



Abstract

This report covers the radiation characterization results of the LMX2624-SP, a high performance wideband phase-locked loop (PLL) with integrated voltage controlled oscillator (VCO). The study was done to determine Total Ionizing Dose (TID) effects under high dose rate (HDR) up to 150krad(Si) as a one time characterization. Low dose rate (LDR) and enhanced low dose rate sensitivity (ELDRS) characterization was performed during the process qualification of BICMOS technology using SMD: 5962R1723601VXC (LMX2615-SP) as qualification driver. During the process qualification, it was proven that this process was free of any ELDRS sensitivity. LMX2624-SP uses the same process level components as SMD: 5962R1723601VXC (LMX2615-SP) and LMX2624-SP is considered to be ELDRS-free.

Radiation Lot Acceptance Testing (RLAT) will be performed using 5 units at a dose level of 100krad(Si) for future wafer lots per MIL-STD-883 TM 1019. All future wafer lots will be tested under the same conditions. HDR TID response is the worst case. TID HDR characterization was performed per TM 1019.

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	5
3 TID Characterization Test Results	6
3.1 TID Characterization Summary Results	6
4 Reference Documents	7
Appendix A: HDR TID Report Data	8

List of Figures

Figure 2-1. LMX2624-SP Bias Diagram and Schematic	3
Figure 2-2. LMX2624-SP Jumper Options	4

List of Tables

Table 1-1. Device and Exposure Details	2
Table 2-1. LMX2624-SP Jumper Connections	4
Table 2-2. HDR Biased Device Information	5

Trademarks

All trademarks are the property of their respective owners.

1 Device Information

The LMX2624-SP is high performance wideband phase-locked loop (PLL) with integrated voltage controlled oscillator (VCO). The device is capable of outputting any frequency from 5MHz to 30GHz. The VCO on this device covers an entire octave resulting in complete frequency coverage down to 5MHz. The high performance PLL used in LMX2624-SP has a figure of merit of -236dBc/Hz and high phase detector frequency which can attain very low in-band noise and integrated jitter.

LMX2624-SP allows users to synchronize the output of multiple instances of the device. This synchronization means that the deterministic phase is obtainable from a device in use cases including the one with fractional engine or output divider enabled. This device also adds support for either generating or repeating SYSREF (compliant to JESD204B/C standard), making the device designed for low-noise clock source for high-speed data converters.

1.1 Device Details

[Table 1-1](#) lists the LMX624-SP device information used for TID HDR characterization and qualification.

Table 1-1. Device and Exposure Details

TID HDR and MAAT Details: Up To 150 krad(Si)	
TI Device Number	LMX2624-SP
VID/SMD Number	5962R2321001PXE
Package	64 PAP - HTQFP
Technology	BICMOS
Die Lot Number	5175070
A/T Lot Number	6022222
Lot Trace Code	61AKTSW
Quantity Tested	30 irradiated devices + 5 control devices
Lot Accept or Reject	Devices passed 100krad(Si)
HDR Radiation Facility	Texas Instruments CLAB in Dallas, Texas
HDR Dose Level	Up to 150krad(Si)
HDR Dose Rate	148.54rad(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 LMX2624-SP samples were irradiated at a high dose rate of 149.54rad(Si)/s up to 150krad(Si) 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 LMX2624-SP 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 149.54rad(Si)/s. After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and full post radiation electrical evaluation using Texas Instruments ATE was conducted. ATE test limits are set per datasheet 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 and schematic for each pin during irradiation. Figure 2-2 shows the options for the jumpers connected to the board. Table 2-1 shows the jumper configurations used for HDR testing.

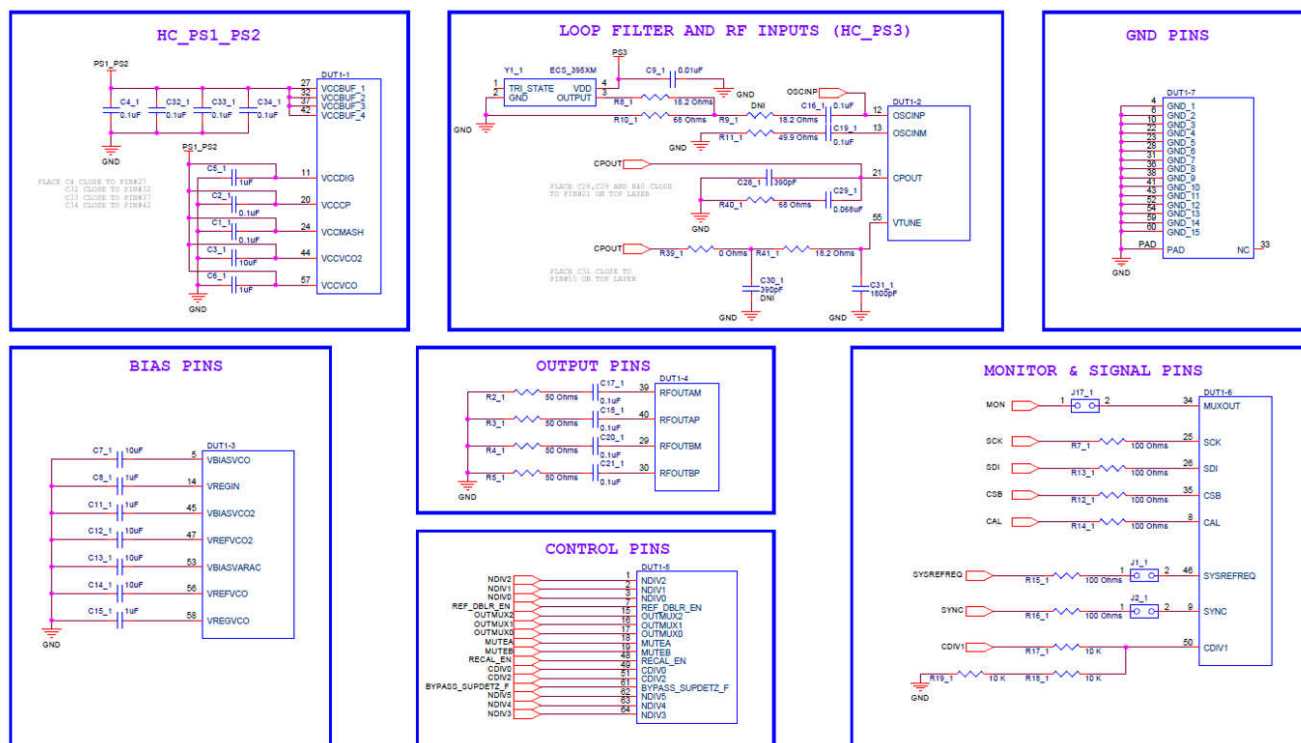


Figure 2-1. LMX2624-SP Bias Diagram and Schematic

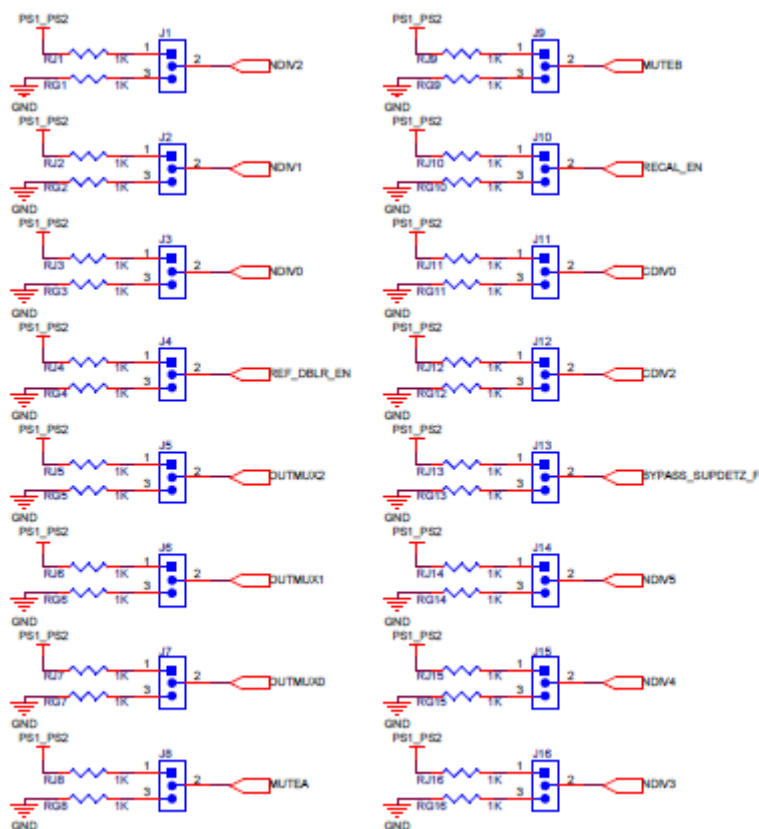


Figure 2-2. LMX2624-SP Jumper Options

Table 2-1. LMX2624-SP Jumper Connections

LMX2624-SP TID Board Jumper Configurations		
GND - Low	Jumper	VDD - High
Jumper Connected	J8	
	J7	Jumper Connected
	J5	Jumper Connected
	J6	Jumper Connected
	J10	Jumper Connected
Jumper Connected	J11	
Jumper Connected	J9	
Jumper Connected	J15	
Jumper Connected	J12	
Jumper Connected	J16	
	J13	Jumper Connected
Jumper Connected	J14	
	J4	Jumper Connected
Jumper Connected	J1	
	J3	Jumper Connected
Jumper Connected	J2	

2.4 Test Configuration and Condition

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 will be irradiated to 100 krad(Si) and parametrically tested on ATE.

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

Table 2-2. HDR Biased Device Information

Control Group	HDR Dose Rate = 149.54rad(Si)/s					
Total Samples: 5	Total Exposed Samples: 35					
	Exposure Levels					
0krad (Si)	5krad(Si)	10krad(Si)	30krad(Si)	50krad(Si)	100krad(Si)	150krad(Si)
31–35	1–5	6–10	11–15	16–20	21–25	26–30

3 TID Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the LMX2624-SP passes up to 100krad(Si) HDR TID irradiation. The drifts of the electrical parameters through HDR were within the datasheet limits.

Overall, the LMX2624-SP showed a strong degree of hardness to HDR TID irradiation up to 150krad(Si). The measurements taken post-irradiation for each sample set showed a marginal shift for most parameters at the TID specification level of the device. The parameters that did show a degree of change between pre- and post-irradiation were still within the electrical performance characteristics specified in the data sheet electrical parameters. For the datasheet electrical parameters and associated tests, see the [LMX2624-SP datasheet](#).

See [Appendix A](#) for HDR report up to 150krad(Si).

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.

Appendix A: HDR TID Report Data

This appendix provides the LMX2624-SP TID HDR report. The report shows the variation for each parameter up to 150 krad(Si).

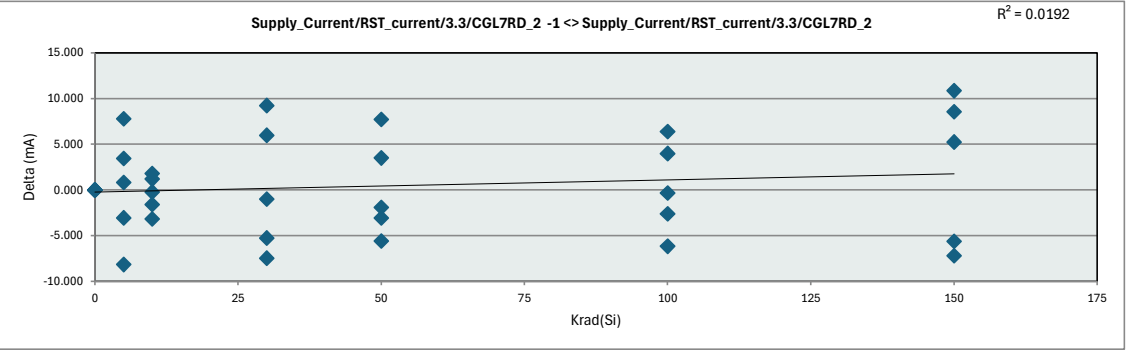
Delta Threshold 10.00%

TID Report
5962R2321001PXE

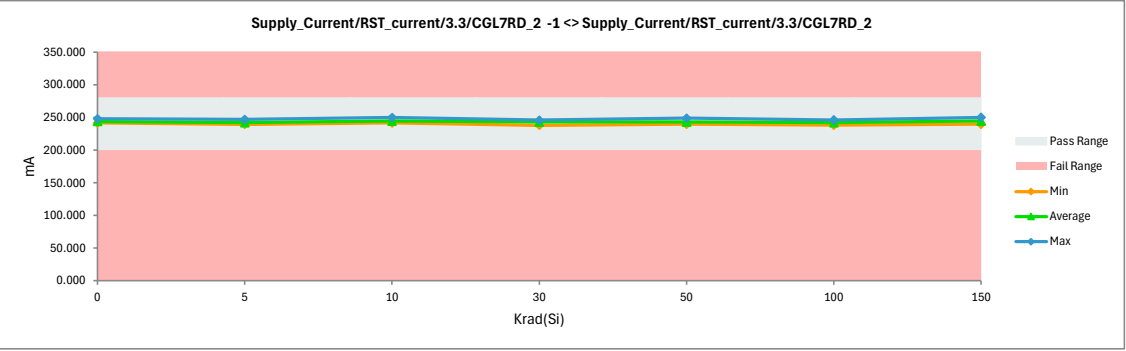
TID Report
5962R2321001PXE

		Supply_Current/RST_current/3.3				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		mA	mA			
Max Limit		280.0000012	280.0000012			
Min Limit		200.000003	200.000003			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	238.866	247.031	-8.165	-3.42%	10.21%
5	2	247.099	239.306	7.793	3.15%	9.74%
5	3	243.613	240.175	3.438	1.41%	4.30%
5	4	240.102	243.158	-3.056	-1.27%	3.82%
5	5	241.321	240.512	0.809	0.34%	1.01%
10	6	249.616	249.840	-0.223	-0.09%	0.28%
10	7	241.233	244.400	-3.167	-1.31%	3.96%
10	8	243.576	245.173	-1.596	-0.66%	2.00%
10	9	243.653	242.454	1.199	0.49%	1.50%
10	10	243.186	241.379	1.807	0.74%	2.26%
30	11	239.684	244.932	-5.249	-2.19%	6.56%
30	12	244.881	245.883	-1.002	-0.41%	1.25%
30	13	247.044	237.798	9.246	3.74%	11.56%
30	14	238.463	245.928	-7.465	-3.13%	9.33%
30	15	246.070	240.087	5.982	2.43%	7.48%
50	16	239.276	242.353	-3.077	-1.29%	3.85%
50	17	247.990	240.272	7.718	3.11%	9.65%
50	18	241.312	243.237	-1.925	-0.80%	2.41%
50	19	243.087	239.579	3.508	1.44%	4.39%
50	20	243.209	248.795	-5.585	-2.30%	6.98%
100	21	243.456	246.074	-2.618	-1.08%	3.27%
100	22	239.008	245.164	-6.156	-2.58%	7.70%
100	23	238.137	238.480	-0.343	-0.14%	0.43%
100	24	244.413	238.038	6.375	2.61%	7.97%
100	25	246.844	242.855	3.989	1.62%	4.99%
150	26	244.748	239.495	5.253	2.15%	6.57%
150	27	251.601	243.038	8.564	3.40%	10.70%
150	28	244.587	250.200	-5.613	-2.30%	7.02%
150	29	242.138	249.327	-7.188	-2.97%	8.99%
150	30	251.483	240.632	10.851	4.31%	13.56%
0	31	242.239	242.239	0.000	0.00%	0.00%
0	32	244.941	244.941	0.000	0.00%	0.00%
0	33	241.608	241.608	0.000	0.00%	0.00%
0	34	247.823	247.823	0.000	0.00%	0.00%
0	35	241.982	241.982	0.000	0.00%	0.00%
	Max	251.601	250.200	10.851	4.31%	13.56%
	Average	243.665	243.262	0.403	0.14%	4.96%
	Min	238.137	237.798	-8.165	-3.42%	0.00%
	Std Dev	3.513	3.460	5.105	2.08%	3.95%

TID Report



	Supply_Current/RST_current/3.3						
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	280.0000012	mA					
Min Limit	200.000003	mA					
Krad(Si)	0	5	10	30	50	100	150
LL	200.000	200.000	200.000	200.000	200.000	200.000	200.000
Min	241.608	239.306	241.379	237.798	239.579	238.038	239.495
Average	243.719	242.036	244.649	242.926	242.847	242.122	244.538
Max	247.823	247.031	249.840	245.928	248.795	246.074	250.200
UL	280.000	280.000	280.000	280.000	280.000	280.000	280.000

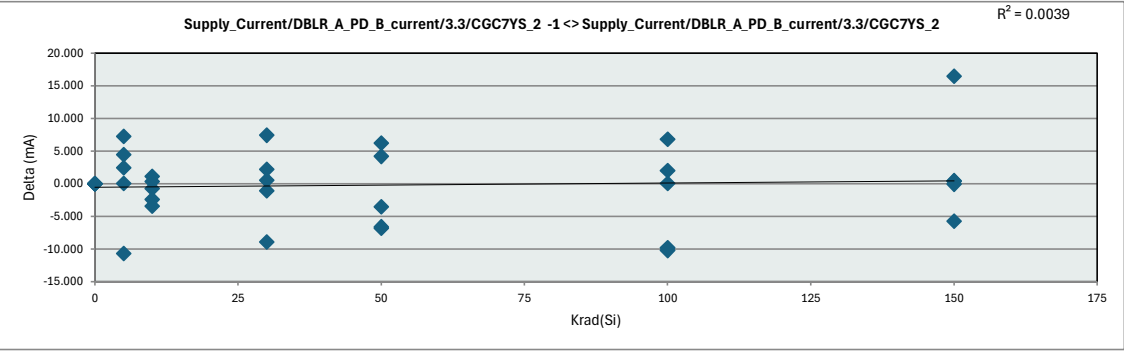


TID Report
5962R2321001PXE

		Supply_Current/DBLR_A_PD_B	
Test Site		CLAB	CLAB
Tester		UFLEX+02	UFLEX+02
Test Number		PF365800	PF365800
Unit		mA	mA
Max Limit		750	750
Min Limit		449.9999881	449.9999881

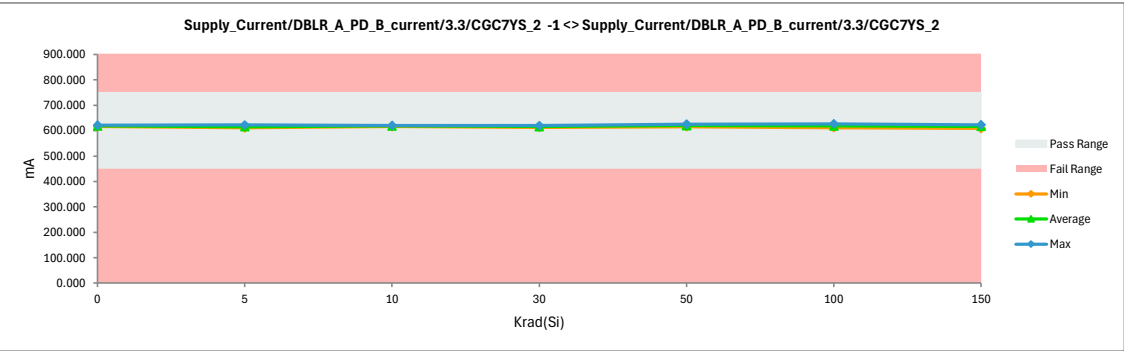
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	611.076	621.768	-10.692	-1.75%	3.56%
5	2	622.073	614.823	7.250	1.17%	2.42%
5	3	617.052	612.595	4.457	0.72%	1.49%
5	4	616.061	616.001	0.060	0.01%	0.02%
5	5	613.239	610.767	2.472	0.40%	0.82%
10	6	617.715	620.140	-2.425	-0.39%	0.81%
10	7	618.427	618.082	0.345	0.06%	0.12%
10	8	617.767	618.500	-0.734	-0.12%	0.24%
10	9	617.421	616.299	1.122	0.18%	0.37%
10	10	616.891	620.312	-3.420	-0.55%	1.14%
30	11	620.670	620.112	0.558	0.09%	0.19%
30	12	620.131	612.711	7.420	1.20%	2.47%
30	13	614.542	615.599	-1.058	-0.17%	0.35%
30	14	616.022	613.816	2.206	0.36%	0.74%
30	15	611.136	620.065	-8.929	-1.46%	2.98%
50	16	613.314	616.868	-3.553	-0.58%	1.18%
50	17	622.135	617.938	4.197	0.67%	1.40%
50	18	618.520	625.109	-6.590	-1.07%	2.20%
50	19	621.779	615.561	6.218	1.00%	2.07%
50	20	615.769	622.588	-6.819	-1.11%	2.27%
100	21	616.981	626.792	-9.810	-1.59%	3.27%
100	22	616.947	614.919	2.028	0.33%	0.68%
100	23	608.094	618.314	-10.220	-1.68%	3.41%
100	24	611.696	611.636	0.060	0.01%	0.02%
100	25	628.006	621.181	6.826	1.09%	2.28%
150	26	609.525	615.284	-5.759	-0.94%	1.92%
150	27	625.345	608.890	16.456	2.63%	5.49%
150	28	623.148	623.228	-0.079	-0.01%	0.03%
150	29	618.932	618.558	0.373	0.06%	0.12%
150	30	619.702	619.230	0.472	0.08%	0.16%
0	31	616.960	616.960	0.000	0.00%	0.00%
0	32	616.104	616.104	0.000	0.00%	0.00%
0	33	620.318	620.318	0.000	0.00%	0.00%
0	34	621.500	621.500	0.000	0.00%	0.00%
0	35	618.419	618.419	0.000	0.00%	0.00%
Max		628.006	626.792	16.456	2.63%	5.49%
Average		617.526	617.742	-0.216	-0.04%	1.26%
Min		608.094	608.890	-10.692	-1.75%	0.00%
Std Dev		4.331	3.981	5.600	0.91%	1.36%

TID Report



		Supply_Current/DBLR_A_PD_B	
Test Site		CLAB	
Tester		UFLEX+02	
Test Number		PF365800	
Max Limit		750	mA
Min Limit		449.9999881	mA

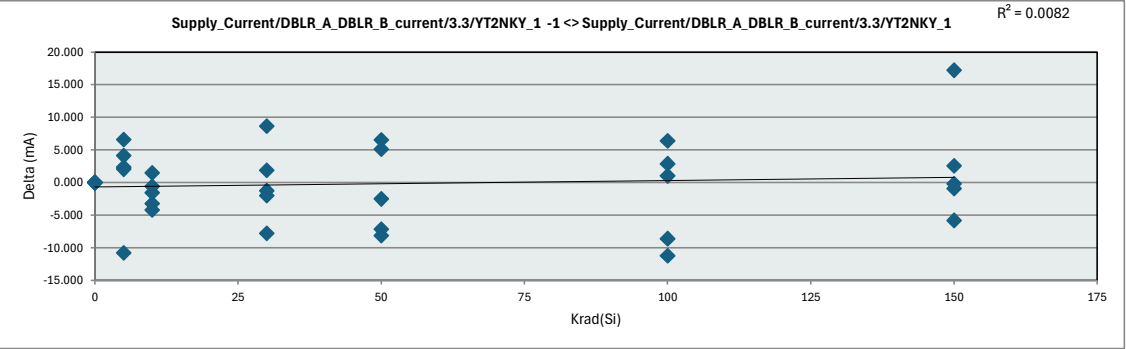
Krad(Si)	0	5	10	30	50	100	150
LL	450.000	450.000	450.000	450.000	450.000	450.000	450.000
Min	616.104	610.767	616.299	612.711	615.561	611.636	608.890
Average	618.660	615.191	618.667	616.461	619.613	618.568	617.038
Max	621.500	621.768	620.311	620.112	625.109	626.792	623.228
UL	750.000	750.000	750.000	750.000	750.000	750.000	750.000



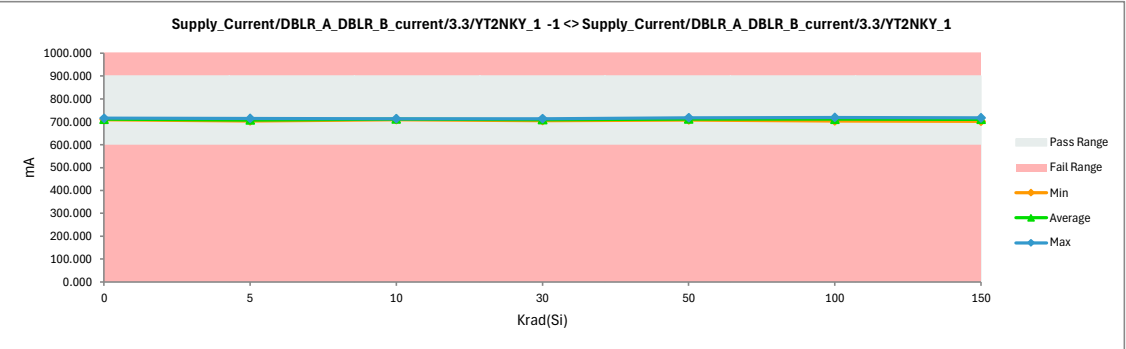
TID Report
5962R2321001PXE

Supply_Current/DBLR_A_DBLR						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	mA		mA			
Max Limit	899.9999762		899.9999762			
Min Limit	600.0000238		600.0000238			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	703.874	714.656	-10.782	-1.53%	3.59%
5	2	714.553	707.968	6.585	0.92%	2.20%
5	3	708.268	704.140	4.128	0.58%	1.38%
5	4	709.762	707.704	2.058	0.29%	0.69%
5	5	706.007	703.614	2.393	0.34%	0.80%
10	6	710.494	713.697	-3.204	-0.45%	1.07%
10	7	711.695	710.185	1.511	0.21%	0.50%
10	8	710.210	711.783	-1.573	-0.22%	0.52%
10	9	709.137	709.723	-0.586	-0.08%	0.20%
10	10	709.403	713.624	-4.221	-0.59%	1.41%
30	11	711.549	713.545	-1.996	-0.28%	0.67%
30	12	714.081	705.423	8.658	1.21%	2.89%
30	13	707.043	708.294	-1.251	-0.18%	0.42%
30	14	708.637	706.747	1.890	0.27%	0.63%
30	15	703.923	711.695	-7.772	-1.10%	2.59%
50	16	705.621	708.129	-2.508	-0.36%	0.84%
50	17	715.852	710.734	5.118	0.71%	1.71%
50	18	710.609	717.753	-7.143	-1.01%	2.38%
50	19	714.637	708.114	6.523	0.91%	2.17%
50	20	707.112	715.234	-8.122	-1.15%	2.71%
100	21	710.247	718.851	-8.604	-1.21%	2.87%
100	22	709.691	706.807	2.884	0.41%	0.96%
100	23	700.765	711.966	-11.201	-1.60%	3.73%
100	24	704.294	703.264	1.030	0.15%	0.34%
100	25	720.682	714.296	6.386	0.89%	2.13%
150	26	702.350	708.137	-5.787	-0.82%	1.93%
150	27	719.036	701.838	17.198	2.39%	5.73%
150	28	716.401	717.323	-0.923	-0.13%	0.31%
150	29	711.725	711.905	-0.180	-0.03%	0.06%
150	30	713.854	711.290	2.564	0.36%	0.85%
0	31	709.163	709.163	0.000	0.00%	0.00%
0	32	709.790	709.790	0.000	0.00%	0.00%
0	33	713.719	713.719	0.000	0.00%	0.00%
0	34	715.246	715.246	0.000	0.00%	0.00%
0	35	709.661	709.661	0.000	0.00%	0.00%
Max		720.682	718.851	17.198	2.39%	5.73%
Average		710.260	710.458	-0.198	-0.03%	1.38%
Min		700.765	701.838	-11.201	-1.60%	0.00%
Std Dev		4.546	4.206	5.794	0.81%	1.33%

TID Report



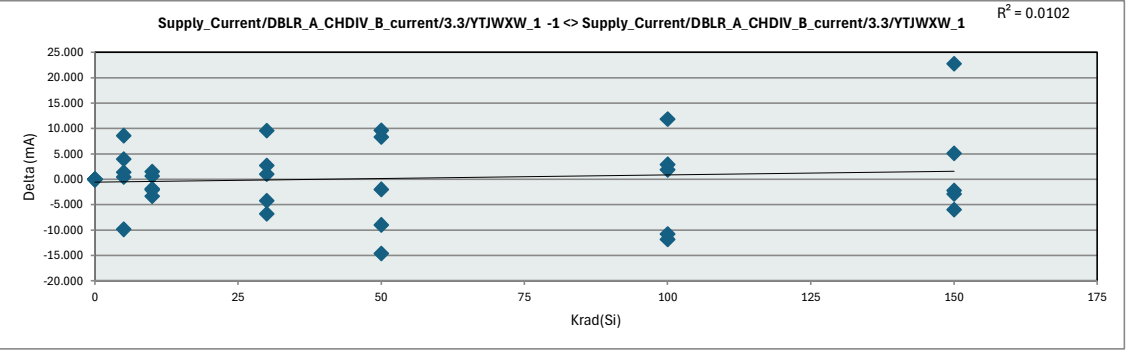
Supply_Current/DBLR_A_DBLR							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	899.9999762 mA						
Min Limit	600.0000238 mA						
Krad(Si)	0	5	10	30	50	100	150
LL	600.000	600.000	600.000	600.000	600.000	600.000	600.000
Min	709.163	703.614	709.723	705.423	708.114	703.264	701.838
Average	711.516	707.616	711.802	709.141	711.993	711.037	710.099
Max	715.246	714.656	713.697	713.545	717.753	718.851	717.323
UL	900.000	900.000	900.000	900.000	900.000	900.000	900.000



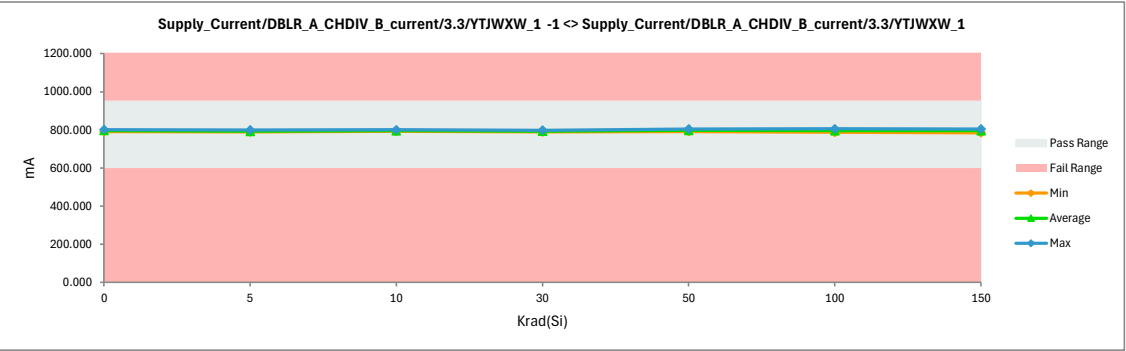
TID Report
5962R2321001PXE

Supply_Current/DBLR_A_CHDIV						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	mA		mA			
Max Limit	949.9999881		949.9999881			
Min Limit	600.0000238		600.0000238			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	789.666	799.523	-9.858	-1.25%	2.82%
5	2	800.083	791.481	8.602	1.08%	2.46%
5	3	793.625	789.621	4.004	0.50%	1.14%
5	4	793.322	792.893	0.429	0.05%	0.12%
5	5	791.088	789.685	1.403	0.18%	0.40%
10	6	798.369	800.442	-2.073	-0.26%	0.59%
10	7	794.781	793.283	1.498	0.19%	0.43%
10	8	793.910	795.768	-1.858	-0.23%	0.53%
10	9	792.942	792.283	0.659	0.08%	0.19%
10	10	792.515	795.843	-3.328	-0.42%	0.95%
30	11	794.399	798.622	-4.223	-0.53%	1.21%
30	12	800.105	790.515	9.589	1.20%	2.74%
30	13	792.395	789.698	2.697	0.34%	0.77%
30	14	791.803	790.784	1.019	0.13%	0.29%
30	15	787.745	794.534	-6.789	-0.86%	1.94%
50	16	789.114	791.101	-1.987	-0.25%	0.57%
50	17	804.261	794.631	9.630	1.20%	2.75%
50	18	794.618	803.577	-8.959	-1.13%	2.56%
50	19	800.191	791.846	8.345	1.04%	2.38%
50	20	790.086	804.699	-14.613	-1.85%	4.18%
100	21	793.942	805.765	-11.823	-1.49%	3.38%
100	22	793.582	790.653	2.929	0.37%	0.84%
100	23	783.694	794.485	-10.791	-1.38%	3.08%
100	24	789.256	787.374	1.882	0.24%	0.54%
100	25	807.900	796.051	11.849	1.47%	3.39%
150	26	785.988	791.985	-5.997	-0.76%	1.71%
150	27	807.752	785.011	22.741	2.82%	6.50%
150	28	801.371	804.250	-2.880	-0.36%	0.82%
150	29	797.618	799.832	-2.214	-0.28%	0.63%
150	30	801.536	796.395	5.141	0.64%	1.47%
0	31	791.000	791.000	0.000	0.00%	0.00%
0	32	794.371	794.371	0.000	0.00%	0.00%
0	33	799.139	799.139	0.000	0.00%	0.00%
0	34	801.126	801.126	0.000	0.00%	0.00%
0	35	794.740	794.740	0.000	0.00%	0.00%
Max		807.900	805.765	22.741	2.82%	6.50%
Average		795.087	794.943	0.144	0.01%	1.47%
Min		783.694	785.011	-14.613	-1.85%	0.00%
Std Dev		5.689	5.125	7.348	0.92%	1.48%

TID Report



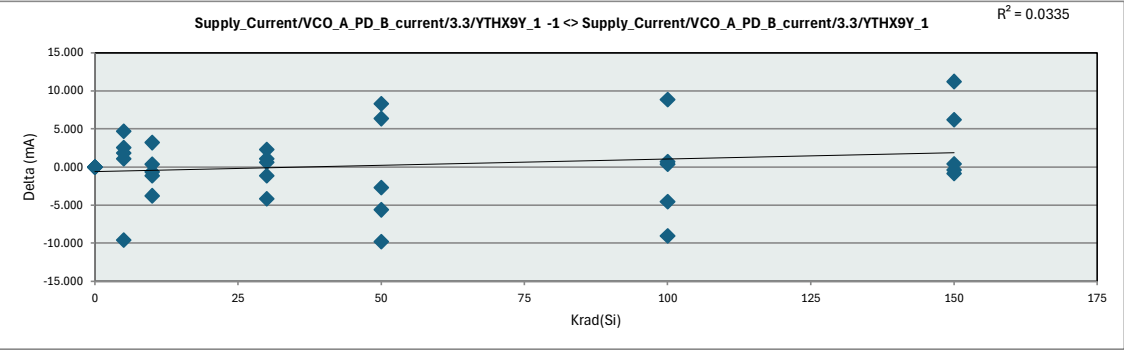
Supply_Current/DBLR_A_CHDIV							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	949.9999881 mA						
Min Limit	600.0000238 mA						
Krad(Si)	0	5	10	30	50	100	150
LL	600.000	600.000	600.000	600.000	600.000	600.000	600.000
Min	791.000	789.621	792.283	789.698	791.101	787.374	785.011
Average	796.075	792.641	795.524	792.831	797.171	794.866	795.495
Max	801.126	799.523	800.442	798.622	804.699	805.765	804.250
UL	950.000	950.000	950.000	950.000	950.000	950.000	950.000



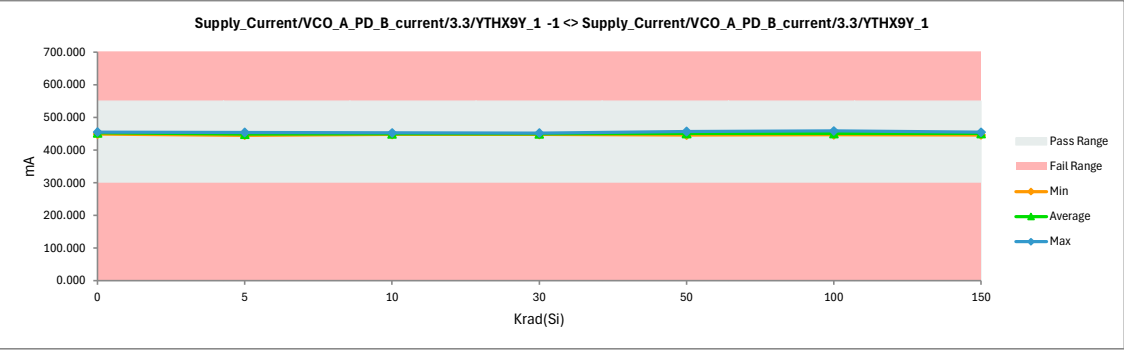
TID Report
5962R2321001PXE

Supply_Current/VCO_A_PD_B_c						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	mA		mA			
Max Limit	550.0000119		550.0000119			
Min Limit	300.0000119		300.0000119			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	444.263	453.848	-9.585	-2.16%	3.83%
5	2	453.691	448.975	4.716	1.04%	1.89%
5	3	449.286	447.430	1.856	0.41%	0.74%
5	4	450.309	449.204	1.105	0.25%	0.44%
5	5	448.097	445.539	2.558	0.57%	1.02%
10	6	453.228	452.852	0.375	0.08%	0.15%
10	7	447.855	451.614	-3.759	-0.84%	1.50%
10	8	448.166	449.277	-1.112	-0.25%	0.44%
10	9	451.041	447.816	3.225	0.72%	1.29%
10	10	448.455	449.078	-0.622	-0.14%	0.25%
30	11	451.513	450.397	1.116	0.25%	0.45%
30	12	450.176	449.552	0.624	0.14%	0.25%
30	13	450.048	447.734	2.313	0.51%	0.93%
30	14	448.001	449.140	-1.139	-0.25%	0.46%
30	15	448.056	452.228	-4.171	-0.93%	1.67%
50	16	445.224	447.900	-2.676	-0.60%	1.07%
50	17	456.399	450.035	6.364	1.39%	2.55%
50	18	450.050	455.652	-5.603	-1.24%	2.24%
50	19	454.225	445.900	8.326	1.83%	3.33%
50	20	447.241	457.036	-9.795	-2.19%	3.92%
100	21	449.661	458.704	-9.042	-2.01%	3.62%
100	22	449.007	448.610	0.397	0.09%	0.16%
100	23	445.484	450.020	-4.536	-1.02%	1.81%
100	24	447.464	446.773	0.691	0.15%	0.28%
100	25	459.879	451.011	8.868	1.93%	3.55%
150	26	447.842	448.200	-0.358	-0.08%	0.14%
150	27	457.845	446.612	11.233	2.45%	4.49%
150	28	454.815	454.384	0.431	0.09%	0.17%
150	29	453.303	454.148	-0.845	-0.19%	0.34%
150	30	457.689	451.472	6.216	1.36%	2.49%
0	31	448.756	448.756	0.000	0.00%	0.00%
0	32	450.342	450.342	0.000	0.00%	0.00%
0	33	454.011	454.011	0.000	0.00%	0.00%
0	34	455.225	455.225	0.000	0.00%	0.00%
0	35	454.485	454.485	0.000	0.00%	0.00%
Max		459.879	458.704	11.233	2.45%	4.49%
Average		450.889	450.685	0.205	0.04%	1.30%
Min		444.263	445.539	-9.795	-2.19%	0.00%
Std Dev		3.813	3.276	4.752	1.05%	1.37%

TID Report



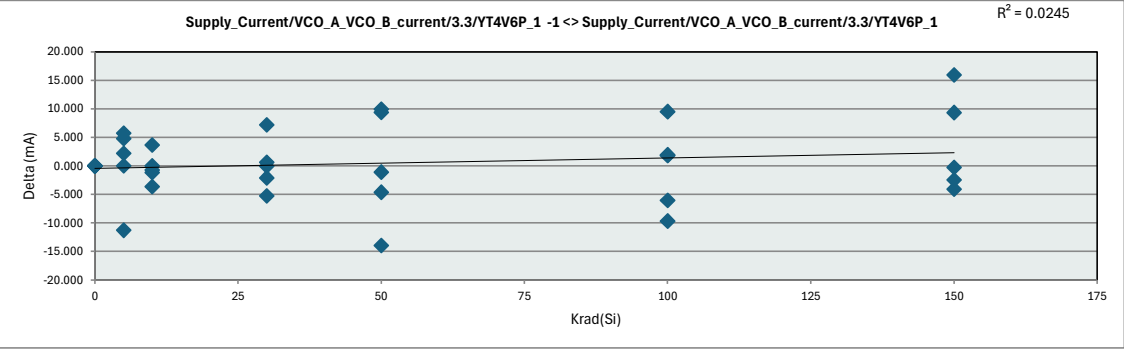
Supply_Current/VCO_A_PD_B							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	550.0000119 mA						
Min Limit	300.0000119 mA						
Krad(Si)	0	5	10	30	50	100	150
LL	300.000	300.000	300.000	300.000	300.000	300.000	300.000
Min	448.756	445.539	447.816	447.734	445.900	446.773	446.612
Average	452.564	448.999	450.127	449.810	451.305	451.024	450.963
Max	455.225	453.848	452.852	452.228	457.036	458.704	454.384
UL	550.000	550.000	550.000	550.000	550.000	550.000	550.000



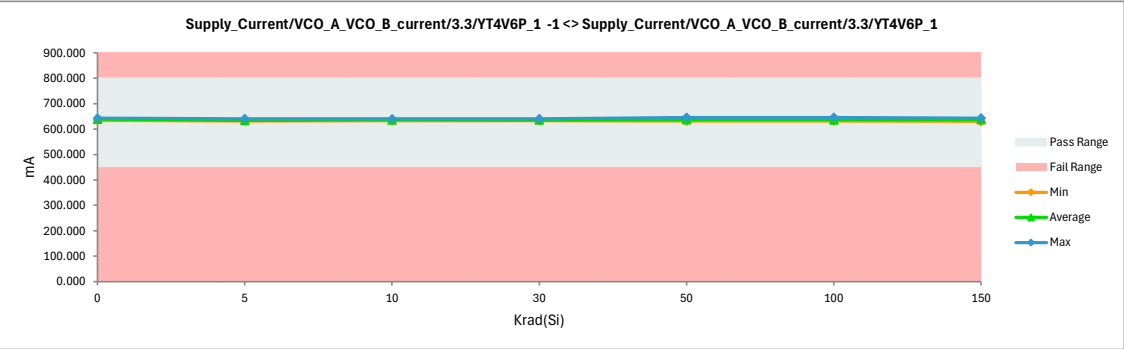
TID Report
5962R2321001PXE

		Supply_Current/VCO_A_VCO_B				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		mA	mA			
Max Limit		800.0000119	800.0000119			
Min Limit		449.9999881	449.9999881			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	629.965	641.248	-11.282	-1.79%	3.22%
5	2	641.398	635.675	5.723	0.89%	1.64%
5	3	632.832	632.817	0.015	0.00%	0.00%
5	4	637.117	632.326	4.791	0.75%	1.37%
5	5	633.478	631.253	2.225	0.35%	0.64%
10	6	640.072	640.074	-0.002	0.00%	0.00%
10	7	633.680	637.319	-3.639	-0.57%	1.04%
10	8	635.969	636.675	-0.706	-0.11%	0.20%
10	9	637.302	633.635	3.667	0.58%	1.05%
10	10	634.017	635.158	-1.142	-0.18%	0.33%
30	11	635.332	640.593	-5.261	-0.83%	1.50%
30	12	641.318	634.122	7.197	1.12%	2.06%
30	13	634.038	633.411	0.627	0.10%	0.18%
30	14	634.392	634.439	-0.047	-0.01%	0.01%
30	15	633.463	635.553	-2.090	-0.33%	0.60%
50	16	630.740	631.843	-1.103	-0.17%	0.32%
50	17	645.604	636.237	9.366	1.45%	2.68%
50	18	636.684	641.293	-4.609	-0.72%	1.32%
50	19	641.233	631.289	9.943	1.55%	2.84%
50	20	631.409	645.372	-13.962	-2.21%	3.99%
100	21	635.954	645.627	-9.673	-1.52%	2.76%
100	22	634.922	633.111	1.811	0.29%	0.52%
100	23	629.828	635.858	-6.030	-0.96%	1.72%
100	24	633.349	631.407	1.942	0.31%	0.55%
100	25	646.777	637.261	9.516	1.47%	2.72%
150	26	632.045	634.506	-2.461	-0.39%	0.70%
150	27	645.822	629.894	15.928	2.47%	4.55%
150	28	641.396	641.673	-0.277	-0.04%	0.08%
150	29	639.235	643.320	-4.086	-0.64%	1.17%
150	30	646.312	636.967	9.345	1.45%	2.67%
0	31	634.834	634.834	0.000	0.00%	0.00%
0	32	637.978	637.978	0.000	0.00%	0.00%
0	33	641.121	641.121	0.000	0.00%	0.00%
0	34	642.220	642.220	0.000	0.00%	0.00%
0	35	638.450	638.450	0.000	0.00%	0.00%
Max		646.777	645.627	15.928	2.47%	4.55%
Average		637.151	636.702	0.449	0.07%	1.21%
Min		629.828	629.894	-13.962	-2.21%	0.00%
Std Dev		4.764	4.191	6.157	0.96%	1.26%

TID Report



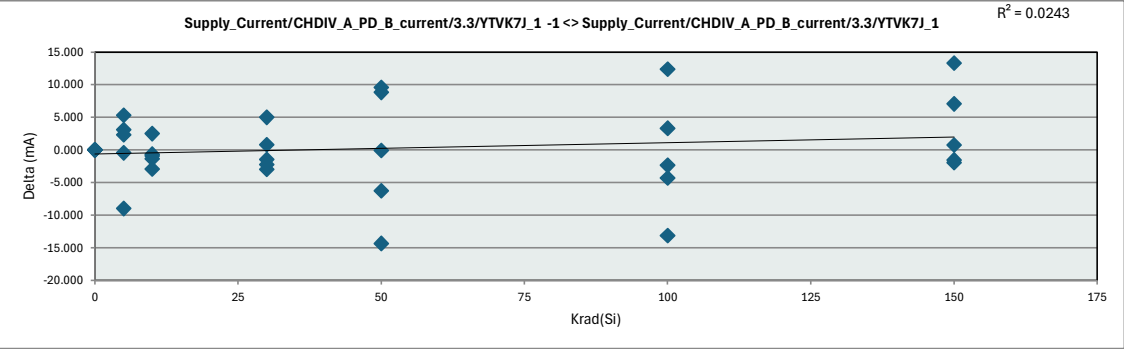
	Supply_Current/VCO_A_VCO_B						
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	800.0000119		mA				
Min Limit	449.9999881		mA				
Krad(Si)	0	5	10	30	50	100	150
LL	450.000	450.000	450.000	450.000	450.000	450.000	450.000
Min	634.834	631.253	633.635	633.411	631.289	631.407	629.894
Average	638.920	634.664	636.572	635.624	637.207	636.653	637.272
Max	642.220	641.248	640.074	640.593	645.372	645.627	643.321
UL	800.000	800.000	800.000	800.000	800.000	800.000	800.000



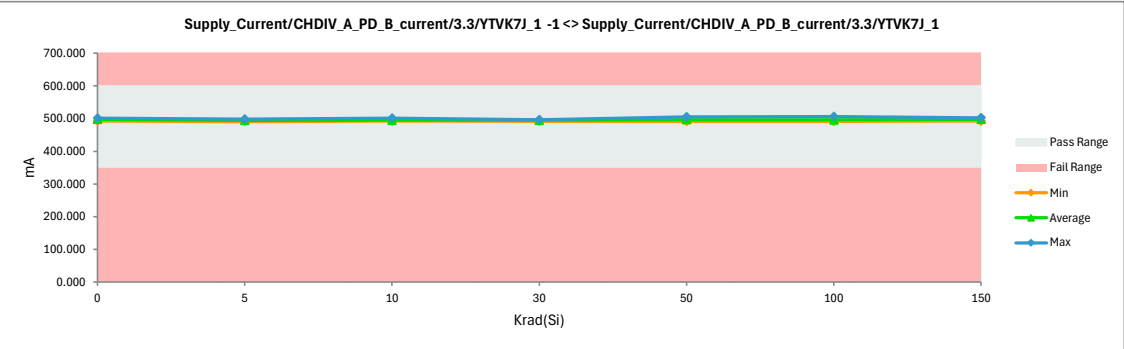
TID Report
5962R2321001PXE

Supply_Current/CHDIV_A_PD_B						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	mA		mA			
Max Limit	600.0000238		600.0000238			
Min Limit	349.999994		349.999994			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	489.740	498.705	-8.965	-1.83%	3.59%
5	2	499.027	493.710	5.317	1.07%	2.13%
5	3	495.718	493.379	2.339	0.47%	0.94%
5	4	494.967	495.418	-0.451	-0.09%	0.18%
5	5	494.107	491.021	3.086	0.62%	1.23%
10	6	500.593	501.241	-0.648	-0.13%	0.26%
10	7	491.836	494.740	-2.903	-0.59%	1.16%
10	8	492.276	493.639	-1.363	-0.28%	0.55%
10	9	494.482	491.986	2.496	0.50%	1.00%
10	10	492.358	493.257	-0.899	-0.18%	0.36%
30	11	495.892	495.111	0.781	0.16%	0.31%
30	12	495.327	496.789	-1.461	-0.30%	0.58%
30	13	496.604	491.598	5.006	1.01%	2.00%
30	14	491.984	494.952	-2.968	-0.60%	1.19%
30	15	494.205	496.441	-2.236	-0.45%	0.89%
50	16	491.135	491.235	-0.101	-0.02%	0.04%
50	17	504.395	494.795	9.600	1.90%	3.84%
50	18	494.840	501.102	-6.261	-1.27%	2.50%
50	19	500.589	491.753	8.836	1.77%	3.53%
50	20	490.549	504.870	-14.321	-2.92%	5.73%
100	21	492.892	506.028	-13.136	-2.67%	5.25%
100	22	492.604	494.963	-2.358	-0.48%	0.94%
100	23	489.723	494.023	-4.300	-0.88%	1.72%
100	24	494.297	490.967	3.330	0.67%	1.33%
100	25	507.432	495.033	12.398	2.44%	4.96%
150	26	494.242	493.482	0.760	0.15%	0.30%
150	27	505.256	491.944	13.312	2.63%	5.32%
150	28	500.625	502.578	-1.953	-0.39%	0.78%
150	29	499.625	501.162	-1.536	-0.31%	0.61%
150	30	504.636	497.559	7.077	1.40%	2.83%
0	31	492.583	492.583	0.000	0.00%	0.00%
0	32	495.330	495.330	0.000	0.00%	0.00%
0	33	497.832	497.832	0.000	0.00%	0.00%
0	34	501.130	501.130	0.000	0.00%	0.00%
0	35	499.634	499.634	0.000	0.00%	0.00%
Max		507.432	506.028	13.312	2.63%	5.73%
Average		496.242	496.000	0.242	0.04%	1.60%
Min		489.723	490.967	-14.321	-2.92%	0.00%
Std Dev		4.641	4.036	5.919	1.19%	1.72%

TID Report



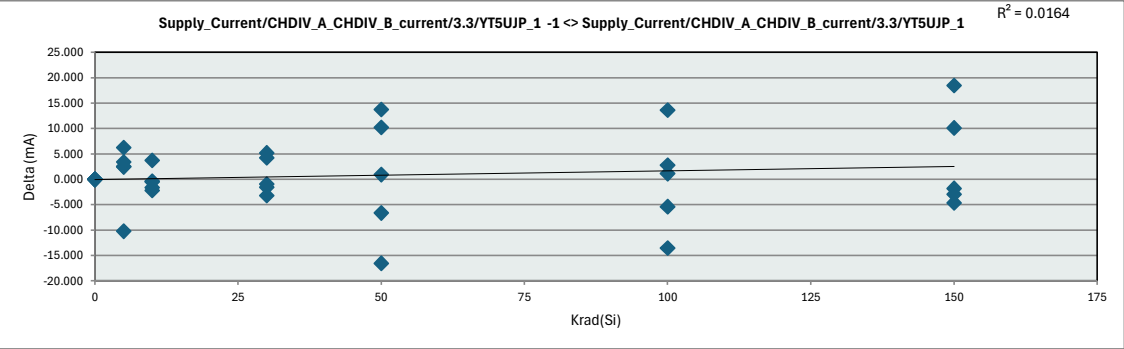
Supply_Current/CHDIV_A_PD							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	600.0000238 mA						
Min Limit	349.999994 mA						
Krad(Si)	0	5	10	30	50	100	150
LL	350.000	350.000	350.000	350.000	350.000	350.000	350.000
Min	492.583	491.021	491.986	491.598	491.235	490.967	491.944
Average	497.302	494.446	494.973	494.978	496.751	496.203	497.345
Max	501.130	498.705	501.241	496.789	504.870	506.028	502.578
UL	600.000	600.000	600.000	600.000	600.000	600.000	600.000



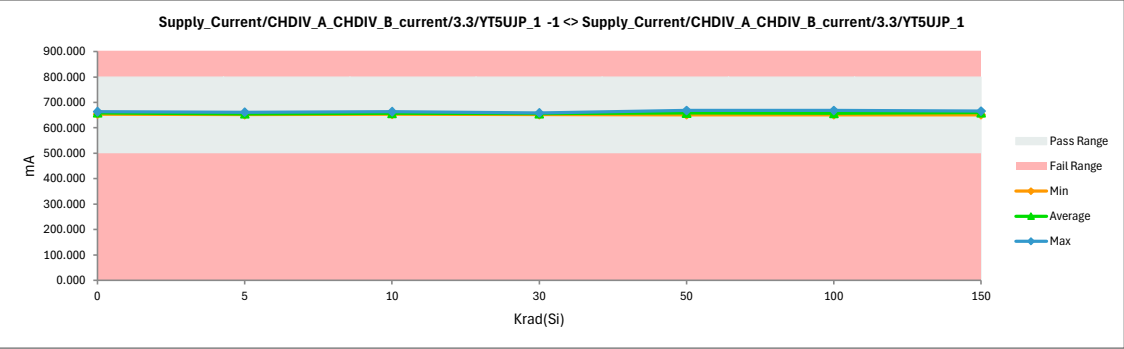
TID Report
5962R2321001PXE

		Supply_Current/CHDIV_A_CHDIV_B_current/3.3/YT5UJP_1				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		mA	mA			
Max Limit		800.0000119	800.0000119			
Min Limit		500	500			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	651.489	661.699	-10.209	-1.57%	3.40%
5	2	661.684	655.403	6.281	0.95%	2.09%
5	3	656.122	653.594	2.528	0.39%	0.84%
5	4	658.274	654.847	3.427	0.52%	1.14%
5	5	655.184	652.719	2.465	0.38%	0.82%
10	6	663.214	663.705	-0.491	-0.07%	0.16%
10	7	654.043	656.242	-2.199	-0.34%	0.73%
10	8	654.532	656.135	-1.603	-0.24%	0.53%
10	9	656.925	653.202	3.723	0.57%	1.24%
10	10	653.985	654.378	-0.393	-0.06%	0.13%
30	11	655.695	658.869	-3.174	-0.48%	1.06%
30	12	660.903	656.639	4.264	0.65%	1.42%
30	13	657.377	652.172	5.206	0.79%	1.74%
30	14	653.938	655.500	-1.562	-0.24%	0.52%
30	15	655.440	656.371	-0.931	-0.14%	0.31%
50	16	652.260	651.305	0.955	0.15%	0.32%
50	17	669.201	655.431	13.769	2.06%	4.59%
50	18	657.070	663.682	-6.611	-1.01%	2.20%
50	19	662.607	652.371	10.235	1.54%	3.41%
50	20	652.071	668.606	-16.535	-2.54%	5.51%
100	21	654.687	668.229	-13.542	-2.07%	4.51%
100	22	655.272	654.127	1.146	0.17%	0.38%
100	23	650.002	655.362	-5.360	-0.82%	1.79%
100	24	654.438	651.642	2.796	0.43%	0.93%
100	25	669.570	655.916	13.654	2.04%	4.55%
150	26	654.554	656.320	-1.766	-0.27%	0.59%
150	27	670.179	651.689	18.490	2.76%	6.16%
150	28	662.823	665.750	-2.927	-0.44%	0.98%
150	29	660.474	665.111	-4.637	-0.70%	1.55%
150	30	668.776	658.656	10.119	1.51%	3.37%
0	31	654.189	654.189	0.000	0.00%	0.00%
0	32	658.727	658.727	0.000	0.00%	0.00%
0	33	661.703	661.703	0.000	0.00%	0.00%
0	34	663.409	663.409	0.000	0.00%	0.00%
0	35	659.330	659.330	0.000	0.00%	0.00%
Max		670.179	668.606	18.490	2.76%	6.16%
Average		658.290	657.515	0.775	0.11%	1.63%
Min		650.002	651.305	-16.535	-2.54%	0.00%
Std Dev		5.380	4.860	7.122	1.08%	1.72%

TID Report



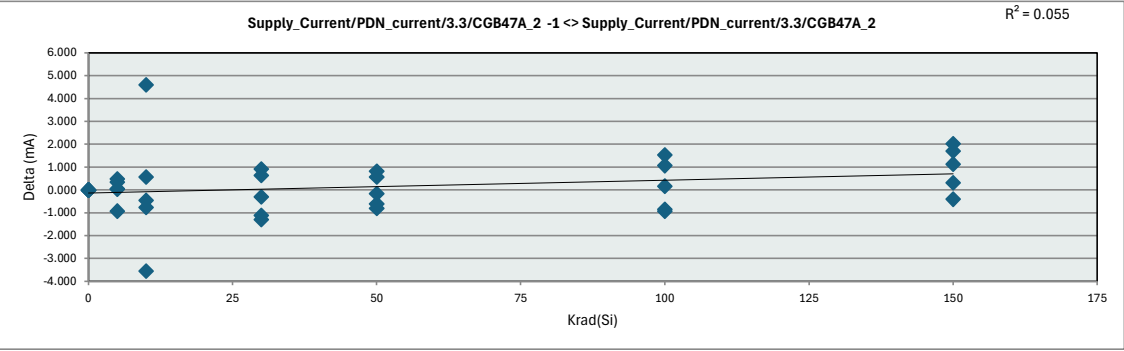
	Supply_Current/CHDIV_A_CHDIV_B_current/3.3/YT5UJP_1						
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	800.0000119	mA					
Min Limit	500	mA					
Krad(Si)	0	5	10	30	50	100	150
LL	500.000	500.000	500.000	500.000	500.000	500.000	500.000
Min	654.189	652.719	653.202	652.172	651.305	651.642	651.689
Average	659.472	655.653	656.732	655.910	658.279	657.055	659.505
Max	663.409	661.699	663.705	658.869	668.606	668.229	665.750
UL	800.000	800.000	800.000	800.000	800.000	800.000	800.000



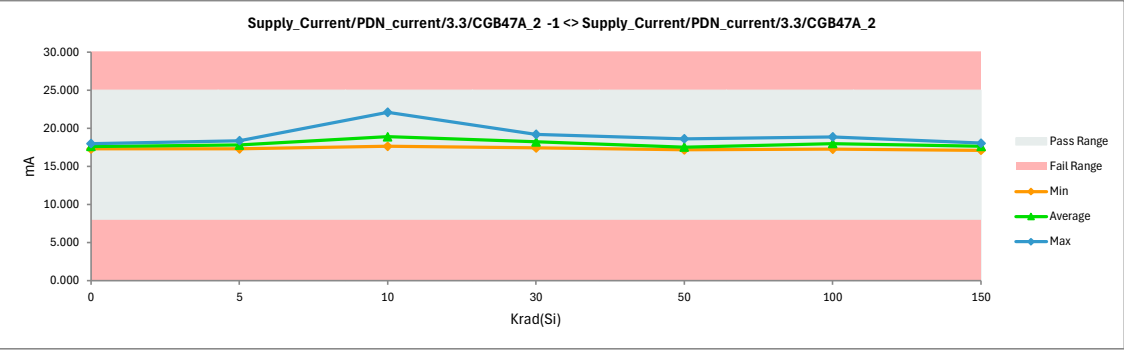
TID Report
5962R2321001PXE

Supply_Current/PDN_current/3.						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	mA		mA			
Max Limit	25.00000037		25.00000037			
Min Limit	8.00000038		8.00000038			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	17.859	17.520	0.339	1.90%	1.99%
5	2	17.808	17.327	0.481	2.70%	2.83%
5	3	17.452	18.379	-0.927	-5.31%	5.45%
5	4	17.992	17.949	0.043	0.24%	0.25%
5	5	18.014	17.969	0.045	0.25%	0.27%
10	6	18.578	18.007	0.571	3.07%	3.36%
10	7	18.557	22.104	-3.547	-19.11%	20.86%
10	8	18.128	18.580	-0.453	-2.50%	2.66%
10	9	22.237	17.636	4.601	20.69%	27.06%
10	10	17.460	18.224	-0.764	-4.38%	4.49%
30	11	17.653	17.960	-0.307	-1.74%	1.80%
30	12	18.059	17.424	0.635	3.52%	3.74%
30	13	17.904	19.198	-1.294	-7.23%	7.61%
30	14	18.844	17.930	0.914	4.85%	5.38%
30	15	17.456	18.567	-1.112	-6.37%	6.54%
50	16	17.010	17.168	-0.159	-0.93%	0.93%
50	17	18.029	18.636	-0.607	-3.37%	3.57%
50	18	18.037	17.471	0.566	3.14%	3.33%
50	19	16.379	17.186	-0.807	-4.93%	4.75%
50	20	18.025	17.201	0.824	4.57%	4.85%
100	21	19.020	17.490	1.530	8.04%	9.00%
100	22	18.344	17.276	1.069	5.83%	6.29%
100	23	17.638	17.471	0.167	0.95%	0.98%
100	24	17.928	18.855	-0.927	-5.17%	5.45%
100	25	18.025	18.876	-0.852	-4.73%	5.01%
150	26	17.651	18.052	-0.401	-2.27%	2.36%
150	27	18.808	17.104	1.704	9.06%	10.02%
150	28	18.829	17.698	1.131	6.01%	6.65%
150	29	19.441	17.415	2.026	10.42%	11.92%
150	30	18.273	17.958	0.315	1.73%	1.86%
0	31	17.437	17.437	0.000	0.00%	0.00%
0	32	17.445	17.445	0.000	0.00%	0.00%
0	33	17.973	17.973	0.000	0.00%	0.00%
0	34	18.003	18.003	0.000	0.00%	0.00%
0	35	17.284	17.284	0.000	0.00%	0.00%
Max		22.237	22.104	4.601	20.69%	27.06%
Average		18.102	17.965	0.137	0.54%	4.89%
Min		16.379	17.104	-3.547	-19.11%	0.00%
Std Dev		0.935	0.905	1.276	6.51%	5.69%

TID Report



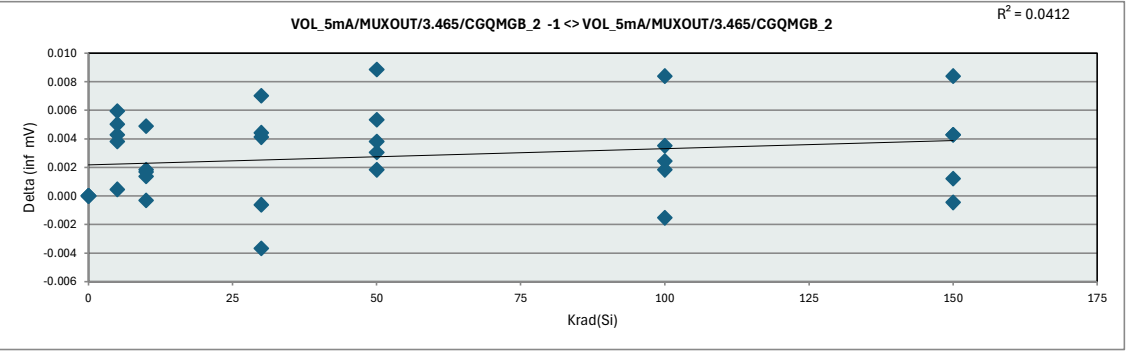
Supply_Current/PDN_current/							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	25.00000037 mA						
Min Limit	8.00000038 mA						
Krad(Si)	0	5	10	30	50	100	150
LL	8.000	8.000	8.000	8.000	8.000	8.000	8.000
Min	17.284	17.327	17.636	17.424	17.168	17.276	17.104
Average	17.628	17.829	18.910	18.216	17.532	17.994	17.646
Max	18.003	18.379	22.104	19.198	18.636	18.876	18.052
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000



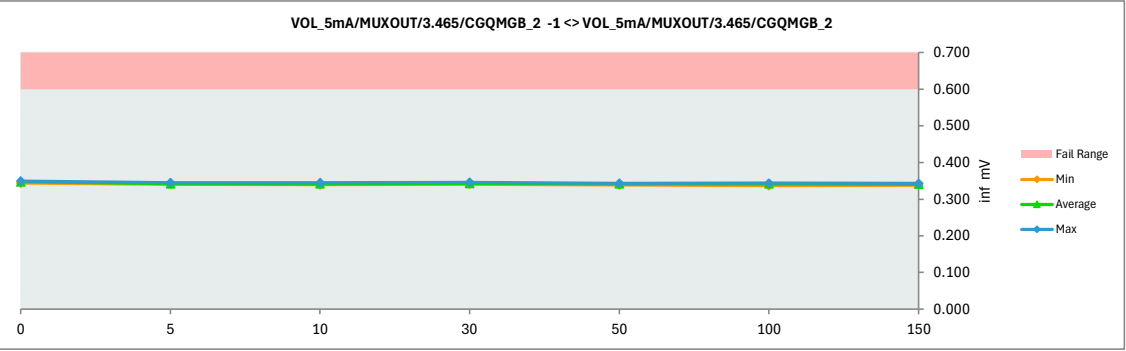
TID Report
5962R2321001PXE

		VOL_5mA/MUXOUT/3.465/CGQMGB_2				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		inf mV	inf mV			
Max Limit		0.600000024	0.600000024			
Min Limit						
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	0.345	0.341	0.004	1.11%	0.64%
5	2	0.345	0.341	0.004	1.24%	0.71%
5	3	0.349	0.343	0.006	1.71%	0.99%
5	4	0.346	0.345	0.000	0.13%	0.08%
5	5	0.348	0.343	0.005	1.45%	0.84%
10	6	0.342	0.340	0.002	0.54%	0.31%
10	7	0.343	0.342	0.001	0.40%	0.23%
10	8	0.343	0.342	0.002	0.49%	0.28%
10	9	0.344	0.345	0.000	-0.09%	0.05%
10	10	0.346	0.342	0.005	1.41%	0.81%
30	11	0.348	0.341	0.007	2.02%	1.17%
30	12	0.344	0.344	-0.001	-0.18%	0.10%
30	13	0.346	0.342	0.004	1.28%	0.74%
30	14	0.345	0.340	0.004	1.20%	0.69%
30	15	0.342	0.346	-0.004	-1.07%	0.61%
50	16	0.346	0.343	0.003	0.88%	0.51%
50	17	0.343	0.341	0.002	0.53%	0.31%
50	18	0.347	0.343	0.004	1.10%	0.64%
50	19	0.347	0.342	0.005	1.54%	0.89%
50	20	0.347	0.338	0.009	2.55%	1.48%
100	21	0.345	0.337	0.008	2.43%	1.40%
100	22	0.345	0.342	0.002	0.71%	0.41%
100	23	0.346	0.343	0.004	1.01%	0.59%
100	24	0.346	0.344	0.002	0.53%	0.31%
100	25	0.342	0.343	-0.002	-0.45%	0.25%
150	26	0.347	0.338	0.008	2.42%	1.40%
150	27	0.342	0.342	0.000	-0.13%	0.08%
150	28	0.343	0.339	0.004	1.24%	0.71%
150	29	0.345	0.341	0.004	1.24%	0.71%
150	30	0.344	0.343	0.001	0.36%	0.20%
0	31	0.347	0.347	0.000	0.00%	0.00%
0	32	0.349	0.349	0.000	0.00%	0.00%
0	33	0.348	0.348	0.000	0.00%	0.00%
0	34	0.344	0.344	0.000	0.00%	0.00%
0	35	0.348	0.348	0.000	0.00%	0.00%
Max		0.349	0.349	0.009	2.55%	1.48%
Average		0.345	0.343	0.003	0.79%	0.52%
Min		0.342	0.337	-0.004	-1.07%	0.00%
Std Dev		0.002	0.003	0.003	0.86%	0.43%

TID Report

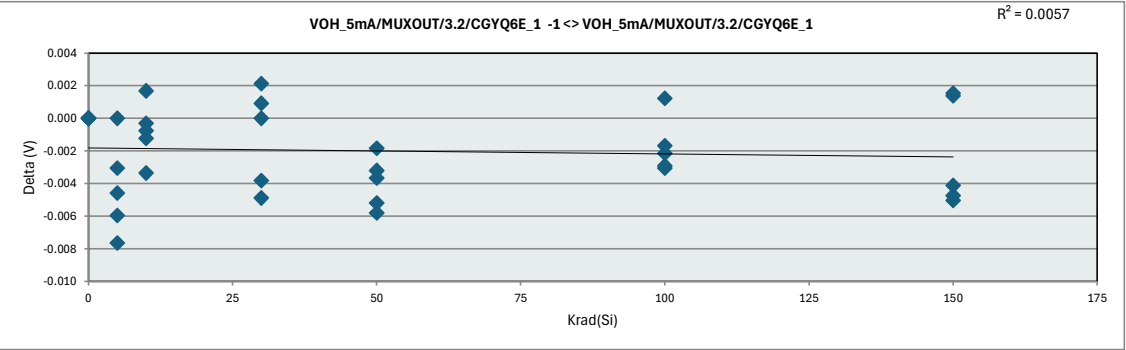


	VOL_5mA/MUXOUT/3.465/CG						
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	0.600000024 inf mV						
Min Limit	inf mV						
Krad(Si)	0	5	10	30	50	100	150
LL							
Min	0.344	0.341	0.340	0.340	0.338	0.337	0.338
Average	0.347	0.342	0.342	0.343	0.342	0.342	0.341
Max	0.349	0.345	0.345	0.346	0.343	0.344	0.343
UL	0.600	0.600	0.600	0.600	0.600	0.600	0.600

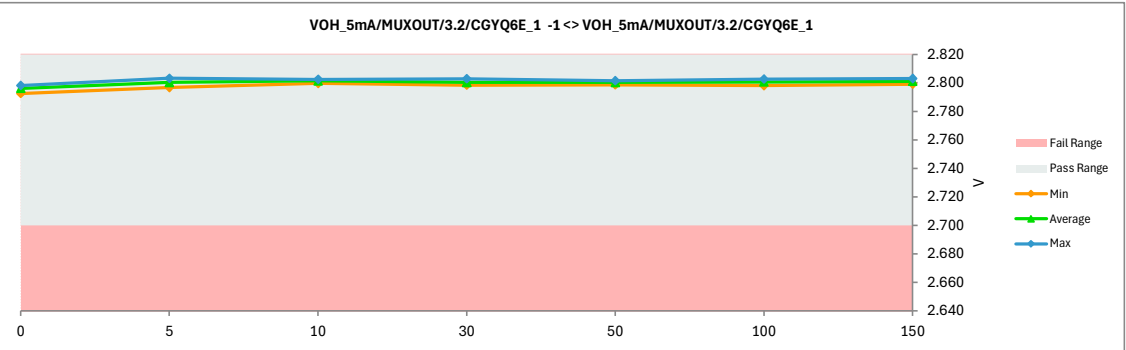


TID Report
5962R2321001PXE

VOH_5mA/MUXOUT/3.2/CGYQ6E_1						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	V		V			
Max Limit						
Min Limit	2.700000048		2.700000048			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	2.799	2.803	-0.005	-0.16%	0.17%
5	2	2.799	2.802	-0.003	-0.11%	0.11%
5	3	2.793	2.799	-0.006	-0.21%	0.22%
5	4	2.797	2.797	0.000	0.00%	0.00%
5	5	2.794	2.801	-0.008	-0.27%	0.28%
10	6	2.801	2.802	-0.001	-0.04%	0.05%
10	7	2.802	2.800	0.002	0.06%	0.06%
10	8	2.802	2.802	-0.001	-0.03%	0.03%
10	9	2.799	2.800	0.000	-0.01%	0.01%
10	10	2.799	2.802	-0.003	-0.12%	0.12%
30	11	2.799	2.803	-0.004	-0.14%	0.14%
30	12	2.801	2.798	0.002	0.08%	0.08%
30	13	2.797	2.802	-0.005	-0.17%	0.18%
30	14	2.801	2.800	0.001	0.03%	0.03%
30	15	2.799	2.799	0.000	0.00%	0.00%
50	16	2.797	2.800	-0.004	-0.13%	0.14%
50	17	2.798	2.801	-0.003	-0.11%	0.12%
50	18	2.797	2.799	-0.002	-0.07%	0.07%
50	19	2.795	2.800	-0.005	-0.19%	0.19%
50	20	2.796	2.802	-0.006	-0.21%	0.21%
100	21	2.800	2.803	-0.002	-0.08%	0.08%
100	22	2.799	2.798	0.001	0.04%	0.05%
100	23	2.798	2.801	-0.003	-0.11%	0.11%
100	24	2.797	2.799	-0.002	-0.06%	0.06%
100	25	2.799	2.802	-0.003	-0.10%	0.11%
150	26	2.796	2.802	-0.005	-0.18%	0.19%
150	27	2.802	2.800	0.002	0.05%	0.06%
150	28	2.798	2.803	-0.005	-0.17%	0.18%
150	29	2.800	2.799	0.001	0.05%	0.05%
150	30	2.798	2.802	-0.004	-0.15%	0.15%
0	31	2.798	2.798	0.000	0.00%	0.00%
0	32	2.793	2.793	0.000	0.00%	0.00%
0	33	2.798	2.798	0.000	0.00%	0.00%
0	34	2.798	2.798	0.000	0.00%	0.00%
0	35	2.794	2.794	0.000	0.00%	0.00%
Max		2.802	2.803	0.002	0.08%	0.28%
Average		2.798	2.800	-0.002	-0.07%	0.09%
Min		2.793	2.793	-0.008	-0.27%	0.00%
Std Dev		0.002	0.002	0.003	0.09%	0.08%



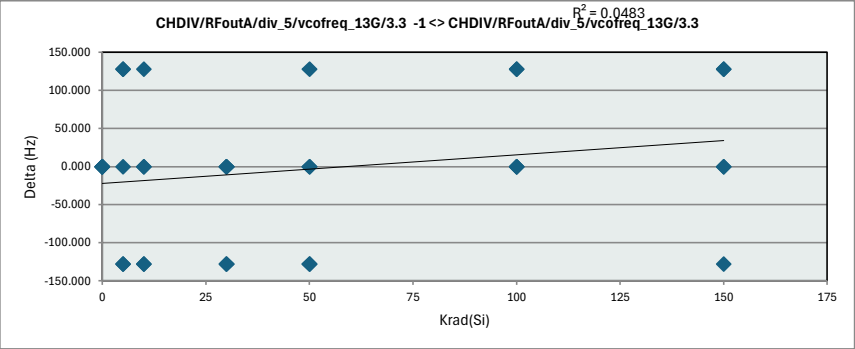
		VOH_5mA/MUXOUT/3.2/CGYQ6E_1					
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	V						
Min Limit	2.700000048						
Krad(Si)	0	5	10	30	50	100	150
LL	2.700	2.700	2.700	2.700	2.700	2.700	2.700
Min	2.793	2.797	2.800	2.798	2.799	2.798	2.799
Average	2.796	2.800	2.801	2.800	2.800	2.801	2.801
Max	2.798	2.803	2.802	2.803	2.802	2.803	2.803
UL							



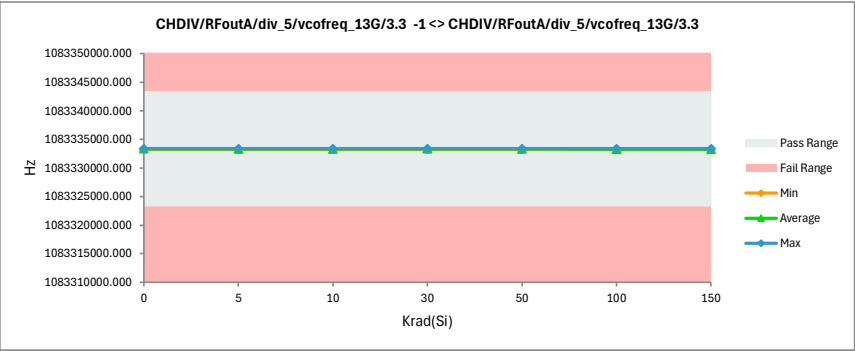
TID Report
5962R2321001PXE

CHDIV/RFoutA/div_5/vcofreq_1						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	1083343360		1083343360			
Min Limit	1083323264		1083323264			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	1083333376.000	1083333248.000	128.000	0.00%	0.64%
5	2	1083333248.000	1083333376.000	-128.000	0.00%	0.64%
5	3	1083333376.000	1083333376.000	0.000	0.00%	0.00%
5	4	1083333248.000	1083333376.000	-128.000	0.00%	0.64%
5	5	1083333376.000	1083333248.000	128.000	0.00%	0.64%
10	6	1083333248.000	1083333376.000	-128.000	0.00%	0.64%
10	7	1083333376.000	1083333376.000	0.000	0.00%	0.00%
10	8	1083333376.000	1083333248.000	128.000	0.00%	0.64%
10	9	1083333248.000	1083333376.000	-128.000	0.00%	0.64%
10	10	1083333248.000	1083333248.000	0.000	0.00%	0.00%
30	11	1083333248.000	1083333376.000	-128.000	0.00%	0.64%
30	12	1083333248.000	1083333248.000	0.000	0.00%	0.00%
30	13	1083333376.000	1083333376.000	0.000	0.00%	0.00%
30	14	1083333376.000	1083333376.000	0.000	0.00%	0.00%
30	15	1083333248.000	1083333376.000	-128.000	0.00%	0.64%
50	16	1083333248.000	1083333376.000	-128.000	0.00%	0.64%
50	17	1083333376.000	1083333376.000	0.000	0.00%	0.00%
50	18	1083333376.000	1083333248.000	128.000	0.00%	0.64%
50	19	1083333248.000	1083333376.000	-128.000	0.00%	0.64%
50	20	1083333248.000	1083333248.000	0.000	0.00%	0.00%
100	21	1083333248.000	1083333248.000	0.000	0.00%	0.00%
100	22	1083333376.000	1083333376.000	0.000	0.00%	0.00%
100	23	1083333376.000	1083333376.000	0.000	0.00%	0.00%
100	24	1083333376.000	1083333248.000	128.000	0.00%	0.64%
100	25	1083333376.000	1083333248.000	128.000	0.00%	0.64%
150	26	1083333248.000	1083333376.000	-128.000	0.00%	0.64%
150	27	1083333376.000	1083333248.000	128.000	0.00%	0.64%
150	28	1083333248.000	1083333248.000	0.000	0.00%	0.00%
150	29	1083333248.000	1083333248.000	0.000	0.00%	0.00%
150	30	1083333376.000	1083333248.000	128.000	0.00%	0.64%
0	31	1083333248.000	1083333248.000	0.000	0.00%	0.00%
0	32	1083333376.000	1083333376.000	0.000	0.00%	0.00%
0	33	1083333376.000	1083333376.000	0.000	0.00%	0.00%
0	34	1083333376.000	1083333376.000	0.000	0.00%	0.00%
0	35	1083333376.000	1083333376.000	0.000	0.00%	0.00%
Max		1083333376.000	1083333376.000	128.000	0.00%	0.64%
Average		1083333317.486	1083333321.143	-3.657	0.00%	0.31%
Min		1083333248.000	1083333248.000	-128.000	0.00%	0.00%
Std Dev		64.695	64.268	90.434	0.00%	0.32%

TID Report



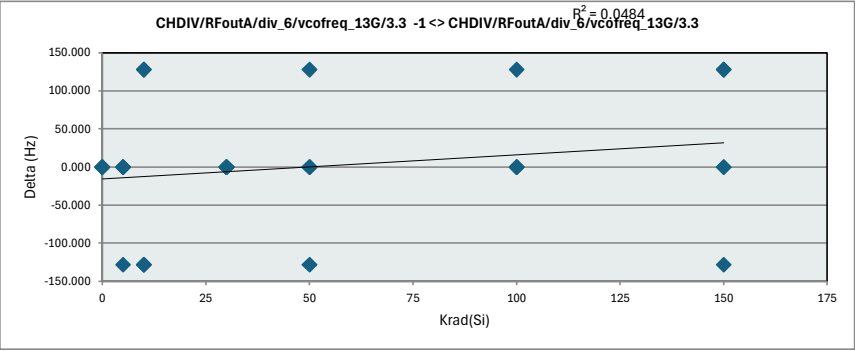
		CHDIV/RFoutA/div_5/vcofreq						
Test Site	CLAB							
Tester	UFLEX+02							
Test Number	PF365800							
Max Limit	1083343360					Hz		
Min Limit	1083323264					Hz		
Krad(Si)		0	5	10	30	50	100	150
LL	#####	#####	#####	#####	#####	#####	#####	1083323264.000
Min	#####	#####	#####	#####	#####	#####	#####	1083333248.000
Average	#####	#####	#####	#####	#####	#####	#####	1083333273.600
Max	#####	#####	#####	#####	#####	#####	#####	1083333376.000
UL	#####	#####	#####	#####	#####	#####	#####	1083343360.000



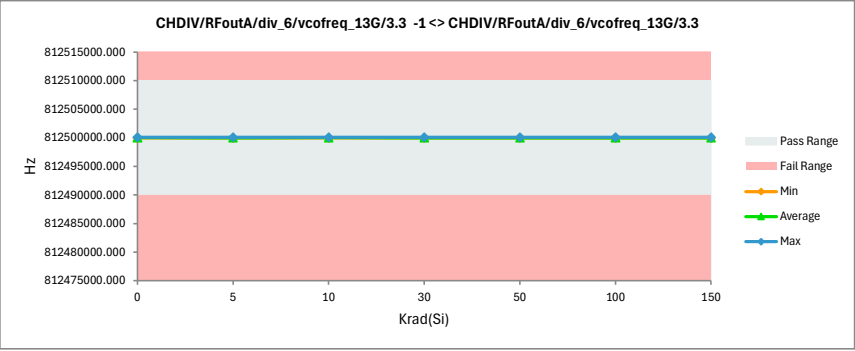
TID Report
5962R2321001PXE

CHDIV/RFoutA/div_6/vcofreq_1						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	812510016		812510016			
Min Limit	812489984		812489984			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	812499968.000	812499968.000	0.000	0.00%	0.00%
5	2	812499968.000	812499968.000	0.000	0.00%	0.00%
5	3	812499968.000	812499968.000	0.000	0.00%	0.00%
5	4	812499968.000	812500096.000	-128.000	0.00%	0.64%
5	5	812499968.000	812499968.000	0.000	0.00%	0.00%
10	6	812499968.000	812500096.000	-128.000	0.00%	0.64%
10	7	812500096.000	812499968.000	128.000	0.00%	0.64%
10	8	812499968.000	812500096.000	-128.000	0.00%	0.64%
10	9	812499968.000	812500096.000	-128.000	0.00%	0.64%
10	10	812500096.000	812499968.000	128.000	0.00%	0.64%
30	11	812499968.000	812499968.000	0.000	0.00%	0.00%
30	12	812499968.000	812499968.000	0.000	0.00%	0.00%
30	13	812499968.000	812499968.000	0.000	0.00%	0.00%
30	14	812500096.000	812500096.000	0.000	0.00%	0.00%
30	15	812500096.000	812500096.000	0.000	0.00%	0.00%
50	16	812500096.000	812500096.000	0.000	0.00%	0.00%
50	17	812500096.000	812499968.000	128.000	0.00%	0.64%
50	18	812499968.000	812499968.000	0.000	0.00%	0.00%
50	19	812499968.000	812500096.000	-128.000	0.00%	0.64%
50	20	812499968.000	812499968.000	0.000	0.00%	0.00%
100	21	812500096.000	812499968.000	128.000	0.00%	0.64%
100	22	812500096.000	812500096.000	0.000	0.00%	0.00%
100	23	812499968.000	812499968.000	0.000	0.00%	0.00%
100	24	812499968.000	812499968.000	0.000	0.00%	0.00%
100	25	812499968.000	812499968.000	0.000	0.00%	0.00%
150	26	812499968.000	812499968.000	0.000	0.00%	0.00%
150	27	812500096.000	812499968.000	128.000	0.00%	0.64%
150	28	812499968.000	812500096.000	-128.000	0.00%	0.64%
150	29	812499968.000	812499968.000	0.000	0.00%	0.00%
150	30	812500096.000	812499968.000	128.000	0.00%	0.64%
0	31	812500096.000	812500096.000	0.000	0.00%	0.00%
0	32	812499968.000	812499968.000	0.000	0.00%	0.00%
0	33	812500096.000	812500096.000	0.000	0.00%	0.00%
0	34	812499968.000	812499968.000	0.000	0.00%	0.00%
0	35	812500096.000	812500096.000	0.000	0.00%	0.00%
Max		812500096.000	812500096.000	128.000	0.00%	0.64%
Average		812500015.543	812500015.543	0.000	0.00%	0.22%
Min		812499968.000	812499968.000	-128.000	0.00%	0.00%
Std Dev		62.751	62.751	76.043	0.00%	0.31%

TID Report



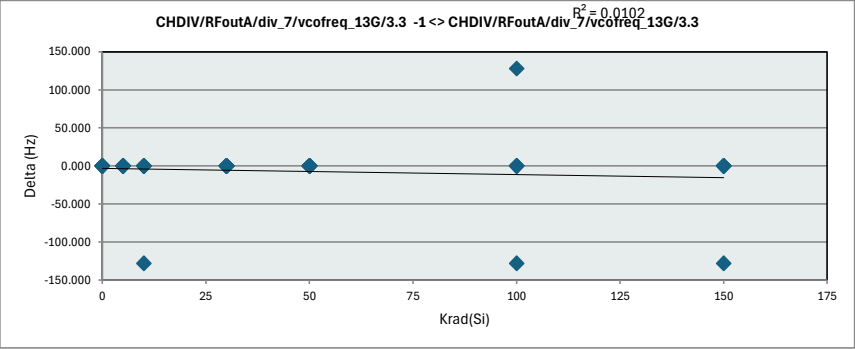
CHDIV/RFoutA/div_6/vcofreq							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	812510016		Hz				
Min Limit	812489984		Hz				
Krad(Si)	0	5	10	30	50	100	150
LL	812489984.000	812489984.000	812489984.000	812489984.000	812489984.000	812489984.000	812489984.000
Min	812499968.000	812499968.000	812499968.000	812499968.000	812499968.000	812499968.000	812499968.000
Average	812500044.800	812499993.600	812500044.800	812500019.200	812500019.200	812499993.600	812499993.600
Max	812500096.000	812500096.000	812500096.000	812500096.000	812500096.000	812500096.000	812500096.000
UL	812510016.000	812510016.000	812510016.000	812510016.000	812510016.000	812510016.000	812510016.000



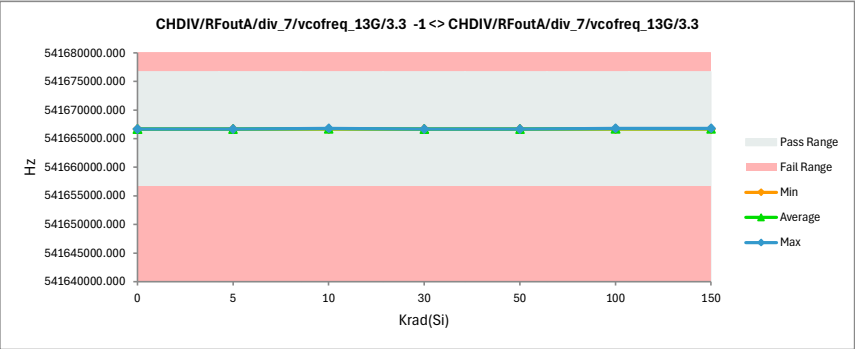
TID Report
5962R2321001PXE

CHDIV/RFoutA/div_7/vcofreq_1						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	541676672		541676672			
Min Limit	541656704		541656704			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	541666688.000	541666688.000	0.000	0.00%	0.00%
5	2	541666688.000	541666688.000	0.000	0.00%	0.00%
5	3	541666688.000	541666688.000	0.000	0.00%	0.00%
5	4	541666688.000	541666688.000	0.000	0.00%	0.00%
5	5	541666688.000	541666688.000	0.000	0.00%	0.00%
10	6	541666688.000	541666688.000	0.000	0.00%	0.00%
10	7	541666688.000	541666816.000	-128.000	0.00%	0.64%
10	8	541666688.000	541666688.000	0.000	0.00%	0.00%
10	9	541666688.000	541666688.000	0.000	0.00%	0.00%
10	10	541666688.000	541666688.000	0.000	0.00%	0.00%
30	11	541666688.000	541666688.000	0.000	0.00%	0.00%
30	12	541666688.000	541666688.000	0.000	0.00%	0.00%
30	13	541666688.000	541666688.000	0.000	0.00%	0.00%
30	14	541666688.000	541666688.000	0.000	0.00%	0.00%
30	15	541666688.000	541666688.000	0.000	0.00%	0.00%
50	16	541666688.000	541666688.000	0.000	0.00%	0.00%
50	17	541666688.000	541666688.000	0.000	0.00%	0.00%
50	18	541666688.000	541666688.000	0.000	0.00%	0.00%
50	19	541666688.000	541666688.000	0.000	0.00%	0.00%
50	20	541666688.000	541666688.000	0.000	0.00%	0.00%
100	21	541666688.000	541666688.000	0.000	0.00%	0.00%
100	22	541666688.000	541666816.000	-128.000	0.00%	0.64%
100	23	541666688.000	541666688.000	0.000	0.00%	0.00%
100	24	541666816.000	541666688.000	128.000	0.00%	0.64%
100	25	541666688.000	541666688.000	0.000	0.00%	0.00%
150	26	541666688.000	541666688.000	0.000	0.00%	0.00%
150	27	541666688.000	541666816.000	-128.000	0.00%	0.64%
150	28	541666688.000	541666688.000	0.000	0.00%	0.00%
150	29	541666688.000	541666688.000	0.000	0.00%	0.00%
150	30	541666688.000	541666688.000	0.000	0.00%	0.00%
0	31	541666688.000	541666688.000	0.000	0.00%	0.00%
0	32	541666688.000	541666688.000	0.000	0.00%	0.00%
0	33	541666688.000	541666688.000	0.000	0.00%	0.00%
0	34	541666688.000	541666688.000	0.000	0.00%	0.00%
0	35	541666688.000	541666688.000	0.000	0.00%	0.00%
Max		541666816.000	541666816.000	128.000	0.00%	0.64%
Average		541666691.657	541666698.971	-7.314	0.00%	0.07%
Min		541666688.000	541666688.000	-128.000	0.00%	0.00%
Std Dev		21.636	36.356	43.272	0.00%	0.21%

TID Report



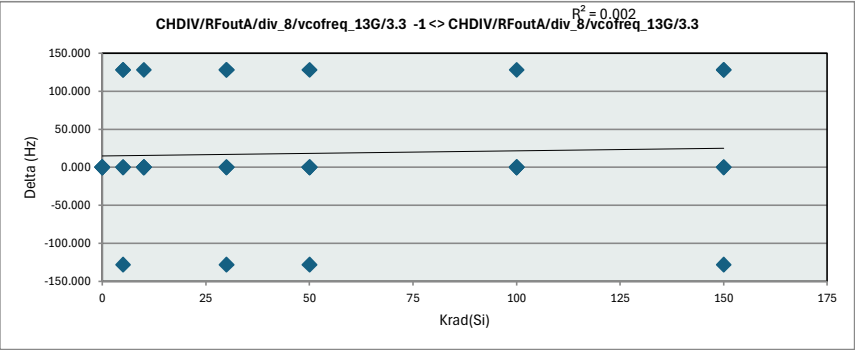
CHDIV/RFoutA/div_7/vcofreq							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	541676672 Hz						
Min Limit	541656704 Hz						
Krad(Si)	0	5	10	30	50	100	150
LL	541656704.000	541656704.000	541656704.000	541656704.000	541656704.000	541656704.000	541656704.000
Min	541666688.000	541666688.000	541666688.000	541666688.000	541666688.000	541666688.000	541666688.000
Average	541666688.000	541666688.000	541666713.600	541666688.000	541666688.000	541666713.600	541666713.600
Max	541666688.000	541666688.000	541666816.000	541666688.000	541666688.000	541666816.000	541666816.000
UL	541676672.000	541676672.000	541676672.000	541676672.000	541676672.000	541676672.000	541676672.000



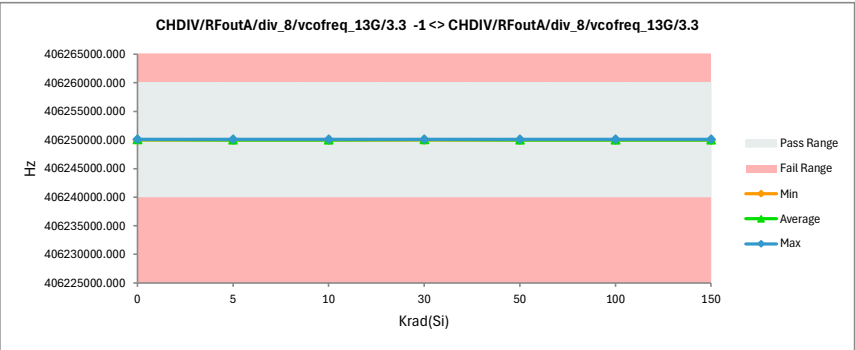
TID Report
5962R2321001PXE

CHDIV/RFoutA/div_8/vcofreq_1						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	406260000		406260000			
Min Limit	406240000		406240000			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	406249984.000	406249984.000	0.000	0.00%	0.00%
5	2	406250112.000	406250112.000	0.000	0.00%	0.00%
5	3	406250112.000	406249984.000	128.000	0.00%	0.64%
5	4	406249984.000	406250112.000	-128.000	0.00%	0.64%
5	5	406250112.000	406249984.000	128.000	0.00%	0.64%
10	6	406249984.000	406249984.000	0.000	0.00%	0.00%
10	7	406250112.000	406249984.000	128.000	0.00%	0.64%
10	8	406250112.000	406250112.000	0.000	0.00%	0.00%
10	9	406249984.000	406249984.000	0.000	0.00%	0.00%
10	10	406249984.000	406249984.000	0.000	0.00%	0.00%
30	11	406250112.000	406250112.000	0.000	0.00%	0.00%
30	12	406250112.000	406249984.000	128.000	0.00%	0.64%
30	13	406250112.000	406249984.000	128.000	0.00%	0.64%
30	14	406249984.000	406250112.000	-128.000	0.00%	0.64%
30	15	406250112.000	406250112.000	0.000	0.00%	0.00%
50	16	406250112.000	406250112.000	0.000	0.00%	0.00%
50	17	406249984.000	406250112.000	-128.000	0.00%	0.64%
50	18	406249984.000	406249984.000	0.000	0.00%	0.00%
50	19	406250112.000	406249984.000	128.000	0.00%	0.64%
50	20	406249984.000	406249984.000	0.000	0.00%	0.00%
100	21	406249984.000	406249984.000	0.000	0.00%	0.00%
100	22	406249984.000	406249984.000	0.000	0.00%	0.00%
100	23	406249984.000	406249984.000	0.000	0.00%	0.00%
100	24	406250112.000	406249984.000	128.000	0.00%	0.64%
100	25	406250112.000	406250112.000	0.000	0.00%	0.00%
150	26	406249984.000	406250112.000	-128.000	0.00%	0.64%
150	27	406249984.000	406249984.000	0.000	0.00%	0.00%
150	28	406250112.000	406250112.000	0.000	0.00%	0.00%
150	29	406250112.000	406249984.000	128.000	0.00%	0.64%
150	30	406250112.000	406249984.000	128.000	0.00%	0.64%
0	31	406250112.000	406250112.000	0.000	0.00%	0.00%
0	32	406250112.000	406250112.000	0.000	0.00%	0.00%
0	33	406250112.000	406250112.000	0.000	0.00%	0.00%
0	34	406249984.000	406249984.000	0.000	0.00%	0.00%
0	35	406250112.000	406250112.000	0.000	0.00%	0.00%
Max		406250112.000	406250112.000	128.000	0.00%	0.64%
Average		406250057.143	406250038.857	18.286	0.00%	0.24%
Min		406249984.000	406249984.000	-128.000	0.00%	0.00%
Std Dev		64.268	64.268	76.943	0.00%	0.31%

TID Report



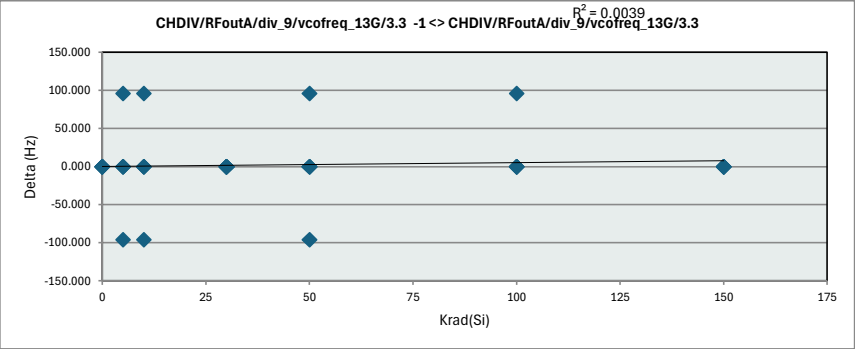
CHDIV/RFoutA/div_8/vcofreq							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	406260000 Hz						
Min Limit	406240000 Hz						
Krad(Si)	0	5	10	30	50	100	150
LL	406240000.000	406240000.000	406240000.000	406240000.000	406240000.000	406240000.000	406240000.000
Min	406249984.000	406249984.000	406249984.000	406249984.000	406249984.000	406249984.000	406249984.000
Average	406250086.400	406250035.200	406250009.600	406250060.800	406250035.200	406250009.600	406250035.200
Max	406250112.000	406250112.000	406250112.000	406250112.000	406250112.000	406250112.000	406250112.000
UL	406260000.000	406260000.000	406260000.000	406260000.000	406260000.000	406260000.000	406260000.000



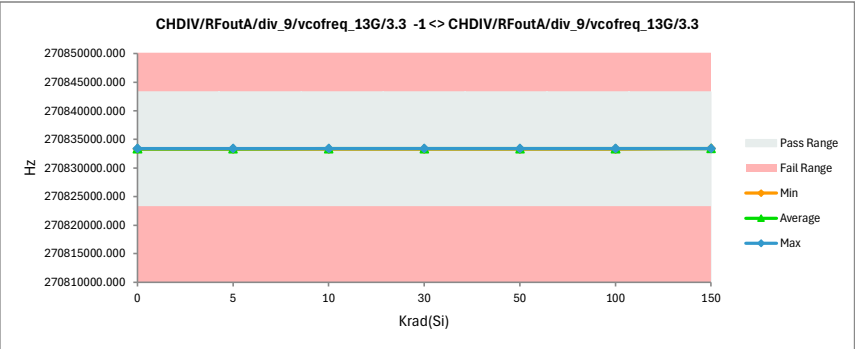
TID Report
5962R2321001PXE

CHDIV/RFoutA/div_9/vcofreq_1						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	270843296		270843296			
Min Limit	270823296		270823296			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	270833408.000	270833408.000	0.000	0.00%	0.00%
5	2	270833408.000	270833312.000	96.000	0.00%	0.48%
5	3	270833312.000	270833312.000	0.000	0.00%	0.00%
5	4	270833312.000	270833408.000	-96.000	0.00%	0.48%
5	5	270833408.000	270833408.000	0.000	0.00%	0.00%
10	6	270833408.000	270833408.000	0.000	0.00%	0.00%
10	7	270833312.000	270833408.000	-96.000	0.00%	0.48%
10	8	270833408.000	270833408.000	0.000	0.00%	0.00%
10	9	270833408.000	270833312.000	96.000	0.00%	0.48%
10	10	270833408.000	270833408.000	0.000	0.00%	0.00%
30	11	270833408.000	270833408.000	0.000	0.00%	0.00%
30	12	270833312.000	270833312.000	0.000	0.00%	0.00%
30	13	270833408.000	270833408.000	0.000	0.00%	0.00%
30	14	270833408.000	270833408.000	0.000	0.00%	0.00%
30	15	270833408.000	270833408.000	0.000	0.00%	0.00%
50	16	270833408.000	270833408.000	0.000	0.00%	0.00%
50	17	270833408.000	270833312.000	96.000	0.00%	0.48%
50	18	270833408.000	270833408.000	0.000	0.00%	0.00%
50	19	270833408.000	270833408.000	0.000	0.00%	0.00%
50	20	270833312.000	270833408.000	-96.000	0.00%	0.48%
100	21	270833408.000	270833408.000	0.000	0.00%	0.00%
100	22	270833408.000	270833312.000	96.000	0.00%	0.48%
100	23	270833408.000	270833408.000	0.000	0.00%	0.00%
100	24	270833408.000	270833408.000	0.000	0.00%	0.00%
100	25	270833408.000	270833408.000	0.000	0.00%	0.00%
150	26	270833408.000	270833408.000	0.000	0.00%	0.00%
150	27	270833408.000	270833408.000	0.000	0.00%	0.00%
150	28	270833408.000	270833408.000	0.000	0.00%	0.00%
150	29	270833408.000	270833408.000	0.000	0.00%	0.00%
150	30	270833408.000	270833408.000	0.000	0.00%	0.00%
0	31	270833408.000	270833408.000	0.000	0.00%	0.00%
0	32	270833408.000	270833408.000	0.000	0.00%	0.00%
0	33	270833312.000	270833312.000	0.000	0.00%	0.00%
0	34	270833408.000	270833408.000	0.000	0.00%	0.00%
0	35	270833312.000	270833312.000	0.000	0.00%	0.00%
Max		270833408.000	270833408.000	96.000	0.00%	0.48%
Average		270833388.800	270833386.057	2.743	0.00%	0.10%
Min		270833312.000	270833312.000	-96.000	0.00%	0.00%
Std Dev		38.961	40.900	43.470	0.00%	0.19%

TID Report



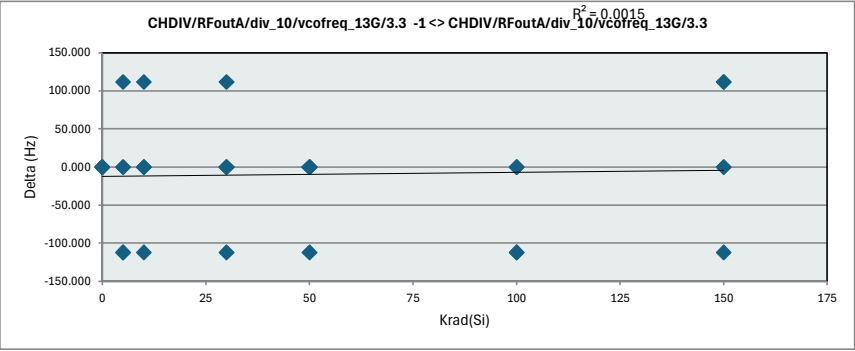
CHDIV/RFoutA/div_9/vcofreq							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	270843296		Hz				
Min Limit	270823296		Hz				
Krad(Si)	0	5	10	30	50	100	150
LL	270823296.000	270823296.000	270823296.000	270823296.000	270823296.000	270823296.000	270823296.000
Min	270833312.000	270833312.000	270833312.000	270833312.000	270833312.000	270833312.000	270833408.000
Average	270833369.600	270833369.600	270833388.800	270833388.800	270833388.800	270833388.800	270833408.000
Max	270833408.000	270833408.000	270833408.000	270833408.000	270833408.000	270833408.000	270833408.000
UL	270843296.000	270843296.000	270843296.000	270843296.000	270843296.000	270843296.000	270843296.000



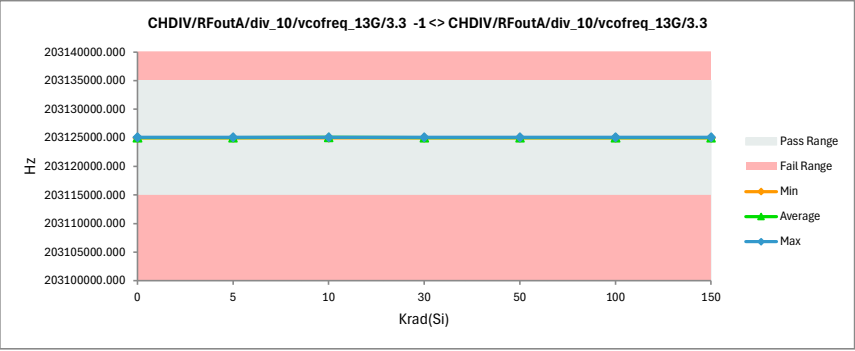
TID Report
5962R2321001PXE

		CHDIV/RFoutA/div_10/vcofreq				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		Hz	Hz			
Max Limit		203135008	203135008			
Min Limit		203115008	203115008			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	203124992.000	203124992.000	0.000	0.00%	0.00%
5	2	203124992.000	203125104.000	-112.000	0.00%	0.56%
5	3	203125104.000	203124992.000	112.000	0.00%	0.56%
5	4	203124992.000	203125104.000	-112.000	0.00%	0.56%
5	5	203124992.000	203124992.000	0.000	0.00%	0.00%
10	6	203125104.000	203125104.000	0.000	0.00%	0.00%
10	7	203125104.000	203124992.000	112.000	0.00%	0.56%
10	8	203125104.000	203125104.000	0.000	0.00%	0.00%
10	9	203124992.000	203125104.000	-112.000	0.00%	0.56%
10	10	203125104.000	203125104.000	0.000	0.00%	0.00%
30	11	203124992.000	203125104.000	-112.000	0.00%	0.56%
30	12	203125104.000	203124992.000	112.000	0.00%	0.56%
30	13	203124992.000	203124992.000	0.000	0.00%	0.00%
30	14	203124992.000	203124992.000	0.000	0.00%	0.00%
30	15	203124992.000	203124992.000	0.000	0.00%	0.00%
50	16	203124992.000	203125104.000	-112.000	0.00%	0.56%
50	17	203124992.000	203124992.000	0.000	0.00%	0.00%
50	18	203124992.000	203124992.000	0.000	0.00%	0.00%
50	19	203124992.000	203124992.000	0.000	0.00%	0.00%
50	20	203124992.000	203124992.000	0.000	0.00%	0.00%
100	21	203124992.000	203124992.000	0.000	0.00%	0.00%
100	22	203124992.000	203125104.000	-112.000	0.00%	0.56%
100	23	203124992.000	203125104.000	-112.000	0.00%	0.56%
100	24	203124992.000	203124992.000	0.000	0.00%	0.00%
100	25	203124992.000	203124992.000	0.000	0.00%	0.00%
150	26	203125104.000	203124992.000	112.000	0.00%	0.56%
150	27	203124992.000	203124992.000	0.000	0.00%	0.00%
150	28	203124992.000	203125104.000	-112.000	0.00%	0.56%
150	29	203125104.000	203124992.000	112.000	0.00%	0.56%
150	30	203125104.000	203125104.000	0.000	0.00%	0.00%
0	31	203124992.000	203124992.000	0.000	0.00%	0.00%
0	32	203124992.000	203124992.000	0.000	0.00%	0.00%
0	33	203124992.000	203124992.000	0.000	0.00%	0.00%
0	34	203125104.000	203125104.000	0.000	0.00%	0.00%
0	35	203124992.000	203124992.000	0.000	0.00%	0.00%
Max		203125104.000	203125104.000	112.000	0.00%	0.56%
Average		203125024.000	203125033.600	-9.600	0.00%	0.21%
Min		203124992.000	203124992.000	-112.000	0.00%	0.00%
Std Dev		51.335	54.907	68.566	0.00%	0.27%

TID Report



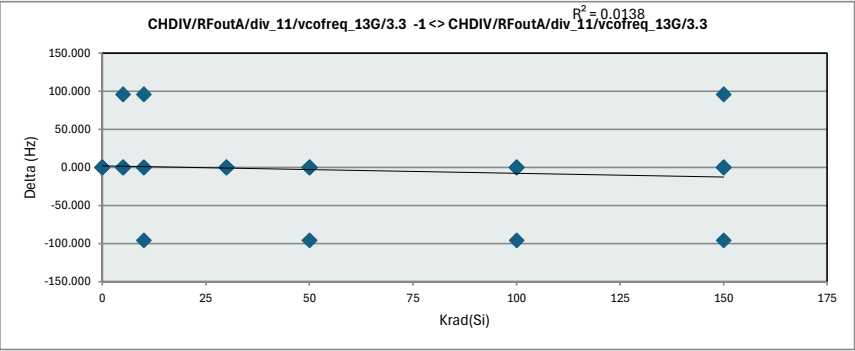
	CHDIV/RFoutA/div_10/vcofreq						
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	203135008		Hz				
Min Limit	203115008		Hz				
Krad(Si)	0	5	10	30	50	100	150
LL	203115008.000	203115008.000	203115008.000	203115008.000	203115008.000	203115008.000	203115008.000
Min	203124992.000	203124992.000	203124992.000	203124992.000	203124992.000	203124992.000	203124992.000
Average	203125014.400	203125036.800	203125081.600	203125014.400	203125014.400	203125036.800	203125036.800
Max	203125104.000	203125104.000	203125104.000	203125104.000	203125104.000	203125104.000	203125104.000
UL	203135008.000	203135008.000	203135008.000	203135008.000	203135008.000	203135008.000	203135008.000



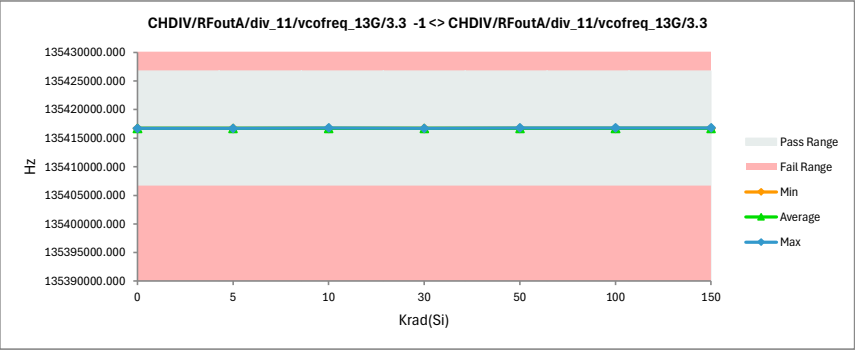
TID Report
5962R2321001PXE

		CHDIV/RFoutA/div_11/vcofreq				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		Hz	Hz			
Max Limit		135426704	135426704			
Min Limit		135406704	135406704			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	135416704.000	135416704.000	0.000	0.00%	0.00%
5	2	135416704.000	135416704.000	0.000	0.00%	0.00%
5	3	135416704.000	135416704.000	0.000	0.00%	0.00%
5	4	135416704.000	135416704.000	0.000	0.00%	0.00%
5	5	135416800.000	135416704.000	96.000	0.00%	0.48%
10	6	135416704.000	135416704.000	0.000	0.00%	0.00%
10	7	135416704.000	135416800.000	-96.000	0.00%	0.48%
10	8	135416800.000	135416704.000	96.000	0.00%	0.48%
10	9	135416704.000	135416704.000	0.000	0.00%	0.00%
10	10	135416704.000	135416704.000	0.000	0.00%	0.00%
30	11	135416704.000	135416704.000	0.000	0.00%	0.00%
30	12	135416704.000	135416704.000	0.000	0.00%	0.00%
30	13	135416704.000	135416704.000	0.000	0.00%	0.00%
30	14	135416704.000	135416704.000	0.000	0.00%	0.00%
30	15	135416704.000	135416704.000	0.000	0.00%	0.00%
50	16	135416704.000	135416704.000	0.000	0.00%	0.00%
50	17	135416704.000	135416800.000	-96.000	0.00%	0.48%
50	18	135416704.000	135416704.000	0.000	0.00%	0.00%
50	19	135416704.000	135416704.000	0.000	0.00%	0.00%
50	20	135416704.000	135416704.000	0.000	0.00%	0.00%
100	21	135416704.000	135416704.000	0.000	0.00%	0.00%
100	22	135416704.000	135416800.000	-96.000	0.00%	0.48%
100	23	135416704.000	135416704.000	0.000	0.00%	0.00%
100	24	135416704.000	135416704.000	0.000	0.00%	0.00%
100	25	135416704.000	135416704.000	0.000	0.00%	0.00%
150	26	135416704.000	135416704.000	0.000	0.00%	0.00%
150	27	135416704.000	135416704.000	0.000	0.00%	0.00%
150	28	135416704.000	135416704.000	0.000	0.00%	0.00%
150	29	135416704.000	135416800.000	-96.000	0.00%	0.48%
150	30	135416800.000	135416704.000	96.000	0.00%	0.48%
0	31	135416704.000	135416704.000	0.000	0.00%	0.00%
0	32	135416704.000	135416704.000	0.000	0.00%	0.00%
0	33	135416704.000	135416704.000	0.000	0.00%	0.00%
0	34	135416704.000	135416704.000	0.000	0.00%	0.00%
0	35	135416704.000	135416704.000	0.000	0.00%	0.00%
Max		135416800.000	135416800.000	96.000	0.00%	0.48%
Average		135416712.229	135416714.971	-2.743	0.00%	0.10%
Min		135416704.000	135416704.000	-96.000	0.00%	0.00%
Std Dev		27.267	30.989	43.470	0.00%	0.19%

TID Report



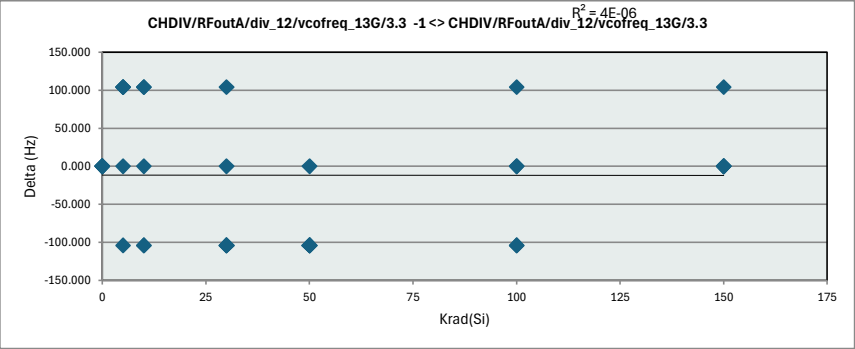
		CHDIV/RFoutA/div_11/vcofreq						
Test Site		CLAB						
Tester		UFLEX+02						
Test Number		PF365800						
Max Limit		135426704	Hz					
Min Limit		135406704	Hz					
Krad(Si)		0	5	10	30	50	100	150
LL		135406704.000	135406704.000	135406704.000	135406704.000	135406704.000	135406704.000	135406704.000
Min		135416704.000	135416704.000	135416704.000	135416704.000	135416704.000	135416704.000	135416704.000
Average		135416704.000	135416704.000	135416723.200	135416704.000	135416723.200	135416723.200	135416723.200
Max		135416704.000	135416704.000	135416800.000	135416704.000	135416800.000	135416800.000	135416800.000
UL		135426704.000	135426704.000	135426704.000	135426704.000	135426704.000	135426704.000	135426704.000



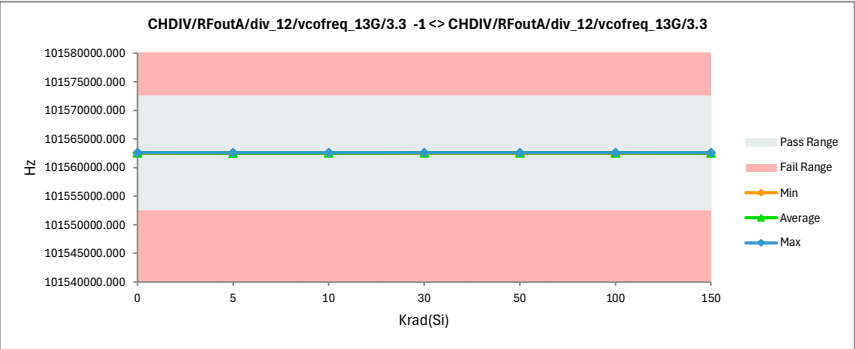
TID Report
5962R2321001PXE

		CHDIV/RFoutA/div_12/vcofreq				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		Hz	Hz			
Max Limit		101572496	101572496			
Min Limit		101552496	101552496			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	101562496.000	101562600.000	-104.000	0.00%	0.52%
5	2	101562600.000	101562496.000	104.000	0.00%	0.52%
5	3	101562496.000	101562496.000	0.000	0.00%	0.00%
5	4	101562600.000	101562496.000	104.000	0.00%	0.52%
5	5	101562600.000	101562496.000	104.000	0.00%	0.52%
10	6	101562496.000	101562496.000	0.000	0.00%	0.00%
10	7	101562496.000	101562600.000	-104.000	0.00%	0.52%
10	8	101562496.000	101562600.000	-104.000	0.00%	0.52%
10	9	101562600.000	101562496.000	104.000	0.00%	0.52%
10	10	101562600.000	101562496.000	104.000	0.00%	0.52%
30	11	101562496.000	101562496.000	0.000	0.00%	0.00%
30	12	101562496.000	101562600.000	-104.000	0.00%	0.52%
30	13	101562496.000	101562600.000	-104.000	0.00%	0.52%
30	14	101562496.000	101562600.000	-104.000	0.00%	0.52%
30	15	101562600.000	101562496.000	104.000	0.00%	0.52%
50	16	101562496.000	101562600.000	-104.000	0.00%	0.52%
50	17	101562496.000	101562600.000	-104.000	0.00%	0.52%
50	18	101562496.000	101562600.000	-104.000	0.00%	0.52%
50	19	101562496.000	101562496.000	0.000	0.00%	0.00%
50	20	101562496.000	101562600.000	-104.000	0.00%	0.52%
100	21	101562600.000	101562496.000	104.000	0.00%	0.52%
100	22	101562496.000	101562600.000	-104.000	0.00%	0.52%
100	23	101562600.000	101562600.000	0.000	0.00%	0.00%
100	24	101562600.000	101562600.000	0.000	0.00%	0.00%
100	25	101562496.000	101562600.000	-104.000	0.00%	0.52%
150	26	101562600.000	101562600.000	0.000	0.00%	0.00%
150	27	101562600.000	101562600.000	0.000	0.00%	0.00%
150	28	101562496.000	101562496.000	0.000	0.00%	0.00%
150	29	101562600.000	101562496.000	104.000	0.00%	0.52%
150	30	101562496.000	101562496.000	0.000	0.00%	0.00%
0	31	101562600.000	101562600.000	0.000	0.00%	0.00%
0	32	101562496.000	101562496.000	0.000	0.00%	0.00%
0	33	101562600.000	101562600.000	0.000	0.00%	0.00%
0	34	101562600.000	101562600.000	0.000	0.00%	0.00%
0	35	101562496.000	101562496.000	0.000	0.00%	0.00%
Max		101562600.000	101562600.000	104.000	0.00%	0.52%
Average		101562540.571	101562552.457	-11.886	0.00%	0.30%
Min		101562496.000	101562496.000	-104.000	0.00%	0.00%
Std Dev		52.218	52.565	78.847	0.00%	0.26%

TID Report



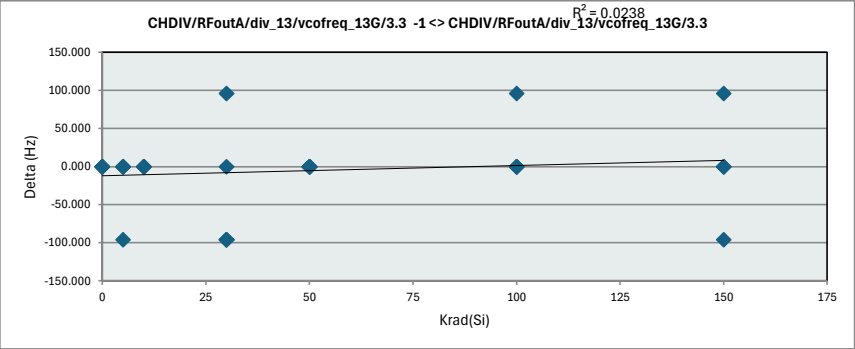
		CHDIV/RFoutA/div_12/vcofreq						
Test Site		CLAB						
Tester		UFLEX+02						
Test Number		PF365800						
Max Limit		101572496	Hz					
Min Limit		101552496	Hz					
Krad(Si)		0	5	10	30	50	100	150
LL		101552496.000	101552496.000	101552496.000	101552496.000	101552496.000	101552496.000	101552496.000
Min		101562496.000	101562496.000	101562496.000	101562496.000	101562496.000	101562496.000	101562496.000
Average		101562558.400	101562516.800	101562537.600	101562558.400	101562579.200	101562579.200	101562537.600
Max		101562600.000	101562600.000	101562600.000	101562600.000	101562600.000	101562600.000	101562600.000
UL		101572496.000	101572496.000	101572496.000	101572496.000	101572496.000	101572496.000	101572496.000



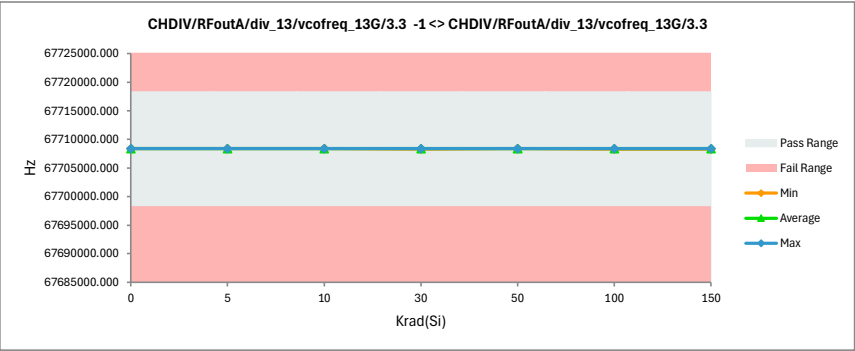
TID Report
5962R2321001PXE

		CHDIV/RFoutA/div_13/vcofreq				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		Hz	Hz			
Max Limit		67718304	67718304			
Min Limit		67698304	67698304			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	67708400.000	67708400.000	0.000	0.00%	0.00%
5	2	67708400.000	67708400.000	0.000	0.00%	0.00%
5	3	67708400.000	67708400.000	0.000	0.00%	0.00%
5	4	67708400.000	67708400.000	0.000	0.00%	0.00%
5	5	67708304.000	67708400.000	-96.000	0.00%	0.48%
10	6	67708400.000	67708400.000	0.000	0.00%	0.00%
10	7	67708400.000	67708400.000	0.000	0.00%	0.00%
10	8	67708400.000	67708400.000	0.000	0.00%	0.00%
10	9	67708400.000	67708400.000	0.000	0.00%	0.00%
10	10	67708400.000	67708400.000	0.000	0.00%	0.00%
30	11	67708304.000	67708400.000	-96.000	0.00%	0.48%
30	12	67708304.000	67708400.000	-96.000	0.00%	0.48%
30	13	67708400.000	67708304.000	96.000	0.00%	0.48%
30	14	67708400.000	67708400.000	0.000	0.00%	0.00%
30	15	67708304.000	67708400.000	-96.000	0.00%	0.48%
50	16	67708400.000	67708400.000	0.000	0.00%	0.00%
50	17	67708400.000	67708400.000	0.000	0.00%	0.00%
50	18	67708400.000	67708400.000	0.000	0.00%	0.00%
50	19	67708400.000	67708400.000	0.000	0.00%	0.00%
50	20	67708400.000	67708400.000	0.000	0.00%	0.00%
100	21	67708400.000	67708400.000	0.000	0.00%	0.00%
100	22	67708400.000	67708400.000	0.000	0.00%	0.00%
100	23	67708400.000	67708400.000	0.000	0.00%	0.00%
100	24	67708400.000	67708304.000	96.000	0.00%	0.48%
100	25	67708400.000	67708400.000	0.000	0.00%	0.00%
150	26	67708400.000	67708304.000	96.000	0.00%	0.48%
150	27	67708400.000	67708400.000	0.000	0.00%	0.00%
150	28	67708400.000	67708400.000	0.000	0.00%	0.00%
150	29	67708400.000	67708400.000	0.000	0.00%	0.00%
150	30	67708304.000	67708400.000	-96.000	0.00%	0.48%
0	31	67708400.000	67708400.000	0.000	0.00%	0.00%
0	32	67708400.000	67708400.000	0.000	0.00%	0.00%
0	33	67708400.000	67708400.000	0.000	0.00%	0.00%
0	34	67708400.000	67708400.000	0.000	0.00%	0.00%
0	35	67708400.000	67708400.000	0.000	0.00%	0.00%
Max		67708400.000	67708400.000	96.000	0.00%	0.48%
Average		67708386.286	67708391.771	-5.486	0.00%	0.11%
Min		67708304.000	67708304.000	-96.000	0.00%	0.00%
Std Dev		34.083	27.267	46.233	0.00%	0.20%

TID Report

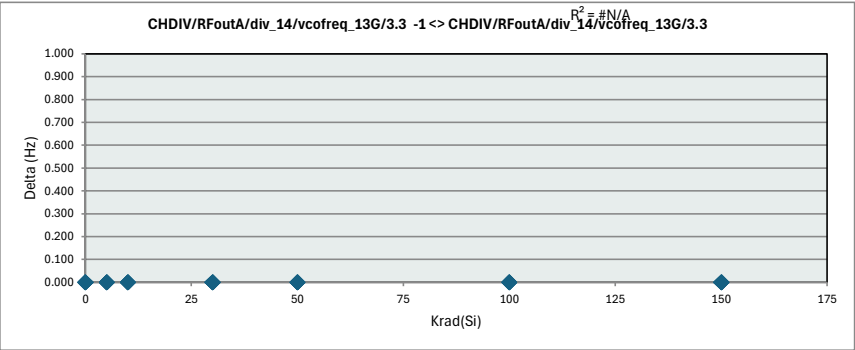


		CHDIV/RFoutA/div_13/vcofreq								
Test Site		CLAB	CLAB							
Tester		UFLEX+02	UFLEX+02							
Test Number		PF365800	PF365800							
Max Limit		67718304	Hz							
Min Limit		67698304	Hz							
Krad(Si)		0	5	10	30	50	100	150		
LL		67698304.000	67698304.000	67698304.000	67698304.000	67698304.000	67698304.000	67698304.000		
Min		67708400.000	67708400.000	67708400.000	67708304.000	67708400.000	67708304.000	67708304.000		
Average		67708400.000	67708400.000	67708400.000	67708380.800	67708400.000	67708380.800	67708380.800		
Max		67708400.000	67708400.000	67708400.000	67708400.000	67708400.000	67708400.000	67708400.000		
UL		67718304.000	67718304.000	67718304.000	67718304.000	67718304.000	67718304.000	67718304.000		

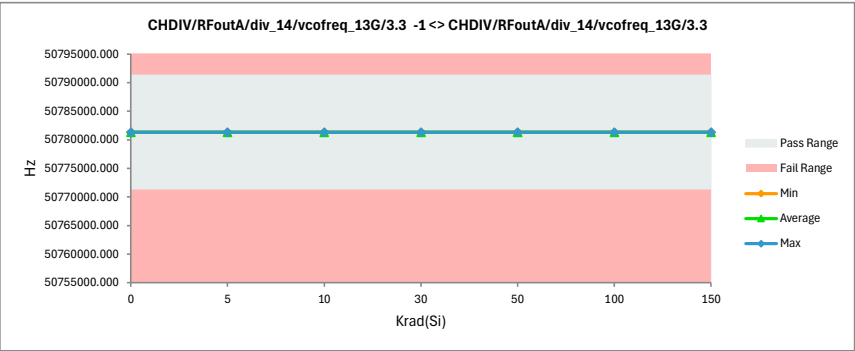


TID Report
5962R2321001PXE

CHDIV/RFoutA/div_14/vcofreq						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	50791300		50791300			
Min Limit	50771300		50771300			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	50781300.000	50781300.000	0.000	0.00%	0.00%
5	2	50781300.000	50781300.000	0.000	0.00%	0.00%
5	3	50781300.000	50781300.000	0.000	0.00%	0.00%
5	4	50781300.000	50781300.000	0.000	0.00%	0.00%
5	5	50781300.000	50781300.000	0.000	0.00%	0.00%
10	6	50781300.000	50781300.000	0.000	0.00%	0.00%
10	7	50781300.000	50781300.000	0.000	0.00%	0.00%
10	8	50781300.000	50781300.000	0.000	0.00%	0.00%
10	9	50781300.000	50781300.000	0.000	0.00%	0.00%
10	10	50781300.000	50781300.000	0.000	0.00%	0.00%
30	11	50781300.000	50781300.000	0.000	0.00%	0.00%
30	12	50781300.000	50781300.000	0.000	0.00%	0.00%
30	13	50781300.000	50781300.000	0.000	0.00%	0.00%
30	14	50781300.000	50781300.000	0.000	0.00%	0.00%
30	15	50781300.000	50781300.000	0.000	0.00%	0.00%
50	16	50781300.000	50781300.000	0.000	0.00%	0.00%
50	17	50781300.000	50781300.000	0.000	0.00%	0.00%
50	18	50781300.000	50781300.000	0.000	0.00%	0.00%
50	19	50781300.000	50781300.000	0.000	0.00%	0.00%
50	20	50781300.000	50781300.000	0.000	0.00%	0.00%
100	21	50781300.000	50781300.000	0.000	0.00%	0.00%
100	22	50781300.000	50781300.000	0.000	0.00%	0.00%
100	23	50781300.000	50781300.000	0.000	0.00%	0.00%
100	24	50781300.000	50781300.000	0.000	0.00%	0.00%
100	25	50781300.000	50781300.000	0.000	0.00%	0.00%
150	26	50781300.000	50781300.000	0.000	0.00%	0.00%
150	27	50781300.000	50781300.000	0.000	0.00%	0.00%
150	28	50781300.000	50781300.000	0.000	0.00%	0.00%
150	29	50781300.000	50781300.000	0.000	0.00%	0.00%
150	30	50781300.000	50781300.000	0.000	0.00%	0.00%
0	31	50781300.000	50781300.000	0.000	0.00%	0.00%
0	32	50781300.000	50781300.000	0.000	0.00%	0.00%
0	33	50781300.000	50781300.000	0.000	0.00%	0.00%
0	34	50781300.000	50781300.000	0.000	0.00%	0.00%
0	35	50781300.000	50781300.000	0.000	0.00%	0.00%
Max		50781300.000	50781300.000	0.000	0.00%	0.00%
Average		50781300.000	50781300.000	0.000	0.00%	0.00%
Min		50781300.000	50781300.000	0.000	0.00%	0.00%
Std Dev		0.000	0.000	0.000	0.00%	0.00%



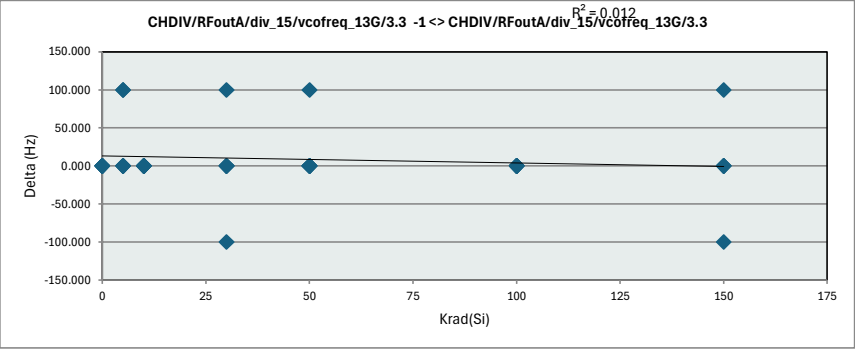
CHDIV/RFoutA/div_14/vcofreq							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	50791300 Hz						
Min Limit	50771300 Hz						
Krad(Si)	0	5	10	30	50	100	150
LL	50771300.000	50771300.000	50771300.000	50771300.000	50771300.000	50771300.000	50771300.000
Min	50781300.000	50781300.000	50781300.000	50781300.000	50781300.000	50781300.000	50781300.000
Average	50781300.000	50781300.000	50781300.000	50781300.000	50781300.000	50781300.000	50781300.000
Max	50781300.000	50781300.000	50781300.000	50781300.000	50781300.000	50781300.000	50781300.000
UL	50791300.000	50791300.000	50791300.000	50791300.000	50791300.000	50791300.000	50791300.000



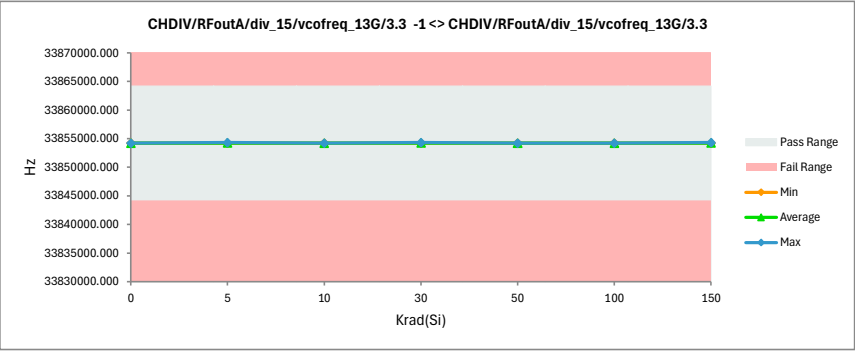
TID Report
5962R2321001PXE

CHDIV/RFoutA/div_15/vcofreq						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	33864200		33864200			
Min Limit	33844200		33844200			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	33854200.000	33854200.000	0.000	0.00%	0.00%
5	2	33854300.000	33854300.000	0.000	0.00%	0.00%
5	3	33854200.000	33854200.000	0.000	0.00%	0.00%
5	4	33854300.000	33854200.000	100.000	0.00%	0.50%
5	5	33854300.000	33854200.000	100.000	0.00%	0.50%
10	6	33854200.000	33854200.000	0.000	0.00%	0.00%
10	7	33854200.000	33854200.000	0.000	0.00%	0.00%
10	8	33854200.000	33854200.000	0.000	0.00%	0.00%
10	9	33854200.000	33854200.000	0.000	0.00%	0.00%
10	10	33854200.000	33854200.000	0.000	0.00%	0.00%
30	11	33854300.000	33854300.000	0.000	0.00%	0.00%
30	12	33854200.000	33854200.000	0.000	0.00%	0.00%
30	13	33854300.000	33854200.000	100.000	0.00%	0.50%
30	14	33854200.000	33854300.000	-100.000	0.00%	0.50%
30	15	33854200.000	33854200.000	0.000	0.00%	0.00%
50	16	33854200.000	33854200.000	0.000	0.00%	0.00%
50	17	33854300.000	33854200.000	100.000	0.00%	0.50%
50	18	33854200.000	33854200.000	0.000	0.00%	0.00%
50	19	33854200.000	33854200.000	0.000	0.00%	0.00%
50	20	33854200.000	33854200.000	0.000	0.00%	0.00%
100	21	33854200.000	33854200.000	0.000	0.00%	0.00%
100	22	33854200.000	33854200.000	0.000	0.00%	0.00%
100	23	33854200.000	33854200.000	0.000	0.00%	0.00%
100	24	33854200.000	33854200.000	0.000	0.00%	0.00%
100	25	33854200.000	33854200.000	0.000	0.00%	0.00%
150	26	33854200.000	33854200.000	0.000	0.00%	0.00%
150	27	33854200.000	33854200.000	0.000	0.00%	0.00%
150	28	33854200.000	33854300.000	-100.000	0.00%	0.50%
150	29	33854200.000	33854200.000	0.000	0.00%	0.00%
150	30	33854300.000	33854200.000	100.000	0.00%	0.50%
0	31	33854200.000	33854200.000	0.000	0.00%	0.00%
0	32	33854200.000	33854200.000	0.000	0.00%	0.00%
0	33	33854200.000	33854200.000	0.000	0.00%	0.00%
0	34	33854200.000	33854200.000	0.000	0.00%	0.00%
0	35	33854200.000	33854200.000	0.000	0.00%	0.00%
Max		33854300.000	33854300.000	100.000	0.00%	0.50%
Average		33854220.000	33854211.429	8.571	0.00%	0.10%
Min		33854200.000	33854200.000	-100.000	0.00%	0.00%
Std Dev		40.584	32.280	44.533	0.00%	0.20%

TID Report



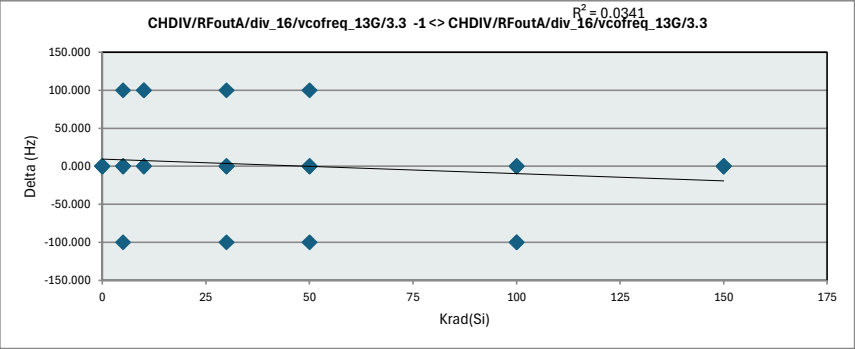
CHDIV/RFoutA/div_15/vcofreq							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	33864200 Hz						
Min Limit	33844200 Hz						
Krad(Si)	0	5	10	30	50	100	150
LL	33844200.000	33844200.000	33844200.000	33844200.000	33844200.000	33844200.000	33844200.000
Min	33854200.000	33854200.000	33854200.000	33854200.000	33854200.000	33854200.000	33854200.000
Average	33854200.000	33854220.000	33854200.000	33854240.000	33854200.000	33854200.000	33854220.000
Max	33854200.000	33854300.000	33854200.000	33854300.000	33854200.000	33854200.000	33854300.000
UL	33864200.000	33864200.000	33864200.000	33864200.000	33864200.000	33864200.000	33864200.000



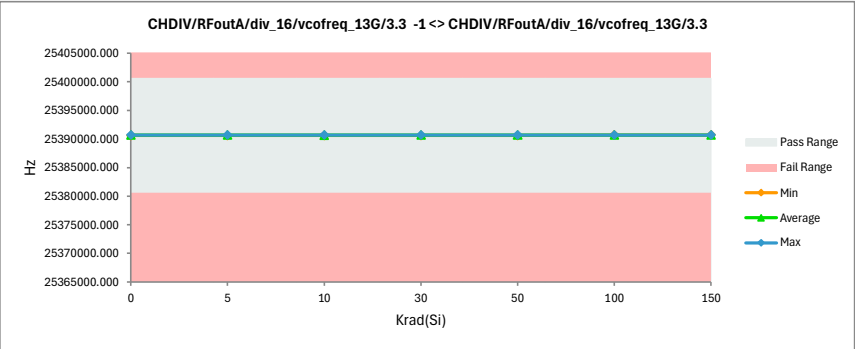
TID Report
5962R2321001PXE

CHDIV/RFoutA/div_16/vcofreq						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	25400600		25400600			
Min Limit	25380600		25380600			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	25390700.000	25390700.000	0.000	0.00%	0.00%
5	2	25390600.000	25390700.000	-100.000	0.00%	0.50%
5	3	25390700.000	25390700.000	0.000	0.00%	0.00%
5	4	25390700.000	25390600.000	100.000	0.00%	0.50%
5	5	25390700.000	25390700.000	0.000	0.00%	0.00%
10	6	25390700.000	25390600.000	100.000	0.00%	0.50%
10	7	25390700.000	25390700.000	0.000	0.00%	0.00%
10	8	25390700.000	25390600.000	100.000	0.00%	0.50%
10	9	25390700.000	25390700.000	0.000	0.00%	0.00%
10	10	25390700.000	25390700.000	0.000	0.00%	0.00%
30	11	25390700.000	25390700.000	0.000	0.00%	0.00%
30	12	25390700.000	25390700.000	0.000	0.00%	0.00%
30	13	25390600.000	25390700.000	-100.000	0.00%	0.50%
30	14	25390700.000	25390600.000	100.000	0.00%	0.50%
30	15	25390700.000	25390700.000	0.000	0.00%	0.00%
50	16	25390700.000	25390600.000	100.000	0.00%	0.50%
50	17	25390700.000	25390700.000	0.000	0.00%	0.00%
50	18	25390700.000	25390700.000	0.000	0.00%	0.00%
50	19	25390600.000	25390700.000	-100.000	0.00%	0.50%
50	20	25390700.000	25390700.000	0.000	0.00%	0.00%
100	21	25390700.000	25390700.000	0.000	0.00%	0.00%
100	22	25390700.000	25390700.000	0.000	0.00%	0.00%
100	23	25390600.000	25390700.000	-100.000	0.00%	0.50%
100	24	25390600.000	25390700.000	-100.000	0.00%	0.50%
100	25	25390700.000	25390700.000	0.000	0.00%	0.00%
150	26	25390700.000	25390700.000	0.000	0.00%	0.00%
150	27	25390700.000	25390700.000	0.000	0.00%	0.00%
150	28	25390700.000	25390700.000	0.000	0.00%	0.00%
150	29	25390700.000	25390700.000	0.000	0.00%	0.00%
150	30	25390700.000	25390700.000	0.000	0.00%	0.00%
0	31	25390700.000	25390700.000	0.000	0.00%	0.00%
0	32	25390700.000	25390700.000	0.000	0.00%	0.00%
0	33	25390600.000	25390600.000	0.000	0.00%	0.00%
0	34	25390700.000	25390700.000	0.000	0.00%	0.00%
0	35	25390700.000	25390700.000	0.000	0.00%	0.00%
Max		25390700.000	25390700.000	100.000	0.00%	0.50%
Average		25390682.857	25390682.857	0.000	0.00%	0.14%
Min		25390600.000	25390600.000	-100.000	0.00%	0.00%
Std Dev		38.239	38.239	54.233	0.00%	0.23%

TID Report

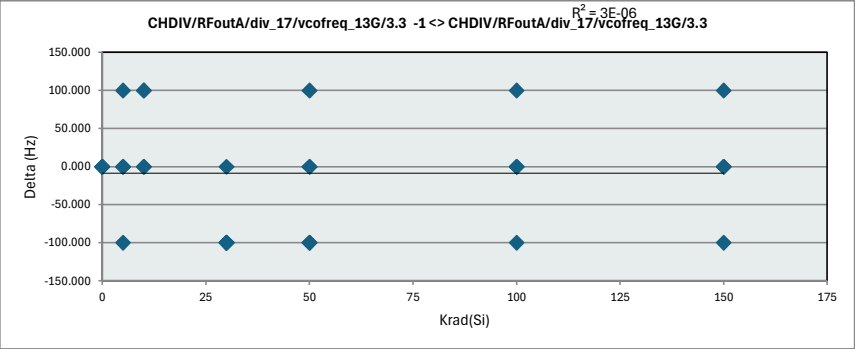


CHDIV/RFoutA/div_16/vcofreq							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	25400600 Hz						
Min Limit	25380600 Hz						
Krad(Si)	0	5	10	30	50	100	150
LL	25380600.000	25380600.000	25380600.000	25380600.000	25380600.000	25380600.000	25380600.000
Min	25390600.000	25390600.000	25390600.000	25390600.000	25390600.000	25390700.000	25390700.000
Average	25390680.000	25390680.000	25390660.000	25390680.000	25390680.000	25390700.000	25390700.000
Max	25390700.000	25390700.000	25390700.000	25390700.000	25390700.000	25390700.000	25390700.000
UL	25400600.000	25400600.000	25400600.000	25400600.000	25400600.000	25400600.000	25400600.000

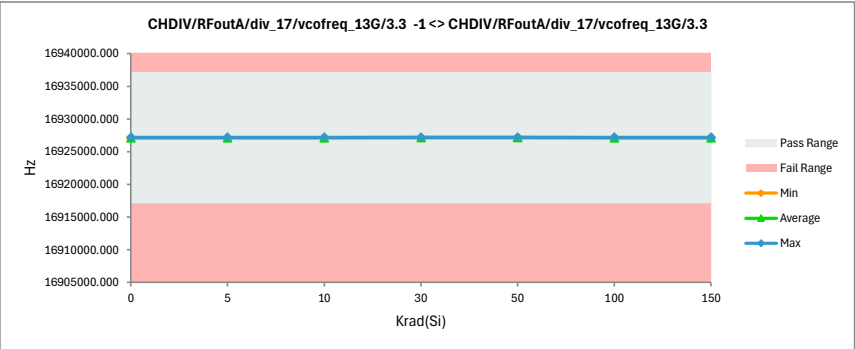


TID Report
5962R2321001PXE

CHDIV/RFoutA/div_17/vcofreq						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	16937100		16937100			
Min Limit	16917100		16917100			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	16927100.000	16927200.000	-100.000	0.00%	0.50%
5	2	16927100.000	16927100.000	0.000	0.00%	0.00%
5	3	16927100.000	16927100.000	0.000	0.00%	0.00%
5	4	16927200.000	16927100.000	100.000	0.00%	0.50%
5	5	16927100.000	16927100.000	0.000	0.00%	0.00%
10	6	16927100.000	16927100.000	0.000	0.00%	0.00%
10	7	16927200.000	16927200.000	0.000	0.00%	0.00%
10	8	16927200.000	16927100.000	100.000	0.00%	0.50%
10	9	16927200.000	16927100.000	100.000	0.00%	0.50%
10	10	16927100.000	16927100.000	0.000	0.00%	0.00%
30	11	16927100.000	16927200.000	-100.000	0.00%	0.50%
30	12	16927100.000	16927200.000	-100.000	0.00%	0.50%
30	13	16927100.000	16927200.000	-100.000	0.00%	0.50%
30	14	16927100.000	16927100.000	0.000	0.00%	0.00%
30	15	16927100.000	16927200.000	-100.000	0.00%	0.50%
50	16	16927100.000	16927100.000	0.000	0.00%	0.00%
50	17	16927200.000	16927200.000	0.000	0.00%	0.00%
50	18	16927100.000	16927200.000	-100.000	0.00%	0.50%
50	19	16927100.000	16927200.000	-100.000	0.00%	0.50%
50	20	16927200.000	16927100.000	100.000	0.00%	0.50%
100	21	16927200.000	16927200.000	0.000	0.00%	0.00%
100	22	16927100.000	16927100.000	0.000	0.00%	0.00%
100	23	16927200.000	16927100.000	100.000	0.00%	0.50%
100	24	16927100.000	16927100.000	0.000	0.00%	0.00%
100	25	16927100.000	16927200.000	-100.000	0.00%	0.50%
150	26	16927100.000	16927100.000	0.000	0.00%	0.00%
150	27	16927100.000	16927100.000	0.000	0.00%	0.00%
150	28	16927200.000	16927200.000	0.000	0.00%	0.00%
150	29	16927200.000	16927100.000	100.000	0.00%	0.50%
150	30	16927100.000	16927200.000	-100.000	0.00%	0.50%
0	31	16927200.000	16927200.000	0.000	0.00%	0.00%
0	32	16927100.000	16927100.000	0.000	0.00%	0.00%
0	33	16927200.000	16927200.000	0.000	0.00%	0.00%
0	34	16927100.000	16927100.000	0.000	0.00%	0.00%
0	35	16927100.000	16927100.000	0.000	0.00%	0.00%
Max		16927200.000	16927200.000	100.000	0.00%	0.50%
Average		16927134.286	16927142.857	-8.571	0.00%	0.21%
Min		16927100.000	16927100.000	-100.000	0.00%	0.00%
Std Dev		48.159	50.210	65.849	0.00%	0.25%



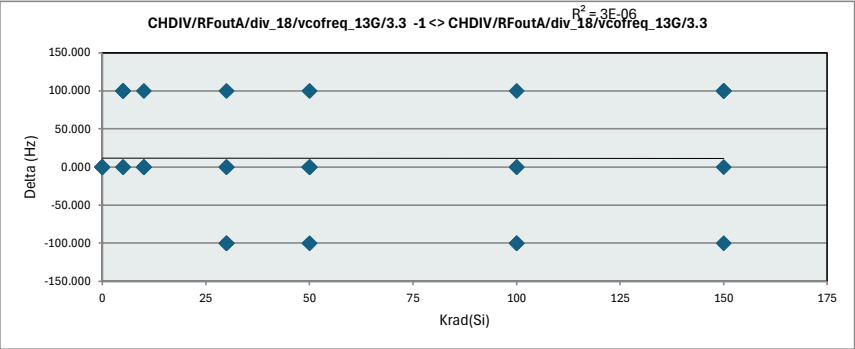
CHDIV/RFoutA/div_17/vcofreq							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	16937100 Hz						
Min Limit	16917100 Hz						
Krad(Si)	0	5	10	30	50	100	150
LL	16917100.000	16917100.000	16917100.000	16917100.000	16917100.000	16917100.000	16917100.000
Min	16927100.000	16927100.000	16927100.000	16927100.000	16927100.000	16927100.000	16927100.000
Average	16927140.000	16927120.000	16927120.000	16927180.000	16927160.000	16927140.000	16927140.000
Max	16927200.000	16927200.000	16927200.000	16927200.000	16927200.000	16927200.000	16927200.000
UL	16937100.000	16937100.000	16937100.000	16937100.000	16937100.000	16937100.000	16937100.000



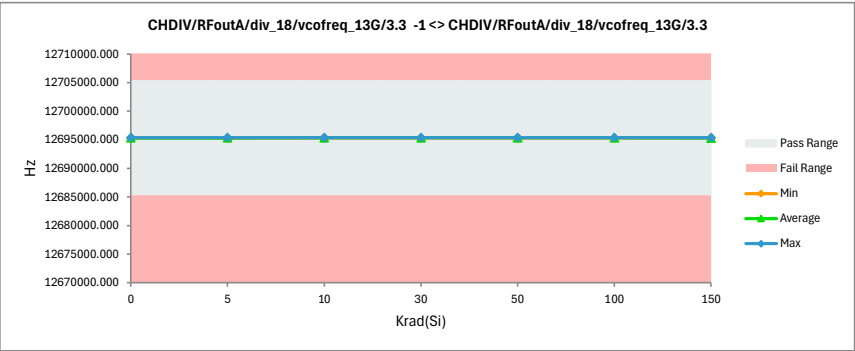
TID Report
5962R2321001PXE

CHDIV/RFoutA/div_18/vcofreq						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	12705300		12705300			
Min Limit	12685300		12685300			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	12695400.000	12695300.000	100.000	0.00%	0.50%
5	2	12695400.000	12695300.000	100.000	0.00%	0.50%
5	3	12695400.000	12695400.000	0.000	0.00%	0.00%
5	4	12695400.000	12695300.000	100.000	0.00%	0.50%
5	5	12695400.000	12695400.000	0.000	0.00%	0.00%
10	6	12695400.000	12695400.000	0.000	0.00%	0.00%
10	7	12695300.000	12695300.000	0.000	0.00%	0.00%
10	8	12695400.000	12695400.000	0.000	0.00%	0.00%
10	9	12695400.000	12695300.000	100.000	0.00%	0.50%
10	10	12695400.000	12695400.000	0.000	0.00%	0.00%
30	11	12695400.000	12695400.000	0.000	0.00%	0.00%
30	12	12695400.000	12695300.000	100.000	0.00%	0.50%
30	13	12695300.000	12695400.000	-100.000	0.00%	0.50%
30	14	12695300.000	12695400.000	-100.000	0.00%	0.50%
30	15	12695400.000	12695400.000	0.000	0.00%	0.00%
50	16	12695400.000	12695300.000	100.000	0.00%	0.50%
50	17	12695400.000	12695400.000	0.000	0.00%	0.00%
50	18	12695300.000	12695400.000	-100.000	0.00%	0.50%
50	19	12695400.000	12695400.000	0.000	0.00%	0.00%
50	20	12695300.000	12695300.000	0.000	0.00%	0.00%
100	21	12695300.000	12695400.000	-100.000	0.00%	0.50%
100	22	12695400.000	12695400.000	0.000	0.00%	0.00%
100	23	12695400.000	12695300.000	100.000	0.00%	0.50%
100	24	12695400.000	12695400.000	0.000	0.00%	0.00%
100	25	12695300.000	12695400.000	-100.000	0.00%	0.50%
150	26	12695400.000	12695300.000	100.000	0.00%	0.50%
150	27	12695400.000	12695300.000	100.000	0.00%	0.50%
150	28	12695400.000	12695300.000	100.000	0.00%	0.50%
150	29	12695300.000	12695400.000	-100.000	0.00%	0.50%
150	30	12695300.000	12695300.000	0.000	0.00%	0.00%
0	31	12695400.000	12695400.000	0.000	0.00%	0.00%
0	32	12695300.000	12695300.000	0.000	0.00%	0.00%
0	33	12695300.000	12695300.000	0.000	0.00%	0.00%
0	34	12695400.000	12695400.000	0.000	0.00%	0.00%
0	35	12695300.000	12695300.000	0.000	0.00%	0.00%
Max		12695400.000	12695400.000	100.000	0.00%	0.50%
Average		12695365.714	12695354.286	11.429	0.00%	0.23%
Min		12695300.000	12695300.000	-100.000	0.00%	0.00%
Std Dev		48.159	50.543	67.612	0.00%	0.25%

TID Report

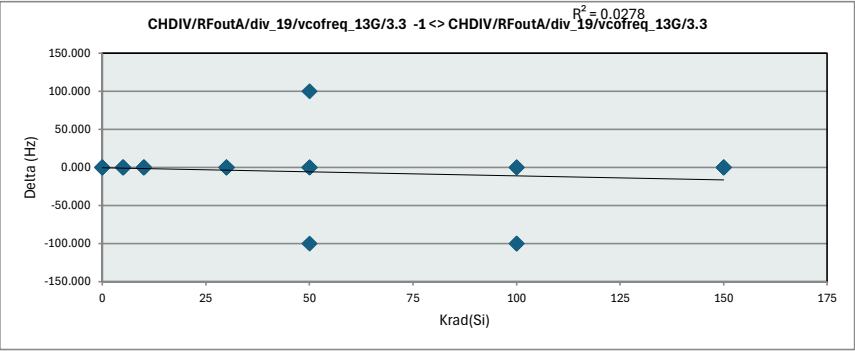


CHDIV/RFoutA/div_18/vcofreq							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	12705300 Hz						
Min Limit	12685300 Hz						
Krad(Si)	0	5	10	30	50	100	150
LL	12685300.000	12685300.000	12685300.000	12685300.000	12685300.000	12685300.000	12685300.000
Min	12695300.000	12695300.000	12695300.000	12695300.000	12695300.000	12695300.000	12695300.000
Average	12695340.000	12695340.000	12695360.000	12695380.000	12695360.000	12695380.000	12695320.000
Max	12695400.000	12695400.000	12695400.000	12695400.000	12695400.000	12695400.000	12695400.000
UL	12705300.000	12705300.000	12705300.000	12705300.000	12705300.000	12705300.000	12705300.000

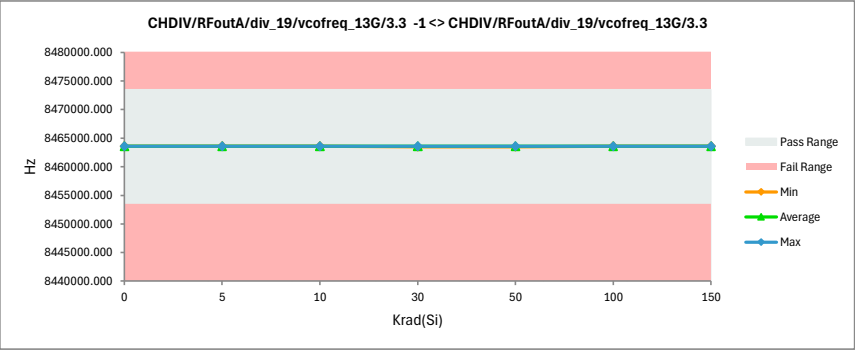


TID Report
5962R2321001PXE

CHDIV/RFoutA/div_19/vcofreq						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	Hz		Hz			
Max Limit	8473500		8473500			
Min Limit	8453500		8453500			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	8463600.000	8463600.000	0.000	0.00%	0.00%
5	2	8463600.000	8463600.000	0.000	0.00%	0.00%
5	3	8463600.000	8463600.000	0.000	0.00%	0.00%
5	4	8463600.000	8463600.000	0.000	0.00%	0.00%
5	5	8463600.000	8463600.000	0.000	0.00%	0.00%
10	6	8463600.000	8463600.000	0.000	0.00%	0.00%
10	7	8463600.000	8463600.000	0.000	0.00%	0.00%
10	8	8463600.000	8463600.000	0.000	0.00%	0.00%
10	9	8463600.000	8463600.000	0.000	0.00%	0.00%
10	10	8463600.000	8463600.000	0.000	0.00%	0.00%
30	11	8463500.000	8463500.000	0.000	0.00%	0.00%
30	12	8463600.000	8463600.000	0.000	0.00%	0.00%
30	13	8463600.000	8463600.000	0.000	0.00%	0.00%
30	14	8463600.000	8463600.000	0.000	0.00%	0.00%
30	15	8463600.000	8463600.000	0.000	0.00%	0.00%
50	16	8463500.000	8463600.000	-100.000	0.00%	0.50%
50	17	8463600.000	8463600.000	0.000	0.00%	0.00%
50	18	8463600.000	8463500.000	100.000	0.00%	0.50%
50	19	8463600.000	8463600.000	0.000	0.00%	0.00%
50	20	8463600.000	8463600.000	0.000	0.00%	0.00%
100	21	8463500.000	8463600.000	-100.000	0.00%	0.50%
100	22	8463500.000	8463600.000	-100.000	0.00%	0.50%
100	23	8463600.000	8463600.000	0.000	0.00%	0.00%
100	24	8463600.000	8463600.000	0.000	0.00%	0.00%
100	25	8463600.000	8463600.000	0.000	0.00%	0.00%
150	26	8463600.000	8463600.000	0.000	0.00%	0.00%
150	27	8463600.000	8463600.000	0.000	0.00%	0.00%
150	28	8463600.000	8463600.000	0.000	0.00%	0.00%
150	29	8463600.000	8463600.000	0.000	0.00%	0.00%
150	30	8463600.000	8463600.000	0.000	0.00%	0.00%
0	31	8463600.000	8463600.000	0.000	0.00%	0.00%
0	32	8463600.000	8463600.000	0.000	0.00%	0.00%
0	33	8463600.000	8463600.000	0.000	0.00%	0.00%
0	34	8463600.000	8463600.000	0.000	0.00%	0.00%
0	35	8463600.000	8463600.000	0.000	0.00%	0.00%
Max		8463600.000	8463600.000	100.000	0.00%	0.50%
Average		8463588.571	8463594.286	-5.714	0.00%	0.06%
Min		8463500.000	8463500.000	-100.000	0.00%	0.00%
Std Dev		32.280	23.550	33.806	0.00%	0.16%

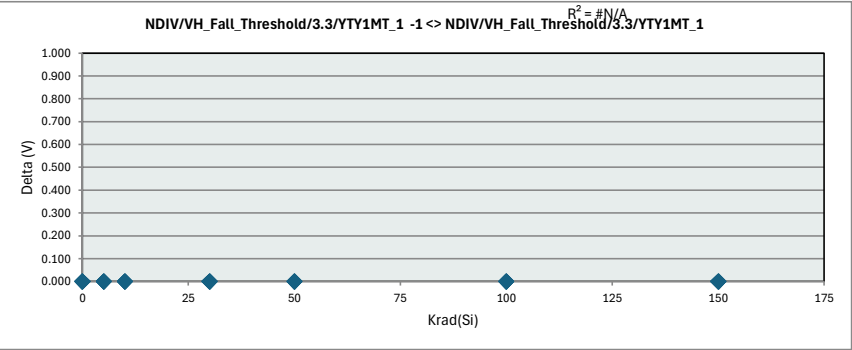


CHDIV/RFoutA/div_19/vcofreq							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	8473500 Hz						
Min Limit	8453500 Hz						
Krad(Si)	0	5	10	30	50	100	150
LL	8453500.000	8453500.000	8453500.000	8453500.000	8453500.000	8453500.000	8453500.000
Min	8463600.000	8463600.000	8463600.000	8463500.000	8463500.000	8463600.000	8463600.000
Average	8463600.000	8463600.000	8463600.000	8463580.000	8463580.000	8463600.000	8463600.000
Max	8463600.000	8463600.000	8463600.000	8463600.000	8463600.000	8463600.000	8463600.000
UL	8473500.000	8473500.000	8473500.000	8473500.000	8473500.000	8473500.000	8473500.000

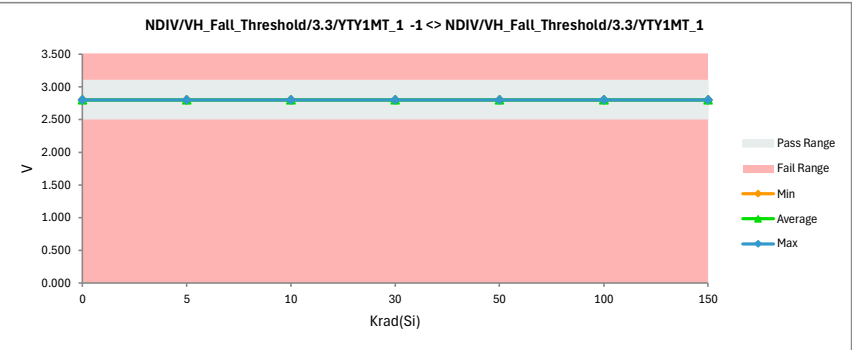


TID Report
5962R2321001PXE

NDIV/VH_Fall_Threshold/3.3/YTY1MT_1						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	V		V			
Max Limit	3.099999905		3.099999905			
Min Limit	2.5		2.5			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	2.800	2.800	0.000	0.00%	0.00%
5	2	2.800	2.800	0.000	0.00%	0.00%
5	3	2.800	2.800	0.000	0.00%	0.00%
5	4	2.800	2.800	0.000	0.00%	0.00%
5	5	2.800	2.800	0.000	0.00%	0.00%
10	6	2.800	2.800	0.000	0.00%	0.00%
10	7	2.800	2.800	0.000	0.00%	0.00%
10	8	2.800	2.800	0.000	0.00%	0.00%
10	9	2.800	2.800	0.000	0.00%	0.00%
10	10	2.800	2.800	0.000	0.00%	0.00%
30	11	2.800	2.800	0.000	0.00%	0.00%
30	12	2.800	2.800	0.000	0.00%	0.00%
30	13	2.800	2.800	0.000	0.00%	0.00%
30	14	2.800	2.800	0.000	0.00%	0.00%
30	15	2.800	2.800	0.000	0.00%	0.00%
50	16	2.800	2.800	0.000	0.00%	0.00%
50	17	2.800	2.800	0.000	0.00%	0.00%
50	18	2.800	2.800	0.000	0.00%	0.00%
50	19	2.800	2.800	0.000	0.00%	0.00%
50	20	2.800	2.800	0.000	0.00%	0.00%
100	21	2.800	2.800	0.000	0.00%	0.00%
100	22	2.800	2.800	0.000	0.00%	0.00%
100	23	2.800	2.800	0.000	0.00%	0.00%
100	24	2.800	2.800	0.000	0.00%	0.00%
100	25	2.800	2.800	0.000	0.00%	0.00%
150	26	2.800	2.800	0.000	0.00%	0.00%
150	27	2.800	2.800	0.000	0.00%	0.00%
150	28	2.800	2.800	0.000	0.00%	0.00%
150	29	2.800	2.800	0.000	0.00%	0.00%
150	30	2.800	2.800	0.000	0.00%	0.00%
0	31	2.800	2.800	0.000	0.00%	0.00%
0	32	2.800	2.800	0.000	0.00%	0.00%
0	33	2.800	2.800	0.000	0.00%	0.00%
0	34	2.800	2.800	0.000	0.00%	0.00%
0	35	2.800	2.800	0.000	0.00%	0.00%
Max		2.800	2.800	0.000	0.00%	0.00%
Average		2.800	2.800	0.000	0.00%	0.00%
Min		2.800	2.800	0.000	0.00%	0.00%
Std Dev		0.000	0.000	0.000	0.00%	0.00%

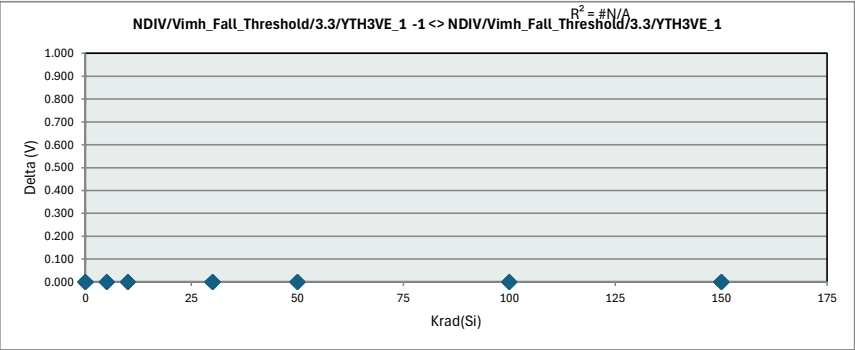


NDIV/VH_Fall_Threshold/3.3/YTY1MT_1							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	3.099999905						
Min Limit	2.5						
Krad(Si)	0	5	10	30	50	100	150
LL	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Min	2.800	2.800	2.800	2.800	2.800	2.800	2.800
Average	2.800	2.800	2.800	2.800	2.800	2.800	2.800
Max	2.800	2.800	2.800	2.800	2.800	2.800	2.800
UL	3.100	3.100	3.100	3.100	3.100	3.100	3.100

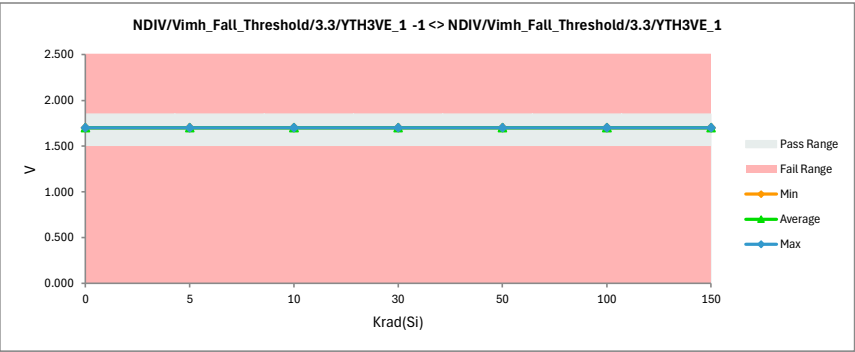


TID Report
5962R2321001PXE

NDIV/Vimh_Fall_Threshold/3.3/						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	V		V			
Max Limit	1.850000024		1.850000024			
Min Limit	1.5		1.5			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	1.700	1.700	0.000	0.00%	0.00%
5	2	1.700	1.700	0.000	0.00%	0.00%
5	3	1.700	1.700	0.000	0.00%	0.00%
5	4	1.700	1.700	0.000	0.00%	0.00%
5	5	1.700	1.700	0.000	0.00%	0.00%
10	6	1.700	1.700	0.000	0.00%	0.00%
10	7	1.700	1.700	0.000	0.00%	0.00%
10	8	1.700	1.700	0.000	0.00%	0.00%
10	9	1.700	1.700	0.000	0.00%	0.00%
10	10	1.700	1.700	0.000	0.00%	0.00%
30	11	1.700	1.700	0.000	0.00%	0.00%
30	12	1.700	1.700	0.000	0.00%	0.00%
30	13	1.700	1.700	0.000	0.00%	0.00%
30	14	1.700	1.700	0.000	0.00%	0.00%
30	15	1.700	1.700	0.000	0.00%	0.00%
50	16	1.700	1.700	0.000	0.00%	0.00%
50	17	1.700	1.700	0.000	0.00%	0.00%
50	18	1.700	1.700	0.000	0.00%	0.00%
50	19	1.700	1.700	0.000	0.00%	0.00%
50	20	1.700	1.700	0.000	0.00%	0.00%
100	21	1.700	1.700	0.000	0.00%	0.00%
100	22	1.700	1.700	0.000	0.00%	0.00%
100	23	1.700	1.700	0.000	0.00%	0.00%
100	24	1.700	1.700	0.000	0.00%	0.00%
100	25	1.700	1.700	0.000	0.00%	0.00%
150	26	1.700	1.700	0.000	0.00%	0.00%
150	27	1.700	1.700	0.000	0.00%	0.00%
150	28	1.700	1.700	0.000	0.00%	0.00%
150	29	1.700	1.700	0.000	0.00%	0.00%
150	30	1.700	1.700	0.000	0.00%	0.00%
0	31	1.700	1.700	0.000	0.00%	0.00%
0	32	1.700	1.700	0.000	0.00%	0.00%
0	33	1.700	1.700	0.000	0.00%	0.00%
0	34	1.700	1.700	0.000	0.00%	0.00%
0	35	1.700	1.700	0.000	0.00%	0.00%
Max		1.700	1.700	0.000	0.00%	0.00%
Average		1.700	1.700	0.000	0.00%	0.00%
Min		1.700	1.700	0.000	0.00%	0.00%
Std Dev		0.000	0.000	0.000	0.00%	0.00%



NDIV/Vimh_Fall_Threshold/3.3/							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	1.850000024						
Min Limit	1.5						
Krad(Si)	0	5	10	30	50	100	150
LL	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Min	1.700	1.700	1.700	1.700	1.700	1.700	1.700
Average	1.700	1.700	1.700	1.700	1.700	1.700	1.700
Max	1.700	1.700	1.700	1.700	1.700	1.700	1.700
UL	1.850	1.850	1.850	1.850	1.850	1.850	1.850

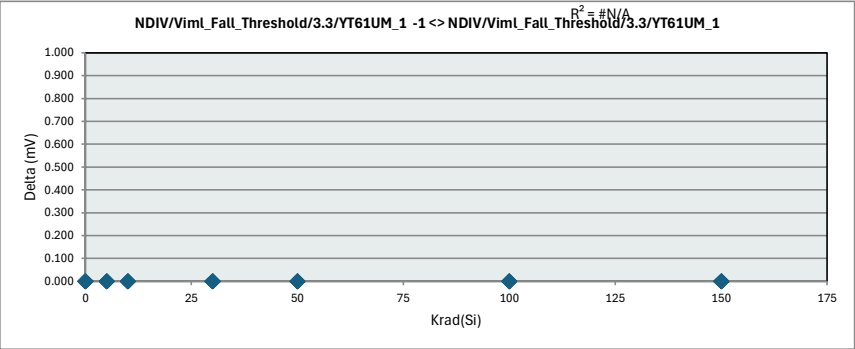


TID Report
5962R2321001PXE

NDIV/VimI_Fall_Threshold/3.3/		
Test Site	CLAB	CLAB
Tester	UFLEX+02	UFLEX+02
Test Number	PF365800	PF365800
Unit	mV	mV
Max Limit	699.9999881	699.9999881
Min Limit	400.000006	400.000006

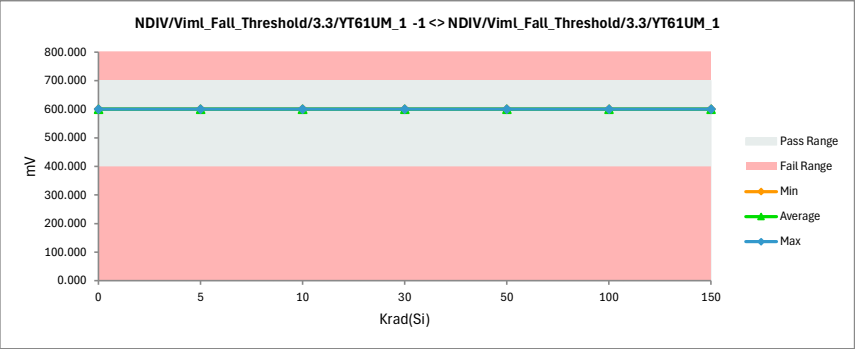
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	600.000	600.000	0.000	0.00%	0.00%
5	2	600.000	600.000	0.000	0.00%	0.00%
5	3	600.000	600.000	0.000	0.00%	0.00%
5	4	600.000	600.000	0.000	0.00%	0.00%
5	5	600.000	600.000	0.000	0.00%	0.00%
10	6	600.000	600.000	0.000	0.00%	0.00%
10	7	600.000	600.000	0.000	0.00%	0.00%
10	8	600.000	600.000	0.000	0.00%	0.00%
10	9	600.000	600.000	0.000	0.00%	0.00%
10	10	600.000	600.000	0.000	0.00%	0.00%
30	11	600.000	600.000	0.000	0.00%	0.00%
30	12	600.000	600.000	0.000	0.00%	0.00%
30	13	600.000	600.000	0.000	0.00%	0.00%
30	14	600.000	600.000	0.000	0.00%	0.00%
30	15	600.000	600.000	0.000	0.00%	0.00%
50	16	600.000	600.000	0.000	0.00%	0.00%
50	17	600.000	600.000	0.000	0.00%	0.00%
50	18	600.000	600.000	0.000	0.00%	0.00%
50	19	600.000	600.000	0.000	0.00%	0.00%
50	20	600.000	600.000	0.000	0.00%	0.00%
100	21	600.000	600.000	0.000	0.00%	0.00%
100	22	600.000	600.000	0.000	0.00%	0.00%
100	23	600.000	600.000	0.000	0.00%	0.00%
100	24	600.000	600.000	0.000	0.00%	0.00%
100	25	600.000	600.000	0.000	0.00%	0.00%
150	26	600.000	600.000	0.000	0.00%	0.00%
150	27	600.000	600.000	0.000	0.00%	0.00%
150	28	600.000	600.000	0.000	0.00%	0.00%
150	29	600.000	600.000	0.000	0.00%	0.00%
150	30	600.000	600.000	0.000	0.00%	0.00%
0	31	600.000	600.000	0.000	0.00%	0.00%
0	32	600.000	600.000	0.000	0.00%	0.00%
0	33	600.000	600.000	0.000	0.00%	0.00%
0	34	600.000	600.000	0.000	0.00%	0.00%
0	35	600.000	600.000	0.000	0.00%	0.00%
Max		600.000	600.000	0.000	0.00%	0.00%
Average		600.000	600.000	0.000	0.00%	0.00%
Min		600.000	600.000	0.000	0.00%	0.00%
Std Dev		0.000	0.000	0.000	0.00%	0.00%

TID Report



NDIV/VimI_Fall_Threshold/3.3/		
Test Site	CLAB	
Tester	UFLEX+02	
Test Number	PF365800	
Max Limit	699.9999881	mV
Min Limit	400.000006	mV

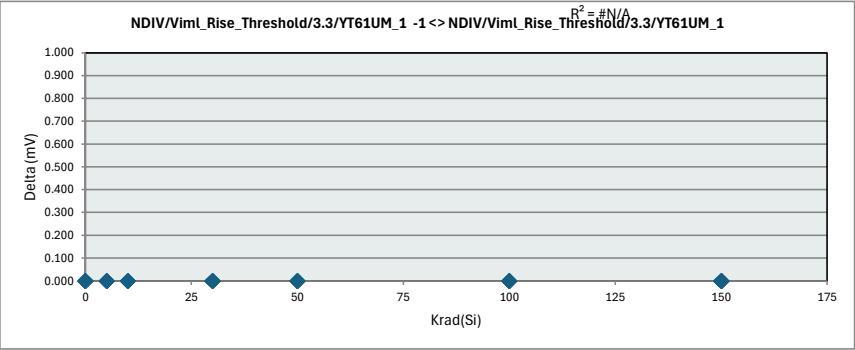
Krad(Si)	0	5	10	30	50	100	150
LL	400.000	400.000	400.000	400.000	400.000	400.000	400.000
Min	600.000	600.000	600.000	600.000	600.000	600.000	600.000
Average	600.000	600.000	600.000	600.000	600.000	600.000	600.000
Max	600.000	600.000	600.000	600.000	600.000	600.000	600.000
UL	700.000	700.000	700.000	700.000	700.000	700.000	700.000



TID Report
5962R2321001PXE

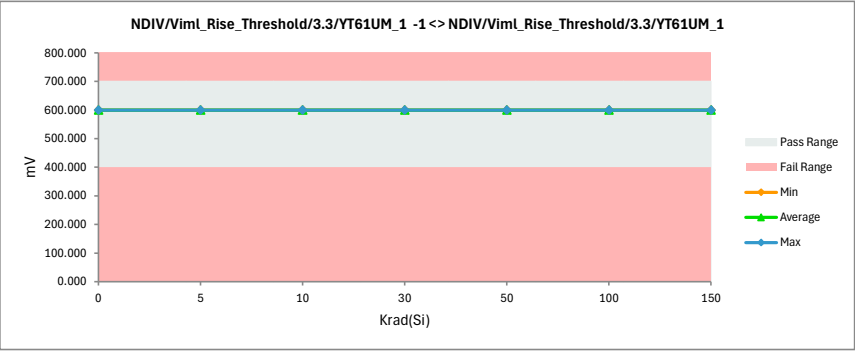
NDIV/VimI_Rise_Threshold/3.3/		
Test Site	CLAB	CLAB
Tester	UFLEX+02	UFLEX+02
Test Number	PF365800	PF365800
Unit	mV	mV
Max Limit	699.9999881	699.9999881
Min Limit	400.000006	400.000006

Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	600.000	600.000	0.000	0.00%	0.00%
5	2	600.000	600.000	0.000	0.00%	0.00%
5	3	600.000	600.000	0.000	0.00%	0.00%
5	4	600.000	600.000	0.000	0.00%	0.00%
5	5	600.000	600.000	0.000	0.00%	0.00%
10	6	600.000	600.000	0.000	0.00%	0.00%
10	7	600.000	600.000	0.000	0.00%	0.00%
10	8	600.000	600.000	0.000	0.00%	0.00%
10	9	600.000	600.000	0.000	0.00%	0.00%
10	10	600.000	600.000	0.000	0.00%	0.00%
30	11	600.000	600.000	0.000	0.00%	0.00%
30	12	600.000	600.000	0.000	0.00%	0.00%
30	13	600.000	600.000	0.000	0.00%	0.00%
30	14	600.000	600.000	0.000	0.00%	0.00%
30	15	600.000	600.000	0.000	0.00%	0.00%
50	16	600.000	600.000	0.000	0.00%	0.00%
50	17	600.000	600.000	0.000	0.00%	0.00%
50	18	600.000	600.000	0.000	0.00%	0.00%
50	19	600.000	600.000	0.000	0.00%	0.00%
50	20	600.000	600.000	0.000	0.00%	0.00%
100	21	600.000	600.000	0.000	0.00%	0.00%
100	22	600.000	600.000	0.000	0.00%	0.00%
100	23	600.000	600.000	0.000	0.00%	0.00%
100	24	600.000	600.000	0.000	0.00%	0.00%
100	25	600.000	600.000	0.000	0.00%	0.00%
150	26	600.000	600.000	0.000	0.00%	0.00%
150	27	600.000	600.000	0.000	0.00%	0.00%
150	28	600.000	600.000	0.000	0.00%	0.00%
150	29	600.000	600.000	0.000	0.00%	0.00%
150	30	600.000	600.000	0.000	0.00%	0.00%
0	31	600.000	600.000	0.000	0.00%	0.00%
0	32	600.000	600.000	0.000	0.00%	0.00%
0	33	600.000	600.000	0.000	0.00%	0.00%
0	34	600.000	600.000	0.000	0.00%	0.00%
0	35	600.000	600.000	0.000	0.00%	0.00%
Max		600.000	600.000	0.000	0.00%	0.00%
Average		600.000	600.000	0.000	0.00%	0.00%
Min		600.000	600.000	0.000	0.00%	0.00%
Std Dev		0.000	0.000	0.000	0.00%	0.00%



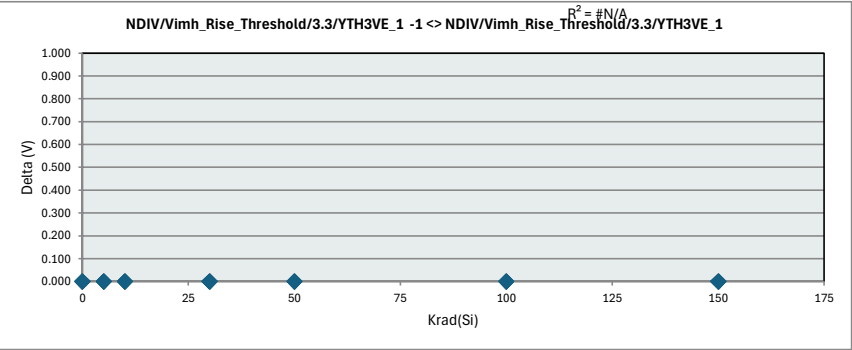
NDIV/VimI_Rise_Threshold/3.3/		
Test Site	CLAB	
Tester	UFLEX+02	
Test Number	PF365800	
Max Limit	699.9999881	mV
Min Limit	400.000006	mV

Krad(Si)	0	5	10	30	50	100	150
LL	400.000	400.000	400.000	400.000	400.000	400.000	400.000
Min	600.000	600.000	600.000	600.000	600.000	600.000	600.000
Average	600.000	600.000	600.000	600.000	600.000	600.000	600.000
Max	600.000	600.000	600.000	600.000	600.000	600.000	600.000
UL	700.000	700.000	700.000	700.000	700.000	700.000	700.000

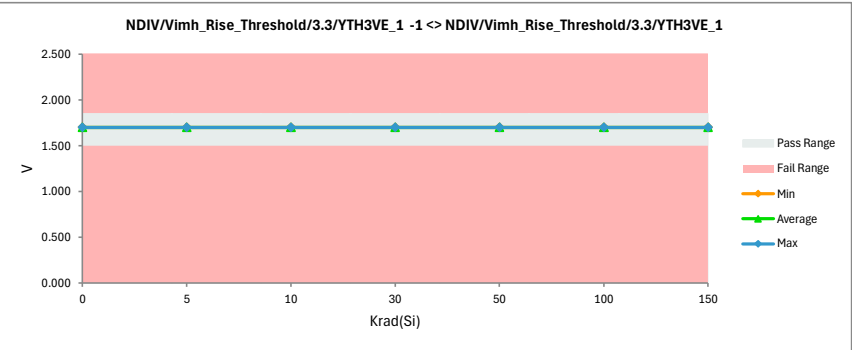


TID Report
5962R2321001PXE

NDIV/Vimh_Rise_Threshold/3.3						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	V		V			
Max Limit	1.850000024		1.850000024			
Min Limit	1.5		1.5			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	1.700	1.700	0.000	0.00%	0.00%
5	2	1.700	1.700	0.000	0.00%	0.00%
5	3	1.700	1.700	0.000	0.00%	0.00%
5	4	1.700	1.700	0.000	0.00%	0.00%
5	5	1.700	1.700	0.000	0.00%	0.00%
10	6	1.700	1.700	0.000	0.00%	0.00%
10	7	1.700	1.700	0.000	0.00%	0.00%
10	8	1.700	1.700	0.000	0.00%	0.00%
10	9	1.700	1.700	0.000	0.00%	0.00%
10	10	1.700	1.700	0.000	0.00%	0.00%
30	11	1.700	1.700	0.000	0.00%	0.00%
30	12	1.700	1.700	0.000	0.00%	0.00%
30	13	1.700	1.700	0.000	0.00%	0.00%
30	14	1.700	1.700	0.000	0.00%	0.00%
30	15	1.700	1.700	0.000	0.00%	0.00%
50	16	1.700	1.700	0.000	0.00%	0.00%
50	17	1.700	1.700	0.000	0.00%	0.00%
50	18	1.700	1.700	0.000	0.00%	0.00%
50	19	1.700	1.700	0.000	0.00%	0.00%
50	20	1.700	1.700	0.000	0.00%	0.00%
100	21	1.700	1.700	0.000	0.00%	0.00%
100	22	1.700	1.700	0.000	0.00%	0.00%
100	23	1.700	1.700	0.000	0.00%	0.00%
100	24	1.700	1.700	0.000	0.00%	0.00%
100	25	1.700	1.700	0.000	0.00%	0.00%
150	26	1.700	1.700	0.000	0.00%	0.00%
150	27	1.700	1.700	0.000	0.00%	0.00%
150	28	1.700	1.700	0.000	0.00%	0.00%
150	29	1.700	1.700	0.000	0.00%	0.00%
150	30	1.700	1.700	0.000	0.00%	0.00%
0	31	1.700	1.700	0.000	0.00%	0.00%
0	32	1.700	1.700	0.000	0.00%	0.00%
0	33	1.700	1.700	0.000	0.00%	0.00%
0	34	1.700	1.700	0.000	0.00%	0.00%
0	35	1.700	1.700	0.000	0.00%	0.00%
Max		1.700	1.700	0.000	0.00%	0.00%
Average		1.700	1.700	0.000	0.00%	0.00%
Min		1.700	1.700	0.000	0.00%	0.00%
Std Dev		0.000	0.000	0.000	0.00%	0.00%

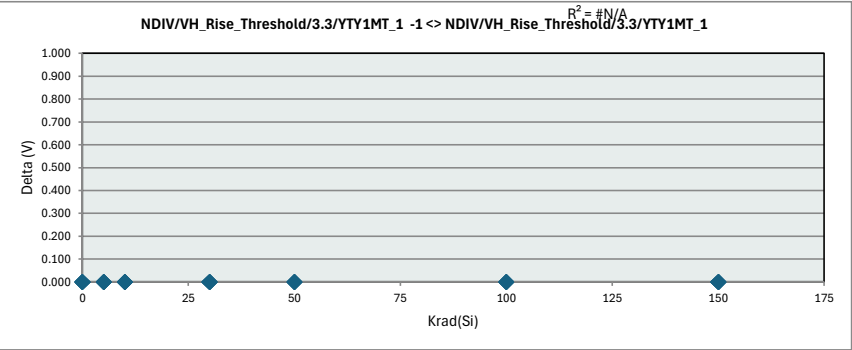


NDIV/Vimh_Rise_Threshold/3							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	1.850000024 V						
Min Limit	1.5 V						
Krad(Si)	0	5	10	30	50	100	150
LL	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Min	1.700	1.700	1.700	1.700	1.700	1.700	1.700
Average	1.700	1.700	1.700	1.700	1.700	1.700	1.700
Max	1.700	1.700	1.700	1.700	1.700	1.700	1.700
UL	1.850	1.850	1.850	1.850	1.850	1.850	1.850

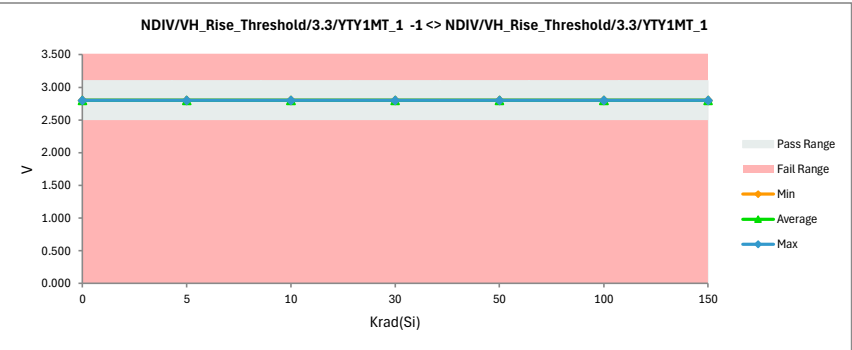


TID Report
5962R2321001PXE

NDIV/VH_Rise_Threshold/3.3/Y						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	V		V			
Max Limit	3.099999905		3.099999905			
Min Limit	2.5		2.5			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	2.800	2.800	0.000	0.00%	0.00%
5	2	2.800	2.800	0.000	0.00%	0.00%
5	3	2.800	2.800	0.000	0.00%	0.00%
5	4	2.800	2.800	0.000	0.00%	0.00%
5	5	2.800	2.800	0.000	0.00%	0.00%
10	6	2.800	2.800	0.000	0.00%	0.00%
10	7	2.800	2.800	0.000	0.00%	0.00%
10	8	2.800	2.800	0.000	0.00%	0.00%
10	9	2.800	2.800	0.000	0.00%	0.00%
10	10	2.800	2.800	0.000	0.00%	0.00%
30	11	2.800	2.800	0.000	0.00%	0.00%
30	12	2.800	2.800	0.000	0.00%	0.00%
30	13	2.800	2.800	0.000	0.00%	0.00%
30	14	2.800	2.800	0.000	0.00%	0.00%
30	15	2.800	2.800	0.000	0.00%	0.00%
50	16	2.800	2.800	0.000	0.00%	0.00%
50	17	2.800	2.800	0.000	0.00%	0.00%
50	18	2.800	2.800	0.000	0.00%	0.00%
50	19	2.800	2.800	0.000	0.00%	0.00%
50	20	2.800	2.800	0.000	0.00%	0.00%
100	21	2.800	2.800	0.000	0.00%	0.00%
100	22	2.800	2.800	0.000	0.00%	0.00%
100	23	2.800	2.800	0.000	0.00%	0.00%
100	24	2.800	2.800	0.000	0.00%	0.00%
100	25	2.800	2.800	0.000	0.00%	0.00%
150	26	2.800	2.800	0.000	0.00%	0.00%
150	27	2.800	2.800	0.000	0.00%	0.00%
150	28	2.800	2.800	0.000	0.00%	0.00%
150	29	2.800	2.800	0.000	0.00%	0.00%
150	30	2.800	2.800	0.000	0.00%	0.00%
0	31	2.800	2.800	0.000	0.00%	0.00%
0	32	2.800	2.800	0.000	0.00%	0.00%
0	33	2.800	2.800	0.000	0.00%	0.00%
0	34	2.800	2.800	0.000	0.00%	0.00%
0	35	2.800	2.800	0.000	0.00%	0.00%
Max		2.800	2.800	0.000	0.00%	0.00%
Average		2.800	2.800	0.000	0.00%	0.00%
Min		2.800	2.800	0.000	0.00%	0.00%
Std Dev		0.000	0.000	0.000	0.00%	0.00%

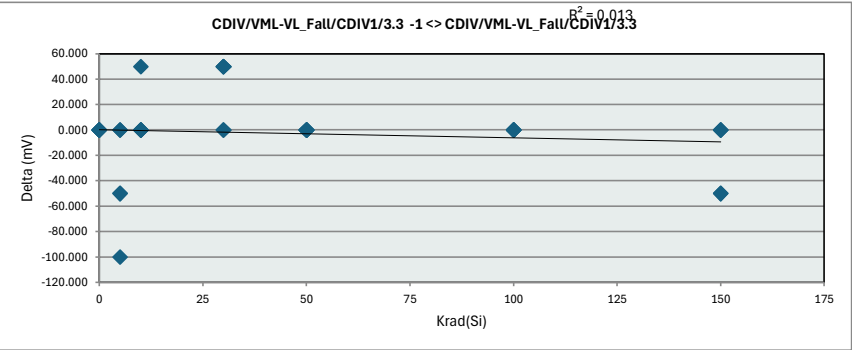


NDIV/VH_Rise_Threshold/3.3/Y							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	3.099999905	V					
Min Limit	2.5	V					
Krad(Si)	0	5	10	30	50	100	150
LL	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Min	2.800	2.800	2.800	2.800	2.800	2.800	2.800
Average	2.800	2.800	2.800	2.800	2.800	2.800	2.800
Max	2.800	2.800	2.800	2.800	2.800	2.800	2.800
UL	3.100	3.100	3.100	3.100	3.100	3.100	3.100

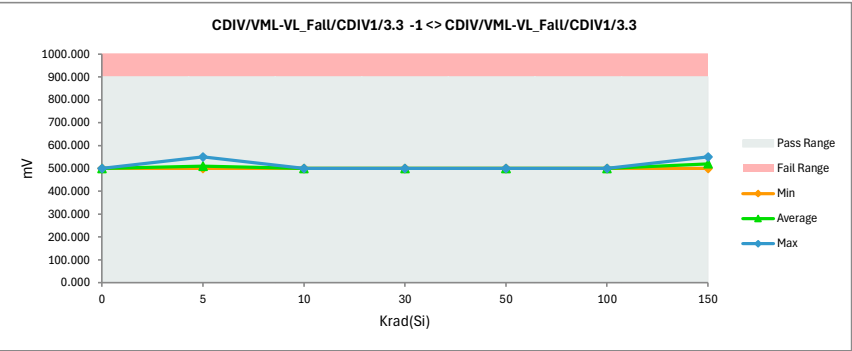


TID Report
5962R2321001PXE

CDIV/VML-VL_Fall/CDIV1/3.3 -						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	mV		mV			
Max Limit	899.9999762		899.9999762			
Min Limit	0		0			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	450.000	550.000	-100.000	-22.22%	11.11%
5	2	500.000	500.000	0.000	0.00%	0.00%
5	3	450.000	500.000	-50.000	-11.11%	5.56%
5	4	500.000	500.000	0.000	0.00%	0.00%
5	5	450.000	500.000	-50.000	-11.11%	5.56%
10	6	500.000	500.000	0.000	0.00%	0.00%
10	7	500.000	500.000	0.000	0.00%	0.00%
10	8	500.000	500.000	0.000	0.00%	0.00%
10	9	500.000	500.000	0.000	0.00%	0.00%
10	10	550.000	500.000	50.000	9.09%	5.56%
30	11	500.000	500.000	0.000	0.00%	0.00%
30	12	500.000	500.000	0.000	0.00%	0.00%
30	13	550.000	500.000	50.000	9.09%	5.56%
30	14	550.000	500.000	50.000	9.09%	5.56%
30	15	550.000	500.000	50.000	9.09%	5.56%
50	16	500.000	500.000	0.000	0.00%	0.00%
50	17	500.000	500.000	0.000	0.00%	0.00%
50	18	500.000	500.000	0.000	0.00%	0.00%
50	19	500.000	500.000	0.000	0.00%	0.00%
50	20	500.000	500.000	0.000	0.00%	0.00%
100	21	500.000	500.000	0.000	0.00%	0.00%
100	22	500.000	500.000	0.000	0.00%	0.00%
100	23	500.000	500.000	0.000	0.00%	0.00%
100	24	500.000	500.000	0.000	0.00%	0.00%
100	25	500.000	500.000	0.000	0.00%	0.00%
150	26	500.000	550.000	-50.000	-10.00%	5.56%
150	27	500.000	500.000	0.000	0.00%	0.00%
150	28	500.000	500.000	0.000	0.00%	0.00%
150	29	500.000	500.000	0.000	0.00%	0.00%
150	30	500.000	550.000	-50.000	-10.00%	5.56%
0	31	500.000	500.000	0.000	0.00%	0.00%
0	32	500.000	500.000	0.000	0.00%	0.00%
0	33	500.000	500.000	0.000	0.00%	0.00%
0	34	500.000	500.000	0.000	0.00%	0.00%
0	35	500.000	500.000	0.000	0.00%	0.00%
Max		550.000	550.000	50.000	9.09%	11.11%
Average		501.429	504.286	-2.857	-0.80%	1.59%
Min		450.000	500.000	-100.000	-22.22%	0.00%
Std Dev		22.641	14.201	29.563	6.06%	2.88%

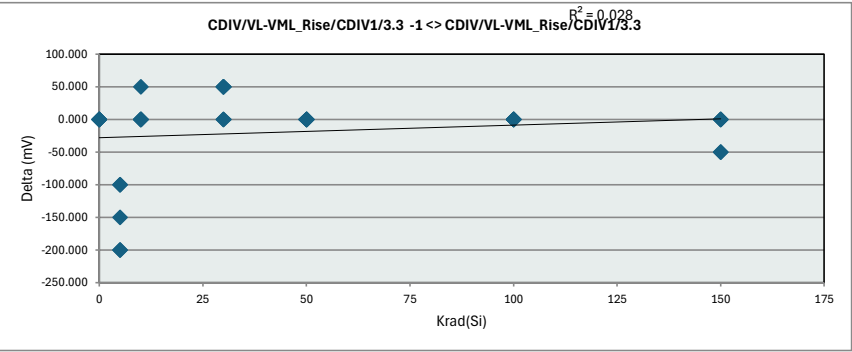


	CDIV/VML-VL_Fall/CDIV1/3.3						
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	899.9999762	mV					
Min Limit	0	mV					
Krad(Si)	0	5	10	30	50	100	150
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	500.000	500.000	500.000	500.000	500.000	500.000	500.000
Average	500.000	510.000	500.000	500.000	500.000	500.000	520.000
Max	500.000	550.000	500.000	500.000	500.000	500.000	550.000
UL	900.000	900.000	900.000	900.000	900.000	900.000	900.000

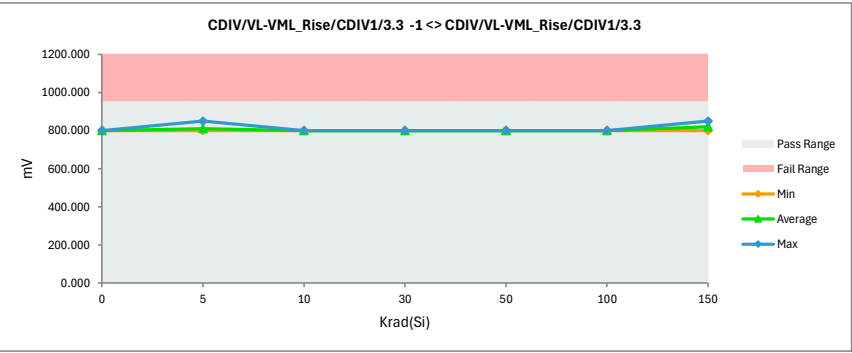


TID Report
5962R2321001PXE

CDIV/VL-VML_Rise/CDIV1/3.3						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	mV		mV			
Max Limit	949.9999881		949.9999881			
Min Limit	0		0			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	700.000	850.000	-150.000	-21.43%	15.79%
5	2	700.000	800.000	-100.000	-14.29%	10.53%
5	3	600.000	800.000	-200.000	-33.33%	21.05%
5	4	700.000	800.000	-100.000	-14.29%	10.53%
5	5	600.000	800.000	-200.000	-33.33%	21.05%
10	6	800.000	800.000	0.000	0.00%	0.00%
10	7	800.000	800.000	0.000	0.00%	0.00%
10	8	800.000	800.000	0.000	0.00%	0.00%
10	9	800.000	800.000	0.000	0.00%	0.00%
10	10	850.000	800.000	50.000	5.88%	5.26%
30	11	800.000	800.000	0.000	0.00%	0.00%
30	12	800.000	800.000	0.000	0.00%	0.00%
30	13	850.000	800.000	50.000	5.88%	5.26%
30	14	850.000	800.000	50.000	5.88%	5.26%
30	15	850.000	800.000	50.000	5.88%	5.26%
50	16	800.000	800.000	0.000	0.00%	0.00%
50	17	800.000	800.000	0.000	0.00%	0.00%
50	18	800.000	800.000	0.000	0.00%	0.00%
50	19	800.000	800.000	0.000	0.00%	0.00%
50	20	800.000	800.000	0.000	0.00%	0.00%
100	21	800.000	800.000	0.000	0.00%	0.00%
100	22	800.000	800.000	0.000	0.00%	0.00%
100	23	800.000	800.000	0.000	0.00%	0.00%
100	24	800.000	800.000	0.000	0.00%	0.00%
100	25	800.000	800.000	0.000	0.00%	0.00%
150	26	800.000	850.000	-50.000	-6.25%	5.26%
150	27	800.000	800.000	0.000	0.00%	0.00%
150	28	800.000	800.000	0.000	0.00%	0.00%
150	29	800.000	800.000	0.000	0.00%	0.00%
150	30	800.000	850.000	-50.000	-6.25%	5.26%
0	31	800.000	800.000	0.000	0.00%	0.00%
0	32	800.000	800.000	0.000	0.00%	0.00%
0	33	800.000	800.000	0.000	0.00%	0.00%
0	34	800.000	800.000	0.000	0.00%	0.00%
0	35	800.000	800.000	0.000	0.00%	0.00%
Max		850.000	850.000	50.000	5.88%	21.05%
Average		785.714	804.286	-18.571	-3.02%	3.16%
Min		600.000	800.000	-200.000	-33.33%	0.00%
Std Dev		57.614	14.201	60.738	9.37%	5.88%

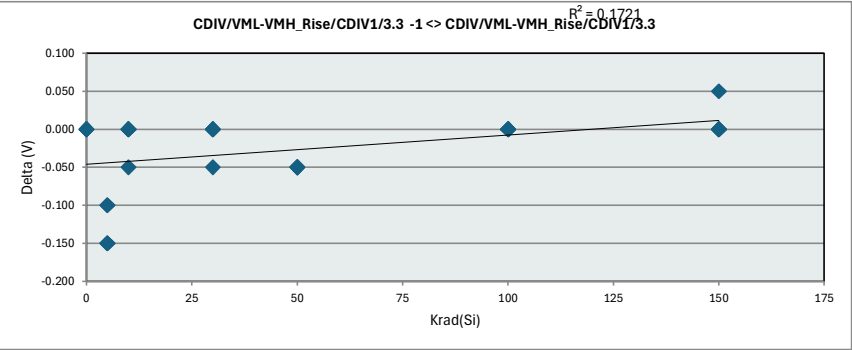


CDIV/VL-VML_Rise/CDIV1/3.3							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	949.9999881	mV					
Min Limit	0	mV					
Krad(Si)	0	5	10	30	50	100	150
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	800.000	800.000	800.000	800.000	800.000	800.000	800.000
Average	800.000	810.000	800.000	800.000	800.000	800.000	820.000
Max	800.000	850.000	800.000	800.000	800.000	800.000	850.000
UL	950.000	950.000	950.000	950.000	950.000	950.000	950.000

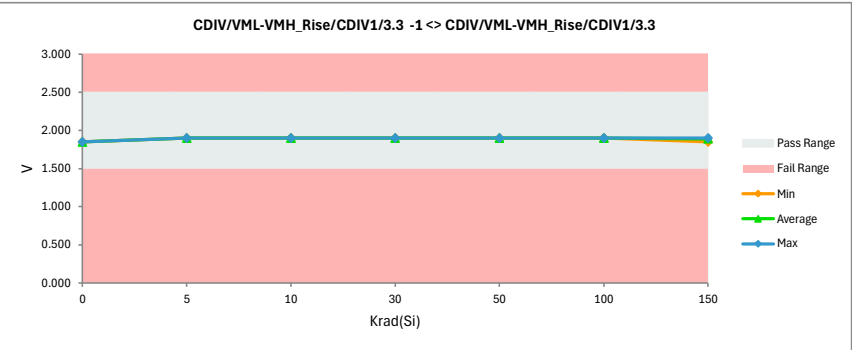


TID Report
5962R2321001PXE

CDIV/VML-VMH_Rise/CDIV1/3.3						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	V		V			
Max Limit	2.5		2.5			
Min Limit	1.5		1.5			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	1.750	1.900	-0.150	-8.57%	15.00%
5	2	1.750	1.900	-0.150	-8.57%	15.00%
5	3	1.800	1.900	-0.100	-5.56%	10.00%
5	4	1.750	1.900	-0.150	-8.57%	15.00%
5	5	1.800	1.900	-0.100	-5.56%	10.00%
10	6	1.900	1.900	0.000	0.00%	0.00%
10	7	1.900	1.900	0.000	0.00%	0.00%
10	8	1.900	1.900	0.000	0.00%	0.00%
10	9	1.900	1.900	0.000	0.00%	0.00%
10	10	1.850	1.900	-0.050	-2.70%	5.00%
30	11	1.900	1.900	0.000	0.00%	0.00%
30	12	1.900	1.900	0.000	0.00%	0.00%
30	13	1.900	1.900	0.000	0.00%	0.00%
30	14	1.900	1.900	0.000	0.00%	0.00%
30	15	1.850	1.900	-0.050	-2.70%	5.00%
50	16	1.850	1.900	-0.050	-2.70%	5.00%
50	17	1.850	1.900	-0.050	-2.70%	5.00%
50	18	1.850	1.900	-0.050	-2.70%	5.00%
50	19	1.850	1.900	-0.050	-2.70%	5.00%
50	20	1.850	1.900	-0.050	-2.70%	5.00%
100	21	1.900	1.900	0.000	0.00%	0.00%
100	22	1.900	1.900	0.000	0.00%	0.00%
100	23	1.900	1.900	0.000	0.00%	0.00%
100	24	1.900	1.900	0.000	0.00%	0.00%
100	25	1.900	1.900	0.000	0.00%	0.00%
150	26	1.900	1.900	0.000	0.00%	0.00%
150	27	1.900	1.900	0.000	0.00%	0.00%
150	28	1.900	1.900	0.000	0.00%	0.00%
150	29	1.900	1.900	0.000	0.00%	0.00%
150	30	1.900	1.850	0.050	2.63%	5.00%
0	31	1.850	1.850	0.000	0.00%	0.00%
0	32	1.850	1.850	0.000	0.00%	0.00%
0	33	1.850	1.850	0.000	0.00%	0.00%
0	34	1.850	1.850	0.000	0.00%	0.00%
0	35	1.850	1.850	0.000	0.00%	0.00%
Max		1.900	1.900	0.050	2.63%	15.00%
Average		1.864	1.891	-0.027	-1.52%	3.00%
Min		1.750	1.850	-0.150	-8.57%	0.00%
Std Dev		0.046	0.019	0.049	2.76%	4.73%



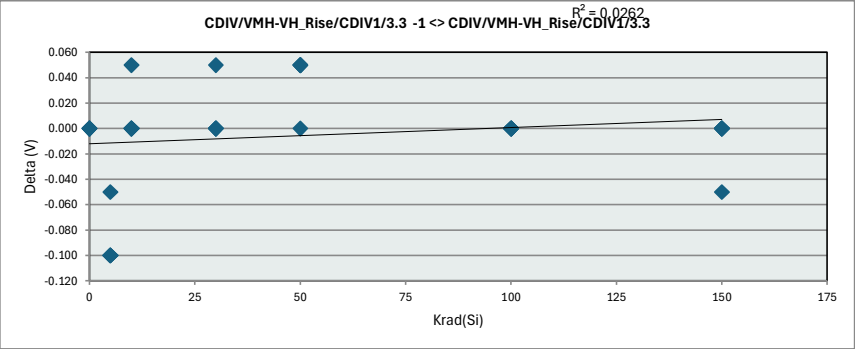
CDIV/VML-VMH_Rise/CDIV1/3.3							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	2.5						
Min Limit	1.5						
Krad(Si)	0	5	10	30	50	100	150
LL	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Min	1.850	1.900	1.900	1.900	1.900	1.900	1.850
Average	1.850	1.900	1.900	1.900	1.900	1.900	1.890
Max	1.850	1.900	1.900	1.900	1.900	1.900	1.900
UL	2.500	2.500	2.500	2.500	2.500	2.500	2.500



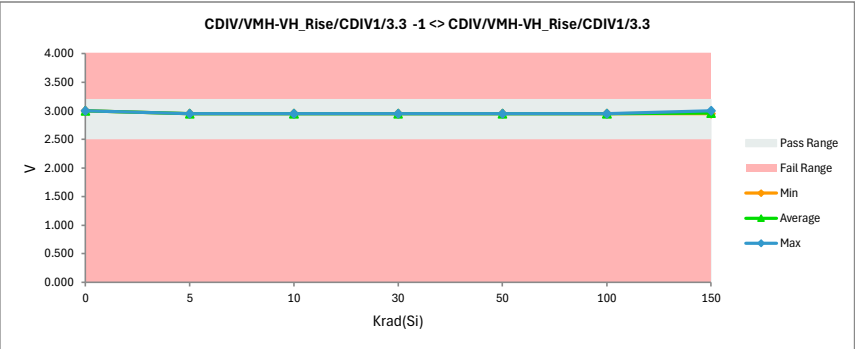
TID Report
5962R2321001PXE

CDIV/VMH-VH_Rise/CDIV1/3.3						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	V		V			
Max Limit	3.200000048		3.200000048			
Min Limit	2.5		2.5			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	2.850	2.950	-0.100	-3.51%	14.29%
5	2	2.850	2.950	-0.100	-3.51%	14.29%
5	3	2.850	2.950	-0.100	-3.51%	14.29%
5	4	2.850	2.950	-0.100	-3.51%	14.29%
5	5	2.900	2.950	-0.050	-1.72%	7.14%
10	6	2.950	2.950	0.000	0.00%	0.00%
10	7	2.950	2.950	0.000	0.00%	0.00%
10	8	2.950	2.950	0.000	0.00%	0.00%
10	9	2.950	2.950	0.000	0.00%	0.00%
10	10	3.000	2.950	0.050	1.67%	7.14%
30	11	2.950	2.950	0.000	0.00%	0.00%
30	12	2.950	2.950	0.000	0.00%	0.00%
30	13	2.950	2.950	0.000	0.00%	0.00%
30	14	2.950	2.950	0.000	0.00%	0.00%
30	15	3.000	2.950	0.050	1.67%	7.14%
50	16	3.000	2.950	0.050	1.67%	7.14%
50	17	3.000	2.950	0.050	1.67%	7.14%
50	18	3.000	2.950	0.050	1.67%	7.14%
50	19	3.000	2.950	0.050	1.67%	7.14%
50	20	2.950	2.950	0.000	0.00%	0.00%
100	21	2.950	2.950	0.000	0.00%	0.00%
100	22	2.950	2.950	0.000	0.00%	0.00%
100	23	2.950	2.950	0.000	0.00%	0.00%
100	24	2.950	2.950	0.000	0.00%	0.00%
100	25	2.950	2.950	0.000	0.00%	0.00%
150	26	2.950	2.950	0.000	0.00%	0.00%
150	27	2.950	2.950	0.000	0.00%	0.00%
150	28	2.950	2.950	0.000	0.00%	0.00%
150	29	2.950	2.950	0.000	0.00%	0.00%
150	30	2.950	3.000	-0.050	-1.69%	7.14%
0	31	3.000	3.000	0.000	0.00%	0.00%
0	32	3.000	3.000	0.000	0.00%	0.00%
0	33	3.000	3.000	0.000	0.00%	0.00%
0	34	3.000	3.000	0.000	0.00%	0.00%
0	35	3.000	3.000	0.000	0.00%	0.00%
Max		3.000	3.000	0.050	1.67%	14.29%
Average		2.953	2.959	-0.006	-0.21%	3.27%
Min		2.850	2.950	-0.100	-3.51%	0.00%
Std Dev		0.045	0.019	0.042	1.44%	5.00%

TID Report



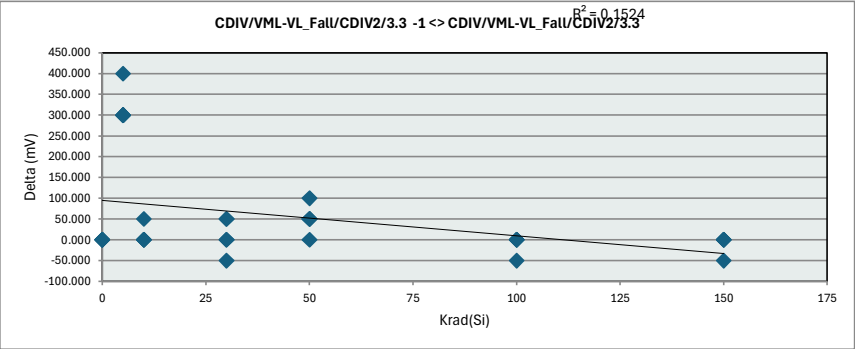
CDIV/VMH-VH_Rise/CDIV1/3.3							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	3.200000048	V					
Min Limit	2.5	V					
Krad(Si)	0	5	10	30	50	100	150
LL	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Min	3.000	2.950	2.950	2.950	2.950	2.950	2.950
Average	3.000	2.950	2.950	2.950	2.950	2.950	2.960
Max	3.000	2.950	2.950	2.950	2.950	2.950	3.000
UL	3.200	3.200	3.200	3.200	3.200	3.200	3.200



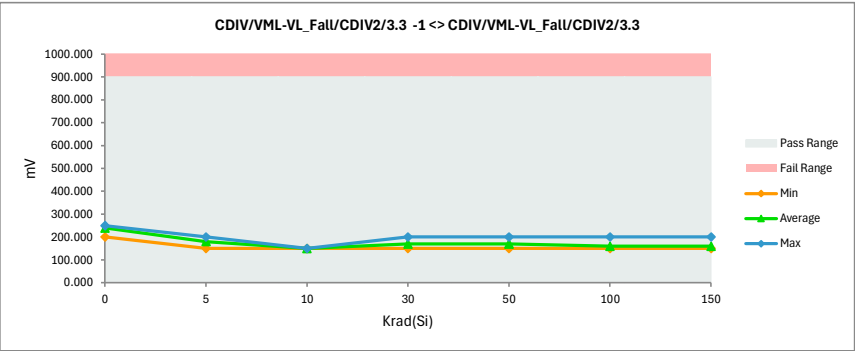
TID Report
5962R2321001PXE

CDIV/VML-VL_Fall/CDIV2/3.3 -						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	mV		mV			
Max Limit	899.9999762		899.9999762			
Min Limit	0		0			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	500.000	200.000	300.000	60.00%	33.33%
5	2	500.000	200.000	300.000	60.00%	33.33%
5	3	450.000	150.000	300.000	66.67%	33.33%
5	4	500.000	200.000	300.000	60.00%	33.33%
5	5	550.000	150.000	400.000	72.73%	44.44%
10	6	150.000	150.000	0.000	0.00%	0.00%
10	7	150.000	150.000	0.000	0.00%	0.00%
10	8	150.000	150.000	0.000	0.00%	0.00%
10	9	150.000	150.000	0.000	0.00%	0.00%
10	10	200.000	150.000	50.000	25.00%	5.56%
30	11	150.000	200.000	-50.000	-33.33%	5.56%
30	12	150.000	150.000	0.000	0.00%	0.00%
30	13	200.000	200.000	0.000	0.00%	0.00%
30	14	200.000	150.000	50.000	25.00%	5.56%
30	15	200.000	150.000	50.000	25.00%	5.56%
50	16	200.000	200.000	0.000	0.00%	0.00%
50	17	200.000	150.000	50.000	25.00%	5.56%
50	18	250.000	200.000	50.000	20.00%	5.56%
50	19	200.000	150.000	50.000	25.00%	5.56%
50	20	250.000	150.000	100.000	40.00%	11.11%
100	21	150.000	150.000	0.000	0.00%	0.00%
100	22	150.000	150.000	0.000	0.00%	0.00%
100	23	150.000	150.000	0.000	0.00%	0.00%
100	24	150.000	200.000	-50.000	-33.33%	5.56%
100	25	150.000	150.000	0.000	0.00%	0.00%
150	26	150.000	150.000	0.000	0.00%	0.00%
150	27	150.000	150.000	0.000	0.00%	0.00%
150	28	150.000	150.000	0.000	0.00%	0.00%
150	29	150.000	150.000	0.000	0.00%	0.00%
150	30	150.000	200.000	-50.000	-33.33%	5.56%
0	31	200.000	200.000	0.000	0.00%	0.00%
0	32	250.000	250.000	0.000	0.00%	0.00%
0	33	250.000	250.000	0.000	0.00%	0.00%
0	34	250.000	250.000	0.000	0.00%	0.00%
0	35	250.000	250.000	0.000	0.00%	0.00%
Max		550.000	250.000	400.000	72.73%	44.44%
Average		228.571	175.714	52.857	11.55%	6.83%
Min		150.000	150.000	-50.000	-33.33%	0.00%
Std Dev		118.994	35.087	115.646	26.74%	12.36%

TID Report

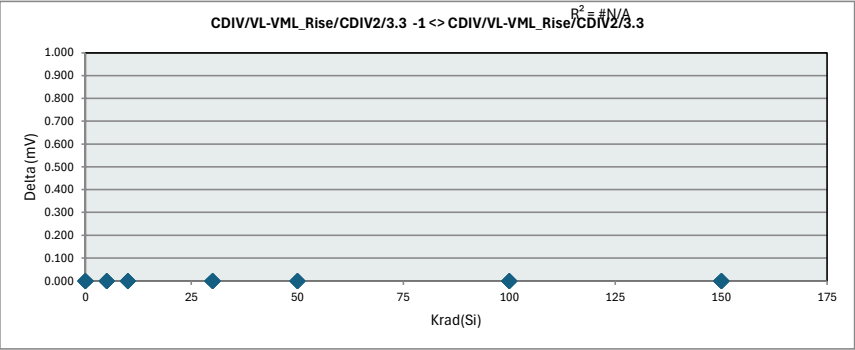


CDIV/VML-VL_Fall/CDIV2/3.3							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	899.9999762			mV			
Min Limit	0			mV			
Krad(Si)	0	5	10	30	50	100	150
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	200.000	150.000	150.000	150.000	150.000	150.000	150.000
Average	240.000	180.000	150.000	170.000	170.000	160.000	160.000
Max	250.000	200.000	150.000	200.000	200.000	200.000	200.000
UL	900.000	900.000	900.000	900.000	900.000	900.000	900.000

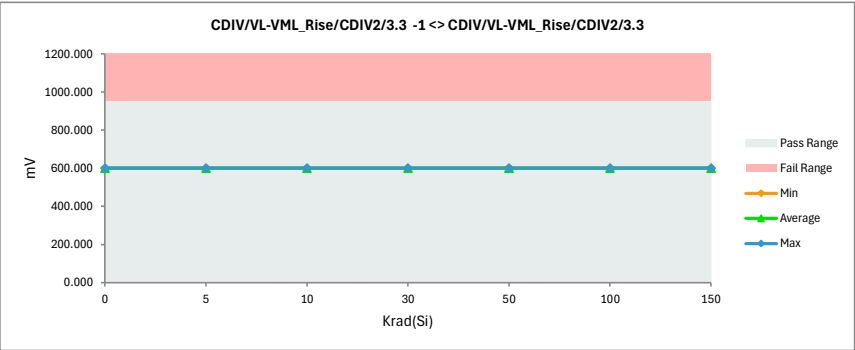


TID Report
5962R2321001PXE

CDIV/VL-VML_Rise/CDIV2/3.3						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	mV		mV			
Max Limit	949.9999881		949.9999881			
Min Limit	0		0			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	600.000	600.000	0.000	0.00%	0.00%
5	2	600.000	600.000	0.000	0.00%	0.00%
5	3	600.000	600.000	0.000	0.00%	0.00%
5	4	600.000	600.000	0.000	0.00%	0.00%
5	5	600.000	600.000	0.000	0.00%	0.00%
10	6	600.000	600.000	0.000	0.00%	0.00%
10	7	600.000	600.000	0.000	0.00%	0.00%
10	8	600.000	600.000	0.000	0.00%	0.00%
10	9	600.000	600.000	0.000	0.00%	0.00%
10	10	600.000	600.000	0.000	0.00%	0.00%
30	11	600.000	600.000	0.000	0.00%	0.00%
30	12	600.000	600.000	0.000	0.00%	0.00%
30	13	600.000	600.000	0.000	0.00%	0.00%
30	14	600.000	600.000	0.000	0.00%	0.00%
30	15	600.000	600.000	0.000	0.00%	0.00%
50	16	600.000	600.000	0.000	0.00%	0.00%
50	17	600.000	600.000	0.000	0.00%	0.00%
50	18	600.000	600.000	0.000	0.00%	0.00%
50	19	600.000	600.000	0.000	0.00%	0.00%
50	20	600.000	600.000	0.000	0.00%	0.00%
100	21	600.000	600.000	0.000	0.00%	0.00%
100	22	600.000	600.000	0.000	0.00%	0.00%
100	23	600.000	600.000	0.000	0.00%	0.00%
100	24	600.000	600.000	0.000	0.00%	0.00%
100	25	600.000	600.000	0.000	0.00%	0.00%
150	26	600.000	600.000	0.000	0.00%	0.00%
150	27	600.000	600.000	0.000	0.00%	0.00%
150	28	600.000	600.000	0.000	0.00%	0.00%
150	29	600.000	600.000	0.000	0.00%	0.00%
150	30	600.000	600.000	0.000	0.00%	0.00%
0	31	600.000	600.000	0.000	0.00%	0.00%
0	32	600.000	600.000	0.000	0.00%	0.00%
0	33	600.000	600.000	0.000	0.00%	0.00%
0	34	600.000	600.000	0.000	0.00%	0.00%
0	35	600.000	600.000	0.000	0.00%	0.00%
Max		600.000	600.000	0.000	0.00%	0.00%
Average		600.000	600.000	0.000	0.00%	0.00%
Min		600.000	600.000	0.000	0.00%	0.00%
Std Dev		0.000	0.000	0.000	0.00%	0.00%

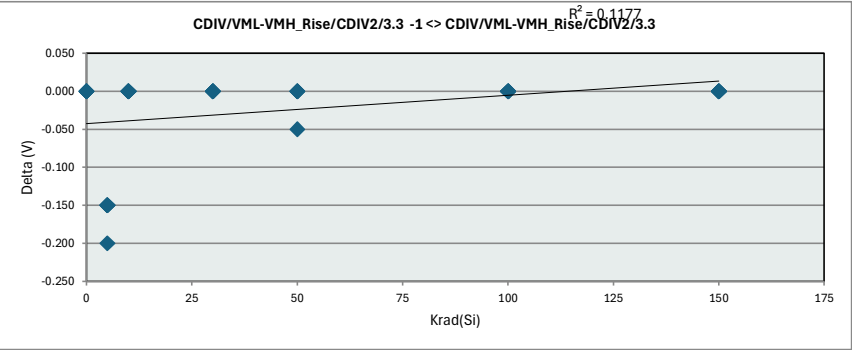


CDIV/VL-VML_Rise/CDIV2/3.3							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	949.9999881 mV						
Min Limit	0 mV						
Krad(Si)	0	5	10	30	50	100	150
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	600.000	600.000	600.000	600.000	600.000	600.000	600.000
Average	600.000	600.000	600.000	600.000	600.000	600.000	600.000
Max	600.000	600.000	600.000	600.000	600.000	600.000	600.000
UL	950.000	950.000	950.000	950.000	950.000	950.000	950.000

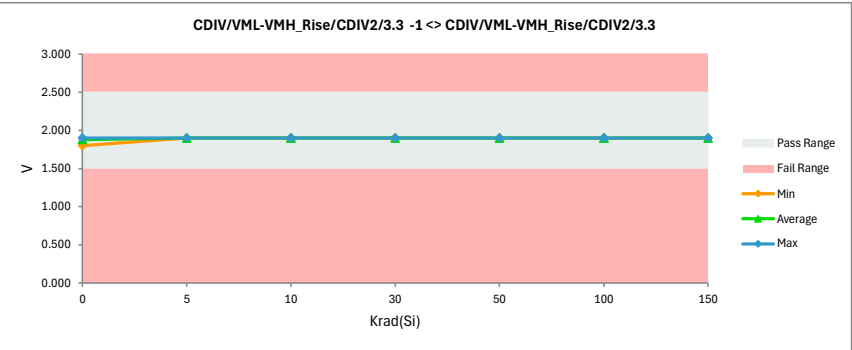


TID Report
5962R2321001PXE

CDIV/VML-VMH_Rise/CDIV2/3.3						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	V		V			
Max Limit	2.5		2.5			
Min Limit	1.5		1.5			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	1.750	1.900	-0.150	-8.57%	15.00%
5	2	1.750	1.900	-0.150	-8.57%	15.00%
5	3	1.750	1.900	-0.150	-8.57%	15.00%
5	4	1.750	1.900	-0.150	-8.57%	15.00%
5	5	1.700	1.900	-0.200	-11.76%	20.00%
10	6	1.900	1.900	0.000	0.00%	0.00%
10	7	1.900	1.900	0.000	0.00%	0.00%
10	8	1.900	1.900	0.000	0.00%	0.00%
10	9	1.900	1.900	0.000	0.00%	0.00%
10	10	1.900	1.900	0.000	0.00%	0.00%
30	11	1.900	1.900	0.000	0.00%	0.00%
30	12	1.900	1.900	0.000	0.00%	0.00%
30	13	1.900	1.900	0.000	0.00%	0.00%
30	14	1.900	1.900	0.000	0.00%	0.00%
30	15	1.900	1.900	0.000	0.00%	0.00%
50	16	1.900	1.900	0.000	0.00%	0.00%
50	17	1.850	1.900	-0.050	-2.70%	5.00%
50	18	1.900	1.900	0.000	0.00%	0.00%
50	19	1.900	1.900	0.000	0.00%	0.00%
50	20	1.900	1.900	0.000	0.00%	0.00%
100	21	1.900	1.900	0.000	0.00%	0.00%
100	22	1.900	1.900	0.000	0.00%	0.00%
100	23	1.900	1.900	0.000	0.00%	0.00%
100	24	1.900	1.900	0.000	0.00%	0.00%
100	25	1.900	1.900	0.000	0.00%	0.00%
150	26	1.900	1.900	0.000	0.00%	0.00%
150	27	1.900	1.900	0.000	0.00%	0.00%
150	28	1.900	1.900	0.000	0.00%	0.00%
150	29	1.900	1.900	0.000	0.00%	0.00%
150	30	1.900	1.900	0.000	0.00%	0.00%
0	31	1.900	1.900	0.000	0.00%	0.00%
0	32	1.800	1.800	0.000	0.00%	0.00%
0	33	1.900	1.900	0.000	0.00%	0.00%
0	34	1.900	1.900	0.000	0.00%	0.00%
0	35	1.900	1.900	0.000	0.00%	0.00%
Max		1.900	1.900	0.000	0.00%	20.00%
Average		1.873	1.897	-0.024	-1.39%	2.43%
Min		1.700	1.800	-0.200	-11.76%	0.00%
Std Dev		0.059	0.017	0.057	3.31%	5.74%



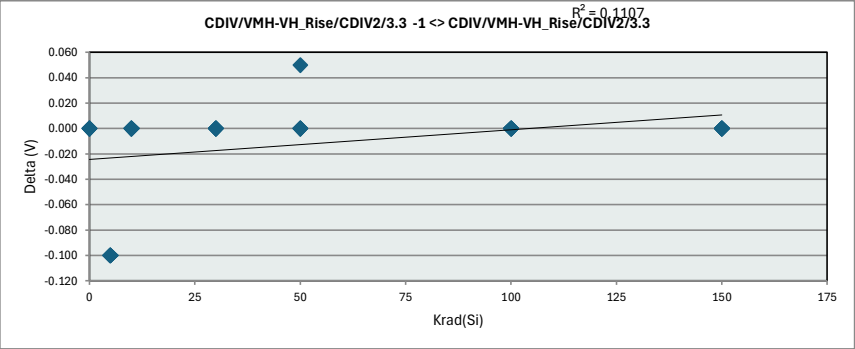
CDIV/VML-VMH_Rise/CDIV2/3.3							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	2.5						
Min Limit	1.5						
Krad(Si)	0	5	10	30	50	100	150
LL	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Min	1.800	1.900	1.900	1.900	1.900	1.900	1.900
Average	1.880	1.900	1.900	1.900	1.900	1.900	1.900
Max	1.900	1.900	1.900	1.900	1.900	1.900	1.900
UL	2.500	2.500	2.500	2.500	2.500	2.500	2.500



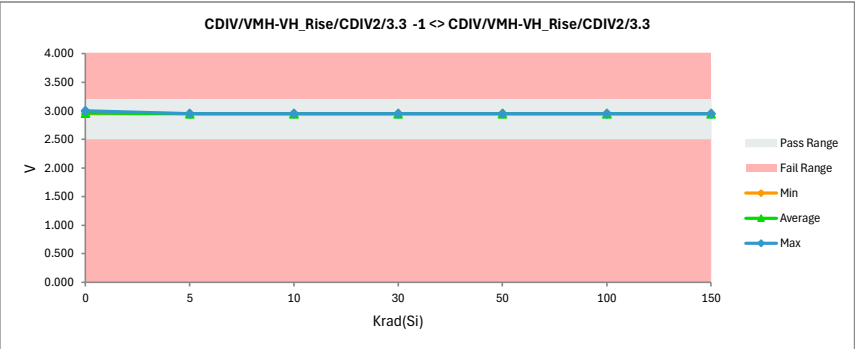
TID Report
5962R2321001PXE

CDIV/VMH-VH_Rise/CDIV2/3.3						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	V		V			
Max Limit	3.200000048		3.200000048			
Min Limit	2.5		2.5			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	2.850	2.950	-0.100	-3.51%	14.29%
5	2	2.850	2.950	-0.100	-3.51%	14.29%
5	3	2.850	2.950	-0.100	-3.51%	14.29%
5	4	2.850	2.950	-0.100	-3.51%	14.29%
5	5	2.850	2.950	-0.100	-3.51%	14.29%
10	6	2.950	2.950	0.000	0.00%	0.00%
10	7	2.950	2.950	0.000	0.00%	0.00%
10	8	2.950	2.950	0.000	0.00%	0.00%
10	9	2.950	2.950	0.000	0.00%	0.00%
10	10	2.950	2.950	0.000	0.00%	0.00%
30	11	2.950	2.950	0.000	0.00%	0.00%
30	12	2.950	2.950	0.000	0.00%	0.00%
30	13	2.950	2.950	0.000	0.00%	0.00%
30	14	2.950	2.950	0.000	0.00%	0.00%
30	15	2.950	2.950	0.000	0.00%	0.00%
50	16	2.950	2.950	0.000	0.00%	0.00%
50	17	3.000	2.950	0.050	1.67%	7.14%
50	18	2.950	2.950	0.000	0.00%	0.00%
50	19	2.950	2.950	0.000	0.00%	0.00%
50	20	2.950	2.950	0.000	0.00%	0.00%
100	21	2.950	2.950	0.000	0.00%	0.00%
100	22	2.950	2.950	0.000	0.00%	0.00%
100	23	2.950	2.950	0.000	0.00%	0.00%
100	24	2.950	2.950	0.000	0.00%	0.00%
100	25	2.950	2.950	0.000	0.00%	0.00%
150	26	2.950	2.950	0.000	0.00%	0.00%
150	27	2.950	2.950	0.000	0.00%	0.00%
150	28	2.950	2.950	0.000	0.00%	0.00%
150	29	2.950	2.950	0.000	0.00%	0.00%
150	30	2.950	2.950	0.000	0.00%	0.00%
0	31	2.950	2.950	0.000	0.00%	0.00%
0	32	3.000	3.000	0.000	0.00%	0.00%
0	33	2.950	2.950	0.000	0.00%	0.00%
0	34	2.950	2.950	0.000	0.00%	0.00%
0	35	2.950	2.950	0.000	0.00%	0.00%
Max		3.000	3.000	0.050	1.67%	14.29%
Average		2.939	2.951	-0.013	-0.45%	2.24%
Min		2.850	2.950	-0.100	-3.51%	0.00%
Std Dev		0.039	0.008	0.037	1.30%	5.13%

TID Report



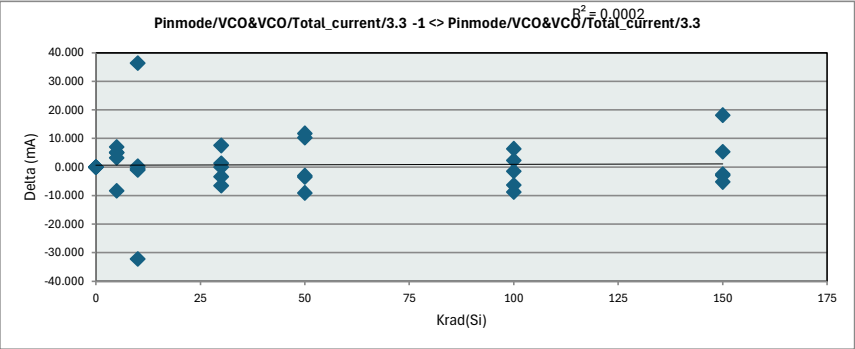
CDIV/VMH-VH_Rise/CDIV2/3.3							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	3.200000048						
Min Limit	2.5						
Krad(Si)	0	5	10	30	50	100	150
LL	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Min	2.950	2.950	2.950	2.950	2.950	2.950	2.950
Average	2.960	2.950	2.950	2.950	2.950	2.950	2.950
Max	3.000	2.950	2.950	2.950	2.950	2.950	2.950
UL	3.200	3.200	3.200	3.200	3.200	3.200	3.200



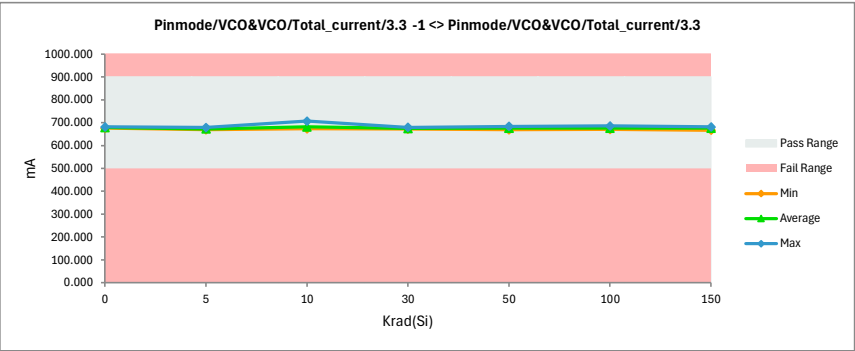
TID Report
5962R2321001PXE

		Pinmode/VCO&VCO/Total_current				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		mA	mA			
Max Limit		899.9999762	899.9999762			
Min Limit		500	500			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	670.924	679.191	-8.268	-1.23%	2.07%
5	2	680.333	673.265	7.068	1.04%	1.77%
5	3	674.962	669.799	5.163	0.76%	1.29%
5	4	677.020	671.932	5.088	0.75%	1.27%
5	5	672.874	669.623	3.251	0.48%	0.81%
10	6	678.110	677.788	0.322	0.05%	0.08%
10	7	674.301	706.474	-32.174	-4.77%	8.04%
10	8	675.282	675.829	-0.547	-0.08%	0.14%
10	9	709.689	673.269	36.420	5.13%	9.10%
10	10	673.537	674.470	-0.933	-0.14%	0.23%
30	11	672.872	679.328	-6.457	-0.96%	1.61%
30	12	679.854	672.286	7.568	1.11%	1.89%
30	13	672.685	672.724	-0.039	-0.01%	0.01%
30	14	673.357	672.037	1.320	0.20%	0.33%
30	15	671.505	674.812	-3.307	-0.49%	0.83%
50	16	669.640	672.599	-2.959	-0.44%	0.74%
50	17	685.332	675.011	10.321	1.51%	2.58%
50	18	676.477	679.895	-3.418	-0.51%	0.85%
50	19	680.646	668.855	11.791	1.73%	2.95%
50	20	674.389	683.440	-9.051	-1.34%	2.26%
100	21	676.483	685.193	-8.710	-1.29%	2.18%
100	22	672.921	670.552	2.369	0.35%	0.59%
100	23	669.179	675.434	-6.255	-0.93%	1.56%
100	24	669.984	671.426	-1.442	-0.22%	0.36%
100	25	685.201	678.734	6.467	0.94%	1.62%
150	26	669.376	672.308	-2.931	-0.44%	0.73%
150	27	685.171	666.990	18.181	2.65%	4.55%
150	28	675.998	681.215	-5.216	-0.77%	1.30%
150	29	678.333	680.811	-2.478	-0.37%	0.62%
150	30	684.221	678.867	5.354	0.78%	1.34%
0	31	675.797	675.797	0.000	0.00%	0.00%
0	32	677.876	677.876	0.000	0.00%	0.00%
0	33	681.079	681.079	0.000	0.00%	0.00%
0	34	681.406	681.406	0.000	0.00%	0.00%
0	35	678.526	678.526	0.000	0.00%	0.00%
Max		709.689	706.474	36.420	5.13%	9.10%
Average		677.295	676.538	0.757	0.10%	1.53%
Min		669.179	666.990	-32.174	-4.77%	0.00%
Std Dev		7.285	6.845	10.217	1.48%	2.03%

TID Report

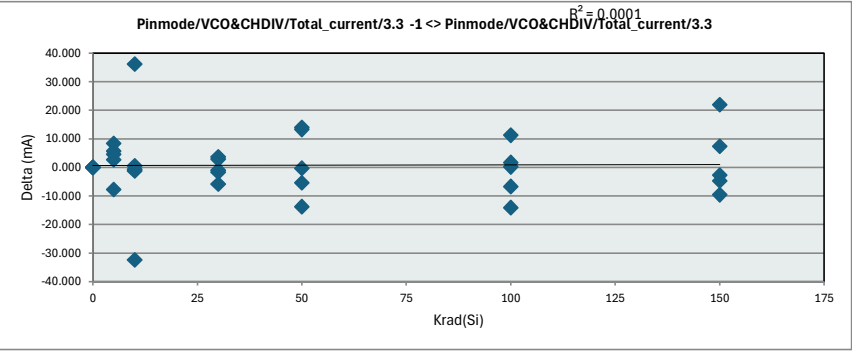


		Pinmode/VCO&VCO/Total_curr						
Test Site		CLAB						
Tester		UFLEX+02						
Test Number		PF365800						
Max Limit		899.9999762	mA					
Min Limit		500	mA					
Krad(Si)		0	5	10	30	50	100	150
LL		500.000	500.000	500.000	500.000	500.000	500.000	500.000
Min		675.797	669.623	673.269	672.037	668.855	670.552	666.990
Average		678.937	672.762	681.566	674.237	675.960	676.268	676.038
Max		681.406	679.191	706.474	679.329	683.440	685.193	681.215
UL		900.000	900.000	900.000	900.000	900.000	900.000	900.000

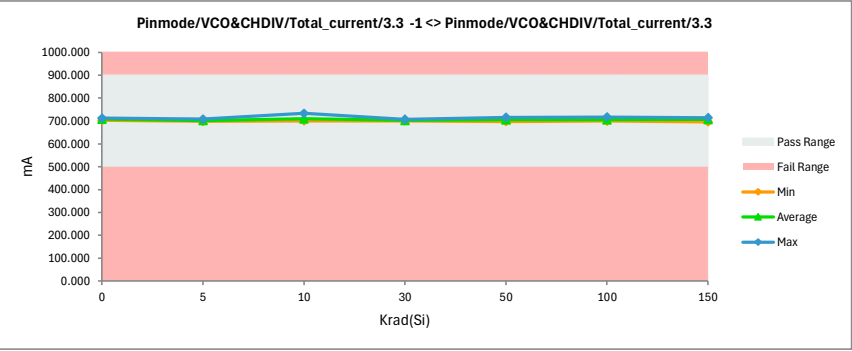


TID Report
5962R2321001PXE

		Pinmode/VCO&CHDIV/Total_current/3.3				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		mA	mA			
Max Limit		899.9999762	899.9999762			
Min Limit		500	500			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	700.106	707.886	-7.781	-1.11%	1.95%
5	2	710.174	701.810	8.364	1.18%	2.09%
5	3	706.236	700.447	5.789	0.82%	1.45%
5	4	705.571	702.895	2.676	0.38%	0.67%
5	5	703.606	698.964	4.641	0.66%	1.16%
10	6	711.011	710.528	0.483	0.07%	0.12%
10	7	701.087	733.464	-32.377	-4.62%	8.09%
10	8	702.797	703.419	-0.622	-0.09%	0.16%
10	9	736.513	700.318	36.195	4.91%	9.05%
10	10	700.578	701.823	-1.245	-0.18%	0.31%
30	11	701.419	707.228	-5.809	-0.83%	1.45%
30	12	706.962	704.127	2.834	0.40%	0.71%
30	13	703.966	700.323	3.643	0.52%	0.91%
30	14	700.035	701.741	-1.706	-0.24%	0.43%
30	15	702.314	703.279	-0.966	-0.14%	0.24%
50	16	699.833	700.153	-0.320	-0.05%	0.08%
50	17	717.403	703.372	14.031	1.96%	3.51%
50	18	705.329	710.723	-5.394	-0.76%	1.35%
50	19	711.545	698.291	13.254	1.86%	3.31%
50	20	702.076	715.800	-13.724	-1.95%	3.43%
100	21	703.337	717.405	-14.068	-2.00%	3.52%
100	22	701.415	699.707	1.708	0.24%	0.43%
100	23	697.735	704.434	-6.699	-0.96%	1.67%
100	24	699.482	699.288	0.193	0.03%	0.05%
100	25	717.227	705.949	11.278	1.57%	2.82%
150	26	698.677	701.372	-2.695	-0.39%	0.67%
150	27	718.650	696.707	21.943	3.05%	5.49%
150	28	705.408	714.950	-9.542	-1.35%	2.39%
150	29	707.998	712.732	-4.734	-0.67%	1.18%
150	30	715.776	708.382	7.394	1.03%	1.85%
0	31	703.256	703.256	0.000	0.00%	0.00%
0	32	707.936	707.936	0.000	0.00%	0.00%
0	33	710.281	710.281	0.000	0.00%	0.00%
0	34	712.489	712.489	0.000	0.00%	0.00%
0	35	708.253	708.253	0.000	0.00%	0.00%
Max		736.513	733.464	36.195	4.91%	9.05%
Average		706.757	705.992	0.764	0.10%	1.73%
Min		697.735	696.707	-32.377	-4.62%	0.00%
Std Dev		7.676	7.188	11.130	1.56%	2.17%



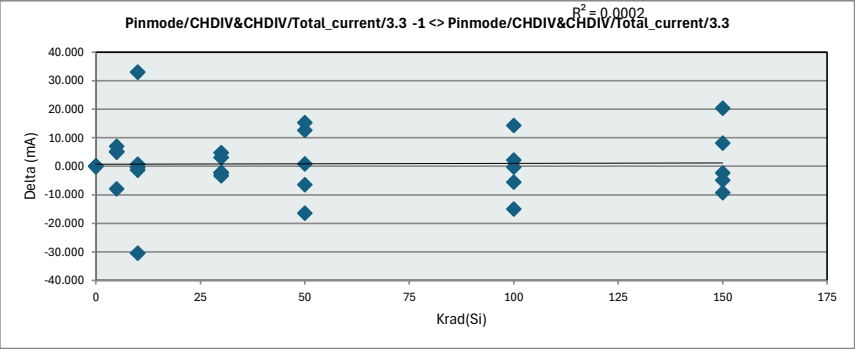
		Pinmode/VCO&CHDIV/Total_current/3.3						
Test Site		CLAB						
Tester		UFLEX+02						
Test Number		PF365800						
Max Limit		899.9999762	mA					
Min Limit		500	mA					
Krad(Si)		0	5	10	30	50	100	150
LL		500.000	500.000	500.000	500.000	500.000	500.000	500.000
Min		703.256	698.964	700.318	700.323	698.291	699.288	696.707
Average		708.443	702.401	709.910	703.340	705.668	705.357	706.829
Max		712.489	707.886	733.464	707.228	715.800	717.405	714.950
UL		900.000	900.000	900.000	900.000	900.000	900.000	900.000



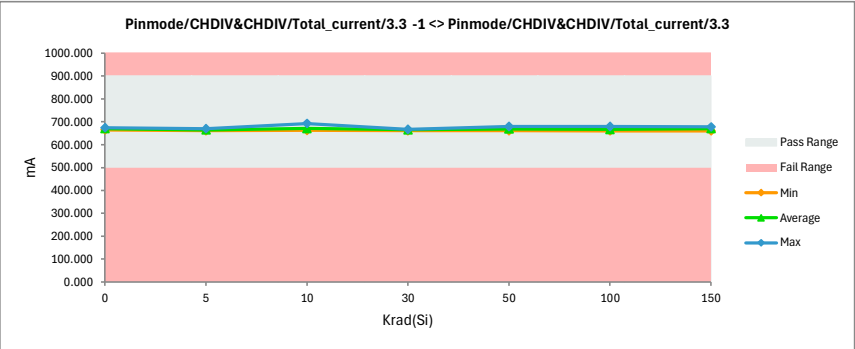
TID Report
5962R2321001PXE

		Pinmode/CHDIV&CHDIV/Total_c				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		mA	mA			
Max Limit		899.9999762	899.9999762			
Min Limit		500	500			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	661.967	669.874	-7.907	-1.19%	1.98%
5	2	671.417	664.437	6.980	1.04%	1.75%
5	3	667.473	662.353	5.120	0.77%	1.28%
5	4	669.201	664.182	5.019	0.75%	1.25%
5	5	665.922	660.864	5.058	0.76%	1.26%
10	6	674.340	673.638	0.702	0.10%	0.18%
10	7	661.967	692.454	-30.487	-4.61%	7.62%
10	8	663.680	664.057	-0.378	-0.06%	0.09%
10	9	695.098	662.150	32.948	4.74%	8.24%
10	10	662.135	663.510	-1.375	-0.21%	0.34%
30	11	663.845	667.111	-3.266	-0.49%	0.82%
30	12	668.325	665.242	3.083	0.46%	0.77%
30	13	665.896	661.210	4.686	0.70%	1.17%
30	14	661.542	663.901	-2.358	-0.36%	0.59%
30	15	663.963	666.147	-2.184	-0.33%	0.55%
50	16	662.551	661.744	0.807	0.12%	0.20%
50	17	680.876	665.591	15.284	2.24%	3.82%
50	18	667.396	673.844	-6.448	-0.97%	1.61%
50	19	673.202	660.635	12.568	1.87%	3.14%
50	20	663.248	679.635	-16.387	-2.47%	4.10%
100	21	664.469	679.453	-14.984	-2.26%	3.75%
100	22	663.104	663.385	-0.281	-0.04%	0.07%
100	23	659.665	665.242	-5.577	-0.85%	1.39%
100	24	662.446	660.274	2.172	0.33%	0.54%
100	25	680.015	665.759	14.256	2.10%	3.56%
150	26	662.735	665.109	-2.373	-0.36%	0.59%
150	27	680.537	660.195	20.342	2.99%	5.09%
150	28	668.557	677.844	-9.287	-1.39%	2.32%
150	29	670.224	675.106	-4.882	-0.73%	1.22%
150	30	678.507	670.376	8.130	1.20%	2.03%
0	31	664.894	664.894	0.000	0.00%	0.00%
0	32	669.853	669.853	0.000	0.00%	0.00%
0	33	671.996	671.996	0.000	0.00%	0.00%
0	34	673.906	673.906	0.000	0.00%	0.00%
0	35	669.516	669.516	0.000	0.00%	0.00%
Max		695.098	692.454	32.948	4.74%	8.24%
Average		668.699	667.871	0.828	0.11%	1.75%
Min		659.665	660.195	-30.487	-4.61%	0.00%
Std Dev		7.424	7.007	10.841	1.60%	2.06%

TID Report



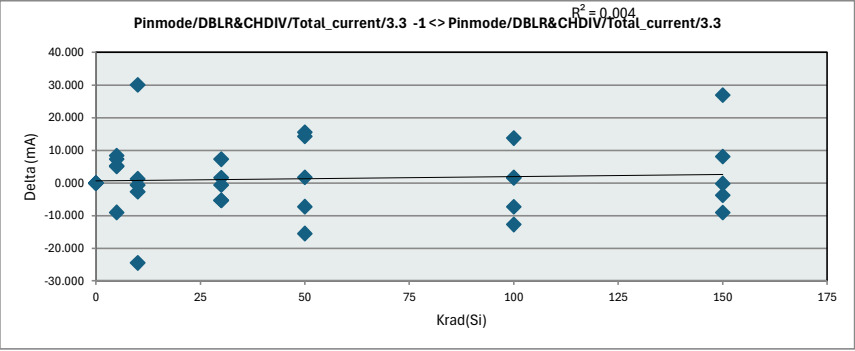
	Pinmode/CHDIV&CHDIV/Total							
Test Site	CLAB							
Tester	UFLEX+02							
Test Number	PF365800							
Max Limit	899.9999762	mA						
Min Limit	500	mA						
Krad(Si)	0	5	10	30	50	100	150	
LL	500.000	500.000	500.000	500.000	500.000	500.000	500.000	
Min	664.894	660.864	662.150	661.210	660.635	660.274	660.195	
Average	670.033	664.342	671.162	664.722	668.290	666.823	669.726	
Max	673.906	669.874	692.454	667.111	679.635	679.453	677.844	
UL	900.000	900.000	900.000	900.000	900.000	900.000	900.000	



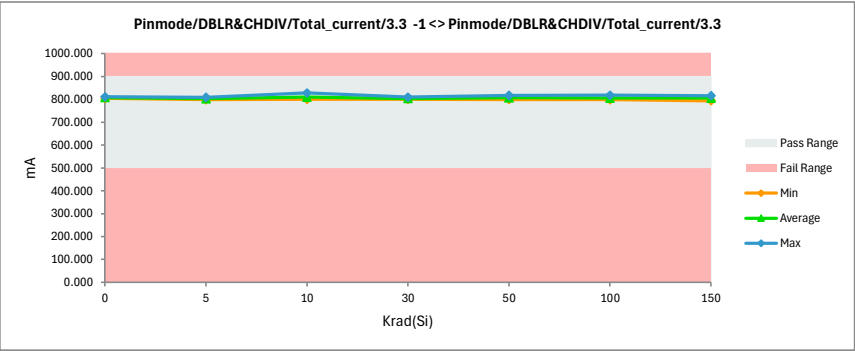
TID Report
5962R2321001PXE

		Pinmode/DBLR&CHDIV/Total_current/3.3				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		mA	mA			
Max Limit		899.9999762	899.9999762			
Min Limit		500	500			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	800.148	809.173	-9.025	-1.13%	2.26%
5	2	811.861	803.463	8.398	1.03%	2.10%
5	3	806.924	801.911	5.013	0.62%	1.25%
5	4	808.299	803.004	5.296	0.66%	1.32%
5	5	805.735	798.438	7.298	0.91%	1.82%
10	6	812.928	811.670	1.257	0.15%	0.31%
10	7	803.765	828.231	-24.466	-3.04%	6.12%
10	8	804.843	805.510	-0.667	-0.08%	0.17%
10	9	830.474	800.439	30.034	3.62%	7.51%
10	10	800.856	803.540	-2.684	-0.34%	0.67%
30	11	804.014	809.321	-5.306	-0.66%	1.33%
30	12	809.012	801.710	7.302	0.90%	1.83%
30	13	802.407	800.802	1.605	0.20%	0.40%
30	14	800.706	801.326	-0.620	-0.08%	0.16%
30	15	800.882	806.164	-5.283	-0.66%	1.32%
50	16	801.360	799.609	1.751	0.22%	0.44%
50	17	819.582	804.051	15.531	1.89%	3.88%
50	18	806.377	813.629	-7.253	-0.90%	1.81%
50	19	813.977	799.706	14.271	1.75%	3.57%
50	20	802.012	817.509	-15.497	-1.93%	3.87%
100	21	805.345	818.095	-12.750	-1.58%	3.19%
100	22	802.366	800.594	1.772	0.22%	0.44%
100	23	797.446	804.761	-7.315	-0.92%	1.83%
100	24	800.216	798.686	1.530	0.19%	0.38%
100	25	819.790	806.051	13.739	1.68%	3.43%
150	26	797.545	801.300	-3.755	-0.47%	0.94%
150	27	821.135	794.236	26.899	3.28%	6.72%
150	28	806.948	816.043	-9.096	-1.13%	2.27%
150	29	808.619	808.832	-0.212	-0.03%	0.05%
150	30	815.977	807.885	8.092	0.99%	2.02%
0	31	804.167	804.167	0.000	0.00%	0.00%
0	32	807.711	807.711	0.000	0.00%	0.00%
0	33	811.177	811.177	0.000	0.00%	0.00%
0	34	811.415	811.415	0.000	0.00%	0.00%
0	35	806.551	806.551	0.000	0.00%	0.00%
Max		830.474	828.231	30.034	3.62%	7.51%
Average		807.502	806.192	1.310	0.15%	1.81%
Min		797.446	794.236	-24.466	-3.04%	0.00%
Std Dev		7.321	6.819	10.652	1.31%	1.95%

TID Report



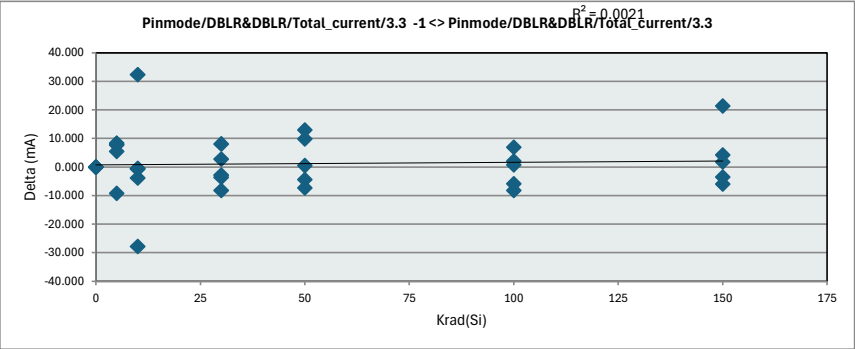
	Pinmode/DBLR&CHDIV/Total						
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	899.9999762		mA				
Min Limit	500		mA				
Krad(Si)	0	5	10	30	50	100	150
LL	500.000	500.000	500.000	500.000	500.000	500.000	500.000
Min	804.167	798.437	800.439	800.802	799.609	798.686	794.236
Average	808.204	803.198	809.878	803.865	806.901	805.637	805.659
Max	811.415	809.173	828.231	809.321	817.509	818.095	816.043
UL	900.000	900.000	900.000	900.000	900.000	900.000	900.000



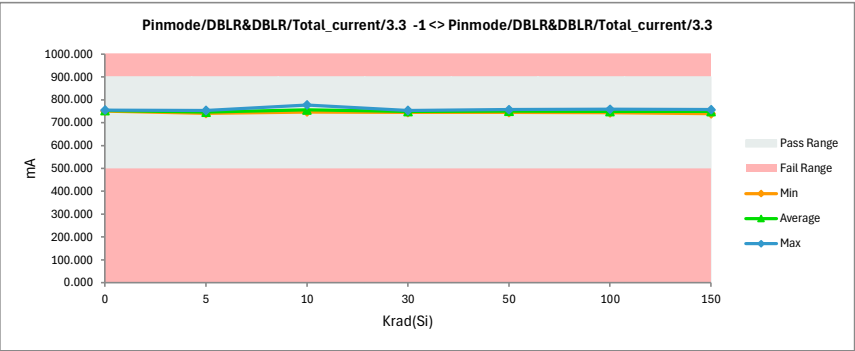
TID Report
5962R2321001PXE

Pinmode/DBLR&DBLR/Total_current						
Test Site	CLAB		CLAB			
Tester	UFLEX+02		UFLEX+02			
Test Number	PF365800		PF365800			
Unit	mA		mA			
Max Limit	899.9999762		899.9999762			
Min Limit	500		500			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	744.160	753.316	-9.156	-1.23%	2.29%
5	2	756.297	747.941	8.356	1.10%	2.09%
5	3	749.278	743.768	5.510	0.74%	1.38%
5	4	752.900	745.014	7.886	1.05%	1.97%
5	5	748.980	741.212	7.768	1.04%	1.94%
10	6	752.130	752.733	-0.603	-0.08%	0.15%
10	7	749.765	777.553	-27.788	-3.71%	6.95%
10	8	750.542	750.945	-0.403	-0.05%	0.10%
10	9	779.458	747.055	32.403	4.16%	8.10%
10	10	747.027	750.817	-3.789	-0.51%	0.95%
30	11	749.679	753.235	-3.556	-0.47%	0.89%
30	12	752.282	744.156	8.126	1.08%	2.03%
30	13	744.396	747.259	-2.862	-0.38%	0.72%
30	14	747.248	744.433	2.815	0.38%	0.70%
30	15	743.386	751.535	-8.150	-1.10%	2.04%
50	16	746.463	745.907	0.556	0.07%	0.14%
50	17	758.816	748.922	9.894	1.30%	2.47%
50	18	751.902	756.280	-4.377	-0.58%	1.09%
50	19	757.256	744.212	13.044	1.72%	3.26%
50	20	749.564	756.836	-7.272	-0.97%	1.82%
100	21	750.699	758.855	-8.156	-1.09%	2.04%
100	22	746.502	744.396	2.105	0.28%	0.53%
100	23	743.023	748.918	-5.894	-0.79%	1.47%
100	24	743.867	743.088	0.779	0.10%	0.19%
100	25	760.183	753.201	6.982	0.92%	1.75%
150	26	742.392	745.806	-3.414	-0.46%	0.85%
150	27	760.359	738.916	21.443	2.82%	5.36%
150	28	750.729	756.630	-5.901	-0.79%	1.48%
150	29	751.329	749.499	1.830	0.24%	0.46%
150	30	755.181	750.930	4.251	0.56%	1.06%
0	31	751.956	751.956	0.000	0.00%	0.00%
0	32	751.561	751.561	0.000	0.00%	0.00%
0	33	754.994	754.994	0.000	0.00%	0.00%
0	34	754.218	754.218	0.000	0.00%	0.00%
0	35	751.149	751.149	0.000	0.00%	0.00%
Max		779.458	777.553	32.403	4.16%	8.10%
Average		751.419	750.207	1.212	0.15%	1.61%
Min		742.392	738.916	-27.788	-3.71%	0.00%
Std Dev		6.810	6.772	9.817	1.29%	1.86%

TID Report



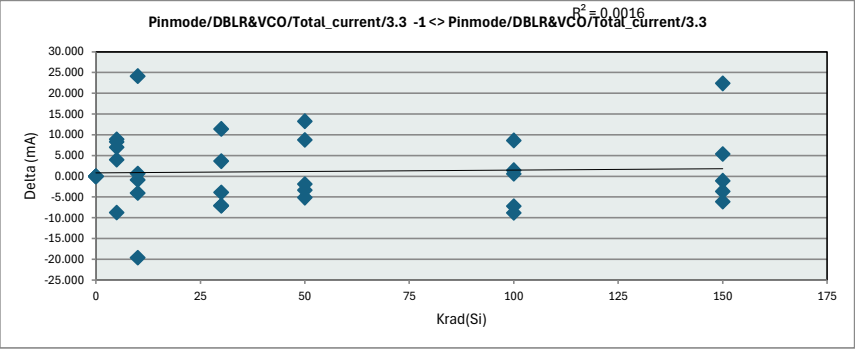
Pinmode/DBLR&DBLR/Total_c							
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	899.9999762 mA						
Min Limit	500 mA						
Krad(Si)	0	5	10	30	50	100	150
LL	500.000	500.000	500.000	500.000	500.000	500.000	500.000
Min	751.149	741.212	747.055	744.156	744.212	743.088	738.916
Average	752.776	746.250	755.821	748.124	750.431	749.691	748.356
Max	754.994	753.316	777.553	753.235	756.836	758.855	756.630
UL	900.000	900.000	900.000	900.000	900.000	900.000	900.000



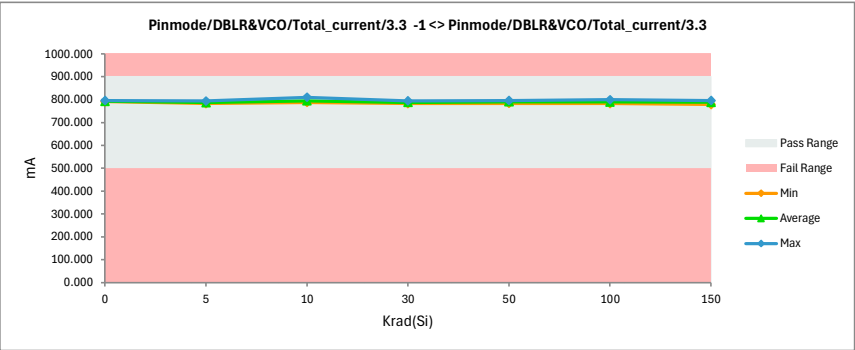
TID Report
5962R2321001PXE

		Pinmode/DBLR&VCO/Total_current				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		mA	mA			
Max Limit		899.9999762	899.9999762			
Min Limit		500	500			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	784.936	793.704	-8.768	-1.12%	2.19%
5	2	797.066	788.153	8.913	1.12%	2.23%
5	3	788.966	784.988	3.978	0.50%	0.99%
5	4	793.607	785.271	8.336	1.05%	2.08%
5	5	789.412	782.402	7.010	0.89%	1.75%
10	6	793.298	792.672	0.627	0.08%	0.16%
10	7	790.580	810.201	-19.621	-2.48%	4.91%
10	8	790.861	791.696	-0.835	-0.11%	0.21%
10	9	812.003	787.865	24.138	2.97%	6.03%
10	10	787.142	791.208	-4.066	-0.52%	1.02%
30	11	787.494	794.534	-7.040	-0.89%	1.76%
30	12	794.685	783.250	11.435	1.44%	2.86%
30	13	783.589	787.483	-3.895	-0.50%	0.97%
30	14	786.734	783.108	3.626	0.46%	0.91%
30	15	782.797	789.949	-7.152	-0.91%	1.79%
50	16	785.880	787.743	-1.863	-0.24%	0.47%
50	17	798.330	789.552	8.778	1.10%	2.19%
50	18	792.348	795.706	-3.358	-0.42%	0.84%
50	19	797.124	783.881	13.244	1.66%	3.31%
50	20	790.769	795.929	-5.161	-0.65%	1.29%
100	21	790.475	799.285	-8.810	-1.11%	2.20%
100	22	786.612	785.170	1.442	0.18%	0.36%
100	23	782.029	789.211	-7.182	-0.92%	1.80%
100	24	783.672	783.080	0.592	0.08%	0.15%
100	25	800.746	792.090	8.656	1.08%	2.16%
150	26	781.490	785.123	-3.633	-0.46%	0.91%
150	27	800.939	778.555	22.385	2.79%	5.60%
150	28	790.374	796.508	-6.135	-0.78%	1.53%
150	29	791.063	792.127	-1.064	-0.13%	0.27%
150	30	796.107	790.756	5.352	0.67%	1.34%
0	31	791.839	791.839	0.000	0.00%	0.00%
0	32	792.610	792.610	0.000	0.00%	0.00%
0	33	793.612	793.612	0.000	0.00%	0.00%
0	34	795.916	795.916	0.000	0.00%	0.00%
0	35	790.893	790.893	0.000	0.00%	0.00%
Max		812.003	810.201	24.138	2.97%	6.03%
Average		791.314	790.173	1.141	0.14%	1.55%
Min		781.490	778.555	-19.621	-2.48%	0.00%
Std Dev		6.253	5.940	8.698	1.09%	1.53%

TID Report



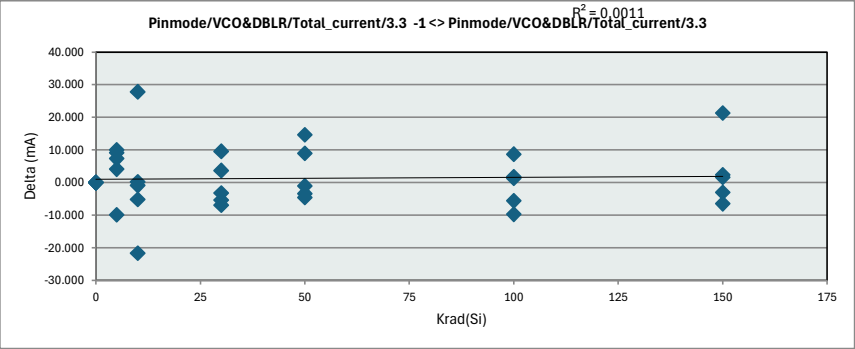
		Pinmode/DBLR&VCO/Total_current						
Test Site		CLAB						
Tester		UFLEX+02						
Test Number		PF365800						
Max Limit		899.9999762	mA					
Min Limit		500	mA					
Krad(Si)		0	5	10	30	50	100	150
LL		500.000	500.000	500.000	500.000	500.000	500.000	500.000
Min		790.893	782.402	787.865	783.108	783.881	783.080	778.555
Average		792.974	786.904	794.728	787.665	790.562	789.767	788.614
Max		795.916	793.704	810.201	794.534	795.929	799.285	796.508
UL		900.000	900.000	900.000	900.000	900.000	900.000	900.000



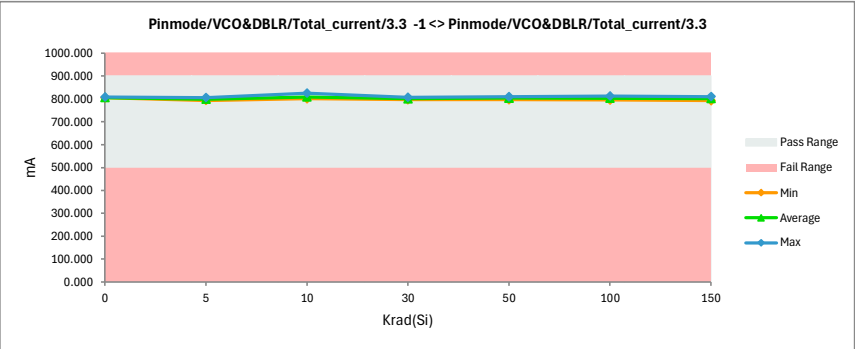
TID Report
5962R2321001PXE

		Pinmode/VCO&DBLR/Total_current				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		mA	mA			
Max Limit		899.9999762	899.9999762			
Min Limit		500	500			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	795.899	805.802	-9.903	-1.24%	2.48%
5	2	808.759	801.392	7.366	0.91%	1.84%
5	3	801.083	796.959	4.124	0.51%	1.03%
5	4	807.014	796.961	10.053	1.25%	2.51%
5	5	802.677	793.474	9.203	1.15%	2.30%
10	6	805.759	805.506	0.253	0.03%	0.06%
10	7	803.905	825.599	-21.694	-2.70%	5.42%
10	8	803.598	804.465	-0.867	-0.11%	0.22%
10	9	828.779	800.916	27.863	3.36%	6.97%
10	10	800.150	805.323	-5.173	-0.65%	1.29%
30	11	801.615	806.950	-5.334	-0.67%	1.33%
30	12	806.960	797.390	9.570	1.19%	2.39%
30	13	796.787	799.950	-3.163	-0.40%	0.79%
30	14	800.525	796.839	3.686	0.46%	0.92%
30	15	797.131	804.034	-6.903	-0.87%	1.73%
50	16	799.545	800.557	-1.013	-0.13%	0.25%
50	17	811.248	802.332	8.916	1.10%	2.23%
50	18	806.154	809.505	-3.352	-0.42%	0.84%
50	19	811.093	796.457	14.636	1.80%	3.66%
50	20	803.471	808.083	-4.611	-0.57%	1.15%
100	21	802.813	812.503	-9.690	-1.21%	2.42%
100	22	799.154	797.832	1.322	0.17%	0.33%
100	23	795.234	800.843	-5.609	-0.71%	1.40%
100	24	797.204	795.446	1.757	0.22%	0.44%
100	25	814.044	805.347	8.697	1.07%	2.17%
150	26	795.341	798.332	-2.991	-0.38%	0.75%
150	27	813.842	792.513	21.329	2.62%	5.33%
150	28	803.431	809.915	-6.484	-0.81%	1.62%
150	29	805.019	803.347	1.672	0.21%	0.42%
150	30	807.143	804.789	2.354	0.29%	0.59%
0	31	804.928	804.928	0.000	0.00%	0.00%
0	32	804.967	804.967	0.000	0.00%	0.00%
0	33	805.817	805.817	0.000	0.00%	0.00%
0	34	808.278	808.278	0.000	0.00%	0.00%
0	35	805.192	805.192	0.000	0.00%	0.00%
Max		828.779	825.599	27.863	3.36%	6.97%
Average		804.416	803.101	1.315	0.16%	1.57%
Min		795.234	792.513	-21.694	-2.70%	0.00%
Std Dev		6.516	6.256	9.087	1.12%	1.66%

TID Report



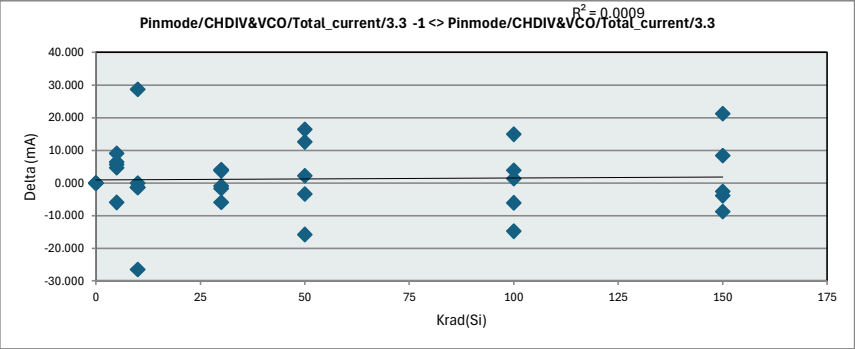
		Pinmode/VCO&DBLR/Total_current						
Test Site		CLAB						
Tester		UFLEX+02						
Test Number		PF365800						
Max Limit		899.9999762	mA					
Min Limit		500	mA					
Krad(Si)		0	5	10	30	50	100	150
LL		500.000	500.000	500.000	500.000	500.000	500.000	500.000
Min		804.928	793.474	800.916	796.839	796.457	795.446	792.513
Average		805.837	798.918	808.362	801.033	803.387	802.394	801.779
Max		808.278	805.802	825.599	806.950	809.505	812.503	809.915
UL		900.000	900.000	900.000	900.000	900.000	900.000	900.000



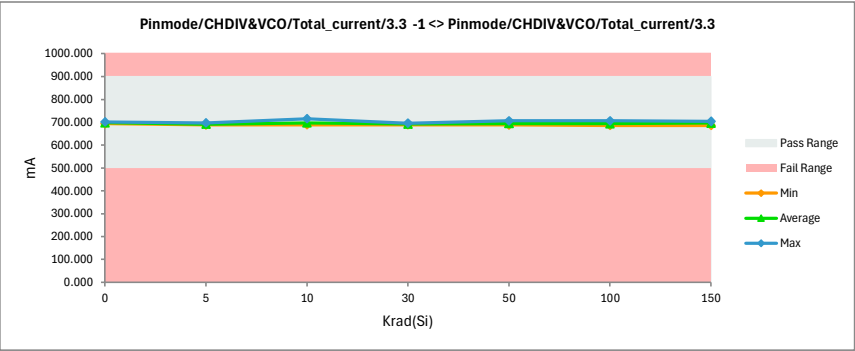
TID Report
5962R2321001PXE

		Pinmode/CHDIV&VCO/Total_current/3.3				
Test Site		CLAB	CLAB			
Tester		UFLEX+02	UFLEX+02			
Test Number		PF365800	PF365800			
Unit		mA	mA			
Max Limit		899.9999762	899.9999762			
Min Limit		500	500			
Krad(Si)	Serial #	Pre	Post	Delta	Delta %	% of Limit Range
5	1	691.040	696.979	-5.939	-0.86%	1.48%
5	2	701.029	691.946	9.083	1.30%	2.27%
5	3	694.978	690.272	4.706	0.68%	1.18%
5	4	696.907	691.244	5.663	0.81%	1.42%
5	5	694.761	688.317	6.444	0.93%	1.61%
10	6	700.451	700.447	0.004	0.00%	0.00%
10	7	689.094	715.577	-26.483	-3.84%	6.62%
10	8	692.034	693.370	-1.337	-0.19%	0.33%
10	9	717.205	688.504	28.702	4.00%	7.18%
10	10	688.195	689.544	-1.350	-0.20%	0.34%
30	11	690.062	695.969	-5.907	-0.86%	1.48%
30	12	696.679	692.645	4.034	0.58%	1.01%
30	13	692.748	689.006	3.742	0.54%	0.94%
30	14	689.390	691.111	-1.721	-0.25%	0.43%
30	15	691.055	691.991	-0.936	-0.14%	0.23%
50	16	690.171	687.927	2.244	0.33%	0.56%
50	17	708.925	692.553	16.372	2.31%	4.09%
50	18	695.748	699.134	-3.386	-0.49%	0.85%
50	19	701.108	688.510	12.598	1.80%	3.15%
50	20	690.658	706.459	-15.801	-2.29%	3.95%
100	21	691.259	706.060	-14.802	-2.14%	3.70%
100	22	691.426	690.100	1.326	0.19%	0.33%
100	23	686.716	692.789	-6.072	-0.88%	1.52%
100	24	690.358	686.513	3.845	0.56%	0.96%
100	25	707.110	692.175	14.934	2.11%	3.73%
150	26	689.697	692.323	-2.626	-0.38%	0.66%
150	27	707.809	686.601	21.209	3.00%	5.30%
150	28	695.426	704.217	-8.791	-1.26%	2.20%
150	29	697.834	701.735	-3.901	-0.56%	0.98%
150	30	705.563	697.164	8.398	1.19%	2.10%
0	31	693.885	693.885	0.000	0.00%	0.00%
0	32	697.218	697.218	0.000	0.00%	0.00%
0	33	698.748	698.748	0.000	0.00%	0.00%
0	34	701.752	701.752	0.000	0.00%	0.00%
0	35	697.692	697.692	0.000	0.00%	0.00%
Max		717.205	715.577	28.702	4.00%	7.18%
Average		696.135	694.871	1.264	0.17%	1.73%
Min		686.716	686.513	-26.483	-3.84%	0.00%
Std Dev		6.914	6.534	10.238	1.46%	1.89%

TID Report



	Pinmode/CHDIV&VCO/Total_c						
Test Site	CLAB						
Tester	UFLEX+02						
Test Number	PF365800						
Max Limit	899.9999762		mA				
Min Limit	500		mA				
Krad(Si)	0	5	10	30	50	100	150
LL	500.000	500.000	500.000	500.000	500.000	500.000	500.000
Min	693.885	688.317	688.504	689.006	687.927	686.513	686.601
Average	697.859	691.752	697.488	692.144	694.917	693.527	696.408
Max	701.752	696.980	715.577	695.969	706.459	706.060	704.217
UL	900.000	900.000	900.000	900.000	900.000	900.000	900.000



IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, regulatory or other requirements.

These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you fully indemnify TI and its representatives against any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to [TI's Terms of Sale](#), [TI's General Quality Guidelines](#), or other applicable terms available either on [ti.com](https://www.ti.com) or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products. Unless TI explicitly designates a product as custom or customer-specified, TI products are standard, catalog, general purpose devices.

TI objects to and rejects any additional or different terms you may propose.

Copyright © 2026, Texas Instruments Incorporated

Last updated 10/2025