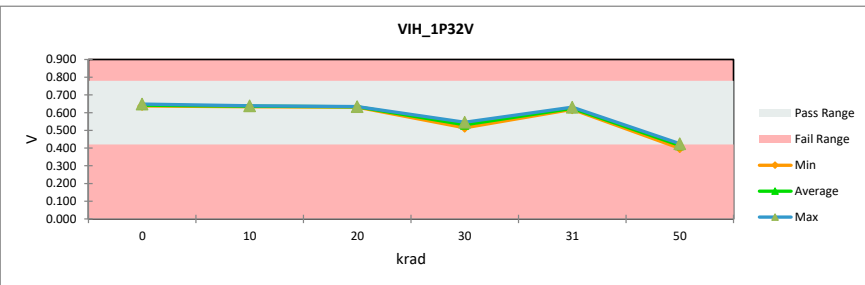
TID Report

SN54SC1G125-SEP

		VIH_1P32V				
Units		V				
Max Limit		0.78				
Min Limit		0.42				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.642	0.641	-0.001	-0.11%	0.19%
0	2	0.647	0.648	0.001	0.20%	0.36%
0	3	0.640	0.640	-0.001	-0.09%	0.17%
0	4	0.643	0.638	-0.005	-0.82%	1.47%
0	5	0.642	0.643	0.001	0.11%	0.19%
10	6	0.644	0.638	-0.005	-0.84%	1.50%
10	7	0.640	0.636	-0.005	-0.72%	1.28%
10	8	0.640	0.633	-0.007	-1.05%	1.86%
10	9	0.643	0.636	-0.007	-1.04%	1.86%
10	10	0.642	0.638	-0.005	-0.72%	1.28%
20	11	0.644	0.633	-0.011	-1.66%	2.97%
20	12	0.642	0.634	-0.009	-1.34%	2.39%
20	13	0.640	0.631	-0.009	-1.36%	2.42%
20	14	0.646	0.633	-0.013	-2.06%	3.69%
20	15	0.642	0.632	-0.009	-1.46%	2.61%
30	16	0.642	0.539	-0.103	-16.02%	28.56%
30	17	0.644	0.546	-0.099	-15.32%	27.42%
30	18	0.644	0.528	-0.116	-18.04%	32.25%
30	19	0.643	0.514	-0.129	-20.02%	35.75%
30	20	0.644	0.528	-0.116	-18.04%	32.25%
31	16a	0.642	0.623	-0.019	-2.91%	5.19%
31	17a	0.644	0.630	-0.014	-2.17%	3.89%
31	18a	0.644	0.628	-0.015	-2.39%	4.28%
31	19a	0.643	0.618	-0.025	-3.84%	6.86%
31	20a	0.644	0.621	-0.023	-3.53%	6.31%
50	21	0.642	0.425	-0.217	-33.79%	60.22%
50	22	0.644	0.420	-0.224	-34.78%	62.25%
50	23	0.643	0.399	-0.244	-37.98%	67.83%
50	24	0.644	0.422	-0.222	-34.41%	61.53%
50	25	0.642	0.409	-0.233	-36.28%	64.67%
Max		0.647	0.648	0.001	0.20%	67.83%
Average		0.643	0.580	-0.063	-9.75%	17.45%
Min		0.640	0.399	-0.241	-37.98%	0.17%
Std Dev		0.002	0.085	0.083	13.19%	23.54%



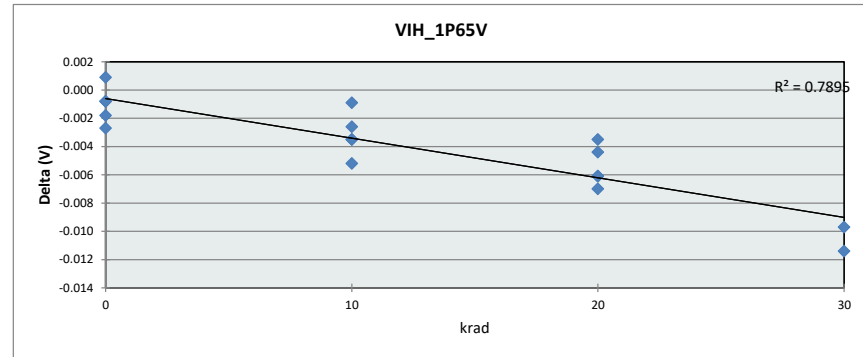
		VIH_1P32V					
Units		V					
Max Limit		0.78					
Min Limit		0.42					
krad		0	10	20	30	31	50
LL		0.420	0.420	0.420	0.420	0.420	0.420
Min		0.638	0.633	0.631	0.514	0.618	0.399
Average		0.642	0.636	0.633	0.531	0.624	0.415
Max		0.648	0.638	0.634	0.546	0.630	0.425
UL		0.780	0.780	0.780	0.780	0.780	0.780



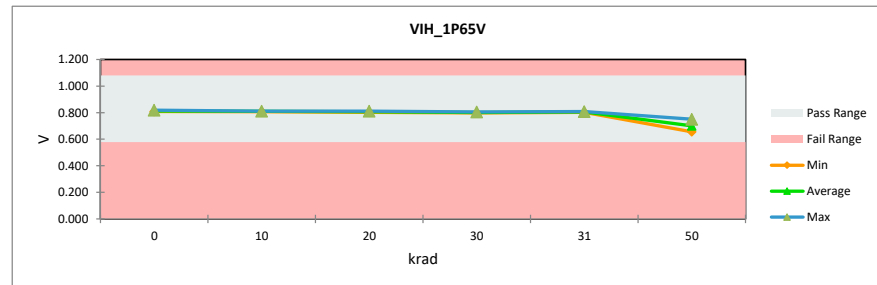
TID Report

SN54SC1G125-SEP

		VIH_1P65V				
Units		V				
Max Limit		1.08				
Min Limit		0.578				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.811	0.809	-0.003	-0.33%	0.54%
0	2	0.818	0.818	0.001	0.11%	0.18%
0	3	0.812	0.811	-0.001	-0.10%	0.16%
0	4	0.814	0.812	-0.002	-0.22%	0.36%
0	5	0.812	0.811	-0.001	-0.10%	0.16%
10	6	0.815	0.811	-0.003	-0.43%	0.70%
10	7	0.812	0.807	-0.005	-0.64%	1.04%
10	8	0.810	0.809	-0.001	-0.11%	0.18%
10	9	0.814	0.811	-0.003	-0.43%	0.70%
10	10	0.814	0.811	-0.003	-0.37%	0.52%
20	11	0.815	0.808	-0.007	-0.86%	1.39%
20	12	0.812	0.809	-0.004	-0.43%	0.70%
20	13	0.809	0.803	-0.006	-0.75%	1.22%
20	14	0.818	0.811	-0.006	-0.75%	1.22%
20	15	0.811	0.807	-0.004	-0.54%	0.88%
30	16	0.812	0.801	-0.011	-1.40%	2.27%
30	17	0.815	0.805	-0.010	-1.19%	1.93%
30	18	0.813	0.799	-0.014	-1.72%	2.79%
30	19	0.812	0.797	-0.015	-1.83%	2.97%
30	20	0.815	0.798	-0.017	-2.05%	3.33%
31	16a	0.812	0.803	-0.010	-1.18%	1.91%
31	17a	0.815	0.808	-0.007	-0.86%	1.39%
31	18a	0.813	0.805	-0.008	-0.97%	1.57%
31	19a	0.812	0.804	-0.008	-0.97%	1.57%
31	20a	0.815	0.808	-0.007	-0.86%	1.39%
50	21	0.813	0.664	-0.150	-18.39%	29.78%
50	22	0.815	0.729	-0.086	-10.58%	17.17%
50	23	0.814	0.656	-0.158	-19.45%	31.53%
50	24	0.815	0.751	-0.064	-7.88%	12.79%
50	25	0.811	0.704	-0.107	-13.22%	21.37%
	Max	0.818	0.818	0.001	0.11%	31.53%
	Average	0.813	0.789	-0.024	-2.95%	4.79%
	Min	0.809	0.656	-0.153	-19.45%	0.16%
	Std Dev	0.002	0.043	0.041	5.34%	8.64%

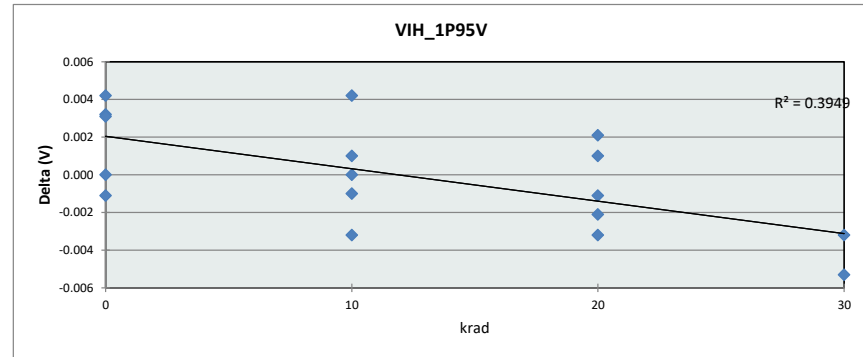


		VIH_1P65V					
Units		V					
Max Limit		1.08					
Min Limit		0.578					
krad		0	10	20	30	31	50
LL		0.578	0.578	0.578	0.578	0.578	0.578
Min		0.809	0.807	0.803	0.797	0.803	0.656
Average		0.812	0.810	0.808	0.800	0.806	0.701
Max		0.818	0.811	0.811	0.805	0.808	0.751
UL		1.080	1.080	1.080	1.080	1.080	1.080

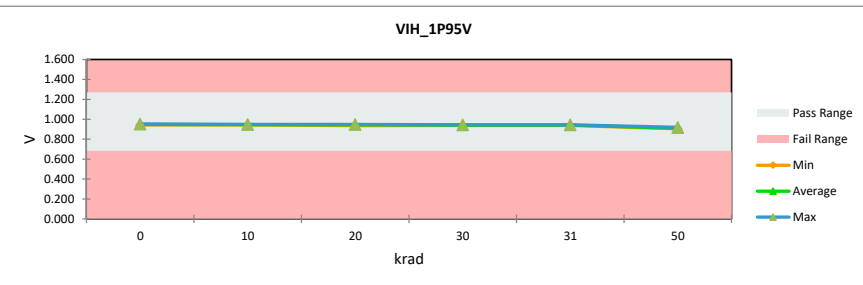


TID Report SN54SC1G125-SEP

		VIH_1P95V					
Units		V					
Max Limit		1.27					
Min Limit		0.683					
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range	
0	1	0.945	0.944	-0.001	-0.12%	0.19%	
0	2	0.949	0.953	0.004	0.44%	0.72%	
0	3	0.944	0.947	0.003	0.34%	0.55%	
0	4	0.948	0.948	0.000	0.00%	0.00%	
0	5	0.945	0.948	0.003	0.33%	0.53%	
10	6	0.948	0.947	-0.001	-0.11%	0.17%	
10	7	0.947	0.944	-0.003	-0.34%	0.55%	
10	8	0.942	0.946	0.004	0.45%	0.72%	
10	9	0.948	0.948	0.000	0.00%	0.00%	
10	10	0.945	0.946	0.001	0.11%	0.17%	
20	11	0.947	0.944	-0.003	-0.34%	0.55%	
20	12	0.945	0.946	0.001	0.11%	0.17%	
20	13	0.939	0.937	-0.002	-0.22%	0.36%	
20	14	0.949	0.948	-0.001	-0.12%	0.19%	
20	15	0.942	0.944	0.002	0.22%	0.36%	
30	16	0.944	0.941	-0.003	-0.34%	0.55%	
30	17	0.947	0.942	-0.005	-0.56%	0.90%	
30	18	0.945	0.945	0.000	0.00%	0.00%	
30	19	0.944	0.938	-0.005	-0.56%	0.90%	
30	20	0.947	0.944	-0.003	-0.34%	0.55%	
31	16a	0.944	0.941	-0.003	-0.34%	0.55%	
31	17a	0.947	0.944	-0.003	-0.34%	0.55%	
31	18a	0.945	0.943	-0.002	-0.23%	0.37%	
31	19a	0.944	0.938	-0.005	-0.56%	0.90%	
31	20a	0.947	0.944	-0.003	-0.34%	0.55%	
50	21	0.946	0.919	-0.027	-2.80%	4.51%	
50	22	0.946	0.908	-0.038	-4.04%	6.51%	
50	23	0.948	0.904	-0.044	-4.59%	7.41%	
50	24	0.946	0.906	-0.040	-4.26%	6.87%	
50	25	0.943	0.909	-0.034	-3.60%	5.78%	
Max		0.949	0.953	0.004	0.45%	7.41%	
Average		0.945	0.938	-0.007	-0.74%	1.40%	
Min		0.939	0.904	-0.035	-4.59%	0.00%	
Std Dev		0.002	0.014	0.012	1.47%	2.24%	

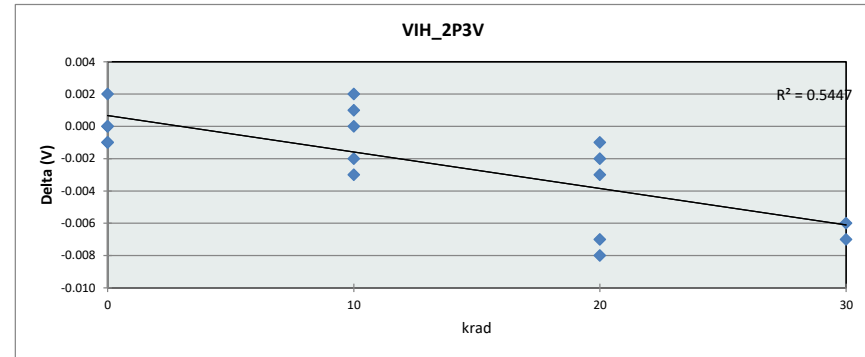


		VIH_1P95V					
Units		V					
Max Limit		1.27					
Min Limit		0.683					
krad		0	10	20	30	31	50
LL		0.683	0.683	0.683	0.683	0.683	0.683
Min		0.944	0.944	0.937	0.938	0.938	0.904
Average		0.948	0.946	0.944	0.942	0.942	0.909
Max		0.953	0.948	0.948	0.945	0.944	0.919
UL		1.270	1.270	1.270	1.270	1.270	1.270

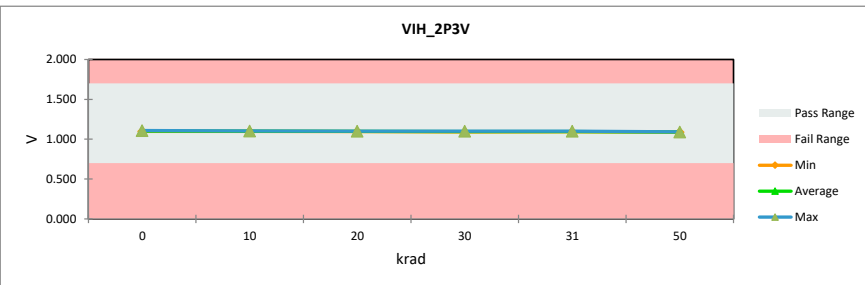


TID Report SN54SC1G125-SEP

		VIH_2P3V				
Units		V				
Max Limit		1.7				
Min Limit		0.7				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.098	1.097	-0.001	-0.09%	0.10%
0	2	1.109	1.109	0.000	0.00%	0.00%
0	3	1.102	1.101	-0.001	-0.09%	0.10%
0	4	1.102	1.104	0.002	0.18%	0.20%
0	5	1.101	1.101	0.000	0.00%	0.00%
10	6	1.104	1.102	-0.002	-0.18%	0.20%
10	7	1.101	1.098	-0.003	-0.27%	0.30%
10	8	1.098	1.100	0.002	0.18%	0.20%
10	9	1.101	1.102	0.001	0.09%	0.10%
10	10	1.102	1.102	0.000	0.00%	0.00%
20	11	1.104	1.097	-0.007	-0.63%	0.70%
20	12	1.102	1.101	-0.001	-0.09%	0.10%
20	13	1.097	1.095	-0.002	-0.18%	0.20%
20	14	1.109	1.101	-0.008	-0.72%	0.80%
20	15	1.101	1.098	-0.003	-0.27%	0.30%
30	16	1.101	1.095	-0.006	-0.54%	0.60%
30	17	1.104	1.097	-0.007	-0.63%	0.70%
30	18	1.104	1.097	-0.007	-0.63%	0.70%
30	19	1.101	1.092	-0.009	-0.82%	0.90%
30	20	1.102	1.100	-0.002	-0.18%	0.20%
31	16a	1.101	1.096	-0.005	-0.45%	0.50%
31	17a	1.104	1.096	-0.008	-0.72%	0.80%
31	18a	1.104	1.098	-0.006	-0.54%	0.60%
31	19a	1.101	1.093	-0.008	-0.73%	0.80%
31	20a	1.102	1.100	-0.002	-0.18%	0.20%
50	21	1.104	1.092	-0.012	-1.09%	1.20%
50	22	1.105	1.091	-0.014	-1.27%	1.40%
50	23	1.104	1.091	-0.013	-1.18%	1.30%
50	24	1.104	1.088	-0.016	-1.45%	1.60%
50	25	1.101	1.091	-0.010	-0.91%	1.00%
Max		1.109	1.109	0.000	0.18%	1.60%
Average		1.102	1.098	-0.005	-0.45%	0.53%
Min		1.097	1.088	-0.009	-1.45%	0.00%
Std Dev		0.003	0.005	0.002	0.44%	0.45%

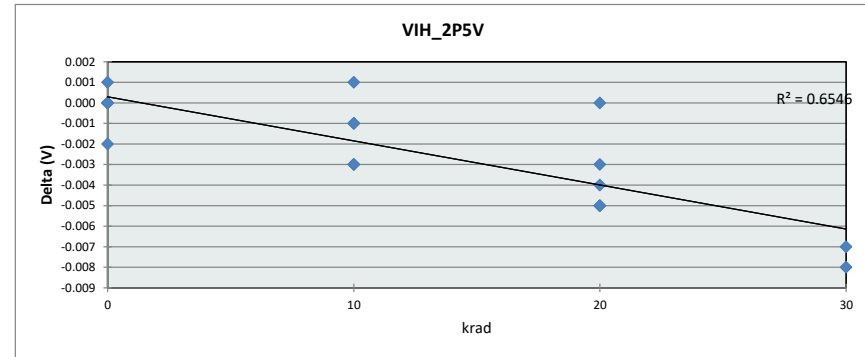


		VIH_2P3V				
Units		V				
Max Limit		1.7				
Min Limit		0.7				
krad	0	10	20	30	31	50
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.097	1.098	1.095	1.092	1.093	1.088
Average	1.102	1.101	1.098	1.096	1.097	1.091
Max	1.109	1.102	1.101	1.100	1.100	1.092
UL	1.700	1.700	1.700	1.700	1.700	1.700

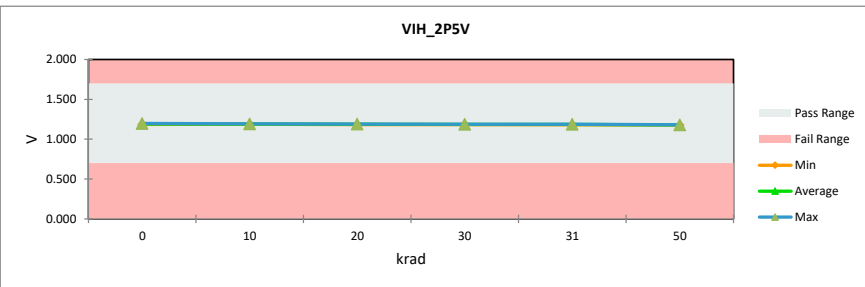


TID Report SN54SC1G125-SEP

		VIH_2P5V				
Units		V				
Max Limit		1.7				
Min Limit		0.7				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.185	1.185	0.000	0.00%	0.00%
0	2	1.198	1.198	0.000	0.00%	0.00%
0	3	1.191	1.191	0.000	0.00%	0.00%
0	4	1.191	1.192	0.001	0.08%	0.10%
0	5	1.191	1.189	-0.002	-0.17%	0.20%
10	6	1.192	1.191	-0.001	-0.08%	0.10%
10	7	1.191	1.188	-0.003	-0.25%	0.30%
10	8	1.189	1.188	-0.001	-0.08%	0.10%
10	9	1.191	1.192	0.001	0.08%	0.10%
10	10	1.192	1.189	-0.003	-0.25%	0.30%
20	11	1.192	1.187	-0.005	-0.42%	0.50%
20	12	1.189	1.189	0.000	0.00%	0.00%
20	13	1.187	1.182	-0.005	-0.42%	0.50%
20	14	1.195	1.191	-0.004	-0.33%	0.40%
20	15	1.188	1.185	-0.003	-0.25%	0.30%
30	16	1.191	1.184	-0.007	-0.59%	0.70%
30	17	1.192	1.184	-0.008	-0.67%	0.80%
30	18	1.189	1.185	-0.004	-0.34%	0.40%
30	19	1.188	1.182	-0.006	-0.51%	0.60%
30	20	1.194	1.188	-0.006	-0.50%	0.60%
31	16a	1.191	1.184	-0.007	-0.59%	0.70%
31	17a	1.192	1.185	-0.007	-0.59%	0.70%
31	18a	1.189	1.185	-0.004	-0.34%	0.40%
31	19a	1.188	1.181	-0.007	-0.59%	0.70%
31	20a	1.194	1.188	-0.006	-0.50%	0.60%
50	21	1.192	1.181	-0.011	-0.92%	1.10%
50	22	1.192	1.180	-0.012	-1.01%	1.20%
50	23	1.194	1.178	-0.016	-1.34%	1.60%
50	24	1.189	1.178	-0.011	-0.93%	1.10%
50	25	1.189	1.178	-0.011	-0.93%	1.10%
	Max	1.198	1.198	0.000	0.08%	1.60%
	Average	1.191	1.186	-0.005	-0.41%	0.51%
	Min	1.185	1.178	-0.007	-1.34%	0.00%
	Std Dev	0.003	0.005	0.002	0.36%	0.41%

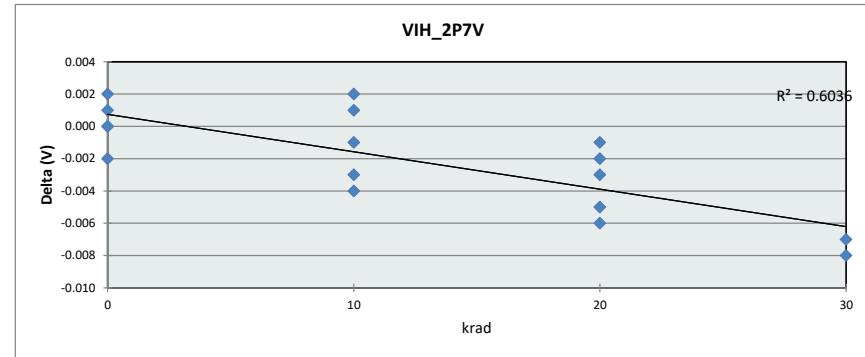


		VIH_2P5V				
Units		V				
Max Limit		1.7				
Min Limit		0.7				
krad	LL	Min	Average	Max	UL	
0	0.700	1.185	1.191	1.198	1.700	
10	0.700	1.188	1.190	1.192	1.700	
20	0.700	1.182	1.187	1.191	1.700	
30	0.700	1.182	1.185	1.188	1.700	
31	0.700	1.181	1.185	1.188	1.700	
50	0.700	1.178	1.179	1.181	1.700	

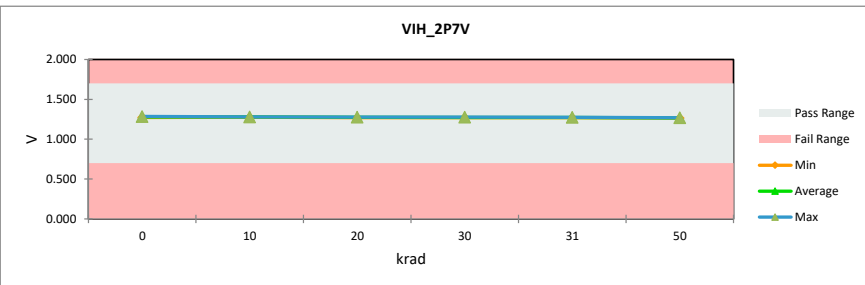


TID Report SN54SC1G125-SEP

		VIH_2P7V					
Units		V					
Max Limit		1.7					
Min Limit		0.7					
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range	
0	1	1.275	1.273	-0.002	-0.16%	0.20%	
0	2	1.286	1.286	0.000	0.00%	0.00%	
0	3	1.278	1.280	0.002	0.16%	0.20%	
0	4	1.280	1.281	0.001	0.08%	0.10%	
0	5	1.278	1.278	0.000	0.00%	0.00%	
10	6	1.283	1.280	-0.003	-0.23%	0.30%	
10	7	1.280	1.276	-0.004	-0.31%	0.40%	
10	8	1.276	1.278	0.002	0.16%	0.20%	
10	9	1.280	1.281	0.001	0.08%	0.10%	
10	10	1.281	1.280	-0.001	-0.08%	0.10%	
20	11	1.280	1.275	-0.005	-0.39%	0.50%	
20	12	1.280	1.278	-0.002	-0.16%	0.20%	
20	13	1.273	1.270	-0.003	-0.24%	0.30%	
20	14	1.284	1.278	-0.006	-0.47%	0.60%	
20	15	1.276	1.275	-0.001	-0.08%	0.10%	
30	16	1.280	1.272	-0.008	-0.63%	0.80%	
30	17	1.280	1.273	-0.007	-0.55%	0.70%	
30	18	1.281	1.275	-0.006	-0.47%	0.60%	
30	19	1.278	1.269	-0.009	-0.70%	0.90%	
30	20	1.280	1.278	-0.002	-0.16%	0.20%	
31	16a	1.280	1.273	-0.007	-0.55%	0.70%	
31	17a	1.280	1.273	-0.007	-0.55%	0.70%	
31	18a	1.281	1.275	-0.006	-0.47%	0.60%	
31	19a	1.278	1.270	-0.008	-0.63%	0.80%	
31	20a	1.280	1.276	-0.004	-0.31%	0.40%	
50	21	1.281	1.269	-0.012	-0.94%	1.20%	
50	22	1.281	1.269	-0.012	-0.94%	1.20%	
50	23	1.281	1.269	-0.012	-0.94%	1.20%	
50	24	1.280	1.266	-0.014	-1.09%	1.40%	
50	25	1.278	1.264	-0.014	-1.10%	1.40%	
Max		1.286	1.286	0.000	0.16%	1.40%	
Average		1.280	1.275	-0.005	-0.39%	0.54%	
Min		1.273	1.264	-0.009	-1.10%	0.00%	
Std Dev		0.003	0.005	0.002	0.37%	0.42%	

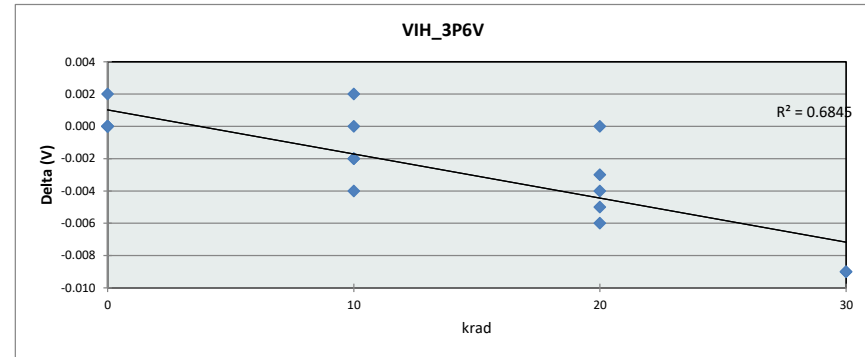


		VIH_2P7V					
Units		V					
Max Limit		1.7					
Min Limit		0.7					
krad		0	10	20	30	31	50
LL		0.700	0.700	0.700	0.700	0.700	0.700
Min		1.273	1.276	1.270	1.269	1.270	1.264
Average		1.280	1.279	1.275	1.273	1.273	1.267
Max		1.286	1.281	1.278	1.278	1.276	1.269
UL		1.700	1.700	1.700	1.700	1.700	1.700

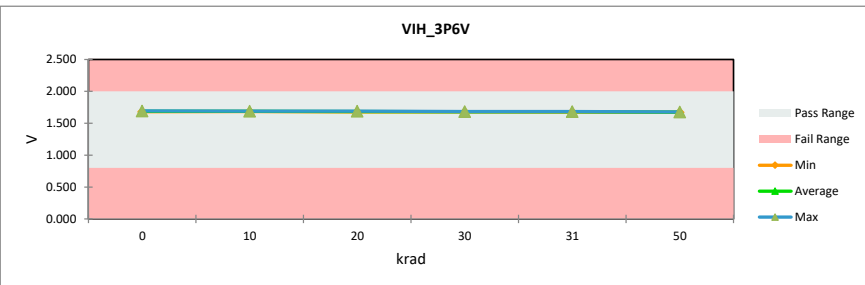


TID Report SN54SC1G125-SEP

		VIH_3P6V				
		V				
		2				
		0.8				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.679	1.681	0.002	0.12%	0.17%
0	2	1.694	1.694	0.000	0.00%	0.00%
0	3	1.688	1.688	0.000	0.00%	0.00%
0	4	1.690	1.690	0.000	0.00%	0.00%
0	5	1.688	1.688	0.000	0.00%	0.00%
10	6	1.690	1.688	-0.002	-0.12%	0.17%
10	7	1.688	1.686	-0.002	-0.12%	0.17%
10	8	1.684	1.684	0.000	0.00%	0.00%
10	9	1.688	1.690	0.002	0.12%	0.17%
10	10	1.690	1.686	-0.004	-0.24%	0.33%
20	11	1.690	1.684	-0.006	-0.36%	0.50%
20	12	1.688	1.688	0.000	0.00%	0.00%
20	13	1.684	1.679	-0.005	-0.30%	0.42%
20	14	1.694	1.690	-0.004	-0.24%	0.33%
20	15	1.684	1.681	-0.003	-0.18%	0.25%
30	16	1.688	1.679	-0.009	-0.53%	0.75%
30	17	1.688	1.679	-0.009	-0.53%	0.75%
30	18	1.688	1.681	-0.007	-0.41%	0.58%
30	19	1.686	1.677	-0.009	-0.53%	0.75%
30	20	1.690	1.684	-0.006	-0.36%	0.50%
31	16a	1.688	1.679	-0.009	-0.53%	0.75%
31	17a	1.688	1.679	-0.009	-0.53%	0.75%
31	18a	1.688	1.681	-0.007	-0.41%	0.58%
31	19a	1.686	1.675	-0.011	-0.65%	0.92%
31	20a	1.690	1.684	-0.006	-0.36%	0.50%
50	21	1.690	1.677	-0.013	-0.77%	1.08%
50	22	1.690	1.675	-0.015	-0.89%	1.25%
50	23	1.690	1.673	-0.017	-1.01%	1.42%
50	24	1.688	1.673	-0.015	-0.89%	1.25%
50	25	1.686	1.673	-0.013	-0.77%	1.08%
	Max	1.694	1.694	0.000	0.12%	1.42%
	Average	1.688	1.682	-0.006	-0.35%	0.51%
	Min	1.679	1.673	-0.006	-1.01%	0.00%
	Std Dev	0.003	0.006	0.003	0.32%	0.42%

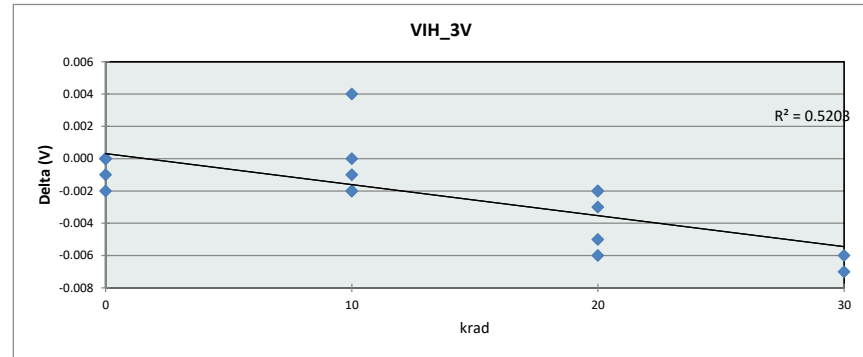


		VIH_3P6V				
		V				
		2				
		0.8				
krad	0	10	20	30	31	50
LL	0.800	0.800	0.800	0.800	0.800	0.800
Min	1.681	1.684	1.679	1.677	1.675	1.673
Average	1.688	1.687	1.684	1.680	1.680	1.674
Max	1.694	1.690	1.690	1.684	1.684	1.677
UL	2.000	2.000	2.000	2.000	2.000	2.000

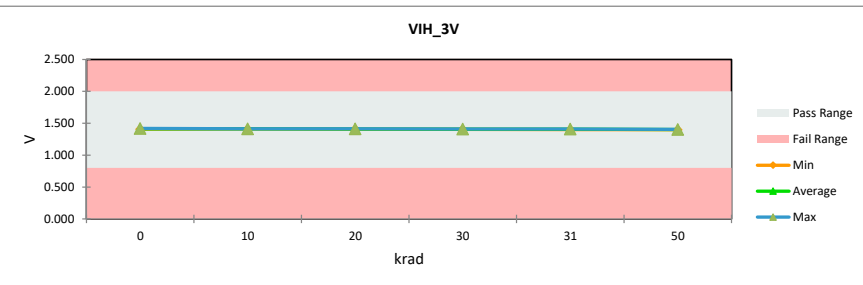


TID Report SN54SC1G125-SEP

		VIH_3V				
		Units		V		
		Max Limit		2		
		Min Limit		0.8		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.409	1.407	-0.002	-0.14%	0.17%
0	2	1.419	1.419	0.000	0.00%	0.00%
0	3	1.413	1.413	0.000	0.00%	0.00%
0	4	1.414	1.414	0.000	0.00%	0.00%
0	5	1.414	1.413	-0.001	-0.07%	0.08%
10	6	1.416	1.414	-0.002	-0.14%	0.17%
10	7	1.413	1.411	-0.002	-0.14%	0.17%
10	8	1.409	1.413	0.004	0.28%	0.33%
10	9	1.414	1.414	0.000	0.00%	0.00%
10	10	1.414	1.413	-0.001	-0.07%	0.08%
20	11	1.414	1.409	-0.005	-0.35%	0.42%
20	12	1.413	1.411	-0.002	-0.14%	0.17%
20	13	1.409	1.406	-0.003	-0.21%	0.25%
20	14	1.419	1.413	-0.006	-0.42%	0.50%
20	15	1.411	1.409	-0.002	-0.14%	0.17%
30	16	1.413	1.407	-0.006	-0.42%	0.50%
30	17	1.413	1.406	-0.007	-0.50%	0.58%
30	18	1.416	1.409	-0.007	-0.49%	0.58%
30	19	1.413	1.404	-0.009	-0.64%	0.75%
30	20	1.416	1.411	-0.005	-0.35%	0.42%
31	16a	1.413	1.407	-0.006	-0.42%	0.50%
31	17a	1.413	1.407	-0.006	-0.42%	0.50%
31	18a	1.416	1.407	-0.009	-0.64%	0.75%
31	19a	1.413	1.402	-0.011	-0.78%	0.92%
31	20a	1.416	1.411	-0.005	-0.35%	0.42%
50	21	1.414	1.404	-0.010	-0.71%	0.83%
50	22	1.416	1.402	-0.014	-0.99%	1.17%
50	23	1.416	1.402	-0.014	-0.99%	1.17%
50	24	1.414	1.399	-0.015	-1.06%	1.25%
50	25	1.413	1.401	-0.012	-0.85%	1.00%
	Max	1.419	1.419	0.000	0.28%	1.25%
	Average	1.414	1.409	-0.005	-0.37%	0.46%
	Min	1.409	1.399	-0.010	-1.06%	0.00%
	Std Dev	0.002	0.005	0.002	0.34%	0.38%

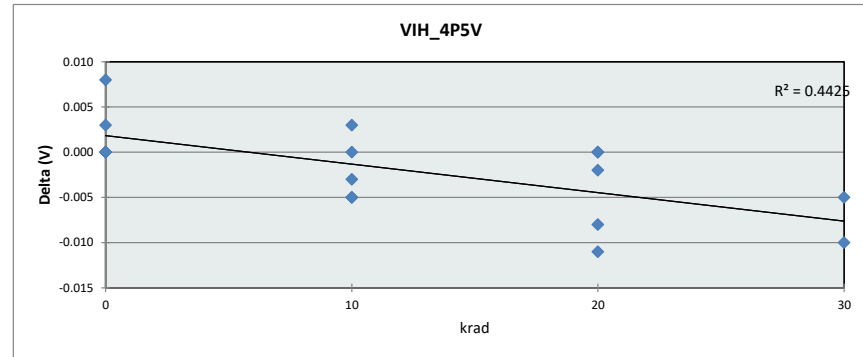


		VIH_3V				
		Units		V		
		Max Limit		2		
		Min Limit		0.8		
krad	0	10	20	30	31	50
LL	0.800	0.800	0.800	0.800	0.800	0.800
Min	1.407	1.411	1.406	1.404	1.402	1.399
Average	1.413	1.413	1.410	1.407	1.407	1.402
Max	1.419	1.414	1.413	1.411	1.411	1.404
UL	2.000	2.000	2.000	2.000	2.000	2.000

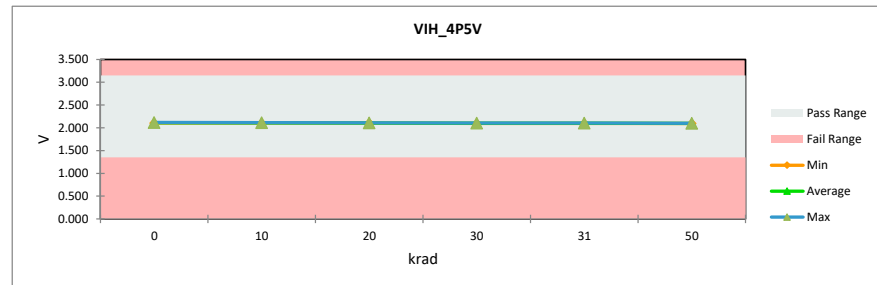


TID Report SN54SC1G125-SEP

		VIH_4P5V				
Units		V				
Max Limit		3.15				
Min Limit		1.35				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.105	2.105	0.000	0.00%	0.00%
0	2	2.118	2.118	0.000	0.00%	0.00%
0	3	2.110	2.110	0.000	0.00%	0.00%
0	4	2.108	2.116	0.008	0.38%	0.44%
0	5	2.110	2.113	0.003	0.14%	0.17%
10	6	2.116	2.113	-0.003	-0.14%	0.17%
10	7	2.110	2.105	-0.005	-0.24%	0.28%
10	8	2.108	2.108	0.000	0.00%	0.00%
10	9	2.110	2.113	0.003	0.14%	0.17%
10	10	2.113	2.108	-0.005	-0.24%	0.28%
20	11	2.116	2.105	-0.011	-0.52%	0.61%
20	12	2.110	2.110	0.000	0.00%	0.00%
20	13	2.105	2.103	-0.002	-0.10%	0.11%
20	14	2.116	2.108	-0.008	-0.38%	0.44%
20	15	2.105	2.105	0.000	0.00%	0.00%
30	16	2.110	2.100	-0.010	-0.47%	0.56%
30	17	2.108	2.103	-0.005	-0.24%	0.28%
30	18	2.113	2.103	-0.010	-0.47%	0.56%
30	19	2.108	2.097	-0.011	-0.52%	0.61%
30	20	2.110	2.105	-0.005	-0.24%	0.28%
31	16a	2.110	2.105	-0.005	-0.24%	0.28%
31	17a	2.108	2.103	-0.005	-0.24%	0.28%
31	18a	2.113	2.103	-0.010	-0.47%	0.56%
31	19a	2.108	2.097	-0.011	-0.52%	0.61%
31	20a	2.110	2.105	-0.005	-0.24%	0.28%
50	21	2.116	2.100	-0.016	-0.76%	0.89%
50	22	2.110	2.097	-0.013	-0.62%	0.72%
50	23	2.118	2.095	-0.023	-1.09%	1.28%
50	24	2.113	2.095	-0.018	-0.85%	1.00%
50	25	2.110	2.095	-0.015	-0.71%	0.83%
Max		2.118	2.118	0.000	0.38%	1.28%
Average		2.111	2.105	-0.006	-0.29%	0.39%
Min		2.105	2.095	-0.010	-1.09%	0.00%
Std Dev		0.004	0.006	0.003	0.33%	0.33%

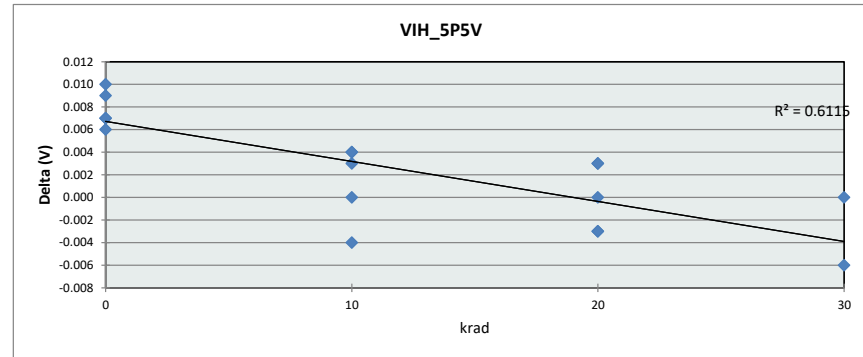


		VIH_4P5V				
Units		V				
Max Limit		3.15				
Min Limit		1.35				
krad	0	10	20	30	31	50
LL	1.350	1.350	1.350	1.350	1.350	1.350
Min	2.105	2.105	2.103	2.097	2.097	2.095
Average	2.112	2.109	2.106	2.102	2.103	2.096
Max	2.118	2.113	2.110	2.105	2.105	2.100
UL	3.150	3.150	3.150	3.150	3.150	3.150

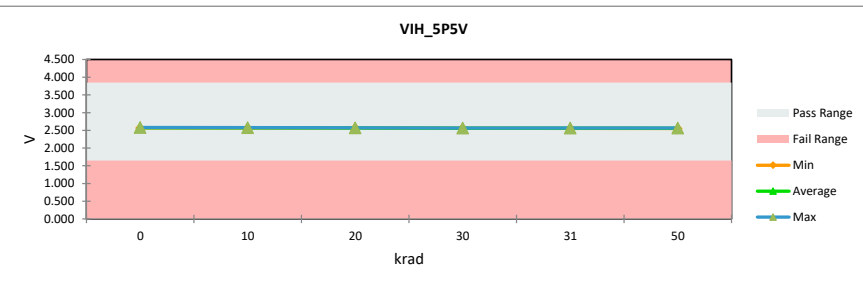


TID Report SN54SC1G125-SEP

		VIH_5P5V					
		Units		V			
		Max Limit		3.85			
		Min Limit		1.65			
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range	
0	1	2.559	2.568	0.009	0.35%	0.41%	
0	2	2.575	2.581	0.006	0.23%	0.27%	
0	3	2.568	2.575	0.007	0.27%	0.32%	
0	4	2.568	2.575	0.007	0.27%	0.32%	
0	5	2.565	2.575	0.010	0.39%	0.45%	
10	6	2.572	2.568	-0.004	-0.16%	0.18%	
10	7	2.568	2.572	0.004	0.16%	0.18%	
10	8	2.565	2.565	0.000	0.00%	0.00%	
10	9	2.572	2.575	0.003	0.12%	0.14%	
10	10	2.568	2.572	0.004	0.16%	0.18%	
20	11	2.568	2.565	-0.003	-0.12%	0.14%	
20	12	2.568	2.568	0.000	0.00%	0.00%	
20	13	2.562	2.565	0.003	0.12%	0.14%	
20	14	2.575	2.572	-0.003	-0.12%	0.14%	
20	15	2.565	2.568	0.003	0.12%	0.14%	
30	16	2.565	2.565	0.000	0.00%	0.00%	
30	17	2.565	2.559	-0.006	-0.23%	0.27%	
30	18	2.568	2.565	-0.003	-0.12%	0.14%	
30	19	2.565	2.559	-0.006	-0.23%	0.27%	
30	20	2.568	2.565	-0.003	-0.12%	0.14%	
31	16a	2.565	2.559	-0.006	-0.23%	0.27%	
31	17a	2.565	2.559	-0.006	-0.23%	0.27%	
31	18a	2.568	2.565	-0.003	-0.12%	0.14%	
31	19a	2.565	2.556	-0.009	-0.35%	0.41%	
31	20a	2.568	2.568	0.000	0.00%	0.00%	
50	21	2.572	2.568	-0.004	-0.16%	0.18%	
50	22	2.565	2.562	-0.003	-0.12%	0.14%	
50	23	2.568	2.559	-0.009	-0.35%	0.41%	
50	24	2.568	2.552	-0.016	-0.62%	0.73%	
50	25	2.562	2.559	-0.003	-0.12%	0.14%	
Max		2.575	2.581	0.006	0.39%	0.73%	
Average		2.567	2.566	-0.001	-0.04%	0.22%	
Min		2.559	2.552	-0.007	-0.62%	0.00%	
Std Dev		0.004	0.007	0.003	0.23%	0.16%	

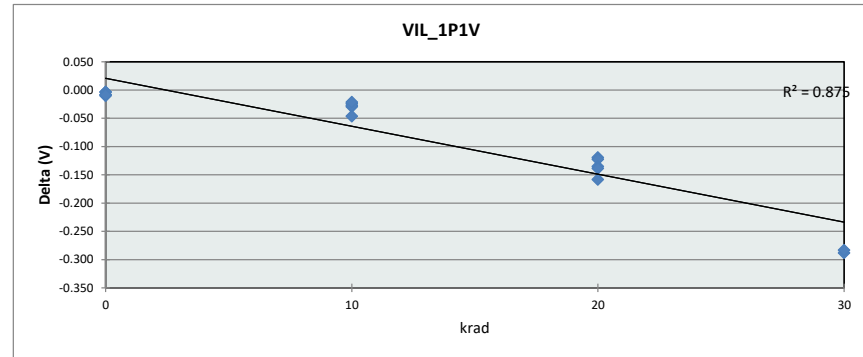


		VIH_5P5V					
		Units		V			
		Max Limit		3.85			
		Min Limit		1.65			
krad	0	10	20	30	31	50	
LL	1.650	1.650	1.650	1.650	1.650	1.650	
Min	2.568	2.565	2.565	2.565	2.559	2.552	
Average	2.575	2.570	2.568	2.563	2.561	2.560	
Max	2.581	2.575	2.572	2.565	2.568	2.568	
UL	3.850	3.850	3.850	3.850	3.850	3.850	

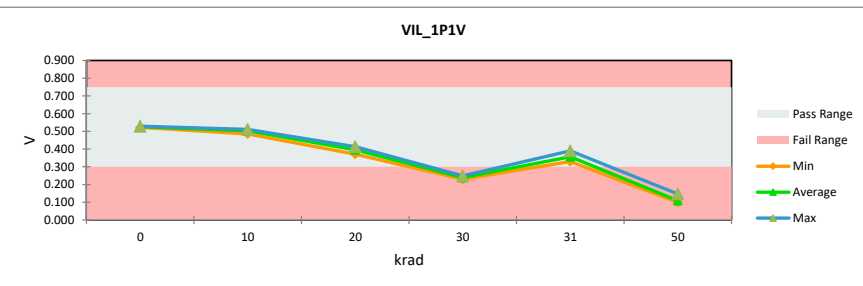


TID Report SN54SC1G125-SEP

		VIL_1P1V				
Units		V				
Max Limit		0.75				
Min Limit		0.3				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.533	0.523	-0.010	-1.91%	2.27%
0	2	0.533	0.529	-0.004	-0.68%	0.80%
0	3	0.532	0.528	-0.004	-0.68%	0.80%
0	4	0.534	0.526	-0.008	-1.57%	1.87%
0	5	0.533	0.525	-0.008	-1.58%	1.87%
10	6	0.533	0.509	-0.024	-4.50%	5.33%
10	7	0.532	0.502	-0.029	-5.53%	6.53%
10	8	0.532	0.486	-0.046	-8.69%	10.27%
10	9	0.533	0.506	-0.027	-5.07%	6.00%
10	10	0.532	0.511	-0.022	-4.06%	4.80%
20	11	0.529	0.371	-0.159	-29.95%	35.22%
20	12	0.533	0.413	-0.120	-22.42%	26.56%
20	13	0.531	0.409	-0.123	-23.07%	27.22%
20	14	0.532	0.397	-0.135	-25.38%	30.02%
20	15	0.528	0.389	-0.139	-26.29%	30.82%
30	16	0.532	0.244	-0.288	-54.14%	64.04%
30	17	0.532	0.249	-0.283	-53.24%	62.98%
30	18	0.531	0.235	-0.297	-55.85%	65.91%
30	19	0.535	0.230	-0.305	-56.98%	67.78%
30	20	0.531	0.236	-0.295	-55.51%	65.51%
31	16a	0.532	0.330	-0.202	-38.00%	44.96%
31	17a	0.532	0.346	-0.187	-35.07%	41.49%
31	18a	0.531	0.390	-0.141	-26.57%	31.36%
31	19a	0.535	0.368	-0.167	-31.18%	37.09%
31	20a	0.531	0.349	-0.183	-34.36%	40.56%
50	21	0.531	0.100	-0.431	-81.15%	95.67%
50	22	0.532	0.099	-0.432	-81.31%	96.07%
50	23	0.532	0.099	-0.433	-81.33%	96.20%
50	24	0.531	0.099	-0.432	-81.28%	95.93%
50	25	0.533	0.147	-0.386	-72.45%	85.80%
Max		0.535	0.529	-0.006	-0.68%	96.20%
Average		0.532	0.355	-0.177	-33.33%	39.39%
Min		0.528	0.099	-0.428	-81.33%	0.80%
Std Dev		0.002	0.148	0.147	27.88%	32.95%



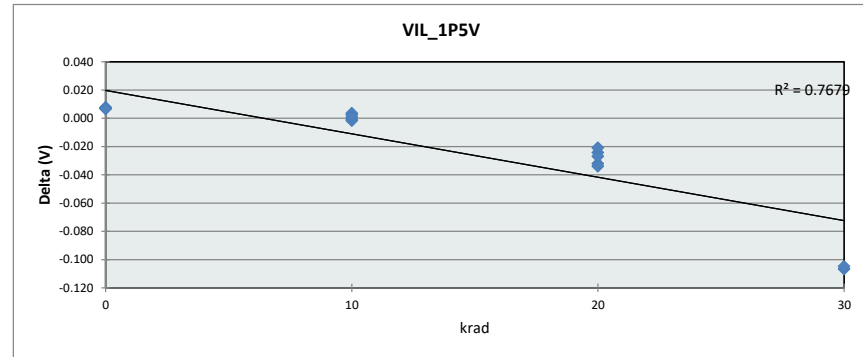
		VIL_1P1V							
Units		V							
Max Limit		0.75							
Min Limit		0.3							
krad	0	10	20	30	31	50			
LL	0.300	0.300	0.300	0.300	0.300	0.300			
Min	0.523	0.486	0.371	0.230	0.330	0.099			
Average	0.526	0.503	0.396	0.239	0.357	0.109			
Max	0.529	0.511	0.413	0.249	0.390	0.147			
UL	0.750	0.750	0.750	0.750	0.750	0.750			



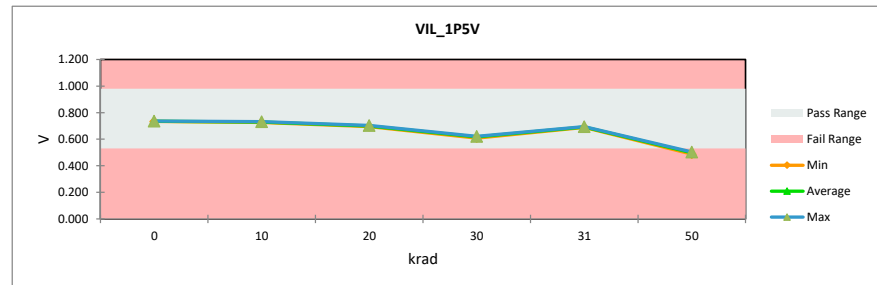
TID Report

SN54SC1G125-SEP

		VIL_1P5V				
Units		V				
Max Limit		0.98				
Min Limit		0.53				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.728	0.735	0.007	0.95%	1.53%
0	2	0.728	0.736	0.008	1.07%	1.73%
0	3	0.728	0.735	0.007	0.95%	1.53%
0	4	0.730	0.737	0.007	0.96%	1.56%
0	5	0.727	0.734	0.007	0.96%	1.56%
10	6	0.729	0.731	0.003	0.36%	0.58%
10	7	0.727	0.726	-0.001	-0.11%	0.18%
10	8	0.728	0.726	-0.002	-0.23%	0.38%
10	9	0.728	0.731	0.004	0.48%	0.78%
10	10	0.728	0.729	0.001	0.12%	0.20%
20	11	0.726	0.694	-0.032	-4.42%	7.13%
20	12	0.728	0.704	-0.024	-3.34%	5.40%
20	13	0.728	0.701	-0.027	-3.70%	5.98%
20	14	0.729	0.695	-0.034	-4.65%	7.53%
20	15	0.723	0.702	-0.021	-2.88%	4.62%
30	16	0.728	0.621	-0.107	-14.66%	23.71%
30	17	0.727	0.622	-0.105	-14.43%	23.31%
30	18	0.728	0.615	-0.113	-15.50%	25.07%
30	19	0.730	0.608	-0.121	-16.64%	26.98%
30	20	0.727	0.618	-0.109	-15.03%	24.29%
31	16a	0.728	0.691	-0.037	-5.12%	8.29%
31	17a	0.727	0.695	-0.032	-4.42%	7.13%
31	18a	0.728	0.694	-0.034	-4.64%	7.51%
31	19a	0.730	0.689	-0.041	-5.58%	9.04%
31	20a	0.727	0.694	-0.033	-4.53%	7.31%
50	21	0.727	0.498	-0.229	-31.49%	50.87%
50	22	0.727	0.497	-0.230	-31.61%	51.07%
50	23	0.728	0.488	-0.240	-33.00%	53.38%
50	24	0.726	0.503	-0.223	-30.69%	49.53%
50	25	0.728	0.504	-0.224	-30.75%	49.73%
Max		0.730	0.737	0.007	1.07%	53.38%
Average		0.728	0.662	-0.066	-9.05%	15.26%
Min		0.723	0.488	-0.235	-33.00%	0.18%
Std Dev		0.001	0.084	0.083	11.56%	18.15%

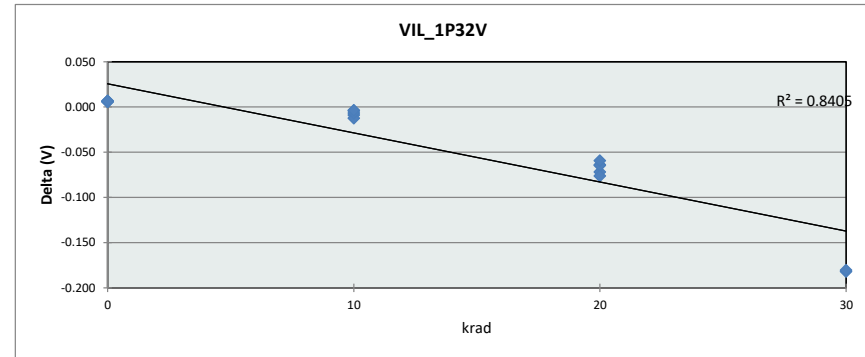


		VIL_1P5V					
Units		V					
Max Limit		0.98					
Min Limit		0.53					
krad		0	10	20	30	31	50
LL		0.530	0.530	0.530	0.530	0.530	0.530
Min		0.734	0.726	0.694	0.608	0.689	0.488
Average		0.735	0.729	0.699	0.617	0.693	0.498
Max		0.737	0.731	0.704	0.622	0.695	0.504
UL		0.980	0.980	0.980	0.980	0.980	0.980

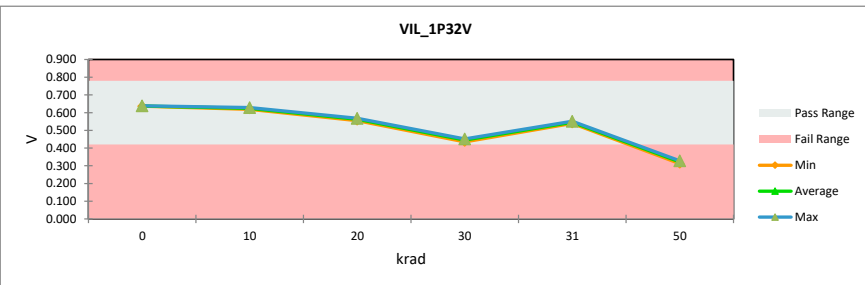


TID Report SN54SC1G125-SEP

		VIL_1P32V				
Units		V				
Max Limit		0.78				
Min Limit		0.42				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.632	0.638	0.006	0.93%	1.64%
0	2	0.631	0.637	0.006	0.93%	1.64%
0	3	0.631	0.636	0.006	0.92%	1.61%
0	4	0.632	0.639	0.007	1.04%	1.83%
0	5	0.630	0.636	0.007	1.05%	1.83%
10	6	0.633	0.628	-0.004	-0.70%	1.22%
10	7	0.631	0.622	-0.009	-1.41%	2.47%
10	8	0.631	0.619	-0.013	-1.98%	3.47%
10	9	0.632	0.625	-0.007	-1.04%	1.83%
10	10	0.631	0.627	-0.004	-0.59%	1.03%
20	11	0.629	0.557	-0.072	-11.43%	19.97%
20	12	0.631	0.567	-0.064	-10.12%	17.75%
20	13	0.631	0.566	-0.065	-10.24%	17.94%
20	14	0.631	0.555	-0.076	-12.09%	21.19%
20	15	0.628	0.568	-0.059	-9.46%	16.50%
30	16	0.631	0.449	-0.182	-28.83%	50.56%
30	17	0.632	0.452	-0.181	-28.56%	50.14%
30	18	0.631	0.443	-0.187	-29.69%	52.00%
30	19	0.634	0.435	-0.200	-31.47%	55.44%
30	20	0.631	0.446	-0.185	-29.34%	51.39%
31	16a	0.631	0.543	-0.088	-13.96%	24.47%
31	17a	0.632	0.548	-0.084	-13.23%	23.22%
31	18a	0.631	0.551	-0.079	-12.58%	22.03%
31	19a	0.634	0.539	-0.095	-15.04%	26.50%
31	20a	0.631	0.548	-0.082	-13.04%	22.83%
50	21	0.630	0.322	-0.308	-48.83%	85.42%
50	22	0.631	0.320	-0.311	-49.30%	86.44%
50	23	0.631	0.312	-0.319	-50.56%	88.67%
50	24	0.630	0.326	-0.304	-48.24%	84.39%
50	25	0.631	0.328	-0.303	-48.01%	84.19%
Max		0.634	0.639	0.004	1.05%	88.67%
Average		0.631	0.523	-0.108	-17.16%	30.65%
Min		0.628	0.312	-0.316	-50.56%	1.03%
Std Dev		0.001	0.112	0.110	17.67%	30.39%

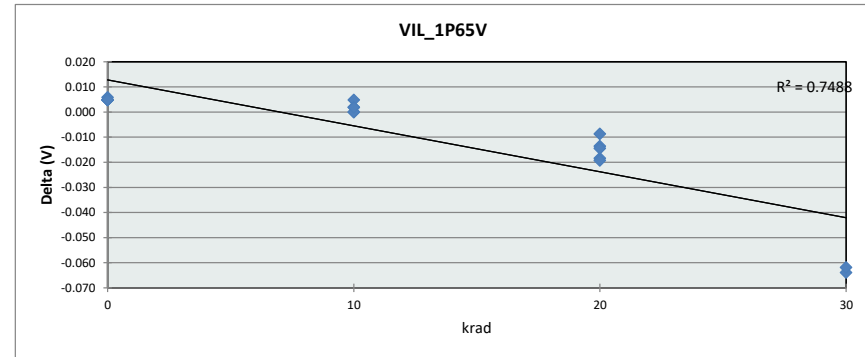


		VIL_1P32V				
Units		V				
Max Limit		0.78				
Min Limit		0.42				
krad	0	10	20	30	31	50
LL	0.420	0.420	0.420	0.420	0.420	0.420
Min	0.636	0.619	0.555	0.435	0.539	0.312
Average	0.637	0.624	0.563	0.445	0.546	0.322
Max	0.639	0.628	0.568	0.452	0.551	0.328
UL	0.780	0.780	0.780	0.780	0.780	0.780

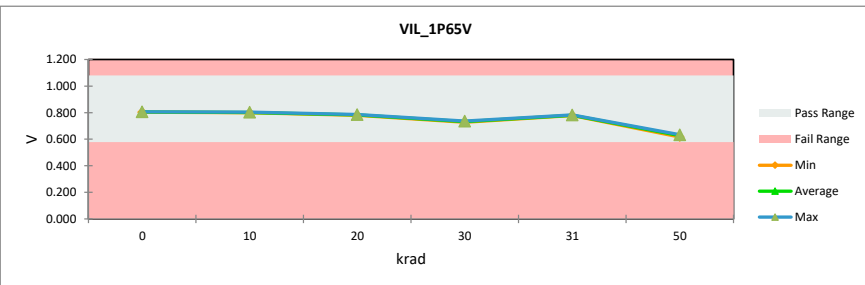


TID Report SN54SC1G125-SEP

		VIL_1P65V				
Units		V				
Max Limit		1.08				
Min Limit		0.578				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.799	0.804	0.005	0.60%	0.96%
0	2	0.800	0.806	0.006	0.72%	1.16%
0	3	0.800	0.805	0.005	0.61%	0.98%
0	4	0.801	0.806	0.005	0.60%	0.96%
0	5	0.798	0.803	0.005	0.60%	0.96%
10	6	0.801	0.803	0.002	0.24%	0.38%
10	7	0.799	0.799	0.000	0.00%	0.00%
10	8	0.799	0.799	0.000	0.00%	0.00%
10	9	0.799	0.804	0.005	0.60%	0.96%
10	10	0.798	0.800	0.002	0.24%	0.38%
20	11	0.798	0.780	-0.018	-2.30%	3.67%
20	12	0.799	0.786	-0.014	-1.70%	2.71%
20	13	0.799	0.785	-0.015	-1.81%	2.89%
20	14	0.800	0.781	-0.019	-2.41%	3.84%
20	15	0.794	0.785	-0.009	-1.10%	1.73%
30	16	0.799	0.736	-0.064	-7.99%	12.73%
30	17	0.798	0.737	-0.062	-7.75%	12.33%
30	18	0.798	0.731	-0.068	-8.48%	13.49%
30	19	0.801	0.728	-0.074	-9.17%	14.64%
30	20	0.798	0.733	-0.066	-8.24%	13.11%
31	16a	0.799	0.779	-0.020	-2.54%	4.04%
31	17a	0.798	0.783	-0.016	-1.94%	3.09%
31	18a	0.798	0.781	-0.017	-2.18%	3.47%
31	19a	0.801	0.778	-0.023	-2.90%	4.62%
31	20a	0.798	0.781	-0.017	-2.18%	3.47%
50	21	0.798	0.628	-0.170	-21.32%	33.90%
50	22	0.797	0.626	-0.171	-21.47%	34.10%
50	23	0.799	0.617	-0.183	-22.88%	36.43%
50	24	0.797	0.632	-0.165	-20.74%	32.95%
50	25	0.798	0.634	-0.164	-20.59%	32.75%
Max		0.801	0.806	0.005	0.72%	36.43%
Average		0.799	0.755	-0.044	-5.52%	9.22%
Min		0.794	0.617	-0.177	-22.88%	0.00%
Std Dev		0.002	0.063	0.061	7.83%	12.11%

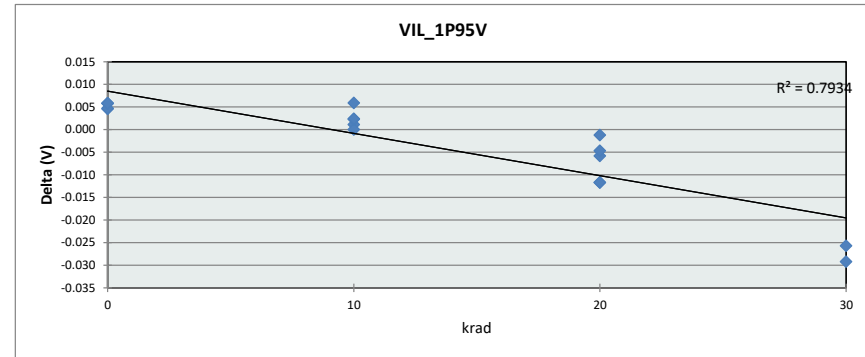


		VIL_1P65V					
Units		V					
Max Limit		1.08					
Min Limit		0.578					
krad	0	10	20	30	31	50	
LL	0.578	0.578	0.578	0.578	0.578	0.578	
Min	0.803	0.799	0.780	0.728	0.778	0.617	
Average	0.805	0.801	0.783	0.733	0.780	0.627	
Max	0.806	0.804	0.786	0.737	0.783	0.634	
UL	1.080	1.080	1.080	1.080	1.080	1.080	

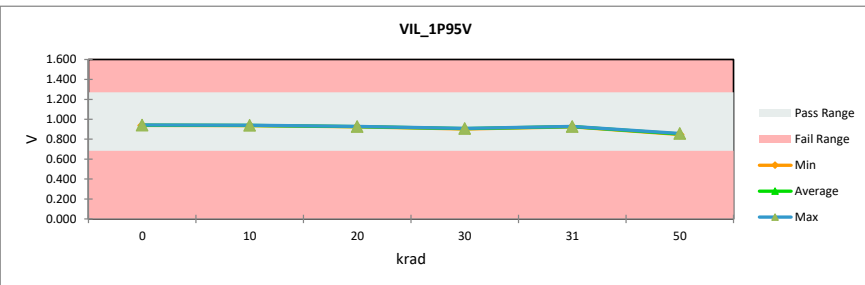


TID Report SN54SC1G125-SEP

		VIL_1P95V				
Units		V				
Max Limit		1.27				
Min Limit		0.683				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.934	0.938	0.005	0.49%	0.78%
0	2	0.936	0.942	0.006	0.62%	0.99%
0	3	0.936	0.941	0.005	0.50%	0.80%
0	4	0.937	0.943	0.006	0.62%	0.99%
0	5	0.934	0.939	0.006	0.62%	0.99%
10	6	0.937	0.938	0.001	0.12%	0.19%
10	7	0.936	0.936	0.000	0.00%	0.00%
10	8	0.934	0.936	0.002	0.25%	0.39%
10	9	0.935	0.941	0.006	0.63%	1.01%
10	10	0.935	0.937	0.002	0.26%	0.41%
20	11	0.936	0.924	-0.012	-1.25%	1.99%
20	12	0.935	0.929	-0.006	-0.62%	0.99%
20	13	0.932	0.928	-0.005	-0.50%	0.80%
20	14	0.937	0.925	-0.012	-1.25%	1.99%
20	15	0.929	0.928	-0.001	-0.13%	0.20%
30	16	0.936	0.907	-0.029	-3.12%	4.97%
30	17	0.935	0.909	-0.026	-2.75%	4.38%
30	18	0.935	0.904	-0.030	-3.24%	5.16%
30	19	0.936	0.903	-0.033	-3.49%	5.57%
30	20	0.935	0.904	-0.030	-3.24%	5.16%
31	16a	0.936	0.924	-0.012	-1.25%	1.99%
31	17a	0.935	0.929	-0.006	-0.62%	0.99%
31	18a	0.935	0.925	-0.009	-0.99%	1.58%
31	19a	0.936	0.924	-0.012	-1.25%	1.99%
31	20a	0.935	0.925	-0.009	-0.99%	1.58%
50	21	0.935	0.855	-0.079	-8.49%	13.53%
50	22	0.934	0.850	-0.084	-9.01%	14.33%
50	23	0.936	0.847	-0.089	-9.48%	15.11%
50	24	0.934	0.851	-0.083	-8.88%	14.12%
50	25	0.932	0.858	-0.075	-8.01%	12.73%
Max		0.937	0.943	0.006	0.63%	15.11%
Average		0.935	0.915	-0.020	-2.15%	3.86%
Min		0.929	0.847	-0.082	-9.48%	0.00%
Std Dev		0.002	0.031	0.029	3.27%	4.87%

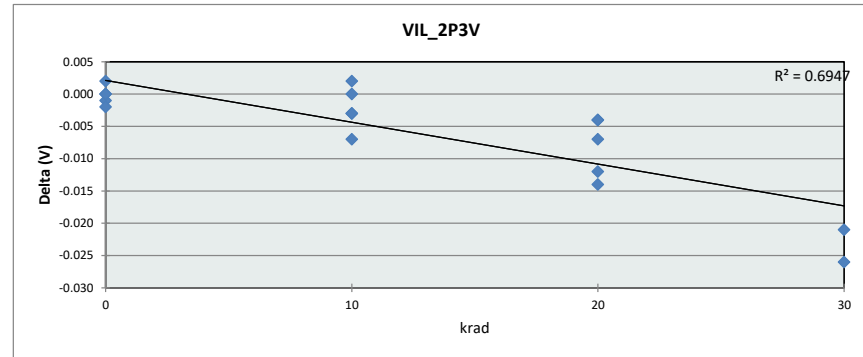


		VIL_1P95V				
Units		V				
Max Limit		1.27				
Min Limit		0.683				
krad	0	10	20	30	31	50
LL	0.683	0.683	0.683	0.683	0.683	0.683
Min	0.938	0.936	0.924	0.903	0.924	0.847
Average	0.941	0.938	0.927	0.906	0.926	0.852
Max	0.943	0.941	0.929	0.909	0.929	0.858
UL	1.270	1.270	1.270	1.270	1.270	1.270

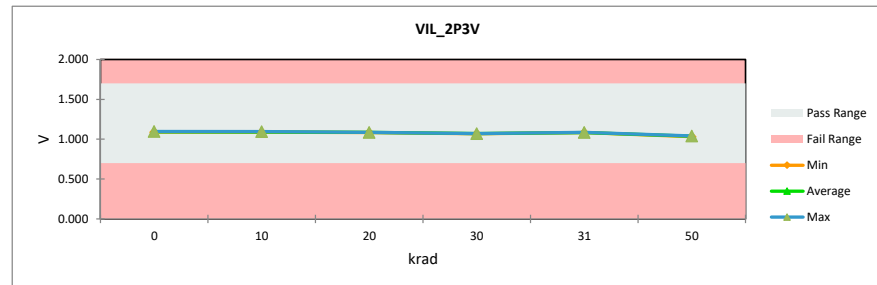


TID Report SN54SC1G125-SEP

		VIL_2P3V				
Units		V				
Max Limit		1.7				
Min Limit		0.7				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.090	1.089	-0.001	-0.09%	0.10%
0	2	1.097	1.097	0.000	0.00%	0.00%
0	3	1.095	1.093	-0.002	-0.18%	0.20%
0	4	1.093	1.093	0.000	0.00%	0.00%
0	5	1.093	1.095	0.002	0.18%	0.20%
10	6	1.096	1.093	-0.003	-0.27%	0.30%
10	7	1.093	1.090	-0.003	-0.27%	0.30%
10	8	1.090	1.090	0.000	0.00%	0.00%
10	9	1.093	1.095	0.002	0.18%	0.20%
10	10	1.095	1.088	-0.007	-0.64%	0.70%
20	11	1.095	1.083	-0.012	-1.10%	1.20%
20	12	1.093	1.086	-0.007	-0.64%	0.70%
20	13	1.089	1.085	-0.004	-0.37%	0.40%
20	14	1.099	1.085	-0.014	-1.27%	1.40%
20	15	1.090	1.086	-0.004	-0.37%	0.40%
30	16	1.093	1.072	-0.021	-1.92%	2.10%
30	17	1.095	1.069	-0.026	-2.37%	2.60%
30	18	1.095	1.069	-0.026	-2.37%	2.60%
30	19	1.092	1.069	-0.023	-2.11%	2.30%
30	20	1.095	1.071	-0.024	-2.19%	2.40%
31	16a	1.093	1.085	-0.008	-0.73%	0.80%
31	17a	1.095	1.083	-0.012	-1.10%	1.20%
31	18a	1.095	1.085	-0.010	-0.91%	1.00%
31	19a	1.092	1.083	-0.009	-0.82%	0.90%
31	20a	1.095	1.085	-0.010	-0.91%	1.00%
50	21	1.095	1.041	-0.054	-4.93%	5.40%
50	22	1.095	1.037	-0.058	-5.30%	5.80%
50	23	1.096	1.032	-0.064	-5.84%	6.40%
50	24	1.095	1.037	-0.058	-5.30%	5.80%
50	25	1.092	1.041	-0.051	-4.67%	5.10%
Max		1.099	1.097	-0.002	0.18%	6.40%
Average		1.094	1.077	-0.017	-1.54%	1.72%
Min		1.089	1.032	-0.057	-5.84%	0.00%
Std Dev		0.002	0.020	0.017	1.83%	1.98%

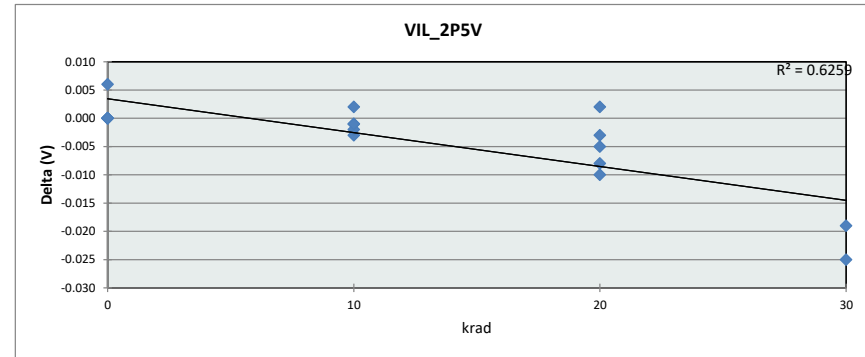


		VIL_2P3V				
Units		V				
Max Limit		1.7				
Min Limit		0.7				
krad	0	10	20	30	31	50
LL	0.700	0.700	0.700	0.700	0.700	0.700
Min	1.089	1.088	1.083	1.069	1.083	1.032
Average	1.093	1.091	1.085	1.070	1.084	1.038
Max	1.097	1.095	1.086	1.072	1.085	1.041
UL	1.700	1.700	1.700	1.700	1.700	1.700

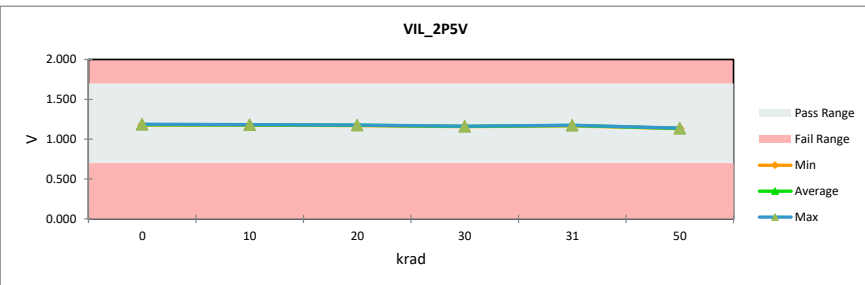


TID Report SN54SC1G125-SEP

		VIL_2P5V				
Units		V				
Max Limit		1.7				
Min Limit		0.7				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.177	1.177	0.000	0.00%	0.00%
0	2	1.182	1.188	0.006	0.51%	0.60%
0	3	1.182	1.182	0.000	0.00%	0.00%
0	4	1.182	1.182	0.000	0.00%	0.00%
0	5	1.182	1.182	0.000	0.00%	0.00%
10	6	1.183	1.180	-0.003	-0.25%	0.30%
10	7	1.180	1.179	-0.001	-0.08%	0.10%
10	8	1.179	1.177	-0.002	-0.17%	0.20%
10	9	1.180	1.182	0.002	0.17%	0.20%
10	10	1.180	1.179	-0.001	-0.08%	0.10%
20	11	1.182	1.174	-0.008	-0.68%	0.80%
20	12	1.182	1.177	-0.005	-0.42%	0.50%
20	13	1.174	1.171	-0.003	-0.26%	0.30%
20	14	1.186	1.176	-0.010	-0.84%	1.00%
20	15	1.174	1.176	0.002	0.17%	0.20%
30	16	1.182	1.163	-0.019	-1.61%	1.90%
30	17	1.182	1.157	-0.025	-2.12%	2.50%
30	18	1.182	1.162	-0.020	-1.69%	2.00%
30	19	1.179	1.162	-0.017	-1.44%	1.70%
30	20	1.183	1.162	-0.021	-1.78%	2.10%
31	16a	1.182	1.169	-0.013	-1.10%	1.30%
31	17a	1.182	1.176	-0.006	-0.51%	0.60%
31	18a	1.182	1.174	-0.008	-0.68%	0.80%
31	19a	1.179	1.171	-0.008	-0.68%	0.80%
31	20a	1.183	1.174	-0.009	-0.76%	0.90%
50	21	1.182	1.139	-0.043	-3.64%	4.30%
50	22	1.182	1.133	-0.049	-4.15%	4.90%
50	23	1.183	1.134	-0.049	-4.14%	4.90%
50	24	1.180	1.134	-0.046	-3.90%	4.60%
50	25	1.179	1.137	-0.042	-3.56%	4.20%
	Max	1.186	1.188	0.002	0.51%	4.90%
	Average	1.181	1.168	-0.013	-1.12%	1.39%
	Min	1.174	1.133	-0.041	-4.15%	0.00%
	Std Dev	0.003	0.016	0.014	1.41%	1.61%

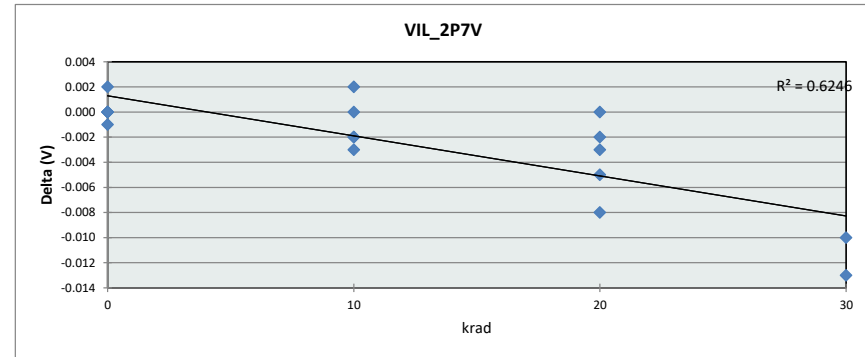


		VIL_2P5V					
Units		V					
Max Limit		1.7					
Min Limit		0.7					
krad		0	10	20	30	31	50
LL		0.700	0.700	0.700	0.700	0.700	0.700
Min		1.177	1.177	1.171	1.157	1.169	1.133
Average		1.182	1.179	1.175	1.161	1.173	1.135
Max		1.188	1.182	1.177	1.163	1.176	1.139
UL		1.700	1.700	1.700	1.700	1.700	1.700

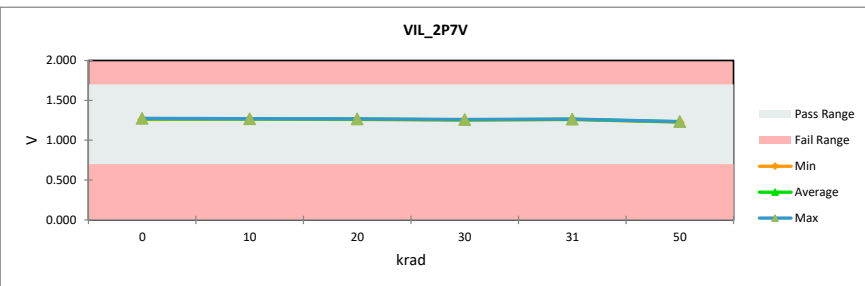


TID Report SN54SC1G125-SEP

		VIL_2P7V				
Units		V				
Max Limit		1.7				
Min Limit		0.7				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.261	1.261	0.000	0.00%	0.00%
0	2	1.272	1.274	0.002	0.16%	0.20%
0	3	1.267	1.267	0.000	0.00%	0.00%
0	4	1.269	1.269	0.000	0.00%	0.00%
0	5	1.267	1.266	-0.001	-0.08%	0.10%
10	6	1.271	1.269	-0.002	-0.16%	0.20%
10	7	1.267	1.264	-0.003	-0.24%	0.30%
10	8	1.266	1.264	-0.002	-0.16%	0.20%
10	9	1.267	1.269	0.002	0.16%	0.20%
10	10	1.267	1.267	0.000	0.00%	0.00%
20	11	1.269	1.264	-0.005	-0.39%	0.50%
20	12	1.267	1.267	0.000	0.00%	0.00%
20	13	1.264	1.261	-0.003	-0.24%	0.30%
20	14	1.274	1.266	-0.008	-0.63%	0.80%
20	15	1.266	1.264	-0.002	-0.16%	0.20%
30	16	1.267	1.254	-0.013	-1.03%	1.30%
30	17	1.269	1.259	-0.010	-0.79%	1.00%
30	18	1.269	1.252	-0.017	-1.34%	1.70%
30	19	1.266	1.252	-0.014	-1.11%	1.40%
30	20	1.269	1.254	-0.015	-1.18%	1.50%
31	16a	1.267	1.261	-0.006	-0.47%	0.60%
31	17a	1.269	1.262	-0.007	-0.55%	0.70%
31	18a	1.269	1.262	-0.007	-0.55%	0.70%
31	19a	1.266	1.259	-0.007	-0.55%	0.70%
31	20a	1.269	1.266	-0.003	-0.24%	0.30%
50	21	1.271	1.234	-0.037	-2.91%	3.70%
50	22	1.269	1.227	-0.042	-3.31%	4.20%
50	23	1.269	1.229	-0.040	-3.15%	4.00%
50	24	1.267	1.229	-0.038	-3.00%	3.80%
50	25	1.266	1.232	-0.034	-2.69%	3.40%
	Max	1.274	1.274	0.000	0.16%	4.20%
	Average	1.268	1.257	-0.010	-0.82%	1.07%
	Min	1.261	1.227	-0.034	-3.31%	0.00%
	Std Dev	0.002	0.013	0.011	1.07%	1.34%

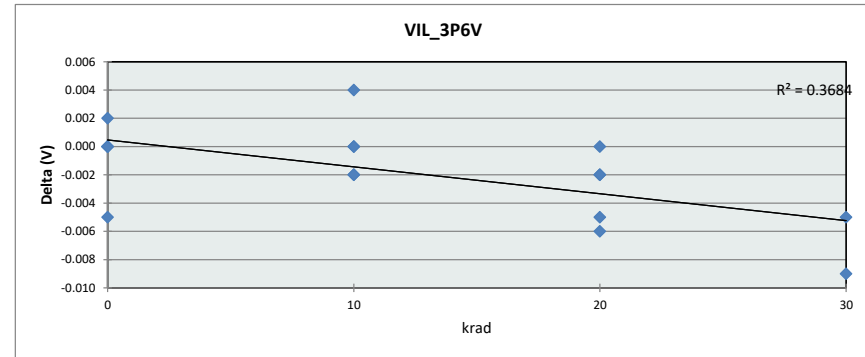


		VIL_2P7V				
Units		V				
Max Limit		1.7				
Min Limit		0.7				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.261	1.261	0.000	0.00%	0.00%
0	2	1.272	1.274	0.002	0.16%	0.20%
0	3	1.267	1.267	0.000	0.00%	0.00%
0	4	1.269	1.269	0.000	0.00%	0.00%
0	5	1.267	1.266	-0.001	-0.08%	0.10%
10	6	1.271	1.269	-0.002	-0.16%	0.20%
10	7	1.267	1.264	-0.003	-0.24%	0.30%
10	8	1.266	1.264	-0.002	-0.16%	0.20%
10	9	1.267	1.269	0.002	0.16%	0.20%
10	10	1.267	1.267	0.000	0.00%	0.00%
20	11	1.269	1.264	-0.005	-0.39%	0.50%
20	12	1.267	1.267	0.000	0.00%	0.00%
20	13	1.264	1.261	-0.003	-0.24%	0.30%
20	14	1.274	1.266	-0.008	-0.63%	0.80%
20	15	1.266	1.264	-0.002	-0.16%	0.20%
30	16	1.267	1.254	-0.013	-1.03%	1.30%
30	17	1.269	1.259	-0.010	-0.79%	1.00%
30	18	1.269	1.252	-0.017	-1.34%	1.70%
30	19	1.266	1.252	-0.014	-1.11%	1.40%
30	20	1.269	1.254	-0.015	-1.18%	1.50%
31	16a	1.267	1.261	-0.006	-0.47%	0.60%
31	17a	1.269	1.262	-0.007	-0.55%	0.70%
31	18a	1.269	1.262	-0.007	-0.55%	0.70%
31	19a	1.266	1.259	-0.007	-0.55%	0.70%
31	20a	1.269	1.266	-0.003	-0.24%	0.30%
50	21	1.271	1.234	-0.037	-2.91%	3.70%
50	22	1.269	1.227	-0.042	-3.31%	4.20%
50	23	1.269	1.229	-0.040	-3.15%	4.00%
50	24	1.267	1.229	-0.038	-3.00%	3.80%
50	25	1.266	1.232	-0.034	-2.69%	3.40%
	Max	1.274	1.274	0.000	0.16%	4.20%
	Average	1.268	1.257	-0.010	-0.82%	1.07%
	Min	1.261	1.227	-0.034	-3.31%	0.00%
	UL	1.700	1.700	1.700	1.700	1.700

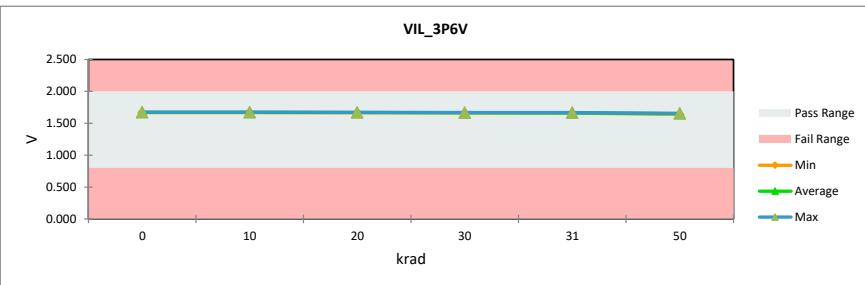


TID Report SN54SC1G125-SEP

		VIL_3P6V				
		Units		V		
		Max Limit		2		
		Min Limit		0.8		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.665	1.667	0.002	0.12%	0.17%
0	2	1.679	1.674	-0.005	-0.30%	0.42%
0	3	1.672	1.672	0.000	0.00%	0.00%
0	4	1.672	1.672	0.000	0.00%	0.00%
0	5	1.672	1.672	0.000	0.00%	0.00%
10	6	1.672	1.670	-0.002	-0.12%	0.17%
10	7	1.672	1.670	-0.002	-0.12%	0.17%
10	8	1.667	1.667	0.000	0.00%	0.00%
10	9	1.670	1.674	0.004	0.24%	0.33%
10	10	1.670	1.670	0.000	0.00%	0.00%
20	11	1.672	1.667	-0.005	-0.30%	0.42%
20	12	1.672	1.670	-0.002	-0.12%	0.17%
20	13	1.667	1.665	-0.002	-0.12%	0.17%
20	14	1.676	1.670	-0.006	-0.36%	0.50%
20	15	1.667	1.667	0.000	0.00%	0.00%
30	16	1.672	1.663	-0.009	-0.54%	0.75%
30	17	1.670	1.665	-0.005	-0.30%	0.42%
30	18	1.672	1.665	-0.007	-0.42%	0.58%
30	19	1.665	1.661	-0.004	-0.24%	0.33%
30	20	1.672	1.667	-0.005	-0.30%	0.42%
31	16a	1.672	1.663	-0.009	-0.54%	0.75%
31	17a	1.670	1.665	-0.005	-0.30%	0.42%
31	18a	1.672	1.661	-0.011	-0.66%	0.92%
31	19a	1.665	1.658	-0.007	-0.42%	0.58%
31	20a	1.672	1.667	-0.005	-0.30%	0.42%
50	21	1.674	1.654	-0.020	-1.19%	1.67%
50	22	1.672	1.640	-0.032	-1.91%	2.67%
50	23	1.674	1.642	-0.032	-1.91%	2.67%
50	24	1.672	1.654	-0.018	-1.08%	1.50%
50	25	1.670	1.656	-0.014	-0.84%	1.17%
	Max	1.679	1.674	-0.005	0.24%	2.67%
	Average	1.671	1.664	-0.007	-0.40%	0.59%
	Min	1.665	1.640	-0.025	-1.91%	0.00%
	Std Dev	0.003	0.008	0.005	0.53%	0.70%

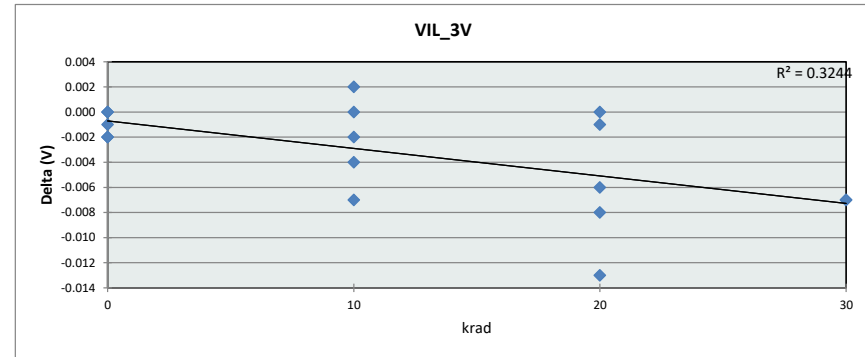


		VIL_3P6V					
		Units		V			
		Max Limit		2			
		Min Limit		0.8			
krad		0	10	20	30	31	50
LL		0.800	0.800	0.800	0.800	0.800	0.800
Min		1.667	1.667	1.665	1.661	1.658	1.640
Average		1.671	1.670	1.668	1.664	1.663	1.649
Max		1.674	1.674	1.670	1.667	1.667	1.656
UL		2.000	2.000	2.000	2.000	2.000	2.000

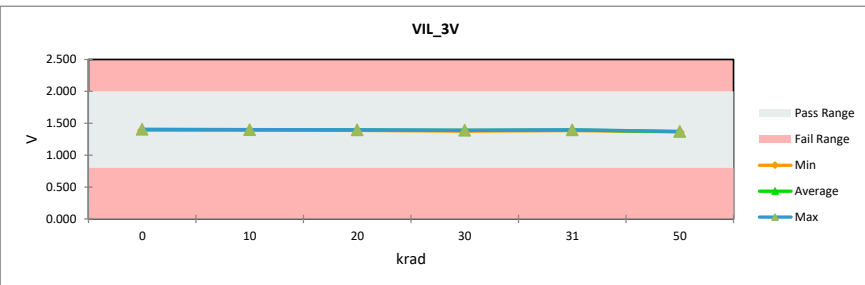


TID Report SN54SC1G125-SEP

		VIL_3V				
Units		V				
Max Limit		2				
Min Limit		0.8				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.394	1.393	-0.001	-0.07%	0.08%
0	2	1.406	1.406	0.000	0.00%	0.00%
0	3	1.400	1.400	0.000	0.00%	0.00%
0	4	1.402	1.400	-0.002	-0.14%	0.17%
0	5	1.400	1.398	-0.002	-0.14%	0.17%
10	6	1.402	1.400	-0.002	-0.14%	0.17%
10	7	1.400	1.396	-0.004	-0.29%	0.33%
10	8	1.396	1.398	0.002	0.14%	0.17%
10	9	1.400	1.400	0.000	0.00%	0.00%
10	10	1.400	1.393	-0.007	-0.50%	0.58%
20	11	1.400	1.394	-0.006	-0.43%	0.50%
20	12	1.400	1.387	-0.013	-0.93%	1.08%
20	13	1.394	1.393	-0.001	-0.07%	0.08%
20	14	1.406	1.398	-0.008	-0.57%	0.67%
20	15	1.396	1.396	0.000	0.00%	0.00%
30	16	1.398	1.391	-0.007	-0.50%	0.58%
30	17	1.400	1.393	-0.007	-0.50%	0.58%
30	18	1.400	1.391	-0.009	-0.64%	0.75%
30	19	1.398	1.376	-0.022	-1.57%	1.83%
30	20	1.402	1.391	-0.011	-0.78%	0.92%
31	16a	1.398	1.393	-0.005	-0.36%	0.42%
31	17a	1.400	1.394	-0.006	-0.43%	0.50%
31	18a	1.400	1.396	-0.004	-0.29%	0.33%
31	19a	1.398	1.385	-0.013	-0.93%	1.08%
31	20a	1.402	1.398	-0.004	-0.29%	0.33%
50	21	1.404	1.365	-0.039	-2.78%	3.25%
50	22	1.402	1.368	-0.034	-2.43%	2.83%
50	23	1.402	1.370	-0.032	-2.28%	2.67%
50	24	1.400	1.368	-0.032	-2.29%	2.67%
50	25	1.398	1.372	-0.026	-1.86%	2.17%
	Max	1.406	1.406	0.000	0.14%	3.25%
	Average	1.400	1.390	-0.010	-0.70%	0.83%
	Min	1.394	1.365	-0.029	-2.78%	0.00%
	Std Dev	0.003	0.011	0.008	0.83%	0.96%

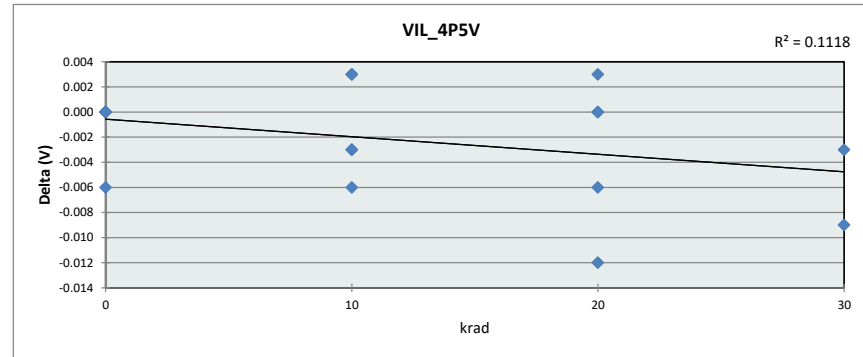


		VIL_3V					
Units		V					
Max Limit		2					
Min Limit		0.8					
krad		0	10	20	30	31	50
LL		0.800	0.800	0.800	0.800	0.800	0.800
Min		1.393	1.393	1.387	1.376	1.385	1.365
Average		1.399	1.397	1.394	1.388	1.393	1.369
Max		1.406	1.400	1.398	1.393	1.398	1.372
UL		2.000	2.000	2.000	2.000	2.000	2.000

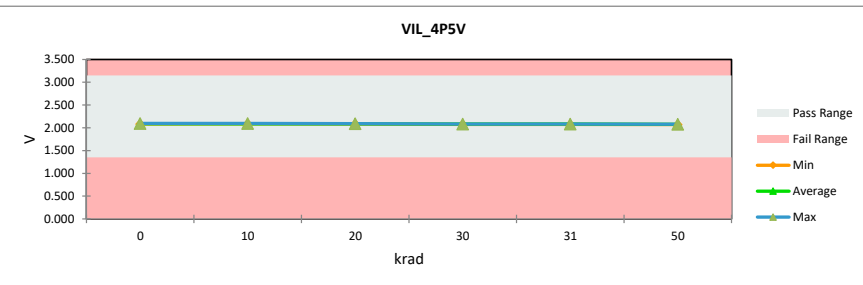


TID Report SN54SC1G125-SEP

		VIL_4P5V				
Units		V				
Max Limit		3.15				
Min Limit		1.35				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.082	2.082	0.000	0.00%	0.00%
0	2	2.097	2.097	0.000	0.00%	0.00%
0	3	2.091	2.091	0.000	0.00%	0.00%
0	4	2.094	2.088	-0.006	-0.29%	0.33%
0	5	2.091	2.091	0.000	0.00%	0.00%
10	6	2.094	2.088	-0.006	-0.29%	0.33%
10	7	2.091	2.088	-0.003	-0.14%	0.17%
10	8	2.085	2.088	0.003	0.14%	0.17%
10	9	2.091	2.094	0.003	0.14%	0.17%
10	10	2.091	2.088	-0.003	-0.14%	0.17%
20	11	2.094	2.082	-0.012	-0.57%	0.67%
20	12	2.088	2.091	0.003	0.14%	0.17%
20	13	2.085	2.085	0.000	0.00%	0.00%
20	14	2.094	2.088	-0.006	-0.29%	0.33%
20	15	2.085	2.085	0.000	0.00%	0.00%
30	16	2.091	2.082	-0.009	-0.43%	0.50%
30	17	2.085	2.082	-0.003	-0.14%	0.17%
30	18	2.088	2.085	-0.003	-0.14%	0.17%
30	19	2.088	2.076	-0.012	-0.57%	0.67%
30	20	2.094	2.085	-0.009	-0.43%	0.50%
31	16a	2.091	2.085	-0.006	-0.29%	0.33%
31	17a	2.085	2.079	-0.006	-0.29%	0.33%
31	18a	2.088	2.085	-0.003	-0.14%	0.17%
31	19a	2.088	2.076	-0.012	-0.57%	0.67%
31	20a	2.094	2.085	-0.009	-0.43%	0.50%
50	21	2.094	2.079	-0.015	-0.72%	0.83%
50	22	2.091	2.079	-0.012	-0.57%	0.67%
50	23	2.094	2.076	-0.018	-0.86%	1.00%
50	24	2.091	2.071	-0.020	-0.96%	1.11%
50	25	2.091	2.074	-0.017	-0.81%	0.94%
	Max	2.097	2.097	0.000	0.14%	1.11%
	Average	2.090	2.084	-0.006	-0.29%	0.37%
	Min	2.082	2.071	-0.011	-0.96%	0.00%
	Std Dev	0.004	0.006	0.002	0.31%	0.32%



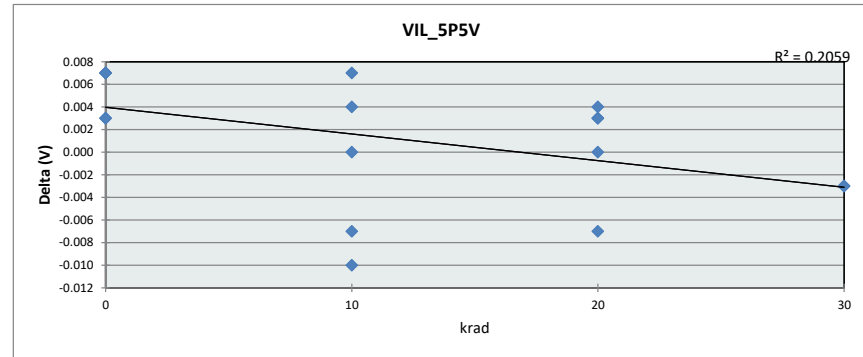
		VIL_4P5V					
Units		V					
Max Limit		3.15					
Min Limit		1.35					
krad		0	10	20	30	31	50
LL		1.350	1.350	1.350	1.350	1.350	1.350
Min		2.082	2.088	2.082	2.076	2.076	2.071
Average		2.090	2.089	2.086	2.082	2.082	2.076
Max		2.097	2.094	2.091	2.085	2.085	2.079
UL		3.150	3.150	3.150	3.150	3.150	3.150



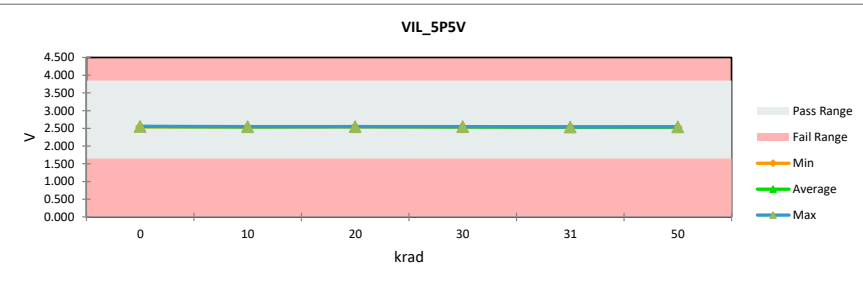
TID Report

SN54SC1G125-SEP

		VIL_5P5V					
Units		V					
Max Limit		3.85					
Min Limit		1.65					
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range	
0	1	2.536	2.543	0.007	0.28%	0.32%	
0	2	2.550	2.557	0.007	0.27%	0.32%	
0	3	2.547	2.554	0.007	0.27%	0.32%	
0	4	2.547	2.550	0.003	0.12%	0.14%	
0	5	2.547	2.550	0.003	0.12%	0.14%	
10	6	2.550	2.540	-0.010	-0.39%	0.45%	
10	7	2.550	2.543	-0.007	-0.27%	0.32%	
10	8	2.543	2.547	0.004	0.16%	0.18%	
10	9	2.543	2.550	0.007	0.28%	0.32%	
10	10	2.547	2.547	0.000	0.00%	0.00%	
20	11	2.547	2.547	0.000	0.00%	0.00%	
20	12	2.547	2.550	0.003	0.12%	0.14%	
20	13	2.540	2.543	0.003	0.12%	0.14%	
20	14	2.554	2.547	-0.007	-0.27%	0.32%	
20	15	2.543	2.547	0.004	0.16%	0.18%	
30	16	2.543	2.540	-0.003	-0.12%	0.14%	
30	17	2.543	2.540	-0.003	-0.12%	0.14%	
30	18	2.550	2.543	-0.007	-0.27%	0.32%	
30	19	2.543	2.540	-0.003	-0.12%	0.14%	
30	20	2.543	2.547	0.004	0.16%	0.18%	
31	16a	2.543	2.536	-0.007	-0.28%	0.32%	
31	17a	2.543	2.540	-0.003	-0.12%	0.14%	
31	18a	2.550	2.533	-0.017	-0.67%	0.77%	
31	19a	2.543	2.533	-0.010	-0.39%	0.45%	
31	20a	2.543	2.540	-0.003	-0.12%	0.14%	
50	21	2.550	2.543	-0.007	-0.27%	0.32%	
50	22	2.547	2.540	-0.007	-0.27%	0.32%	
50	23	2.547	2.536	-0.011	-0.43%	0.50%	
50	24	2.547	2.533	-0.014	-0.55%	0.64%	
50	25	2.547	2.536	-0.011	-0.43%	0.50%	
Max		2.554	2.557	0.003	0.28%	0.77%	
Average		2.546	2.543	-0.003	-0.10%	0.28%	
Min		2.536	2.533	-0.003	-0.67%	0.00%	
Std Dev		0.004	0.006	0.002	0.27%	0.18%	

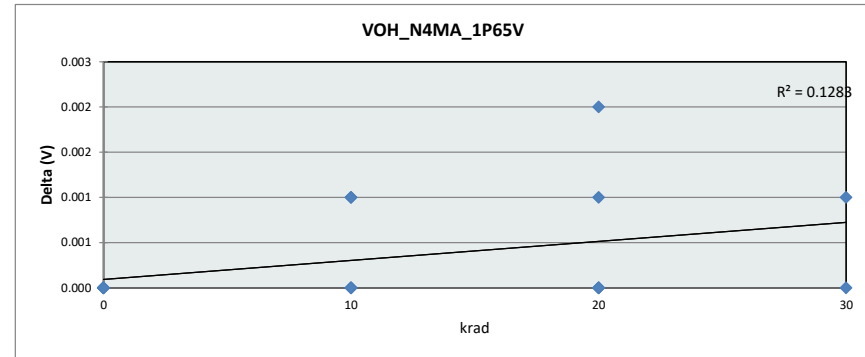


		VIL_5P5V					
Units		V					
Max Limit		3.85					
Min Limit		1.65					
krad	0	10	20	30	31	50	
LL	1.650	1.650	1.650	1.650	1.650	1.650	
Min	2.543	2.540	2.543	2.540	2.533	2.533	
Average	2.551	2.545	2.547	2.542	2.536	2.538	
Max	2.557	2.550	2.550	2.547	2.540	2.543	
UL	3.850	3.850	3.850	3.850	3.850	3.850	

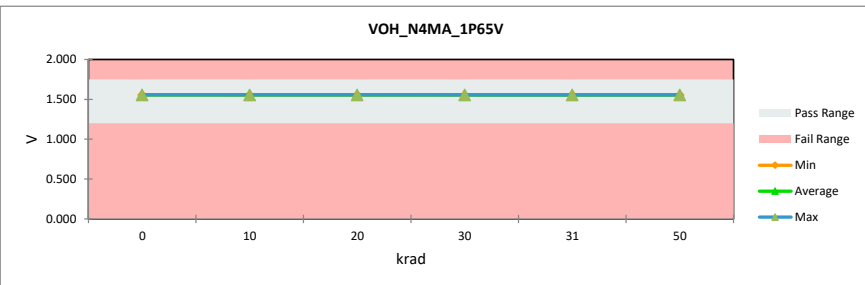


TID Report SN54SC1G125-SEP

		VOH_N4MA_1P65V				
		V				
		1.75				
		1.2				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.557	1.557	0.000	0.00%	0.00%
0	2	1.556	1.556	0.000	0.00%	0.00%
0	3	1.556	1.556	0.000	0.00%	0.00%
0	4	1.556	1.556	0.000	0.00%	0.00%
0	5	1.556	1.556	0.000	0.00%	0.00%
10	6	1.556	1.556	0.000	0.00%	0.00%
10	7	1.555	1.556	0.001	0.06%	0.18%
10	8	1.555	1.555	0.000	0.00%	0.00%
10	9	1.556	1.557	0.001	0.06%	0.18%
10	10	1.555	1.555	0.000	0.00%	0.00%
20	11	1.555	1.555	0.000	0.00%	0.00%
20	12	1.555	1.556	0.001	0.06%	0.18%
20	13	1.555	1.557	0.002	0.13%	0.36%
20	14	1.555	1.555	0.000	0.00%	0.00%
20	15	1.555	1.555	0.000	0.00%	0.00%
30	16	1.555	1.555	0.000	0.00%	0.00%
30	17	1.555	1.556	0.001	0.06%	0.18%
30	18	1.555	1.556	0.001	0.06%	0.18%
30	19	1.556	1.556	0.000	0.00%	0.00%
30	20	1.555	1.556	0.001	0.06%	0.18%
31	16a	1.555	1.555	0.000	0.00%	0.00%
31	17a	1.555	1.555	0.000	0.00%	0.00%
31	18a	1.555	1.556	0.001	0.06%	0.18%
31	19a	1.556	1.555	-0.001	-0.06%	0.18%
31	20a	1.555	1.556	0.001	0.06%	0.18%
50	21	1.555	1.556	0.001	0.06%	0.18%
50	22	1.556	1.556	0.000	0.00%	0.00%
50	23	1.555	1.555	0.000	0.00%	0.00%
50	24	1.556	1.556	0.000	0.00%	0.00%
50	25	1.556	1.555	-0.001	-0.06%	0.18%
	Max	1.557	1.557	0.000	0.13%	0.36%
	Average	1.555	1.556	0.000	0.02%	0.08%
	Min	1.555	1.555	0.000	-0.06%	0.00%
	Std Dev	0.001	0.001	0.000	0.04%	0.10%

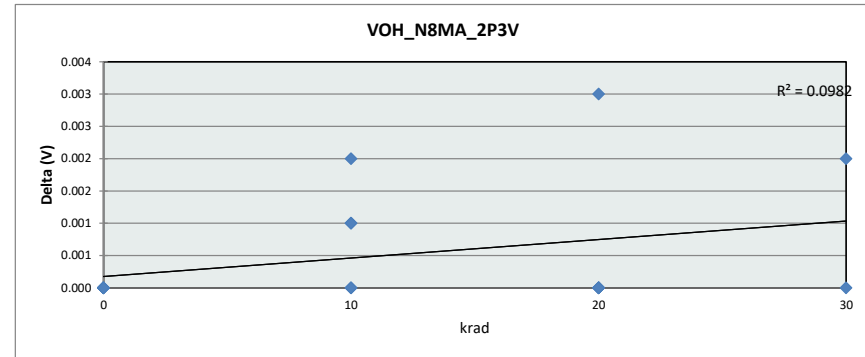


		VOH_N4MA_1P65V				
		V				
		1.75				
		1.2				
krad	0	10	20	30	31	50
LL	1.200	1.200	1.200	1.200	1.200	1.200
Min	1.556	1.555	1.555	1.555	1.555	1.555
Average	1.556	1.556	1.556	1.556	1.555	1.556
Max	1.557	1.557	1.557	1.556	1.556	1.556
UL	1.750	1.750	1.750	1.750	1.750	1.750

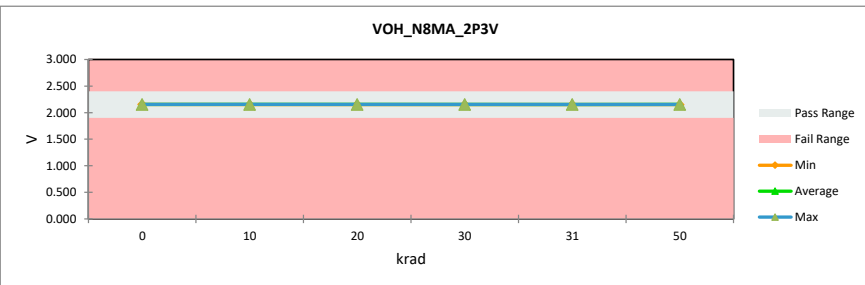


TID Report SN54SC1G125-SEP

		VOH_N8MA_2P3V				
		V				
		2.4				
		1.9				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.155	2.155	0.000	0.00%	0.00%
0	2	2.154	2.154	0.000	0.00%	0.00%
0	3	2.154	2.154	0.000	0.00%	0.00%
0	4	2.154	2.154	0.000	0.00%	0.00%
0	5	2.154	2.154	0.000	0.00%	0.00%
10	6	2.154	2.155	0.001	0.05%	0.20%
10	7	2.153	2.153	0.000	0.00%	0.00%
10	8	2.152	2.153	0.001	0.05%	0.20%
10	9	2.154	2.156	0.002	0.09%	0.40%
10	10	2.153	2.153	0.000	0.00%	0.00%
20	11	2.153	2.153	0.000	0.00%	0.00%
20	12	2.153	2.153	0.000	0.00%	0.00%
20	13	2.152	2.155	0.003	0.14%	0.60%
20	14	2.153	2.153	0.000	0.00%	0.00%
20	15	2.153	2.153	0.000	0.00%	0.00%
30	16	2.153	2.153	0.000	0.00%	0.00%
30	17	2.152	2.154	0.002	0.09%	0.40%
30	18	2.153	2.155	0.002	0.09%	0.40%
30	19	2.154	2.154	0.000	0.00%	0.00%
30	20	2.152	2.155	0.003	0.14%	0.60%
31	16a	2.153	2.152	-0.001	-0.05%	0.20%
31	17a	2.152	2.153	0.001	0.05%	0.20%
31	18a	2.153	2.154	0.001	0.05%	0.20%
31	19a	2.154	2.153	-0.001	-0.05%	0.20%
31	20a	2.152	2.154	0.002	0.09%	0.40%
50	21	2.152	2.154	0.002	0.09%	0.40%
50	22	2.154	2.154	0.000	0.00%	0.00%
50	23	2.153	2.153	0.000	0.00%	0.00%
50	24	2.154	2.154	0.000	0.00%	0.00%
50	25	2.154	2.153	-0.001	-0.05%	0.20%
	Max	2.155	2.156	0.001	0.14%	0.60%
	Average	2.153	2.154	0.001	0.03%	0.15%
	Min	2.152	2.152	0.000	-0.05%	0.00%
	Std Dev	0.001	0.001	0.000	0.05%	0.19%



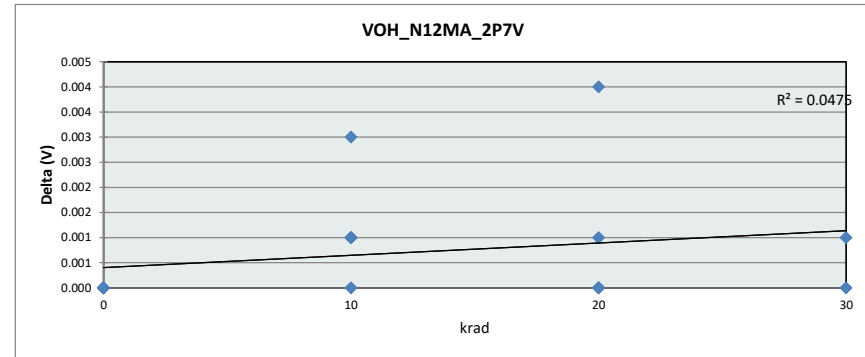
		VOH_N8MA_2P3V					
		V					
		2.4					
		1.9					
krad		0	10	20	30	31	50
LL		1.900	1.900	1.900	1.900	1.900	1.900
Min		2.154	2.153	2.153	2.153	2.152	2.153
Average		2.154	2.154	2.153	2.154	2.153	2.154
Max		2.155	2.156	2.155	2.155	2.154	2.154
UL		2.400	2.400	2.400	2.400	2.400	2.400



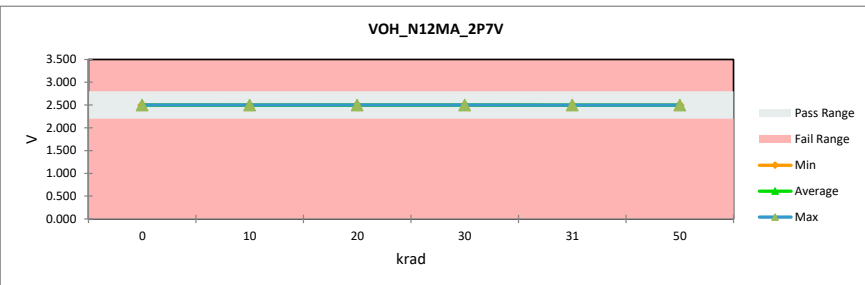
TID Report

SN54SC1G125-SEP

		VOH_N12MA_2P7V				
Units		V				
Max Limit		2.8				
Min Limit		2.2				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.500	2.500	0.000	0.00%	0.00%
0	2	2.499	2.499	0.000	0.00%	0.00%
0	3	2.498	2.498	0.000	0.00%	0.00%
0	4	2.498	2.498	0.000	0.00%	0.00%
0	5	2.498	2.498	0.000	0.00%	0.00%
10	6	2.498	2.499	0.001	0.04%	0.17%
10	7	2.497	2.498	0.001	0.04%	0.17%
10	8	2.496	2.497	0.001	0.04%	0.17%
10	9	2.498	2.501	0.003	0.12%	0.50%
10	10	2.497	2.497	0.000	0.00%	0.00%
20	11	2.497	2.498	0.001	0.04%	0.17%
20	12	2.497	2.497	0.000	0.00%	0.00%
20	13	2.496	2.500	0.004	0.16%	0.67%
20	14	2.497	2.497	0.000	0.00%	0.00%
20	15	2.497	2.497	0.000	0.00%	0.00%
30	16	2.497	2.497	0.000	0.00%	0.00%
30	17	2.497	2.498	0.001	0.04%	0.17%
30	18	2.497	2.500	0.003	0.12%	0.50%
30	19	2.499	2.498	-0.001	-0.04%	0.17%
30	20	2.496	2.500	0.004	0.16%	0.67%
31	16a	2.497	2.496	-0.001	-0.04%	0.17%
31	17a	2.497	2.497	0.000	0.00%	0.00%
31	18a	2.497	2.499	0.002	0.08%	0.33%
31	19a	2.499	2.498	-0.001	-0.04%	0.17%
31	20a	2.496	2.499	0.003	0.12%	0.50%
50	21	2.496	2.498	0.002	0.08%	0.33%
50	22	2.498	2.499	0.001	0.04%	0.17%
50	23	2.498	2.498	0.000	0.00%	0.00%
50	24	2.499	2.499	0.000	0.00%	0.00%
50	25	2.498	2.498	0.000	0.00%	0.00%
Max		2.500	2.501	0.001	0.16%	0.67%
Average		2.497	2.498	0.001	0.03%	0.17%
Min		2.496	2.496	0.000	-0.04%	0.00%
Std Dev		0.001	0.001	0.000	0.06%	0.21%

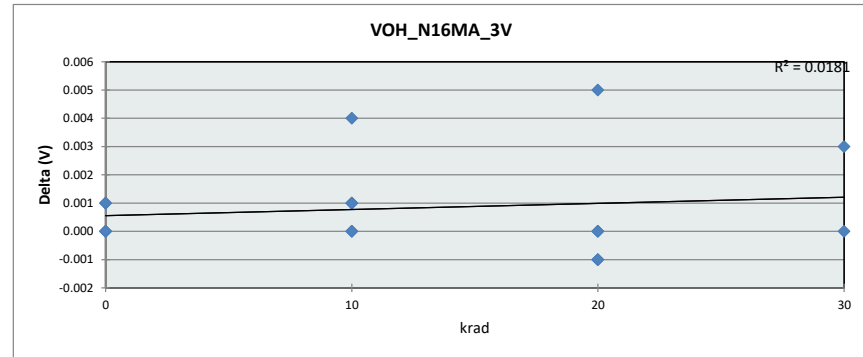


		VOH_N12MA_2P7V					
Units		V					
Max Limit		2.8					
Min Limit		2.2					
krad		0	10	20	30	31	50
LL		2.200	2.200	2.200	2.200	2.200	2.200
Min		2.498	2.497	2.497	2.497	2.496	2.498
Average		2.499	2.498	2.498	2.499	2.498	2.498
Max		2.500	2.501	2.500	2.500	2.499	2.499
UL		2.800	2.800	2.800	2.800	2.800	2.800

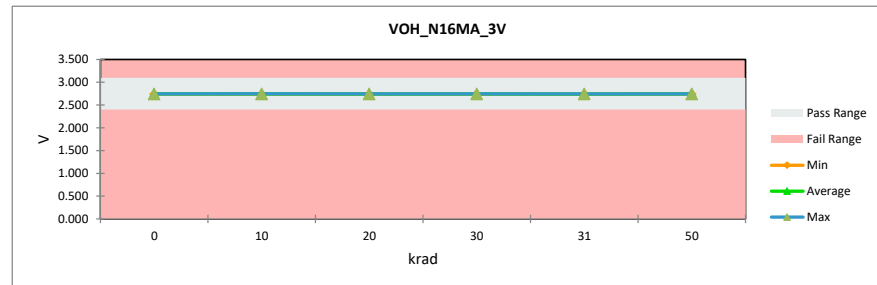


TID Report SN54SC1G125-SEP

		VOH_N16MA_3V				
Units		V				
Max Limit		3.1				
Min Limit		2.4				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.744	2.745	0.001	0.04%	0.14%
0	2	2.743	2.743	0.000	0.00%	0.00%
0	3	2.742	2.742	0.000	0.00%	0.00%
0	4	2.742	2.742	0.000	0.00%	0.00%
0	5	2.742	2.743	0.001	0.04%	0.14%
10	6	2.743	2.744	0.001	0.04%	0.14%
10	7	2.742	2.742	0.000	0.00%	0.00%
10	8	2.740	2.741	0.001	0.04%	0.14%
10	9	2.743	2.747	0.004	0.15%	0.57%
10	10	2.741	2.741	0.000	0.00%	0.00%
20	11	2.741	2.741	0.000	0.00%	0.00%
20	12	2.742	2.741	-0.001	-0.04%	0.14%
20	13	2.740	2.745	0.005	0.18%	0.71%
20	14	2.742	2.741	-0.001	-0.04%	0.14%
20	15	2.741	2.741	0.000	0.00%	0.00%
30	16	2.741	2.741	0.000	0.00%	0.00%
30	17	2.740	2.743	0.003	0.11%	0.43%
30	18	2.740	2.746	0.006	0.22%	0.86%
30	19	2.743	2.743	0.000	0.00%	0.00%
30	20	2.740	2.745	0.005	0.18%	0.71%
31	16a	2.741	2.740	-0.001	-0.04%	0.14%
31	17a	2.740	2.741	0.001	0.04%	0.14%
31	18a	2.740	2.744	0.004	0.15%	0.57%
31	19a	2.743	2.742	-0.001	-0.04%	0.14%
31	20a	2.740	2.744	0.004	0.15%	0.57%
50	21	2.740	2.743	0.003	0.11%	0.43%
50	22	2.743	2.744	0.001	0.04%	0.14%
50	23	2.742	2.742	0.000	0.00%	0.00%
50	24	2.743	2.743	0.000	0.00%	0.00%
50	25	2.743	2.743	0.000	0.00%	0.00%
Max		2.744	2.747	0.003	0.22%	0.86%
Average		2.742	2.743	0.001	0.04%	0.21%
Min		2.740	2.740	0.000	-0.04%	0.00%
Std Dev		0.001	0.002	0.000	0.07%	0.26%

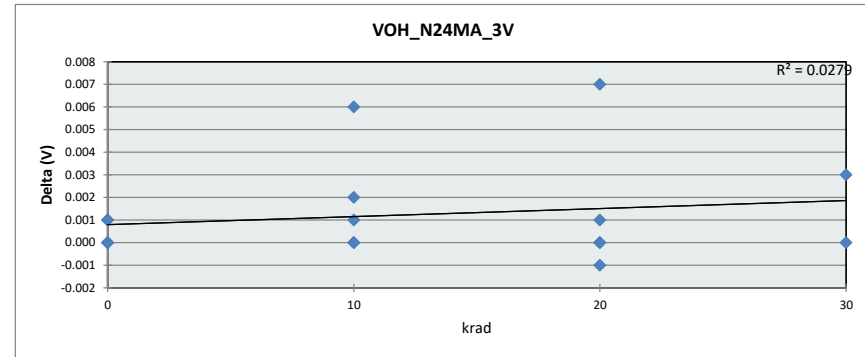


		VOH_N16MA_3V				
Units		V				
Max Limit		3.1				
Min Limit		2.4				
krad	0	10	20	30	31	50
LL	2.400	2.400	2.400	2.400	2.400	2.400
Min	2.742	2.741	2.741	2.741	2.740	2.742
Average	2.743	2.743	2.742	2.744	2.742	2.743
Max	2.745	2.747	2.745	2.746	2.744	2.744
UL	3.100	3.100	3.100	3.100	3.100	3.100

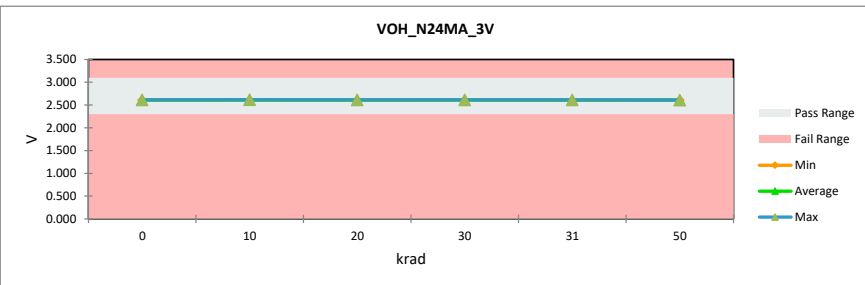


TID Report SN54SC1G125-SEP

		VOH_N24MA_3V				
Units		V				
Max Limit		3.1				
Min Limit		2.3				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.613	2.614	0.001	0.04%	0.12%
0	2	2.611	2.611	0.000	0.00%	0.00%
0	3	2.610	2.610	0.000	0.00%	0.00%
0	4	2.610	2.610	0.000	0.00%	0.00%
0	5	2.610	2.611	0.001	0.04%	0.13%
10	6	2.611	2.613	0.002	0.08%	0.25%
10	7	2.609	2.609	0.000	0.00%	0.00%
10	8	2.607	2.608	0.001	0.04%	0.12%
10	9	2.611	2.617	0.006	0.23%	0.75%
10	10	2.608	2.608	0.000	0.00%	0.00%
20	11	2.608	2.609	0.001	0.04%	0.12%
20	12	2.609	2.609	0.000	0.00%	0.00%
20	13	2.607	2.614	0.007	0.27%	0.87%
20	14	2.609	2.608	-0.001	-0.04%	0.12%
20	15	2.609	2.609	0.000	0.00%	0.00%
30	16	2.608	2.608	0.000	0.00%	0.00%
30	17	2.607	2.610	0.003	0.12%	0.37%
30	18	2.607	2.615	0.008	0.31%	1.00%
30	19	2.611	2.611	0.000	0.00%	0.00%
30	20	2.606	2.614	0.008	0.31%	1.00%
31	16a	2.608	2.607	-0.001	-0.04%	0.12%
31	17a	2.607	2.608	0.001	0.04%	0.12%
31	18a	2.607	2.613	0.006	0.23%	0.75%
31	19a	2.611	2.610	-0.001	-0.04%	0.13%
31	20a	2.606	2.612	0.006	0.23%	0.75%
50	21	2.607	2.611	0.004	0.15%	0.50%
50	22	2.611	2.612	0.001	0.04%	0.12%
50	23	2.610	2.610	0.000	0.00%	0.00%
50	24	2.612	2.611	-0.001	-0.04%	0.12%
50	25	2.610	2.610	0.000	0.00%	0.00%
Max		2.613	2.617	0.004	0.31%	1.00%
Average		2.609	2.611	0.002	0.07%	0.25%
Min		2.606	2.607	0.001	-0.04%	0.00%
Std Dev		0.002	0.002	0.001	0.11%	0.33%

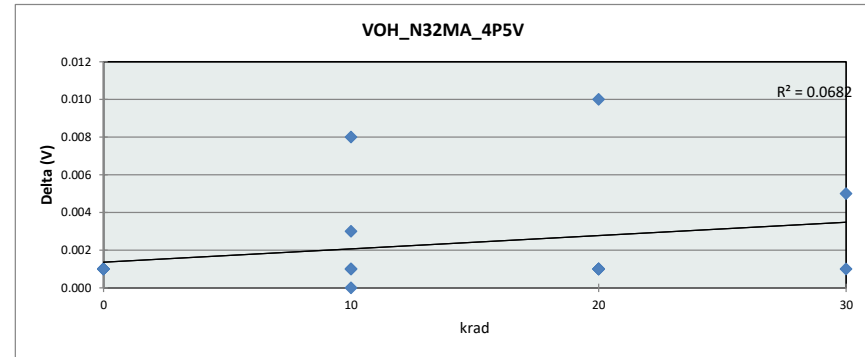


		VOH_N24MA_3V					
Units		V					
Max Limit		3.1					
Min Limit		2.3					
krad		0	10	20	30	31	50
LL		2.300	2.300	2.300	2.300	2.300	2.300
Min		2.610	2.608	2.608	2.608	2.607	2.610
Average		2.611	2.611	2.610	2.612	2.610	2.611
Max		2.614	2.617	2.614	2.615	2.613	2.612
UL		3.100	3.100	3.100	3.100	3.100	3.100

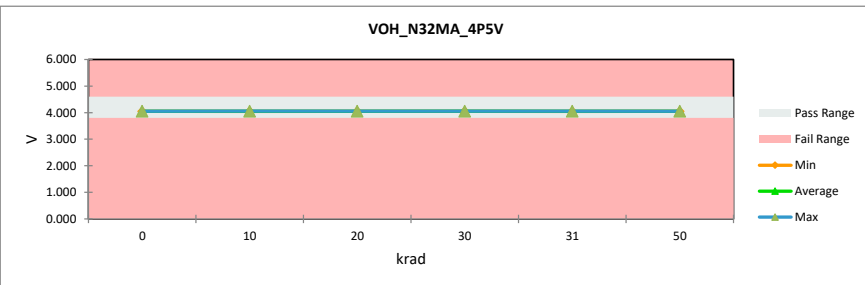


TID Report SN54SC1G125-SEP

		VOH_N32MA_4P5V				
Units		V				
Max Limit		4.6				
Min Limit		3.8				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	4.052	4.053	0.001	0.02%	0.13%
0	2	4.050	4.051	0.001	0.02%	0.13%
0	3	4.048	4.049	0.001	0.02%	0.13%
0	4	4.048	4.049	0.001	0.02%	0.13%
0	5	4.049	4.050	0.001	0.02%	0.12%
10	6	4.050	4.053	0.003	0.07%	0.38%
10	7	4.047	4.048	0.001	0.02%	0.13%
10	8	4.046	4.047	0.001	0.02%	0.12%
10	9	4.050	4.058	0.008	0.20%	1.00%
10	10	4.046	4.046	0.000	0.00%	0.00%
20	11	4.047	4.048	0.001	0.02%	0.13%
20	12	4.047	4.048	0.001	0.02%	0.13%
20	13	4.044	4.054	0.010	0.25%	1.25%
20	14	4.047	4.048	0.001	0.02%	0.13%
20	15	4.047	4.048	0.001	0.02%	0.13%
30	16	4.047	4.048	0.001	0.02%	0.13%
30	17	4.045	4.050	0.005	0.12%	0.62%
30	18	4.046	4.056	0.010	0.25%	1.25%
30	19	4.051	4.051	0.000	0.00%	0.00%
30	20	4.044	4.054	0.010	0.25%	1.25%
31	16a	4.047	4.046	-0.001	-0.02%	0.12%
31	17a	4.045	4.048	0.003	0.07%	0.38%
31	18a	4.046	4.054	0.008	0.20%	1.00%
31	19a	4.051	4.050	-0.001	-0.02%	0.13%
31	20a	4.044	4.053	0.009	0.22%	1.13%
50	21	4.045	4.052	0.007	0.17%	0.87%
50	22	4.050	4.053	0.003	0.07%	0.38%
50	23	4.049	4.050	0.001	0.02%	0.12%
50	24	4.050	4.051	0.001	0.02%	0.13%
50	25	4.049	4.050	0.001	0.02%	0.12%
	Max	4.052	4.058	0.006	0.25%	1.25%
	Average	4.048	4.051	0.003	0.07%	0.39%
	Min	4.044	4.046	0.002	-0.02%	0.00%
	Std Dev	0.002	0.003	0.001	0.09%	0.43%

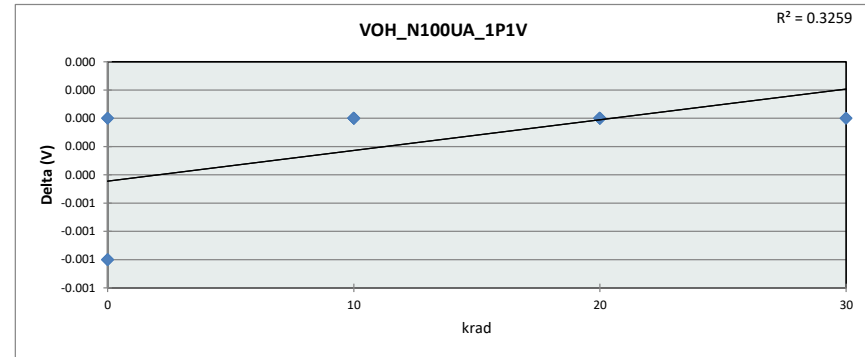


		VOH_N32MA_4P5V					
Units		V					
Max Limit		4.6					
Min Limit		3.8					
krad		0	10	20	30	31	50
LL		3.800	3.800	3.800	3.800	3.800	3.800
Min		4.049	4.046	4.048	4.048	4.046	4.050
Average		4.050	4.050	4.049	4.052	4.050	4.051
Max		4.053	4.058	4.054	4.056	4.054	4.053
UL		4.600	4.600	4.600	4.600	4.600	4.600

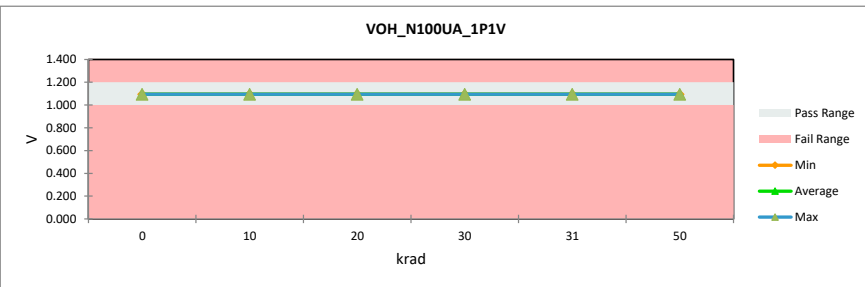


TID Report SN54SC1G125-SEP

		VOH_N100UA_1P1V				
Units		V				
Max Limit		1.2				
Min Limit		1				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.096	1.095	-0.001	-0.09%	0.50%
0	2	1.095	1.095	0.000	0.00%	0.00%
0	3	1.095	1.095	0.000	0.00%	0.00%
0	4	1.096	1.095	-0.001	-0.09%	0.50%
0	5	1.096	1.095	-0.001	-0.09%	0.50%
10	6	1.095	1.095	0.000	0.00%	0.00%
10	7	1.095	1.095	0.000	0.00%	0.00%
10	8	1.095	1.095	0.000	0.00%	0.00%
10	9	1.095	1.095	0.000	0.00%	0.00%
10	10	1.095	1.095	0.000	0.00%	0.00%
20	11	1.095	1.095	0.000	0.00%	0.00%
20	12	1.095	1.095	0.000	0.00%	0.00%
20	13	1.095	1.095	0.000	0.00%	0.00%
20	14	1.095	1.095	0.000	0.00%	0.00%
20	15	1.095	1.095	0.000	0.00%	0.00%
30	16	1.095	1.095	0.000	0.00%	0.00%
30	17	1.095	1.095	0.000	0.00%	0.00%
30	18	1.095	1.095	0.000	0.00%	0.00%
30	19	1.095	1.095	0.000	0.00%	0.00%
30	20	1.095	1.095	0.000	0.00%	0.00%
31	16a	1.095	1.095	0.000	0.00%	0.00%
31	17a	1.095	1.095	0.000	0.00%	0.00%
31	18a	1.095	1.095	0.000	0.00%	0.00%
31	19a	1.095	1.095	0.000	0.00%	0.00%
31	20a	1.095	1.095	0.000	0.00%	0.00%
50	21	1.095	1.095	0.000	0.00%	0.00%
50	22	1.095	1.095	0.000	0.00%	0.00%
50	23	1.095	1.095	0.000	0.00%	0.00%
50	24	1.095	1.095	0.000	0.00%	0.00%
50	25	1.095	1.095	0.000	0.00%	0.00%
	Max	1.096	1.095	-0.001	0.00%	0.50%
	Average	1.095	1.095	0.000	-0.01%	0.05%
	Min	1.095	1.095	0.000	-0.09%	0.00%
	Std Dev	0.000	0.000	0.000	0.03%	0.15%

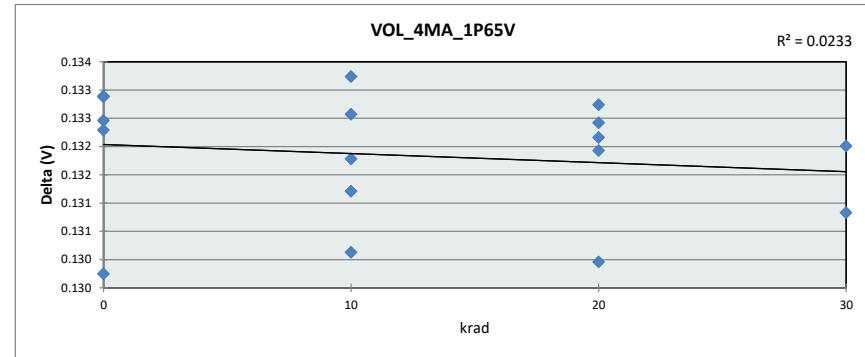


		VOH_N100UA_1P1V					
Units		V					
Max Limit		1.2					
Min Limit		1					
krad		0	10	20	30	31	50
LL		1.000	1.000	1.000	1.000	1.000	1.000
Min		1.095	1.095	1.095	1.095	1.095	1.095
Average		1.095	1.095	1.095	1.095	1.095	1.095
Max		1.095	1.095	1.095	1.095	1.095	1.095
UL		1.200	1.200	1.200	1.200	1.200	1.200

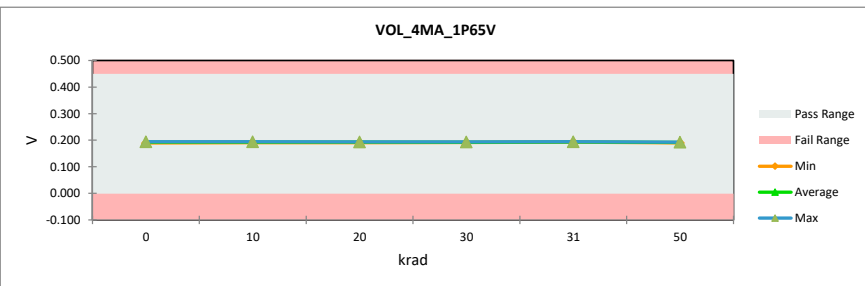


TID Report SN54SC1G125-SEP

		VOL_4MA_1P65V				
Units		V				
Max Limit		0.45				
Min Limit		-0.001				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.060	0.190	0.130	217.15%	28.77%
0	2	0.061	0.193	0.132	217.19%	29.33%
0	3	0.061	0.194	0.133	217.41%	29.46%
0	4	0.061	0.194	0.132	215.59%	29.37%
0	5	0.061	0.194	0.133	216.75%	29.47%
10	6	0.061	0.192	0.131	214.78%	29.09%
10	7	0.061	0.194	0.133	220.01%	29.54%
10	8	0.062	0.194	0.133	215.46%	29.39%
10	9	0.061	0.191	0.130	213.78%	28.85%
10	10	0.062	0.193	0.132	213.86%	29.22%
20	11	0.061	0.194	0.132	216.09%	29.36%
20	12	0.061	0.194	0.133	217.04%	29.43%
20	13	0.061	0.191	0.130	213.61%	28.82%
20	14	0.061	0.193	0.132	214.63%	29.25%
20	15	0.061	0.194	0.132	215.10%	29.30%
30	16	0.062	0.194	0.132	213.99%	29.27%
30	17	0.061	0.192	0.131	212.84%	29.01%
30	18	0.061	0.192	0.130	212.97%	28.91%
30	19	0.061	0.192	0.131	212.82%	28.98%
30	20	0.062	0.192	0.130	211.25%	28.85%
31	16a	0.062	0.194	0.133	214.96%	29.40%
31	17a	0.061	0.194	0.132	215.28%	29.34%
31	18a	0.061	0.193	0.132	214.93%	29.18%
31	19a	0.061	0.193	0.131	213.79%	29.11%
31	20a	0.062	0.193	0.131	213.36%	29.14%
50	21	0.061	0.192	0.131	212.98%	29.00%
50	22	0.060	0.190	0.130	215.37%	28.80%
50	23	0.061	0.192	0.131	213.63%	29.01%
50	24	0.060	0.190	0.130	214.87%	28.81%
50	25	0.060	0.193	0.133	222.18%	29.45%
	Max	0.062	0.194	0.133	222.18%	29.54%
	Average	0.061	0.193	0.132	215.12%	29.16%
	Min	0.060	0.190	0.130	211.25%	28.77%
	Std Dev	0.001	0.001	0.001	2.23%	0.24%

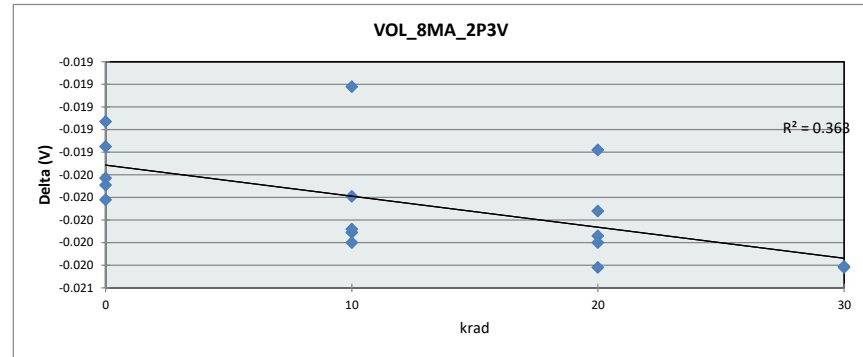


		VOL_4MA_1P65V					
Units		V					
Max Limit		0.45					
Min Limit		-0.001					
krad		0	10	20	30	31	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.190	0.191	0.191	0.192	0.193	0.190
Average		0.193	0.193	0.193	0.192	0.193	0.192
Max		0.194	0.194	0.194	0.194	0.194	0.193
UL		0.450	0.450	0.450	0.450	0.450	0.450

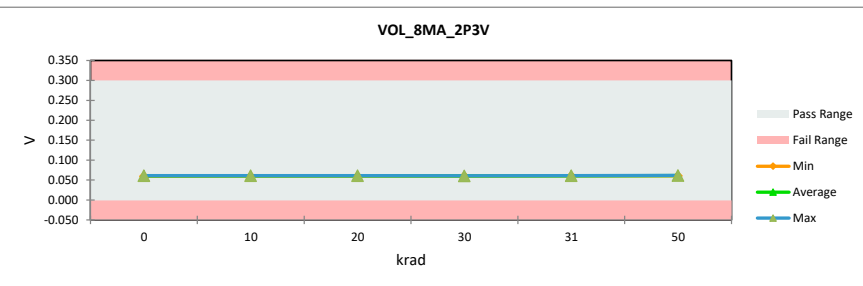


TID Report SN54SC1G125-SEP

		VOL_8MA_2P3V				
Units		V				
Max Limit		0.3				
Min Limit		-0.001				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.079	0.060	-0.019	-24.27%	6.36%
0	2	0.080	0.061	-0.019	-24.09%	6.43%
0	3	0.081	0.061	-0.020	-24.34%	6.52%
0	4	0.081	0.061	-0.020	-24.52%	6.58%
0	5	0.081	0.061	-0.020	-24.34%	6.54%
10	6	0.081	0.061	-0.020	-24.92%	6.68%
10	7	0.080	0.061	-0.019	-23.55%	6.25%
10	8	0.081	0.061	-0.020	-24.74%	6.67%
10	9	0.080	0.060	-0.020	-24.73%	6.57%
10	10	0.081	0.061	-0.020	-24.92%	6.71%
20	11	0.081	0.061	-0.020	-24.89%	6.69%
20	12	0.080	0.061	-0.019	-24.13%	6.44%
20	13	0.080	0.060	-0.020	-24.89%	6.62%
20	14	0.081	0.061	-0.020	-25.21%	6.78%
20	15	0.081	0.061	-0.020	-24.94%	6.71%
30	16	0.081	0.061	-0.020	-25.15%	6.78%
30	17	0.081	0.060	-0.020	-25.24%	6.78%
30	18	0.081	0.060	-0.020	-25.23%	6.76%
30	19	0.081	0.061	-0.020	-25.13%	6.75%
30	20	0.081	0.060	-0.021	-25.40%	6.82%
31	16a	0.081	0.061	-0.020	-24.77%	6.68%
31	17a	0.081	0.061	-0.020	-24.66%	6.62%
31	18a	0.081	0.061	-0.020	-24.72%	6.62%
31	19a	0.081	0.061	-0.020	-25.02%	6.72%
31	20a	0.081	0.061	-0.020	-25.09%	6.74%
50	21	0.081	0.062	-0.019	-24.03%	6.47%
50	22	0.080	0.061	-0.019	-23.56%	6.24%
50	23	0.081	0.062	-0.019	-24.03%	6.46%
50	24	0.080	0.061	-0.019	-24.00%	6.37%
50	25	0.079	0.062	-0.017	-21.96%	5.77%
	Max	0.081	0.062	-0.019	-21.96%	6.82%
	Average	0.081	0.061	-0.020	-24.55%	6.57%
	Min	0.079	0.060	-0.019	-25.40%	5.77%
	Std Dev	0.001	0.000	0.000	0.70%	0.22%

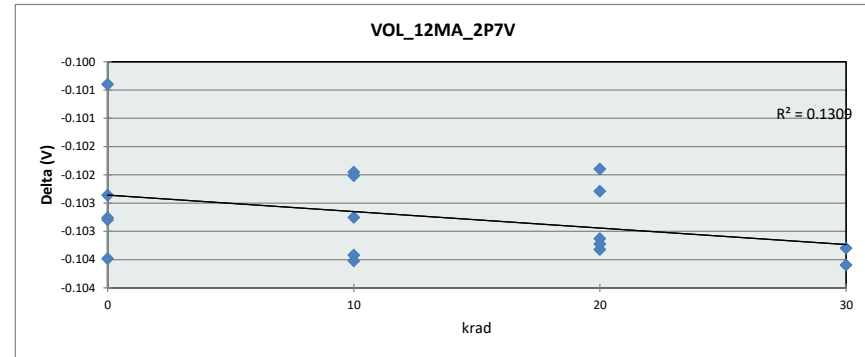


		VOL_8MA_2P3V					
Units		V					
Max Limit		0.3					
Min Limit		-0.001					
krad		0	10	20	30	31	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.060	0.060	0.060	0.060	0.061	0.061
Average		0.061	0.061	0.061	0.060	0.061	0.061
Max		0.061	0.061	0.061	0.061	0.061	0.062
UL		0.300	0.300	0.300	0.300	0.300	0.300

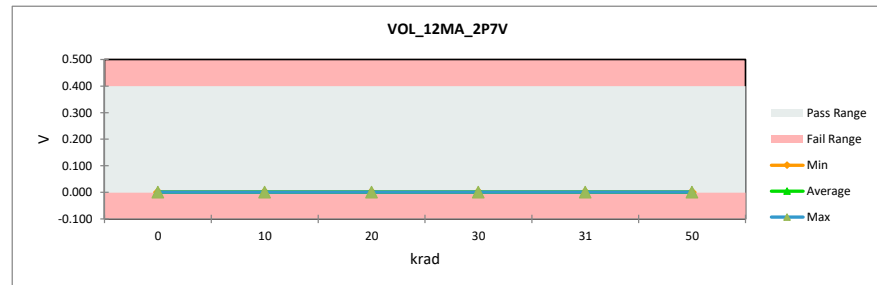


TID Report SN54SC1G125-SEP

		VOL_12MA_2P7V				
Units		V				
Max Limit		0.4				
Min Limit		-0.001				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.101	0.001	-0.100	-99.01%	25.04%
0	2	0.103	0.001	-0.102	-99.09%	25.53%
0	3	0.104	0.001	-0.103	-99.09%	25.63%
0	4	0.104	0.001	-0.103	-99.03%	25.64%
0	5	0.104	0.001	-0.103	-99.22%	25.81%
10	6	0.104	0.001	-0.103	-99.18%	25.62%
10	7	0.103	0.001	-0.102	-99.18%	25.42%
10	8	0.104	0.001	-0.104	-99.16%	25.82%
10	9	0.103	0.001	-0.102	-99.24%	25.44%
10	10	0.104	0.001	-0.103	-99.16%	25.79%
20	11	0.104	0.001	-0.103	-99.07%	25.72%
20	12	0.103	0.001	-0.102	-99.12%	25.51%
20	13	0.103	0.001	-0.102	-99.03%	25.41%
20	14	0.104	0.001	-0.103	-99.16%	25.77%
20	15	0.104	0.001	-0.103	-99.16%	25.74%
30	16	0.105	0.001	-0.104	-99.04%	25.83%
30	17	0.104	0.001	-0.103	-99.04%	25.76%
30	18	0.104	0.001	-0.103	-99.21%	25.66%
30	19	0.104	0.001	-0.103	-99.34%	25.74%
30	20	0.104	0.001	-0.103	-99.13%	25.71%
31	16a	0.105	0.001	-0.104	-99.16%	25.87%
31	17a	0.104	0.001	-0.104	-99.28%	25.82%
31	18a	0.104	0.001	-0.103	-99.18%	25.65%
31	19a	0.104	0.001	-0.103	-99.10%	25.68%
31	20a	0.104	0.001	-0.103	-99.25%	25.74%
50	21	0.104	0.001	-0.104	-99.34%	25.81%
50	22	0.103	0.001	-0.102	-99.21%	25.41%
50	23	0.104	0.001	-0.103	-99.25%	25.74%
50	24	0.103	0.001	-0.102	-99.06%	25.39%
50	25	0.102	0.001	-0.101	-99.23%	25.19%
	Max	0.105	0.001	-0.104	-99.01%	25.87%
	Average	0.104	0.001	-0.103	-99.16%	25.63%
	Min	0.101	0.001	-0.101	-99.34%	25.04%
	Std Dev	0.001	0.000	-0.001	0.09%	0.20%

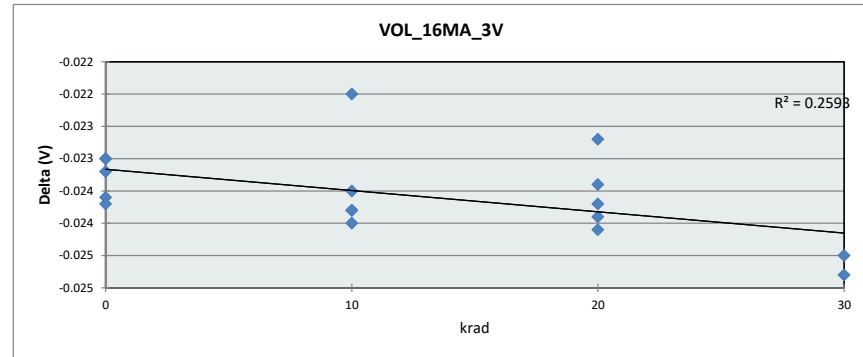


		VOL_12MA_2P7V					
Units		V					
Max Limit		0.4					
Min Limit		-0.001					
krad		0	10	20	30	31	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.001	0.001	0.001	0.001	0.001	0.001
Average		0.001	0.001	0.001	0.001	0.001	0.001
Max		0.001	0.001	0.001	0.001	0.001	0.001
UL		0.400	0.400	0.400	0.400	0.400	0.400

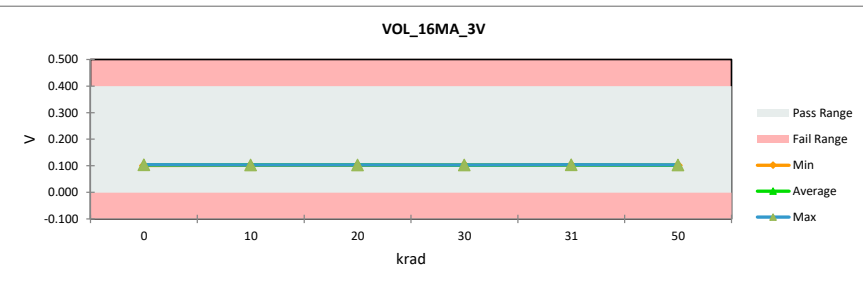


TID Report SN54SC1G125-SEP

		VOL_16MA_3V				
Units		V				
Max Limit		0.4				
Min Limit		-0.001				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.124	0.101	-0.023	-18.55%	5.74%
0	2	0.126	0.103	-0.023	-18.23%	5.74%
0	3	0.127	0.104	-0.023	-18.31%	5.79%
0	4	0.127	0.104	-0.024	-18.57%	5.89%
0	5	0.127	0.104	-0.024	-18.60%	5.91%
10	6	0.127	0.103	-0.024	-18.81%	5.94%
10	7	0.126	0.104	-0.022	-17.52%	5.49%
10	8	0.128	0.104	-0.024	-18.81%	5.99%
10	9	0.126	0.102	-0.024	-18.73%	5.86%
10	10	0.127	0.103	-0.024	-18.74%	5.94%
20	11	0.127	0.104	-0.023	-18.44%	5.84%
20	12	0.126	0.103	-0.023	-18.00%	5.66%
20	13	0.126	0.102	-0.024	-18.85%	5.91%
20	14	0.127	0.103	-0.024	-18.82%	5.96%
20	15	0.127	0.103	-0.024	-18.95%	6.01%
30	16	0.128	0.103	-0.025	-19.22%	6.11%
30	17	0.127	0.103	-0.025	-19.48%	6.18%
30	18	0.127	0.102	-0.024	-19.26%	6.08%
30	19	0.127	0.102	-0.024	-19.12%	6.03%
30	20	0.127	0.102	-0.024	-19.26%	6.08%
31	16a	0.128	0.104	-0.024	-18.51%	5.89%
31	17a	0.127	0.103	-0.024	-18.77%	5.96%
31	18a	0.127	0.103	-0.024	-18.78%	5.94%
31	19a	0.127	0.103	-0.024	-18.72%	5.91%
31	20a	0.127	0.103	-0.024	-18.78%	5.94%
50	21	0.127	0.103	-0.024	-19.18%	6.08%
50	22	0.125	0.102	-0.024	-18.90%	5.91%
50	23	0.127	0.103	-0.024	-18.94%	5.99%
50	24	0.126	0.102	-0.024	-19.03%	5.96%
50	25	0.124	0.103	-0.021	-16.99%	5.26%
Max		0.128	0.104	-0.024	-16.99%	6.18%
Average		0.127	0.103	-0.024	-18.70%	5.90%
Min		0.124	0.101	-0.023	-19.48%	5.26%
Std Dev		0.001	0.001	0.000	0.51%	0.19%

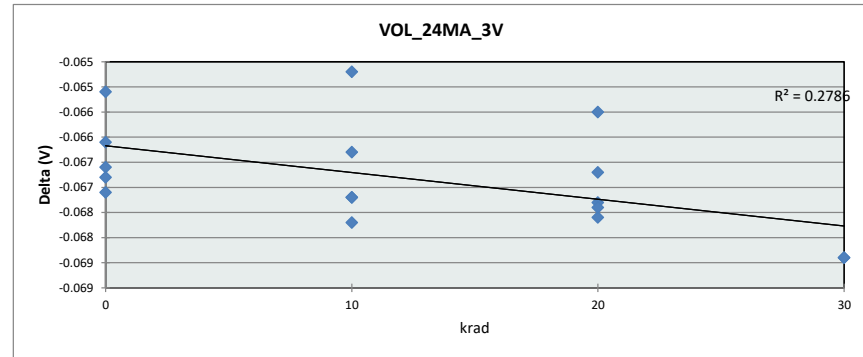


		VOL_16MA_3V				
Units		V				
Max Limit		0.4				
Min Limit		-0.001				
krad	0	10	20	30	31	50
LL	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min	0.101	0.102	0.102	0.102	0.103	0.102
Average	0.103	0.103	0.103	0.103	0.103	0.102
Max	0.104	0.104	0.104	0.103	0.104	0.103
UL	0.400	0.400	0.400	0.400	0.400	0.400

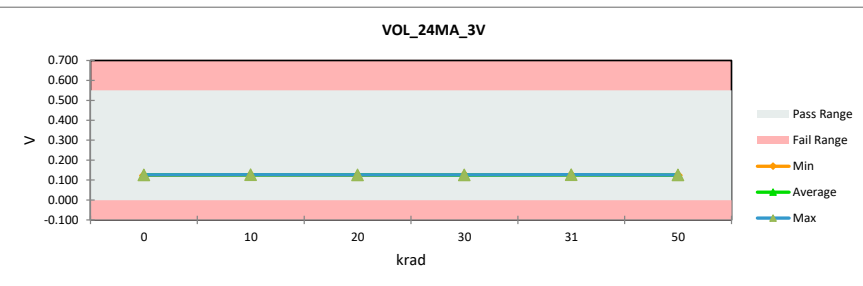


TID Report SN54SC1G125-SEP

		VOL_24MA_3V				
Units		V				
Max Limit		0.55				
Min Limit		-0.001				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.189	0.124	-0.065	-34.48%	11.81%
0	2	0.192	0.126	-0.066	-34.41%	12.00%
0	3	0.193	0.127	-0.067	-34.47%	12.09%
0	4	0.193	0.127	-0.067	-34.54%	12.12%
0	5	0.194	0.127	-0.067	-34.62%	12.18%
10	6	0.193	0.126	-0.067	-34.87%	12.20%
10	7	0.191	0.126	-0.065	-33.86%	11.74%
10	8	0.194	0.127	-0.067	-34.62%	12.20%
10	9	0.191	0.125	-0.066	-34.69%	12.03%
10	10	0.194	0.126	-0.068	-34.93%	12.29%
20	11	0.194	0.126	-0.067	-34.76%	12.21%
20	12	0.192	0.127	-0.066	-34.11%	11.89%
20	13	0.191	0.125	-0.067	-34.87%	12.11%
20	14	0.194	0.126	-0.068	-34.92%	12.27%
20	15	0.194	0.126	-0.067	-34.80%	12.23%
30	16	0.195	0.126	-0.068	-35.15%	12.41%
30	17	0.194	0.125	-0.068	-35.29%	12.41%
30	18	0.193	0.125	-0.068	-35.18%	12.32%
30	19	0.193	0.125	-0.068	-35.11%	12.30%
30	20	0.193	0.125	-0.068	-35.25%	12.36%
31	16a	0.195	0.127	-0.068	-34.84%	12.30%
31	17a	0.194	0.127	-0.067	-34.73%	12.21%
31	18a	0.193	0.126	-0.067	-34.87%	12.21%
31	19a	0.193	0.126	-0.068	-34.96%	12.25%
31	20a	0.193	0.126	-0.067	-34.83%	12.21%
50	21	0.194	0.126	-0.068	-35.07%	12.32%
50	22	0.191	0.124	-0.067	-34.89%	12.09%
50	23	0.193	0.126	-0.068	-35.06%	12.30%
50	24	0.191	0.125	-0.066	-34.78%	12.05%
50	25	0.189	0.126	-0.063	-33.39%	11.45%
	Max	0.195	0.127	-0.068	-33.39%	12.41%
	Average	0.193	0.126	-0.067	-34.75%	12.15%
	Min	0.189	0.124	-0.065	-35.29%	11.45%
	Std Dev	0.001	0.001	-0.001	0.41%	0.21%

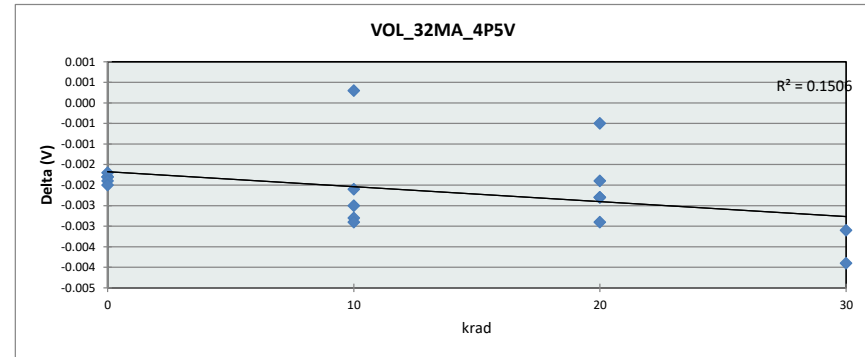


		VOL_24MA_3V					
Units		V					
Max Limit		0.55					
Min Limit		-0.001					
krad		0	10	20	30	31	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.124	0.125	0.125	0.125	0.126	0.124
Average		0.126	0.126	0.126	0.125	0.126	0.125
Max		0.127	0.127	0.127	0.126	0.127	0.126
UL		0.550	0.550	0.550	0.550	0.550	0.550

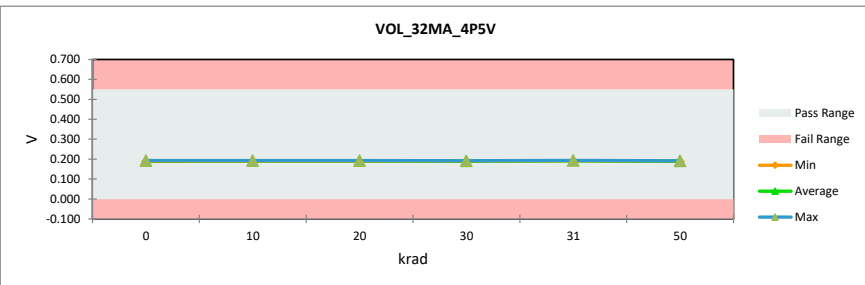


TID Report SN54SC1G125-SEP

		VOL_32MA_4P5V				
Units		V				
Max Limit		0.55				
Min Limit		-0.001				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.190	0.188	-0.002	-0.95%	0.33%
0	2	0.194	0.192	-0.002	-0.93%	0.33%
0	3	0.194	0.193	-0.002	-0.87%	0.31%
0	4	0.195	0.193	-0.002	-0.98%	0.34%
0	5	0.195	0.193	-0.002	-1.03%	0.36%
10	6	0.194	0.191	-0.003	-1.44%	0.51%
10	7	0.192	0.193	0.000	0.16%	0.05%
10	8	0.195	0.193	-0.002	-1.08%	0.38%
10	9	0.192	0.190	-0.003	-1.30%	0.45%
10	10	0.195	0.192	-0.003	-1.49%	0.53%
20	11	0.194	0.193	-0.002	-0.98%	0.34%
20	12	0.193	0.192	-0.001	-0.26%	0.09%
20	13	0.192	0.190	-0.002	-1.20%	0.42%
20	14	0.195	0.192	-0.003	-1.49%	0.53%
20	15	0.195	0.192	-0.002	-1.18%	0.42%
30	16	0.195	0.192	-0.003	-1.59%	0.56%
30	17	0.195	0.191	-0.004	-2.00%	0.71%
30	18	0.194	0.190	-0.003	-1.70%	0.60%
30	19	0.194	0.191	-0.003	-1.70%	0.60%
30	20	0.194	0.191	-0.004	-1.80%	0.64%
31	16a	0.195	0.194	-0.002	-0.97%	0.34%
31	17a	0.195	0.192	-0.002	-1.23%	0.44%
31	18a	0.194	0.191	-0.002	-1.19%	0.42%
31	19a	0.194	0.191	-0.003	-1.34%	0.47%
31	20a	0.194	0.192	-0.002	-1.18%	0.42%
50	21	0.194	0.191	-0.003	-1.59%	0.56%
50	22	0.192	0.189	-0.003	-1.56%	0.54%
50	23	0.195	0.191	-0.004	-1.95%	0.69%
50	24	0.192	0.189	-0.003	-1.46%	0.51%
50	25	0.190	0.192	0.002	0.79%	0.27%
	Max	0.195	0.194	-0.002	0.79%	0.71%
	Average	0.194	0.191	-0.002	-1.18%	0.44%
	Min	0.190	0.188	-0.002	-2.00%	0.05%
	Std Dev	0.001	0.001	0.000	0.59%	0.15%

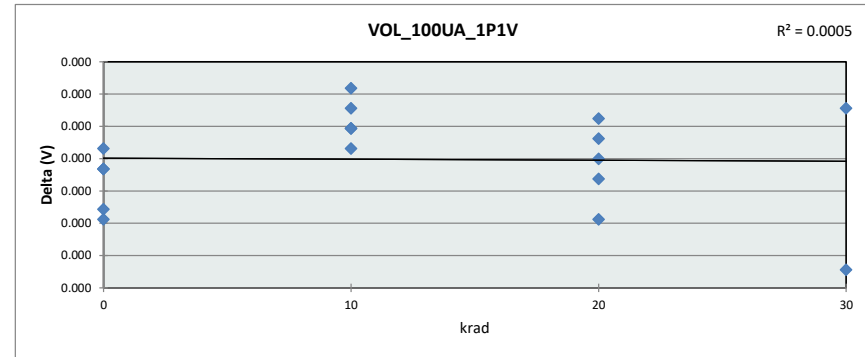


		VOL_32MA_4P5V					
Units		V					
Max Limit		0.55					
Min Limit		-0.001					
krad		0	10	20	30	31	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.188	0.190	0.190	0.190	0.191	0.189
Average		0.192	0.192	0.192	0.191	0.192	0.191
Max		0.193	0.193	0.193	0.192	0.194	0.192
UL		0.550	0.550	0.550	0.550	0.550	0.550

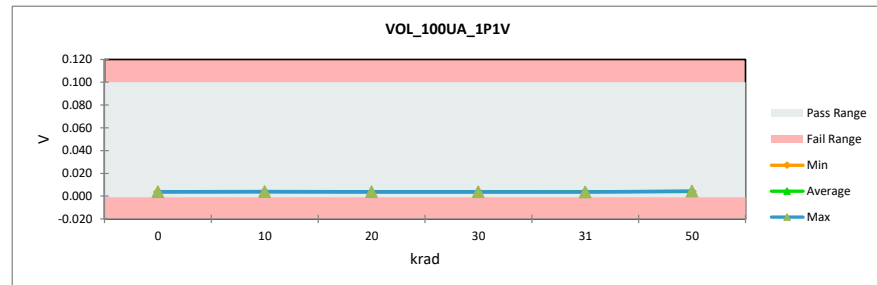


TID Report SN54SC1G125-SEP

		VOL_100UA_1P1V				
Units		V				
Max Limit		0.1				
Min Limit		-0.001				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.004	0.004	0.000	-4.11%	0.16%
0	2	0.004	0.004	0.000	-0.83%	0.03%
0	3	0.004	0.004	0.000	-0.81%	0.03%
0	4	0.004	0.004	0.000	0.80%	0.03%
0	5	0.004	0.004	0.000	-4.81%	0.19%
10	6	0.004	0.004	0.000	5.76%	0.22%
10	7	0.004	0.004	0.000	4.16%	0.15%
10	8	0.004	0.004	0.000	2.50%	0.09%
10	9	0.004	0.004	0.000	2.46%	0.09%
10	10	0.004	0.004	0.000	0.83%	0.03%
20	11	0.004	0.004	0.000	-1.71%	0.06%
20	12	0.004	0.004	0.000	-0.03%	0.00%
20	13	0.004	0.004	0.000	1.64%	0.06%
20	14	0.004	0.004	0.000	3.28%	0.12%
20	15	0.004	0.004	0.000	-4.77%	0.19%
30	16	0.004	0.004	0.000	-8.87%	0.34%
30	17	0.004	0.004	0.000	4.23%	0.15%
30	18	0.004	0.004	0.000	5.02%	0.19%
30	19	0.004	0.004	0.000	-1.65%	0.06%
30	20	0.004	0.004	0.000	-3.33%	0.12%
31	16a	0.004	0.004	0.000	-3.22%	0.12%
31	17a	0.004	0.004	0.000	-0.03%	0.00%
31	18a	0.004	0.004	0.000	-1.69%	0.06%
31	19a	0.004	0.004	0.000	-2.46%	0.09%
31	20a	0.004	0.004	0.000	0.79%	0.03%
50	21	0.004	0.004	0.001	12.89%	0.50%
50	22	0.004	0.004	0.001	14.38%	0.53%
50	23	0.004	0.004	0.001	14.14%	0.53%
50	24	0.004	0.004	0.000	11.54%	0.43%
50	25	0.004	0.004	0.000	9.29%	0.34%
Max		0.004	0.004	0.000	14.38%	0.53%
Average		0.004	0.004	0.000	1.85%	0.17%
Min		0.004	0.004	0.000	-8.87%	0.00%
Std Dev		0.000	0.000	0.000	5.84%	0.16%



		VOL_100UA_1P1V					
Units		V					
Max Limit		0.1					
Min Limit		-0.001					
krad		0	10	20	30	31	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.004	0.004	0.004	0.004	0.004	0.004
Average		0.004	0.004	0.004	0.004	0.004	0.004
Max		0.004	0.004	0.004	0.004	0.004	0.004
UL		0.100	0.100	0.100	0.100	0.100	0.100



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