



ABSTRACT

This report covers the radiation characterization results of the SN54SC8T573-SEP, radiation tolerant octal transparent D-type latches with 3-state outputs. 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 72 hour room temperature anneal). Radiation Lot Acceptance Testing (RLAT) is performed using 5 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 SN54SC8T573-SEP is packaged in a space enhanced plastic package for low outgassing characteristics and is Single Event Latch-Up (SEL) immune up to 50MeV-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.

The SN54SC8T573-SEP Total Ionizing Dose (TID) Report covers the TID performance of all devices listed below. The SN54SC8T573-SEP device covers all functional blocks and active die area of the other devices, which is why the device was selected for single-event effect testing for this group of devices.

- SN54SC8T573-SEP
- SN54SC8T373-SEP

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Trademarks

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1 Device Information

The SN54SC8T573-SEP devices are octal transparent D-type latches that feature 3-state outputs designed specifically for driving highly capacitive or relatively low-impedance loads. They are particularly suitable for implementing buffer registers, I/O ports, bidirectional bus drivers, and working registers.

While the latch-enable (LE) input is high, the Q outputs respond to the data (D) inputs. When LE is low, the outputs are latched to retain the data that was set up.

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	SN54SC8T573-SEP
VID Number	V62/25628
Package	20-pin PW (TSSOP)
Technology	LBC9
Die Lot Number	3282526RFB
A/T Lot Number and Date Code	4169602ML4 / 42C8FYK
Quantity Tested	21 irradiated devices + 4 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	176.95rad(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 SN54SC8T573-SEP samples were irradiated at a high dose rate of 176.95rad(Si)/s up to 50krad(Si) (115.74mrad(Si)/s effective does 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 SN54SC8T573-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 176.95rads(Si)/s (115.74mrad(Si)/s effective does 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.

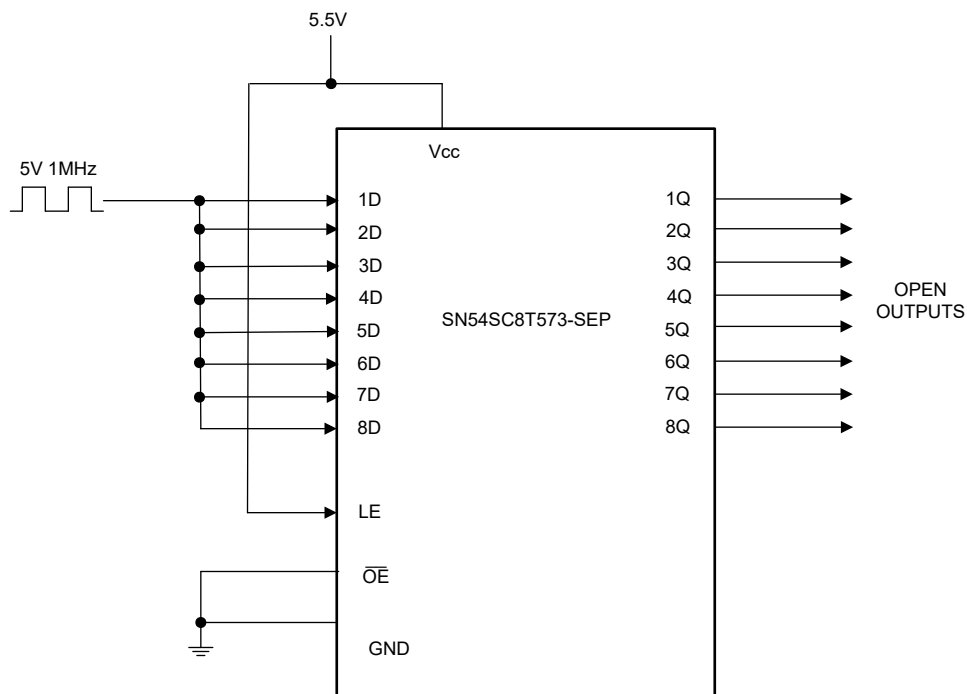


Figure 2-1. SN54SC8T573-SEP Bias Diagram

2.4 Test Configuration and Condition

A step stress (10k, 20k, 30k and 50k) test method was used to determine the TID hardness level. That is, after a predetermined TID level was reached, an electrical test was performed on a given sample of parts to verify that the units are within specified data sheet electrical test limits. The HDR RLAT units were irradiated to 30krad(Si), parametrically tested on ATE, and then were annealed at 25°C for 72 hours. The units that were irradiated to 30krad(Si) and were 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 = 176.95rad(Si)/s Effective Dose Rate (30krad + Anneal 72 hours) = 115.74mrad(Si)/s				
	Total Samples: 21 Biased				
Total Samples: 4	Exposure Levels				
0krad (Si)	10krad (Si)	20krad(Si)	30krad(Si)		50krad (Si)
Biased	Biased	Biased	Biased	Biased + 72 hour anneal	Biased
1 - 4	5 - 9	10 - 14	15 - 20	15a - 20a	21 - 25

3 TID Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the SN54SC8T573-SEP passes up to 30krad(Si) (with 72 hour room temperature anneal) HDR TID irradiation. The drifts of the electrical parameters through HDR were within the data sheet limits.

Overall, the SN54SC8T573-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- and post-irradiation were still within the electrical performance characteristics specified in the data sheet electrical parameters. For the data sheet electrical parameters and associated tests, see [SN54SC8T573-SEP Radiation-Tolerant, Octal Transparent D-Type Latches with 3-State Outputs](#).

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

3.2 Specification Compliance Matrix

Table 3-1. Electrical Parameters Table

Parameter	Test Conditions	V _{CC}	T _A = -55°C to +125°C			Unit	Test Name
			MIN	TYP	MAX		
V _{T+} 1	Positive-going input threshold voltage	1.2V to 1.3V	0.31	0.655	1.1	V	VTP_1P2V
		1.65V to 2V	0.39	0.915	1.32		VTP_1P65V
		2.25V to 2.75V	0.51	1.09	1.51		VTP_2P25V
		3V to 3.6V	0.65	1.2	1.7		VTP_3V
		4.5V to 5.5V	0.87	1.51	2.16		VTP_4P5V, VTP_5P5V
V _{T-} 1	Negative-going input threshold voltage	1.2V to 1.3V	0.11	0.349	0.60	V	VTN_1P2V
		1.65V to 2V	0.18	0.455	0.63		VTN_1P65V
		2.25V to 2.75V	0.25	0.545	0.74		VTN_2P25V
		3V to 3.6V	0.33	0.635	0.85		VTN_3V
		4.5V to 5.5V	0.45	0.755	1.14		VTN_4P5V, VTN_5P5V
ΔV _T 1	Hysteresis (V _{T+} - V _{T-})	1.2V to 1.3V	0.2	0.29	0.77	V	DELTAVT_1P2V
		1.65V to 2V	0.21	0.43	0.88		DELTAVT_1P65V
		2.25V to 2.75V	0.25	0.54	0.91		DELTAVT_2P25V
		3V to 3.6V	0.31	0.63	0.91		DELTAVT_3V
		4.5V to 5.5V	0.43	0.75	1.05		DELTAVT_4P5V, DELTAVT_5P5V
V _{IH}	High-level input voltage	1.2V to 1.3V	0.78			V	VIH_1P2V
		1.65V to 2V	1.1				VIH_1P65V
		2.25V to 2.75V	1.28				VIH_2P25V
		3V to 3.6V	1.45				VIH_3V
		4.5V to 5.5V	2				VIH_4P5V, VIH_5P5V
V _{IL}	Low-Level input voltage	1.2V to 1.3V			0.18	V	VIL_1P2V
		1.65V to 2V			0.5		VIL_1P65V
		2.25V to 2.75V			0.65		VIL_2P25V
		3V to 3.6V			0.75		VIL_3V
		4.5V to 5.5V			0.85		VIL_4P5V, VIL_5P5V
V _{OH} 2	I _{OH} = -50μA	1.2V to 5.5V	V _{CC} -0.2			V	VOH_N50UA_1P2V, VOH_N50UA_5P5V
	I _{OH} = -1mA	1.2V	0.8				VOH_N1MA_1P2V
	I _{OH} = -2mA	1.65V to 2V	1.21				VOH_N2MA_1P65V
	I _{OH} = -3mA	2.25V to 2.75V	1.93				VOH_N3MA_2P25V
	I _{OH} = -5.5mA	3V to 3.6V	2.49				VOH_N5P5MA_3V
	I _{OH} = -8mA	4.5V to 5.5V	3.95				VOH_N8MA_4P5V
	I _{OH} = -24mA	4.5V to 5.5V	3.15				VOH_N24MA_5P5V
V _{OL}	I _{OL} = 50μA	1.2V to 5.5V			0.1	V	VOL_50UA_1P2V, VOL_50UA_5P5V
	I _{OL} = 1mA	1.2V			0.2		VOL_1MA_1P2V
	I _{OL} = 2mA	1.65V to 2V			0.25		VOL_2MA_1P65V
	I _{OL} = 3mA	2.25V to 2.75V			0.2		VOL_3MA_2P25V
	I _{OL} = 5.5mA	3V to 3.6V			0.25		VOL_5P5MA_3V
	I _{OL} = 8mA	4.5V to 5.5V			0.35		VOL_8MA_4P5V
	I _{OL} = 24mA	4.5V to 5.5V			0.75		VOL_24MA_5P5V
I _{CC}	V _I = V _{CC} or GND, I _O = 0	1.2V to 5.5V		2	220	μA	ICC_5P5V
ΔI _{CC}	One input at 0.3V or 3.4V, other inputs at V _{CC} or GND	5.5V			1.5	mA	DELTAICC_5P5V
	One input at 0.3V or 1.1V, other inputs at V _{CC} or GND	1.8V			68	μA	DELTAICC_1P8V
I _{OZ} 3	V _O = V _{CC} or GND	5.5V			±26	μA	IOZ_5P5V
I _I	V _I = 0V to V _{CC}	V _I = 0V to V _{CC}			±1	μA	II_5P5V

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

4 Reference Documents

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

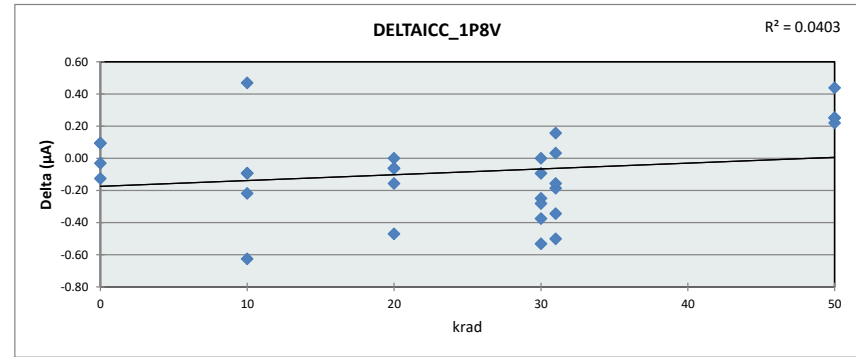
5 Appendix: HDR TID Report Data

This appendix provides the SN54SC8T573-SEP TID HDR report. The report shows the variation for each parameter up to 50krad(Si).

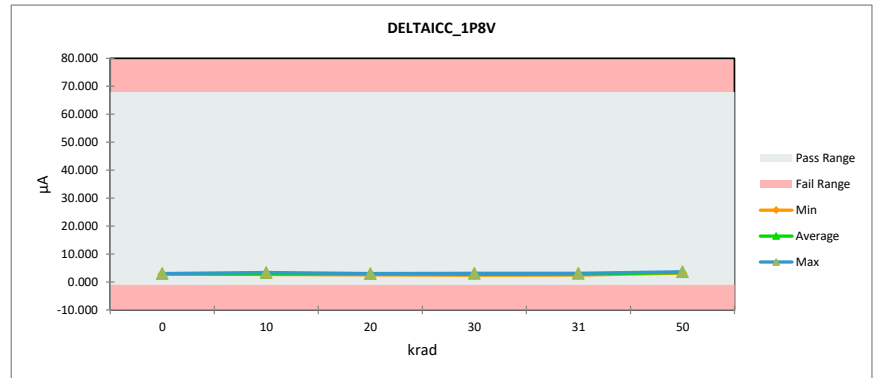
TID Report

SN54SC8T573-SEP

		DELTAICC_1P8V					
		Units		μA			
		Max Limit		68			
		Min Limit		-1			
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range	
0	1	2.754	2.848	0.09	3.41%	0.14%	
0	2	2.911	2.785	-0.13	-4.33%	0.18%	
0	3	2.723	2.817	0.09	3.45%	0.14%	
0	4	3.036	3.005	-0.03	-1.02%	0.04%	
10	5	2.973	2.879	-0.09	-3.16%	0.14%	
10	6	3.286	2.660	-0.63	-19.05%	0.91%	
10	7	2.785	2.692	-0.09	-3.34%	0.13%	
10	8	2.942	3.411	0.47	15.94%	0.68%	
10	9	3.098	2.879	-0.22	-7.07%	0.32%	
20	10	3.005	2.535	-0.47	-15.64%	0.68%	
20	11	3.067	3.005	-0.06	-2.02%	0.09%	
20	12	2.911	2.848	-0.06	-2.16%	0.09%	
20	13	2.942	2.942	0.00	0.00%	0.00%	
20	14	3.130	2.973	-0.16	-5.02%	0.23%	
30	15	2.942	2.692	-0.25	-8.50%	0.36%	
30	16	2.973	2.973	0.00	0.00%	0.00%	
30	17	2.785	2.410	-0.38	-13.46%	0.54%	
30	18	3.192	3.098	-0.09	-2.94%	0.14%	
30	19	2.879	2.598	-0.28	-9.76%	0.41%	
30	20	3.224	2.692	-0.53	-16.50%	0.77%	
31	15a	2.942	2.598	-0.34	-11.69%	0.50%	
31	16a	2.973	2.472	-0.50	-16.85%	0.73%	
31	17a	2.785	2.942	0.16	5.64%	0.23%	
31	18a	3.192	3.005	-0.19	-5.86%	0.27%	
31	19a	2.879	2.911	0.03	1.11%	0.05%	
31	20a	3.224	3.067	-0.16	-4.87%	0.23%	
50	21	2.973	3.224	0.25	8.44%	0.36%	
50	22	2.942	3.161	0.22	7.44%	0.32%	
50	23	3.130	3.568	0.44	13.99%	0.63%	
50	24	3.098	3.349	0.25	8.10%	0.36%	
50	25	2.879	3.630	0.75	26.09%	1.09%	
Max		3.286	3.568	0.28	15.94%	0.91%	
Average		2.990	2.901	-0.09	-2.86%	0.32%	
Min		2.723	2.410	-0.31	-19.05%	0.00%	
Std Dev		0.150	0.272	0.12	8.90%	0.25%	

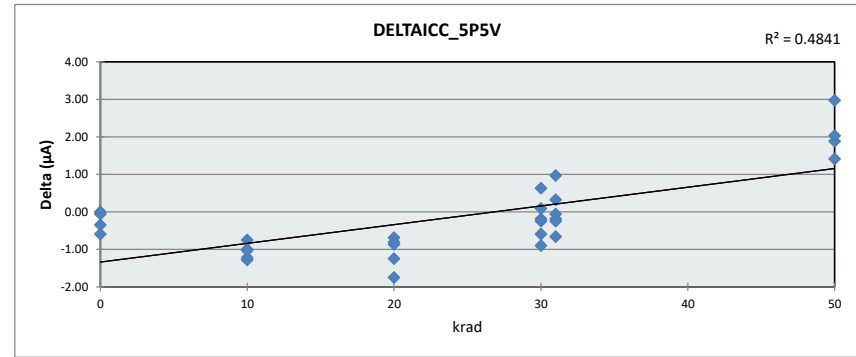


		DELTAICC_1P8V					
		Units		μA			
		Max Limit		68			
		Min Limit		-1			
krad		0	10	20	30	31	50
LL		-1.000	-1.000	-1.000	-1.000	-1.000	-1.000
Min		2.785	2.660	2.535	2.410	2.472	3.161
Average		2.864	2.904	2.861	2.744	2.833	3.386
Max		3.005	3.411	3.005	3.098	3.067	3.630
UL		68.000	68.000	68.000	68.000	68.000	68.000

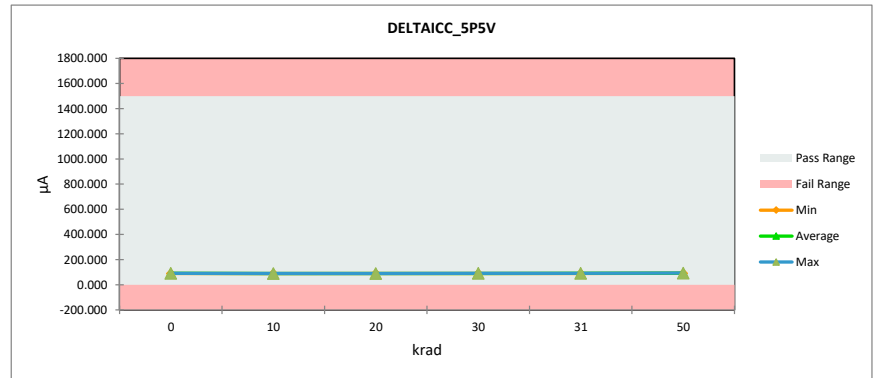


TID Report SN54SC8T573-SEP

DELTAICC_5P5V						
Units	μA					
Max Limit	1500					
Min Limit	-1					
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	90.890	90.890	0.00	0.00%	0.00%
0	2	90.700	90.350	-0.35	-0.39%	0.02%
0	3	90.200	90.140	-0.06	-0.07%	0.00%
0	4	90.320	89.730	-0.59	-0.65%	0.04%
10	5	90.100	89.350	-0.75	-0.83%	0.05%
10	6	89.920	88.700	-1.22	-1.36%	0.08%
10	7	90.480	89.480	-1.00	-1.11%	0.07%
10	8	90.510	89.480	-1.03	-1.14%	0.07%
10	9	90.290	89.010	-1.28	-1.42%	0.09%
20	10	90.070	89.200	-0.87	-0.97%	0.06%
20	11	90.670	88.920	-1.75	-1.93%	0.12%
20	12	90.070	89.380	-0.69	-0.77%	0.05%
20	13	90.230	88.980	-1.25	-1.39%	0.08%
20	14	90.480	89.670	-0.81	-0.90%	0.05%
30	15	90.640	90.450	-0.19	-0.21%	0.01%
30	16	90.390	90.480	0.09	0.10%	0.01%
30	17	90.480	90.230	-0.25	-0.28%	0.02%
30	18	90.100	90.730	0.63	0.70%	0.04%
30	19	90.070	89.480	-0.59	-0.66%	0.04%
30	20	90.320	89.420	-0.90	-1.00%	0.06%
31	15a	90.640	90.450	-0.19	-0.21%	0.01%
31	16a	90.390	89.730	-0.66	-0.73%	0.04%
31	17a	90.480	90.230	-0.25	-0.28%	0.02%
31	18a	90.100	91.070	0.97	1.08%	0.06%
31	19a	90.070	90.390	0.32	0.36%	0.02%
31	20a	90.320	90.260	-0.06	-0.07%	0.00%
50	21	90.230	92.110	1.88	2.08%	0.13%
50	22	89.980	92.010	2.03	2.26%	0.14%
50	23	90.510	91.920	1.41	1.56%	0.09%
50	24	90.170	93.140	2.97	3.29%	0.20%
50	25	90.450	91.450	1.00	1.11%	0.07%
	Max	90.890	93.140	2.25	3.29%	0.20%
	Average	90.327	90.179	-0.15	-0.16%	0.06%
	Min	89.920	88.700	-1.22	-1.93%	0.00%
	Std Dev	0.242	1.057	0.81	1.20%	0.05%

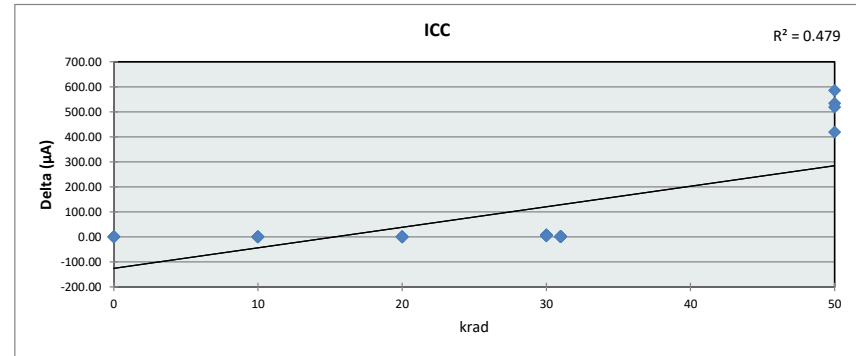


DELTAICC_5P5V						
Units	μA					
Max Limit	1500					
Min Limit	-1					
krad	0	10	20	30	31	50
LL	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000
Min	89.730	88.700	88.920	89.420	89.730	91.450
Average	90.278	89.204	89.230	90.132	90.355	92.126
Max	90.890	89.480	89.670	90.730	91.070	93.140
UL	1500.000	1500.000	1500.000	1500.000	1500.000	1500.000

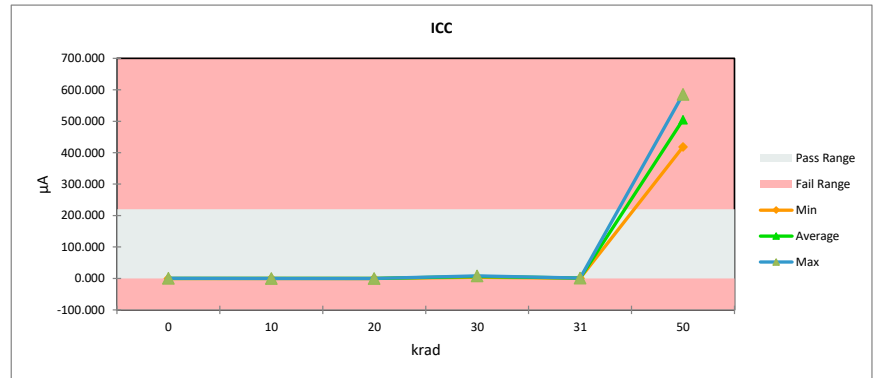


TID Report SN54SC8T573-SEP

		ICC				
Units		μA				
Max Limit		220				
Min Limit		-0.1				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.049	0.070	0.02	44.03%	0.01%
0	2	0.049	0.850	0.80	1619.02%	0.36%
0	3	0.068	0.076	0.01	11.10%	0.00%
0	4	0.040	0.045	0.00	11.70%	0.00%
10	5	0.044	0.039	-0.01	-12.02%	0.00%
10	6	0.048	0.066	0.02	38.71%	0.01%
10	7	0.043	0.036	-0.01	-14.76%	0.00%
10	8	0.036	0.036	0.00	0.00%	0.00%
10	9	0.024	0.039	0.02	62.05%	0.01%
20	10	0.034	0.170	0.14	403.41%	0.06%
20	11	0.024	0.182	0.16	667.41%	0.07%
20	12	0.034	0.101	0.07	194.65%	0.03%
20	13	0.055	0.213	0.16	290.09%	0.07%
20	14	0.057	0.211	0.15	267.52%	0.07%
30	15	0.052	7.886	7.83	15162.24%	3.56%
30	16	0.075	7.619	7.54	10068.16%	3.43%
30	17	0.041	4.864	4.82	11677.24%	2.19%
30	18	0.036	7.077	7.04	19411.99%	3.20%
30	19	0.044	5.553	5.51	12575.19%	2.50%
30	20	0.043	3.730	3.69	8600.72%	1.68%
31	15a	0.052	1.454	1.40	2714.01%	0.64%
31	16a	0.075	1.380	1.31	1741.72%	0.59%
31	17a	0.041	0.958	0.92	2220.10%	0.42%
31	18a	0.036	0.993	0.96	2637.25%	0.43%
31	19a	0.044	0.964	0.92	2100.87%	0.42%
31	20a	0.043	0.569	0.53	1228.20%	0.24%
50	21	0.076	585.800	585.72	775177.92%	266.12%
50	22	0.040	533.800	533.76	1343807.35%	242.51%
50	23	0.046	418.600	418.55	909702.22%	190.17%
50	24	0.038	518.500	518.46	1381829.64%	235.56%
50	25	0.037	467.800	467.76	1257088.93%	212.52%
	Max	0.076	585.800	585.72	1381829.64%	266.12%
	Average	0.046	70.063	70.02	150141.26%	31.81%
	Min	0.024	0.036	0.01	-14.76%	0.00%
	Std Dev	0.013	178.611	178.60	392541.08%	81.15%

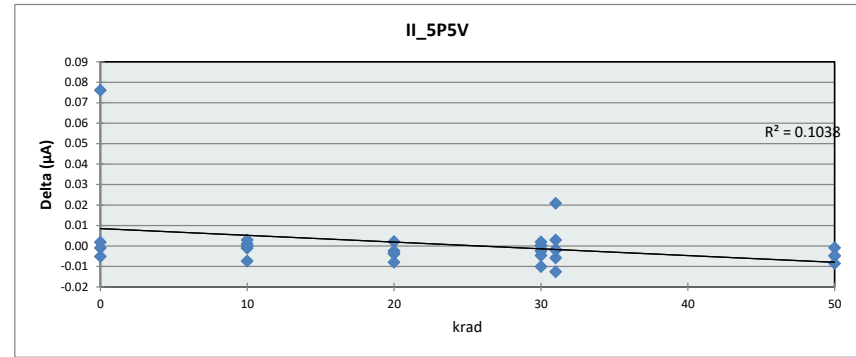


		ICC					
Units		μA					
Max Limit		220					
Min Limit		-0.1					
krad		0	10	20	30	31	50
LL		-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Min		0.045	0.036	0.101	3.730	0.569	418.600
Average		0.260	0.043	0.175	6.122	1.053	504.900
Max		0.850	0.066	0.213	7.886	1.454	585.800
UL		220.000	220.000	220.000	220.000	220.000	220.000

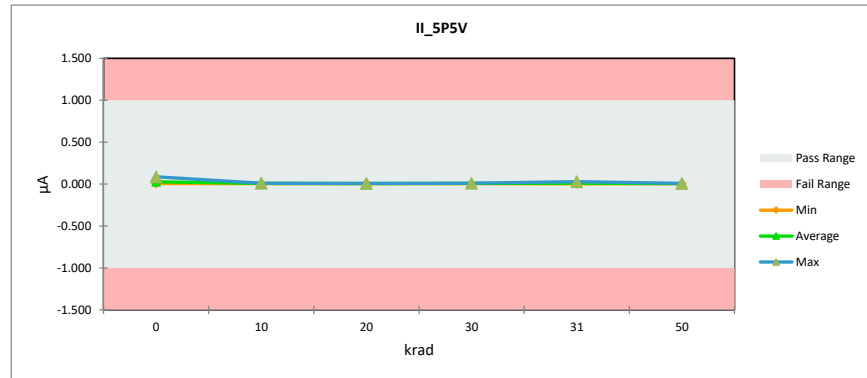


TID Report SN54SC8T573-SEP

II_5P5V						
Units	μA					
Max Limit	1					
Min Limit	-1					
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.006	0.008	0.00	30.26%	0.09%
0	2	0.011	0.088	0.08	669.57%	3.81%
0	3	0.008	0.007	0.00	-11.32%	0.05%
0	4	0.012	0.007	-0.01	-41.64%	0.26%
10	5	0.009	0.010	0.00	10.91%	0.05%
10	6	0.005	0.008	0.00	61.96%	0.15%
10	7	0.017	0.009	-0.01	-44.23%	0.37%
10	8	0.006	0.005	0.00	-17.00%	0.05%
10	9	0.008	0.008	0.00	-2.33%	0.01%
20	10	0.007	0.009	0.00	29.90%	0.11%
20	11	0.009	0.005	0.00	-42.36%	0.19%
20	12	0.008	0.005	0.00	-31.13%	0.12%
20	13	0.010	0.006	0.00	-36.87%	0.19%
20	14	0.016	0.008	-0.01	-50.59%	0.40%
30	15	0.009	0.010	0.00	2.85%	0.01%
30	16	0.008	0.008	0.00	-1.26%	0.00%
30	17	0.012	0.007	0.00	-38.51%	0.23%
30	18	0.008	0.010	0.00	23.54%	0.09%
30	19	0.008	0.006	0.00	-29.78%	0.13%
30	20	0.017	0.007	-0.01	-60.85%	0.51%
31	15a	0.009	0.012	0.00	30.42%	0.14%
31	16a	0.008	0.006	0.00	-21.41%	0.08%
31	17a	0.012	0.006	-0.01	-48.58%	0.29%
31	18a	0.008	0.029	0.02	259.94%	1.04%
31	19a	0.008	0.006	0.00	-23.74%	0.10%
31	20a	0.017	0.004	-0.01	-75.67%	0.63%
50	21	0.009	0.008	0.00	-9.44%	0.04%
50	22	0.012	0.007	0.00	-41.18%	0.24%
50	23	0.014	0.006	-0.01	-59.01%	0.43%
50	24	0.014	0.009	0.00	-35.64%	0.24%
50	25	0.008	0.006	0.00	-30.17%	0.12%
	Max	0.017	0.088	0.07	669.57%	3.81%
	Average	0.010	0.011	0.00	13.23%	0.33%
	Min	0.005	0.004	0.00	-75.67%	0.00%
	Std Dev	0.003	0.015	0.01	137.77%	0.69%

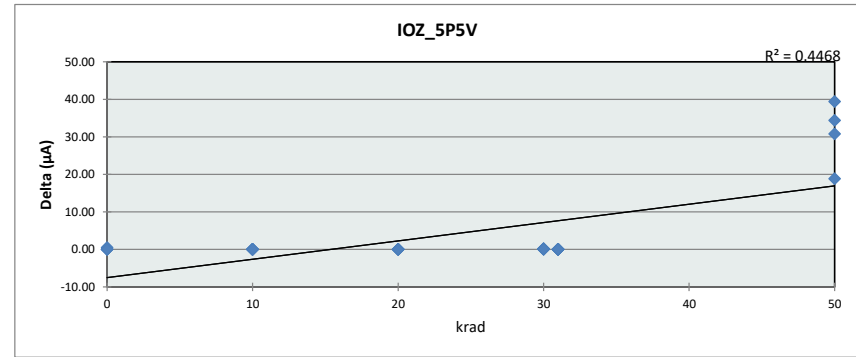


II_5P5V						
Units	μA					
Max Limit	1					
Min Limit	-1					
krad	0	10	20	30	31	50
LL	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000
Min	0.007	0.005	0.005	0.006	0.004	0.006
Average	0.027	0.008	0.007	0.008	0.011	0.007
Max	0.088	0.010	0.009	0.010	0.029	0.009
UL	1.000	1.000	1.000	1.000	1.000	1.000

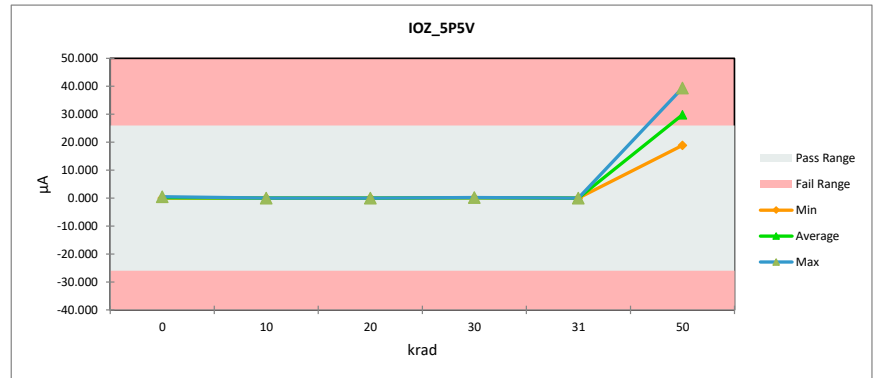


TID Report SN54SC8T573-SEP

		IOZ_5P5V				
		Units		μA		
		Max Limit		26		
		Min Limit		-26		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.016	0.011	0.00	-29.69%	0.01%
0	2	0.014	0.511	0.50	3464.16%	0.96%
0	3	0.012	0.018	0.01	50.63%	0.01%
0	4	0.013	0.012	0.00	-13.45%	0.00%
10	5	0.014	0.011	0.00	-21.04%	0.01%
10	6	0.011	0.011	0.00	-1.59%	0.00%
10	7	0.011	0.009	0.00	-21.37%	0.00%
10	8	0.013	0.009	0.00	-33.52%	0.01%
10	9	0.013	0.008	-0.01	-38.00%	0.01%
20	10	0.011	0.016	0.01	46.89%	0.01%
20	11	0.013	0.008	-0.01	-38.70%	0.01%
20	12	0.010	0.007	0.00	-25.84%	0.00%
20	13	0.016	0.008	-0.01	-50.03%	0.02%
20	14	0.017	0.008	-0.01	-50.76%	0.02%
30	15	0.014	0.184	0.17	1200.42%	0.33%
30	16	0.013	0.094	0.08	606.87%	0.15%
30	17	0.014	0.054	0.04	297.21%	0.08%
30	18	0.012	0.170	0.16	1303.47%	0.30%
30	19	0.010	0.055	0.04	449.65%	0.09%
30	20	0.010	0.060	0.05	477.95%	0.10%
31	15a	0.014	0.014	0.00	-1.76%	0.00%
31	16a	0.013	0.012	0.00	-9.67%	0.00%
31	17a	0.014	0.017	0.00	21.81%	0.01%
31	18a	0.012	0.017	0.00	39.19%	0.01%
31	19a	0.010	0.012	0.00	24.27%	0.00%
31	20a	0.010	0.010	0.00	0.58%	0.00%
50	21	0.011	39.400	39.39	365731.01%	75.75%
50	22	0.010	34.380	34.37	336628.70%	66.10%
50	23	0.010	18.860	18.85	188651.00%	36.25%
50	24	0.010	30.780	30.77	310871.91%	59.17%
50	25	0.012	25.680	25.67	216791.89%	49.36%
	Max	0.017	39.400	39.38	365731.01%	75.75%
	Average	0.012	4.159	4.15	40317.68%	7.98%
	Min	0.010	0.007	0.00	-50.76%	0.00%
	Std Dev	0.002	11.016	11.01	106764.19%	21.18%



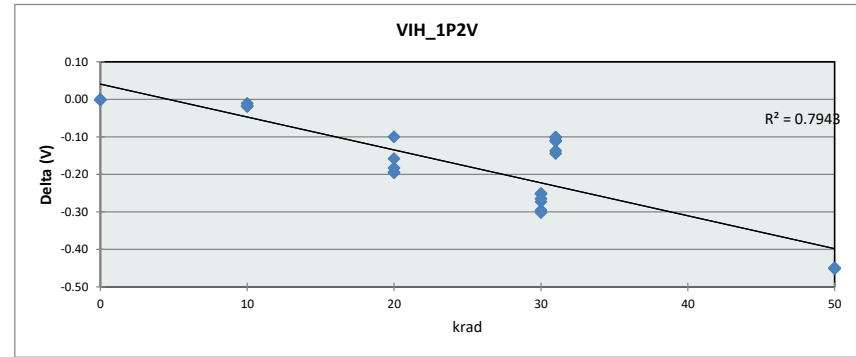
		IOZ_5P5V					
		Units		μA			
		Max Limit		26			
		Min Limit		-26			
krad		0	10	20	30	31	50
LL		-26.000	-26.000	-26.000	-26.000	-26.000	-26.000
Min		0.011	0.008	0.007	0.054	0.010	18.860
Average		0.138	0.009	0.010	0.103	0.014	29.820
Max		0.511	0.011	0.016	0.184	0.017	39.400
UL		26.000	26.000	26.000	26.000	26.000	26.000



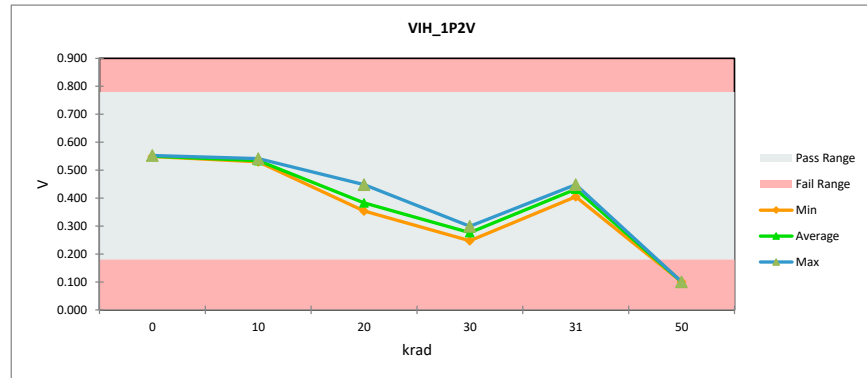
TID Report

SN54SC8T573-SEP

		VIH_1P2V				
Units		V				
Max Limit		0.78				
Min Limit		0.18				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.549	0.549	0.00	-0.11%	0.10%
0	2	0.553	0.552	0.00	-0.11%	0.10%
0	3	0.551	0.550	0.00	-0.22%	0.20%
0	4	0.550	0.549	0.00	-0.22%	0.20%
10	5	0.551	0.534	-0.02	-3.08%	2.83%
10	6	0.549	0.530	-0.02	-3.43%	3.13%
10	7	0.552	0.541	-0.01	-1.98%	1.82%
10	8	0.552	0.533	-0.02	-3.41%	3.13%
10	9	0.551	0.532	-0.02	-3.30%	3.03%
20	10	0.549	0.354	-0.19	-35.47%	32.44%
20	11	0.549	0.353	-0.20	-35.66%	32.65%
20	12	0.548	0.448	-0.10	-18.25%	16.68%
20	13	0.550	0.367	-0.18	-33.30%	30.52%
20	14	0.551	0.393	-0.16	-28.72%	26.38%
30	15	0.551	0.255	-0.30	-53.75%	49.32%
30	16	0.549	0.247	-0.30	-54.97%	50.33%
30	17	0.550	0.299	-0.25	-45.65%	41.84%
30	18	0.550	0.277	-0.27	-49.62%	45.48%
30	19	0.549	0.296	-0.25	-45.97%	42.05%
30	20	0.549	0.284	-0.27	-48.24%	44.17%
31	15a	0.551	0.439	-0.11	-20.27%	18.60%
31	16a	0.549	0.405	-0.14	-26.27%	24.06%
31	17a	0.550	0.448	-0.10	-18.52%	16.98%
31	18a	0.550	0.440	-0.11	-19.96%	18.29%
31	19a	0.549	0.448	-0.10	-18.34%	16.78%
31	20a	0.549	0.412	-0.14	-24.95%	22.84%
50	21	0.551	0.101	-0.45	-81.75%	75.10%
50	22	0.551	0.101	-0.45	-81.75%	75.10%
50	23	0.552	0.101	-0.45	-81.77%	75.20%
50	24	0.550	0.101	-0.45	-81.71%	74.89%
50	25	0.549	0.101	-0.45	-81.69%	74.79%
	Max	0.553	0.552	0.00	-0.11%	75.20%
	Average	0.550	0.381	-0.17	-30.69%	28.14%
	Min	0.548	0.101	-0.45	-81.77%	0.10%
	Std Dev	0.001	0.148	0.15	26.92%	24.71%

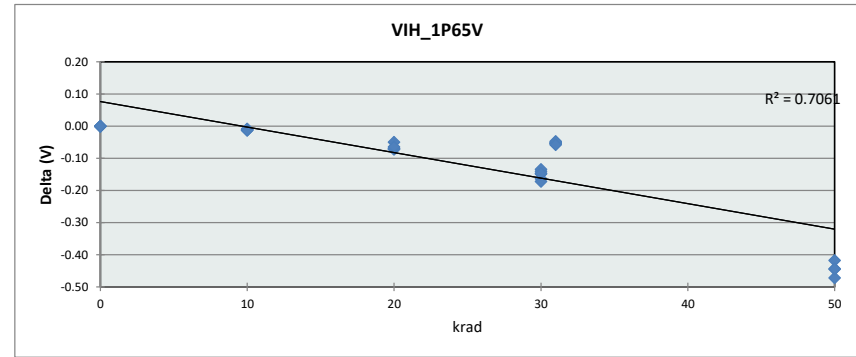


		VIH_1P2V					
Units		V					
Max Limit		0.78					
Min Limit		0.18					
krad		0	10	20	30	31	50
LL		0.180	0.180	0.180	0.180	0.180	0.180
Min		0.549	0.530	0.353	0.247	0.405	0.101
Average		0.550	0.534	0.383	0.276	0.432	0.101
Max		0.552	0.541	0.448	0.299	0.448	0.101
UL		0.780	0.780	0.780	0.780	0.780	0.780

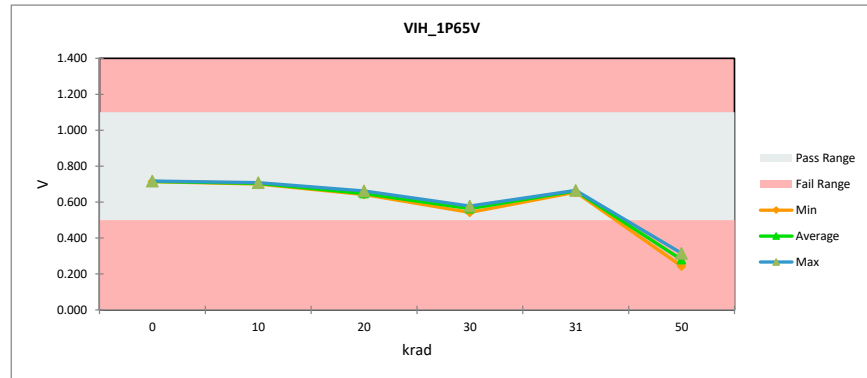


TID Report SN54SC8T573-SEP

		VIH_1P65V				
Units		V				
Max Limit		1.1				
Min Limit		0.5				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.714	0.714	0.00	0.00%	0.00%
0	2	0.718	0.717	0.00	-0.12%	0.15%
0	3	0.715	0.714	0.00	-0.12%	0.15%
0	4	0.716	0.715	0.00	-0.12%	0.15%
10	5	0.715	0.704	-0.01	-1.48%	1.76%
10	6	0.713	0.701	-0.01	-1.73%	2.05%
10	7	0.717	0.708	-0.01	-1.23%	1.47%
10	8	0.716	0.704	-0.01	-1.72%	2.05%
10	9	0.716	0.702	-0.01	-1.84%	2.20%
20	10	0.713	0.643	-0.07	-9.74%	11.58%
20	11	0.715	0.643	-0.07	-10.09%	12.02%
20	12	0.712	0.662	-0.05	-7.04%	8.35%
20	13	0.714	0.643	-0.07	-9.98%	11.87%
20	14	0.714	0.649	-0.07	-9.12%	10.84%
30	15	0.715	0.551	-0.16	-22.89%	27.26%
30	16	0.715	0.542	-0.17	-24.12%	28.72%
30	17	0.716	0.576	-0.14	-19.64%	23.45%
30	18	0.715	0.566	-0.15	-20.79%	24.77%
30	19	0.713	0.578	-0.13	-18.87%	22.42%
30	20	0.714	0.567	-0.15	-20.57%	24.47%
31	15a	0.715	0.661	-0.05	-7.51%	8.94%
31	16a	0.715	0.659	-0.06	-7.75%	9.23%
31	17a	0.716	0.664	-0.05	-7.36%	8.79%
31	18a	0.715	0.664	-0.05	-7.14%	8.50%
31	19a	0.713	0.665	-0.05	-6.66%	7.91%
31	20a	0.714	0.656	-0.06	-8.13%	9.67%
50	21	0.716	0.271	-0.44	-62.18%	74.16%
50	22	0.716	0.243	-0.47	-65.99%	78.70%
50	23	0.717	0.300	-0.42	-58.23%	69.61%
50	24	0.715	0.271	-0.44	-62.14%	74.01%
50	25	0.714	0.315	-0.40	-55.81%	66.39%
Max		0.718	0.717	0.00	0.00%	78.70%
Average		0.715	0.602	-0.11	-15.81%	18.84%
Min		0.712	0.243	-0.47	-65.99%	0.00%
Std Dev		0.001	0.142	0.14	19.87%	23.70%



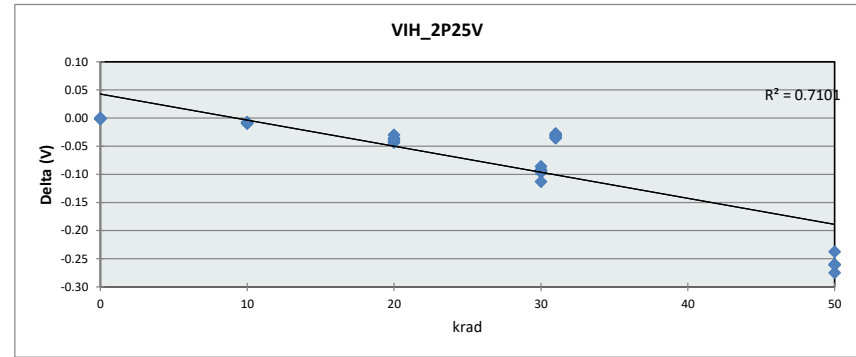
		VIH_1P65V					
Units		V					
Max Limit		1.1					
Min Limit		0.5					
krad		0	10	20	30	31	50
LL		0.500	0.500	0.500	0.500	0.500	0.500
Min		0.714	0.701	0.643	0.542	0.656	0.243
Average		0.715	0.704	0.648	0.563	0.661	0.280
Max		0.717	0.708	0.662	0.578	0.665	0.315
UL		1.100	1.100	1.100	1.100	1.100	1.100



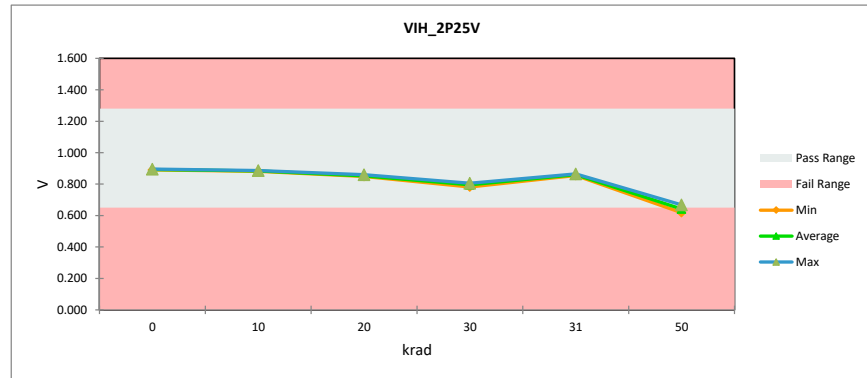
TID Report

SN54SC8T573-SEP

		VIH_2P25V				
		Units		V		
		Max Limit		1.28		
		Min Limit		0.65		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.893	0.892	0.00	-0.14%	0.20%
0	2	0.896	0.896	0.00	0.00%	0.00%
0	3	0.892	0.891	0.00	-0.14%	0.20%
0	4	0.894	0.893	0.00	-0.14%	0.20%
10	5	0.893	0.884	-0.01	-0.97%	1.38%
10	6	0.891	0.882	-0.01	-0.98%	1.38%
10	7	0.896	0.887	-0.01	-0.97%	1.38%
10	8	0.894	0.884	-0.01	-1.11%	1.58%
10	9	0.891	0.883	-0.01	-0.84%	1.18%
20	10	0.889	0.851	-0.04	-4.33%	6.12%
20	11	0.893	0.851	-0.04	-4.73%	6.71%
20	12	0.889	0.860	-0.03	-3.35%	4.74%
20	13	0.892	0.848	-0.04	-4.88%	6.91%
20	14	0.891	0.855	-0.04	-4.05%	5.72%
30	15	0.891	0.794	-0.10	-10.89%	15.39%
30	16	0.894	0.781	-0.11	-12.65%	17.96%
30	17	0.893	0.800	-0.09	-10.44%	14.80%
30	18	0.892	0.800	-0.09	-10.31%	14.60%
30	19	0.892	0.806	-0.09	-9.62%	13.62%
30	20	0.889	0.796	-0.09	-10.48%	14.80%
31	15a	0.891	0.858	-0.03	-3.63%	5.13%
31	16a	0.894	0.858	-0.04	-4.03%	5.72%
31	17a	0.893	0.862	-0.03	-3.48%	4.93%
31	18a	0.892	0.862	-0.03	-3.35%	4.74%
31	19a	0.892	0.865	-0.03	-3.07%	4.34%
31	20a	0.889	0.855	-0.03	-3.91%	5.53%
50	21	0.893	0.633	-0.26	-29.09%	41.24%
50	22	0.893	0.618	-0.27	-30.76%	43.61%
50	23	0.894	0.657	-0.24	-26.55%	37.69%
50	24	0.893	0.632	-0.26	-29.23%	41.44%
50	25	0.891	0.668	-0.22	-24.98%	35.32%
	Max	0.896	0.896	0.00	0.00%	43.61%
	Average	0.892	0.824	-0.07	-7.60%	10.77%
	Min	0.889	0.618	-0.27	-30.76%	0.00%
	Std Dev	0.002	0.083	0.08	9.26%	13.14%



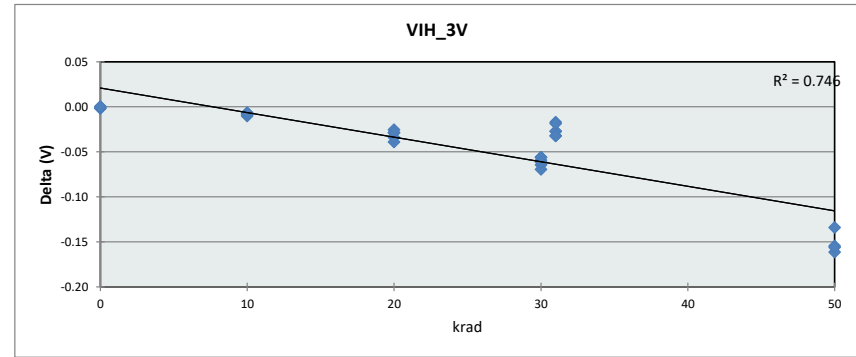
		VIH_2P25V					
		Units		V			
		Max Limit		1.28			
		Min Limit		0.65			
krad		0	10	20	30	31	50
LL		0.650	0.650	0.650	0.650	0.650	0.650
Min		0.891	0.882	0.848	0.781	0.855	0.618
Average		0.893	0.884	0.853	0.796	0.860	0.642
Max		0.896	0.887	0.860	0.806	0.865	0.668
UL		1.280	1.280	1.280	1.280	1.280	1.280



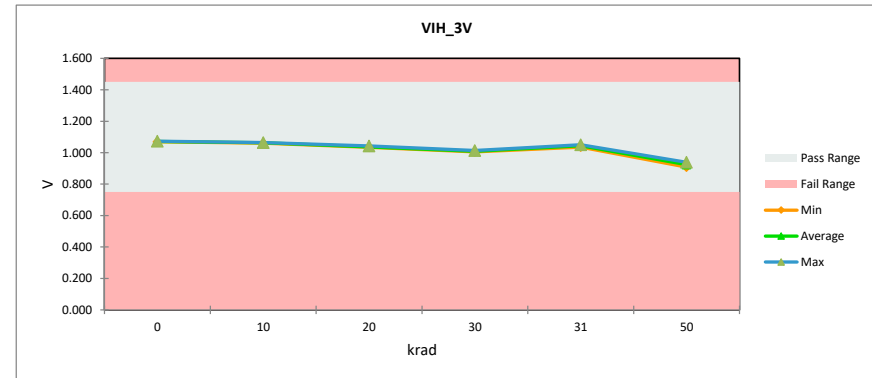
TID Report

SN54SC8T573-SEP

		VIH_3V				
		Units		V		
		Max Limit		1.45		
		Min Limit		0.75		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.073	1.071	0.00	-0.16%	0.24%
0	2	1.073	1.073	0.00	0.00%	0.00%
0	3	1.071	1.070	0.00	-0.16%	0.24%
0	4	1.071	1.071	0.00	0.00%	0.00%
10	5	1.073	1.064	-0.01	-0.79%	1.21%
10	6	1.070	1.063	-0.01	-0.64%	0.97%
10	7	1.075	1.064	-0.01	-0.95%	1.46%
10	8	1.071	1.063	-0.01	-0.79%	1.21%
10	9	1.068	1.061	-0.01	-0.64%	0.97%
20	10	1.063	1.034	-0.03	-2.72%	4.12%
20	11	1.073	1.034	-0.04	-3.64%	5.58%
20	12	1.068	1.042	-0.03	-2.39%	3.64%
20	13	1.068	1.034	-0.03	-3.18%	4.85%
20	14	1.068	1.039	-0.03	-2.70%	4.12%
30	15	1.070	1.005	-0.06	-6.03%	9.22%
30	16	1.075	1.005	-0.07	-6.48%	9.95%
30	17	1.071	1.012	-0.06	-5.55%	8.49%
30	18	1.066	1.010	-0.06	-5.26%	8.00%
30	19	1.070	1.014	-0.06	-5.24%	8.00%
30	20	1.068	1.007	-0.06	-5.72%	8.73%
31	15a	1.070	1.042	-0.03	-2.54%	3.88%
31	16a	1.075	1.042	-0.03	-3.00%	4.61%
31	17a	1.071	1.044	-0.03	-2.54%	3.88%
31	18a	1.066	1.049	-0.02	-1.59%	2.43%
31	19a	1.070	1.051	-0.02	-1.75%	2.67%
31	20a	1.068	1.036	-0.03	-3.02%	4.61%
50	21	1.071	0.917	-0.15	-14.42%	22.07%
50	22	1.070	0.908	-0.16	-15.08%	23.04%
50	23	1.073	0.939	-0.13	-12.50%	19.16%
50	24	1.073	0.917	-0.16	-14.56%	22.32%
50	25	1.064	0.939	-0.13	-11.80%	17.95%
	Max	1.075	1.073	0.00	0.00%	23.04%
	Average	1.070	1.026	-0.04	-4.13%	6.32%
	Min	1.063	0.908	-0.15	-15.08%	0.00%
	Std Dev	0.003	0.047	0.04	4.44%	6.80%



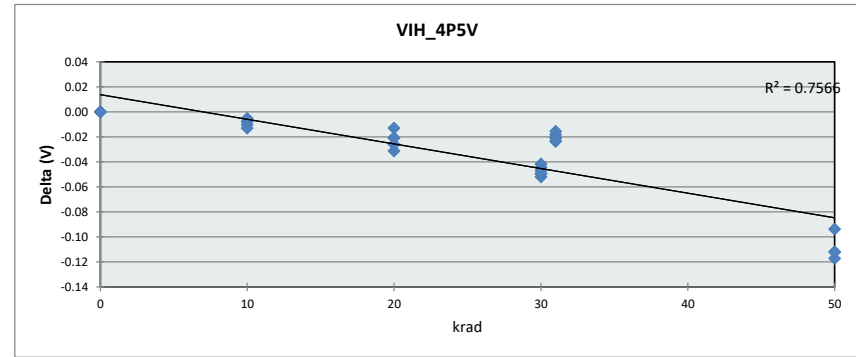
		VIH_3V				
		Units		V		
		Max Limit		1.45		
		Min Limit		0.75		
krad	0	10	20	30	31	50
LL	0.750	0.750	0.750	0.750	0.750	0.750
Min	1.070	1.061	1.034	1.005	1.036	0.908
Average	1.071	1.063	1.037	1.009	1.044	0.924
Max	1.073	1.064	1.042	1.014	1.051	0.939
UL	1.450	1.450	1.450	1.450	1.450	1.450



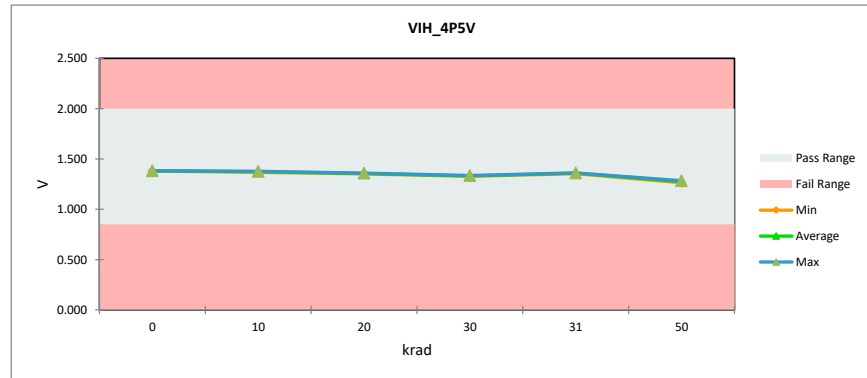
TID Report

SN54SC8T573-SEP

		VIH_4P5V				
		Units		V		
		Max Limit		2		
		Min Limit		0.85		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.383	1.383	0.00	0.00%	0.00%
0	2	1.383	1.383	0.00	0.00%	0.00%
0	3	1.380	1.380	0.00	0.00%	0.00%
0	4	1.380	1.380	0.00	0.00%	0.00%
10	5	1.383	1.373	-0.01	-0.75%	0.91%
10	6	1.380	1.367	-0.01	-0.94%	1.13%
10	7	1.386	1.378	-0.01	-0.56%	0.68%
10	8	1.383	1.375	-0.01	-0.57%	0.68%
10	9	1.375	1.370	-0.01	-0.38%	0.45%
20	10	1.375	1.354	-0.02	-1.52%	1.81%
20	11	1.383	1.352	-0.03	-2.26%	2.72%
20	12	1.378	1.357	-0.02	-1.51%	1.81%
20	13	1.380	1.354	-0.03	-1.89%	2.27%
20	14	1.373	1.359	-0.01	-0.95%	1.13%
30	15	1.378	1.328	-0.05	-3.60%	4.31%
30	16	1.383	1.331	-0.05	-3.77%	4.54%
30	17	1.380	1.336	-0.04	-3.21%	3.85%
30	18	1.378	1.336	-0.04	-3.03%	3.63%
30	19	1.383	1.336	-0.05	-3.39%	4.08%
30	20	1.378	1.328	-0.05	-3.60%	4.31%
31	15a	1.378	1.357	-0.02	-1.51%	1.81%
31	16a	1.383	1.359	-0.02	-1.70%	2.04%
31	17a	1.380	1.362	-0.02	-1.32%	1.59%
31	18a	1.378	1.362	-0.02	-1.14%	1.36%
31	19a	1.383	1.362	-0.02	-1.51%	1.81%
31	20a	1.378	1.354	-0.02	-1.70%	2.04%
50	21	1.383	1.271	-0.11	-8.11%	9.75%
50	22	1.380	1.263	-0.12	-8.50%	10.20%
50	23	1.378	1.284	-0.09	-6.81%	8.16%
50	24	1.383	1.271	-0.11	-8.11%	9.75%
50	25	1.378	1.284	-0.09	-6.81%	8.16%
	Max	1.386	1.383	0.00	0.00%	10.20%
	Average	1.380	1.347	-0.03	-2.41%	2.89%
	Min	1.373	1.263	-0.11	-8.50%	0.00%
	Std Dev	0.003	0.034	0.03	2.47%	2.96%

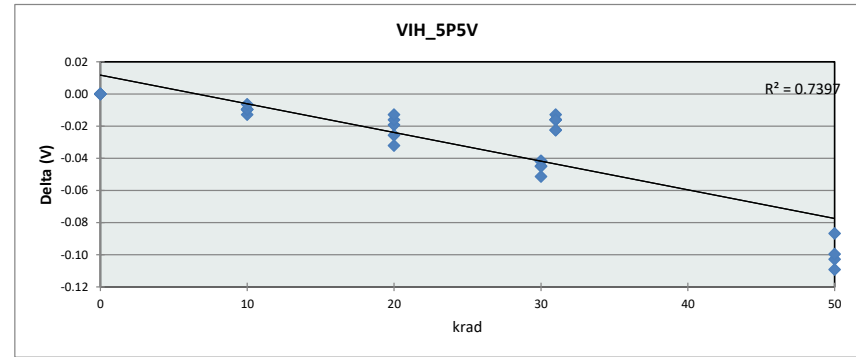


		VIH_4P5V				
		Units		V		
		Max Limit		2		
		Min Limit		0.85		
krad	LL	Min	Average	Max	UL	
0	0.850	1.380	1.382	1.383	2.000	
10	0.850	1.367	1.373	1.378	2.000	
20	0.850	1.352	1.355	1.359	2.000	
30	0.850	1.328	1.333	1.336	2.000	
31	0.850	1.354	1.359	1.362	2.000	
50	0.850	1.263	1.274	1.284	2.000	

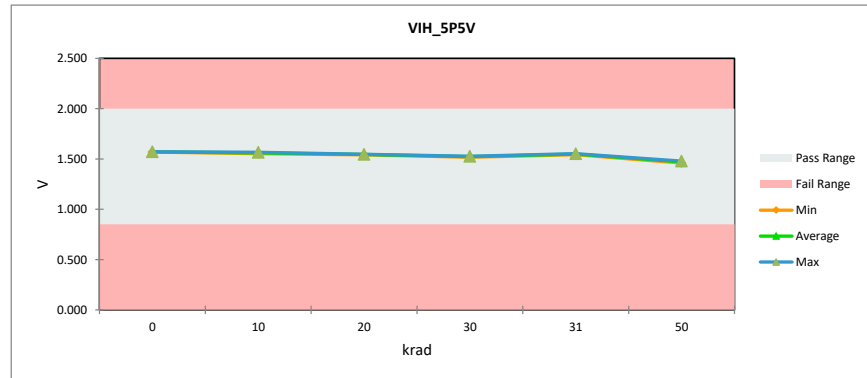


TID Report SN54SC8T573-SEP

		VIH_5P5V				
Units		V				
Max Limit		2				
Min Limit		0.85				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.572	1.572	0.00	0.00%	0.00%
0	2	1.569	1.569	0.00	0.00%	0.00%
0	3	1.569	1.569	0.00	0.00%	0.00%
0	4	1.569	1.569	0.00	0.00%	0.00%
10	5	1.572	1.562	-0.01	-0.61%	0.84%
10	6	1.566	1.553	-0.01	-0.82%	1.12%
10	7	1.575	1.566	-0.01	-0.61%	0.84%
10	8	1.572	1.562	-0.01	-0.61%	0.84%
10	9	1.562	1.556	-0.01	-0.41%	0.56%
20	10	1.562	1.543	-0.02	-1.23%	1.68%
20	11	1.572	1.540	-0.03	-2.04%	2.79%
20	12	1.562	1.546	-0.02	-1.03%	1.40%
20	13	1.569	1.543	-0.03	-1.64%	2.24%
20	14	1.559	1.546	-0.01	-0.82%	1.12%
30	15	1.562	1.517	-0.04	-2.88%	3.91%
30	16	1.572	1.521	-0.05	-3.27%	4.47%
30	17	1.566	1.524	-0.04	-2.67%	3.63%
30	18	1.566	1.524	-0.04	-2.67%	3.63%
30	19	1.569	1.527	-0.04	-2.66%	3.63%
30	20	1.566	1.521	-0.04	-2.87%	3.91%
31	15a	1.562	1.546	-0.02	-1.03%	1.40%
31	16a	1.572	1.550	-0.02	-1.43%	1.96%
31	17a	1.566	1.550	-0.02	-1.03%	1.40%
31	18a	1.566	1.553	-0.01	-0.82%	1.12%
31	19a	1.569	1.553	-0.02	-1.02%	1.40%
31	20a	1.566	1.543	-0.02	-1.44%	1.96%
50	21	1.569	1.466	-0.10	-6.56%	8.94%
50	22	1.569	1.460	-0.11	-6.97%	9.50%
50	23	1.566	1.479	-0.09	-5.54%	7.55%
50	24	1.569	1.469	-0.10	-6.35%	8.66%
50	25	1.562	1.479	-0.08	-5.35%	7.27%
Max		1.575	1.572	0.00	0.00%	9.50%
Average		1.567	1.537	-0.03	-1.97%	2.68%
Min		1.559	1.460	-0.10	-6.97%	0.00%
Std Dev		0.004	0.031	0.03	1.99%	2.72%

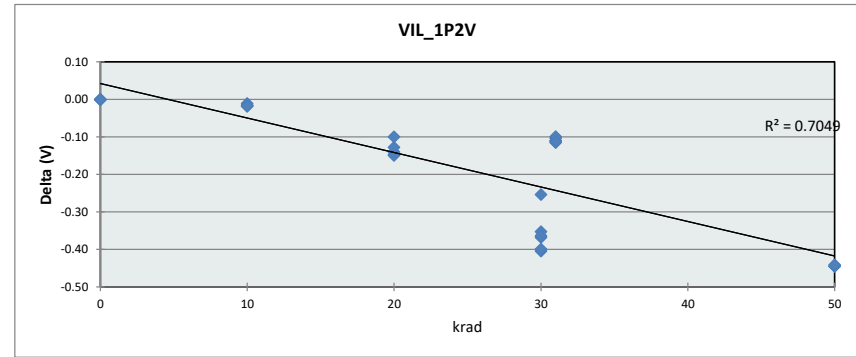


		VIH_5P5V				
Units		V				
Max Limit		2				
Min Limit		0.85				
krad	0	10	20	30	31	50
LL	0.850	0.850	0.850	0.850	0.850	0.850
Min	1.569	1.553	1.540	1.517	1.543	1.460
Average	1.570	1.560	1.544	1.522	1.549	1.470
Max	1.572	1.566	1.546	1.527	1.553	1.479
UL	2.000	2.000	2.000	2.000	2.000	2.000

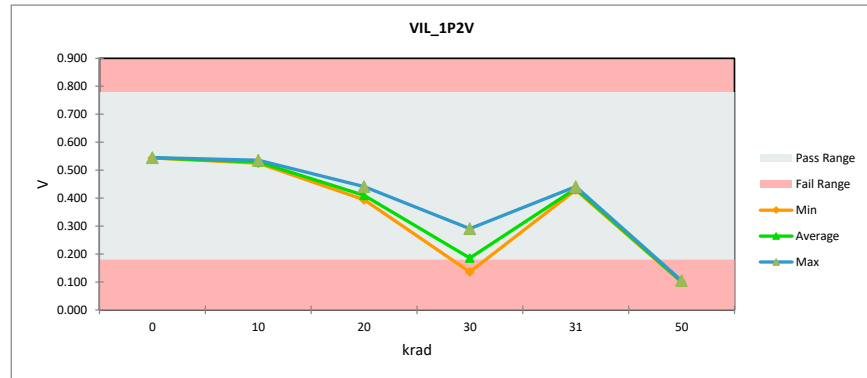


TID Report SN54SC8T573-SEP

		VIL_1P2V				
		Units		V		
		Max Limit		0.78		
		Min Limit		0.18		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.544	0.544	0.00	0.00%	0.00%
0	2	0.545	0.544	0.00	-0.12%	0.11%
0	3	0.546	0.545	0.00	-0.12%	0.11%
0	4	0.545	0.544	0.00	-0.24%	0.22%
10	5	0.545	0.528	-0.02	-3.06%	2.78%
10	6	0.544	0.525	-0.02	-3.44%	3.11%
10	7	0.547	0.536	-0.01	-2.07%	1.89%
10	8	0.544	0.528	-0.02	-2.82%	2.56%
10	9	0.545	0.527	-0.02	-3.31%	3.00%
20	10	0.543	0.396	-0.15	-27.15%	24.57%
20	11	0.544	0.394	-0.15	-27.58%	25.02%
20	12	0.541	0.441	-0.10	-18.50%	16.68%
20	13	0.543	0.403	-0.14	-25.80%	23.35%
20	14	0.546	0.418	-0.13	-23.47%	21.35%
30	15	0.541	0.136	-0.40	-74.86%	67.49%
30	16	0.544	0.145	-0.40	-73.42%	66.60%
30	17	0.545	0.291	-0.25	-46.64%	42.36%
30	18	0.544	0.176	-0.37	-67.66%	61.37%
30	19	0.540	0.187	-0.35	-65.32%	58.82%
30	20	0.543	0.179	-0.36	-67.08%	60.71%
31	15a	0.541	0.431	-0.11	-20.35%	18.35%
31	16a	0.544	0.429	-0.12	-21.20%	19.24%
31	17a	0.545	0.441	-0.10	-19.10%	17.34%
31	18a	0.544	0.434	-0.11	-20.35%	18.46%
31	19a	0.540	0.441	-0.10	-18.40%	16.57%
31	20a	0.543	0.430	-0.11	-20.76%	18.79%
50	21	0.545	0.100	-0.44	-81.65%	74.16%
50	22	0.546	0.101	-0.44	-81.55%	74.16%
50	23	0.544	0.099	-0.44	-81.75%	74.16%
50	24	0.546	0.105	-0.44	-80.82%	73.49%
50	25	0.543	0.100	-0.44	-81.58%	73.83%
	Max	0.547	0.545	0.00	0.00%	74.16%
	Average	0.544	0.367	-0.18	-32.62%	29.56%
	Min	0.540	0.099	-0.44	-81.75%	0.00%
	Std Dev	0.002	0.165	0.16	30.31%	27.48%



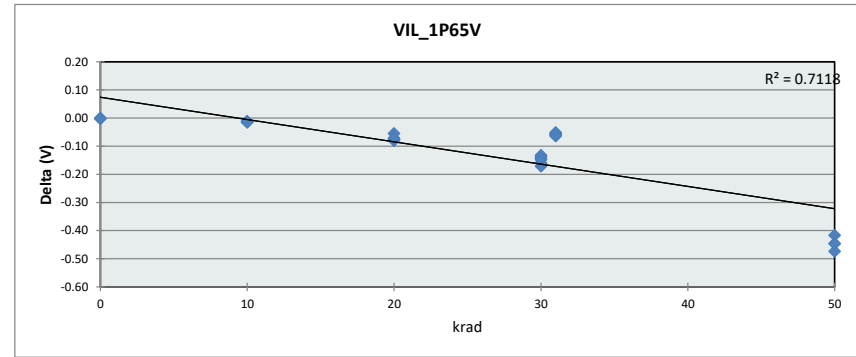
		VIL_1P2V					
		Units		V			
		Max Limit		0.78			
		Min Limit		0.18			
krad		0	10	20	30	31	50
LL		0.180	0.180	0.180	0.180	0.180	0.180
Min		0.544	0.525	0.394	0.136	0.429	0.099
Average		0.544	0.529	0.410	0.186	0.434	0.101
Max		0.545	0.536	0.441	0.291	0.441	0.105
UL		0.780	0.780	0.780	0.780	0.780	0.780



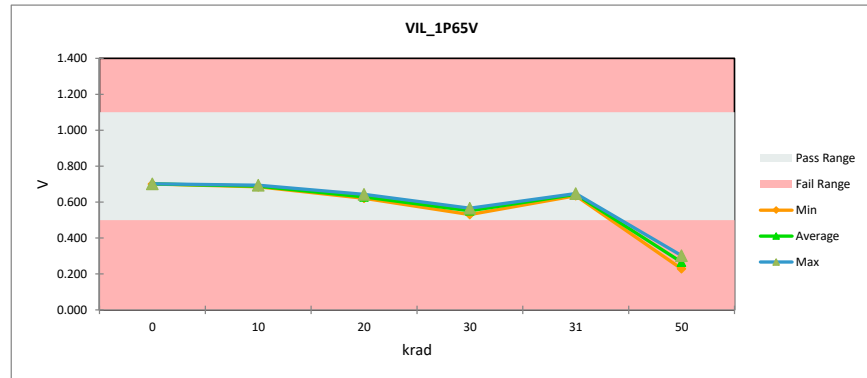
TID Report

SN54SC8T573-SEP

VIL_1P65V						
Units		V				
Max Limit		1.1				
Min Limit		0.5				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.702	0.701	0.00	-0.14%	0.16%
0	2	0.704	0.702	0.00	-0.27%	0.32%
0	3	0.702	0.701	0.00	-0.14%	0.16%
0	4	0.703	0.702	0.00	-0.14%	0.16%
10	5	0.703	0.689	-0.01	-1.93%	2.26%
10	6	0.700	0.685	-0.01	-2.07%	2.42%
10	7	0.706	0.694	-0.01	-1.65%	1.93%
10	8	0.702	0.689	-0.01	-1.79%	2.10%
10	9	0.701	0.686	-0.01	-2.07%	2.42%
20	10	0.699	0.624	-0.07	-10.66%	12.41%
20	11	0.702	0.621	-0.08	-11.44%	13.38%
20	12	0.699	0.644	-0.06	-7.89%	9.19%
20	13	0.701	0.623	-0.08	-11.04%	12.90%
20	14	0.702	0.630	-0.07	-10.20%	11.93%
30	15	0.698	0.538	-0.16	-22.87%	26.60%
30	16	0.702	0.530	-0.17	-24.40%	28.54%
30	17	0.703	0.564	-0.14	-19.69%	23.05%
30	18	0.702	0.554	-0.15	-21.09%	24.67%
30	19	0.699	0.566	-0.13	-18.97%	22.09%
30	20	0.700	0.557	-0.14	-20.46%	23.86%
31	15a	0.698	0.642	-0.06	-8.04%	9.35%
31	16a	0.702	0.640	-0.06	-8.82%	10.32%
31	17a	0.703	0.645	-0.06	-8.26%	9.67%
31	18a	0.702	0.647	-0.06	-7.86%	9.19%
31	19a	0.699	0.647	-0.05	-7.34%	8.54%
31	20a	0.700	0.636	-0.06	-9.12%	10.64%
50	21	0.702	0.256	-0.45	-63.55%	74.32%
50	22	0.703	0.229	-0.47	-67.46%	79.00%
50	23	0.703	0.286	-0.42	-59.34%	69.49%
50	24	0.702	0.256	-0.45	-63.55%	74.32%
50	25	0.701	0.302	-0.40	-56.88%	66.42%
Max		0.706	0.702	0.00	-0.14%	79.00%
Average		0.701	0.586	-0.12	-16.41%	19.18%
Min		0.698	0.229	-0.47	-67.46%	0.16%
Std Dev		0.002	0.141	0.14	20.14%	23.57%



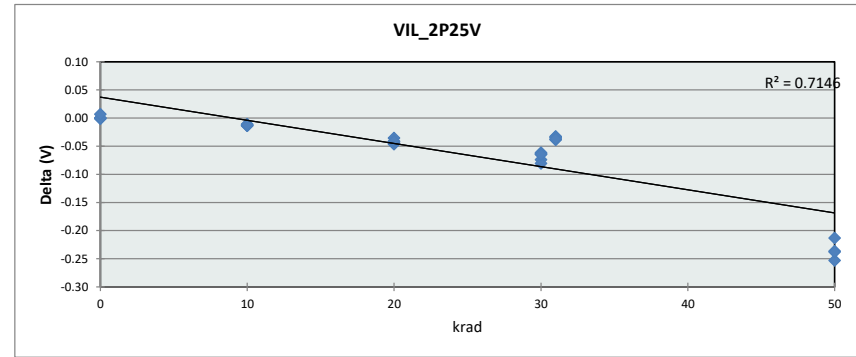
VIL_1P65V						
Units		V				
Max Limit		1.1				
Min Limit		0.5				
krad	0	10	20	30	31	50
LL	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.701	0.685	0.621	0.530	0.636	0.229
Average	0.701	0.689	0.629	0.552	0.643	0.266
Max	0.702	0.694	0.644	0.566	0.647	0.302
UL	1.100	1.100	1.100	1.100	1.100	1.100



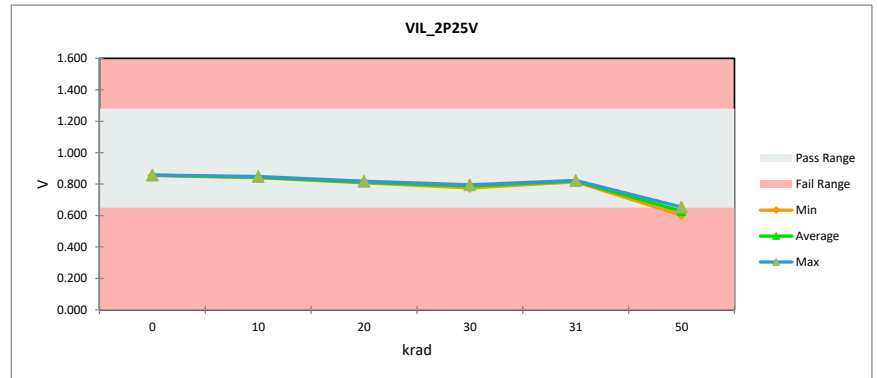
TID Report

SN54SC8T573-SEP

		VIL_2P25V					
		Units		V			
		Max Limit		1.28			
		Min Limit		0.65			
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range	
0	1	0.858	0.858	0.00	0.00%	0.00%	
0	2	0.859	0.858	0.00	-0.16%	0.22%	
0	3	0.855	0.855	0.00	0.00%	0.00%	
0	4	0.851	0.858	0.01	0.80%	1.09%	
10	5	0.858	0.844	-0.01	-1.59%	2.17%	
10	6	0.855	0.841	-0.01	-1.60%	2.17%	
10	7	0.859	0.848	-0.01	-1.27%	1.74%	
10	8	0.856	0.844	-0.01	-1.44%	1.95%	
10	9	0.855	0.843	-0.01	-1.44%	1.95%	
20	10	0.855	0.810	-0.05	-5.28%	7.16%	
20	11	0.852	0.810	-0.04	-4.97%	6.73%	
20	12	0.854	0.818	-0.04	-4.17%	5.64%	
20	13	0.855	0.808	-0.05	-5.44%	7.38%	
20	14	0.855	0.814	-0.04	-4.80%	6.51%	
30	15	0.856	0.782	-0.07	-8.62%	11.72%	
30	16	0.856	0.776	-0.08	-9.42%	12.81%	
30	17	0.856	0.793	-0.06	-7.35%	9.99%	
30	18	0.855	0.791	-0.06	-7.52%	10.20%	
30	19	0.858	0.796	-0.06	-7.18%	9.77%	
30	20	0.851	0.787	-0.06	-7.55%	10.20%	
31	15a	0.856	0.818	-0.04	-4.47%	6.08%	
31	16a	0.856	0.818	-0.04	-4.47%	6.08%	
31	17a	0.856	0.822	-0.03	-3.99%	5.43%	
31	18a	0.855	0.822	-0.03	-3.84%	5.21%	
31	19a	0.858	0.823	-0.03	-3.99%	5.43%	
31	20a	0.851	0.814	-0.04	-4.34%	5.86%	
50	21	0.856	0.620	-0.24	-27.63%	37.55%	
50	22	0.855	0.602	-0.25	-29.59%	40.16%	
50	23	0.858	0.644	-0.21	-24.88%	33.86%	
50	24	0.856	0.618	-0.24	-27.79%	37.77%	
50	25	0.854	0.654	-0.20	-23.39%	31.69%	
Max		0.859	0.858	0.00	0.80%	40.16%	
Average		0.855	0.794	-0.06	-7.13%	9.76%	
Min		0.851	0.602	-0.25	-29.59%	0.00%	
Std Dev		0.002	0.073	0.07	8.56%	11.57%	



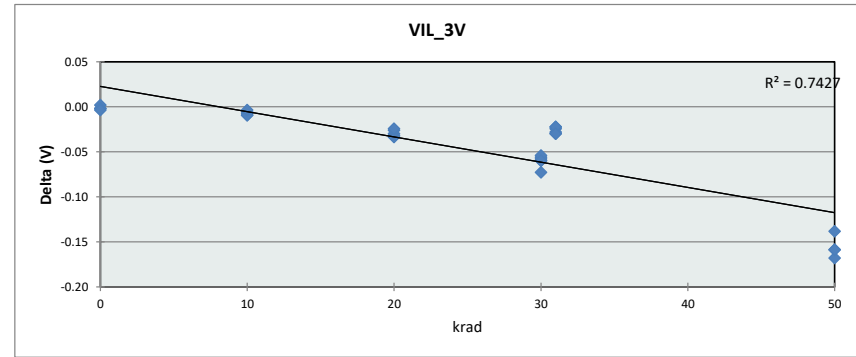
		VIL_2P25V					
		Units		V			
		Max Limit		1.28			
		Min Limit		0.65			
krad		0	10	20	30	31	50
LL		0.650	0.650	0.650	0.650	0.650	0.650
Min		0.855	0.841	0.808	0.776	0.814	0.602
Average		0.857	0.844	0.812	0.787	0.820	0.628
Max		0.858	0.848	0.818	0.796	0.823	0.654
UL		1.280	1.280	1.280	1.280	1.280	1.280



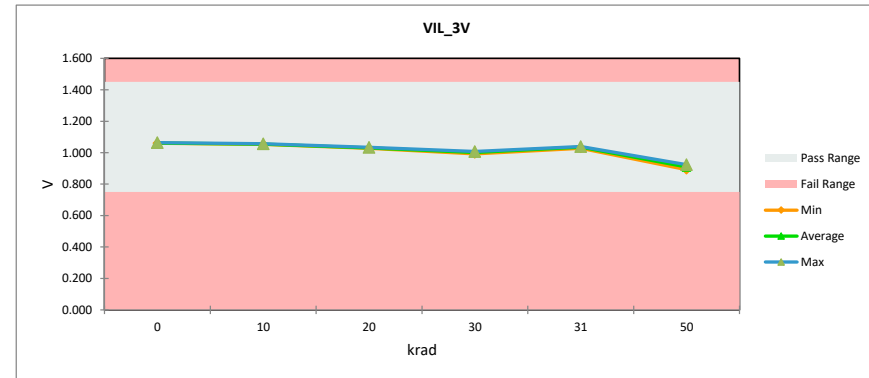
TID Report

SN54SC8T573-SEP

		VIL_3V				
		Units		V		
		Max Limit		1.45		
		Min Limit		0.75		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.062	1.060	0.00	-0.18%	0.27%
0	2	1.062	1.064	0.00	0.18%	0.27%
0	3	1.062	1.060	0.00	-0.18%	0.27%
0	4	1.064	1.060	0.00	-0.35%	0.53%
10	5	1.064	1.055	-0.01	-0.88%	1.33%
10	6	1.058	1.053	-0.01	-0.53%	0.80%
10	7	1.064	1.056	-0.01	-0.70%	1.07%
10	8	1.064	1.055	-0.01	-0.88%	1.33%
10	9	1.056	1.053	0.00	-0.35%	0.53%
20	10	1.058	1.028	-0.03	-2.82%	4.27%
20	11	1.060	1.028	-0.03	-3.00%	4.54%
20	12	1.060	1.034	-0.03	-2.47%	3.74%
20	13	1.062	1.028	-0.03	-3.17%	4.80%
20	14	1.058	1.034	-0.02	-2.29%	3.47%
30	15	1.058	0.998	-0.06	-5.65%	8.54%
30	16	1.066	0.993	-0.07	-6.84%	10.41%
30	17	1.062	1.004	-0.06	-5.45%	8.27%
30	18	1.060	1.004	-0.06	-5.29%	8.01%
30	19	1.062	1.008	-0.05	-5.10%	7.74%
30	20	1.058	0.998	-0.06	-5.65%	8.54%
31	15a	1.058	1.034	-0.02	-2.29%	3.47%
31	16a	1.066	1.036	-0.03	-2.80%	4.27%
31	17a	1.062	1.034	-0.03	-2.64%	4.00%
31	18a	1.060	1.038	-0.02	-2.11%	3.20%
31	19a	1.062	1.040	-0.02	-2.11%	3.20%
31	20a	1.058	1.028	-0.03	-2.82%	4.27%
50	21	1.062	0.903	-0.16	-14.95%	22.68%
50	22	1.060	0.892	-0.17	-15.86%	24.02%
50	23	1.062	0.924	-0.14	-13.02%	19.75%
50	24	1.062	0.903	-0.16	-14.95%	22.68%
50	25	1.056	0.924	-0.13	-12.55%	18.95%
	Max	1.066	1.064	0.00	0.18%	24.02%
	Average	1.061	1.017	-0.04	-4.17%	6.34%
	Min	1.056	0.892	-0.16	-15.86%	0.27%
	Std Dev	0.002	0.049	0.05	4.62%	6.98%



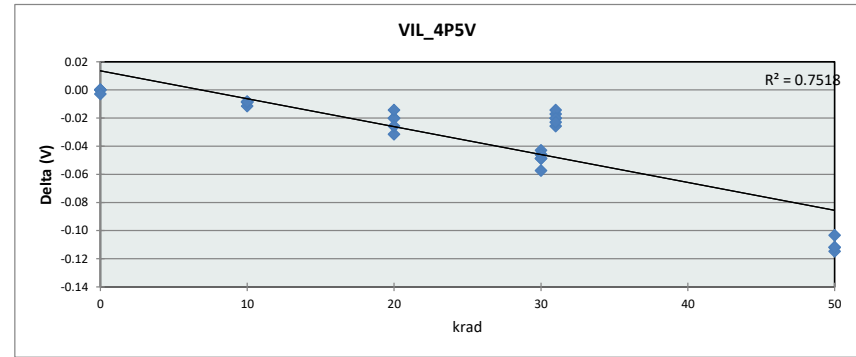
		VIL_3V					
		Units		V			
		Max Limit		1.45			
		Min Limit		0.75			
krad		0	10	20	30	31	50
LL		0.750	0.750	0.750	0.750	0.750	0.750
Min		1.060	1.053	1.028	0.993	1.028	0.892
Average		1.061	1.054	1.031	1.001	1.035	0.909
Max		1.064	1.056	1.034	1.008	1.040	0.924
UL		1.450	1.450	1.450	1.450	1.450	1.450



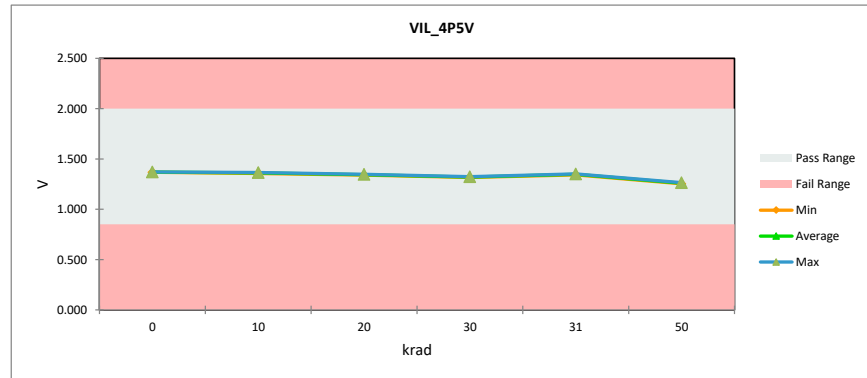
TID Report

SN54SC8T573-SEP

		VIL_4P5V					
		Units		V			
		Max Limit		2			
		Min Limit		0.85			
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range	
0	1	1.371	1.371	0.00	0.00%	0.00%	
0	2	1.371	1.371	0.00	0.00%	0.00%	
0	3	1.368	1.368	0.00	0.00%	0.00%	
0	4	1.371	1.368	0.00	-0.21%	0.25%	
10	5	1.371	1.362	-0.01	-0.63%	0.75%	
10	6	1.368	1.356	-0.01	-0.84%	1.00%	
10	7	1.374	1.365	-0.01	-0.63%	0.75%	
10	8	1.371	1.362	-0.01	-0.63%	0.75%	
10	9	1.365	1.356	-0.01	-0.63%	0.75%	
20	10	1.362	1.342	-0.02	-1.47%	1.75%	
20	11	1.371	1.339	-0.03	-2.30%	2.74%	
20	12	1.365	1.345	-0.02	-1.47%	1.75%	
20	13	1.368	1.342	-0.03	-1.89%	2.24%	
20	14	1.362	1.348	-0.01	-1.05%	1.25%	
30	15	1.365	1.316	-0.05	-3.57%	4.24%	
30	16	1.374	1.316	-0.06	-4.18%	4.99%	
30	17	1.368	1.322	-0.05	-3.36%	3.99%	
30	18	1.365	1.322	-0.04	-3.15%	3.74%	
30	19	1.371	1.325	-0.05	-3.35%	3.99%	
30	20	1.365	1.316	-0.05	-3.57%	4.24%	
31	15a	1.365	1.345	-0.02	-1.47%	1.75%	
31	16a	1.374	1.348	-0.03	-1.88%	2.24%	
31	17a	1.368	1.351	-0.02	-1.26%	1.50%	
31	18a	1.365	1.351	-0.01	-1.05%	1.25%	
31	19a	1.371	1.351	-0.02	-1.46%	1.75%	
31	20a	1.365	1.342	-0.02	-1.68%	2.00%	
50	21	1.368	1.256	-0.11	-8.18%	9.73%	
50	22	1.368	1.253	-0.11	-8.39%	9.98%	
50	23	1.368	1.265	-0.10	-7.55%	8.98%	
50	24	1.371	1.259	-0.11	-8.16%	9.73%	
50	25	1.365	1.262	-0.10	-7.57%	8.98%	
	Max	1.374	1.371	0.00	0.00%	9.98%	
	Average	1.368	1.334	-0.03	-2.47%	2.94%	
	Min	1.362	1.253	-0.11	-8.39%	0.00%	
	Std Dev	0.003	0.035	0.03	2.52%	3.00%	

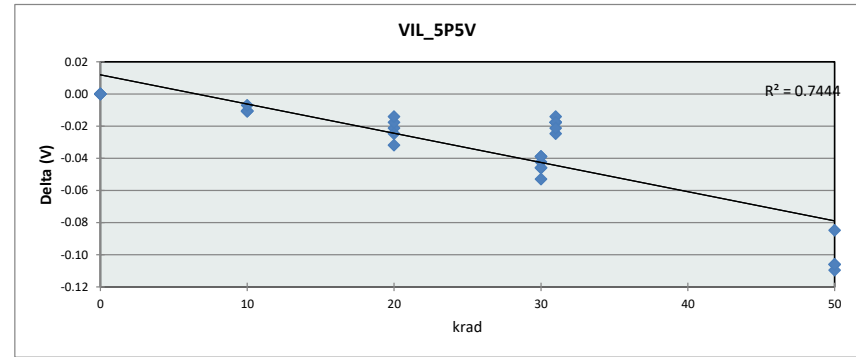


		VIL_4P5V					
		Units		V			
		Max Limit		2			
		Min Limit		0.85			
krad		0	10	20	30	31	50
LL		0.850	0.850	0.850	0.850	0.850	0.850
Min		1.368	1.356	1.339	1.316	1.342	1.253
Average		1.369	1.360	1.343	1.320	1.348	1.259
Max		1.371	1.365	1.348	1.325	1.351	1.265
UL		2.000	2.000	2.000	2.000	2.000	2.000

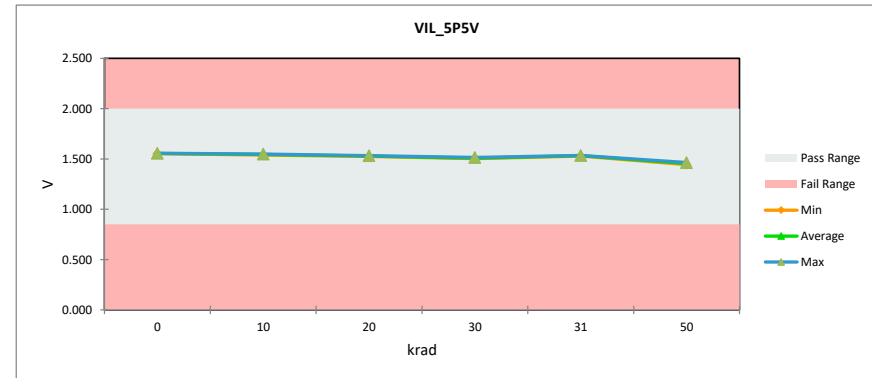


TID Report SN54SC8T573-SEP

		VIL_5P5V				
		Units		V		
		Max Limit		2		
		Min Limit		0.85		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.557	1.557	0.00	0.00%	0.00%
0	2	1.557	1.557	0.00	0.00%	0.00%
0	3	1.553	1.553	0.00	0.00%	0.00%
0	4	1.553	1.553	0.00	0.00%	0.00%
10	5	1.557	1.546	-0.01	-0.68%	0.92%
10	6	1.550	1.539	-0.01	-0.68%	0.92%
10	7	1.560	1.550	-0.01	-0.68%	0.92%
10	8	1.557	1.546	-0.01	-0.68%	0.92%
10	9	1.550	1.543	-0.01	-0.46%	0.61%
20	10	1.550	1.528	-0.02	-1.37%	1.84%
20	11	1.557	1.525	-0.03	-2.04%	2.77%
20	12	1.550	1.532	-0.02	-1.14%	1.54%
20	13	1.553	1.528	-0.02	-1.59%	2.15%
20	14	1.546	1.532	-0.01	-0.91%	1.23%
30	15	1.550	1.504	-0.05	-2.97%	4.00%
30	16	1.557	1.504	-0.05	-3.41%	4.61%
30	17	1.553	1.511	-0.04	-2.73%	3.69%
30	18	1.550	1.511	-0.04	-2.51%	3.38%
30	19	1.553	1.514	-0.04	-2.50%	3.38%
30	20	1.550	1.504	-0.05	-2.97%	4.00%
31	15a	1.550	1.532	-0.02	-1.14%	1.54%
31	16a	1.557	1.532	-0.02	-1.59%	2.15%
31	17a	1.553	1.535	-0.02	-1.14%	1.54%
31	18a	1.550	1.535	-0.01	-0.91%	1.23%
31	19a	1.553	1.535	-0.02	-1.14%	1.54%
31	20a	1.550	1.528	-0.02	-1.37%	1.84%
50	21	1.553	1.447	-0.11	-6.83%	9.22%
50	22	1.553	1.444	-0.11	-7.06%	9.53%
50	23	1.550	1.465	-0.08	-5.48%	7.38%
50	24	1.557	1.451	-0.11	-6.81%	9.22%
50	25	1.550	1.465	-0.08	-5.48%	7.38%
	Max	1.560	1.557	0.00	0.00%	9.53%
	Average	1.553	1.521	-0.03	-2.03%	2.74%
	Min	1.546	1.444	-0.10	-7.06%	0.00%
	Std Dev	0.003	0.032	0.03	2.04%	2.76%



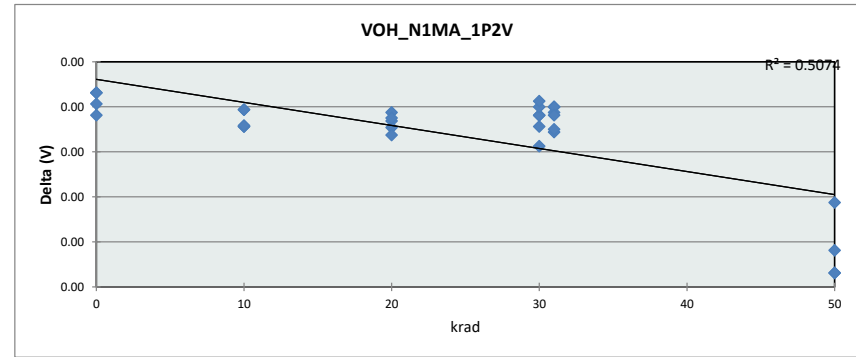
		VIL_5P5V					
		Units					
		Max Limit					
		Min Limit					
		0.85					
krad		0	10	20	30	31	50
LL		0.850	0.850	0.850	0.850	0.850	0.850
Min		1.553	1.539	1.525	1.504	1.528	1.444
Average		1.555	1.545	1.529	1.508	1.533	1.454
Max		1.557	1.550	1.532	1.514	1.535	1.465
UL		2.000	2.000	2.000	2.000	2.000	2.000



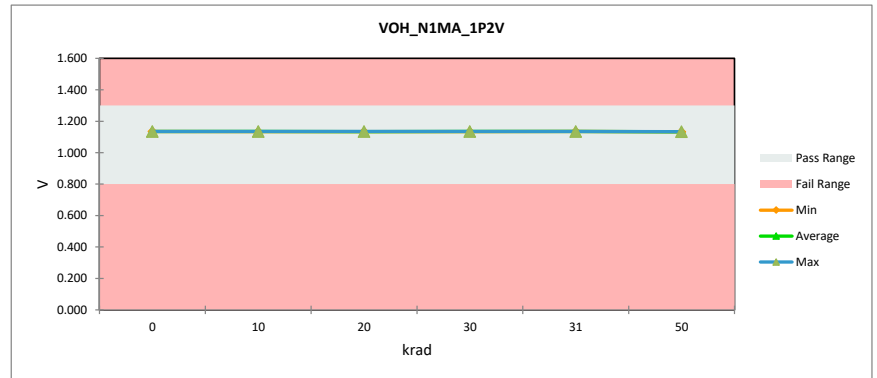
TID Report

SN54SC8T573-SEP

		VOH_N1MA_1P2V				
		Units		V		
		Max Limit		1.3		
		Min Limit		0.8		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.135	1.135	0.00	-0.03%	0.07%
0	2	1.135	1.135	0.00	-0.04%	0.09%
0	3	1.135	1.135	0.00	-0.03%	0.07%
0	4	1.135	1.135	0.00	-0.05%	0.12%
10	5	1.135	1.135	0.00	-0.05%	0.11%
10	6	1.135	1.134	0.00	-0.06%	0.14%
10	7	1.135	1.134	0.00	-0.06%	0.14%
10	8	1.135	1.134	0.00	-0.06%	0.14%
10	9	1.135	1.134	0.00	-0.05%	0.11%
20	10	1.135	1.134	0.00	-0.05%	0.11%
20	11	1.135	1.134	0.00	-0.06%	0.13%
20	12	1.135	1.134	0.00	-0.06%	0.15%
20	13	1.135	1.134	0.00	-0.06%	0.12%
20	14	1.135	1.134	0.00	-0.07%	0.16%
30	15	1.135	1.134	0.00	-0.05%	0.12%
30	16	1.135	1.135	0.00	-0.05%	0.12%
30	17	1.135	1.134	0.00	-0.06%	0.14%
30	18	1.135	1.135	0.00	-0.04%	0.10%
30	19	1.135	1.134	0.00	-0.08%	0.19%
30	20	1.135	1.135	0.00	-0.04%	0.09%
31	15a	1.135	1.135	0.00	-0.04%	0.10%
31	16a	1.135	1.134	0.00	-0.07%	0.16%
31	17a	1.135	1.135	0.00	-0.05%	0.11%
31	18a	1.135	1.135	0.00	-0.04%	0.10%
31	19a	1.135	1.135	0.00	-0.07%	0.15%
31	20a	1.135	1.135	0.00	-0.05%	0.12%
50	21	1.135	1.133	0.00	-0.21%	0.47%
50	22	1.135	1.133	0.00	-0.21%	0.47%
50	23	1.135	1.133	0.00	-0.14%	0.31%
50	24	1.135	1.133	0.00	-0.18%	0.42%
50	25	1.135	1.133	0.00	-0.18%	0.40%
	Max	1.135	1.135	0.00	-0.03%	0.47%
	Average	1.135	1.134	0.00	-0.07%	0.16%
	Min	1.135	1.133	0.00	-0.21%	0.07%
	Std Dev	0.000	0.001	0.00	0.05%	0.11%



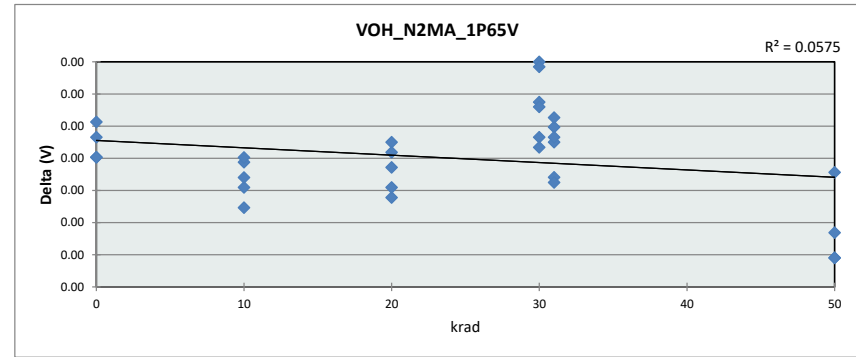
		VOH_N1MA_1P2V					
		Units		V			
		Max Limit		1.3			
		Min Limit		0.8			
krad		0	10	20	30	31	50
LL		0.800	0.800	0.800	0.800	0.800	0.800
Min		1.135	1.134	1.134	1.134	1.134	1.133
Average		1.135	1.134	1.134	1.135	1.135	1.133
Max		1.135	1.135	1.134	1.135	1.135	1.133
UL		1.300	1.300	1.300	1.300	1.300	1.300



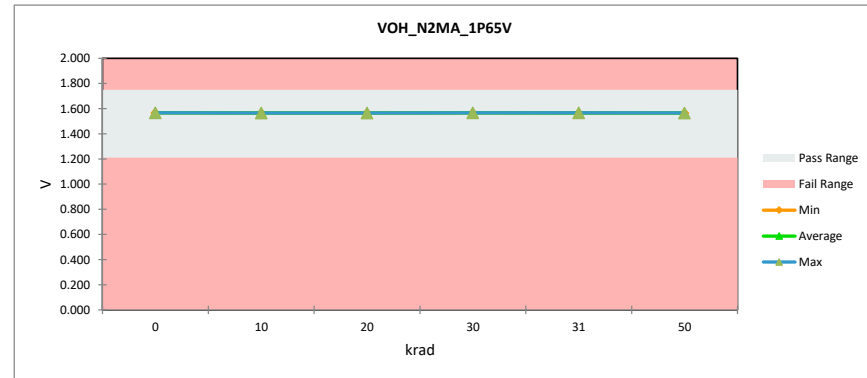
TID Report

SN54SC8T573-SEP

		VOH_N2MA_1P65V				
Units		V				
Max Limit		1.75				
Min Limit		1.21				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.567	1.566	0.00	-0.03%	0.09%
0	2	1.567	1.566	0.00	-0.04%	0.11%
0	3	1.567	1.566	0.00	-0.04%	0.11%
0	4	1.567	1.567	0.00	-0.02%	0.07%
10	5	1.567	1.566	0.00	-0.04%	0.12%
10	6	1.567	1.566	0.00	-0.06%	0.17%
10	7	1.567	1.566	0.00	-0.04%	0.11%
10	8	1.567	1.566	0.00	-0.05%	0.14%
10	9	1.567	1.566	0.00	-0.05%	0.13%
20	10	1.567	1.566	0.00	-0.03%	0.09%
20	11	1.567	1.566	0.00	-0.04%	0.12%
20	12	1.567	1.566	0.00	-0.05%	0.16%
20	13	1.567	1.566	0.00	-0.05%	0.14%
20	14	1.566	1.566	0.00	-0.04%	0.10%
30	15	1.567	1.567	0.00	0.00%	0.00%
30	16	1.567	1.567	0.00	-0.02%	0.05%
30	17	1.567	1.566	0.00	-0.02%	0.05%
30	18	1.567	1.567	0.00	0.00%	0.01%
30	19	1.567	1.567	0.00	-0.03%	0.09%
30	20	1.567	1.566	0.00	-0.03%	0.10%
31	15a	1.567	1.566	0.00	-0.03%	0.08%
31	16a	1.567	1.567	0.00	-0.02%	0.06%
31	17a	1.567	1.566	0.00	-0.03%	0.09%
31	18a	1.567	1.566	0.00	-0.03%	0.09%
31	19a	1.567	1.566	0.00	-0.05%	0.13%
31	20a	1.567	1.566	0.00	-0.05%	0.14%
50	21	1.567	1.565	0.00	-0.08%	0.23%
50	22	1.567	1.565	0.00	-0.08%	0.23%
50	23	1.567	1.566	0.00	-0.04%	0.13%
50	24	1.567	1.566	0.00	-0.07%	0.20%
50	25	1.567	1.565	0.00	-0.09%	0.26%
Max		1.567	1.567	0.00	0.00%	0.23%
Average		1.567	1.566	0.00	-0.04%	0.11%
Min		1.566	1.565	0.00	-0.08%	0.00%
Std Dev		0.000	0.000	0.00	0.02%	0.05%



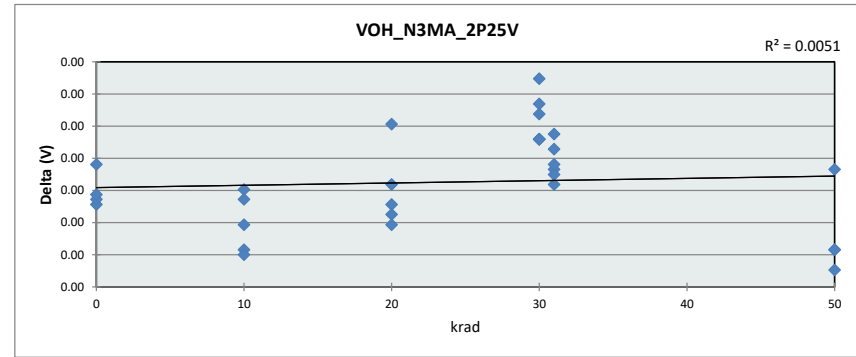
		VOH_N2MA_1P65V				
Units		V				
Max Limit		1.75				
Min Limit		1.21				
krad	0	10	20	30	31	50
LL	1.210	1.210	1.210	1.210	1.210	1.210
Min	1.566	1.566	1.566	1.566	1.566	1.565
Average	1.566	1.566	1.566	1.566	1.566	1.566
Max	1.567	1.566	1.566	1.567	1.567	1.566
UL	1.750	1.750	1.750	1.750	1.750	1.750



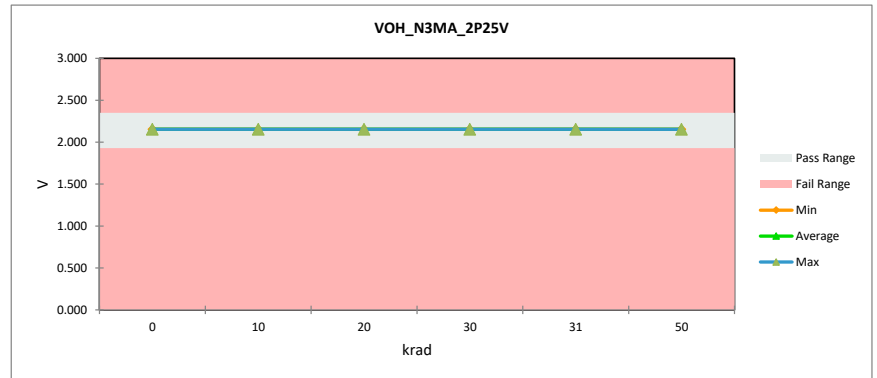
TID Report

SN54SC8T573-SEP

		VOH_N3MA_2P25V				
Units		V				
Max Limit		2.35				
Min Limit		1.93				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.154	2.154	0.00	-0.03%	0.16%
0	2	2.155	2.154	0.00	-0.03%	0.16%
0	3	2.154	2.154	0.00	-0.03%	0.15%
0	4	2.154	2.154	0.00	-0.02%	0.10%
10	5	2.154	2.154	0.00	-0.03%	0.14%
10	6	2.154	2.154	0.00	-0.03%	0.16%
10	7	2.154	2.153	0.00	-0.04%	0.23%
10	8	2.154	2.153	0.00	-0.04%	0.19%
10	9	2.154	2.153	0.00	-0.05%	0.24%
20	10	2.154	2.154	0.00	-0.01%	0.04%
20	11	2.154	2.153	0.00	-0.03%	0.16%
20	12	2.154	2.153	0.00	-0.03%	0.13%
20	13	2.154	2.153	0.00	-0.03%	0.18%
20	14	2.154	2.153	0.00	-0.04%	0.19%
30	15	2.154	2.154	0.00	0.00%	0.01%
30	16	2.154	2.154	0.00	0.00%	0.02%
30	17	2.154	2.154	0.00	-0.01%	0.07%
30	18	2.154	2.154	0.00	-0.01%	0.03%
30	19	2.154	2.154	0.00	-0.01%	0.07%
30	20	2.154	2.154	0.00	-0.01%	0.07%
31	15a	2.154	2.154	0.00	-0.02%	0.08%
31	16a	2.154	2.154	0.00	-0.01%	0.06%
31	17a	2.154	2.154	0.00	-0.03%	0.13%
31	18a	2.154	2.154	0.00	-0.02%	0.11%
31	19a	2.154	2.154	0.00	-0.02%	0.12%
31	20a	2.154	2.154	0.00	-0.02%	0.10%
50	21	2.154	2.153	0.00	-0.04%	0.23%
50	22	2.154	2.153	0.00	-0.05%	0.26%
50	23	2.154	2.154	0.00	-0.02%	0.11%
50	24	2.154	2.153	0.00	-0.04%	0.23%
50	25	2.154	2.153	0.00	-0.04%	0.19%
Max		2.155	2.154	0.00	0.00%	0.26%
Average		2.154	2.154	0.00	-0.03%	0.13%
Min		2.154	2.153	0.00	-0.05%	0.01%
Std Dev		0.000	0.000	0.00	0.01%	0.07%



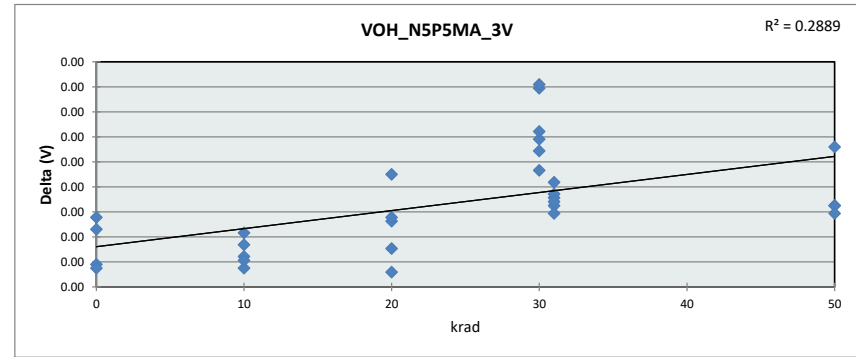
		VOH_N3MA_2P25V				
Units		V				
Max Limit		2.35				
Min Limit		1.93				
krad		0	10	20	31	50
LL		1.930	1.930	1.930	1.930	1.930
Min		2.154	2.153	2.153	2.154	2.153
Average		2.154	2.153	2.153	2.154	2.154
Max		2.154	2.154	2.154	2.154	2.154
UL		2.350	2.350	2.350	2.350	2.350



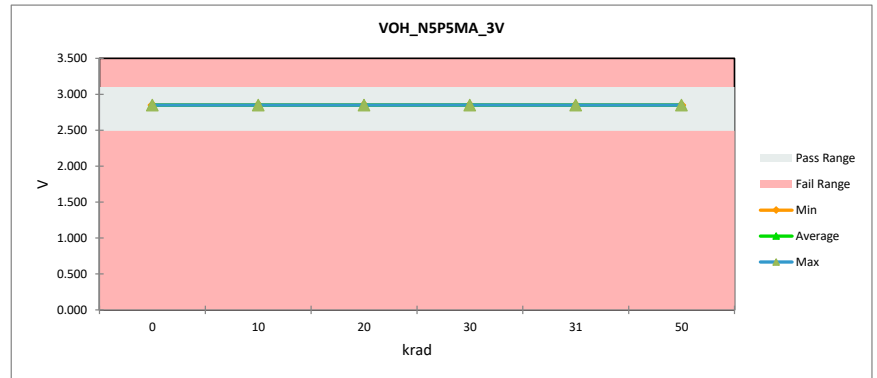
TID Report

SN54SC8T573-SEP

		VOH_N5P5MA_3V				
Units		V				
Max Limit		3.1				
Min Limit		2.49				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	2.851	2.850	0.00	-0.03%	0.15%
0	2	2.851	2.850	0.00	-0.04%	0.20%
0	3	2.851	2.850	0.00	-0.04%	0.21%
0	4	2.851	2.850	0.00	-0.03%	0.14%
10	5	2.851	2.850	0.00	-0.04%	0.19%
10	6	2.851	2.850	0.00	-0.04%	0.21%
10	7	2.851	2.850	0.00	-0.03%	0.16%
10	8	2.851	2.850	0.00	-0.04%	0.17%
10	9	2.851	2.850	0.00	-0.04%	0.19%
20	10	2.851	2.850	0.00	-0.02%	0.08%
20	11	2.850	2.850	0.00	-0.03%	0.14%
20	12	2.851	2.850	0.00	-0.04%	0.18%
20	13	2.850	2.849	0.00	-0.03%	0.14%
20	14	2.851	2.849	0.00	-0.04%	0.21%
30	15	2.850	2.851	0.00	0.01%	0.03%
30	16	2.851	2.851	0.00	-0.01%	0.04%
30	17	2.851	2.850	0.00	-0.01%	0.05%
30	18	2.851	2.851	0.00	0.01%	0.04%
30	19	2.851	2.851	0.00	-0.01%	0.03%
30	20	2.851	2.850	0.00	-0.02%	0.08%
31	15a	2.850	2.850	0.00	-0.02%	0.09%
31	16a	2.851	2.850	0.00	-0.03%	0.12%
31	17a	2.851	2.850	0.00	-0.02%	0.11%
31	18a	2.851	2.850	0.00	-0.02%	0.11%
31	19a	2.851	2.850	0.00	-0.03%	0.12%
31	20a	2.851	2.850	0.00	-0.03%	0.13%
50	21	2.851	2.850	0.00	-0.03%	0.12%
50	22	2.851	2.850	0.00	-0.03%	0.12%
50	23	2.851	2.850	0.00	-0.01%	0.05%
50	24	2.851	2.850	0.00	-0.03%	0.13%
50	25	2.851	2.850	0.00	-0.03%	0.15%
Max		2.851	2.851	0.00	0.01%	0.21%
Average		2.851	2.850	0.00	-0.03%	0.12%
Min		2.850	2.849	0.00	-0.04%	0.03%
Std Dev		0.000	0.000	0.00	0.01%	0.06%



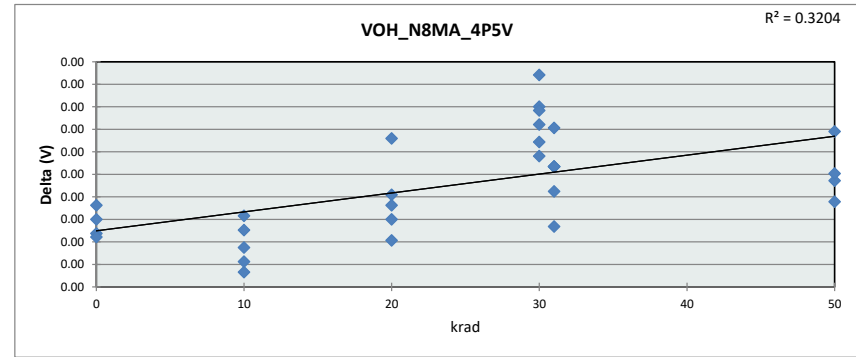
		VOH_N5P5MA_3V				
Units		V				
Max Limit		3.1				
Min Limit		2.49				
krad	0	10	20	30	31	50
LL	2.490	2.490	2.490	2.490	2.490	2.490
Min	2.850	2.850	2.849	2.850	2.850	2.850
Average	2.850	2.850	2.850	2.851	2.850	2.850
Max	2.850	2.850	2.850	2.851	2.850	2.850
UL	3.100	3.100	3.100	3.100	3.100	3.100



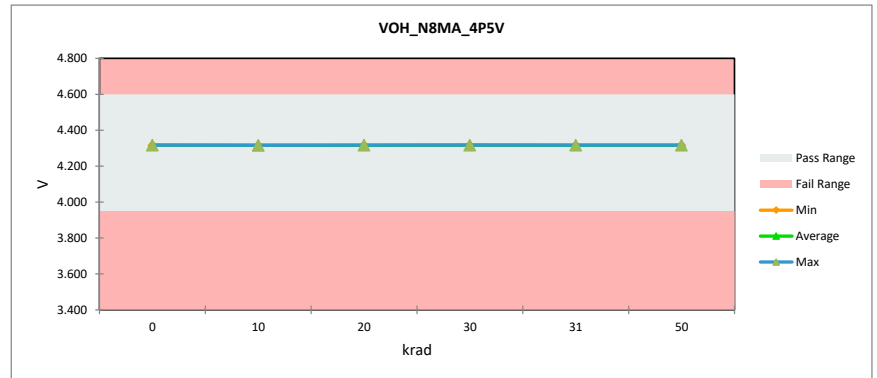
TID Report

SN54SC8T573-SEP

		VOH_N8MA_4P5V				
		Units		V		
		Max Limit		4.6		
		Min Limit		3.95		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	4.317	4.316	0.00	-0.02%	0.13%
0	2	4.318	4.317	0.00	-0.02%	0.15%
0	3	4.318	4.316	0.00	-0.03%	0.17%
0	4	4.317	4.316	0.00	-0.03%	0.18%
10	5	4.317	4.316	0.00	-0.02%	0.15%
10	6	4.317	4.316	0.00	-0.03%	0.17%
10	7	4.317	4.316	0.00	-0.03%	0.21%
10	8	4.317	4.316	0.00	-0.03%	0.23%
10	9	4.317	4.316	0.00	-0.03%	0.19%
20	10	4.317	4.316	0.00	-0.01%	0.04%
20	11	4.317	4.316	0.00	-0.02%	0.12%
20	12	4.317	4.316	0.00	-0.03%	0.18%
20	13	4.316	4.315	0.00	-0.02%	0.13%
20	14	4.317	4.316	0.00	-0.02%	0.15%
30	15	4.317	4.317	0.00	0.00%	0.00%
30	16	4.317	4.317	0.00	0.00%	0.00%
30	17	4.317	4.317	0.00	-0.01%	0.05%
30	18	4.317	4.317	0.00	0.01%	0.04%
30	19	4.317	4.317	0.00	0.00%	0.02%
30	20	4.317	4.317	0.00	-0.01%	0.07%
31	15a	4.317	4.317	0.00	0.00%	0.03%
31	16a	4.317	4.317	0.00	-0.01%	0.08%
31	17a	4.317	4.316	0.00	-0.02%	0.12%
31	18a	4.317	4.316	0.00	-0.01%	0.08%
31	19a	4.317	4.317	0.00	-0.01%	0.08%
31	20a	4.317	4.316	0.00	-0.02%	0.16%
50	21	4.317	4.317	0.00	-0.02%	0.10%
50	22	4.317	4.316	0.00	-0.01%	0.09%
50	23	4.317	4.317	0.00	-0.01%	0.03%
50	24	4.317	4.316	0.00	-0.02%	0.13%
50	25	4.317	4.316	0.00	-0.02%	0.13%
Max		4.318	4.317	0.00	0.01%	0.23%
Average		4.317	4.316	0.00	-0.02%	0.11%
Min		4.316	4.315	0.00	-0.03%	0.00%
Std Dev		0.000	0.000	0.00	0.01%	0.06%



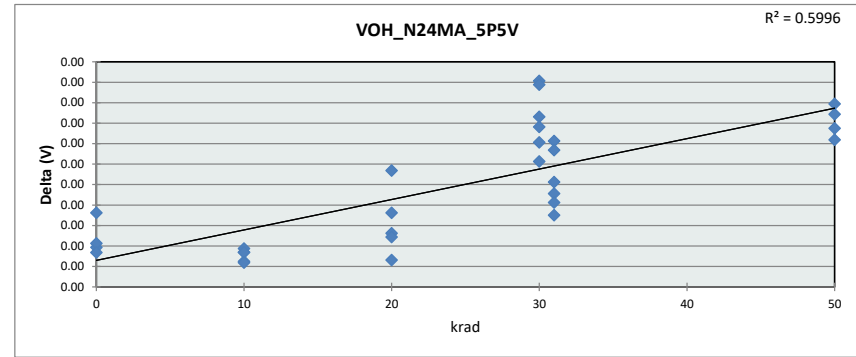
		VOH_N8MA_4P5V					
		Units		V			
		Max Limit		4.6			
		Min Limit		3.95			
krad		0	10	20	30	31	50
LL		3.950	3.950	3.950	3.950	3.950	3.950
Min		4.316	4.316	4.315	4.317	4.316	4.316
Average		4.316	4.316	4.316	4.317	4.316	4.316
Max		4.317	4.316	4.316	4.317	4.317	4.317
UL		4.600	4.600	4.600	4.600	4.600	4.600



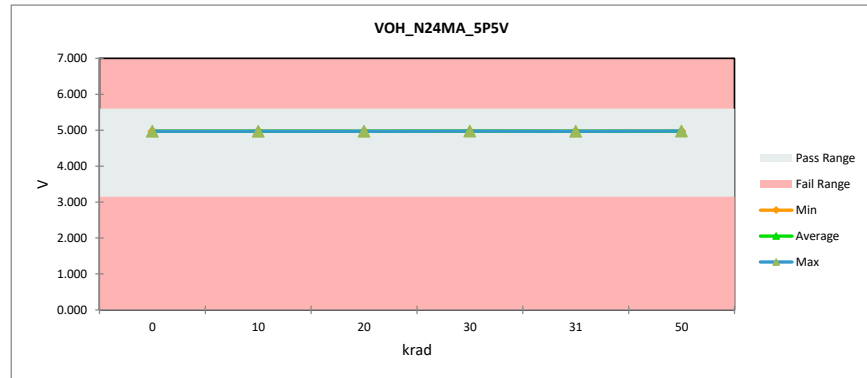
TID Report

SN54SC8T573-SEP

		VOH_N24MA_5P5V				
		Units		V		
		Max Limit		5.6		
		Min Limit		3.15		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	4.974	4.972	0.00	-0.04%	0.09%
0	2	4.976	4.973	0.00	-0.06%	0.12%
0	3	4.975	4.972	0.00	-0.06%	0.12%
0	4	4.975	4.972	0.00	-0.06%	0.13%
10	5	4.975	4.972	0.00	-0.06%	0.13%
10	6	4.974	4.971	0.00	-0.07%	0.14%
10	7	4.974	4.971	0.00	-0.06%	0.13%
10	8	4.973	4.970	0.00	-0.06%	0.13%
10	9	4.974	4.971	0.00	-0.07%	0.14%
20	10	4.973	4.972	0.00	-0.02%	0.05%
20	11	4.973	4.971	0.00	-0.05%	0.11%
20	12	4.974	4.971	0.00	-0.07%	0.14%
20	13	4.972	4.970	0.00	-0.04%	0.09%
20	14	4.973	4.970	0.00	-0.06%	0.11%
30	15	4.973	4.974	0.00	0.02%	0.04%
30	16	4.975	4.975	0.00	0.00%	0.01%
30	17	4.973	4.973	0.00	-0.01%	0.02%
30	18	4.973	4.974	0.00	0.02%	0.04%
30	19	4.974	4.974	0.00	0.00%	0.00%
30	20	4.974	4.973	0.00	-0.02%	0.04%
31	15a	4.973	4.972	0.00	-0.01%	0.02%
31	16a	4.975	4.973	0.00	-0.03%	0.06%
31	17a	4.973	4.972	0.00	-0.03%	0.07%
31	18a	4.973	4.973	0.00	-0.01%	0.03%
31	19a	4.974	4.972	0.00	-0.04%	0.08%
31	20a	4.974	4.972	0.00	-0.05%	0.09%
50	21	4.974	4.974	0.00	0.00%	0.01%
50	22	4.974	4.973	0.00	0.00%	0.01%
50	23	4.974	4.974	0.00	0.01%	0.02%
50	24	4.973	4.973	0.00	-0.01%	0.02%
50	25	4.974	4.973	0.00	-0.02%	0.04%
	Max	4.976	4.975	0.00	0.02%	0.14%
	Average	4.974	4.972	0.00	-0.03%	0.07%
	Min	4.972	4.970	0.00	-0.07%	0.00%
	Std Dev	0.001	0.001	0.00	0.03%	0.05%



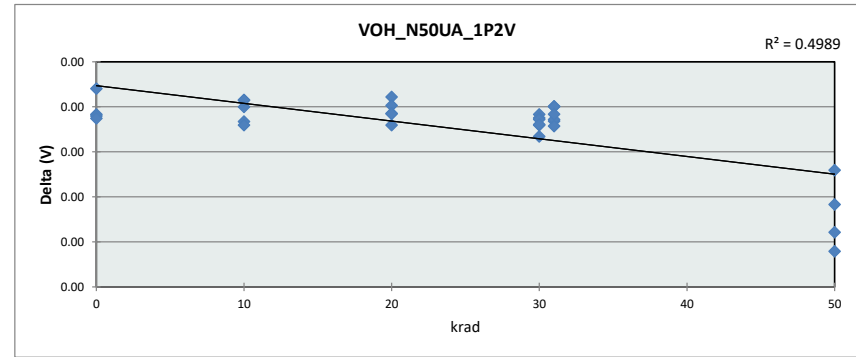
		VOH_N24MA_5P5V					
		Units		V			
		Max Limit		5.6			
		Min Limit		3.15			
krad		0	10	20	30	31	50
LL		3.150	3.150	3.150	3.150	3.150	3.150
Min		4.972	4.970	4.970	4.973	4.972	4.973
Average		4.972	4.971	4.971	4.974	4.972	4.973
Max		4.973	4.972	4.972	4.975	4.973	4.974
UL		5.600	5.600	5.600	5.600	5.600	5.600



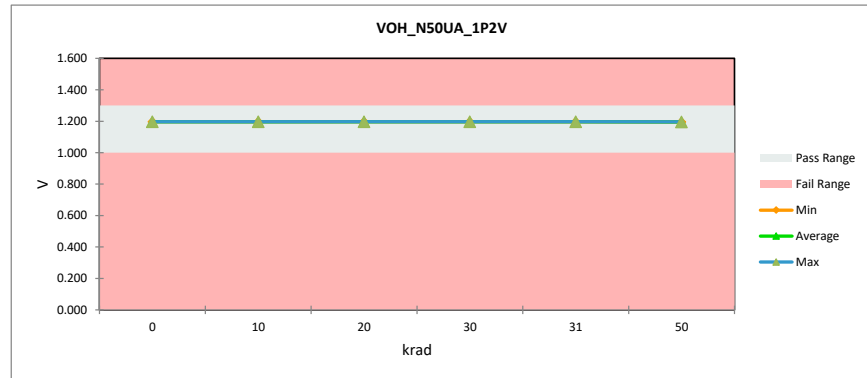
TID Report

SN54SC8T573-SEP

		VOH_N50UA_1P2V				
		Units		V		
		Max Limit		1.3		
		Min Limit		1		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	1.197	1.197	0.00	-0.01%	0.03%
0	2	1.197	1.197	0.00	-0.01%	0.03%
0	3	1.197	1.197	0.00	-0.01%	0.04%
0	4	1.197	1.197	0.00	0.02%	0.07%
10	5	1.197	1.197	0.00	0.01%	0.02%
10	6	1.197	1.197	0.00	0.00%	0.00%
10	7	1.197	1.197	0.00	0.01%	0.03%
10	8	1.197	1.197	0.00	-0.01%	0.05%
10	9	1.197	1.197	0.00	-0.02%	0.07%
20	10	1.197	1.197	0.00	0.01%	0.04%
20	11	1.197	1.197	0.00	0.00%	0.01%
20	12	1.197	1.197	0.00	-0.01%	0.02%
20	13	1.197	1.197	0.00	-0.01%	0.03%
20	14	1.197	1.196	0.00	-0.02%	0.07%
30	15	1.197	1.197	0.00	-0.01%	0.03%
30	16	1.197	1.197	0.00	-0.02%	0.07%
30	17	1.197	1.197	0.00	-0.01%	0.04%
30	18	1.197	1.197	0.00	-0.01%	0.05%
30	19	1.197	1.197	0.00	-0.02%	0.07%
30	20	1.197	1.196	0.00	-0.03%	0.11%
31	15a	1.197	1.197	0.00	0.00%	0.00%
31	16a	1.197	1.197	0.00	-0.01%	0.05%
31	17a	1.197	1.197	0.00	-0.01%	0.05%
31	18a	1.197	1.197	0.00	0.00%	0.00%
31	19a	1.197	1.197	0.00	-0.02%	0.07%
31	20a	1.197	1.197	0.00	-0.01%	0.03%
50	21	1.197	1.195	0.00	-0.13%	0.54%
50	22	1.197	1.195	0.00	-0.12%	0.46%
50	23	1.197	1.196	0.00	-0.06%	0.23%
50	24	1.197	1.196	0.00	-0.09%	0.36%
50	25	1.197	1.196	0.00	-0.09%	0.34%
Max		1.197	1.197	0.00	0.02%	0.54%
Average		1.197	1.196	0.00	-0.02%	0.09%
Min		1.197	1.195	0.00	-0.13%	0.00%
Std Dev		0.000	0.000	0.00	0.04%	0.13%

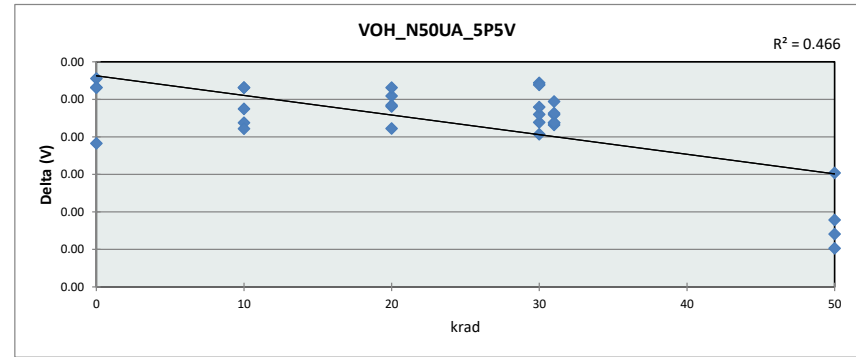


		VOH_N50UA_1P2V					
		Units		V			
		Max Limit		1.3			
		Min Limit		1			
krad		0	10	20	30	31	50
LL		1.000	1.000	1.000	1.000	1.000	1.000
Min		1.197	1.197	1.196	1.196	1.197	1.195
Average		1.197	1.197	1.197	1.197	1.197	1.196
Max		1.197	1.197	1.197	1.197	1.197	1.196
UL		1.300	1.300	1.300	1.300	1.300	1.300

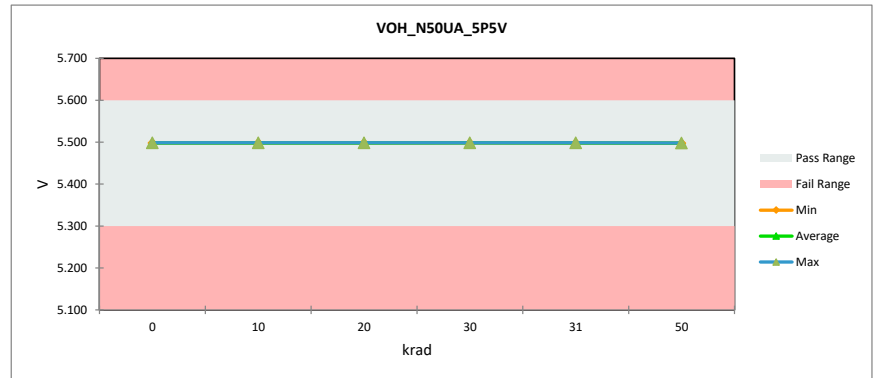


TID Report SN54SC8T573-SEP

VOH_N50UA_5P5V						
Units	V					
Max Limit	5.6					
Min Limit	5.3					
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	5.498	5.498	0.00	0.00%	0.02%
0	2	5.498	5.498	0.00	0.00%	0.08%
0	3	5.498	5.498	0.00	0.00%	0.04%
0	4	5.498	5.498	0.00	0.00%	0.02%
10	5	5.498	5.498	0.00	0.00%	0.02%
10	6	5.498	5.498	0.00	0.00%	0.04%
10	7	5.498	5.498	0.00	0.00%	0.05%
10	8	5.498	5.498	0.00	0.00%	0.02%
10	9	5.498	5.498	0.00	0.00%	0.02%
20	10	5.498	5.498	0.00	0.00%	0.05%
20	11	5.498	5.498	0.00	0.00%	0.01%
20	12	5.498	5.498	0.00	0.00%	0.01%
20	13	5.498	5.498	0.00	0.00%	0.01%
20	14	5.498	5.498	0.00	0.00%	0.02%
30	15	5.499	5.498	0.00	0.00%	0.04%
30	16	5.498	5.499	0.00	0.00%	0.03%
30	17	5.499	5.498	0.00	0.00%	0.06%
30	18	5.499	5.498	0.00	0.00%	0.03%
30	19	5.498	5.499	0.00	0.00%	0.03%
30	20	5.499	5.498	0.00	0.00%	0.01%
31	15a	5.499	5.498	0.00	0.00%	0.05%
31	16a	5.498	5.498	0.00	0.00%	0.03%
31	17a	5.499	5.498	0.00	0.00%	0.04%
31	18a	5.499	5.499	0.00	0.00%	0.00%
31	19a	5.498	5.498	0.00	0.00%	0.04%
31	20a	5.499	5.498	0.00	0.00%	0.02%
50	21	5.498	5.498	0.00	-0.01%	0.27%
50	22	5.498	5.498	0.00	-0.01%	0.24%
50	23	5.498	5.498	0.00	-0.01%	0.13%
50	24	5.498	5.498	0.00	-0.01%	0.21%
50	25	5.498	5.498	0.00	-0.01%	0.18%
	Max	5.499	5.499	0.00	0.00%	0.27%
	Average	5.498	5.498	0.00	0.00%	0.05%
	Min	5.498	5.498	0.00	-0.01%	0.00%
	Std Dev	0.000	0.000	0.00	0.00%	0.07%



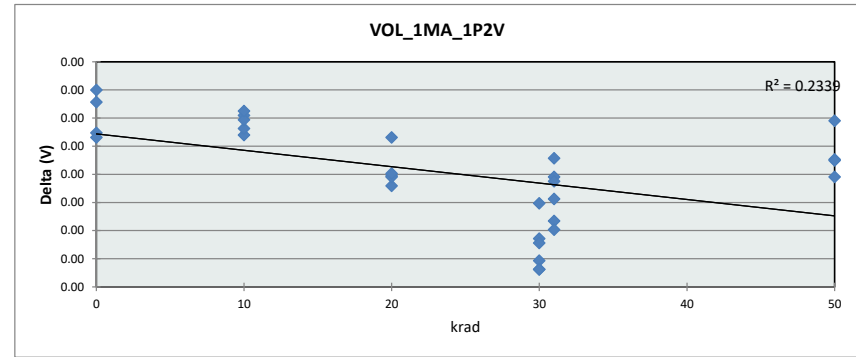
VOH_N50UA_5P5V						
Units	V					
Max Limit	5.6					
Min Limit	5.3					
krad	0	10	20	30	31	50
LL	5.300	5.300	5.300	5.300	5.300	5.300
Min	5.498	5.498	5.498	5.498	5.498	5.498
Average	5.498	5.498	5.498	5.498	5.498	5.498
Max	5.498	5.498	5.498	5.499	5.499	5.498
UL	5.600	5.600	5.600	5.600	5.600	5.600



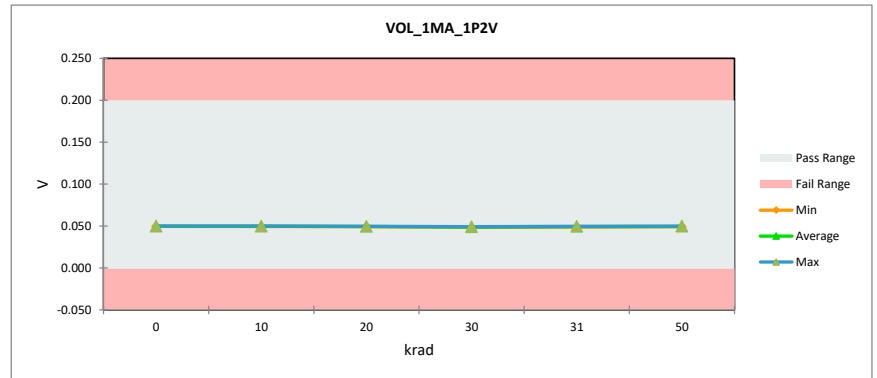
TID Report

SN54SC8T573-SEP

		VOL_1MA_1P2V					
		Units		V			
		Max Limit		0.2			
		Min Limit		-0.001			
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range	
0	1	0.050	0.050	0.00	0.19%	0.05%	
0	2	0.050	0.050	0.00	0.63%	0.16%	
0	3	0.050	0.050	0.00	0.81%	0.20%	
0	4	0.050	0.050	0.00	0.13%	0.03%	
10	5	0.050	0.050	0.00	0.16%	0.04%	
10	6	0.049	0.050	0.00	0.44%	0.11%	
10	7	0.049	0.049	0.00	0.25%	0.06%	
10	8	0.050	0.050	0.00	0.38%	0.09%	
10	9	0.050	0.050	0.00	0.50%	0.12%	
20	10	0.050	0.049	0.00	-0.43%	0.11%	
20	11	0.050	0.049	0.00	-0.57%	0.14%	
20	12	0.050	0.050	0.00	0.13%	0.03%	
20	13	0.050	0.049	0.00	-0.44%	0.11%	
20	14	0.050	0.050	0.00	-0.39%	0.10%	
30	15	0.049	0.049	0.00	-1.64%	0.40%	
30	16	0.049	0.048	0.00	-1.78%	0.44%	
30	17	0.050	0.049	0.00	-1.32%	0.33%	
30	18	0.050	0.049	0.00	-0.82%	0.20%	
30	19	0.050	0.049	0.00	-1.76%	0.44%	
30	20	0.050	0.049	0.00	-1.39%	0.34%	
31	15a	0.049	0.049	0.00	-0.76%	0.19%	
31	16a	0.049	0.049	0.00	-1.08%	0.26%	
31	17a	0.050	0.050	0.00	-0.44%	0.11%	
31	18a	0.050	0.049	0.00	-0.17%	0.04%	
31	19a	0.050	0.049	0.00	-1.20%	0.30%	
31	20a	0.050	0.049	0.00	-0.50%	0.12%	
50	21	0.050	0.049	0.00	-0.44%	0.11%	
50	22	0.050	0.049	0.00	-0.19%	0.05%	
50	23	0.050	0.049	0.00	-0.20%	0.05%	
50	24	0.050	0.050	0.00	0.36%	0.09%	
50	25	0.050	0.050	0.00	-0.38%	0.09%	
	Max	0.050	0.050	0.00	0.81%	0.44%	
	Average	0.050	0.049	0.00	-0.38%	0.16%	
	Min	0.049	0.048	0.00	-1.78%	0.03%	
	Std Dev	0.000	0.000	0.00	0.73%	0.12%	

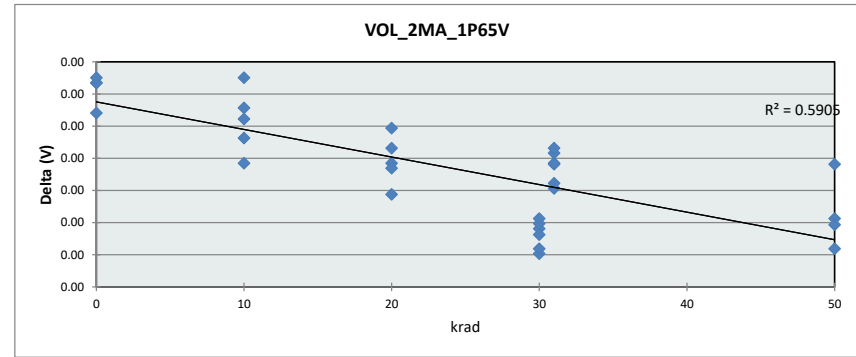


		VOL_1MA_1P2V					
		Units		V			
		Max Limit		0.2			
		Min Limit		-0.001			
krad		0	10	20	30	31	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.050	0.049	0.049	0.048	0.049	0.049
Average		0.050	0.050	0.050	0.049	0.049	0.050
Max		0.050	0.050	0.050	0.049	0.050	0.050
UL		0.200	0.200	0.200	0.200	0.200	0.200

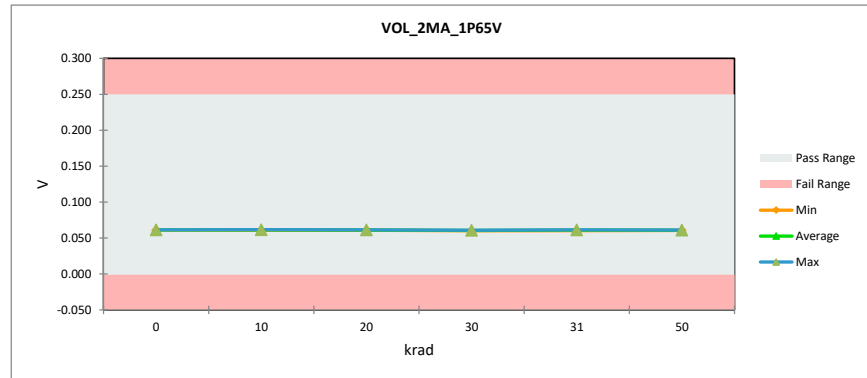


TID Report SN54SC8T573-SEP

		VOL_2MA_1P65V				
		Units		V		
		Max Limit		0.25		
		Min Limit		-0.001		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.061	0.061	0.00	0.77%	0.19%
0	2	0.061	0.061	0.00	0.77%	0.19%
0	3	0.061	0.061	0.00	0.82%	0.20%
0	4	0.061	0.061	0.00	0.46%	0.11%
10	5	0.061	0.061	0.00	0.40%	0.10%
10	6	0.061	0.061	0.00	-0.05%	0.01%
10	7	0.061	0.061	0.00	0.21%	0.05%
10	8	0.061	0.062	0.00	0.82%	0.20%
10	9	0.061	0.061	0.00	0.51%	0.12%
20	10	0.061	0.061	0.00	-0.37%	0.09%
20	11	0.061	0.061	0.00	-0.05%	0.01%
20	12	0.061	0.061	0.00	0.31%	0.07%
20	13	0.061	0.061	0.00	-0.10%	0.02%
20	14	0.061	0.061	0.00	0.10%	0.02%
30	15	0.061	0.060	0.00	-0.72%	0.17%
30	16	0.061	0.060	0.00	-0.67%	0.16%
30	17	0.061	0.061	0.00	-0.77%	0.19%
30	18	0.061	0.061	0.00	-0.97%	0.24%
30	19	0.061	0.061	0.00	-0.61%	0.15%
30	20	0.061	0.060	0.00	-0.92%	0.22%
31	15a	0.061	0.061	0.00	0.05%	0.01%
31	16a	0.061	0.060	0.00	-0.31%	0.07%
31	17a	0.061	0.061	0.00	-0.06%	0.01%
31	18a	0.061	0.061	0.00	-0.26%	0.06%
31	19a	0.061	0.061	0.00	0.10%	0.02%
31	20a	0.061	0.061	0.00	-0.05%	0.01%
50	21	0.061	0.061	0.00	-0.62%	0.15%
50	22	0.061	0.061	0.00	-0.92%	0.22%
50	23	0.061	0.061	0.00	-0.68%	0.16%
50	24	0.061	0.061	0.00	-0.06%	0.01%
50	25	0.061	0.061	0.00	-0.26%	0.06%
	Max	0.061	0.062	0.00	0.82%	0.24%
	Average	0.061	0.061	0.00	-0.10%	0.11%
	Min	0.061	0.060	0.00	-0.97%	0.01%
	Std Dev	0.000	0.000	0.00	0.55%	0.08%

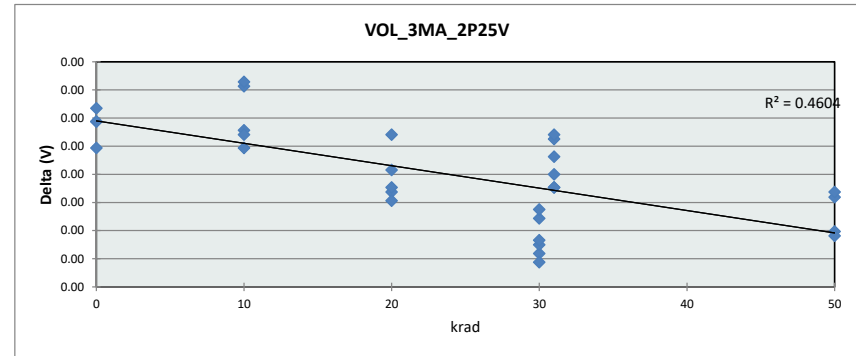


		VOL_2MA_1P65V					
		Units		V			
		Max Limit		0.25			
		Min Limit		-0.001			
krad		0	10	20	30	31	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.061	0.061	0.061	0.060	0.060	0.061
Average		0.061	0.061	0.061	0.061	0.061	0.061
Max		0.061	0.062	0.061	0.061	0.061	0.061
UL		0.250	0.250	0.250	0.250	0.250	0.250

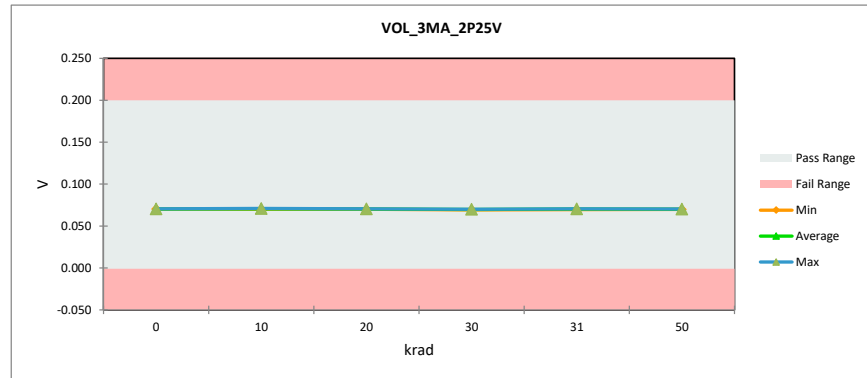


TID Report SN54SC8T573-SEP

		VOL_3MA_2P25V				
		Units		V		
		Max Limit		0.2		
		Min Limit		-0.001		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.070	0.071	0.00	0.67%	0.23%
0	2	0.070	0.071	0.00	0.53%	0.19%
0	3	0.070	0.070	0.00	0.27%	0.09%
0	4	0.070	0.070	0.00	0.54%	0.19%
10	5	0.070	0.070	0.00	0.90%	0.31%
10	6	0.070	0.070	0.00	0.45%	0.16%
10	7	0.070	0.070	0.00	0.27%	0.09%
10	8	0.070	0.071	0.00	0.93%	0.33%
10	9	0.070	0.070	0.00	0.40%	0.14%
20	10	0.070	0.070	0.00	-0.18%	0.06%
20	11	0.070	0.070	0.00	-0.13%	0.05%
20	12	0.070	0.071	0.00	0.40%	0.14%
20	13	0.070	0.070	0.00	0.04%	0.02%
20	14	0.070	0.070	0.00	-0.27%	0.09%
30	15	0.070	0.070	0.00	-0.80%	0.28%
30	16	0.070	0.069	0.00	-0.72%	0.25%
30	17	0.070	0.070	0.00	-0.44%	0.16%
30	18	0.070	0.070	0.00	-0.89%	0.31%
30	19	0.070	0.070	0.00	-0.67%	0.23%
30	20	0.070	0.070	0.00	-0.36%	0.12%
31	15a	0.070	0.070	0.00	0.00%	0.00%
31	16a	0.070	0.070	0.00	-0.13%	0.05%
31	17a	0.070	0.071	0.00	0.36%	0.12%
31	18a	0.070	0.071	0.00	0.18%	0.06%
31	19a	0.070	0.070	0.00	-0.13%	0.05%
31	20a	0.070	0.070	0.00	0.40%	0.14%
50	21	0.070	0.070	0.00	-0.58%	0.20%
50	22	0.070	0.070	0.00	-0.62%	0.22%
50	23	0.070	0.070	0.00	-0.23%	0.08%
50	24	0.070	0.070	0.00	-0.18%	0.06%
50	25	0.070	0.070	0.00	-0.13%	0.05%
Max		0.070	0.071	0.00	0.93%	0.33%
Average		0.070	0.070	0.00	0.00%	0.15%
Min		0.070	0.069	0.00	-0.89%	0.00%
Std Dev		0.000	0.000	0.00	0.50%	0.09%



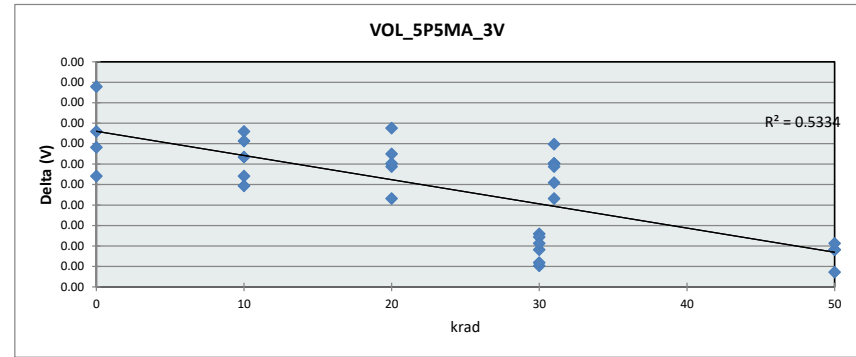
		VOL_3MA_2P25V				
		Units		V		
		Max Limit		0.2		
		Min Limit		-0.001		
krad		0	10	20	30	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.070	0.070	0.070	0.069	0.070
Average		0.070	0.071	0.070	0.070	0.070
Max		0.071	0.071	0.071	0.070	0.071
UL		0.200	0.200	0.200	0.200	0.200



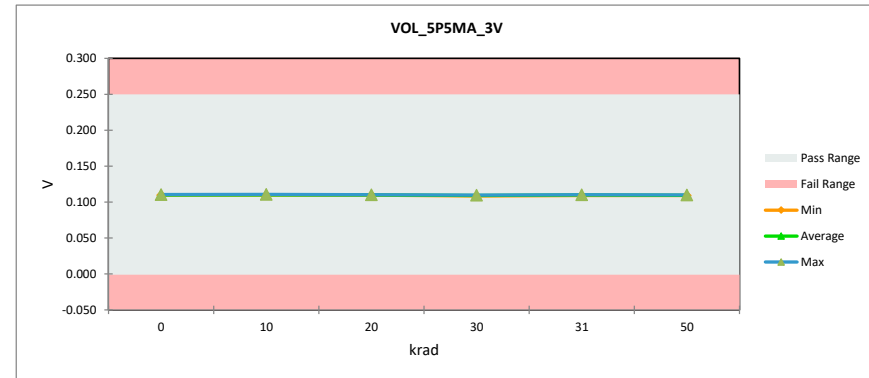
TID Report

SN54SC8T573-SEP

VOL_5P5MA_3V						
Units		V				
Max Limit		0.25				
Min Limit		-0.001				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.109	0.111	0.00	1.06%	0.46%
0	2	0.109	0.110	0.00	0.51%	0.22%
0	3	0.109	0.110	0.00	0.26%	0.11%
0	4	0.109	0.110	0.00	0.66%	0.29%
10	5	0.109	0.110	0.00	0.43%	0.19%
10	6	0.109	0.110	0.00	0.66%	0.29%
10	7	0.110	0.110	0.00	0.26%	0.11%
10	8	0.110	0.111	0.00	0.57%	0.25%
10	9	0.110	0.110	0.00	0.17%	0.07%
20	10	0.110	0.110	0.00	0.06%	0.02%
20	11	0.109	0.110	0.00	0.46%	0.20%
20	12	0.110	0.110	0.00	0.68%	0.30%
20	13	0.110	0.110	0.00	0.34%	0.15%
20	14	0.110	0.110	0.00	0.37%	0.16%
30	15	0.110	0.109	0.00	-0.26%	0.11%
30	16	0.109	0.108	0.00	-0.40%	0.17%
30	17	0.110	0.110	0.00	-0.28%	0.12%
30	18	0.110	0.109	0.00	-0.54%	0.24%
30	19	0.110	0.109	0.00	-0.51%	0.22%
30	20	0.110	0.109	0.00	-0.34%	0.15%
31	15a	0.110	0.110	0.00	0.37%	0.16%
31	16a	0.109	0.109	0.00	0.20%	0.09%
31	17a	0.110	0.110	0.00	0.06%	0.02%
31	18a	0.110	0.110	0.00	0.37%	0.16%
31	19a	0.110	0.110	0.00	0.34%	0.15%
31	20a	0.110	0.110	0.00	0.54%	0.24%
50	21	0.110	0.109	0.00	-0.60%	0.26%
50	22	0.109	0.109	0.00	-0.40%	0.17%
50	23	0.110	0.109	0.00	-0.40%	0.17%
50	24	0.110	0.109	0.00	-0.34%	0.15%
50	25	0.110	0.110	0.00	-0.03%	0.01%
Max		0.110	0.111	0.00	1.06%	0.46%
Average		0.110	0.110	0.00	0.14%	0.18%
Min		0.109	0.108	0.00	-0.60%	0.02%
Std Dev		0.000	0.001	0.00	0.45%	0.09%

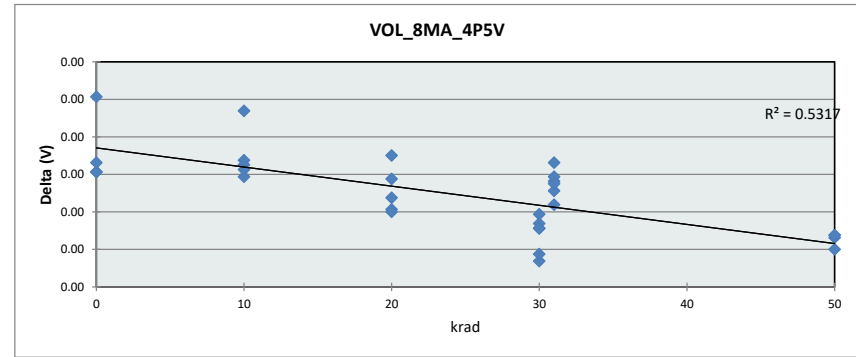


VOL_5P5MA_3V						
Units		V				
Max Limit		0.25				
Min Limit		-0.001				
krad	0	10	20	30	31	50
LL	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min	0.110	0.110	0.110	0.108	0.109	0.109
Average	0.110	0.110	0.110	0.109	0.110	0.109
Max	0.111	0.111	0.110	0.110	0.110	0.110
UL	0.250	0.250	0.250	0.250	0.250	0.250

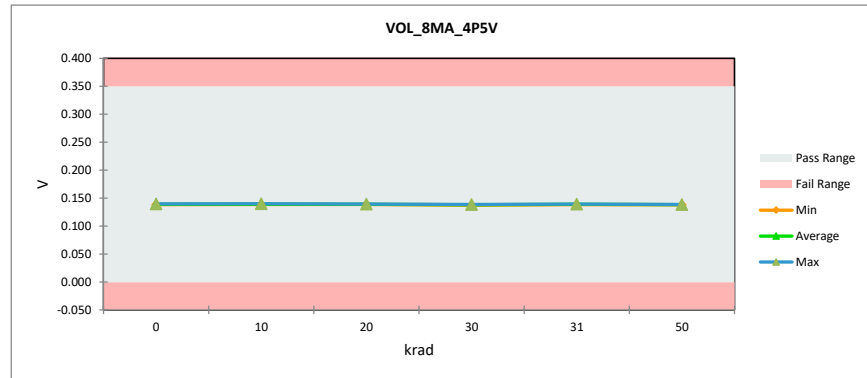


TID Report SN54SC8T573-SEP

		VOL_8MA_4P5V				
		Units		V		
		Max Limit		0.35		
		Min Limit		-0.001		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.138	0.140	0.00	1.11%	0.44%
0	2	0.138	0.139	0.00	0.38%	0.15%
0	3	0.138	0.138	0.00	0.39%	0.15%
0	4	0.138	0.139	0.00	0.48%	0.19%
10	5	0.138	0.139	0.00	0.34%	0.13%
10	6	0.138	0.139	0.00	0.50%	0.20%
10	7	0.138	0.139	0.00	0.45%	0.18%
10	8	0.139	0.140	0.00	0.97%	0.38%
10	9	0.139	0.139	0.00	0.41%	0.16%
20	10	0.139	0.139	0.00	0.02%	0.01%
20	11	0.139	0.139	0.00	0.00%	0.00%
20	12	0.139	0.139	0.00	0.54%	0.21%
20	13	0.139	0.139	0.00	0.14%	0.05%
20	14	0.139	0.139	0.00	0.32%	0.12%
30	15	0.138	0.138	0.00	-0.02%	0.01%
30	16	0.137	0.137	0.00	-0.16%	0.06%
30	17	0.139	0.139	0.00	-0.11%	0.04%
30	18	0.139	0.138	0.00	-0.16%	0.06%
30	19	0.139	0.138	0.00	-0.47%	0.19%
30	20	0.139	0.138	0.00	-0.41%	0.16%
31	15a	0.138	0.139	0.00	0.29%	0.12%
31	16a	0.137	0.138	0.00	0.48%	0.19%
31	17a	0.139	0.139	0.00	0.07%	0.03%
31	18a	0.139	0.139	0.00	0.34%	0.13%
31	19a	0.139	0.139	0.00	0.20%	0.08%
31	20a	0.139	0.139	0.00	0.27%	0.11%
50	21	0.138	0.138	0.00	-0.23%	0.09%
50	22	0.138	0.138	0.00	-0.25%	0.10%
50	23	0.139	0.138	0.00	-0.36%	0.14%
50	24	0.138	0.138	0.00	-0.23%	0.09%
50	25	0.139	0.139	0.00	-0.07%	0.03%
Max		0.139	0.140	0.00	1.11%	0.44%
Average		0.138	0.139	0.00	0.18%	0.13%
Min		0.137	0.137	0.00	-0.47%	0.00%
Std Dev		0.000	0.001	0.00	0.38%	0.10%

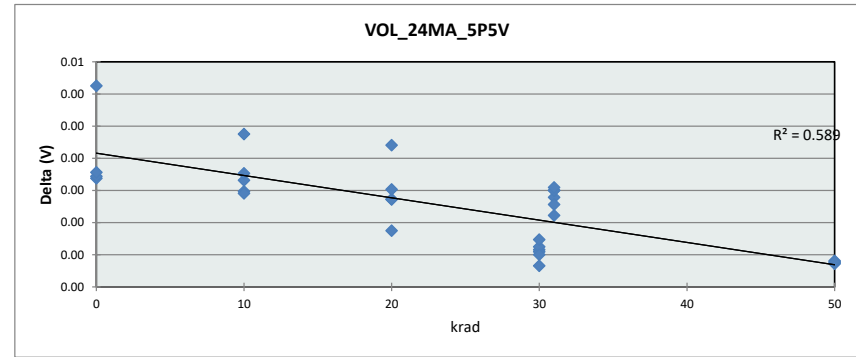


		VOL_8MA_4P5V					
		Units		V			
		Max Limit		0.35			
		Min Limit		-0.001			
krad		0	10	20	30	31	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.138	0.139	0.139	0.137	0.138	0.138
Average		0.139	0.139	0.139	0.138	0.139	0.138
Max		0.140	0.140	0.139	0.139	0.139	0.139
UL		0.350	0.350	0.350	0.350	0.350	0.350

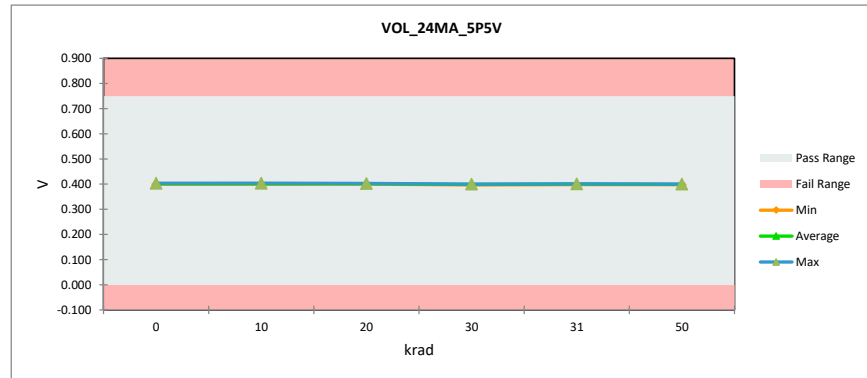


TID Report SN54SC8T573-SEP

VOL_24MA_5P5V						
Units	V					
Max Limit	0.75					
Min Limit	-0.001					
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.399	0.403	0.00	1.07%	0.57%
0	2	0.399	0.400	0.00	0.34%	0.18%
0	3	0.398	0.400	0.00	0.36%	0.19%
0	4	0.399	0.400	0.00	0.39%	0.21%
10	5	0.399	0.400	0.00	0.24%	0.13%
10	6	0.399	0.401	0.00	0.33%	0.17%
10	7	0.399	0.401	0.00	0.38%	0.20%
10	8	0.401	0.404	0.00	0.69%	0.37%
10	9	0.400	0.401	0.00	0.23%	0.12%
20	10	0.400	0.400	0.00	-0.06%	0.03%
20	11	0.400	0.400	0.00	0.18%	0.10%
20	12	0.400	0.402	0.00	0.60%	0.32%
20	13	0.400	0.401	0.00	0.18%	0.10%
20	14	0.401	0.402	0.00	0.26%	0.14%
30	15	0.400	0.399	0.00	-0.21%	0.11%
30	16	0.398	0.397	0.00	-0.23%	0.12%
30	17	0.401	0.400	0.00	-0.19%	0.10%
30	18	0.400	0.399	0.00	-0.34%	0.18%
30	19	0.400	0.399	0.00	-0.25%	0.13%
30	20	0.400	0.399	0.00	-0.13%	0.07%
31	15a	0.400	0.401	0.00	0.20%	0.10%
31	16a	0.398	0.398	0.00	0.14%	0.07%
31	17a	0.401	0.401	0.00	0.05%	0.03%
31	18a	0.400	0.401	0.00	0.25%	0.13%
31	19a	0.400	0.401	0.00	0.25%	0.13%
31	20a	0.400	0.401	0.00	0.27%	0.15%
50	21	0.400	0.398	0.00	-0.30%	0.16%
50	22	0.400	0.398	0.00	-0.31%	0.17%
50	23	0.400	0.399	0.00	-0.32%	0.17%
50	24	0.400	0.399	0.00	-0.30%	0.16%
50	25	0.401	0.401	0.00	-0.02%	0.01%
	Max	0.401	0.404	0.00	1.07%	0.57%
	Average	0.400	0.400	0.00	0.13%	0.16%
	Min	0.398	0.397	0.00	-0.34%	0.03%
	Std Dev	0.001	0.002	0.00	0.34%	0.10%



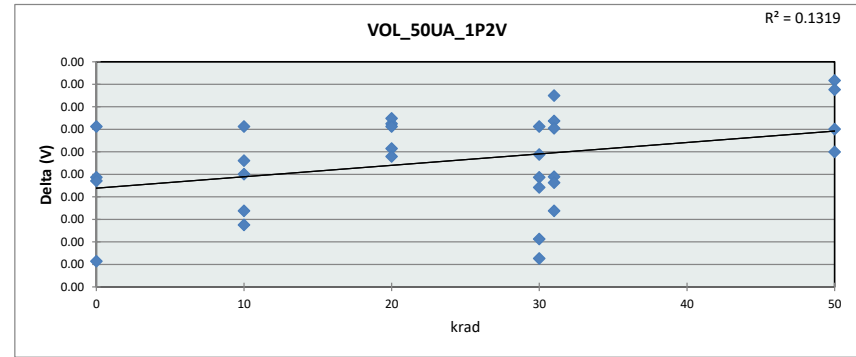
VOL_24MA_5P5V						
Units	V					
Max Limit	0.75					
Min Limit	-0.001					
krad	0	10	20	30	31	50
LL	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min	0.400	0.400	0.400	0.397	0.398	0.398
Average	0.401	0.401	0.401	0.399	0.401	0.399
Max	0.403	0.404	0.402	0.400	0.401	0.401
UL	0.750	0.750	0.750	0.750	0.750	0.750



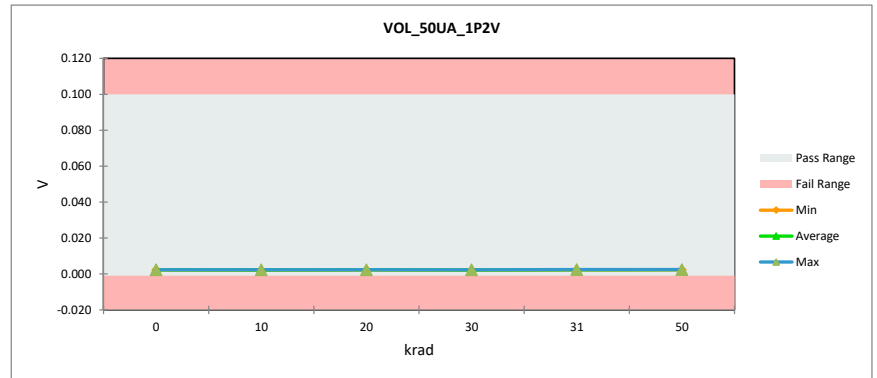
TID Report

SN54SC8T573-SEP

		VOL_50UA_1P2V				
		Units		V		
		Max Limit		0.1		
		Min Limit		-0.001		
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.002	0.002	0.00	-5.93%	0.14%
0	2	0.002	0.002	0.00	7.08%	0.15%
0	3	0.002	0.002	0.00	1.96%	0.04%
0	4	0.002	0.002	0.00	1.50%	0.04%
10	5	0.002	0.002	0.00	2.21%	0.05%
10	6	0.002	0.002	0.00	-1.42%	0.03%
10	7	0.002	0.002	0.00	-2.68%	0.06%
10	8	0.002	0.002	0.00	3.60%	0.08%
10	9	0.002	0.002	0.00	7.29%	0.15%
20	10	0.002	0.002	0.00	7.25%	0.16%
20	11	0.002	0.002	0.00	5.03%	0.11%
20	12	0.002	0.002	0.00	8.25%	0.17%
20	13	0.002	0.002	0.00	7.40%	0.15%
20	14	0.002	0.002	0.00	4.07%	0.09%
30	15	0.002	0.002	0.00	7.40%	0.15%
30	16	0.002	0.002	0.00	-6.00%	0.14%
30	17	0.002	0.002	0.00	4.25%	0.09%
30	18	0.002	0.002	0.00	1.93%	0.04%
30	19	0.002	0.002	0.00	0.94%	0.02%
30	20	0.002	0.002	0.00	-4.08%	0.09%
31	15a	0.002	0.002	0.00	10.64%	0.22%
31	16a	0.002	0.002	0.00	1.95%	0.04%
31	17a	0.002	0.002	0.00	1.42%	0.03%
31	18a	0.002	0.002	0.00	7.50%	0.17%
31	19a	0.002	0.002	0.00	6.80%	0.15%
31	20a	0.002	0.002	0.00	-1.36%	0.03%
50	21	0.002	0.002	0.00	11.71%	0.26%
50	22	0.002	0.002	0.00	6.70%	0.15%
50	23	0.002	0.002	0.00	4.46%	0.10%
50	24	0.002	0.002	0.00	10.86%	0.24%
50	25	0.002	0.002	0.00	1.37%	0.03%
Max		0.002	0.002	0.00	11.71%	0.26%
Average		0.002	0.002	0.00	3.69%	0.11%
Min		0.002	0.002	0.00	-6.00%	0.02%
Std Dev		0.000	0.000	0.00	4.75%	0.07%



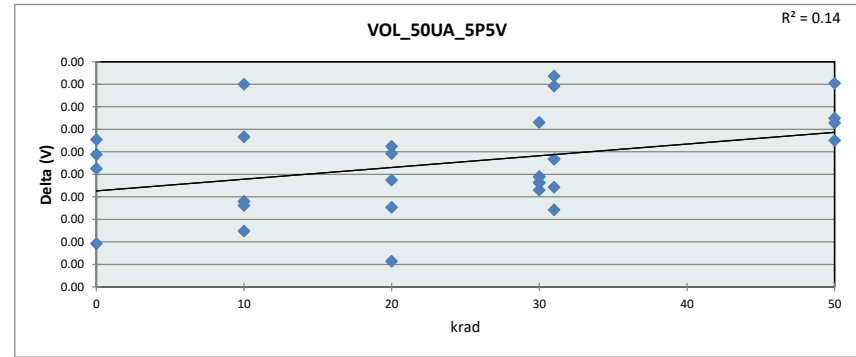
		VOL_50UA_1P2V					
		Units		V			
		Max Limit		0.1			
		Min Limit		-0.001			
krad		0	10	20	30	31	50
LL		-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
Min		0.002	0.002	0.002	0.002	0.002	0.002
Average		0.002	0.002	0.002	0.002	0.002	0.002
Max		0.002	0.002	0.002	0.002	0.002	0.002
UL		0.100	0.100	0.100	0.100	0.100	0.100



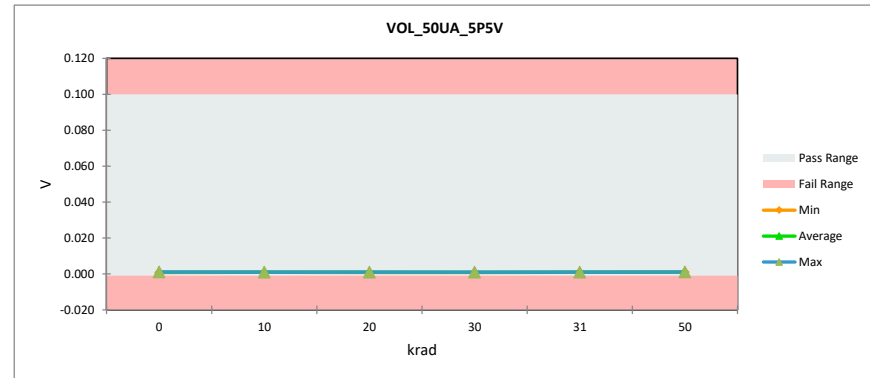
TID Report

SN54SC8T573-SEP

VOL_50UA_5P5V						
Units		V				
Max Limit		0.1				
Min Limit		-0.001				
krad	Serial #	PreTestHDR	PostTestHDR	Delta	Delta %	% of Limit Range
0	1	0.001	0.001	0.00	13.23%	0.13%
0	2	0.001	0.001	0.00	6.29%	0.06%
0	3	0.001	0.001	0.00	12.21%	0.09%
0	4	0.001	0.001	0.00	-10.32%	0.10%
10	5	0.001	0.001	0.00	14.89%	0.13%
10	6	0.001	0.001	0.00	30.10%	0.25%
10	7	0.001	0.001	0.00	-7.03%	0.08%
10	8	0.001	0.001	0.00	-1.87%	0.02%
10	9	0.001	0.001	0.00	-1.02%	0.01%
20	10	0.001	0.001	0.00	3.75%	0.04%
20	11	0.001	0.001	0.00	12.27%	0.11%
20	12	0.001	0.001	0.00	-14.22%	0.14%
20	13	0.001	0.001	0.00	10.32%	0.10%
20	14	0.001	0.001	0.00	-2.44%	0.02%
30	15	0.001	0.001	0.00	1.57%	0.01%
30	16	0.001	0.001	0.00	5.08%	0.04%
30	17	0.001	0.001	0.00	3.91%	0.03%
30	18	0.001	0.001	0.00	4.07%	0.03%
30	19	0.001	0.001	0.00	4.91%	0.04%
30	20	0.001	0.001	0.00	18.82%	0.16%
31	15a	0.001	0.001	0.00	-3.03%	0.03%
31	16a	0.001	0.001	0.00	9.54%	0.08%
31	17a	0.001	0.001	0.00	30.76%	0.24%
31	18a	0.001	0.001	0.00	34.88%	0.27%
31	19a	0.001	0.001	0.00	2.34%	0.02%
31	20a	0.001	0.001	0.00	9.54%	0.08%
50	21	0.001	0.001	0.00	14.21%	0.12%
50	22	0.001	0.001	0.00	19.11%	0.17%
50	23	0.001	0.001	0.00	18.39%	0.16%
50	24	0.001	0.001	0.00	31.33%	0.25%
50	25	0.001	0.001	0.00	3.87%	0.04%
Max		0.001	0.001	0.00	34.88%	0.27%
Average		0.001	0.001	0.00	9.05%	0.10%
Min		0.001	0.001	0.00	-14.22%	0.01%
Std Dev		0.000	0.000	0.00	12.26%	0.08%



VOL_50UA_5P5V						
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	0.001	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	0.100	0.100	0.100	0.100	0.100	0.100



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