

# ADS1282-SP Total Ionizing Dose (TID) Radiation Report



High Reliability, High Performance Analog

## ABSTRACT

This report discusses the results of the Total Ionizing Dose (TID) testing the Radiation Hardness Assured (RHA), QML Class V Texas Instrument's ADS1282-SP (5962L1423101VXC). The RHA version of the ADS1282-SP passes up to 50 krad (Si) Low Dose Rate and 50krad (Si) High Dose Rate TID.

### Note

For questions or comments, contact [hirelmarketing@list.ti.com](mailto:hirelmarketing@list.ti.com).

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## 1 Trademarks

All trademarks are the property of their respective owners.

## 2 Device Information

### 2.1 Product Description

The ADS1282-SP is a radiation-tolerant extremely high-performance, single-chip analog-to digital converter (ADC) with an integrated, low-noise programmable gain amplifier (PGA) and two-channel input multiplexer (MUX). ADS1282-SP is suitable for the demanding needs of space applications providing ultra-precision performance while maintaining radiation tolerance suitable for a large variety of satellites, payloads, sensing and other harsh environment applications.

The converter uses a fourth-order, inherently stable, delta-sigma ( $\Delta\Sigma$ ) modulator that provides outstanding noise and linearity performance. The modulator is used either in conjunction with the on-chip digital filter, or can be bypassed for use with post processing filters. The flexible input MUX provides an additional external input for measurement, as well as internal self-test connections. The PGA features outstanding low noise (5 nV/ $\sqrt{\text{Hz}}$ ) and high input impedance, allowing easy interfacing to transducers over a wide range of gains. The digital filter provides selectable data rates from 250 to 4000 samples per second (SPS). The high-pass filter (HPF) features an adjustable corner frequency. On-chip gain and offset scaling registers support system calibration. The synchronization input (SYNC) can be used to synchronize the conversions of multiple ADS1282s. The SYNC input also accepts a clock input for continuous alignment of conversions from an external source. Together, the amplifier, modulator, and filter dissipate 30 mW. The ADS1282-SP is fully specified from  $-55^{\circ}\text{C}$  to  $125^{\circ}\text{C}$ . It has been RHA qualified to 50 krad (Si) under both LDR and HDR (after 540 hours of anneal). It is orderable under SMD 5962L1423101VXC in our 28 pin thermally enhanced 28 pin HKV ceramic flat pack package.

### 2.2 Device Details

[Table 2-1](#) lists the device information used in the initial RHA TID characterization and qualification of HDR tests. Current production lot RLAT data can always be found in the Group E report shipped. The process for pulling the group E report from TI is described.

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

TID HDR/LDR Details: 50 krad(Si)	
TI Device Number	ADS1282-RHA (5962L1423101VXC)
Package	28 Pin Ceramic Flatpack (HKV)
Technology	50HPA07
Die Lot Number	4751232DM5
A/T Lot Number / Date Code	5006412MMT(LTC: 1536A), 5008799MMT (LTC: 1545AA), 5008800MMT (LTC: 1545BA)
Quantity Tested	85 units including 1 control unit.
Lot Accept/Reject	Devices passed 3 krad (Si), 10 krad (Si), 30 krad (Si) and 50 krad (Si).
HDR Radiation Facility	Texas Instruments SVA Group, Santa Clara, CA
LDR Radiation Facility	RAD/Aeroflex in Colorado Springs, Colorado
HDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si) <sup>(1)</sup>
HDR Dose Rate	65 rad/s
LDR Dose Level	3krad (Si), 10 krad(Si), 30 krad(Si), 50 krad(Si)
LDR Dose Rate	0.01 rad/s
HDR Radiation Source	Gammacell 220 Excel (GC-220E) Co-60
LDR Radiation Source	Gammacell JLSA 81-24 Co-60
Irradiation Temperature	Ambient, room temperature

(1) 50 krad(Si) units pass, per MIL-STD-883 1019.9, Condition A and section 3.12.2 acceleration Annealing test.



**Figure 2-1. ADS1282-SP Device used in Exposure**

## 3 Total Dose Test Setup

### 3.1 Test Overview

The ADS1282-SP was tested according to MIL-STD-883, Test Method 1019.9. For this testing, Condition A, Condition D and section 3.12.2 accelerated annealing tests was used. For Condition A, Condition D the product was irradiated up to 50Krad the rated radiation level and then put through parametric testing on the ATE. The device was functional and passed all electrical parametric tests with the readings within (guard bands) of the Standard Microcircuit Drawing (SMD) electrical specification limits.

The ADS1282-SP 50HPA07 process technology contains Bipolar and CMOS components. Both High Dose Rate (HDR) and Low Dose Rate (LDR) tests were performed.

### 3.2 Test Description and Facilities

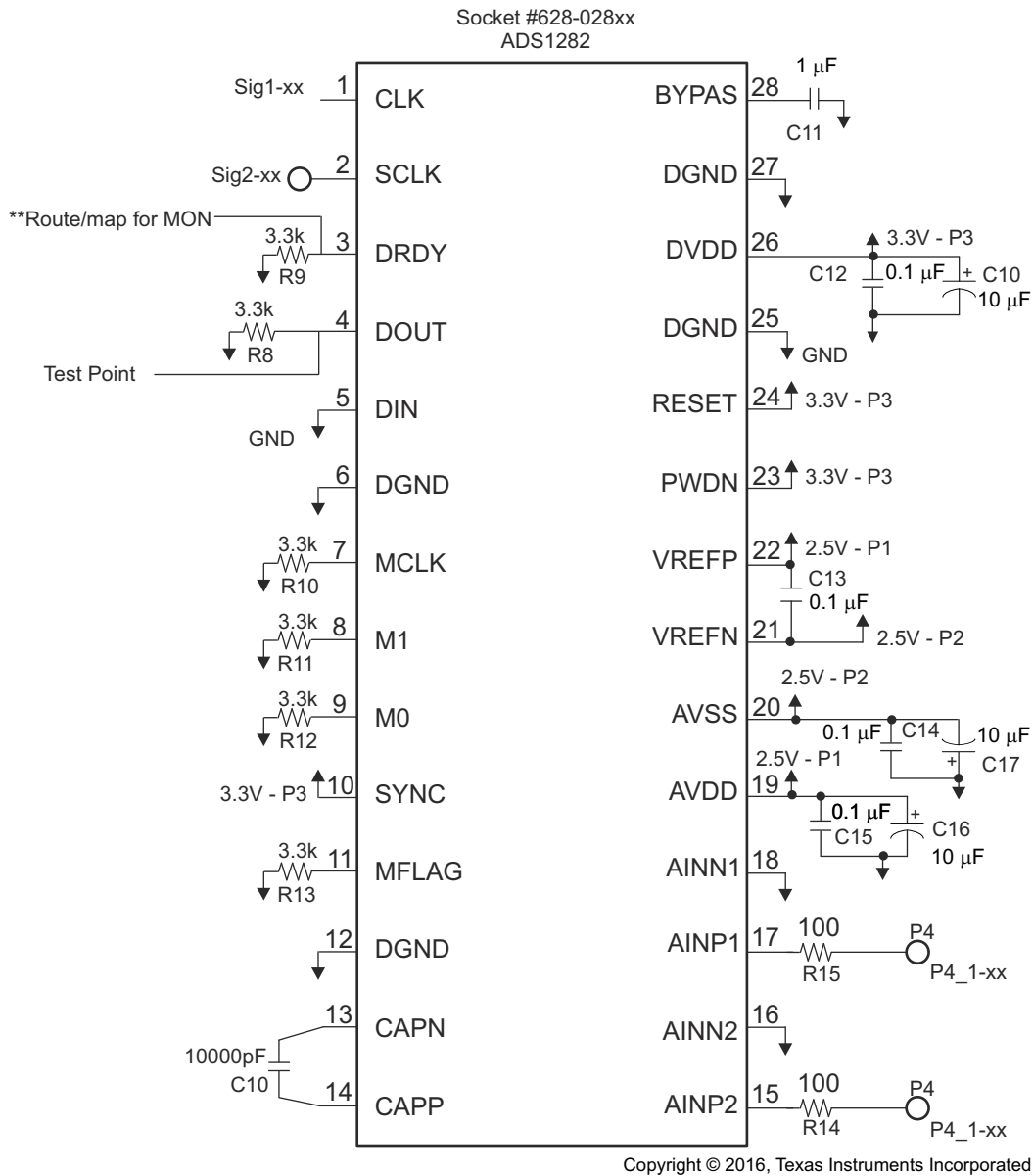
The ADS1282-SP LDR exposure was performed on biased and unbiased devices in a Co-60 gamma cell under a 10mrad (Si)/sec exposure rate. The dose rate of the irradiator used in the exposure ranges from <10 mrad(Si)/sec to a maximum of approximately 65 rad(Si)/sec, determined by the distance from the source. For the LDR (10mrad(Si)/sec) exposure, the test box was positioned approximately 2m from the source. The exposure boards are housed in a lead-aluminum box (as specified in MIL-STD-883 TM 1019.9) to harden the gamma spectrum and minimize dose enhancement effects. The irradiator calibration is maintained by Logmire Laboratories using Thermoluminescence Dosimeters (TLDs) traceable to the National Institute of Standards and Technology (NIST) and the dosimetry was verified using TLDs prior to the radiation exposures. After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and returned to TI Dallas for a full post radiation electrical evaluation using Texas Instruments production Automated Test Equipment (ATE). ATE guard band test limits are set within SMD electrical limits to ensure a minimum Cpk and test error margin based on initial qualification and characterization data. Post radiation measurements were taken within 30 minutes of removal of the devices from the dry ice container. The devices were allowed to reach room temperature prior to electrical post radiation measurements.

The ADS1282-SP HDR exposure was performed on biased and unbiased devices in a Co60 gamma cell at TI SVA facility in Santa Clara California. The un-attenuated dose rate of this cell is 65rad(Si)/sec. After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and returned to TI Dallas for a full post radiation electrical evaluation using Texas Instruments Automated Test Equipment (ATE). ATE guard band test limits are set within SMD electrical limits to ensure a minimum Cpk and test error margin based on initial qualification and characterization data. Post radiation measurements were taken within 30 minutes of removal of the devices from the dry ice container. The devices were allowed to reach room temperature prior to electrical post radiation measurements.

### 3.3 Test Setup Details

The devices under HDR and LDR exposure were tested in both biased and unbiased conditions as.

1. **Unbiased** -- For the unbiased HDR and LDR conditions, the exposure was performed with all pins grounded.
2. **Biased** – [Figure 3-1](#) is used for HDR and LDR exposure with biased condition.



**Figure 3-1. Bias Diagram Used in TID Exposure**

### 3.4 Test Configuration and Condition

A step-stress (3k, 10k, 30k, 50k,) test method was used to determine the TID hardness level. That is, after a predetermined TID level was reached, an electrical test was performed on a given sample of parts to verify that the units are within SMD electrical test limits. MIL-STD-883, Test Method 1019.9, Condition A, Condition D and section 3.12.2 accelerated annealing tests was used in this case. If this passes, then the wafer lot can be certified as an RHA wafer lot.

Table 3-1 to Table 3-2 list the samples that used during the RHA characterization

**Table 3-1. HDR = 65 rad(Si)/sec Biased Device Information**

Total Samples: 5 Biased/TID level			
Exposure Levels:			
3k	10k	30k	50k (RLAT Included)
142 (wafer 1)	135 (wafer 1)	333 (wafer 1)	114, 115, 116, 120,121, 123, 124, 189 190 (wafer 1) 38, 41 (wafer 2) 03, 10, 13, 15, 16, 20, 35, 47, 51, 54, 55 (wafer 3)
141 (wafer 1)	137 (wafer 1)	334 (wafer 1)	
78 (wafer 2)	64 (wafer 2)	335 (wafer 2)	
1 (wafer 3)	29 (wafer 3)	336 (wafer 2)	
2 (wafer 3)	30 (wafer 3)	337 (wafer 3)	

Control Unit: 112, 134

**Table 3-2. HDR = 65 rad(Si)/sec UnBiased Device Information**

Total Samples: 5 Unbiased/TID level			
Exposure Levels:			
3k	10k	30k	50k
138 (wafer 1)	133 (wafer 1)	322 (wafer 1)	112, 113, 117, 118, 119, 125, 126, 127, 191, 192 (wafer 1) 45, 77(wafer 2) 05, 06, 12, 14, 19, 38, 45, 56, 57,67 (wafer 3)
140 (wafer 1)	132 (wafer 1)	329 (wafer 2)	
21 (wafer 2)	75 (wafer 2)	330 (wafer 2)	
31 (wafer 2)	27 (wafer 3)	331 (wafer 3)	
7 (wafer 3)	25 (wafer 3)	332 (wafer 3)	

Control Unit: 112, 134

**Table 3-3. LDR = 10 mrad(Si)/sec Biased Device Information**

Total Samples: 5 Biased/TID level			
Exposure Levels:			
3k	10k	30k	50k (RLAT Included)
162 (wafer 1)	160 (wafer 1)	158 (wafer 1)	146, 148, 180, 182, 183, 184, 185, 186 (wafer 1) 10, 11, 13, 14, 15, 17, 18 (wafer 2) 32, 33, 34, 39, 78, 79, 80 (wafer 3)
165 (wafer 1)	54 (wafer 2)	59 (wafer 2)	
48 (wafer 2)	56 (wafer 2)	63 (wafer 2)	
51 (wafer 2)	61 (wafer 3)	64 (wafer 3)	
60 (wafer 3)	62 (wafer 3)	68 (wafer 3)	

Control Unit: 112, 132

**Table 3-4. LDR = 10 mrad(Si)/sec Unbiased Device Information**

Total Samples: 5 Unbiased/TID level			
Exposure Levels:			
3k	10k	30k	50k (RLAT Included)
154 (wafer 1)	145 (wafer 1)	150 (wafer 1)	171, 172, 173, 174, 176, 178, 179 (wafer 1) 26, 32, 35, 37, 39, 40, 44, 80 (wafer 2) 41, 42, 43, 44, 46, 49, 50 (wafer 3)
155 (wafer 1)	153 (wafer 1)	152 (wafer 1)	
66 (wafer 2)	70(wafer 2)	1 (wafer 2)	
69 (wafer 2)	72 (wafer 3)	4 (wafer 3)	
72 (wafer 3)	73 (wafer 3)	74 (wafer 3)	

Control Unit: 112, 132

## 4 Total Ionizing Dose (RHA) Characterization Test Results

### 4.1 Total Ionizing Dose RHA Characterization Summary Results

The parametric data for the ADS1282-SP passes up to 50 krad(Si) Low Dose Rate and 50 krad(Si) High Dose Rate TID post 540Hrs room temp anneal making the effective dose rate of 25.72 mrad/sec per TM 1019 paragraph 3.11.2.C.

The 50 krad(Si) HDR units after accelerated anneal of 168hrs and 100C were parametrically tested on ATE post exposure and passed all tests to the specified SMD test limits. These units do not exhibit time dependent effects (TDE).

The drift of SMD electrical parameters including critical parameters through low dose rate (LDR) is within experimental error to the drift at high dose rate (HDR). The device is tested to maximum total dose of 50 krad(Si) per MIL-STD-883, TM1090 condition A, Condition D and section 3.12.2 accelerated annealing tests.

The ADS1282-SP passed post electrical test over all the conditions below ensuring that the wafer lot is certifiable as 50krad RHA. Samples were assembled and included from all five sections (top, bottom, mid, right, left) from one wafer level variability regarding TID drift through post electrical test on ATE after High Dose Rate and Low Dose Rate exposure.

- HDR (100 rad/sec) unbiased: Post 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si)
- HDR (100 rad/sec) biased: Post 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si)
- LDR (0.01 rad/sec) unbiased: Post 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si)
- LDR (0.01 rad/sec) biased: Post 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si)

---

#### Note

150 krad(Si) units pass, per MIL-STD-883 1019.9, Condition A, section 3.12.2 accelerated annealing test.

Effective dose rate is 25.72 mrad/sec per TM 1019 paragraph 3.11.2C (Effective Maximum Dose Rate  $R_{max} = D_{spec}/T_{max} = 50 \text{ KRAD}/540 \text{ HOURS}$ )

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## 4.2 Group E Full RHA Radiation Lot Acceptance (RLAT) Report

The Group E RHA RLAT summary is shipped with each TI RHA QMLV product. To see the list of all documents shipped with TI QMLV products and to pull the full RHA (Group E) report, review our TI QMLV Lot Documents and Add link to lit number: [SBOA140](#). This document also has instructions on how to pull the full RHA (Group E) report.

## **5 Applicable and Reference Documents**

### **5.1 Applicable Documents**

*ADS1282-SP Radiation Tolerant High- Resolution Delta Sigma ADC* ([SBAS691](#))

*ADS1282-SP Evaluation Module*

*ADS1282-SP Evaluation Module User Guide* ([SBAU277](#))

*ADS1282-SP Single Event Effects (SEE) Radiation Report* ([SBAA222](#))

### **5.2 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.

## 6 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

<b>Changes from Revision * (November 2016) to Revision A (June 2022)</b>	<b>Page</b>
• Updated TID information.....	<a href="#">10</a>



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**Total Ionizing Dose (TID)  
ADS1282-RHA  
(5962L1423101VXC)**

**Class V, 32-BIT, ANALOG-TO-DIGITAL CONVERTER**

Date: 3/1/2016  
Approved by: Brent Rhoton  
12500 TI Blvd  
Dallas , TX 75243  
Phone: 214-479-5373  
Email: [brentr@ti.com](mailto:brentr@ti.com)



## 1.0 Summary

Texas Instruments (TI) plans to release a radiation hardness assurance (RHA) version of the ADS1282-SP, 32-Bit Analog-To-Digital Converter. The ADS1282-SP passes 50 Krad (Si) total ionizing dose (TID) radiation per MIL-STD-883J, Test Method 1019.9 and Condition A. (after 540 hours of anneal) and Condition D. The test results showed that the part remained functional after irradiation up to 50 Krad (Si).

## 2.0 Radiation Source

Total Ionizing Dose Low Dose Rate (TID LDR) radiation testing was performed at the Aeroflex Radiation Assured Devices (RAD) in its Colorado Springs, CO facility using Co-60 gamma ray source with dose rate maintained at 0.01 rad(Si)/sec and accuracy of +/-10%.

Total Ionizing Dose High Dose Rate (TID HDR) radiation testing was performed by the Texas Instruments SVA Group in its Santa Clara, CA facility using Co-60 gamma ray source with dose rate maintained at 60 rad(Si)/sec and accuracy of +/-10%.

## 3.0 Test Details

The product was tested according to MIL-STD-883J, Test Method 1019.9. For this testing, Condition A was used. For this test, the product was irradiated up to 1.0x the rated radiation level and then put through parametric testing on the ATE. The device was functional and passed all parametric tests with the readings within the SMD electrical specification limits.

A step-stress test method was used to determine the TID hardness level. That is, after a predetermined TID level was reached, an electrical test was performed on a given sample of parts to verify that the units passed specified SMD electrical test limits. This demonstrates that the wafer lot can be certified RHA.

Radiation Summary report contains the detailed TID testing information for lot traceability and radiation details

## 4.0 Results

The parametric data for the ADS1282-SP passes up to 50 Krad(Si) Low Dose Rate and 50 Krad(Si) High Dose Rate TID (after 540 hours anneal). Refer to data and plots in the HDR and LDR Report bookmark.

The 50 Krad(Si) units were put through 100°C anneal for 168 hours. The units were then put through parametric testing on the ATE and passed all tests to the specified SMD test limits. These units do not exhibit time dependent effects (TDE) degradation after Rebound test, per MIL-STD-883J 1019.9, Condition A and section 3.12.2 accelerated annealing test. Refer to data and plots in the TID 50Krad HDR TDE Report Bookmark.

## ADS1282-RHA Radiation Summary Report

Device Information: ADS1282-RHA (5962L1423101VXC)

Wafer lot number: 4751232DM5

Wafer number: 4, 5, 6

Manufacturer: Texas Instruments, Inc

Controlling Specification: 5962L1423101VXC

Package Type: 28-pin Ceramic Flatpack Package

Samples were exposed biased/unbiased for HDR and LDR.

Low Dose Rate Radiation Source: Aeroflex Radiation Assured Devices (RAD) in its Colorado Springs, CO facility using Co-60 gamma ray source

Low Dose Rate: 0.01 rad(Si)/sec

Disposition: Passes Up To 50 Krad(Si)

High Dose Rate Radiation Source: Texas Instruments SVA Group in its Santa Clara, CA facility using Gammacell 220 Excel (GC-220E) Co-60 gamma ray source.

High Dose Rate: 60 rad(Si)/sec ( +/-15%)

Disposition: Passes Up To 50 Krad(Si); after 540hours Room Temp Anneal.

Note: Effective dose rate is 25.72 mrad/sec per TM 1019 paragraph 3.11.2 C  
(Effective Maximum Dose Rate  $R_{max} = D_{spec}/T_{max} = 50\text{KRAD}/540\text{HOURS}$ )

### Summary:

Passes Room Temp @:

- HDR (60 rad/sec) unbiased: Post 3 Krad(Si), 10 Krad(Si), 25 Krad(Si), 30 Krad(Si), 50 Krad(Si)
- HDR (60 rad/sec) biased: Post 3 Krad(Si), 10 Krad(Si), 25 Krad(Si), 30 Krad(Si), \*50 Krad(Si)
- LDR (0.01 rad/sec) unbiased: Post 3 Krad(Si), 10 Krad(Si), 25 Krad(Si), 50 Krad(Si)
- LDR (0.01 rad/sec) biased: Post 3 Krad(Si), 10 Krad(Si), 25 Krad(Si), 30 Krad(Si), 50 Krad(Si)

\*50 Krad(Si) units pass, after 540hours Room Temp Anneal.

Prepared By: Ram Gooty                      Date: 3/1/2016

Reviewed By: James Salzman              Date: 3/1/2016

Approved By QA: Brent Rhoton          Date: 3/1/2016

Device: ADS1282-RHA (5962L1423101VXC)  
Technology: 50HPA07  
Wafer FAB: Dallas, TX (DMOS5)

**ADS1282-RHA Radiation Test Plan:**

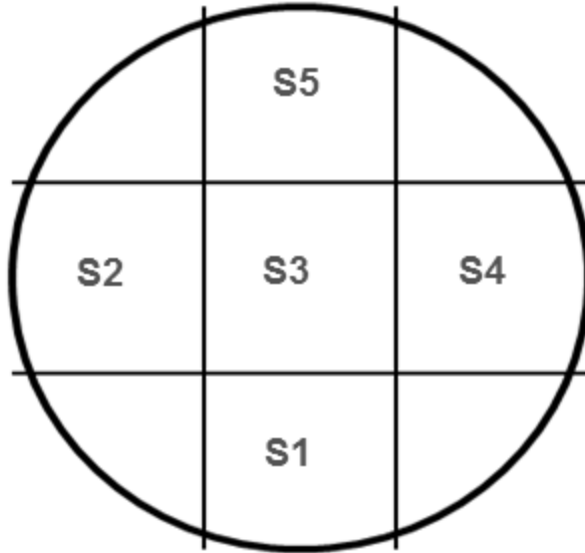
The test plan details the characterization plan for the RHA release of the ADS1282-RHA device to 50 Krad(Si) (level L). This plan also includes details on the Group E plan for production material once DLA accepts the product for release as 5962L1423101VXC.

**TID HDR Characterization**

- **HDR and Wafer Level Variability Characterization**

In order to complete the HDR characterization, TI will perform sampling across three (3) wafers with die selected from 5 segments on each wafer (top, bottom, left, right and center). Reference Table I below.

The total number of samples to be taken met the requirements as specified in MIL-PRF-38535 to classify the wafer lot as RHA to level L. Subsequent wafer lots will be covered by Group E by sampling 22 die per wafer lot.



**Table I. HDR Characterization Plan**

		<b>Test Condition</b>	<b>Total Units Tested</b>
		<b>HDR Characterization</b>	<b>Across 3 Wafers Die Picked from 5 Segments Across Each wafer.</b>
10Krads (Biased)	5		
25Krads (Biased)	5		
30Krads (Biased)	5		
50Krads (Biased)	22		
3Krads (UnBiased)	5		
10Krads (UnBiased)	5		
25Krads (UnBiased)	5		
30Krads (UnBiased)	5		
50Krads (UnBiased)	22		

## TID LDR Characterization:

TI will submit samples for LDR evaluation at which samples are built from random die across three wafers, as shown in Table II where data was taken at 3Krad, 10KRad, 25KRad, 30KRad and 50KRad.

**Table II. LDR Characterization Plan**

LDR Characterization	Across 3 Wafers Die Picked from 5 Segments Across Each wafer.	Test Condition	Total Units Tested
		3Krad (Biased)	5
10Krad (Biased)	5		
25Krad (Biased)	5		
30Krad (Biased)	5		
50Krad (Biased)	22		
3Krad (UnBiased)	5		
10Krad (UnBiased)	5		
25Krad (UnBiased)	5		
50Krad (UnBiased)	22		

**Table III. RLAT Test Sampling Plan (Group E coverage)**

RLAT (Group E)	Test Condition	Total Die Tested
	Test at RHA level: 50 Krad(Si), Dose rate: 10 mrad(Si)/s.	22 die to complete testing at 50 Krad(Si) to meet wafer lot sample size requirement per MIL-PRF-38535, TABLE B-I, Group E (RHA) TCI, Class V, Subgroup 2. Wafer lot will be qualified as RHA.

# **ADS1282-RHA**

## **TID 50Krad (Si) HDR Report**

**All units passed SMD specification limits up to 50Krad HDR after  
(540 hours anneal).**

.

## TID High Dose Rate Report: 50krad(Si)

<b>TI Part Number</b>	ADS1282-RHA (5962L1423101VXC)
<b>Device Function</b>	ADS1282-RHA 32-BIT ANALOG-TO-DIGITAL CONVERTER
<b>Package</b>	28 HKV
<b>Technology</b>	50HPA07
<b>Die Lot Number</b>	4751232DM5
<b>A/T Lot Number / Date Code</b>	5006412MMT(LTC: 1536A), 5008799MMT (LTC: 1545AA), 5008800MMT (LTC: 1545BA)
<b>Quantity Tested</b>	85 units including 1 control unit. Refer to Table I
<b>Lot Accept/Reject</b>	Devices passed 3krad (Si), 10krad(Si), 25krad(Si), 30krad(Si) and 50krad(Si) See Note 1
<b>Radiation Facility</b>	Texas Instruments Inc, San Jose, CA
<b>HDR Dose</b>	3krad(Si), 10krad(Si), 25krad(Si), 30krad(Si) and 50krad(Si)
<b>HDR Dose Rate</b>	50 to 300 rad/sec - refer to exposure record
<b>Radiation Source</b>	Gammacell 220 Excel (GC-220E) Co-60
<b>Irradiation Temperature</b>	Ambient, room temperature

Note:

1. 50 Krad(Si) units pass, after 540hours Room Temp Anneal.

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**C. EXPOSURE TIMES**

Supply Current Starting mA	Separated Total-Dose kRads(Si) <sup>1</sup>	Total Dose kRads(Si)	Time mins	Time Seconds	Exposure Time (HHMM)		Serial Number	ATE Time (HHMM) Stop	Supply Current Ending mA
					Start	Stop			
89	3	4	0.75	45	9:02	9:09	5+5		
89	10	14	2.48	149	9:17	9:19	5+5		
89	25	35	6.20	372	9:46	9:53	5+5		
89	50	69	12.38	743	11:50	12:03	5+5		
89	50	69	12.38	743	11:29	11:40	5+5		
142	50	69	12.38	743	11:04	11:17	5+5		
143	50	69	12.38	743	12:32	12:45	5+5		

<sup>1</sup> Minimum dose is 450 Rads(Si) per cycle.

\*

See attached list

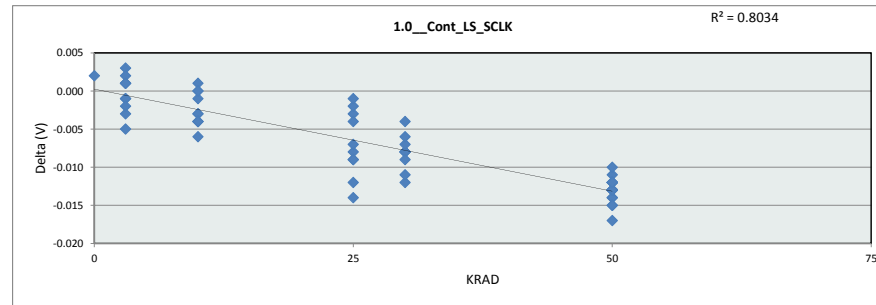
 Bias Circuit: ADS1282HKV

 Start Voltage: +2.491,-2.503,+3.302 V

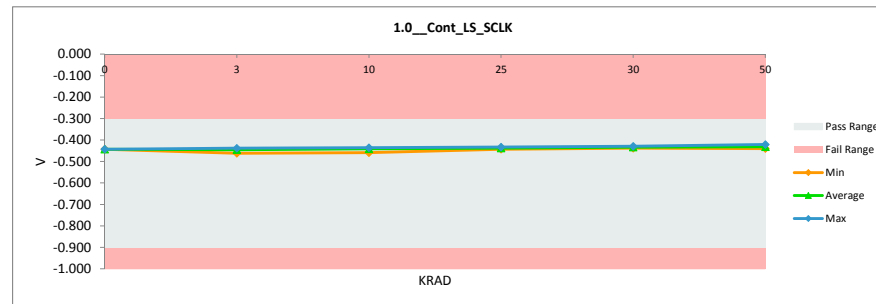
End Voltage: \_\_\_\_\_

ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		1.0_Cont_LS_SCLK		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.441	-0.443	0.002
3	A142B	-0.439	-0.438	-0.001
3	A141B	-0.444	-0.443	-0.001
3	B78B	-0.459	-0.462	0.003
3	C1B	-0.445	-0.442	-0.003
3	C2B	-0.443	-0.444	0.001
3	A138UB	-0.445	-0.446	0.001
3	A140UB	-0.442	-0.444	0.002
3	B21UB	-0.449	-0.444	-0.005
3	C7UB	-0.447	-0.448	0.001
3	C31UB	-0.444	-0.442	-0.002
10	A135B	-0.442	-0.439	-0.003
10	A137B	-0.439	-0.436	-0.003
10	B64B	-0.458	-0.459	0.001
10	C29B	-0.442	-0.441	-0.001
10	C30B	-0.443	-0.439	-0.004
10	A133UB	-0.439	-0.439	0.000
10	A132UB	-0.444	-0.438	-0.006
10	B75UB	-0.447	-0.443	-0.004
10	C27UB	-0.441	-0.441	0.000
10	C25UB	-0.440	-0.436	-0.004
25	A131B	-0.446	-0.437	-0.009
25	A130B	-0.443	-0.440	-0.003
25	B47B	-0.451	-0.443	-0.008
25	C24B	-0.444	-0.437	-0.007
25	C9B	-0.445	-0.433	-0.012
25	A129UB	-0.440	-0.436	-0.004
25	A128UB	-0.448	-0.434	-0.014
25	A118UB	-0.443	-0.441	-0.002
25	C23UB	-0.443	-0.434	-0.009
25	C22UB	-0.442	-0.441	-0.001
30	333B	-0.434	-0.430	-0.004
30	334B	-0.445	-0.437	-0.008
30	335B	-0.440	-0.432	-0.008
30	336B	-0.438	-0.430	-0.008
30	337B	-0.437	-0.429	-0.008
30	322UB	-0.445	-0.433	-0.012
30	329UB	-0.441	-0.434	-0.007
30	330UB	-0.445	-0.436	-0.009
30	331UB	-0.445	-0.434	-0.011
30	332UB	-0.444	-0.438	-0.006
50	A114B	-0.441	-0.429	-0.012
50	A115B	-0.441	-0.428	-0.013
50	A116B	-0.447	-0.434	-0.013
50	A120B	-0.444	-0.430	-0.014
50	A121B	-0.442	-0.430	-0.012
50	A123B	-0.441	-0.430	-0.011
50	A124B	-0.447	-0.434	-0.013
50	A189B	-0.446	-0.434	-0.012
50	A190B	-0.439	-0.426	-0.013
50	B41B	-0.453	-0.440	-0.013
50	B38B	-0.451	-0.438	-0.013
50	C20B	-0.447	-0.435	-0.012
50	C10B	-0.443	-0.429	-0.014
50	C15B	-0.446	-0.431	-0.015
50	C13B	-0.437	-0.424	-0.013
50	C3B	-0.446	-0.433	-0.013
50	C16B	-0.445	-0.433	-0.012
50	C35B	-0.449	-0.436	-0.013
50	C47B	-0.446	-0.434	-0.012
50	C54B	-0.438	-0.421	-0.017
50	C51B	-0.443	-0.428	-0.015
50	C55B	-0.444	-0.434	-0.010
	Max	-0.434	-0.421	0.003
	Average	-0.444	-0.437	-0.007
	Min	-0.459	-0.462	-0.017
	Std Dev	0.004	0.007	0.006

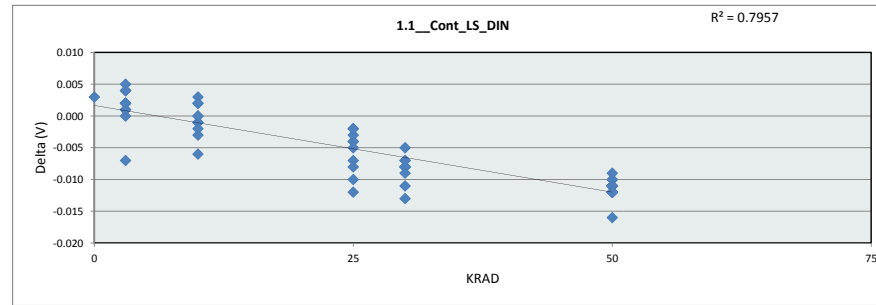


		1.0_Cont_LS_SCLK					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
KRAD	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.443	-0.462	-0.459	-0.443	-0.438	-0.440	
Average	-0.443	-0.445	-0.441	-0.438	-0.433	-0.431	
Max	-0.443	-0.438	-0.436	-0.433	-0.429	-0.421	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	

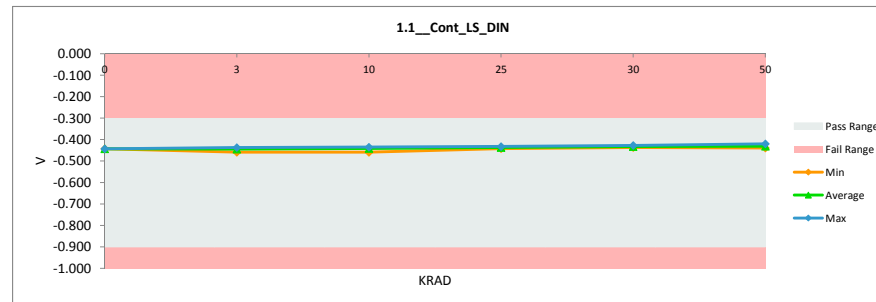


ADS1282-RHA  
 TID Report  
 TID HDR Report (3KRad - 50KRad)  
 All units passed SMD specification limits up to 50kRAD HDR

1.1_Cont_LS_DIN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.440	-0.443	0.003
3	A142B	-0.436	-0.437	0.001
3	A141B	-0.444	-0.446	0.002
3	B78B	-0.454	-0.459	0.005
3	C1B	-0.442	-0.442	0.000
3	C2B	-0.441	-0.443	0.002
3	A138UB	-0.443	-0.445	0.002
3	A140UB	-0.442	-0.443	0.001
3	B21UB	-0.447	-0.440	-0.007
3	C7UB	-0.443	-0.447	0.004
3	C31UB	-0.439	-0.443	0.004
10	A135B	-0.441	-0.440	-0.001
10	A137B	-0.436	-0.435	-0.001
10	B64B	-0.456	-0.459	0.003
10	C29B	-0.439	-0.441	0.002
10	C30B	-0.442	-0.439	-0.003
10	A133UB	-0.439	-0.439	0.000
10	A132UB	-0.443	-0.437	-0.006
10	B75UB	-0.445	-0.443	-0.002
10	C27UB	-0.440	-0.442	0.002
10	C25UB	-0.438	-0.438	0.000
25	A131B	-0.442	-0.438	-0.004
25	A130B	-0.442	-0.438	-0.004
25	B47B	-0.449	-0.442	-0.007
25	C24B	-0.440	-0.435	-0.005
25	C9B	-0.444	-0.434	-0.010
25	A129UB	-0.440	-0.437	-0.003
25	A128UB	-0.444	-0.432	-0.012
25	A118UB	-0.441	-0.439	-0.002
25	C23UB	-0.443	-0.435	-0.008
25	C22UB	-0.439	-0.437	-0.002
30	333B	-0.432	-0.427	-0.005
30	334B	-0.444	-0.436	-0.008
30	335B	-0.439	-0.431	-0.008
30	336B	-0.438	-0.430	-0.008
30	337B	-0.437	-0.429	-0.008
30	322UB	-0.444	-0.431	-0.013
30	329UB	-0.440	-0.433	-0.007
30	330UB	-0.444	-0.435	-0.009
30	331UB	-0.445	-0.434	-0.011
30	332UB	-0.444	-0.437	-0.007
50	A114B	-0.441	-0.431	-0.010
50	A115B	-0.441	-0.429	-0.012
50	A116B	-0.445	-0.434	-0.011
50	A120B	-0.443	-0.432	-0.011
50	A121B	-0.442	-0.431	-0.011
50	A123B	-0.440	-0.430	-0.010
50	A124B	-0.444	-0.433	-0.011
50	A189B	-0.445	-0.434	-0.011
50	A190B	-0.439	-0.428	-0.011
50	B41B	-0.451	-0.439	-0.012
50	B38B	-0.445	-0.433	-0.012
50	C20B	-0.443	-0.432	-0.011
50	C10B	-0.440	-0.428	-0.012
50	C15B	-0.443	-0.431	-0.012
50	C13B	-0.438	-0.426	-0.012
50	C3B	-0.443	-0.432	-0.011
50	C16B	-0.444	-0.433	-0.011
50	C35B	-0.445	-0.434	-0.011
50	C47B	-0.443	-0.431	-0.012
50	C54B	-0.436	-0.420	-0.016
50	C51B	-0.438	-0.426	-0.012
50	C55B	-0.442	-0.433	-0.009
	Max	-0.432	-0.420	0.005
	Average	-0.442	-0.436	-0.006
	Min	-0.456	-0.459	-0.016
	Std Dev	0.004	0.007	0.006

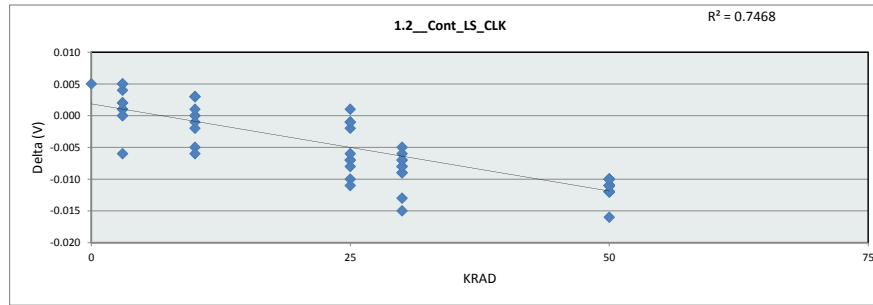


1.1_Cont_LS_DIN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
KRAD	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.443	-0.459	-0.459	-0.442	-0.437	-0.439
Average	-0.443	-0.445	-0.441	-0.437	-0.432	-0.431
Max	-0.443	-0.437	-0.435	-0.432	-0.427	-0.420
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300

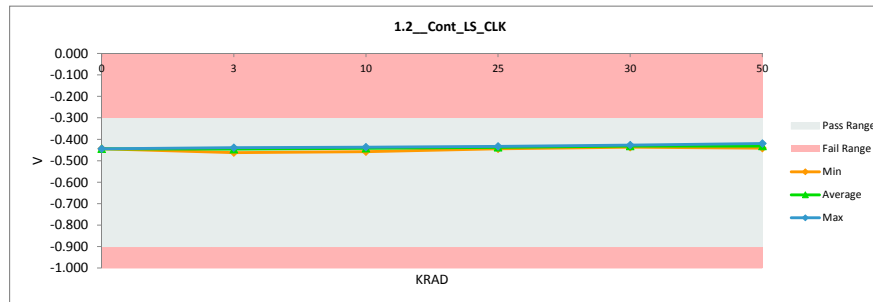


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		1.2_Cont_LS_CLK		
Test Site		CLAB	CLAB	
Tester		EAGLE3	EAGLE3	
Test Number		EF651300	EF651300	
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-0.9	-0.9	
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.439	-0.444	0.005
3	A142B	-0.437	-0.439	0.002
3	A141B	-0.444	-0.445	0.001
3	B78B	-0.457	-0.462	0.005
3	C1B	-0.444	-0.444	0.000
3	C2B	-0.443	-0.444	0.001
3	A138UB	-0.443	-0.447	0.004
3	A140UB	-0.442	-0.444	0.002
3	B21UB	-0.450	-0.444	-0.006
3	C7UB	-0.445	-0.450	0.005
3	C31UB	-0.443	-0.443	0.000
10	A135B	-0.441	-0.441	0.000
10	A137B	-0.437	-0.437	0.000
10	B64B	-0.455	-0.458	0.003
10	C29B	-0.440	-0.443	0.003
10	C30B	-0.444	-0.439	-0.005
10	A133UB	-0.439	-0.440	0.001
10	A132UB	-0.444	-0.438	-0.006
10	B75UB	-0.447	-0.445	-0.002
10	C27UB	-0.440	-0.443	0.003
10	C25UB	-0.439	-0.438	-0.001
25	A131B	-0.444	-0.437	-0.007
25	A130B	-0.441	-0.440	-0.001
25	B47B	-0.451	-0.444	-0.007
25	C24B	-0.443	-0.437	-0.006
25	C9B	-0.445	-0.435	-0.010
25	A129UB	-0.439	-0.437	-0.002
25	A128UB	-0.444	-0.433	-0.011
25	A118UB	-0.441	-0.440	-0.001
25	C23UB	-0.442	-0.434	-0.008
25	C22UB	-0.439	-0.440	0.001
30	333B	-0.433	-0.428	-0.005
30	334B	-0.446	-0.437	-0.009
30	335B	-0.439	-0.431	-0.008
30	336B	-0.438	-0.429	-0.009
30	337B	-0.435	-0.427	-0.008
30	322UB	-0.444	-0.429	-0.015
30	329UB	-0.439	-0.433	-0.006
30	330UB	-0.443	-0.436	-0.007
30	331UB	-0.446	-0.433	-0.013
30	332UB	-0.443	-0.436	-0.007
50	A114B	-0.439	-0.429	-0.010
50	A115B	-0.441	-0.430	-0.011
50	A116B	-0.446	-0.435	-0.011
50	A120B	-0.443	-0.431	-0.012
50	A121B	-0.442	-0.431	-0.011
50	A123B	-0.441	-0.430	-0.011
50	A124B	-0.445	-0.434	-0.011
50	A189B	-0.443	-0.433	-0.010
50	A190B	-0.438	-0.427	-0.011
50	B41B	-0.452	-0.441	-0.011
50	B38B	-0.447	-0.435	-0.012
50	C20B	-0.444	-0.434	-0.010
50	C10B	-0.442	-0.430	-0.012
50	C15B	-0.443	-0.431	-0.012
50	C13B	-0.437	-0.426	-0.011
50	C3B	-0.443	-0.433	-0.010
50	C16B	-0.445	-0.433	-0.012
50	C35B	-0.447	-0.436	-0.011
50	C47B	-0.444	-0.433	-0.011
50	C54B	-0.436	-0.420	-0.016
50	C51B	-0.439	-0.428	-0.011
50	C55B	-0.443	-0.433	-0.010
	Max	-0.433	-0.420	0.005
	Average	-0.443	-0.437	-0.006
	Min	-0.457	-0.462	-0.016
	Std Dev	0.004	0.007	0.006

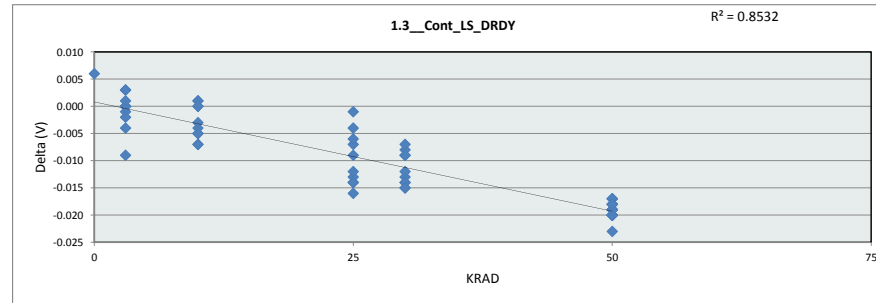


		1.2_Cont_LS_CLK					
Test Site		CLAB					
Tester		EAGLE3					
Test Number		EF651300					
Max Limit		-0.3	V				
Min Limit		-0.9	V				
KRAD		0	3	10	25	30	50
LL		-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min		-0.444	-0.462	-0.458	-0.444	-0.437	-0.441
Average		-0.444	-0.446	-0.442	-0.438	-0.432	-0.432
Max		-0.444	-0.439	-0.437	-0.433	-0.427	-0.420
UL		-0.300	-0.300	-0.300	-0.300	-0.300	-0.300

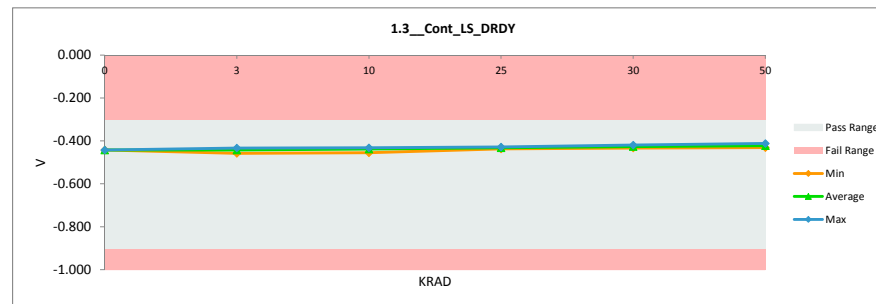


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.3_Cont_LS_DRDY				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.436	-0.442	0.006
3	A142B	-0.434	-0.433	-0.001
3	A141B	-0.442	-0.440	-0.002
3	B78B	-0.455	-0.458	0.003
3	C1B	-0.443	-0.439	-0.004
3	C2B	-0.441	-0.441	0.000
3	A138UB	-0.442	-0.445	0.003
3	A140UB	-0.441	-0.441	0.000
3	B21UB	-0.448	-0.439	-0.009
3	C7UB	-0.446	-0.446	0.000
3	C31UB	-0.439	-0.440	0.001
10	A135B	-0.441	-0.437	-0.004
10	A137B	-0.435	-0.432	-0.003
10	B64B	-0.454	-0.455	0.001
10	C29B	-0.437	-0.438	0.001
10	C30B	-0.441	-0.434	-0.007
10	A133UB	-0.437	-0.437	0.000
10	A132UB	-0.442	-0.435	-0.007
10	B75UB	-0.445	-0.440	-0.005
10	C27UB	-0.439	-0.439	0.000
10	C25UB	-0.438	-0.433	-0.005
25	A131B	-0.443	-0.429	-0.014
25	A130B	-0.439	-0.432	-0.007
25	B47B	-0.447	-0.434	-0.013
25	C24B	-0.440	-0.431	-0.009
25	C9B	-0.442	-0.428	-0.014
25	A129UB	-0.437	-0.433	-0.004
25	A128UB	-0.444	-0.428	-0.016
25	A118UB	-0.442	-0.436	-0.006
25	C23UB	-0.441	-0.429	-0.012
25	C22UB	-0.438	-0.437	-0.001
30	333B	-0.428	-0.419	-0.009
30	334B	-0.442	-0.429	-0.013
30	335B	-0.434	-0.422	-0.012
30	336B	-0.435	-0.421	-0.014
30	337B	-0.434	-0.420	-0.014
30	322UB	-0.442	-0.427	-0.015
30	329UB	-0.437	-0.429	-0.008
30	330UB	-0.440	-0.433	-0.007
30	331UB	-0.445	-0.430	-0.015
30	332UB	-0.442	-0.433	-0.009
50	A114B	-0.436	-0.419	-0.017
50	A115B	-0.440	-0.420	-0.020
50	A116B	-0.443	-0.423	-0.020
50	A120B	-0.441	-0.421	-0.020
50	A121B	-0.441	-0.422	-0.019
50	A123B	-0.440	-0.422	-0.018
50	A124B	-0.444	-0.425	-0.019
50	A189B	-0.442	-0.425	-0.017
50	A190B	-0.438	-0.418	-0.020
50	B41B	-0.451	-0.431	-0.020
50	B38B	-0.447	-0.427	-0.020
50	C20B	-0.442	-0.425	-0.017
50	C10B	-0.440	-0.421	-0.019
50	C15B	-0.441	-0.422	-0.019
50	C13B	-0.436	-0.416	-0.020
50	C3B	-0.442	-0.424	-0.018
50	C16B	-0.442	-0.424	-0.018
50	C35B	-0.446	-0.426	-0.020
50	C47B	-0.442	-0.422	-0.020
50	C54B	-0.435	-0.412	-0.023
50	C51B	-0.438	-0.419	-0.019
50	C55B	-0.442	-0.424	-0.018
	Max	-0.428	-0.412	0.006
	Average	-0.441	-0.430	-0.011
	Min	-0.455	-0.458	-0.023
	Std Dev	0.005	0.009	0.008

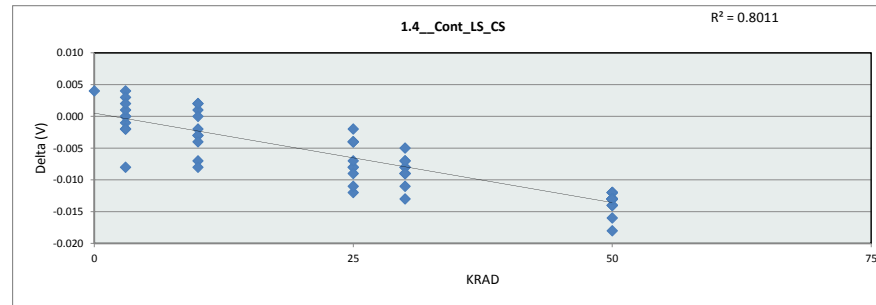


1.3_Cont_LS_DRDY						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
KRAD	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.442	-0.458	-0.455	-0.437	-0.433	-0.431
Average	-0.442	-0.442	-0.438	-0.432	-0.426	-0.422
Max	-0.442	-0.433	-0.432	-0.428	-0.419	-0.412
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300

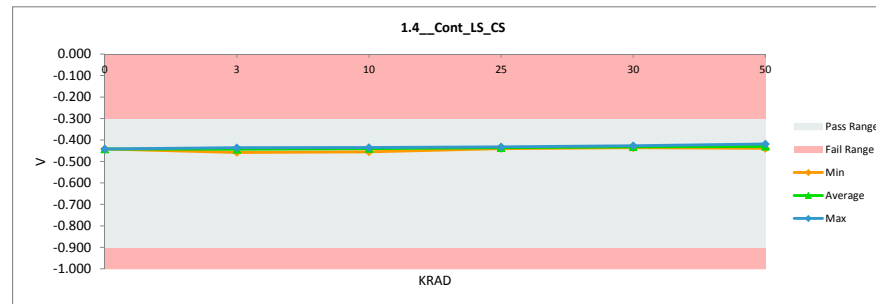


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.4_Cont_LS_CS				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.438	-0.442	0.004
3	A142B	-0.436	-0.436	0.000
3	A141B	-0.442	-0.441	-0.001
3	B78B	-0.454	-0.458	0.004
3	C1B	-0.443	-0.441	-0.002
3	C2B	-0.442	-0.442	0.000
3	A138UB	-0.442	-0.445	0.003
3	A140UB	-0.443	-0.441	-0.002
3	B21UB	-0.448	-0.440	-0.008
3	C7UB	-0.445	-0.446	0.001
3	C31UB	-0.440	-0.442	0.002
10	A135B	-0.443	-0.440	-0.003
10	A137B	-0.437	-0.435	-0.002
10	B64B	-0.454	-0.455	0.001
10	C29B	-0.439	-0.441	0.002
10	C30B	-0.443	-0.436	-0.007
10	A133UB	-0.441	-0.438	-0.003
10	A132UB	-0.443	-0.435	-0.008
10	B75UB	-0.445	-0.441	-0.004
10	C27UB	-0.440	-0.440	0.000
10	C25UB	-0.437	-0.439	0.002
25	A131B	-0.444	-0.436	-0.008
25	A130B	-0.442	-0.438	-0.004
25	B47B	-0.448	-0.440	-0.008
25	C24B	-0.442	-0.435	-0.007
25	C9B	-0.445	-0.433	-0.012
25	A129UB	-0.440	-0.436	-0.004
25	A128UB	-0.443	-0.432	-0.011
25	A118UB	-0.439	-0.437	-0.002
25	C23UB	-0.443	-0.434	-0.009
25	C22UB	-0.441	-0.437	-0.004
30	333B	-0.434	-0.429	-0.005
30	334B	-0.445	-0.436	-0.009
30	335B	-0.437	-0.429	-0.008
30	336B	-0.439	-0.431	-0.008
30	337B	-0.436	-0.427	-0.009
30	322UB	-0.443	-0.432	-0.011
30	329UB	-0.441	-0.432	-0.009
30	330UB	-0.442	-0.435	-0.007
30	331UB	-0.445	-0.432	-0.013
30	332UB	-0.443	-0.436	-0.007
50	A114B	-0.440	-0.428	-0.012
50	A115B	-0.441	-0.428	-0.013
50	A116B	-0.445	-0.432	-0.013
50	A120B	-0.442	-0.429	-0.013
50	A121B	-0.441	-0.429	-0.012
50	A123B	-0.442	-0.430	-0.012
50	A124B	-0.446	-0.434	-0.012
50	A189B	-0.446	-0.433	-0.013
50	A190B	-0.438	-0.425	-0.013
50	B41B	-0.452	-0.439	-0.013
50	B38B	-0.447	-0.433	-0.014
50	C20B	-0.444	-0.431	-0.013
50	C10B	-0.441	-0.427	-0.014
50	C15B	-0.444	-0.430	-0.014
50	C13B	-0.438	-0.425	-0.013
50	C3B	-0.444	-0.431	-0.013
50	C16B	-0.445	-0.432	-0.013
50	C35B	-0.445	-0.432	-0.013
50	C47B	-0.442	-0.429	-0.013
50	C54B	-0.437	-0.419	-0.018
50	C51B	-0.440	-0.424	-0.016
50	C55B	-0.443	-0.430	-0.013
	Max	-0.434	-0.419	0.004
	Average	-0.442	-0.435	-0.007
	Min	-0.454	-0.458	-0.018
	Std Dev	0.004	0.007	0.006

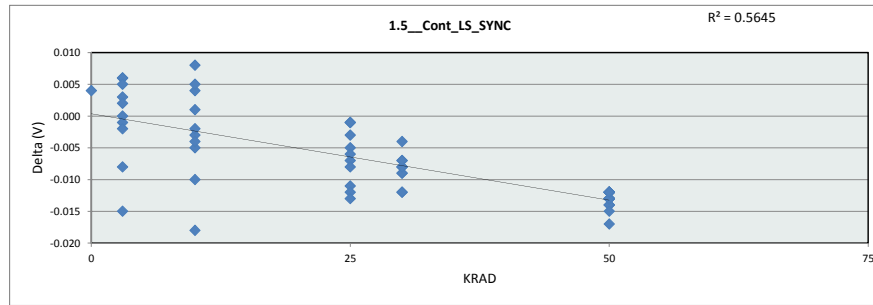


1.4_Cont_LS_CS						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
KRAD	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.442	-0.458	-0.455	-0.440	-0.436	-0.439
Average	-0.442	-0.443	-0.440	-0.436	-0.432	-0.430
Max	-0.442	-0.436	-0.435	-0.432	-0.427	-0.419
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300

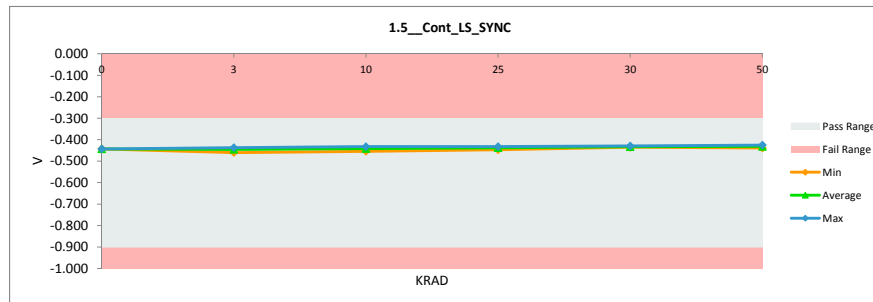


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		1.5_Cont_LS_SYNC		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.439	-0.443	0.004
3	A142B	-0.443	-0.443	0.000
3	A141B	-0.445	-0.444	-0.001
3	B78B	-0.457	-0.460	0.003
3	C1B	-0.438	-0.444	0.006
3	C2B	-0.445	-0.437	-0.008
3	A138UB	-0.444	-0.446	0.002
3	A140UB	-0.445	-0.443	-0.002
3	B21UB	-0.453	-0.438	-0.015
3	C7UB	-0.446	-0.452	0.006
3	C31UB	-0.439	-0.444	0.005
10	A135B	-0.445	-0.442	-0.003
10	A137B	-0.444	-0.442	-0.002
10	B64B	-0.453	-0.454	0.001
10	C29B	-0.437	-0.441	0.004
10	C30B	-0.444	-0.434	-0.010
10	A133UB	-0.442	-0.437	-0.005
10	A132UB	-0.450	-0.432	-0.018
10	B75UB	-0.451	-0.447	-0.004
10	C27UB	-0.439	-0.447	0.008
10	C25UB	-0.434	-0.439	0.005
25	A131B	-0.443	-0.438	-0.005
25	A130B	-0.444	-0.437	-0.007
25	B47B	-0.455	-0.447	-0.008
25	C24B	-0.439	-0.433	-0.006
25	C9B	-0.445	-0.434	-0.011
25	A129UB	-0.448	-0.436	-0.012
25	A128UB	-0.445	-0.432	-0.013
25	A118UB	-0.441	-0.438	-0.003
25	C23UB	-0.443	-0.442	-0.001
25	C22UB	-0.440	-0.439	-0.001
30	333B	-0.433	-0.429	-0.004
30	334B	-0.442	-0.434	-0.008
30	335B	-0.440	-0.431	-0.009
30	336B	-0.442	-0.434	-0.008
30	337B	-0.443	-0.434	-0.009
30	322UB	-0.443	-0.431	-0.012
30	329UB	-0.440	-0.432	-0.008
30	330UB	-0.442	-0.435	-0.007
30	331UB	-0.445	-0.433	-0.012
30	332UB	-0.442	-0.435	-0.007
50	A114B	-0.441	-0.429	-0.012
50	A115B	-0.443	-0.430	-0.013
50	A116B	-0.447	-0.434	-0.013
50	A120B	-0.443	-0.430	-0.013
50	A121B	-0.442	-0.430	-0.012
50	A123B	-0.442	-0.430	-0.012
50	A124B	-0.446	-0.434	-0.012
50	A189B	-0.447	-0.435	-0.012
50	A190B	-0.445	-0.432	-0.013
50	B41B	-0.452	-0.439	-0.013
50	B38B	-0.448	-0.434	-0.014
50	C20B	-0.444	-0.432	-0.012
50	C10B	-0.441	-0.427	-0.014
50	C15B	-0.443	-0.429	-0.014
50	C13B	-0.444	-0.431	-0.013
50	C3B	-0.443	-0.431	-0.012
50	C16B	-0.445	-0.433	-0.012
50	C35B	-0.446	-0.433	-0.013
50	C47B	-0.443	-0.430	-0.013
50	C54B	-0.442	-0.425	-0.017
50	C51B	-0.446	-0.431	-0.015
50	C55B	-0.444	-0.432	-0.012
	Max	-0.433	-0.425	0.008
	Average	-0.444	-0.437	-0.007
	Min	-0.457	-0.460	-0.018
	Std Dev	0.004	0.007	0.007

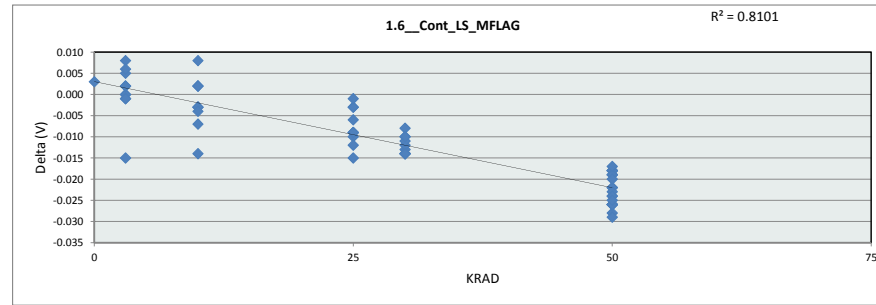


		1.5_Cont_LS_SYNC					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
KRAD	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.443	-0.460	-0.454	-0.447	-0.435	-0.439	
Average	-0.443	-0.445	-0.442	-0.438	-0.433	-0.431	
Max	-0.443	-0.437	-0.432	-0.432	-0.429	-0.425	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	

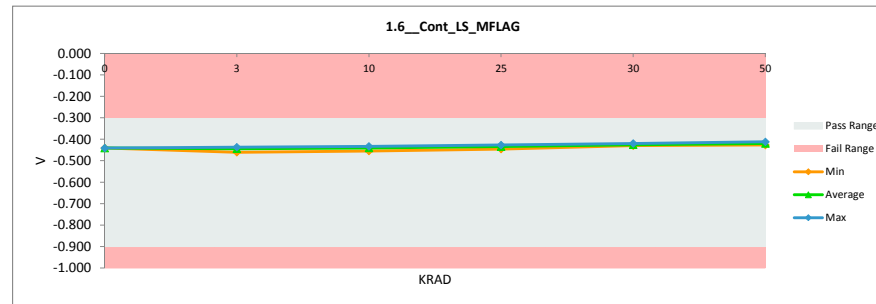


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		1.6_Cont_LS_MFLAG		
Test Site		CLAB	CLAB	
Tester		EAGLE3	EAGLE3	
Test Number		EF651300	EF651300	
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-0.9	-0.9	
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.438	-0.441	0.003
3	A142B	-0.440	-0.440	0.000
3	A141B	-0.444	-0.444	0.000
3	B78B	-0.456	-0.461	0.005
3	C1B	-0.438	-0.440	0.002
3	C2B	-0.440	-0.439	-0.001
3	A138UB	-0.442	-0.444	0.002
3	A140UB	-0.443	-0.442	-0.001
3	B21UB	-0.452	-0.437	-0.015
3	C7UB	-0.444	-0.452	0.008
3	C31UB	-0.437	-0.443	0.006
10	A135B	-0.445	-0.442	-0.003
10	A137B	-0.442	-0.439	-0.003
10	B64B	-0.453	-0.455	0.002
10	C29B	-0.437	-0.439	0.002
10	C30B	-0.441	-0.434	-0.007
10	A133UB	-0.439	-0.436	-0.003
10	A132UB	-0.447	-0.433	-0.014
10	B75UB	-0.451	-0.447	-0.004
10	C27UB	-0.437	-0.445	0.008
10	C25UB	-0.435	-0.437	0.002
25	A131B	-0.441	-0.432	-0.009
25	A130B	-0.439	-0.433	-0.006
25	B47B	-0.455	-0.446	-0.009
25	C24B	-0.437	-0.427	-0.010
25	C9B	-0.445	-0.430	-0.015
25	A129UB	-0.444	-0.435	-0.009
25	A128UB	-0.442	-0.430	-0.012
25	A118UB	-0.438	-0.435	-0.003
25	C23UB	-0.441	-0.438	-0.003
25	C22UB	-0.438	-0.437	-0.001
30	333B	-0.429	-0.421	-0.008
30	334B	-0.439	-0.425	-0.014
30	335B	-0.433	-0.420	-0.013
30	336B	-0.441	-0.427	-0.014
30	337B	-0.439	-0.425	-0.014
30	322UB	-0.439	-0.427	-0.012
30	329UB	-0.438	-0.428	-0.010
30	330UB	-0.440	-0.429	-0.011
30	331UB	-0.442	-0.428	-0.014
30	332UB	-0.440	-0.430	-0.010
50	A114B	-0.439	-0.417	-0.022
50	A115B	-0.442	-0.416	-0.026
50	A116B	-0.443	-0.417	-0.026
50	A120B	-0.440	-0.422	-0.018
50	A121B	-0.441	-0.417	-0.024
50	A123B	-0.440	-0.418	-0.022
50	A124B	-0.445	-0.427	-0.018
50	A189B	-0.444	-0.418	-0.026
50	A190B	-0.444	-0.421	-0.023
50	B41B	-0.450	-0.422	-0.028
50	B38B	-0.445	-0.426	-0.019
50	C20B	-0.443	-0.425	-0.018
50	C10B	-0.438	-0.419	-0.019
50	C15B	-0.440	-0.414	-0.026
50	C13B	-0.441	-0.417	-0.024
50	C3B	-0.442	-0.424	-0.018
50	C16B	-0.445	-0.419	-0.026
50	C35B	-0.444	-0.419	-0.025
50	C47B	-0.442	-0.423	-0.019
50	C54B	-0.441	-0.412	-0.029
50	C51B	-0.444	-0.424	-0.020
50	C55B	-0.441	-0.424	-0.017
	Max	-0.429	-0.412	0.008
	Average	-0.442	-0.431	-0.011
	Min	-0.456	-0.461	-0.029
	Std Dev	0.005	0.011	0.010

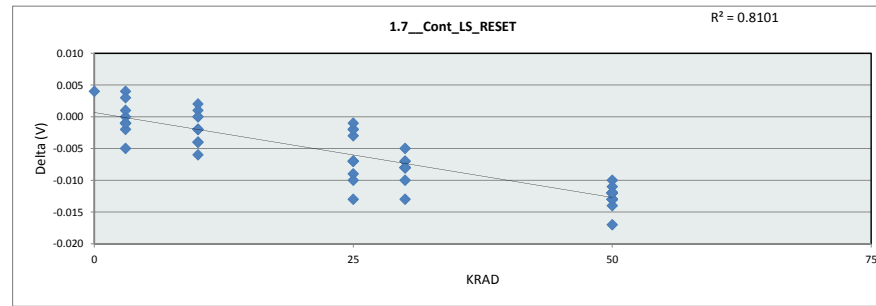


		1.6_Cont_LS_MFLAG					
Test Site		CLAB					
Tester		EAGLE3					
Test Number		EF651300					
Max Limit		-0.3	V				
Min Limit		-0.9	V				
KRAD	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.441	-0.461	-0.455	-0.446	-0.430	-0.427	
Average	-0.441	-0.444	-0.441	-0.434	-0.426	-0.420	
Max	-0.441	-0.437	-0.433	-0.427	-0.420	-0.412	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	

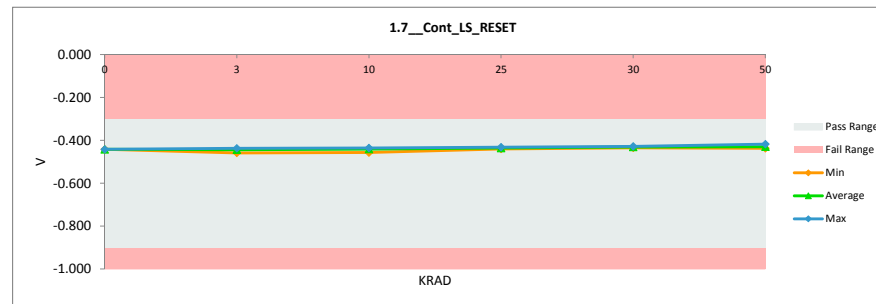


ADS1282-RHA  
 TID Report  
 TID HDR Report (3KRad - 50KRad)  
 All units passed SMD specification limits up to 50kRAD HDR

1.7_Cont_LS_RESET				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.438	-0.442	0.004
3	A142B	-0.438	-0.437	-0.001
3	A141B	-0.444	-0.443	-0.001
3	B78B	-0.455	-0.459	0.004
3	C1B	-0.444	-0.442	-0.002
3	C2B	-0.443	-0.443	0.000
3	A138UB	-0.442	-0.445	0.003
3	A140UB	-0.441	-0.442	0.001
3	B21UB	-0.446	-0.441	-0.005
3	C7UB	-0.446	-0.445	-0.001
3	C31UB	-0.441	-0.440	-0.001
10	A135B	-0.442	-0.440	-0.002
10	A137B	-0.438	-0.436	-0.002
10	B64B	-0.455	-0.457	0.002
10	C29B	-0.440	-0.440	0.000
10	C30B	-0.442	-0.438	-0.004
10	A133UB	-0.441	-0.439	-0.002
10	A132UB	-0.443	-0.437	-0.006
10	B75UB	-0.446	-0.442	-0.004
10	C27UB	-0.440	-0.441	0.001
10	C25UB	-0.439	-0.439	0.000
25	A131B	-0.443	-0.436	-0.007
25	A130B	-0.441	-0.438	-0.003
25	B47B	-0.447	-0.440	-0.007
25	C24B	-0.442	-0.435	-0.007
25	C9B	-0.444	-0.435	-0.009
25	A129UB	-0.438	-0.436	-0.002
25	A128UB	-0.445	-0.432	-0.013
25	A118UB	-0.441	-0.439	-0.002
25	C23UB	-0.442	-0.432	-0.010
25	C22UB	-0.439	-0.438	-0.001
30	333B	-0.433	-0.428	-0.005
30	334B	-0.443	-0.435	-0.008
30	335B	-0.437	-0.429	-0.008
30	336B	-0.436	-0.428	-0.008
30	337B	-0.436	-0.428	-0.008
30	322UB	-0.441	-0.431	-0.010
30	329UB	-0.439	-0.432	-0.007
30	330UB	-0.442	-0.435	-0.007
30	331UB	-0.445	-0.432	-0.013
30	332UB	-0.442	-0.434	-0.008
50	A114B	-0.439	-0.428	-0.011
50	A115B	-0.441	-0.429	-0.012
50	A116B	-0.444	-0.432	-0.012
50	A120B	-0.442	-0.430	-0.012
50	A121B	-0.441	-0.429	-0.012
50	A123B	-0.442	-0.430	-0.012
50	A124B	-0.445	-0.432	-0.013
50	A189B	-0.443	-0.431	-0.012
50	A190B	-0.440	-0.428	-0.012
50	B41B	-0.450	-0.437	-0.013
50	B38B	-0.446	-0.433	-0.013
50	C20B	-0.445	-0.432	-0.013
50	C10B	-0.442	-0.428	-0.014
50	C15B	-0.444	-0.431	-0.013
50	C13B	-0.439	-0.426	-0.013
50	C3B	-0.443	-0.431	-0.012
50	C16B	-0.444	-0.432	-0.012
50	C35B	-0.445	-0.433	-0.012
50	C47B	-0.442	-0.430	-0.012
50	C54B	-0.435	-0.418	-0.017
50	C51B	-0.438	-0.426	-0.012
50	C55B	-0.442	-0.432	-0.010
	Max	-0.433	-0.418	0.004
	Average	-0.442	-0.435	-0.007
	Min	-0.455	-0.459	-0.017
	Std Dev	0.004	0.007	0.005

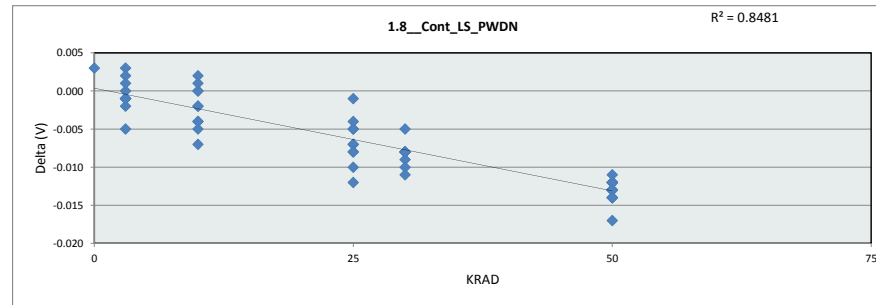


1.7_Cont_LS_RESET						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
KRAD	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.442	-0.459	-0.457	-0.440	-0.435	-0.437
Average	-0.442	-0.444	-0.441	-0.436	-0.431	-0.430
Max	-0.442	-0.437	-0.436	-0.432	-0.428	-0.418
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300

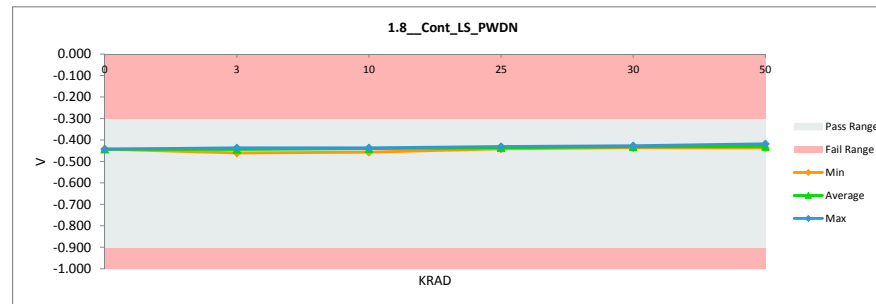


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.8_Cont_LS_PWDN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.440	-0.443	0.003
3	A142B	-0.438	-0.437	-0.001
3	A141B	-0.444	-0.443	-0.001
3	B78B	-0.458	-0.461	0.003
3	C1B	-0.444	-0.442	-0.002
3	C2B	-0.443	-0.443	0.000
3	A138UB	-0.442	-0.444	0.002
3	A140UB	-0.442	-0.441	-0.001
3	B21UB	-0.447	-0.442	-0.005
3	C7UB	-0.445	-0.446	0.001
3	C31UB	-0.442	-0.441	-0.001
10	A135B	-0.442	-0.440	-0.002
10	A137B	-0.439	-0.437	-0.002
10	B64B	-0.456	-0.457	0.001
10	C29B	-0.441	-0.441	0.000
10	C30B	-0.443	-0.438	-0.005
10	A133UB	-0.441	-0.437	-0.004
10	A132UB	-0.444	-0.437	-0.007
10	B75UB	-0.446	-0.442	-0.004
10	C27UB	-0.439	-0.441	0.002
10	C25UB	-0.439	-0.439	0.000
25	A131B	-0.442	-0.435	-0.007
25	A130B	-0.441	-0.436	-0.005
25	B47B	-0.449	-0.441	-0.008
25	C24B	-0.440	-0.433	-0.007
25	C9B	-0.444	-0.434	-0.010
25	A129UB	-0.441	-0.437	-0.004
25	A128UB	-0.443	-0.431	-0.012
25	A118UB	-0.442	-0.437	-0.005
25	C23UB	-0.443	-0.435	-0.008
25	C22UB	-0.439	-0.438	-0.001
30	333B	-0.433	-0.428	-0.005
30	334B	-0.444	-0.436	-0.008
30	335B	-0.438	-0.430	-0.008
30	336B	-0.437	-0.429	-0.008
30	337B	-0.435	-0.427	-0.008
30	322UB	-0.442	-0.431	-0.011
30	329UB	-0.440	-0.432	-0.008
30	330UB	-0.442	-0.433	-0.009
30	331UB	-0.443	-0.433	-0.010
30	332UB	-0.443	-0.435	-0.008
50	A114B	-0.440	-0.428	-0.012
50	A115B	-0.441	-0.429	-0.012
50	A116B	-0.444	-0.432	-0.012
50	A120B	-0.444	-0.431	-0.013
50	A121B	-0.443	-0.431	-0.012
50	A123B	-0.442	-0.430	-0.012
50	A124B	-0.445	-0.433	-0.012
50	A189B	-0.444	-0.431	-0.013
50	A190B	-0.440	-0.428	-0.012
50	B41B	-0.451	-0.437	-0.014
50	B38B	-0.447	-0.434	-0.013
50	C20B	-0.444	-0.431	-0.013
50	C10B	-0.443	-0.429	-0.014
50	C15B	-0.444	-0.430	-0.014
50	C13B	-0.441	-0.428	-0.013
50	C3B	-0.444	-0.431	-0.013
50	C16B	-0.444	-0.431	-0.013
50	C35B	-0.448	-0.436	-0.012
50	C47B	-0.444	-0.431	-0.013
50	C54B	-0.435	-0.418	-0.017
50	C51B	-0.441	-0.427	-0.014
50	C55B	-0.442	-0.431	-0.011
	Max	-0.433	-0.418	0.003
	Average	-0.443	-0.435	-0.007
	Min	-0.458	-0.461	-0.017
	Std Dev	0.004	0.007	0.005

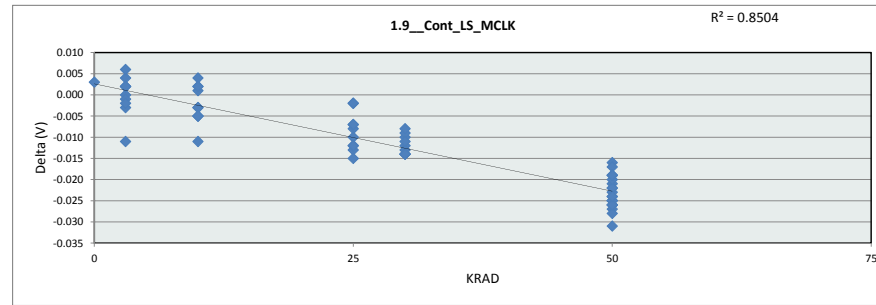


1.8_Cont_LS_PWDN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
KRAD	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.443	-0.461	-0.457	-0.441	-0.436	-0.437
Average	-0.443	-0.444	-0.441	-0.436	-0.431	-0.430
Max	-0.443	-0.437	-0.437	-0.431	-0.427	-0.418
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300

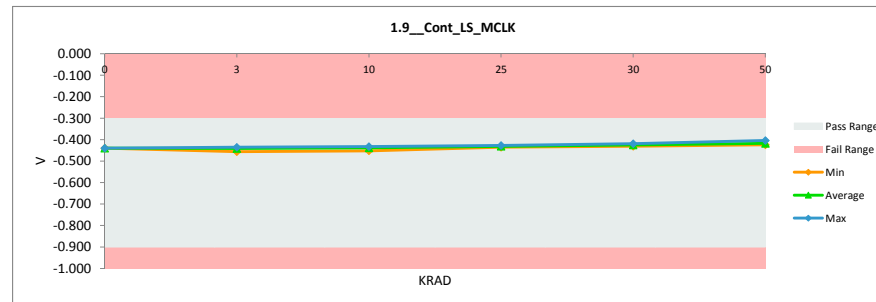


ADS1282-RHA  
 TID Report  
 TID HDR Report (3KRad - 50KRad)  
 All units passed SMD specification limits up to 50kRAD HDR

		1.9_Cont_LS_MCLK		
Test Site		CLAB	CLAB	
Tester		EAGLE3	EAGLE3	
Test Number		EF651300	EF651300	
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-0.9	-0.9	
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.437	-0.440	0.003
3	A142B	-0.435	-0.435	0.000
3	A141B	-0.442	-0.441	-0.001
3	B78B	-0.452	-0.456	0.004
3	C1B	-0.438	-0.440	0.002
3	C2B	-0.441	-0.438	-0.003
3	A138UB	-0.440	-0.442	0.002
3	A140UB	-0.441	-0.439	-0.002
3	B21UB	-0.446	-0.435	-0.011
3	C7UB	-0.442	-0.444	0.002
3	C31UB	-0.435	-0.441	0.006
10	A135B	-0.441	-0.438	-0.003
10	A137B	-0.435	-0.432	-0.003
10	B64B	-0.450	-0.452	0.002
10	C29B	-0.437	-0.438	0.001
10	C30B	-0.440	-0.435	-0.005
10	A133UB	-0.440	-0.435	-0.005
10	A132UB	-0.444	-0.433	-0.011
10	B75UB	-0.444	-0.439	-0.005
10	C27UB	-0.437	-0.441	0.004
10	C25UB	-0.435	-0.437	0.002
25	A131B	-0.441	-0.428	-0.013
25	A130B	-0.439	-0.431	-0.008
25	B47B	-0.447	-0.435	-0.012
25	C24B	-0.437	-0.427	-0.010
25	C9B	-0.442	-0.427	-0.015
25	A129UB	-0.439	-0.432	-0.007
25	A128UB	-0.441	-0.429	-0.012
25	A118UB	-0.436	-0.434	-0.002
25	C23UB	-0.440	-0.433	-0.007
25	C22UB	-0.437	-0.435	-0.002
30	333B	-0.429	-0.419	-0.010
30	334B	-0.438	-0.426	-0.012
30	335B	-0.434	-0.421	-0.013
30	336B	-0.436	-0.422	-0.014
30	337B	-0.435	-0.421	-0.014
30	322UB	-0.439	-0.425	-0.014
30	329UB	-0.436	-0.427	-0.009
30	330UB	-0.439	-0.431	-0.008
30	331UB	-0.442	-0.428	-0.014
30	332UB	-0.440	-0.429	-0.011
50	A114B	-0.438	-0.417	-0.021
50	A115B	-0.440	-0.414	-0.026
50	A116B	-0.444	-0.419	-0.025
50	A120B	-0.439	-0.415	-0.024
50	A121B	-0.439	-0.416	-0.023
50	A123B	-0.438	-0.422	-0.016
50	A124B	-0.443	-0.418	-0.025
50	A189B	-0.441	-0.419	-0.022
50	A190B	-0.435	-0.418	-0.017
50	B41B	-0.449	-0.423	-0.026
50	B38B	-0.442	-0.416	-0.026
50	C20B	-0.440	-0.418	-0.022
50	C10B	-0.440	-0.420	-0.020
50	C15B	-0.441	-0.414	-0.027
50	C13B	-0.437	-0.418	-0.019
50	C3B	-0.443	-0.424	-0.019
50	C16B	-0.442	-0.414	-0.028
50	C35B	-0.443	-0.418	-0.025
50	C47B	-0.441	-0.422	-0.019
50	C54B	-0.435	-0.404	-0.031
50	C51B	-0.437	-0.411	-0.026
50	C55B	-0.441	-0.417	-0.024
	Max	-0.429	-0.404	0.006
	Average	-0.440	-0.428	-0.012
	Min	-0.452	-0.456	-0.031
	Std Dev	0.004	0.011	0.010

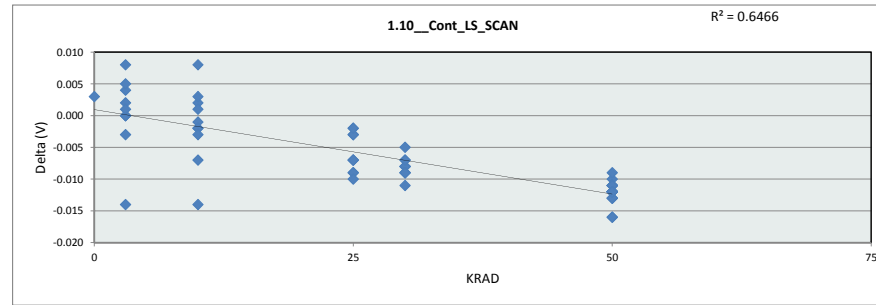


		1.9_Cont_LS_MCLK					
Test Site		CLAB					
Tester		EAGLE3					
Test Number		EF651300					
Max Limit		-0.3	V				
Min Limit		-0.9	V				
KRAD	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.440	-0.456	-0.452	-0.435	-0.431	-0.424	
Average	-0.440	-0.441	-0.438	-0.431	-0.425	-0.417	
Max	-0.440	-0.435	-0.432	-0.427	-0.419	-0.404	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	

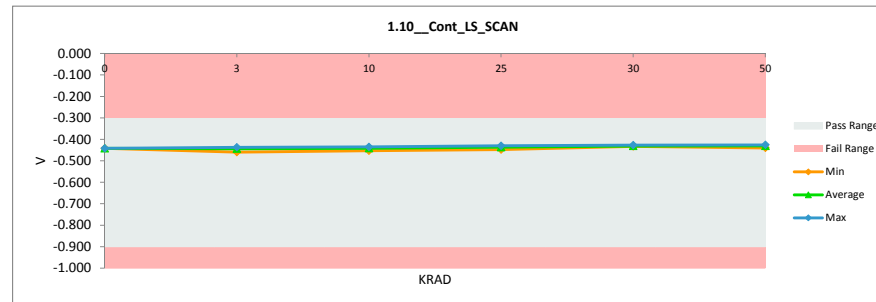


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.10_Cont_LS_SCAN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.439	-0.442	0.003
3	A142B	-0.440	-0.440	0.000
3	A141B	-0.442	-0.442	0.000
3	B78B	-0.456	-0.460	0.004
3	C1B	-0.439	-0.441	0.002
3	C2B	-0.442	-0.439	-0.003
3	A138UB	-0.443	-0.443	0.000
3	A140UB	-0.442	-0.443	0.001
3	B21UB	-0.451	-0.437	-0.014
3	C7UB	-0.443	-0.451	0.008
3	C31UB	-0.437	-0.442	0.005
10	A135B	-0.441	-0.440	-0.001
10	A137B	-0.443	-0.441	-0.002
10	B64B	-0.451	-0.453	0.002
10	C29B	-0.437	-0.440	0.003
10	C30B	-0.442	-0.435	-0.007
10	A133UB	-0.440	-0.438	-0.002
10	A132UB	-0.449	-0.435	-0.014
10	B75UB	-0.450	-0.447	-0.003
10	C27UB	-0.439	-0.447	0.008
10	C25UB	-0.437	-0.438	0.001
25	A131B	-0.440	-0.438	-0.002
25	A130B	-0.442	-0.435	-0.007
25	B47B	-0.455	-0.448	-0.007
25	C24B	-0.437	-0.430	-0.007
25	C9B	-0.444	-0.435	-0.009
25	A129UB	-0.444	-0.435	-0.009
25	A128UB	-0.443	-0.433	-0.010
25	A118UB	-0.439	-0.436	-0.003
25	C23UB	-0.441	-0.438	-0.003
25	C22UB	-0.440	-0.438	-0.002
30	333B	-0.432	-0.427	-0.005
30	334B	-0.441	-0.433	-0.008
30	335B	-0.436	-0.429	-0.007
30	336B	-0.441	-0.433	-0.008
30	337B	-0.440	-0.432	-0.008
30	322UB	-0.440	-0.429	-0.011
30	329UB	-0.438	-0.431	-0.007
30	330UB	-0.441	-0.432	-0.009
30	331UB	-0.442	-0.433	-0.009
30	332UB	-0.442	-0.433	-0.009
50	A114B	-0.440	-0.430	-0.010
50	A115B	-0.441	-0.429	-0.012
50	A116B	-0.444	-0.432	-0.012
50	A120B	-0.440	-0.428	-0.012
50	A121B	-0.439	-0.428	-0.011
50	A123B	-0.442	-0.431	-0.011
50	A124B	-0.444	-0.433	-0.011
50	A189B	-0.444	-0.432	-0.012
50	A190B	-0.442	-0.430	-0.012
50	B41B	-0.453	-0.440	-0.013
50	B38B	-0.445	-0.433	-0.012
50	C20B	-0.443	-0.432	-0.011
50	C10B	-0.439	-0.426	-0.013
50	C15B	-0.442	-0.429	-0.013
50	C13B	-0.442	-0.430	-0.012
50	C3B	-0.442	-0.431	-0.011
50	C16B	-0.444	-0.432	-0.012
50	C35B	-0.444	-0.432	-0.012
50	C47B	-0.443	-0.431	-0.012
50	C54B	-0.443	-0.427	-0.016
50	C51B	-0.446	-0.430	-0.016
50	C55B	-0.441	-0.432	-0.009
	Max	-0.432	-0.426	0.008
	Average	-0.442	-0.436	-0.007
	Min	-0.456	-0.460	-0.016
	Std Dev	0.004	0.007	0.006

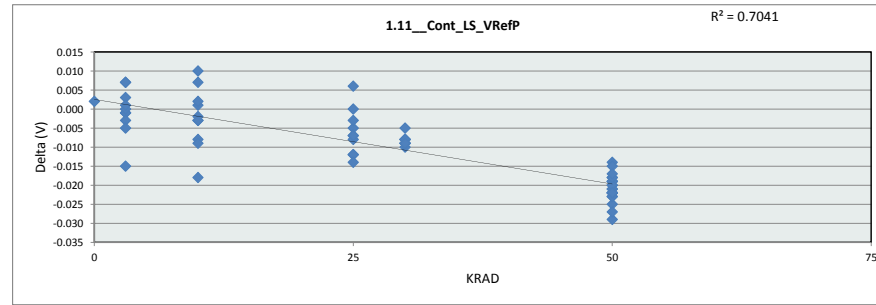


1.10_Cont_LS_SCAN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
KRAD	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.442	-0.460	-0.453	-0.448	-0.433	-0.440
Average	-0.442	-0.444	-0.441	-0.437	-0.431	-0.431
Max	-0.442	-0.437	-0.435	-0.430	-0.427	-0.426
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300

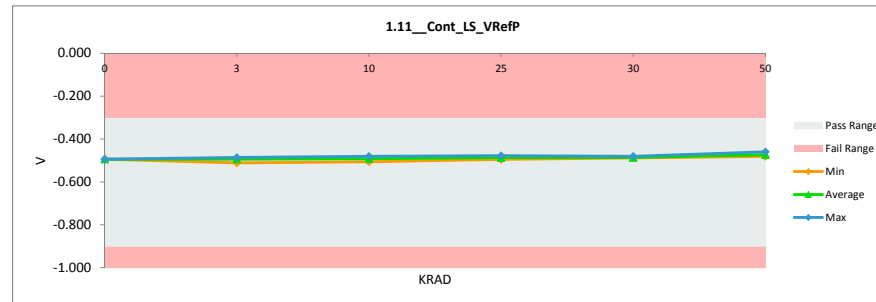


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.11_Cont_LS_VRefP				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.492	-0.494	0.002
3	A142B	-0.491	-0.490	-0.001
3	A141B	-0.497	-0.496	-0.001
3	B78B	-0.508	-0.511	0.003
3	C1B	-0.489	-0.486	-0.003
3	C2B	-0.488	-0.488	0.000
3	A138UB	-0.497	-0.492	-0.005
3	A140UB	-0.495	-0.496	0.001
3	B21UB	-0.502	-0.487	-0.015
3	C7UB	-0.493	-0.500	0.007
3	C31UB	-0.487	-0.494	0.007
10	A135B	-0.498	-0.495	-0.003
10	A137B	-0.494	-0.492	-0.002
10	B64B	-0.505	-0.506	0.001
10	C29B	-0.484	-0.486	0.002
10	C30B	-0.489	-0.481	-0.008
10	A133UB	-0.497	-0.488	-0.009
10	A132UB	-0.500	-0.482	-0.018
10	B75UB	-0.498	-0.495	-0.003
10	C27UB	-0.490	-0.497	0.007
10	C25UB	-0.484	-0.494	0.010
25	A131B	-0.494	-0.489	-0.005
25	A130B	-0.495	-0.488	-0.007
25	B47B	-0.503	-0.495	-0.008
25	C24B	-0.485	-0.478	-0.007
25	C9B	-0.491	-0.479	-0.012
25	A129UB	-0.497	-0.485	-0.012
25	A128UB	-0.494	-0.480	-0.014
25	A118UB	-0.491	-0.488	-0.003
25	C23UB	-0.491	-0.491	0.000
25	C22UB	-0.487	-0.493	0.006
30	333B	-0.491	-0.486	-0.005
30	334B	-0.495	-0.487	-0.008
30	335B	-0.491	-0.481	-0.010
30	336B	-0.495	-0.486	-0.009
30	337B	-0.494	-0.485	-0.009
30	322UB	-0.495	-0.486	-0.009
30	329UB	-0.494	-0.486	-0.008
30	330UB	-0.495	-0.487	-0.008
30	331UB	-0.496	-0.488	-0.008
30	332UB	-0.497	-0.488	-0.009
50	A114B	-0.495	-0.481	-0.014
50	A115B	-0.497	-0.478	-0.019
50	A116B	-0.498	-0.478	-0.020
50	A120B	-0.493	-0.472	-0.021
50	A121B	-0.497	-0.478	-0.019
50	A123B	-0.494	-0.472	-0.022
50	A124B	-0.496	-0.477	-0.019
50	A189B	-0.499	-0.477	-0.022
50	A190B	-0.496	-0.475	-0.021
50	B41B	-0.502	-0.480	-0.022
50	B38B	-0.493	-0.473	-0.020
50	C20B	-0.491	-0.468	-0.023
50	C10B	-0.491	-0.466	-0.025
50	C15B	-0.492	-0.474	-0.018
50	C13B	-0.491	-0.473	-0.018
50	C3B	-0.491	-0.476	-0.015
50	C16B	-0.491	-0.468	-0.023
50	C35B	-0.492	-0.470	-0.022
50	C47B	-0.493	-0.476	-0.017
50	C54B	-0.489	-0.460	-0.029
50	C51B	-0.491	-0.469	-0.022
50	C55B	-0.490	-0.463	-0.027
	Max	-0.484	-0.460	0.010
	Average	-0.494	-0.484	-0.010
	Min	-0.508	-0.511	-0.029
	Std Dev	0.005	0.010	0.010



1.11_Cont_LS_VRefP						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
KRAD	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.494	-0.511	-0.506	-0.495	-0.488	-0.481
Average	-0.494	-0.494	-0.492	-0.487	-0.486	-0.473
Max	-0.494	-0.486	-0.481	-0.478	-0.481	-0.460
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300



ADS1282-RHA

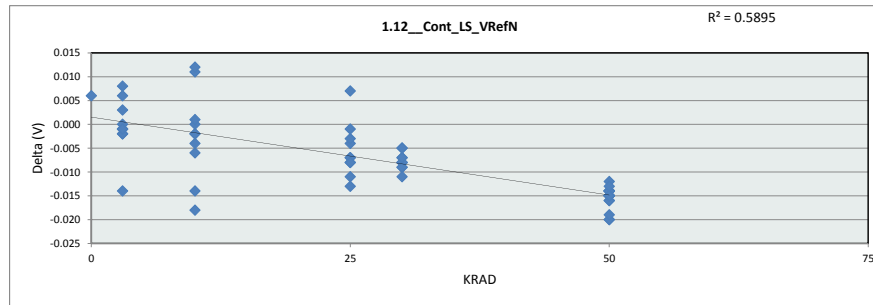
TID Report

TID HDR Report (3KRad - 50KRad)

All units passed SMD specification limits up to 50kRAD HDR

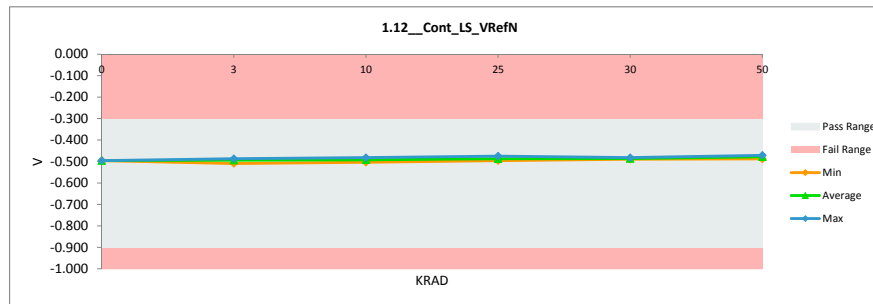
1.12_Cont_LS_VRefN		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	V	V
Max Limit	-0.3	-0.3
Min Limit	-0.9	-0.9

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.490	-0.496	0.006
3	A142B	-0.491	-0.490	-0.001
3	A141B	-0.496	-0.495	-0.001
3	B78B	-0.506	-0.509	0.003
3	C1B	-0.488	-0.488	0.000
3	C2B	-0.489	-0.487	-0.002
3	A138UB	-0.495	-0.493	-0.002
3	A140UB	-0.495	-0.494	-0.001
3	B21UB	-0.501	-0.487	-0.014
3	C7UB	-0.494	-0.500	0.006
3	C31UB	-0.487	-0.495	0.008
10	A135B	-0.499	-0.497	-0.002
10	A137B	-0.495	-0.493	-0.002
10	B64B	-0.503	-0.503	0.000
10	C29B	-0.485	-0.486	0.001
10	C30B	-0.488	-0.482	-0.006
10	A133UB	-0.500	-0.486	-0.014
10	A132UB	-0.501	-0.483	-0.018
10	B75UB	-0.498	-0.494	-0.004
10	C27UB	-0.488	-0.499	0.011
10	C25UB	-0.485	-0.497	0.012
25	A131B	-0.493	-0.489	-0.004
25	A130B	-0.495	-0.487	-0.008
25	B47B	-0.503	-0.496	-0.007
25	C24B	-0.482	-0.475	-0.007
25	C9B	-0.491	-0.483	-0.008
25	A129UB	-0.495	-0.484	-0.011
25	A128UB	-0.494	-0.481	-0.013
25	A118UB	-0.492	-0.489	-0.003
25	C23UB	-0.490	-0.489	-0.001
25	C22UB	-0.487	-0.494	0.007
30	333B	-0.490	-0.485	-0.005
30	334B	-0.492	-0.484	-0.008
30	335B	-0.490	-0.482	-0.008
30	336B	-0.496	-0.489	-0.007
30	337B	-0.495	-0.487	-0.008
30	322UB	-0.494	-0.487	-0.007
30	329UB	-0.495	-0.486	-0.009
30	330UB	-0.495	-0.484	-0.011
30	331UB	-0.493	-0.488	-0.005
30	332UB	-0.497	-0.488	-0.009
50	A114B	-0.495	-0.483	-0.012
50	A115B	-0.496	-0.481	-0.015
50	A116B	-0.495	-0.480	-0.015
50	A120B	-0.492	-0.478	-0.014
50	A121B	-0.496	-0.482	-0.014
50	A123B	-0.493	-0.479	-0.014
50	A124B	-0.494	-0.480	-0.014
50	A189B	-0.498	-0.484	-0.014
50	A190B	-0.497	-0.482	-0.015
50	B41B	-0.503	-0.488	-0.015
50	B38B	-0.495	-0.481	-0.014
50	C20B	-0.490	-0.475	-0.015
50	C10B	-0.491	-0.475	-0.016
50	C15B	-0.490	-0.474	-0.016
50	C13B	-0.489	-0.475	-0.014
50	C3B	-0.491	-0.478	-0.013
50	C16B	-0.491	-0.476	-0.015
50	C35B	-0.491	-0.476	-0.015
50	C47B	-0.490	-0.475	-0.015
50	C54B	-0.491	-0.471	-0.020
50	C51B	-0.492	-0.472	-0.020
50	C55B	-0.492	-0.473	-0.019
	Max	-0.482	-0.471	0.012
	Average	-0.493	-0.486	-0.008
	Min	-0.506	-0.509	-0.020
	Std Dev	0.005	0.008	0.008



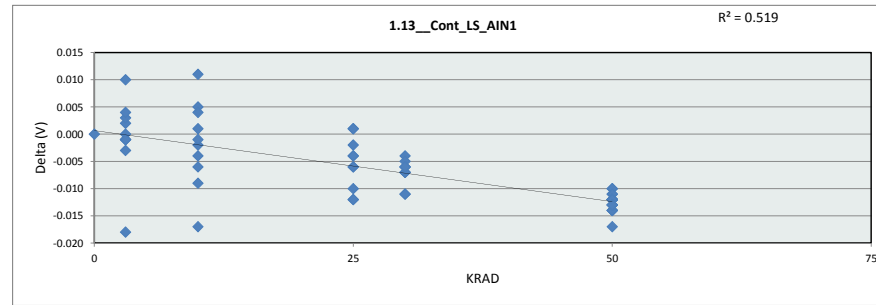
1.12_Cont_LS_VRefN		
Test Site	CLAB	
Tester	EAGLE3	
Test Number	EF651300	
Max Limit	-0.3	V
Min Limit	-0.9	V

	KRAD	0	3	10	25	30	50
LL		-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min		-0.496	-0.509	-0.503	-0.496	-0.489	-0.488
Average		-0.496	-0.494	-0.492	-0.487	-0.486	-0.478
Max		-0.496	-0.487	-0.482	-0.475	-0.482	-0.471
UL		-0.300	-0.300	-0.300	-0.300	-0.300	-0.300

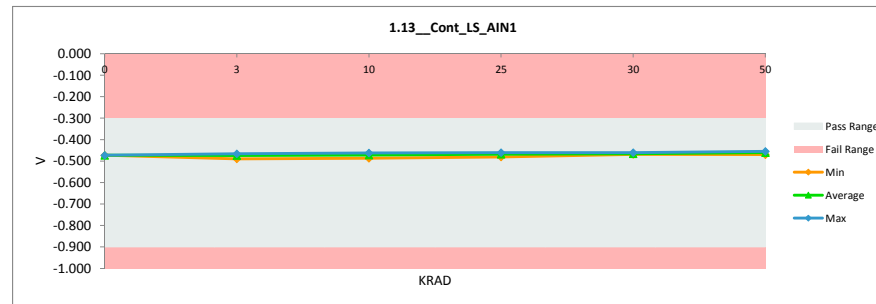


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.13_Cont_LS_AIN1				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.473	-0.473	0.000
3	A142B	-0.476	-0.475	-0.001
3	A141B	-0.476	-0.476	0.000
3	B78B	-0.488	-0.490	0.002
3	C1B	-0.467	-0.466	-0.001
3	C2B	-0.468	-0.467	-0.001
3	A138UB	-0.475	-0.472	-0.003
3	A140UB	-0.472	-0.475	0.003
3	B21UB	-0.484	-0.466	-0.018
3	C7UB	-0.473	-0.483	0.010
3	C31UB	-0.467	-0.471	0.004
10	A135B	-0.472	-0.470	-0.002
10	A137B	-0.477	-0.476	-0.001
10	B64B	-0.486	-0.487	0.001
10	C29B	-0.464	-0.469	0.005
10	C30B	-0.471	-0.462	-0.009
10	A133UB	-0.472	-0.466	-0.006
10	A132UB	-0.481	-0.464	-0.017
10	B75UB	-0.481	-0.477	-0.004
10	C27UB	-0.468	-0.479	0.011
10	C25UB	-0.466	-0.470	0.004
25	A131B	-0.474	-0.470	-0.004
25	A130B	-0.474	-0.470	-0.004
25	B47B	-0.487	-0.481	-0.006
25	C24B	-0.468	-0.462	-0.006
25	C9B	-0.473	-0.463	-0.010
25	A129UB	-0.476	-0.464	-0.012
25	A128UB	-0.473	-0.461	-0.012
25	A118UB	-0.470	-0.468	-0.002
25	C23UB	-0.470	-0.471	0.001
25	C22UB	-0.468	-0.469	0.001
30	333B	-0.465	-0.461	-0.004
30	334B	-0.475	-0.469	-0.006
30	335B	-0.469	-0.462	-0.007
30	336B	-0.475	-0.468	-0.007
30	337B	-0.473	-0.466	-0.007
30	322UB	-0.474	-0.463	-0.011
30	329UB	-0.471	-0.466	-0.005
30	330UB	-0.474	-0.468	-0.006
30	331UB	-0.477	-0.466	-0.011
30	332UB	-0.474	-0.468	-0.006
50	A114B	-0.473	-0.463	-0.010
50	A115B	-0.470	-0.457	-0.013
50	A116B	-0.475	-0.464	-0.011
50	A120B	-0.474	-0.462	-0.012
50	A121B	-0.474	-0.464	-0.010
50	A123B	-0.471	-0.457	-0.014
50	A124B	-0.477	-0.465	-0.012
50	A189B	-0.475	-0.463	-0.012
50	A190B	-0.476	-0.463	-0.013
50	B41B	-0.482	-0.470	-0.012
50	B38B	-0.473	-0.461	-0.012
50	C20B	-0.472	-0.460	-0.012
50	C10B	-0.469	-0.455	-0.014
50	C15B	-0.471	-0.457	-0.014
50	C13B	-0.472	-0.458	-0.014
50	C3B	-0.471	-0.460	-0.011
50	C16B	-0.473	-0.461	-0.012
50	C35B	-0.475	-0.463	-0.012
50	C47B	-0.473	-0.460	-0.013
50	C54B	-0.472	-0.455	-0.017
50	C51B	-0.474	-0.461	-0.013
50	C55B	-0.471	-0.458	-0.013
	Max	-0.464	-0.455	0.011
	Average	-0.473	-0.467	-0.007
	Min	-0.488	-0.490	-0.018
	Std Dev	0.005	0.007	0.007

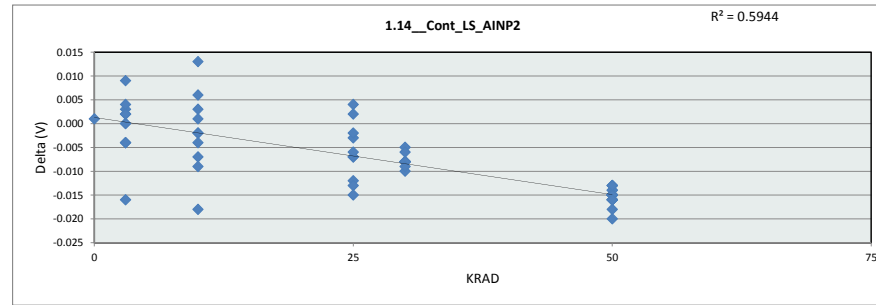


1.13_Cont_LS_AIN1						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
KRAD	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.473	-0.490	-0.487	-0.481	-0.469	-0.470
Average	-0.473	-0.474	-0.472	-0.468	-0.466	-0.461
Max	-0.473	-0.466	-0.462	-0.461	-0.461	-0.455
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300

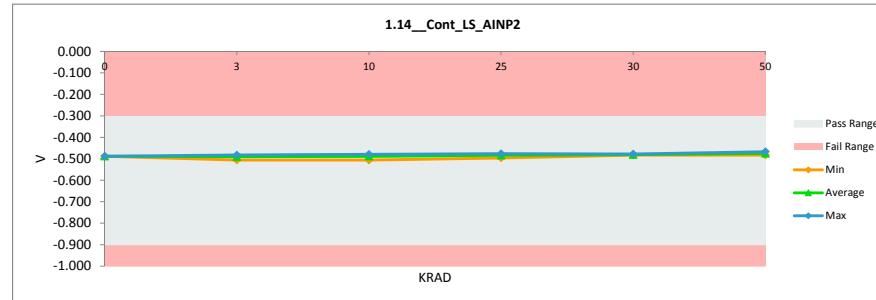


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.14_Cont_LS_AINP2				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.487	-0.488	0.001
3	A142B	-0.491	-0.491	0.000
3	A141B	-0.492	-0.492	0.000
3	B78B	-0.503	-0.506	0.003
3	C1B	-0.483	-0.485	0.002
3	C2B	-0.486	-0.482	-0.004
3	A138UB	-0.491	-0.487	-0.004
3	A140UB	-0.488	-0.490	0.002
3	B21UB	-0.499	-0.483	-0.016
3	C7UB	-0.488	-0.497	0.009
3	C31UB	-0.484	-0.488	0.004
10	A135B	-0.490	-0.488	-0.002
10	A137B	-0.493	-0.491	-0.002
10	B64B	-0.505	-0.506	0.001
10	C29B	-0.481	-0.484	0.003
10	C30B	-0.486	-0.479	-0.007
10	A133UB	-0.490	-0.481	-0.009
10	A132UB	-0.498	-0.480	-0.018
10	B75UB	-0.497	-0.493	-0.004
10	C27UB	-0.483	-0.496	0.013
10	C25UB	-0.482	-0.488	0.006
25	A131B	-0.490	-0.487	-0.003
25	A130B	-0.492	-0.485	-0.007
25	B47B	-0.503	-0.496	-0.007
25	C24B	-0.483	-0.477	-0.006
25	C9B	-0.490	-0.478	-0.012
25	A129UB	-0.493	-0.480	-0.013
25	A128UB	-0.491	-0.476	-0.015
25	A118UB	-0.487	-0.485	-0.002
25	C23UB	-0.486	-0.488	0.002
25	C22UB	-0.483	-0.487	0.004
30	333B	-0.483	-0.478	-0.005
30	334B	-0.491	-0.483	-0.008
30	335B	-0.486	-0.478	-0.008
30	336B	-0.489	-0.481	-0.008
30	337B	-0.489	-0.481	-0.008
30	322UB	-0.489	-0.481	-0.008
30	329UB	-0.489	-0.479	-0.010
30	330UB	-0.488	-0.482	-0.006
30	331UB	-0.491	-0.483	-0.008
30	332UB	-0.492	-0.483	-0.009
50	A114B	-0.491	-0.478	-0.013
50	A115B	-0.486	-0.472	-0.014
50	A116B	-0.492	-0.477	-0.015
50	A120B	-0.491	-0.475	-0.016
50	A121B	-0.490	-0.477	-0.013
50	A123B	-0.489	-0.473	-0.016
50	A124B	-0.494	-0.479	-0.015
50	A189B	-0.492	-0.477	-0.015
50	A190B	-0.493	-0.478	-0.015
50	B41B	-0.499	-0.483	-0.016
50	B38B	-0.492	-0.477	-0.015
50	C20B	-0.488	-0.474	-0.014
50	C10B	-0.486	-0.468	-0.018
50	C15B	-0.487	-0.472	-0.015
50	C13B	-0.489	-0.473	-0.016
50	C3B	-0.488	-0.473	-0.015
50	C16B	-0.490	-0.475	-0.015
50	C35B	-0.490	-0.475	-0.015
50	C47B	-0.489	-0.474	-0.015
50	C54B	-0.487	-0.467	-0.020
50	C51B	-0.491	-0.475	-0.016
50	C55B	-0.486	-0.473	-0.013
	Max	-0.481	-0.467	0.013
	Average	-0.490	-0.482	-0.008
	Min	-0.505	-0.506	-0.020
	Std Dev	0.005	0.008	0.008

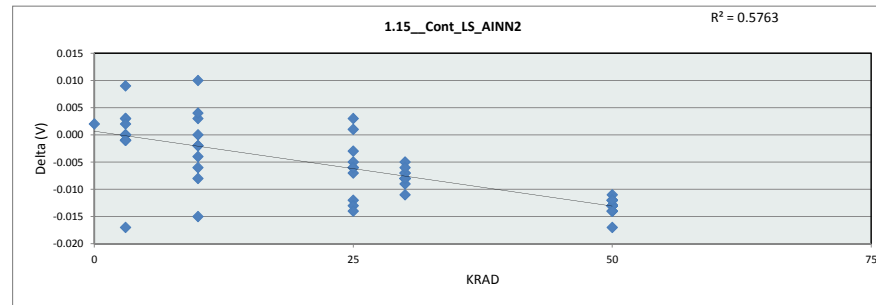


1.14_Cont_LS_AINP2						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
KRAD	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.488	-0.506	-0.506	-0.496	-0.483	-0.483
Average	-0.488	-0.490	-0.489	-0.484	-0.481	-0.475
Max	-0.488	-0.482	-0.479	-0.476	-0.478	-0.467
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300

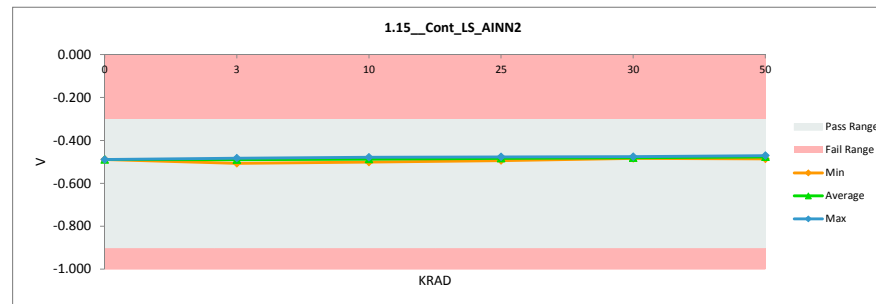


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		1.15_Cont_LS_AINN2		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.487	-0.489	0.002
3	A142B	-0.491	-0.490	-0.001
3	A141B	-0.491	-0.491	0.000
3	B78B	-0.504	-0.507	0.003
3	C1B	-0.483	-0.483	0.000
3	C2B	-0.484	-0.483	-0.001
3	A138UB	-0.491	-0.490	-0.001
3	A140UB	-0.487	-0.490	0.003
3	B21UB	-0.500	-0.483	-0.017
3	C7UB	-0.490	-0.499	0.009
3	C31UB	-0.484	-0.486	0.002
10	A135B	-0.489	-0.487	-0.002
10	A137B	-0.492	-0.490	-0.002
10	B64B	-0.501	-0.501	0.000
10	C29B	-0.481	-0.484	0.003
10	C30B	-0.487	-0.479	-0.008
10	A133UB	-0.488	-0.482	-0.006
10	A132UB	-0.495	-0.480	-0.015
10	B75UB	-0.496	-0.492	-0.004
10	C27UB	-0.483	-0.493	0.010
10	C25UB	-0.482	-0.486	0.004
25	A131B	-0.491	-0.486	-0.005
25	A130B	-0.491	-0.485	-0.006
25	B47B	-0.501	-0.494	-0.007
25	C24B	-0.483	-0.477	-0.006
25	C9B	-0.490	-0.478	-0.012
25	A129UB	-0.493	-0.480	-0.013
25	A128UB	-0.491	-0.477	-0.014
25	A118UB	-0.487	-0.484	-0.003
25	C23UB	-0.487	-0.488	0.001
25	C22UB	-0.484	-0.487	0.003
30	333B	-0.483	-0.478	-0.005
30	334B	-0.491	-0.484	-0.007
30	335B	-0.484	-0.476	-0.008
30	336B	-0.490	-0.482	-0.008
30	337B	-0.490	-0.482	-0.008
30	322UB	-0.489	-0.480	-0.009
30	329UB	-0.488	-0.481	-0.007
30	330UB	-0.490	-0.482	-0.008
30	331UB	-0.491	-0.480	-0.011
30	332UB	-0.489	-0.483	-0.006
50	A114B	-0.488	-0.477	-0.011
50	A115B	-0.488	-0.475	-0.013
50	A116B	-0.492	-0.479	-0.013
50	A120B	-0.492	-0.479	-0.013
50	A121B	-0.490	-0.478	-0.012
50	A123B	-0.488	-0.476	-0.012
50	A124B	-0.494	-0.481	-0.013
50	A189B	-0.491	-0.478	-0.013
50	A190B	-0.493	-0.481	-0.012
50	B41B	-0.499	-0.486	-0.013
50	B38B	-0.491	-0.478	-0.013
50	C20B	-0.489	-0.476	-0.013
50	C10B	-0.488	-0.474	-0.014
50	C15B	-0.487	-0.473	-0.014
50	C13B	-0.488	-0.475	-0.013
50	C3B	-0.487	-0.474	-0.013
50	C16B	-0.490	-0.477	-0.013
50	C35B	-0.490	-0.477	-0.013
50	C47B	-0.488	-0.475	-0.013
50	C54B	-0.488	-0.471	-0.017
50	C51B	-0.491	-0.477	-0.014
50	C55B	-0.486	-0.474	-0.012
	Max	-0.481	-0.471	0.010
	Average	-0.490	-0.483	-0.007
	Min	-0.504	-0.507	-0.017
	Std Dev	0.005	0.007	0.007

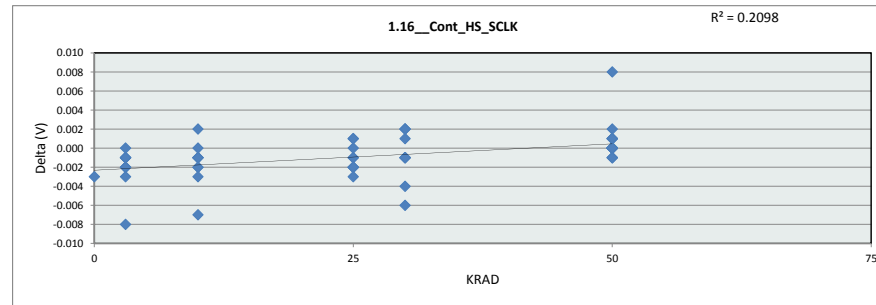


		1.15_Cont_LS_AINN2					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
KRAD	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.489	-0.507	-0.501	-0.494	-0.484	-0.486	
Average	-0.489	-0.490	-0.487	-0.484	-0.481	-0.477	
Max	-0.489	-0.483	-0.479	-0.477	-0.476	-0.471	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	

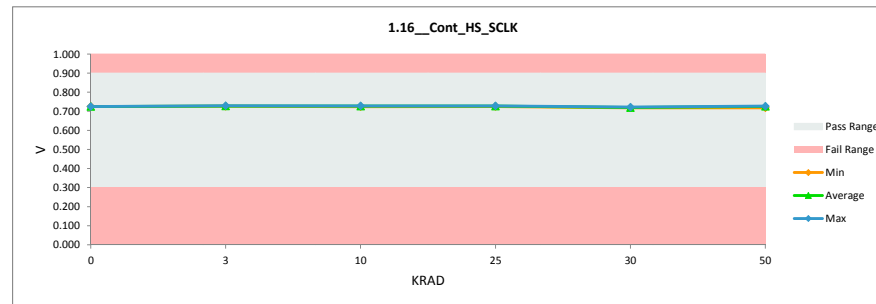


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.16_Cont_HS_SCLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.722	0.725	-0.003
3	A142B	0.727	0.729	-0.002
3	A141B	0.725	0.727	-0.002
3	B78B	0.718	0.726	-0.008
3	C1B	0.726	0.728	-0.002
3	C2B	0.726	0.727	-0.001
3	A138UB	0.725	0.728	-0.003
3	A140UB	0.725	0.726	-0.001
3	B21UB	0.726	0.727	-0.001
3	C7UB	0.726	0.727	-0.001
3	C31UB	0.726	0.726	0.000
10	A135B	0.726	0.727	-0.001
10	A137B	0.725	0.727	-0.002
10	B64B	0.719	0.726	-0.007
10	C29B	0.726	0.727	-0.001
10	C30B	0.726	0.727	-0.001
10	A133UB	0.726	0.728	-0.002
10	A132UB	0.725	0.728	-0.003
10	B75UB	0.726	0.724	0.002
10	C27UB	0.726	0.726	0.000
10	C25UB	0.726	0.727	-0.001
25	A131B	0.725	0.727	-0.002
25	A130B	0.725	0.728	-0.003
25	B47B	0.726	0.725	0.001
25	C24B	0.726	0.728	-0.002
25	C9B	0.726	0.727	-0.001
25	A129UB	0.726	0.727	-0.001
25	A128UB	0.725	0.725	0.000
25	A118UB	0.725	0.727	-0.002
25	C23UB	0.726	0.728	-0.002
25	C22UB	0.726	0.725	0.001
30	333B	0.713	0.719	-0.006
30	334B	0.719	0.720	-0.001
30	335B	0.721	0.722	-0.001
30	336B	0.719	0.720	-0.001
30	337B	0.720	0.721	-0.001
30	322UB	0.715	0.719	-0.004
30	329UB	0.719	0.718	0.001
30	330UB	0.720	0.718	0.002
30	331UB	0.720	0.718	0.002
30	332UB	0.720	0.718	0.002
50	A114B	0.726	0.726	0.000
50	A115B	0.725	0.725	0.000
50	A116B	0.725	0.725	0.000
50	A120B	0.726	0.726	0.000
50	A121B	0.725	0.726	-0.001
50	A123B	0.726	0.727	-0.001
50	A124B	0.725	0.725	0.000
50	A189B	0.726	0.726	0.000
50	A190B	0.726	0.726	0.000
50	B41B	0.726	0.726	0.000
50	B38B	0.726	0.725	0.001
50	C20B	0.725	0.726	-0.001
50	C10B	0.727	0.725	0.002
50	C15B	0.726	0.725	0.001
50	C13B	0.727	0.726	0.001
50	C3B	0.727	0.726	0.001
50	C16B	0.726	0.726	0.000
50	C35B	0.726	0.726	0.000
50	C47B	0.726	0.726	0.000
50	C54B	0.726	0.718	0.008
50	C51B	0.726	0.726	0.000
50	C55B	0.727	0.727	0.000
	Max	0.727	0.729	0.008
	Average	0.724	0.725	-0.001
	Min	0.713	0.718	-0.008
	Std Dev	0.003	0.003	0.002

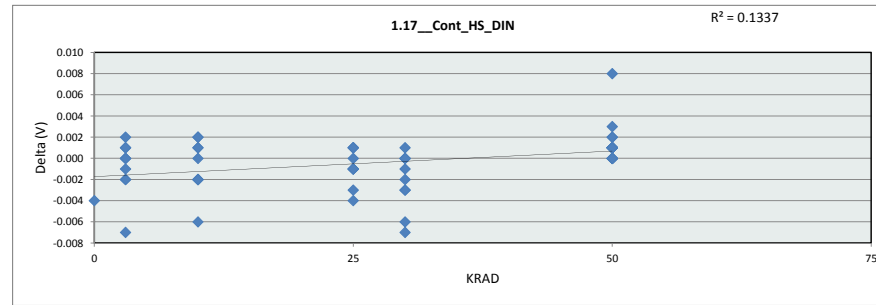


1.16_Cont_HS_SCLK						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.725	0.726	0.724	0.725	0.718	0.718
Average	0.725	0.727	0.727	0.727	0.719	0.725
Max	0.725	0.729	0.728	0.728	0.722	0.727
UL	0.900	0.900	0.900	0.900	0.900	0.900

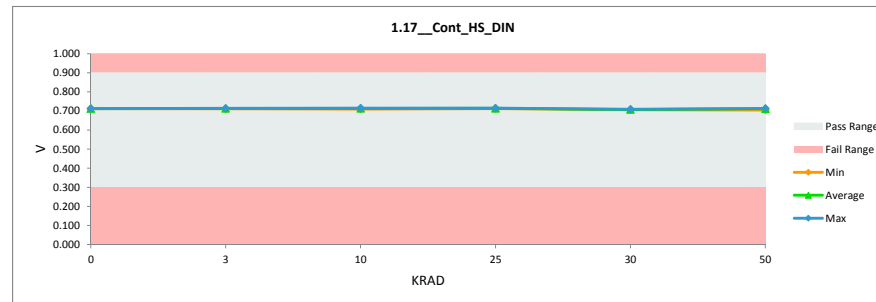


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.17_Cont_HS_DIN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.708	0.712	-0.004
3	A142B	0.712	0.712	0.000
3	A141B	0.714	0.714	0.000
3	B78B	0.706	0.713	-0.007
3	C1B	0.713	0.714	-0.001
3	C2B	0.714	0.713	0.001
3	A138UB	0.712	0.714	-0.002
3	A140UB	0.713	0.712	0.001
3	B21UB	0.713	0.711	0.002
3	C7UB	0.713	0.713	0.000
3	C31UB	0.711	0.713	-0.002
10	A135B	0.714	0.714	0.000
10	A137B	0.712	0.714	-0.002
10	B64B	0.706	0.712	-0.006
10	C29B	0.711	0.713	-0.002
10	C30B	0.713	0.711	0.002
10	A133UB	0.713	0.715	-0.002
10	A132UB	0.713	0.715	-0.002
10	B75UB	0.712	0.710	0.002
10	C27UB	0.714	0.713	0.001
10	C25UB	0.714	0.713	0.001
25	A131B	0.712	0.715	-0.003
25	A130B	0.714	0.714	0.000
25	B47B	0.713	0.712	0.001
25	C24B	0.712	0.713	-0.001
25	C9B	0.713	0.714	-0.001
25	A129UB	0.711	0.715	-0.004
25	A128UB	0.712	0.713	-0.001
25	A118UB	0.713	0.714	-0.001
25	C23UB	0.714	0.713	0.001
25	C22UB	0.714	0.713	0.001
30	333B	0.700	0.707	-0.007
30	334B	0.706	0.709	-0.003
30	335B	0.705	0.708	-0.003
30	336B	0.706	0.708	-0.002
30	337B	0.707	0.708	-0.001
30	322UB	0.702	0.708	-0.006
30	329UB	0.706	0.706	0.000
30	330UB	0.706	0.706	0.000
30	331UB	0.707	0.707	0.000
30	332UB	0.707	0.706	0.001
50	A114B	0.714	0.713	0.001
50	A115B	0.713	0.712	0.001
50	A116B	0.712	0.712	0.000
50	A120B	0.713	0.712	0.001
50	A121B	0.713	0.713	0.000
50	A123B	0.714	0.713	0.001
50	A124B	0.712	0.712	0.000
50	A189B	0.713	0.713	0.000
50	A190B	0.713	0.713	0.000
50	B41B	0.714	0.713	0.001
50	B38B	0.713	0.712	0.001
50	C20B	0.712	0.712	0.000
50	C10B	0.714	0.711	0.003
50	C15B	0.713	0.711	0.002
50	C13B	0.713	0.712	0.001
50	C3B	0.714	0.713	0.001
50	C16B	0.713	0.712	0.001
50	C35B	0.713	0.712	0.001
50	C47B	0.712	0.712	0.000
50	C54B	0.713	0.705	0.008
50	C51B	0.712	0.711	0.001
50	C55B	0.714	0.712	0.002
	Max	0.714	0.715	0.008
	Average	0.711	0.712	0.000
	Min	0.700	0.705	-0.007
	Std Dev	0.003	0.002	0.002

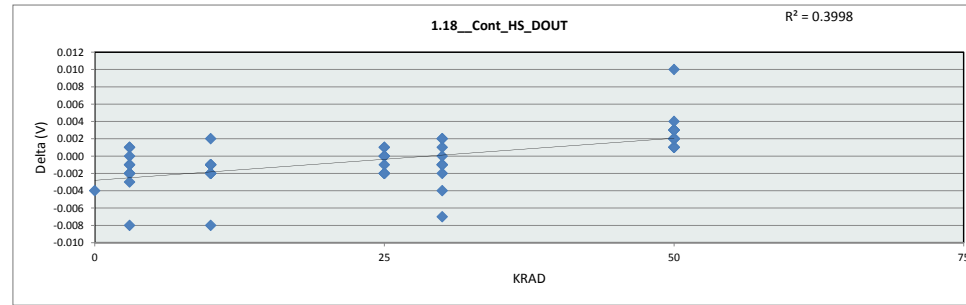


1.17_Cont_HS_DIN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.712	0.711	0.710	0.710	0.706	0.705
Average	0.712	0.713	0.713	0.714	0.707	0.712
Max	0.712	0.714	0.715	0.715	0.709	0.713
UL	0.900	0.900	0.900	0.900	0.900	0.900

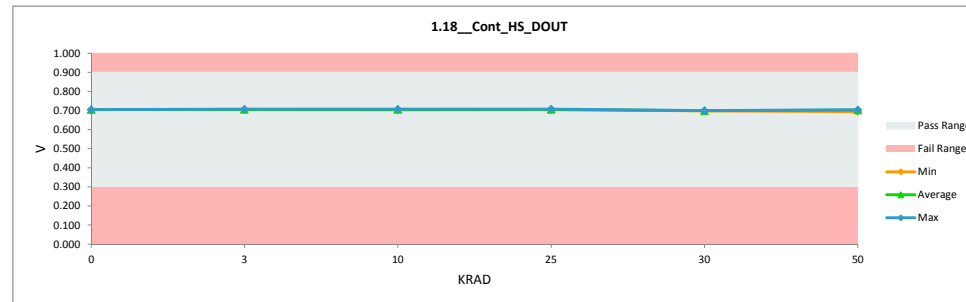


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.18_Cont_HS_DOUT				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.701	0.705	-0.004
3	A142B	0.704	0.706	-0.002
3	A141B	0.705	0.707	-0.002
3	B78B	0.698	0.706	-0.008
3	C1B	0.704	0.706	-0.002
3	C2B	0.705	0.704	0.001
3	A138UB	0.705	0.706	-0.001
3	A140UB	0.706	0.706	0.000
3	B21UB	0.706	0.705	0.001
3	C7UB	0.705	0.706	-0.001
3	C31UB	0.703	0.706	-0.003
10	A135B	0.706	0.707	-0.001
10	A137B	0.705	0.707	-0.002
10	B64B	0.698	0.706	-0.008
10	C29B	0.703	0.705	-0.002
10	C30B	0.703	0.704	-0.001
10	A133UB	0.705	0.707	-0.002
10	A132UB	0.705	0.706	-0.001
10	B75UB	0.705	0.703	0.002
10	C27UB	0.704	0.706	-0.002
10	C25UB	0.705	0.706	-0.001
25	A131B	0.705	0.707	-0.002
25	A130B	0.705	0.707	-0.002
25	B47B	0.705	0.704	0.001
25	C24B	0.703	0.704	-0.001
25	C9B	0.705	0.705	0.000
25	A129UB	0.704	0.706	-0.002
25	A128UB	0.705	0.704	0.001
25	A118UB	0.705	0.707	-0.002
25	C23UB	0.705	0.705	0.000
25	C22UB	0.705	0.705	0.000
30	333B	0.691	0.698	-0.007
30	334B	0.698	0.700	-0.002
30	335B	0.698	0.699	-0.001
30	336B	0.699	0.700	-0.001
30	337B	0.699	0.700	-0.001
30	322UB	0.694	0.698	-0.004
30	329UB	0.698	0.698	0.000
30	330UB	0.699	0.698	0.001
30	331UB	0.700	0.698	0.002
30	332UB	0.700	0.698	0.002
50	A114B	0.705	0.703	0.002
50	A115B	0.705	0.703	0.002
50	A116B	0.705	0.703	0.002
50	A120B	0.705	0.703	0.002
50	A121B	0.705	0.704	0.001
50	A123B	0.705	0.704	0.001
50	A124B	0.705	0.703	0.002
50	A189B	0.705	0.704	0.001
50	A190B	0.704	0.703	0.001
50	B41B	0.706	0.703	0.003
50	B38B	0.705	0.703	0.002
50	C20B	0.703	0.702	0.001
50	C10B	0.705	0.702	0.003
50	C15B	0.705	0.702	0.003
50	C13B	0.705	0.702	0.003
50	C3B	0.706	0.704	0.002
50	C16B	0.705	0.703	0.002
50	C35B	0.705	0.703	0.002
50	C47B	0.704	0.702	0.002
50	C54B	0.704	0.694	0.010
50	C51B	0.704	0.701	0.003
50	C55B	0.706	0.702	0.004
	Max	0.706	0.707	0.010
	Average	0.703	0.703	0.000
	Min	0.691	0.694	-0.008
	Std Dev	0.003	0.003	0.003

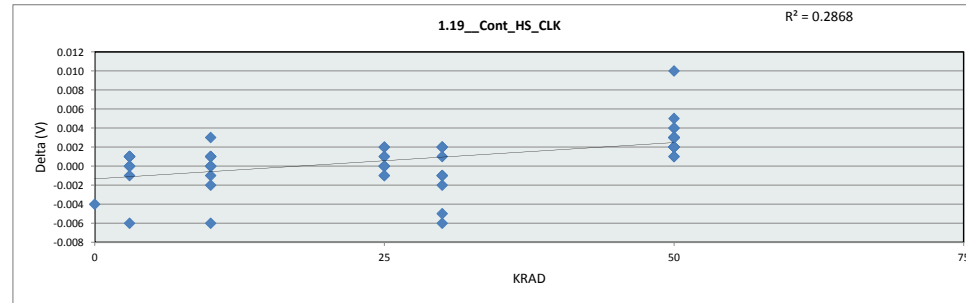


1.18_Cont_HS_DOUT						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.705	0.704	0.703	0.704	0.698	0.694
Average	0.705	0.706	0.706	0.705	0.699	0.702
Max	0.705	0.707	0.707	0.707	0.700	0.704
UL	0.900	0.900	0.900	0.900	0.900	0.900

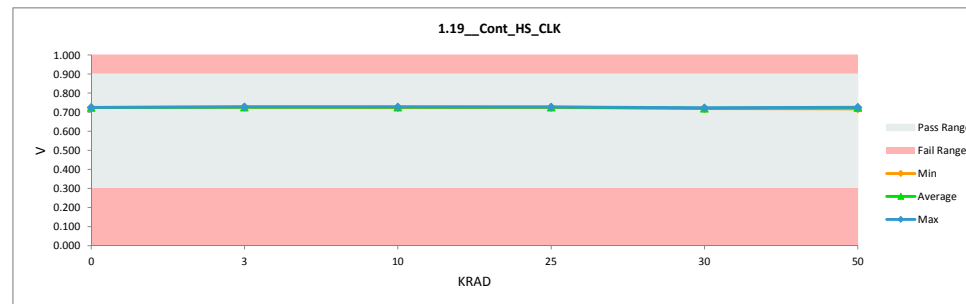


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.19_Cont_HS_CLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.721	0.725	-0.004
3	A142B	0.728	0.728	0.000
3	A141B	0.727	0.726	0.001
3	B78B	0.720	0.726	-0.006
3	C1B	0.728	0.727	0.001
3	C2B	0.728	0.727	0.001
3	A138UB	0.726	0.727	-0.001
3	A140UB	0.726	0.726	0.000
3	B21UB	0.727	0.727	0.000
3	C7UB	0.727	0.726	0.001
3	C31UB	0.727	0.726	0.001
10	A135B	0.727	0.727	0.000
10	A137B	0.726	0.727	-0.001
10	B64B	0.720	0.726	-0.006
10	C29B	0.728	0.727	0.001
10	C30B	0.727	0.727	0.000
10	A133UB	0.728	0.728	0.000
10	A132UB	0.726	0.728	-0.002
10	B75UB	0.727	0.724	0.003
10	C27UB	0.727	0.726	0.001
10	C25UB	0.728	0.727	0.001
25	A131B	0.726	0.727	-0.001
25	A130B	0.726	0.727	-0.001
25	B47B	0.728	0.726	0.002
25	C24B	0.727	0.727	0.000
25	C9B	0.727	0.727	0.000
25	A129UB	0.727	0.727	0.000
25	A128UB	0.726	0.725	0.001
25	A118UB	0.727	0.726	0.001
25	C23UB	0.727	0.727	0.000
25	C22UB	0.727	0.725	0.002
30	333B	0.714	0.720	-0.006
30	334B	0.720	0.722	-0.002
30	335B	0.722	0.723	-0.001
30	336B	0.720	0.721	-0.001
30	337B	0.721	0.722	-0.001
30	322UB	0.716	0.721	-0.005
30	329UB	0.720	0.719	0.001
30	330UB	0.721	0.719	0.002
30	331UB	0.721	0.719	0.002
30	332UB	0.721	0.719	0.002
50	A114B	0.727	0.725	0.002
50	A115B	0.726	0.724	0.002
50	A116B	0.726	0.724	0.002
50	A120B	0.727	0.724	0.003
50	A121B	0.726	0.725	0.001
50	A123B	0.728	0.726	0.002
50	A124B	0.726	0.724	0.002
50	A189B	0.727	0.726	0.001
50	A190B	0.727	0.725	0.002
50	B41B	0.727	0.724	0.003
50	B38B	0.727	0.724	0.003
50	C20B	0.727	0.725	0.002
50	C10B	0.729	0.724	0.005
50	C15B	0.728	0.724	0.004
50	C13B	0.729	0.725	0.004
50	C3B	0.728	0.725	0.003
50	C16B	0.727	0.725	0.002
50	C35B	0.727	0.724	0.003
50	C47B	0.728	0.725	0.003
50	C54B	0.727	0.717	0.010
50	C51B	0.728	0.725	0.003
50	C55B	0.728	0.725	0.003
Max		0.729	0.728	0.010
Average		0.726	0.725	0.001
Min		0.714	0.717	-0.006
Std Dev		0.003	0.003	0.003

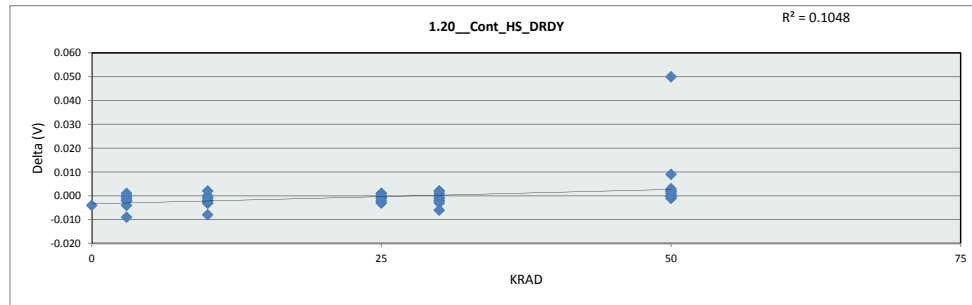


1.19_Cont_HS_CLK						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.725	0.726	0.724	0.725	0.719	0.717
Average	0.725	0.727	0.727	0.726	0.721	0.724
Max	0.725	0.728	0.728	0.727	0.723	0.726
UL	0.900	0.900	0.900	0.900	0.900	0.900

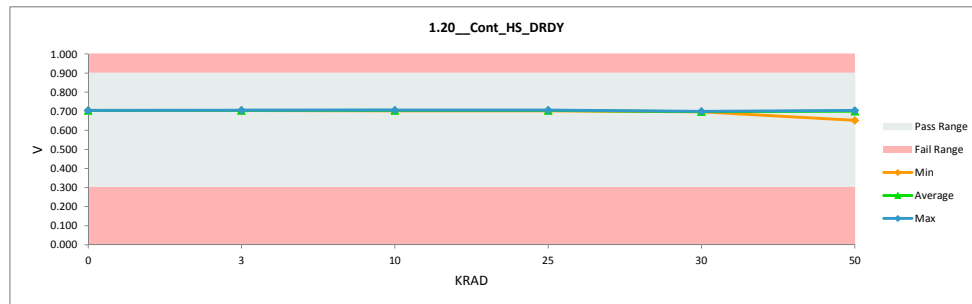


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.20_Cont_HS_DRDY				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.700	0.704	-0.004
3	A142B	0.702	0.704	-0.002
3	A141B	0.704	0.705	-0.001
3	B78B	0.696	0.705	-0.009
3	C1B	0.702	0.704	-0.002
3	C2B	0.703	0.703	0.000
3	A138UB	0.703	0.705	-0.002
3	A140UB	0.704	0.704	0.000
3	B21UB	0.704	0.703	0.001
3	C7UB	0.703	0.705	-0.002
3	C31UB	0.701	0.705	-0.004
10	A135B	0.704	0.705	-0.001
10	A137B	0.703	0.706	-0.003
10	B64B	0.696	0.704	-0.008
10	C29B	0.701	0.704	-0.003
10	C30B	0.702	0.702	0.000
10	A133UB	0.703	0.706	-0.003
10	A132UB	0.703	0.705	-0.002
10	B75UB	0.704	0.702	0.002
10	C27UB	0.703	0.704	-0.001
10	C25UB	0.703	0.705	-0.002
25	A131B	0.703	0.706	-0.003
25	A130B	0.704	0.706	-0.002
25	B47B	0.704	0.703	0.001
25	C24B	0.702	0.703	-0.001
25	C9B	0.703	0.704	-0.001
25	A129UB	0.702	0.705	-0.003
25	A128UB	0.703	0.702	0.001
25	A118UB	0.703	0.705	-0.002
25	C23UB	0.704	0.704	0.000
25	C22UB	0.703	0.704	-0.001
30	333B	0.691	0.697	-0.006
30	334B	0.698	0.699	-0.001
30	335B	0.697	0.699	-0.002
30	336B	0.697	0.699	-0.002
30	337B	0.698	0.699	-0.001
30	322UB	0.694	0.697	-0.003
30	329UB	0.697	0.697	0.000
30	330UB	0.698	0.697	0.001
30	331UB	0.699	0.697	0.002
30	332UB	0.699	0.697	0.002
50	A114B	0.703	0.703	0.000
50	A115B	0.703	0.703	0.000
50	A116B	0.703	0.703	0.000
50	A120B	0.703	0.703	0.000
50	A121B	0.704	0.704	0.000
50	A123B	0.703	0.704	-0.001
50	A124B	0.703	0.703	0.000
50	A189B	0.703	0.703	0.000
50	A190B	0.702	0.702	0.000
50	B41B	0.705	0.704	0.001
50	B38B	0.703	0.702	0.001
50	C20B	0.701	0.702	-0.001
50	C10B	0.703	0.700	0.003
50	C15B	0.703	0.701	0.002
50	C13B	0.703	0.701	0.002
50	C3B	0.704	0.704	0.000
50	C16B	0.703	0.702	0.001
50	C35B	0.703	0.703	0.000
50	C47B	0.702	0.702	0.000
50	C54B	0.702	0.693	0.009
50	C51B	0.702	0.652	0.050
50	C55B	0.704	0.702	0.002
Max		0.705	0.706	0.050
Average		0.702	0.702	0.000
Min		0.691	0.652	-0.009
Std Dev		0.003	0.007	0.007

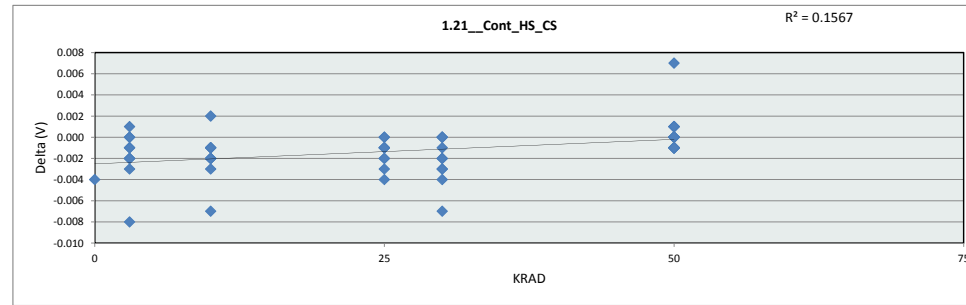


1.20_Cont_HS_DRDY						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.704	0.703	0.702	0.702	0.697	0.652
Average	0.704	0.704	0.704	0.704	0.698	0.700
Max	0.704	0.705	0.706	0.706	0.699	0.704
UL	0.900	0.900	0.900	0.900	0.900	0.900

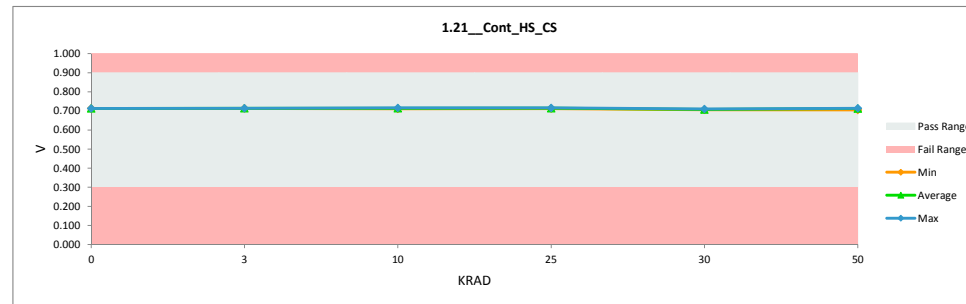


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		1.21_Cont_HS_CS		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.709	0.713	-0.004
3	A142B	0.713	0.714	-0.001
3	A141B	0.713	0.714	-0.001
3	B78B	0.706	0.714	-0.008
3	C1B	0.712	0.714	-0.002
3	C2B	0.713	0.713	0.000
3	A138UB	0.712	0.714	-0.002
3	A140UB	0.713	0.713	0.000
3	B21UB	0.714	0.713	0.001
3	C7UB	0.712	0.714	-0.002
3	C31UB	0.711	0.714	-0.003
10	A135B	0.714	0.716	-0.002
10	A137B	0.712	0.714	-0.002
10	B64B	0.706	0.713	-0.007
10	C29B	0.711	0.714	-0.003
10	C30B	0.712	0.713	-0.001
10	A133UB	0.713	0.715	-0.002
10	A132UB	0.713	0.715	-0.002
10	B75UB	0.713	0.711	0.002
10	C27UB	0.713	0.714	-0.001
10	C25UB	0.713	0.714	-0.001
25	A131B	0.712	0.716	-0.004
25	A130B	0.713	0.715	-0.002
25	B47B	0.714	0.714	0.000
25	C24B	0.712	0.714	-0.002
25	C9B	0.713	0.714	-0.001
25	A129UB	0.713	0.716	-0.003
25	A128UB	0.712	0.712	0.000
25	A118UB	0.713	0.714	-0.001
25	C23UB	0.714	0.715	-0.001
25	C22UB	0.712	0.713	-0.001
30	333B	0.700	0.707	-0.007
30	334B	0.706	0.709	-0.003
30	335B	0.707	0.710	-0.003
30	336B	0.706	0.708	-0.002
30	337B	0.707	0.709	-0.002
30	322UB	0.703	0.707	-0.004
30	329UB	0.706	0.706	0.000
30	330UB	0.706	0.706	0.000
30	331UB	0.706	0.707	-0.001
30	332UB	0.707	0.707	0.000
50	A114B	0.713	0.714	-0.001
50	A115B	0.712	0.713	-0.001
50	A116B	0.712	0.712	0.000
50	A120B	0.713	0.713	0.000
50	A121B	0.713	0.714	-0.001
50	A123B	0.713	0.714	-0.001
50	A124B	0.712	0.713	-0.001
50	A189B	0.713	0.714	-0.001
50	A190B	0.712	0.713	-0.001
50	B41B	0.715	0.714	0.001
50	B38B	0.713	0.713	0.000
50	C20B	0.712	0.713	-0.001
50	C10B	0.713	0.712	0.001
50	C15B	0.712	0.712	0.000
50	C13B	0.714	0.713	0.001
50	C3B	0.713	0.714	-0.001
50	C16B	0.713	0.713	0.000
50	C35B	0.713	0.713	0.000
50	C47B	0.712	0.712	0.000
50	C54B	0.712	0.705	0.007
50	C51B	0.712	0.712	0.000
50	C55B	0.714	0.713	0.001
	Max	0.715	0.716	0.007
	Average	0.711	0.712	-0.001
	Min	0.700	0.705	-0.008
	Std Dev	0.003	0.003	0.002

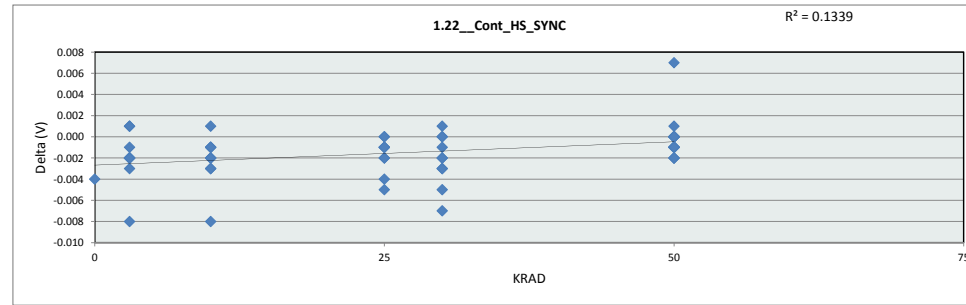


		1.21_Cont_HS_CS					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	0.9	V					
Min Limit	0.3	V					
KRAD	0	3	10	25	30	50	
LL	0.300	0.300	0.300	0.300	0.300	0.300	
Min	0.713	0.713	0.714	0.712	0.706	0.705	
Average	0.713	0.714	0.714	0.714	0.708	0.713	
Max	0.713	0.714	0.716	0.716	0.710	0.714	
UL	0.900	0.900	0.900	0.900	0.900	0.900	

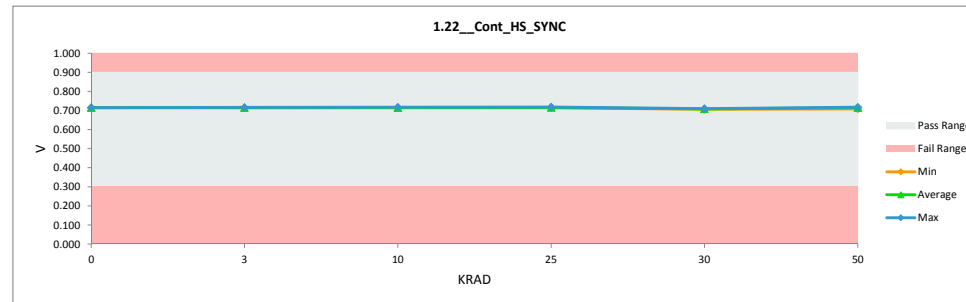


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.22_Cont_HS_SYNC				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.711	0.715	-0.004
3	A142B	0.714	0.716	-0.002
3	A141B	0.714	0.716	-0.002
3	B78B	0.707	0.715	-0.008
3	C1B	0.712	0.715	-0.003
3	C2B	0.714	0.713	0.001
3	A138UB	0.713	0.715	-0.002
3	A140UB	0.714	0.715	-0.001
3	B21UB	0.716	0.715	0.001
3	C7UB	0.714	0.716	-0.002
3	C31UB	0.713	0.715	-0.002
10	A135B	0.715	0.716	-0.001
10	A137B	0.714	0.716	-0.002
10	B64B	0.706	0.714	-0.008
10	C29B	0.712	0.715	-0.003
10	C30B	0.713	0.714	-0.001
10	A133UB	0.715	0.717	-0.002
10	A132UB	0.713	0.716	-0.003
10	B75UB	0.715	0.714	0.001
10	C27UB	0.714	0.715	-0.001
10	C25UB	0.714	0.716	-0.002
25	A131B	0.713	0.718	-0.005
25	A130B	0.715	0.716	-0.001
25	B47B	0.715	0.715	0.000
25	C24B	0.712	0.714	-0.002
25	C9B	0.714	0.715	-0.001
25	A129UB	0.713	0.717	-0.004
25	A128UB	0.713	0.714	-0.001
25	A118UB	0.714	0.716	-0.002
25	C23UB	0.715	0.716	-0.001
25	C22UB	0.714	0.714	0.000
30	333B	0.701	0.708	-0.007
30	334B	0.706	0.709	-0.003
30	335B	0.706	0.709	-0.003
30	336B	0.707	0.709	-0.002
30	337B	0.708	0.710	-0.002
30	322UB	0.703	0.708	-0.005
30	329UB	0.706	0.707	-0.001
30	330UB	0.707	0.706	0.001
30	331UB	0.707	0.707	0.000
30	332UB	0.707	0.707	0.000
50	A114B	0.715	0.716	-0.001
50	A115B	0.714	0.715	-0.001
50	A116B	0.714	0.714	0.000
50	A120B	0.714	0.714	0.000
50	A121B	0.715	0.716	-0.001
50	A123B	0.715	0.717	-0.002
50	A124B	0.714	0.714	0.000
50	A189B	0.714	0.716	-0.002
50	A190B	0.715	0.715	0.000
50	B41B	0.716	0.716	0.000
50	B38B	0.714	0.714	0.000
50	C20B	0.713	0.714	-0.001
50	C10B	0.715	0.714	0.001
50	C15B	0.713	0.713	0.000
50	C13B	0.715	0.715	0.000
50	C3B	0.715	0.715	0.000
50	C16B	0.714	0.715	-0.001
50	C35B	0.714	0.715	-0.001
50	C47B	0.712	0.713	-0.001
50	C54B	0.715	0.708	0.007
50	C51B	0.713	0.715	-0.002
50	C55B	0.715	0.715	0.000
	Max	0.716	0.718	0.007
	Average	0.712	0.714	-0.001
	Min	0.701	0.706	-0.008
	Std Dev	0.003	0.003	0.002

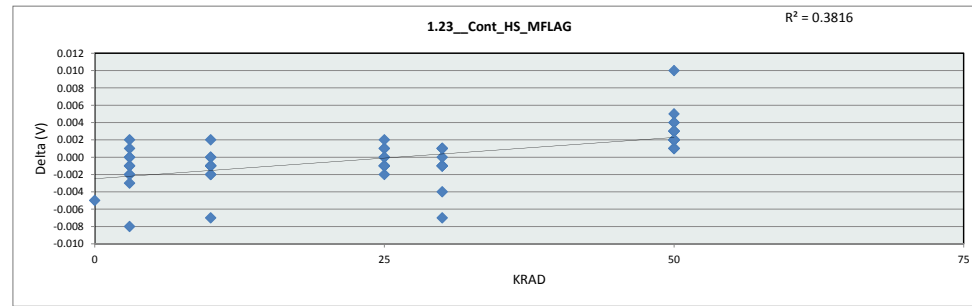


1.22_Cont_HS_SYNC						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.715	0.713	0.714	0.714	0.706	0.708
Average	0.715	0.715	0.715	0.716	0.708	0.715
Max	0.715	0.716	0.717	0.718	0.710	0.717
UL	0.900	0.900	0.900	0.900	0.900	0.900

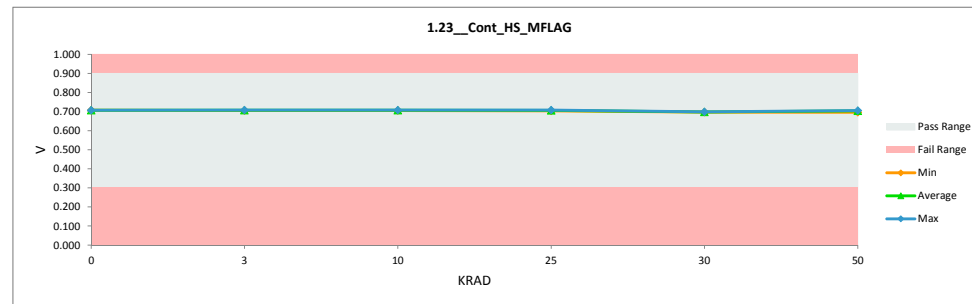


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.23_Cont_HS_MFLAG				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.702	0.707	-0.005
3	A142B	0.706	0.707	-0.001
3	A141B	0.707	0.707	0.000
3	B78B	0.699	0.707	-0.008
3	C1B	0.705	0.706	-0.001
3	C2B	0.706	0.705	0.001
3	A138UB	0.706	0.708	-0.002
3	A140UB	0.707	0.707	0.000
3	B21UB	0.708	0.706	0.002
3	C7UB	0.706	0.708	-0.002
3	C31UB	0.704	0.707	-0.003
10	A135B	0.707	0.708	-0.001
10	A137B	0.707	0.708	-0.001
10	B64B	0.699	0.706	-0.007
10	C29B	0.705	0.706	-0.001
10	C30B	0.705	0.705	0.000
10	A133UB	0.706	0.708	-0.002
10	A132UB	0.707	0.707	0.000
10	B75UB	0.707	0.705	0.002
10	C27UB	0.706	0.708	-0.002
10	C25UB	0.706	0.707	-0.001
25	A131B	0.706	0.708	-0.002
25	A130B	0.707	0.708	-0.001
25	B47B	0.707	0.706	0.001
25	C24B	0.705	0.705	0.000
25	C9B	0.706	0.705	0.001
25	A129UB	0.706	0.707	-0.001
25	A128UB	0.706	0.704	0.002
25	A118UB	0.706	0.707	-0.001
25	C23UB	0.706	0.707	-0.001
25	C22UB	0.706	0.706	0.000
30	333B	0.690	0.697	-0.007
30	334B	0.698	0.699	-0.001
30	335B	0.697	0.698	-0.001
30	336B	0.698	0.699	-0.001
30	337B	0.698	0.699	-0.001
30	322UB	0.693	0.697	-0.004
30	329UB	0.697	0.697	0.000
30	330UB	0.698	0.697	0.001
30	331UB	0.698	0.697	0.001
30	332UB	0.698	0.697	0.001
50	A114B	0.706	0.705	0.001
50	A115B	0.707	0.704	0.003
50	A116B	0.706	0.704	0.002
50	A120B	0.706	0.704	0.002
50	A121B	0.707	0.705	0.002
50	A123B	0.706	0.705	0.001
50	A124B	0.707	0.705	0.002
50	A189B	0.706	0.705	0.001
50	A190B	0.706	0.704	0.002
50	B41B	0.707	0.704	0.003
50	B38B	0.706	0.704	0.002
50	C20B	0.705	0.704	0.001
50	C10B	0.706	0.701	0.005
50	C15B	0.706	0.702	0.004
50	C13B	0.707	0.703	0.004
50	C3B	0.707	0.705	0.002
50	C16B	0.706	0.704	0.002
50	C35B	0.706	0.703	0.003
50	C47B	0.705	0.703	0.002
50	C54B	0.706	0.696	0.010
50	C51B	0.706	0.703	0.003
50	C55B	0.706	0.704	0.002
	Max	0.708	0.708	0.010
	Average	0.704	0.704	0.000
	Min	0.690	0.696	-0.008
	Std Dev	0.004	0.003	0.003

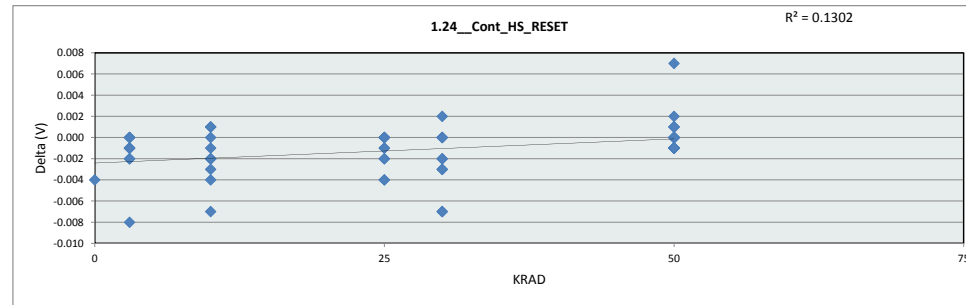


1.23_Cont_HS_MFLAG						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.707	0.705	0.705	0.705	0.704	0.697
Average	0.707	0.707	0.707	0.706	0.698	0.704
Max	0.707	0.708	0.708	0.708	0.699	0.705
UL	0.900	0.900	0.900	0.900	0.900	0.900

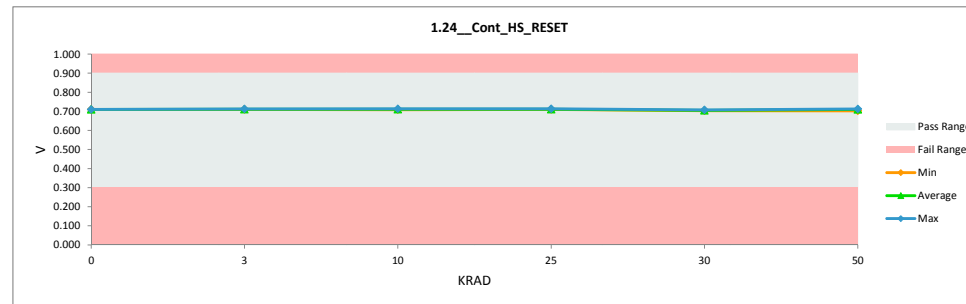


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.24_Cont_HS_RESET				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.706	0.710	-0.004
3	A142B	0.710	0.711	-0.001
3	A141B	0.711	0.712	-0.001
3	B78B	0.702	0.710	-0.008
3	C1B	0.711	0.712	-0.001
3	C2B	0.711	0.711	0.000
3	A138UB	0.709	0.711	-0.002
3	A140UB	0.710	0.710	0.000
3	B21UB	0.710	0.710	0.000
3	C7UB	0.709	0.710	-0.001
3	C31UB	0.709	0.711	-0.002
10	A135B	0.711	0.712	-0.001
10	A137B	0.710	0.712	-0.002
10	B64B	0.703	0.710	-0.007
10	C29B	0.708	0.711	-0.003
10	C30B	0.710	0.709	0.001
10	A133UB	0.711	0.713	-0.002
10	A132UB	0.708	0.712	-0.004
10	B75UB	0.709	0.708	0.001
10	C27UB	0.710	0.710	0.000
10	C25UB	0.710	0.712	-0.002
25	A131B	0.709	0.713	-0.004
25	A130B	0.710	0.712	-0.002
25	B47B	0.710	0.710	0.000
25	C24B	0.708	0.710	-0.002
25	C9B	0.711	0.711	0.000
25	A129UB	0.708	0.712	-0.004
25	A128UB	0.710	0.710	0.000
25	A118UB	0.711	0.712	-0.001
25	C23UB	0.710	0.711	-0.001
25	C22UB	0.710	0.710	0.000
30	333B	0.698	0.705	-0.007
30	334B	0.704	0.707	-0.003
30	335B	0.703	0.706	-0.003
30	336B	0.704	0.706	-0.002
30	337B	0.704	0.706	-0.002
30	322UB	0.699	0.706	-0.007
30	329UB	0.704	0.704	0.000
30	330UB	0.704	0.704	0.000
30	331UB	0.704	0.704	0.000
30	332UB	0.705	0.703	0.002
50	A114B	0.710	0.711	-0.001
50	A115B	0.710	0.711	-0.001
50	A116B	0.709	0.709	0.000
50	A120B	0.711	0.711	0.000
50	A121B	0.710	0.711	-0.001
50	A123B	0.711	0.712	-0.001
50	A124B	0.709	0.709	0.000
50	A189B	0.710	0.711	-0.001
50	A190B	0.710	0.711	-0.001
50	B41B	0.711	0.711	0.000
50	B38B	0.709	0.709	0.000
50	C20B	0.708	0.709	-0.001
50	C10B	0.712	0.710	0.002
50	C15B	0.709	0.708	0.001
50	C13B	0.711	0.710	0.001
50	C3B	0.711	0.711	0.000
50	C16B	0.711	0.711	0.000
50	C35B	0.709	0.710	-0.001
50	C47B	0.710	0.710	0.000
50	C54B	0.709	0.702	0.007
50	C51B	0.709	0.709	0.000
50	C55B	0.711	0.710	0.001
	Max	0.712	0.713	0.007
	Average	0.708	0.710	-0.001
	Min	0.698	0.702	-0.008
	Std Dev	0.003	0.003	0.002

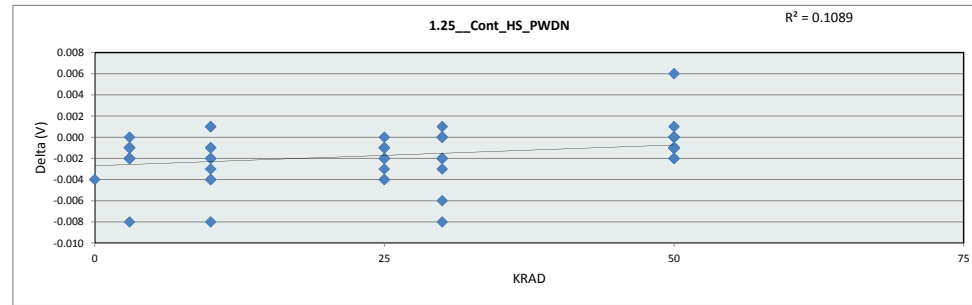


1.24_Cont_HS_RESET						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.710	0.710	0.708	0.710	0.703	0.702
Average	0.710	0.711	0.711	0.711	0.705	0.710
Max	0.710	0.712	0.713	0.713	0.707	0.712
UL	0.900	0.900	0.900	0.900	0.900	0.900

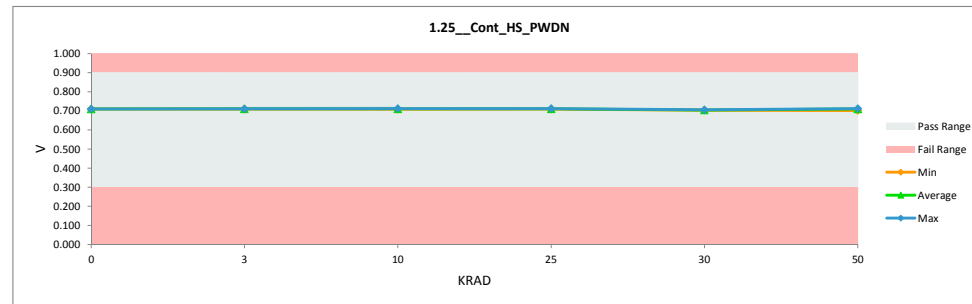


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.25_Cont_HS_PWDN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.706	0.710	-0.004
3	A142B	0.709	0.711	-0.002
3	A141B	0.710	0.711	-0.001
3	B78B	0.701	0.709	-0.008
3	C1B	0.710	0.711	-0.001
3	C2B	0.710	0.711	-0.001
3	A138UB	0.709	0.711	-0.002
3	A140UB	0.710	0.710	0.000
3	B21UB	0.709	0.711	-0.002
3	C7UB	0.709	0.710	-0.001
3	C31UB	0.709	0.711	-0.002
10	A135B	0.709	0.711	-0.002
10	A137B	0.709	0.712	-0.003
10	B64B	0.702	0.710	-0.008
10	C29B	0.707	0.711	-0.004
10	C30B	0.709	0.708	0.001
10	A133UB	0.711	0.712	-0.001
10	A132UB	0.708	0.712	-0.004
10	B75UB	0.709	0.708	0.001
10	C27UB	0.709	0.710	-0.001
10	C25UB	0.710	0.712	-0.002
25	A131B	0.708	0.712	-0.004
25	A130B	0.709	0.711	-0.002
25	B47B	0.710	0.710	0.000
25	C24B	0.707	0.710	-0.003
25	C9B	0.709	0.711	-0.002
25	A129UB	0.708	0.712	-0.004
25	A128UB	0.708	0.709	-0.001
25	A118UB	0.709	0.711	-0.002
25	C23UB	0.710	0.711	-0.001
25	C22UB	0.709	0.710	-0.001
30	333B	0.697	0.705	-0.008
30	334B	0.703	0.706	-0.003
30	335B	0.703	0.705	-0.002
30	336B	0.703	0.705	-0.002
30	337B	0.704	0.706	-0.002
30	322UB	0.699	0.705	-0.006
30	329UB	0.703	0.703	0.000
30	330UB	0.703	0.703	0.000
30	331UB	0.704	0.704	0.000
30	332UB	0.705	0.704	0.001
50	A114B	0.710	0.711	-0.001
50	A115B	0.709	0.710	-0.001
50	A116B	0.709	0.709	0.000
50	A120B	0.711	0.711	0.000
50	A121B	0.710	0.712	-0.002
50	A123B	0.709	0.711	-0.002
50	A124B	0.709	0.710	-0.001
50	A189B	0.709	0.710	-0.001
50	A190B	0.709	0.711	-0.002
50	B41B	0.710	0.710	0.000
50	B38B	0.709	0.710	-0.001
50	C20B	0.709	0.710	-0.001
50	C10B	0.710	0.709	0.001
50	C15B	0.708	0.708	0.000
50	C13B	0.710	0.711	-0.001
50	C3B	0.711	0.712	-0.001
50	C16B	0.709	0.710	-0.001
50	C35B	0.709	0.710	-0.001
50	C47B	0.709	0.710	-0.001
50	C54B	0.708	0.702	0.006
50	C51B	0.708	0.709	-0.001
50	C55B	0.710	0.710	0.000
	Max	0.711	0.712	0.006
	Average	0.708	0.709	-0.002
	Min	0.697	0.702	-0.008
	Std Dev	0.003	0.003	0.002

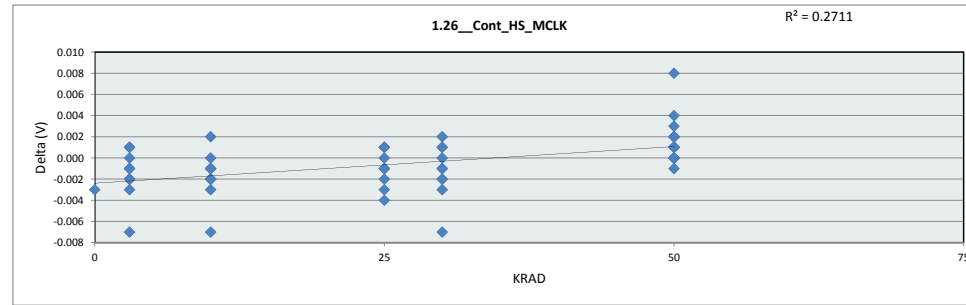


1.25_Cont_HS_PWDN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.710	0.709	0.708	0.709	0.703	0.702
Average	0.710	0.711	0.711	0.711	0.705	0.710
Max	0.710	0.711	0.712	0.712	0.706	0.712
UL	0.900	0.900	0.900	0.900	0.900	0.900

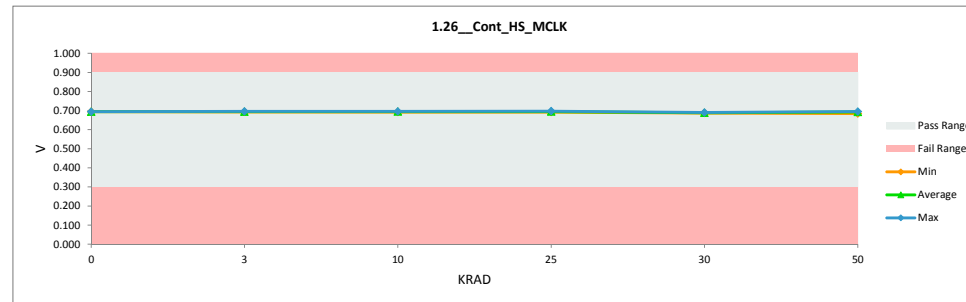


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.26_Cont_HS_MCLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.691	0.694	-0.003
3	A142B	0.693	0.695	-0.002
3	A141B	0.695	0.696	-0.001
3	B78B	0.687	0.694	-0.007
3	C1B	0.692	0.694	-0.002
3	C2B	0.694	0.693	0.001
3	A138UB	0.693	0.695	-0.002
3	A140UB	0.694	0.694	0.000
3	B21UB	0.694	0.693	0.001
3	C7UB	0.693	0.694	-0.001
3	C31UB	0.692	0.695	-0.003
10	A135B	0.695	0.696	-0.001
10	A137B	0.694	0.696	-0.002
10	B64B	0.687	0.694	-0.007
10	C29B	0.691	0.694	-0.003
10	C30B	0.692	0.692	0.000
10	A133UB	0.694	0.695	-0.001
10	A132UB	0.693	0.695	-0.002
10	B75UB	0.695	0.693	0.002
10	C27UB	0.693	0.694	-0.001
10	C25UB	0.693	0.695	-0.002
25	A131B	0.693	0.697	-0.004
25	A130B	0.695	0.696	-0.001
25	B47B	0.694	0.693	0.001
25	C24B	0.691	0.692	-0.001
25	C9B	0.694	0.693	0.001
25	A129UB	0.693	0.695	-0.002
25	A128UB	0.694	0.693	0.001
25	A118UB	0.693	0.696	-0.003
25	C23UB	0.694	0.695	-0.001
25	C22UB	0.694	0.694	0.000
30	333B	0.681	0.688	-0.007
30	334B	0.688	0.690	-0.002
30	335B	0.686	0.688	-0.002
30	336B	0.688	0.689	-0.001
30	337B	0.688	0.689	-0.001
30	322UB	0.685	0.688	-0.003
30	329UB	0.688	0.687	0.001
30	330UB	0.689	0.687	0.002
30	331UB	0.688	0.688	0.000
30	332UB	0.689	0.688	0.001
50	A114B	0.695	0.695	0.000
50	A115B	0.695	0.694	0.001
50	A116B	0.694	0.692	0.002
50	A120B	0.694	0.693	0.001
50	A121B	0.694	0.694	0.000
50	A123B	0.694	0.695	-0.001
50	A124B	0.694	0.692	0.002
50	A189B	0.693	0.693	0.000
50	A190B	0.693	0.693	0.000
50	B41B	0.695	0.694	0.001
50	B38B	0.694	0.693	0.001
50	C20B	0.692	0.692	0.000
50	C10B	0.694	0.692	0.002
50	C15B	0.694	0.691	0.003
50	C13B	0.693	0.692	0.001
50	C3B	0.695	0.695	0.000
50	C16B	0.694	0.692	0.002
50	C35B	0.693	0.692	0.001
50	C47B	0.692	0.692	0.000
50	C54B	0.692	0.684	0.008
50	C51B	0.693	0.691	0.002
50	C55B	0.695	0.691	0.004
	Max	0.695	0.697	0.008
	Average	0.692	0.693	0.000
	Min	0.681	0.684	-0.007
	Std Dev	0.003	0.003	0.002

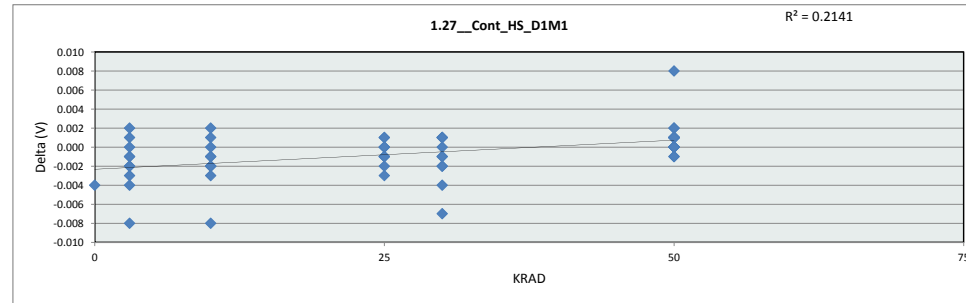


1.26_Cont_HS_MCLK						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.694	0.693	0.692	0.692	0.687	0.684
Average	0.694	0.694	0.694	0.694	0.688	0.692
Max	0.694	0.696	0.696	0.697	0.690	0.695
UL	0.900	0.900	0.900	0.900	0.900	0.900

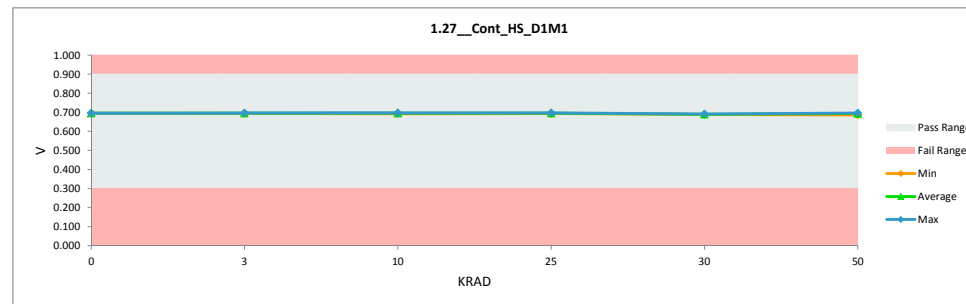


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.27_Cont_HS_D1M1				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.691	0.695	-0.004
3	A142B	0.694	0.696	-0.002
3	A141B	0.695	0.696	-0.001
3	B78B	0.687	0.695	-0.008
3	C1B	0.693	0.696	-0.003
3	C2B	0.695	0.694	0.001
3	A138UB	0.695	0.695	0.000
3	A140UB	0.695	0.696	-0.001
3	B21UB	0.696	0.694	0.002
3	C7UB	0.694	0.696	-0.002
3	C31UB	0.692	0.696	-0.004
10	A135B	0.696	0.697	-0.001
10	A137B	0.694	0.696	-0.002
10	B64B	0.687	0.695	-0.008
10	C29B	0.692	0.695	-0.003
10	C30B	0.693	0.692	0.001
10	A133UB	0.695	0.696	-0.001
10	A132UB	0.695	0.695	0.000
10	B75UB	0.695	0.693	0.002
10	C27UB	0.694	0.696	-0.002
10	C25UB	0.694	0.696	-0.002
25	A131B	0.695	0.697	-0.002
25	A130B	0.696	0.697	-0.001
25	B47B	0.695	0.694	0.001
25	C24B	0.692	0.693	-0.001
25	C9B	0.695	0.694	0.001
25	A129UB	0.693	0.696	-0.003
25	A128UB	0.694	0.694	0.000
25	A118UB	0.695	0.696	-0.001
25	C23UB	0.695	0.695	0.000
25	C22UB	0.695	0.695	0.000
30	333B	0.682	0.689	-0.007
30	334B	0.689	0.691	-0.002
30	335B	0.687	0.689	-0.002
30	336B	0.689	0.690	-0.001
30	337B	0.689	0.690	-0.001
30	322UB	0.685	0.689	-0.004
30	329UB	0.689	0.688	0.001
30	330UB	0.689	0.689	0.000
30	331UB	0.690	0.689	0.001
30	332UB	0.690	0.689	0.001
50	A114B	0.694	0.695	-0.001
50	A115B	0.695	0.694	0.001
50	A116B	0.695	0.695	0.000
50	A120B	0.695	0.695	0.000
50	A121B	0.695	0.695	0.000
50	A123B	0.695	0.696	-0.001
50	A124B	0.695	0.694	0.001
50	A189B	0.695	0.695	0.000
50	A190B	0.694	0.694	0.000
50	B41B	0.696	0.695	0.001
50	B38B	0.694	0.693	0.001
50	C20B	0.693	0.693	0.000
50	C10B	0.694	0.692	0.002
50	C15B	0.694	0.692	0.002
50	C13B	0.694	0.693	0.001
50	C3B	0.696	0.695	0.001
50	C16B	0.695	0.694	0.001
50	C35B	0.694	0.693	0.001
50	C47B	0.693	0.693	0.000
50	C54B	0.694	0.686	0.008
50	C51B	0.693	0.692	0.001
50	C55B	0.695	0.694	0.001
	Max	0.696	0.697	0.008
	Average	0.693	0.694	-0.001
	Min	0.682	0.686	-0.008
	Std Dev	0.003	0.003	0.002

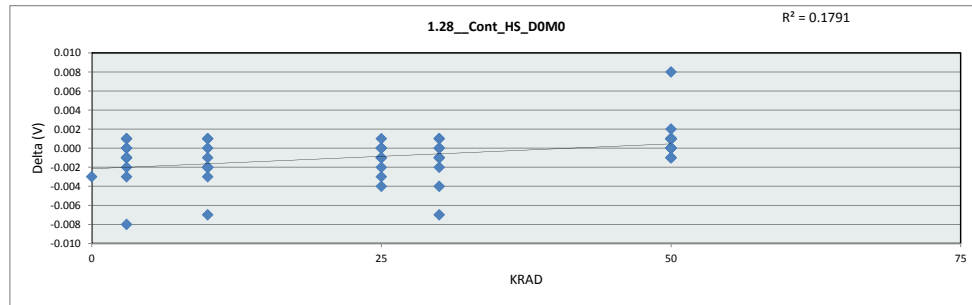


1.27_Cont_HS_D1M1						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.695	0.694	0.692	0.693	0.688	0.686
Average	0.695	0.695	0.695	0.695	0.689	0.694
Max	0.695	0.696	0.697	0.697	0.691	0.696
UL	0.900	0.900	0.900	0.900	0.900	0.900

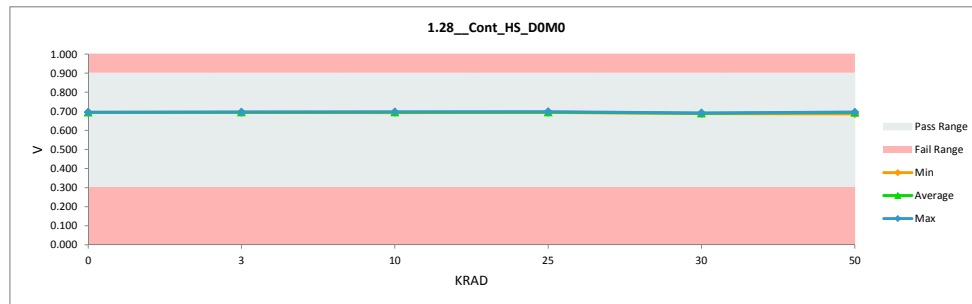


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.28_Cont_HS_DOMO				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.692	0.695	-0.003
3	A142B	0.695	0.696	-0.001
3	A141B	0.696	0.696	0.000
3	B78B	0.687	0.695	-0.008
3	C1B	0.693	0.695	-0.002
3	C2B	0.695	0.694	0.001
3	A138UB	0.695	0.696	-0.001
3	A140UB	0.696	0.696	0.000
3	B21UB	0.695	0.694	0.001
3	C7UB	0.694	0.695	-0.001
3	C31UB	0.693	0.696	-0.003
10	A135B	0.696	0.697	-0.001
10	A137B	0.695	0.697	-0.002
10	B64B	0.688	0.695	-0.007
10	C29B	0.692	0.695	-0.003
10	C30B	0.694	0.693	0.001
10	A133UB	0.695	0.697	-0.002
10	A132UB	0.695	0.695	0.000
10	B75UB	0.695	0.694	0.001
10	C27UB	0.694	0.696	-0.002
10	C25UB	0.694	0.696	-0.002
25	A131B	0.694	0.698	-0.004
25	A130B	0.696	0.696	0.000
25	B47B	0.695	0.694	0.001
25	C24B	0.693	0.694	-0.001
25	C9B	0.694	0.695	-0.001
25	A129UB	0.694	0.697	-0.003
25	A128UB	0.694	0.694	0.000
25	A118UB	0.694	0.696	-0.002
25	C23UB	0.696	0.696	0.000
25	C22UB	0.695	0.696	-0.001
30	333B	0.682	0.689	-0.007
30	334B	0.689	0.691	-0.002
30	335B	0.688	0.689	-0.001
30	336B	0.690	0.691	-0.001
30	337B	0.689	0.690	-0.001
30	322UB	0.686	0.690	-0.004
30	329UB	0.688	0.688	0.000
30	330UB	0.689	0.688	0.001
30	331UB	0.689	0.689	0.000
30	332UB	0.691	0.690	0.001
50	A114B	0.695	0.696	-0.001
50	A115B	0.695	0.694	0.001
50	A116B	0.695	0.695	0.000
50	A120B	0.695	0.695	0.000
50	A121B	0.695	0.696	-0.001
50	A123B	0.695	0.695	0.000
50	A124B	0.695	0.695	0.000
50	A189B	0.696	0.696	0.000
50	A190B	0.694	0.695	-0.001
50	B41B	0.696	0.696	0.000
50	B38B	0.695	0.694	0.001
50	C20B	0.693	0.693	0.000
50	C10B	0.694	0.692	0.002
50	C15B	0.694	0.693	0.001
50	C13B	0.694	0.693	0.001
50	C3B	0.696	0.695	0.001
50	C16B	0.694	0.694	0.000
50	C35B	0.695	0.694	0.001
50	C47B	0.694	0.693	0.001
50	C54B	0.694	0.686	0.008
50	C51B	0.694	0.693	0.001
50	C55B	0.695	0.694	0.001
	Max	0.696	0.698	0.008
	Average	0.693	0.694	-0.001
	Min	0.682	0.686	-0.008
	Std Dev	0.003	0.003	0.002

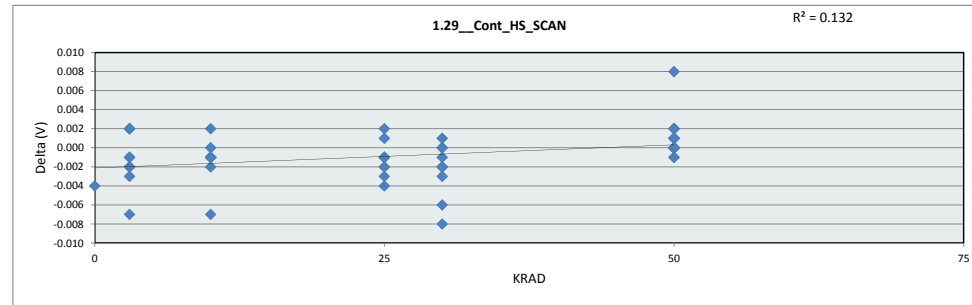


1.28_Cont_HS_DOMO						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.695	0.694	0.693	0.694	0.688	0.686
Average	0.695	0.695	0.696	0.696	0.690	0.694
Max	0.695	0.696	0.697	0.698	0.691	0.696
UL	0.900	0.900	0.900	0.900	0.900	0.900

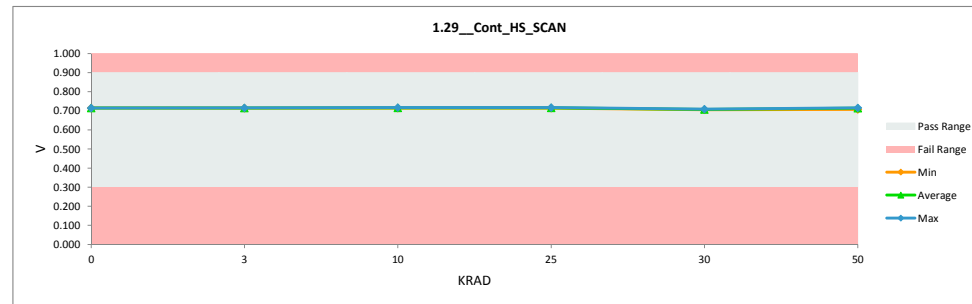


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.29_Cont_HS_SCAN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.711	0.715	-0.004
3	A142B	0.715	0.716	-0.001
3	A141B	0.715	0.716	-0.001
3	B78B	0.707	0.714	-0.007
3	C1B	0.714	0.716	-0.002
3	C2B	0.716	0.714	0.002
3	A138UB	0.714	0.716	-0.002
3	A140UB	0.716	0.714	0.002
3	B21UB	0.716	0.714	0.002
3	C7UB	0.714	0.716	-0.002
3	C31UB	0.713	0.716	-0.003
10	A135B	0.716	0.717	-0.001
10	A137B	0.715	0.716	-0.001
10	B64B	0.707	0.714	-0.007
10	C29B	0.714	0.715	-0.001
10	C30B	0.714	0.714	0.000
10	A133UB	0.716	0.717	-0.001
10	A132UB	0.715	0.717	-0.002
10	B75UB	0.716	0.714	0.002
10	C27UB	0.715	0.716	-0.001
10	C25UB	0.715	0.716	-0.001
25	A131B	0.713	0.717	-0.004
25	A130B	0.715	0.716	-0.001
25	B47B	0.716	0.715	0.001
25	C24B	0.713	0.715	-0.002
25	C9B	0.715	0.716	-0.001
25	A129UB	0.714	0.717	-0.003
25	A128UB	0.713	0.715	-0.002
25	A118UB	0.714	0.715	-0.001
25	C23UB	0.715	0.716	-0.001
25	C22UB	0.716	0.714	0.002
30	333B	0.699	0.707	-0.008
30	334B	0.705	0.708	-0.003
30	335B	0.706	0.708	-0.002
30	336B	0.707	0.709	-0.002
30	337B	0.706	0.708	-0.002
30	322UB	0.701	0.707	-0.006
30	329UB	0.705	0.706	-0.001
30	330UB	0.706	0.706	0.000
30	331UB	0.706	0.706	0.000
30	332UB	0.707	0.706	0.001
50	A114B	0.716	0.716	0.000
50	A115B	0.714	0.714	0.000
50	A116B	0.714	0.714	0.000
50	A120B	0.715	0.715	0.000
50	A121B	0.715	0.716	-0.001
50	A123B	0.715	0.716	-0.001
50	A124B	0.714	0.714	0.000
50	A189B	0.715	0.715	0.000
50	A190B	0.715	0.714	0.001
50	B41B	0.716	0.715	0.001
50	B38B	0.715	0.714	0.001
50	C20B	0.714	0.714	0.000
50	C10B	0.715	0.713	0.002
50	C15B	0.715	0.713	0.002
50	C13B	0.716	0.715	0.001
50	C3B	0.715	0.715	0.000
50	C16B	0.715	0.715	0.000
50	C35B	0.715	0.715	0.000
50	C47B	0.714	0.714	0.000
50	C54B	0.715	0.707	0.008
50	C51B	0.715	0.713	0.002
50	C55B	0.715	0.714	0.001
	Max	0.716	0.717	0.008
	Average	0.713	0.714	-0.001
	Min	0.699	0.706	-0.008
	Std Dev	0.004	0.003	0.002

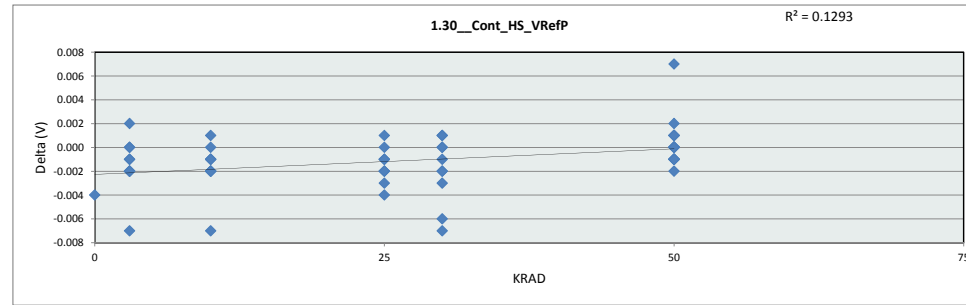


1.29_Cont_HS_SCAN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.715	0.714	0.714	0.714	0.706	0.707
Average	0.715	0.715	0.716	0.716	0.707	0.714
Max	0.715	0.716	0.717	0.717	0.709	0.716
UL	0.900	0.900	0.900	0.900	0.900	0.900

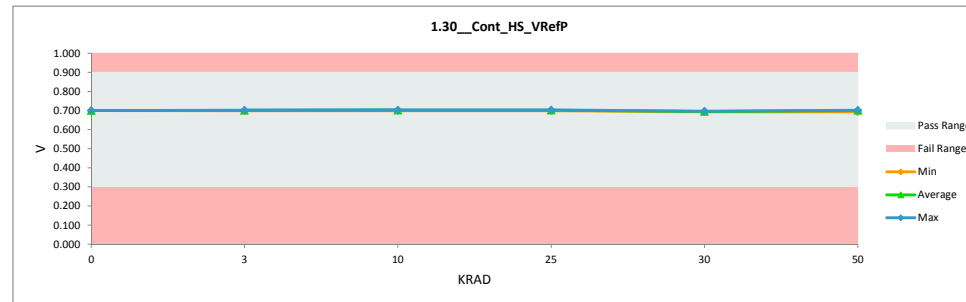


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		1.30_Cont_HS_VRefP		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.696	0.700	-0.004
3	A142B	0.701	0.702	-0.001
3	A141B	0.700	0.701	-0.001
3	B78B	0.692	0.699	-0.007
3	C1B	0.700	0.702	-0.002
3	C2B	0.701	0.701	0.000
3	A138UB	0.699	0.701	-0.002
3	A140UB	0.700	0.700	0.000
3	B21UB	0.702	0.700	0.002
3	C7UB	0.700	0.702	-0.002
3	C31UB	0.699	0.701	-0.002
10	A135B	0.701	0.702	-0.001
10	A137B	0.701	0.703	-0.002
10	B64B	0.692	0.699	-0.007
10	C29B	0.699	0.701	-0.002
10	C30B	0.699	0.700	-0.001
10	A133UB	0.701	0.703	-0.002
10	A132UB	0.700	0.702	-0.002
10	B75UB	0.701	0.700	0.001
10	C27UB	0.701	0.701	0.000
10	C25UB	0.701	0.702	-0.001
25	A131B	0.699	0.703	-0.004
25	A130B	0.700	0.702	-0.002
25	B47B	0.701	0.701	0.000
25	C24B	0.700	0.702	-0.002
25	C9B	0.700	0.702	-0.002
25	A129UB	0.700	0.703	-0.003
25	A128UB	0.699	0.700	-0.001
25	A118UB	0.700	0.701	-0.001
25	C23UB	0.701	0.702	-0.001
25	C22UB	0.700	0.699	0.001
30	333B	0.688	0.695	-0.007
30	334B	0.693	0.696	-0.003
30	335B	0.695	0.697	-0.002
30	336B	0.694	0.696	-0.002
30	337B	0.695	0.696	-0.001
30	322UB	0.689	0.695	-0.006
30	329UB	0.694	0.694	0.000
30	330UB	0.694	0.693	0.001
30	331UB	0.694	0.694	0.000
30	332UB	0.694	0.693	0.001
50	A114B	0.701	0.702	-0.001
50	A115B	0.700	0.700	0.000
50	A116B	0.700	0.700	0.000
50	A120B	0.701	0.701	0.000
50	A121B	0.700	0.702	-0.002
50	A123B	0.701	0.702	-0.001
50	A124B	0.699	0.700	-0.001
50	A189B	0.701	0.702	-0.001
50	A190B	0.701	0.701	0.000
50	B41B	0.702	0.701	0.001
50	B38B	0.700	0.700	0.000
50	C20B	0.699	0.700	-0.001
50	C10B	0.701	0.699	0.002
50	C15B	0.699	0.698	0.001
50	C13B	0.702	0.701	0.001
50	C3B	0.701	0.701	0.000
50	C16B	0.700	0.701	-0.001
50	C35B	0.699	0.700	-0.001
50	C47B	0.701	0.701	0.000
50	C54B	0.700	0.693	0.007
50	C51B	0.700	0.700	0.000
50	C55B	0.701	0.700	0.001
	Max	0.702	0.703	0.007
	Average	0.699	0.700	-0.001
	Min	0.688	0.693	-0.007
	Std Dev	0.003	0.003	0.002

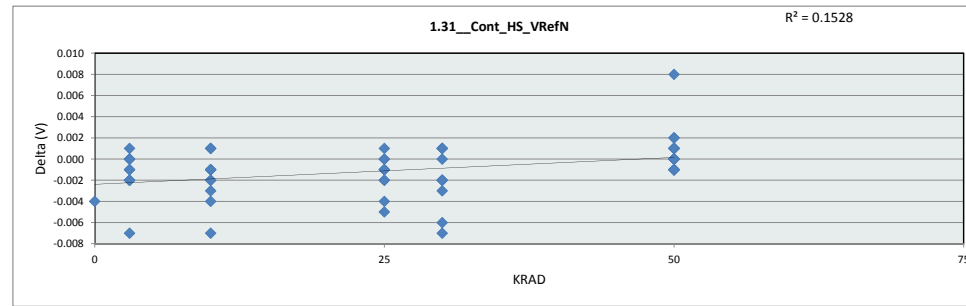


		1.30_Cont_HS_VRefP					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	0.9	V					
Min Limit	0.3	V					
KRAD	0	3	10	25	30	50	
LL	0.300	0.300	0.300	0.300	0.300	0.300	
Min	0.700	0.699	0.699	0.699	0.693	0.693	
Average	0.700	0.701	0.701	0.702	0.695	0.700	
Max	0.700	0.702	0.703	0.703	0.697	0.702	
UL	0.900	0.900	0.900	0.900	0.900	0.900	

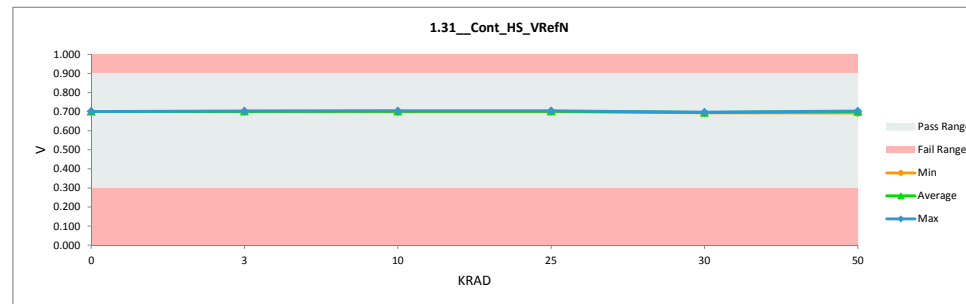


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.31_Cont_HS_VRefN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.697	0.701	-0.004
3	A142B	0.702	0.703	-0.001
3	A141B	0.701	0.702	-0.001
3	B78B	0.693	0.700	-0.007
3	C1B	0.701	0.701	0.000
3	C2B	0.701	0.701	0.000
3	A138UB	0.700	0.702	-0.002
3	A140UB	0.701	0.701	0.000
3	B21UB	0.703	0.702	0.001
3	C7UB	0.701	0.703	-0.002
3	C31UB	0.700	0.702	-0.002
10	A135B	0.702	0.703	-0.001
10	A137B	0.702	0.704	-0.002
10	B64B	0.693	0.700	-0.007
10	C29B	0.698	0.702	-0.004
10	C30B	0.700	0.699	0.001
10	A133UB	0.703	0.704	-0.001
10	A132UB	0.701	0.704	-0.003
10	B75UB	0.701	0.700	0.001
10	C27UB	0.701	0.702	-0.001
10	C25UB	0.702	0.704	-0.002
25	A131B	0.699	0.704	-0.005
25	A130B	0.702	0.702	0.000
25	B47B	0.702	0.702	0.000
25	C24B	0.701	0.703	-0.002
25	C9B	0.701	0.702	-0.001
25	A129UB	0.700	0.704	-0.004
25	A128UB	0.699	0.701	-0.002
25	A118UB	0.701	0.702	-0.001
25	C23UB	0.702	0.703	-0.001
25	C22UB	0.701	0.700	0.001
30	333B	0.689	0.696	-0.007
30	334B	0.693	0.696	-0.003
30	335B	0.695	0.697	-0.002
30	336B	0.695	0.697	-0.002
30	337B	0.695	0.697	-0.002
30	322UB	0.690	0.696	-0.006
30	329UB	0.695	0.694	0.001
30	330UB	0.694	0.694	0.000
30	331UB	0.695	0.694	0.001
30	332UB	0.695	0.694	0.001
50	A114B	0.702	0.703	-0.001
50	A115B	0.700	0.701	-0.001
50	A116B	0.700	0.700	0.000
50	A120B	0.702	0.701	0.001
50	A121B	0.702	0.702	0.000
50	A123B	0.701	0.702	-0.001
50	A124B	0.700	0.701	-0.001
50	A189B	0.702	0.703	-0.001
50	A190B	0.702	0.702	0.000
50	B41B	0.702	0.702	0.000
50	B38B	0.701	0.701	0.000
50	C20B	0.699	0.700	-0.001
50	C10B	0.702	0.700	0.002
50	C15B	0.700	0.699	0.001
50	C13B	0.703	0.702	0.001
50	C3B	0.703	0.702	0.001
50	C16B	0.701	0.701	0.000
50	C35B	0.700	0.700	0.000
50	C47B	0.701	0.701	0.000
50	C54B	0.701	0.693	0.008
50	C51B	0.701	0.700	0.001
50	C55B	0.703	0.701	0.002
	Max	0.703	0.704	0.008
	Average	0.700	0.701	-0.001
	Min	0.689	0.693	-0.007
	Std Dev	0.003	0.003	0.002

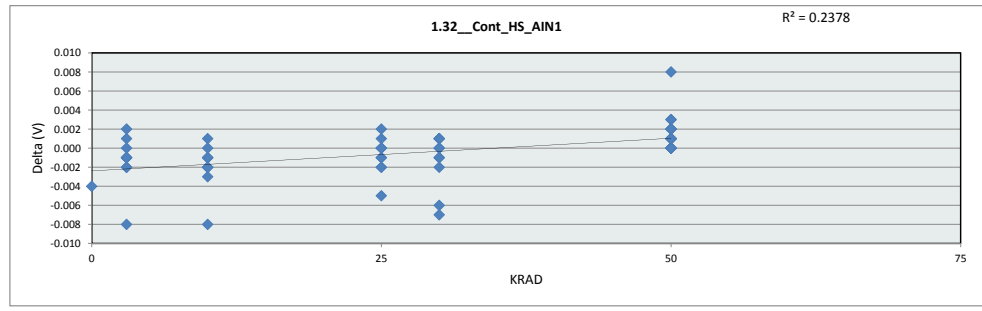


1.31_Cont_HS_VRefN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.701	0.700	0.699	0.700	0.694	0.693
Average	0.701	0.702	0.702	0.702	0.696	0.701
Max	0.701	0.703	0.704	0.704	0.697	0.703
UL	0.900	0.900	0.900	0.900	0.900	0.900

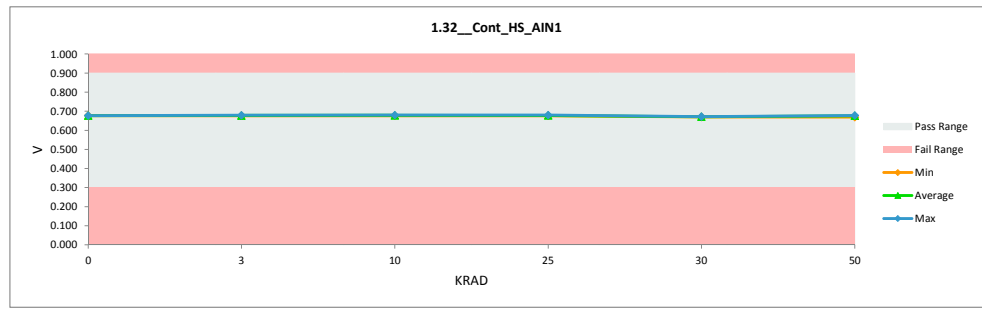


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.32_Cont_HS_AIN1				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.673	0.677	-0.004
3	A142B	0.678	0.679	-0.001
3	A141B	0.677	0.678	-0.001
3	B78B	0.668	0.676	-0.008
3	C1B	0.677	0.678	-0.001
3	C2B	0.677	0.677	0.000
3	A138UB	0.676	0.678	-0.002
3	A140UB	0.678	0.676	0.002
3	B21UB	0.678	0.677	0.001
3	C7UB	0.677	0.678	-0.001
3	C31UB	0.676	0.678	-0.002
10	A135B	0.678	0.679	-0.001
10	A137B	0.677	0.679	-0.002
10	B64B	0.668	0.676	-0.008
10	C29B	0.676	0.678	-0.002
10	C30B	0.676	0.677	-0.001
10	A133UB	0.678	0.680	-0.002
10	A132UB	0.677	0.680	-0.003
10	B75UB	0.678	0.677	0.001
10	C27UB	0.678	0.678	0.000
10	C25UB	0.678	0.679	-0.001
25	A131B	0.675	0.680	-0.005
25	A130B	0.678	0.678	0.000
25	B47B	0.677	0.676	0.001
25	C24B	0.677	0.677	0.000
25	C9B	0.678	0.678	0.000
25	A129UB	0.677	0.679	-0.002
25	A128UB	0.675	0.677	-0.002
25	A118UB	0.677	0.678	-0.001
25	C23UB	0.678	0.679	-0.001
25	C22UB	0.678	0.676	0.002
30	333B	0.664	0.671	-0.007
30	334B	0.670	0.671	-0.001
30	335B	0.670	0.672	-0.002
30	336B	0.671	0.672	-0.001
30	337B	0.671	0.671	0.000
30	322UB	0.666	0.672	-0.006
30	329UB	0.671	0.670	0.001
30	330UB	0.670	0.670	0.000
30	331UB	0.671	0.670	0.001
30	332UB	0.671	0.670	0.001
50	A114B	0.678	0.678	0.000
50	A115B	0.677	0.676	0.001
50	A116B	0.676	0.676	0.000
50	A120B	0.677	0.677	0.000
50	A121B	0.678	0.678	0.000
50	A123B	0.678	0.678	0.000
50	A124B	0.676	0.675	0.001
50	A189B	0.677	0.677	0.000
50	A190B	0.678	0.678	0.000
50	B41B	0.677	0.676	0.001
50	B38B	0.678	0.676	0.002
50	C20B	0.676	0.676	0.000
50	C10B	0.678	0.675	0.003
50	C15B	0.677	0.675	0.002
50	C13B	0.679	0.677	0.002
50	C3B	0.679	0.677	0.002
50	C16B	0.678	0.677	0.001
50	C35B	0.677	0.675	0.002
50	C47B	0.677	0.676	0.001
50	C54B	0.677	0.669	0.008
50	C51B	0.677	0.676	0.001
50	C55B	0.679	0.676	0.003
	Max	0.679	0.680	0.008
	Average	0.676	0.676	0.000
	Min	0.664	0.669	-0.008
	Std Dev	0.003	0.003	0.003

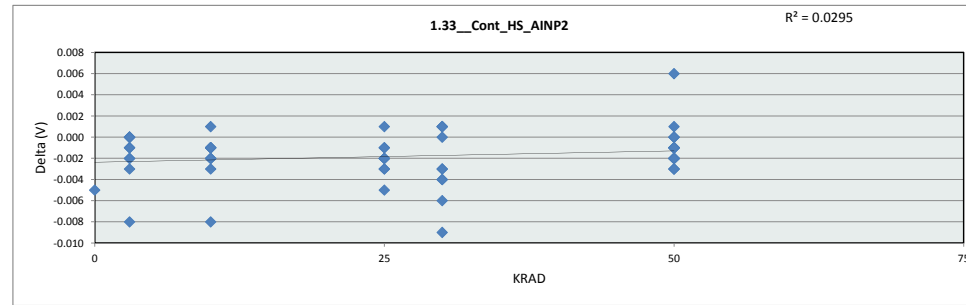


1.32_Cont_HS_AIN1						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.677	0.676	0.676	0.676	0.670	0.669
Average	0.677	0.678	0.678	0.678	0.671	0.676
Max	0.677	0.679	0.680	0.680	0.672	0.678
UL	0.900	0.900	0.900	0.900	0.900	0.900

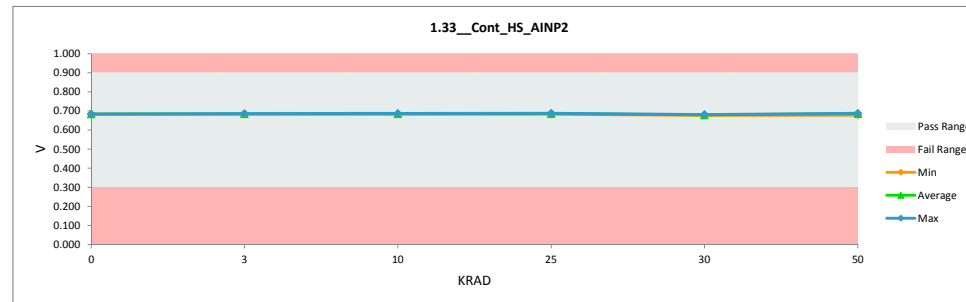


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.33_Cont_HS_AINP2				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.679	0.684	-0.005
3	A142B	0.685	0.686	-0.001
3	A141B	0.684	0.685	-0.001
3	B78B	0.675	0.683	-0.008
3	C1B	0.683	0.685	-0.002
3	C2B	0.684	0.684	0.000
3	A138UB	0.683	0.685	-0.002
3	A140UB	0.684	0.684	0.000
3	B21UB	0.684	0.684	0.000
3	C7UB	0.684	0.684	0.000
3	C31UB	0.682	0.685	-0.003
10	A135B	0.685	0.686	-0.001
10	A137B	0.684	0.686	-0.002
10	B64B	0.675	0.683	-0.008
10	C29B	0.683	0.684	-0.001
10	C30B	0.683	0.684	-0.001
10	A133UB	0.685	0.687	-0.002
10	A132UB	0.683	0.686	-0.003
10	B75UB	0.685	0.684	0.001
10	C27UB	0.684	0.685	-0.001
10	C25UB	0.684	0.686	-0.002
25	A131B	0.682	0.687	-0.005
25	A130B	0.685	0.687	-0.002
25	B47B	0.684	0.686	-0.002
25	C24B	0.683	0.686	-0.003
25	C9B	0.685	0.688	-0.003
25	A129UB	0.684	0.686	-0.002
25	A128UB	0.682	0.684	-0.002
25	A118UB	0.684	0.685	-0.001
25	C23UB	0.685	0.686	-0.001
25	C22UB	0.684	0.683	0.001
30	333B	0.671	0.680	-0.009
30	334B	0.677	0.681	-0.004
30	335B	0.677	0.681	-0.004
30	336B	0.678	0.681	-0.003
30	337B	0.678	0.681	-0.003
30	322UB	0.673	0.679	-0.006
30	329UB	0.678	0.677	0.001
30	330UB	0.678	0.677	0.001
30	331UB	0.678	0.678	0.000
30	332UB	0.678	0.677	0.001
50	A114B	0.685	0.687	-0.002
50	A115B	0.684	0.686	-0.002
50	A116B	0.683	0.685	-0.002
50	A120B	0.685	0.686	-0.001
50	A121B	0.684	0.687	-0.003
50	A123B	0.685	0.688	-0.003
50	A124B	0.683	0.685	-0.002
50	A189B	0.684	0.687	-0.003
50	A190B	0.685	0.687	-0.002
50	B41B	0.684	0.685	-0.001
50	B38B	0.684	0.685	-0.001
50	C20B	0.683	0.685	-0.002
50	C10B	0.685	0.684	0.001
50	C15B	0.684	0.684	0.000
50	C13B	0.686	0.686	0.000
50	C3B	0.685	0.685	0.000
50	C16B	0.685	0.686	-0.001
50	C35B	0.684	0.685	-0.001
50	C47B	0.684	0.686	-0.002
50	C54B	0.684	0.678	0.006
50	C51B	0.684	0.685	-0.001
50	C55B	0.685	0.686	-0.001
	Max	0.686	0.688	0.006
	Average	0.682	0.684	-0.002
	Min	0.671	0.677	-0.009
	Std Dev	0.003	0.003	0.002

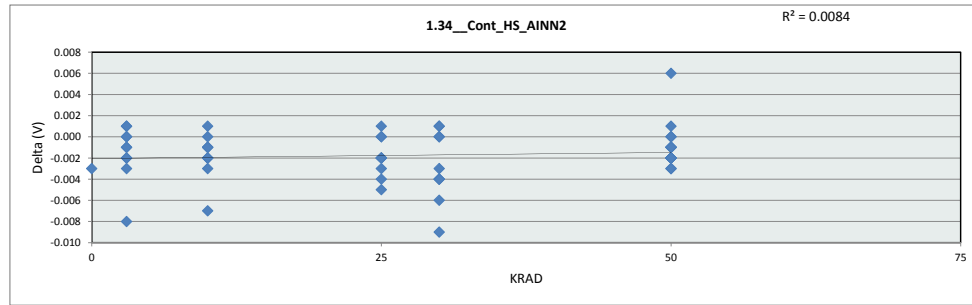


1.33_Cont_HS_AINP2						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.684	0.683	0.683	0.683	0.677	0.678
Average	0.684	0.685	0.685	0.686	0.679	0.685
Max	0.684	0.686	0.687	0.688	0.681	0.688
UL	0.900	0.900	0.900	0.900	0.900	0.900

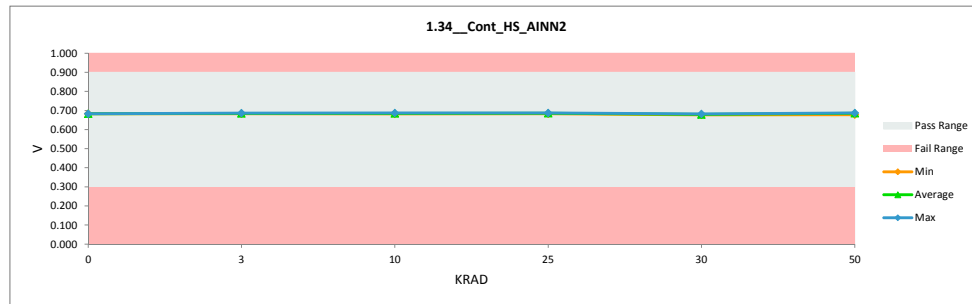


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

1.34_Cont_HS_AINN2				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.680	0.683	-0.003
3	A142B	0.685	0.686	-0.001
3	A141B	0.684	0.685	-0.001
3	B78B	0.675	0.683	-0.008
3	C1B	0.683	0.685	-0.002
3	C2B	0.684	0.683	0.001
3	A138UB	0.683	0.685	-0.002
3	A140UB	0.684	0.684	0.000
3	B21UB	0.685	0.684	0.001
3	C7UB	0.684	0.684	0.000
3	C31UB	0.682	0.685	-0.003
10	A135B	0.685	0.686	-0.001
10	A137B	0.684	0.686	-0.002
10	B64B	0.675	0.682	-0.007
10	C29B	0.682	0.684	-0.002
10	C30B	0.683	0.683	0.000
10	A133UB	0.685	0.687	-0.002
10	A132UB	0.683	0.686	-0.003
10	B75UB	0.685	0.684	0.001
10	C27UB	0.684	0.685	-0.001
10	C25UB	0.685	0.686	-0.001
25	A131B	0.682	0.687	-0.005
25	A130B	0.685	0.687	-0.002
25	B47B	0.683	0.683	0.000
25	C24B	0.683	0.687	-0.004
25	C9B	0.684	0.687	-0.003
25	A129UB	0.684	0.686	-0.002
25	A128UB	0.682	0.684	-0.002
25	A118UB	0.684	0.684	0.000
25	C23UB	0.684	0.686	-0.002
25	C22UB	0.684	0.683	0.001
30	333B	0.671	0.680	-0.009
30	334B	0.677	0.681	-0.004
30	335B	0.677	0.681	-0.004
30	336B	0.678	0.682	-0.004
30	337B	0.678	0.681	-0.003
30	322UB	0.673	0.679	-0.006
30	329UB	0.677	0.677	0.000
30	330UB	0.677	0.677	0.000
30	331UB	0.678	0.677	0.001
30	332UB	0.678	0.677	0.001
50	A114B	0.685	0.687	-0.002
50	A115B	0.683	0.685	-0.002
50	A116B	0.683	0.685	-0.002
50	A120B	0.684	0.686	-0.002
50	A121B	0.685	0.687	-0.002
50	A123B	0.685	0.687	-0.002
50	A124B	0.683	0.685	-0.002
50	A189B	0.684	0.687	-0.003
50	A190B	0.685	0.687	-0.002
50	B41B	0.684	0.685	-0.001
50	B38B	0.684	0.686	-0.002
50	C20B	0.683	0.686	-0.003
50	C10B	0.685	0.684	0.001
50	C15B	0.684	0.684	0.000
50	C13B	0.685	0.686	-0.001
50	C3B	0.685	0.686	-0.001
50	C16B	0.684	0.686	-0.002
50	C35B	0.684	0.685	-0.001
50	C47B	0.684	0.686	-0.002
50	C54B	0.684	0.678	0.006
50	C51B	0.684	0.685	-0.001
50	C55B	0.685	0.685	0.000
	Max	0.685	0.687	0.006
	Average	0.682	0.684	-0.002
	Min	0.671	0.677	-0.009
	Std Dev	0.003	0.003	0.002

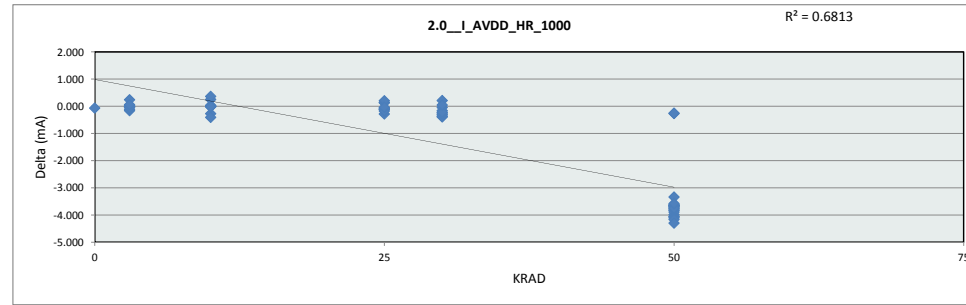


1.34_Cont_HS_AINN2						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.683	0.683	0.682	0.683	0.677	0.678
Average	0.683	0.684	0.685	0.685	0.679	0.685
Max	0.683	0.686	0.687	0.687	0.682	0.687
UL	0.900	0.900	0.900	0.900	0.900	0.900

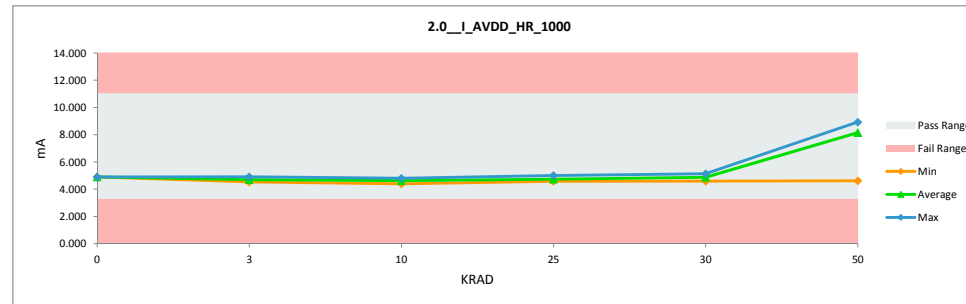


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

2.0_I_AVDD_HR_1000				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	11	11		
Min Limit	3.3	3.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	4.827	4.893	-0.066
3	A142B	4.526	4.531	-0.005
3	A141B	4.614	4.614	0.000
3	B78B	4.571	4.558	0.013
3	C1B	4.702	4.683	0.019
3	C2B	4.677	4.705	-0.028
3	A138UB	4.908	4.666	0.242
3	A140UB	4.749	4.906	-0.157
3	B21UB	4.698	4.816	-0.118
3	C7UB	4.661	4.709	-0.048
3	C31UB	4.821	4.764	0.057
10	A135B	4.640	4.621	0.019
10	A137B	4.775	4.788	-0.013
10	B64B	4.419	4.419	0.000
10	C29B	4.527	4.799	-0.272
10	C30B	4.786	4.533	0.253
10	A133UB	4.378	4.784	-0.406
10	A132UB	4.750	4.389	0.361
10	B75UB	4.789	4.788	0.001
10	C27UB	4.777	4.745	0.032
10	C25UB	4.376	4.395	-0.019
25	A131B	4.761	4.622	0.139
25	A130B	4.537	4.823	-0.286
25	B47B	4.937	5.004	-0.067
25	C24B	4.599	4.703	-0.104
25	C9B	4.726	4.829	-0.103
25	A129UB	4.729	4.602	0.127
25	A128UB	4.582	4.694	-0.112
25	A118UB	4.785	4.582	0.203
25	C23UB	4.580	4.753	-0.173
25	C22UB	4.655	4.690	-0.035
30	333B	4.777	5.094	-0.317
30	334B	4.736	5.127	-0.391
30	335B	4.522	4.900	-0.378
30	336B	4.756	5.000	-0.244
30	337B	4.735	5.026	-0.291
30	322UB	4.665	4.706	-0.041
30	329UB	4.684	4.841	-0.157
30	330UB	4.805	4.593	0.212
30	331UB	4.530	4.749	-0.219
30	332UB	4.703	4.654	0.049
50	A114B	4.347	4.615	-0.268
50	A115B	4.762	8.743	-3.981
50	A116B	4.839	8.470	-3.631
50	A120B	4.801	8.611	-3.810
50	A121B	4.517	8.186	-3.669
50	A123B	4.473	8.097	-3.624
50	A124B	4.957	8.643	-3.686
50	A189B	4.714	8.357	-3.643
50	A190B	4.729	8.389	-3.660
50	B41B	4.623	8.680	-4.057
50	B38B	4.925	8.755	-3.830
50	C20B	4.706	8.593	-3.887
50	C10B	4.428	8.482	-4.054
50	C15B	4.640	8.740	-4.100
50	C13B	4.477	8.250	-3.773
50	C3B	4.559	4.815	-0.256
50	C16B	4.726	8.885	-4.159
50	C35B	4.716	8.432	-3.716
50	C47B	4.636	8.383	-3.747
50	C54B	4.630	8.925	-4.295
50	C51B	4.671	8.005	-3.334
50	C55B	4.618	8.192	-3.574
	Max	4.957	8.925	0.361
	Average	4.671	5.926	-1.255
	Min	4.347	4.389	-4.295
	Std Dev	0.138	1.775	1.769

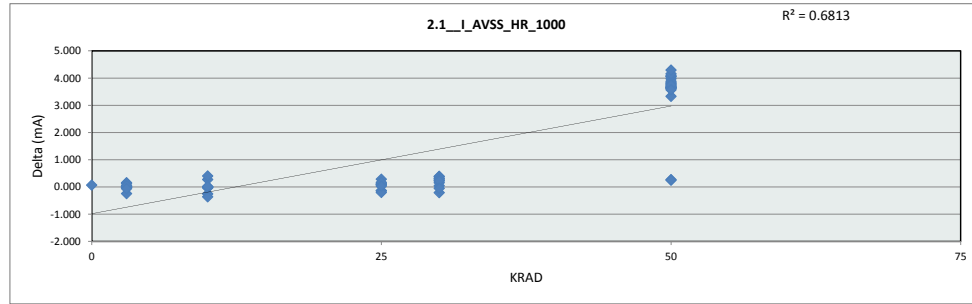


2.0_I_AVDD_HR_1000						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	11	mA				
Min Limit	3.3	mA				
KRAD	0	3	10	25	30	50
LL	3.300	3.300	3.300	3.300	3.300	3.300
Min	4.893	4.531	4.389	4.582	4.593	4.615
Average	4.893	4.695	4.626	4.730	4.869	8.148
Max	4.893	4.906	4.799	5.004	5.127	8.925
UL	11.000	11.000	11.000	11.000	11.000	11.000

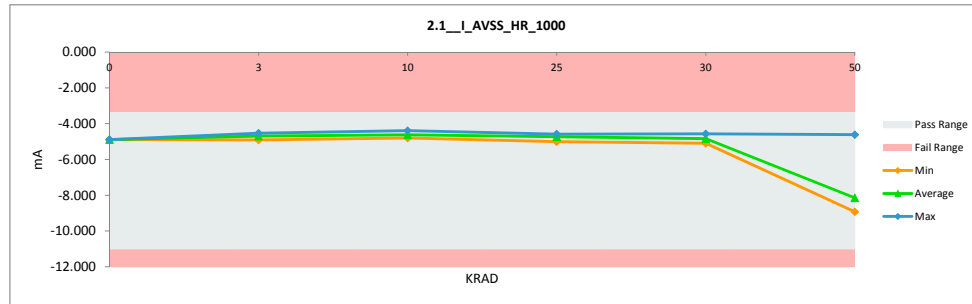


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

2.1_I_AVSS_HR_1000				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	-3.3	-3.3		
Min Limit	-11	-11		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-4.827	-4.894	0.067
3	A142B	-4.527	-4.532	0.005
3	A141B	-4.616	-4.616	0.000
3	B78B	-4.573	-4.558	-0.015
3	C1B	-4.704	-4.685	-0.019
3	C2B	-4.680	-4.706	0.026
3	A138UB	-4.910	-4.667	-0.243
3	A140UB	-4.750	-4.908	0.158
3	B21UB	-4.699	-4.818	0.119
3	C7UB	-4.663	-4.708	0.045
3	C31UB	-4.824	-4.765	-0.059
10	A135B	-4.644	-4.622	-0.022
10	A137B	-4.777	-4.788	0.011
10	B64B	-4.420	-4.419	-0.001
10	C29B	-4.528	-4.800	0.272
10	C30B	-4.787	-4.533	-0.254
10	A133UB	-4.380	-4.784	0.404
10	A132UB	-4.752	-4.389	-0.363
10	B75UB	-4.791	-4.789	-0.002
10	C27UB	-4.779	-4.746	-0.033
10	C25UB	-4.378	-4.395	0.017
25	A131B	-4.763	-4.622	-0.141
25	A130B	-4.539	-4.824	0.285
25	B47B	-4.939	-5.006	0.067
25	C24B	-4.600	-4.704	0.104
25	C9B	-4.728	-4.830	0.102
25	A129UB	-4.732	-4.602	-0.130
25	A128UB	-4.584	-4.693	0.109
25	A118UB	-4.787	-4.583	-0.204
25	C23UB	-4.583	-4.753	0.170
25	C22UB	-4.656	-4.691	0.035
30	333B	-4.750	-5.065	0.315
30	334B	-4.706	-5.098	0.392
30	335B	-4.495	-4.870	0.375
30	336B	-4.730	-4.972	0.242
30	337B	-4.709	-4.998	0.289
30	322UB	-4.637	-4.679	0.042
30	329UB	-4.657	-4.815	0.158
30	330UB	-4.778	-4.568	-0.210
30	331UB	-4.503	-4.724	0.221
30	332UB	-4.677	-4.628	-0.049
50	A114B	-4.348	-4.616	0.268
50	A115B	-4.765	-8.742	3.977
50	A116B	-4.842	-8.470	3.628
50	A120B	-4.804	-8.611	3.807
50	A121B	-4.520	-8.186	3.666
50	A123B	-4.476	-8.097	3.621
50	A124B	-4.961	-8.641	3.680
50	A189B	-4.715	-8.356	3.641
50	A190B	-4.730	-8.388	3.658
50	B41B	-4.625	-8.678	4.053
50	B38B	-4.927	-8.755	3.828
50	C20B	-4.709	-8.593	3.884
50	C10B	-4.431	-8.481	4.050
50	C15B	-4.641	-8.740	4.099
50	C13B	-4.478	-8.249	3.771
50	C3B	-4.562	-4.815	0.253
50	C16B	-4.728	-8.884	4.156
50	C35B	-4.718	-8.430	3.712
50	C47B	-4.638	-8.382	3.744
50	C54B	-4.632	-8.924	4.292
50	C51B	-4.674	-8.005	3.331
50	C55B	-4.621	-8.191	3.570
	Max	-4.348	-4.389	4.292
	Average	-4.668	-5.922	1.254
	Min	-4.961	-8.924	-0.363
	Std Dev	0.138	1.777	1.768

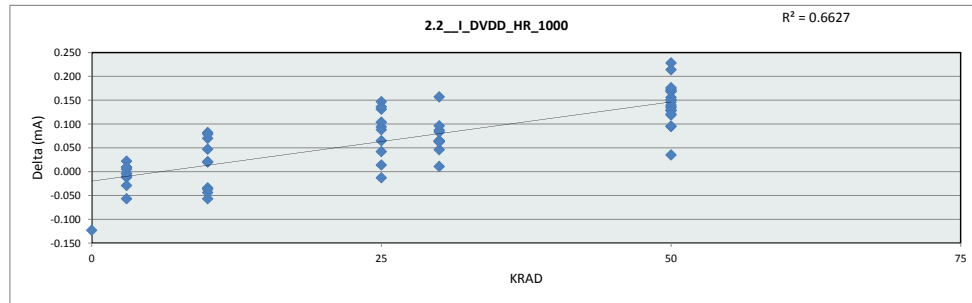


2.1_I_AVSS_HR_1000						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	-3.3	mA				
Min Limit	-11	mA				
KRAD	0	3	10	25	30	50
LL	-11.000	-11.000	-11.000	-11.000	-11.000	-11.000
Min	-4.894	-4.908	-4.800	-5.006	-5.098	-8.924
Average	-4.894	-4.696	-4.627	-4.731	-4.842	-8.147
Max	-4.894	-4.532	-4.389	-4.583	-4.568	-4.616
UL	-3.300	-3.300	-3.300	-3.300	-3.300	-3.300

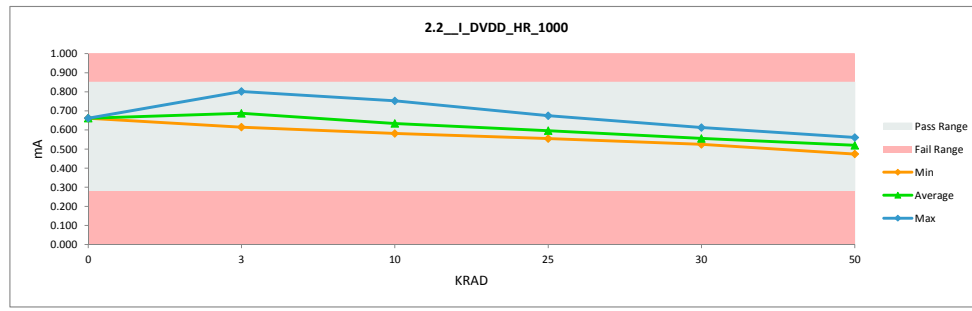


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

2.2_I_DVDD_HR_1000				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	0.765	0.85		
Min Limit	0.28	0.28		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.539	0.662	-0.123
3	A142B	0.611	0.615	-0.004
3	A141B	0.707	0.698	0.009
3	B78B	0.745	0.802	-0.057
3	C1B	0.676	0.671	0.005
3	C2B	0.670	0.674	-0.004
3	A138UB	0.690	0.702	-0.012
3	A140UB	0.665	0.694	-0.029
3	B21UB	0.668	0.678	-0.010
3	C7UB	0.702	0.680	0.022
3	C31UB	0.668	0.659	0.009
10	A135B	0.654	0.633	0.021
10	A137B	0.614	0.594	0.020
10	B64B	0.719	0.753	-0.034
10	C29B	0.664	0.582	0.082
10	C30B	0.598	0.642	-0.044
10	A133UB	0.679	0.609	0.070
10	A132UB	0.667	0.588	0.079
10	B75UB	0.683	0.636	0.047
10	C27UB	0.609	0.646	-0.037
10	C25UB	0.601	0.658	-0.057
25	A131B	0.723	0.592	0.131
25	A130B	0.662	0.675	-0.013
25	B47B	0.716	0.622	0.094
25	C24B	0.662	0.574	0.088
25	C9B	0.707	0.560	0.147
25	A129UB	0.632	0.590	0.042
25	A128UB	0.691	0.555	0.136
25	A118UB	0.673	0.608	0.065
25	C23UB	0.665	0.561	0.104
25	C22UB	0.642	0.628	0.014
30	333B	0.537	0.526	0.011
30	334B	0.700	0.613	0.087
30	335B	0.604	0.558	0.046
30	336B	0.590	0.525	0.065
30	337B	0.608	0.543	0.065
30	322UB	0.630	0.567	0.063
30	329UB	0.651	0.555	0.096
30	330UB	0.659	0.576	0.083
30	331UB	0.686	0.529	0.157
30	332UB	0.631	0.568	0.063
50	A114B	0.650	0.511	0.139
50	A115B	0.695	0.527	0.168
50	A116B	0.689	0.520	0.169
50	A120B	0.671	0.520	0.151
50	A121B	0.647	0.518	0.129
50	A123B	0.642	0.507	0.135
50	A124B	0.703	0.530	0.173
50	A189B	0.670	0.499	0.171
50	A190B	0.627	0.498	0.129
50	B41B	0.740	0.512	0.228
50	B38B	0.740	0.526	0.214
50	C20B	0.651	0.495	0.156
50	C10B	0.632	0.537	0.095
50	C15B	0.684	0.533	0.151
50	C13B	0.593	0.474	0.119
50	C3B	0.665	0.530	0.135
50	C16B	0.707	0.561	0.146
50	C35B	0.700	0.524	0.176
50	C47B	0.655	0.527	0.128
50	C54B	0.573	0.538	0.035
50	C51B	0.609	0.514	0.095
50	C55B	0.657	0.536	0.121
Max		0.745	0.802	0.228
Average		0.659	0.585	0.074
Min		0.537	0.474	-0.123
Std Dev		0.045	0.070	0.075



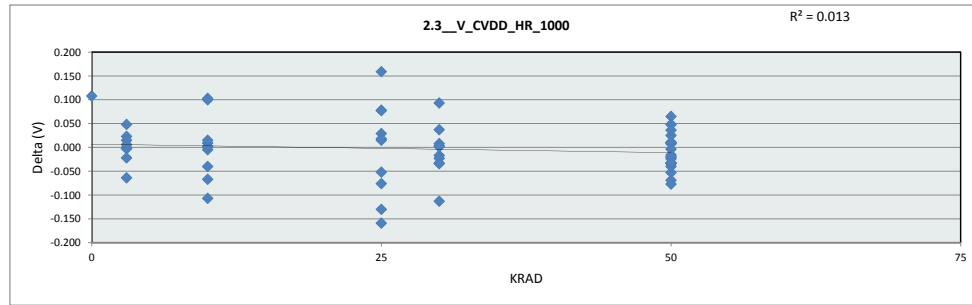
2.2_I_DVDD_HR_1000						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.85	mA				
Min Limit	0.28	mA				
KRAD	0	3	10	25	30	50
LL	0.280	0.280	0.280	0.280	0.280	0.280
Min	0.662	0.615	0.582	0.555	0.525	0.474
Average	0.662	0.687	0.634	0.597	0.556	0.520
Max	0.662	0.802	0.753	0.675	0.613	0.561
UL	0.850	0.850	0.850	0.850	0.850	0.850



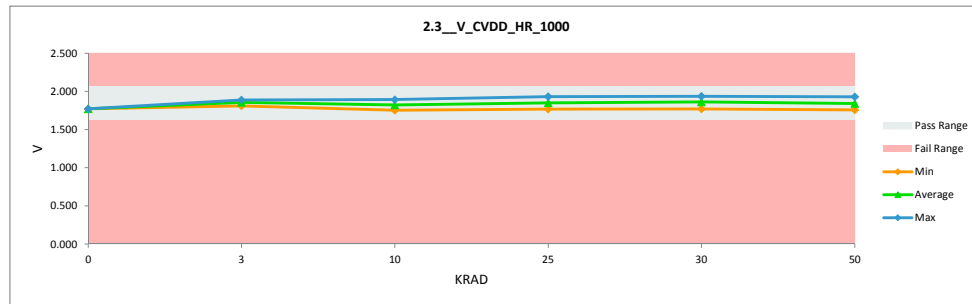
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

2.3_V_CVDD_HR_1000		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	V	V
Max Limit	2.062	2.062
Min Limit	1.623	1.623

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	1.879	1.771	0.108
3	A142B	1.809	1.810	-0.001
3	A141B	1.835	1.837	-0.002
3	B78B	1.875	1.876	-0.001
3	C1B	1.878	1.855	0.023
3	C2B	1.854	1.876	-0.022
3	A138UB	1.831	1.816	0.015
3	A140UB	1.881	1.833	0.048
3	B21UB	1.884	1.887	-0.003
3	C7UB	1.819	1.883	-0.064
3	C31UB	1.887	1.881	0.006
10	A135B	1.790	1.795	-0.005
10	A137B	1.807	1.806	0.001
10	B64B	1.902	1.893	0.009
10	C29B	1.855	1.752	0.103
10	C30B	1.747	1.854	-0.107
10	A133UB	1.892	1.792	0.100
10	A132UB	1.785	1.825	-0.040
10	B75UB	1.828	1.827	0.001
10	C27UB	1.800	1.785	0.015
10	C25UB	1.821	1.888	-0.067
25	A131B	1.927	1.768	0.159
25	A130B	1.773	1.932	-0.159
25	B47B	1.848	1.833	0.015
25	C24B	1.879	1.850	0.029
25	C9B	1.872	1.794	0.078
25	A129UB	1.875	1.798	0.077
25	A128UB	1.880	1.862	0.018
25	A118UB	1.762	1.892	-0.130
25	C23UB	1.781	1.857	-0.076
25	C22UB	1.865	1.917	-0.052
30	333B	1.842	1.834	0.008
30	334B	1.904	1.921	-0.017
30	335B	1.902	1.935	-0.033
30	336B	1.821	1.818	0.003
30	337B	1.874	1.873	0.001
30	322UB	1.799	1.912	-0.113
30	329UB	1.902	1.865	0.037
30	330UB	1.847	1.870	-0.023
30	331UB	1.863	1.770	0.093
30	332UB	1.781	1.815	-0.034
50	A114B	1.820	1.812	0.008
50	A115B	1.855	1.790	0.065
50	A116B	1.823	1.813	0.010
50	A120B	1.875	1.827	0.048
50	A121B	1.794	1.828	-0.034
50	A123B	1.816	1.850	-0.034
50	A124B	1.878	1.870	0.008
50	A189B	1.837	1.789	0.048
50	A190B	1.841	1.857	-0.016
50	B41B	1.850	1.825	0.025
50	B38B	1.898	1.887	0.011
50	C20B	1.736	1.757	-0.021
50	C10B	1.804	1.873	-0.069
50	C15B	1.876	1.929	-0.053
50	C13B	1.793	1.757	0.036
50	C3B	1.865	1.869	-0.004
50	C16B	1.872	1.912	-0.040
50	C35B	1.829	1.861	-0.032
50	C47B	1.813	1.837	-0.024
50	C54B	1.802	1.821	-0.019
50	C51B	1.853	1.886	-0.033
50	C55B	1.794	1.871	-0.077
	Max	1.927	1.935	0.159
	Average	1.841	1.844	-0.003
	Min	1.736	1.752	-0.159
	Std Dev	0.043	0.047	0.057



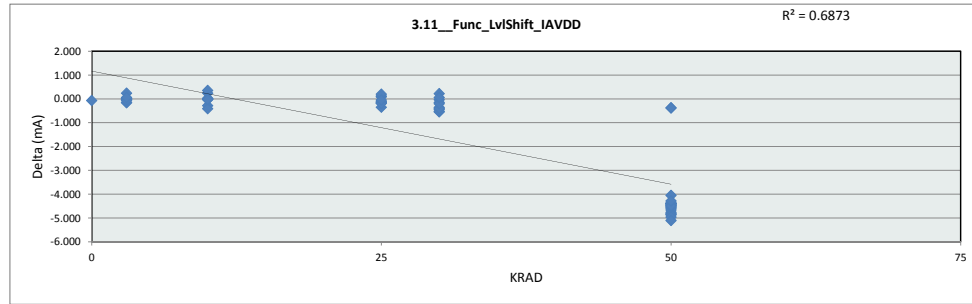
2.3_V_CVDD_HR_1000							
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	V						
Min Limit	V						
	KRAD	0	3	10	25	30	50
LL		1.623	1.623	1.623	1.623	1.623	1.623
Min		1.771	1.810	1.752	1.768	1.770	1.757
Average		1.771	1.855	1.822	1.850	1.861	1.842
Max		1.771	1.887	1.893	1.932	1.935	1.929
UL		2.062	2.062	2.062	2.062	2.062	2.062



ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

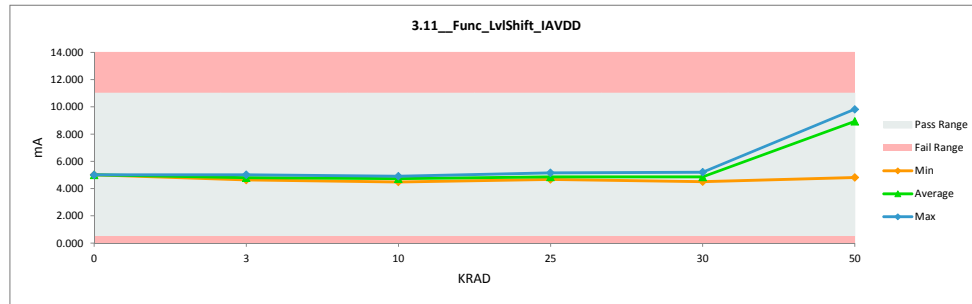
3.11_Func_LvShift_IAVDD		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	mA	mA
Max Limit	11	11
Min Limit	0.5	0.5

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	4.939	5.007	-0.068
3	A142B	4.616	4.629	-0.013
3	A141B	4.706	4.712	-0.006
3	B78B	4.650	4.648	0.002
3	C1B	4.799	4.785	0.014
3	C2B	4.768	4.808	-0.040
3	A138UB	5.005	4.769	0.236
3	A140UB	4.842	5.009	-0.167
3	B21UB	4.783	4.927	-0.144
3	C7UB	4.750	4.804	-0.054
3	C31UB	4.921	4.866	0.055
10	A135B	4.729	4.718	0.011
10	A137B	4.864	4.887	-0.023
10	B64B	4.501	4.507	-0.006
10	C29B	4.620	4.907	-0.287
10	C30B	4.878	4.640	0.238
10	A133UB	4.462	4.874	-0.412
10	A132UB	4.838	4.486	0.352
10	B75UB	4.883	4.892	-0.009
10	C27UB	4.869	4.844	0.025
10	C25UB	4.460	4.490	-0.030
25	A131B	4.852	4.766	0.086
25	A130B	4.624	4.973	-0.349
25	B47B	5.029	5.151	-0.122
25	C24B	4.688	4.861	-0.173
25	C9B	4.812	4.980	-0.168
25	A129UB	4.817	4.701	0.116
25	A128UB	4.668	4.800	-0.132
25	A118UB	4.877	4.675	0.202
25	C23UB	4.664	4.853	-0.189
25	C22UB	4.742	4.793	-0.051
30	333B	4.700	5.140	-0.440
30	334B	4.655	5.200	-0.545
30	335B	4.450	4.971	-0.521
30	336B	4.679	5.037	-0.358
30	337B	4.656	5.059	-0.403
30	322UB	4.589	4.626	-0.037
30	329UB	4.610	4.760	-0.150
30	330UB	4.723	4.504	0.219
30	331UB	4.454	4.659	-0.205
30	332UB	4.624	4.569	0.055
50	A114B	4.431	4.811	-0.380
50	A115B	4.843	9.606	-4.763
50	A116B	4.932	9.319	-4.387
50	A120B	4.893	9.461	-4.568
50	A121B	4.601	9.019	-4.418
50	A123B	4.554	8.921	-4.367
50	A124B	5.050	9.500	-4.450
50	A189B	4.804	9.206	-4.402
50	A190B	4.815	9.221	-4.406
50	B41B	4.714	9.560	-4.846
50	B38B	5.021	9.611	-4.590
50	C20B	4.795	9.456	-4.661
50	C10B	4.509	9.326	-4.817
50	C15B	4.729	9.604	-4.875
50	C13B	4.558	9.076	-4.518
50	C3B	4.644	5.026	-0.382
50	C16B	4.812	9.775	-4.963
50	C35B	4.804	9.295	-4.491
50	C47B	4.724	9.214	-4.490
50	C54B	4.717	9.821	-5.104
50	C51B	4.756	8.808	-4.052
50	C55B	4.703	8.991	-4.288
	Max	5.050	9.821	0.352
	Average	4.733	6.253	-1.519
	Min	4.431	4.486	-5.104
	Std Dev	0.150	2.133	2.111



3.11_Func_LvShift_IAVDD		
Test Site	CLAB	0.011
Tester	EAGLE3	-0.023
Test Number	EF651300	-0.006
Max Limit	11	mA
Min Limit	0.5	mA

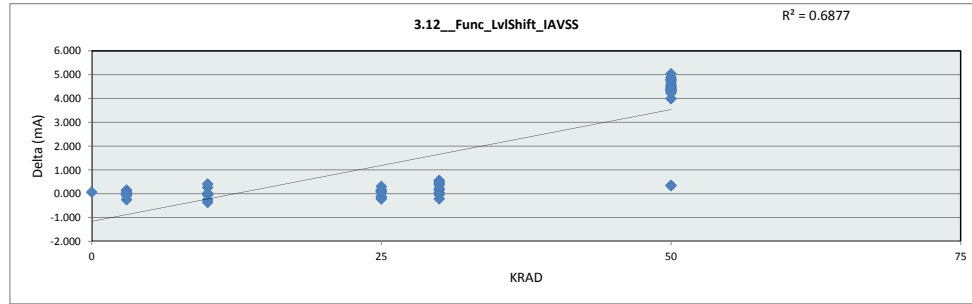
KRAD	0	3	10	25	30	50
LL	0.500	0.500	0.500	0.500	0.500	0.500
Min	5.007	4.629	4.486	4.675	4.504	4.811
Average	5.007	4.796	4.725	4.855	4.853	8.938
Max	5.007	5.009	4.907	5.151	5.200	9.821
UL	11.000	11.000	11.000	11.000	11.000	11.000



ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

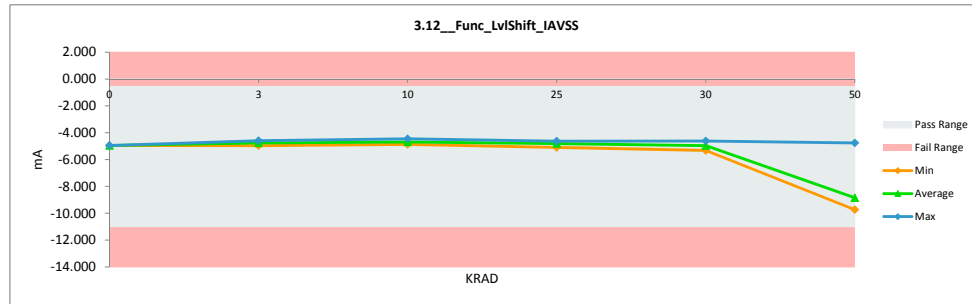
3.12_Func_LvlShift_IAVSS		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	mA	mA
Max Limit	-0.5	-0.5
Min Limit	-11	-11

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-4.882	-4.950	0.068
3	A142B	-4.590	-4.597	0.007
3	A141B	-4.679	-4.682	0.003
3	B78B	-4.631	-4.616	-0.015
3	C1B	-4.775	-4.751	-0.024
3	C2B	-4.749	-4.778	0.029
3	A138UB	-4.976	-4.728	-0.248
3	A140UB	-4.815	-4.970	0.155
3	B21UB	-4.762	-4.886	0.124
3	C7UB	-4.728	-4.767	0.039
3	C31UB	-4.898	-4.828	-0.070
10	A135B	-4.706	-4.682	-0.024
10	A137B	-4.838	-4.849	0.011
10	B64B	-4.481	-4.477	-0.004
10	C29B	-4.604	-4.869	0.265
10	C30B	-4.859	-4.606	-0.253
10	A133UB	-4.443	-4.853	0.410
10	A132UB	-4.817	-4.455	-0.362
10	B75UB	-4.861	-4.855	-0.006
10	C27UB	-4.851	-4.812	-0.039
10	C25UB	-4.447	-4.459	0.012
25	A131B	-4.832	-4.715	-0.117
25	A130B	-4.606	-4.918	0.312
25	B47B	-5.004	-5.093	0.089
25	C24B	-4.673	-4.809	0.136
25	C9B	-4.797	-4.932	0.135
25	A129UB	-4.796	-4.661	-0.135
25	A128UB	-4.647	-4.761	0.114
25	A118UB	-4.856	-4.637	-0.219
25	C23UB	-4.649	-4.813	0.164
25	C22UB	-4.726	-4.753	0.027
30	333B	-4.806	-5.256	0.450
30	334B	-4.760	-5.322	0.562
30	335B	-4.550	-5.091	0.541
30	336B	-4.784	-5.154	0.370
30	337B	-4.762	-5.181	0.419
30	322UB	-4.691	-4.737	0.046
30	329UB	-4.714	-4.875	0.161
30	330UB	-4.832	-4.619	-0.213
30	331UB	-4.554	-4.776	0.222
30	332UB	-4.726	-4.684	-0.042
50	A114B	-4.413	-4.759	0.346
50	A115B	-4.828	-9.522	4.694
50	A116B	-4.909	-9.232	4.323
50	A120B	-4.874	-9.376	4.502
50	A121B	-4.584	-8.938	4.354
50	A123B	-4.540	-8.839	4.299
50	A124B	-5.029	-9.416	4.387
50	A189B	-4.786	-9.120	4.334
50	A190B	-4.798	-9.139	4.341
50	B41B	-4.684	-9.477	4.793
50	B38B	-4.996	-9.523	4.527
50	C20B	-4.778	-9.371	4.593
50	C10B	-4.490	-9.242	4.752
50	C15B	-4.712	-9.518	4.806
50	C13B	-4.543	-8.993	4.450
50	C3B	-4.628	-4.977	0.349
50	C16B	-4.797	-9.689	4.892
50	C35B	-4.788	-9.206	4.418
50	C47B	-4.711	-9.131	4.420
50	C54B	-4.698	-9.735	5.037
50	C51B	-4.741	-8.729	3.988
50	C55B	-4.687	-8.912	4.225
	Max	-4.413	-4.455	5.037
	Average	-4.733	-6.224	1.491
	Min	-5.029	-9.735	-0.362
	Std Dev	0.139	2.096	2.086



3.12_Func_LvlShift_IAVSS		
Test Site	CLAB	
Tester	EAGLE3	
Test Number	EF651300	
Max Limit	-0.5	mA
Min Limit	-11	mA

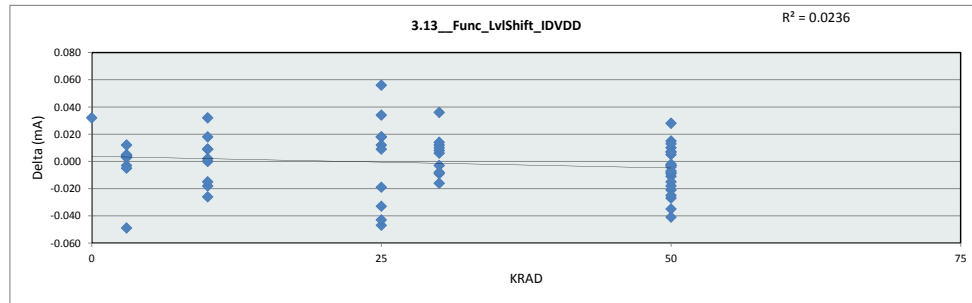
	KRAD	0	3	10	25	30	50
LL		-11.000	-11.000	-11.000	-11.000	-11.000	-11.000
Min		-4.950	-4.970	-4.869	-5.093	-5.322	-9.735
Average		-4.950	-4.760	-4.692	-4.809	-4.970	-8.857
Max		-4.950	-4.597	-4.455	-4.637	-4.619	-4.759
UL		-0.500	-0.500	-0.500	-0.500	-0.500	-0.500



ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

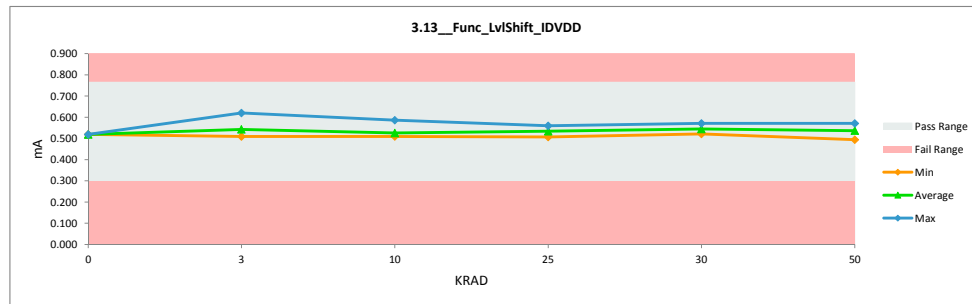
3.13_Func_LvlShift_IDVDD		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	mA	mA
Max Limit	0.765	0.765
Min Limit	0.3	0.3

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.551	0.519	0.032
3	A142B	0.513	0.509	0.004
3	A141B	0.543	0.540	0.003
3	B78B	0.571	0.620	-0.049
3	C1B	0.535	0.531	0.004
3	C2B	0.530	0.533	-0.003
3	A138UB	0.537	0.533	0.004
3	A140UB	0.546	0.534	0.012
3	B21UB	0.545	0.540	0.005
3	C7UB	0.545	0.542	0.003
3	C31UB	0.541	0.546	-0.005
10	A135B	0.524	0.515	0.009
10	A137B	0.518	0.518	0.000
10	B64B	0.568	0.586	-0.018
10	C29B	0.527	0.509	0.018
10	C30B	0.510	0.525	-0.015
10	A133UB	0.543	0.511	0.032
10	A132UB	0.519	0.519	0.000
10	B75UB	0.532	0.523	0.009
10	C27UB	0.516	0.514	0.002
10	C25UB	0.514	0.540	-0.026
25	A131B	0.563	0.507	0.056
25	A130B	0.513	0.560	-0.047
25	B47B	0.547	0.529	0.018
25	C24B	0.538	0.520	0.018
25	C9B	0.544	0.510	0.034
25	A129UB	0.532	0.520	0.012
25	A128UB	0.546	0.537	0.009
25	A118UB	0.510	0.553	-0.043
25	C23UB	0.518	0.551	-0.033
25	C22UB	0.538	0.557	-0.019
30	333B	0.541	0.529	0.012
30	334B	0.577	0.571	0.006
30	335B	0.553	0.556	-0.003
30	336B	0.532	0.524	0.008
30	337B	0.556	0.546	0.010
30	322UB	0.539	0.555	-0.016
30	329UB	0.562	0.548	0.014
30	330UB	0.550	0.559	-0.009
30	331UB	0.557	0.521	0.036
30	332UB	0.528	0.536	-0.008
50	A114B	0.525	0.515	0.010
50	A115B	0.541	0.536	0.005
50	A116B	0.530	0.533	-0.003
50	A120B	0.542	0.535	0.007
50	A121B	0.523	0.534	-0.011
50	A123B	0.523	0.531	-0.008
50	A124B	0.549	0.552	-0.003
50	A189B	0.526	0.519	0.007
50	A190B	0.524	0.526	-0.002
50	B41B	0.564	0.536	0.028
50	B38B	0.563	0.548	0.015
50	C20B	0.505	0.514	-0.009
50	C10B	0.508	0.549	-0.041
50	C15B	0.539	0.560	-0.021
50	C13B	0.507	0.494	0.013
50	C3B	0.541	0.545	-0.004
50	C16B	0.544	0.571	-0.027
50	C35B	0.537	0.544	-0.007
50	C47B	0.519	0.537	-0.018
50	C54B	0.513	0.538	-0.025
50	C51B	0.524	0.539	-0.015
50	C55B	0.517	0.552	-0.035
	Max	0.577	0.620	0.056
	Average	0.535	0.537	-0.001
	Min	0.505	0.494	-0.049
	Std Dev	0.017	0.021	0.021



3.13_Func_LvlShift_IDVDD		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Max Limit	0.765	mA
Min Limit	0.3	mA

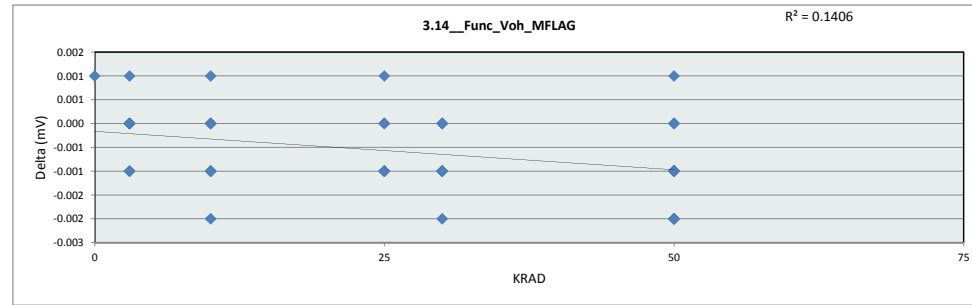
KRAD	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.519	0.509	0.509	0.507	0.521	0.494
Average	0.519	0.543	0.526	0.534	0.545	0.537
Max	0.519	0.620	0.586	0.560	0.571	0.571
UL	0.765	0.765	0.765	0.765	0.765	0.765



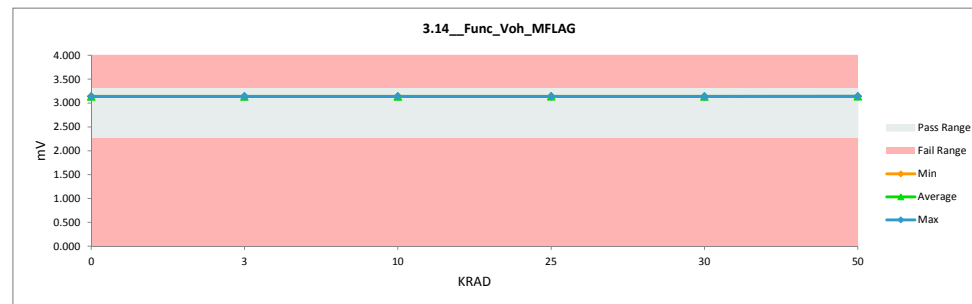
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

3.14_Func_Voh_MFLAG		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	mV	mV
Max Limit	3.3	3.3
Min Limit	2.25	2.25

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	3.140	3.139	0.001
3	A142B	3.139	3.139	0.000
3	A141B	3.139	3.139	0.000
3	B78B	3.138	3.139	-0.001
3	C1B	3.139	3.139	0.000
3	C2B	3.140	3.140	0.000
3	A138UB	3.139	3.139	0.000
3	A140UB	3.139	3.140	-0.001
3	B21UB	3.139	3.140	-0.001
3	C7UB	3.139	3.139	0.000
3	C31UB	3.140	3.139	0.001
10	A135B	3.138	3.139	-0.001
10	A137B	3.139	3.139	0.000
10	B64B	3.138	3.140	-0.002
10	C29B	3.140	3.140	0.000
10	C30B	3.139	3.140	-0.001
10	A133UB	3.139	3.140	-0.001
10	A132UB	3.138	3.139	-0.001
10	B75UB	3.139	3.139	0.000
10	C27UB	3.139	3.139	0.000
10	C25UB	3.140	3.139	0.001
25	A131B	3.139	3.139	0.000
25	A130B	3.139	3.140	-0.001
25	B47B	3.139	3.139	0.000
25	C24B	3.139	3.140	-0.001
25	C9B	3.139	3.140	-0.001
25	A129UB	3.138	3.139	-0.001
25	A128UB	3.139	3.140	-0.001
25	A118UB	3.140	3.139	0.001
25	C23UB	3.139	3.140	-0.001
25	C22UB	3.139	3.139	0.000
30	333B	3.138	3.139	-0.001
30	334B	3.138	3.138	0.000
30	335B	3.138	3.139	-0.001
30	336B	3.138	3.138	0.000
30	337B	3.138	3.139	-0.001
30	322UB	3.137	3.139	-0.002
30	329UB	3.138	3.138	0.000
30	330UB	3.138	3.139	-0.001
30	331UB	3.138	3.139	-0.001
30	332UB	3.138	3.138	0.000
50	A114B	3.140	3.140	0.000
50	A115B	3.140	3.140	0.000
50	A116B	3.139	3.140	-0.001
50	A120B	3.140	3.140	0.000
50	A121B	3.139	3.141	-0.002
50	A123B	3.138	3.140	-0.002
50	A124B	3.139	3.140	-0.001
50	A189B	3.138	3.140	-0.002
50	A190B	3.139	3.140	-0.001
50	B41B	3.139	3.139	0.000
50	B38B	3.139	3.141	-0.002
50	C20B	3.139	3.140	-0.001
50	C10B	3.139	3.140	-0.001
50	C15B	3.140	3.141	-0.001
50	C13B	3.139	3.140	-0.001
50	C3B	3.139	3.140	-0.001
50	C16B	3.139	3.140	-0.001
50	C35B	3.139	3.140	-0.001
50	C47B	3.139	3.140	-0.001
50	C54B	3.140	3.139	0.001
50	C51B	3.139	3.140	-0.001
50	C55B	3.139	3.141	-0.002
	Max	3.140	3.141	0.001
	Average	3.139	3.140	-0.001
	Min	3.137	3.138	-0.002
	Std Dev	0.001	0.001	0.001



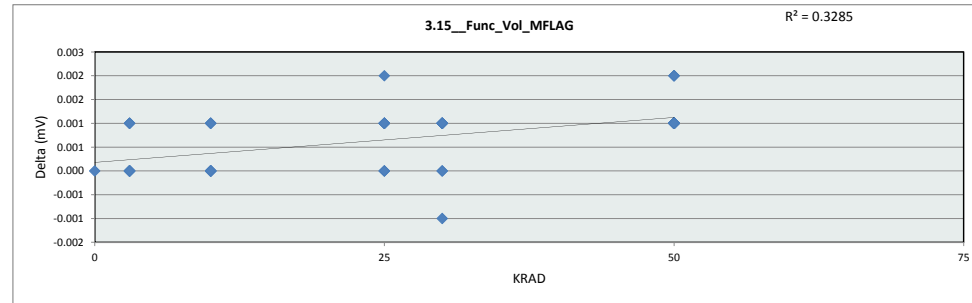
3.14_Func_Voh_MFLAG						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	3.3	mV				
Min Limit	2.25	mV				
KRAD	0	3	10	25	30	50
LL	2.250	2.250	2.250	2.250	2.250	2.250
Min	3.139	3.139	3.139	3.139	3.138	3.139
Average	3.139	3.139	3.139	3.140	3.139	3.140
Max	3.139	3.140	3.140	3.140	3.139	3.141
UL	3.300	3.300	3.300	3.300	3.300	3.300



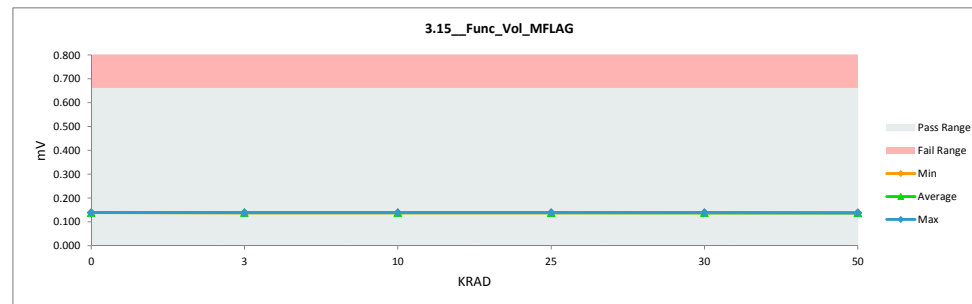
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

3.15_Func_Vol_MFLAG				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mV	mV		
Max Limit	0.66	0.66		
Min Limit	0	0		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.139	0.139	0.000
3	A142B	0.139	0.139	0.000
3	A141B	0.139	0.139	0.000
3	B78B	0.139	0.138	0.001
3	C1B	0.139	0.139	0.000
3	C2B	0.139	0.138	0.001
3	A138UB	0.139	0.139	0.000
3	A140UB	0.139	0.139	0.000
3	B21UB	0.139	0.138	0.001
3	C7UB	0.139	0.139	0.000
3	C31UB	0.139	0.139	0.000
10	A135B	0.139	0.139	0.000
10	A137B	0.139	0.139	0.000
10	B64B	0.139	0.138	0.001
10	C29B	0.139	0.139	0.000
10	C30B	0.139	0.139	0.000
10	A133UB	0.139	0.139	0.000
10	A132UB	0.139	0.138	0.001
10	B75UB	0.139	0.139	0.000
10	C27UB	0.139	0.139	0.000
10	C25UB	0.139	0.138	0.001
25	A131B	0.139	0.139	0.000
25	A130B	0.140	0.138	0.002
25	B47B	0.139	0.138	0.001
25	C24B	0.139	0.138	0.001
25	C9B	0.139	0.138	0.001
25	A129UB	0.140	0.139	0.001
25	A128UB	0.139	0.139	0.000
25	A118UB	0.139	0.138	0.001
25	C23UB	0.139	0.139	0.000
25	C22UB	0.139	0.138	0.001
30	333B	0.139	0.138	0.001
30	334B	0.139	0.138	0.001
30	335B	0.138	0.138	0.000
30	336B	0.139	0.138	0.001
30	337B	0.139	0.138	0.001
30	322UB	0.139	0.138	0.001
30	329UB	0.139	0.138	0.001
30	330UB	0.138	0.138	0.000
30	331UB	0.138	0.139	-0.001
30	332UB	0.139	0.138	0.001
50	A114B	0.140	0.138	0.002
50	A115B	0.139	0.138	0.001
50	A116B	0.139	0.138	0.001
50	A120B	0.139	0.138	0.001
50	A121B	0.139	0.138	0.001
50	A123B	0.139	0.138	0.001
50	A124B	0.139	0.138	0.001
50	A189B	0.139	0.138	0.001
50	A190B	0.139	0.138	0.001
50	B41B	0.139	0.138	0.001
50	B38B	0.139	0.138	0.001
50	C20B	0.139	0.138	0.001
50	C10B	0.140	0.138	0.002
50	C15B	0.139	0.138	0.001
50	C13B	0.139	0.138	0.001
50	C3B	0.139	0.138	0.001
50	C16B	0.139	0.138	0.001
50	C35B	0.139	0.138	0.001
50	C47B	0.139	0.138	0.001
50	C54B	0.139	0.138	0.001
50	C51B	0.140	0.138	0.002
50	C55B	0.139	0.138	0.001
	Max	0.140	0.139	0.002
	Average	0.139	0.138	0.001
	Min	0.138	0.138	-0.001
	Std Dev	0.000	0.000	0.001

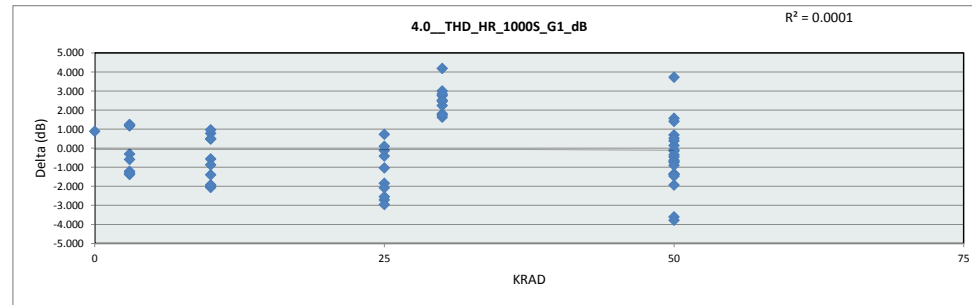


3.15_Func_Vol_MFLAG						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	0.66	mV				
Min Limit	0	mV				
KRAD	0	3	10	25	30	50
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.139	0.138	0.138	0.138	0.138	0.138
Average	0.139	0.139	0.139	0.138	0.138	0.138
Max	0.139	0.139	0.139	0.139	0.139	0.138
UL	0.660	0.660	0.660	0.660	0.660	0.660

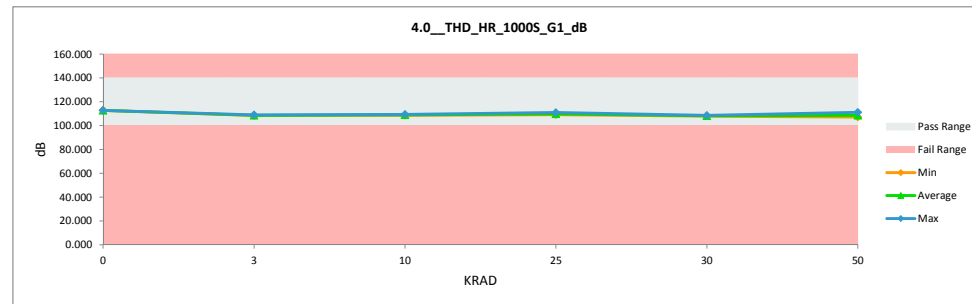


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		4.0_THD_HR_1000S_G1_dB		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	100	100		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	113.611	112.725	0.886
3	A142B	109.813	108.643	1.170
3	A141B	110.284	109.050	1.234
3	B78B	108.426	108.735	-0.309
3	C1B	107.237	108.447	-1.210
3	C2B	107.166	108.510	-1.344
3	A138UB	109.900	108.671	1.229
3	A140UB	109.605	108.411	1.194
3	B21UB	108.144	108.734	-0.590
3	C7UB	107.074	108.460	-1.386
3	C31UB	107.102	108.417	-1.315
10	A135B	109.691	108.917	0.774
10	A137B	109.547	108.583	0.964
10	B64B	108.278	108.848	-0.570
10	C29B	106.979	108.986	-2.007
10	C30B	106.969	109.035	-2.066
10	A133UB	109.414	108.922	0.492
10	A132UB	109.690	109.204	0.486
10	B75UB	108.573	109.452	-0.879
10	C27UB	107.280	109.210	-1.930
10	C25UB	107.255	108.654	-1.399
25	A131B	109.102	110.942	-1.840
25	A130B	109.220	110.254	-1.034
25	B47B	110.155	110.573	-0.418
25	C24B	106.724	109.439	-2.715
25	C9B	107.183	110.143	-2.960
25	A129UB	109.951	109.224	0.727
25	A128UB	109.059	109.184	-0.125
25	A118UB	109.248	109.151	0.097
25	C23UB	107.098	109.650	-2.552
25	C22UB	107.029	109.104	-2.075
30	333B	110.624	108.164	2.460
30	334B	109.992	108.190	1.802
30	335B	110.177	107.939	2.238
30	336B	109.980	108.358	1.622
30	337B	109.951	108.221	1.730
30	322UB	112.283	108.097	4.186
30	329UB	111.291	108.530	2.761
30	330UB	110.973	107.975	2.998
30	331UB	111.328	108.488	2.840
30	332UB	110.839	108.323	2.516
50	A114B	109.191	111.129	-1.938
50	A115B	109.536	107.968	1.568
50	A116B	109.584	110.940	-1.356
50	A120B	108.817	109.564	-0.747
50	A121B	108.639	107.946	0.693
50	A123B	108.646	108.505	0.141
50	A124B	108.601	108.218	0.383
50	A189B	108.886	109.233	-0.347
50	A190B	108.777	108.260	0.517
50	B41B	111.185	107.464	3.721
50	B38B	110.412	109.005	1.407
50	C20B	107.243	107.390	-0.147
50	C10B	106.663	107.118	-0.455
50	C15B	106.784	107.415	-0.631
50	C13B	107.008	107.714	-0.706
50	C3B	107.027	110.636	-3.609
50	C16B	107.183	108.537	-1.354
50	C35B	107.065	110.846	-3.781
50	C47B	106.954	108.342	-1.388
50	C54B	107.134	108.038	-0.904
50	C51B	107.208	108.675	-1.467
50	C55B	106.978	107.076	-0.098
	Max	113.611	112.725	4.186
	Average	108.790	108.866	-0.076
	Min	106.663	107.076	-3.781
	Std Dev	1.598	1.046	1.760

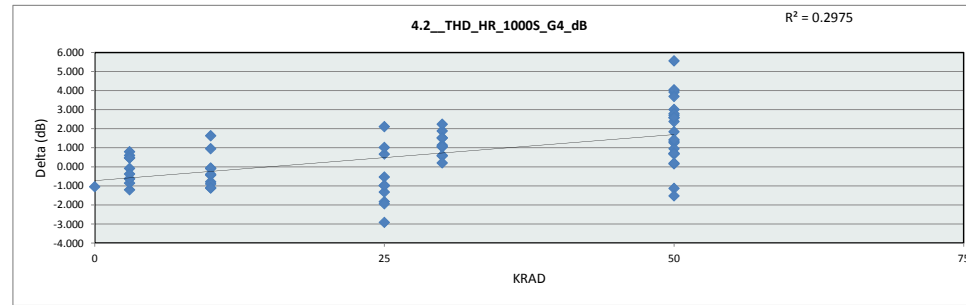


		4.0_THD_HR_1000S_G1_dB					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	140	dB					
Min Limit	100	dB					
KRAD	0	3	10	25	30	50	
LL	100.000	100.000	100.000	100.000	100.000	100.000	
Min	112.725	108.411	108.583	109.104	107.939	107.076	
Average	112.725	108.608	108.981	109.766	108.229	108.637	
Max	112.725	109.050	109.452	110.942	108.530	111.129	
UL	140.000	140.000	140.000	140.000	140.000	140.000	

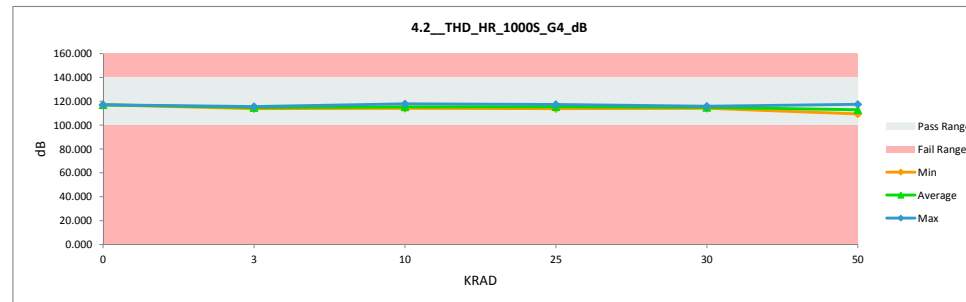


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

4.2_THD_HR_1000S_G4_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	100	100		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	116.038	117.083	-1.045
3	A142B	115.706	114.914	0.792
3	A141B	116.137	115.537	0.600
3	B78B	114.802	114.879	-0.077
3	C1B	113.352	114.557	-1.205
3	C2B	114.176	114.800	-0.624
3	A138UB	115.535	115.062	0.473
3	A140UB	114.298	115.150	-0.852
3	B21UB	114.413	115.038	-0.625
3	C7UB	114.229	114.606	-0.377
3	C31UB	114.270	113.801	0.469
10	A135B	114.949	115.014	-0.065
10	A137B	115.223	114.273	0.950
10	B64B	115.140	115.230	-0.090
10	C29B	114.191	114.978	-0.787
10	C30B	113.802	114.699	-0.897
10	A133UB	114.594	115.710	-1.116
10	A132UB	116.193	114.560	1.633
10	B75UB	117.488	117.918	-0.430
10	C27UB	115.263	116.367	-1.104
10	C25UB	113.715	114.102	-0.387
25	A131B	114.283	116.106	-1.823
25	A130B	115.253	114.588	0.665
25	B47B	116.296	117.277	-0.981
25	C24B	113.368	113.898	-0.530
25	C9B	114.822	116.141	-1.319
25	A129UB	116.376	114.267	2.109
25	A128UB	114.223	115.204	-0.981
25	A118UB	115.352	114.333	1.019
25	C23UB	114.283	117.203	-2.920
25	C22UB	113.864	115.805	-1.941
30	333B	116.093	114.959	1.134
30	334B	115.472	114.872	0.600
30	335B	114.669	114.090	0.579
30	336B	116.900	115.851	1.049
30	337B	115.389	115.186	0.203
30	322UB	116.709	115.191	1.518
30	329UB	116.642	114.758	1.884
30	330UB	116.694	114.457	2.237
30	331UB	116.011	114.484	1.527
30	332UB	115.972	114.899	1.073
50	A114B	113.892	113.740	0.152
50	A115B	115.758	113.913	1.845
50	A116B	116.364	117.491	-1.127
50	A120B	115.428	114.084	1.344
50	A121B	114.519	113.247	1.272
50	A123B	114.156	113.203	0.953
50	A124B	115.553	112.849	2.704
50	A189B	116.137	115.468	0.669
50	A190B	115.710	111.786	3.924
50	B41B	115.036	109.476	5.560
50	B38B	116.267	115.570	0.697
50	C20B	114.549	110.505	4.044
50	C10B	113.005	110.431	2.574
50	C15B	113.523	110.516	3.007
50	C13B	113.471	110.680	2.791
50	C3B	115.368	115.182	0.186
50	C16B	114.822	113.397	1.425
50	C35B	113.873	115.400	-1.527
50	C47B	113.753	113.047	0.706
50	C54B	114.579	110.878	3.701
50	C51B	114.532	112.153	2.379
50	C55B	113.595	111.008	2.587
	Max	117.488	117.918	5.560
	Average	115.017	114.379	0.638
	Min	113.005	109.476	-2.920
	Std Dev	1.046	1.806	1.632

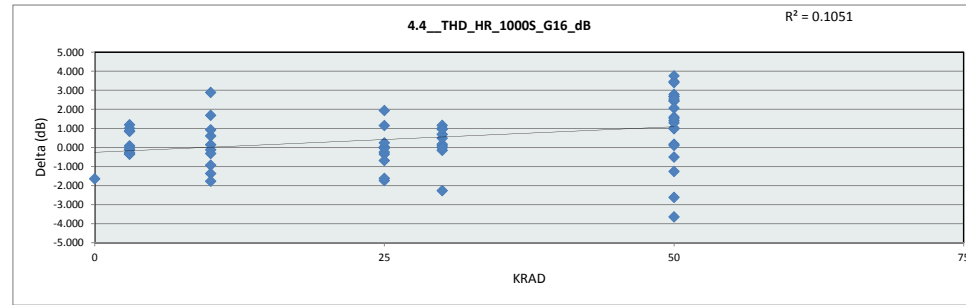


4.2_THD_HR_1000S_G4_dB						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	140	dB				
Min Limit	100	dB				
KRAD	0	3	10	25	30	50
LL	100.000	100.000	100.000	100.000	100.000	100.000
Min	117.083	113.801	114.102	113.898	114.090	109.476
Average	117.083	114.834	115.285	115.482	114.875	112.910
Max	117.083	115.537	117.918	117.277	115.851	117.491
UL	140.000	140.000	140.000	140.000	140.000	140.000

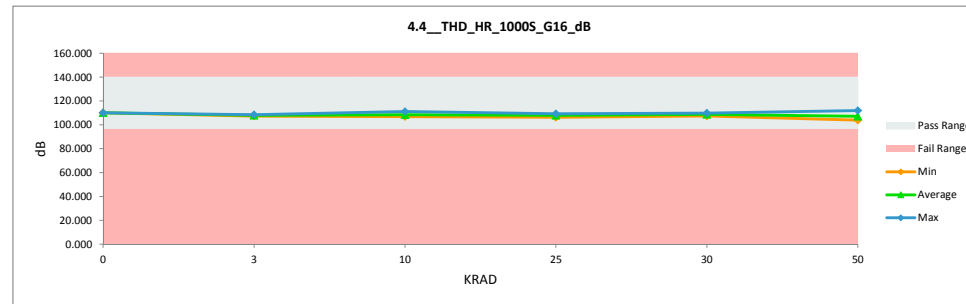


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

4.4_THD_HR_1000S_G16_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	96	96		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	108.473	110.123	-1.650
3	A142B	108.217	108.142	0.075
3	A141B	109.285	108.438	0.847
3	B78B	109.278	108.092	1.186
3	C1B	107.289	107.560	-0.271
3	C2B	107.874	107.899	-0.025
3	A138UB	108.659	107.659	1.000
3	A140UB	107.940	108.281	-0.341
3	B21UB	108.246	107.385	0.861
3	C7UB	107.819	108.173	-0.354
3	C31UB	107.218	107.342	-0.124
10	A135B	108.464	107.863	0.601
10	A137B	108.178	108.040	0.138
10	B64B	109.141	109.268	-0.127
10	C29B	107.888	108.827	-0.939
10	C30B	108.608	106.926	1.682
10	A133UB	107.118	108.494	-1.376
10	A132UB	110.444	107.558	2.886
10	B75UB	110.274	109.359	0.915
10	C27UB	109.417	111.191	-1.774
10	C25UB	107.017	107.341	-0.324
25	A131B	107.063	108.803	-1.740
25	A130B	108.181	107.034	1.147
25	B47B	108.601	108.955	-0.354
25	C24B	106.408	106.389	0.019
25	C9B	108.357	108.603	-0.246
25	A129UB	109.343	107.412	1.931
25	A128UB	107.288	107.324	-0.036
25	A118UB	107.666	107.429	0.237
25	C23UB	107.704	109.332	-1.628
25	C22UB	107.898	108.589	-0.691
30	333B	108.776	108.704	0.072
30	334B	108.925	108.761	0.164
30	335B	107.942	108.099	-0.157
30	336B	109.085	109.098	-0.013
30	337B	109.802	109.321	0.481
30	322UB	109.332	108.336	0.996
30	329UB	108.624	107.937	0.687
30	330UB	108.586	107.434	1.152
30	331UB	107.522	109.796	-2.274
30	332UB	110.453	109.504	0.949
50	A114B	106.994	107.500	-0.506
50	A115B	109.295	108.282	1.013
50	A116B	108.798	107.825	0.973
50	A120B	108.309	111.960	-3.651
50	A121B	108.091	107.928	0.163
50	A123B	108.671	107.267	1.404
50	A124B	108.845	106.397	2.448
50	A189B	110.238	107.460	2.778
50	A190B	109.058	107.467	1.591
50	B41B	108.477	105.797	2.680
50	B38B	108.926	108.820	0.106
50	C20B	107.375	103.924	3.451
50	C10B	108.484	105.082	3.402
50	C15B	106.775	104.345	2.430
50	C13B	108.142	105.475	2.667
50	C3B	109.053	111.680	-2.627
50	C16B	108.357	107.072	1.285
50	C35B	107.950	109.214	-1.264
50	C47B	107.941	105.882	2.059
50	C54B	108.592	106.053	2.539
50	C51B	107.740	106.214	1.526
50	C55B	108.411	104.655	3.756
	Max	110.453	111.960	3.756
	Average	108.396	107.891	0.505
	Min	106.408	103.924	-3.651
	Std Dev	0.890	1.550	1.527



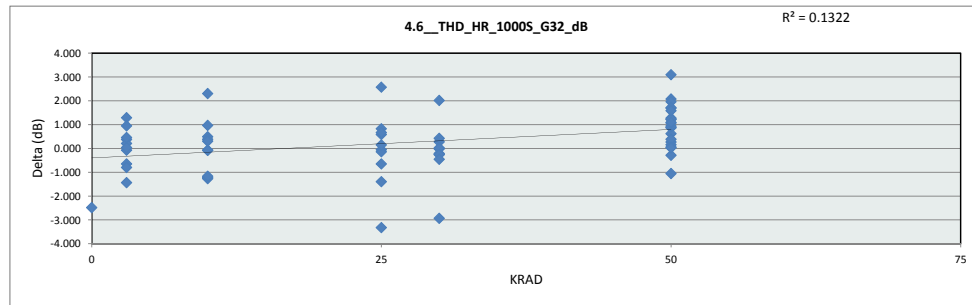
4.4_THD_HR_1000S_G16_dB						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	140	dB				
Min Limit	96	dB				
KRAD	0	3	10	25	30	50
LL	96.000	96.000	96.000	96.000	96.000	96.000
Min	110.123	107.342	106.926	106.389	107.434	103.924
Average	110.123	107.897	108.487	107.987	108.699	107.105
Max	110.123	108.438	111.191	109.332	109.796	111.960
UL	140.000	140.000	140.000	140.000	140.000	140.000



ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

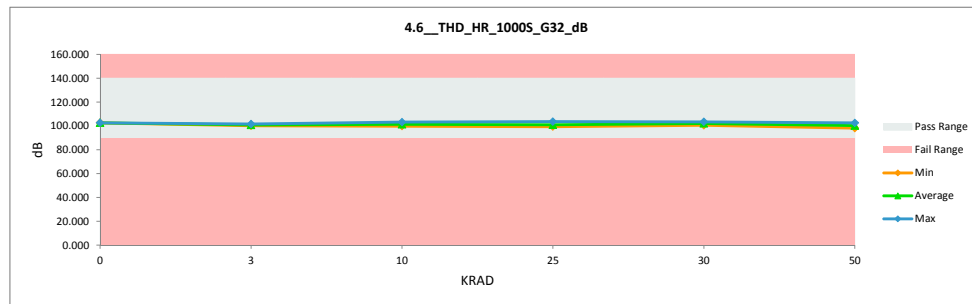
4.6_THD_HR_1000S_G32_dB		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	dB	dB
Max Limit	140	140
Min Limit	90	90

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	100.116	102.601	-2.485
3	A142B	100.588	100.657	-0.069
3	A141B	101.571	101.189	0.382
3	B78B	100.963	100.751	0.212
3	C1B	100.715	101.362	-0.647
3	C2B	101.558	100.266	1.292
3	A138UB	101.325	100.378	0.947
3	A140UB	100.196	101.629	-1.433
3	B21UB	100.448	100.409	0.039
3	C7UB	100.173	100.968	-0.795
3	C31UB	100.553	100.095	0.458
10	A135B	101.048	100.556	0.492
10	A137B	101.247	101.320	-0.073
10	B64B	102.710	101.737	0.973
10	C29B	100.094	101.361	-1.267
10	C30B	101.286	100.900	0.386
10	A133UB	100.126	101.343	-1.217
10	A132UB	102.768	100.461	2.307
10	B75UB	102.527	102.602	-0.075
10	C27UB	102.060	103.228	-1.168
10	C25UB	100.091	99.784	0.307
25	A131B	100.087	99.500	0.587
25	A130B	100.986	100.157	0.829
25	B47B	101.559	101.607	-0.048
25	C24B	99.256	99.397	-0.141
25	C9B	101.657	100.987	0.670
25	A129UB	102.988	100.411	2.577
25	A128UB	100.434	101.080	-0.646
25	A118UB	100.371	100.220	0.151
25	C23UB	100.329	103.653	-3.324
25	C22UB	100.851	102.245	-1.394
30	333B	101.750	101.965	-0.215
30	334B	102.245	102.265	-0.020
30	335B	100.818	101.067	-0.249
30	336B	102.703	102.422	0.281
30	337B	102.196	102.173	0.023
30	322UB	101.974	102.236	-0.262
30	329UB	102.325	102.780	-0.455
30	330UB	102.525	100.506	2.019
30	331UB	100.495	103.426	-2.931
30	332UB	102.481	102.056	0.425
50	A114B	99.198	100.252	-1.054
50	A115B	101.848	100.958	0.890
50	A116B	101.671	100.805	0.866
50	A120B	102.798	102.529	0.269
50	A121B	100.590	100.431	0.159
50	A123B	100.977	100.358	0.619
50	A124B	101.809	100.590	1.219
50	A189B	101.942	101.554	0.388
50	A190B	102.470	100.393	2.077
50	B41B	101.643	99.951	1.692
50	B38B	102.049	101.994	0.055
50	C20B	100.449	98.485	1.964
50	C10B	100.434	99.157	1.277
50	C15B	99.890	98.652	1.238
50	C13B	100.733	99.018	1.715
50	C3B	101.247	101.536	-0.289
50	C16B	101.657	100.717	0.940
50	C35B	100.830	100.799	0.031
50	C47B	100.658	99.588	1.070
50	C54B	101.517	99.929	1.588
50	C51B	100.876	99.778	1.098
50	C55B	101.181	98.081	3.100
	Max	102.988	103.653	3.100
	Average	101.217	100.941	0.275
	Min	99.198	98.081	-3.324
	Std Dev	0.919	1.193	1.211



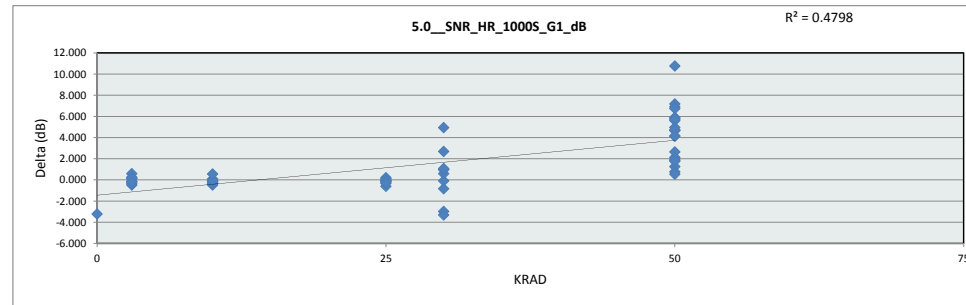
4.6_THD_HR_1000S_G32_dB		
Test Site	CLAB	
Tester	EAGLE3	
Test Number	EF651300	
Max Limit	140	dB
Min Limit	90	dB

KRAD	0	3	10	25	30	50
LL	90.000	90.000	90.000	90.000	90.000	90.000
Min	102.601	100.095	99.784	99.397	100.506	98.081
Average	102.601	100.770	101.329	100.926	102.090	100.253
Max	102.601	101.629	103.228	103.653	103.426	102.529
UL	140.000	140.000	140.000	140.000	140.000	140.000

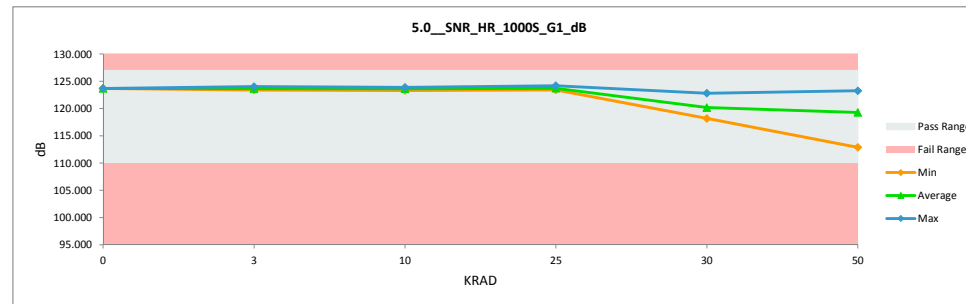


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		5.0_SNR_HR_1000S_G1_dB		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	127	127		
Min Limit	110	110		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	120.463	123.683	-3.220
3	A142B	123.692	123.540	0.152
3	A141B	123.841	123.727	0.114
3	B78B	124.020	123.430	0.590
3	C1B	123.648	123.387	0.261
3	C2B	123.504	123.620	-0.116
3	A138UB	123.233	123.721	-0.488
3	A140UB	123.304	123.477	-0.173
3	B21UB	123.675	124.018	-0.343
3	C7UB	123.965	123.816	0.149
3	C31UB	123.616	123.825	-0.209
10	A135B	123.553	123.619	-0.066
10	A137B	123.074	123.405	-0.331
10	B64B	123.519	123.638	-0.119
10	C29B	123.599	123.710	-0.111
10	C30B	123.366	123.844	-0.478
10	A133UB	123.812	123.722	0.090
10	A132UB	123.585	123.886	-0.301
10	B75UB	123.447	123.638	-0.191
10	C27UB	123.404	123.491	-0.087
10	C25UB	123.859	123.294	0.565
25	A131B	123.775	123.662	0.113
25	A130B	123.420	123.424	-0.004
25	B47B	123.582	124.186	-0.604
25	C24B	123.656	123.782	-0.126
25	C9B	123.728	123.517	0.211
25	A129UB	123.673	123.670	0.003
25	A128UB	123.384	123.520	-0.136
25	A118UB	123.627	123.909	-0.282
25	C23UB	123.487	123.590	-0.103
25	C22UB	123.584	123.891	-0.307
30	333B	121.964	121.373	0.591
30	334B	119.144	118.174	0.970
30	335B	118.246	119.078	-0.832
30	336B	122.366	121.372	0.994
30	337B	118.263	118.353	-0.090
30	322UB	121.111	118.422	2.689
30	329UB	118.525	121.510	-2.985
30	330UB	123.504	122.434	1.070
30	331UB	123.226	118.289	4.937
30	332UB	119.496	122.804	-3.308
50	A114B	124.106	118.495	5.611
50	A115B	123.767	121.634	2.133
50	A116B	123.347	117.434	5.913
50	A120B	123.140	117.324	5.816
50	A121B	123.604	120.958	2.646
50	A123B	122.670	117.961	4.709
50	A124B	123.322	116.142	7.180
50	A189B	124.032	122.212	1.820
50	A190B	123.649	112.889	10.760
50	B41B	123.719	117.998	5.721
50	B38B	123.520	118.822	4.698
50	C20B	123.566	116.662	6.904
50	C10B	123.147	121.892	1.255
50	C15B	123.624	118.676	4.948
50	C13B	123.637	119.518	4.119
50	C3B	123.698	119.041	4.657
50	C16B	123.728	121.762	1.966
50	C35B	124.034	117.295	6.739
50	C47B	123.431	122.663	0.768
50	C54B	123.797	123.257	0.540
50	C51B	123.628	119.468	4.160
50	C55B	123.898	122.136	1.762
	Max	124.106	124.186	10.760
	Average	123.064	121.582	1.481
	Min	118.246	112.889	-3.308
	Std Dev	1.422	2.671	2.761



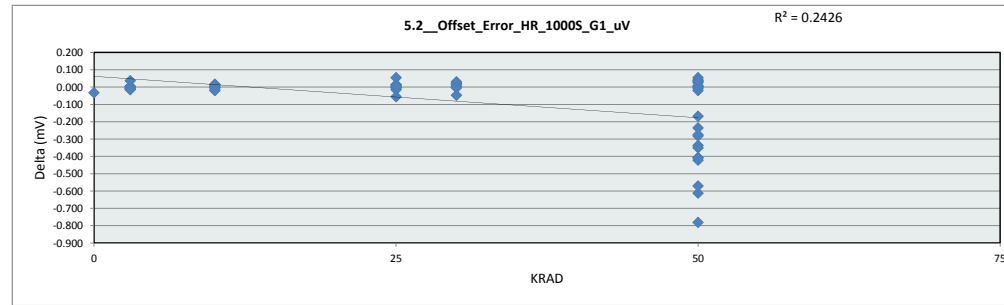
		5.0_SNR_HR_1000S_G1_dB					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	127	dB					
Min Limit	110	dB					
KRAD	0	3	10	25	30	50	
LL	110.000	110.000	110.000	110.000	110.000	110.000	110.000
Min	123.683	123.387	123.294	123.424	118.174	112.889	
Average	123.683	123.656	123.625	123.715	120.181	119.284	
Max	123.683	124.018	123.886	124.186	122.804	123.257	
UL	127.000	127.000	127.000	127.000	127.000	127.000	127.000



ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

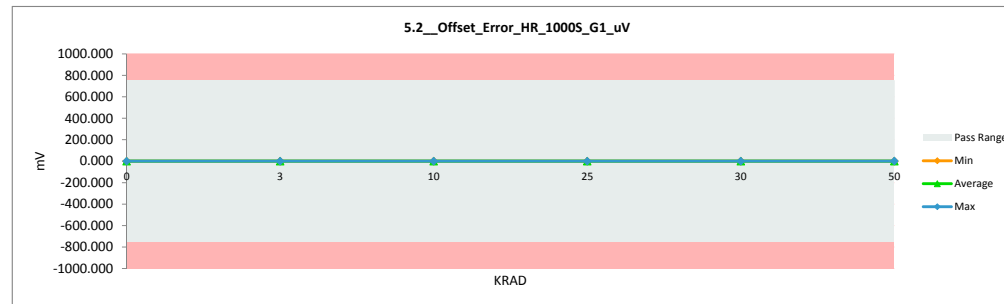
5.2_Offset_Error_HR_1000S_G		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	mV	mV
Max Limit	750	750
Min Limit	-750	-750

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.071	-0.039	-0.032
3	A142B	-0.005	-0.006	0.001
3	A141B	-0.016	-0.017	0.001
3	B78B	-0.022	-0.022	0.000
3	C1B	-0.033	-0.027	-0.006
3	C2B	-0.026	-0.032	0.006
3	A138UB	-0.028	-0.017	-0.011
3	A140UB	-0.030	-0.028	-0.002
3	B21UB	-0.007	-0.044	0.037
3	C7UB	-0.017	-0.006	-0.011
3	C31UB	-0.045	-0.031	-0.014
10	A135B	-0.032	-0.034	0.002
10	A137B	-0.007	-0.007	0.000
10	B64B	-0.030	-0.030	0.000
10	C29B	-0.012	-0.029	0.017
10	C30B	-0.030	-0.013	-0.017
10	A133UB	-0.021	-0.015	-0.006
10	A132UB	-0.030	-0.042	0.012
10	B75UB	-0.018	-0.018	0.000
10	C27UB	-0.016	-0.030	0.014
10	C25UB	-0.041	-0.022	-0.019
25	A131B	-0.063	-0.008	-0.055
25	A130B	-0.007	-0.062	0.055
25	B47B	-0.007	-0.007	0.000
25	C24B	-0.022	-0.020	-0.002
25	C9B	-0.027	-0.023	-0.004
25	A129UB	-0.032	-0.018	-0.014
25	A128UB	-0.026	-0.036	0.010
25	A118UB	-0.013	-0.027	0.014
25	C23UB	-0.018	-0.032	0.014
25	C22UB	-0.036	-0.038	0.002
30	333B	-0.001	-0.002	0.001
30	334B	-0.018	-0.034	0.016
30	335B	-0.018	-0.041	0.023
30	336B	0.009	0.008	0.001
30	337B	-0.006	-0.008	0.002
30	322UB	-0.019	-0.037	0.018
30	329UB	-0.028	0.019	-0.047
30	330UB	0.024	0.009	0.015
30	331UB	0.010	-0.021	0.031
30	332UB	-0.015	-0.012	-0.003
50	A114B	-0.009	-0.016	0.007
50	A115B	-0.031	-0.012	-0.019
50	A116B	-0.045	-0.100	0.055
50	A120B	-0.041	-0.083	0.042
50	A121B	-0.026	0.255	-0.281
50	A123B	-0.008	0.399	-0.407
50	A124B	-0.043	0.294	-0.337
50	A189B	-0.019	0.256	-0.275
50	A190B	-0.027	0.585	-0.612
50	B41B	-0.026	0.544	-0.570
50	B38B	-0.030	0.392	-0.422
50	C20B	-0.034	0.201	-0.235
50	C10B	-0.014	-0.048	0.034
50	C15B	-0.037	0.744	-0.781
50	C13B	-0.017	0.391	-0.408
50	C3B	-0.028	-0.054	0.026
50	C16B	-0.027	-0.026	-0.001
50	C35B	-0.030	0.320	-0.350
50	C47B	-0.036	-0.030	-0.006
50	C54B	-0.005	-0.013	0.008
50	C51B	-0.018	0.150	-0.168
50	C55B	-0.027	-0.064	0.037
	Max	0.024	0.744	0.055
	Average	-0.023	0.051	-0.073
	Min	-0.071	-0.100	-0.781
	Std Dev	0.016	0.177	0.179



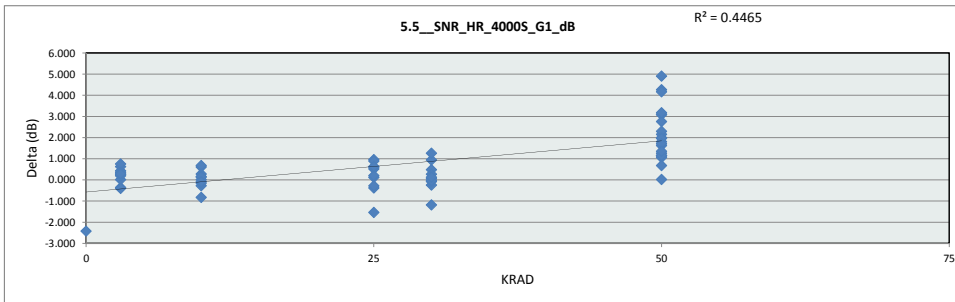
5.2_Offset_Error_HR_1000S		
Test Site	CLAB	
Tester	EAGLE3	
Test Number	EF651300	
Max Limit	750	mV
Min Limit	-750	mV

	KRAD	0	3	10	25	30	50
LL		-750.000	-750.000	-750.000	-750.000	-750.000	-750.000
Min		-0.039	-0.044	-0.042	-0.062	-0.041	-0.100
Average		-0.039	-0.023	-0.024	-0.027	-0.012	0.186
Max		-0.039	-0.006	-0.007	-0.007	0.019	0.744
UL		750.000	750.000	750.000	750.000	750.000	750.000

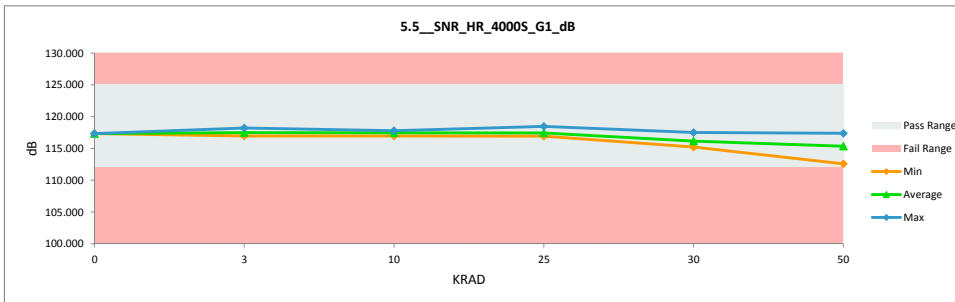


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

5.5_SNR_HR_4000S_G1_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	125	125		
Min Limit	112	112		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	114.908	117.332	-2.424
3	A142B	117.567	117.139	0.428
3	A141B	117.546	117.906	-0.360
3	B78B	117.566	117.555	0.011
3	C1B	118.148	117.528	0.620
3	C2B	118.096	117.347	0.749
3	A138UB	117.144	116.953	0.191
3	A140UB	118.077	117.826	0.251
3	B21UB	117.821	118.224	-0.403
3	C7UB	117.356	117.000	0.356
3	C31UB	117.667	117.388	0.279
10	A135B	117.011	117.289	-0.278
10	A137B	117.561	116.957	0.604
10	B64B	117.537	117.525	0.012
10	C29B	117.814	117.142	0.672
10	C30B	117.868	117.741	0.127
10	A133UB	117.332	117.487	-0.155
10	A132UB	116.960	117.791	-0.831
10	B75UB	117.742	117.468	0.274
10	C27UB	117.596	117.446	0.150
10	C25UB	117.545	117.636	-0.091
25	A131B	117.872	116.921	0.951
25	A130B	116.936	118.477	-1.541
25	B47B	117.604	117.091	0.513
25	C24B	118.050	117.447	0.603
25	C9B	117.273	117.154	0.119
25	A129UB	117.965	117.076	0.889
25	A128UB	117.613	117.411	0.202
25	A118UB	117.251	117.632	-0.381
25	C23UB	117.859	117.230	0.629
25	C22UB	117.637	117.921	-0.284
30	333B	116.363	116.610	-0.247
30	334B	115.924	115.443	0.481
30	335B	115.383	115.464	-0.081
30	336B	117.020	116.975	0.045
30	337B	115.474	115.209	0.265
30	322UB	116.409	115.473	0.936
30	329UB	115.292	116.481	-1.189
30	330UB	117.466	117.500	-0.034
30	331UB	117.231	115.975	1.256
30	332UB	116.559	116.433	0.126
50	A114B	118.723	114.460	4.263
50	A115B	117.180	115.921	1.259
50	A116B	117.123	114.025	3.098
50	A120B	117.761	114.681	3.080
50	A121B	117.211	116.065	1.146
50	A123B	116.846	114.699	2.147
50	A124B	117.087	115.282	1.805
50	A189B	117.794	116.657	1.137
50	A190B	117.473	112.573	4.900
50	B41B	117.893	115.142	2.751
50	B38B	117.200	115.579	1.621
50	C20B	117.611	116.557	1.054
50	C10B	117.691	115.700	1.991
50	C15B	117.660	114.493	3.167
50	C13B	117.529	115.238	2.291
50	C3B	117.642	113.480	4.162
50	C16B	117.273	116.598	0.675
50	C35B	117.108	115.150	1.958
50	C47B	117.391	117.374	0.017
50	C54B	117.742	116.593	1.149
50	C51B	117.118	115.418	1.700
50	C55B	117.392	116.045	1.347
	Max	118.723	118.477	4.900
	Average	117.309	116.513	0.796
	Min	114.908	112.573	-2.424
	Std Dev	0.706	1.238	1.335

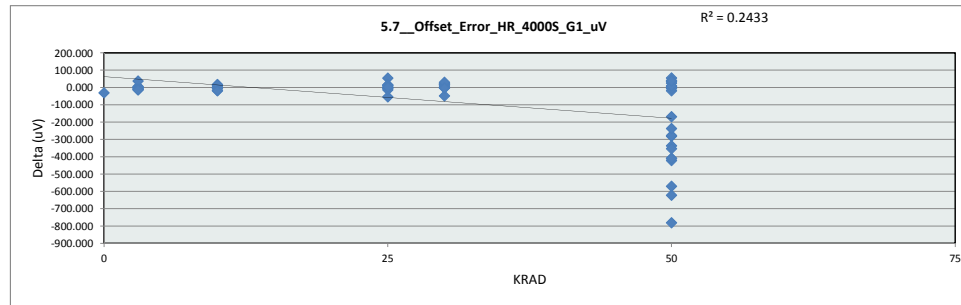


5.5_SNR_HR_4000S_G1_dB						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	125	dB				
Min Limit	112	dB				
KRAD	0	3	10	25	30	50
LL	112.000	112.000	112.000	112.000	112.000	112.000
Min	117.332	116.953	116.957	116.921	115.209	112.573
Average	117.332	117.487	117.448	117.436	116.156	115.351
Max	117.332	118.224	117.791	118.477	117.500	117.374
UL	125.000	125.000	125.000	125.000	125.000	125.000

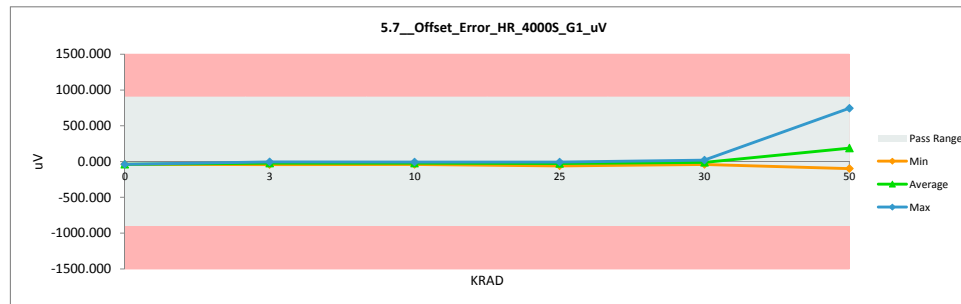


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

5.7_Offset_Error_HR_4000S_G				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	750	900		
Min Limit	-750	-900		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-70.234	-38.921	-31.313
3	A142B	-4.870	-5.796	0.926
3	A141B	-15.293	-16.323	1.030
3	B78B	-21.337	-21.708	0.371
3	C1B	-31.877	-26.262	-5.615
3	C2B	-25.630	-31.378	5.748
3	A138UB	-27.277	-16.488	-10.789
3	A140UB	-29.398	-27.615	-1.783
3	B21UB	-6.144	-43.737	37.593
3	C7UB	-16.575	-5.685	-10.890
3	C31UB	-44.277	-30.181	-14.096
10	A135B	-31.679	-32.980	1.301
10	A137B	-5.996	-6.596	0.600
10	B64B	-29.880	-29.331	-0.549
10	C29B	-11.601	-28.613	17.012
10	C30B	-29.571	-12.792	-16.779
10	A133UB	-20.714	-14.650	-6.064
10	A132UB	-29.233	-41.247	12.014
10	B75UB	-17.866	-16.873	-0.993
10	C27UB	-14.954	-29.817	14.863
10	C25UB	-40.910	-21.807	-19.103
25	A131B	-62.180	-8.135	-54.045
25	A130B	-7.122	-60.918	53.796
25	B47B	-6.317	-6.506	0.189
25	C24B	-21.708	-19.357	-2.351
25	C9B	-25.871	-21.877	-3.994
25	A129UB	-31.781	-17.925	-13.856
25	A128UB	-25.768	-35.571	9.803
25	A118UB	-12.429	-26.449	14.020
25	C23UB	-17.492	-31.289	13.797
25	C22UB	-35.514	-37.881	2.367
30	333B	-0.526	-2.498	1.972
30	334B	-18.824	-34.342	15.518
30	335B	-18.578	-41.085	22.507
30	336B	8.720	8.545	0.175
30	337B	-7.271	-8.975	1.704
30	322UB	-18.294	-38.309	20.015
30	329UB	-28.837	19.463	-48.300
30	330UB	24.795	9.714	15.081
30	331UB	10.470	-19.454	29.924
30	332UB	-14.190	-11.088	-3.102
50	A114B	-8.400	-15.605	7.205
50	A115B	-31.048	-12.293	-18.755
50	A116B	-44.174	-99.334	55.160
50	A120B	-40.819	-80.977	40.158
50	A121B	-25.064	256.255	-281.319
50	A123B	-9.094	399.528	-408.622
50	A124B	-42.281	294.323	-336.604
50	A189B	-19.096	258.640	-277.736
50	A190B	-26.121	595.569	-621.690
50	B41B	-25.164	545.119	-570.283
50	B38B	-28.792	392.561	-421.353
50	C20B	-33.501	203.608	-237.109
50	C10B	-14.272	-47.570	33.298
50	C15B	-36.847	743.999	-780.846
50	C13B	-17.011	393.002	-410.013
50	C3B	-27.690	-52.563	24.873
50	C16B	-25.871	-25.592	-0.279
50	C35B	-29.578	324.019	-353.597
50	C47B	-35.453	-29.672	-5.781
50	C54B	-4.041	-12.575	8.534
50	C51B	-18.106	150.562	-168.668
50	C55B	-26.307	-63.416	37.109
	Max	24.795	743.999	55.160
	Average	-22.266	51.347	-73.613
	Min	-70.234	-99.334	-780.846
	Std Dev	15.584	177.463	179.408



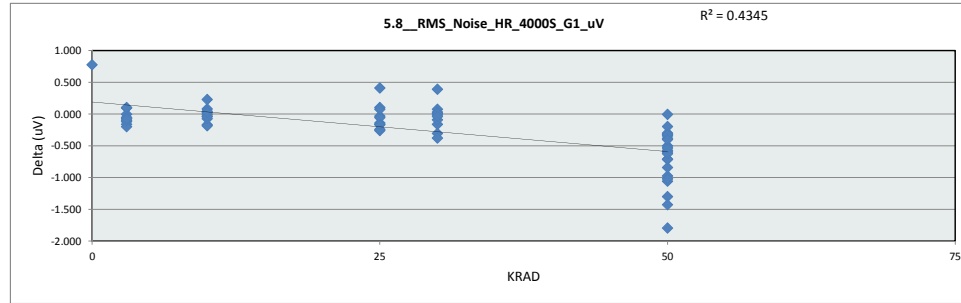
5.7_Offset_Error_HR_4000S						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	900	uV				
Min Limit	-900	uV				
KRAD	0	3	10	25	30	50
LL	-900.000	-900.000	-900.000	-900.000	-900.000	-900.000
Min	-38.921	-43.737	-41.247	-60.918	-41.085	-99.334
Average	-38.921	-22.517	-23.471	-26.591	-11.803	187.163
Max	-38.921	-5.685	-6.596	-6.506	19.463	743.999
UL	900.000	900.000	900.000	900.000	900.000	900.000



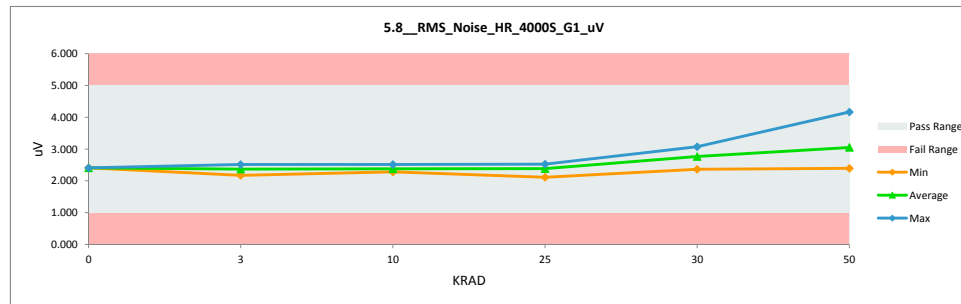
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

5.8_RMS_Noise_HR_4000S_G1		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	uV	uV
Max Limit	5	5
Min Limit	1	1

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	3.183	2.408	0.775
3	A142B	2.343	2.462	-0.119
3	A141B	2.349	2.254	0.095
3	B78B	2.344	2.347	-0.003
3	C1B	2.192	2.354	-0.162
3	C2B	2.205	2.404	-0.199
3	A138UB	2.461	2.515	-0.054
3	A140UB	2.210	2.275	-0.065
3	B21UB	2.276	2.173	0.103
3	C7UB	2.401	2.502	-0.101
3	C31UB	2.317	2.392	-0.075
10	A135B	2.499	2.420	0.079
10	A137B	2.345	2.514	-0.169
10	B64B	2.352	2.355	-0.003
10	C29B	2.278	2.461	-0.183
10	C30B	2.264	2.297	-0.033
10	A133UB	2.408	2.365	0.043
10	A132UB	2.513	2.284	0.229
10	B75UB	2.297	2.370	-0.073
10	C27UB	2.336	2.377	-0.041
10	C25UB	2.350	2.325	0.025
25	A131B	2.263	2.524	-0.261
25	A130B	2.520	2.111	0.409
25	B47B	2.334	2.475	-0.141
25	C24B	2.217	2.376	-0.159
25	C9B	2.424	2.458	-0.034
25	A129UB	2.239	2.480	-0.241
25	A128UB	2.331	2.386	-0.055
25	A118UB	2.430	2.326	0.104
25	C23UB	2.266	2.436	-0.170
25	C22UB	2.325	2.250	0.075
30	333B	2.692	2.617	0.075
30	334B	2.832	2.993	-0.161
30	335B	3.014	2.985	0.029
30	336B	2.496	2.509	-0.013
30	337B	2.982	3.074	-0.092
30	322UB	2.678	2.982	-0.304
30	329UB	3.045	2.656	0.389
30	330UB	2.371	2.362	0.009
30	331UB	2.436	2.815	-0.379
30	332UB	2.632	2.670	-0.038
50	A114B	2.051	3.351	-1.300
50	A115B	2.450	2.833	-0.383
50	A116B	2.467	3.524	-1.057
50	A120B	2.292	3.267	-0.975
50	A121B	2.442	2.786	-0.344
50	A123B	2.546	3.260	-0.714
50	A124B	2.477	3.049	-0.572
50	A189B	2.283	2.602	-0.319
50	A190B	2.369	4.165	-1.796
50	B41B	2.257	3.098	-0.841
50	B38B	2.445	2.946	-0.501
50	C20B	2.332	2.633	-0.301
50	C10B	2.310	2.906	-0.596
50	C15B	2.319	3.339	-1.020
50	C13B	2.354	3.064	-0.710
50	C3B	2.324	3.752	-1.428
50	C16B	2.424	2.620	-0.196
50	C35B	2.471	3.095	-0.624
50	C47B	2.391	2.396	-0.005
50	C54B	2.297	2.622	-0.325
50	C51B	2.468	3.002	-0.534
50	C55B	2.391	2.792	-0.401
	Max	3.183	4.165	0.775
	Average	2.422	2.674	-0.251
	Min	2.051	2.111	-1.796
	Std Dev	0.210	0.409	0.437



5.8_RMS_Noise_HR_4000S_G1							
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	5	uV					
Min Limit	1	uV					
	KRAD	0	3	10	25	30	50
LL		1.000	1.000	1.000	1.000	1.000	1.000
Min		2.408	2.173	2.284	2.111	2.362	2.396
Average		2.408	2.368	2.377	2.382	2.766	3.050
Max		2.408	2.515	2.514	2.524	3.074	4.165
UL		5.000	5.000	5.000	5.000	5.000	5.000



ADS1282-RHA

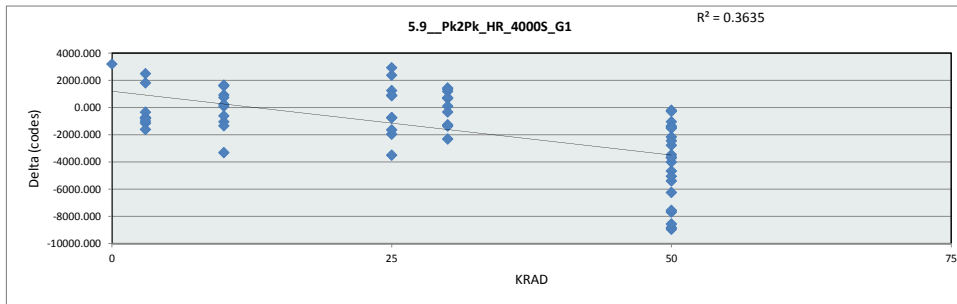
TID Report

TID HDR Report (3KRad - 50KRad)

All units passed SMD specification limits up to 50kRAD HDR

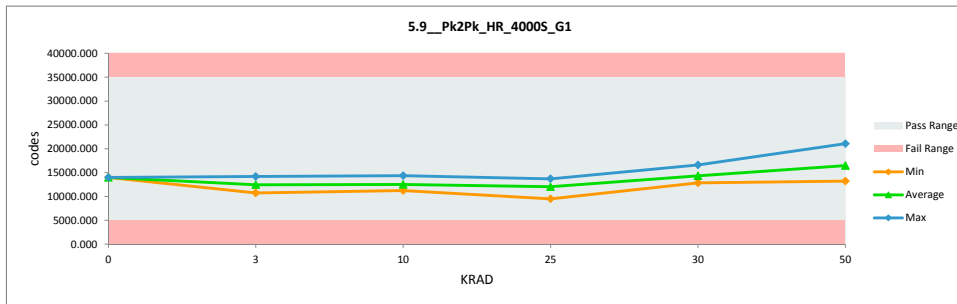
5.9_Pk2Pk_HR_4000S_G1		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	codes	codes
Max Limit	34893	34893
Min Limit	5000	5000

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	17189.000	13992.000	3197.000
3	A142B	12627.000	13364.000	-737.000
3	A141B	12904.000	11096.000	1808.000
3	B78B	12098.000	12440.000	-342.000
3	C1B	11388.000	12140.000	-752.000
3	C2B	10472.000	11623.000	-1151.000
3	A138UB	13216.000	13979.000	-763.000
3	A140UB	12032.000	12844.000	-812.000
3	B21UB	13238.000	10740.000	2498.000
3	C7UB	11153.000	12147.000	-994.000
3	C31UB	12584.000	14191.000	-1607.000
10	A135B	14359.000	13433.000	926.000
10	A137B	11632.000	12674.000	-1042.000
10	B64B	12729.000	12638.000	91.000
10	C29B	11049.000	14357.000	-3308.000
10	C30B	13200.000	11549.000	1651.000
10	A133UB	11651.000	12258.000	-607.000
10	A132UB	14092.000	12500.000	1592.000
10	B75UB	11238.000	12582.000	-1344.000
10	C27UB	12605.000	11866.000	739.000
10	C25UB	11475.000	11233.000	242.000
25	A131B	11951.000	12704.000	-753.000
25	A130B	11877.000	9502.000	2375.000
25	B47B	11654.000	13614.000	-1960.000
25	C24B	9856.000	10595.000	-739.000
25	C9B	12876.000	12001.000	875.000
25	A129UB	12054.000	13700.000	-1646.000
25	A128UB	14271.000	11347.000	2924.000
25	A118UB	13050.000	11803.000	1247.000
25	C23UB	10070.000	13575.000	-3505.000
25	C22UB	12540.000	11629.000	911.000
30	333B	14499.000	13826.000	673.000
30	334B	15843.000	14658.000	1185.000
30	335B	14291.000	16600.000	-2309.000
30	336B	15518.000	14787.000	731.000
30	337B	15234.000	15125.000	109.000
30	322UB	15286.000	13854.000	1432.000
30	329UB	15186.000	13847.000	1339.000
30	330UB	12626.000	13896.000	-1270.000
30	331UB	12349.000	13715.000	-1366.000
30	332UB	12510.000	12833.000	-323.000
50	A114B	10625.000	18314.000	-7689.000
50	A115B	11735.000	15199.000	-3464.000
50	A116B	13215.000	17874.000	-4659.000
50	A120B	11898.000	17287.000	-5389.000
50	A121B	13918.000	14968.000	-1050.000
50	A123B	13505.000	21058.000	-7553.000
50	A124B	12139.000	17186.000	-5047.000
50	A189B	9521.000	13524.000	-4003.000
50	A190B	11848.000	20793.000	-8945.000
50	B41B	11924.000	20750.000	-8826.000
50	B38B	12936.000	14371.000	-1435.000
50	C20B	13010.000	13210.000	-200.000
50	C10B	11075.000	13850.000	-2775.000
50	C15B	13573.000	19814.000	-6241.000
50	C13B	12431.000	13787.000	-1356.000
50	C3B	12043.000	20594.000	-8551.000
50	C16B	12876.000	15042.000	-2166.000
50	C35B	13233.000	16920.000	-3687.000
50	C47B	13072.000	13351.000	-279.000
50	C54B	12291.000	13821.000	-1530.000
50	C51B	11484.000	15148.000	-3664.000
50	C55B	12805.000	15247.000	-2442.000
	Max	17189.000	21058.000	3197.000
	Average	12660.778	14116.905	-1456.127
	Min	9521.000	9502.000	-8945.000
	Std Dev	1468.759	2603.637	2868.418



5.9_Pk2Pk_HR_4000S_G1		
Test Site	CLAB	
Tester	EAGLE3	
Test Number	EF651300	
Max Limit	34893	codes
Min Limit	5000	codes

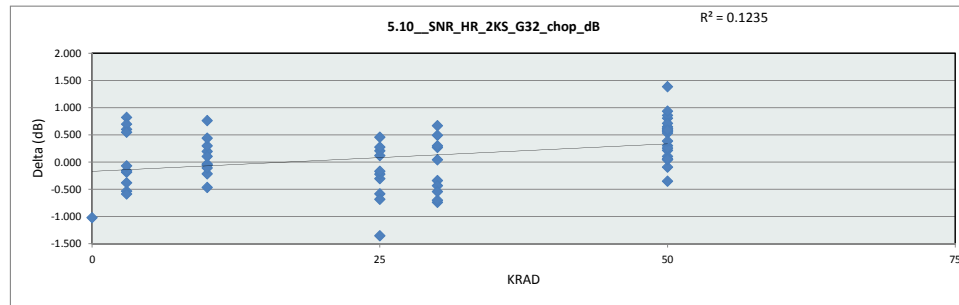
KRAD	0	3	10	25	30	50
LL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000
Min	13992.000	10740.000	11233.000	9502.000	12833.000	13210.000
Average	13992.000	12456.400	12509.000	12047.000	14314.100	16459.455
Max	13992.000	14191.000	14357.000	13700.000	16600.000	21058.000
UL	34893.000	34893.000	34893.000	34893.000	34893.000	34893.000



ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

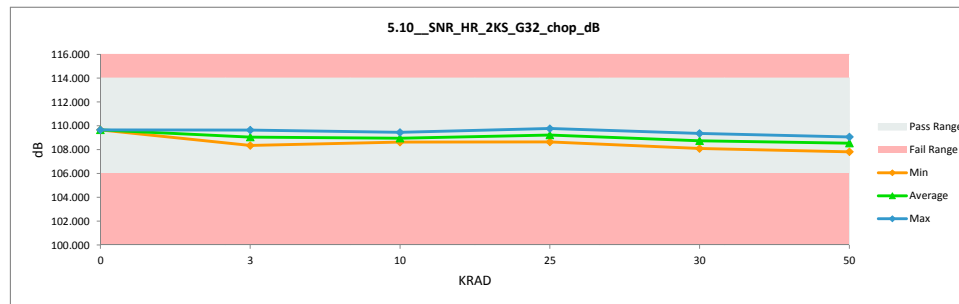
5.10_SNR_HR_2KS_G32_chop		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	dB	dB
Max Limit	114	114
Min Limit	106	106

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	108.638	109.660	-1.022
3	A142B	109.279	108.459	0.820
3	A141B	108.677	109.209	-0.532
3	B78B	109.373	108.772	0.601
3	C1B	108.950	109.138	-0.188
3	C2B	109.046	108.348	0.698
3	A138UB	109.490	109.650	-0.160
3	A140UB	109.704	109.156	0.548
3	B21UB	108.949	109.018	-0.069
3	C7UB	108.874	109.255	-0.381
3	C31UB	109.000	109.587	-0.587
10	A135B	109.237	109.452	-0.215
10	A137B	108.797	109.263	-0.466
10	B64B	108.828	108.866	-0.038
10	C29B	109.141	108.946	0.195
10	C30B	109.423	108.661	0.762
10	A133UB	108.950	109.008	-0.058
10	A132UB	109.100	108.802	0.298
10	B75UB	109.408	108.968	0.440
10	C27UB	109.117	109.014	0.103
10	C25UB	108.526	108.634	-0.108
25	A131B	109.330	109.635	-0.305
25	A130B	109.267	109.489	-0.222
25	B47B	109.374	109.542	-0.168
25	C24B	108.419	109.772	-1.353
25	C9B	108.636	109.219	-0.583
25	A129UB	108.833	108.715	0.118
25	A128UB	108.856	108.649	0.207
25	A118UB	109.461	109.186	0.275
25	C23UB	108.464	109.147	-0.683
25	C22UB	109.440	108.982	0.458
30	333B	108.532	109.270	-0.738
30	334B	108.613	108.344	0.269
30	335B	108.765	108.097	0.668
30	336B	108.804	109.144	-0.340
30	337B	108.221	108.653	-0.432
30	322UB	108.626	108.135	0.491
30	329UB	108.667	109.368	-0.701
30	330UB	108.985	108.941	0.044
30	331UB	109.071	108.772	0.299
30	332UB	108.197	108.740	-0.543
50	A114B	108.786	108.681	0.105
50	A115B	109.050	108.833	0.217
50	A116B	109.055	108.442	0.613
50	A120B	108.815	108.166	0.649
50	A121B	109.339	108.770	0.569
50	A123B	108.988	108.182	0.806
50	A124B	108.847	108.798	0.049
50	A189B	109.373	109.072	0.301
50	A190B	108.666	108.410	0.256
50	B41B	109.464	108.604	0.860
50	B38B	109.077	108.142	0.935
50	C20B	109.270	108.653	0.617
50	C10B	108.220	108.572	-0.352
50	C15B	109.142	108.570	0.572
50	C13B	108.739	108.831	-0.092
50	C3B	108.886	108.353	0.533
50	C16B	108.636	108.587	0.049
50	C35B	108.767	108.710	0.057
50	C47B	109.489	108.776	0.713
50	C54B	109.204	107.818	1.386
50	C51B	108.893	108.507	0.386
50	C55B	109.137	108.547	0.590
	Max	109.704	109.772	1.386
	Average	108.967	108.852	0.115
	Min	108.197	107.818	-1.353
	Std Dev	0.345	0.438	0.529



5.10_SNR_HR_2KS_G32_cho		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	dB	dB
Max Limit	114	114
Min Limit	106	106

KRAD	0	3	10	25	30	50
LL	106.000	106.000	106.000	106.000	106.000	106.000
Min	109.660	108.348	108.634	108.649	108.097	107.818
Average	109.660	109.059	108.961	109.234	108.746	108.547
Max	109.660	109.650	109.452	109.772	109.368	109.072
UL	114.000	114.000	114.000	114.000	114.000	114.000

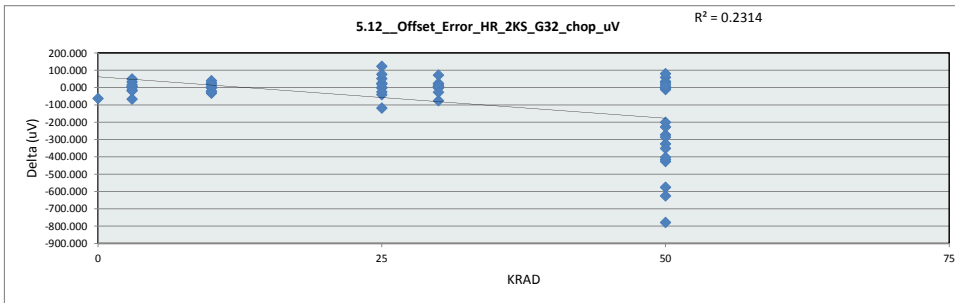


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

5.12\_Offset\_Error\_HR\_2KS\_G3

Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	uV	uV
Max Limit	750	900
Min Limit	-750	-900

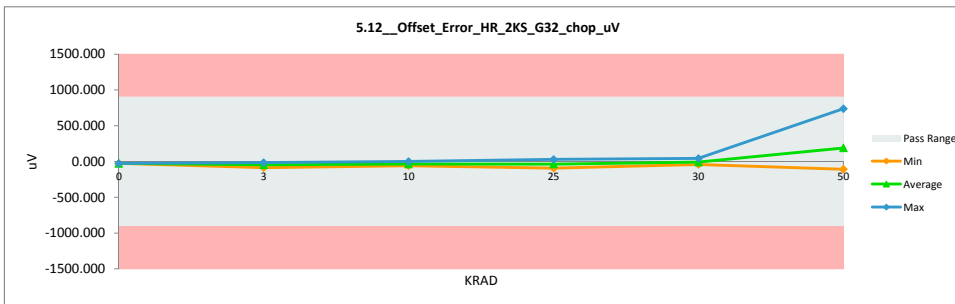
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-89.981	-26.255	-63.726
3	A142B	-83.080	-86.372	3.292
3	A141B	-20.462	-23.044	2.582
3	B78B	-43.275	-43.634	0.359
3	C1B	-32.083	-16.748	-15.335
3	C2B	-16.805	-32.883	16.078
3	A138UB	-50.937	-83.280	32.343
3	A140UB	-45.268	-52.536	7.268
3	B21UB	-16.685	-65.579	48.894
3	C7UB	-82.548	-15.408	-67.140
3	C31UB	-64.943	-46.161	-18.782
10	A135B	-57.867	-59.485	1.618
10	A137B	-53.361	-55.148	1.787
10	B64B	-38.876	-37.738	-1.138
10	C29B	5.354	-20.823	26.177
10	C30B	-21.175	0.621	-21.796
10	A133UB	-46.678	-13.903	-32.775
10	A132UB	-56.412	-33.973	-22.439
10	B75UB	-33.079	-32.501	-0.578
10	C27UB	-15.994	-55.184	39.190
10	C25UB	-31.733	-49.058	17.325
25	A131B	-89.385	29.549	-118.934
25	A130B	28.036	-93.821	121.857
25	B47B	-28.988	-29.537	0.549
25	C24B	-33.758	-31.451	-2.307
25	C9B	-19.138	-43.762	24.624
25	A129UB	-63.852	-22.406	-41.446
25	A128UB	-26.241	-0.980	-25.261
25	A118UB	-12.306	-32.140	19.834
25	C23UB	-17.641	-68.899	51.258
25	C22UB	-1.199	-77.439	76.240
30	333B	-4.586	-9.447	4.861
30	334B	-20.314	-31.257	10.943
30	335B	7.371	-14.292	21.663
30	336B	1.200	3.363	-2.163
30	337B	-22.969	-28.123	5.154
30	322UB	-16.812	-40.489	23.677
30	329UB	-33.739	42.808	-76.547
30	330UB	38.818	32.829	5.989
30	331UB	33.460	-38.392	71.852
30	332UB	-34.015	-6.324	-27.691
50	A114B	-31.119	-31.629	0.510
50	A115B	-21.686	-10.345	-11.341
50	A116B	-42.159	-101.144	58.985
50	A120B	-39.590	-74.290	34.700
50	A121B	-40.513	232.269	-272.782
50	A123B	35.258	451.459	-416.201
50	A124B	-59.733	266.239	-325.972
50	A189B	-17.441	269.188	-286.629
50	A190B	6.839	632.840	-626.001
50	B41B	4.983	581.173	-576.190
50	B38B	-15.852	411.465	-427.317
50	C20B	-40.432	187.680	-228.112
50	C10B	2.168	-28.726	30.894
50	C15B	-42.290	736.642	-778.932
50	C13B	-41.459	361.311	-402.770
50	C3B	-53.694	-72.124	18.430
50	C16B	-19.138	-17.732	-1.406
50	C35B	-30.808	320.741	-351.549
50	C47B	-44.874	-41.731	-3.143
50	C54B	8.585	1.860	6.725
50	C51B	-19.606	180.916	-200.522
50	C55B	-28.637	-108.094	79.457
	Max	38.818	736.642	121.857
	Average	-27.669	45.058	-72.727
	Min	-89.981	-108.094	-778.932
	Std Dev	28.199	185.780	183.069



5.12\_Offset\_Error\_HR\_2KS\_G32

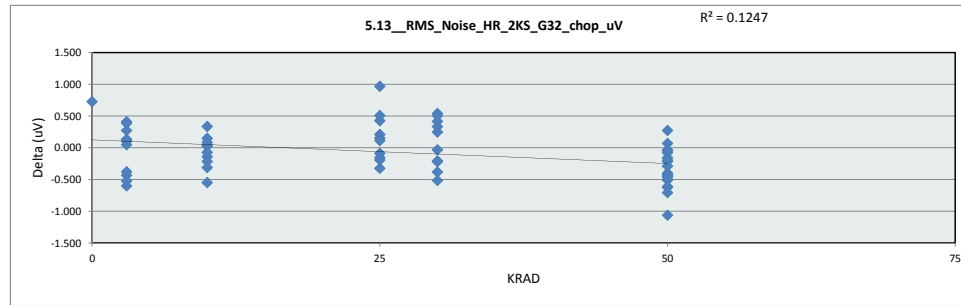
Test Site	CLAB
Tester	EAGLE3
Test Number	EF651300
Max Limit	900 uV
Min Limit	-900 uV

KRAD	0	3	10	25	30	50
LL	-900.000	-900.000	-900.000	-900.000	-900.000	-900.000
Min	-26.255	-86.372	-59.485	-93.821	-40.489	-108.094
Average	-26.255	-46.565	-35.719	-37.089	-8.932	188.544
Max	-26.255	-15.408	0.621	29.549	42.808	736.642
UL	900.000	900.000	900.000	900.000	900.000	900.000

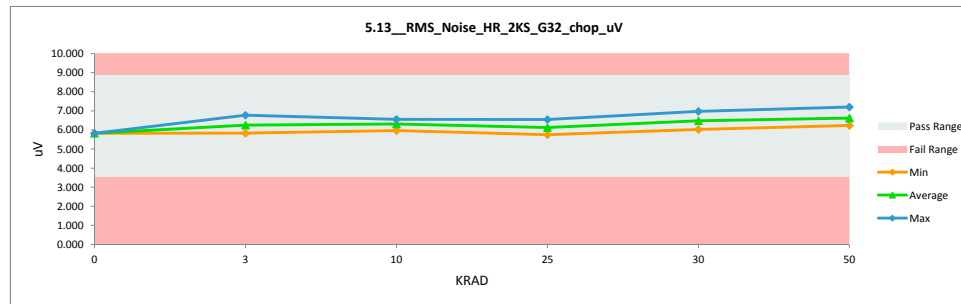


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

5.13_RMS_Noise_HR_2KS_G32				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	8.856	8.856		
Min Limit	3.526	3.526		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	6.551	5.824	0.727
3	A142B	6.085	6.687	-0.602
3	A141B	6.522	6.135	0.387
3	B78B	6.019	6.451	-0.432
3	C1B	6.320	6.185	0.135
3	C2B	6.251	6.773	-0.522
3	A138UB	5.939	5.831	0.108
3	A140UB	5.794	6.172	-0.378
3	B21UB	6.321	6.271	0.050
3	C7UB	6.376	6.102	0.274
3	C31UB	6.284	5.873	0.411
10	A135B	6.115	5.965	0.150
10	A137B	6.433	6.096	0.337
10	B64B	6.409	6.381	0.028
10	C29B	6.183	6.323	-0.140
10	C30B	5.985	6.534	-0.549
10	A133UB	6.320	6.278	0.042
10	A132UB	6.212	6.428	-0.216
10	B75UB	5.995	6.307	-0.312
10	C27UB	6.200	6.273	-0.073
10	C25UB	6.637	6.554	0.083
25	A131B	6.050	5.841	0.209
25	A130B	6.094	5.940	0.154
25	B47B	6.019	5.904	0.115
25	C24B	6.718	5.749	0.969
25	C9B	6.553	6.127	0.426
25	A129UB	6.406	6.494	-0.088
25	A128UB	6.389	6.543	-0.154
25	A118UB	5.959	6.151	-0.192
25	C23UB	6.684	6.178	0.506
25	C22UB	5.973	6.297	-0.324
30	333B	6.631	6.091	0.540
30	334B	6.570	6.777	-0.207
30	335B	6.456	6.972	-0.516
30	336B	6.428	6.180	0.248
30	337B	6.873	6.540	0.333
30	322UB	6.561	6.942	-0.381
30	329UB	6.529	6.023	0.506
30	330UB	6.294	6.327	-0.033
30	331UB	6.233	6.451	-0.218
30	332UB	6.892	6.475	0.417
50	A114B	6.441	6.519	-0.078
50	A115B	6.248	6.406	-0.158
50	A116B	6.244	6.701	-0.457
50	A120B	6.419	6.917	-0.498
50	A121B	6.044	6.452	-0.408
50	A123B	6.293	6.904	-0.611
50	A124B	6.396	6.432	-0.036
50	A189B	6.019	6.232	-0.213
50	A190B	6.530	6.726	-0.196
50	B41B	5.957	6.577	-0.620
50	B38B	6.229	6.936	-0.707
50	C20B	6.091	6.540	-0.449
50	C10B	6.874	6.601	0.273
50	C15B	6.182	6.602	-0.420
50	C13B	6.475	6.407	0.068
50	C3B	6.367	6.770	-0.403
50	C16B	6.553	6.590	-0.037
50	C35B	6.455	6.497	-0.042
50	C47B	5.940	6.448	-0.508
50	C54B	6.138	7.200	-1.062
50	C51B	6.362	6.651	-0.289
50	C55B	6.186	6.620	-0.434
	Max	6.892	7.200	0.969
	Average	6.313	6.400	-0.087
	Min	5.794	5.749	-1.062
	Std Dev	0.251	0.322	0.389



5.13_RMS_Noise_HR_2KS_G32						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	8.856	uV				
Min Limit	3.526	uV				
KRAD	0	3	10	25	30	50
LL	3.526	3.526	3.526	3.526	3.526	3.526
Min	5.824	5.831	5.965	5.749	6.023	6.232
Average	5.824	6.248	6.314	6.122	6.478	6.624
Max	5.824	6.773	6.554	6.543	6.972	7.200
UL	8.856	8.856	8.856	8.856	8.856	8.856



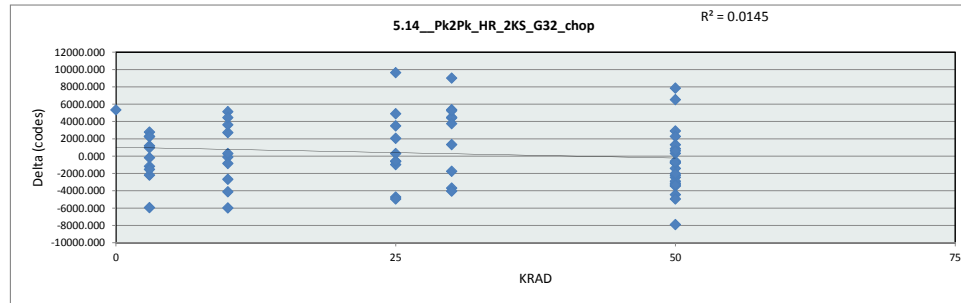
ADS1282-RHA

TID Report

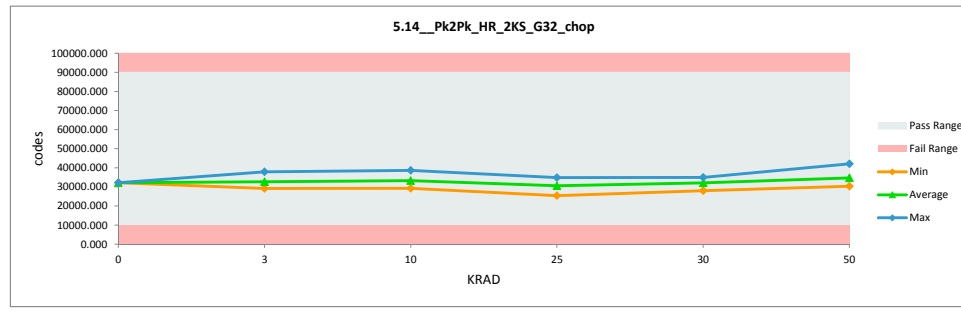
TID HDR Report (3KRad - 50KRad)

All units passed SMD specification limits up to 50kRAD HDR

5.14_Pk2Pk_HR_2KS_G32_cho				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	codes	codes		
Max Limit	90000	90000		
Min Limit	10000	10000		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	37541.000	32204.000	5337.000
3	A142B	31924.000	29164.000	2760.000
3	A141B	35703.000	33448.000	2255.000
3	B78B	31288.000	33498.000	-2210.000
3	C1B	29917.000	31103.000	-1186.000
3	C2B	33009.000	30767.000	2242.000
3	A138UB	29620.000	31156.000	-1536.000
3	A140UB	32541.000	31360.000	1181.000
3	B21UB	34852.000	33895.000	957.000
3	C7UB	34608.000	34810.000	-202.000
3	C31UB	31918.000	37880.000	-5962.000
10	A135B	32698.000	29990.000	2708.000
10	A137B	34402.000	29272.000	5130.000
10	B64B	33096.000	35786.000	-2690.000
10	C29B	32068.000	32181.000	-113.000
10	C30B	29522.000	35520.000	-5998.000
10	A133UB	34550.000	38669.000	-4119.000
10	A132UB	37141.000	33533.000	3608.000
10	B75UB	32296.000	33145.000	-849.000
10	C27UB	36208.000	31774.000	4434.000
10	C25UB	33460.000	33176.000	284.000
25	A131B	29895.000	27845.000	2050.000
25	A130B	29695.000	34439.000	-4744.000
25	B47B	32083.000	32694.000	-611.000
25	C24B	34997.000	25366.000	9631.000
25	C9B	32461.000	27583.000	4878.000
25	A129UB	29909.000	34860.000	-4951.000
25	A128UB	31951.000	32934.000	-983.000
25	A118UB	32821.000	29344.000	3477.000
25	C23UB	30924.000	30637.000	287.000
25	C22UB	29964.000	30568.000	-604.000
30	333B	35816.000	31406.000	4410.000
30	334B	37284.000	31928.000	5356.000
30	335B	34421.000	33102.000	1319.000
30	336B	29121.000	32822.000	-3701.000
30	337B	36169.000	31684.000	4485.000
30	322UB	33217.000	34979.000	-1762.000
30	329UB	34184.000	30447.000	3737.000
30	330UB	36979.000	27977.000	9002.000
30	331UB	30622.000	34679.000	-4057.000
30	332UB	37292.000	32063.000	5229.000
50	A114B	34376.000	34062.000	314.000
50	A115B	42633.000	34799.000	7834.000
50	A116B	38894.000	41361.000	-2467.000
50	A120B	30604.000	33751.000	-3147.000
50	A121B	30699.000	32131.000	-1432.000
50	A123B	35732.000	34892.000	840.000
50	A124B	32624.000	31316.000	1308.000
50	A189B	29777.000	30370.000	-593.000
50	A190B	34605.000	31713.000	2892.000
50	B41B	29885.000	33349.000	-3464.000
50	B38B	37952.000	35688.000	2264.000
50	C20B	32109.000	32917.000	-808.000
50	C10B	42325.000	35820.000	6505.000
50	C15B	32021.000	34926.000	-2905.000
50	C13B	31510.000	35964.000	-4454.000
50	C3B	31479.000	33695.000	-2216.000
50	C16B	32461.000	34509.000	-2048.000
50	C35B	34218.000	37557.000	-3339.000
50	C47B	32218.000	32952.000	-734.000
50	C54B	34164.000	42086.000	-7922.000
50	C51B	35301.000	34696.000	605.000
50	C55B	29565.000	34524.000	-4959.000
	Max	42633.000	42086.000	9631.000
	Average	33386.016	33059.778	326.238
	Min	29121.000	25366.000	-7922.000
	Std Dev	2979.806	2975.799	3827.191



5.14_Pk2Pk_HR_2KS_G32_ch						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	90000	codes				
Min Limit	10000	codes				
KRAD	0	3	10	25	30	50
LL	10000.000	10000.000	10000.000	10000.000	10000.000	10000.000
Min	32204.000	29164.000	29272.000	25366.000	27977.000	30370.000
Average	32204.000	32708.100	33304.600	30627.000	32108.700	34685.364
Max	32204.000	37880.000	38669.000	34860.000	34979.000	42086.000
UL	90000.000	90000.000	90000.000	90000.000	90000.000	90000.000



ADS1282-RHA

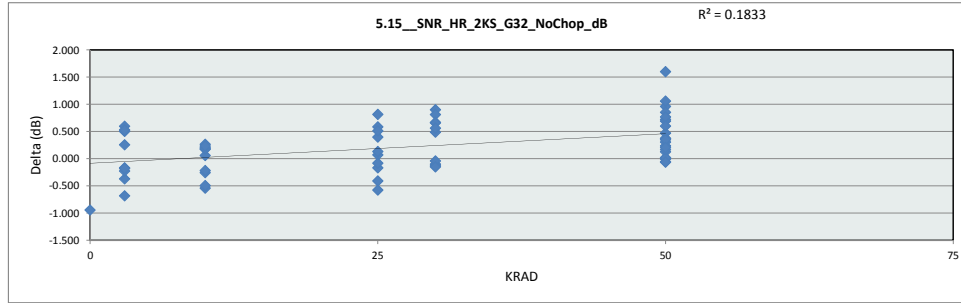
TID Report

TID HDR Report (3KRad - 50KRad)

All units passed SMD specification limits up to 50kRAD HDR

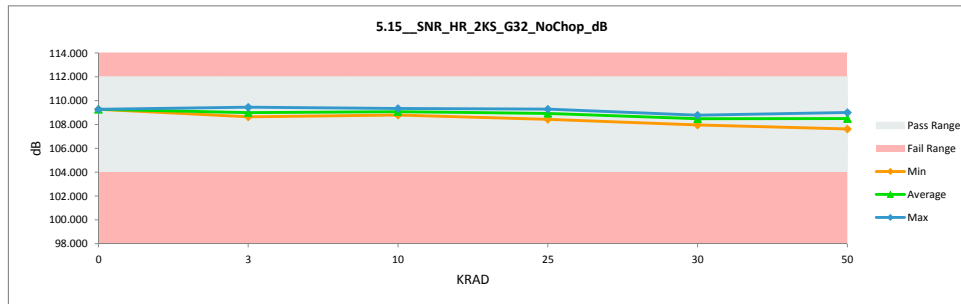
5.15_SNR_HR_2KS_G32_NoChop		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	dB	dB
Max Limit	112	112
Min Limit	104	104

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	108.329	109.272	-0.943
3	A142B	109.075	109.447	-0.372
3	A141B	109.339	108.831	0.508
3	B78B	108.728	109.412	-0.684
3	C1B	109.373	108.871	0.502
3	C2B	108.537	108.765	-0.228
3	A138UB	109.402	108.804	0.598
3	A140UB	109.172	108.644	0.528
3	B21UB	108.887	109.056	-0.169
3	C7UB	109.274	109.017	0.257
3	C31UB	108.976	109.155	-0.179
10	A135B	109.364	109.192	0.172
10	A137B	109.404	109.344	0.060
10	B64B	109.245	109.041	0.204
10	C29B	109.140	108.875	0.265
10	C30B	109.091	108.908	0.183
10	A133UB	108.802	109.342	-0.540
10	A132UB	108.434	108.928	-0.494
10	B75UB	109.089	109.344	-0.255
10	C27UB	108.825	109.044	-0.219
10	C25UB	109.022	108.791	0.231
25	A131B	109.381	108.796	0.585
25	A130B	109.089	108.691	0.398
25	B47B	109.020	109.188	-0.168
25	C24B	109.247	108.433	0.814
25	C9B	108.772	109.180	-0.408
25	A129UB	108.841	108.770	0.071
25	A128UB	109.242	108.732	0.510
25	A118UB	108.950	109.033	-0.083
25	C23UB	108.633	109.210	-0.577
25	C22UB	109.416	109.285	0.131
30	333B	109.063	108.163	0.900
30	334B	108.676	108.776	-0.100
30	335B	108.052	108.184	-0.132
30	336B	108.940	108.452	0.488
30	337B	108.657	108.699	-0.042
30	322UB	108.769	107.959	0.810
30	329UB	109.364	108.698	0.666
30	330UB	109.153	108.496	0.657
30	331UB	109.211	108.649	0.562
30	332UB	108.598	108.748	-0.150
50	A114B	109.043	108.917	0.126
50	A115B	109.590	108.630	0.960
50	A116B	108.943	108.708	0.235
50	A120B	109.102	108.248	0.854
50	A121B	109.356	108.664	0.692
50	A123B	108.482	108.541	-0.059
50	A124B	108.637	108.624	0.013
50	A189B	108.804	108.810	-0.006
50	A190B	108.531	107.810	0.721
50	B41B	108.960	108.489	0.471
50	B38B	109.533	108.476	1.057
50	C20B	109.223	107.623	1.600
50	C10B	108.796	108.780	0.016
50	C15B	109.381	109.008	0.373
50	C13B	108.681	107.913	0.768
50	C3B	108.797	108.196	0.601
50	C16B	108.772	108.833	-0.061
50	C35B	108.810	108.504	0.306
50	C47B	108.870	108.704	0.166
50	C54B	108.904	108.533	0.371
50	C51B	108.742	108.392	0.350
50	C55B	108.775	108.568	0.207
	Max	109.590	109.447	1.600
	Average	108.973	108.749	0.224
	Min	108.052	107.623	-0.943
	Std Dev	0.318	0.393	0.468



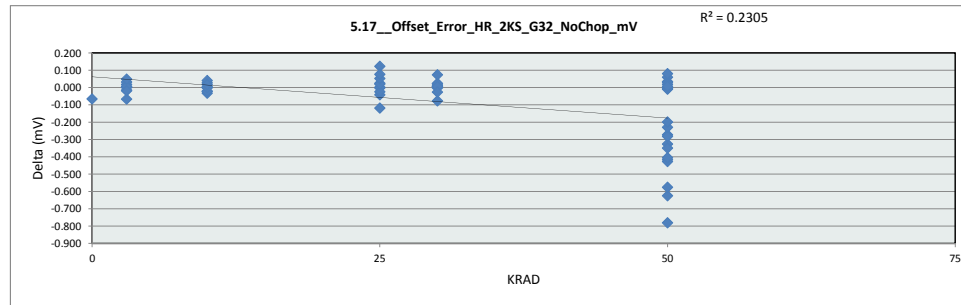
5.15_SNR_HR_2KS_G32_NoChop		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	dB	dB
Max Limit	112	112
Min Limit	104	104

KRAD	0	3	10	25	30	50
LL	104.000	104.000	104.000	104.000	104.000	104.000
Min	109.272	108.644	108.791	108.433	107.959	107.623
Average	109.272	109.000	109.081	108.932	108.482	108.499
Max	109.272	109.447	109.344	109.285	108.776	109.008
UL	112.000	112.000	112.000	112.000	112.000	112.000

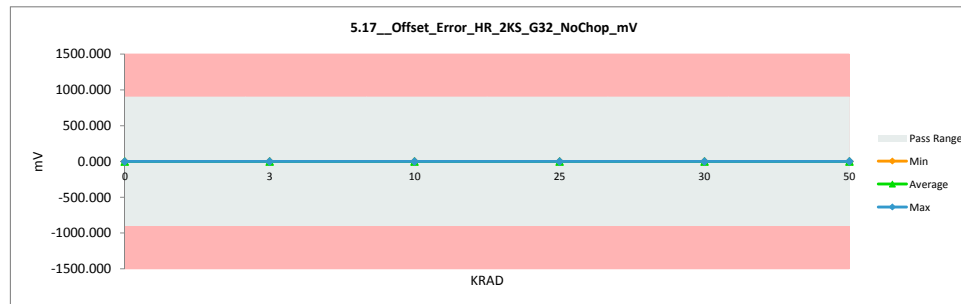


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

5.17_Offset_Error_HR_2KS_G3				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mV	mV		
Max Limit	750	900		
Min Limit	-750	-900		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.091	-0.025	-0.066
3	A142B	-0.084	-0.086	0.002
3	A141B	-0.021	-0.023	0.002
3	B78B	-0.044	-0.044	0.000
3	C1B	-0.032	-0.017	-0.015
3	C2B	-0.015	-0.033	0.018
3	A138UB	-0.051	-0.083	0.032
3	A140UB	-0.045	-0.052	0.007
3	B21UB	-0.017	-0.065	0.048
3	C7UB	-0.083	-0.016	-0.067
3	C31UB	-0.065	-0.046	-0.019
10	A135B	-0.057	-0.059	0.002
10	A137B	-0.053	-0.055	0.002
10	B64B	-0.038	-0.037	-0.001
10	C29B	0.006	-0.021	0.027
10	C30B	-0.021	0.001	-0.022
10	A133UB	-0.047	-0.014	-0.033
10	A132UB	-0.056	-0.034	-0.022
10	B75UB	-0.033	-0.032	-0.001
10	C27UB	-0.016	-0.056	0.040
10	C25UB	-0.032	-0.049	0.017
25	A131B	-0.089	0.030	-0.119
25	A130B	0.028	-0.094	0.122
25	B47B	-0.029	-0.030	0.001
25	C24B	-0.034	-0.032	-0.002
25	C9B	-0.020	-0.044	0.024
25	A129UB	-0.064	-0.022	-0.042
25	A128UB	-0.026	-0.001	-0.025
25	A118UB	-0.012	-0.032	0.020
25	C23UB	-0.018	-0.070	0.052
25	C22UB	-0.001	-0.077	0.076
30	333B	-0.004	-0.010	0.006
30	334B	-0.019	-0.032	0.013
30	335B	0.007	-0.015	0.022
30	336B	0.002	0.004	-0.002
30	337B	-0.023	-0.028	0.005
30	322UB	-0.017	-0.040	0.023
30	329UB	-0.034	0.043	-0.077
30	330UB	0.039	0.033	0.006
30	331UB	0.034	-0.039	0.073
30	332UB	-0.033	-0.007	-0.026
50	A114B	-0.031	-0.031	0.000
50	A115B	-0.021	-0.011	-0.010
50	A116B	-0.043	-0.102	0.059
50	A120B	-0.040	-0.074	0.034
50	A121B	-0.040	0.233	-0.273
50	A123B	0.036	0.452	-0.416
50	A124B	-0.060	0.267	-0.327
50	A189B	-0.017	0.265	-0.282
50	A190B	0.007	0.632	-0.625
50	B41B	0.005	0.581	-0.576
50	B38B	-0.016	0.411	-0.427
50	C20B	-0.040	0.190	-0.230
50	C10B	0.002	-0.029	0.031
50	C15B	-0.042	0.739	-0.781
50	C13B	-0.042	0.363	-0.405
50	C3B	-0.054	-0.073	0.019
50	C16B	-0.020	-0.019	-0.001
50	C35B	-0.030	0.320	-0.350
50	C47B	-0.045	-0.041	-0.004
50	C54B	0.009	0.002	0.007
50	C51B	-0.020	0.179	-0.199
50	C55B	-0.029	-0.109	0.080
	Max	0.039	0.739	0.122
	Average	-0.028	0.045	-0.073
	Min	-0.091	-0.109	-0.781
	Std Dev	0.028	0.186	0.183



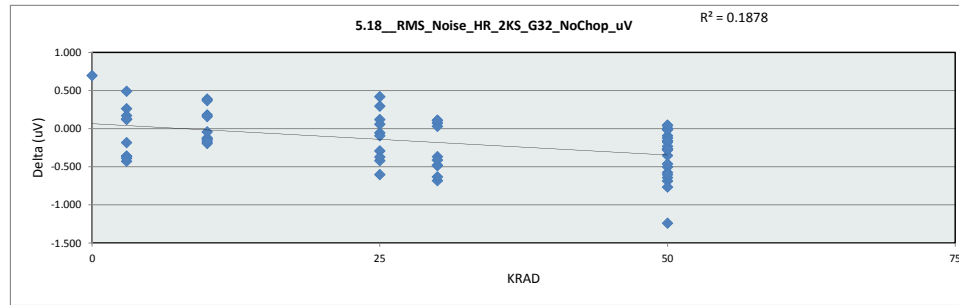
5.17_Offset_Error_HR_2KS_G32_NoChop_mV						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	900	mV				
Min Limit	-900	mV				
KRAD	0	3	10	25	30	50
LL	-900.000	-900.000	-900.000	-900.000	-900.000	-900.000
Min	-0.025	-0.086	-0.059	-0.094	-0.040	-0.109
Average	-0.025	-0.047	-0.036	-0.037	-0.009	0.188
Max	-0.025	-0.016	0.001	0.030	0.043	0.739
UL	900.000	900.000	900.000	900.000	900.000	900.000



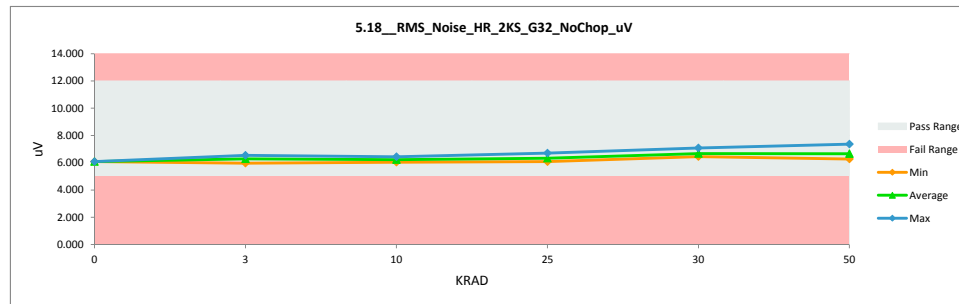
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

5.18_RMS_Noise_HR_2KS_G32		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	uV	uV
Max Limit	12	12
Min Limit	5	5

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	6.788	6.090	0.698
3	A142B	6.230	5.968	0.262
3	A141B	6.043	6.407	-0.364
3	B78B	6.484	5.993	0.491
3	C1B	6.020	6.378	-0.358
3	C2B	6.628	6.456	0.172
3	A138UB	6.000	6.427	-0.427
3	A140UB	6.160	6.547	-0.387
3	B21UB	6.366	6.243	0.123
3	C7UB	6.089	6.271	-0.182
3	C31UB	6.301	6.173	0.128
10	A135B	6.026	6.147	-0.121
10	A137B	5.998	6.040	-0.042
10	B64B	6.109	6.254	-0.145
10	C29B	6.183	6.375	-0.192
10	C30B	6.218	6.351	-0.133
10	A133UB	6.429	6.041	0.388
10	A132UB	6.707	6.336	0.371
10	B75UB	6.220	6.039	0.181
10	C27UB	6.412	6.252	0.160
10	C25UB	6.268	6.437	-0.169
25	A131B	6.014	6.433	-0.419
25	A130B	6.220	6.511	-0.291
25	B47B	6.269	6.149	0.120
25	C24B	6.107	6.708	-0.601
25	C9B	6.451	6.155	0.296
25	A129UB	6.400	6.453	-0.053
25	A128UB	6.111	6.481	-0.370
25	A118UB	6.320	6.260	0.060
25	C23UB	6.555	6.134	0.421
25	C22UB	5.990	6.081	-0.091
30	333B	6.238	6.919	-0.681
30	334B	6.523	6.448	0.075
30	335B	7.009	6.902	0.107
30	336B	6.327	6.693	-0.366
30	337B	6.537	6.505	0.032
30	322UB	6.453	7.084	-0.631
30	329UB	6.026	6.506	-0.480
30	330UB	6.174	6.659	-0.485
30	331UB	6.133	6.543	-0.410
30	332UB	6.581	6.469	0.112
50	A114B	6.253	6.344	-0.091
50	A115B	5.871	6.557	-0.686
50	A116B	6.325	6.499	-0.174
50	A120B	6.211	6.852	-0.641
50	A121B	6.032	6.532	-0.500
50	A123B	6.670	6.625	0.045
50	A124B	6.552	6.562	-0.010
50	A189B	6.427	6.423	0.004
50	A190B	6.633	7.207	-0.574
50	B41B	6.313	6.665	-0.352
50	B38B	5.909	6.674	-0.765
50	C20B	6.124	7.364	-1.240
50	C10B	6.433	6.445	-0.012
50	C15B	6.014	6.278	-0.264
50	C13B	6.519	7.121	-0.602
50	C3B	6.432	6.893	-0.461
50	C16B	6.451	6.406	0.045
50	C35B	6.423	6.653	-0.230
50	C47B	6.379	6.501	-0.122
50	C54B	6.353	6.631	-0.278
50	C51B	6.473	6.740	-0.267
50	C55B	6.449	6.605	-0.156
	Max	7.009	7.364	0.698
	Average	6.307	6.475	-0.167
	Min	5.871	5.968	-1.240
	Std Dev	0.232	0.297	0.349

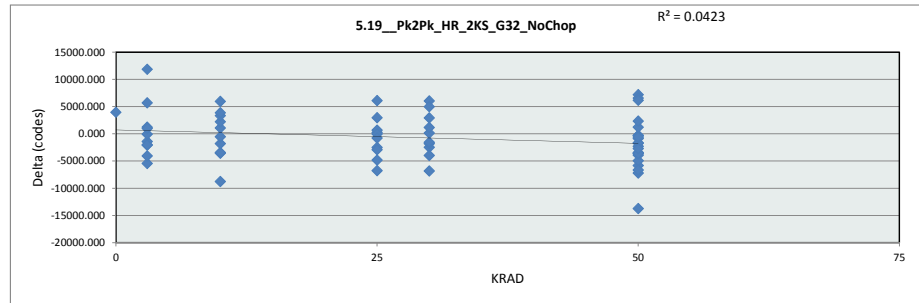


5.18_RMS_Noise_HR_2KS_G32						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	12			uV		
Min Limit	5			uV		
KRAD	0	3	10	25	30	50
LL	5.000	5.000	5.000	5.000	5.000	5.000
Min	6.090	5.968	6.039	6.081	6.448	6.278
Average	6.090	6.286	6.227	6.337	6.673	6.663
Max	6.090	6.547	6.437	6.708	7.084	7.364
UL	12.000	12.000	12.000	12.000	12.000	12.000

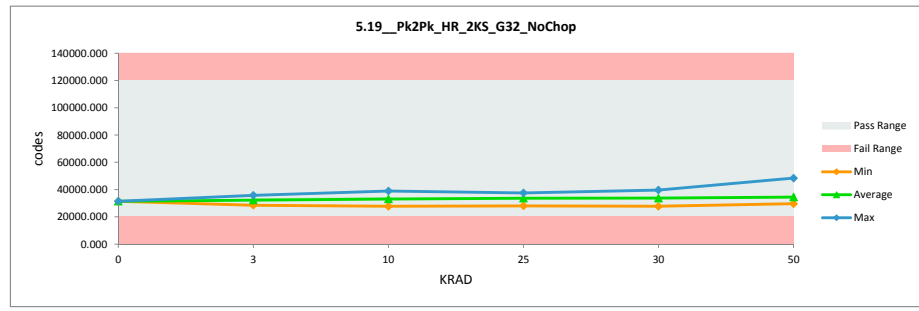


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

5.19_Pk2Pk_HR_2KS_G32_NoChop				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	codes	codes		
Max Limit	120000	120000		
Min Limit	20000	20000		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	35420.000	31460.000	3960.000
3	A142B	42070.000	30214.000	11856.000
3	A141B	30881.000	29657.000	1224.000
3	B78B	31768.000	33209.000	-1441.000
3	C1B	31409.000	33472.000	-2063.000
3	C2B	34170.000	28499.000	5671.000
3	A138UB	32437.000	34498.000	-2061.000
3	A140UB	30294.000	35764.000	-5470.000
3	B21UB	31915.000	31989.000	-74.000
3	C7UB	29789.000	33869.000	-4080.000
3	C31UB	32655.000	31690.000	965.000
10	A135B	28069.000	31645.000	-3576.000
10	A137B	38040.000	36972.000	1068.000
10	B64B	33656.000	27716.000	5940.000
10	C29B	30250.000	33710.000	-3460.000
10	C30B	30146.000	38923.000	-8777.000
10	A133UB	30609.000	32433.000	-1824.000
10	A132UB	32054.000	32616.000	-562.000
10	B75UB	30661.000	28441.000	2220.000
10	C27UB	34421.000	31093.000	3328.000
10	C25UB	40610.000	36741.000	3869.000
25	A131B	32860.000	32657.000	203.000
25	A130B	30564.000	37343.000	-6779.000
25	B47B	32660.000	37488.000	-4828.000
25	C24B	33092.000	32424.000	668.000
25	C9B	32110.000	34629.000	-2519.000
25	A129UB	34637.000	31680.000	2957.000
25	A128UB	31297.000	34213.000	-2916.000
25	A118UB	34139.000	28058.000	6081.000
25	C23UB	34769.000	34804.000	-35.000
25	C22UB	32474.000	33269.000	-795.000
30	333B	35552.000	38033.000	-2481.000
30	334B	36793.000	33861.000	2932.000
30	335B	34441.000	34326.000	115.000
30	336B	32978.000	34776.000	-1798.000
30	337B	36561.000	30516.000	6045.000
30	322UB	32820.000	39656.000	-6836.000
30	329UB	29504.000	31091.000	-1587.000
30	330UB	35120.000	33962.000	1158.000
30	331UB	29226.000	33204.000	-3978.000
30	332UB	32702.000	27714.000	4988.000
50	A114B	31685.000	35146.000	-3461.000
50	A115B	25736.000	32969.000	-7233.000
50	A116B	36790.000	29607.000	7183.000
50	A120B	32672.000	34991.000	-2319.000
50	A121B	30553.000	36386.000	-5833.000
50	A123B	31990.000	32307.000	-317.000
50	A124B	37062.000	30493.000	6569.000
50	A189B	29744.000	33335.000	-3591.000
50	A190B	36853.000	37730.000	-877.000
50	B41B	30071.000	33986.000	-3915.000
50	B38B	27369.000	32339.000	-4970.000
50	C20B	30532.000	34178.000	-3646.000
50	C10B	35562.000	37256.000	-1694.000
50	C15B	29392.000	29708.000	-316.000
50	C13B	30853.000	32584.000	-1731.000
50	C3B	34394.000	41041.000	-6647.000
50	C16B	32110.000	32711.000	-601.000
50	C35B	34667.000	48397.000	-13730.000
50	C47B	33079.000	31869.000	1210.000
50	C54B	32968.000	35702.000	-2734.000
50	C51B	35025.000	32705.000	2320.000
50	C55B	38488.000	32327.000	6161.000
	Max	42070.000	48397.000	11856.000
	Average	32908.222	33588.603	-680.381
	Min	25736.000	27714.000	-13730.000
	Std Dev	3023.392	3464.378	4445.518

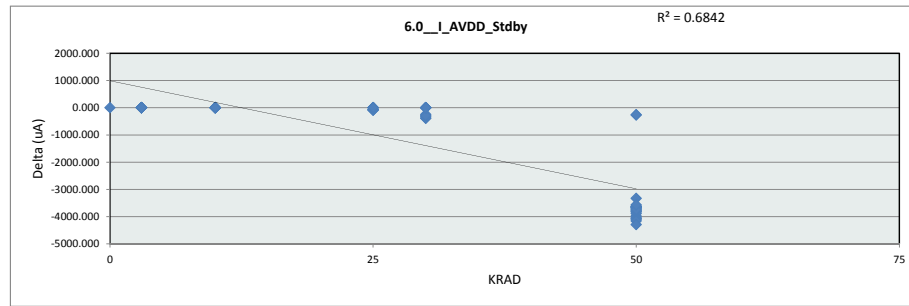


5.19_Pk2Pk_HR_2KS_G32_NoChop						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	120000	codes				
Min Limit	20000	codes				
KRAD	0	3	10	25	30	50
LL	20000.000	20000.000	20000.000	20000.000	20000.000	20000.000
Min	31460.000	28499.000	27716.000	28058.000	27714.000	29607.000
Average	31460.000	32286.100	33029.000	33656.500	33713.900	34443.955
Max	31460.000	35764.000	38923.000	37488.000	39656.000	48397.000
UL	120000.000	120000.000	120000.000	120000.000	120000.000	120000.000

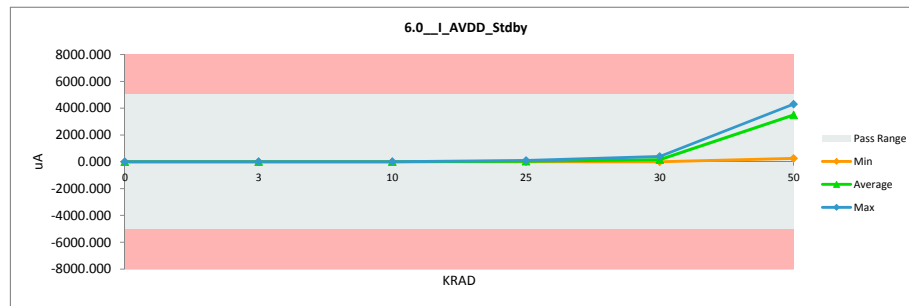


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		6.0_I_AVDD_Stdby		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	5000	5000		
Min Limit	-5000	-5000		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.255	0.235	0.020
3	A142B	0.186	0.218	-0.032
3	A141B	0.168	0.209	-0.041
3	B78B	0.217	0.204	0.013
3	C1B	0.229	0.190	0.039
3	C2B	0.204	0.200	0.004
3	A138UB	0.169	0.220	-0.051
3	A140UB	0.173	0.223	-0.050
3	B21UB	0.181	0.213	-0.032
3	C7UB	0.192	0.193	-0.001
3	C31UB	0.213	0.205	0.008
10	A135B	0.176	0.199	-0.023
10	A137B	0.180	0.197	-0.017
10	B64B	0.236	0.210	0.026
10	C29B	0.180	0.213	-0.033
10	C30B	0.202	0.195	0.007
10	A133UB	0.183	0.203	-0.020
10	A132UB	0.181	0.217	-0.036
10	B75UB	0.186	0.206	-0.020
10	C27UB	0.187	0.195	-0.008
10	C25UB	0.206	0.216	-0.010
25	A131B	0.169	71.787	-71.618
25	A130B	0.172	75.896	-75.724
25	B47B	0.194	76.850	-76.656
25	C24B	0.185	94.265	-94.080
25	C9B	0.166	82.325	-82.159
25	A129UB	0.175	0.208	-0.033
25	A128UB	0.177	0.222	-0.045
25	A118UB	0.188	0.190	-0.002
25	C23UB	0.182	0.214	-0.032
25	C22UB	0.197	0.205	-0.008
30	333B	0.219	317.219	-317.000
30	334B	0.202	391.202	-391.000
30	335B	0.133	378.133	-378.000
30	336B	0.188	244.188	-244.000
30	337B	0.060	291.060	-291.000
30	322UB	0.053	0.210	-0.157
30	329UB	0.154	0.218	-0.064
30	330UB	0.181	0.220	-0.039
30	331UB	0.240	0.175	0.065
30	332UB	0.186	0.187	-0.001
50	A114B	0.183	268.183	-268.000
50	A115B	0.182	3981.182	-3981.000
50	A116B	0.208	3631.208	-3631.000
50	A120B	0.160	3810.160	-3810.000
50	A121B	0.183	3669.183	-3669.000
50	A123B	0.175	3624.175	-3624.000
50	A124B	0.173	3686.173	-3686.000
50	A189B	0.169	3643.169	-3643.000
50	A190B	0.180	3660.180	-3660.000
50	B41B	0.223	4057.223	-4057.000
50	B38B	0.184	3830.184	-3830.000
50	C20B	0.189	3887.189	-3887.000
50	C10B	0.218	4054.218	-4054.000
50	C15B	0.183	4100.183	-4100.000
50	C13B	0.177	3773.177	-3773.000
50	C3B	0.172	256.172	-256.000
50	C16B	0.166	4159.166	-4159.000
50	C35B	0.187	3716.187	-3716.000
50	C47B	0.198	3747.198	-3747.000
50	C54B	0.185	4295.185	-4295.000
50	C51B	0.181	3334.181	-3334.000
50	C55B	0.180	3574.180	-3574.000
	Max	0.255	4295.185	0.065
	Average	0.184	1250.594	-1250.410
	Min	0.053	0.175	-4295.000
	Std Dev	0.031	1768.017	1768.017

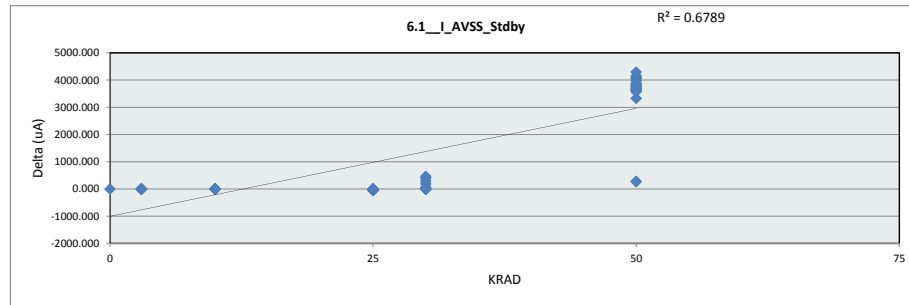


		6.0_I_AVDD_Stdby					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	5000	uA					
Min Limit	-5000	uA					
KRAD	0	3	10	25	30	50	
LL	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	
Min	0.235	0.190	0.195	0.190	0.175	256.172	
Average	0.235	0.208	0.205	40.216	162.281	3489.003	
Max	0.235	0.223	0.217	94.265	391.202	4295.185	
UL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	

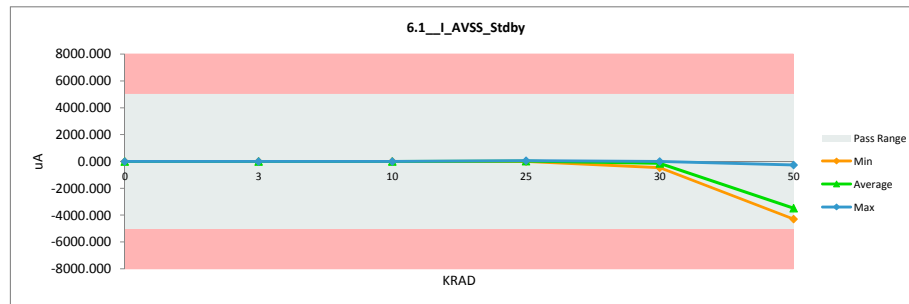


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		6.1_I_AVSS_Stdby		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	5000	5000		
Min Limit	-5000	-5000		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.326	-0.264	-0.062
3	A142B	-0.371	-0.191	-0.180
3	A141B	-0.311	-0.367	0.056
3	B78B	-0.215	-0.285	0.070
3	C1B	-0.364	-0.316	-0.048
3	C2B	-0.141	-0.218	0.077
3	A138UB	-0.301	-0.078	-0.223
3	A140UB	-0.099	-0.186	0.087
3	B21UB	-0.318	-0.319	0.001
3	C7UB	-0.098	-0.110	0.012
3	C31UB	-0.077	-0.174	0.097
10	A135B	-0.059	-0.117	0.058
10	A137B	-0.289	-0.293	0.004
10	B64B	-0.191	-0.370	0.179
10	C29B	-0.172	-0.245	0.073
10	C30B	-0.247	-0.225	-0.022
10	A133UB	-0.207	-0.076	-0.131
10	A132UB	-0.172	-0.280	0.108
10	B75UB	-0.189	-0.262	0.073
10	C27UB	-0.172	-0.171	-0.001
10	C25UB	-0.244	-0.132	-0.112
25	A131B	-0.074	38.566	-38.640
25	A130B	-0.267	41.452	-41.719
25	B47B	-0.346	38.957	-39.303
25	C24B	-0.196	59.708	-59.904
25	C9B	-0.295	51.381	-51.676
25	A129UB	-0.125	-0.311	0.186
25	A128UB	-0.398	-0.362	-0.036
25	A118UB	-0.052	-0.298	0.246
25	C23UB	-0.240	-0.402	0.162
25	C22UB	-0.124	-0.278	0.154
30	333B	-0.166	-188.329	188.163
30	334B	-0.648	-398.688	398.040
30	335B	-0.323	-465.343	465.020
30	336B	-0.413	-55.873	55.460
30	337B	-0.197	-289.197	289.000
30	322UB	-0.477	0.005	-0.482
30	329UB	-0.370	-0.155	-0.215
30	330UB	-0.115	-0.177	0.062
30	331UB	-0.047	0.021	-0.068
30	332UB	-0.617	0.081	-0.698
50	A114B	-0.118	-268.118	268.000
50	A115B	-0.316	-3977.316	3977.000
50	A116B	-0.314	-3628.314	3628.000
50	A120B	-0.218	-3807.218	3807.000
50	A121B	-0.252	-3666.252	3666.000
50	A123B	-0.278	-3621.278	3621.000
50	A124B	-0.411	-3680.411	3680.000
50	A189B	-0.194	-3641.194	3641.000
50	A190B	-0.238	-3658.238	3658.000
50	B41B	-0.453	-4053.453	4053.000
50	B38B	-0.142	-3828.142	3828.000
50	C20B	-0.282	-3884.282	3884.000
50	C10B	-0.189	-4050.189	4050.000
50	C15B	-0.091	-4099.091	4099.000
50	C13B	-0.281	-3771.281	3771.000
50	C3B	-0.085	-281.189	281.104
50	C16B	-0.295	-4156.295	4156.000
50	C35B	-0.093	-3712.093	3712.000
50	C47B	-0.245	-3744.245	3744.000
50	C54B	-0.492	-4292.492	4292.000
50	C51B	-0.156	-3331.156	3331.000
50	C55B	-0.232	-3570.232	3570.000
	Max	-0.047	59.708	4292.000
	Average	-0.245	-1236.451	1236.206
	Min	-0.648	-4292.492	-59.904
	Std Dev	0.131	1775.773	1775.761

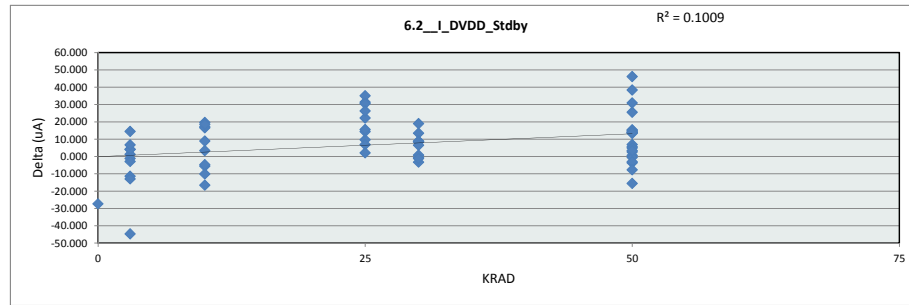


		6.1_I_AVSS_Stdby					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	5000	uA					
Min Limit	-5000	uA					
KRAD	0	3	10	25	30	50	
LL	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	
Min	-0.264	-0.367	-0.370	-0.402	-465.343	-4292.492	
Average	-0.264	-0.224	-0.217	22.841	-139.766	-3487.385	
Max	-0.264	-0.078	-0.076	59.708	0.081	-268.118	
UL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	

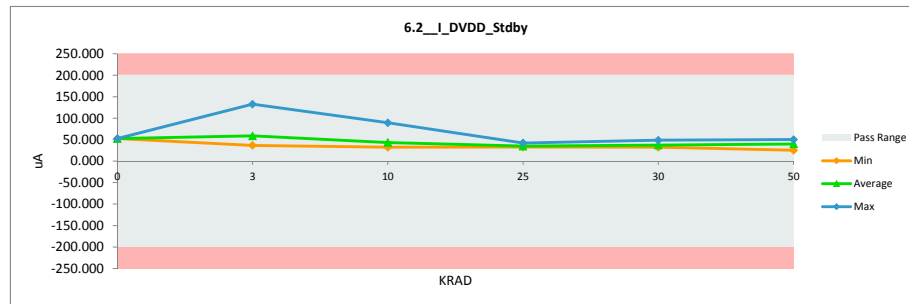


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		6.2_I_DVDD_Stdby		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	200	200		
Min Limit	-200	-200		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	25.226	52.565	-27.339
3	A142B	37.931	36.721	1.210
3	A141B	63.845	59.744	4.101
3	B78B	87.801	132.557	-44.756
3	C1B	50.091	45.950	4.141
3	C2B	47.474	48.619	-1.145
3	A138UB	55.383	66.746	-11.363
3	A140UB	42.712	55.659	-12.947
3	B21UB	48.732	51.662	-2.930
3	C7UB	62.099	47.652	14.447
3	C31UB	49.008	42.300	6.708
10	A135B	49.691	40.743	8.948
10	A137B	36.197	32.801	3.396
10	B64B	72.883	89.493	-16.610
10	C29B	51.769	34.609	17.160
10	C30B	36.896	42.444	-5.548
10	A133UB	48.868	32.292	16.576
10	A132UB	53.704	34.058	19.646
10	B75UB	59.712	41.200	18.512
10	C27UB	35.249	45.377	-10.128
10	C25UB	36.256	41.040	-4.784
25	A131B	64.520	33.174	31.346
25	A130B	51.844	42.221	9.623
25	B47B	71.883	36.878	35.005
25	C24B	47.390	32.999	14.391
25	C9B	64.054	33.491	30.563
25	A129UB	39.615	32.740	6.875
25	A128UB	55.508	33.329	22.179
25	A118UB	61.087	34.819	26.268
25	C23UB	49.796	34.271	15.525
25	C22UB	39.359	37.241	2.118
30	333B	35.448	38.686	-3.238
30	334B	50.546	37.065	13.481
30	335B	37.630	38.270	-0.640
30	336B	49.646	48.818	0.828
30	337B	36.807	37.922	-1.115
30	322UB	43.506	34.798	8.708
30	329UB	44.779	35.944	8.835
30	330UB	43.168	34.818	8.350
30	331UB	51.417	32.414	19.003
30	332UB	42.067	35.581	6.486
50	A114B	40.710	25.363	15.347
50	A115B	54.060	39.514	14.546
50	A116B	56.880	31.343	25.537
50	A120B	47.285	32.178	15.107
50	A121B	42.943	40.326	2.617
50	A123B	40.965	40.358	0.607
50	A124B	55.021	41.672	13.349
50	A189B	47.725	42.161	5.564
50	A190B	38.986	39.535	-0.549
50	B41B	89.401	43.313	46.088
50	B38B	83.211	44.799	38.412
50	C20B	54.305	40.398	13.907
50	C10B	42.872	46.548	-3.676
50	C15B	54.639	47.743	6.896
50	C13B	34.807	37.872	-3.065
50	C3B	40.722	26.854	13.868
50	C16B	64.054	50.274	13.780
50	C35B	65.145	34.249	30.896
50	C47B	47.657	42.758	4.899
50	C54B	31.084	46.602	-15.518
50	C51B	34.368	42.046	-7.678
50	C55B	47.063	43.673	3.390
	Max	89.401	132.557	46.088
	Average	49.929	42.528	7.400
	Min	25.226	25.363	-44.756
	Std Dev	13.051	15.078	15.311

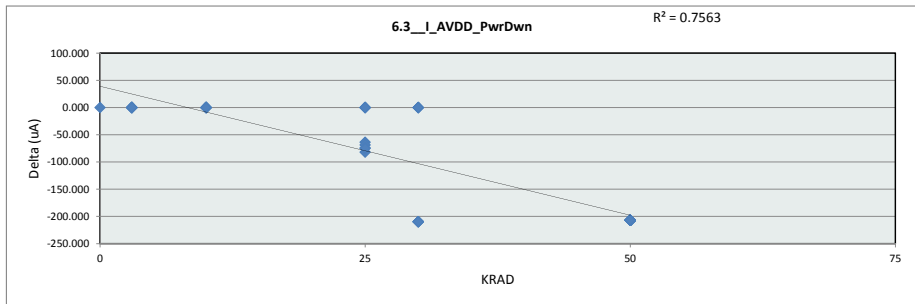


		6.2_I_DVDD_Stdby					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	200	uA					
Min Limit	-200	uA					
KRAD	0	3	10	25	30	50	
LL	-200.000	-200.000	-200.000	-200.000	-200.000	-200.000	
Min	52.565	36.721	32.292	32.740	32.414	25.363	
Average	52.565	58.761	43.406	35.116	37.432	39.981	
Max	52.565	132.557	89.493	42.221	48.818	50.274	
UL	200.000	200.000	200.000	200.000	200.000	200.000	

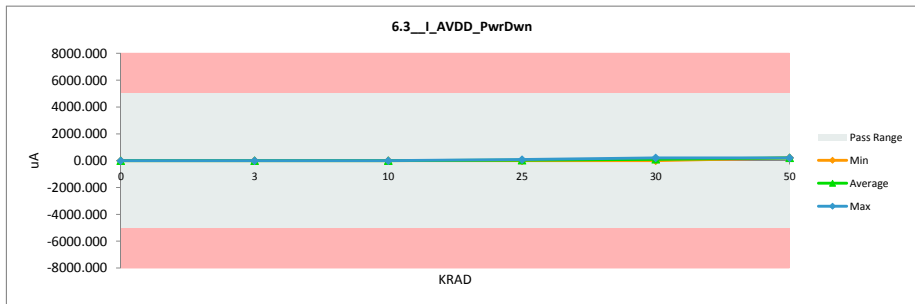


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

6.3_I_AVDD_PwrDwn				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	5000	5000		
Min Limit	-5000	-5000		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.285	0.264	0.021
3	A142B	0.192	0.268	-0.076
3	A141B	0.187	0.252	-0.065
3	B78B	0.200	0.257	-0.057
3	C1B	0.281	0.266	0.015
3	C2B	0.262	0.240	0.022
3	A138UB	0.210	0.277	-0.067
3	A140UB	0.202	0.265	-0.063
3	B21UB	0.202	0.270	-0.068
3	C7UB	0.228	0.266	-0.038
3	C31UB	0.217	0.262	-0.045
10	A135B	0.193	0.252	-0.059
10	A137B	0.201	0.260	-0.059
10	B64B	0.196	0.257	-0.061
10	C29B	0.211	0.286	-0.075
10	C30B	0.213	0.276	-0.063
10	A133UB	0.173	0.275	-0.102
10	A132UB	0.204	0.238	-0.034
10	B75UB	0.208	0.275	-0.067
10	C27UB	0.226	0.272	-0.046
10	C25UB	0.214	0.229	-0.015
25	A131B	0.200	63.848	-63.648
25	A130B	0.179	69.034	-68.855
25	B47B	0.235	74.438	-74.203
25	C24B	0.249	82.212	-81.963
25	C9B	0.221	75.018	-74.797
25	A129UB	0.207	0.252	-0.045
25	A128UB	0.206	0.270	-0.064
25	A118UB	0.206	0.250	-0.044
25	C23UB	0.228	0.318	-0.090
25	C22UB	0.235	0.252	-0.017
30	333B	0.147	209.968	-209.821
30	334B	0.125	209.968	-209.843
30	335B	0.078	209.970	-209.892
30	336B	0.151	209.967	-209.816
30	337B	0.078	209.968	-209.890
30	322UB	0.160	0.202	-0.042
30	329UB	0.146	0.199	-0.053
30	330UB	0.137	0.196	-0.059
30	331UB	0.115	0.225	-0.110
30	332UB	0.119	0.188	-0.069
50	A114B	0.190	207.317	-207.127
50	A115B	0.221	207.319	-207.098
50	A116B	0.206	207.319	-207.113
50	A120B	0.211	207.319	-207.108
50	A121B	0.198	207.318	-207.120
50	A123B	0.187	207.319	-207.132
50	A124B	0.233	207.319	-207.086
50	A189B	0.213	207.319	-207.106
50	A190B	0.203	207.319	-207.116
50	B41B	0.232	207.319	-207.087
50	B38B	0.273	207.319	-207.046
50	C20B	0.234	207.319	-207.085
50	C10B	0.210	207.319	-207.109
50	C15B	0.232	207.318	-207.086
50	C13B	0.216	207.318	-207.102
50	C3B	0.224	207.318	-207.094
50	C16B	0.221	207.319	-207.098
50	C35B	0.224	207.319	-207.095
50	C47B	0.203	207.319	-207.116
50	C54B	0.219	207.319	-207.100
50	C51B	0.201	207.318	-207.117
50	C55B	0.205	207.319	-207.114
	Max	0.285	209.970	0.022
	Average	0.201	94.972	-94.771
	Min	0.078	0.188	-209.892
	Std Dev	0.041	100.366	100.368



6.3_I_AVDD_PwrDwn						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	5000	uA				
Min Limit	-5000	uA				
KRAD	0	3	10	25	30	50
LL	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000
Min	0.264	0.240	0.229	0.250	0.188	207.317
Average	0.264	0.262	0.262	36.589	105.085	207.319
Max	0.264	0.277	0.286	82.212	209.970	207.319
UL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000



ADS1282-RHA

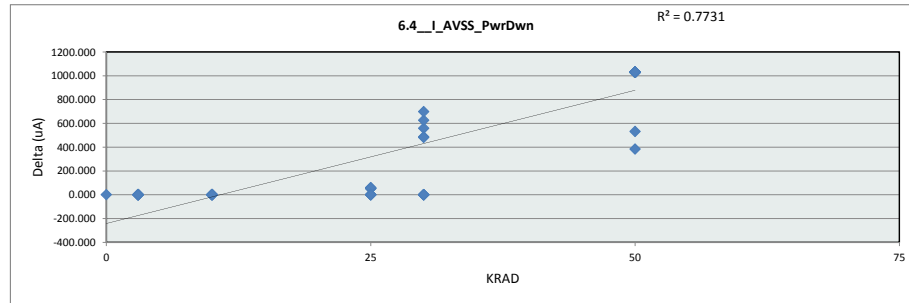
TID Report

TID HDR Report (3KRad - 50KRad)

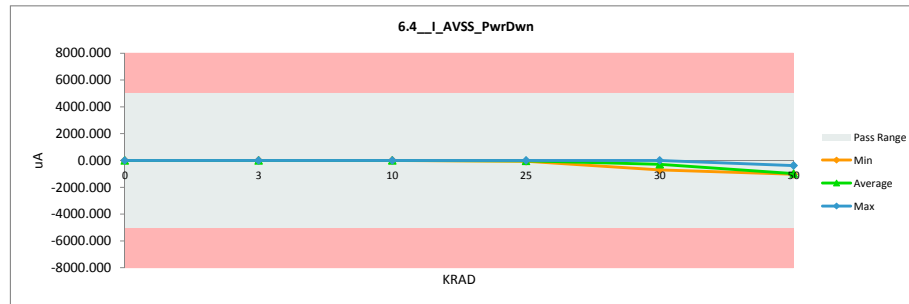
All units passed SMD specification limits up to 50kRAD HDR

		6.4_I_AVSS_PwrDwn	
Test Site		CLAB	CLAB
Tester		EAGLE3	EAGLE3
Test Number		EF651300	EF651300
Unit		uA	uA
Max Limit		5000	5000
Min Limit		-5000	-5000

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.136	-0.214	0.078
3	A142B	-0.162	0.035	-0.197
3	A141B	-0.006	0.011	-0.017
3	B78B	-0.345	-0.149	-0.196
3	C1B	0.098	0.029	0.069
3	C2B	-0.111	-0.064	-0.047
3	A138UB	-0.156	-0.231	0.075
3	A140UB	-0.164	-0.119	-0.045
3	B21UB	0.125	-0.090	0.215
3	C7UB	-0.038	-0.071	0.033
3	C31UB	0.019	-0.222	0.241
10	A135B	-0.131	-0.137	0.006
10	A137B	-0.118	-0.051	-0.067
10	B64B	-0.051	-0.047	-0.004
10	C29B	-0.051	-0.128	0.077
10	C30B	-0.031	0.040	-0.071
10	A133UB	-0.080	-0.166	0.086
10	A132UB	-0.113	-0.054	-0.059
10	B75UB	-0.001	0.081	-0.082
10	C27UB	-0.020	-0.218	0.198
10	C25UB	-0.033	0.015	-0.048
25	A131B	-0.191	-52.598	52.407
25	A130B	-0.079	-53.297	53.218
25	B47B	-0.019	-59.354	59.335
25	C24B	-0.134	-51.605	51.471
25	C9B	-0.069	-57.181	57.112
25	A129UB	-0.031	-0.052	0.021
25	A128UB	0.032	0.000	0.032
25	A118UB	-0.266	0.074	-0.340
25	C23UB	-0.110	-0.113	0.003
25	C22UB	-0.191	0.052	-0.243
30	333B	0.018	-558.638	558.656
30	334B	-0.016	-625.306	625.290
30	335B	-0.922	-699.102	698.180
30	336B	-0.615	-487.030	486.415
30	337B	-0.722	-482.918	482.196
30	322UB	-0.896	-0.102	-0.794
30	329UB	-0.455	-0.111	-0.344
30	330UB	0.032	0.023	0.009
30	331UB	-0.267	-0.034	-0.233
30	332UB	-0.006	-0.225	0.219
50	A114B	-0.206	-383.306	383.100
50	A115B	-0.062	-1029.205	1029.143
50	A116B	-0.203	-1029.205	1029.002
50	A120B	-0.129	-1029.205	1029.076
50	A121B	-0.038	-1029.205	1029.167
50	A123B	-0.062	-1029.205	1029.143
50	A124B	-0.097	-1029.205	1029.108
50	A189B	-0.040	-1029.205	1029.165
50	A190B	-0.166	-1029.205	1029.039
50	B41B	-0.021	-1029.205	1029.184
50	B38B	0.019	-1029.205	1029.224
50	C20B	0.058	-1029.205	1029.263
50	C10B	-0.089	-1029.205	1029.116
50	C15B	-0.176	-1029.205	1029.029
50	C13B	-0.202	-1029.205	1029.003
50	C3B	-0.117	-531.175	531.058
50	C16B	-0.069	-1029.205	1029.136
50	C35B	-0.098	-1029.205	1029.107
50	C47B	-0.021	-1029.205	1029.184
50	C54B	-0.343	-1029.205	1028.862
50	C51B	-0.067	-1029.205	1029.138
50	C55B	-0.120	-1029.205	1029.085
	Max	0.125	0.081	1029.263
	Average	-0.137	-390.918	390.781
	Min	-0.922	-1029.205	-0.794
	Std Dev	0.202	469.457	469.455



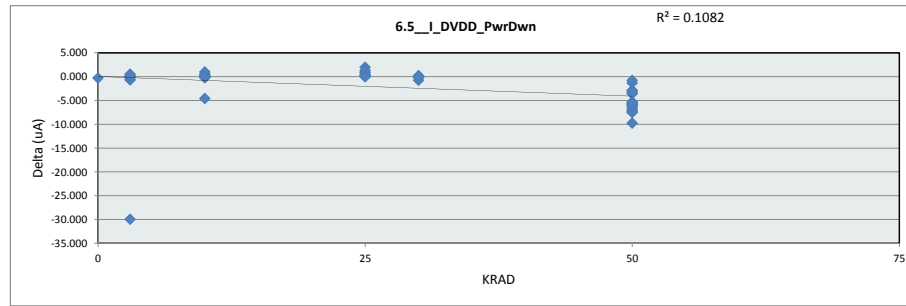
		6.4_I_AVSS_PwrDwn					
Test Site		CLAB					
Tester		EAGLE3					
Test Number		EF651300					
Max Limit		5000	uA				
Min Limit		-5000	uA				
KRAD		0	3	10	25	30	50
LL		-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000
Min		-0.214	-0.231	-0.218	-59.354	-699.102	-1029.205
Average		-0.214	-0.087	-0.067	-27.407	-285.344	-977.208
Max		-0.214	0.035	0.081	0.074	0.023	-383.306
UL		5000.000	5000.000	5000.000	5000.000	5000.000	5000.000



ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

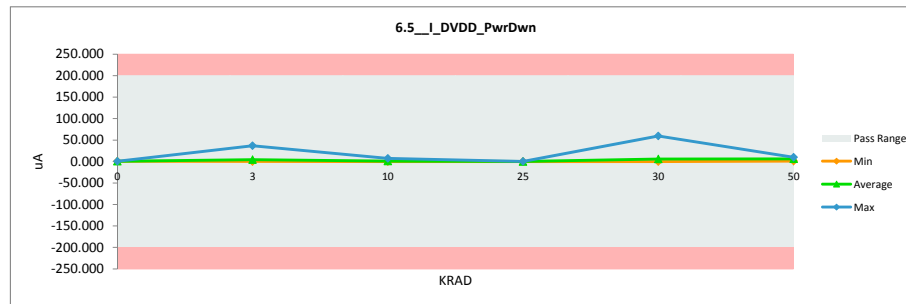
6.5_I_DVDD_PwrDwn		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	uA	uA
Max Limit	200	200
Min Limit	-200	-200

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.287	0.570	-0.283
3	A142B	0.434	0.513	-0.079
3	A141B	1.631	1.605	0.026
3	B78B	6.761	36.684	-29.923
3	C1B	0.315	0.187	0.128
3	C2B	0.269	0.354	-0.085
3	A138UB	0.646	1.283	-0.637
3	A140UB	0.149	0.792	-0.643
3	B21UB	0.375	0.469	-0.094
3	C7UB	1.072	0.554	0.518
3	C31UB	0.277	0.071	0.206
10	A135B	0.255	0.099	0.156
10	A137B	0.095	0.104	-0.009
10	B64B	2.741	7.317	-4.576
10	C29B	0.486	0.136	0.350
10	C30B	0.058	0.265	-0.207
10	A133UB	0.325	0.060	0.265
10	A132UB	0.615	0.052	0.563
10	B75UB	1.128	0.137	0.991
10	C27UB	0.109	0.294	-0.185
10	C25UB	0.073	0.087	-0.014
25	A131B	0.996	0.126	0.870
25	A130B	0.580	0.130	0.450
25	B47B	2.104	0.118	1.986
25	C24B	0.299	0.124	0.175
25	C9B	1.027	0.113	0.914
25	A129UB	0.084	0.054	0.030
25	A128UB	0.470	0.111	0.359
25	A118UB	1.384	0.072	1.312
25	C23UB	0.425	0.079	0.346
25	C22UB	0.069	0.075	-0.006
30	333B	0.047	0.064	-0.017
30	334B	0.202	0.165	0.037
30	335B	0.066	0.038	0.028
30	336B	58.641	59.399	-0.758
30	337B	0.012	0.124	-0.112
30	322UB	-0.005	0.067	-0.072
30	329UB	0.058	0.095	-0.037
30	330UB	-0.005	0.111	-0.116
30	331UB	0.195	-0.045	0.240
30	332UB	0.129	0.093	0.036
50	A114B	0.086	1.397	-1.311
50	A115B	0.658	6.311	-5.653
50	A116B	0.702	6.659	-5.957
50	A120B	0.204	6.287	-6.083
50	A121B	0.216	7.611	-7.395
50	A123B	0.049	3.611	-3.562
50	A124B	0.534	5.823	-5.289
50	A189B	0.191	7.052	-6.861
50	A190B	0.084	3.544	-3.460
50	B41B	6.388	9.249	-2.861
50	B38B	4.819	7.735	-2.916
50	C20B	0.885	7.424	-6.539
50	C10B	0.111	7.505	-7.394
50	C15B	0.413	7.626	-7.213
50	C13B	0.081	3.285	-3.204
50	C3B	0.136	0.933	-0.797
50	C16B	1.027	8.534	-7.507
50	C35B	1.522	7.329	-5.807
50	C47B	0.278	5.719	-5.441
50	C54B	0.107	9.840	-9.733
50	C51B	0.110	6.277	-6.167
50	C55B	0.333	5.896	-5.563
	Max	58.641	59.399	1.986
	Average	1.648	3.943	-2.295
	Min	-0.005	-0.045	-29.923
	Std Dev	7.413	8.894	4.608



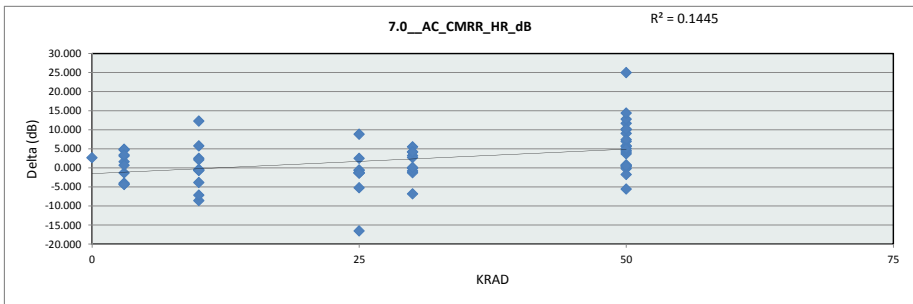
6.5_I_DVDD_PwrDwn		
Test Site	CLAB	
Tester	EAGLE3	
Test Number	EF651300	
Max Limit	200	uA
Min Limit	-200	uA

	0	3	10	25	30	50
LL	-200.000	-200.000	-200.000	-200.000	-200.000	-200.000
Min	0.570	0.071	0.052	0.054	-0.045	0.933
Average	0.570	4.251	0.855	0.100	6.011	6.166
Max	0.570	36.684	7.317	0.130	59.399	9.840
UL	200.000	200.000	200.000	200.000	200.000	200.000

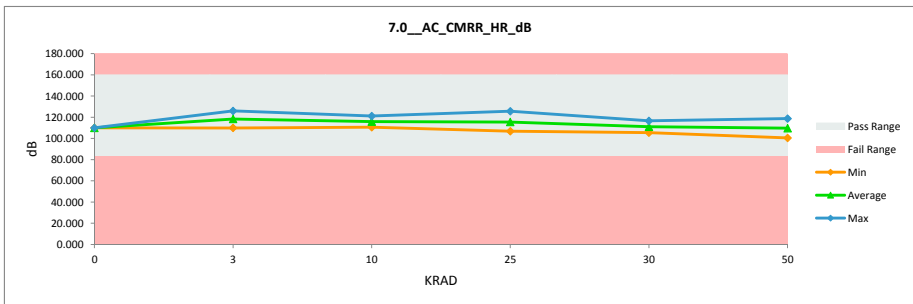


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		7.0_AC_CMRR_HR_dB		
Test Site		CLAB	CLAB	
Tester		EAGLE3	EAGLE3	
Test Number		EF651300	EF651300	
Unit		dB	dB	
Max Limit		160	160	
Min Limit		83	83	
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	112.645	109.977	2.668
3	A142B	111.518	109.919	1.599
3	A141B	126.234	123.088	3.146
3	B78B	124.723	126.031	-1.308
3	C1B	116.390	120.390	-4.000
3	C2B	119.264	118.567	0.697
3	A138UB	118.451	113.715	4.736
3	A140UB	119.506	114.597	4.909
3	B21UB	116.315	120.573	-4.258
3	C7UB	114.857	119.226	-4.369
3	C31UB	120.888	117.497	3.391
10	A135B	115.799	119.629	-3.830
10	A137B	116.679	117.087	-0.408
10	B64B	110.006	110.599	-0.593
10	C29B	112.605	121.184	-8.579
10	C30B	117.833	112.051	5.782
10	A133UB	110.716	117.874	-7.158
10	A132UB	115.259	115.955	-0.696
10	B75UB	118.342	115.829	2.513
10	C27UB	119.921	117.784	2.137
10	C25UB	123.081	110.816	12.265
25	A131B	109.363	106.851	2.512
25	A130B	105.837	111.052	-5.215
25	B47B	112.185	113.386	-1.201
25	C24B	117.141	118.522	-1.381
25	C9B	116.370	117.041	-0.671
25	A129UB	113.769	114.345	-0.576
25	A128UB	124.387	125.719	-1.332
25	A118UB	104.025	120.579	-16.554
25	C23UB	111.006	112.341	-1.335
25	C22UB	123.792	114.958	8.834
30	333B	114.962	109.422	5.540
30	334B	108.677	105.485	3.192
30	335B	107.251	108.542	-1.291
30	336B	117.483	114.786	2.697
30	337B	105.772	105.859	-0.087
30	322UB	109.740	116.580	-6.840
30	329UB	115.445	111.268	4.177
30	330UB	113.626	114.442	-0.816
30	331UB	113.617	113.499	0.118
30	332UB	114.504	110.310	4.194
50	A114B	119.693	114.041	5.652
50	A115B	116.165	112.479	3.686
50	A116B	112.481	111.831	0.650
50	A120B	127.414	102.436	24.978
50	A121B	106.976	106.210	0.766
50	A123B	110.623	110.297	0.326
50	A124B	120.814	109.112	11.702
50	A189B	121.561	108.769	12.792
50	A190B	116.665	112.519	4.146
50	B41B	116.295	106.285	10.010
50	B38B	118.558	118.761	-0.203
50	C20B	109.556	100.529	9.027
50	C10B	110.950	105.193	5.757
50	C15B	109.151	104.622	4.529
50	C13B	112.443	118.009	-5.566
50	C3B	113.882	115.631	-1.749
50	C16B	116.370	109.438	6.932
50	C35B	116.750	116.249	0.501
50	C47B	117.926	107.731	10.195
50	C54B	114.983	107.591	7.392
50	C51B	113.977	108.907	5.070
50	C55B	121.492	107.094	14.398
	Max	127.414	126.031	24.978
	Average	115.313	113.192	2.121
	Min	104.025	100.529	-16.554
	Std Dev	5.151	5.547	6.232

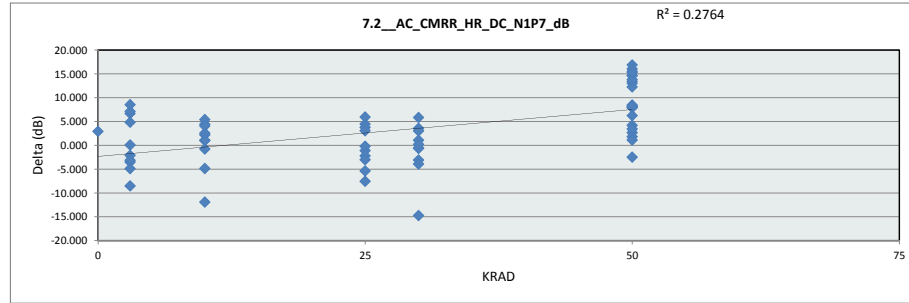


		7.0_AC_CMRR_HR_dB					
Test Site		CLAB					
Tester		EAGLE3					
Test Number		EF651300					
Max Limit		160		dB			
Min Limit		83		dB			
KRAD	0	3	10	25	30	50	
LL	83.000	83.000	83.000	83.000	83.000	83.000	
Min	109.977	109.919	110.599	106.851	105.485	100.529	
Average	109.977	118.360	115.881	115.479	111.019	109.715	
Max	109.977	126.031	121.184	125.719	116.580	118.761	
UL	160.000	160.000	160.000	160.000	160.000	160.000	

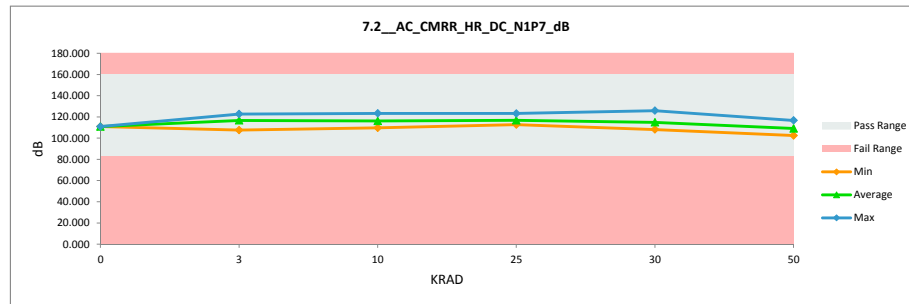


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

7.2_AC_CMRR_HR_DC_N1P7_d				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	83	83		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	113.850	110.919	2.931
3	A142B	107.630	107.535	0.095
3	A141B	118.652	120.752	-2.100
3	B78B	127.602	122.744	4.858
3	C1B	116.112	119.622	-3.510
3	C2B	120.714	114.028	6.686
3	A138UB	119.921	112.780	7.141
3	A140UB	111.982	120.505	-8.523
3	B21UB	116.848	120.000	-3.152
3	C7UB	113.430	118.310	-4.880
3	C31UB	119.213	110.656	8.557
10	A135B	115.797	114.770	1.027
10	A137B	108.914	109.674	-0.760
10	B64B	116.060	113.854	2.206
10	C29B	121.337	116.878	4.459
10	C30B	121.154	115.725	5.429
10	A133UB	111.430	123.344	-11.914
10	A132UB	114.830	119.695	-4.865
10	B75UB	115.821	114.779	1.042
10	C27UB	120.329	117.780	2.549
10	C25UB	119.823	115.743	4.080
25	A131B	117.629	113.149	4.480
25	A130B	111.188	118.731	-7.543
25	B47B	120.471	121.555	-1.084
25	C24B	112.554	112.741	-0.187
25	C9B	124.673	120.886	3.787
25	A129UB	112.525	114.721	-2.196
25	A128UB	120.227	123.239	-3.012
25	A118UB	110.332	115.697	-5.365
25	C23UB	115.796	112.713	3.083
25	C22UB	120.522	114.571	5.951
30	333B	119.184	115.610	3.574
30	334B	114.009	112.928	1.081
30	335B	107.559	108.105	-0.546
30	336B	114.719	115.352	-0.633
30	337B	108.340	108.131	0.209
30	322UB	111.176	125.895	-14.719
30	329UB	117.215	120.280	-3.065
30	330UB	120.379	114.538	5.841
30	331UB	114.515	118.417	-3.902
30	332UB	112.713	109.671	3.042
50	A114B	116.307	113.640	2.667
50	A115B	117.401	109.445	7.956
50	A116B	121.172	108.140	13.032
50	A120B	119.950	106.504	13.446
50	A121B	115.786	107.624	8.162
50	A123B	110.852	109.030	1.822
50	A124B	121.935	109.655	12.280
50	A189B	122.877	108.218	14.659
50	A190B	118.798	110.908	7.890
50	B41B	125.826	110.257	15.569
50	B38B	117.827	116.697	1.130
50	C20B	119.325	102.417	16.908
50	C10B	110.115	105.916	4.199
50	C15B	114.404	105.917	8.487
50	C13B	117.463	111.208	6.255
50	C3B	113.601	110.169	3.432
50	C16B	124.673	108.624	16.049
50	C35B	119.538	111.275	8.263
50	C47B	121.940	107.275	14.665
50	C54B	110.246	112.701	-2.455
50	C51B	122.705	108.897	13.808
50	C55B	120.115	104.808	15.307
	Max	127.602	125.895	16.908
	Average	116.826	113.593	3.233
	Min	107.559	102.417	-14.719
	Std Dev	4.682	5.279	6.900

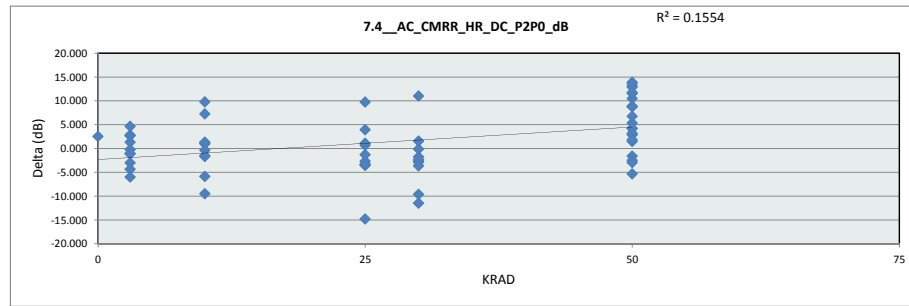


7.2_AC_CMRR_HR_DC_N1P7						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	160	dB				
Min Limit	83	dB				
KRAD	0	3	10	25	30	50
LL	83.000	83.000	83.000	83.000	83.000	83.000
Min	110.919	107.535	109.674	112.713	108.105	102.417
Average	110.919	116.693	116.224	116.800	114.893	109.060
Max	110.919	122.744	123.344	123.239	125.895	116.697
UL	160.000	160.000	160.000	160.000	160.000	160.000

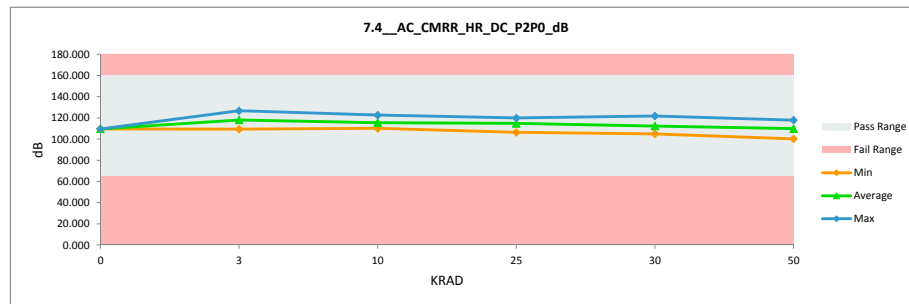


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

7.4_AC_CMRR_HR_DC_P2P0_d				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	65	65		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	112.129	109.589	2.540
3	A142B	110.630	109.320	1.310
3	A141B	122.527	119.683	2.844
3	B78B	120.743	126.733	-5.990
3	C1B	117.114	118.234	-1.120
3	C2B	116.122	116.347	-0.225
3	A138UB	118.266	113.619	4.647
3	A140UB	120.786	118.132	2.654
3	B21UB	115.545	118.558	-3.013
3	C7UB	115.463	119.813	-4.350
3	C31UB	119.202	120.236	-1.034
10	A135B	117.643	119.300	-1.657
10	A137B	116.630	115.441	1.189
10	B64B	109.724	110.076	-0.352
10	C29B	113.145	122.640	-9.495
10	C30B	119.923	110.153	9.770
10	A133UB	110.453	116.319	-5.866
10	A132UB	116.000	115.015	0.985
10	B75UB	116.393	117.902	-1.509
10	C27UB	118.259	116.942	1.317
10	C25UB	117.747	110.471	7.276
25	A131B	110.238	106.299	3.939
25	A130B	106.126	109.679	-3.553
25	B47B	110.274	113.674	-3.400
25	C24B	117.255	119.931	-2.676
25	C9B	119.748	119.076	0.672
25	A129UB	112.891	116.138	-3.247
25	A128UB	118.539	119.833	-1.294
25	A118UB	104.242	119.039	-14.797
25	C23UB	112.257	111.173	1.084
25	C22UB	122.752	112.985	9.767
30	333B	108.715	120.177	-11.462
30	334B	107.311	107.422	-0.111
30	335B	106.645	105.096	1.549
30	336B	112.196	121.805	-9.609
30	337B	106.874	109.328	-2.454
30	322UB	109.490	111.244	-1.754
30	329UB	111.418	114.271	-2.853
30	330UB	109.361	111.700	-2.339
30	331UB	113.005	116.652	-3.647
30	332UB	115.887	104.875	11.012
50	A114B	118.983	116.109	2.874
50	A115B	118.677	113.326	5.351
50	A116B	114.606	110.426	4.180
50	A120B	117.264	104.040	13.224
50	A121B	105.609	107.201	-1.592
50	A123B	109.366	111.885	-2.519
50	A124B	123.474	110.616	12.858
50	A189B	123.567	109.643	13.924
50	A190B	119.555	109.067	10.488
50	B41B	116.248	107.385	8.863
50	B38B	119.353	117.848	1.505
50	C20B	108.941	100.211	8.730
50	C10B	110.259	106.027	4.232
50	C15B	108.873	105.709	3.164
50	C13B	113.298	116.224	-2.926
50	C3B	111.391	116.730	-5.339
50	C16B	119.748	110.894	8.854
50	C35B	117.731	115.896	1.835
50	C47B	119.885	106.161	13.724
50	C54B	117.701	106.127	11.574
50	C51B	114.631	107.868	6.763
50	C55B	118.313	106.546	11.767
	Max	123.567	126.733	13.924
	Average	114.717	113.188	1.528
	Min	104.242	100.211	-14.797
	Std Dev	4.897	5.551	6.378

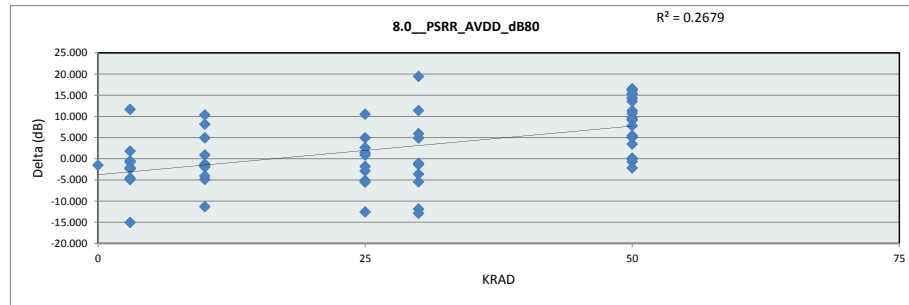


7.4_AC_CMRR_HR_DC_P2P0						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	160	dB				
Min Limit	65	dB				
KRAD	0	3	10	25	30	50
LL	65.000	65.000	65.000	65.000	65.000	65.000
Min	109.589	109.320	110.076	106.299	104.875	100.211
Average	109.589	118.068	115.426	114.783	112.257	109.815
Max	109.589	126.733	122.640	119.931	121.805	117.848
UL	160.000	160.000	160.000	160.000	160.000	160.000

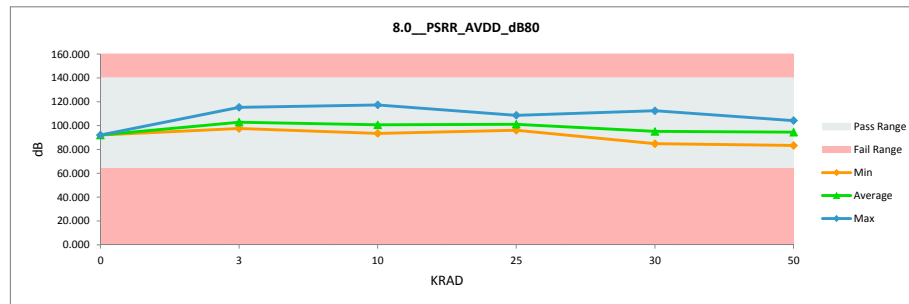


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		8.0_PSRR_AVDD_dB80		
Test Site		CLAB	CLAB	
Tester		EAGLE3	EAGLE3	
Test Number		EF651300	EF651300	
Unit		dB	dB	
Max Limit		140	140	
Min Limit		64	64	
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	90.496	92.021	-1.525
3	A142B	97.905	98.704	-0.799
3	A141B	99.695	102.056	-2.361
3	B78B	95.070	99.630	-4.560
3	C1B	103.143	105.230	-2.087
3	C2B	100.204	115.274	-15.070
3	A138UB	109.162	97.522	11.640
3	A140UB	101.228	99.421	1.807
3	B21UB	99.588	100.105	-0.517
3	C7UB	103.327	105.698	-2.371
3	C31UB	99.758	104.673	-4.915
10	A135B	104.886	96.733	8.153
10	A137B	93.673	97.729	-4.056
10	B64B	101.762	103.697	-1.935
10	C29B	103.788	93.444	10.344
10	C30B	96.983	98.232	-1.249
10	A133UB	102.284	97.352	4.932
10	A132UB	95.249	100.121	-4.872
10	B75UB	103.853	105.504	-1.651
10	C27UB	96.948	96.049	0.899
10	C25UB	106.026	117.320	-11.294
25	A131B	99.631	97.010	2.621
25	A130B	97.535	96.072	1.463
25	B47B	95.420	100.552	-5.132
25	C24B	99.238	98.392	0.846
25	C9B	110.580	100.061	10.519
25	A129UB	101.874	96.924	4.950
25	A128UB	105.190	108.093	-2.903
25	A118UB	92.771	105.320	-12.549
25	C23UB	94.437	99.960	-5.523
25	C22UB	106.789	108.604	-1.815
30	333B	97.923	99.303	-1.380
30	334B	97.784	86.381	11.403
30	335B	93.019	96.655	-3.636
30	336B	100.548	112.430	-11.882
30	337B	98.423	111.324	-12.901
30	322UB	90.711	85.817	4.894
30	329UB	104.224	84.799	19.425
30	330UB	91.955	86.039	5.916
30	331UB	87.802	93.242	-5.440
30	332UB	94.050	95.112	-1.062
50	A114B	106.361	92.840	13.521
50	A115B	107.840	98.731	9.109
50	A116B	107.816	97.112	10.704
50	A120B	105.660	95.963	9.697
50	A121B	93.714	88.593	5.121
50	A123B	100.755	95.310	5.445
50	A124B	113.855	97.536	16.319
50	A189B	100.563	91.307	9.256
50	A190B	100.358	85.156	15.202
50	B41B	97.654	83.334	14.320
50	B38B	101.998	87.637	14.361
50	C20B	95.982	95.856	0.126
50	C10B	97.218	97.905	-0.687
50	C15B	100.150	83.626	16.524
50	C13B	109.233	93.026	16.207
50	C3B	106.675	91.268	15.407
50	C16B	110.580	102.805	7.775
50	C35B	97.466	92.380	5.086
50	C47B	106.800	103.337	3.463
50	C54B	101.968	104.154	-2.186
50	C51B	108.532	97.182	11.350
50	C55B	102.805	102.871	-0.066
	Max	113.855	117.320	19.425
	Average	100.618	97.881	2.736
	Min	87.802	83.334	-15.070
	Std Dev	5.585	7.411	8.184



		8.0_PSRR_AVDD_dB80					
Test Site		CLAB					
Tester		EAGLE3					
Test Number		EF651300					
Max Limit		140	dB				
Min Limit		64	dB				
KRAD	0	3	10	25	30	50	
LL	64.000	64.000	64.000	64.000	64.000	64.000	
Min	92.021	97.522	93.444	96.072	84.799	83.334	
Average	92.021	102.831	100.618	101.099	95.110	94.451	
Max	92.021	115.274	117.320	108.604	112.430	104.154	
UL	140.000	140.000	140.000	140.000	140.000	140.000	



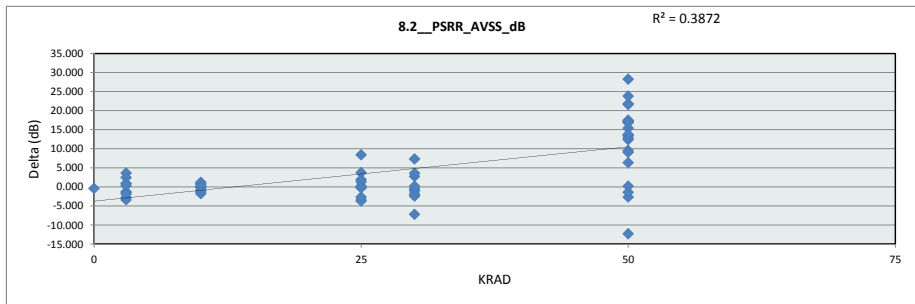
ADS1282-RHA

TID Report

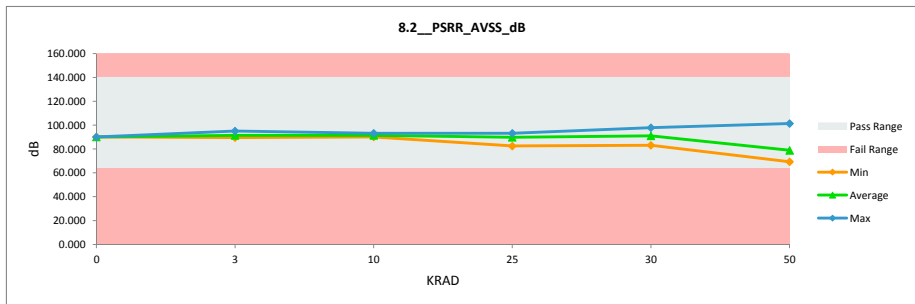
TID HDR Report (3KRad - 50KRad)

All units passed SMD specification limits up to 50kRAD HDR

		8.2_PSRR_AVSS_dB		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	64	64		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	89.720	90.134	-0.414
3	A142B	90.228	91.714	-1.486
3	A141B	90.774	90.464	0.310
3	B78B	91.060	90.173	0.887
3	C1B	94.030	91.574	2.456
3	C2B	91.747	95.117	-3.370
3	A138UB	89.934	91.210	-1.276
3	A140UB	90.364	89.526	0.838
3	B21UB	93.474	89.828	3.646
3	C7UB	90.863	93.624	-2.761
3	C31UB	89.216	91.072	-1.856
10	A135B	90.982	90.405	0.577
10	A137B	92.613	92.757	-0.144
10	B64B	91.052	91.038	0.014
10	C29B	90.920	91.920	-1.000
10	C30B	91.374	90.464	0.910
10	A133UB	91.314	90.122	1.192
10	A132UB	90.521	91.514	-0.993
10	B75UB	91.379	93.165	-1.786
10	C27UB	90.754	90.612	0.142
10	C25UB	91.015	92.324	-1.309
25	A131B	88.051	91.481	-3.430
25	A130B	90.948	82.530	8.418
25	B47B	92.360	88.578	3.782
25	C24B	89.755	87.860	1.895
25	C9B	89.455	93.155	-3.700
25	A129UB	89.614	92.295	-2.681
25	A128UB	91.701	91.474	0.227
25	A118UB	91.041	91.109	-0.068
25	C23UB	91.010	89.639	1.371
25	C22UB	90.310	90.558	-0.248
30	333B	89.112	91.462	-2.350
30	334B	88.458	90.775	-2.317
30	335B	90.475	83.142	7.333
30	336B	90.725	97.931	-7.206
30	337B	91.531	88.760	2.771
30	322UB	93.640	90.045	3.595
30	329UB	89.776	91.535	-1.759
30	330UB	91.852	92.828	-0.976
30	331UB	91.193	91.732	-0.539
30	332UB	92.174	91.972	0.202
50	A114B	92.361	95.007	-2.646
50	A115B	90.499	76.864	13.635
50	A116B	89.878	72.617	17.261
50	A120B	88.158	72.707	15.451
50	A121B	89.334	71.836	17.498
50	A123B	94.541	72.903	21.638
50	A124B	88.719	71.486	17.233
50	A189B	90.628	73.702	16.926
50	A190B	90.606	84.223	6.383
50	B41B	92.067	79.650	12.417
50	B38B	89.264	75.878	13.386
50	C20B	89.127	101.427	-12.300
50	C10B	94.318	77.424	16.894
50	C15B	89.483	79.980	9.503
50	C13B	99.438	71.147	28.291
50	C3B	91.428	91.215	0.213
50	C16B	89.455	76.664	12.791
50	C35B	89.918	91.336	-1.418
50	C47B	89.278	80.167	9.111
50	C54B	92.515	78.777	13.738
50	C51B	93.183	71.367	21.816
50	C55B	93.099	69.283	23.816
	Max	99.438	101.427	28.291
	Average	91.013	86.719	4.294
	Min	88.051	69.283	-12.300
	Std Dev	1.829	7.941	8.453

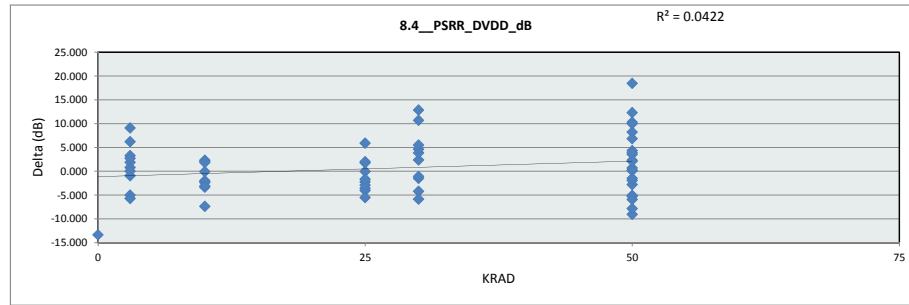


		8.2_PSRR_AVSS_dB					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	140	dB					
Min Limit	64	dB					
KRAD	0	3	10	25	30	50	
LL	64.000	64.000	64.000	64.000	64.000	64.000	
Min	90.134	89.526	90.122	82.530	83.142	69.283	
Average	90.134	91.430	91.432	89.868	91.018	78.894	
Max	90.134	95.117	93.165	93.155	97.931	101.427	
UL	140.000	140.000	140.000	140.000	140.000	140.000	

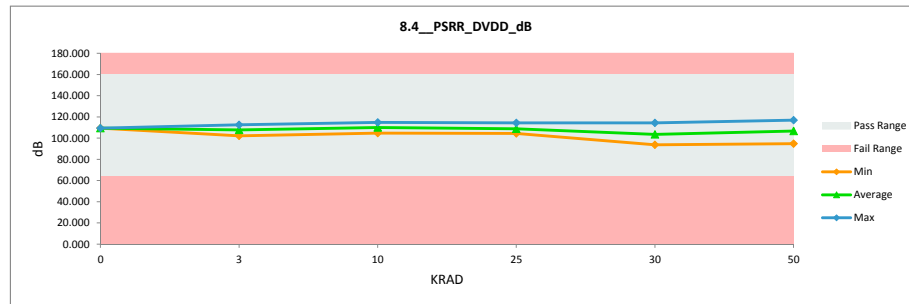


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		8.4_PSRR_DVDD_dB		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	64	64		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	96.096	109.439	-13.343
3	A142B	105.457	102.191	3.266
3	A141B	113.189	112.416	0.773
3	B78B	109.663	110.615	-0.952
3	C1B	107.163	105.314	1.849
3	C2B	104.987	110.011	-5.024
3	A138UB	108.084	105.372	2.712
3	A140UB	106.224	106.204	0.020
3	B21UB	106.754	112.487	-5.733
3	C7UB	112.916	106.734	6.182
3	C31UB	114.568	105.484	9.084
10	A135B	111.876	113.888	-2.012
10	A137B	108.098	108.177	-0.079
10	B64B	106.957	104.678	2.279
10	C29B	107.182	109.527	-2.345
10	C30B	108.511	110.776	-2.265
10	A133UB	107.424	114.791	-7.367
10	A132UB	107.477	105.351	2.126
10	B75UB	114.968	113.139	1.829
10	C27UB	107.257	110.593	-3.336
10	C25UB	106.248	109.375	-3.127
25	A131B	109.613	107.871	1.742
25	A130B	107.314	111.358	-4.044
25	B47B	110.808	114.405	-3.597
25	C24B	108.504	106.527	1.977
25	C9B	104.143	106.381	-2.238
25	A129UB	109.101	112.024	-2.923
25	A128UB	106.088	106.129	-0.041
25	A118UB	110.268	104.367	5.901
25	C23UB	108.214	109.881	-1.667
25	C22UB	103.460	108.995	-5.535
30	333B	100.873	105.085	-4.212
30	334B	108.850	106.501	2.349
30	335B	112.320	99.477	12.843
30	336B	104.400	93.727	10.673
30	337B	104.475	100.650	3.825
30	322UB	94.705	100.557	-5.852
30	329UB	111.902	113.410	-1.508
30	330UB	113.199	114.290	-1.091
30	331UB	108.308	103.698	4.610
30	332UB	103.132	97.639	5.493
50	A114B	107.832	95.544	12.288
50	A115B	103.696	108.967	-5.271
50	A116B	113.196	94.749	18.447
50	A120B	106.898	96.625	10.273
50	A121B	111.896	116.983	-5.087
50	A123B	111.366	107.067	4.299
50	A124B	108.674	105.123	3.551
50	A189B	114.030	113.334	0.696
50	A190B	103.449	103.340	0.109
50	B41B	114.426	106.236	8.190
50	B38B	105.824	108.630	-2.806
50	C20B	108.133	105.832	2.301
50	C10B	111.137	109.036	2.101
50	C15B	107.791	113.740	-5.949
50	C13B	104.017	113.079	-9.062
50	C3B	104.652	97.834	6.818
50	C16B	104.143	111.981	-7.838
50	C35B	110.205	100.230	9.975
50	C47B	107.565	109.501	-1.936
50	C54B	110.617	110.422	0.195
50	C51B	108.251	109.736	-1.485
50	C55B	113.643	109.766	3.877
	Max	114.968	116.983	18.447
	Average	107.972	107.259	0.713
	Min	94.705	93.727	-13.343
	Std Dev	4.010	5.342	5.802

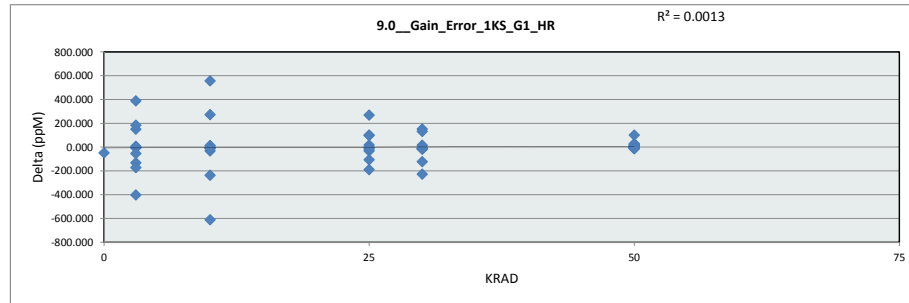


		8.4_PSRR_DVDD_dB					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	160	dB					
Min Limit	64	dB					
KRAD	0	3	10	25	30	50	
LL	64.000	64.000	64.000	64.000	64.000	64.000	
Min	109.439	102.191	104.678	104.367	93.727	94.749	
Average	109.439	107.683	110.030	108.794	103.503	106.716	
Max	109.439	112.487	114.791	114.405	114.290	116.983	
UL	160.000	160.000	160.000	160.000	160.000	160.000	

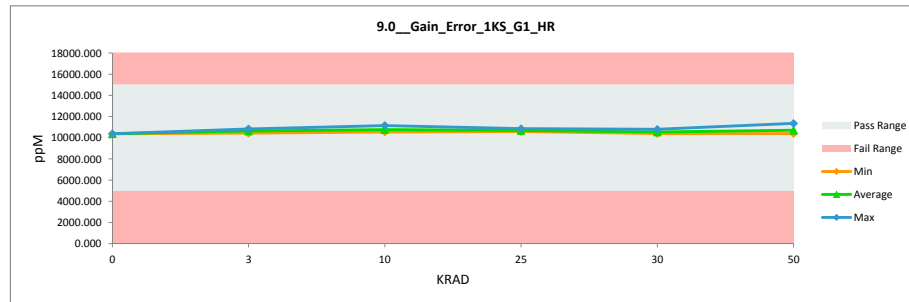


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		9.0_Gain_Error_1KS_G1_HR		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	ppM	ppM		
Max Limit	15000	15000		
Min Limit	5000	5000		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	10325.600	10374.458	-48.858
3	A142B	10618.266	10619.509	-1.243
3	A141B	10634.066	10640.686	-6.619
3	B78B	10842.616	10836.019	6.598
3	C1B	10426.377	10828.826	-402.449
3	C2B	10822.004	10434.122	387.882
3	A138UB	10643.146	10774.661	-131.515
3	A140UB	10478.724	10650.701	-171.978
3	B21UB	10583.603	10432.784	150.818
3	C7UB	10772.466	10588.313	184.152
3	C31UB	10429.589	10482.940	-53.352
10	A135B	10675.679	10686.332	-10.653
10	A137B	10653.989	10664.696	-10.707
10	B64B	10717.353	10715.908	1.444
10	C29B	10842.362	10875.021	-32.659
10	C30B	10866.435	10852.666	13.769
10	A133UB	10586.217	10822.641	-236.424
10	A132UB	10542.683	11152.694	-610.012
10	B75UB	10820.027	10829.523	-9.496
10	C27UB	10819.590	10546.844	272.746
10	C25UB	11149.259	10593.504	555.755
25	A131B	10588.825	10621.545	-32.720
25	A130B	10614.572	10597.556	17.017
25	B47B	10828.388	10844.722	-16.334
25	C24B	10632.256	10639.214	-6.958
25	C9B	10806.638	10705.957	100.681
25	A129UB	10626.524	10733.103	-106.578
25	A128UB	10667.912	10858.277	-190.365
25	A118UB	10674.717	10677.658	-2.941
25	C23UB	10727.815	10629.375	98.440
25	C22UB	10850.173	10581.380	268.793
30	333B	10493.220	10499.122	-5.902
30	334B	10419.174	10433.921	-14.747
30	335B	10444.650	10461.489	-16.839
30	336B	10377.142	10388.386	-11.244
30	337B	10597.319	10612.389	-15.069
30	322UB	10573.144	10801.142	-227.998
30	329UB	10793.057	10640.903	152.153
30	330UB	10627.059	10495.429	131.630
30	331UB	10481.518	10466.079	15.438
30	332UB	10455.990	10578.832	-122.842
50	A114B	10516.787	10493.866	22.921
50	A115B	10629.584	10626.787	2.797
50	A116B	10604.354	10576.674	27.680
50	A120B	10727.554	10702.661	24.893
50	A121B	10538.495	10526.651	11.844
50	A123B	10953.578	10952.034	1.544
50	A124B	10659.124	10665.619	-6.495
50	A189B	10684.460	10679.166	5.294
50	A190B	10619.743	10625.901	-6.158
50	B41B	10398.773	10397.079	1.694
50	B38B	10939.146	10940.036	-0.890
50	C20B	10641.724	10644.537	-2.813
50	C10B	11152.549	11163.159	-10.610
50	C15B	10479.683	10490.964	-11.281
50	C13B	11354.173	11350.909	3.264
50	C3B	10622.074	10606.119	15.955
50	C16B	10806.638	10809.153	-2.516
50	C35B	10596.757	10579.937	16.820
50	C47B	10453.860	10462.554	-8.693
50	C54B	11019.891	11028.072	-8.182
50	C51B	10699.770	10713.601	-13.831
50	C55B	10690.318	10590.025	100.293
	Max	11354.173	11350.909	555.755
	Average	10671.733	10671.347	0.386
	Min	10325.600	10374.458	-610.012
	Std Dev	195.375	193.881	155.413

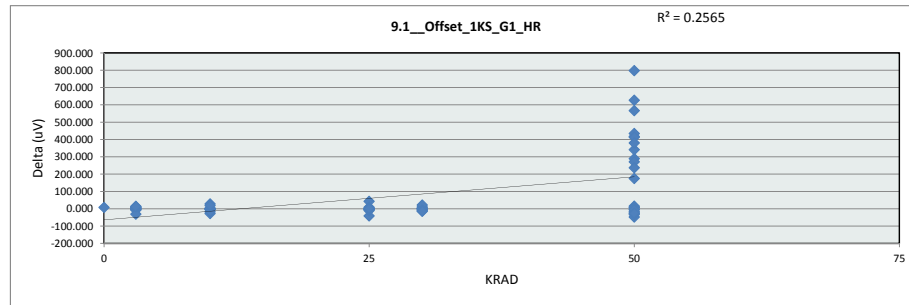


		9.0_Gain_Error_1KS_G1_HR					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	15000	ppM					
Min Limit	5000	ppM					
KRAD	0	3	10	25	30	50	
LL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	
Min	10374.458	10432.784	10546.844	10581.380	10388.386	10397.079	
Average	10374.458	10628.856	10773.983	10688.879	10537.769	10710.250	
Max	10374.458	10836.019	11152.694	10858.277	10801.142	11350.909	
UL	15000.000	15000.000	15000.000	15000.000	15000.000	15000.000	

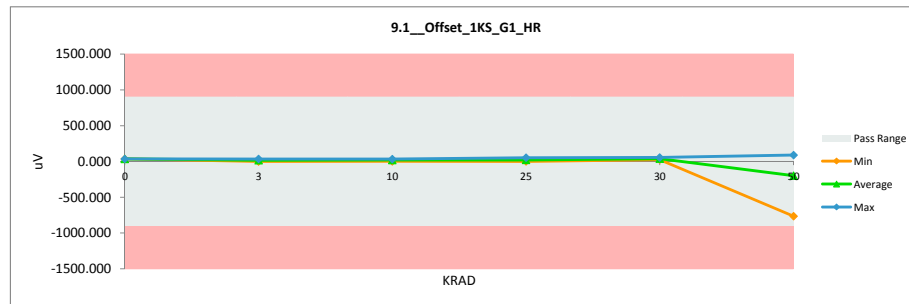


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

9.1_Offset_1KS_G1_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	750	900		
Min Limit	-750	-900		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	44.094	36.201	7.893
3	A142B	-0.710	1.902	-2.612
3	A141B	6.219	11.898	-5.679
3	B78B	14.714	13.616	1.098
3	C1B	24.709	18.328	6.381
3	C2B	17.451	23.278	-5.827
3	A138UB	20.807	15.040	5.767
3	A140UB	24.397	21.333	3.064
3	B21UB	3.099	34.251	-31.152
3	C7UB	14.467	0.254	14.213
3	C31UB	34.349	23.142	11.207
10	A135B	32.665	32.845	-0.180
10	A137B	7.631	8.671	-1.040
10	B64B	24.260	23.735	0.525
10	C29B	1.573	29.056	-27.483
10	C30B	30.599	2.222	28.377
10	A133UB	10.775	10.970	-0.195
10	A132UB	26.796	31.643	-4.847
10	B75UB	18.288	14.143	4.145
10	C27UB	10.586	27.846	-17.260
10	C25UB	32.190	13.435	18.755
25	A131B	55.402	12.478	42.924
25	A130B	11.656	52.668	-41.012
25	B47B	-1.174	0.801	-1.975
25	C24B	14.069	14.786	-0.717
25	C9B	22.433	18.677	3.756
25	A129UB	22.021	13.339	8.682
25	A128UB	17.428	27.099	-9.671
25	A118UB	13.401	18.909	-5.508
25	C23UB	16.417	20.169	-3.752
25	C22UB	30.771	29.536	1.235
30	333B	44.436	45.914	-1.478
30	334B	49.019	50.594	-1.575
30	335B	26.475	25.413	1.062
30	336B	31.455	31.250	0.205
30	337B	31.887	27.695	4.192
30	322UB	57.898	47.614	10.284
30	329UB	47.638	25.837	21.801
30	330UB	23.948	36.157	-12.209
30	331UB	34.971	43.239	-8.268
30	332UB	41.697	56.431	-14.734
50	A114B	2.422	5.046	-2.624
50	A115B	23.304	7.849	15.455
50	A116B	41.188	89.124	-47.936
50	A120B	33.422	58.098	-24.676
50	A121B	25.689	-263.648	289.337
50	A123B	5.075	-411.391	416.466
50	A124B	35.318	-305.385	340.703
50	A189B	14.518	-256.624	271.142
50	A190B	13.642	-612.576	626.218
50	B41B	16.374	-550.143	566.517
50	B38B	24.059	-410.618	434.677
50	C20B	33.090	-203.282	236.372
50	C10B	7.002	39.487	-32.485
50	C15B	32.091	-765.298	797.389
50	C13B	12.542	-400.835	413.377
50	C3B	21.711	37.943	-16.232
50	C16B	22.433	13.803	8.630
50	C35B	24.346	-355.862	380.208
50	C47B	30.391	24.466	5.925
50	C54B	-3.622	2.709	-6.331
50	C51B	10.961	-164.125	175.086
50	C55B	27.033	52.217	-25.184
	Max	57.898	89.124	797.389
	Average	22.917	-53.597	76.515
	Min	-3.622	-765.298	-47.936
	Std Dev	13.902	182.046	181.017

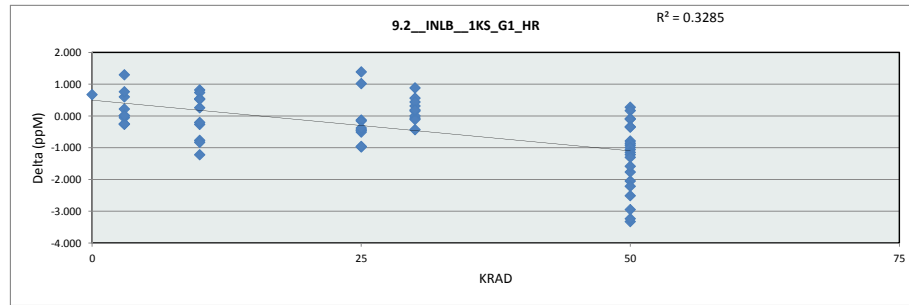


9.1_Offset_1KS_G1_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	900	uV				
Min Limit	-900	uV				
KRAD	0	3	10	25	30	50
LL	-900.000	-900.000	-900.000	-900.000	-900.000	-900.000
Min	36.201	0.254	2.222	0.801	25.413	-765.298
Average	36.201	16.304	19.457	20.846	39.014	-198.593
Max	36.201	34.251	32.845	52.668	56.431	89.124
UL	900.000	900.000	900.000	900.000	900.000	900.000

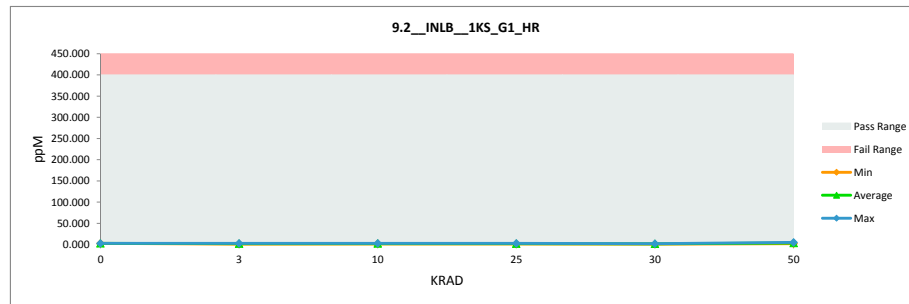


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

9.2_INLB_1KS_G1_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	ppM	ppM		
Max Limit	190	400		
Min Limit	0	0		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	3.350	2.678	0.672
3	A142B	2.026	1.805	0.221
3	A141B	3.025	1.725	1.300
3	B78B	2.365	1.762	0.603
3	C1B	1.841	1.075	0.766
3	C2B	1.320	1.572	-0.252
3	A138UB	2.672	2.658	0.014
3	A140UB	1.967	2.225	-0.258
3	B21UB	1.743	1.796	-0.053
3	C7UB	1.742	1.991	-0.249
3	C31UB	1.914	1.900	0.014
10	A135B	1.384	2.604	-1.220
10	A137B	2.502	1.957	0.545
10	B64B	1.636	2.400	-0.764
10	C29B	2.337	2.599	-0.262
10	C30B	2.516	1.694	0.822
10	A133UB	1.823	2.650	-0.827
10	A132UB	2.684	1.945	0.739
10	B75UB	2.036	1.775	0.261
10	C27UB	2.106	2.307	-0.201
10	C25UB	1.947	1.419	0.528
25	A131B	1.785	2.760	-0.975
25	A130B	2.700	1.308	1.392
25	B47B	2.797	1.777	1.020
25	C24B	1.276	1.778	-0.502
25	C9B	1.307	2.267	-0.960
25	A129UB	2.104	2.536	-0.432
25	A128UB	1.579	1.706	-0.127
25	A118UB	2.168	2.321	-0.153
25	C23UB	1.590	2.046	-0.456
25	C22UB	1.209	1.588	-0.379
30	333B	1.785	0.899	0.886
30	334B	1.070	1.497	-0.427
30	335B	1.128	1.194	-0.066
30	336B	1.788	1.782	0.006
30	337B	1.382	0.821	0.561
30	322UB	1.988	1.673	0.315
30	329UB	1.405	1.510	-0.105
30	330UB	1.818	1.373	0.445
30	331UB	2.192	2.033	0.159
30	332UB	2.133	1.944	0.189
50	A114B	2.421	4.468	-2.047
50	A115B	2.506	2.843	-0.337
50	A116B	1.756	5.080	-3.324
50	A120B	2.572	5.081	-2.509
50	A121B	2.266	3.182	-0.916
50	A123B	1.401	2.459	-1.058
50	A124B	1.714	3.926	-2.212
50	A189B	2.858	3.646	-0.788
50	A190B	2.322	2.045	0.277
50	B41B	3.179	4.038	-0.859
50	B38B	2.243	2.072	0.171
50	C20B	2.244	4.009	-1.765
50	C10B	1.951	2.941	-0.990
50	C15B	1.613	2.757	-1.144
50	C13B	2.921	3.009	-0.088
50	C3B	1.798	5.032	-3.234
50	C16B	1.307	2.521	-1.214
50	C35B	2.035	4.980	-2.945
50	C47B	1.325	2.908	-1.583
50	C54B	2.563	3.861	-1.298
50	C51B	1.958	2.054	-0.096
50	C55B	2.667	3.015	-0.348
	Max	3.350	5.081	1.392
	Average	2.028	2.433	-0.405
	Min	1.070	0.821	-3.324
	Std Dev	0.536	1.036	1.027

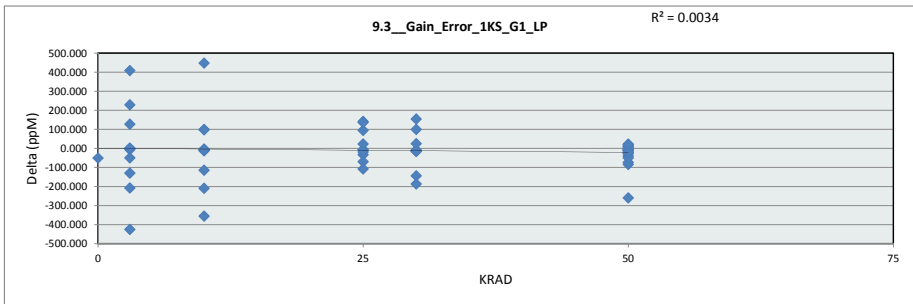


9.2_INLB_1KS_G1_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	400	ppM				
Min Limit	0	ppM				
KRAD	0	3	10	25	30	50
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.678	1.075	1.419	1.308	0.821	2.045
Average	2.678	1.851	2.135	2.009	1.473	3.451
Max	2.678	2.658	2.650	2.760	2.033	5.081
UL	400.000	400.000	400.000	400.000	400.000	400.000

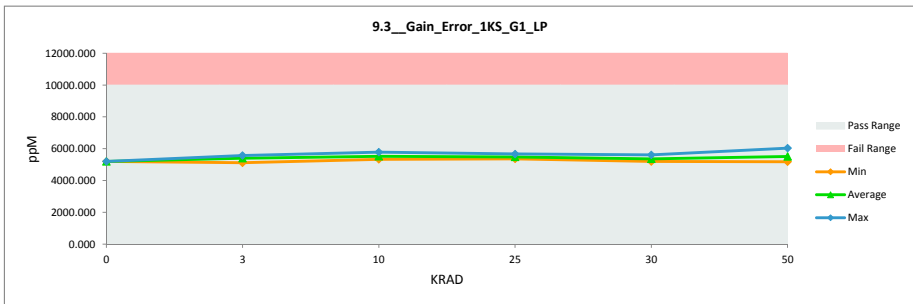


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

9.3_Gain_Error_1KS_G1_LP				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	ppM	ppM		
Max Limit	10000	10000		
Min Limit	0	0		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	5149.218	5199.787	-50.569
3	A142B	5278.169	5279.063	-0.894
3	A141B	5462.222	5468.876	-6.654
3	B78B	5572.413	5571.547	0.866
3	C1B	5102.600	5528.066	-425.466
3	C2B	5519.734	5111.635	408.099
3	A138UB	5519.162	5569.117	-49.955
3	A140UB	5318.052	5525.529	-207.477
3	B21UB	5429.184	5200.242	228.942
3	C7UB	5561.850	5434.770	127.080
3	C31UB	5192.503	5322.692	-130.189
10	A135B	5443.075	5454.419	-11.344
10	A137B	5456.751	5468.666	-11.915
10	B64B	5447.388	5451.199	-3.811
10	C29B	5499.881	5614.608	-114.727
10	C30B	5605.651	5508.243	97.408
10	A133UB	5319.527	5529.212	-209.685
10	A132UB	5422.964	5778.351	-355.387
10	B75UB	5623.838	5629.660	-5.822
10	C27UB	5525.589	5427.330	98.259
10	C25UB	5773.748	5325.774	447.974
25	A131B	5451.306	5356.803	94.503
25	A130B	5352.024	5459.775	-107.751
25	B47B	5658.070	5666.677	-8.607
25	C24B	5380.791	5387.247	-6.456
25	C9B	5579.919	5438.181	141.738
25	A129UB	5431.657	5464.668	-33.011
25	A128UB	5521.736	5591.888	-70.152
25	A118UB	5511.395	5530.200	-18.805
25	C23UB	5458.656	5435.278	23.378
25	C22UB	5583.397	5446.878	136.519
30	333B	5283.604	5292.517	-8.913
30	334B	5262.308	5278.186	-15.878
30	335B	5177.334	5192.671	-15.337
30	336B	5210.022	5221.422	-11.400
30	337B	5435.194	5448.503	-13.309
30	322UB	5420.588	5607.210	-186.622
30	329UB	5597.779	5498.199	99.580
30	330UB	5483.590	5329.872	153.718
30	331UB	5317.988	5293.137	24.851
30	332UB	5283.986	5428.211	-144.225
50	A114B	5198.712	5178.693	20.019
50	A115B	5483.750	5523.791	-40.041
50	A116B	5478.459	5461.547	16.912
50	A120B	5526.892	5787.211	-260.319
50	A121B	5359.547	5387.077	-27.530
50	A123B	5616.574	5624.119	-7.545
50	A124B	5535.766	5548.574	-12.808
50	A189B	5448.588	5449.705	-1.117
50	A190B	5403.441	5487.975	-84.534
50	B41B	5243.629	5245.107	-1.478
50	B38B	5744.605	5754.214	-9.609
50	C20B	5399.780	5412.789	-13.009
50	C10B	5707.854	5781.546	-73.692
50	C15B	5274.598	5299.611	-25.013
50	C13B	6032.417	6030.502	1.915
50	C3B	5395.636	5385.868	9.768
50	C16B	5579.919	5588.267	-8.348
50	C35B	5405.040	5395.234	9.806
50	C47B	5176.372	5226.774	-50.402
50	C54B	5706.217	5716.497	-10.280
50	C51B	5470.285	5492.253	-21.968
50	C55B	5411.736	5389.232	22.504
	Max	6032.417	6030.502	447.974
	Average	5448.011	5459.252	-11.242
	Min	5102.600	5111.635	-425.466
	Std Dev	168.573	172.108	134.536



9.3_Gain_Error_1KS_G1_LP						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10000	ppM				
Min Limit	0	ppM				
KRAD	0	3	10	25	30	50
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	5199.787	5111.635	5325.774	5356.803	5192.671	5178.693
Average	5199.787	5401.154	5518.746	5477.760	5358.993	5507.572
Max	5199.787	5571.547	5778.351	5666.677	5607.210	6030.502
UL	10000.000	10000.000	10000.000	10000.000	10000.000	10000.000



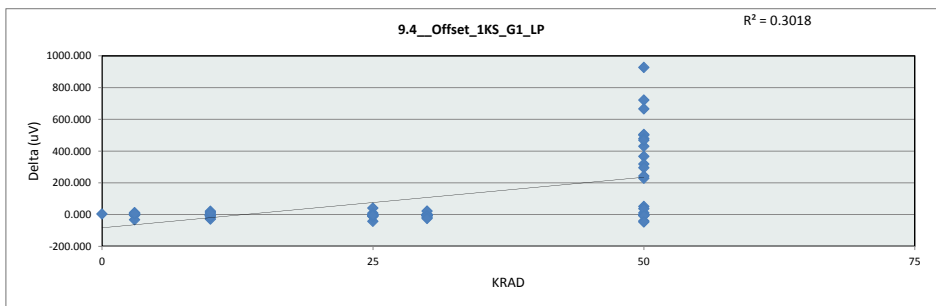
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TID Report

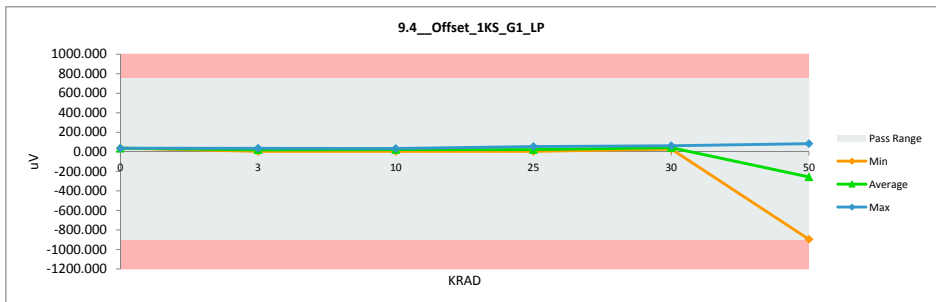
TID HDR Report (3KRad - 50KRad)

All units passed SMD specification limits up to 50kRAD HDR

9.4_Offset_1KS_G1_LP				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	750	750		
Min Limit	-750	-900		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	41.085	36.482	4.603
3	A142B	5.129	6.985	-1.856
3	A141B	15.845	11.378	4.467
3	B78B	18.259	14.847	3.412
3	C1B	24.538	21.081	3.457
3	C2B	21.941	25.187	-3.246
3	A138UB	25.997	15.597	10.400
3	A140UB	27.702	26.011	1.691
3	B21UB	2.823	35.066	-32.243
3	C7UB	16.519	4.197	12.322
3	C31UB	35.254	28.340	6.914
10	A135B	33.946	34.728	-0.782
10	A137B	9.394	14.752	-5.358
10	B64B	22.932	26.693	-3.761
10	C29B	1.509	29.375	-27.866
10	C30B	26.370	4.590	21.780
10	A133UB	12.629	14.975	-2.346
10	A132UB	27.285	31.039	-3.754
10	B75UB	18.088	15.533	2.555
10	C27UB	14.853	28.194	-13.341
10	C25UB	30.282	19.072	11.210
25	A131B	53.798	11.887	41.911
25	A130B	11.208	53.272	-42.064
25	B47B	3.020	4.209	-1.189
25	C24B	18.898	17.476	1.422
25	C9B	22.601	22.880	-0.279
25	A129UB	24.616	15.149	9.467
25	A128UB	21.866	27.634	-5.768
25	A118UB	11.384	19.674	-8.290
25	C23UB	13.372	24.321	-10.949
25	C22UB	30.067	33.945	-3.878
30	333B	45.567	48.345	-2.778
30	334B	50.160	54.244	-4.084
30	335B	26.042	27.463	-1.421
30	336B	31.966	37.204	-5.238
30	337B	33.326	33.299	0.027
30	322UB	57.056	54.367	2.689
30	329UB	51.097	28.915	22.182
30	330UB	23.260	40.336	-17.076
30	331UB	35.514	43.203	-7.689
30	332UB	38.562	62.581	-24.019
50	A114B	4.539	-7.197	11.736
50	A115B	26.802	-24.973	51.775
50	A116B	43.074	82.966	-39.892
50	A120B	37.282	-191.683	228.965
50	A121B	27.031	-340.011	367.042
50	A123B	4.349	-496.762	501.111
50	A124B	37.786	-392.726	430.512
50	A189B	12.382	-306.280	318.662
50	A190B	20.264	-701.098	721.362
50	B41B	17.139	-649.153	666.292
50	B38B	22.583	-483.085	505.668
50	C20B	32.673	-263.305	295.978
50	C10B	6.361	8.910	-2.549
50	C15B	29.695	-897.422	927.117
50	C13B	16.270	-462.722	478.992
50	C3B	26.556	30.231	-3.675
50	C16B	22.601	21.471	1.130
50	C35B	29.215	-439.427	468.642
50	C47B	32.847	-5.199	38.046
50	C54B	0.893	7.081	-6.188
50	C51B	7.802	-235.065	242.867
50	C55B	21.786	68.005	-46.219
	Max	-0.434	-0.421	0.003
	Average	-0.444	-0.437	-0.007
	Min	-0.459	-0.462	-0.017
	Std Dev	0.004	0.007	0.006

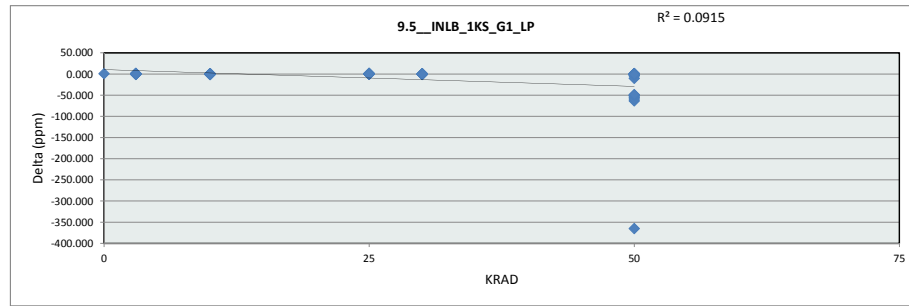


9.4_Offset_1KS_G1_LP						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	750	uV				
Min Limit	-900	uV				
KRAD	0	3	10	25	30	50
LL	-900.000	-900.000	-900.000	-900.000	-900.000	-900.000
Min	36.482	4.197	4.590	4.209	27.463	-897.422
Average	36.482	18.869	21.895	23.045	42.996	-258.066
Max	36.482	35.066	34.728	53.272	62.581	82.966
UL	750.000	750.000	750.000	750.000	750.000	750.000

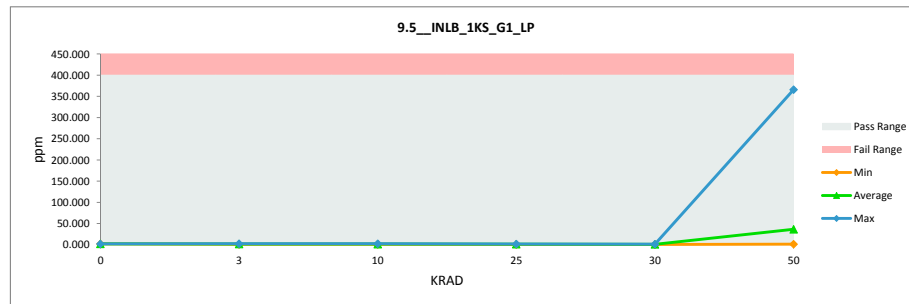


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TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

9.5_INLB_1KS_G1_LP				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	ppm	ppm		
Max Limit	190	400		
Min Limit	0	0		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	2.800	2.119	0.681
3	A142B	2.470	1.396	1.074
3	A141B	1.684	1.193	0.491
3	B78B	1.586	2.002	-0.416
3	C1B	1.953	1.473	0.480
3	C2B	1.675	1.730	-0.055
3	A138UB	2.196	2.255	-0.059
3	A140UB	1.715	2.701	-0.986
3	B21UB	2.583	1.378	1.205
3	C7UB	2.811	1.719	1.092
3	C31UB	1.629	1.298	0.331
10	A135B	1.551	1.217	0.334
10	A137B	2.034	1.105	0.929
10	B64B	1.598	1.697	-0.099
10	C29B	1.113	2.562	-1.449
10	C30B	1.608	2.288	-0.680
10	A133UB	2.225	2.096	0.129
10	A132UB	1.892	1.112	0.780
10	B75UB	2.079	1.464	0.615
10	C27UB	1.280	2.123	-0.843
10	C25UB	1.034	1.053	-0.019
25	A131B	2.434	1.864	0.570
25	A130B	2.893	0.855	2.038
25	B47B	1.810	1.912	-0.102
25	C24B	1.755	1.307	0.448
25	C9B	1.504	1.656	-0.152
25	A129UB	2.274	1.841	0.433
25	A128UB	1.214	1.187	0.027
25	A118UB	2.031	1.732	0.299
25	C23UB	1.558	1.479	0.079
25	C22UB	0.941	1.181	-0.240
30	333B	1.033	1.478	-0.445
30	334B	0.908	0.917	-0.009
30	335B	1.618	1.190	0.428
30	336B	0.732	1.217	-0.485
30	337B	0.522	1.629	-1.107
30	322UB	1.433	0.824	0.609
30	329UB	1.640	1.407	0.233
30	330UB	1.157	0.838	0.319
30	331UB	1.468	1.411	0.057
30	332UB	1.201	1.599	-0.398
50	A114B	0.797	4.362	-3.565
50	A115B	1.738	64.967	-63.229
50	A116B	1.707	5.928	-4.221
50	A120B	0.878	365.663	-364.785
50	A121B	1.545	52.626	-51.081
50	A123B	1.777	2.140	-0.363
50	A124B	1.827	2.754	-0.927
50	A189B	2.893	1.831	1.062
50	A190B	2.350	57.488	-55.138
50	B41B	1.515	1.674	-0.159
50	B38B	1.254	1.381	-0.127
50	C20B	1.685	11.741	-10.056
50	C10B	1.913	60.946	-59.033
50	C15B	2.537	1.548	0.989
50	C13B	3.074	2.390	0.684
50	C3B	2.406	2.529	-0.123
50	C16B	1.504	2.111	-0.607
50	C35B	1.806	2.868	-1.062
50	C47B	1.866	51.534	-49.668
50	C54B	1.897	2.796	-0.899
50	C51B	1.546	53.371	-51.825
50	C55B	1.934	50.736	-48.802
	Max	3.074	365.663	2.038
	Average	1.747	13.760	-12.013
	Min	0.522	0.824	-364.785
	Std Dev	0.566	48.230	48.327



9.5_INLB_1KS_G1_LP						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	400	ppm				
Min Limit	0	ppm				
KRAD	0	3	10	25	30	50
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	2.119	1.193	1.053	0.855	0.824	1.381
Average	2.119	1.715	1.672	1.501	1.251	36.517
Max	2.119	2.701	2.562	1.912	1.629	365.663
UL	400.000	400.000	400.000	400.000	400.000	400.000



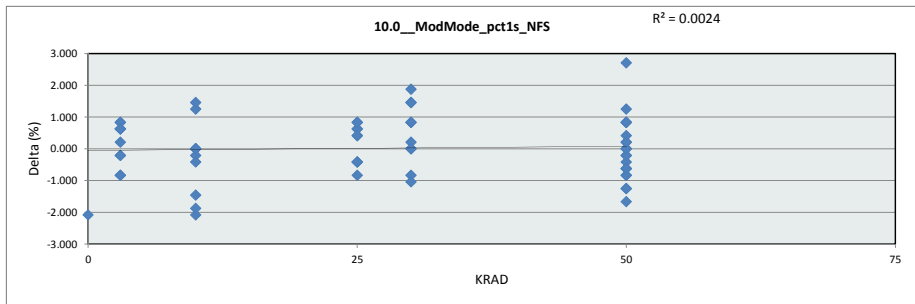
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TID Report

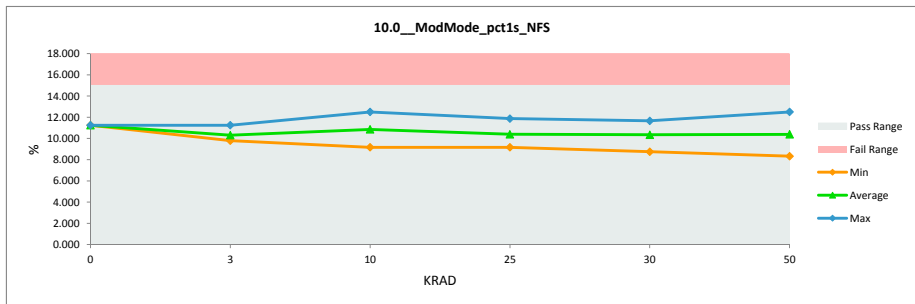
TID HDR Report (3KRad - 50KRad)

All units passed SMD specification limits up to 50kRAD HDR

10.0_ModMode_pct1s_NFS				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	15	15		
Min Limit	0	0		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	9.167	11.250	-2.083
3	A142B	8.958	9.792	-0.834
3	A141B	9.583	9.792	-0.209
3	B78B	10.417	10.625	-0.208
3	C1B	11.250	10.417	0.833
3	C2B	10.000	10.833	-0.833
3	A138UB	11.042	10.208	0.834
3	A140UB	10.833	10.208	0.625
3	B21UB	10.417	9.792	0.625
3	C7UB	11.458	11.250	0.208
3	C31UB	10.833	10.208	0.625
10	A135B	11.250	10.000	1.250
10	A137B	12.083	12.083	0.000
10	B64B	10.000	10.000	0.000
10	C29B	9.792	11.250	-1.458
10	C30B	10.208	10.417	-0.209
10	A133UB	12.292	10.833	1.459
10	A132UB	10.625	11.042	-0.417
10	B75UB	9.167	9.167	0.000
10	C27UB	9.167	11.250	-2.083
10	C25UB	10.625	12.500	-1.875
25	A131B	11.458	10.833	0.625
25	A130B	10.625	11.042	-0.417
25	B47B	9.167	10.000	-0.833
25	C24B	9.792	9.167	0.625
25	C9B	10.625	9.792	0.833
25	A129UB	10.208	10.625	-0.417
25	A128UB	11.042	10.208	0.834
25	A118UB	12.292	11.875	0.417
25	C23UB	10.625	10.208	0.417
25	C22UB	9.792	10.208	-0.416
30	333B	12.083	10.208	1.875
30	334B	10.625	9.792	0.833
30	335B	9.792	9.792	0.000
30	336B	9.792	10.625	-0.833
30	337B	10.833	10.625	0.208
30	322UB	10.625	11.667	-1.042
30	329UB	11.667	10.833	0.834
30	330UB	10.417	10.417	0.000
30	331UB	10.208	8.750	1.458
30	332UB	12.292	10.833	1.459
50	A114B	10.625	9.792	0.833
50	A115B	9.792	9.792	0.000
50	A116B	9.792	10.000	-0.208
50	A120B	10.208	11.458	-1.250
50	A121B	11.250	10.000	1.250
50	A123B	10.208	11.042	-0.834
50	A124B	10.208	10.000	0.208
50	A189B	10.208	9.375	0.833
50	A190B	10.833	11.458	-0.625
50	B41B	9.375	8.958	0.417
50	B38B	9.583	9.583	0.000
50	C20B	11.250	12.500	-1.250
50	C10B	10.417	11.042	-0.625
50	C15B	9.583	10.000	-0.417
50	C13B	10.833	12.500	-1.667
50	C3B	10.208	10.417	-0.209
50	C16B	10.625	9.792	0.833
50	C35B	9.792	10.625	-0.833
50	C47B	10.417	10.417	0.000
50	C54B	10.625	11.250	-0.625
50	C51B	11.042	8.333	2.709
50	C55B	10.417	10.208	0.209
	Max	12.292	12.500	2.709
	Average	10.483	10.460	0.023
	Min	8.958	8.333	-2.083
	Std Dev	0.805	0.870	0.958

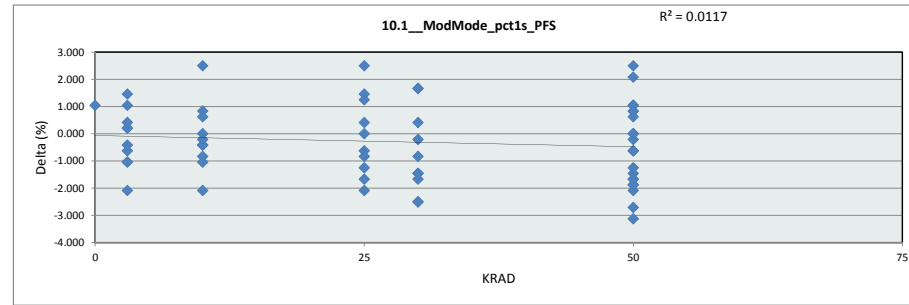


10.0_ModMode_pct1s_NFS						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	15	%				
Min Limit	0	%				
KRAD	0	3	10	25	30	50
LL	0.000	0.000	0.000	0.000	0.000	0.000
Min	11.250	9.792	9.167	9.167	8.750	8.333
Average	11.250	10.313	10.854	10.396	10.354	10.388
Max	11.250	11.250	12.500	11.875	11.667	12.500
UL	15.000	15.000	15.000	15.000	15.000	15.000

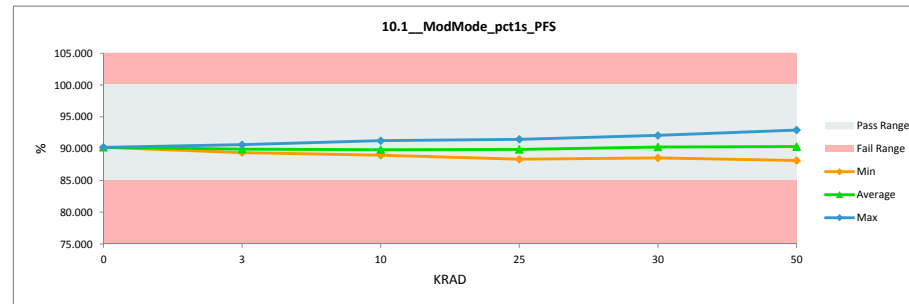


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

10.1_ModMode_pct1s_PFS				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	100	100		
Min Limit	85	85		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	91.250	90.208	1.042
3	A142B	90.625	89.583	1.042
3	A141B	89.792	89.583	0.209
3	B78B	89.167	90.208	-1.041
3	C1B	89.583	89.375	0.208
3	C2B	88.542	89.583	-1.041
3	A138UB	89.792	90.417	-0.625
3	A140UB	90.417	90.000	0.417
3	B21UB	90.833	89.375	1.458
3	C7UB	90.000	90.417	-0.417
3	C31UB	88.542	90.625	-2.083
10	A135B	88.750	89.792	-1.042
10	A137B	89.583	89.583	0.000
10	B64B	89.375	89.792	-0.417
10	C29B	91.458	88.958	2.500
10	C30B	89.792	88.958	0.834
10	A133UB	90.833	91.250	-0.417
10	A132UB	90.208	89.583	0.625
10	B75UB	87.917	90.000	-2.083
10	C27UB	89.167	90.000	-0.833
10	C25UB	90.208	90.417	-0.209
25	A131B	88.333	90.417	-2.084
25	A130B	89.375	90.000	-0.625
25	B47B	89.375	90.208	-0.833
25	C24B	88.750	90.417	-1.667
25	C9B	90.833	88.333	2.500
25	A129UB	90.417	88.958	1.459
25	A128UB	90.625	90.625	0.000
25	A118UB	90.208	89.792	0.416
25	C23UB	89.792	88.542	1.250
25	C22UB	90.208	91.458	-1.250
30	333B	89.167	90.625	-1.458
30	334B	89.792	91.458	-1.666
30	335B	89.583	92.083	-2.500
30	336B	89.583	89.167	0.416
30	337B	90.417	88.750	1.667
30	322UB	89.792	91.250	-1.458
30	329UB	89.375	90.208	-0.833
30	330UB	88.958	91.458	-2.500
30	331UB	90.208	88.542	1.666
30	332UB	88.750	88.958	-0.208
50	A114B	89.792	92.917	-3.125
50	A115B	91.042	90.000	1.042
50	A116B	90.208	89.583	0.625
50	A120B	89.792	90.417	-0.625
50	A121B	87.917	90.000	-2.083
50	A123B	90.000	91.458	-1.458
50	A124B	89.375	88.542	0.833
50	A189B	89.375	91.042	-1.667
50	A190B	90.208	91.458	-1.250
50	B41B	90.000	90.000	0.000
50	B38B	90.625	89.583	1.042
50	C20B	88.958	91.667	-2.709
50	C10B	88.958	90.833	-1.875
50	C15B	90.625	88.125	2.500
50	C13B	88.333	90.208	-1.875
50	C3B	91.042	88.958	2.084
50	C16B	90.833	90.000	0.833
50	C35B	89.583	91.250	-1.667
50	C47B	90.000	88.958	1.042
50	C54B	90.625	90.833	-0.208
50	C51B	90.417	91.042	-0.625
50	C55B	90.000	90.000	0.000
	Max	91.458	92.917	2.500
	Average	89.795	90.093	-0.298
	Min	87.917	88.125	-3.125
	Std Dev	0.813	0.983	1.391

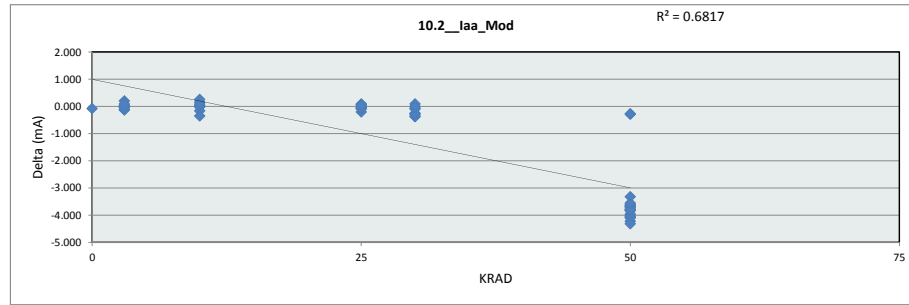


10.1_ModMode_pct1s_PFS						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	100	%				
Min Limit	85	%				
KRAD	0	3	10	25	30	50
LL	85.000	85.000	85.000	85.000	85.000	85.000
Min	90.208	89.375	88.958	88.333	88.542	88.125
Average	90.208	89.917	89.833	89.875	90.250	90.312
Max	90.208	90.625	91.250	91.458	92.083	92.917
UL	100.000	100.000	100.000	100.000	100.000	100.000

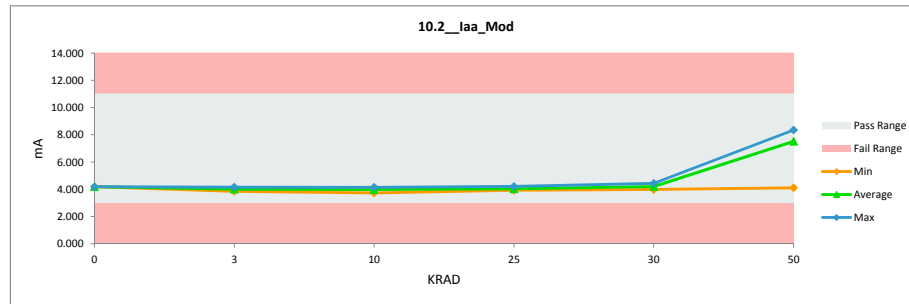


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		10.2_Iaa_Mod		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	11	11		
Min Limit	3	3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	4.099	4.185	-0.086
3	A142B	3.844	3.847	-0.003
3	A141B	3.981	3.983	-0.002
3	B78B	3.924	3.919	0.005
3	C1B	4.008	3.972	0.036
3	C2B	3.969	4.011	-0.042
3	A138UB	4.156	3.955	0.201
3	A140UB	4.039	4.156	-0.117
3	B21UB	3.993	4.130	-0.137
3	C7UB	3.950	3.999	-0.049
3	C31UB	4.135	4.050	0.085
10	A135B	4.027	4.013	0.014
10	A137B	4.077	4.090	-0.013
10	B64B	3.824	3.828	-0.004
10	C29B	3.875	4.042	-0.167
10	C30B	4.033	3.880	0.153
10	A133UB	3.722	4.076	-0.354
10	A132UB	4.076	3.821	0.255
10	B75UB	4.143	4.143	0.000
10	C27UB	4.071	4.079	-0.008
10	C25UB	3.812	3.733	0.079
25	A131B	4.001	3.925	0.076
25	A130B	3.850	4.058	-0.208
25	B47B	4.151	4.207	-0.056
25	C24B	3.951	4.033	-0.082
25	C9B	4.122	4.117	0.005
25	A129UB	4.011	3.946	0.065
25	A128UB	3.979	4.025	-0.046
25	A118UB	4.056	3.974	0.082
25	C23UB	3.932	4.026	-0.094
25	C22UB	3.998	3.988	0.010
30	333B	4.031	4.341	-0.310
30	334B	4.064	4.440	-0.376
30	335B	3.885	4.260	-0.375
30	336B	4.057	4.312	-0.255
30	337B	4.103	4.374	-0.271
30	322UB	4.030	4.044	-0.014
30	329UB	4.024	4.113	-0.089
30	330UB	4.075	3.985	0.090
30	331UB	3.947	4.042	-0.095
30	332UB	4.010	4.024	-0.014
50	A114B	3.818	4.107	-0.289
50	A115B	4.076	8.099	-4.023
50	A116B	4.133	7.797	-3.664
50	A120B	4.113	7.946	-3.833
50	A121B	3.898	7.546	-3.648
50	A123B	3.834	7.442	-3.608
50	A124B	4.168	7.905	-3.737
50	A189B	4.076	7.774	-3.698
50	A190B	4.028	7.708	-3.680
50	B41B	3.978	8.036	-4.058
50	B38B	4.219	8.029	-3.810
50	C20B	3.972	7.930	-3.958
50	C10B	3.769	7.849	-4.080
50	C15B	3.995	8.098	-4.103
50	C13B	3.880	7.706	-3.826
50	C3B	3.910	4.188	-0.278
50	C16B	4.122	8.344	-4.222
50	C35B	4.029	7.810	-3.781
50	C47B	3.964	7.767	-3.803
50	C54B	3.969	8.288	-4.319
50	C51B	3.978	7.303	-3.325
50	C55B	4.017	7.578	-3.561
	Max	4.219	8.344	0.255
	Average	4.000	5.260	-1.261
	Min	3.722	3.733	-4.319
	Std Dev	0.105	1.789	1.781

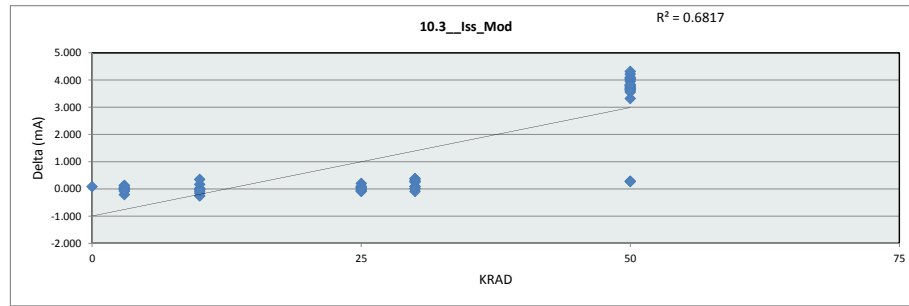


		10.2_Iaa_Mod					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	11	mA					
Min Limit	3	mA					
KRAD	0	3	10	25	30	50	
LL	3.000	3.000	3.000	3.000	3.000	3.000	
Min	4.185	3.847	3.733	3.925	3.985	4.107	
Average	4.185	4.002	3.971	4.030	4.194	7.511	
Max	4.185	4.156	4.143	4.207	4.440	8.344	
UL	11.000	11.000	11.000	11.000	11.000	11.000	

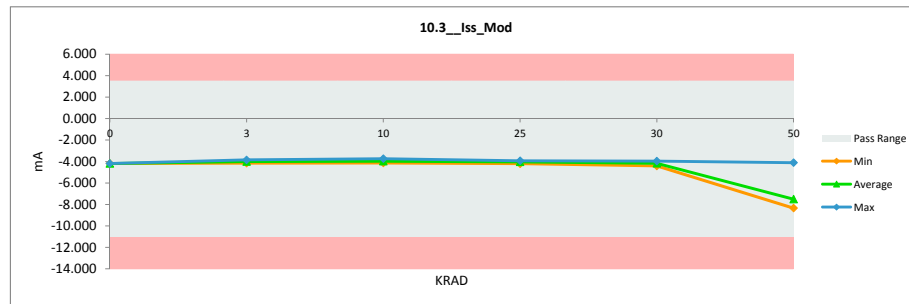


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		10.3_Iss_Mod		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	3.5	3.5		
Min Limit	-11	-11		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-4.097	-4.185	0.088
3	A142B	-3.846	-3.847	0.001
3	A141B	-3.983	-3.983	0.000
3	B78B	-3.925	-3.919	-0.006
3	C1B	-4.009	-3.972	-0.037
3	C2B	-3.971	-4.012	0.041
3	A138UB	-4.159	-3.954	-0.205
3	A140UB	-4.040	-4.154	0.114
3	B21UB	-3.995	-4.129	0.134
3	C7UB	-3.951	-3.999	0.048
3	C31UB	-4.137	-4.050	-0.087
10	A135B	-4.027	-4.012	-0.015
10	A137B	-4.078	-4.089	0.011
10	B64B	-3.826	-3.829	0.003
10	C29B	-3.877	-4.043	0.166
10	C30B	-4.035	-3.879	-0.156
10	A133UB	-3.725	-4.075	0.350
10	A132UB	-4.078	-3.821	-0.257
10	B75UB	-4.144	-4.144	0.000
10	C27UB	-4.072	-4.078	0.006
10	C25UB	-3.813	-3.733	-0.080
25	A131B	-4.002	-3.925	-0.077
25	A130B	-3.851	-4.057	0.206
25	B47B	-4.154	-4.206	0.052
25	C24B	-3.952	-4.033	0.081
25	C9B	-4.123	-4.117	-0.006
25	A129UB	-4.012	-3.946	-0.066
25	A128UB	-3.981	-4.025	0.044
25	A118UB	-4.058	-3.974	-0.084
25	C23UB	-3.933	-4.025	0.092
25	C22UB	-4.000	-3.987	-0.013
30	333B	-4.004	-4.315	0.311
30	334B	-4.041	-4.414	0.373
30	335B	-3.859	-4.237	0.378
30	336B	-4.031	-4.286	0.255
30	337B	-4.079	-4.349	0.270
30	322UB	-4.007	-4.021	0.014
30	329UB	-4.000	-4.088	0.088
30	330UB	-4.052	-3.961	-0.091
30	331UB	-3.923	-4.020	0.097
30	332UB	-3.986	-4.001	0.015
50	A114B	-3.820	-4.105	0.285
50	A115B	-4.078	-8.095	4.017
50	A116B	-4.134	-7.794	3.660
50	A120B	-4.114	-7.946	3.832
50	A121B	-3.898	-7.544	3.646
50	A123B	-3.836	-7.442	3.606
50	A124B	-4.170	-7.902	3.732
50	A189B	-4.078	-7.772	3.694
50	A190B	-4.030	-7.706	3.676
50	B41B	-3.979	-8.033	4.054
50	B38B	-4.221	-8.026	3.805
50	C20B	-3.974	-7.929	3.955
50	C10B	-3.771	-7.849	4.078
50	C15B	-3.997	-8.095	4.098
50	C13B	-3.883	-7.703	3.820
50	C3B	-3.912	-4.187	0.275
50	C16B	-4.123	-8.343	4.220
50	C35B	-4.031	-7.810	3.779
50	C47B	-3.966	-7.764	3.798
50	C54B	-3.972	-8.287	4.315
50	C51B	-3.980	-7.302	3.322
50	C55B	-4.018	-7.575	3.557
	Max	-3.725	-3.733	4.315
	Average	-3.997	-5.256	1.258
	Min	-4.221	-8.343	-0.257
	Std Dev	0.105	1.791	1.780

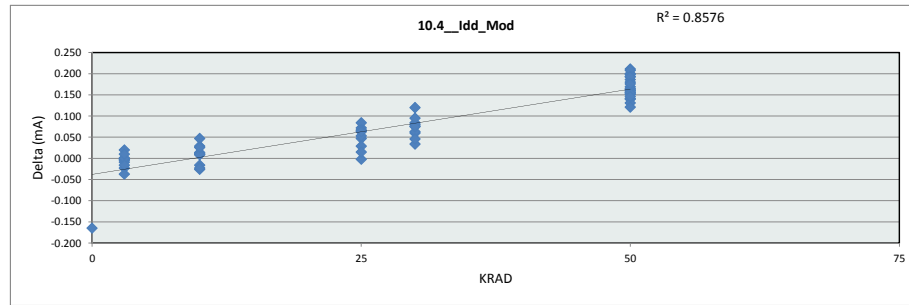


		10.3_Iss_Mod					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	3.5	mA					
Min Limit	-11	mA					
KRAD	0	3	10	25	30	50	
LL	-11.000	-11.000	-11.000	-11.000	-11.000	-11.000	
Min	-4.185	-4.154	-4.144	-4.206	-4.414	-8.343	
Average	-4.185	-4.002	-3.970	-4.030	-4.169	-7.510	
Max	-4.185	-3.847	-3.733	-3.925	-3.961	-4.105	
UL	3.500	3.500	3.500	3.500	3.500	3.500	

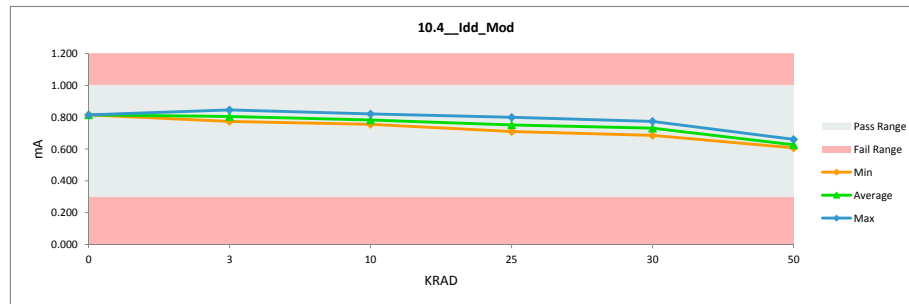


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		10.4_Idd_Mod		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	1	1		
Min Limit	0.3	0.3		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.650	0.815	-0.165
3	A142B	0.764	0.773	-0.009
3	A141B	0.814	0.813	0.001
3	B78B	0.823	0.846	-0.023
3	C1B	0.799	0.803	-0.004
3	C2B	0.797	0.800	-0.003
3	A138UB	0.812	0.812	0.000
3	A140UB	0.782	0.819	-0.037
3	B21UB	0.786	0.802	-0.016
3	C7UB	0.809	0.789	0.020
3	C31UB	0.795	0.785	0.010
10	A135B	0.796	0.782	0.014
10	A137B	0.767	0.758	0.009
10	B64B	0.805	0.821	-0.016
10	C29B	0.797	0.785	0.012
10	C30B	0.796	0.787	0.009
10	A133UB	0.802	0.773	0.029
10	A132UB	0.802	0.755	0.047
10	B75UB	0.811	0.785	0.026
10	C27UB	0.768	0.794	-0.026
10	C25UB	0.762	0.785	-0.023
25	A131B	0.822	0.757	0.065
25	A130B	0.798	0.800	-0.002
25	B47B	0.817	0.770	0.047
25	C24B	0.796	0.743	0.053
25	C9B	0.814	0.742	0.072
25	A129UB	0.781	0.752	0.029
25	A128UB	0.794	0.710	0.084
25	A118UB	0.814	0.747	0.067
25	C23UB	0.794	0.731	0.063
25	C22UB	0.781	0.766	0.015
30	333B	0.720	0.686	0.034
30	334B	0.834	0.774	0.060
30	335B	0.779	0.716	0.063
30	336B	0.853	0.773	0.080
30	337B	0.776	0.700	0.076
30	322UB	0.816	0.732	0.084
30	329UB	0.812	0.717	0.095
30	330UB	0.820	0.745	0.075
30	331UB	0.834	0.714	0.120
30	332UB	0.803	0.757	0.046
50	A114B	0.784	0.644	0.140
50	A115B	0.812	0.612	0.200
50	A116B	0.808	0.657	0.151
50	A120B	0.796	0.655	0.141
50	A121B	0.779	0.617	0.162
50	A123B	0.784	0.615	0.169
50	A124B	0.819	0.621	0.198
50	A189B	0.800	0.614	0.186
50	A190B	0.777	0.612	0.165
50	B41B	0.829	0.618	0.211
50	B38B	0.829	0.621	0.208
50	C20B	0.801	0.608	0.193
50	C10B	0.781	0.621	0.160
50	C15B	0.807	0.627	0.180
50	C13B	0.761	0.607	0.154
50	C3B	0.782	0.651	0.131
50	C16B	0.814	0.657	0.157
50	C35B	0.816	0.661	0.155
50	C47B	0.807	0.614	0.193
50	C54B	0.742	0.621	0.121
50	C51B	0.766	0.620	0.146
50	C55B	0.794	0.618	0.176
	Max	0.853	0.846	0.211
	Average	0.795	0.719	0.076
	Min	0.650	0.607	-0.165
	Std Dev	0.029	0.075	0.080

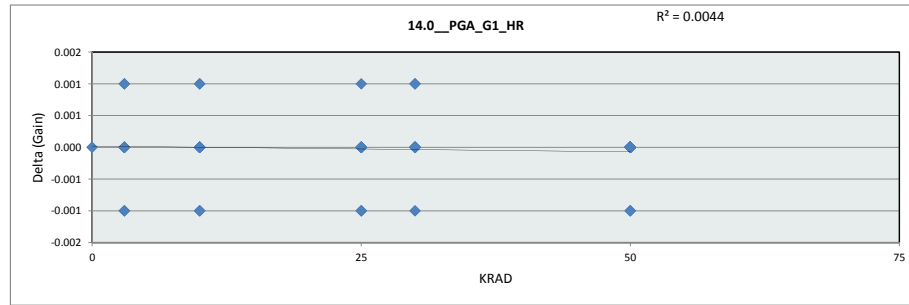


		10.4_Idd_Mod					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Unit	mA						
Max Limit	1						
Min Limit	0.3						
KRAD	0	3	10	25	30	50	
LL	0.300	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.815	0.773	0.755	0.710	0.686	0.607	
Average	0.815	0.804	0.783	0.752	0.731	0.627	
Max	0.815	0.846	0.821	0.800	0.774	0.661	
UL	1.000	1.000	1.000	1.000	1.000	1.000	1.000

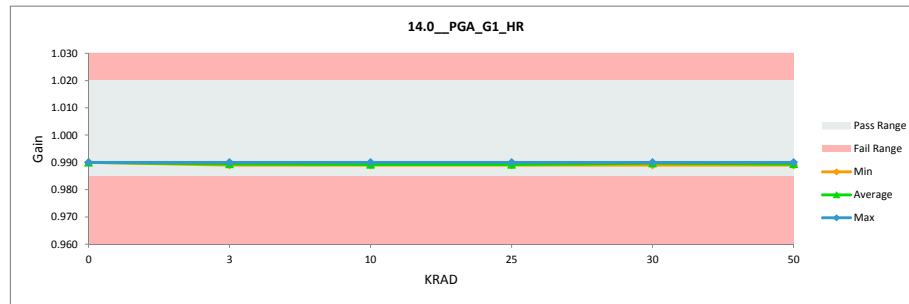


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.0_PGA_G1_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	1.02	1.02		
Min Limit	0.985	0.985		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.990	0.990	0.000
3	A142B	0.989	0.989	0.000
3	A141B	0.989	0.989	0.000
3	B78B	0.989	0.989	0.000
3	C1B	0.990	0.989	0.001
3	C2B	0.989	0.990	-0.001
3	A138UB	0.989	0.989	0.000
3	A140UB	0.990	0.989	0.001
3	B21UB	0.990	0.990	0.000
3	C7UB	0.989	0.990	-0.001
3	C31UB	0.990	0.990	0.000
10	A135B	0.989	0.989	0.000
10	A137B	0.989	0.989	0.000
10	B64B	0.989	0.989	0.000
10	C29B	0.989	0.989	0.000
10	C30B	0.989	0.989	0.000
10	A133UB	0.990	0.989	0.001
10	A132UB	0.990	0.989	0.001
10	B75UB	0.989	0.989	0.000
10	C27UB	0.989	0.990	-0.001
10	C25UB	0.989	0.990	-0.001
25	A131B	0.990	0.989	0.001
25	A130B	0.989	0.990	-0.001
25	B47B	0.989	0.989	0.000
25	C24B	0.989	0.989	0.000
25	C9B	0.989	0.989	0.000
25	A129UB	0.989	0.989	0.000
25	A128UB	0.989	0.989	0.000
25	A118UB	0.989	0.989	0.000
25	C23UB	0.989	0.989	0.000
25	C22UB	0.989	0.990	-0.001
30	333B	0.990	0.990	0.000
30	334B	0.990	0.990	0.000
30	335B	0.990	0.990	0.000
30	336B	0.990	0.990	0.000
30	337B	0.990	0.989	0.001
30	322UB	0.990	0.989	0.001
30	329UB	0.989	0.989	0.000
30	330UB	0.989	0.990	-0.001
30	331UB	0.990	0.990	0.000
30	332UB	0.990	0.990	0.000
50	A114B	0.990	0.990	0.000
50	A115B	0.989	0.989	0.000
50	A116B	0.990	0.990	0.000
50	A120B	0.989	0.989	0.000
50	A121B	0.990	0.990	0.000
50	A123B	0.989	0.989	0.000
50	A124B	0.989	0.989	0.000
50	A189B	0.989	0.989	0.000
50	A190B	0.989	0.989	0.000
50	B41B	0.990	0.990	0.000
50	B38B	0.989	0.989	0.000
50	C20B	0.989	0.989	0.000
50	C10B	0.989	0.989	0.000
50	C15B	0.990	0.990	0.000
50	C13B	0.989	0.989	0.000
50	C3B	0.989	0.990	-0.001
50	C16B	0.989	0.989	0.000
50	C35B	0.990	0.990	0.000
50	C47B	0.990	0.990	0.000
50	C54B	0.989	0.989	0.000
50	C51B	0.989	0.989	0.000
50	C55B	0.989	0.990	-0.001
	Max	0.990	0.990	0.001
	Average	0.989	0.989	0.000
	Min	0.989	0.989	-0.001
	Std Dev	0.000	0.000	0.001



14.0_PGA_G1_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	1.02	Gain				
Min Limit	0.985	Gain				
KRAD	0	3	10	25	30	50
LL	0.985	0.985	0.985	0.985	0.985	0.985
Min	0.990	0.989	0.989	0.989	0.989	0.989
Average	0.990	0.989	0.989	0.989	0.990	0.989
Max	0.990	0.990	0.990	0.990	0.990	0.990
UL	1.020	1.020	1.020	1.020	1.020	1.020



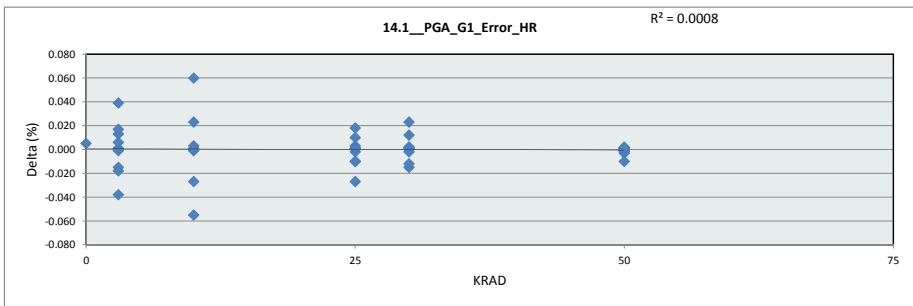
ADS1282-RHA

TID Report

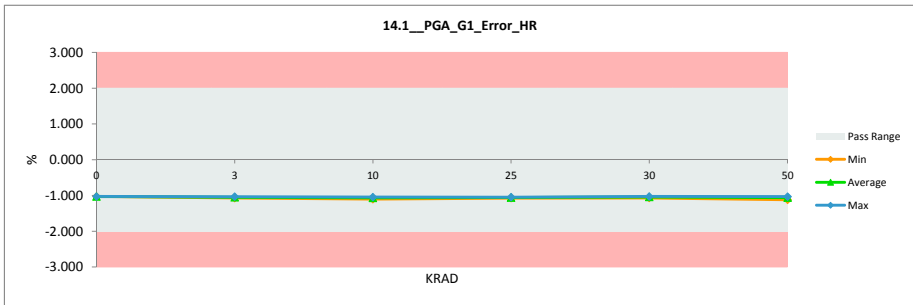
TID HDR Report (3KRad - 50KRad)

All units passed SMD specification limits up to 50kRAD HDR

14.1_PGA_G1_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-1.022	-1.027	0.005
3	A142B	-1.051	-1.051	0.000
3	A141B	-1.052	-1.053	0.001
3	B78B	-1.073	-1.072	-0.001
3	C1B	-1.032	-1.071	0.039
3	C2B	-1.071	-1.033	-0.038
3	A138UB	-1.053	-1.066	0.013
3	A140UB	-1.037	-1.054	0.017
3	B21UB	-1.048	-1.033	-0.015
3	C7UB	-1.066	-1.048	-0.018
3	C31UB	-1.032	-1.038	0.006
10	A135B	-1.057	-1.057	0.000
10	A137B	-1.054	-1.055	0.001
10	B64B	-1.060	-1.060	0.000
10	C29B	-1.073	-1.076	0.003
10	C30B	-1.075	-1.074	-0.001
10	A133UB	-1.048	-1.071	0.023
10	A132UB	-1.043	-1.103	0.060
10	B75UB	-1.071	-1.071	0.000
10	C27UB	-1.071	-1.044	-0.027
10	C25UB	-1.103	-1.048	-0.055
25	A131B	-1.048	-1.051	0.003
25	A130B	-1.051	-1.049	-0.002
25	B47B	-1.072	-1.073	0.001
25	C24B	-1.052	-1.053	0.001
25	C9B	-1.069	-1.059	-0.010
25	A129UB	-1.052	-1.062	0.010
25	A128UB	-1.056	-1.074	0.018
25	A118UB	-1.056	-1.057	0.001
25	C23UB	-1.062	-1.052	-0.010
25	C22UB	-1.074	-1.047	-0.027
30	333B	-1.039	-1.039	0.000
30	334B	-1.031	-1.033	0.002
30	335B	-1.034	-1.036	0.002
30	336B	-1.027	-1.028	0.001
30	337B	-1.049	-1.050	0.001
30	322UB	-1.046	-1.069	0.023
30	329UB	-1.068	-1.053	-0.015
30	330UB	-1.051	-1.039	-0.012
30	331UB	-1.038	-1.036	-0.002
30	332UB	-1.035	-1.047	0.012
50	A114B	-1.041	-1.039	-0.002
50	A115B	-1.052	-1.052	0.000
50	A116B	-1.050	-1.047	-0.003
50	A120B	-1.061	-1.060	-0.001
50	A121B	-1.043	-1.042	-0.001
50	A123B	-1.083	-1.084	0.001
50	A124B	-1.055	-1.055	0.000
50	A189B	-1.057	-1.057	0.000
50	A190B	-1.051	-1.052	0.001
50	B41B	-1.029	-1.030	0.001
50	B38B	-1.082	-1.082	0.000
50	C20B	-1.053	-1.053	0.000
50	C10B	-1.103	-1.104	0.001
50	C15B	-1.037	-1.039	0.002
50	C13B	-1.123	-1.122	-0.001
50	C3B	-1.051	-1.050	-0.001
50	C16B	-1.069	-1.070	0.001
50	C35B	-1.049	-1.048	-0.001
50	C47B	-1.035	-1.035	0.000
50	C54B	-1.090	-1.091	0.001
50	C51B	-1.059	-1.060	0.001
50	C55B	-1.058	-1.048	-0.010
	Max	-1.022	-1.027	0.060
	Average	-1.056	-1.056	0.000
	Min	-1.123	-1.122	-0.055
	Std Dev	0.019	0.019	0.015



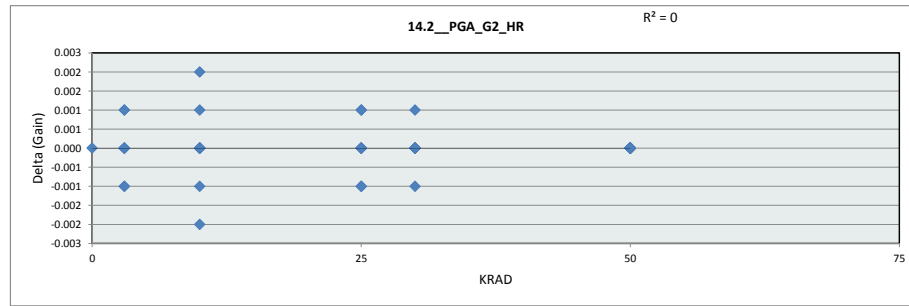
14.1_PGA_G1_Error_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	2	%				
Min Limit	-2	%				
KRAD	0	3	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-1.027	-1.072	-1.103	-1.074	-1.069	-1.122
Average	-1.027	-1.052	-1.066	-1.058	-1.043	-1.060
Max	-1.027	-1.033	-1.044	-1.047	-1.028	-1.030
UL	2.000	2.000	2.000	2.000	2.000	2.000



ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

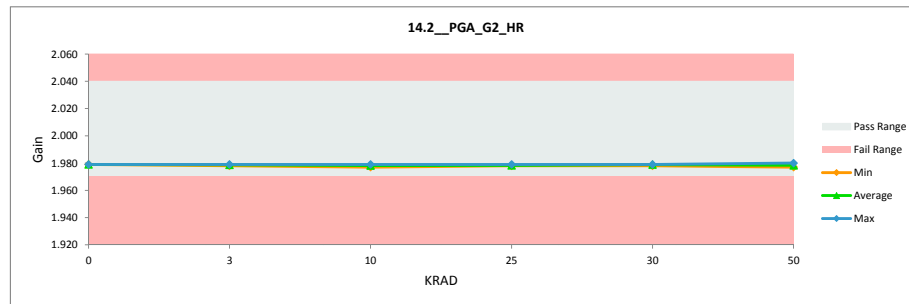
14.2_PGA_G2_HR		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	Gain	Gain
Max Limit	2.04	2.04
Min Limit	1.97	1.97

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	1.979	1.979	0.000
3	A142B	1.979	1.979	0.000
3	A141B	1.979	1.979	0.000
3	B78B	1.978	1.978	0.000
3	C1B	1.979	1.978	0.001
3	C2B	1.978	1.979	-0.001
3	A138UB	1.979	1.978	0.001
3	A140UB	1.979	1.979	0.000
3	B21UB	1.979	1.979	0.000
3	C7UB	1.978	1.979	-0.001
3	C31UB	1.979	1.979	0.000
10	A135B	1.979	1.979	0.000
10	A137B	1.978	1.978	0.000
10	B64B	1.978	1.978	0.000
10	C29B	1.978	1.978	0.000
10	C30B	1.978	1.978	0.000
10	A133UB	1.979	1.978	0.001
10	A132UB	1.979	1.977	0.002
10	B75UB	1.978	1.978	0.000
10	C27UB	1.978	1.979	-0.001
10	C25UB	1.977	1.979	-0.002
25	A131B	1.979	1.978	0.001
25	A130B	1.978	1.979	-0.001
25	B47B	1.978	1.978	0.000
25	C24B	1.978	1.978	0.000
25	C9B	1.978	1.978	0.000
25	A129UB	1.978	1.978	0.000
25	A128UB	1.979	1.978	0.001
25	A118UB	1.979	1.979	0.000
25	C23UB	1.978	1.978	0.000
25	C22UB	1.978	1.979	-0.001
30	333B	1.979	1.979	0.000
30	334B	1.979	1.979	0.000
30	335B	1.979	1.979	0.000
30	336B	1.979	1.979	0.000
30	337B	1.979	1.979	0.000
30	322UB	1.979	1.978	0.001
30	329UB	1.978	1.979	-0.001
30	330UB	1.979	1.979	0.000
30	331UB	1.979	1.979	0.000
30	332UB	1.979	1.979	0.000
50	A114B	1.979	1.979	0.000
50	A115B	1.978	1.978	0.000
50	A116B	1.979	1.979	0.000
50	A120B	1.978	1.978	0.000
50	A121B	1.979	1.979	0.000
50	A123B	1.978	1.978	0.000
50	A124B	1.979	1.979	0.000
50	A189B	1.978	1.978	0.000
50	A190B	1.978	1.978	0.000
50	B41B	1.980	1.980	0.000
50	B38B	1.978	1.978	0.000
50	C20B	1.978	1.978	0.000
50	C10B	1.977	1.977	0.000
50	C15B	1.979	1.979	0.000
50	C13B	1.977	1.977	0.000
50	C3B	1.979	1.979	0.000
50	C16B	1.978	1.978	0.000
50	C35B	1.979	1.979	0.000
50	C47B	1.979	1.979	0.000
50	C54B	1.978	1.978	0.000
50	C51B	1.978	1.978	0.000
50	C55B	1.978	1.978	0.000
	Max	1.980	1.980	0.002
	Average	1.978	1.978	0.000
	Min	1.977	1.977	-0.002
	Std Dev	0.001	0.001	0.001



14.2_PGA_G2_HR		
Test Site	CLAB	0.000
Tester	EAGLE3	0.000
Test Number	EF651300	0.000
Max Limit	2.04	Gain
Min Limit	1.97	Gain

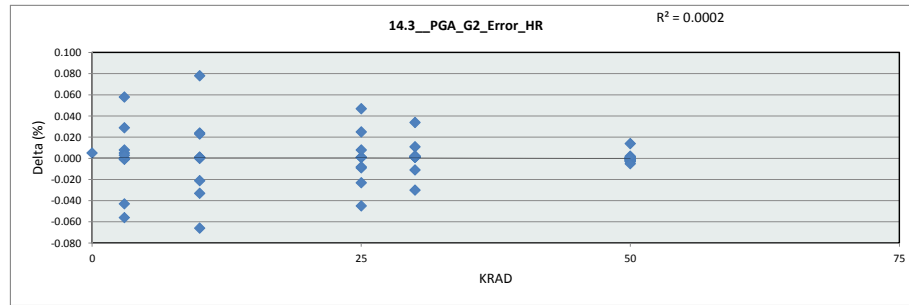
KRAD	0	3	10	25	30	50
LL	1.970	1.970	1.970	1.970	1.970	1.970
Min	1.979	1.978	1.977	1.978	1.978	1.977
Average	1.979	1.979	1.978	1.978	1.979	1.978
Max	1.979	1.979	1.979	1.979	1.979	1.980
UL	2.040	2.040	2.040	2.040	2.040	2.040



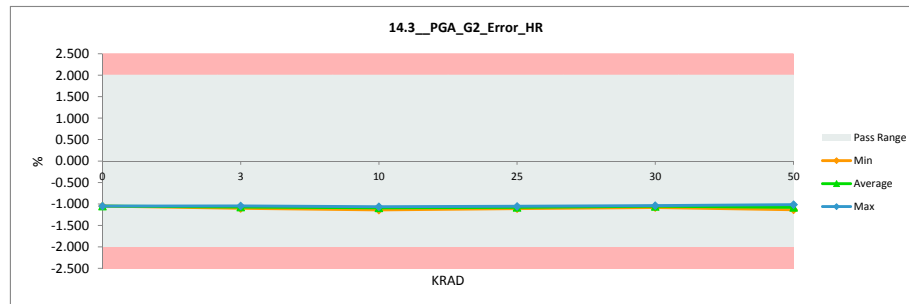
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.3_PGA_G2_Error_HR			
Test Site	CLAB	CLAB	
Tester	EAGLE3	EAGLE3	
Test Number	EF651300	EF651300	
Unit	%	%	
Max Limit	2	2	
Min Limit	-2	-2	

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-1.044	-1.049	0.005
3	A142B	-1.074	-1.074	0.000
3	A141B	-1.068	-1.068	0.000
3	B78B	-1.092	-1.091	-0.001
3	C1B	-1.044	-1.102	0.058
3	C2B	-1.101	-1.045	-0.056
3	A138UB	-1.063	-1.092	0.029
3	A140UB	-1.056	-1.064	0.008
3	B21UB	-1.049	-1.054	0.005
3	C7UB	-1.092	-1.049	-0.043
3	C31UB	-1.054	-1.057	0.003
10	A135B	-1.069	-1.070	0.001
10	A137B	-1.077	-1.078	0.001
10	B64B	-1.077	-1.077	0.000
10	C29B	-1.112	-1.091	-0.021
10	C30B	-1.090	-1.114	0.024
10	A133UB	-1.072	-1.095	0.023
10	A132UB	-1.062	-1.140	0.078
10	B75UB	-1.098	-1.099	0.001
10	C27UB	-1.095	-1.062	-0.033
10	C25UB	-1.139	-1.073	-0.066
25	A131B	-1.053	-1.078	0.025
25	A130B	-1.077	-1.054	-0.023
25	B47B	-1.102	-1.103	0.001
25	C24B	-1.077	-1.078	0.001
25	C9B	-1.075	-1.076	0.001
25	A129UB	-1.077	-1.085	0.008
25	A128UB	-1.060	-1.107	0.047
25	A118UB	-1.070	-1.061	-0.009
25	C23UB	-1.085	-1.077	-0.008
25	C22UB	-1.106	-1.061	-0.045
30	333B	-1.053	-1.054	0.001
30	334B	-1.037	-1.039	0.002
30	335B	-1.073	-1.074	0.001
30	336B	-1.046	-1.047	0.001
30	337B	-1.057	-1.059	0.002
30	322UB	-1.048	-1.082	0.034
30	329UB	-1.081	-1.051	-0.030
30	330UB	-1.049	-1.038	-0.011
30	331UB	-1.037	-1.048	0.011
30	332UB	-1.046	-1.048	0.002
50	A114B	-1.069	-1.066	-0.003
50	A115B	-1.077	-1.076	-0.001
50	A116B	-1.063	-1.061	-0.002
50	A120B	-1.080	-1.077	-0.003
50	A121B	-1.052	-1.051	-0.001
50	A123B	-1.120	-1.120	0.000
50	A124B	-1.062	-1.062	0.000
50	A189B	-1.078	-1.077	-0.001
50	A190B	-1.078	-1.079	0.001
50	B41B	-1.015	-1.015	0.000
50	B38B	-1.102	-1.102	0.000
50	C20B	-1.082	-1.082	0.000
50	C10B	-1.130	-1.131	0.001
50	C15B	-1.048	-1.049	0.001
50	C13B	-1.135	-1.135	0.000
50	C3B	-1.055	-1.053	-0.002
50	C16B	-1.075	-1.075	0.000
50	C35B	-1.057	-1.055	-0.002
50	C47B	-1.056	-1.058	0.002
50	C54B	-1.119	-1.120	0.001
50	C51B	-1.099	-1.094	-0.005
50	C55B	-1.079	-1.093	0.014
	Max	-1.015	-1.015	0.078
	Average	-1.074	-1.075	0.000
	Min	-1.139	-1.140	-0.066
	Std Dev	0.025	0.025	0.022

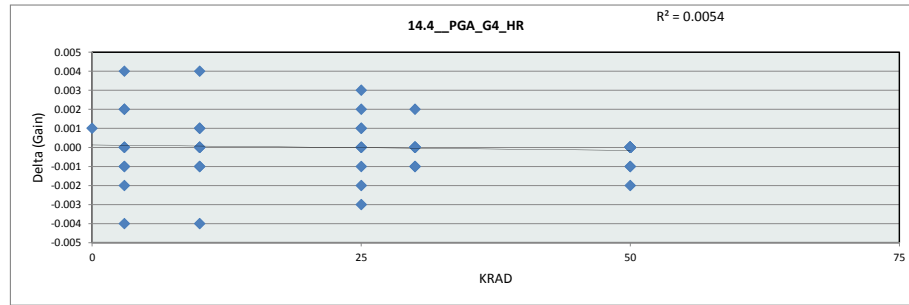


14.3_PGA_G2_Error_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	2	%				
Min Limit	-2	%				
KRAD	0	3	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-1.049	-1.102	-1.140	-1.107	-1.082	-1.135
Average	-1.049	-1.070	-1.090	-1.078	-1.054	-1.079
Max	-1.049	-1.045	-1.062	-1.054	-1.038	-1.015
UL	2.000	2.000	2.000	2.000	2.000	2.000

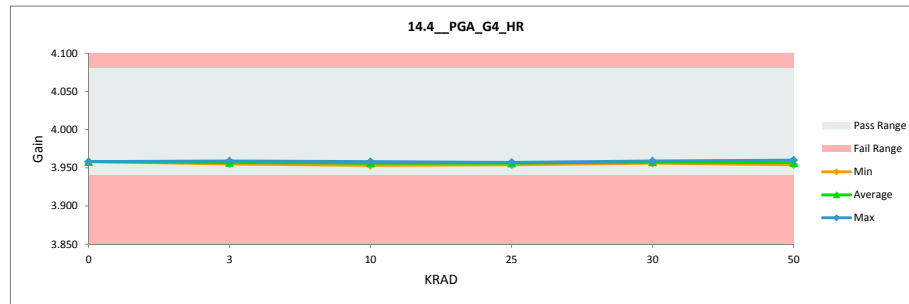


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.4_PGA_G4_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	4.08	4.08		
Min Limit	3.94	3.94		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	3.959	3.958	0.001
3	A142B	3.957	3.957	0.000
3	A141B	3.956	3.956	0.000
3	B78B	3.957	3.957	0.000
3	C1B	3.959	3.955	0.004
3	C2B	3.955	3.959	-0.004
3	A138UB	3.958	3.956	0.002
3	A140UB	3.956	3.958	-0.002
3	B21UB	3.957	3.958	-0.001
3	C7UB	3.956	3.957	-0.001
3	C31UB	3.958	3.956	0.002
10	A135B	3.956	3.956	0.000
10	A137B	3.956	3.956	0.000
10	B64B	3.958	3.958	0.000
10	C29B	3.955	3.956	-0.001
10	C30B	3.956	3.955	0.001
10	A133UB	3.957	3.956	0.001
10	A132UB	3.957	3.953	0.004
10	B75UB	3.957	3.957	0.000
10	C27UB	3.956	3.957	-0.001
10	C25UB	3.953	3.957	-0.004
25	A131B	3.957	3.954	0.003
25	A130B	3.954	3.957	-0.003
25	B47B	3.956	3.956	0.000
25	C24B	3.957	3.957	0.000
25	C9B	3.958	3.957	0.001
25	A129UB	3.956	3.955	0.001
25	A128UB	3.957	3.955	0.002
25	A118UB	3.957	3.957	0.000
25	C23UB	3.955	3.956	-0.001
25	C22UB	3.955	3.957	-0.002
30	333B	3.958	3.958	0.000
30	334B	3.958	3.958	0.000
30	335B	3.956	3.956	0.000
30	336B	3.959	3.959	0.000
30	337B	3.958	3.958	0.000
30	322UB	3.956	3.956	0.000
30	329UB	3.956	3.957	-0.001
30	330UB	3.957	3.958	-0.001
30	331UB	3.958	3.958	0.000
30	332UB	3.958	3.956	0.002
50	A114B	3.955	3.956	-0.001
50	A115B	3.957	3.957	0.000
50	A116B	3.956	3.956	0.000
50	A120B	3.957	3.957	0.000
50	A121B	3.957	3.957	0.000
50	A123B	3.954	3.954	0.000
50	A124B	3.957	3.957	0.000
50	A189B	3.955	3.955	0.000
50	A190B	3.956	3.956	0.000
50	B41B	3.957	3.957	0.000
50	B38B	3.957	3.957	0.000
50	C20B	3.957	3.957	0.000
50	C10B	3.954	3.954	0.000
50	C15B	3.960	3.960	0.000
50	C13B	3.955	3.955	0.000
50	C3B	3.957	3.957	0.000
50	C16B	3.958	3.958	0.000
50	C35B	3.958	3.959	-0.001
50	C47B	3.959	3.959	0.000
50	C54B	3.954	3.954	0.000
50	C51B	3.956	3.956	0.000
50	C55B	3.955	3.957	-0.002
	Max	3.960	3.960	0.004
	Average	3.957	3.957	0.000
	Min	3.953	3.953	-0.004
	Std Dev	0.001	0.001	0.001

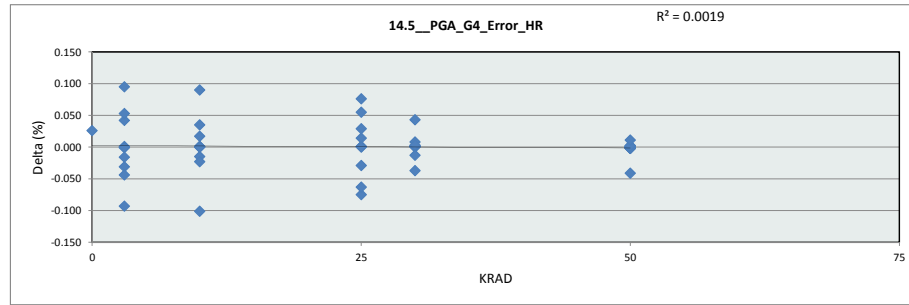


14.4_PGA_G4_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	4.08	Gain				
Min Limit	3.94	Gain				
KRAD	0	3	10	25	30	50
LL	3.940	3.940	3.940	3.940	3.940	3.940
Min	3.958	3.955	3.953	3.954	3.956	3.954
Average	3.958	3.957	3.956	3.956	3.957	3.957
Max	3.958	3.959	3.958	3.957	3.959	3.960
UL	4.080	4.080	4.080	4.080	4.080	4.080

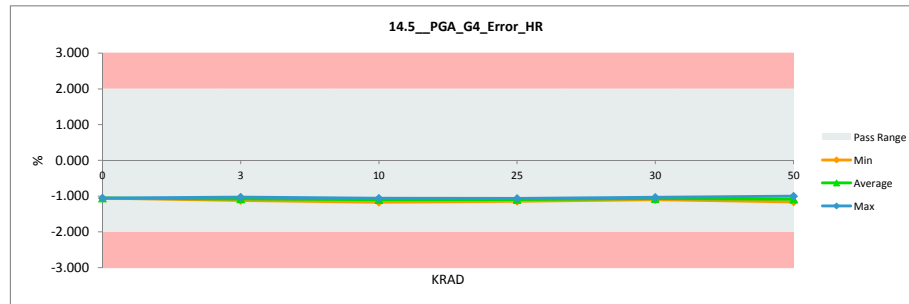


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.5_PGA_G4_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-1.029	-1.055	0.026
3	A142B	-1.084	-1.084	0.000
3	A141B	-1.090	-1.091	0.001
3	B78B	-1.075	-1.074	-0.001
3	C1B	-1.026	-1.121	0.095
3	C2B	-1.119	-1.026	-0.093
3	A138UB	-1.058	-1.100	0.042
3	A140UB	-1.091	-1.060	-0.031
3	B21UB	-1.083	-1.039	-0.044
3	C7UB	-1.100	-1.084	-0.016
3	C31UB	-1.039	-1.092	0.053
10	A135B	-1.092	-1.092	0.000
10	A137B	-1.100	-1.101	0.001
10	B64B	-1.059	-1.060	0.001
10	C29B	-1.120	-1.105	-0.015
10	C30B	-1.105	-1.122	0.017
10	A133UB	-1.069	-1.104	0.035
10	A132UB	-1.082	-1.172	0.090
10	B75UB	-1.079	-1.079	0.000
10	C27UB	-1.104	-1.081	-0.023
10	C25UB	-1.172	-1.071	-0.101
25	A131B	-1.067	-1.143	0.076
25	A130B	-1.142	-1.067	-0.075
25	B47B	-1.110	-1.111	0.001
25	C24B	-1.069	-1.070	0.001
25	C9B	-1.049	-1.063	0.014
25	A129UB	-1.093	-1.122	0.029
25	A128UB	-1.071	-1.126	0.055
25	A118UB	-1.072	-1.072	0.000
25	C23UB	-1.121	-1.092	-0.029
25	C22UB	-1.126	-1.063	-0.063
30	333B	-1.056	-1.056	0.000
30	334B	-1.058	-1.060	0.002
30	335B	-1.097	-1.098	0.001
30	336B	-1.033	-1.034	0.001
30	337B	-1.052	-1.053	0.001
30	322UB	-1.090	-1.098	0.008
30	329UB	-1.097	-1.084	-0.013
30	330UB	-1.083	-1.046	-0.037
30	331UB	-1.045	-1.048	0.003
30	332UB	-1.048	-1.091	0.043
50	A114B	-1.114	-1.112	-0.002
50	A115B	-1.072	-1.072	0.000
50	A116B	-1.094	-1.092	-0.002
50	A120B	-1.083	-1.082	-0.001
50	A121B	-1.080	-1.079	-0.001
50	A123B	-1.148	-1.148	0.000
50	A124B	-1.063	-1.064	0.001
50	A189B	-1.127	-1.126	-0.001
50	A190B	-1.105	-1.105	0.000
50	B41B	-1.067	-1.066	-0.001
50	B38B	-1.071	-1.071	0.000
50	C20B	-1.074	-1.073	-0.001
50	C10B	-1.159	-1.161	0.002
50	C15B	-0.999	-1.000	0.001
50	C13B	-1.114	-1.114	0.000
50	C3B	-1.082	-1.081	-0.001
50	C16B	-1.049	-1.051	0.002
50	C35B	-1.039	-1.037	-0.002
50	C47B	-1.033	-1.034	0.001
50	C54B	-1.153	-1.155	0.002
50	C51B	-1.089	-1.100	0.011
50	C55B	-1.122	-1.081	-0.041
	Max	-0.999	-1.000	0.095
	Average	-1.084	-1.084	0.000
	Min	-1.172	-1.172	-0.101
	Std Dev	0.034	0.034	0.034

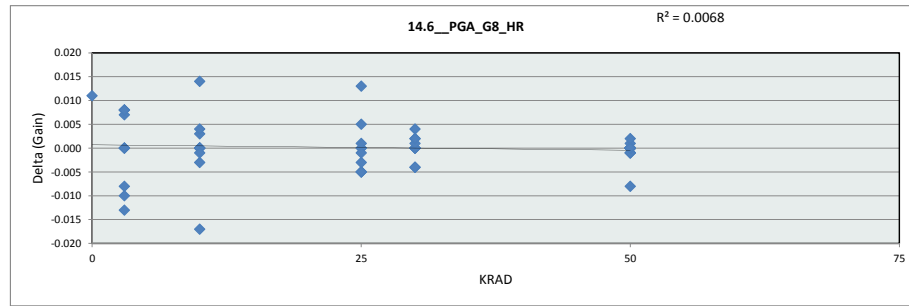


14.5_PGA_G4_Error_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	2	%				
Min Limit	-2	%				
KRAD	0	3	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-1.055	-1.121	-1.172	-1.143	-1.098	-1.161
Average	-1.055	-1.077	-1.099	-1.093	-1.067	-1.087
Max	-1.055	-1.026	-1.060	-1.063	-1.034	-1.000
UL	2.000	2.000	2.000	2.000	2.000	2.000

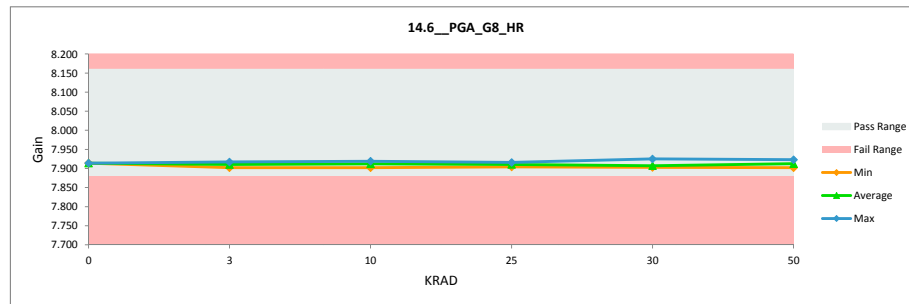


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.6_PGA_G8_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	8.16	8.16		
Min Limit	7.88	7.88		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	7.925	7.914	0.011
3	A142B	7.911	7.911	0.000
3	A141B	7.913	7.913	0.000
3	B78B	7.914	7.914	0.000
3	C1B	7.915	7.907	0.008
3	C2B	7.907	7.915	-0.008
3	A138UB	7.917	7.910	0.007
3	A140UB	7.904	7.917	-0.013
3	B21UB	7.902	7.912	-0.010
3	C7UB	7.910	7.902	0.008
3	C31UB	7.912	7.904	0.008
10	A135B	7.906	7.906	0.000
10	A137B	7.918	7.918	0.000
10	B64B	7.913	7.913	0.000
10	C29B	7.906	7.909	-0.003
10	C30B	7.909	7.906	0.003
10	A133UB	7.919	7.915	0.004
10	A132UB	7.916	7.902	0.014
10	B75UB	7.916	7.916	0.000
10	C27UB	7.915	7.916	-0.001
10	C25UB	7.902	7.919	-0.017
25	A131B	7.909	7.904	0.005
25	A130B	7.904	7.909	-0.005
25	B47B	7.915	7.915	0.000
25	C24B	7.912	7.912	0.000
25	C9B	7.911	7.916	-0.005
25	A129UB	7.909	7.908	0.001
25	A128UB	7.907	7.912	-0.005
25	A118UB	7.919	7.906	0.013
25	C23UB	7.908	7.909	-0.001
25	C22UB	7.912	7.915	-0.003
30	333B	7.925	7.925	0.000
30	334B	7.905	7.905	0.000
30	335B	7.908	7.908	0.000
30	336B	7.906	7.906	0.000
30	337B	7.905	7.904	0.001
30	322UB	7.903	7.907	-0.004
30	329UB	7.907	7.903	0.004
30	330UB	7.903	7.907	-0.004
30	331UB	7.907	7.905	0.002
30	332UB	7.905	7.903	0.002
50	A114B	7.909	7.909	0.000
50	A115B	7.914	7.914	0.000
50	A116B	7.914	7.915	-0.001
50	A120B	7.914	7.914	0.000
50	A121B	7.918	7.918	0.000
50	A123B	7.909	7.909	0.000
50	A124B	7.914	7.914	0.000
50	A189B	7.904	7.904	0.000
50	A190B	7.908	7.908	0.000
50	B41B	7.901	7.902	-0.001
50	B38B	7.920	7.920	0.000
50	C20B	7.916	7.915	0.001
50	C10B	7.904	7.904	0.000
50	C15B	7.923	7.923	0.000
50	C13B	7.912	7.912	0.000
50	C3B	7.912	7.913	-0.001
50	C16B	7.911	7.911	0.000
50	C35B	7.918	7.918	0.000
50	C47B	7.921	7.921	0.000
50	C54B	7.910	7.910	0.000
50	C51B	7.911	7.909	0.002
50	C55B	7.907	7.915	-0.008
	Max	7.925	7.925	0.014
	Average	7.911	7.911	0.000
	Min	7.901	7.902	-0.017
	Std Dev	0.006	0.006	0.005

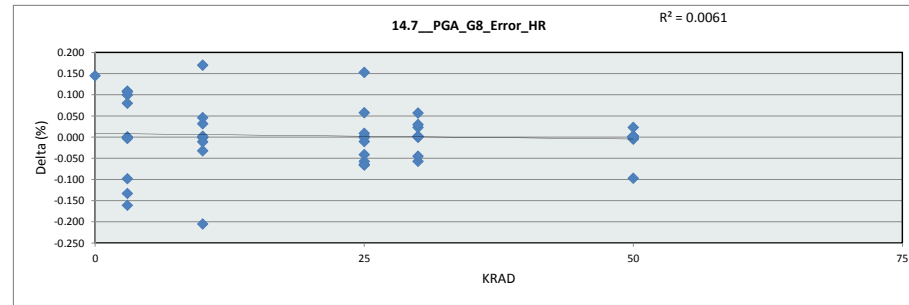


14.6_PGA_G8_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	8.16	Gain				
Min Limit	7.88	Gain				
KRAD	0	3	10	25	30	50
LL	7.880	7.880	7.880	7.880	7.880	7.880
Min	7.914	7.902	7.902	7.904	7.903	7.902
Average	7.914	7.911	7.912	7.911	7.907	7.913
Max	7.914	7.917	7.919	7.916	7.925	7.923
UL	8.160	8.160	8.160	8.160	8.160	8.160

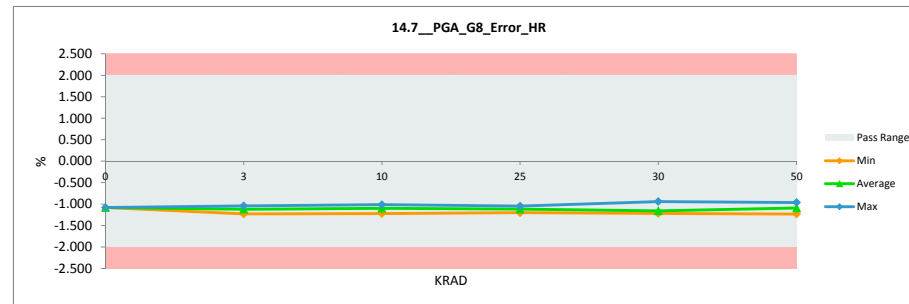


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.7_PGA_G8_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.935	-1.080	0.145
3	A142B	-1.110	-1.111	0.001
3	A141B	-1.088	-1.088	0.000
3	B78B	-1.077	-1.074	-0.003
3	C1B	-1.063	-1.163	0.100
3	C2B	-1.162	-1.064	-0.098
3	A138UB	-1.041	-1.121	0.080
3	A140UB	-1.203	-1.042	-0.161
3	B21UB	-1.230	-1.097	-0.133
3	C7UB	-1.121	-1.230	0.109
3	C31UB	-1.097	-1.204	0.107
10	A135B	-1.171	-1.172	0.001
10	A137B	-1.021	-1.022	0.001
10	B64B	-1.085	-1.084	-0.001
10	C29B	-1.172	-1.140	-0.032
10	C30B	-1.139	-1.171	0.032
10	A133UB	-1.015	-1.061	0.046
10	A132UB	-1.050	-1.220	0.170
10	B75UB	-1.046	-1.048	0.002
10	C27UB	-1.062	-1.051	-0.011
10	C25UB	-1.219	-1.014	-0.205
25	A131B	-1.141	-1.199	0.058
25	A130B	-1.199	-1.142	-0.057
25	B47B	-1.063	-1.065	0.002
25	C24B	-1.099	-1.098	-0.001
25	C9B	-1.112	-1.046	-0.066
25	A129UB	-1.136	-1.145	0.009
25	A128UB	-1.169	-1.105	-0.064
25	A118UB	-1.017	-1.170	0.153
25	C23UB	-1.146	-1.136	-0.010
25	C22UB	-1.105	-1.064	-0.041
30	333B	-0.940	-0.940	0.000
30	334B	-1.186	-1.188	0.002
30	335B	-1.153	-1.155	0.002
30	336B	-1.175	-1.176	0.001
30	337B	-1.193	-1.195	0.002
30	322UB	-1.216	-1.159	-0.057
30	329UB	-1.157	-1.214	0.057
30	330UB	-1.211	-1.166	-0.045
30	331UB	-1.165	-1.188	0.023
30	332UB	-1.186	-1.216	0.030
50	A114B	-1.137	-1.133	-0.004
50	A115B	-1.070	-1.070	0.000
50	A116B	-1.070	-1.066	-0.004
50	A120B	-1.070	-1.070	0.000
50	A121B	-1.019	-1.020	0.001
50	A123B	-1.142	-1.141	-0.001
50	A124B	-1.078	-1.078	0.000
50	A189B	-1.194	-1.194	0.000
50	A190B	-1.146	-1.148	0.002
50	B41B	-1.232	-1.231	-0.001
50	B38B	-1.002	-1.004	0.002
50	C20B	-1.056	-1.056	0.000
50	C10B	-1.201	-1.203	0.002
50	C15B	-0.961	-0.963	0.002
50	C13B	-1.105	-1.105	0.000
50	C3B	-1.095	-1.094	-0.001
50	C16B	-1.112	-1.114	0.002
50	C35B	-1.024	-1.024	0.000
50	C47B	-0.989	-0.991	0.002
50	C54B	-1.121	-1.123	0.002
50	C51B	-1.111	-1.134	0.023
50	C55B	-1.164	-1.067	-0.097
Max		-0.935	-0.940	0.170
Average		-1.111	-1.112	0.001
Min		-1.232	-1.231	-0.205
Std Dev		0.073	0.069	0.063

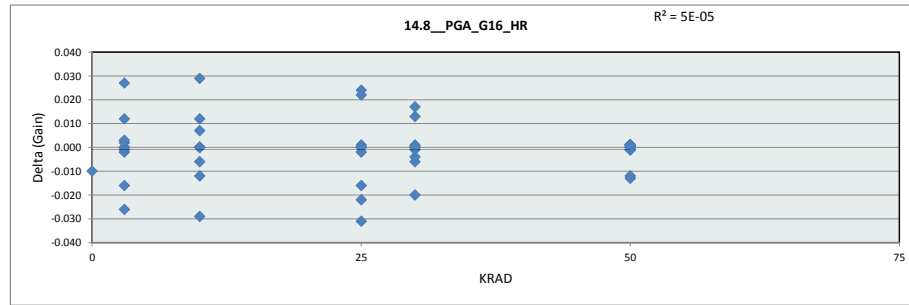


14.7_PGA_G8_Error_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	2	%				
Min Limit	-2	%				
KRAD	0	3	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-1.080	-1.230	-1.220	-1.199	-1.216	-1.231
Average	-1.080	-1.119	-1.098	-1.117	-1.160	-1.092
Max	-1.080	-1.042	-1.014	-1.046	-0.940	-0.963
UL	2.000	2.000	2.000	2.000	2.000	2.000

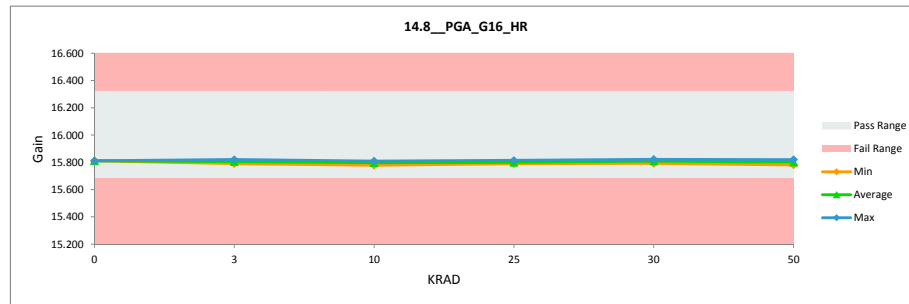


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.8_PGA_G16_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	16.32	16.32		
Min Limit	15.68	15.68		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	15.801	15.811	-0.010
3	A142B	15.797	15.797	0.000
3	A141B	15.797	15.797	0.000
3	B78B	15.805	15.806	-0.001
3	C1B	15.817	15.790	0.027
3	C2B	15.791	15.817	-0.026
3	A138UB	15.805	15.807	-0.002
3	A140UB	15.808	15.806	0.002
3	B21UB	15.804	15.820	-0.016
3	C7UB	15.806	15.803	0.003
3	C31UB	15.820	15.808	0.012
10	A135B	15.805	15.805	0.000
10	A137B	15.797	15.797	0.000
10	B64B	15.809	15.809	0.000
10	C29B	15.778	15.807	-0.029
10	C30B	15.807	15.778	0.029
10	A133UB	15.799	15.792	0.007
10	A132UB	15.799	15.787	0.012
10	B75UB	15.800	15.800	0.000
10	C27UB	15.792	15.798	-0.006
10	C25UB	15.787	15.799	-0.012
25	A131B	15.813	15.791	0.022
25	A130B	15.791	15.813	-0.022
25	B47B	15.793	15.793	0.000
25	C24B	15.792	15.792	0.000
25	C9B	15.805	15.807	-0.002
25	A129UB	15.798	15.797	0.001
25	A128UB	15.814	15.790	0.024
25	A118UB	15.783	15.814	-0.031
25	C23UB	15.797	15.797	0.000
25	C22UB	15.790	15.806	-0.016
30	333B	15.793	15.794	-0.001
30	334B	15.819	15.819	0.000
30	335B	15.792	15.792	0.000
30	336B	15.815	15.814	0.001
30	337B	15.814	15.814	0.000
30	322UB	15.813	15.796	0.017
30	329UB	15.796	15.816	-0.020
30	330UB	15.816	15.822	-0.006
30	331UB	15.822	15.809	0.013
30	332UB	15.809	15.813	-0.004
50	A114B	15.793	15.794	-0.001
50	A115B	15.802	15.801	0.001
50	A116B	15.784	15.785	-0.001
50	A120B	15.799	15.799	0.000
50	A121B	15.795	15.796	-0.001
50	A123B	15.798	15.797	0.001
50	A124B	15.814	15.813	0.001
50	A189B	15.781	15.781	0.000
50	A190B	15.798	15.798	0.000
50	B41B	15.804	15.804	0.000
50	B38B	15.798	15.798	0.000
50	C20B	15.811	15.810	0.001
50	C10B	15.805	15.805	0.000
50	C15B	15.820	15.819	0.001
50	C13B	15.795	15.795	0.000
50	C3B	15.802	15.803	-0.001
50	C16B	15.805	15.804	0.001
50	C35B	15.804	15.804	0.000
50	C47B	15.810	15.809	0.001
50	C54B	15.786	15.785	0.001
50	C51B	15.796	15.809	-0.013
50	C55B	15.796	15.808	-0.012
	Max	15.822	15.822	0.029
	Average	15.801	15.802	-0.001
	Min	15.778	15.778	-0.031
	Std Dev	0.010	0.010	0.011



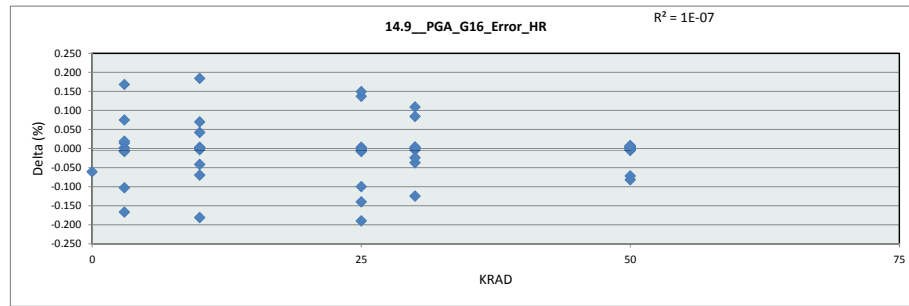
14.8_PGA_G16_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	16.32	Gain				
Min Limit	15.68	Gain				
KRAD	0	3	10	25	30	50
LL	15.680	15.680	15.680	15.680	15.680	15.680
Min	15.811	15.790	15.778	15.790	15.792	15.781
Average	15.811	15.805	15.797	15.800	15.809	15.801
Max	15.811	15.820	15.809	15.814	15.822	15.819
UL	16.320	16.320	16.320	16.320	16.320	16.320



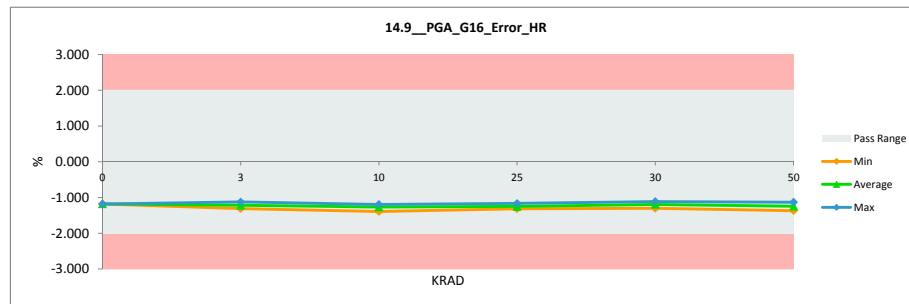
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

14.9_PGA_G16_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-1.243	-1.182	-0.061
3	A142B	-1.272	-1.266	-0.006
3	A141B	-1.270	-1.272	0.002
3	B78B	-1.219	-1.212	-0.007
3	C1B	-1.142	-1.310	0.168
3	C2B	-1.309	-1.142	-0.167
3	A138UB	-1.216	-1.208	-0.008
3	A140UB	-1.202	-1.216	0.014
3	B21UB	-1.227	-1.124	-0.103
3	C7UB	-1.211	-1.230	0.019
3	C31UB	-1.125	-1.200	0.075
10	A135B	-1.219	-1.219	0.000
10	A137B	-1.269	-1.272	0.003
10	B64B	-1.196	-1.193	-0.003
10	C29B	-1.386	-1.205	-0.181
10	C30B	-1.206	-1.390	0.184
10	A133UB	-1.259	-1.301	0.042
10	A132UB	-1.259	-1.329	0.070
10	B75UB	-1.250	-1.252	0.002
10	C27UB	-1.303	-1.261	-0.042
10	C25UB	-1.328	-1.258	-0.070
25	A131B	-1.167	-1.304	0.137
25	A130B	-1.306	-1.166	-0.140
25	B47B	-1.291	-1.292	0.001
25	C24B	-1.301	-1.300	-0.001
25	C9B	-1.216	-1.208	-0.008
25	A129UB	-1.265	-1.268	0.003
25	A128UB	-1.165	-1.314	0.149
25	A118UB	-1.355	-1.165	-0.190
25	C23UB	-1.270	-1.266	-0.004
25	C22UB	-1.312	-1.212	-0.100
30	333B	-1.293	-1.289	-0.004
30	334B	-1.129	-1.129	0.000
30	335B	-1.301	-1.301	0.000
30	336B	-1.157	-1.161	0.004
30	337B	-1.162	-1.162	0.000
30	322UB	-1.168	-1.277	0.109
30	329UB	-1.277	-1.152	-0.125
30	330UB	-1.149	-1.112	-0.037
30	331UB	-1.110	-1.194	0.084
30	332UB	-1.193	-1.169	-0.024
50	A114B	-1.292	-1.288	-0.004
50	A115B	-1.239	-1.241	0.002
50	A116B	-1.347	-1.344	-0.003
50	A120B	-1.255	-1.255	0.000
50	A121B	-1.279	-1.274	-0.005
50	A123B	-1.265	-1.272	0.007
50	A124B	-1.165	-1.170	0.005
50	A189B	-1.369	-1.370	0.001
50	A190B	-1.263	-1.265	0.002
50	B41B	-1.222	-1.227	0.005
50	B38B	-1.265	-1.265	0.000
50	C20B	-1.178	-1.184	0.006
50	C10B	-1.216	-1.221	0.005
50	C15B	-1.128	-1.130	0.002
50	C13B	-1.281	-1.283	0.002
50	C3B	-1.237	-1.234	-0.003
50	C16B	-1.216	-1.222	0.006
50	C35B	-1.222	-1.223	0.001
50	C47B	-1.191	-1.194	0.003
50	C54B	-1.338	-1.345	0.007
50	C51B	-1.274	-1.192	-0.082
50	C55B	-1.272	-1.200	-0.072
	Max	-1.110	-1.112	0.184
	Average	-1.241	-1.236	-0.005
	Min	-1.386	-1.390	-0.190
	Std Dev	0.064	0.063	0.071

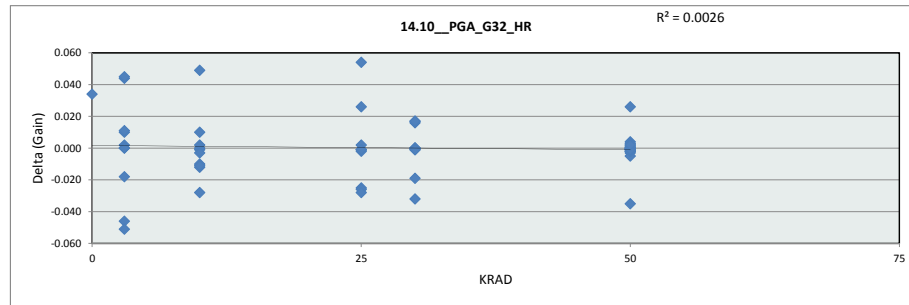


14.9_PGA_G16_Error_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	2	%				
Min Limit	-2	%				
KRAD	0	3	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-1.182	-1.310	-1.390	-1.314	-1.301	-1.370
Average	-1.182	-1.218	-1.268	-1.250	-1.195	-1.245
Max	-1.182	-1.124	-1.193	-1.165	-1.112	-1.130
UL	2.000	2.000	2.000	2.000	2.000	2.000

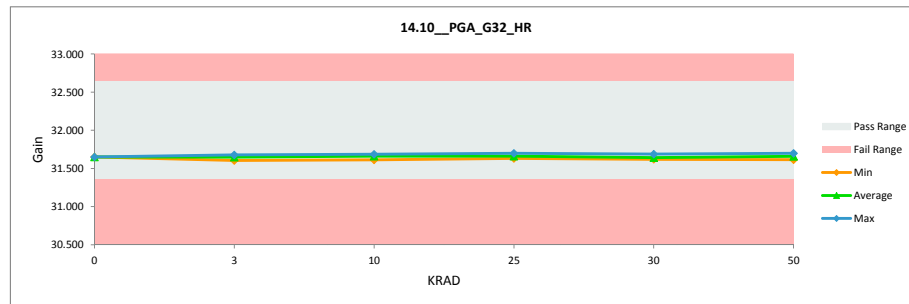


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.10_PGA_G32_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	32.64	32.64		
Min Limit	31.36	31.36		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	31.685	31.651	0.034
3	A142B	31.644	31.642	0.002
3	A141B	31.670	31.670	0.000
3	B78B	31.655	31.655	0.000
3	C1B	31.632	31.678	-0.046
3	C2B	31.678	31.634	0.044
3	A138UB	31.661	31.651	0.010
3	A140UB	31.642	31.660	-0.018
3	B21UB	31.602	31.653	-0.051
3	C7UB	31.649	31.604	0.045
3	C31UB	31.655	31.644	0.011
10	A135B	31.612	31.613	-0.001
10	A137B	31.668	31.668	0.000
10	B64B	31.662	31.660	0.002
10	C29B	31.685	31.675	0.010
10	C30B	31.674	31.686	-0.012
10	A133UB	31.654	31.664	-0.010
10	A132UB	31.676	31.627	0.049
10	B75UB	31.678	31.681	-0.003
10	C27UB	31.664	31.675	-0.011
10	C25UB	31.625	31.653	-0.028
25	A131B	31.642	31.643	-0.001
25	A130B	31.643	31.641	0.002
25	B47B	31.676	31.677	-0.001
25	C24B	31.696	31.698	-0.002
25	C9B	31.633	31.658	-0.025
25	A129UB	31.655	31.681	-0.026
25	A128UB	31.632	31.660	-0.028
25	A118UB	31.685	31.631	0.054
25	C23UB	31.682	31.656	0.026
25	C22UB	31.660	31.661	-0.001
30	333B	31.664	31.664	0.000
30	334B	31.645	31.645	0.000
30	335B	31.689	31.689	0.000
30	336B	31.631	31.632	-0.001
30	337B	31.621	31.622	-0.001
30	322UB	31.620	31.639	-0.019
30	329UB	31.638	31.622	0.016
30	330UB	31.622	31.654	-0.032
30	331UB	31.654	31.637	0.017
30	332UB	31.637	31.620	0.017
50	A114B	31.678	31.679	-0.001
50	A115B	31.639	31.639	0.000
50	A116B	31.703	31.699	0.004
50	A120B	31.635	31.636	-0.001
50	A121B	31.675	31.678	-0.003
50	A123B	31.643	31.645	-0.002
50	A124B	31.662	31.659	0.003
50	A189B	31.664	31.664	0.000
50	A190B	31.642	31.640	0.002
50	B41B	31.624	31.624	0.000
50	B38B	31.679	31.679	0.000
50	C20B	31.694	31.694	0.000
50	C10B	31.609	31.614	-0.005
50	C15B	31.664	31.664	0.000
50	C13B	31.618	31.620	-0.002
50	C3B	31.649	31.648	0.001
50	C16B	31.633	31.634	-0.001
50	C35B	31.686	31.688	-0.002
50	C47B	31.694	31.695	-0.001
50	C54B	31.655	31.653	0.002
50	C51B	31.691	31.665	0.026
50	C55B	31.656	31.691	-0.035
	Max	31.703	31.699	0.054
	Average	31.655	31.655	0.000
	Min	31.602	31.604	-0.051
	Std Dev	0.024	0.023	0.020



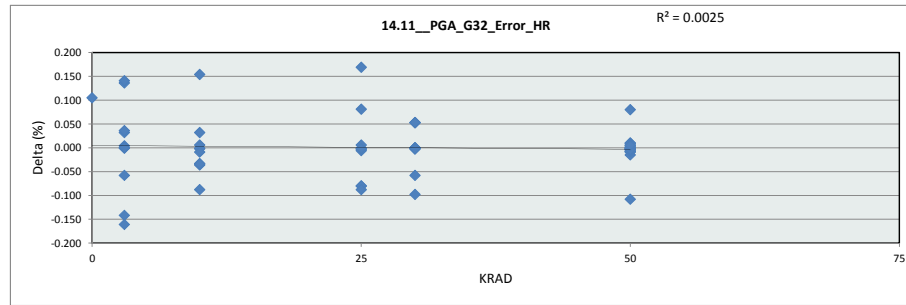
14.10_PGA_G32_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	32.64	Gain				
Min Limit	31.36	Gain				
KRAD	0	3	10	25	30	50
LL	31.360	31.360	31.360	31.360	31.360	31.360
Min	31.651	31.604	31.613	31.631	31.620	31.614
Average	31.651	31.649	31.660	31.661	31.642	31.659
Max	31.651	31.678	31.686	31.698	31.689	31.699
UL	32.640	32.640	32.640	32.640	32.640	32.640



ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

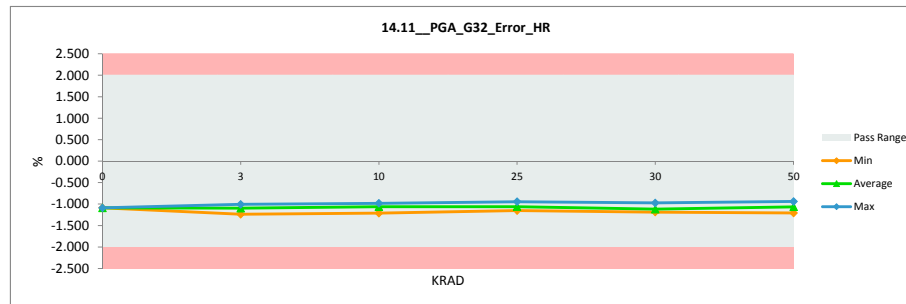
14.11_PGA_G32_Error_HR		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	%	%
Max Limit	2	2
Min Limit	-2	-2

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.984	-1.089	0.105
3	A142B	-1.114	-1.118	0.004
3	A141B	-1.031	-1.030	-0.001
3	B78B	-1.079	-1.079	0.000
3	C1B	-1.149	-1.007	-0.142
3	C2B	-1.007	-1.143	0.136
3	A138UB	-1.059	-1.091	0.032
3	A140UB	-1.119	-1.061	-0.058
3	B21UB	-1.245	-1.084	-0.161
3	C7UB	-1.097	-1.238	0.141
3	C31UB	-1.077	-1.113	0.036
10	A135B	-1.212	-1.210	-0.002
10	A137B	-1.038	-1.037	-0.001
10	B64B	-1.057	-1.063	0.006
10	C29B	-0.983	-1.015	0.032
10	C30B	-1.018	-0.982	-0.036
10	A133UB	-1.081	-1.048	-0.033
10	A132UB	-1.013	-1.167	0.154
10	B75UB	-1.007	-0.998	-0.009
10	C27UB	-1.049	-1.015	-0.034
10	C25UB	-1.172	-1.084	-0.088
25	A131B	-1.118	-1.117	-0.001
25	A130B	-1.115	-1.121	0.006
25	B47B	-1.012	-1.009	-0.003
25	C24B	-0.951	-0.945	-0.006
25	C9B	-1.148	-1.068	-0.080
25	A129UB	-1.077	-0.997	-0.080
25	A128UB	-1.151	-1.063	-0.088
25	A118UB	-0.983	-1.152	0.169
25	C23UB	-0.993	-1.074	0.081
25	C22UB	-1.062	-1.060	-0.002
30	333B	-1.051	-1.051	0.000
30	334B	-1.110	-1.109	-0.001
30	335B	-0.972	-0.972	0.000
30	336B	-1.153	-1.152	-0.001
30	337B	-1.185	-1.182	-0.003
30	322UB	-1.186	-1.128	-0.058
30	329UB	-1.130	-1.183	0.053
30	330UB	-1.180	-1.082	-0.098
30	331UB	-1.081	-1.134	0.053
30	332UB	-1.134	-1.187	0.053
50	A114B	-1.006	-1.003	-0.003
50	A115B	-1.130	-1.128	-0.002
50	A116B	-0.929	-0.939	0.010
50	A120B	-1.139	-1.139	0.000
50	A121B	-1.015	-1.006	-0.009
50	A123B	-1.116	-1.108	-0.008
50	A124B	-1.057	-1.067	0.010
50	A189B	-1.051	-1.049	-0.002
50	A190B	-1.118	-1.126	0.008
50	B41B	-1.176	-1.174	-0.002
50	B38B	-1.002	-1.002	0.000
50	C20B	-0.955	-0.955	0.000
50	C10B	-1.222	-1.207	-0.015
50	C15B	-1.049	-1.051	0.002
50	C13B	-1.193	-1.186	-0.007
50	C3B	-1.096	-1.101	0.005
50	C16B	-1.148	-1.145	-0.003
50	C35B	-0.981	-0.974	-0.007
50	C47B	-0.956	-0.952	-0.004
50	C54B	-1.079	-1.084	0.005
50	C51B	-0.966	-1.046	0.080
50	C55B	-1.075	-0.967	-0.108
	Max	-0.929	-0.939	0.169
	Average	-1.077	-1.077	0.000
	Min	-1.245	-1.238	-0.161
	Std Dev	0.076	0.073	0.061



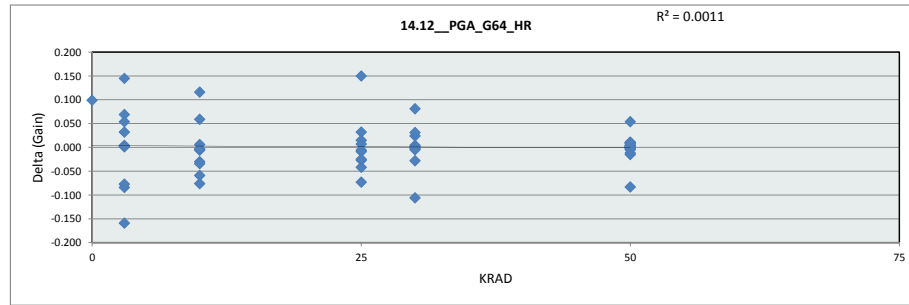
14.11_PGA_G32_Error_HR		
Test Site	CLAB	
Tester	EAGLE3	
Test Number	EF651300	
Max Limit	2	%
Min Limit	-2	%

	KRAD	0	3	10	25	30	50
LL		-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min		-1.089	-1.238	-1.210	-1.152	-1.187	-1.207
Average		-1.089	-1.096	-1.062	-1.061	-1.118	-1.064
Max		-1.089	-1.007	-0.982	-0.945	-0.972	-0.939
UL		2.000	2.000	2.000	2.000	2.000	2.000

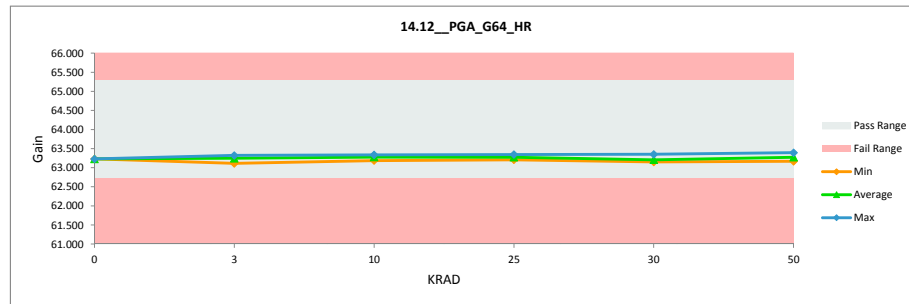


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.12_PGA_G64_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	65.28	65.28		
Min Limit	62.72	62.72		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	63.329	63.230	0.099
3	A142B	63.256	63.252	0.004
3	A141B	63.279	63.278	0.001
3	B78B	63.245	63.243	0.002
3	C1B	63.238	63.322	-0.084
3	C2B	63.309	63.240	0.069
3	A138UB	63.289	63.257	0.032
3	A140UB	63.208	63.285	-0.077
3	B21UB	63.108	63.267	-0.159
3	C7UB	63.259	63.114	0.145
3	C31UB	63.257	63.203	0.054
10	A135B	63.183	63.187	-0.004
10	A137B	63.308	63.302	0.006
10	B64B	63.265	63.271	-0.006
10	C29B	63.326	63.267	0.059
10	C30B	63.262	63.338	-0.076
10	A133UB	63.267	63.297	-0.030
10	A132UB	63.326	63.210	0.116
10	B75UB	63.330	63.334	-0.004
10	C27UB	63.293	63.327	-0.034
10	C25UB	63.200	63.259	-0.059
25	A131B	63.231	63.258	-0.027
25	A130B	63.258	63.226	0.032
25	B47B	63.338	63.344	-0.006
25	C24B	63.337	63.346	-0.009
25	C9B	63.225	63.267	-0.042
25	A129UB	63.254	63.279	-0.025
25	A128UB	63.207	63.280	-0.073
25	A118UB	63.357	63.207	0.150
25	C23UB	63.273	63.258	0.015
25	C22UB	63.276	63.269	0.007
30	333B	63.294	63.295	-0.001
30	334B	63.165	63.161	0.004
30	335B	63.352	63.351	0.001
30	336B	63.161	63.163	-0.002
30	337B	63.146	63.151	-0.005
30	322UB	63.151	63.257	-0.106
30	329UB	63.250	63.169	0.081
30	330UB	63.167	63.195	-0.028
30	331UB	63.201	63.177	0.024
30	332UB	63.183	63.152	0.031
50	A114B	63.282	63.272	0.010
50	A115B	63.210	63.206	0.004
50	A116B	63.379	63.394	-0.015
50	A120B	63.231	63.234	-0.003
50	A121B	63.331	63.331	0.000
50	A123B	63.252	63.253	-0.001
50	A124B	63.264	63.262	0.002
50	A189B	63.290	63.291	-0.001
50	A190B	63.240	63.252	-0.012
50	B41B	63.168	63.167	0.001
50	B38B	63.346	63.345	0.001
50	C20B	63.347	63.349	-0.002
50	C10B	63.180	63.171	0.009
50	C15B	63.297	63.294	0.003
50	C13B	63.191	63.196	-0.005
50	C3B	63.257	63.254	0.003
50	C16B	63.225	63.215	0.010
50	C35B	63.317	63.309	0.008
50	C47B	63.353	63.348	0.005
50	C54B	63.271	63.260	0.011
50	C51B	63.333	63.279	0.054
50	C55B	63.267	63.350	-0.083
	Max	63.379	63.394	0.150
	Average	63.260	63.259	0.001
	Min	63.108	63.114	-0.159
	Std Dev	0.062	0.062	0.052

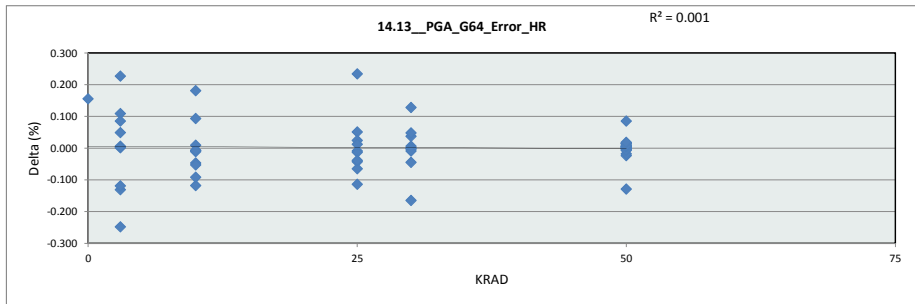


14.12_PGA_G64_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	65.28	Gain				
Min Limit	62.72	Gain				
KRAD	0	3	10	25	30	50
LL	62.720	62.720	62.720	62.720	62.720	62.720
Min	63.230	63.114	63.187	63.207	63.151	63.167
Average	63.230	63.246	63.279	63.273	63.207	63.274
Max	63.230	63.322	63.338	63.346	63.351	63.394
UL	65.280	65.280	65.280	65.280	65.280	65.280

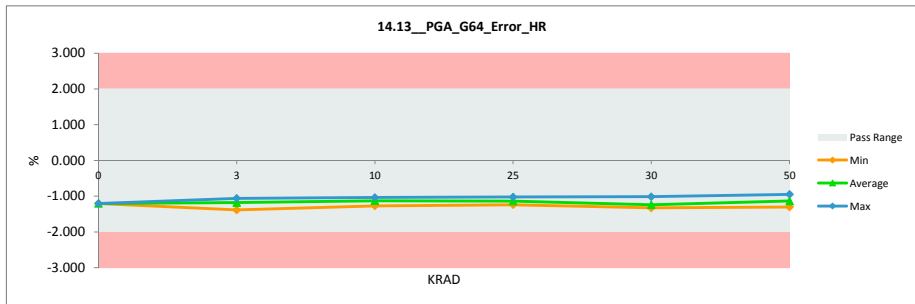


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.13_PGA_G64_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-1.049	-1.204	0.155
3	A142B	-1.163	-1.169	0.006
3	A141B	-1.127	-1.128	0.001
3	B78B	-1.180	-1.183	0.003
3	C1B	-1.190	-1.059	-0.131
3	C2B	-1.079	-1.188	0.109
3	A138UB	-1.112	-1.161	0.049
3	A140UB	-1.237	-1.118	-0.119
3	B21UB	-1.393	-1.145	-0.248
3	C7UB	-1.158	-1.385	0.227
3	C31UB	-1.160	-1.245	0.085
10	A135B	-1.277	-1.270	-0.007
10	A137B	-1.081	-1.090	0.009
10	B64B	-1.149	-1.138	-0.011
10	C29B	-1.053	-1.146	0.093
10	C30B	-1.153	-1.035	-0.118
10	A133UB	-1.145	-1.098	-0.047
10	A132UB	-1.053	-1.234	0.181
10	B75UB	-1.047	-1.040	-0.007
10	C27UB	-1.105	-1.052	-0.053
10	C25UB	-1.250	-1.158	-0.092
25	A131B	-1.202	-1.159	-0.043
25	A130B	-1.159	-1.210	0.051
25	B47B	-1.034	-1.025	-0.009
25	C24B	-1.035	-1.022	-0.013
25	C9B	-1.210	-1.145	-0.065
25	A129UB	-1.165	-1.126	-0.039
25	A128UB	-1.239	-1.125	-0.114
25	A118UB	-1.005	-1.239	0.234
25	C23UB	-1.135	-1.159	0.024
25	C22UB	-1.130	-1.142	0.012
30	333B	-1.103	-1.102	-0.001
30	334B	-1.305	-1.311	0.006
30	335B	-1.013	-1.013	0.000
30	336B	-1.311	-1.308	-0.003
30	337B	-1.335	-1.326	-0.009
30	322UB	-1.327	-1.162	-0.165
30	329UB	-1.171	-1.299	0.128
30	330UB	-1.302	-1.257	-0.045
30	331UB	-1.249	-1.286	0.037
30	332UB	-1.276	-1.324	0.048
50	A114B	-1.123	-1.137	0.014
50	A115B	-1.234	-1.241	0.007
50	A116B	-0.971	-0.947	-0.024
50	A120B	-1.202	-1.197	-0.005
50	A121B	-1.046	-1.045	-0.001
50	A123B	-1.168	-1.167	-0.001
50	A124B	-1.150	-1.154	0.004
50	A189B	-1.109	-1.108	-0.001
50	A190B	-1.187	-1.169	-0.018
50	B41B	-1.300	-1.302	0.002
50	B38B	-1.022	-1.024	0.002
50	C20B	-1.020	-1.018	-0.002
50	C10B	-1.281	-1.295	0.014
50	C15B	-1.098	-1.103	0.005
50	C13B	-1.263	-1.256	-0.007
50	C3B	-1.160	-1.165	0.005
50	C16B	-1.210	-1.226	0.016
50	C35B	-1.067	-1.080	0.013
50	C47B	-1.012	-1.019	0.007
50	C54B	-1.139	-1.157	0.018
50	C51B	-1.042	-1.127	0.085
50	C55B	-1.145	-1.016	-0.129
Max		-0.971	-0.947	0.234
Average		-1.156	-1.158	0.002
Min		-1.393	-1.385	-0.248
Std Dev		0.097	0.096	0.082



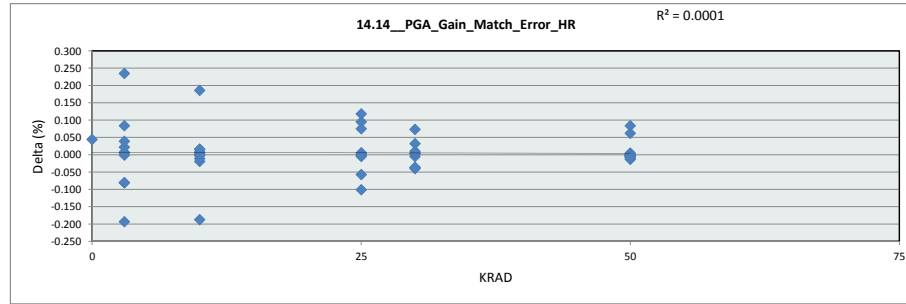
14.13_PGA_G64_Error_HR						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	2	%				
Min Limit	-2	%				
KRAD	0	3	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-1.204	-1.385	-1.270	-1.239	-1.326	-1.302
Average	-1.204	-1.178	-1.126	-1.135	-1.239	-1.134
Max	-1.204	-1.059	-1.035	-1.022	-1.013	-0.947
UL	2.000	2.000	2.000	2.000	2.000	2.000



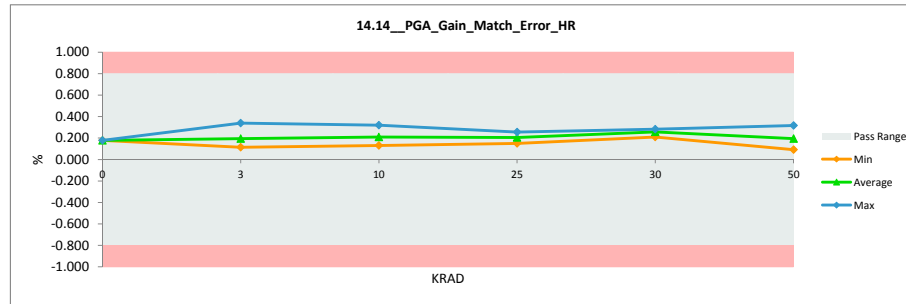
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

14.14_PGA_Gain_Match_Error		
Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	%	%
Max Limit	0.8	0.8
Min Limit	-0.8	-0.8

KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.223	0.179	0.044
3	A142B	0.224	0.218	0.006
3	A141B	0.220	0.221	-0.001
3	B78B	0.148	0.141	0.007
3	C1B	0.160	0.241	-0.081
3	C2B	0.241	0.157	0.084
3	A138UB	0.165	0.143	0.022
3	A140UB	0.202	0.163	0.039
3	B21UB	0.349	0.114	0.235
3	C7UB	0.147	0.340	-0.193
3	C31UB	0.129	0.209	-0.080
10	A135B	0.223	0.215	0.008
10	A137B	0.217	0.219	-0.002
10	B64B	0.137	0.134	0.003
10	C29B	0.317	0.131	0.186
10	C30B	0.133	0.320	-0.187
10	A133UB	0.213	0.232	-0.019
10	A132UB	0.218	0.229	-0.011
10	B75UB	0.182	0.182	0.000
10	C27UB	0.235	0.219	0.016
10	C25UB	0.228	0.212	0.016
25	A131B	0.155	0.256	-0.101
25	A130B	0.258	0.163	0.095
25	B47B	0.222	0.222	0.000
25	C24B	0.252	0.250	0.002
25	C9B	0.149	0.150	-0.001
25	A129UB	0.215	0.209	0.006
25	A128UB	0.185	0.242	-0.057
25	A118UB	0.302	0.184	0.118
25	C23UB	0.211	0.216	-0.005
25	C22UB	0.241	0.166	0.075
30	333B	0.257	0.253	0.004
30	334B	0.276	0.281	-0.005
30	335B	0.270	0.268	0.002
30	336B	0.287	0.283	0.004
30	337B	0.289	0.279	0.010
30	322UB	0.283	0.210	0.073
30	329UB	0.211	0.248	-0.037
30	330UB	0.253	0.221	0.032
30	331UB	0.213	0.253	-0.040
30	332UB	0.244	0.280	-0.036
50	A114B	0.253	0.252	0.001
50	A115B	0.189	0.192	-0.003
50	A116B	0.301	0.300	0.001
50	A120B	0.196	0.197	-0.001
50	A121B	0.239	0.234	0.005
50	A123B	0.184	0.190	-0.006
50	A124B	0.112	0.115	-0.003
50	A189B	0.315	0.317	-0.002
50	A190B	0.214	0.216	-0.002
50	B41B	0.273	0.275	-0.002
50	B38B	0.184	0.185	-0.001
50	C20B	0.127	0.133	-0.006
50	C10B	0.180	0.193	-0.013
50	C15B	0.092	0.092	0.000
50	C13B	0.160	0.163	-0.003
50	C3B	0.188	0.186	0.002
50	C16B	0.149	0.158	-0.009
50	C35B	0.175	0.177	-0.002
50	C47B	0.157	0.160	-0.003
50	C54B	0.251	0.257	-0.006
50	C51B	0.217	0.133	0.084
50	C55B	0.216	0.154	0.062
	Max	0.349	0.340	0.235
	Average	0.214	0.208	0.005
	Min	0.092	0.092	-0.193
	Std Dev	0.055	0.055	0.063



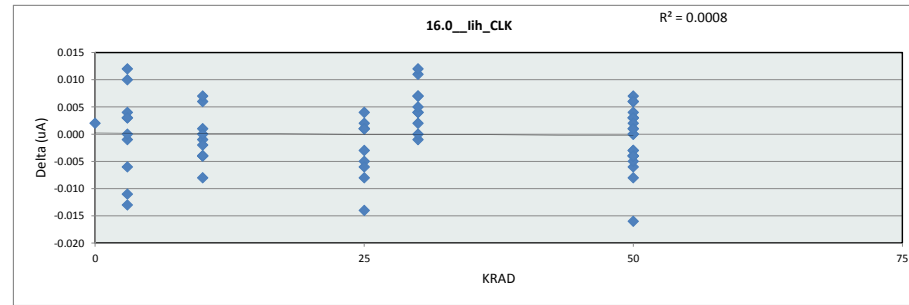
14.14_PGA_Gain_Match_Error							
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	0.8	%					
Min Limit	-0.8	%					
	KRAD	0	3	10	25	30	50
LL		-0.800	-0.800	-0.800	-0.800	-0.800	-0.800
Min		0.179	0.114	0.131	0.150	0.210	0.092
Average		0.179	0.195	0.209	0.206	0.258	0.195
Max		0.179	0.340	0.320	0.256	0.283	0.317
UL		0.800	0.800	0.800	0.800	0.800	0.800



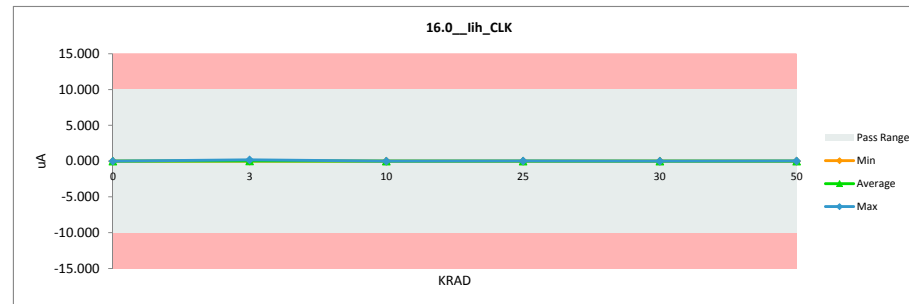
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

		16.0_Iih_CLK		
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.001	-0.003	0.002
3	A142B	0.152	0.163	-0.011
3	A141B	0.003	0.000	0.003
3	B78B	-0.001	0.000	-0.001
3	C1B	0.005	-0.007	0.012
3	C2B	0.001	-0.003	0.004
3	A138UB	0.001	-0.002	0.003
3	A140UB	-0.008	0.005	-0.013
3	B21UB	-0.002	-0.002	0.000
3	C7UB	0.010	0.000	0.010
3	C31UB	0.001	0.007	-0.006
10	A135B	-0.010	-0.002	-0.008
10	A137B	-0.004	0.000	-0.004
10	B64B	-0.001	0.000	-0.001
10	C29B	-0.001	0.001	-0.002
10	C30B	-0.001	-0.002	0.001
10	A133UB	-0.001	0.003	-0.004
10	A132UB	-0.001	0.003	-0.004
10	B75UB	0.008	0.002	0.006
10	C27UB	0.000	-0.007	0.007
10	C25UB	0.002	0.002	0.000
25	A131B	-0.001	-0.005	0.004
25	A130B	-0.001	-0.002	0.001
25	B47B	-0.004	0.010	-0.014
25	C24B	-0.003	0.000	-0.003
25	C9B	0.000	-0.002	0.002
25	A129UB	-0.001	-0.002	0.001
25	A128UB	-0.007	0.001	-0.008
25	A118UB	0.003	0.002	0.001
25	C23UB	0.001	0.006	-0.005
25	C22UB	-0.002	0.004	-0.006
30	333B	0.002	-0.002	0.004
30	334B	0.001	-0.010	0.011
30	335B	0.001	-0.006	0.007
30	336B	-0.008	-0.007	-0.001
30	337B	-0.001	-0.005	0.004
30	322UB	-0.006	-0.008	0.002
30	329UB	-0.002	-0.009	0.007
30	330UB	-0.010	-0.015	0.005
30	331UB	-0.001	-0.001	0.000
30	332UB	0.001	-0.011	0.012
50	A114B	0.000	-0.003	0.003
50	A115B	-0.003	0.003	-0.006
50	A116B	-0.001	-0.008	0.007
50	A120B	-0.004	0.001	-0.005
50	A121B	0.000	-0.001	0.001
50	A123B	-0.001	0.002	-0.003
50	A124B	-0.001	-0.004	0.003
50	A189B	0.006	0.000	0.006
50	A190B	0.000	-0.006	0.006
50	B41B	-0.005	-0.001	-0.004
50	B38B	0.003	-0.001	0.004
50	C20B	-0.007	0.009	-0.016
50	C10B	-0.001	0.003	-0.004
50	C15B	-0.003	-0.003	0.000
50	C13B	-0.001	-0.004	0.003
50	C3B	-0.003	0.001	-0.004
50	C16B	0.000	0.000	0.000
50	C35B	-0.003	0.000	-0.003
50	C47B	-0.001	-0.003	0.002
50	C54B	-0.006	0.002	-0.008
50	C51B	0.000	-0.001	0.001
50	C55B	-0.003	0.001	-0.004
	Max	0.152	0.163	0.012
	Average	0.001	0.001	0.000
	Min	-0.010	-0.015	-0.016
	Std Dev	0.020	0.021	0.006



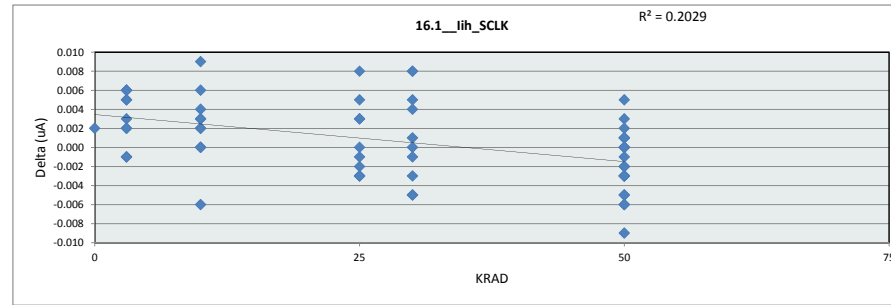
		16.0_Iih_CLK					
Test Site	CLAB						
Tester	EAGLE3						
Test Number	EF651300						
Max Limit	10	uA					
Min Limit	-10	uA					
KRAD	0	3	10	25	30	50	
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000	
Min	-0.003	-0.007	-0.007	-0.005	-0.015	-0.008	
Average	-0.003	0.016	0.000	0.001	-0.007	-0.001	
Max	-0.003	0.163	0.003	0.010	-0.001	0.009	
UL	10.000	10.000	10.000	10.000	10.000	10.000	



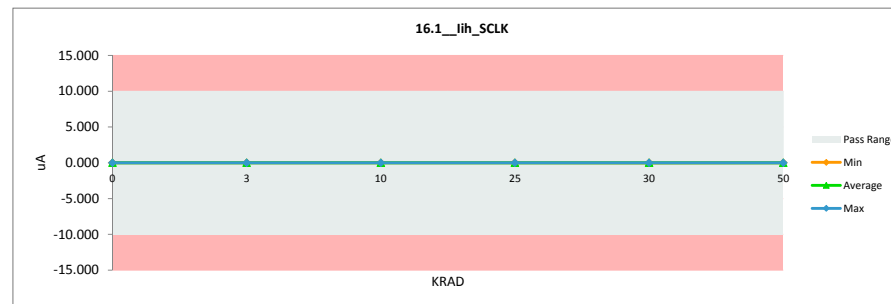
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

16.1_Iih_SCLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.001	-0.001	0.002
3	A142B	-0.001	0.000	-0.001
3	A141B	0.004	-0.002	0.006
3	B78B	0.000	-0.005	0.005
3	C1B	-0.001	-0.007	0.006
3	C2B	-0.001	0.000	-0.001
3	A138UB	0.004	0.001	0.003
3	A140UB	0.003	-0.003	0.006
3	B21UB	0.002	-0.003	0.005
3	C7UB	0.003	0.001	0.002
3	C31UB	0.002	0.000	0.002
10	A135B	0.003	0.001	0.002
10	A137B	-0.003	-0.003	0.000
10	B64B	0.001	-0.002	0.003
10	C29B	-0.002	0.004	-0.006
10	C30B	0.000	-0.004	0.004
10	A133UB	0.000	-0.006	0.006
10	A132UB	0.002	-0.007	0.009
10	B75UB	0.002	-0.001	0.003
10	C27UB	0.000	-0.002	0.002
10	C25UB	-0.002	-0.002	0.000
25	A131B	0.006	-0.002	0.008
25	A130B	-0.001	-0.004	0.003
25	B47B	-0.002	0.000	-0.002
25	C24B	-0.001	0.002	-0.003
25	C9B	-0.001	0.000	-0.001
25	A129UB	0.005	0.000	0.005
25	A128UB	-0.002	0.001	-0.003
25	A118UB	0.003	0.003	0.000
25	C23UB	-0.003	0.000	-0.003
25	C22UB	0.001	-0.002	0.003
30	333B	-0.003	-0.002	-0.001
30	334B	-0.005	-0.010	0.005
30	335B	-0.005	-0.002	-0.003
30	336B	-0.003	-0.004	0.001
30	337B	-0.004	-0.012	0.008
30	322UB	-0.001	0.004	-0.005
30	329UB	-0.003	-0.007	0.004
30	330UB	-0.012	-0.012	0.000
30	331UB	-0.006	-0.001	-0.005
30	332UB	-0.002	-0.010	0.008
50	A114B	-0.002	0.003	-0.005
50	A115B	0.002	0.000	0.002
50	A116B	0.004	0.004	0.000
50	A120B	0.001	0.004	-0.003
50	A121B	-0.001	-0.004	0.003
50	A123B	-0.002	0.000	-0.002
50	A124B	-0.004	0.002	-0.006
50	A189B	-0.002	-0.001	-0.001
50	A190B	-0.003	0.000	-0.003
50	B41B	-0.005	0.004	-0.009
50	B38B	-0.005	-0.002	-0.003
50	C20B	-0.006	-0.003	-0.003
50	C10B	-0.004	0.002	-0.006
50	C15B	-0.003	-0.004	0.001
50	C13B	0.000	0.002	-0.002
50	C3B	-0.002	0.003	-0.005
50	C16B	-0.001	-0.001	0.000
50	C35B	0.000	-0.001	0.001
50	C47B	0.002	-0.003	0.005
50	C54B	-0.002	-0.003	0.001
50	C51B	-0.001	-0.001	0.000
50	C55B	0.000	0.000	0.000
	Max	0.006	0.004	0.009
	Average	-0.001	-0.002	0.001
	Min	-0.012	-0.012	-0.009
	Std Dev	0.003	0.004	0.004

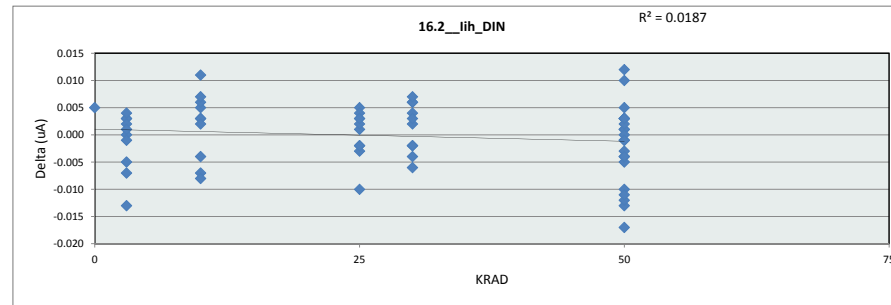


16.1_Iih_SCLK						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.001	-0.007	-0.007	-0.004	-0.012	-0.004
Average	-0.001	-0.002	-0.002	0.000	-0.006	0.000
Max	-0.001	0.001	0.004	0.003	0.004	0.004
UL	10.000	10.000	10.000	10.000	10.000	10.000

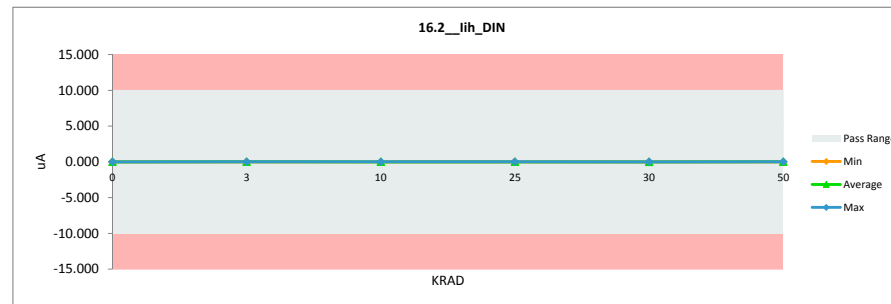


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

16.2_Iih_DIN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.004	-0.001	0.005
3	A142B	0.001	-0.002	0.003
3	A141B	0.000	0.007	-0.007
3	B78B	-0.002	-0.002	0.000
3	C1B	0.004	0.009	-0.005
3	C2B	0.006	0.003	0.003
3	A138UB	0.003	0.001	0.002
3	A140UB	0.007	0.003	0.004
3	B21UB	0.010	0.009	0.001
3	C7UB	-0.005	0.008	-0.013
3	C31UB	-0.001	0.000	-0.001
10	A135B	-0.004	0.003	-0.007
10	A137B	0.002	-0.009	0.011
10	B64B	0.001	-0.004	0.005
10	C29B	-0.003	0.001	-0.004
10	C30B	-0.006	0.002	-0.008
10	A133UB	0.009	0.006	0.003
10	A132UB	0.002	-0.004	0.006
10	B75UB	0.007	0.000	0.007
10	C27UB	0.004	0.001	0.003
10	C25UB	0.001	-0.001	0.002
25	A131B	0.010	0.005	0.005
25	A130B	-0.003	0.000	-0.003
25	B47B	0.001	0.000	0.001
25	C24B	-0.004	-0.002	-0.002
25	C9B	0.004	0.000	0.004
25	A129UB	0.005	0.002	0.003
25	A128UB	0.011	0.009	0.002
25	A118UB	0.002	0.012	-0.010
25	C23UB	0.002	-0.001	0.003
25	C22UB	0.000	0.002	-0.002
30	333B	-0.006	-0.008	0.002
30	334B	-0.002	0.000	-0.002
30	335B	-0.004	-0.010	0.006
30	336B	-0.006	-0.002	-0.004
30	337B	0.000	-0.006	0.006
30	322UB	0.000	-0.004	0.004
30	329UB	-0.004	-0.011	0.007
30	330UB	-0.014	-0.008	-0.006
30	331UB	0.000	0.002	-0.002
30	332UB	-0.003	-0.006	0.003
50	A114B	0.008	0.007	0.001
50	A115B	-0.006	0.011	-0.017
50	A116B	-0.002	-0.001	-0.001
50	A120B	0.004	0.001	0.003
50	A121B	0.001	0.011	-0.010
50	A123B	0.009	-0.001	0.010
50	A124B	-0.004	-0.005	0.001
50	A189B	-0.009	-0.004	-0.005
50	A190B	0.002	0.006	-0.004
50	B41B	0.004	0.004	0.000
50	B38B	-0.004	0.009	-0.013
50	C20B	0.005	0.002	0.003
50	C10B	0.005	0.002	0.003
50	C15B	0.000	0.003	-0.003
50	C13B	0.005	0.000	0.005
50	C3B	0.006	0.004	0.002
50	C16B	0.004	0.005	-0.001
50	C35B	-0.001	0.011	-0.012
50	C47B	-0.005	0.006	-0.011
50	C54B	0.004	0.008	-0.004
50	C51B	0.003	0.000	0.003
50	C55B	0.014	0.002	0.012
	Max	0.014	0.012	0.012
	Average	0.001	0.001	0.000
	Min	-0.014	-0.011	-0.017
	Std Dev	0.005	0.005	0.006



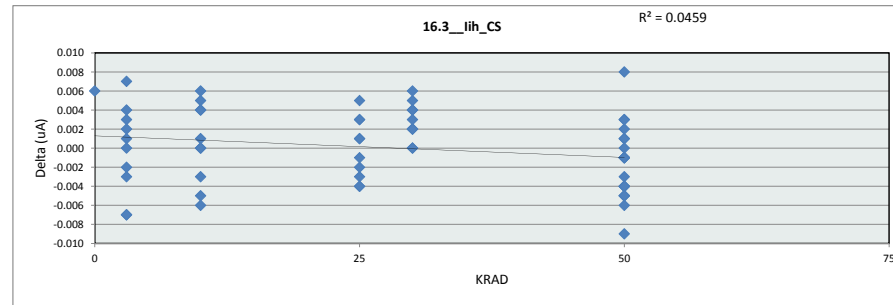
16.2_Iih_DIN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.001	-0.002	-0.009	-0.002	-0.011	-0.005
Average	-0.001	0.004	-0.001	0.003	-0.005	0.004
Max	-0.001	0.009	0.006	0.012	0.002	0.011
UL	10.000	10.000	10.000	10.000	10.000	10.000



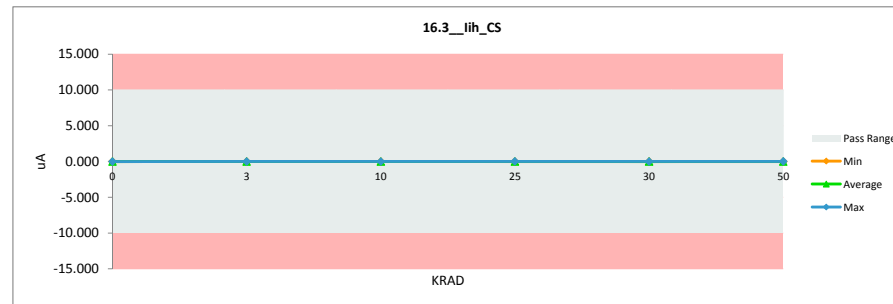
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

16.3_Iih_CS				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.002	-0.004	0.006
3	A142B	0.004	-0.003	0.007
3	A141B	0.003	0.001	0.002
3	B78B	0.003	-0.001	0.004
3	C1B	0.000	-0.001	0.001
3	C2B	-0.001	0.002	-0.003
3	A138UB	-0.002	0.005	-0.007
3	A140UB	0.003	0.003	0.000
3	B21UB	-0.001	0.001	-0.002
3	C7UB	0.005	0.002	0.003
3	C31UB	-0.003	0.004	-0.007
10	A135B	0.007	0.001	0.006
10	A137B	0.001	0.000	0.001
10	B64B	-0.002	0.003	-0.005
10	C29B	0.000	0.000	0.000
10	C30B	0.006	0.001	0.005
10	A133UB	-0.002	0.004	-0.006
10	A132UB	0.002	0.005	-0.003
10	B75UB	0.000	0.000	0.000
10	C27UB	0.005	0.001	0.004
10	C25UB	0.003	-0.001	0.004
25	A131B	-0.001	0.002	-0.003
25	A130B	-0.001	0.001	-0.002
25	B47B	-0.002	-0.005	0.003
25	C24B	0.006	0.005	0.001
25	C9B	0.005	0.009	-0.004
25	A129UB	0.006	0.001	0.005
25	A128UB	0.001	0.000	0.001
25	A118UB	-0.004	0.000	-0.004
25	C23UB	0.001	-0.002	0.003
25	C22UB	0.003	0.004	-0.001
30	333B	-0.002	-0.004	0.002
30	334B	0.001	-0.005	0.006
30	335B	-0.001	-0.001	0.000
30	336B	0.000	0.000	0.000
30	337B	0.002	-0.003	0.005
30	322UB	0.000	-0.002	0.002
30	329UB	-0.005	-0.007	0.002
30	330UB	-0.003	-0.007	0.004
30	331UB	-0.002	-0.006	0.004
30	332UB	-0.002	-0.005	0.003
50	A114B	0.005	0.002	0.003
50	A115B	-0.005	0.000	-0.005
50	A116B	-0.002	0.002	-0.004
50	A120B	-0.003	0.000	-0.003
50	A121B	0.003	0.004	-0.001
50	A123B	0.000	-0.001	0.001
50	A124B	-0.004	0.000	-0.004
50	A189B	0.000	0.001	-0.001
50	A190B	-0.002	0.004	-0.006
50	B41B	-0.001	0.000	-0.001
50	B38B	-0.002	0.003	-0.005
50	C20B	0.003	0.002	0.001
50	C10B	-0.002	0.002	-0.004
50	C15B	0.001	-0.007	0.008
50	C13B	0.002	0.000	0.002
50	C3B	0.003	0.004	-0.001
50	C16B	0.005	0.005	0.000
50	C35B	-0.003	-0.002	-0.001
50	C47B	0.000	0.004	-0.004
50	C54B	-0.002	0.003	-0.005
50	C51B	-0.002	0.007	-0.009
50	C55B	0.002	-0.001	0.003
	Max	0.007	0.009	0.008
	Average	0.000	0.000	0.000
	Min	-0.005	-0.007	-0.009
	Std Dev	0.003	0.003	0.004

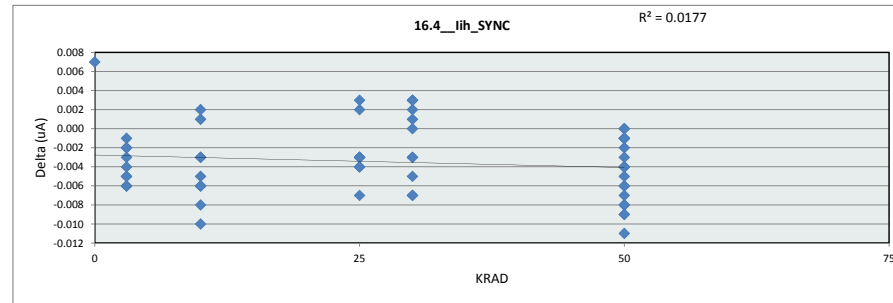


16.3_Iih_CS						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.004	-0.003	-0.001	-0.005	-0.007	-0.007
Average	-0.004	0.001	0.001	0.002	-0.004	0.001
Max	-0.004	0.005	0.005	0.009	0.000	0.007
UL	10.000	10.000	10.000	10.000	10.000	10.000

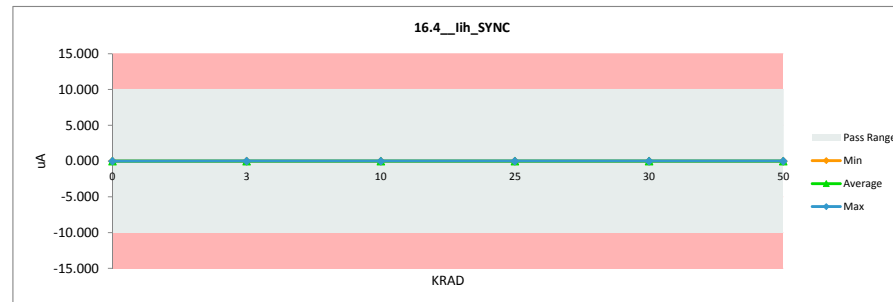


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

16.4_Iih_SYNC				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.001	-0.008	0.007
3	A142B	-0.003	0.003	-0.006
3	A141B	-0.005	-0.003	-0.002
3	B78B	0.000	0.002	-0.002
3	C1B	-0.008	-0.003	-0.005
3	C2B	-0.004	0.000	-0.004
3	A138UB	-0.005	0.000	-0.005
3	A140UB	-0.001	0.000	-0.001
3	B21UB	-0.005	0.001	-0.006
3	C7UB	-0.006	-0.003	-0.003
3	C31UB	-0.004	0.002	-0.006
10	A135B	-0.008	-0.005	-0.003
10	A137B	-0.009	0.001	-0.010
10	B64B	-0.004	0.001	-0.005
10	C29B	0.000	-0.001	0.001
10	C30B	-0.008	-0.002	-0.006
10	A133UB	-0.008	-0.002	-0.006
10	A132UB	0.000	-0.002	0.002
10	B75UB	-0.005	-0.002	-0.003
10	C27UB	-0.009	-0.003	-0.006
10	C25UB	-0.007	0.001	-0.008
25	A131B	-0.002	0.001	-0.003
25	A130B	-0.003	0.000	-0.003
25	B47B	-0.008	-0.005	-0.003
25	C24B	-0.007	-0.004	-0.003
25	C9B	-0.004	-0.006	0.002
25	A129UB	-0.006	0.001	-0.007
25	A128UB	-0.005	-0.001	-0.004
25	A118UB	-0.003	-0.006	0.003
25	C23UB	-0.003	0.001	-0.004
25	C22UB	-0.006	-0.002	-0.004
30	333B	-0.007	0.000	-0.007
30	334B	-0.002	-0.002	0.000
30	335B	0.000	-0.003	0.003
30	336B	0.001	0.000	0.001
30	337B	0.001	-0.001	0.002
30	322UB	-0.004	0.003	-0.007
30	329UB	0.000	-0.003	0.003
30	330UB	-0.002	0.001	-0.003
30	331UB	-0.002	0.003	-0.005
30	332UB	-0.003	0.000	-0.003
50	A114B	-0.005	-0.004	-0.001
50	A115B	-0.002	-0.001	-0.001
50	A116B	-0.006	0.002	-0.008
50	A120B	-0.005	-0.005	0.000
50	A121B	-0.007	0.000	-0.007
50	A123B	-0.005	-0.001	-0.004
50	A124B	-0.004	0.000	-0.004
50	A189B	-0.004	-0.003	-0.001
50	A190B	-0.007	-0.007	0.000
50	B41B	-0.007	-0.001	-0.006
50	B38B	-0.009	0.002	-0.011
50	C20B	-0.008	-0.002	-0.006
50	C10B	-0.003	0.001	-0.004
50	C15B	-0.004	-0.001	-0.003
50	C13B	-0.006	-0.002	-0.004
50	C3B	-0.008	0.000	-0.008
50	C16B	-0.004	-0.002	-0.002
50	C35B	-0.006	-0.001	-0.005
50	C47B	-0.008	0.000	-0.008
50	C54B	-0.004	-0.003	-0.001
50	C51B	-0.007	0.002	-0.009
50	C55B	-0.009	0.000	-0.009
	Max	0.001	0.003	0.007
	Average	-0.005	-0.001	-0.004
	Min	-0.009	-0.008	-0.011
	Std Dev	0.003	0.002	0.004



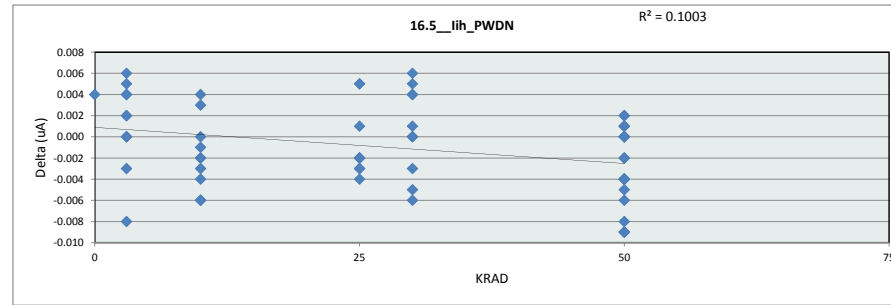
16.4_Iih_SYNC						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.008	-0.003	-0.005	-0.006	-0.003	-0.007
Average	-0.008	0.000	-0.001	-0.002	0.000	-0.001
Max	-0.008	0.003	0.001	0.001	0.003	0.002
UL	10.000	10.000	10.000	10.000	10.000	10.000



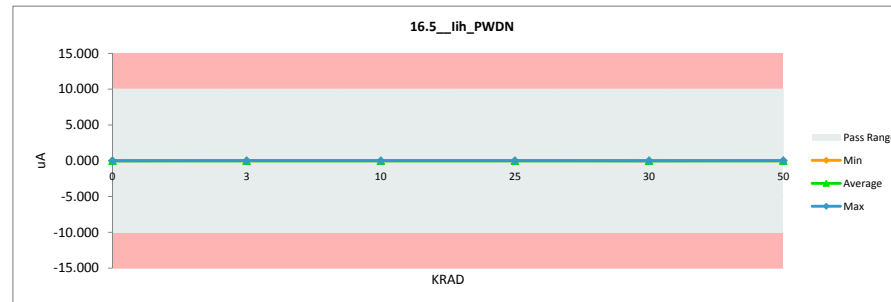
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

16.5_Iih_PWDN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.001	-0.003	0.004
3	A142B	0.006	0.002	0.004
3	A141B	0.000	-0.002	0.002
3	B78B	0.001	-0.001	0.002
3	C1B	0.005	0.000	0.005
3	C2B	0.003	0.003	0.000
3	A138UB	0.005	-0.001	0.006
3	A140UB	0.005	0.005	0.000
3	B21UB	-0.004	0.004	-0.008
3	C7UB	0.002	-0.002	0.004
3	C31UB	-0.001	0.002	-0.003
10	A135B	-0.001	0.005	-0.006
10	A137B	0.001	0.005	-0.004
10	B64B	0.003	0.005	-0.002
10	C29B	-0.001	-0.001	0.000
10	C30B	0.009	0.005	0.004
10	A133UB	0.003	0.000	0.003
10	A132UB	0.001	0.002	-0.001
10	B75UB	0.001	0.004	-0.003
10	C27UB	0.002	0.004	-0.002
10	C25UB	-0.004	0.002	-0.006
25	A131B	-0.002	0.002	-0.004
25	A130B	0.005	0.000	0.005
25	B47B	-0.001	0.002	-0.003
25	C24B	0.006	0.001	0.005
25	C9B	0.000	0.002	-0.002
25	A129UB	-0.002	0.000	-0.002
25	A128UB	0.002	0.004	-0.002
25	A118UB	0.002	0.004	-0.002
25	C23UB	0.001	0.000	0.001
25	C22UB	0.002	0.005	-0.003
30	333B	-0.001	-0.006	0.005
30	334B	0.000	-0.006	0.006
30	335B	-0.001	-0.001	0.000
30	336B	-0.002	0.003	-0.005
30	337B	-0.001	-0.005	0.004
30	322UB	0.002	-0.002	0.004
30	329UB	-0.003	0.000	-0.003
30	330UB	-0.002	-0.003	0.001
30	331UB	-0.004	0.002	-0.006
30	332UB	-0.003	-0.003	0.000
50	A114B	0.000	0.009	-0.009
50	A115B	0.002	0.001	0.001
50	A116B	0.001	0.010	-0.009
50	A120B	-0.001	0.004	-0.005
50	A121B	0.004	0.003	0.001
50	A123B	0.004	0.008	-0.004
50	A124B	0.001	0.003	-0.002
50	A189B	0.000	0.000	0.000
50	A190B	0.000	0.004	-0.004
50	B41B	0.002	0.006	-0.004
50	B38B	-0.004	0.005	-0.009
50	C20B	0.005	0.003	0.002
50	C10B	0.006	0.005	0.001
50	C15B	0.000	0.000	0.000
50	C13B	-0.002	0.002	-0.004
50	C3B	-0.002	0.004	-0.006
50	C16B	0.000	0.004	-0.004
50	C35B	0.004	0.004	0.000
50	C47B	0.004	0.002	0.002
50	C54B	-0.003	0.005	-0.008
50	C51B	0.004	0.004	0.000
50	C55B	0.000	0.002	-0.002
	Max	0.009	0.010	0.006
	Average	0.001	0.002	-0.001
	Min	-0.004	-0.006	-0.009
	Std Dev	0.003	0.003	0.004



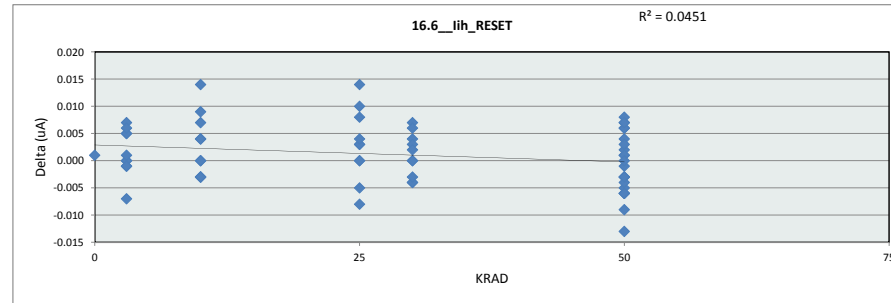
16.5_Iih_PWDN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.003	-0.002	-0.001	0.001	-0.006	0.001
Average	-0.003	0.001	0.003	0.002	-0.002	0.004
Max	-0.003	0.005	0.005	0.005	0.003	0.010
UL	10.000	10.000	10.000	10.000	10.000	10.000



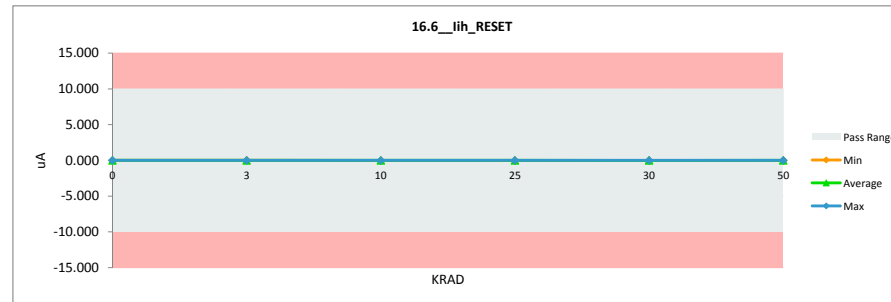
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

16.6_Iih_RESET				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.007	0.006	0.001
3	A142B	0.000	0.001	-0.001
3	A141B	0.004	-0.001	0.005
3	B78B	-0.002	-0.002	0.000
3	C1B	0.003	-0.002	0.005
3	C2B	0.007	0.000	0.007
3	A138UB	0.000	0.000	0.000
3	A140UB	0.004	-0.002	0.006
3	B21UB	-0.004	0.003	-0.007
3	C7UB	-0.001	-0.002	0.001
3	C31UB	0.001	0.002	-0.001
10	A135B	0.000	0.003	-0.003
10	A137B	0.000	0.003	-0.003
10	B64B	0.000	-0.004	0.004
10	C29B	0.002	-0.002	0.004
10	C30B	0.003	-0.004	0.007
10	A133UB	0.000	0.003	-0.003
10	A132UB	0.003	-0.006	0.009
10	B75UB	0.009	-0.005	0.014
10	C27UB	-0.001	-0.001	0.000
10	C25UB	0.000	0.000	0.000
25	A131B	0.003	0.003	0.000
25	A130B	0.001	-0.002	0.003
25	B47B	-0.003	0.002	-0.005
25	C24B	0.004	0.001	0.003
25	C9B	0.004	-0.006	0.010
25	A129UB	0.003	-0.005	0.008
25	A128UB	0.014	0.000	0.014
25	A118UB	0.005	0.001	0.004
25	C23UB	-0.002	0.006	-0.008
25	C22UB	-0.001	-0.001	0.000
30	333B	-0.002	-0.009	0.007
30	334B	-0.001	0.003	-0.004
30	335B	-0.001	-0.001	0.000
30	336B	0.001	-0.003	0.004
30	337B	-0.002	-0.005	0.003
30	322UB	-0.005	-0.007	0.002
30	329UB	0.000	0.004	-0.004
30	330UB	-0.005	-0.002	-0.003
30	331UB	-0.001	-0.001	0.000
30	332UB	-0.001	-0.007	0.006
50	A114B	0.000	0.006	-0.006
50	A115B	0.001	0.007	-0.006
50	A116B	0.002	0.003	-0.001
50	A120B	-0.001	0.012	-0.013
50	A121B	0.004	0.009	-0.005
50	A123B	0.012	0.005	0.007
50	A124B	0.004	0.003	0.001
50	A189B	0.005	0.003	0.002
50	A190B	0.004	0.007	-0.003
50	B41B	0.003	0.002	0.001
50	B38B	0.000	0.003	-0.003
50	C20B	0.004	0.008	-0.004
50	C10B	0.010	0.002	0.008
50	C15B	0.006	0.015	-0.009
50	C13B	0.006	0.006	0.000
50	C3B	0.002	-0.002	0.004
50	C16B	0.004	0.010	-0.006
50	C35B	0.003	-0.003	0.006
50	C47B	0.007	0.004	0.003
50	C54B	0.009	0.003	0.006
50	C51B	0.009	0.002	0.007
50	C55B	0.007	0.010	-0.003
	Max	0.014	0.015	0.014
	Average	0.002	0.001	0.001
	Min	-0.005	-0.009	-0.013
	Std Dev	0.004	0.005	0.005

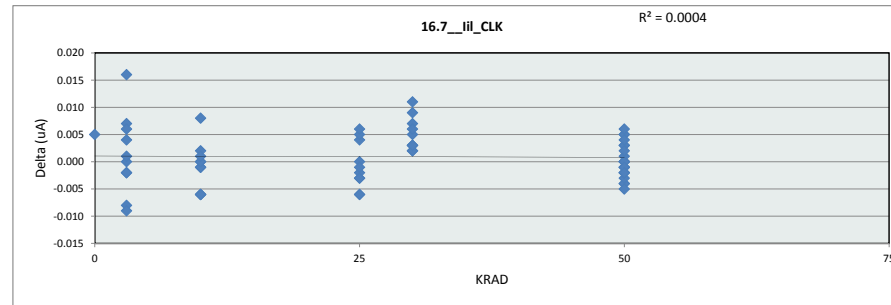


16.6_Iih_RESET						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.006	-0.002	-0.006	-0.006	-0.009	-0.003
Average	0.006	0.000	-0.001	0.000	-0.003	0.005
Max	0.006	0.003	0.003	0.006	0.004	0.015
UL	10.000	10.000	10.000	10.000	10.000	10.000

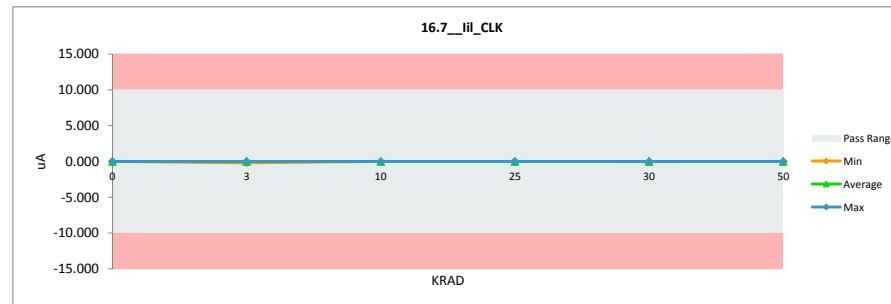


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

16.7_iiI_CLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.000	-0.005	0.005
3	A142B	-0.191	-0.189	-0.002
3	A141B	0.003	-0.004	0.007
3	B78B	-0.003	-0.001	-0.002
3	C1B	0.001	-0.005	0.006
3	C2B	0.009	-0.007	0.016
3	A138UB	-0.005	0.003	-0.008
3	A140UB	-0.002	0.007	-0.009
3	B21UB	0.000	0.000	0.000
3	C7UB	-0.001	-0.002	0.001
3	C31UB	0.004	0.000	0.004
10	A135B	-0.002	0.004	-0.006
10	A137B	-0.001	0.000	-0.001
10	B64B	0.005	0.003	0.002
10	C29B	-0.003	-0.003	0.000
10	C30B	0.000	0.001	-0.001
10	A133UB	-0.003	-0.003	0.000
10	A132UB	-0.002	0.004	-0.006
10	B75UB	0.002	-0.006	0.008
10	C27UB	-0.002	0.004	-0.006
10	C25UB	0.002	0.001	0.001
25	A131B	0.000	-0.004	0.004
25	A130B	-0.001	0.002	-0.003
25	B47B	-0.001	-0.001	0.000
25	C24B	-0.004	-0.002	-0.002
25	C9B	-0.001	-0.006	0.005
25	A129UB	-0.005	0.001	-0.006
25	A128UB	-0.001	0.000	-0.001
25	A118UB	0.007	0.001	0.006
25	C23UB	-0.002	0.004	-0.006
25	C22UB	0.000	0.003	-0.003
30	333B	0.001	-0.006	0.007
30	334B	-0.003	-0.006	0.003
30	335B	-0.001	-0.010	0.009
30	336B	-0.006	-0.008	0.002
30	337B	0.000	-0.011	0.011
30	322UB	0.002	-0.001	0.003
30	329UB	-0.005	-0.007	0.002
30	330UB	-0.008	-0.011	0.003
30	331UB	0.001	-0.004	0.005
30	332UB	-0.001	-0.007	0.006
50	A114B	0.000	0.000	0.000
50	A115B	0.000	0.004	-0.004
50	A116B	-0.006	-0.005	-0.001
50	A120B	0.002	-0.001	0.003
50	A121B	0.002	-0.003	0.005
50	A123B	0.005	0.000	0.005
50	A124B	-0.002	-0.002	0.000
50	A189B	-0.003	0.001	-0.004
50	A190B	0.001	-0.005	0.006
50	B41B	-0.003	-0.002	-0.001
50	B38B	-0.003	0.000	-0.003
50	C20B	-0.001	-0.001	0.000
50	C10B	0.001	0.000	0.001
50	C15B	0.000	0.000	0.000
50	C13B	0.003	0.000	0.003
50	C3B	-0.004	-0.002	-0.002
50	C16B	-0.001	-0.005	0.004
50	C35B	-0.001	0.001	-0.002
50	C47B	0.000	-0.002	0.002
50	C54B	-0.001	0.000	-0.001
50	C51B	-0.004	0.001	-0.005
50	C55B	-0.002	0.000	-0.002
	Max	0.009	0.007	0.016
	Average	-0.004	-0.005	0.001
	Min	-0.191	-0.189	-0.009
	Std Dev	0.024	0.024	0.005



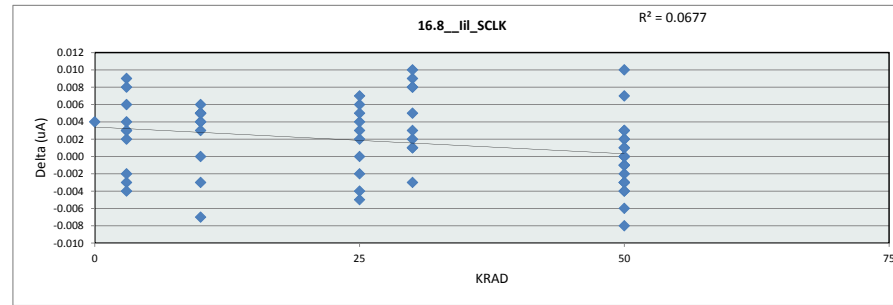
16.7_iiI_CLK						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.005	-0.189	-0.006	-0.006	-0.011	-0.005
Average	-0.005	-0.020	0.001	0.000	-0.007	-0.001
Max	-0.005	0.007	0.004	0.004	-0.001	0.004
UL	10.000	10.000	10.000	10.000	10.000	10.000



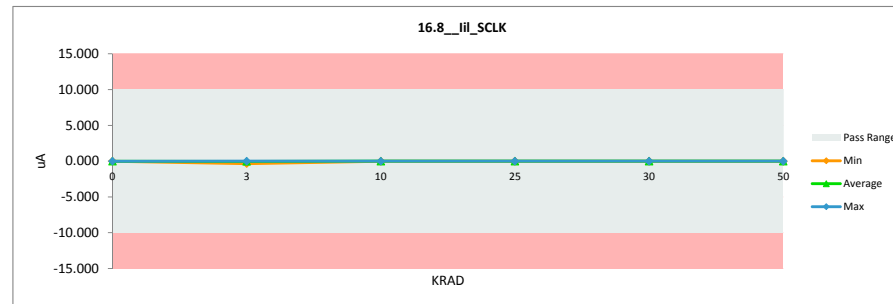
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

16.8_III_SCLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.002	-0.006	0.004
3	A142B	-0.339	-0.341	0.002
3	A141B	-0.004	-0.001	-0.003
3	B78B	0.001	-0.008	0.009
3	C1B	-0.002	-0.008	0.006
3	C2B	-0.001	-0.004	0.003
3	A138UB	-0.002	0.002	-0.004
3	A140UB	-0.005	-0.003	-0.002
3	B21UB	0.002	-0.006	0.008
3	C7UB	0.003	0.000	0.003
3	C31UB	-0.001	-0.005	0.004
10	A135B	0.003	-0.003	0.006
10	A137B	-0.001	-0.004	0.003
10	B64B	0.000	-0.004	0.004
10	C29B	0.001	-0.003	0.004
10	C30B	-0.002	-0.007	0.005
10	A133UB	-0.004	-0.001	-0.003
10	A132UB	-0.001	-0.006	0.005
10	B75UB	-0.001	-0.006	0.005
10	C27UB	-0.004	0.003	-0.007
10	C25UB	-0.001	-0.001	0.000
25	A131B	0.003	-0.001	0.004
25	A130B	-0.006	-0.002	-0.004
25	B47B	-0.003	-0.009	0.006
25	C24B	-0.005	0.000	-0.005
25	C9B	-0.005	-0.003	-0.002
25	A129UB	0.005	-0.002	0.007
25	A128UB	-0.004	-0.004	0.000
25	A118UB	-0.001	-0.003	0.002
25	C23UB	0.000	-0.003	0.003
25	C22UB	0.001	-0.004	0.005
30	333B	-0.003	-0.005	0.002
30	334B	-0.002	-0.003	0.001
30	335B	0.003	-0.006	0.009
30	336B	0.003	-0.007	0.010
30	337B	-0.001	-0.009	0.008
30	322UB	0.000	-0.003	0.003
30	329UB	0.000	-0.001	0.001
30	330UB	0.000	-0.008	0.008
30	331UB	-0.004	-0.001	-0.003
30	332UB	-0.002	-0.007	0.005
50	A114B	-0.003	-0.003	0.000
50	A115B	-0.002	-0.005	0.003
50	A116B	-0.006	0.002	-0.008
50	A120B	0.000	0.003	-0.003
50	A121B	0.000	-0.007	0.007
50	A123B	-0.002	-0.001	-0.001
50	A124B	-0.003	0.001	-0.004
50	A189B	-0.003	-0.005	0.002
50	A190B	-0.004	-0.002	-0.002
50	B41B	-0.005	0.001	-0.006
50	B38B	-0.003	-0.005	0.002
50	C20B	0.003	-0.007	0.010
50	C10B	-0.001	-0.002	0.001
50	C15B	-0.004	-0.003	-0.001
50	C13B	-0.004	-0.003	-0.001
50	C3B	-0.003	-0.003	0.000
50	C16B	-0.005	-0.002	-0.003
50	C35B	-0.003	-0.004	0.001
50	C47B	0.001	0.001	0.000
50	C54B	-0.006	-0.003	-0.003
50	C51B	0.000	-0.003	0.003
50	C55B	-0.002	0.002	-0.004
	Max	0.005	0.003	0.010
	Average	-0.007	-0.009	0.002
	Min	-0.339	-0.341	-0.008
	Std Dev	0.043	0.043	0.004



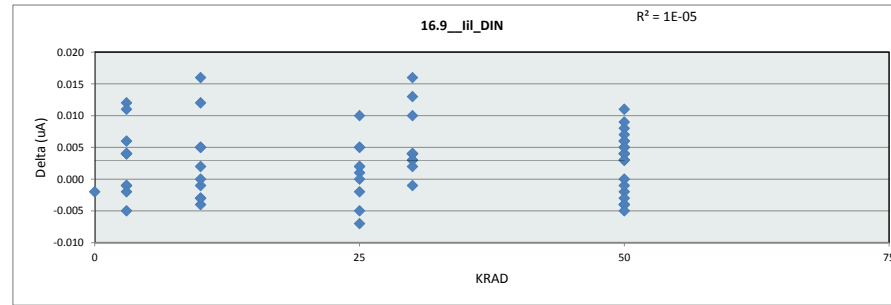
16.8_III_SCLK						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.006	-0.341	-0.007	-0.009	-0.009	-0.007
Average	-0.006	-0.037	-0.003	-0.003	-0.005	-0.002
Max	-0.006	0.002	0.003	0.000	0.000	0.003
UL	10.000	10.000	10.000	10.000	10.000	10.000



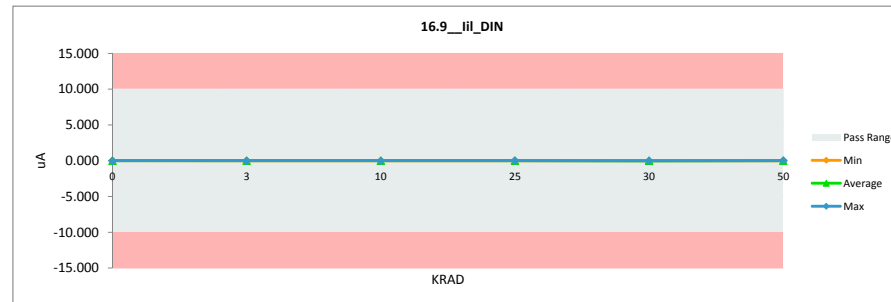
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

16.9_iiI_DIN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.000	0.002	-0.002
3	A142B	0.004	0.005	-0.001
3	A141B	0.006	-0.006	0.012
3	B78B	0.003	-0.003	0.006
3	C1B	0.007	-0.004	0.011
3	C2B	0.004	0.005	-0.001
3	A138UB	0.006	0.002	0.004
3	A140UB	0.001	0.006	-0.005
3	B21UB	0.004	0.000	0.004
3	C7UB	0.001	-0.003	0.004
3	C31UB	0.003	0.005	-0.002
10	A135B	0.000	0.003	-0.003
10	A137B	0.001	-0.004	0.005
10	B64B	0.012	0.000	0.012
10	C29B	0.001	0.002	-0.001
10	C30B	0.002	0.000	0.002
10	A133UB	0.001	0.005	-0.004
10	A132UB	0.005	0.000	0.005
10	B75UB	0.000	0.003	-0.003
10	C27UB	-0.001	-0.001	0.000
10	C25UB	0.011	-0.005	0.016
25	A131B	0.001	0.000	0.001
25	A130B	0.001	0.008	-0.007
25	B47B	0.004	-0.001	0.005
25	C24B	0.005	-0.005	0.010
25	C9B	0.004	0.002	0.002
25	A129UB	0.004	-0.001	0.005
25	A128UB	-0.002	0.000	-0.002
25	A118UB	0.001	-0.001	0.002
25	C23UB	-0.001	0.004	-0.005
25	C22UB	-0.001	-0.001	0.000
30	333B	-0.006	-0.016	0.010
30	334B	-0.002	-0.005	0.003
30	335B	-0.004	-0.008	0.004
30	336B	-0.003	-0.007	0.004
30	337B	0.000	-0.004	0.004
30	322UB	-0.004	-0.003	-0.001
30	329UB	0.003	-0.013	0.016
30	330UB	-0.003	-0.006	0.003
30	331UB	-0.001	-0.003	0.002
30	332UB	0.005	-0.008	0.013
50	A114B	0.005	0.001	0.004
50	A115B	-0.001	0.003	-0.004
50	A116B	0.005	-0.001	0.006
50	A120B	0.003	0.007	-0.004
50	A121B	0.004	-0.004	0.008
50	A123B	0.006	0.003	0.003
50	A124B	0.010	-0.001	0.011
50	A189B	0.006	-0.003	0.009
50	A190B	0.000	-0.003	0.003
50	B41B	0.003	-0.002	0.005
50	B38B	0.000	0.002	-0.002
50	C20B	0.002	0.006	-0.004
50	C10B	0.002	-0.005	0.007
50	C15B	-0.005	-0.002	-0.003
50	C13B	0.003	-0.001	0.004
50	C3B	0.002	0.003	-0.001
50	C16B	0.004	0.000	0.004
50	C35B	-0.001	-0.007	0.006
50	C47B	0.002	-0.001	0.003
50	C54B	0.003	-0.002	0.005
50	C51B	0.001	0.006	-0.005
50	C55B	0.001	0.001	0.000
	Max	0.012	0.008	0.016
	Average	0.002	-0.001	0.003
	Min	-0.006	-0.016	-0.007
	Std Dev	0.004	0.005	0.005

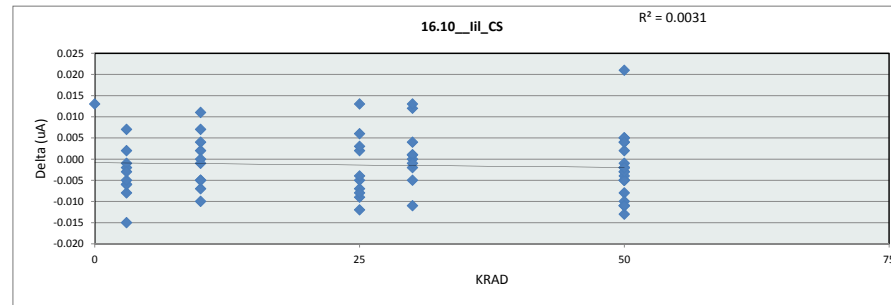


16.9_iiI_DIN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.002	-0.006	-0.005	-0.005	-0.016	-0.007
Average	0.002	0.001	0.000	0.001	-0.007	0.000
Max	0.002	0.006	0.005	0.008	-0.003	0.007
UL	10.000	10.000	10.000	10.000	10.000	10.000

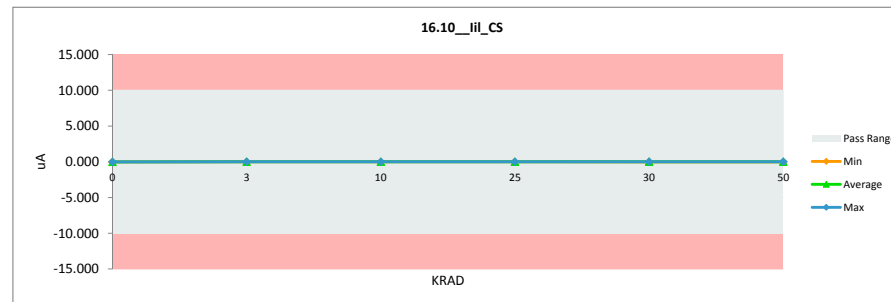


ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

		16.10_iil_CS		
Test Site		CLAB	CLAB	
Tester		EAGLE3	EAGLE3	
Test Number		EF651300	EF651300	
Unit		uA	uA	
Max Limit		10	10	
Min Limit		-10	-10	
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.002	-0.011	0.013
3	A142B	-0.009	-0.001	-0.008
3	A141B	-0.005	-0.003	-0.002
3	B78B	-0.001	-0.008	0.007
3	C1B	-0.005	-0.007	0.002
3	C2B	-0.007	-0.001	-0.006
3	A138UB	-0.001	0.000	-0.001
3	A140UB	-0.004	0.002	-0.006
3	B21UB	-0.004	0.001	-0.005
3	C7UB	-0.005	0.010	-0.015
3	C31UB	-0.005	-0.002	-0.003
10	A135B	-0.003	-0.002	-0.001
10	A137B	-0.003	0.004	-0.007
10	B64B	0.000	0.005	-0.005
10	C29B	-0.005	0.000	-0.005
10	C30B	-0.009	0.001	-0.010
10	A133UB	0.001	-0.001	0.002
10	A132UB	-0.005	-0.005	0.000
10	B75UB	0.010	-0.001	0.011
10	C27UB	0.007	0.000	0.007
10	C25UB	-0.001	-0.005	0.004
25	A131B	-0.004	0.003	-0.007
25	A130B	-0.007	-0.002	-0.005
25	B47B	-0.003	-0.005	0.002
25	C24B	0.003	-0.003	0.006
25	C9B	-0.002	0.010	-0.012
25	A129UB	0.000	-0.003	0.003
25	A128UB	-0.008	0.001	-0.009
25	A118UB	-0.006	-0.002	-0.004
25	C23UB	0.007	-0.006	0.013
25	C22UB	-0.005	0.003	-0.008
30	333B	0.003	-0.001	0.004
30	334B	-0.006	-0.001	-0.005
30	335B	-0.009	-0.007	-0.002
30	336B	-0.003	-0.004	0.001
30	337B	-0.004	-0.004	0.000
30	322UB	-0.006	-0.007	0.001
30	329UB	-0.008	0.003	-0.011
30	330UB	0.002	-0.010	0.012
30	331UB	-0.003	-0.002	-0.001
30	332UB	0.001	-0.012	0.013
50	A114B	-0.002	0.001	-0.003
50	A115B	-0.008	0.000	-0.008
50	A116B	0.003	-0.002	0.005
50	A120B	-0.007	0.004	-0.011
50	A121B	-0.009	0.001	-0.010
50	A123B	-0.001	0.001	-0.002
50	A124B	-0.003	-0.007	0.004
50	A189B	-0.007	-0.009	0.002
50	A190B	0.000	0.004	-0.004
50	B41B	0.002	0.007	-0.005
50	B38B	-0.002	0.003	-0.005
50	C20B	0.008	0.003	0.005
50	C10B	-0.005	0.008	-0.013
50	C15B	0.008	-0.013	0.021
50	C13B	-0.005	0.000	-0.005
50	C3B	0.002	0.005	-0.003
50	C16B	-0.002	0.009	-0.011
50	C35B	-0.005	-0.004	-0.001
50	C47B	0.003	0.005	-0.002
50	C54B	0.002	-0.002	0.004
50	C51B	-0.006	0.005	-0.011
50	C55B	0.001	0.003	-0.002
	Max	0.010	0.010	0.021
	Average	-0.002	-0.001	-0.001
	Min	-0.009	-0.013	-0.015
	Std Dev	0.005	0.005	0.007



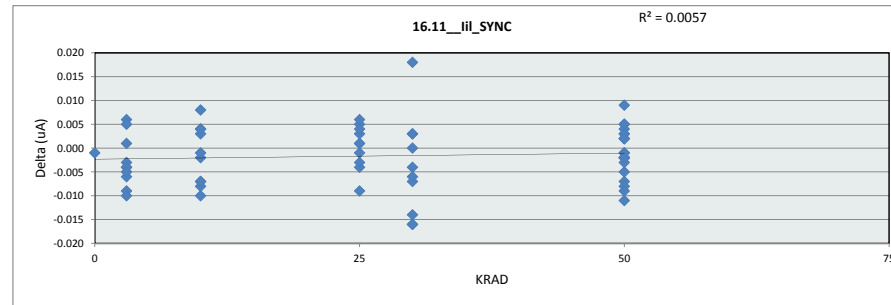
		16.10_iil_CS					
Test Site		CLAB					
Tester		EAGLE3					
Test Number		EF651300					
Max Limit		10	uA				
Min Limit		-10	uA				
KRAD	0	3	10	25	30	50	
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000	
Min	-0.011	-0.008	-0.005	-0.006	-0.012	-0.013	
Average	-0.011	-0.001	0.000	0.000	-0.005	0.001	
Max	-0.011	0.010	0.005	0.010	0.003	0.009	
UL	10.000	10.000	10.000	10.000	10.000	10.000	



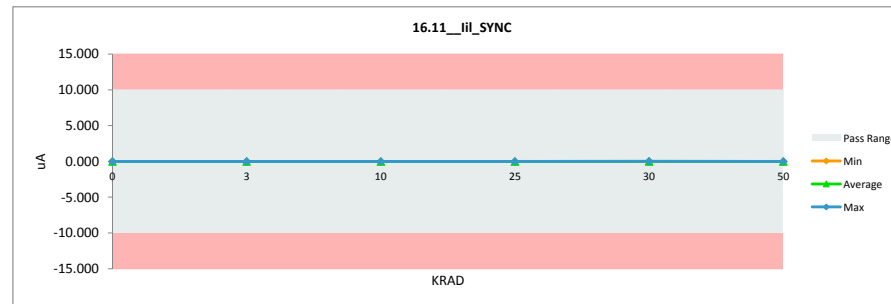
ADS1282-RHA  
 TID Report  
 TID HDR Report (3KRad - 50KRad)  
 All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

16.11_iil_SYNC				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	-0.004	-0.003	-0.001
3	A142B	-0.006	0.003	-0.009
3	A141B	0.002	0.001	0.001
3	B78B	0.000	-0.006	0.006
3	C1B	-0.004	0.002	-0.006
3	C2B	-0.007	-0.003	-0.004
3	A138UB	-0.008	-0.005	-0.003
3	A140UB	-0.002	-0.007	0.005
3	B21UB	-0.008	-0.004	-0.004
3	C7UB	-0.012	-0.007	-0.005
3	C31UB	-0.009	0.001	-0.010
10	A135B	-0.006	-0.004	-0.002
10	A137B	-0.008	0.002	-0.010
10	B64B	-0.005	0.003	-0.008
10	C29B	-0.001	-0.005	0.004
10	C30B	-0.006	-0.009	0.003
10	A133UB	0.001	-0.003	0.004
10	A132UB	0.004	-0.004	0.008
10	B75UB	-0.005	0.002	-0.007
10	C27UB	-0.007	0.000	-0.007
10	C25UB	-0.005	-0.004	-0.001
25	A131B	-0.004	-0.005	0.001
25	A130B	-0.008	-0.004	-0.004
25	B47B	-0.006	-0.003	-0.003
25	C24B	-0.008	-0.009	0.001
25	C9B	-0.006	-0.011	0.005
25	A129UB	-0.005	-0.004	-0.001
25	A128UB	-0.001	-0.004	0.003
25	A118UB	-0.005	-0.009	0.004
25	C23UB	-0.009	0.000	-0.009
25	C22UB	0.002	-0.004	0.006
30	333B	0.001	0.001	0.000
30	334B	0.002	-0.001	0.003
30	335B	-0.003	0.004	-0.007
30	336B	0.009	-0.009	0.018
30	337B	-0.001	0.005	-0.006
30	322UB	0.002	-0.001	0.003
30	329UB	-0.003	0.001	-0.004
30	330UB	-0.005	0.011	-0.016
30	331UB	-0.015	0.001	-0.016
30	332UB	-0.009	0.005	-0.014
50	A114B	-0.003	-0.007	0.004
50	A115B	-0.003	-0.005	0.002
50	A116B	-0.006	0.001	-0.007
50	A120B	-0.007	-0.005	-0.002
50	A121B	-0.006	-0.004	-0.002
50	A123B	-0.003	-0.006	0.003
50	A124B	-0.005	-0.003	-0.002
50	A189B	-0.004	-0.003	-0.001
50	A190B	-0.008	-0.006	-0.002
50	B41B	-0.004	-0.006	0.002
50	B38B	0.005	0.002	0.003
50	C20B	-0.005	-0.004	-0.001
50	C10B	-0.007	0.004	-0.011
50	C15B	-0.006	-0.011	0.005
50	C13B	-0.005	-0.002	-0.003
50	C3B	-0.007	0.001	-0.008
50	C16B	-0.006	-0.004	-0.002
50	C35B	-0.008	-0.003	-0.005
50	C47B	-0.010	-0.001	-0.009
50	C54B	-0.001	-0.003	0.002
50	C51B	-0.001	-0.006	0.005
50	C55B	0.003	-0.006	0.009
	Max	0.009	0.011	0.018
	Average	-0.004	-0.003	-0.002
	Min	-0.015	-0.011	-0.016
	Std Dev	0.004	0.004	0.006



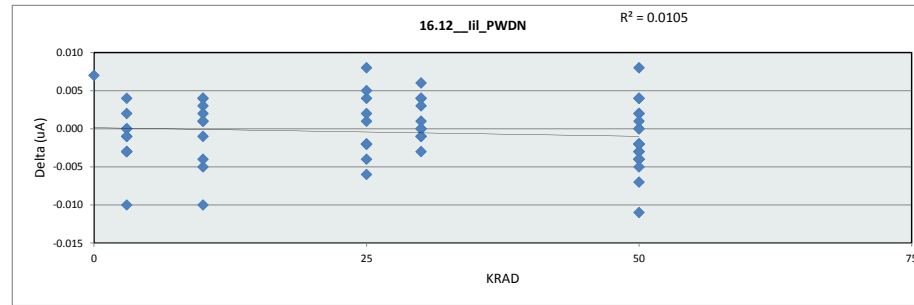
16.11_iil_SYNC						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.003	-0.007	-0.009	-0.011	-0.009	-0.011
Average	-0.003	-0.003	-0.002	-0.005	0.002	-0.004
Max	-0.003	0.003	0.003	0.000	0.011	0.004
UL	10.000	10.000	10.000	10.000	10.000	10.000



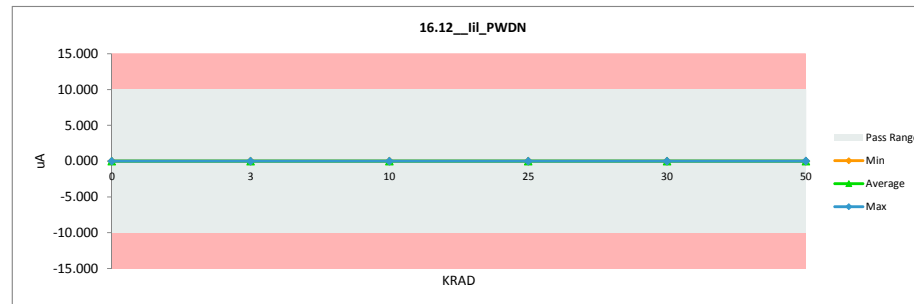
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

16.12_iil_PWDN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.004	-0.003	0.007
3	A142B	0.000	0.003	-0.003
3	A141B	-0.004	0.006	-0.010
3	B78B	0.000	-0.002	0.002
3	C1B	0.001	0.001	0.000
3	C2B	-0.001	0.002	-0.003
3	A138UB	0.001	-0.003	0.004
3	A140UB	0.001	0.001	0.000
3	B21UB	-0.003	0.000	-0.003
3	C7UB	0.002	0.003	-0.001
3	C31UB	0.000	0.001	-0.001
10	A135B	-0.002	0.003	-0.005
10	A137B	0.000	-0.003	0.003
10	B64B	-0.001	-0.002	0.001
10	C29B	0.001	-0.003	0.004
10	C30B	0.002	0.006	-0.004
10	A133UB	-0.003	-0.005	0.002
10	A132UB	0.003	0.002	0.001
10	B75UB	-0.001	0.000	-0.001
10	C27UB	0.003	-0.001	0.004
10	C25UB	-0.006	0.004	-0.010
25	A131B	0.004	-0.004	0.008
25	A130B	-0.003	-0.001	-0.002
25	B47B	0.005	0.000	0.005
25	C24B	0.002	0.001	0.001
25	C9B	-0.003	-0.001	-0.002
25	A129UB	-0.001	0.001	-0.002
25	A128UB	0.001	-0.001	0.002
25	A118UB	-0.001	0.005	-0.006
25	C23UB	0.000	-0.004	0.004
25	C22UB	-0.002	0.002	-0.004
30	333B	-0.005	-0.002	-0.003
30	334B	-0.002	-0.006	0.004
30	335B	-0.002	-0.002	0.000
30	336B	-0.002	-0.006	0.004
30	337B	-0.003	-0.006	0.003
30	322UB	-0.001	-0.002	0.001
30	329UB	-0.005	-0.005	0.000
30	330UB	-0.005	-0.011	0.006
30	331UB	-0.003	-0.002	-0.001
30	332UB	-0.007	-0.006	-0.001
50	A114B	0.003	0.002	0.001
50	A115B	0.005	0.003	0.002
50	A116B	0.005	0.007	-0.002
50	A120B	-0.001	-0.001	0.000
50	A121B	-0.002	0.000	-0.002
50	A123B	0.001	0.005	-0.004
50	A124B	-0.002	0.002	-0.004
50	A189B	0.005	-0.003	0.008
50	A190B	0.000	0.003	-0.003
50	B41B	-0.001	0.002	-0.003
50	B38B	-0.003	0.001	-0.004
50	C20B	-0.001	-0.003	0.002
50	C10B	0.000	0.003	-0.003
50	C15B	0.002	-0.002	0.004
50	C13B	-0.004	0.003	-0.007
50	C3B	-0.002	-0.002	0.000
50	C16B	-0.003	0.008	-0.011
50	C35B	0.005	0.001	0.004
50	C47B	0.002	0.004	-0.002
50	C54B	-0.003	0.001	-0.004
50	C51B	0.000	0.005	-0.005
50	C55B	-0.001	0.001	-0.002
	Max	0.005	0.008	0.008
	Average	0.000	0.000	0.000
	Min	-0.007	-0.011	-0.011
	Std Dev	0.003	0.004	0.004



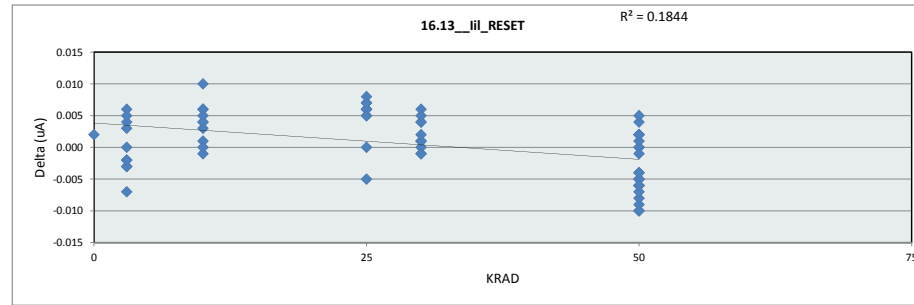
16.12_iil_PWDN						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.003	-0.003	-0.005	-0.004	-0.011	-0.003
Average	-0.003	0.001	0.000	0.000	-0.005	0.002
Max	-0.003	0.006	0.006	0.005	-0.002	0.008
UL	10.000	10.000	10.000	10.000	10.000	10.000



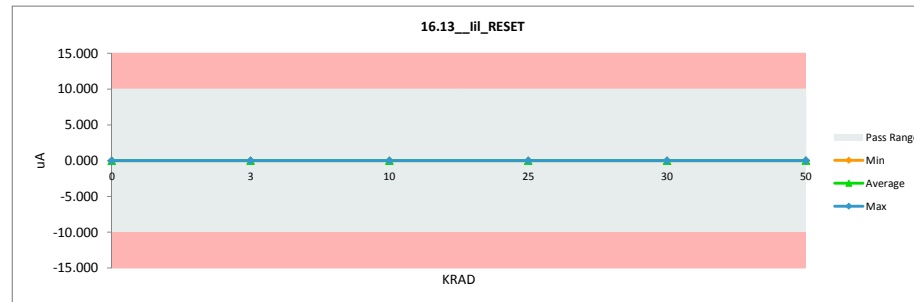
ADS1282-RHA  
TID Report  
TID HDR Report (3KRad - 50KRad)  
All units passed SMD specification limits up to 50kRAD HDR

TID HDR Report

16.13_iiI_RESET				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
KRAD	Serial #	PRE_HDR	POST_HDR	Delta
0	1	0.001	-0.001	0.002
3	A142B	0.003	-0.001	0.004
3	A141B	-0.005	0.002	-0.007
3	B78B	0.001	0.001	0.000
3	C1B	0.004	-0.002	0.006
3	C2B	0.001	0.003	-0.002
3	A138UB	0.005	0.000	0.005
3	A140UB	-0.004	-0.001	-0.003
3	B21UB	-0.005	-0.002	-0.003
3	C7UB	0.000	0.002	-0.002
3	C31UB	0.003	0.000	0.003
10	A135B	0.003	-0.003	0.006
10	A137B	0.001	-0.004	0.005
10	B64B	-0.001	-0.004	0.003
10	C29B	0.002	0.001	0.001
10	C30B	0.009	-0.001	0.010
10	A133UB	-0.001	-0.005	0.004
10	A132UB	0.002	-0.004	0.006
10	B75UB	0.000	0.001	-0.001
10	C27UB	0.002	-0.002	0.004
10	C25UB	0.001	0.001	0.000
25	A131B	0.006	0.001	0.005
25	A130B	0.006	0.000	0.006
25	B47B	-0.004	0.001	-0.005
25	C24B	0.006	-0.001	0.007
25	C9B	0.002	-0.004	0.006
25	A129UB	0.005	-0.001	0.006
25	A128UB	0.009	0.001	0.008
25	A118UB	0.007	0.000	0.007
25	C23UB	0.001	0.001	0.000
25	C22UB	0.002	-0.003	0.005
30	333B	-0.003	-0.003	0.000
30	334B	0.002	0.001	0.001
30	335B	0.002	0.003	-0.001
30	336B	0.000	-0.004	0.004
30	337B	-0.002	-0.003	0.001
30	322UB	0.004	-0.002	0.006
30	329UB	0.005	0.001	0.004
30	330UB	-0.001	0.000	-0.001
30	331UB	0.004	-0.001	0.005
30	332UB	0.001	-0.001	0.002
50	A114B	0.004	0.004	0.000
50	A115B	0.000	0.010	-0.010
50	A116B	0.002	0.007	-0.005
50	A120B	0.000	0.009	-0.009
50	A121B	0.006	0.006	0.000
50	A123B	0.003	0.009	-0.006
50	A124B	0.003	0.008	-0.005
50	A189B	0.001	0.009	-0.008
50	A190B	0.003	0.007	-0.004
50	B41B	-0.001	0.004	-0.005
50	B38B	0.007	0.005	0.002
50	C20B	0.003	0.004	-0.001
50	C10B	0.002	0.006	-0.004
50	C15B	-0.001	0.009	-0.010
50	C13B	0.004	0.010	-0.006
50	C3B	0.004	0.003	0.001
50	C16B	0.002	0.009	-0.007
50	C35B	0.011	0.007	0.004
50	C47B	0.009	0.004	0.005
50	C54B	0.005	0.003	0.002
50	C51B	0.005	0.003	0.002
50	C55B	0.000	0.006	-0.006
	Max	0.011	0.010	0.010
	Average	0.002	0.002	0.001
	Min	-0.005	-0.005	-0.010
	Std Dev	0.003	0.004	0.005



16.13_iiI_RESET						
Test Site	CLAB					
Tester	EAGLE3					
Test Number	EF651300					
Max Limit	10	uA				
Min Limit	-10	uA				
KRAD	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.001	-0.002	-0.005	-0.004	-0.004	0.003
Average	-0.001	0.000	-0.002	-0.001	-0.001	0.006
Max	-0.001	0.003	0.000	0.001	0.003	0.010
UL	10.000	10.000	10.000	10.000	10.000	10.000



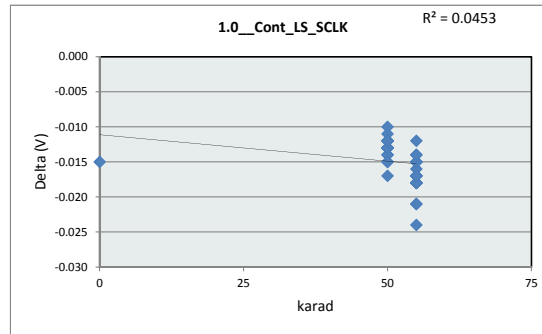
## **ADS1282-RHA**

### **Time Dependent Effect (TDE) Report at HDR 50Krad (Si)**

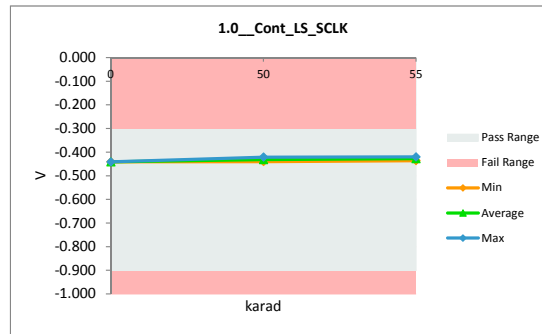
**All units pass SMD specification limits up to 50Krad HDR after the accelerated annealing test. This shows that the device does not show any Time Dependent Effect (TDE) degradation after the Rebound Test, per MIL-STD-883J 1019.9, Condition A and section 3.12 accelerated annealing tests.**

TID HDR Report (50KRad) 540 Hours Room Temp Anneal vs 168 Hours HT Anneal

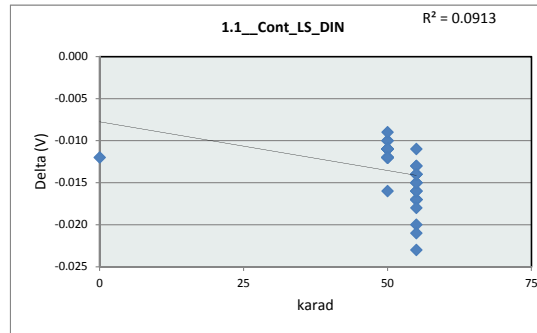
1.0_Cont_LS_SCLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.456	-0.441	-0.015
50	AA114B	-0.441	-0.429	-0.012
50	AA115B	-0.441	-0.428	-0.013
50	AA116B	-0.447	-0.434	-0.013
50	AA120B	-0.444	-0.430	-0.014
50	AA121B	-0.442	-0.430	-0.012
50	AA123B	-0.441	-0.430	-0.011
50	AA124B	-0.447	-0.434	-0.013
50	AA189B	-0.446	-0.434	-0.012
50	AA190B	-0.439	-0.426	-0.013
50	BB41B	-0.453	-0.440	-0.013
50	BB38B	-0.451	-0.438	-0.013
50	CC20B	-0.447	-0.435	-0.012
50	CC10B	-0.443	-0.429	-0.014
50	CC15B	-0.446	-0.431	-0.015
50	CC13B	-0.437	-0.424	-0.013
50	CC3B	-0.446	-0.433	-0.013
50	CC16B	-0.445	-0.433	-0.012
50	CC35B	-0.449	-0.436	-0.013
50	CC47B	-0.446	-0.434	-0.012
50	CC54B	-0.438	-0.421	-0.017
50	CC51B	-0.443	-0.428	-0.015
50	CC55B	-0.444	-0.434	-0.010
55	A114B	-0.441	-0.420	-0.021
55	A115B	-0.441	-0.423	-0.018
55	A116B	-0.447	-0.429	-0.018
55	A120B	-0.444	-0.426	-0.018
55	A121B	-0.442	-0.421	-0.021
55	A123B	-0.441	-0.423	-0.018
55	A124B	-0.447	-0.423	-0.024
55	A189B	-0.446	-0.429	-0.017
55	A190B	-0.439	-0.421	-0.018
55	B41B	-0.453	-0.436	-0.017
55	B38B	-0.451	-0.433	-0.018
55	C20B	-0.447	-0.430	-0.017
55	C10B	-0.443	-0.428	-0.015
55	C15B	-0.446	-0.429	-0.017
55	C13B	-0.437	-0.422	-0.015
55	C3B	-0.446	-0.430	-0.016
55	C16B	-0.445	-0.430	-0.015
55	C35B	-0.449	-0.434	-0.015
55	C47B	-0.446	-0.432	-0.014
55	C54B	-0.438	-0.424	-0.014
55	C51B	-0.443	-0.426	-0.017
55	C55B	-0.444	-0.432	-0.012
	Max	-0.437	-0.420	-0.010
	Average	-0.445	-0.430	-0.015
	Min	-0.456	-0.441	-0.024
	Std Dev	0.004	0.005	0.003



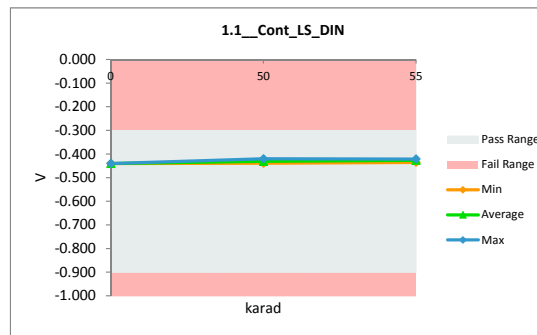
1.0_Cont_LS_SCLK			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-0.3	V	
Min Limit	-0.9	V	
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.441	-0.440	-0.436
Average	-0.441	-0.431	-0.427
Max	-0.441	-0.421	-0.420
UL	-0.300	-0.300	-0.300



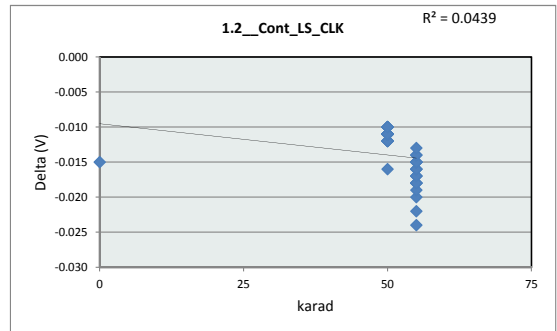
1.1_Cont_LS_DIN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.452	-0.440	-0.012
50	AA114B	-0.441	-0.431	-0.010
50	AA115B	-0.441	-0.429	-0.012
50	AA116B	-0.445	-0.434	-0.011
50	AA120B	-0.443	-0.432	-0.011
50	AA121B	-0.442	-0.431	-0.011
50	AA123B	-0.440	-0.430	-0.010
50	AA124B	-0.444	-0.433	-0.011
50	AA189B	-0.445	-0.434	-0.011
50	AA190B	-0.439	-0.428	-0.011
50	BB41B	-0.451	-0.439	-0.012
50	BB38B	-0.445	-0.433	-0.012
50	CC20B	-0.443	-0.432	-0.011
50	CC10B	-0.440	-0.428	-0.012
50	CC15B	-0.443	-0.431	-0.012
50	CC13B	-0.438	-0.426	-0.012
50	CC3B	-0.443	-0.432	-0.011
50	CC16B	-0.444	-0.433	-0.011
50	CC35B	-0.445	-0.434	-0.011
50	CC47B	-0.443	-0.431	-0.012
50	CC54B	-0.436	-0.420	-0.016
50	CC51B	-0.438	-0.426	-0.012
50	CC55B	-0.442	-0.433	-0.009
55	A114B	-0.441	-0.421	-0.020
55	A115B	-0.441	-0.424	-0.017
55	A116B	-0.445	-0.428	-0.017
55	A120B	-0.443	-0.426	-0.017
55	A121B	-0.442	-0.421	-0.021
55	A123B	-0.440	-0.423	-0.017
55	A124B	-0.444	-0.421	-0.023
55	A189B	-0.445	-0.429	-0.016
55	A190B	-0.439	-0.422	-0.017
55	B41B	-0.451	-0.435	-0.016
55	B38B	-0.445	-0.427	-0.018
55	C20B	-0.443	-0.427	-0.016
55	C10B	-0.440	-0.426	-0.014
55	C15B	-0.443	-0.428	-0.015
55	C13B	-0.438	-0.423	-0.015
55	C3B	-0.443	-0.428	-0.015
55	C16B	-0.444	-0.430	-0.014
55	C35B	-0.445	-0.432	-0.013
55	C47B	-0.443	-0.429	-0.014
55	C54B	-0.436	-0.423	-0.013
55	C51B	-0.438	-0.424	-0.014
55	C55B	-0.442	-0.431	-0.011
Max		-0.436	-0.420	-0.009
Average		-0.443	-0.429	-0.014
Min		-0.452	-0.440	-0.023
Std Dev		0.003	0.005	0.003



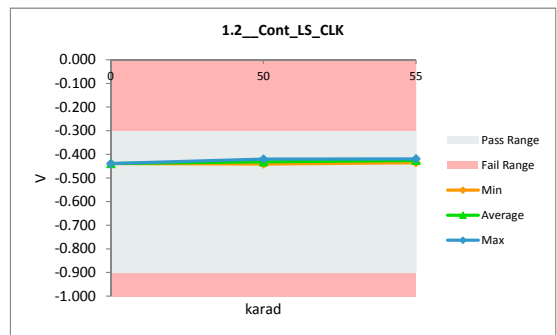
1.1_Cont_LS_DIN			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-0.3	V	
Min Limit	-0.9	V	
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.440	-0.439	-0.435
Average	-0.440	-0.431	-0.426
Max	-0.440	-0.420	-0.421
UL	-0.300	-0.300	-0.300



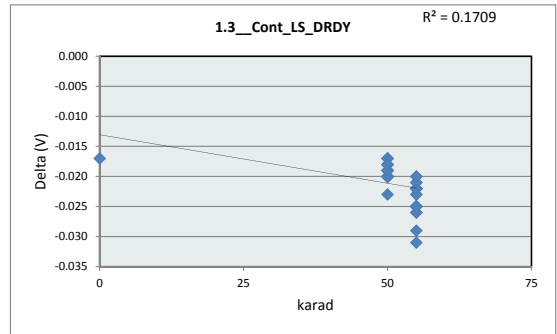
1.2_Cont_LS_CLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.454	-0.439	-0.015
50	AA114B	-0.439	-0.429	-0.010
50	AA115B	-0.441	-0.430	-0.011
50	AA116B	-0.446	-0.435	-0.011
50	AA120B	-0.443	-0.431	-0.012
50	AA121B	-0.442	-0.431	-0.011
50	AA123B	-0.441	-0.430	-0.011
50	AA124B	-0.445	-0.434	-0.011
50	AA189B	-0.443	-0.433	-0.010
50	AA190B	-0.438	-0.427	-0.011
50	BB41B	-0.452	-0.441	-0.011
50	BB38B	-0.447	-0.435	-0.012
50	CC20B	-0.444	-0.434	-0.010
50	CC10B	-0.442	-0.430	-0.012
50	CC15B	-0.443	-0.431	-0.012
50	CC13B	-0.437	-0.426	-0.011
50	CC3B	-0.443	-0.433	-0.010
50	CC16B	-0.445	-0.433	-0.012
50	CC35B	-0.447	-0.436	-0.011
50	CC47B	-0.444	-0.433	-0.011
50	CC54B	-0.436	-0.420	-0.016
50	CC51B	-0.439	-0.428	-0.011
50	CC55B	-0.443	-0.433	-0.010
55	A114B	-0.439	-0.419	-0.020
55	A115B	-0.441	-0.424	-0.017
55	A116B	-0.446	-0.428	-0.018
55	A120B	-0.443	-0.425	-0.018
55	A121B	-0.442	-0.420	-0.022
55	A123B	-0.441	-0.423	-0.018
55	A124B	-0.445	-0.421	-0.024
55	A189B	-0.443	-0.427	-0.016
55	A190B	-0.438	-0.419	-0.019
55	B41B	-0.452	-0.435	-0.017
55	B38B	-0.447	-0.429	-0.018
55	C20B	-0.444	-0.427	-0.017
55	C10B	-0.442	-0.427	-0.015
55	C15B	-0.443	-0.427	-0.016
55	C13B	-0.437	-0.422	-0.015
55	C3B	-0.443	-0.427	-0.016
55	C16B	-0.445	-0.430	-0.015
55	C35B	-0.447	-0.432	-0.015
55	C47B	-0.444	-0.429	-0.015
55	C54B	-0.436	-0.422	-0.014
55	C51B	-0.439	-0.425	-0.014
55	C55B	-0.443	-0.430	-0.013
	Max	-0.436	-0.419	-0.010
	Average	-0.443	-0.429	-0.014
	Min	-0.454	-0.441	-0.024
	Std Dev	0.004	0.005	0.003



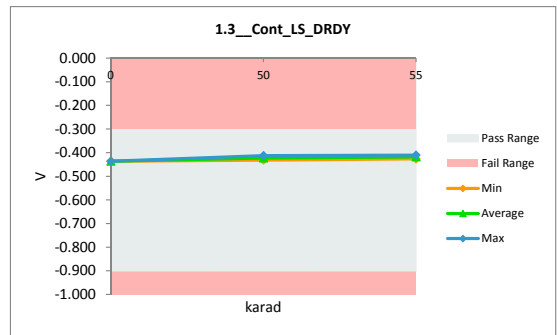
1.2_Cont_LS_CLK			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-0.3	V	
Min Limit	-0.9	V	
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.439	-0.441	-0.435
Average	-0.439	-0.432	-0.426
Max	-0.439	-0.420	-0.419
UL	-0.300	-0.300	-0.300



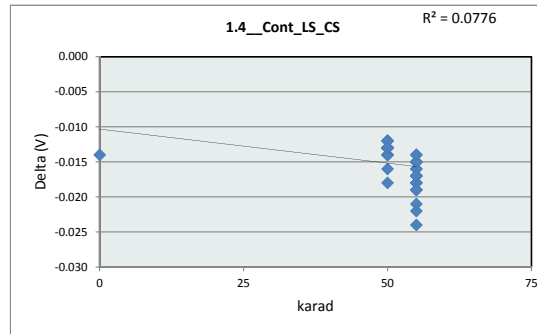
1.3_Cont_LS_DRDY				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.453	-0.436	-0.017
50	AA114B	-0.436	-0.419	-0.017
50	AA115B	-0.440	-0.420	-0.020
50	AA116B	-0.443	-0.423	-0.020
50	AA120B	-0.441	-0.421	-0.020
50	AA121B	-0.441	-0.422	-0.019
50	AA123B	-0.440	-0.422	-0.018
50	AA124B	-0.444	-0.425	-0.019
50	AA189B	-0.442	-0.425	-0.017
50	AA190B	-0.438	-0.418	-0.020
50	BB41B	-0.451	-0.431	-0.020
50	BB38B	-0.447	-0.427	-0.020
50	CC20B	-0.442	-0.425	-0.017
50	CC10B	-0.440	-0.421	-0.019
50	CC15B	-0.441	-0.422	-0.019
50	CC13B	-0.436	-0.416	-0.020
50	CC3B	-0.442	-0.424	-0.018
50	CC16B	-0.442	-0.424	-0.018
50	CC35B	-0.446	-0.426	-0.020
50	CC47B	-0.442	-0.422	-0.020
50	CC54B	-0.435	-0.412	-0.023
50	CC51B	-0.438	-0.419	-0.019
50	CC55B	-0.442	-0.424	-0.018
55	A114B	-0.436	-0.410	-0.026
55	A115B	-0.440	-0.415	-0.025
55	A116B	-0.443	-0.418	-0.025
55	A120B	-0.441	-0.416	-0.025
55	A121B	-0.441	-0.412	-0.029
55	A123B	-0.440	-0.415	-0.025
55	A124B	-0.444	-0.413	-0.031
55	A189B	-0.442	-0.420	-0.022
55	A190B	-0.438	-0.412	-0.026
55	B41B	-0.451	-0.426	-0.025
55	B38B	-0.447	-0.422	-0.025
55	C20B	-0.442	-0.419	-0.023
55	C10B	-0.440	-0.418	-0.022
55	C15B	-0.441	-0.419	-0.022
55	C13B	-0.436	-0.413	-0.023
55	C3B	-0.442	-0.420	-0.022
55	C16B	-0.442	-0.421	-0.021
55	C35B	-0.446	-0.424	-0.022
55	C47B	-0.442	-0.420	-0.022
55	C54B	-0.435	-0.415	-0.020
55	C51B	-0.438	-0.417	-0.021
55	C55B	-0.442	-0.422	-0.020
	Max	-0.435	-0.410	-0.017
	Average	-0.442	-0.420	-0.021
	Min	-0.453	-0.436	-0.031
	Std Dev	0.004	0.005	0.003



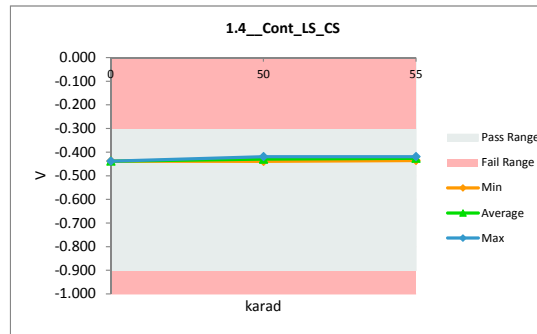
1.3_Cont_LS_DRDY			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-0.3	V	
Min Limit	-0.9	V	
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.436	-0.431	-0.426
Average	-0.436	-0.422	-0.418
Max	-0.436	-0.412	-0.410
UL	-0.300	-0.300	-0.300



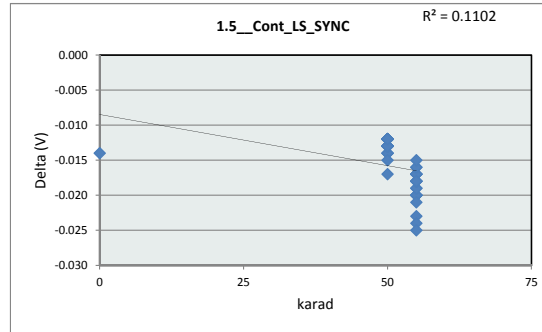
1.4_Cont_LS_CS				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.452	-0.438	-0.014
50	AA114B	-0.440	-0.428	-0.012
50	AA115B	-0.441	-0.428	-0.013
50	AA116B	-0.445	-0.432	-0.013
50	AA120B	-0.442	-0.429	-0.013
50	AA121B	-0.441	-0.429	-0.012
50	AA123B	-0.442	-0.430	-0.012
50	AA124B	-0.446	-0.434	-0.012
50	AA189B	-0.446	-0.433	-0.013
50	AA190B	-0.438	-0.425	-0.013
50	BB41B	-0.452	-0.439	-0.013
50	BB38B	-0.447	-0.433	-0.014
50	CC20B	-0.444	-0.431	-0.013
50	CC10B	-0.441	-0.427	-0.014
50	CC15B	-0.444	-0.430	-0.014
50	CC13B	-0.438	-0.425	-0.013
50	CC3B	-0.444	-0.431	-0.013
50	CC16B	-0.445	-0.432	-0.013
50	CC35B	-0.445	-0.432	-0.013
50	CC47B	-0.442	-0.429	-0.013
50	CC54B	-0.437	-0.419	-0.018
50	CC51B	-0.440	-0.424	-0.016
50	CC55B	-0.443	-0.430	-0.013
55	A114B	-0.440	-0.419	-0.021
55	A115B	-0.441	-0.423	-0.018
55	A116B	-0.445	-0.426	-0.019
55	A120B	-0.442	-0.424	-0.018
55	A121B	-0.441	-0.419	-0.022
55	A123B	-0.442	-0.424	-0.018
55	A124B	-0.446	-0.422	-0.024
55	A189B	-0.446	-0.429	-0.017
55	A190B	-0.438	-0.419	-0.019
55	B41B	-0.452	-0.435	-0.017
55	B38B	-0.447	-0.428	-0.019
55	C20B	-0.444	-0.427	-0.017
55	C10B	-0.441	-0.426	-0.015
55	C15B	-0.444	-0.428	-0.016
55	C13B	-0.438	-0.423	-0.015
55	C3B	-0.444	-0.428	-0.016
55	C16B	-0.445	-0.430	-0.015
55	C35B	-0.445	-0.430	-0.015
55	C47B	-0.442	-0.428	-0.014
55	C54B	-0.437	-0.422	-0.015
55	C51B	-0.440	-0.423	-0.017
55	C55B	-0.443	-0.429	-0.014
	Max	-0.437	-0.419	-0.012
	Average	-0.443	-0.428	-0.015
	Min	-0.452	-0.439	-0.024
	Std Dev	0.004	0.005	0.003



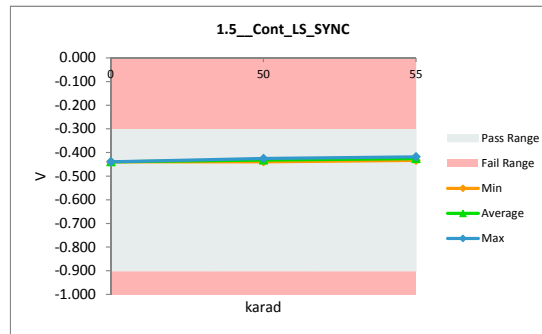
1.4_Cont_LS_CS			
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.438	-0.439	-0.435
Average	-0.438	-0.430	-0.426
Max	-0.438	-0.419	-0.419
UL	-0.300	-0.300	-0.300



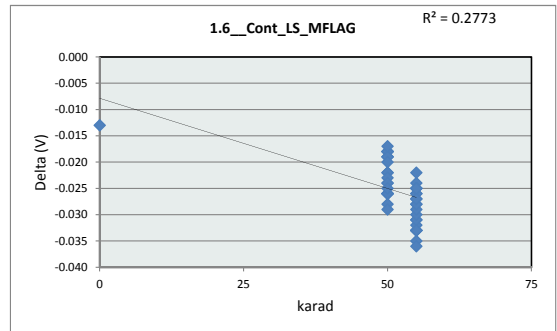
1.5_Cont_LS_SYNC				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.453	-0.439	-0.014
50	AA114B	-0.441	-0.429	-0.012
50	AA115B	-0.443	-0.430	-0.013
50	AA116B	-0.447	-0.434	-0.013
50	AA120B	-0.443	-0.430	-0.013
50	AA121B	-0.442	-0.430	-0.012
50	AA123B	-0.442	-0.430	-0.012
50	AA124B	-0.446	-0.434	-0.012
50	AA189B	-0.447	-0.435	-0.012
50	AA190B	-0.445	-0.432	-0.013
50	BB41B	-0.452	-0.439	-0.013
50	BB38B	-0.448	-0.434	-0.014
50	CC20B	-0.444	-0.432	-0.012
50	CC10B	-0.441	-0.427	-0.014
50	CC15B	-0.443	-0.429	-0.014
50	CC13B	-0.444	-0.431	-0.013
50	CC3B	-0.443	-0.431	-0.012
50	CC16B	-0.445	-0.433	-0.012
50	CC35B	-0.446	-0.433	-0.013
50	CC47B	-0.443	-0.430	-0.013
50	CC54B	-0.442	-0.425	-0.017
50	CC51B	-0.446	-0.431	-0.015
50	CC55B	-0.444	-0.432	-0.012
55	A114B	-0.441	-0.418	-0.023
55	A115B	-0.443	-0.423	-0.020
55	A116B	-0.447	-0.427	-0.020
55	A120B	-0.443	-0.423	-0.020
55	A121B	-0.442	-0.418	-0.024
55	A123B	-0.442	-0.422	-0.020
55	A124B	-0.446	-0.421	-0.025
55	A189B	-0.447	-0.429	-0.018
55	A190B	-0.445	-0.425	-0.020
55	B41B	-0.452	-0.433	-0.019
55	B38B	-0.448	-0.427	-0.021
55	C20B	-0.444	-0.425	-0.019
55	C10B	-0.441	-0.424	-0.017
55	C15B	-0.443	-0.425	-0.018
55	C13B	-0.444	-0.426	-0.018
55	C3B	-0.443	-0.426	-0.017
55	C16B	-0.445	-0.429	-0.016
55	C35B	-0.446	-0.429	-0.017
55	C47B	-0.443	-0.426	-0.017
55	C54B	-0.442	-0.426	-0.016
55	C51B	-0.446	-0.428	-0.018
55	C55B	-0.444	-0.429	-0.015
Max		-0.441	-0.418	-0.012
Average		-0.445	-0.429	-0.016
Min		-0.453	-0.439	-0.025
Std Dev		0.003	0.005	0.004



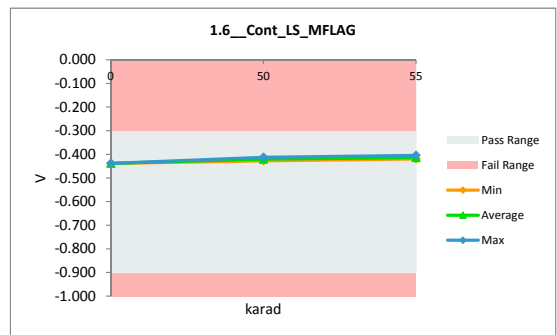
1.5_Cont_LS_SYNC			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-0.3	V	
Min Limit	-0.9	V	
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.439	-0.439	-0.433
Average	-0.439	-0.431	-0.425
Max	-0.439	-0.425	-0.418
UL	-0.300	-0.300	-0.300



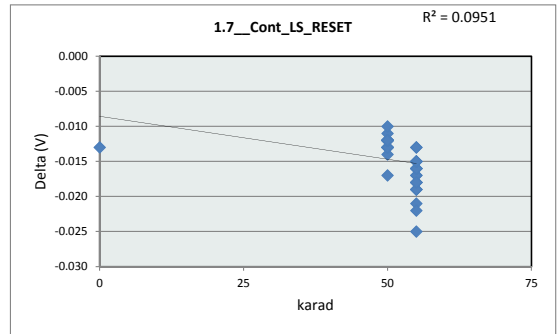
		1.6_Cont_LS_MFLAG		
Test Site		CLAB	CLAB	
Tester		EAGLE3	EAGLE3	
Test Number		EF651300	EF651300	
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-0.9	-0.9	
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.451	-0.438	-0.013
50	AA114B	-0.439	-0.417	-0.022
50	AA115B	-0.442	-0.416	-0.026
50	AA116B	-0.443	-0.417	-0.026
50	AA120B	-0.440	-0.422	-0.018
50	AA121B	-0.441	-0.417	-0.024
50	AA123B	-0.440	-0.418	-0.022
50	AA124B	-0.445	-0.427	-0.018
50	AA189B	-0.444	-0.418	-0.026
50	AA190B	-0.444	-0.421	-0.023
50	BB41B	-0.450	-0.422	-0.028
50	BB38B	-0.445	-0.426	-0.019
50	CC20B	-0.443	-0.425	-0.018
50	CC10B	-0.438	-0.419	-0.019
50	CC15B	-0.440	-0.414	-0.026
50	CC13B	-0.441	-0.417	-0.024
50	CC3B	-0.442	-0.424	-0.018
50	CC16B	-0.445	-0.419	-0.026
50	CC35B	-0.444	-0.419	-0.025
50	CC47B	-0.442	-0.423	-0.019
50	CC54B	-0.441	-0.412	-0.029
50	CC51B	-0.444	-0.424	-0.020
50	CC55B	-0.441	-0.424	-0.017
55	A114B	-0.439	-0.404	-0.035
55	A115B	-0.442	-0.409	-0.033
55	A116B	-0.443	-0.410	-0.033
55	A120B	-0.440	-0.414	-0.026
55	A121B	-0.441	-0.405	-0.036
55	A123B	-0.440	-0.409	-0.031
55	A124B	-0.445	-0.412	-0.033
55	A189B	-0.444	-0.412	-0.032
55	A190B	-0.444	-0.413	-0.031
55	B41B	-0.450	-0.417	-0.033
55	B38B	-0.445	-0.418	-0.027
55	C20B	-0.443	-0.417	-0.026
55	C10B	-0.438	-0.414	-0.024
55	C15B	-0.440	-0.410	-0.030
55	C13B	-0.441	-0.413	-0.028
55	C3B	-0.442	-0.417	-0.025
55	C16B	-0.445	-0.416	-0.029
55	C35B	-0.444	-0.416	-0.028
55	C47B	-0.442	-0.417	-0.025
55	C54B	-0.441	-0.414	-0.027
55	C51B	-0.444	-0.419	-0.025
55	C55B	-0.441	-0.419	-0.022
	Max	-0.438	-0.404	-0.013
	Average	-0.443	-0.417	-0.025
	Min	-0.451	-0.438	-0.036
	Std Dev	0.003	0.006	0.005



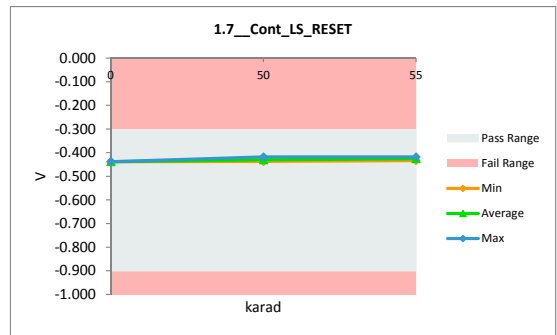
		1.6_Cont_LS_MFLAG		
Test Site		CLAB		
Tester		EAGLE3		
Test Number		EF651300		
Max Limit		-0.3	V	
Min Limit		-0.9	V	
karad	0	50	55	
LL	-0.900	-0.900	-0.900	
Min	-0.438	-0.427	-0.419	
Average	-0.438	-0.420	-0.413	
Max	-0.438	-0.412	-0.404	
UL	-0.300	-0.300	-0.300	



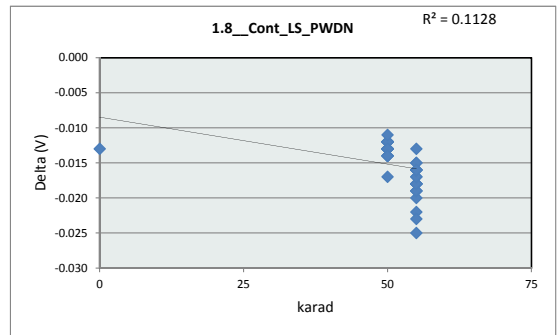
1.7_Cont_LS_RESET				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.451	-0.438	-0.013
50	AA114B	-0.439	-0.428	-0.011
50	AA115B	-0.441	-0.429	-0.012
50	AA116B	-0.444	-0.432	-0.012
50	AA120B	-0.442	-0.430	-0.012
50	AA121B	-0.441	-0.429	-0.012
50	AA123B	-0.442	-0.430	-0.012
50	AA124B	-0.445	-0.432	-0.013
50	AA189B	-0.443	-0.431	-0.012
50	AA190B	-0.440	-0.428	-0.012
50	BB41B	-0.450	-0.437	-0.013
50	BB38B	-0.446	-0.433	-0.013
50	CC20B	-0.445	-0.432	-0.013
50	CC10B	-0.442	-0.428	-0.014
50	CC15B	-0.444	-0.431	-0.013
50	CC13B	-0.439	-0.426	-0.013
50	CC3B	-0.443	-0.431	-0.012
50	CC16B	-0.444	-0.432	-0.012
50	CC35B	-0.445	-0.433	-0.012
50	CC47B	-0.442	-0.430	-0.012
50	CC54B	-0.435	-0.418	-0.017
50	CC51B	-0.438	-0.426	-0.012
50	CC55B	-0.442	-0.432	-0.010
55	A114B	-0.439	-0.418	-0.021
55	A115B	-0.441	-0.423	-0.018
55	A116B	-0.444	-0.426	-0.018
55	A120B	-0.442	-0.424	-0.018
55	A121B	-0.441	-0.419	-0.022
55	A123B	-0.442	-0.423	-0.019
55	A124B	-0.445	-0.420	-0.025
55	A189B	-0.443	-0.426	-0.017
55	A190B	-0.440	-0.421	-0.019
55	B41B	-0.450	-0.433	-0.017
55	B38B	-0.446	-0.427	-0.019
55	C20B	-0.445	-0.427	-0.018
55	C10B	-0.442	-0.426	-0.016
55	C15B	-0.444	-0.428	-0.016
55	C13B	-0.439	-0.423	-0.016
55	C3B	-0.443	-0.427	-0.016
55	C16B	-0.444	-0.429	-0.015
55	C35B	-0.445	-0.430	-0.015
55	C47B	-0.442	-0.427	-0.015
55	C54B	-0.435	-0.420	-0.015
55	C51B	-0.438	-0.425	-0.013
55	C55B	-0.442	-0.429	-0.013
Max		-0.435	-0.418	-0.010
Average		-0.443	-0.428	-0.015
Min		-0.451	-0.438	-0.025
Std Dev		0.003	0.005	0.003



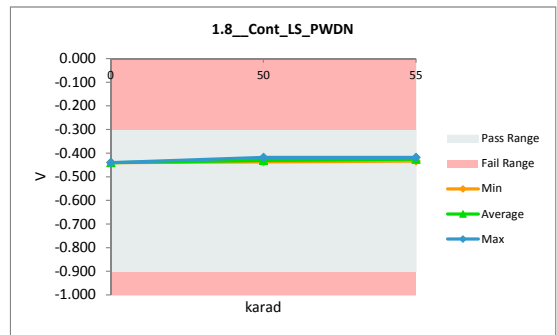
1.7_Cont_LS_RESET			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-0.3	V	
Min Limit	-0.9	V	
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.438	-0.437	-0.433
Average	-0.438	-0.430	-0.425
Max	-0.438	-0.418	-0.418
UL	-0.300	-0.300	-0.300



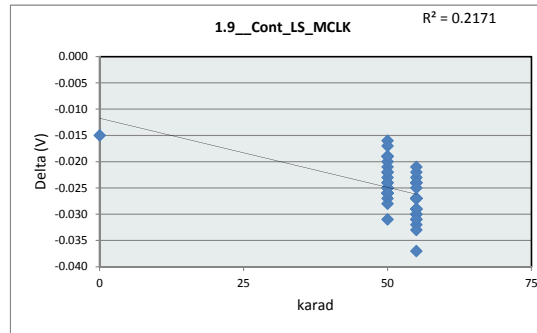
1.8_Cont_LS_PWDN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.453	-0.440	-0.013
50	AA114B	-0.440	-0.428	-0.012
50	AA115B	-0.441	-0.429	-0.012
50	AA116B	-0.444	-0.432	-0.012
50	AA120B	-0.444	-0.431	-0.013
50	AA121B	-0.443	-0.431	-0.012
50	AA123B	-0.442	-0.430	-0.012
50	AA124B	-0.445	-0.433	-0.012
50	AA189B	-0.444	-0.431	-0.013
50	AA190B	-0.440	-0.428	-0.012
50	BB41B	-0.451	-0.437	-0.014
50	BB38B	-0.447	-0.434	-0.013
50	CC20B	-0.444	-0.431	-0.013
50	CC10B	-0.443	-0.429	-0.014
50	CC15B	-0.444	-0.430	-0.014
50	CC13B	-0.441	-0.428	-0.013
50	CC3B	-0.444	-0.431	-0.013
50	CC16B	-0.444	-0.431	-0.013
50	CC35B	-0.448	-0.436	-0.012
50	CC47B	-0.444	-0.431	-0.013
50	CC54B	-0.435	-0.418	-0.017
50	CC51B	-0.441	-0.427	-0.014
50	CC55B	-0.442	-0.431	-0.011
55	A114B	-0.440	-0.418	-0.022
55	A115B	-0.441	-0.423	-0.018
55	A116B	-0.444	-0.425	-0.019
55	A120B	-0.444	-0.425	-0.019
55	A121B	-0.443	-0.420	-0.023
55	A123B	-0.442	-0.422	-0.020
55	A124B	-0.445	-0.420	-0.025
55	A189B	-0.444	-0.426	-0.018
55	A190B	-0.440	-0.422	-0.018
55	B41B	-0.451	-0.433	-0.018
55	B38B	-0.447	-0.428	-0.019
55	C20B	-0.444	-0.426	-0.018
55	C10B	-0.443	-0.427	-0.016
55	C15B	-0.444	-0.427	-0.017
55	C13B	-0.441	-0.425	-0.016
55	C3B	-0.444	-0.427	-0.017
55	C16B	-0.444	-0.428	-0.016
55	C35B	-0.448	-0.432	-0.016
55	C47B	-0.444	-0.429	-0.015
55	C54B	-0.435	-0.420	-0.015
55	C51B	-0.441	-0.425	-0.016
55	C55B	-0.442	-0.429	-0.013
	Max	-0.435	-0.418	-0.011
	Average	-0.443	-0.428	-0.015
	Min	-0.453	-0.440	-0.025
	Std Dev	0.003	0.005	0.003



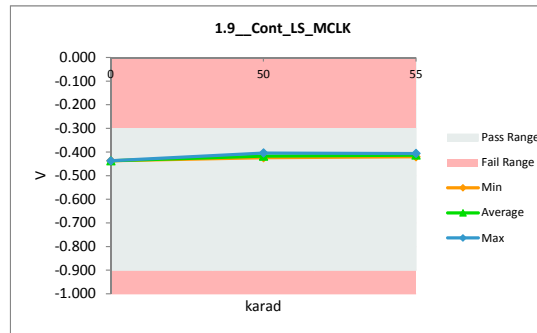
1.8_Cont_LS_PWDN			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-0.3	V	
Min Limit	-0.9	V	
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.440	-0.437	-0.433
Average	-0.440	-0.430	-0.425
Max	-0.440	-0.418	-0.418
UL	-0.300	-0.300	-0.300



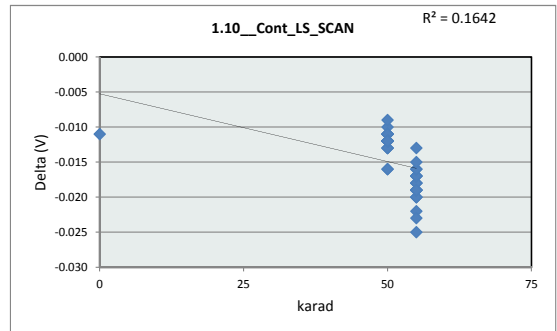
1.9_Cont_LS_MCLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.452	-0.437	-0.015
50	AA114B	-0.438	-0.417	-0.021
50	AA115B	-0.440	-0.414	-0.026
50	AA116B	-0.444	-0.419	-0.025
50	AA120B	-0.439	-0.415	-0.024
50	AA121B	-0.439	-0.416	-0.023
50	AA123B	-0.438	-0.422	-0.016
50	AA124B	-0.443	-0.418	-0.025
50	AA189B	-0.441	-0.419	-0.022
50	AA190B	-0.435	-0.418	-0.017
50	BB41B	-0.449	-0.423	-0.026
50	BB38B	-0.442	-0.416	-0.026
50	CC20B	-0.440	-0.418	-0.022
50	CC10B	-0.440	-0.420	-0.020
50	CC15B	-0.441	-0.414	-0.027
50	CC13B	-0.437	-0.418	-0.019
50	CC3B	-0.443	-0.424	-0.019
50	CC16B	-0.442	-0.414	-0.028
50	CC35B	-0.443	-0.418	-0.025
50	CC47B	-0.441	-0.422	-0.019
50	CC54B	-0.435	-0.404	-0.031
50	CC51B	-0.437	-0.411	-0.026
50	CC55B	-0.441	-0.417	-0.024
55	A114B	-0.438	-0.406	-0.032
55	A115B	-0.440	-0.410	-0.030
55	A116B	-0.444	-0.413	-0.031
55	A120B	-0.439	-0.410	-0.029
55	A121B	-0.439	-0.406	-0.033
55	A123B	-0.438	-0.414	-0.024
55	A124B	-0.443	-0.406	-0.037
55	A189B	-0.441	-0.414	-0.027
55	A190B	-0.435	-0.411	-0.024
55	B41B	-0.449	-0.419	-0.030
55	B38B	-0.442	-0.411	-0.031
55	C20B	-0.440	-0.413	-0.027
55	C10B	-0.440	-0.417	-0.023
55	C15B	-0.441	-0.412	-0.029
55	C13B	-0.437	-0.415	-0.022
55	C3B	-0.443	-0.419	-0.024
55	C16B	-0.442	-0.413	-0.029
55	C35B	-0.443	-0.416	-0.027
55	C47B	-0.441	-0.420	-0.021
55	C54B	-0.435	-0.408	-0.027
55	C51B	-0.437	-0.410	-0.027
55	C55B	-0.441	-0.416	-0.025
	Max	-0.435	-0.404	-0.015
	Average	-0.441	-0.415	-0.025
	Min	-0.452	-0.437	-0.037
	Std Dev	0.004	0.006	0.005



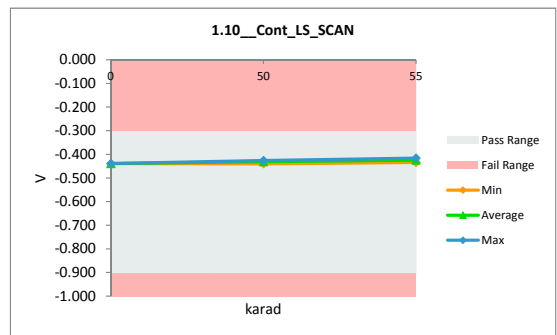
1.9_Cont_LS_MCLK			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-0.3	V	
Min Limit	-0.9	V	
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.437	-0.424	-0.420
Average	-0.437	-0.417	-0.413
Max	-0.437	-0.404	-0.406
UL	-0.300	-0.300	-0.300



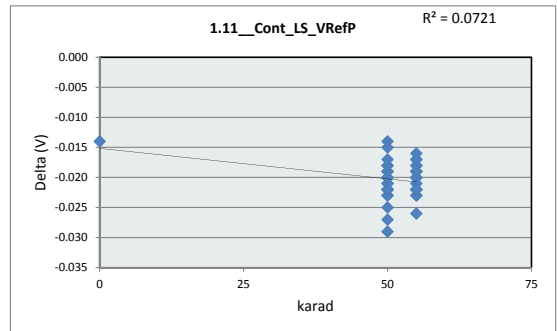
1.10_Cont_LS_SCAN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.450	-0.439	-0.011
50	AA114B	-0.440	-0.430	-0.010
50	AA115B	-0.441	-0.429	-0.012
50	AA116B	-0.444	-0.432	-0.012
50	AA120B	-0.440	-0.428	-0.012
50	AA121B	-0.439	-0.428	-0.011
50	AA123B	-0.442	-0.431	-0.011
50	AA124B	-0.444	-0.433	-0.011
50	AA189B	-0.444	-0.432	-0.012
50	AA190B	-0.442	-0.430	-0.012
50	BB41B	-0.453	-0.440	-0.013
50	BB38B	-0.445	-0.433	-0.012
50	CC20B	-0.443	-0.432	-0.011
50	CC10B	-0.439	-0.426	-0.013
50	CC15B	-0.442	-0.429	-0.013
50	CC13B	-0.442	-0.430	-0.012
50	CC3B	-0.442	-0.431	-0.011
50	CC16B	-0.444	-0.432	-0.012
50	CC35B	-0.444	-0.432	-0.012
50	CC47B	-0.443	-0.431	-0.012
50	CC54B	-0.443	-0.427	-0.016
50	CC51B	-0.446	-0.430	-0.016
50	CC55B	-0.441	-0.432	-0.009
55	A114B	-0.440	-0.418	-0.022
55	A115B	-0.441	-0.422	-0.019
55	A116B	-0.444	-0.424	-0.020
55	A120B	-0.440	-0.421	-0.019
55	A121B	-0.439	-0.416	-0.023
55	A123B	-0.442	-0.422	-0.020
55	A124B	-0.444	-0.419	-0.025
55	A189B	-0.444	-0.426	-0.018
55	A190B	-0.442	-0.422	-0.020
55	B41B	-0.453	-0.434	-0.019
55	B38B	-0.445	-0.426	-0.019
55	C20B	-0.443	-0.425	-0.018
55	C10B	-0.439	-0.422	-0.017
55	C15B	-0.442	-0.424	-0.018
55	C13B	-0.442	-0.425	-0.017
55	C3B	-0.442	-0.425	-0.017
55	C16B	-0.444	-0.427	-0.017
55	C35B	-0.444	-0.428	-0.016
55	C47B	-0.443	-0.427	-0.016
55	C54B	-0.443	-0.428	-0.015
55	C51B	-0.446	-0.427	-0.019
55	C55B	-0.441	-0.428	-0.013
Max		-0.439	-0.416	-0.009
Average		-0.443	-0.428	-0.015
Min		-0.453	-0.440	-0.025
Std Dev		0.003	0.005	0.004



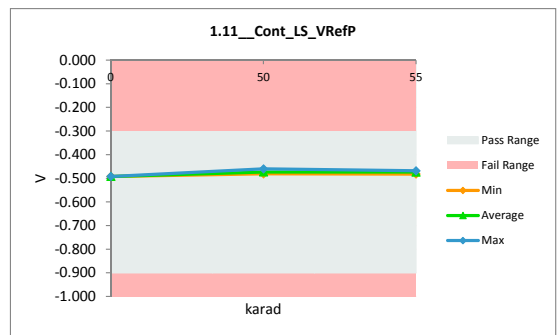
1.10_Cont_LS_SCAN			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-0.3	V	
Min Limit	-0.9	V	
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.439	-0.440	-0.434
Average	-0.439	-0.431	-0.424
Max	-0.439	-0.426	-0.416
UL	-0.300	-0.300	-0.300



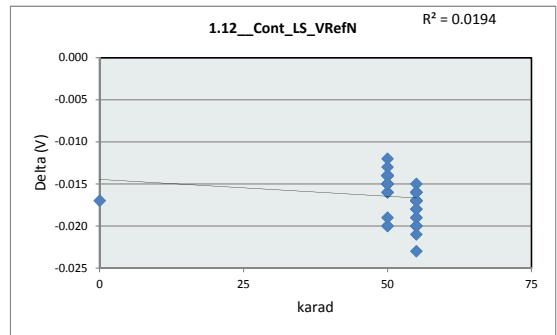
1.11_Cont_LS_VRefP				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.506	-0.492	-0.014
50	AA114B	-0.495	-0.481	-0.014
50	AA115B	-0.497	-0.478	-0.019
50	AA116B	-0.498	-0.478	-0.020
50	AA120B	-0.493	-0.472	-0.021
50	AA121B	-0.497	-0.478	-0.019
50	AA123B	-0.494	-0.472	-0.022
50	AA124B	-0.496	-0.477	-0.019
50	AA189B	-0.499	-0.477	-0.022
50	AA190B	-0.496	-0.475	-0.021
50	BB41B	-0.502	-0.480	-0.022
50	BB38B	-0.493	-0.473	-0.020
50	CC20B	-0.491	-0.468	-0.023
50	CC10B	-0.491	-0.466	-0.025
50	CC15B	-0.492	-0.474	-0.018
50	CC13B	-0.491	-0.473	-0.018
50	CC3B	-0.491	-0.476	-0.015
50	CC16B	-0.491	-0.468	-0.023
50	CC35B	-0.492	-0.470	-0.022
50	CC47B	-0.493	-0.476	-0.017
50	CC54B	-0.489	-0.460	-0.029
50	CC51B	-0.491	-0.469	-0.022
50	CC55B	-0.490	-0.463	-0.027
55	A114B	-0.495	-0.473	-0.022
55	A115B	-0.497	-0.478	-0.019
55	A116B	-0.498	-0.478	-0.020
55	A120B	-0.493	-0.474	-0.019
55	A121B	-0.497	-0.474	-0.023
55	A123B	-0.494	-0.471	-0.023
55	A124B	-0.496	-0.470	-0.026
55	A189B	-0.499	-0.478	-0.021
55	A190B	-0.496	-0.474	-0.022
55	B41B	-0.502	-0.482	-0.020
55	B38B	-0.493	-0.473	-0.020
55	C20B	-0.491	-0.469	-0.022
55	C10B	-0.491	-0.469	-0.022
55	C15B	-0.492	-0.474	-0.018
55	C13B	-0.491	-0.473	-0.018
55	C3B	-0.491	-0.474	-0.017
55	C16B	-0.491	-0.471	-0.020
55	C35B	-0.492	-0.476	-0.016
55	C47B	-0.493	-0.476	-0.017
55	C54B	-0.489	-0.470	-0.019
55	C51B	-0.491	-0.472	-0.019
55	C55B	-0.490	-0.468	-0.022
	Max	-0.489	-0.460	-0.014
	Average	-0.494	-0.474	-0.020
	Min	-0.506	-0.492	-0.029
	Std Dev	0.004	0.005	0.003



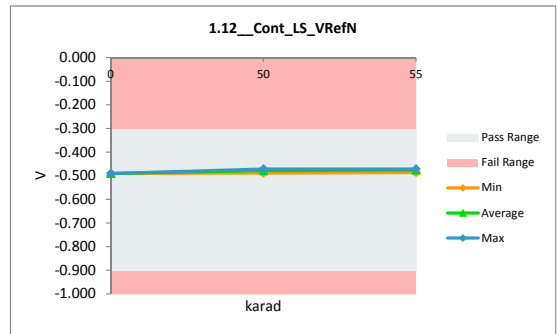
1.11_Cont_LS_VRefP			
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.492	-0.481	-0.482
Average	-0.492	-0.473	-0.474
Max	-0.492	-0.460	-0.468
UL	-0.300	-0.300	-0.300



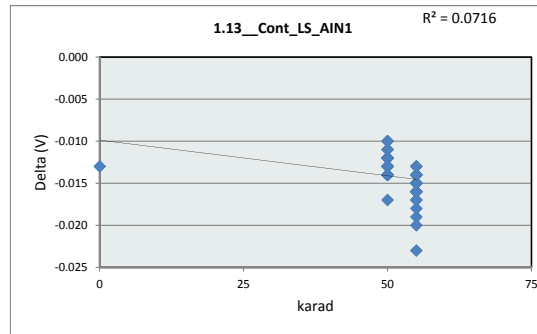
1.12_Cont_LS_VRefN				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.507	-0.490	-0.017
50	AA114B	-0.495	-0.483	-0.012
50	AA115B	-0.496	-0.481	-0.015
50	AA116B	-0.495	-0.480	-0.015
50	AA120B	-0.492	-0.478	-0.014
50	AA121B	-0.496	-0.482	-0.014
50	AA123B	-0.493	-0.479	-0.014
50	AA124B	-0.494	-0.480	-0.014
50	AA189B	-0.498	-0.484	-0.014
50	AA190B	-0.497	-0.482	-0.015
50	BB41B	-0.503	-0.488	-0.015
50	BB38B	-0.495	-0.481	-0.014
50	CC20B	-0.490	-0.475	-0.015
50	CC10B	-0.491	-0.475	-0.016
50	CC15B	-0.490	-0.474	-0.016
50	CC13B	-0.489	-0.475	-0.014
50	CC3B	-0.491	-0.478	-0.013
50	CC16B	-0.491	-0.476	-0.015
50	CC35B	-0.491	-0.476	-0.015
50	CC47B	-0.490	-0.475	-0.015
50	CC54B	-0.491	-0.471	-0.020
50	CC51B	-0.492	-0.472	-0.020
50	CC55B	-0.492	-0.473	-0.019
55	A114B	-0.495	-0.475	-0.020
55	A115B	-0.496	-0.479	-0.017
55	A116B	-0.495	-0.477	-0.018
55	A120B	-0.492	-0.475	-0.017
55	A121B	-0.496	-0.475	-0.021
55	A123B	-0.493	-0.474	-0.019
55	A124B	-0.494	-0.471	-0.023
55	A189B	-0.498	-0.481	-0.017
55	A190B	-0.497	-0.478	-0.019
55	B41B	-0.503	-0.486	-0.017
55	B38B	-0.495	-0.478	-0.017
55	C20B	-0.490	-0.472	-0.018
55	C10B	-0.491	-0.474	-0.017
55	C15B	-0.490	-0.473	-0.017
55	C13B	-0.489	-0.473	-0.016
55	C3B	-0.491	-0.475	-0.016
55	C16B	-0.491	-0.475	-0.016
55	C35B	-0.491	-0.476	-0.015
55	C47B	-0.490	-0.474	-0.016
55	C54B	-0.491	-0.475	-0.016
55	C51B	-0.492	-0.472	-0.020
55	C55B	-0.492	-0.472	-0.020
Max		-0.489	-0.471	-0.012
Average		-0.494	-0.477	-0.017
Min		-0.507	-0.490	-0.023
Std Dev		0.004	0.004	0.002



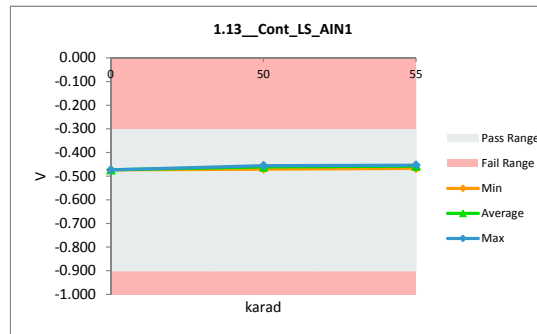
1.12_Cont_LS_VRefN			
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.490	-0.488	-0.486
Average	-0.490	-0.478	-0.475
Max	-0.490	-0.471	-0.471
UL	-0.300	-0.300	-0.300



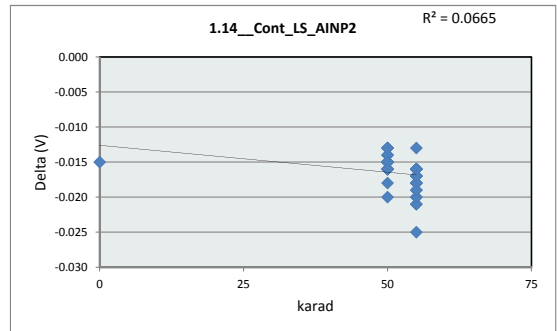
1.13_Cont_LS_AIN1				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.486	-0.473	-0.013
50	AA114B	-0.473	-0.463	-0.010
50	AA115B	-0.470	-0.457	-0.013
50	AA116B	-0.475	-0.464	-0.011
50	AA120B	-0.474	-0.462	-0.012
50	AA121B	-0.474	-0.464	-0.010
50	AA123B	-0.471	-0.457	-0.014
50	AA124B	-0.477	-0.465	-0.012
50	AA189B	-0.475	-0.463	-0.012
50	AA190B	-0.476	-0.463	-0.013
50	BB41B	-0.482	-0.470	-0.012
50	BB38B	-0.473	-0.461	-0.012
50	CC20B	-0.472	-0.460	-0.012
50	CC10B	-0.469	-0.455	-0.014
50	CC15B	-0.471	-0.457	-0.014
50	CC13B	-0.472	-0.458	-0.014
50	CC3B	-0.471	-0.460	-0.011
50	CC16B	-0.473	-0.461	-0.012
50	CC35B	-0.475	-0.463	-0.012
50	CC47B	-0.473	-0.460	-0.013
50	CC54B	-0.472	-0.455	-0.017
50	CC51B	-0.474	-0.461	-0.013
50	CC55B	-0.471	-0.458	-0.013
55	A114B	-0.473	-0.454	-0.019
55	A115B	-0.470	-0.454	-0.016
55	A116B	-0.475	-0.459	-0.016
55	A120B	-0.474	-0.458	-0.016
55	A121B	-0.474	-0.454	-0.020
55	A123B	-0.471	-0.453	-0.018
55	A124B	-0.477	-0.454	-0.023
55	A189B	-0.475	-0.459	-0.016
55	A190B	-0.476	-0.459	-0.017
55	B41B	-0.482	-0.467	-0.015
55	B38B	-0.473	-0.456	-0.017
55	C20B	-0.472	-0.456	-0.016
55	C10B	-0.469	-0.454	-0.015
55	C15B	-0.471	-0.456	-0.015
55	C13B	-0.472	-0.457	-0.015
55	C3B	-0.471	-0.456	-0.015
55	C16B	-0.473	-0.459	-0.014
55	C35B	-0.475	-0.462	-0.013
55	C47B	-0.473	-0.459	-0.014
55	C54B	-0.472	-0.459	-0.013
55	C51B	-0.474	-0.460	-0.014
55	C55B	-0.471	-0.457	-0.014
Max		-0.469	-0.453	-0.010
Average		-0.474	-0.459	-0.014
Min		-0.486	-0.473	-0.023
Std Dev		0.003	0.004	0.003



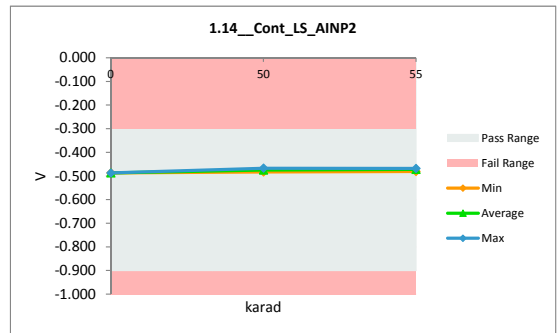
1.13_Cont_LS_AIN1			
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.473	-0.470	-0.467
Average	-0.473	-0.461	-0.457
Max	-0.473	-0.455	-0.453
UL	-0.300	-0.300	-0.300



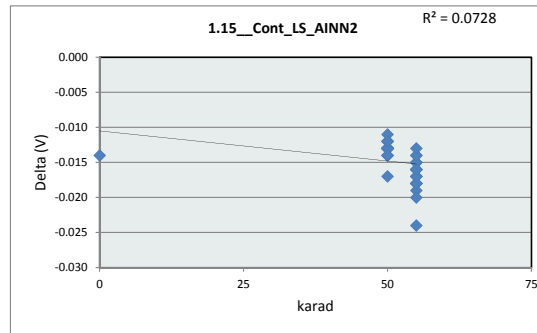
1.14_Cont_LS_AINP2				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.502	-0.487	-0.015
50	AA114B	-0.491	-0.478	-0.013
50	AA115B	-0.486	-0.472	-0.014
50	AA116B	-0.492	-0.477	-0.015
50	AA120B	-0.491	-0.475	-0.016
50	AA121B	-0.490	-0.477	-0.013
50	AA123B	-0.489	-0.473	-0.016
50	AA124B	-0.494	-0.479	-0.015
50	AA189B	-0.492	-0.477	-0.015
50	AA190B	-0.493	-0.478	-0.015
50	BB41B	-0.499	-0.483	-0.016
50	BB38B	-0.492	-0.477	-0.015
50	CC20B	-0.488	-0.474	-0.014
50	CC10B	-0.486	-0.468	-0.018
50	CC15B	-0.487	-0.472	-0.015
50	CC13B	-0.489	-0.473	-0.016
50	CC3B	-0.488	-0.473	-0.015
50	CC16B	-0.490	-0.475	-0.015
50	CC35B	-0.490	-0.475	-0.015
50	CC47B	-0.489	-0.474	-0.015
50	CC54B	-0.487	-0.467	-0.020
50	CC51B	-0.491	-0.475	-0.016
50	CC55B	-0.486	-0.473	-0.013
55	A114B	-0.491	-0.470	-0.021
55	A115B	-0.486	-0.468	-0.018
55	A116B	-0.492	-0.473	-0.019
55	A120B	-0.491	-0.473	-0.018
55	A121B	-0.490	-0.469	-0.021
55	A123B	-0.489	-0.469	-0.020
55	A124B	-0.494	-0.469	-0.025
55	A189B	-0.492	-0.474	-0.018
55	A190B	-0.493	-0.473	-0.020
55	B41B	-0.499	-0.481	-0.018
55	B38B	-0.492	-0.473	-0.019
55	C20B	-0.488	-0.471	-0.017
55	C10B	-0.486	-0.469	-0.017
55	C15B	-0.487	-0.471	-0.016
55	C13B	-0.489	-0.472	-0.017
55	C3B	-0.488	-0.472	-0.016
55	C16B	-0.490	-0.474	-0.016
55	C35B	-0.490	-0.474	-0.016
55	C47B	-0.489	-0.473	-0.016
55	C54B	-0.487	-0.471	-0.016
55	C51B	-0.491	-0.474	-0.017
55	C55B	-0.486	-0.473	-0.013
	Max	-0.486	-0.467	-0.013
	Average	-0.490	-0.474	-0.017
	Min	-0.502	-0.487	-0.025
	Std Dev	0.003	0.004	0.002



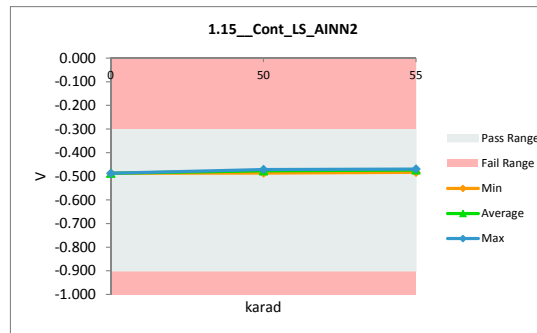
1.14_Cont_LS_AINP2			
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.487	-0.483	-0.481
Average	-0.487	-0.475	-0.472
Max	-0.487	-0.467	-0.468
UL	-0.300	-0.300	-0.300



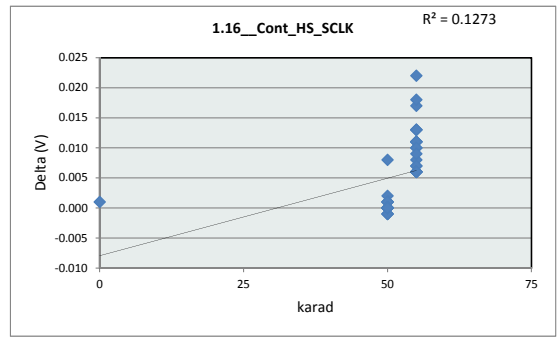
1.15_Cont_LS_AINN2				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.501	-0.487	-0.014
50	AA114B	-0.488	-0.477	-0.011
50	AA115B	-0.488	-0.475	-0.013
50	AA116B	-0.492	-0.479	-0.013
50	AA120B	-0.492	-0.479	-0.013
50	AA121B	-0.490	-0.478	-0.012
50	AA123B	-0.488	-0.476	-0.012
50	AA124B	-0.494	-0.481	-0.013
50	AA189B	-0.491	-0.478	-0.013
50	AA190B	-0.493	-0.481	-0.012
50	BB41B	-0.499	-0.486	-0.013
50	BB38B	-0.491	-0.478	-0.013
50	CC20B	-0.489	-0.476	-0.013
50	CC10B	-0.488	-0.474	-0.014
50	CC15B	-0.487	-0.473	-0.014
50	CC13B	-0.488	-0.475	-0.013
50	CC3B	-0.487	-0.474	-0.013
50	CC16B	-0.490	-0.477	-0.013
50	CC35B	-0.490	-0.477	-0.013
50	CC47B	-0.488	-0.475	-0.013
50	CC54B	-0.488	-0.471	-0.017
50	CC51B	-0.491	-0.477	-0.014
50	CC55B	-0.486	-0.474	-0.012
55	A114B	-0.488	-0.469	-0.019
55	A115B	-0.488	-0.470	-0.018
55	A116B	-0.492	-0.474	-0.018
55	A120B	-0.492	-0.474	-0.018
55	A121B	-0.490	-0.470	-0.020
55	A123B	-0.488	-0.470	-0.018
55	A124B	-0.494	-0.470	-0.024
55	A189B	-0.491	-0.474	-0.017
55	A190B	-0.493	-0.476	-0.017
55	B41B	-0.499	-0.483	-0.016
55	B38B	-0.491	-0.473	-0.018
55	C20B	-0.489	-0.472	-0.017
55	C10B	-0.488	-0.472	-0.016
55	C15B	-0.487	-0.471	-0.016
55	C13B	-0.488	-0.473	-0.015
55	C3B	-0.487	-0.471	-0.016
55	C16B	-0.490	-0.476	-0.014
55	C35B	-0.490	-0.475	-0.015
55	C47B	-0.488	-0.473	-0.015
55	C54B	-0.488	-0.474	-0.014
55	C51B	-0.491	-0.475	-0.016
55	C55B	-0.486	-0.473	-0.013
	Max	-0.486	-0.469	-0.011
	Average	-0.490	-0.475	-0.015
	Min	-0.501	-0.487	-0.024
	Std Dev	0.003	0.004	0.003



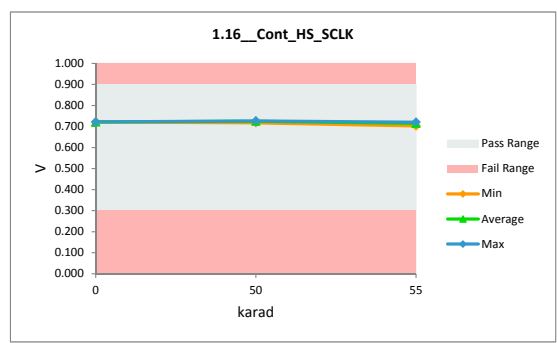
1.15_Cont_LS_AINN2			
karad	0	50	55
LL	-0.900	-0.900	-0.900
Min	-0.487	-0.486	-0.483
Average	-0.487	-0.477	-0.473
Max	-0.487	-0.471	-0.469
UL	-0.300	-0.300	-0.300



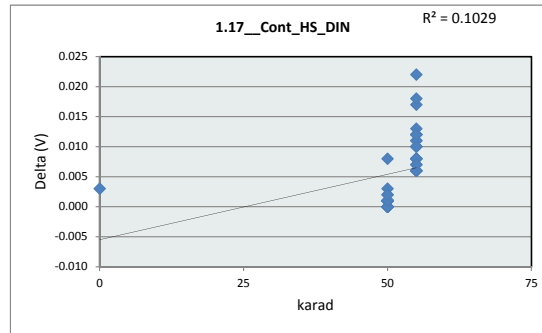
1.16_Cont_HS_SCLK				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.723	0.722	0.001
50	AA114B	0.726	0.726	0.000
50	AA115B	0.725	0.725	0.000
50	AA116B	0.725	0.725	0.000
50	AA120B	0.726	0.726	0.000
50	AA121B	0.725	0.726	-0.001
50	AA123B	0.726	0.727	-0.001
50	AA124B	0.725	0.725	0.000
50	AA189B	0.726	0.726	0.000
50	AA190B	0.726	0.726	0.000
50	BB41B	0.726	0.726	0.000
50	BB38B	0.726	0.725	0.001
50	CC20B	0.725	0.726	-0.001
50	CC10B	0.727	0.725	0.002
50	CC15B	0.726	0.725	0.001
50	CC13B	0.727	0.726	0.001
50	CC3B	0.727	0.726	0.001
50	CC16B	0.726	0.726	0.000
50	CC35B	0.726	0.726	0.000
50	CC47B	0.726	0.726	0.000
50	CC54B	0.726	0.718	0.008
50	CC51B	0.726	0.726	0.000
50	CC55B	0.727	0.727	0.000
55	A114B	0.726	0.709	0.017
55	A115B	0.725	0.714	0.011
55	A116B	0.725	0.712	0.013
55	A120B	0.726	0.715	0.011
55	A121B	0.725	0.707	0.018
55	A123B	0.726	0.713	0.013
55	A124B	0.725	0.703	0.022
55	A189B	0.726	0.715	0.011
55	A190B	0.726	0.713	0.013
55	B41B	0.726	0.716	0.010
55	B38B	0.726	0.715	0.011
55	C20B	0.725	0.715	0.010
55	C10B	0.727	0.720	0.007
55	C15B	0.726	0.718	0.008
55	C13B	0.727	0.720	0.007
55	C3B	0.727	0.718	0.009
55	C16B	0.726	0.720	0.006
55	C35B	0.726	0.720	0.006
55	C47B	0.726	0.720	0.006
55	C54B	0.726	0.720	0.006
55	C51B	0.726	0.720	0.006
55	C55B	0.727	0.721	0.006
Max		0.727	0.727	0.022
Average		0.726	0.721	0.005
Min		0.723	0.703	-0.001
Std Dev		0.001	0.006	0.006



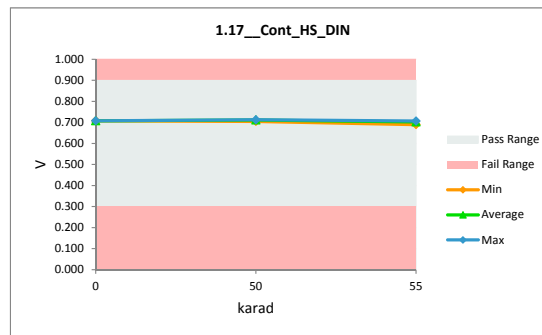
1.16_Cont_HS_SCLK			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.722	0.718	0.703
Average	0.722	0.725	0.716
Max	0.722	0.727	0.721
UL	0.900	0.900	0.900



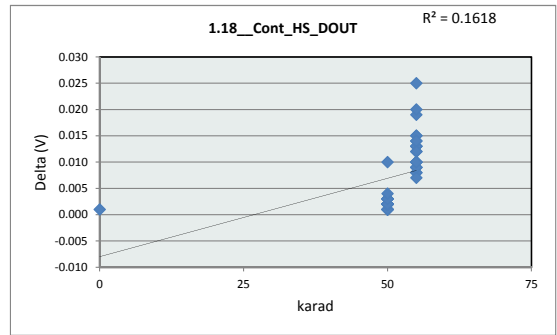
1.17_Cont_HS_DIN				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.711	0.708	0.003
50	AA114B	0.714	0.713	0.001
50	AA115B	0.713	0.712	0.001
50	AA116B	0.712	0.712	0.000
50	AA120B	0.713	0.712	0.001
50	AA121B	0.713	0.713	0.000
50	AA123B	0.714	0.713	0.001
50	AA124B	0.712	0.712	0.000
50	AA189B	0.713	0.713	0.000
50	AA190B	0.713	0.713	0.000
50	BB41B	0.714	0.713	0.001
50	BB38B	0.713	0.712	0.001
50	CC20B	0.712	0.712	0.000
50	CC10B	0.714	0.711	0.003
50	CC15B	0.713	0.711	0.002
50	CC13B	0.713	0.712	0.001
50	CC3B	0.714	0.713	0.001
50	CC16B	0.713	0.712	0.001
50	CC35B	0.713	0.712	0.001
50	CC47B	0.712	0.712	0.000
50	CC54B	0.713	0.705	0.008
50	CC51B	0.712	0.711	0.001
50	CC55B	0.714	0.712	0.002
55	A114B	0.714	0.697	0.017
55	A115B	0.713	0.702	0.011
55	A116B	0.712	0.700	0.012
55	A120B	0.713	0.702	0.011
55	A121B	0.713	0.695	0.018
55	A123B	0.714	0.701	0.013
55	A124B	0.712	0.690	0.022
55	A189B	0.713	0.703	0.010
55	A190B	0.713	0.701	0.012
55	B41B	0.714	0.704	0.010
55	B38B	0.713	0.701	0.012
55	C20B	0.712	0.702	0.010
55	C10B	0.714	0.706	0.008
55	C15B	0.713	0.705	0.008
55	C13B	0.713	0.705	0.008
55	C3B	0.714	0.706	0.008
55	C16B	0.713	0.706	0.007
55	C35B	0.713	0.707	0.006
55	C47B	0.712	0.706	0.006
55	C54B	0.713	0.707	0.006
55	C51B	0.712	0.706	0.006
55	C55B	0.714	0.707	0.007
Max		0.714	0.713	0.022
Average		0.713	0.707	0.006
Min		0.711	0.690	0.000
Std Dev		0.001	0.006	0.006



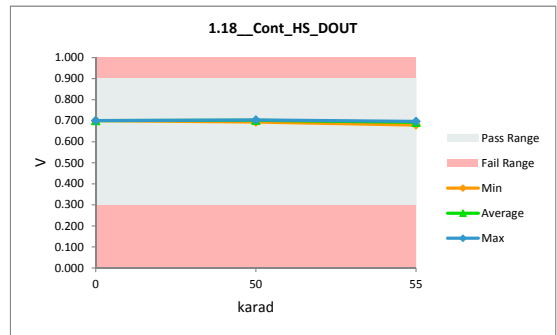
1.17_Cont_HS_DIN			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.708	0.705	0.690
Average	0.708	0.712	0.703
Max	0.708	0.713	0.707
UL	0.900	0.900	0.900



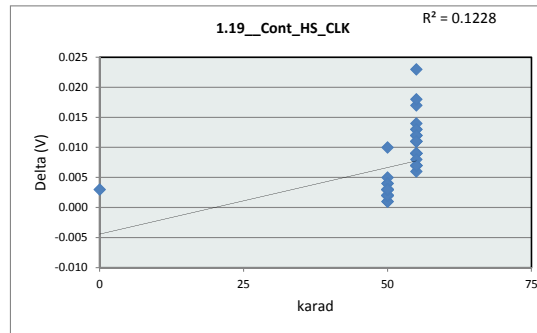
1.18_Cont_HS_DOUT				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.702	0.701	0.001
50	AA114B	0.705	0.703	0.002
50	AA115B	0.705	0.703	0.002
50	AA116B	0.705	0.703	0.002
50	AA120B	0.705	0.703	0.002
50	AA121B	0.705	0.704	0.001
50	AA123B	0.705	0.704	0.001
50	AA124B	0.705	0.703	0.002
50	AA189B	0.705	0.704	0.001
50	AA190B	0.704	0.703	0.001
50	BB41B	0.706	0.703	0.003
50	BB38B	0.705	0.703	0.002
50	CC20B	0.703	0.702	0.001
50	CC10B	0.705	0.702	0.003
50	CC15B	0.705	0.702	0.003
50	CC13B	0.705	0.702	0.003
50	CC3B	0.706	0.704	0.002
50	CC16B	0.705	0.703	0.002
50	CC35B	0.705	0.703	0.002
50	CC47B	0.704	0.702	0.002
50	CC54B	0.704	0.694	0.010
50	CC51B	0.704	0.701	0.003
50	CC55B	0.706	0.702	0.004
55	A114B	0.705	0.686	0.019
55	A115B	0.705	0.692	0.013
55	A116B	0.705	0.690	0.015
55	A120B	0.705	0.692	0.013
55	A121B	0.705	0.685	0.020
55	A123B	0.705	0.690	0.015
55	A124B	0.705	0.680	0.025
55	A189B	0.705	0.692	0.013
55	A190B	0.704	0.690	0.014
55	B41B	0.706	0.694	0.012
55	B38B	0.705	0.691	0.014
55	C20B	0.703	0.691	0.012
55	C10B	0.705	0.696	0.009
55	C15B	0.705	0.695	0.010
55	C13B	0.705	0.695	0.010
55	C3B	0.706	0.696	0.010
55	C16B	0.705	0.696	0.009
55	C35B	0.705	0.697	0.008
55	C47B	0.704	0.696	0.008
55	C54B	0.704	0.697	0.007
55	C51B	0.704	0.695	0.009
55	C55B	0.706	0.696	0.010
	Max	0.706	0.704	0.025
	Average	0.705	0.697	0.007
	Min	0.702	0.680	0.001
	Std Dev	0.001	0.006	0.006



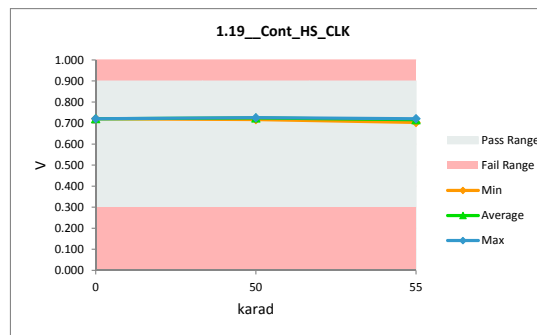
1.18_Cont_HS_DOUT			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.701	0.694	0.680
Average	0.701	0.702	0.692
Max	0.701	0.704	0.697
UL	0.900	0.900	0.900



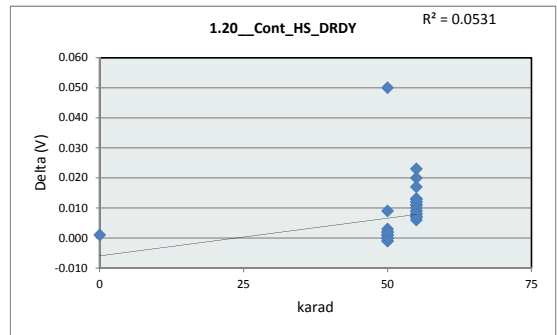
1.19_Cont_HS_CLK				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.724	0.721	0.003
50	AA114B	0.727	0.725	0.002
50	AA115B	0.726	0.724	0.002
50	AA116B	0.726	0.724	0.002
50	AA120B	0.727	0.724	0.003
50	AA121B	0.726	0.725	0.001
50	AA123B	0.728	0.726	0.002
50	AA124B	0.726	0.724	0.002
50	AA189B	0.727	0.726	0.001
50	AA190B	0.727	0.725	0.002
50	BB41B	0.727	0.724	0.003
50	BB38B	0.727	0.724	0.003
50	CC20B	0.727	0.725	0.002
50	CC10B	0.729	0.724	0.005
50	CC15B	0.728	0.724	0.004
50	CC13B	0.729	0.725	0.004
50	CC3B	0.728	0.725	0.003
50	CC16B	0.727	0.725	0.002
50	CC35B	0.727	0.724	0.003
50	CC47B	0.728	0.725	0.003
50	CC54B	0.727	0.717	0.010
50	CC51B	0.728	0.725	0.003
50	CC55B	0.728	0.725	0.003
55	A114B	0.727	0.710	0.017
55	A115B	0.726	0.714	0.012
55	A116B	0.726	0.713	0.013
55	A120B	0.727	0.715	0.012
55	A121B	0.726	0.708	0.018
55	A123B	0.728	0.714	0.014
55	A124B	0.726	0.703	0.023
55	A189B	0.727	0.716	0.011
55	A190B	0.727	0.714	0.013
55	B41B	0.727	0.716	0.011
55	B38B	0.727	0.715	0.012
55	C20B	0.727	0.716	0.011
55	C10B	0.729	0.720	0.009
55	C15B	0.728	0.719	0.009
55	C13B	0.729	0.720	0.009
55	C3B	0.728	0.719	0.009
55	C16B	0.727	0.720	0.007
55	C35B	0.727	0.720	0.007
55	C47B	0.728	0.720	0.008
55	C54B	0.727	0.721	0.006
55	C51B	0.728	0.721	0.007
55	C55B	0.728	0.721	0.007
Max		0.729	0.726	0.023
Average		0.727	0.720	0.007
Min		0.724	0.703	0.001
Std Dev		0.001	0.005	0.005



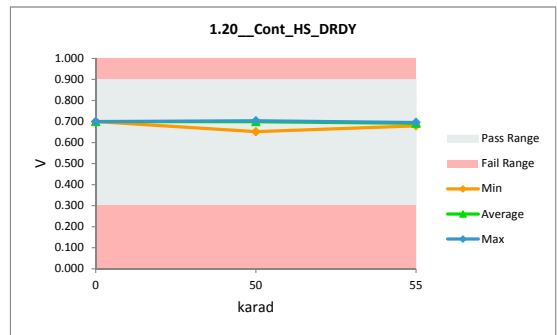
1.19_Cont_HS_CLK			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.721	0.717	0.703
Average	0.721	0.724	0.716
Max	0.721	0.726	0.721
UL	0.900	0.900	0.900



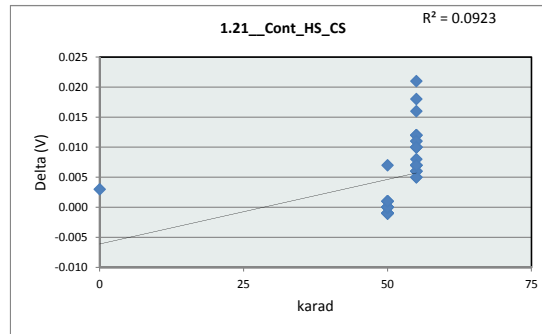
1.20_Cont_HS_DRDY				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.701	0.700	0.001
50	AA114B	0.703	0.703	0.000
50	AA115B	0.703	0.703	0.000
50	AA116B	0.703	0.703	0.000
50	AA120B	0.703	0.703	0.000
50	AA121B	0.704	0.704	0.000
50	AA123B	0.703	0.704	-0.001
50	AA124B	0.703	0.703	0.000
50	AA189B	0.703	0.703	0.000
50	AA190B	0.702	0.702	0.000
50	BB41B	0.705	0.704	0.001
50	BB38B	0.703	0.702	0.001
50	CC20B	0.701	0.702	-0.001
50	CC10B	0.703	0.700	0.003
50	CC15B	0.703	0.701	0.002
50	CC13B	0.703	0.701	0.002
50	CC3B	0.704	0.704	0.000
50	CC16B	0.703	0.702	0.001
50	CC35B	0.703	0.703	0.000
50	CC47B	0.702	0.702	0.000
50	CC54B	0.702	0.693	0.009
50	CC51B	0.702	0.652	0.050
50	CC55B	0.704	0.702	0.002
55	A114B	0.703	0.686	0.017
55	A115B	0.703	0.691	0.012
55	A116B	0.703	0.690	0.013
55	A120B	0.703	0.692	0.011
55	A121B	0.704	0.684	0.020
55	A123B	0.703	0.690	0.013
55	A124B	0.703	0.680	0.023
55	A189B	0.703	0.692	0.011
55	A190B	0.702	0.689	0.013
55	B41B	0.705	0.694	0.011
55	B38B	0.703	0.691	0.012
55	C20B	0.701	0.691	0.010
55	C10B	0.703	0.694	0.009
55	C15B	0.703	0.695	0.008
55	C13B	0.703	0.695	0.008
55	C3B	0.704	0.695	0.009
55	C16B	0.703	0.696	0.007
55	C35B	0.703	0.696	0.007
55	C47B	0.702	0.695	0.007
55	C54B	0.702	0.696	0.006
55	C51B	0.702	0.695	0.007
55	C55B	0.704	0.696	0.008
	Max	0.705	0.704	0.050
	Average	0.703	0.696	0.007
	Min	0.701	0.652	-0.001
	Std Dev	0.001	0.009	0.009



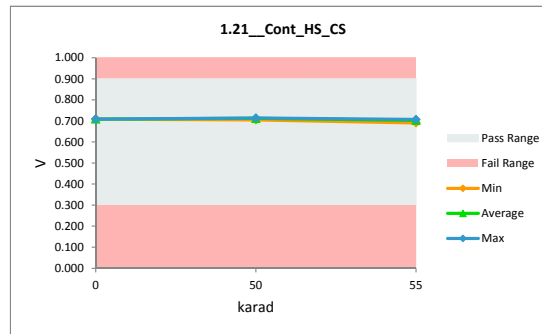
1.20_Cont_HS_DRDY			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	0.9	V	
Min Limit	0.3	V	
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.700	0.652	0.680
Average	0.700	0.700	0.692
Max	0.700	0.704	0.696
UL	0.900	0.900	0.900



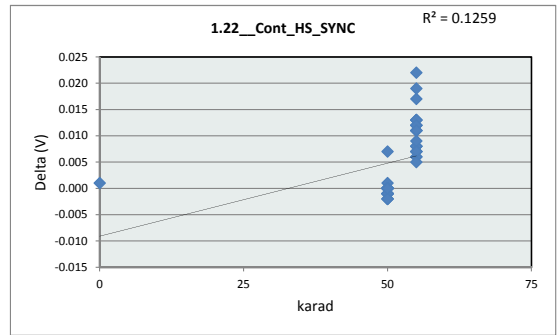
1.21_Cont_HS_CS				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.712	0.709	0.003
50	AA114B	0.713	0.714	-0.001
50	AA115B	0.712	0.713	-0.001
50	AA116B	0.712	0.712	0.000
50	AA120B	0.713	0.713	0.000
50	AA121B	0.713	0.714	-0.001
50	AA123B	0.713	0.714	-0.001
50	AA124B	0.712	0.713	-0.001
50	AA189B	0.713	0.714	-0.001
50	AA190B	0.712	0.713	-0.001
50	BB41B	0.715	0.714	0.001
50	BB38B	0.713	0.713	0.000
50	CC20B	0.712	0.713	-0.001
50	CC10B	0.713	0.712	0.001
50	CC15B	0.712	0.712	0.000
50	CC13B	0.714	0.713	0.001
50	CC3B	0.713	0.714	-0.001
50	CC16B	0.713	0.713	0.000
50	CC35B	0.713	0.713	0.000
50	CC47B	0.712	0.712	0.000
50	CC54B	0.712	0.705	0.007
50	CC51B	0.712	0.712	0.000
50	CC55B	0.714	0.713	0.001
55	A114B	0.713	0.697	0.016
55	A115B	0.712	0.702	0.010
55	A116B	0.712	0.700	0.012
55	A120B	0.713	0.702	0.011
55	A121B	0.713	0.695	0.018
55	A123B	0.713	0.701	0.012
55	A124B	0.712	0.691	0.021
55	A189B	0.713	0.703	0.010
55	A190B	0.712	0.700	0.012
55	B41B	0.715	0.705	0.010
55	B38B	0.713	0.702	0.011
55	C20B	0.712	0.702	0.010
55	C10B	0.713	0.706	0.007
55	C15B	0.712	0.705	0.007
55	C13B	0.714	0.707	0.007
55	C3B	0.713	0.705	0.008
55	C16B	0.713	0.707	0.006
55	C35B	0.713	0.707	0.006
55	C47B	0.712	0.706	0.006
55	C54B	0.712	0.707	0.005
55	C51B	0.712	0.707	0.005
55	C55B	0.714	0.707	0.007
Max		0.715	0.714	0.021
Average		0.713	0.708	0.005
Min		0.712	0.691	-0.001
Std Dev		0.001	0.006	0.006



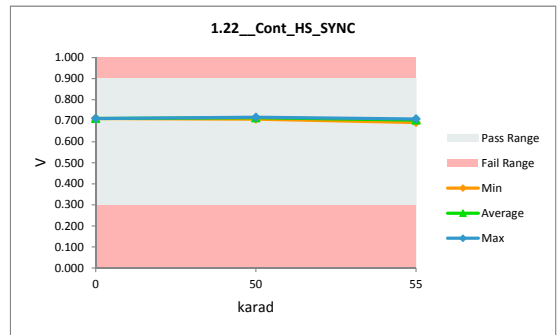
1.21_Cont_HS_CS			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	0.9	V	
Min Limit	0.3	V	
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.709	0.705	0.691
Average	0.709	0.713	0.703
Max	0.709	0.714	0.707
UL	0.900	0.900	0.900



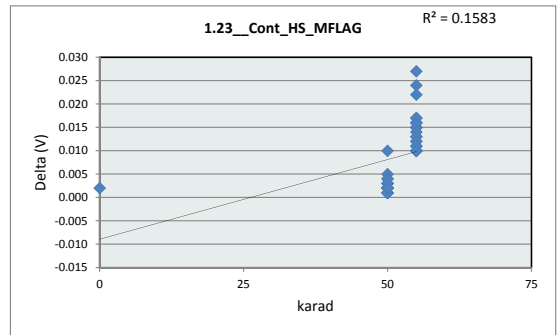
1.22_Cont_HS_SYNC				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.712	0.711	0.001
50	AA114B	0.715	0.716	-0.001
50	AA115B	0.714	0.715	-0.001
50	AA116B	0.714	0.714	0.000
50	AA120B	0.714	0.714	0.000
50	AA121B	0.715	0.716	-0.001
50	AA123B	0.715	0.717	-0.002
50	AA124B	0.714	0.714	0.000
50	AA189B	0.714	0.716	-0.002
50	AA190B	0.715	0.715	0.000
50	BB41B	0.716	0.716	0.000
50	BB38B	0.714	0.714	0.000
50	CC20B	0.713	0.714	-0.001
50	CC10B	0.715	0.714	0.001
50	CC15B	0.713	0.713	0.000
50	CC13B	0.715	0.715	0.000
50	CC3B	0.715	0.715	0.000
50	CC16B	0.714	0.715	-0.001
50	CC35B	0.714	0.715	-0.001
50	CC47B	0.712	0.713	-0.001
50	CC54B	0.715	0.708	0.007
50	CC51B	0.713	0.715	-0.002
50	CC55B	0.715	0.715	0.000
55	A114B	0.715	0.698	0.017
55	A115B	0.714	0.702	0.012
55	A116B	0.714	0.701	0.013
55	A120B	0.714	0.702	0.012
55	A121B	0.715	0.696	0.019
55	A123B	0.715	0.702	0.013
55	A124B	0.714	0.692	0.022
55	A189B	0.714	0.703	0.011
55	A190B	0.715	0.702	0.013
55	B41B	0.716	0.705	0.011
55	B38B	0.714	0.702	0.012
55	C20B	0.713	0.702	0.011
55	C10B	0.715	0.707	0.008
55	C15B	0.713	0.705	0.008
55	C13B	0.715	0.707	0.008
55	C3B	0.715	0.706	0.009
55	C16B	0.714	0.707	0.007
55	C35B	0.714	0.707	0.007
55	C47B	0.712	0.706	0.006
55	C54B	0.715	0.709	0.006
55	C51B	0.713	0.708	0.005
55	C55B	0.715	0.708	0.007
Max		0.716	0.717	0.022
Average		0.714	0.709	0.005
Min		0.712	0.692	-0.002
Std Dev		0.001	0.006	0.006



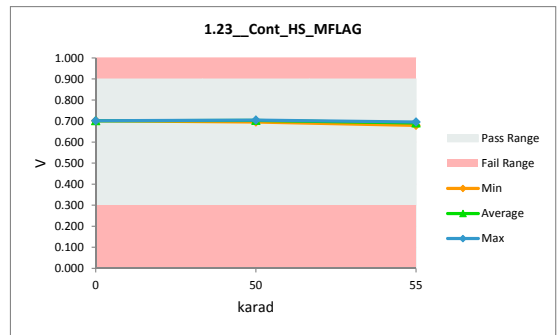
1.22_Cont_HS_SYNC			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	0.9	V	
Min Limit	0.3	V	
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.711	0.708	0.692
Average	0.711	0.715	0.704
Max	0.711	0.717	0.709
UL	0.900	0.900	0.900



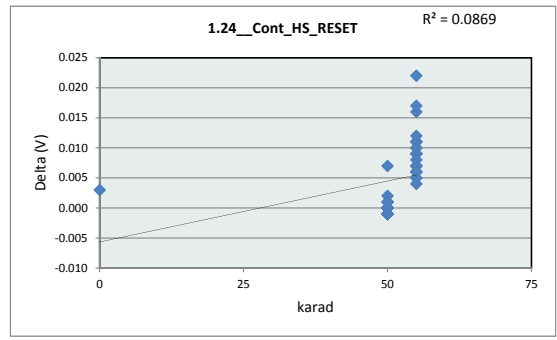
1.23_Cont_HS_MFLAG				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.704	0.702	0.002
50	AA114B	0.706	0.705	0.001
50	AA115B	0.707	0.704	0.003
50	AA116B	0.706	0.704	0.002
50	AA120B	0.706	0.704	0.002
50	AA121B	0.707	0.705	0.002
50	AA123B	0.706	0.705	0.001
50	AA124B	0.707	0.705	0.002
50	AA189B	0.706	0.705	0.001
50	AA190B	0.706	0.704	0.002
50	BB41B	0.707	0.704	0.003
50	BB38B	0.706	0.704	0.002
50	CC20B	0.705	0.704	0.001
50	CC10B	0.706	0.701	0.005
50	CC15B	0.706	0.702	0.004
50	CC13B	0.707	0.703	0.004
50	CC3B	0.707	0.705	0.002
50	CC16B	0.706	0.704	0.002
50	CC35B	0.706	0.703	0.003
50	CC47B	0.705	0.703	0.002
50	CC54B	0.706	0.696	0.010
50	CC51B	0.706	0.703	0.003
50	CC55B	0.706	0.704	0.002
55	A114B	0.706	0.684	0.022
55	A115B	0.707	0.691	0.016
55	A116B	0.706	0.689	0.017
55	A120B	0.706	0.691	0.015
55	A121B	0.707	0.683	0.024
55	A123B	0.706	0.689	0.017
55	A124B	0.707	0.680	0.027
55	A189B	0.706	0.691	0.015
55	A190B	0.706	0.690	0.016
55	B41B	0.707	0.692	0.015
55	B38B	0.706	0.690	0.016
55	C20B	0.705	0.691	0.014
55	C10B	0.706	0.694	0.012
55	C15B	0.706	0.693	0.013
55	C13B	0.707	0.694	0.013
55	C3B	0.707	0.695	0.012
55	C16B	0.706	0.695	0.011
55	C35B	0.706	0.695	0.011
55	C47B	0.705	0.695	0.010
55	C54B	0.706	0.696	0.010
55	C51B	0.706	0.696	0.010
55	C55B	0.706	0.696	0.010
	Max	0.707	0.705	0.027
	Average	0.706	0.698	0.009
	Min	0.704	0.680	0.001
	Std Dev	0.001	0.007	0.007



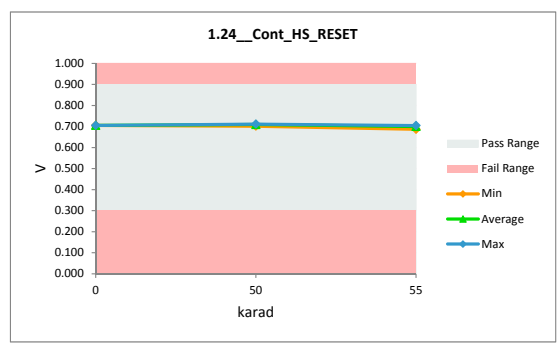
1.23_Cont_HS_MFLAG			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	0.9	V	
Min Limit	0.3	V	
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.702	0.696	0.680
Average	0.702	0.704	0.691
Max	0.702	0.705	0.696
UL	0.900	0.900	0.900



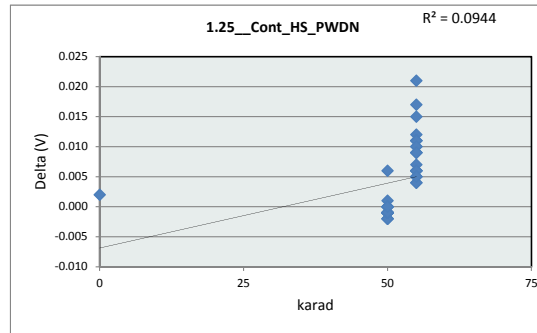
1.24_Cont_HS_RESET				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.709	0.706	0.003
50	AA114B	0.710	0.711	-0.001
50	AA115B	0.710	0.711	-0.001
50	AA116B	0.709	0.709	0.000
50	AA120B	0.711	0.711	0.000
50	AA121B	0.710	0.711	-0.001
50	AA123B	0.711	0.712	-0.001
50	AA124B	0.709	0.709	0.000
50	AA189B	0.710	0.711	-0.001
50	AA190B	0.710	0.711	-0.001
50	BB41B	0.711	0.711	0.000
50	BB38B	0.709	0.709	0.000
50	CC20B	0.708	0.709	-0.001
50	CC10B	0.712	0.710	0.002
50	CC15B	0.709	0.708	0.001
50	CC13B	0.711	0.710	0.001
50	CC3B	0.711	0.711	0.000
50	CC16B	0.711	0.711	0.000
50	CC35B	0.709	0.710	-0.001
50	CC47B	0.710	0.710	0.000
50	CC54B	0.709	0.702	0.007
50	CC51B	0.709	0.709	0.000
50	CC55B	0.711	0.710	0.001
55	A114B	0.710	0.694	0.016
55	A115B	0.710	0.700	0.010
55	A116B	0.709	0.698	0.011
55	A120B	0.711	0.700	0.011
55	A121B	0.710	0.693	0.017
55	A123B	0.711	0.699	0.012
55	A124B	0.709	0.687	0.022
55	A189B	0.710	0.701	0.009
55	A190B	0.710	0.699	0.011
55	B41B	0.711	0.702	0.009
55	B38B	0.709	0.699	0.010
55	C20B	0.708	0.699	0.009
55	C10B	0.712	0.705	0.007
55	C15B	0.709	0.702	0.007
55	C13B	0.711	0.704	0.007
55	C3B	0.711	0.703	0.008
55	C16B	0.711	0.705	0.006
55	C35B	0.709	0.704	0.005
55	C47B	0.710	0.704	0.006
55	C54B	0.709	0.705	0.004
55	C51B	0.709	0.704	0.005
55	C55B	0.711	0.705	0.006
Max		0.712	0.712	0.022
Average		0.710	0.705	0.005
Min		0.708	0.687	-0.001
Std Dev		0.001	0.006	0.006



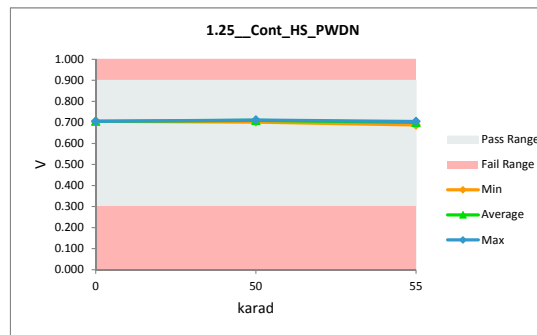
1.24_Cont_HS_RESET			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.706	0.702	0.687
Average	0.706	0.710	0.701
Max	0.706	0.712	0.705
UL	0.900	0.900	0.900



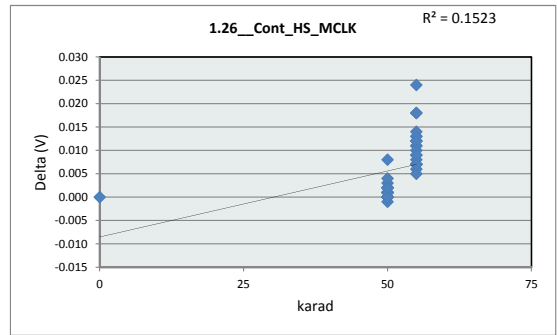
1.25_Cont_HS_PWDN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.708	0.706	0.002
50	AA114B	0.710	0.711	-0.001
50	AA115B	0.709	0.710	-0.001
50	AA116B	0.709	0.709	0.000
50	AA120B	0.711	0.711	0.000
50	AA121B	0.710	0.712	-0.002
50	AA123B	0.709	0.711	-0.002
50	AA124B	0.709	0.710	-0.001
50	AA189B	0.709	0.710	-0.001
50	AA190B	0.709	0.711	-0.002
50	BB41B	0.710	0.710	0.000
50	BB38B	0.709	0.710	-0.001
50	CC20B	0.709	0.710	-0.001
50	CC10B	0.710	0.709	0.001
50	CC15B	0.708	0.708	0.000
50	CC13B	0.710	0.711	-0.001
50	CC3B	0.711	0.712	-0.001
50	CC16B	0.709	0.710	-0.001
50	CC35B	0.709	0.710	-0.001
50	CC47B	0.709	0.710	-0.001
50	CC54B	0.708	0.702	0.006
50	CC51B	0.708	0.709	-0.001
50	CC55B	0.710	0.710	0.000
55	A114B	0.710	0.695	0.015
55	A115B	0.709	0.699	0.010
55	A116B	0.709	0.697	0.012
55	A120B	0.711	0.700	0.011
55	A121B	0.710	0.693	0.017
55	A123B	0.709	0.698	0.011
55	A124B	0.709	0.688	0.021
55	A189B	0.709	0.700	0.009
55	A190B	0.709	0.698	0.011
55	B41B	0.710	0.701	0.009
55	B38B	0.709	0.699	0.010
55	C20B	0.709	0.700	0.009
55	C10B	0.710	0.704	0.006
55	C15B	0.708	0.702	0.006
55	C13B	0.710	0.704	0.006
55	C3B	0.711	0.704	0.007
55	C16B	0.709	0.703	0.006
55	C35B	0.709	0.704	0.005
55	C47B	0.709	0.704	0.005
55	C54B	0.708	0.704	0.004
55	C51B	0.708	0.704	0.004
55	C55B	0.710	0.705	0.005
	Max	0.711	0.712	0.021
	Average	0.709	0.705	0.004
	Min	0.708	0.688	-0.002
	Std Dev	0.001	0.006	0.006



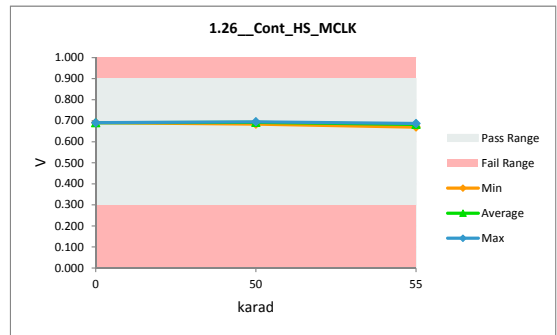
1.25_Cont_HS_PWDN			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	0.9	V	
Min Limit	0.3	V	
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.706	0.702	0.688
Average	0.706	0.710	0.700
Max	0.706	0.712	0.705
UL	0.900	0.900	0.900



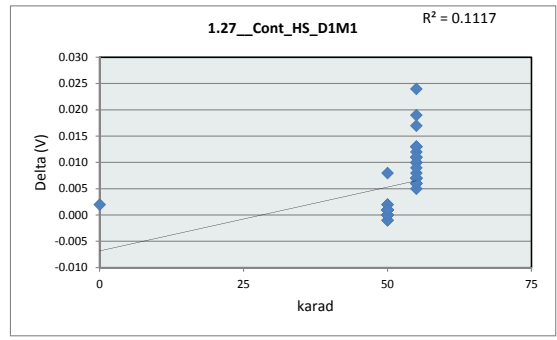
1.26_Cont_HS_MCLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.691	0.691	0.000
50	AA114B	0.695	0.695	0.000
50	AA115B	0.695	0.694	0.001
50	AA116B	0.694	0.692	0.002
50	AA120B	0.694	0.693	0.001
50	AA121B	0.694	0.694	0.000
50	AA123B	0.694	0.695	-0.001
50	AA124B	0.694	0.692	0.002
50	AA189B	0.693	0.693	0.000
50	AA190B	0.693	0.693	0.000
50	BB41B	0.695	0.694	0.001
50	BB38B	0.694	0.693	0.001
50	CC20B	0.692	0.692	0.000
50	CC10B	0.694	0.692	0.002
50	CC15B	0.694	0.691	0.003
50	CC13B	0.693	0.692	0.001
50	CC3B	0.695	0.695	0.000
50	CC16B	0.694	0.692	0.002
50	CC35B	0.693	0.692	0.001
50	CC47B	0.692	0.692	0.000
50	CC54B	0.692	0.684	0.008
50	CC51B	0.693	0.691	0.002
50	CC55B	0.695	0.691	0.004
55	A114B	0.695	0.677	0.018
55	A115B	0.695	0.682	0.013
55	A116B	0.694	0.680	0.014
55	A120B	0.694	0.682	0.012
55	A121B	0.694	0.676	0.018
55	A123B	0.694	0.681	0.013
55	A124B	0.694	0.670	0.024
55	A189B	0.693	0.682	0.011
55	A190B	0.693	0.681	0.012
55	B41B	0.695	0.684	0.011
55	B38B	0.694	0.682	0.012
55	C20B	0.692	0.682	0.010
55	C10B	0.694	0.687	0.007
55	C15B	0.694	0.685	0.009
55	C13B	0.693	0.686	0.007
55	C3B	0.695	0.687	0.008
55	C16B	0.694	0.687	0.007
55	C35B	0.693	0.686	0.007
55	C47B	0.692	0.686	0.006
55	C54B	0.692	0.687	0.005
55	C51B	0.693	0.686	0.007
55	C55B	0.695	0.686	0.009
	Max	0.695	0.695	0.024
	Average	0.694	0.688	0.006
	Min	0.691	0.670	-0.001
	Std Dev	0.001	0.006	0.006



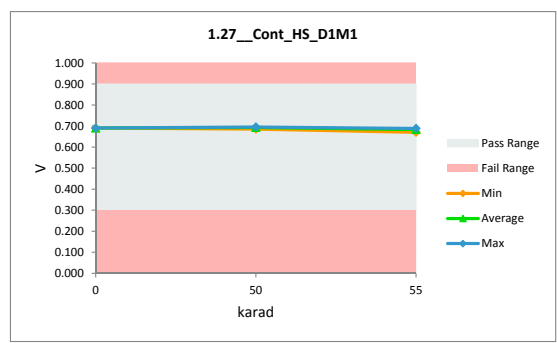
1.26_Cont_HS_MCLK			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	0.9	V	
Min Limit	0.3	V	
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.691	0.684	0.670
Average	0.691	0.692	0.683
Max	0.691	0.695	0.687
UL	0.900	0.900	0.900



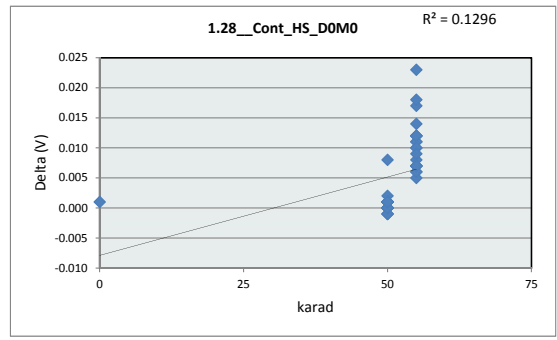
1.27_Cont_HS_D1M1				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.693	0.691	0.002
50	AA114B	0.694	0.695	-0.001
50	AA115B	0.695	0.694	0.001
50	AA116B	0.695	0.695	0.000
50	AA120B	0.695	0.695	0.000
50	AA121B	0.695	0.695	0.000
50	AA123B	0.695	0.696	-0.001
50	AA124B	0.695	0.694	0.001
50	AA189B	0.695	0.695	0.000
50	AA190B	0.694	0.694	0.000
50	BB41B	0.696	0.695	0.001
50	BB38B	0.694	0.693	0.001
50	CC20B	0.693	0.693	0.000
50	CC10B	0.694	0.692	0.002
50	CC15B	0.694	0.692	0.002
50	CC13B	0.694	0.693	0.001
50	CC3B	0.696	0.695	0.001
50	CC16B	0.695	0.694	0.001
50	CC35B	0.694	0.693	0.001
50	CC47B	0.693	0.693	0.000
50	CC54B	0.694	0.686	0.008
50	CC51B	0.693	0.692	0.001
50	CC55B	0.695	0.694	0.001
55	A114B	0.694	0.677	0.017
55	A115B	0.695	0.683	0.012
55	A116B	0.695	0.682	0.013
55	A120B	0.695	0.684	0.011
55	A121B	0.695	0.676	0.019
55	A123B	0.695	0.682	0.013
55	A124B	0.695	0.671	0.024
55	A189B	0.695	0.684	0.011
55	A190B	0.694	0.681	0.013
55	B41B	0.696	0.686	0.010
55	B38B	0.694	0.683	0.011
55	C20B	0.693	0.683	0.010
55	C10B	0.694	0.687	0.007
55	C15B	0.694	0.687	0.007
55	C13B	0.694	0.686	0.008
55	C3B	0.696	0.687	0.009
55	C16B	0.695	0.688	0.007
55	C35B	0.694	0.687	0.007
55	C47B	0.693	0.687	0.006
55	C54B	0.694	0.689	0.005
55	C51B	0.693	0.687	0.006
55	C55B	0.695	0.689	0.006
	Max	0.696	0.696	0.024
	Average	0.694	0.689	0.006
	Min	0.693	0.671	-0.001
	Std Dev	0.001	0.006	0.006



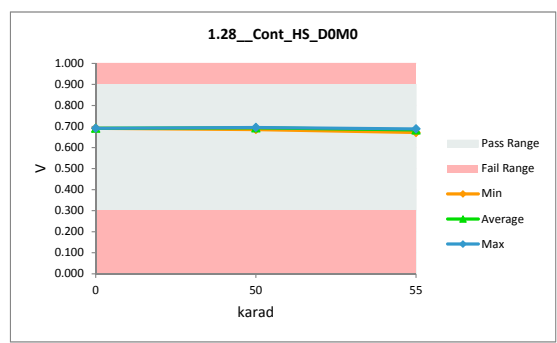
1.27_Cont_HS_D1M1			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.691	0.686	0.671
Average	0.691	0.694	0.684
Max	0.691	0.696	0.689
UL	0.900	0.900	0.900



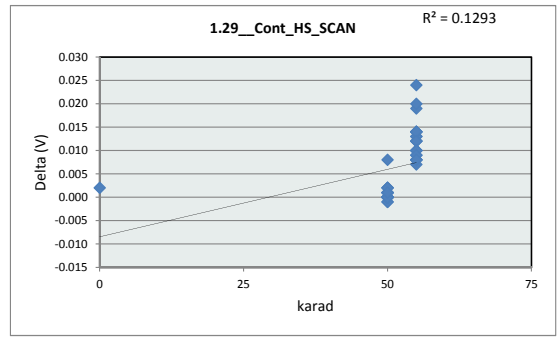
1.28_Cont_HS_DOM0				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.693	0.692	0.001
50	AA114B	0.695	0.696	-0.001
50	AA115B	0.695	0.694	0.001
50	AA116B	0.695	0.695	0.000
50	AA120B	0.695	0.695	0.000
50	AA121B	0.695	0.696	-0.001
50	AA123B	0.695	0.695	0.000
50	AA124B	0.695	0.695	0.000
50	AA189B	0.696	0.696	0.000
50	AA190B	0.694	0.695	-0.001
50	BB41B	0.696	0.696	0.000
50	BB38B	0.695	0.694	0.001
50	CC20B	0.693	0.693	0.000
50	CC10B	0.694	0.692	0.002
50	CC15B	0.694	0.693	0.001
50	CC13B	0.694	0.693	0.001
50	CC3B	0.696	0.695	0.001
50	CC16B	0.694	0.694	0.000
50	CC35B	0.695	0.694	0.001
50	CC47B	0.694	0.693	0.001
50	CC54B	0.694	0.686	0.008
50	CC51B	0.694	0.693	0.001
50	CC55B	0.695	0.694	0.001
55	A114B	0.695	0.678	0.017
55	A115B	0.695	0.683	0.012
55	A116B	0.695	0.683	0.012
55	A120B	0.695	0.684	0.011
55	A121B	0.695	0.677	0.018
55	A123B	0.695	0.681	0.014
55	A124B	0.695	0.672	0.023
55	A189B	0.696	0.685	0.011
55	A190B	0.694	0.682	0.012
55	B41B	0.696	0.686	0.010
55	B38B	0.695	0.683	0.012
55	C20B	0.693	0.683	0.010
55	C10B	0.694	0.687	0.007
55	C15B	0.694	0.686	0.008
55	C13B	0.694	0.687	0.007
55	C3B	0.696	0.687	0.009
55	C16B	0.694	0.688	0.006
55	C35B	0.695	0.688	0.007
55	C47B	0.694	0.687	0.007
55	C54B	0.694	0.689	0.005
55	C51B	0.694	0.688	0.006
55	C55B	0.695	0.688	0.007
	Max	0.696	0.696	0.023
	Average	0.695	0.689	0.006
	Min	0.693	0.672	-0.001
	Std Dev	0.001	0.006	0.006



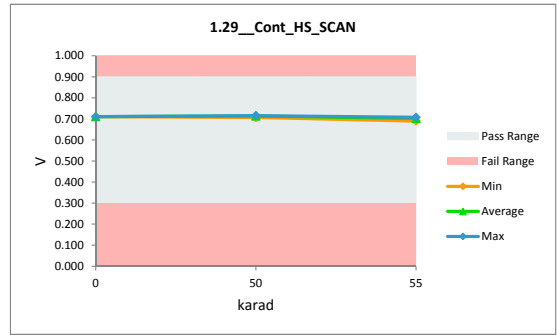
1.28_Cont_HS_DOM0			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.692	0.686	0.672
Average	0.692	0.694	0.684
Max	0.692	0.696	0.689
UL	0.900	0.900	0.900



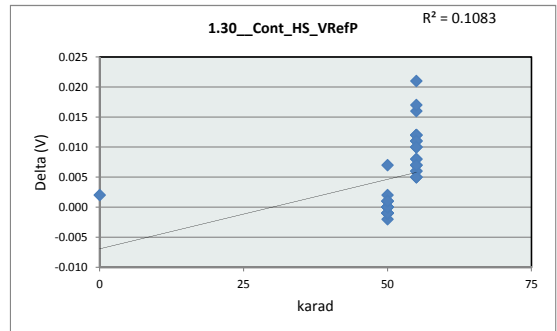
1.29_Cont_HS_SCAN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.713	0.711	0.002
50	AA114B	0.716	0.716	0.000
50	AA115B	0.714	0.714	0.000
50	AA116B	0.714	0.714	0.000
50	AA120B	0.715	0.715	0.000
50	AA121B	0.715	0.716	-0.001
50	AA123B	0.715	0.716	-0.001
50	AA124B	0.714	0.714	0.000
50	AA189B	0.715	0.715	0.000
50	AA190B	0.715	0.714	0.001
50	BB41B	0.716	0.715	0.001
50	BB38B	0.715	0.714	0.001
50	CC20B	0.714	0.714	0.000
50	CC10B	0.715	0.713	0.002
50	CC15B	0.715	0.713	0.002
50	CC13B	0.716	0.715	0.001
50	CC3B	0.715	0.715	0.000
50	CC16B	0.715	0.715	0.000
50	CC35B	0.715	0.715	0.000
50	CC47B	0.714	0.714	0.000
50	CC54B	0.715	0.707	0.008
50	CC51B	0.715	0.713	0.002
50	CC55B	0.715	0.714	0.001
55	A114B	0.716	0.697	0.019
55	A115B	0.714	0.701	0.013
55	A116B	0.714	0.700	0.014
55	A120B	0.715	0.702	0.013
55	A121B	0.715	0.695	0.020
55	A123B	0.715	0.701	0.014
55	A124B	0.714	0.690	0.024
55	A189B	0.715	0.703	0.012
55	A190B	0.715	0.701	0.014
55	B41B	0.716	0.704	0.012
55	B38B	0.715	0.701	0.014
55	C20B	0.714	0.702	0.012
55	C10B	0.715	0.705	0.010
55	C15B	0.715	0.705	0.010
55	C13B	0.716	0.707	0.009
55	C3B	0.715	0.705	0.010
55	C16B	0.715	0.707	0.008
55	C35B	0.715	0.707	0.008
55	C47B	0.714	0.706	0.008
55	C54B	0.715	0.708	0.007
55	C51B	0.715	0.706	0.009
55	C55B	0.715	0.707	0.008
	Max	0.716	0.716	0.024
	Average	0.715	0.708	0.006
	Min	0.713	0.690	-0.001
	Std Dev	0.001	0.007	0.007



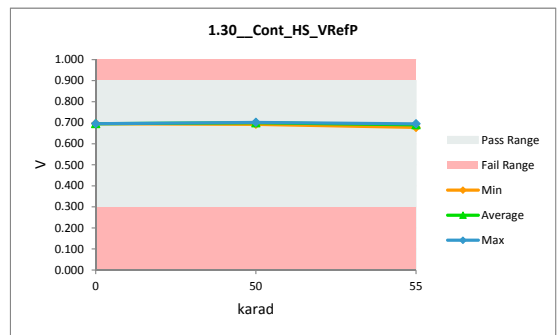
1.29_Cont_HS_SCAN			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	0.9	V	
Min Limit	0.3	V	
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.711	0.707	0.690
Average	0.711	0.714	0.703
Max	0.711	0.716	0.708
UL	0.900	0.900	0.900



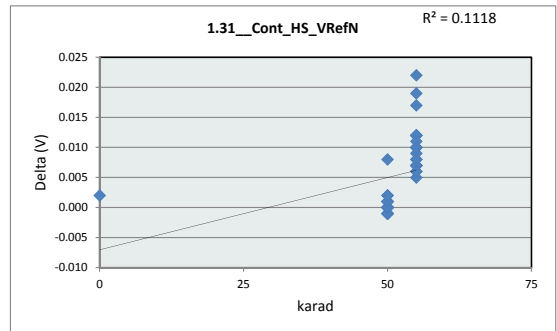
1.30_Cont_HS_VRefP				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.698	0.696	0.002
50	AA114B	0.701	0.702	-0.001
50	AA115B	0.700	0.700	0.000
50	AA116B	0.700	0.700	0.000
50	AA120B	0.701	0.701	0.000
50	AA121B	0.700	0.702	-0.002
50	AA123B	0.701	0.702	-0.001
50	AA124B	0.699	0.700	-0.001
50	AA189B	0.701	0.702	-0.001
50	AA190B	0.701	0.701	0.000
50	BB41B	0.702	0.701	0.001
50	BB38B	0.700	0.700	0.000
50	CC20B	0.699	0.700	-0.001
50	CC10B	0.701	0.699	0.002
50	CC15B	0.699	0.698	0.001
50	CC13B	0.702	0.701	0.001
50	CC3B	0.701	0.701	0.000
50	CC16B	0.700	0.701	-0.001
50	CC35B	0.699	0.700	-0.001
50	CC47B	0.701	0.701	0.000
50	CC54B	0.700	0.693	0.007
50	CC51B	0.700	0.700	0.000
50	CC55B	0.701	0.700	0.001
55	A114B	0.701	0.685	0.016
55	A115B	0.700	0.689	0.011
55	A116B	0.700	0.688	0.012
55	A120B	0.701	0.690	0.011
55	A121B	0.700	0.683	0.017
55	A123B	0.701	0.689	0.012
55	A124B	0.699	0.678	0.021
55	A189B	0.701	0.691	0.010
55	A190B	0.701	0.689	0.012
55	B41B	0.702	0.692	0.010
55	B38B	0.700	0.689	0.011
55	C20B	0.699	0.689	0.010
55	C10B	0.701	0.694	0.007
55	C15B	0.699	0.692	0.007
55	C13B	0.702	0.694	0.008
55	C3B	0.701	0.693	0.008
55	C16B	0.700	0.694	0.006
55	C35B	0.699	0.694	0.005
55	C47B	0.701	0.695	0.006
55	C54B	0.700	0.695	0.005
55	C51B	0.700	0.695	0.005
55	C55B	0.701	0.694	0.007
Max		0.702	0.702	0.021
Average		0.700	0.695	0.005
Min		0.698	0.678	-0.002
Std Dev		0.001	0.006	0.006



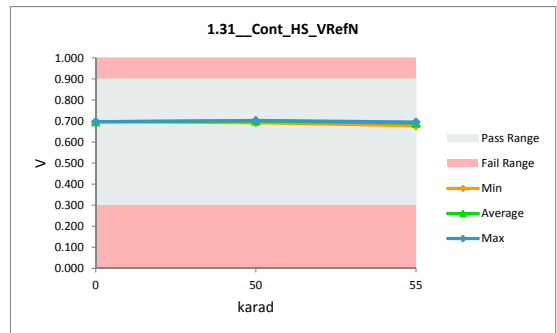
1.30_Cont_HS_VRefP			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.696	0.693	0.678
Average	0.696	0.700	0.691
Max	0.696	0.702	0.695
UL	0.900	0.900	0.900



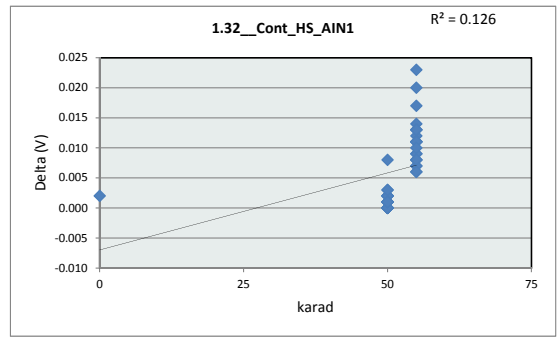
1.31_Cont_HS_VRefN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.699	0.697	0.002
50	AA114B	0.702	0.703	-0.001
50	AA115B	0.700	0.701	-0.001
50	AA116B	0.700	0.700	0.000
50	AA120B	0.702	0.701	0.001
50	AA121B	0.702	0.702	0.000
50	AA123B	0.701	0.702	-0.001
50	AA124B	0.700	0.701	-0.001
50	AA189B	0.702	0.703	-0.001
50	AA190B	0.702	0.702	0.000
50	BB41B	0.702	0.702	0.000
50	BB38B	0.701	0.701	0.000
50	CC20B	0.699	0.700	-0.001
50	CC10B	0.702	0.700	0.002
50	CC15B	0.700	0.699	0.001
50	CC13B	0.703	0.702	0.001
50	CC3B	0.703	0.702	0.001
50	CC16B	0.701	0.701	0.000
50	CC35B	0.700	0.700	0.000
50	CC47B	0.701	0.701	0.000
50	CC54B	0.701	0.693	0.008
50	CC51B	0.701	0.700	0.001
50	CC55B	0.703	0.701	0.002
55	A114B	0.702	0.685	0.017
55	A115B	0.700	0.690	0.010
55	A116B	0.700	0.688	0.012
55	A120B	0.702	0.690	0.012
55	A121B	0.702	0.683	0.019
55	A123B	0.701	0.689	0.012
55	A124B	0.700	0.678	0.022
55	A189B	0.702	0.692	0.010
55	A190B	0.702	0.690	0.012
55	B41B	0.702	0.692	0.010
55	B38B	0.701	0.690	0.011
55	C20B	0.699	0.689	0.010
55	C10B	0.702	0.695	0.007
55	C15B	0.700	0.693	0.007
55	C13B	0.703	0.695	0.008
55	C3B	0.703	0.694	0.009
55	C16B	0.701	0.694	0.007
55	C35B	0.700	0.694	0.006
55	C47B	0.701	0.694	0.007
55	C54B	0.701	0.696	0.005
55	C51B	0.701	0.695	0.006
55	C55B	0.703	0.695	0.008
Max		0.703	0.703	0.022
Average		0.701	0.696	0.005
Min		0.699	0.678	-0.001
Std Dev		0.001	0.006	0.006



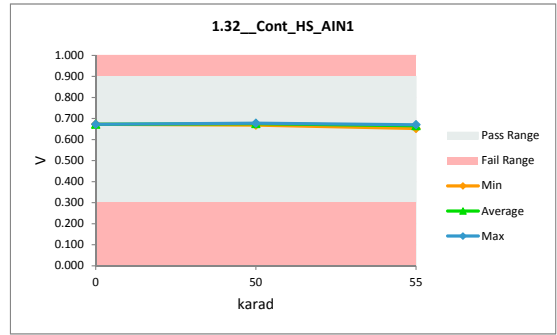
1.31_Cont_HS_VRefN			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	0.9	V	
Min Limit	0.3	V	
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.697	0.693	0.678
Average	0.697	0.701	0.691
Max	0.697	0.703	0.696
UL	0.900	0.900	0.900



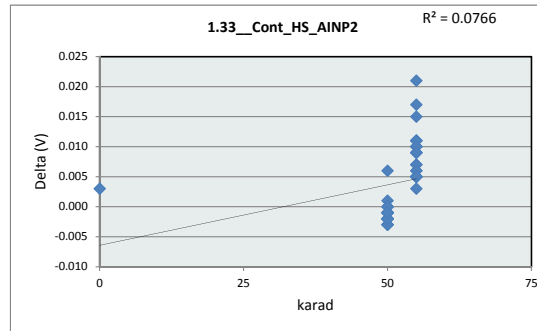
1.32_Cont_HS_AIN1				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.675	0.673	0.002
50	AA114B	0.678	0.678	0.000
50	AA115B	0.677	0.676	0.001
50	AA116B	0.676	0.676	0.000
50	AA120B	0.677	0.677	0.000
50	AA121B	0.678	0.678	0.000
50	AA123B	0.678	0.678	0.000
50	AA124B	0.676	0.675	0.001
50	AA189B	0.677	0.677	0.000
50	AA190B	0.678	0.678	0.000
50	BB41B	0.677	0.676	0.001
50	BB38B	0.678	0.676	0.002
50	CC20B	0.676	0.676	0.000
50	CC10B	0.678	0.675	0.003
50	CC15B	0.677	0.675	0.002
50	CC13B	0.679	0.677	0.002
50	CC3B	0.679	0.677	0.002
50	CC16B	0.678	0.677	0.001
50	CC35B	0.677	0.675	0.002
50	CC47B	0.677	0.676	0.001
50	CC54B	0.677	0.669	0.008
50	CC51B	0.677	0.676	0.001
50	CC55B	0.679	0.676	0.003
55	A114B	0.678	0.661	0.017
55	A115B	0.677	0.665	0.012
55	A116B	0.676	0.663	0.013
55	A120B	0.677	0.666	0.011
55	A121B	0.678	0.658	0.020
55	A123B	0.678	0.664	0.014
55	A124B	0.676	0.653	0.023
55	A189B	0.677	0.666	0.011
55	A190B	0.678	0.665	0.013
55	B41B	0.677	0.666	0.011
55	B38B	0.678	0.665	0.013
55	C20B	0.676	0.665	0.011
55	C10B	0.678	0.670	0.008
55	C15B	0.677	0.668	0.009
55	C13B	0.679	0.670	0.009
55	C3B	0.679	0.669	0.010
55	C16B	0.678	0.670	0.008
55	C35B	0.677	0.670	0.007
55	C47B	0.677	0.670	0.007
55	C54B	0.677	0.671	0.006
55	C51B	0.677	0.671	0.006
55	C55B	0.679	0.671	0.008
	Max	0.679	0.678	0.023
	Average	0.677	0.671	0.006
	Min	0.675	0.653	0.000
	Std Dev	0.001	0.006	0.006



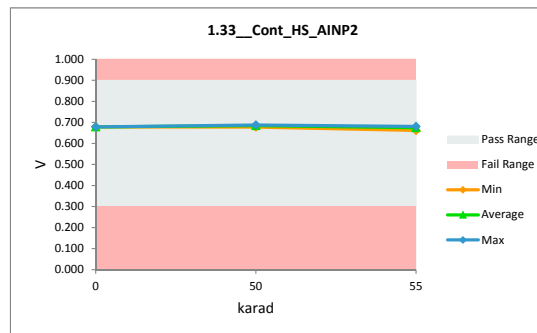
1.32_Cont_HS_AIN1			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.673	0.669	0.653
Average	0.673	0.676	0.666
Max	0.673	0.678	0.671
UL	0.900	0.900	0.900



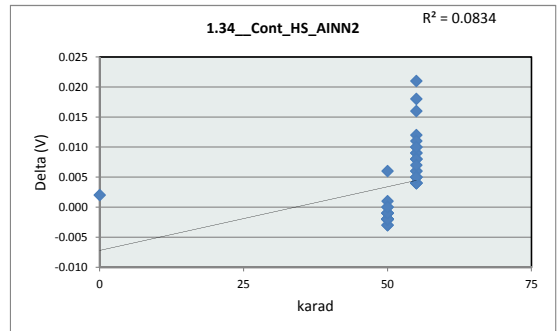
1.33_Cont_HS_AINP2				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.682	0.679	0.003
50	AA114B	0.685	0.687	-0.002
50	AA115B	0.684	0.686	-0.002
50	AA116B	0.683	0.685	-0.002
50	AA120B	0.685	0.686	-0.001
50	AA121B	0.684	0.687	-0.003
50	AA123B	0.685	0.688	-0.003
50	AA124B	0.683	0.685	-0.002
50	AA189B	0.684	0.687	-0.003
50	AA190B	0.685	0.687	-0.002
50	BB41B	0.684	0.685	-0.001
50	BB38B	0.684	0.685	-0.001
50	CC20B	0.683	0.685	-0.002
50	CC10B	0.685	0.684	0.001
50	CC15B	0.684	0.684	0.000
50	CC13B	0.686	0.686	0.000
50	CC3B	0.685	0.685	0.000
50	CC16B	0.685	0.686	-0.001
50	CC35B	0.684	0.685	-0.001
50	CC47B	0.684	0.686	-0.002
50	CC54B	0.684	0.678	0.006
50	CC51B	0.684	0.685	-0.001
50	CC55B	0.685	0.686	-0.001
55	A114B	0.685	0.670	0.015
55	A115B	0.684	0.674	0.010
55	A116B	0.683	0.672	0.011
55	A120B	0.685	0.675	0.010
55	A121B	0.684	0.667	0.017
55	A123B	0.685	0.674	0.011
55	A124B	0.683	0.662	0.021
55	A189B	0.684	0.675	0.009
55	A190B	0.685	0.674	0.011
55	B41B	0.684	0.675	0.009
55	B38B	0.684	0.674	0.010
55	C20B	0.683	0.674	0.009
55	C10B	0.685	0.678	0.007
55	C15B	0.684	0.678	0.006
55	C13B	0.686	0.679	0.007
55	C3B	0.685	0.679	0.006
55	C16B	0.685	0.680	0.005
55	C35B	0.684	0.679	0.005
55	C47B	0.684	0.679	0.005
55	C54B	0.684	0.681	0.003
55	C51B	0.684	0.679	0.005
55	C55B	0.685	0.680	0.005
	Max	0.686	0.688	0.021
	Average	0.684	0.680	0.004
	Min	0.682	0.662	-0.003
	Std Dev	0.001	0.006	0.006



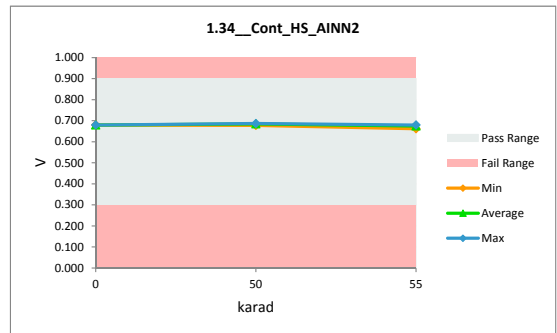
1.33_Cont_HS_AINP2			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.679	0.678	0.662
Average	0.679	0.685	0.675
Max	0.679	0.688	0.681
UL	0.900	0.900	0.900



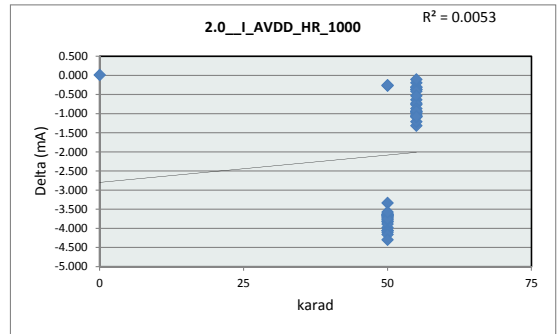
1.34 Cont_HS_AINN2				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.682	0.680	0.002
50	AA114B	0.685	0.687	-0.002
50	AA115B	0.683	0.685	-0.002
50	AA116B	0.683	0.685	-0.002
50	AA120B	0.684	0.686	-0.002
50	AA121B	0.685	0.687	-0.002
50	AA123B	0.685	0.687	-0.002
50	AA124B	0.683	0.685	-0.002
50	AA189B	0.684	0.687	-0.003
50	AA190B	0.685	0.687	-0.002
50	BB41B	0.684	0.685	-0.001
50	BB38B	0.684	0.686	-0.002
50	CC20B	0.683	0.686	-0.003
50	CC10B	0.685	0.684	0.001
50	CC15B	0.684	0.684	0.000
50	CC13B	0.685	0.686	-0.001
50	CC3B	0.685	0.686	-0.001
50	CC16B	0.684	0.686	-0.002
50	CC35B	0.684	0.685	-0.001
50	CC47B	0.684	0.686	-0.002
50	CC54B	0.684	0.678	0.006
50	CC51B	0.684	0.685	-0.001
50	CC55B	0.685	0.685	0.000
55	A114B	0.685	0.669	0.016
55	A115B	0.683	0.674	0.009
55	A116B	0.683	0.673	0.010
55	A120B	0.684	0.675	0.009
55	A121B	0.685	0.667	0.018
55	A123B	0.685	0.673	0.012
55	A124B	0.683	0.662	0.021
55	A189B	0.684	0.676	0.008
55	A190B	0.685	0.674	0.011
55	B41B	0.684	0.676	0.008
55	B38B	0.684	0.674	0.010
55	C20B	0.683	0.675	0.008
55	C10B	0.685	0.679	0.006
55	C15B	0.684	0.678	0.006
55	C13B	0.685	0.680	0.005
55	C3B	0.685	0.678	0.007
55	C16B	0.684	0.680	0.004
55	C35B	0.684	0.679	0.005
55	C47B	0.684	0.680	0.004
55	C54B	0.684	0.680	0.004
55	C51B	0.684	0.680	0.004
55	C55B	0.685	0.680	0.005
	Max	0.685	0.687	0.021
	Average	0.684	0.680	0.004
	Min	0.682	0.662	-0.003
	Std Dev	0.001	0.006	0.006



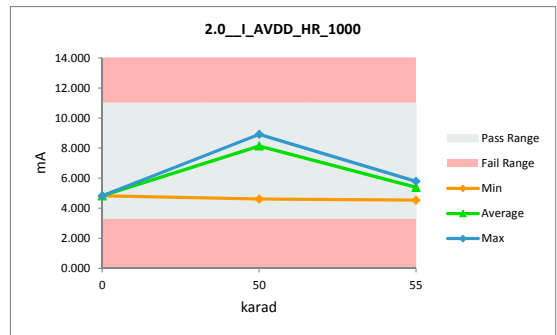
1.34 Cont_HS_AINN2			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.680	0.678	0.662
Average	0.680	0.685	0.676
Max	0.680	0.687	0.680
UL	0.900	0.900	0.900



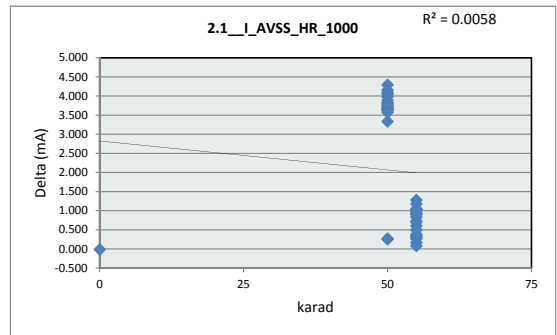
2.0_I_AVDD_HR_1000				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	11	11		
Min Limit	3.3	3.3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	4.840	4.827	0.013
50	AA114B	4.347	4.615	-0.268
50	AA115B	4.762	8.743	-3.981
50	AA116B	4.839	8.470	-3.631
50	AA120B	4.801	8.611	-3.810
50	AA121B	4.517	8.186	-3.669
50	AA123B	4.473	8.097	-3.624
50	AA124B	4.957	8.643	-3.686
50	AA189B	4.714	8.357	-3.643
50	AA190B	4.729	8.389	-3.660
50	BB41B	4.623	8.680	-4.057
50	BB38B	4.925	8.755	-3.830
50	CC20B	4.706	8.593	-3.887
50	CC10B	4.428	8.482	-4.054
50	CC15B	4.640	8.740	-4.100
50	CC13B	4.477	8.250	-3.773
50	CC3B	4.559	4.815	-0.256
50	CC16B	4.726	8.885	-4.159
50	CC35B	4.716	8.432	-3.716
50	CC47B	4.636	8.383	-3.747
50	CC54B	4.630	8.925	-4.295
50	CC51B	4.671	8.005	-3.334
50	CC55B	4.618	8.192	-3.574
55	A114B	4.347	4.538	-0.191
55	A115B	4.762	5.061	-0.299
55	A116B	4.839	5.208	-0.369
55	A120B	4.801	5.436	-0.635
55	A121B	4.517	4.832	-0.315
55	A123B	4.473	5.414	-0.941
55	A124B	4.957	5.320	-0.363
55	A189B	4.714	5.475	-0.761
55	A190B	4.729	5.456	-0.727
55	B41B	4.623	5.036	-0.413
55	B38B	4.925	5.458	-0.533
55	C20B	4.706	5.745	-1.039
55	C10B	4.428	5.741	-1.313
55	C15B	4.640	5.592	-0.952
55	C13B	4.477	5.686	-1.209
55	C3B	4.559	4.665	-0.106
55	C16B	4.726	5.792	-1.066
55	C35B	4.716	5.582	-0.866
55	C47B	4.636	5.720	-1.084
55	C54B	4.630	5.608	-0.978
55	C51B	4.671	5.605	-0.934
55	C55B	4.618	5.692	-1.074
	Max	4.957	8.925	0.013
	Average	4.663	6.727	-2.065
	Min	4.347	4.538	-4.295
	Std Dev	0.152	1.631	1.613



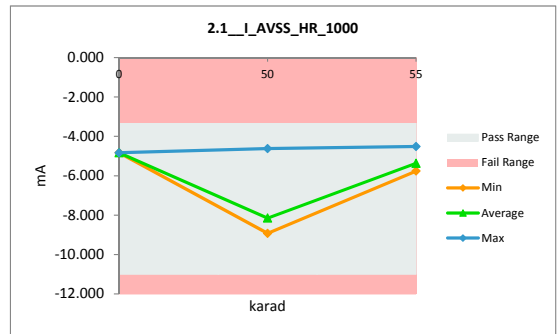
2.0_I_AVDD_HR_1000			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	11	mA	
Min Limit	3.3	mA	
karad	0	50	55
LL	3.300	3.300	3.300
Min	4.827	4.615	4.538
Average	4.827	8.148	5.394
Max	4.827	8.925	5.792
UL	11.000	11.000	11.000



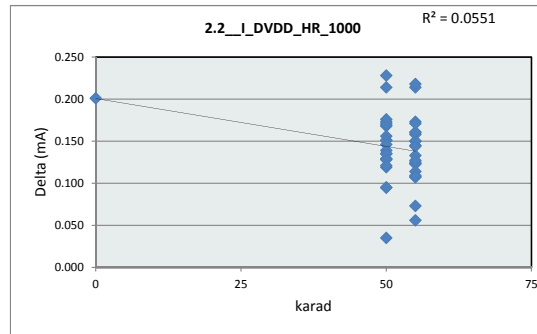
2.1_I_AVSS_HR_1000				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	-3.3	-3.3		
Min Limit	-11	-11		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-4.842	-4.827	-0.015
50	AA114B	-4.348	-4.616	0.268
50	AA115B	-4.765	-8.742	3.977
50	AA116B	-4.842	-8.470	3.628
50	AA120B	-4.804	-8.611	3.807
50	AA121B	-4.520	-8.186	3.666
50	AA123B	-4.476	-8.097	3.621
50	AA124B	-4.961	-8.641	3.680
50	AA189B	-4.715	-8.356	3.641
50	AA190B	-4.730	-8.388	3.658
50	BB41B	-4.625	-8.678	4.053
50	BB38B	-4.927	-8.755	3.828
50	CC20B	-4.709	-8.593	3.884
50	CC10B	-4.431	-8.481	4.050
50	CC15B	-4.641	-8.740	4.099
50	CC13B	-4.478	-8.249	3.771
50	CC3B	-4.562	-4.815	0.253
50	CC16B	-4.728	-8.884	4.156
50	CC35B	-4.718	-8.430	3.712
50	CC47B	-4.638	-8.382	3.744
50	CC54B	-4.632	-8.924	4.292
50	CC51B	-4.674	-8.005	3.331
50	CC55B	-4.621	-8.191	3.570
55	A114B	-4.348	-4.512	0.164
55	A115B	-4.765	-5.032	0.267
55	A116B	-4.842	-5.180	0.338
55	A120B	-4.804	-5.405	0.601
55	A121B	-4.520	-4.805	0.285
55	A123B	-4.476	-5.382	0.906
55	A124B	-4.961	-5.290	0.329
55	A189B	-4.715	-5.443	0.728
55	A190B	-4.730	-5.425	0.695
55	B41B	-4.625	-5.007	0.382
55	B38B	-4.927	-5.425	0.498
55	C20B	-4.709	-5.711	1.002
55	C10B	-4.431	-5.708	1.277
55	C15B	-4.641	-5.560	0.919
55	C13B	-4.478	-5.653	1.175
55	C3B	-4.562	-4.639	0.077
55	C16B	-4.728	-5.758	1.030
55	C35B	-4.718	-5.550	0.832
55	C47B	-4.638	-5.686	1.048
55	C54B	-4.632	-5.577	0.945
55	C51B	-4.674	-5.574	0.900
55	C55B	-4.621	-5.658	1.037
	Max	-4.348	-4.512	4.292
	Average	-4.665	-6.712	2.047
	Min	-4.961	-8.924	-0.015
	Std Dev	0.152	1.643	1.625



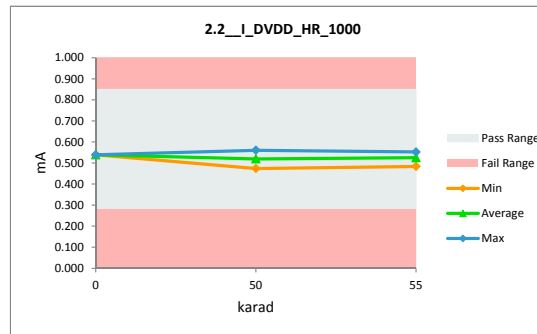
2.1_I_AVSS_HR_1000			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-3.3	mA	
Min Limit	-11	mA	
karad	0	50	55
LL	-11.000	-11.000	-11.000
Min	-4.827	-8.924	-5.758
Average	-4.827	-8.147	-5.363
Max	-4.827	-4.616	-4.512
UL	-3.300	-3.300	-3.300



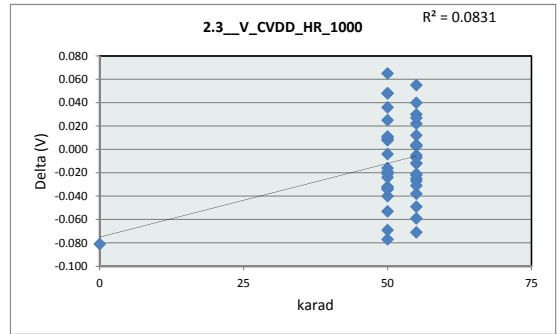
2.2_I_DVDD_HR_1000				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	0.85	0.85		
Min Limit	0.28	0.28		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.740	0.539	0.201
50	AA114B	0.650	0.511	0.139
50	AA115B	0.695	0.527	0.168
50	AA116B	0.689	0.520	0.169
50	AA120B	0.671	0.520	0.151
50	AA121B	0.647	0.518	0.129
50	AA123B	0.642	0.507	0.135
50	AA124B	0.703	0.530	0.173
50	AA189B	0.670	0.499	0.171
50	AA190B	0.627	0.498	0.129
50	BB41B	0.740	0.512	0.228
50	BB38B	0.740	0.526	0.214
50	CC20B	0.651	0.495	0.156
50	CC10B	0.632	0.537	0.095
50	CC15B	0.684	0.533	0.151
50	CC13B	0.593	0.474	0.119
50	CC3B	0.665	0.530	0.135
50	CC16B	0.707	0.561	0.146
50	CC35B	0.700	0.524	0.176
50	CC47B	0.655	0.527	0.128
50	CC54B	0.573	0.538	0.035
50	CC51B	0.609	0.514	0.095
50	CC55B	0.657	0.536	0.121
55	A114B	0.650	0.527	0.123
55	A115B	0.695	0.522	0.173
55	A116B	0.689	0.529	0.160
55	A120B	0.671	0.526	0.145
55	A121B	0.647	0.539	0.108
55	A123B	0.642	0.519	0.123
55	A124B	0.703	0.553	0.150
55	A189B	0.670	0.512	0.158
55	A190B	0.627	0.513	0.114
55	B41B	0.740	0.526	0.214
55	B38B	0.740	0.522	0.218
55	C20B	0.651	0.501	0.150
55	C10B	0.632	0.525	0.107
55	C15B	0.684	0.540	0.144
55	C13B	0.593	0.484	0.109
55	C3B	0.665	0.540	0.125
55	C16B	0.707	0.546	0.161
55	C35B	0.700	0.529	0.171
55	C47B	0.655	0.522	0.133
55	C54B	0.573	0.517	0.056
55	C51B	0.609	0.536	0.073
55	C55B	0.657	0.530	0.127
	Max	0.740	0.561	0.228
	Average	0.665	0.523	0.142
	Min	0.573	0.474	0.035
	Std Dev	0.043	0.017	0.040



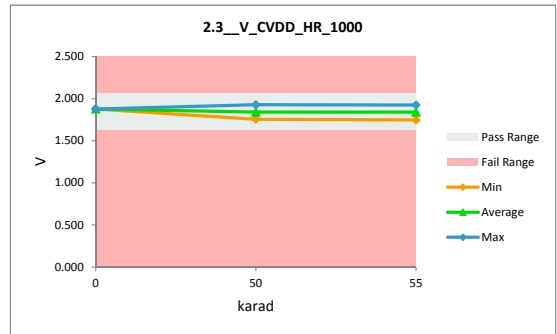
2.2_I_DVDD_HR_1000			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	0.85	mA	
Min Limit	0.28	mA	
karad	0	50	55
LL	0.280	0.280	0.280
Min	0.539	0.474	0.484
Average	0.539	0.520	0.525
Max	0.539	0.561	0.553
UL	0.850	0.850	0.850



2.3_V_CVDD_HR_1000				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	2.062	2.062		
Min Limit	1.623	1.623		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	1.798	1.879	-0.081
50	AA114B	1.820	1.812	0.008
50	AA115B	1.855	1.790	0.065
50	AA116B	1.823	1.813	0.010
50	AA120B	1.875	1.827	0.048
50	AA121B	1.794	1.828	-0.034
50	AA123B	1.816	1.850	-0.034
50	AA124B	1.878	1.870	0.008
50	AA189B	1.837	1.789	0.048
50	AA190B	1.841	1.857	-0.016
50	BB41B	1.850	1.825	0.025
50	BB38B	1.898	1.887	0.011
50	CC20B	1.736	1.757	-0.021
50	CC10B	1.804	1.873	-0.069
50	CC15B	1.876	1.929	-0.053
50	CC13B	1.793	1.757	0.036
50	CC3B	1.865	1.869	-0.004
50	CC16B	1.872	1.912	-0.040
50	CC35B	1.829	1.861	-0.032
50	CC47B	1.813	1.837	-0.024
50	CC54B	1.802	1.821	-0.019
50	CC51B	1.853	1.886	-0.033
50	CC55B	1.794	1.871	-0.077
55	A114B	1.820	1.808	0.012
55	A115B	1.855	1.800	0.055
55	A116B	1.823	1.819	0.004
55	A120B	1.875	1.835	0.040
55	A121B	1.794	1.832	-0.038
55	A123B	1.816	1.838	-0.022
55	A124B	1.878	1.875	0.003
55	A189B	1.837	1.807	0.030
55	A190B	1.841	1.853	-0.012
55	B41B	1.850	1.828	0.022
55	B38B	1.898	1.895	0.003
55	C20B	1.736	1.748	-0.012
55	C10B	1.804	1.863	-0.059
55	C15B	1.876	1.925	-0.049
55	C13B	1.793	1.766	0.027
55	C3B	1.865	1.870	-0.005
55	C16B	1.872	1.899	-0.027
55	C35B	1.829	1.854	-0.025
55	C47B	1.813	1.834	-0.021
55	C54B	1.802	1.809	-0.007
55	C51B	1.853	1.884	-0.031
55	C55B	1.794	1.865	-0.071
Max		1.898	1.929	0.065
Average		1.832	1.842	-0.010
Min		1.736	1.748	-0.081
Std Dev		0.038	0.043	0.036



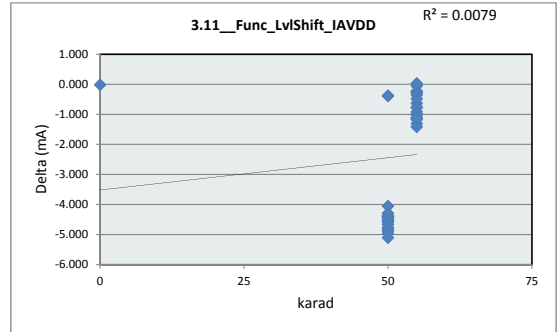
2.3_V_CVDD_HR_1000			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	2.062	V	
Min Limit	1.623	V	
karad	0	50	55
LL	1.623	1.623	1.623
Min	1.879	1.757	1.748
Average	1.879	1.842	1.841
Max	1.879	1.929	1.925
UL	2.062	2.062	2.062



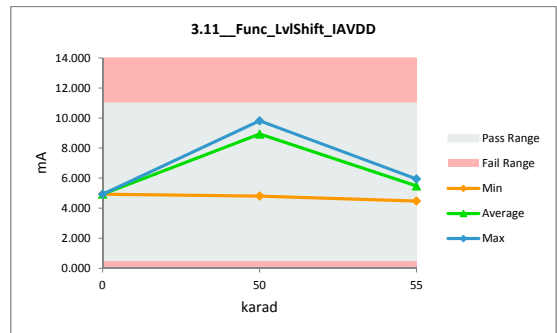
**3.11 Func\_LvlShift\_IAVDD**

Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	mA	mA
Max Limit	11	11
Min Limit	0.5	0.5

karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	4.927	4.939	-0.012
50	AA114B	4.431	4.811	-0.380
50	AA115B	4.843	9.606	-4.763
50	AA116B	4.932	9.319	-4.387
50	AA120B	4.893	9.461	-4.568
50	AA121B	4.601	9.019	-4.418
50	AA123B	4.554	8.921	-4.367
50	AA124B	5.050	9.500	-4.450
50	AA189B	4.804	9.206	-4.402
50	AA190B	4.815	9.221	-4.406
50	BB41B	4.714	9.560	-4.846
50	BB38B	5.021	9.611	-4.590
50	CC20B	4.795	9.456	-4.661
50	CC10B	4.509	9.326	-4.817
50	CC15B	4.729	9.604	-4.875
50	CC13B	4.558	9.076	-4.518
50	CC3B	4.644	5.026	-0.382
50	CC16B	4.812	9.775	-4.963
50	CC35B	4.804	9.295	-4.491
50	CC47B	4.724	9.214	-4.490
50	CC54B	4.717	9.821	-5.104
50	CC51B	4.756	8.808	-4.052
50	CC55B	4.703	8.991	-4.288
55	A114B	4.431	4.482	-0.051
55	A115B	4.843	5.069	-0.226
55	A116B	4.932	5.218	-0.286
55	A120B	4.893	5.524	-0.631
55	A121B	4.601	4.842	-0.241
55	A123B	4.554	5.564	-1.010
55	A124B	5.050	5.326	-0.276
55	A189B	4.804	5.582	-0.778
55	A190B	4.815	5.570	-0.755
55	B41B	4.714	5.068	-0.354
55	B38B	5.021	5.502	-0.481
55	C20B	4.795	5.904	-1.109
55	C10B	4.509	5.926	-1.417
55	C15B	4.729	5.724	-0.995
55	C13B	4.558	5.864	-1.306
55	C3B	4.644	4.609	0.035
55	C16B	4.812	5.952	-1.140
55	C35B	4.804	5.717	-0.913
55	C47B	4.724	5.893	-1.169
55	C54B	4.717	5.735	-1.018
55	C51B	4.756	5.756	-1.000
55	C55B	4.703	5.843	-1.140
	Max	5.050	9.821	0.035
	Average	4.750	7.161	-2.411
	Min	4.431	4.482	-5.104
	Std Dev	0.155	2.007	1.990



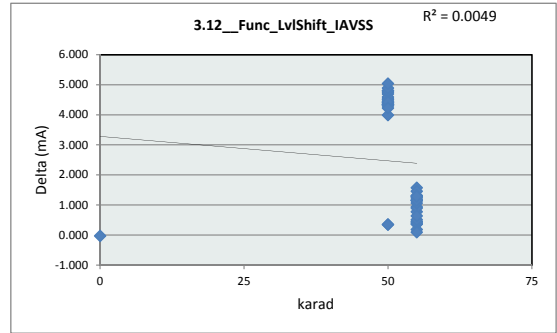
3.11_Func_LvlShift_IAVDD			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	11	mA	
Min Limit	0.5	mA	
karad	0	50	55
LL	0.500	0.500	0.500
Min	4.939	4.811	4.482
Average	4.939	8.938	5.485
Max	4.939	9.821	5.952
UL	11.000	11.000	11.000



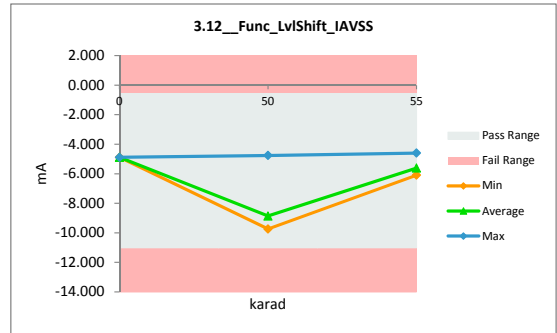
**3.12 Func\_LvlShift\_IJVSS**

Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	mA	mA
Max Limit	-0.5	-0.5
Min Limit	-11	-11

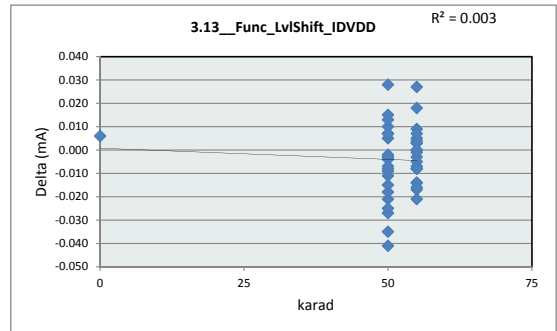
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-4.912	-4.882	-0.030
50	AA114B	-4.413	-4.759	0.346
50	AA115B	-4.828	-9.522	4.694
50	AA116B	-4.909	-9.232	4.323
50	AA120B	-4.874	-9.376	4.502
50	AA121B	-4.584	-8.938	4.354
50	AA123B	-4.540	-8.839	4.299
50	AA124B	-5.029	-9.416	4.387
50	AA189B	-4.786	-9.120	4.334
50	AA190B	-4.798	-9.139	4.341
50	BB41B	-4.684	-9.477	4.793
50	BB38B	-4.996	-9.523	4.527
50	CC20B	-4.778	-9.371	4.593
50	CC10B	-4.490	-9.242	4.752
50	CC15B	-4.712	-9.518	4.806
50	CC13B	-4.543	-8.993	4.450
50	CC3B	-4.628	-4.977	0.349
50	CC16B	-4.797	-9.689	4.892
50	CC35B	-4.788	-9.206	4.418
50	CC47B	-4.711	-9.131	4.420
50	CC54B	-4.698	-9.735	5.037
50	CC51B	-4.741	-8.729	3.988
50	CC55B	-4.687	-8.912	4.225
55	A114B	-4.413	-4.596	0.183
55	A115B	-4.828	-5.188	0.360
55	A116B	-4.909	-5.359	0.450
55	A120B	-4.874	-5.650	0.776
55	A121B	-4.584	-4.956	0.372
55	A123B	-4.540	-5.686	1.146
55	A124B	-5.029	-5.451	0.422
55	A189B	-4.786	-5.718	0.932
55	A190B	-4.798	-5.695	0.897
55	B41B	-4.684	-5.193	0.509
55	B38B	-4.996	-5.632	0.636
55	C20B	-4.778	-6.032	1.254
55	C10B	-4.490	-6.060	1.570
55	C15B	-4.712	-5.856	1.144
55	C13B	-4.543	-5.997	1.454
55	C3B	-4.628	-4.718	0.090
55	C16B	-4.797	-6.091	1.294
55	C35B	-4.788	-5.851	1.063
55	C47B	-4.711	-6.024	1.313
55	C54B	-4.698	-5.890	1.192
55	C51B	-4.741	-5.890	1.149
55	C55B	-4.687	-5.973	1.286
	Max	-4.413	-4.596	5.037
	Average	-4.732	-7.183	2.451
	Min	-5.029	-9.735	-0.030
	Std Dev	0.154	1.917	1.899



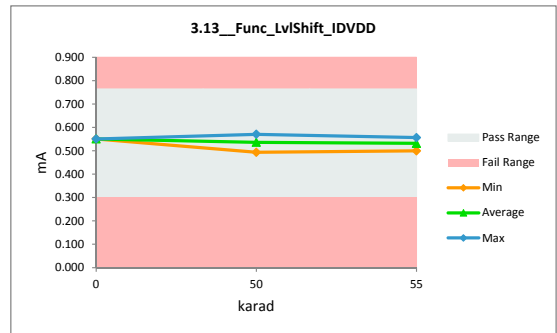
3.12_Func_LvlShift_IJVSS			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	-0.5 mA		
Min Limit	-11 mA		
karad	0	50	55
LL	-11.000	-11.000	-11.000
Min	-4.882	-9.735	-6.091
Average	-4.882	-8.857	-5.614
Max	-4.882	-4.759	-4.596
UL	-0.500	-0.500	-0.500



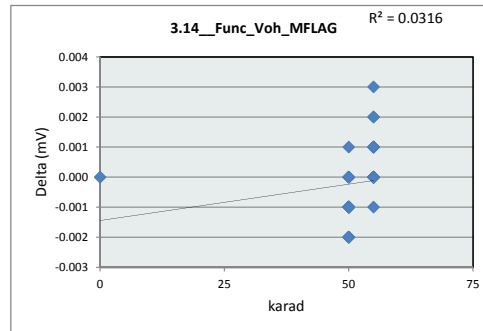
3.13_Func_LvlShift_IDVDD				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.557	0.551	0.006
50	AA114B	0.525	0.515	0.010
50	AA115B	0.541	0.536	0.005
50	AA116B	0.530	0.533	-0.003
50	AA120B	0.542	0.535	0.007
50	AA121B	0.523	0.534	-0.011
50	AA123B	0.523	0.531	-0.008
50	AA124B	0.549	0.552	-0.003
50	AA189B	0.526	0.519	0.007
50	AA190B	0.524	0.526	-0.002
50	BB41B	0.564	0.536	0.028
50	BB38B	0.563	0.548	0.015
50	CC20B	0.505	0.514	-0.009
50	CC10B	0.508	0.549	-0.041
50	CC15B	0.539	0.560	-0.021
50	CC13B	0.507	0.494	0.013
50	CC3B	0.541	0.545	-0.004
50	CC16B	0.544	0.571	-0.027
50	CC35B	0.537	0.544	-0.007
50	CC47B	0.519	0.537	-0.018
50	CC54B	0.513	0.538	-0.025
50	CC51B	0.524	0.539	-0.015
50	CC55B	0.517	0.552	-0.035
55	A114B	0.525	0.526	-0.001
55	A115B	0.541	0.523	0.018
55	A116B	0.530	0.530	0.000
55	A120B	0.542	0.537	0.005
55	A121B	0.523	0.540	-0.017
55	A123B	0.523	0.526	-0.003
55	A124B	0.549	0.557	-0.008
55	A189B	0.526	0.522	0.004
55	A190B	0.524	0.521	0.003
55	B41B	0.564	0.537	0.027
55	B38B	0.563	0.554	0.009
55	C20B	0.505	0.502	0.003
55	C10B	0.508	0.529	-0.021
55	C15B	0.539	0.553	-0.014
55	C13B	0.507	0.500	0.007
55	C3B	0.541	0.546	-0.005
55	C16B	0.544	0.552	-0.008
55	C35B	0.537	0.537	0.000
55	C47B	0.519	0.533	-0.014
55	C54B	0.513	0.520	-0.007
55	C51B	0.524	0.532	-0.008
55	C55B	0.517	0.533	-0.016
	Max	0.564	0.571	0.028
	Average	0.531	0.535	-0.004
	Min	0.505	0.494	-0.041
	Std Dev	0.017	0.016	0.014



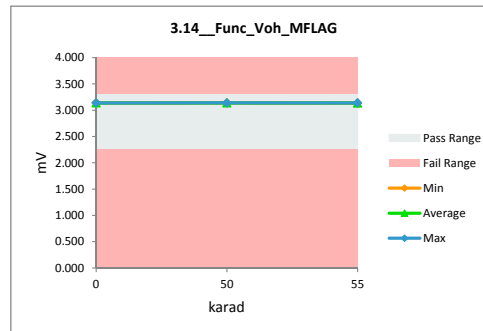
3.13_Func_LvlShift_IDVDD			
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.551	0.494	0.500
Average	0.551	0.537	0.532
Max	0.551	0.571	0.557
UL	0.765	0.765	0.765



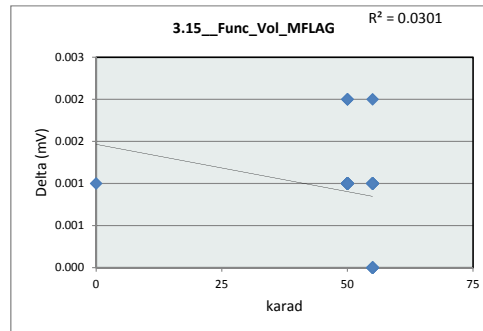
3.14 Func_Voh_MFLAG				
Test Site	CLAB		CLAB	
Tester	EAGLE3		EAGLE3	
Test Number	EF651300		EF651300	
Unit	mV		mV	
Max Limit	3.3		3.3	
Min Limit	2.25		2.25	
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	3.140	3.140	0.000
50	AA114B	3.140	3.140	0.000
50	AA115B	3.140	3.140	0.000
50	AA116B	3.139	3.140	-0.001
50	AA120B	3.140	3.140	0.000
50	AA121B	3.139	3.141	-0.002
50	AA123B	3.138	3.140	-0.002
50	AA124B	3.139	3.140	-0.001
50	AA189B	3.138	3.140	-0.002
50	AA190B	3.139	3.140	-0.001
50	BB41B	3.139	3.139	0.000
50	BB38B	3.139	3.141	-0.002
50	CC20B	3.139	3.140	-0.001
50	CC10B	3.139	3.140	-0.001
50	CC15B	3.140	3.141	-0.001
50	CC13B	3.139	3.140	-0.001
50	CC3B	3.139	3.140	-0.001
50	CC16B	3.139	3.140	-0.001
50	CC35B	3.139	3.140	-0.001
50	CC47B	3.139	3.140	-0.001
50	CC54B	3.140	3.139	0.001
50	CC51B	3.139	3.140	-0.001
50	CC55B	3.139	3.141	-0.002
55	A114B	3.140	3.137	0.003
55	A115B	3.140	3.139	0.001
55	A116B	3.139	3.138	0.001
55	A120B	3.140	3.138	0.002
55	A121B	3.139	3.139	0.000
55	A123B	3.138	3.139	-0.001
55	A124B	3.139	3.138	0.001
55	A189B	3.138	3.138	0.000
55	A190B	3.139	3.138	0.001
55	B41B	3.139	3.138	0.001
55	B38B	3.139	3.139	0.000
55	C20B	3.139	3.139	0.000
55	C10B	3.139	3.139	0.000
55	C15B	3.140	3.140	0.000
55	C13B	3.139	3.138	0.001
55	C3B	3.139	3.139	0.000
55	C16B	3.139	3.139	0.000
55	C35B	3.139	3.139	0.000
55	C47B	3.139	3.139	0.000
55	C54B	3.140	3.138	0.002
55	C51B	3.139	3.139	0.000
55	C55B	3.139	3.139	0.000
Max		3.140	3.141	0.003
Average		3.139	3.139	0.000
Min		3.138	3.137	-0.002
Std Dev		0.001	0.001	0.001



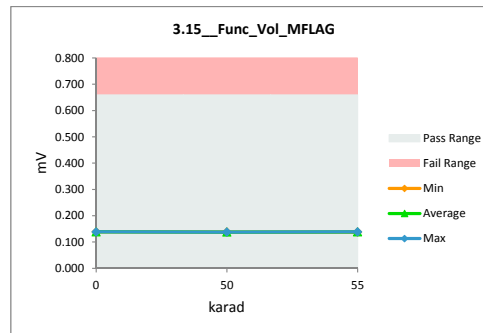
3.14 Func_Voh_MFLAG			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	3.3 mV		
Min Limit	2.25 mV		
karad	0	50	55
LL	2.250	2.250	2.250
Min	3.140	3.139	3.137
Average	3.140	3.140	3.139
Max	3.140	3.141	3.140
UL	3.300	3.300	3.300



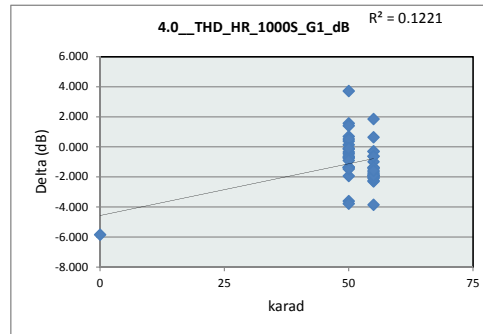
3.15_Func_Vol_MFLAG				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mV	mV		
Max Limit	0.66	0.66		
Min Limit	0	0		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.140	0.139	0.001
50	AA114B	0.140	0.138	0.002
50	AA115B	0.139	0.138	0.001
50	AA116B	0.139	0.138	0.001
50	AA120B	0.139	0.138	0.001
50	AA121B	0.139	0.138	0.001
50	AA123B	0.139	0.138	0.001
50	AA124B	0.139	0.138	0.001
50	AA189B	0.139	0.138	0.001
50	AA190B	0.139	0.138	0.001
50	BB41B	0.139	0.138	0.001
50	BB38B	0.139	0.138	0.001
50	CC20B	0.139	0.138	0.001
50	CC10B	0.140	0.138	0.002
50	CC15B	0.139	0.138	0.001
50	CC13B	0.139	0.138	0.001
50	CC3B	0.139	0.138	0.001
50	CC16B	0.139	0.138	0.001
50	CC35B	0.139	0.138	0.001
50	CC47B	0.139	0.138	0.001
50	CC54B	0.139	0.138	0.001
50	CC51B	0.140	0.138	0.002
50	CC55B	0.139	0.138	0.001
55	A114B	0.140	0.139	0.001
55	A115B	0.139	0.139	0.000
55	A116B	0.139	0.139	0.000
55	A120B	0.139	0.138	0.001
55	A121B	0.139	0.139	0.000
55	A123B	0.139	0.139	0.000
55	A124B	0.139	0.139	0.000
55	A189B	0.139	0.139	0.000
55	A190B	0.139	0.138	0.001
55	B41B	0.139	0.138	0.001
55	B38B	0.139	0.138	0.001
55	C20B	0.139	0.139	0.000
55	C10B	0.140	0.139	0.001
55	C15B	0.139	0.138	0.001
55	C13B	0.139	0.139	0.000
55	C3B	0.139	0.138	0.001
55	C16B	0.139	0.138	0.001
55	C35B	0.139	0.139	0.000
55	C47B	0.139	0.138	0.001
55	C54B	0.139	0.138	0.001
55	C51B	0.140	0.138	0.002
55	C55B	0.139	0.138	0.001
	Max	0.140	0.139	0.002
	Average	0.139	0.138	0.001
	Min	0.139	0.138	0.000
	Std Dev	0.000	0.000	0.001



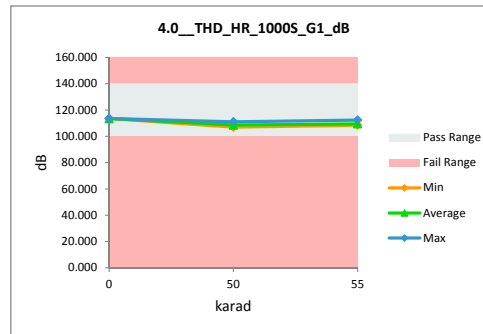
3.15_Func_Vol_MFLAG			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	0.66	mV	
Min Limit	0	mV	
karad	0	50	55
LL	0.000	0.000	0.000
Min	0.139	0.138	0.138
Average	0.139	0.138	0.139
Max	0.139	0.138	0.139
UL	0.660	0.660	0.660



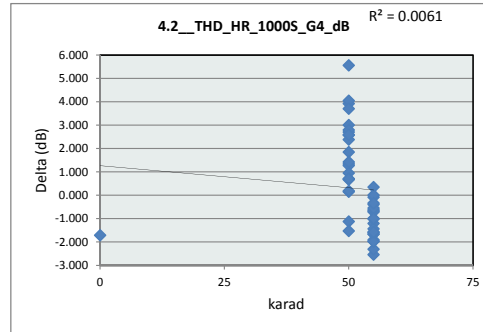
4.0_THD_HR_1000S_G1_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	100	100		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	107.763	113.611	-5.848
50	AA114B	109.191	111.129	-1.938
50	AA115B	109.536	107.968	1.568
50	AA116B	109.584	110.940	-1.356
50	AA120B	108.817	109.564	-0.747
50	AA121B	108.639	107.946	0.693
50	AA123B	108.646	108.505	0.141
50	AA124B	108.601	108.218	0.383
50	AA189B	108.886	109.233	-0.347
50	AA190B	108.777	108.260	0.517
50	BB41B	111.185	107.464	3.721
50	BB38B	110.412	109.005	1.407
50	CC20B	107.243	107.390	-0.147
50	CC10B	106.663	107.118	-0.455
50	CC15B	106.784	107.415	-0.631
50	CC13B	107.008	107.714	-0.706
50	CC3B	107.027	110.636	-3.609
50	CC16B	107.183	108.537	-1.354
50	CC35B	107.065	110.846	-3.781
50	CC47B	106.954	108.342	-1.388
50	CC54B	107.134	108.038	-0.904
50	CC51B	107.208	108.675	-1.467
50	CC55B	106.978	107.076	-0.098
55	A114B	109.191	109.497	-0.306
55	A115B	109.536	109.835	-0.299
55	A116B	109.584	110.209	-0.625
55	A120B	108.817	110.190	-1.373
55	A121B	108.639	110.087	-1.448
55	A123B	108.646	109.638	-0.992
55	A124B	108.601	112.453	-3.852
55	A189B	108.886	110.263	-1.377
55	A190B	108.777	109.402	-0.625
55	B41B	111.185	109.338	1.847
55	B38B	110.412	109.770	0.642
55	C20B	107.243	109.198	-1.955
55	C10B	106.663	108.962	-2.299
55	C15B	106.784	108.705	-1.921
55	C13B	107.008	109.259	-2.251
55	C3B	107.027	108.782	-1.755
55	C16B	107.183	109.242	-2.059
55	C35B	107.065	108.905	-1.840
55	C47B	106.954	109.033	-2.079
55	C54B	107.134	108.798	-1.664
55	C51B	107.208	109.131	-1.923
55	C55B	106.978	108.568	-1.590
	Max	111.185	113.611	3.721
	Average	108.151	109.175	-1.024
	Min	106.663	107.076	-5.848
	Std Dev	1.276	1.319	1.624



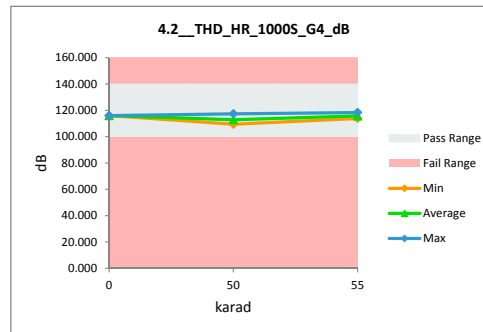
4.0_THD_HR_1000S_G1_dB			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	140	dB	
Min Limit	100	dB	
karad	0	50	55
LL	100.000	100.000	100.000
Min	113.611	107.076	108.568
Average	113.611	108.637	109.512
Max	113.611	111.129	112.453
UL	140.000	140.000	140.000



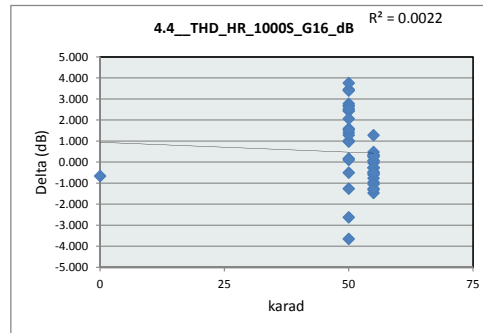
4.2_THD_HR_1000S_G4_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	100	100		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	114.325	116.038	-1.713
50	AA114B	113.892	113.740	0.152
50	AA115B	115.758	113.913	1.845
50	AA116B	116.364	117.491	-1.127
50	AA120B	115.428	114.084	1.344
50	AA121B	114.519	113.247	1.272
50	AA123B	114.156	113.203	0.953
50	AA124B	115.553	112.849	2.704
50	AA189B	116.137	115.468	0.669
50	AA190B	115.710	111.786	3.924
50	BB41B	115.036	109.476	5.560
50	BB38B	116.267	115.570	0.697
50	CC20B	114.549	110.505	4.044
50	CC10B	113.005	110.431	2.574
50	CC15B	113.523	110.516	3.007
50	CC13B	113.471	110.680	2.791
50	CC3B	115.368	115.182	0.186
50	CC16B	114.822	113.397	1.425
50	CC35B	113.873	115.400	-1.527
50	CC47B	113.753	113.047	0.706
50	CC54B	114.579	110.878	3.701
50	CC51B	114.532	112.153	2.379
50	CC55B	113.595	111.008	2.587
55	A114B	113.892	115.101	-1.209
55	A115B	115.758	116.430	-0.672
55	A116B	116.364	117.378	-1.014
55	A120B	115.428	117.093	-1.665
55	A121B	114.519	115.961	-1.442
55	A123B	114.156	114.872	-0.716
55	A124B	115.553	118.091	-2.538
55	A189B	116.137	118.448	-2.311
55	A190B	115.710	116.337	-0.627
55	B41B	115.036	115.424	-0.388
55	B38B	116.267	115.917	0.350
55	C20B	114.549	116.133	-1.584
55	C10B	113.005	114.665	-1.660
55	C15B	113.523	115.496	-1.973
55	C13B	113.471	115.379	-1.908
55	C3B	115.368	115.453	-0.085
55	C16B	114.822	114.817	0.005
55	C35B	113.873	115.846	-1.973
55	C47B	113.753	115.326	-1.573
55	C54B	114.579	115.130	-0.551
55	C51B	114.532	115.523	-0.991
55	C55B	113.595	113.930	-0.335
	Max	116.364	118.448	5.560
	Average	114.713	114.418	0.295
	Min	113.005	109.476	-2.538
	Std Dev	0.976	2.221	1.992



4.2_THD_HR_1000S_G4_dB			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	140	dB	
Min Limit	100	dB	
karad	0	50	55
LL	100.000	100.000	100.000
Min	116.038	109.476	113.930
Average	116.038	112.910	115.852
Max	116.038	117.491	118.448
UL	140.000	140.000	140.000



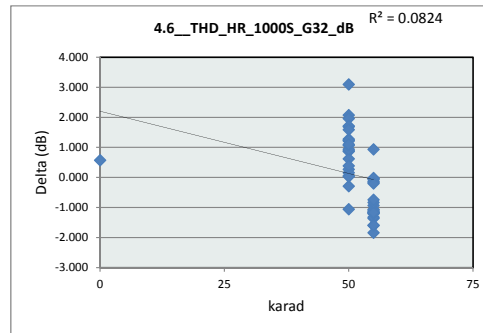
4.4_THD_HR_1000S_G16_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	96	96		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	107.806	108.473	-0.667
50	AA114B	106.994	107.500	-0.506
50	AA115B	109.295	108.282	1.013
50	AA116B	108.798	107.825	0.973
50	AA120B	108.309	111.960	-3.651
50	AA121B	108.091	107.928	0.163
50	AA123B	108.671	107.267	1.404
50	AA124B	108.845	106.397	2.448
50	AA189B	110.238	107.460	2.778
50	AA190B	109.058	107.467	1.591
50	BB41B	108.477	105.797	2.680
50	BB38B	108.926	108.820	0.106
50	CC20B	107.375	103.924	3.451
50	CC10B	108.484	105.082	3.402
50	CC15B	106.775	104.345	2.430
50	CC13B	108.142	105.475	2.667
50	CC3B	109.053	111.680	-2.627
50	CC16B	108.357	107.072	1.285
50	CC35B	107.950	109.214	-1.264
50	CC47B	107.941	105.882	2.059
50	CC54B	108.592	106.053	2.539
50	CC51B	107.740	106.214	1.526
50	CC55B	108.411	104.655	3.756
55	A114B	106.994	107.951	-0.957
55	A115B	109.295	109.565	-0.270
55	A116B	108.798	108.548	0.250
55	A120B	108.309	109.080	-0.771
55	A121B	108.091	109.560	-1.469
55	A123B	108.671	108.325	0.346
55	A124B	108.845	109.119	-0.274
55	A189B	110.238	110.274	-0.036
55	A190B	109.058	108.991	0.067
55	B41B	108.477	109.791	-1.314
55	B38B	108.926	108.449	0.477
55	C20B	107.375	107.912	-0.537
55	C10B	108.484	108.171	0.313
55	C15B	106.775	107.830	-1.055
55	C13B	108.142	108.746	-0.604
55	C3B	109.053	108.988	0.065
55	C16B	108.357	108.047	0.310
55	C35B	107.950	108.211	-0.261
55	C47B	107.941	109.203	-1.262
55	C54B	108.592	109.058	-0.466
55	C51B	107.740	108.248	-0.508
55	C55B	108.411	107.136	1.275
	Max	110.238	111.960	3.756
	Average	108.374	107.911	0.464
	Min	106.775	103.924	-3.651
	Std Dev	0.758	1.724	1.632



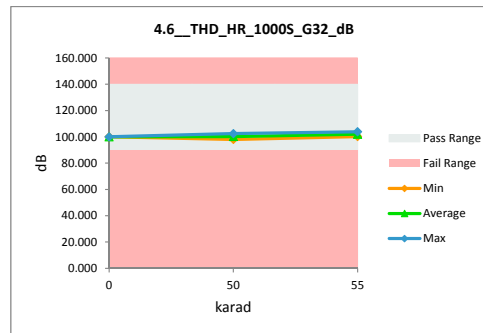
4.4_THD_HR_1000S_G16_dB			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	140	dB	
Min Limit	96	dB	
karad	0	50	55
LL	96.000	96.000	96.000
Min	108.473	103.924	107.136
Average	108.473	107.105	108.691
Max	108.473	111.960	110.274
UL	140.000	140.000	140.000



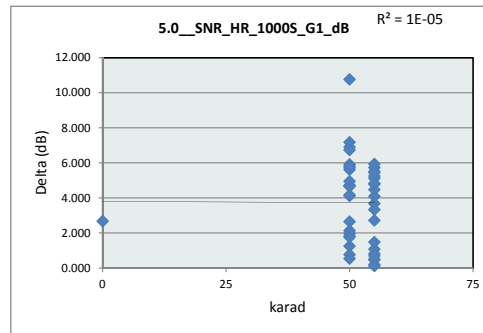
4.6_THD_HR_1000S_G32_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	90	90		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	100.689	100.116	0.573
50	AA114B	99.198	100.252	-1.054
50	AA115B	101.848	100.958	0.890
50	AA116B	101.671	100.805	0.866
50	AA120B	102.798	102.529	0.269
50	AA121B	100.590	100.431	0.159
50	AA123B	100.977	100.358	0.619
50	AA124B	101.809	100.590	1.219
50	AA189B	101.942	101.554	0.388
50	AA190B	102.470	100.393	2.077
50	BB41B	101.643	99.951	1.692
50	BB38B	102.049	101.994	0.055
50	CC20B	100.449	98.485	1.964
50	CC10B	100.434	99.157	1.277
50	CC15B	99.890	98.652	1.238
50	CC13B	100.733	99.018	1.715
50	CC3B	101.247	101.536	-0.289
50	CC16B	101.657	100.717	0.940
50	CC35B	100.830	100.799	0.031
50	CC47B	100.658	99.588	1.070
50	CC54B	101.517	99.929	1.588
50	CC51B	100.876	99.778	1.098
50	CC55B	101.181	98.081	3.100
55	A114B	99.198	100.559	-1.361
55	A115B	101.848	103.052	-1.204
55	A116B	101.671	101.728	-0.057
55	A120B	102.798	103.934	-1.136
55	A121B	100.590	100.714	-0.124
55	A123B	100.977	102.297	-1.320
55	A124B	101.809	103.406	-1.597
55	A189B	101.942	103.782	-1.840
55	A190B	102.470	102.516	-0.046
55	B41B	101.643	102.704	-1.061
55	B38B	102.049	103.211	-1.162
55	C20B	100.449	101.639	-1.190
55	C10B	100.434	101.368	-0.934
55	C15B	99.890	101.480	-1.590
55	C13B	100.733	101.823	-1.090
55	C3B	101.247	102.409	-1.162
55	C16B	101.657	101.818	-0.161
55	C35B	100.830	101.661	-0.831
55	C47B	100.658	101.399	-0.741
55	C54B	101.517	101.534	-0.017
55	C51B	100.876	101.077	-0.201
55	C55B	101.181	100.244	0.937
	Max	102.798	103.934	3.100
	Average	101.192	101.112	0.080
	Min	99.198	98.081	-1.840
	Std Dev	0.830	1.382	1.184



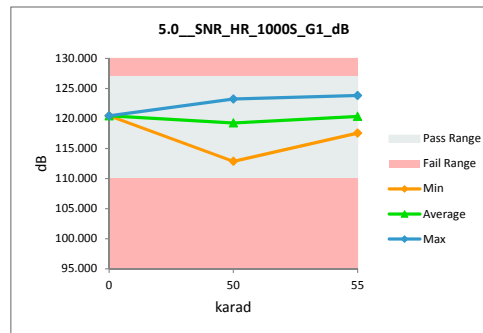
4.6_THD_HR_1000S_G32_dB			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	140	dB	
Min Limit	90	dB	
karad	0	50	55
LL	90.000	90.000	90.000
Min	100.116	98.081	100.244
Average	100.116	100.253	102.016
Max	100.116	102.529	103.934
UL	140.000	140.000	140.000



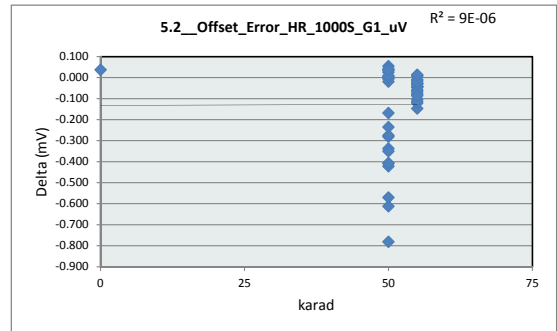
5.0_SNR_HR_1000S_G1_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	127	127		
Min Limit	110	110		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	123.139	120.463	2.676
50	AA114B	124.106	118.495	5.611
50	AA115B	123.767	121.634	2.133
50	AA116B	123.347	117.434	5.913
50	AA120B	123.140	117.324	5.816
50	AA121B	123.604	120.958	2.646
50	AA123B	122.670	117.961	4.709
50	AA124B	123.322	116.142	7.180
50	AA189B	124.032	122.212	1.820
50	AA190B	123.649	112.889	10.760
50	BB41B	123.719	117.998	5.721
50	BB38B	123.520	118.822	4.698
50	CC20B	123.566	116.662	6.904
50	CC10B	123.147	121.892	1.255
50	CC15B	123.624	118.676	4.948
50	CC13B	123.637	119.518	4.119
50	CC3B	123.698	119.041	4.657
50	CC16B	123.728	121.762	1.966
50	CC35B	124.034	117.295	6.739
50	CC47B	123.431	122.663	0.768
50	CC54B	123.797	123.257	0.540
50	CC51B	123.628	119.468	4.160
50	CC55B	123.898	122.136	1.762
55	A114B	124.106	123.029	1.077
55	A115B	123.767	123.272	0.495
55	A116B	123.347	122.536	0.811
55	A120B	123.140	119.462	3.678
55	A121B	123.604	123.140	0.464
55	A123B	122.670	119.946	2.724
55	A124B	123.322	119.989	3.333
55	A189B	124.032	123.839	0.193
55	A190B	123.649	117.917	5.732
55	B41B	123.719	123.598	0.121
55	B38B	123.520	117.587	5.933
55	C20B	123.566	122.868	0.698
55	C10B	123.147	118.323	4.824
55	C15B	123.624	118.818	4.806
55	C13B	123.637	122.154	1.483
55	C3B	123.698	119.606	4.092
55	C16B	123.728	118.608	5.120
55	C35B	124.034	118.781	5.253
55	C47B	123.431	117.930	5.501
55	C54B	123.797	119.322	4.475
55	C51B	123.628	118.830	4.798
55	C55B	123.898	118.447	5.451
Max		124.106	123.839	10.760
Average		123.584	119.838	3.746
Min		122.670	112.889	0.121
Std Dev		0.330	2.396	2.351



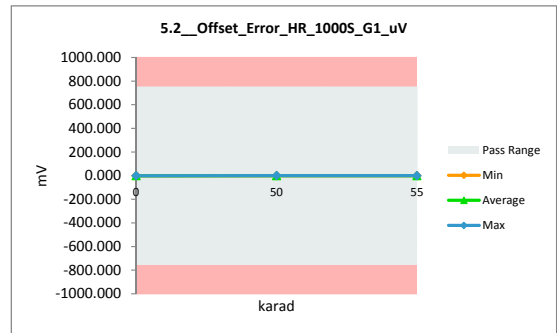
5.0_SNR_HR_1000S_G1_dB			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	127	dB	
Min Limit	110	dB	
karad	0	50	55
LL	110.000	110.000	110.000
Min	120.463	112.889	117.587
Average	120.463	119.284	120.364
Max	120.463	123.257	123.839
UL	127.000	127.000	127.000



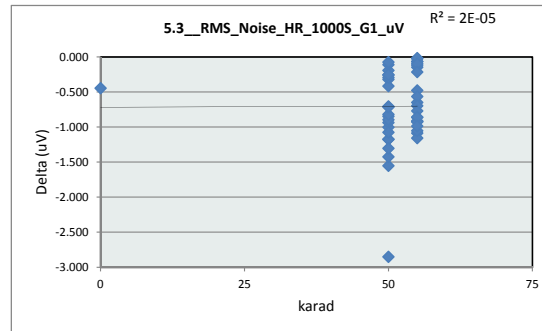
5.2_Offset_Error_HR_1000S_G1_uV				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mV	mV		
Max Limit	750	750		
Min Limit	-750	-750		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.034	-0.071	0.037
50	AA114B	-0.009	-0.016	0.007
50	AA115B	-0.031	-0.012	-0.019
50	AA116B	-0.045	-0.100	0.055
50	AA120B	-0.041	-0.083	0.042
50	AA121B	-0.026	0.255	-0.281
50	AA123B	-0.008	0.399	-0.407
50	AA124B	-0.043	0.294	-0.337
50	AA189B	-0.019	0.256	-0.275
50	AA190B	-0.027	0.585	-0.612
50	BB41B	-0.026	0.544	-0.570
50	BB38B	-0.030	0.392	-0.422
50	CC20B	-0.034	0.201	-0.235
50	CC10B	-0.014	-0.048	0.034
50	CC15B	-0.037	0.744	-0.781
50	CC13B	-0.017	0.391	-0.408
50	CC3B	-0.028	-0.054	0.026
50	CC16B	-0.027	-0.026	-0.001
50	CC35B	-0.030	0.320	-0.350
50	CC47B	-0.036	-0.030	-0.006
50	CC54B	-0.005	-0.013	0.008
50	CC51B	-0.018	0.150	-0.168
50	CC55B	-0.027	-0.064	0.037
55	A114B	-0.009	0.034	-0.043
55	A115B	-0.031	0.015	-0.046
55	A116B	-0.045	-0.016	-0.029
55	A120B	-0.041	-0.013	-0.028
55	A121B	-0.026	0.018	-0.044
55	A123B	-0.008	0.095	-0.103
55	A124B	-0.043	-0.002	-0.041
55	A189B	-0.019	0.054	-0.073
55	A190B	-0.027	0.120	-0.147
55	B41B	-0.026	0.055	-0.081
55	B38B	-0.030	0.028	-0.058
55	C20B	-0.034	0.030	-0.064
55	C10B	-0.014	-0.022	0.008
55	C15B	-0.037	0.084	-0.121
55	C13B	-0.017	0.096	-0.113
55	C3B	-0.028	0.002	-0.030
55	C16B	-0.027	-0.018	-0.009
55	C35B	-0.030	0.056	-0.086
55	C47B	-0.036	-0.023	-0.013
55	C54B	-0.005	0.016	-0.021
55	C51B	-0.018	-0.027	0.009
55	C55B	-0.027	-0.041	0.014
Max		-0.005	0.744	0.055
Average		-0.026	0.101	-0.128
Min		-0.045	-0.100	-0.781
Std Dev		0.011	0.195	0.195



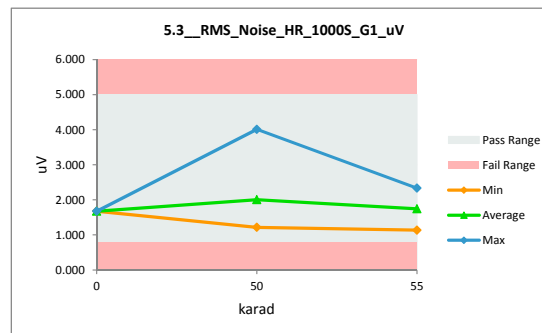
5.2_Offset_Error_HR_1000S			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	750	mV	
Min Limit	-750	mV	
karad	0	50	55
LL	-750.000	-750.000	-750.000
Min	-0.071	-0.100	-0.041
Average	-0.071	0.186	0.025
Max	-0.071	0.744	0.120
UL	750.000	750.000	750.000



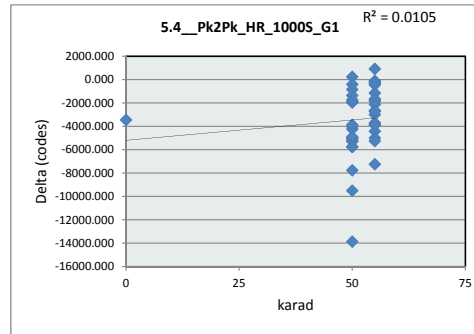
5.3_RMS_Noise_HR_1000S_G1_uV				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	5	5		
Min Limit	0.79	0.79		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	1.233	1.678	-0.445
50	AA114B	1.103	2.105	-1.002
50	AA115B	1.147	1.467	-0.320
50	AA116B	1.204	2.379	-1.175
50	AA120B	1.233	2.409	-1.176
50	AA121B	1.169	1.585	-0.416
50	AA123B	1.302	2.239	-0.937
50	AA124B	1.208	2.760	-1.552
50	AA189B	1.113	1.372	-0.259
50	AA190B	1.163	4.014	-2.851
50	BB41B	1.154	2.229	-1.075
50	BB38B	1.180	2.027	-0.847
50	CC20B	1.174	2.600	-1.426
50	CC10B	1.232	1.424	-0.192
50	CC15B	1.166	2.062	-0.896
50	CC13B	1.165	1.871	-0.706
50	CC3B	1.156	1.977	-0.821
50	CC16B	1.152	1.445	-0.293
50	CC35B	1.113	2.417	-1.304
50	CC47B	1.193	1.303	-0.110
50	CC54B	1.143	1.217	-0.074
50	CC51B	1.166	1.882	-0.716
50	CC55B	1.130	1.384	-0.254
55	A114B	1.103	1.249	-0.146
55	A115B	1.147	1.215	-0.068
55	A116B	1.204	1.322	-0.118
55	A120B	1.233	1.883	-0.650
55	A121B	1.169	1.233	-0.064
55	A123B	1.302	1.781	-0.479
55	A124B	1.208	1.772	-0.564
55	A189B	1.113	1.138	-0.025
55	A190B	1.163	2.250	-1.087
55	B41B	1.154	1.170	-0.016
55	B38B	1.180	2.337	-1.157
55	C20B	1.174	1.272	-0.098
55	C10B	1.232	2.147	-0.915
55	C15B	1.166	2.028	-0.862
55	C13B	1.165	1.381	-0.216
55	C3B	1.156	1.852	-0.696
55	C16B	1.152	2.078	-0.926
55	C35B	1.113	2.037	-0.924
55	C47B	1.193	2.246	-1.053
55	C54B	1.143	1.914	-0.771
55	C51B	1.166	2.025	-0.859
55	C55B	1.130	2.117	-0.987
	Max	1.302	4.014	-0.016
	Average	1.173	1.873	-0.701
	Min	1.103	1.138	-2.851
	Std Dev	0.045	0.543	0.538



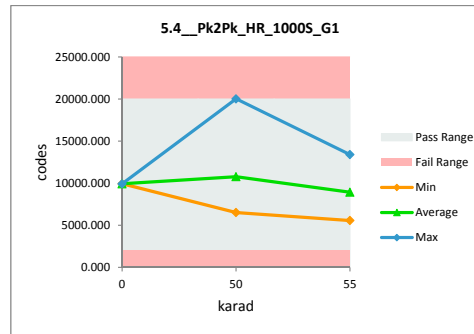
5.3_RMS_Noise_HR_1000S_G1_uV			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	5	uV	
Min Limit	0.79	uV	
karad	0	50	55
LL	0.790	0.790	0.790
Min	1.678	1.217	1.138
Average	1.678	2.008	1.748
Max	1.678	4.014	2.337
UL	5.000	5.000	5.000



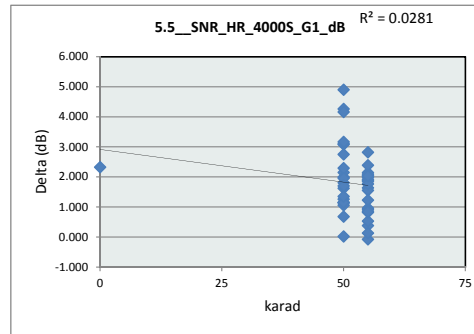
5.4_Pk2Pk_HR_1000S_G1				
Test Site	CLAB		CLAB	
Tester	EAGLE3		EAGLE3	
Test Number	EF651300		EF651300	
Unit	codes		codes	
Max Limit	20000		20000	
Min Limit	2000		2000	
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	6497.000	9934.000	-3437.000
50	AA114B	6706.000	10940.000	-4234.000
50	AA115B	6906.000	7740.000	-834.000
50	AA116B	6282.000	11347.000	-5065.000
50	AA120B	7097.000	12347.000	-5250.000
50	AA121B	6542.000	8490.000	-1948.000
50	AA123B	6094.000	11378.000	-5284.000
50	AA124B	7322.000	13078.000	-5756.000
50	AA189B	6172.000	7517.000	-1345.000
50	AA190B	6166.000	20033.000	-13867.000
50	BB41B	6491.000	11488.000	-4997.000
50	BB38B	5865.000	13627.000	-7762.000
50	CC20B	7176.000	12194.000	-5018.000
50	CC10B	6229.000	8115.000	-1886.000
50	CC15B	6165.000	11908.000	-5743.000
50	CC13B	6050.000	10948.000	-4898.000
50	CC3B	6507.000	10519.000	-4012.000
50	CC16B	7808.000	7565.000	243.000
50	CC35B	6466.000	15964.000	-9498.000
50	CC47B	6331.000	8224.000	-1893.000
50	CC54B	6114.000	6517.000	-403.000
50	CC51B	5945.000	9809.000	-3864.000
50	CC55B	5689.000	7424.000	-1735.000
55	A114B	6706.000	7152.000	-446.000
55	A115B	6906.000	7003.000	-97.000
55	A116B	6282.000	7428.000	-1146.000
55	A120B	7097.000	8935.000	-1838.000
55	A121B	6542.000	6801.000	-259.000
55	A123B	6094.000	10513.000	-4419.000
55	A124B	7322.000	9071.000	-1749.000
55	A189B	6172.000	6361.000	-189.000
55	A190B	6166.000	13408.000	-7242.000
55	B41B	6491.000	5570.000	921.000
55	B38B	5865.000	10859.000	-4994.000
55	C20B	7176.000	7500.000	-324.000
55	C10B	6229.000	10049.000	-3820.000
55	C15B	6165.000	10037.000	-3872.000
55	C13B	6050.000	7698.000	-1648.000
55	C3B	6507.000	9499.000	-2992.000
55	C16B	7808.000	9917.000	-2109.000
55	C35B	6466.000	9121.000	-2655.000
55	C47B	6331.000	10022.000	-3691.000
55	C54B	6114.000	8819.000	-2705.000
55	C51B	5945.000	9796.000	-3851.000
55	C55B	5689.000	10939.000	-5250.000
Max		7808.000	20033.000	921.000
Average		6460.956	9857.867	-3396.911
Min		5689.000	5570.000	-13867.000
Std Dev		510.888	2701.909	2797.485



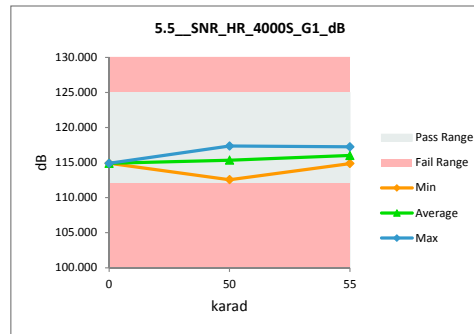
5.4_Pk2Pk_HR_1000S_G1			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	20000		
Min Limit	2000		
	codes	codes	
karad	0	50	55
LL	2000.000	2000.000	2000.000
Min	9934.000	6517.000	5570.000
Average	9934.000	10780.545	8931.727
Max	9934.000	20033.000	13408.000
UL	20000.000	20000.000	20000.000



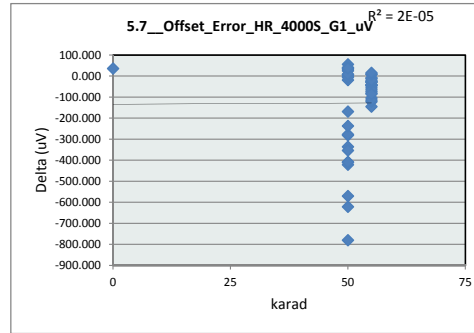
5.5_SNR_HR_4000S_G1_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	125	125		
Min Limit	112	112		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	117.229	114.908	2.321
50	AA114B	118.723	114.460	4.263
50	AA115B	117.180	115.921	1.259
50	AA116B	117.123	114.025	3.098
50	AA120B	117.761	114.681	3.080
50	AA121B	117.211	116.065	1.146
50	AA123B	116.846	114.699	2.147
50	AA124B	117.087	115.282	1.805
50	AA189B	117.794	116.657	1.137
50	AA190B	117.473	112.573	4.900
50	BB41B	117.893	115.142	2.751
50	BB38B	117.200	115.579	1.621
50	CC20B	117.611	116.557	1.054
50	CC10B	117.691	115.700	1.991
50	CC15B	117.660	114.493	3.167
50	CC13B	117.529	115.238	2.291
50	CC3B	117.642	113.480	4.162
50	CC16B	117.273	116.598	0.675
50	CC35B	117.108	115.150	1.958
50	CC47B	117.391	117.374	0.017
50	CC54B	117.742	116.593	1.149
50	CC51B	117.118	115.418	1.700
50	CC55B	117.392	116.045	1.347
55	A114B	118.723	116.816	1.907
55	A115B	117.180	117.256	-0.076
55	A116B	117.123	116.745	0.378
55	A120B	117.761	115.874	1.887
55	A121B	117.211	117.080	0.131
55	A123B	116.846	115.886	0.960
55	A124B	117.087	115.451	1.636
55	A189B	117.794	117.263	0.531
55	A190B	117.473	115.626	1.847
55	B41B	117.893	116.985	0.908
55	B38B	117.200	115.057	2.143
55	C20B	117.611	116.791	0.820
55	C10B	117.691	114.870	2.821
55	C15B	117.660	115.681	1.979
55	C13B	117.529	116.686	0.843
55	C3B	117.642	116.089	1.553
55	C16B	117.273	115.509	1.764
55	C35B	117.108	115.883	1.225
55	C47B	117.391	115.304	2.087
55	C54B	117.742	115.699	2.043
55	C51B	117.118	115.087	2.031
55	C55B	117.392	115.003	2.389
	Max	118.723	117.374	4.900
	Average	117.469	115.673	1.797
	Min	116.846	112.573	-0.076
	Std Dev	0.391	1.022	1.070



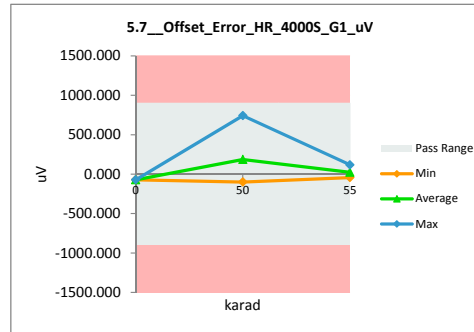
5.5_SNR_HR_4000S_G1_dB			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	125	dB	
Min Limit	112	dB	
karad	0	50	55
LL	112.000	112.000	112.000
Min	114.908	112.573	114.870
Average	114.908	115.351	116.029
Max	114.908	117.374	117.263
UL	125.000	125.000	125.000



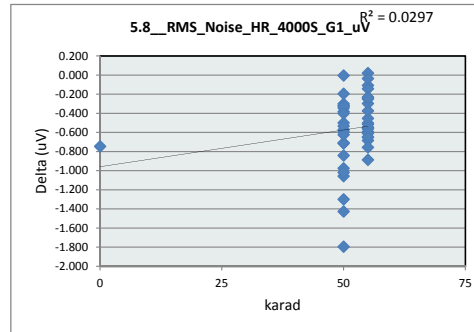
5.7_Offset_Error_HR_4000S_G1_uV				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	900	900		
Min Limit	-900	-900		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-34.226	-70.234	36.008
50	AA114B	-8.400	-15.605	7.205
50	AA115B	-31.048	-12.293	-18.755
50	AA116B	-44.174	-99.334	55.160
50	AA120B	-40.819	-80.977	40.158
50	AA121B	-25.064	256.255	-281.319
50	AA123B	-9.094	399.528	-408.622
50	AA124B	-42.281	294.323	-336.604
50	AA189B	-19.096	258.640	-277.736
50	AA190B	-26.121	595.569	-621.690
50	BB41B	-25.164	545.119	-570.283
50	BB38B	-28.792	392.561	-421.353
50	CC20B	-33.501	203.608	-237.109
50	CC10B	-14.272	-47.570	33.298
50	CC15B	-36.847	743.999	-780.846
50	CC13B	-17.011	393.002	-410.013
50	CC3B	-27.690	-52.563	24.873
50	CC16B	-25.871	-25.592	-0.279
50	CC35B	-29.578	324.019	-353.597
50	CC47B	-35.453	-29.672	-5.781
50	CC54B	-4.041	-12.575	8.534
50	CC51B	-18.106	150.562	-168.668
50	CC55B	-26.307	-63.416	37.109
55	A114B	-8.400	34.308	-42.708
55	A115B	-31.048	15.281	-46.329
55	A116B	-44.174	-16.007	-28.167
55	A120B	-40.819	-14.262	-26.557
55	A121B	-25.064	19.321	-44.385
55	A123B	-9.094	95.395	-104.489
55	A124B	-42.281	-1.928	-40.353
55	A189B	-19.096	54.398	-73.494
55	A190B	-26.121	118.866	-144.987
55	B41B	-25.164	56.338	-81.502
55	B38B	-28.792	27.532	-56.324
55	C20B	-33.501	31.694	-65.195
55	C10B	-14.272	-22.803	8.531
55	C15B	-36.847	84.507	-121.354
55	C13B	-17.011	97.057	-114.068
55	C3B	-27.690	1.535	-29.225
55	C16B	-25.871	-17.645	-8.226
55	C35B	-29.578	55.258	-84.836
55	C47B	-35.453	-24.008	-11.445
55	C54B	-4.041	15.871	-19.912
55	C51B	-18.106	-27.209	9.103
55	C55B	-26.307	-41.636	15.329
	Max	-4.041	743.999	55.160
	Average	-26.037	101.983	-128.020
	Min	-44.174	-99.334	-780.846
	Std Dev	10.806	195.603	195.556



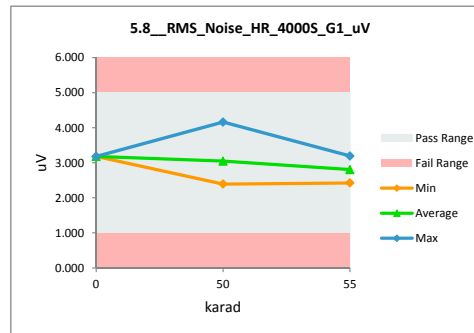
5.7_Offset_Error_HR_4000S			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	900	uV	
Min Limit	-900	uV	
karad	0	50	55
LL	-900.000	-900.000	-900.000
Min	-70.234	-99.334	-41.636
Average	-70.234	187.163	24.630
Max	-70.234	743.999	118.866
UL	900.000	900.000	900.000



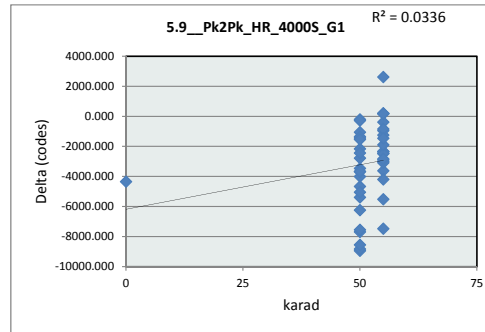
5.8_RMS_Noise_HR_4000S_G1_uV				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	5	5		
Min Limit	1	1		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	2.437	3.183	-0.746
50	AA114B	2.051	3.351	-1.300
50	AA115B	2.450	2.833	-0.383
50	AA116B	2.467	3.524	-1.057
50	AA120B	2.292	3.267	-0.975
50	AA121B	2.442	2.786	-0.344
50	AA123B	2.546	3.260	-0.714
50	AA124B	2.477	3.049	-0.572
50	AA189B	2.283	2.602	-0.319
50	AA190B	2.369	4.165	-1.796
50	BB41B	2.257	3.098	-0.841
50	BB38B	2.445	2.946	-0.501
50	CC20B	2.332	2.633	-0.301
50	CC10B	2.310	2.906	-0.596
50	CC15B	2.319	3.339	-1.020
50	CC13B	2.354	3.064	-0.710
50	CC3B	2.324	3.752	-1.428
50	CC16B	2.424	2.620	-0.196
50	CC35B	2.471	3.095	-0.624
50	CC47B	2.391	2.396	-0.005
50	CC54B	2.297	2.622	-0.325
50	CC51B	2.468	3.002	-0.534
50	CC55B	2.391	2.792	-0.401
55	A114B	2.051	2.555	-0.504
55	A115B	2.450	2.429	0.021
55	A116B	2.467	2.576	-0.109
55	A120B	2.292	2.848	-0.556
55	A121B	2.442	2.479	-0.037
55	A123B	2.546	2.844	-0.298
55	A124B	2.477	2.990	-0.513
55	A189B	2.283	2.427	-0.144
55	A190B	2.369	2.930	-0.561
55	B41B	2.257	2.506	-0.249
55	B38B	2.445	3.129	-0.684
55	C20B	2.332	2.563	-0.231
55	C10B	2.310	3.197	-0.887
55	C15B	2.319	2.912	-0.593
55	C13B	2.354	2.594	-0.240
55	C3B	2.324	2.778	-0.454
55	C16B	2.424	2.970	-0.546
55	C35B	2.471	2.845	-0.374
55	C47B	2.391	3.041	-0.650
55	C54B	2.297	2.906	-0.609
55	C51B	2.468	3.118	-0.650
55	C55B	2.391	3.148	-0.757
Max		2.546	4.165	0.021
Average		2.372	2.935	-0.563
Min		2.051	2.396	-1.796
Std Dev		0.104	0.359	0.368



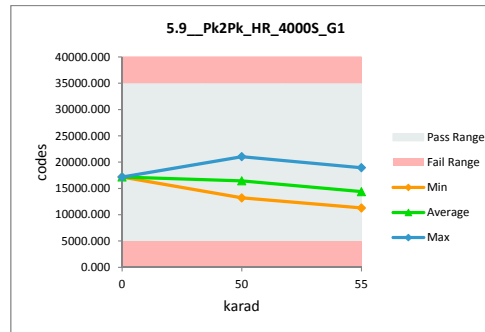
5.8_RMS_Noise_HR_4000S_G1_uV			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	5	uV	
Min Limit	1	uV	
karad	0	50	55
LL	1.000	1.000	1.000
Min	3.183	2.396	2.427
Average	3.183	3.050	2.808
Max	3.183	4.165	3.197
UL	5.000	5.000	5.000



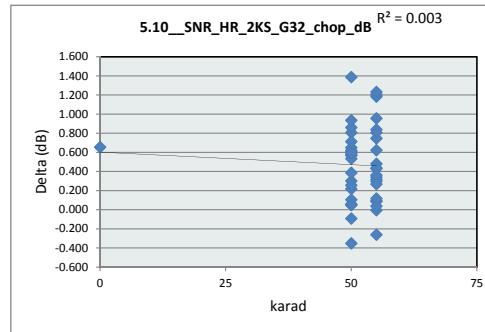
5.9_Pk2Pk_HR_4000S_G1				
Test Site	CLAB		CLAB	
Tester	EAGLE3		EAGLE3	
Test Number	EF651300		EF651300	
Unit	codes		codes	
Max Limit	34893		34893	
Min Limit	5000		5000	
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	12848.000	17189.000	-4341.000
50	AA114B	10625.000	18314.000	-7689.000
50	AA115B	11735.000	15199.000	-3464.000
50	AA116B	13215.000	17874.000	-4659.000
50	AA120B	11898.000	17287.000	-5389.000
50	AA121B	13918.000	14968.000	-1050.000
50	AA123B	13505.000	21058.000	-7553.000
50	AA124B	12139.000	17186.000	-5047.000
50	AA189B	9521.000	13524.000	-4003.000
50	AA190B	11848.000	20793.000	-8945.000
50	BB41B	11924.000	20750.000	-8826.000
50	BB38B	12936.000	14371.000	-1435.000
50	CC20B	13010.000	13210.000	-200.000
50	CC10B	11075.000	13850.000	-2775.000
50	CC15B	13573.000	19814.000	-6241.000
50	CC13B	12431.000	13787.000	-1356.000
50	CC3B	12043.000	20594.000	-8551.000
50	CC16B	12876.000	15042.000	-2166.000
50	CC35B	13233.000	16920.000	-3687.000
50	CC47B	13072.000	13351.000	-279.000
50	CC54B	12291.000	13821.000	-1530.000
50	CC51B	11484.000	15148.000	-3664.000
50	CC55B	12805.000	15247.000	-2442.000
55	A114B	10625.000	12955.000	-2330.000
55	A115B	11735.000	14193.000	-2458.000
55	A116B	13215.000	13014.000	201.000
55	A120B	11898.000	14897.000	-2999.000
55	A121B	13918.000	11298.000	2620.000
55	A123B	13505.000	13891.000	-386.000
55	A124B	12139.000	15764.000	-3625.000
55	A189B	9521.000	12609.000	-3088.000
55	A190B	11848.000	14749.000	-2901.000
55	B41B	11924.000	11728.000	196.000
55	B38B	12936.000	15289.000	-2353.000
55	C20B	13010.000	13953.000	-943.000
55	C10B	11075.000	16587.000	-5512.000
55	C15B	13573.000	13405.000	168.000
55	C13B	12431.000	13680.000	-1249.000
55	C3B	12043.000	14519.000	-2476.000
55	C16B	12876.000	14775.000	-1899.000
55	C35B	13233.000	14078.000	-845.000
55	C47B	13072.000	17272.000	-4200.000
55	C54B	12291.000	13745.000	-1454.000
55	C51B	11484.000	18958.000	-7474.000
55	C55B	12805.000	15636.000	-2831.000
Max		13918.000	21058.000	2620.000
Average		12336.933	15473.156	-3136.222
Min		9521.000	11298.000	-8945.000
Std Dev		1027.789	2481.598	2656.813



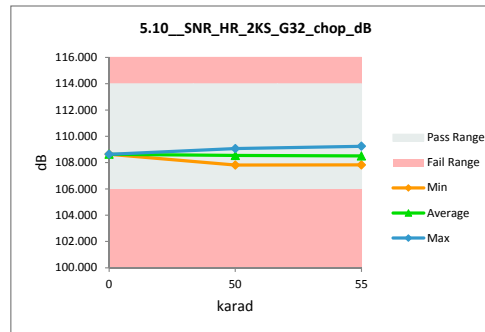
5.9_Pk2Pk_HR_4000S_G1			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	34893	codes	
Min Limit	5000	codes	
karad	0	50	55
LL	5000.000	5000.000	5000.000
Min	17189.000	13210.000	11298.000
Average	17189.000	16459.455	14408.864
Max	17189.000	21058.000	18958.000
UL	34893.000	34893.000	34893.000



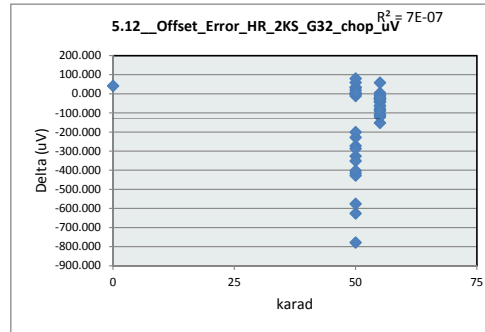
5.10_SNR_HR_2KS_G32_chop_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	114	114		
Min Limit	106	106		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	109.291	108.638	0.653
50	AA114B	108.786	108.681	0.105
50	AA115B	109.050	108.833	0.217
50	AA116B	109.055	108.442	0.613
50	AA120B	108.815	108.166	0.649
50	AA121B	109.339	108.770	0.569
50	AA123B	108.988	108.182	0.806
50	AA124B	108.847	108.798	0.049
50	AA189B	109.373	109.072	0.301
50	AA190B	108.666	108.410	0.256
50	BB41B	109.464	108.604	0.860
50	BB38B	109.077	108.142	0.935
50	CC20B	109.270	108.653	0.617
50	CC10B	108.220	108.572	-0.352
50	CC15B	109.142	108.570	0.572
50	CC13B	108.739	108.831	-0.092
50	CC3B	108.886	108.353	0.533
50	CC16B	108.636	108.587	0.049
50	CC35B	108.767	108.710	0.057
50	CC47B	109.489	108.776	0.713
50	CC54B	109.204	107.818	1.386
50	CC51B	108.893	108.507	0.386
50	CC55B	109.137	108.547	0.590
55	A114B	108.786	108.699	0.087
55	A115B	109.050	108.570	0.480
55	A116B	109.055	109.061	-0.006
55	A120B	108.815	108.475	0.340
55	A121B	109.339	109.247	0.092
55	A123B	108.988	108.242	0.746
55	A124B	108.847	108.810	0.037
55	A189B	109.373	109.075	0.298
55	A190B	108.666	107.828	0.838
55	B41B	109.464	108.509	0.955
55	B38B	109.077	107.894	1.183
55	C20B	109.270	108.954	0.316
55	C10B	108.220	108.104	0.116
55	C15B	109.142	107.940	1.202
55	C13B	108.739	108.379	0.360
55	C3B	108.886	108.457	0.429
55	C16B	108.636	108.898	-0.262
55	C35B	108.767	108.500	0.267
55	C47B	109.489	108.683	0.806
55	C54B	109.204	108.582	0.622
55	C51B	108.893	108.457	0.436
55	C55B	109.137	107.906	1.231
	Max	109.489	109.247	1.386
	Average	108.999	108.532	0.468
	Min	108.220	107.818	-0.352
	Std Dev	0.303	0.344	0.399



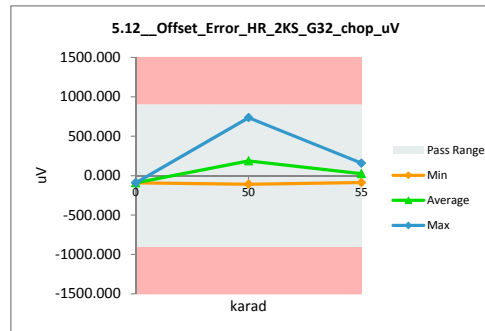
5.10_SNR_HR_2KS_G32_chop_dB			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	114	dB	
Min Limit	106	dB	
karad	0	50	55
LL	106.000	106.000	106.000
Min	108.638	107.818	107.828
Average	108.638	108.547	108.512
Max	108.638	109.072	109.247
UL	114.000	114.000	114.000



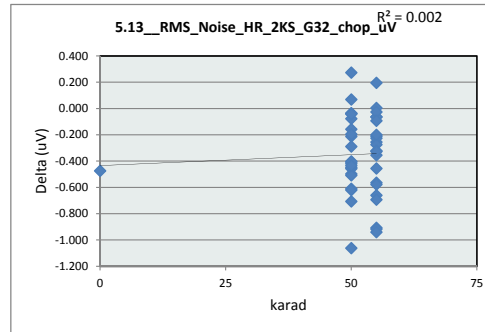
5.12_Offset_Error_HR_2KS_G32_chop_uV				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	900	900		
Min Limit	-900	-900		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-48.429	-89.981	41.552
50	AA114B	-31.119	-31.629	0.510
50	AA115B	-21.686	-10.345	-11.341
50	AA116B	-42.159	-101.144	58.985
50	AA120B	-39.590	-74.290	34.700
50	AA121B	-40.513	232.269	-272.782
50	AA123B	35.258	451.459	-416.201
50	AA124B	-59.733	266.239	-325.972
50	AA189B	-17.441	269.188	-286.629
50	AA190B	6.839	632.840	-626.001
50	BB41B	4.983	581.173	-576.190
50	BB38B	-15.852	411.465	-427.317
50	CC20B	-40.432	187.680	-228.112
50	CC10B	2.168	-28.726	30.894
50	CC15B	-42.290	736.642	-778.932
50	CC13B	-41.459	361.311	-402.770
50	CC3B	-53.694	-72.124	18.430
50	CC16B	-19.138	-17.732	-1.406
50	CC35B	-30.808	320.741	-351.549
50	CC47B	-44.874	-41.731	-3.143
50	CC54B	8.585	1.860	6.725
50	CC51B	-19.606	180.916	-200.522
50	CC55B	-28.637	-108.094	79.457
55	A114B	-31.119	8.356	-39.475
55	A115B	-21.686	22.028	-43.714
55	A116B	-42.159	-16.365	-25.794
55	A120B	-39.590	-13.267	-26.323
55	A121B	-40.513	1.269	-41.782
55	A123B	35.258	149.479	-114.221
55	A124B	-59.733	-30.557	-29.176
55	A189B	-17.441	60.325	-77.766
55	A190B	6.839	158.558	-151.719
55	B41B	4.983	93.936	-88.953
55	B38B	-15.852	45.432	-61.284
55	C20B	-40.432	22.692	-63.124
55	C10B	2.168	-2.077	4.245
55	C15B	-42.290	79.100	-121.390
55	C13B	-41.459	64.813	-106.272
55	C3B	-53.694	-26.565	-27.129
55	C16B	-19.138	-11.373	-7.765
55	C35B	-30.808	54.855	-85.663
55	C47B	-44.874	-34.153	-10.721
55	C54B	8.585	29.806	-21.221
55	C51B	-19.606	2.577	-22.183
55	C55B	-28.637	-87.011	58.374
	Max	35.258	736.642	79.457
	Average	-24.685	102.885	-127.570
	Min	-59.733	-108.094	-778.932
	Std Dev	23.318	202.791	197.312



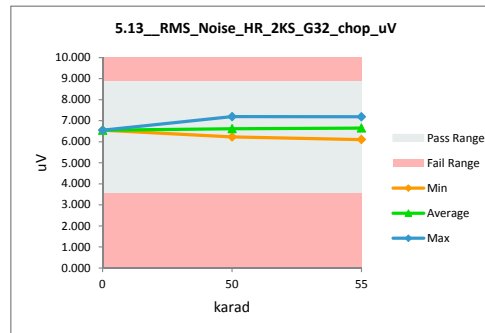
5.12_Offset_Error_HR_2KS_G32_chop_uV			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	900	uV	
Min Limit	-900	uV	
karad	0	50	55
LL	-900.000	-900.000	-900.000
Min	-89.981	-108.094	-87.011
Average	-89.981	188.544	25.994
Max	-89.981	736.642	158.558
UL	900.000	900.000	900.000



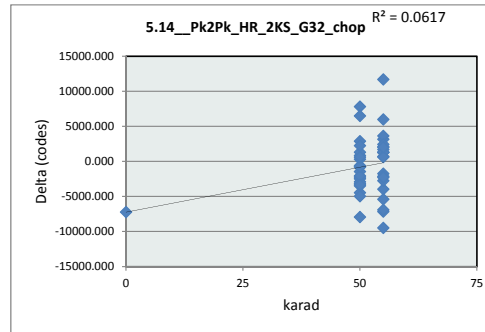
5.13 RMS_Noise_HR_2KS_G32_chop_uV				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	8.856	8.856		
Min Limit	3.526	3.526		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	6.077	6.551	-0.474
50	AA114B	6.441	6.519	-0.078
50	AA115B	6.248	6.406	-0.158
50	AA116B	6.244	6.701	-0.457
50	AA120B	6.419	6.917	-0.498
50	AA121B	6.044	6.452	-0.408
50	AA123B	6.293	6.904	-0.611
50	AA124B	6.396	6.432	-0.036
50	AA189B	6.019	6.232	-0.213
50	AA190B	6.530	6.726	-0.196
50	BB41B	5.957	6.577	-0.620
50	BB38B	6.229	6.936	-0.707
50	CC20B	6.091	6.540	-0.449
50	CC10B	6.874	6.601	0.273
50	CC15B	6.182	6.602	-0.420
50	CC13B	6.475	6.407	0.068
50	CC3B	6.367	6.770	-0.403
50	CC16B	6.553	6.590	-0.037
50	CC35B	6.455	6.497	-0.042
50	CC47B	5.940	6.448	-0.508
50	CC54B	6.138	7.200	-1.062
50	CC51B	6.362	6.651	-0.289
50	CC55B	6.186	6.620	-0.434
55	A114B	6.441	6.505	-0.064
55	A115B	6.248	6.603	-0.355
55	A116B	6.244	6.240	0.004
55	A120B	6.419	6.675	-0.256
55	A121B	6.044	6.108	-0.064
55	A123B	6.293	6.857	-0.564
55	A124B	6.396	6.423	-0.027
55	A189B	6.019	6.230	-0.211
55	A190B	6.530	7.191	-0.661
55	B41B	5.957	6.650	-0.693
55	B38B	6.229	7.137	-0.908
55	C20B	6.091	6.317	-0.226
55	C10B	6.874	6.967	-0.093
55	C15B	6.182	7.100	-0.918
55	C13B	6.475	6.750	-0.275
55	C3B	6.367	6.689	-0.322
55	C16B	6.553	6.358	0.195
55	C35B	6.455	6.656	-0.201
55	C47B	5.940	6.518	-0.578
55	C54B	6.138	6.594	-0.456
55	C51B	6.362	6.689	-0.327
55	C55B	6.186	7.127	-0.941
	Max	6.874	7.200	0.273
	Average	6.288	6.637	-0.349
	Min	5.940	6.108	-1.062
	Std Dev	0.221	0.265	0.302



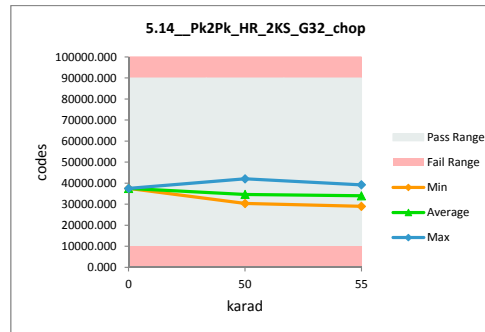
5.13 RMS_Noise_HR_2KS_G32_chop_uV			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	8.856	uV	
Min Limit	3.526	uV	
karad	0	50	55
LL	3.526	3.526	3.526
Min	6.551	6.232	6.108
Average	6.551	6.624	6.654
Max	6.551	7.200	7.191
UL	8.856	8.856	8.856



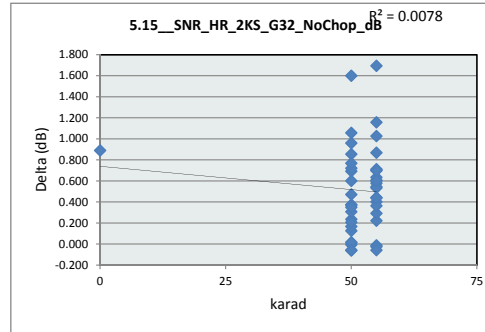
5.14_Pk2Pk_HR_2KS_G32_chop				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	30315.000	37541.000	-7226.000
50	AA114B	34376.000	34062.000	314.000
50	AA115B	42633.000	34799.000	7834.000
50	AA116B	38894.000	41361.000	-2467.000
50	AA120B	30604.000	33751.000	-3147.000
50	AA121B	30699.000	32131.000	-1432.000
50	AA123B	35732.000	34892.000	840.000
50	AA124B	32624.000	31316.000	1308.000
50	AA189B	29777.000	30370.000	-593.000
50	AA190B	34605.000	31713.000	2892.000
50	BB41B	29885.000	33349.000	-3464.000
50	BB38B	37952.000	35688.000	2264.000
50	CC20B	32109.000	32917.000	-808.000
50	CC10B	42325.000	35820.000	6505.000
50	CC15B	32021.000	34926.000	-2905.000
50	CC13B	31510.000	35964.000	-4454.000
50	CC3B	31479.000	33695.000	-2216.000
50	CC16B	32461.000	34509.000	-2048.000
50	CC35B	34218.000	37557.000	-3339.000
50	CC47B	32218.000	32952.000	-734.000
50	CC54B	34164.000	42086.000	-7922.000
50	CC51B	35301.000	34696.000	605.000
50	CC55B	29565.000	34524.000	-4959.000
55	A114B	34376.000	33662.000	714.000
55	A115B	42633.000	30931.000	11702.000
55	A116B	38894.000	32898.000	5996.000
55	A120B	30604.000	34548.000	-3944.000
55	A121B	30699.000	28995.000	1704.000
55	A123B	35732.000	33640.000	2092.000
55	A124B	32624.000	29446.000	3178.000
55	A189B	29777.000	39242.000	-9465.000
55	A190B	34605.000	33305.000	1300.000
55	B41B	29885.000	31617.000	-1732.000
55	B38B	37952.000	36623.000	1329.000
55	C20B	32109.000	30809.000	1300.000
55	C10B	42325.000	38674.000	3651.000
55	C15B	32021.000	39180.000	-7159.000
55	C13B	31510.000	33626.000	-2116.000
55	C3B	31479.000	36878.000	-5399.000
55	C16B	32461.000	31818.000	643.000
55	C35B	34218.000	36953.000	-2735.000
55	C47B	32218.000	29779.000	2439.000
55	C54B	34164.000	36435.000	-2271.000
55	C51B	35301.000	33270.000	2031.000
55	C55B	29565.000	36465.000	-6900.000
Max		42633.000	42086.000	11702.000
Average		33791.533	34431.400	-639.867
Min		29565.000	28995.000	-9465.000
Std Dev		3685.603	2978.246	4248.850



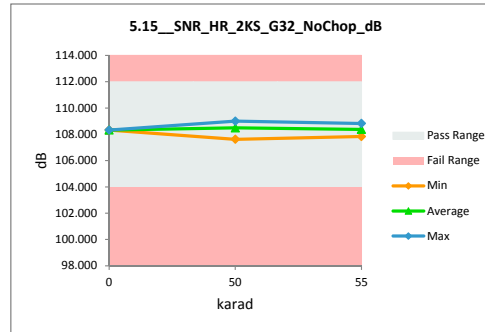
5.14_Pk2Pk_HR_2KS_G32_chop			
karad	0	50	55
LL	10000.000	10000.000	10000.000
Min	37541.000	30370.000	28995.000
Average	37541.000	34685.364	34036.091
Max	37541.000	42086.000	39242.000
UL	90000.000	90000.000	90000.000



5.15_SNR_HR_2KS_G32_NoChop_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	112	112		
Min Limit	104	104		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	109.218	108.329	0.889
50	AA114B	109.043	108.917	0.126
50	AA115B	109.590	108.630	0.960
50	AA116B	108.943	108.708	0.235
50	AA120B	109.102	108.248	0.854
50	AA121B	109.356	108.664	0.692
50	AA123B	108.482	108.541	-0.059
50	AA124B	108.637	108.624	0.013
50	AA189B	108.804	108.810	-0.006
50	AA190B	108.531	107.810	0.721
50	BB41B	108.960	108.489	0.471
50	BB38B	109.533	108.476	1.057
50	CC20B	109.223	107.623	1.600
50	CC10B	108.796	108.780	0.016
50	CC15B	109.381	109.008	0.373
50	CC13B	108.681	107.913	0.768
50	CC3B	108.797	108.196	0.601
50	CC16B	108.772	108.833	-0.061
50	CC35B	108.810	108.504	0.306
50	CC47B	108.870	108.704	0.166
50	CC54B	108.904	108.533	0.371
50	CC51B	108.742	108.392	0.350
50	CC55B	108.775	108.568	0.207
55	A114B	109.043	108.821	0.222
55	A115B	109.590	108.433	1.157
55	A116B	108.943	108.651	0.292
55	A120B	109.102	108.468	0.634
55	A121B	109.356	108.329	1.027
55	A123B	108.482	108.495	-0.013
55	A124B	108.637	108.236	0.401
55	A189B	108.804	108.829	-0.025
55	A190B	108.531	107.953	0.578
55	B41B	108.960	108.353	0.607
55	B38B	109.533	107.838	1.695
55	C20B	109.223	108.521	0.702
55	C10B	108.796	107.928	0.868
55	C15B	109.381	108.670	0.711
55	C13B	108.681	108.137	0.544
55	C3B	108.797	108.263	0.534
55	C16B	108.772	108.330	0.442
55	C35B	108.810	108.209	0.601
55	C47B	108.870	108.507	0.363
55	C54B	108.904	108.466	0.438
55	C51B	108.742	108.800	-0.058
55	C55B	108.775	108.078	0.697
	Max	109.590	109.008	1.695
	Average	108.948	108.436	0.513
	Min	108.482	107.623	-0.061
	Std Dev	0.302	0.320	0.412



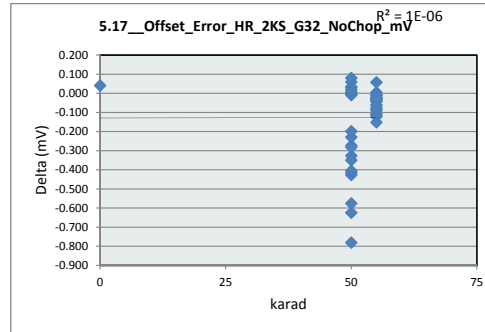
5.15_SNR_HR_2KS_G32_NoC			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	112	dB	
Min Limit	104	dB	
karad	0	50	55
LL	104.000	104.000	104.000
Min	108.329	107.623	107.838
Average	108.329	108.499	108.378
Max	108.329	109.008	108.829
UL	112.000	112.000	112.000



5.17\_Offset\_Error\_HR\_2KS\_G32\_NoChop

Test Site	CLAB	CLAB
Tester	EAGLE3	EAGLE3
Test Number	EF651300	EF651300
Unit	mV	mV
Max Limit	900	900
Min Limit	-900	-900

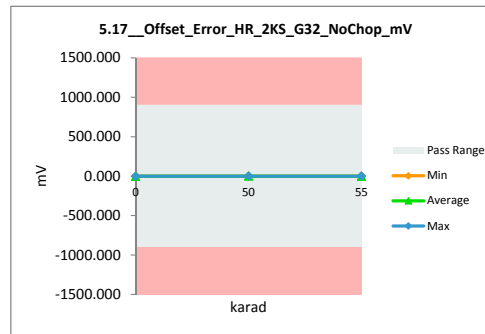
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.050	-0.091	0.041
50	AA114B	-0.031	-0.031	0.000
50	AA115B	-0.021	-0.011	-0.010
50	AA116B	-0.043	-0.102	0.059
50	AA120B	-0.040	-0.074	0.034
50	AA121B	-0.040	0.233	-0.273
50	AA123B	0.036	0.452	-0.416
50	AA124B	-0.060	0.267	-0.327
50	AA189B	-0.017	0.265	-0.282
50	AA190B	0.007	0.632	-0.625
50	BB41B	0.005	0.581	-0.576
50	BB38B	-0.016	0.411	-0.427
50	CC20B	-0.040	0.190	-0.230
50	CC10B	0.002	-0.029	0.031
50	CC15B	-0.042	0.739	-0.781
50	CC13B	-0.042	0.363	-0.405
50	CC3B	-0.054	-0.073	0.019
50	CC16B	-0.020	-0.019	-0.001
50	CC35B	-0.030	0.320	-0.350
50	CC47B	-0.045	-0.041	-0.004
50	CC54B	0.009	0.002	0.007
50	CC51B	-0.020	0.179	-0.199
50	CC55B	-0.029	-0.109	0.080
55	A114B	-0.031	0.009	-0.040
55	A115B	-0.021	0.021	-0.042
55	A116B	-0.043	-0.016	-0.027
55	A120B	-0.040	-0.013	-0.027
55	A121B	-0.040	0.001	-0.041
55	A123B	0.036	0.149	-0.113
55	A124B	-0.060	-0.030	-0.030
55	A189B	-0.017	0.060	-0.077
55	A190B	0.007	0.159	-0.152
55	B41B	0.005	0.094	-0.089
55	B38B	-0.016	0.046	-0.062
55	C20B	-0.040	0.022	-0.062
55	C10B	0.002	-0.003	0.005
55	C15B	-0.042	0.080	-0.122
55	C13B	-0.042	0.066	-0.108
55	C3B	-0.054	-0.027	-0.027
55	C16B	-0.020	-0.011	-0.009
55	C35B	-0.030	0.055	-0.085
55	C47B	-0.045	-0.034	-0.011
55	C54B	0.009	0.030	-0.021
55	C51B	-0.020	0.002	-0.022
55	C55B	-0.029	-0.086	0.057
Max		0.036	0.739	0.080
Average		-0.025	0.103	-0.128
Min		-0.060	-0.109	-0.781
Std Dev		0.024	0.203	0.197



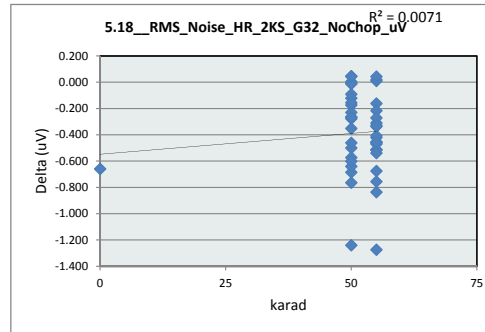
5.17\_Offset\_Error\_HR\_2KS\_G32\_NoChop\_mV

Test Site	CLAB
Tester	EAGLE3
Test Number	EF651300
Max Limit	900 mV
Min Limit	-900 mV

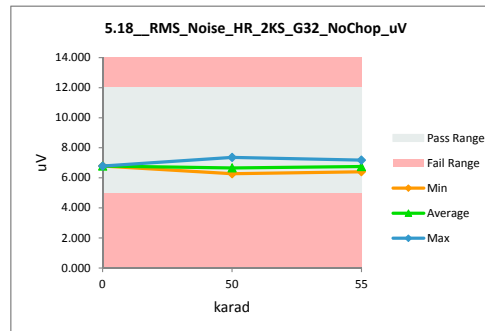
	0	50	55
LL	-900.000	-900.000	-900.000
Min	-0.091	-0.109	-0.086
Average	-0.091	0.188	0.026
Max	-0.091	0.739	0.159
UL	900.000	900.000	900.000



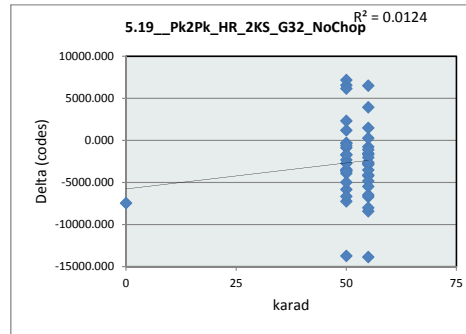
5.18 RMS_Noise_HR_2KS_G32_NoChop				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	12	12		
Min Limit	5	5		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	6.128	6.788	-0.660
50	AA114B	6.253	6.344	-0.091
50	AA115B	5.871	6.557	-0.686
50	AA116B	6.325	6.499	-0.174
50	AA120B	6.211	6.852	-0.641
50	AA121B	6.032	6.532	-0.500
50	AA123B	6.670	6.625	0.045
50	AA124B	6.552	6.562	-0.010
50	AA189B	6.427	6.423	0.004
50	AA190B	6.633	7.207	-0.574
50	BB41B	6.313	6.665	-0.352
50	BB38B	5.909	6.674	-0.765
50	CC20B	6.124	7.364	-1.240
50	CC10B	6.433	6.445	-0.012
50	CC15B	6.014	6.278	-0.264
50	CC13B	6.519	7.121	-0.602
50	CC3B	6.432	6.893	-0.461
50	CC16B	6.451	6.406	0.045
50	CC35B	6.423	6.653	-0.230
50	CC47B	6.379	6.501	-0.122
50	CC54B	6.353	6.631	-0.278
50	CC51B	6.473	6.740	-0.267
50	CC55B	6.449	6.605	-0.156
55	A114B	6.253	6.415	-0.162
55	A115B	5.871	6.708	-0.837
55	A116B	6.325	6.542	-0.217
55	A120B	6.211	6.681	-0.470
55	A121B	6.032	6.788	-0.756
55	A123B	6.670	6.660	0.010
55	A124B	6.552	6.862	-0.310
55	A189B	6.427	6.409	0.018
55	A190B	6.633	7.089	-0.456
55	B41B	6.313	6.770	-0.457
55	B38B	5.909	7.183	-1.274
55	C20B	6.124	6.640	-0.516
55	C10B	6.433	7.109	-0.676
55	C15B	6.014	6.527	-0.513
55	C13B	6.519	6.940	-0.421
55	C3B	6.432	6.840	-0.408
55	C16B	6.451	6.788	-0.337
55	C35B	6.423	6.883	-0.460
55	C47B	6.379	6.651	-0.272
55	C54B	6.353	6.682	-0.329
55	C51B	6.473	6.430	0.043
55	C55B	6.449	6.988	-0.539
	Max	6.670	7.364	0.045
	Average	6.325	6.710	-0.385
	Min	5.871	6.278	-1.274
	Std Dev	0.218	0.249	0.310



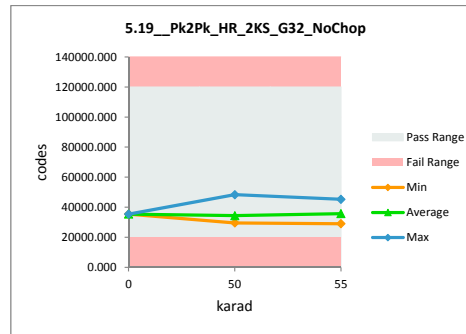
5.18 RMS_Noise_HR_2KS_G32_NoChop_uV			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	12	uV	
Min Limit	5	uV	
karad	0	50	55
LL	5.000	5.000	5.000
Min	6.788	6.278	6.409
Average	6.788	6.663	6.754
Max	6.788	7.364	7.183
UL	12.000	12.000	12.000



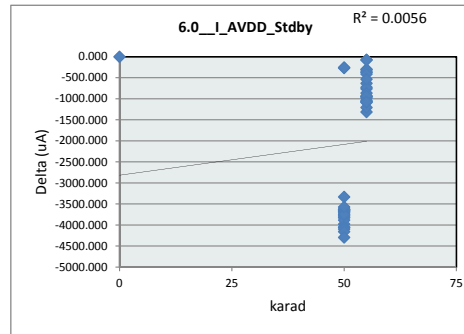
5.19_Pk2Pk_HR_2KS_G32_NoChop				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	27974.000	35420.000	-7446.000
50	AA114B	31685.000	35146.000	-3461.000
50	AA115B	25736.000	32969.000	-7233.000
50	AA116B	36790.000	29607.000	7183.000
50	AA120B	32672.000	34991.000	-2319.000
50	AA121B	30553.000	36386.000	-5833.000
50	AA123B	31990.000	32307.000	-317.000
50	AA124B	37062.000	30493.000	6569.000
50	AA189B	29744.000	33335.000	-3591.000
50	AA190B	36853.000	37730.000	-877.000
50	BB41B	30071.000	33986.000	-3915.000
50	BB38B	27369.000	32339.000	-4970.000
50	CC20B	30532.000	34178.000	-3646.000
50	CC10B	35562.000	37256.000	-1694.000
50	CC15B	29392.000	29708.000	-316.000
50	CC13B	30853.000	32584.000	-1731.000
50	CC3B	34394.000	41041.000	-6647.000
50	CC16B	32110.000	32711.000	-601.000
50	CC35B	34667.000	48397.000	-13730.000
50	CC47B	33079.000	31869.000	1210.000
50	CC54B	32968.000	35702.000	-2734.000
50	CC51B	35025.000	32705.000	2320.000
50	CC55B	38488.000	32327.000	6161.000
55	A114B	31685.000	33357.000	-1672.000
55	A115B	25736.000	32441.000	-6705.000
55	A116B	36790.000	32847.000	3943.000
55	A120B	32672.000	36867.000	-4195.000
55	A121B	30553.000	32079.000	-1526.000
55	A123B	31990.000	34020.000	-2030.000
55	A124B	37062.000	41184.000	-4122.000
55	A189B	29744.000	34563.000	-4819.000
55	A190B	36853.000	45277.000	-8424.000
55	B41B	30071.000	38070.000	-7999.000
55	B38B	27369.000	41228.000	-13859.000
55	C20B	30532.000	33388.000	-2856.000
55	C10B	35562.000	29051.000	6511.000
55	C15B	29392.000	32123.000	-2731.000
55	C13B	30853.000	34365.000	-3512.000
55	C3B	34394.000	40867.000	-6473.000
55	C16B	32110.000	37590.000	-5480.000
55	C35B	34667.000	37278.000	-2611.000
55	C47B	33079.000	33828.000	-749.000
55	C54B	32968.000	34057.000	-1089.000
55	C51B	35025.000	33528.000	1497.000
55	C55B	38488.000	38206.000	282.000
Max		38488.000	48397.000	7183.000
Average		32514.756	35097.800	-2583.044
Min		25736.000	29051.000	-13859.000
Std Dev		3272.222	3963.316	4572.068



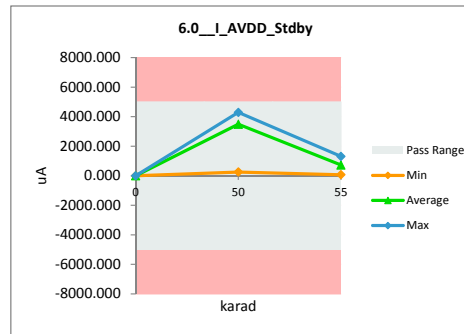
5.19_Pk2Pk_HR_2KS_G32_NoChop			
karad	0	50	55
LL	20000.000	20000.000	20000.000
Min	35420.000	29607.000	29051.000
Average	35420.000	34443.955	35737.000
Max	35420.000	48397.000	45277.000
UL	120000.000	120000.000	120000.000



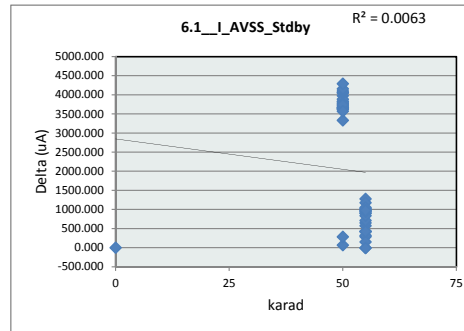
6.0_I_AVDD_Stdby				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	5000	5000		
Min Limit	-5000	-5000		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.169	0.255	-0.086
50	AA114B	0.183	268.183	-268.000
50	AA115B	0.182	3981.182	-3981.000
50	AA116B	0.208	3631.208	-3631.000
50	AA120B	0.160	3810.160	-3810.000
50	AA121B	0.183	3669.183	-3669.000
50	AA123B	0.175	3624.175	-3624.000
50	AA124B	0.173	3686.173	-3686.000
50	AA189B	0.169	3643.169	-3643.000
50	AA190B	0.180	3660.180	-3660.000
50	BB41B	0.223	4057.223	-4057.000
50	BB38B	0.184	3830.184	-3830.000
50	CC20B	0.189	3887.189	-3887.000
50	CC10B	0.218	4054.218	-4054.000
50	CC15B	0.183	4100.183	-4100.000
50	CC13B	0.177	3773.177	-3773.000
50	CC3B	0.172	256.172	-256.000
50	CC16B	0.166	4159.166	-4159.000
50	CC35B	0.187	3716.187	-3716.000
50	CC47B	0.198	3747.198	-3747.000
50	CC54B	0.185	4295.185	-4295.000
50	CC51B	0.181	3334.181	-3334.000
50	CC55B	0.180	3574.180	-3574.000
55	A114B	0.183	72.527	-72.344
55	A115B	0.182	299.182	-299.000
55	A116B	0.208	369.208	-369.000
55	A120B	0.160	635.160	-635.000
55	A121B	0.183	315.183	-315.000
55	A123B	0.175	941.175	-941.000
55	A124B	0.173	363.173	-363.000
55	A189B	0.169	761.169	-761.000
55	A190B	0.180	727.180	-727.000
55	B41B	0.223	413.223	-413.000
55	B38B	0.184	533.184	-533.000
55	C20B	0.189	1039.189	-1039.000
55	C10B	0.218	1313.218	-1313.000
55	C15B	0.183	952.183	-952.000
55	C13B	0.177	1209.177	-1209.000
55	C3B	0.172	76.452	-76.280
55	C16B	0.166	1066.166	-1066.000
55	C35B	0.187	866.187	-866.000
55	C47B	0.198	1084.198	-1084.000
55	C54B	0.185	978.185	-978.000
55	C51B	0.181	934.181	-934.000
55	C55B	0.180	1074.180	-1074.000
Max	0.223	4295.185		-0.086
Average	0.184	2061.822		-2061.638
Min	0.160	0.255		-4295.000
Std Dev	0.015	1616.689		1616.688



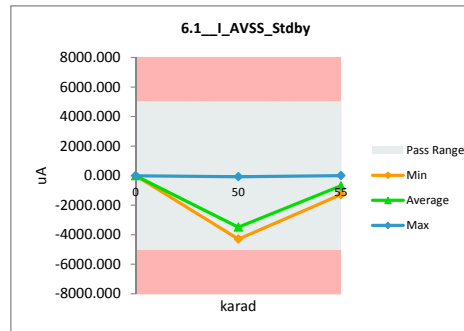
6.0_I_AVDD_Stdby			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	5000	uA	
Min Limit	-5000	uA	
karad	0	50	55
LL	-5000.000	-5000.000	-5000.000
Min	0.255	256.172	72.527
Average	0.255	3489.003	728.349
Max	0.255	4295.185	1313.218
UL	5000.000	5000.000	5000.000



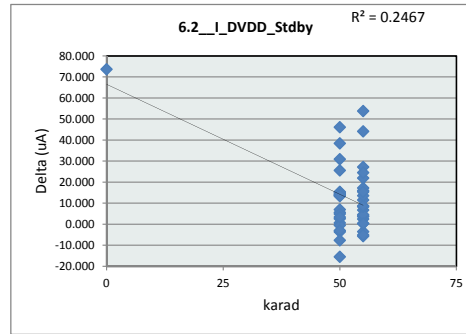
6.1_I_AVSS_Stdby				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.200	-0.326	0.126
50	AA114B	-0.118	-67.076	66.958
50	AA115B	-0.316	-3977.316	3977.000
50	AA116B	-0.314	-3628.314	3628.000
50	AA120B	-0.218	-3807.218	3807.000
50	AA121B	-0.252	-3666.252	3666.000
50	AA123B	-0.278	-3621.278	3621.000
50	AA124B	-0.411	-3680.411	3680.000
50	AA189B	-0.194	-3641.194	3641.000
50	AA190B	-0.238	-3658.238	3658.000
50	BB41B	-0.453	-4053.453	4053.000
50	BB38B	-0.142	-3828.142	3828.000
50	CC20B	-0.282	-3884.282	3884.000
50	CC10B	-0.189	-4050.189	4050.000
50	CC15B	-0.091	-4099.091	4099.000
50	CC13B	-0.281	-3771.281	3771.000
50	CC3B	-0.085	-281.189	281.104
50	CC16B	-0.295	-4156.295	4156.000
50	CC35B	-0.093	-3712.093	3712.000
50	CC47B	-0.245	-3744.245	3744.000
50	CC54B	-0.492	-4292.492	4292.000
50	CC51B	-0.156	-3331.156	3331.000
50	CC55B	-0.232	-3570.232	3570.000
55	A114B	-0.118	3.734	-3.852
55	A115B	-0.316	-286.644	286.328
55	A116B	-0.314	-425.715	425.401
55	A120B	-0.218	-571.432	571.214
55	A121B	-0.252	-318.844	318.592
55	A123B	-0.278	-899.691	899.413
55	A124B	-0.411	-150.706	150.295
55	A189B	-0.194	-648.014	647.820
55	A190B	-0.238	-708.862	708.624
55	B41B	-0.453	-417.884	417.431
55	B38B	-0.142	-426.742	426.600
55	C20B	-0.282	-1002.282	1002.000
55	C10B	-0.189	-1277.189	1277.000
55	C15B	-0.091	-903.234	903.143
55	C13B	-0.281	-1175.281	1175.000
55	C3B	-0.085	10.465	-10.550
55	C16B	-0.295	-1021.112	1020.817
55	C35B	-0.093	-837.383	837.290
55	C47B	-0.245	-1048.245	1048.000
55	C54B	-0.492	-960.155	959.663
55	C51B	-0.156	-939.152	938.996
55	C55B	-0.232	-971.175	970.943
	Max	-0.085	10.465	4292.000
	Average	-0.243	-2033.273	2033.030
	Min	-0.492	-4292.492	-10.550
	Std Dev	0.109	1640.639	1640.621



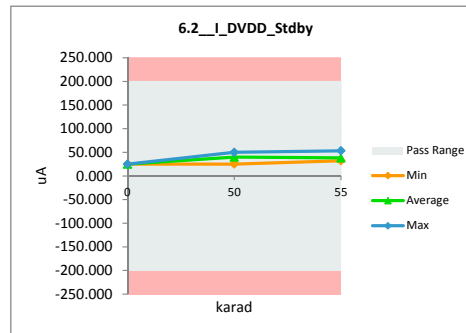
6.1_I_AVSS_Stdby			
karad	0	50	55
LL	-5000.000	-5000.000	-5000.000
Min	-0.326	-4292.492	-1277.189
Average	-0.326	-3478.247	-680.707
Max	-0.326	-67.076	10.465
UL	5000.000	5000.000	5000.000



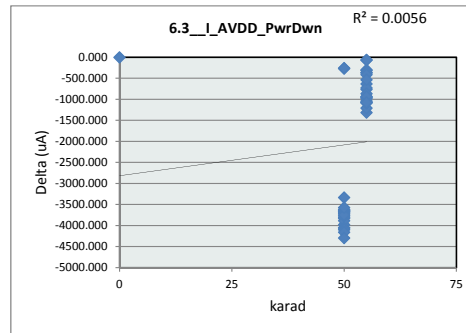
6.2_I_DVDD_Stdby				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	200	200		
Min Limit	-200	-200		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	98.913	25.226	73.687
50	AA114B	40.710	25.363	15.347
50	AA115B	54.060	39.514	14.546
50	AA116B	56.880	31.343	25.537
50	AA120B	47.285	32.178	15.107
50	AA121B	42.943	40.326	2.617
50	AA123B	40.965	40.358	0.607
50	AA124B	55.021	41.672	13.349
50	AA189B	47.725	42.161	5.564
50	AA190B	38.986	39.535	-0.549
50	BB41B	89.401	43.313	46.088
50	BB38B	83.211	44.799	38.412
50	CC20B	54.305	40.398	13.907
50	CC10B	42.872	46.548	-3.676
50	CC15B	54.639	47.743	6.896
50	CC13B	34.807	37.872	-3.065
50	CC3B	40.722	26.854	13.868
50	CC16B	64.054	50.274	13.780
50	CC35B	65.145	34.249	30.896
50	CC47B	47.657	42.758	4.899
50	CC54B	31.084	46.602	-15.518
50	CC51B	34.368	42.046	-7.678
50	CC55B	47.063	43.673	3.390
55	A114B	40.710	38.232	2.478
55	A115B	54.060	38.131	15.929
55	A116B	56.880	39.682	17.198
55	A120B	47.285	35.765	11.520
55	A121B	42.943	36.263	6.680
55	A123B	40.965	37.308	3.657
55	A124B	55.021	41.451	13.570
55	A189B	47.725	53.402	-5.677
55	A190B	38.986	38.673	0.313
55	B41B	89.401	35.623	53.778
55	B38B	83.211	39.105	44.106
55	C20B	54.305	32.417	21.888
55	C10B	42.872	38.973	3.899
55	C15B	54.639	39.236	15.403
55	C13B	34.807	38.362	-3.555
55	C3B	40.722	36.253	4.469
55	C16B	64.054	36.861	27.193
55	C35B	65.145	40.611	24.534
55	C47B	47.657	39.355	8.302
55	C54B	31.084	36.241	-5.157
55	C51B	34.368	34.049	0.319
55	C55B	47.063	38.405	8.658
	Max	98.913	53.402	73.687
	Average	51.705	38.871	12.834
	Min	31.084	25.226	-15.518
	Std Dev	16.065	5.699	17.303



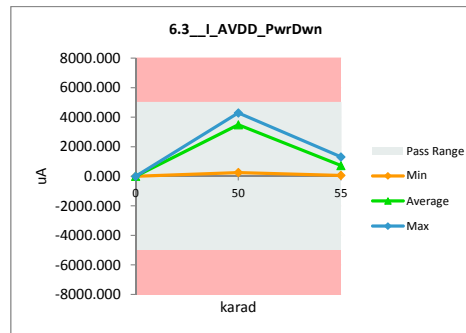
6.2_I_DVDD_Stdby			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	200	uA	
Min Limit	-200	uA	
karad	0	50	55
LL	-200.000	-200.000	-200.000
Min	25.226	25.363	32.417
Average	25.226	39.981	38.382
Max	25.226	50.274	53.402
UL	200.000	200.000	200.000



6.3_I_AVDD_PwrDwn				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	5000	5000		
Min Limit	-5000	-5000		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.180	0.285	-0.105
50	AA114B	0.190	268.190	-268.000
50	AA115B	0.221	3981.221	-3981.000
50	AA116B	0.206	3631.206	-3631.000
50	AA120B	0.211	3810.211	-3810.000
50	AA121B	0.198	3669.198	-3669.000
50	AA123B	0.187	3624.187	-3624.000
50	AA124B	0.233	3686.233	-3686.000
50	AA189B	0.213	3643.213	-3643.000
50	AA190B	0.203	3660.203	-3660.000
50	BB41B	0.232	4057.232	-4057.000
50	BB38B	0.273	3830.273	-3830.000
50	CC20B	0.234	3887.234	-3887.000
50	CC10B	0.210	4054.210	-4054.000
50	CC15B	0.232	4100.232	-4100.000
50	CC13B	0.216	3773.216	-3773.000
50	CC3B	0.224	256.224	-256.000
50	CC16B	0.221	4159.221	-4159.000
50	CC35B	0.224	3716.224	-3716.000
50	CC47B	0.203	3747.203	-3747.000
50	CC54B	0.219	4295.219	-4295.000
50	CC51B	0.201	3334.201	-3334.000
50	CC55B	0.205	3574.205	-3574.000
55	A114B	0.190	62.436	-62.246
55	A115B	0.221	299.221	-299.000
55	A116B	0.206	369.206	-369.000
55	A120B	0.211	635.211	-635.000
55	A121B	0.198	315.198	-315.000
55	A123B	0.187	941.187	-941.000
55	A124B	0.233	363.233	-363.000
55	A189B	0.213	761.213	-761.000
55	A190B	0.203	727.203	-727.000
55	B41B	0.232	413.232	-413.000
55	B38B	0.273	533.273	-533.000
55	C20B	0.234	1039.234	-1039.000
55	C10B	0.210	1313.210	-1313.000
55	C15B	0.232	952.232	-952.000
55	C13B	0.216	1209.216	-1209.000
55	C3B	0.224	65.972	-65.748
55	C16B	0.221	1066.221	-1066.000
55	C35B	0.224	866.224	-866.000
55	C47B	0.203	1084.203	-1084.000
55	C54B	0.219	978.219	-978.000
55	C51B	0.201	934.201	-934.000
55	C55B	0.205	1074.205	-1074.000
Max		0.273	4295.219	-0.105
Average		0.215	2061.395	-2061.180
Min		0.180	0.285	-4295.000
Std Dev		0.019	1617.267	1617.265

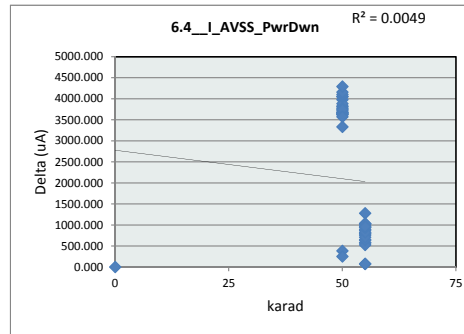


6.3_I_AVDD_PwrDwn			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	5000	uA	
Min Limit	-5000	uA	
karad	0	50	55
LL	-5000.000	-5000.000	-5000.000
Min	0.285	256.224	62.436
Average	0.285	3489.034	727.443
Max	0.285	4295.219	1313.210
UL	5000.000	5000.000	5000.000

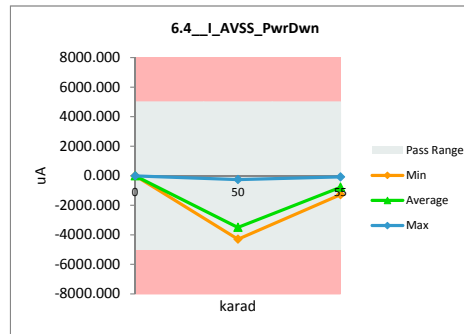


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6.4_I_AVSS_PwrDwn				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	5000	5000		
Min Limit	-5000	-5000		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.047	-0.136	0.089
50	AA114B	-0.206	-383.306	383.100
50	AA115B	-0.062	-3977.062	3977.000
50	AA116B	-0.203	-3628.203	3628.000
50	AA120B	-0.129	-3807.129	3807.000
50	AA121B	-0.038	-3666.038	3666.000
50	AA123B	-0.062	-3621.062	3621.000
50	AA124B	-0.097	-3680.097	3680.000
50	AA189B	-0.040	-3641.040	3641.000
50	AA190B	-0.166	-3658.166	3658.000
50	BB41B	-0.021	-4053.021	4053.000
50	BB38B	0.019	-3827.981	3828.000
50	CC20B	0.058	-3883.942	3884.000
50	CC10B	-0.089	-4050.089	4050.000
50	CC15B	-0.176	-4099.176	4099.000
50	CC13B	-0.202	-3771.202	3771.000
50	CC3B	-0.117	-253.117	253.000
50	CC16B	-0.069	-4156.069	4156.000
50	CC35B	-0.098	-3712.098	3712.000
50	CC47B	-0.021	-3744.021	3744.000
50	CC54B	-0.343	-4292.343	4292.000
50	CC51B	-0.067	-3331.067	3331.000
50	CC55B	-0.120	-3570.120	3570.000
55	A114B	-0.206	-71.388	71.182
55	A115B	-0.062	-575.704	575.642
55	A116B	-0.203	-639.112	638.909
55	A120B	-0.129	-757.133	757.004
55	A121B	-0.038	-576.496	576.458
55	A123B	-0.062	-891.825	891.763
55	A124B	-0.097	-523.949	523.852
55	A189B	-0.040	-806.349	806.309
55	A190B	-0.166	-785.787	785.621
55	B41B	-0.021	-648.436	648.415
55	B38B	0.019	-706.527	706.546
55	C20B	0.058	-1001.942	1002.000
55	C10B	-0.089	-1277.089	1277.000
55	C15B	-0.176	-874.910	874.734
55	C13B	-0.202	-1030.685	1030.483
55	C3B	-0.117	-77.448	77.331
55	C16B	-0.069	-1028.315	1028.246
55	C35B	-0.098	-826.651	826.553
55	C47B	-0.021	-1030.685	1030.664
55	C54B	-0.343	-953.137	952.794
55	C51B	-0.067	-939.040	938.973
55	C55B	-0.120	-959.433	959.313
	Max	0.058	-0.136	4292.000
	Average	-0.101	-2084.189	2084.088
	Min	-0.343	-4292.343	0.089
	Std Dev	0.088	1586.647	1586.651

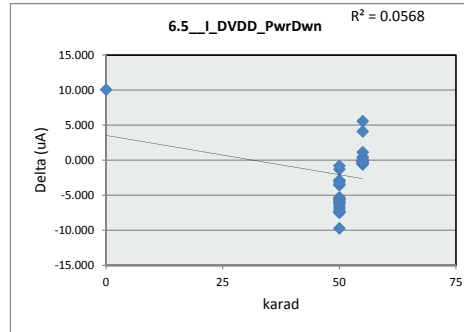


6.4_I_AVSS_PwrDwn			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	5000	uA	
Min Limit	-5000	uA	
karad	0	50	55
LL	-5000.000	-5000.000	-5000.000
Min	-0.136	-4292.343	-1277.089
Average	-0.136	-3491.198	-771.911
Max	-0.136	-253.117	-71.388
UL	5000.000	5000.000	5000.000

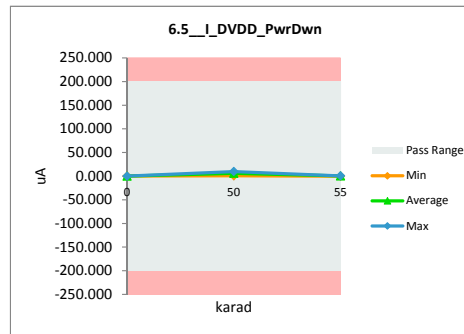


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6.5_I_DVDD_PwrDwn				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	200	200		
Min Limit	-200	-200		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	10.344	0.287	10.057
50	AA114B	0.086	1.397	-1.311
50	AA115B	0.658	6.311	-5.653
50	AA116B	0.702	6.659	-5.957
50	AA120B	0.204	6.287	-6.083
50	AA121B	0.216	7.611	-7.395
50	AA123B	0.049	3.611	-3.562
50	AA124B	0.534	5.823	-5.289
50	AA189B	0.191	7.052	-6.861
50	AA190B	0.084	3.544	-3.460
50	BB41B	6.388	9.249	-2.861
50	BB38B	4.819	7.735	-2.916
50	CC20B	0.885	7.424	-6.539
50	CC10B	0.111	7.505	-7.394
50	CC15B	0.413	7.626	-7.213
50	CC13B	0.081	3.285	-3.204
50	CC3B	0.136	0.933	-0.797
50	CC16B	1.027	8.534	-7.507
50	CC35B	1.522	7.329	-5.807
50	CC47B	0.278	5.719	-5.441
50	CC54B	0.107	9.840	-9.733
50	CC51B	0.110	6.277	-6.167
50	CC55B	0.333	5.896	-5.563
55	A114B	0.086	0.375	-0.289
55	A115B	0.658	0.623	0.035
55	A116B	0.702	0.702	0.000
55	A120B	0.204	0.542	-0.338
55	A121B	0.216	0.797	-0.581
55	A123B	0.049	0.191	-0.142
55	A124B	0.534	0.623	-0.089
55	A189B	0.191	0.642	-0.451
55	A190B	0.084	0.270	-0.186
55	B41B	6.388	0.821	5.567
55	B38B	4.819	0.718	4.101
55	C20B	0.885	0.482	0.403
55	C10B	0.111	0.620	-0.509
55	C15B	0.413	0.503	-0.090
55	C13B	0.081	0.073	0.008
55	C3B	0.136	0.321	-0.185
55	C16B	1.027	0.600	0.427
55	C35B	1.522	0.381	1.141
55	C47B	0.278	0.483	-0.205
55	C54B	0.107	0.686	-0.579
55	C51B	0.110	0.429	-0.319
55	C55B	0.333	0.398	-0.065
	Max	10.344	9.840	10.057
	Average	1.071	3.271	-2.200
	Min	0.049	0.073	-9.733
	Std Dev	2.107	3.285	3.859

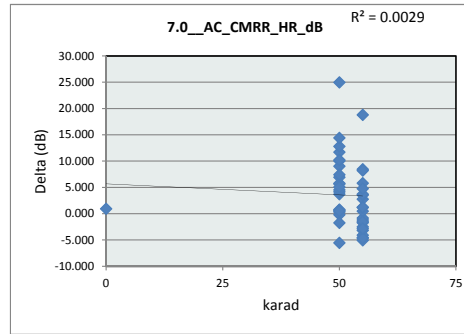


6.5_I_DVDD_PwrDwn			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	200	uA	
Min Limit	-200	uA	
karad	0	50	55
LL	-200.000	-200.000	-200.000
Min	0.287	0.933	0.073
Average	0.287	6.166	0.513
Max	0.287	9.840	0.821
UL	200.000	200.000	200.000

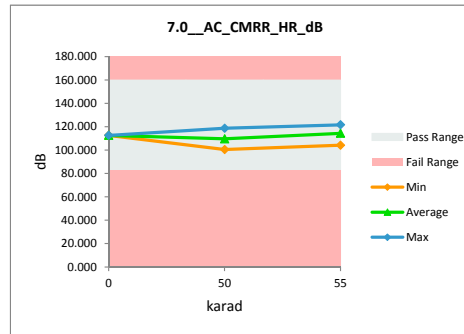


TID HDR TDE Report

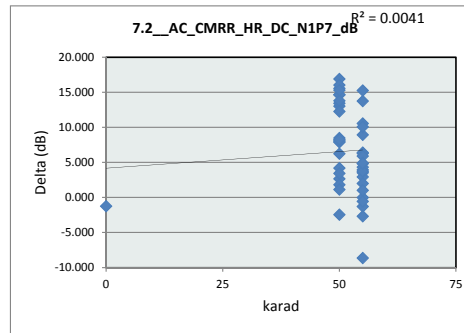
7.0_AC_CMRR_HR_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	83	83		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	113.582	112.645	0.937
50	AA114B	119.693	114.041	5.652
50	AA115B	116.165	112.479	3.686
50	AA116B	112.481	111.831	0.650
50	AA120B	127.414	102.436	24.978
50	AA121B	106.976	106.210	0.766
50	AA123B	110.623	110.297	0.326
50	AA124B	120.814	109.112	11.702
50	AA189B	121.561	108.769	12.792
50	AA190B	116.665	112.519	4.146
50	BB41B	116.295	106.285	10.010
50	BB38B	118.558	118.761	-0.203
50	CC20B	109.556	100.529	9.027
50	CC10B	110.950	105.193	5.757
50	CC15B	109.151	104.622	4.529
50	CC13B	112.443	118.009	-5.566
50	CC3B	113.882	115.631	-1.749
50	CC16B	116.370	109.438	6.932
50	CC35B	116.750	116.249	0.501
50	CC47B	117.926	107.731	10.195
50	CC54B	114.983	107.591	7.392
50	CC51B	113.977	108.907	5.070
50	CC55B	121.492	107.094	14.398
55	A114B	119.693	111.237	8.456
55	A115B	116.165	117.363	-1.198
55	A116B	112.481	117.021	-4.540
55	A120B	127.414	108.623	18.791
55	A121B	106.976	104.218	2.758
55	A123B	110.623	107.067	3.556
55	A124B	120.814	115.024	5.790
55	A189B	121.561	113.350	8.211
55	A190B	116.665	117.510	-0.845
55	B41B	116.295	121.354	-5.059
55	B38B	118.558	121.739	-3.181
55	C20B	109.556	109.100	0.456
55	C10B	110.950	109.738	1.212
55	C15B	109.151	113.249	-4.098
55	C13B	112.443	117.118	-4.675
55	C3B	113.882	116.407	-2.525
55	C16B	116.370	118.100	-1.730
55	C35B	116.750	118.303	-1.553
55	C47B	117.926	120.783	-2.857
55	C54B	114.983	111.283	3.700
55	C51B	113.977	112.768	1.209
55	C55B	121.492	116.738	4.754
	Max	127.414	121.739	24.978
	Average	115.623	112.099	3.524
	Min	106.976	100.529	-5.566
	Std Dev	4.759	5.266	6.470



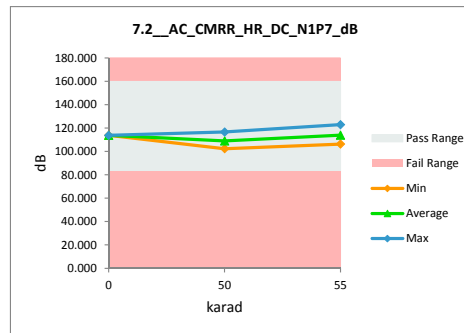
7.0_AC_CMRR_HR_dB			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	160	dB	
Min Limit	83	dB	
karad	0	50	55
LL	83.000	83.000	83.000
Min	112.645	100.529	104.218
Average	112.645	109.715	114.459
Max	112.645	118.761	121.739
UL	160.000	160.000	160.000



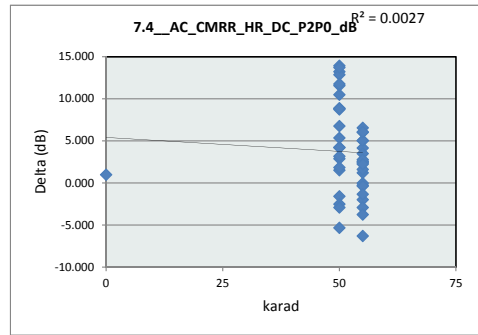
7.2_AC_CMRR_HR_DC_N1P7_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	83	83		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	112.626	113.850	-1.224
50	AA114B	116.307	113.640	2.667
50	AA115B	117.401	109.445	7.956
50	AA116B	121.172	108.140	13.032
50	AA120B	119.950	106.504	13.446
50	AA121B	115.786	107.624	8.162
50	AA123B	110.852	109.030	1.822
50	AA124B	121.935	109.655	12.280
50	AA189B	122.877	108.218	14.659
50	AA190B	118.798	110.908	7.890
50	BB41B	125.826	110.257	15.569
50	BB38B	117.827	116.697	1.130
50	CC20B	119.325	102.417	16.908
50	CC10B	110.115	105.916	4.199
50	CC15B	114.404	105.917	8.487
50	CC13B	117.463	111.208	6.255
50	CC3B	113.601	110.169	3.432
50	CC16B	124.673	108.624	16.049
50	CC35B	119.538	111.275	8.263
50	CC47B	121.940	107.275	14.665
50	CC54B	110.246	112.701	-2.455
50	CC51B	122.705	108.897	13.808
50	CC55B	120.115	104.808	15.307
55	A114B	116.307	112.777	3.530
55	A115B	117.401	114.467	2.934
55	A116B	121.172	117.228	3.944
55	A120B	119.950	121.223	-1.273
55	A121B	115.786	109.493	6.293
55	A123B	110.852	106.508	4.344
55	A124B	121.935	112.996	8.939
55	A189B	122.877	116.459	6.418
55	A190B	118.798	108.224	10.574
55	B41B	125.826	110.567	15.259
55	B38B	117.827	117.820	0.007
55	C20B	119.325	113.412	5.913
55	C10B	110.115	108.101	2.014
55	C15B	114.404	123.038	-8.634
55	C13B	117.463	113.718	3.745
55	C3B	113.601	112.581	1.020
55	C16B	124.673	119.831	4.842
55	C35B	119.538	114.629	4.909
55	C47B	121.940	122.488	-0.548
55	C54B	110.246	112.915	-2.669
55	C51B	122.705	112.624	10.081
55	C55B	120.115	106.351	13.764
	Max	125.826	123.038	16.908
	Average	118.185	111.569	6.616
	Min	110.115	102.417	-8.634
	Std Dev	4.439	4.694	6.086



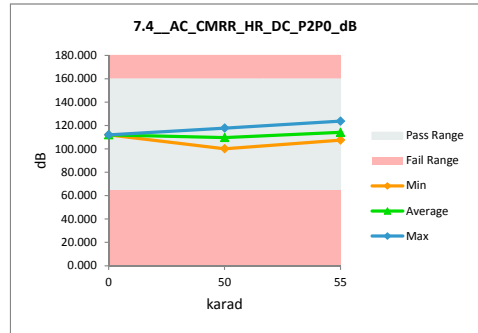
7.2_AC_CMRR_HR_DC_N1P7			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	160	dB	
Min Limit	83	dB	
karad	0	50	55
LL	83.000	83.000	83.000
Min	113.850	102.417	106.351
Average	113.850	109.060	113.975
Max	113.850	116.697	123.038
UL	160.000	160.000	160.000



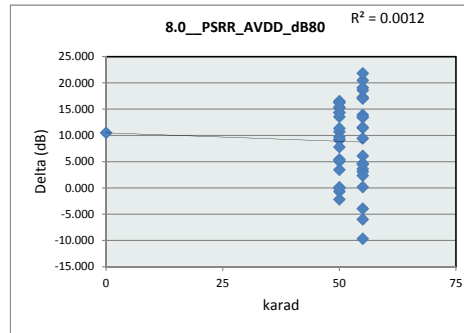
7.4_AC_CMRR_HR_DC_P2P0_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	65	65		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	113.096	112.129	0.967
50	AA114B	118.983	116.109	2.874
50	AA115B	118.677	113.326	5.351
50	AA116B	114.606	110.426	4.180
50	AA120B	117.264	104.040	13.224
50	AA121B	105.609	107.201	-1.592
50	AA123B	109.366	111.885	-2.519
50	AA124B	123.474	110.616	12.858
50	AA189B	123.567	109.643	13.924
50	AA190B	119.555	109.067	10.488
50	BB41B	116.248	107.385	8.863
50	BB38B	119.353	117.848	1.505
50	CC20B	108.941	100.211	8.730
50	CC10B	110.259	106.027	4.232
50	CC15B	108.873	105.709	3.164
50	CC13B	113.298	116.224	-2.926
50	CC3B	111.391	116.730	-5.339
50	CC16B	119.748	110.894	8.854
50	CC35B	117.731	115.896	1.835
50	CC47B	119.885	106.161	13.724
50	CC54B	117.701	106.127	11.574
50	CC51B	114.631	107.868	6.763
50	CC55B	118.313	106.546	11.767
55	A114B	118.983	119.266	-0.283
55	A115B	118.677	118.716	-0.039
55	A116B	114.606	112.122	2.484
55	A120B	117.264	123.579	-6.315
55	A121B	105.609	107.595	-1.986
55	A123B	109.366	108.171	1.195
55	A124B	123.474	123.847	-0.373
55	A189B	123.567	117.023	6.544
55	A190B	119.555	114.557	4.998
55	B41B	116.248	119.167	-2.919
55	B38B	119.353	115.210	4.143
55	C20B	108.941	110.286	-1.345
55	C10B	110.259	107.678	2.581
55	C15B	108.873	112.632	-3.759
55	C13B	113.298	109.807	3.491
55	C3B	111.391	109.033	2.358
55	C16B	119.748	118.149	1.599
55	C35B	117.731	111.721	6.010
55	C47B	119.885	117.126	2.759
55	C54B	117.701	115.478	2.223
55	C51B	114.631	109.584	5.047
55	C55B	118.313	112.264	6.049
	Max	123.567	123.847	13.924
	Average	115.734	112.024	3.710
	Min	105.609	100.211	-6.315
	Std Dev	4.841	5.185	5.218



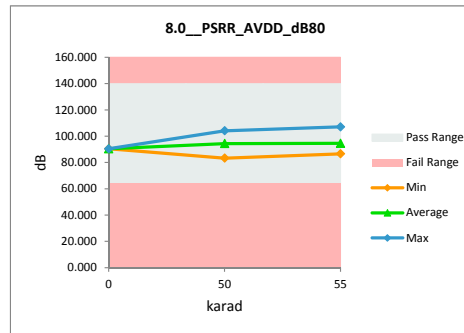
7.4_AC_CMRR_HR_DC_P2P0			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	160	dB	
Min Limit	65	dB	
karad	0	50	55
LL	65.000	65.000	65.000
Min	112.129	100.211	107.595
Average	112.129	109.815	114.228
Max	112.129	117.848	123.847
UL	160.000	160.000	160.000



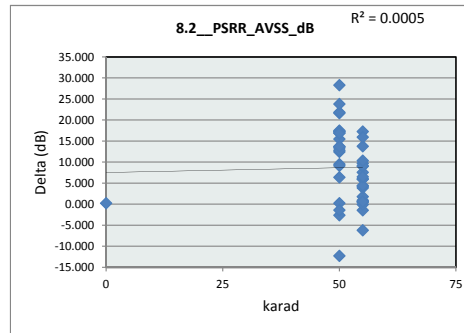
8.0_PSRR_AVDD_dB80				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	64	64		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	100.977	90.496	10.481
50	AA114B	106.361	92.840	13.521
50	AA115B	107.840	98.731	9.109
50	AA116B	107.816	97.112	10.704
50	AA120B	105.660	95.963	9.697
50	AA121B	93.714	88.593	5.121
50	AA123B	100.755	95.310	5.445
50	AA124B	113.855	97.536	16.319
50	AA189B	100.563	91.307	9.256
50	AA190B	100.358	85.156	15.202
50	BB41B	97.654	83.334	14.320
50	BB38B	101.998	87.637	14.361
50	CC20B	95.982	95.856	0.126
50	CC10B	97.218	97.905	-0.687
50	CC15B	100.150	83.626	16.524
50	CC13B	109.233	93.026	16.207
50	CC3B	106.675	91.268	15.407
50	CC16B	110.580	102.805	7.775
50	CC35B	97.466	92.380	5.086
50	CC47B	106.800	103.337	3.463
50	CC54B	101.968	104.154	-2.186
50	CC51B	108.532	97.182	11.350
50	CC55B	102.805	102.871	-0.066
55	A114B	106.361	94.845	11.516
55	A115B	107.840	90.590	17.250
55	A116B	107.816	103.141	4.675
55	A120B	105.660	87.066	18.594
55	A121B	93.714	99.710	-5.996
55	A123B	100.755	89.310	11.445
55	A124B	113.855	93.365	20.490
55	A189B	100.563	86.654	13.909
55	A190B	100.358	90.932	9.426
55	B41B	97.654	91.547	6.107
55	B38B	101.998	88.528	13.470
55	C20B	95.982	92.878	3.104
55	C10B	97.218	97.054	0.164
55	C15B	100.150	96.542	3.608
55	C13B	109.233	90.151	19.082
55	C3B	106.675	89.671	17.004
55	C16B	110.580	88.751	21.829
55	C35B	97.466	107.143	-9.677
55	C47B	106.800	93.344	13.456
55	C54B	101.968	105.918	-3.950
55	C51B	108.532	106.176	2.356
55	C55B	102.805	98.312	4.493
	Max	113.855	107.143	21.829
	Average	103.310	94.446	8.864
	Min	93.714	83.334	-9.677
	Std Dev	5.196	6.172	7.475



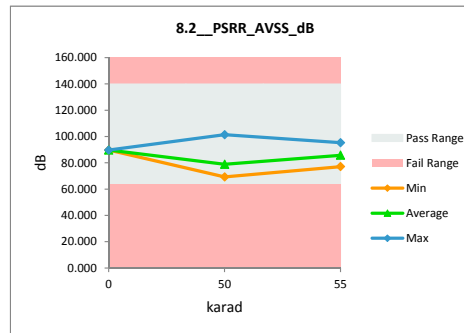
8.0_PSRR_AVDD_dB80			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	140	dB	
Min Limit	64	dB	
karad	0	50	55
LL	64.000	64.000	64.000
Min	90.496	83.334	86.654
Average	90.496	94.451	94.619
Max	90.496	104.154	107.143
UL	140.000	140.000	140.000



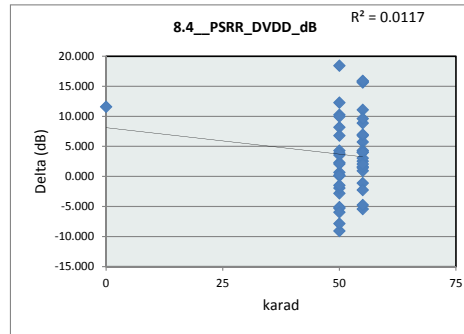
8.2_PSRR_AVSS_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	64	64		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	89.926	89.720	0.206
50	AA114B	92.361	95.007	-2.646
50	AA115B	90.499	76.864	13.635
50	AA116B	89.878	72.617	17.261
50	AA120B	88.158	72.707	15.451
50	AA121B	89.334	71.836	17.498
50	AA123B	94.541	72.903	21.638
50	AA124B	88.719	71.486	17.233
50	AA189B	90.628	73.702	16.926
50	AA190B	90.606	84.223	6.383
50	BB41B	92.067	79.650	12.417
50	BB38B	89.264	75.878	13.386
50	CC20B	89.127	101.427	-12.300
50	CC10B	94.318	77.424	16.894
50	CC15B	89.483	79.980	9.503
50	CC13B	99.438	71.147	28.291
50	CC3B	91.428	91.215	0.213
50	CC16B	89.455	76.664	12.791
50	CC35B	89.918	91.336	-1.418
50	CC47B	89.278	80.167	9.111
50	CC54B	92.515	78.777	13.738
50	CC51B	93.183	71.367	21.816
50	CC55B	93.099	69.283	23.816
55	A114B	92.361	91.869	0.492
55	A115B	90.499	89.583	0.916
55	A116B	89.878	80.181	9.697
55	A120B	88.158	82.233	5.925
55	A121B	89.334	81.771	7.563
55	A123B	94.541	80.777	13.764
55	A124B	88.719	86.950	1.769
55	A189B	90.628	81.641	8.987
55	A190B	90.606	92.046	-1.440
55	B41B	92.067	82.969	9.098
55	B38B	89.264	85.407	3.857
55	C20B	89.127	95.349	-6.222
55	C10B	94.318	84.002	10.316
55	C15B	89.483	85.239	4.244
55	C13B	99.438	82.188	17.250
55	C3B	91.428	90.869	0.559
55	C16B	89.455	83.474	5.981
55	C35B	89.918	85.523	4.395
55	C47B	89.278	89.362	-0.084
55	C54B	92.515	86.039	6.476
55	C51B	93.183	92.582	0.601
55	C55B	93.099	77.167	15.932
	Max	99.438	101.427	28.291
	Average	91.212	82.502	8.709
	Min	88.158	69.283	-12.300
	Std Dev	2.542	7.732	8.566



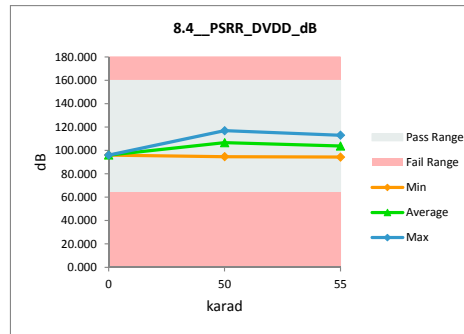
8.2_PSRR_AVSS_dB			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	140	dB	
Min Limit	64	dB	
karad	0	50	55
LL	64.000	64.000	64.000
Min	89.720	69.283	77.167
Average	89.720	78.894	85.783
Max	89.720	101.427	95.349
UL	140.000	140.000	140.000



8.4_PSRR_DVDD_dB				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	64	64		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	107.697	96.096	11.601
50	AA114B	107.832	95.544	12.288
50	AA115B	103.696	108.967	-5.271
50	AA116B	113.196	94.749	18.447
50	AA120B	106.898	96.625	10.273
50	AA121B	111.896	116.983	-5.087
50	AA123B	111.366	107.067	4.299
50	AA124B	108.674	105.123	3.551
50	AA189B	114.030	113.334	0.696
50	AA190B	103.449	103.340	0.109
50	BB41B	114.426	106.236	8.190
50	BB38B	105.824	108.630	-2.806
50	CC20B	108.133	105.832	2.301
50	CC10B	111.137	109.036	2.101
50	CC15B	107.791	113.740	-5.949
50	CC13B	104.017	113.079	-9.062
50	CC3B	104.652	97.834	6.818
50	CC16B	104.143	111.981	-7.838
50	CC35B	110.205	100.230	9.975
50	CC47B	107.565	109.501	-1.936
50	CC54B	110.617	110.422	0.195
50	CC51B	108.251	109.736	-1.485
50	CC55B	113.643	109.766	3.877
55	A114B	107.832	101.037	6.795
55	A115B	103.696	101.140	2.556
55	A116B	113.196	110.136	3.060
55	A120B	106.898	107.986	-1.088
55	A121B	111.896	103.019	8.877
55	A123B	111.366	105.618	5.748
55	A124B	108.674	107.220	1.454
55	A189B	114.030	113.073	0.957
55	A190B	103.449	105.701	-2.252
55	B41B	114.426	98.773	15.653
55	B38B	105.824	111.245	-5.421
55	C20B	108.133	97.043	11.090
55	C10B	111.137	109.525	1.612
55	C15B	107.791	112.532	-4.741
55	C13B	104.017	99.944	4.073
55	C3B	104.652	100.308	4.344
55	C16B	104.143	102.062	2.081
55	C35B	110.205	94.384	15.821
55	C47B	107.565	97.943	9.622
55	C54B	110.617	94.701	15.916
55	C51B	108.251	101.277	6.974
55	C55B	113.643	109.637	4.006
	Max	114.426	116.983	18.447
	Average	108.680	105.070	3.609
	Min	103.449	94.384	-9.062
	Std Dev	3.452	6.197	6.687

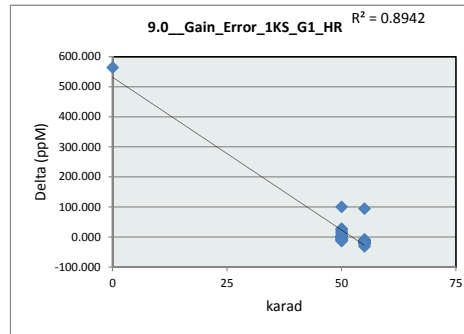


8.4_PSRR_DVDD_dB			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	160	dB	
Min Limit	64	dB	
karad	0	50	55
LL	64.000	64.000	64.000
Min	96.096	94.749	94.384
Average	96.096	106.716	103.832
Max	96.096	116.983	113.073
UL	160.000	160.000	160.000

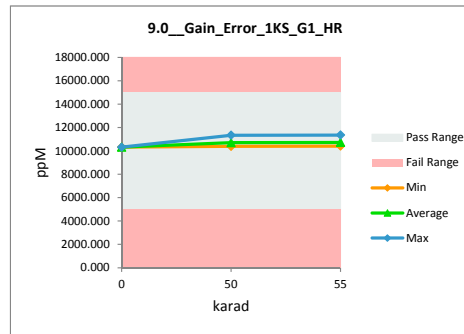


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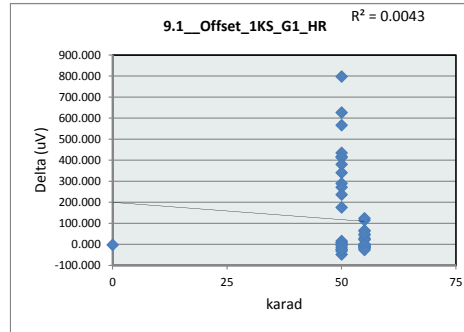
9.0_Gain_Error_1KS_G1_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	ppM	ppM		
Max Limit	15000	15000		
Min Limit	5000	5000		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	10889.894	10325.600	564.294
50	AA114B	10516.787	10493.866	22.921
50	AA115B	10629.584	10626.787	2.797
50	AA116B	10604.354	10576.674	27.680
50	AA120B	10727.554	10702.661	24.893
50	AA121B	10538.495	10526.651	11.844
50	AA123B	10953.578	10952.034	1.544
50	AA124B	10659.124	10665.619	-6.495
50	AA189B	10684.460	10679.166	5.294
50	AA190B	10619.743	10625.901	-6.158
50	BB41B	10398.773	10397.079	1.694
50	BB38B	10939.146	10940.036	-0.890
50	CC20B	10641.724	10644.537	-2.813
50	CC10B	11152.549	11163.159	-10.610
50	CC15B	10479.683	10490.964	-11.281
50	CC13B	11354.173	11350.909	3.264
50	CC3B	10622.074	10606.119	15.955
50	CC16B	10806.638	10809.153	-2.516
50	CC35B	10596.757	10579.937	16.820
50	CC47B	10453.860	10462.554	-8.693
50	CC54B	11019.891	11028.072	-8.182
50	CC51B	10699.770	10713.601	-13.831
50	CC55B	10690.318	10590.025	100.293
55	A114B	10516.787	10541.486	-24.699
55	A115B	10629.584	10646.006	-16.422
55	A116B	10604.354	10623.146	-18.793
55	A120B	10727.554	10739.512	-11.958
55	A121B	10538.495	10569.582	-31.087
55	A123B	10953.578	10974.669	-21.091
55	A124B	10659.124	10670.525	-11.401
55	A189B	10684.460	10700.821	-16.361
55	A190B	10619.743	10642.552	-22.809
55	B41B	10398.773	10416.566	-17.793
55	B38B	10939.146	10958.340	-19.193
55	C20B	10641.724	10659.888	-18.164
55	C10B	11152.549	11170.569	-18.021
55	C15B	10479.683	10499.226	-19.543
55	C13B	11354.173	11362.100	-7.927
55	C3B	10622.074	10636.027	-13.953
55	C16B	10806.638	10820.947	-14.310
55	C35B	10596.757	10614.676	-17.919
55	C47B	10453.860	10465.350	-11.489
55	C54B	11019.891	11031.407	-11.517
55	C51B	10699.770	10719.381	-19.611
55	C55B	10690.318	10596.170	94.148
Max		11354.173	11362.100	564.294
Average		10721.510	10711.334	10.176
Min		10398.773	10325.600	-31.087
Std Dev		231.449	239.645	88.274



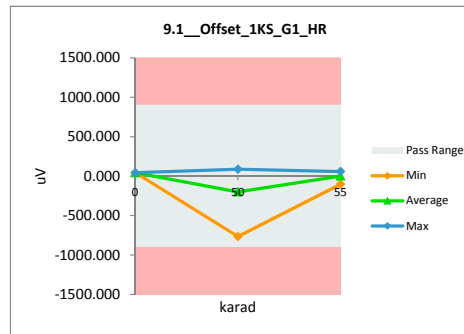
9.0_Gain_Error_1KS_G1_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	15000	ppM	
Min Limit	5000	ppM	
karad	0	50	55
LL	5000.000	5000.000	5000.000
Min	10325.600	10397.079	10416.566
Average	10325.600	10710.250	10729.952
Max	10325.600	11350.909	11362.100
UL	15000.000	15000.000	15000.000



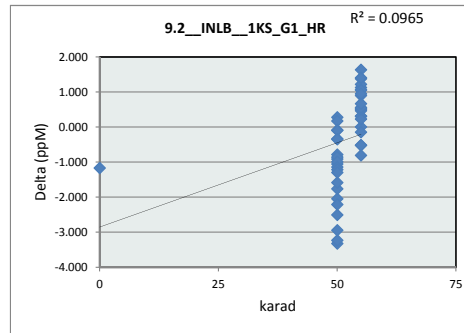
9.1_Offset_1KS_G1_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	900	900		
Min Limit	-900	-900		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	41.466	44.094	-2.628
50	AA114B	2.422	5.046	-2.624
50	AA115B	23.304	7.849	15.455
50	AA116B	41.188	89.124	-47.936
50	AA120B	33.422	58.098	-24.676
50	AA121B	25.689	-263.648	289.337
50	AA123B	5.075	-411.391	416.466
50	AA124B	35.318	-305.385	340.703
50	AA189B	14.518	-256.624	271.142
50	AA190B	13.642	-612.576	626.218
50	BB41B	16.374	-550.143	566.517
50	BB38B	24.059	-410.618	434.677
50	CC20B	33.090	-203.282	236.372
50	CC10B	7.002	39.487	-32.485
50	CC15B	32.091	-765.298	797.389
50	CC13B	12.542	-400.835	413.377
50	CC3B	21.711	37.943	-16.232
50	CC16B	22.433	13.803	8.630
50	CC35B	24.346	-355.862	380.208
50	CC47B	30.391	24.466	5.925
50	CC54B	-3.622	2.709	-6.331
50	CC51B	10.961	-164.125	175.086
50	CC55B	27.033	52.217	-25.184
55	A114B	2.422	10.981	-8.559
55	A115B	23.304	32.926	-9.622
55	A116B	41.188	58.983	-17.795
55	A120B	33.422	41.684	-8.262
55	A121B	25.689	31.212	-5.523
55	A123B	5.075	-60.459	65.534
55	A124B	35.318	34.151	1.167
55	A189B	14.518	-7.227	21.745
55	A190B	13.642	-101.164	114.806
55	B41B	16.374	-11.866	28.240
55	B38B	24.059	-19.948	44.007
55	C20B	33.090	8.879	24.211
55	C10B	7.002	26.955	-19.953
55	C15B	32.091	-91.374	123.465
55	C13B	12.542	-51.162	63.704
55	C3B	21.711	34.319	-12.608
55	C16B	22.433	32.587	-10.154
55	C35B	24.346	-25.127	49.473
55	C47B	30.391	38.898	-8.507
55	C54B	-3.622	11.518	-15.140
55	C51B	10.961	13.714	-2.753
55	C55B	27.033	54.251	-27.218
	Max	41.466	89.124	797.389
	Average	21.054	-94.716	115.770
	Min	-3.622	-765.298	-47.936
	Std Dev	11.892	204.732	204.163



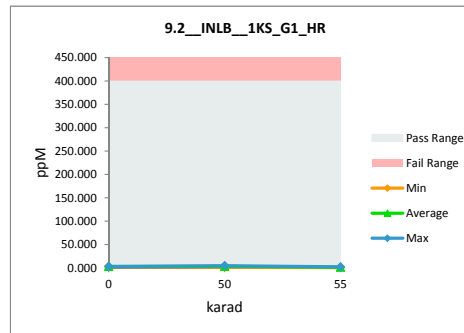
9.1_Offset_1KS_G1_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	900	uV	
Min Limit	-900	uV	
karad	0	50	55
LL	-900.000	-900.000	-900.000
Min	44.094	-765.298	-101.164
Average	44.094	-198.593	2.851
Max	44.094	89.124	58.983
UL	900.000	900.000	900.000



9.2_INLB_1KS_G1_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	ppM	ppM		
Max Limit	400	400		
Min Limit	0			
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	2.178	3.350	-1.172
50	AA114B	2.421	4.468	-2.047
50	AA115B	2.506	2.843	-0.337
50	AA116B	1.756	5.080	-3.324
50	AA120B	2.572	5.081	-2.509
50	AA121B	2.266	3.182	-0.916
50	AA123B	1.401	2.459	-1.058
50	AA124B	1.714	3.926	-2.212
50	AA189B	2.858	3.646	-0.788
50	AA190B	2.322	2.045	0.277
50	BB41B	3.179	4.038	-0.859
50	BB38B	2.243	2.072	0.171
50	CC20B	2.244	4.009	-1.765
50	CC10B	1.951	2.941	-0.990
50	CC15B	1.613	2.757	-1.144
50	CC13B	2.921	3.009	-0.088
50	CC3B	1.798	5.032	-3.234
50	CC16B	1.307	2.521	-1.214
50	CC35B	2.035	4.980	-2.945
50	CC47B	1.325	2.908	-1.583
50	CC54B	2.563	3.861	-1.298
50	CC51B	1.958	2.054	-0.096
50	CC55B	2.667	3.015	-0.348
55	A114B	2.421	1.955	0.466
55	A115B	2.506	2.505	0.001
55	A116B	1.756	1.453	0.303
55	A120B	2.572	1.515	1.057
55	A121B	2.266	1.953	0.313
55	A123B	1.401	1.919	-0.518
55	A124B	1.714	2.524	-0.810
55	A189B	2.858	1.481	1.377
55	A190B	2.322	1.198	1.124
55	B41B	3.179	1.545	1.634
55	B38B	2.243	1.347	0.896
55	C20B	2.244	2.017	0.227
55	C10B	1.951	1.420	0.531
55	C15B	1.613	1.113	0.500
55	C13B	2.921	1.705	1.216
55	C3B	1.798	1.242	0.556
55	C16B	1.307	1.455	-0.148
55	C35B	2.035	1.372	0.663
55	C47B	1.325	1.845	-0.520
55	C54B	2.563	1.506	1.057
55	C51B	1.958	1.012	0.946
55	C55B	2.667	1.262	1.405
	Max	3.179	5.081	1.634
	Average	2.165	2.547	-0.382
	Min	1.307	1.012	-3.324
	Std Dev	0.515	1.200	1.273

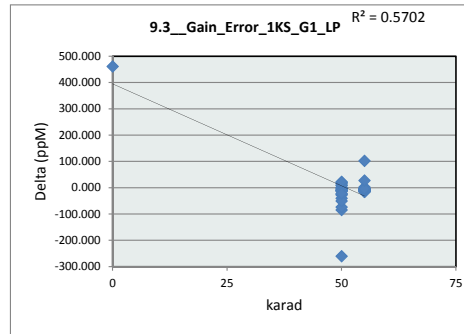


9.2_INLB_1KS_G1_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	400	ppM	
Min Limit	0	ppM	
karad	0	50	55
LL	0.000	0.000	0.000
Min	3.350	2.045	1.012
Average	3.350	3.451	1.607
Max	3.350	5.081	2.524
UL	400.000	400.000	400.000

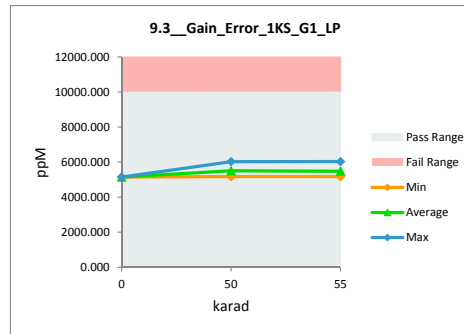


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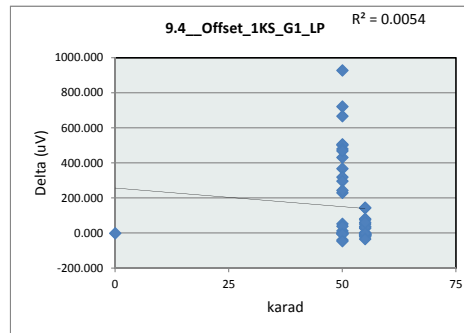
9.3_Gain_Error_1KS_G1_LP				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	ppM	ppM		
Max Limit	10000	10000		
Min Limit	0	0		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	5610.822	5149.218	461.604
50	AA114B	5198.712	5178.693	20.019
50	AA115B	5483.750	5523.791	-40.041
50	AA116B	5478.459	5461.547	16.912
50	AA120B	5526.892	5787.211	-260.319
50	AA121B	5359.547	5387.077	-27.530
50	AA123B	5616.574	5624.119	-7.545
50	AA124B	5535.766	5548.574	-12.808
50	AA189B	5448.588	5449.705	-1.117
50	AA190B	5403.441	5487.975	-84.534
50	BB41B	5243.629	5245.107	-1.478
50	BB38B	5744.605	5754.214	-9.609
50	CC20B	5399.780	5412.789	-13.009
50	CC10B	5707.854	5781.546	-73.692
50	CC15B	5274.598	5299.611	-25.013
50	CC13B	6032.417	6030.502	1.915
50	CC3B	5395.636	5385.868	9.768
50	CC16B	5579.919	5588.267	-8.348
50	CC35B	5405.040	5395.234	9.806
50	CC47B	5176.372	5226.774	-50.402
50	CC54B	5706.217	5716.497	-10.280
50	CC51B	5470.285	5492.253	-21.968
50	CC55B	5411.736	5389.232	22.504
55	A114B	5198.712	5208.869	-10.157
55	A115B	5483.750	5492.841	-9.091
55	A116B	5478.459	5487.152	-8.693
55	A120B	5526.892	5529.798	-2.906
55	A121B	5359.547	5375.507	-15.960
55	A123B	5616.574	5627.062	-10.488
55	A124B	5535.766	5533.351	2.415
55	A189B	5448.588	5455.921	-7.333
55	A190B	5403.441	5412.842	-9.401
55	B41B	5243.629	5250.636	-7.007
55	B38B	5744.605	5757.149	-12.544
55	C20B	5399.780	5407.090	-7.310
55	C10B	5707.854	5722.903	-15.049
55	C15B	5274.598	5288.315	-13.717
55	C13B	6032.417	6035.253	-2.836
55	C3B	5395.636	5404.047	-8.411
55	C16B	5579.919	5588.493	-8.574
55	C35B	5405.040	5411.103	-6.063
55	C47B	5176.372	5180.942	-4.570
55	C54B	5706.217	5710.497	-4.280
55	C51B	5470.285	5442.896	27.389
55	C55B	5411.736	5309.490	102.246
	Max	6032.417	6035.253	461.604
	Average	5484.677	5487.732	-3.056
	Min	5176.372	5149.218	-260.319
	Std Dev	194.814	207.673	84.470



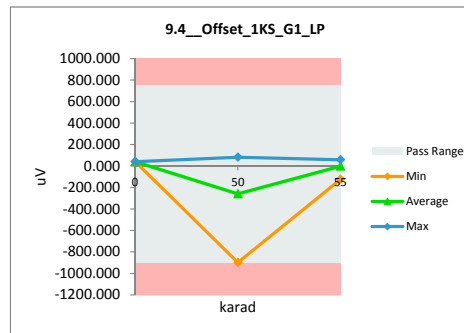
9.3_Gain_Error_1KS_G1_LP			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10000	ppM	
Min Limit	0	ppM	
karad	0	50	55
LL	0.000	0.000	0.000
Min	5149.218	5178.693	5180.942
Average	5149.218	5507.572	5483.280
Max	5149.218	6030.502	6035.253
UL	10000.000	10000.000	10000.000



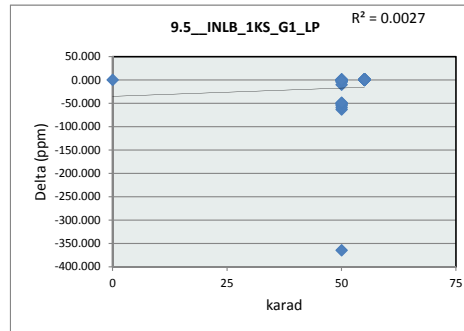
9.4_Offset_1KS_G1_LP				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uV	uV		
Max Limit	750	750		
Min Limit	-900	-900		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	39.495	41.085	-1.590
50	AA114B	4.539	-7.197	11.736
50	AA115B	26.802	-24.973	51.775
50	AA116B	43.074	82.966	-39.892
50	AA120B	37.282	-191.683	228.965
50	AA121B	27.031	-340.011	367.042
50	AA123B	4.349	-496.762	501.111
50	AA124B	37.786	-392.726	430.512
50	AA189B	12.382	-306.280	318.662
50	AA190B	20.264	-701.098	721.362
50	BB41B	17.139	-649.153	666.292
50	BB38B	22.583	-483.085	505.668
50	CC20B	32.673	-263.305	295.978
50	CC10B	6.361	8.910	-2.549
50	CC15B	29.695	-897.422	927.117
50	CC13B	16.270	-462.722	478.992
50	CC3B	26.556	30.231	-3.675
50	CC16B	22.601	21.471	1.130
50	CC35B	29.215	-439.427	468.642
50	CC47B	32.847	-5.199	38.046
50	CC54B	0.893	7.081	-6.188
50	CC51B	7.802	-235.065	242.867
50	CC55B	21.786	68.005	-46.219
55	A114B	4.539	14.456	-9.917
55	A115B	26.802	32.292	-5.490
55	A116B	43.074	58.674	-15.600
55	A120B	37.282	44.929	-7.647
55	A121B	27.031	30.690	-3.659
55	A123B	4.349	-76.251	80.600
55	A124B	37.786	35.730	2.056
55	A189B	12.382	-14.125	26.507
55	A190B	20.264	-122.462	142.726
55	B41B	17.139	-20.079	37.218
55	B38B	22.583	-28.151	50.734
55	C20B	32.673	-0.020	32.693
55	C10B	6.361	27.504	-21.143
55	C15B	29.695	-114.236	143.931
55	C13B	16.270	-59.372	75.642
55	C3B	26.556	36.956	-10.400
55	C16B	22.601	35.807	-13.206
55	C35B	29.215	-31.081	60.296
55	C47B	32.847	44.168	-11.321
55	C54B	0.893	17.142	-16.249
55	C51B	7.802	10.574	-2.772
55	C55B	21.786	56.741	-34.955
	Max	43.074	82.966	927.117
	Average	22.208	-125.699	147.907
	Min	0.893	-897.422	-46.219
	Std Dev	11.969	238.016	237.861



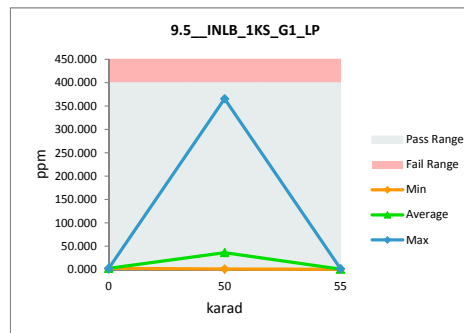
9.4_Offset_1KS_G1_LP			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	750	uV	
Min Limit	-900	uV	
karad	0	50	55
LL	-900.000	-900.000	-900.000
Min	41.085	-897.422	-122.462
Average	41.085	-258.066	-0.914
Max	41.085	82.966	58.674
UL	750.000	750.000	750.000



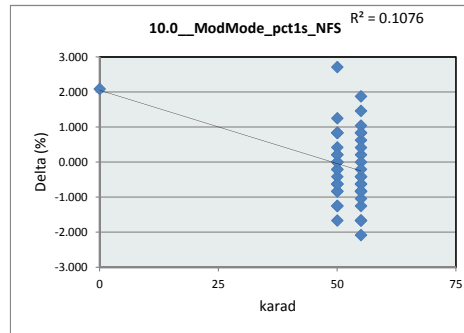
9.5_INLB_1KS_G1_LP				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	ppm	ppm		
Max Limit	400	400		
Min Limit	0	0		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	3.041	2.800	0.241
50	AA114B	0.797	4.362	-3.565
50	AA115B	1.738	64.967	-63.229
50	AA116B	1.707	5.928	-4.221
50	AA120B	0.878	365.663	-364.785
50	AA121B	1.545	52.626	-51.081
50	AA123B	1.777	2.140	-0.363
50	AA124B	1.827	2.754	-0.927
50	AA189B	2.893	1.831	1.062
50	AA190B	2.350	57.488	-55.138
50	BB41B	1.515	1.674	-0.159
50	BB38B	1.254	1.381	-0.127
50	CC20B	1.685	11.741	-10.056
50	CC10B	1.913	60.946	-59.033
50	CC15B	2.537	1.548	0.989
50	CC13B	3.074	2.390	0.684
50	CC3B	2.406	2.529	-0.123
50	CC16B	1.504	2.111	-0.607
50	CC35B	1.806	2.868	-1.062
50	CC47B	1.866	51.534	-49.668
50	CC54B	1.897	2.796	-0.899
50	CC51B	1.546	53.371	-51.825
50	CC55B	1.934	50.736	-48.802
55	A114B	0.797	0.725	0.072
55	A115B	1.738	1.288	0.450
55	A116B	1.707	1.368	0.339
55	A120B	0.878	0.894	-0.016
55	A121B	1.545	1.006	0.539
55	A123B	1.777	1.420	0.357
55	A124B	1.827	1.080	0.747
55	A189B	2.893	1.436	1.457
55	A190B	2.350	1.310	1.040
55	B41B	1.515	0.880	0.635
55	B38B	1.254	1.043	0.211
55	C20B	1.685	1.923	-0.238
55	C10B	1.913	1.661	0.252
55	C15B	2.537	0.990	1.547
55	C13B	3.074	1.801	1.273
55	C3B	2.406	1.127	1.279
55	C16B	1.504	0.772	0.732
55	C35B	1.806	0.736	1.070
55	C47B	1.866	1.305	0.561
55	C54B	1.897	0.807	1.090
55	C51B	1.546	1.033	0.513
55	C55B	1.934	0.946	0.988
	Max	3.074	365.663	1.547
	Average	1.865	18.483	-16.618
	Min	0.797	0.725	-364.785
	Std Dev	0.573	56.551	56.701



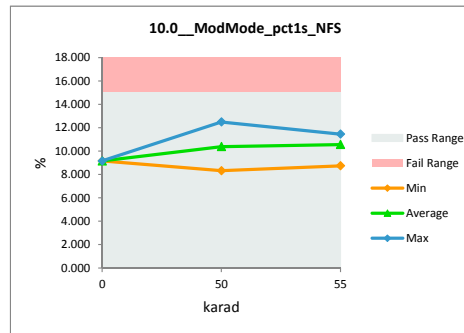
9.5_INLB_1KS_G1_LP			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	400	ppm	
Min Limit	0	ppm	
karad	0	50	55
LL	0.000	0.000	0.000
Min	2.800	1.381	0.725
Average	2.800	36.517	1.161
Max	2.800	365.663	1.923
UL	400.000	400.000	400.000



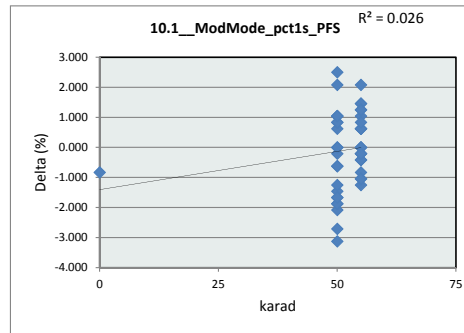
10.0_ModMode_pct1s_NFS				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	15	15		
Min Limit	0	0		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	11.250	9.167	2.083
50	AA114B	10.625	9.792	0.833
50	AA115B	9.792	9.792	0.000
50	AA116B	9.792	10.000	-0.208
50	AA120B	10.208	11.458	-1.250
50	AA121B	11.250	10.000	1.250
50	AA123B	10.208	11.042	-0.834
50	AA124B	10.208	10.000	0.208
50	AA189B	10.208	9.375	0.833
50	AA190B	10.833	11.458	-0.625
50	BB41B	9.375	8.958	0.417
50	BB38B	9.583	9.583	0.000
50	CC20B	11.250	12.500	-1.250
50	CC10B	10.417	11.042	-0.625
50	CC15B	9.583	10.000	-0.417
50	CC13B	10.833	12.500	-1.667
50	CC3B	10.208	10.417	-0.209
50	CC16B	10.625	9.792	0.833
50	CC35B	9.792	10.625	-0.833
50	CC47B	10.417	10.417	0.000
50	CC54B	10.625	11.250	-0.625
50	CC51B	11.042	8.333	2.709
50	CC55B	10.417	10.208	0.209
55	A114B	10.625	9.583	1.042
55	A115B	9.792	10.625	-0.833
55	A116B	9.792	11.042	-1.250
55	A120B	10.208	10.625	-0.417
55	A121B	11.250	10.625	0.625
55	A123B	10.208	8.750	1.458
55	A124B	10.208	10.833	-0.625
55	A189B	10.208	11.250	-1.042
55	A190B	10.833	10.625	0.208
55	B41B	9.375	11.458	-2.083
55	B38B	9.583	11.250	-1.667
55	C20B	11.250	11.250	0.000
55	C10B	10.417	11.042	-0.625
55	C15B	9.583	11.250	-1.667
55	C13B	10.833	10.417	0.416
55	C3B	10.208	10.625	-0.417
55	C16B	10.625	11.458	-0.833
55	C35B	9.792	8.958	0.834
55	C47B	10.417	11.250	-0.833
55	C54B	10.625	10.833	-0.208
55	C51B	11.042	9.167	1.875
55	C55B	10.417	9.583	0.834
	Max	11.250	12.500	2.709
	Average	10.352	10.449	-0.097
	Min	9.375	8.333	-2.083
	Std Dev	0.538	0.940	1.049



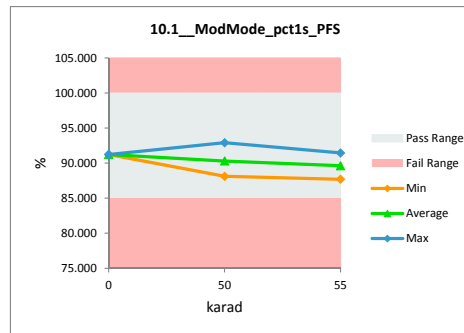
10.0_ModMode_pct1s_NFS			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	15	%	
Min Limit	0	%	
karad	0	50	55
LL	0.000	0.000	0.000
Min	9.167	8.333	8.750
Average	9.167	10.388	10.568
Max	9.167	12.500	11.458
UL	15.000	15.000	15.000



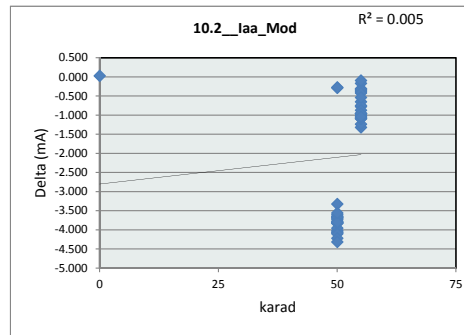
10.1_ModMode_pct1s_PFS				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	100	100		
Min Limit	85	85		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	90.417	91.250	-0.833
50	AA114B	89.792	92.917	-3.125
50	AA115B	91.042	90.000	1.042
50	AA116B	90.208	89.583	0.625
50	AA120B	89.792	90.417	-0.625
50	AA121B	87.917	90.000	-2.083
50	AA123B	90.000	91.458	-1.458
50	AA124B	89.375	88.542	0.833
50	AA189B	89.375	91.042	-1.667
50	AA190B	90.208	91.458	-1.250
50	BB41B	90.000	90.000	0.000
50	BB38B	90.625	89.583	1.042
50	CC20B	88.958	91.667	-2.709
50	CC10B	88.958	90.833	-1.875
50	CC15B	90.625	88.125	2.500
50	CC13B	88.333	90.208	-1.875
50	CC3B	91.042	88.958	2.084
50	CC16B	90.833	90.000	0.833
50	CC35B	89.583	91.250	-1.667
50	CC47B	90.000	88.958	1.042
50	CC54B	90.625	90.833	-0.208
50	CC51B	90.417	91.042	-0.625
50	CC55B	90.000	90.000	0.000
55	A114B	89.792	87.708	2.084
55	A115B	91.042	89.583	1.459
55	A116B	90.208	91.458	-1.250
55	A120B	89.792	90.625	-0.833
55	A121B	87.917	87.917	0.000
55	A123B	90.000	89.375	0.625
55	A124B	89.375	89.583	-0.208
55	A189B	89.375	88.750	0.625
55	A190B	90.208	90.625	-0.417
55	B41B	90.000	90.417	-0.417
55	B38B	90.625	89.583	1.042
55	C20B	88.958	90.000	-1.042
55	C10B	88.958	88.333	0.625
55	C15B	90.625	90.625	0.000
55	C13B	88.333	88.542	-0.209
55	C3B	91.042	89.583	1.459
55	C16B	90.833	89.583	1.250
55	C35B	89.583	90.625	-1.042
55	C47B	90.000	89.167	0.833
55	C54B	90.625	90.625	0.000
55	C51B	90.417	89.167	1.250
55	C55B	90.000	90.208	-0.208
	Max	91.042	92.917	2.500
	Average	89.907	90.005	-0.097
	Min	87.917	87.708	-3.125
	Std Dev	0.812	1.104	1.297



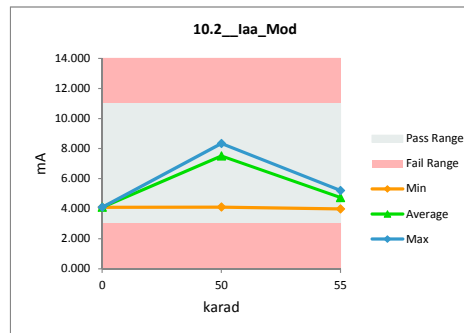
10.1_ModMode_pct1s_PFS			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	100	%	
Min Limit	85	%	
karad	0	50	55
LL	85.000	85.000	85.000
Min	91.250	88.125	87.708
Average	91.250	90.312	89.640
Max	91.250	92.917	91.458
UL	100.000	100.000	100.000



10.2_1aa_Mod				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	11	11		
Min Limit	3	3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	4.125	4.099	0.026
50	AA114B	3.818	4.107	-0.289
50	AA115B	4.076	8.099	-4.023
50	AA116B	4.133	7.797	-3.664
50	AA120B	4.113	7.946	-3.833
50	AA121B	3.898	7.546	-3.648
50	AA123B	3.834	7.442	-3.608
50	AA124B	4.168	7.905	-3.737
50	AA189B	4.076	7.774	-3.698
50	AA190B	4.028	7.708	-3.680
50	BB41B	3.978	8.036	-4.058
50	BB38B	4.219	8.029	-3.810
50	CC20B	3.972	7.930	-3.958
50	CC10B	3.769	7.849	-4.080
50	CC15B	3.995	8.098	-4.103
50	CC13B	3.880	7.706	-3.826
50	CC3B	3.910	4.188	-0.278
50	CC16B	4.122	8.344	-4.222
50	CC35B	4.029	7.810	-3.781
50	CC47B	3.964	7.767	-3.803
50	CC54B	3.969	8.288	-4.319
50	CC51B	3.978	7.303	-3.325
50	CC55B	4.017	7.578	-3.561
55	A114B	3.818	3.988	-0.170
55	A115B	4.076	4.386	-0.310
55	A116B	4.133	4.523	-0.390
55	A120B	4.113	4.766	-0.653
55	A121B	3.898	4.225	-0.327
55	A123B	3.834	4.793	-0.959
55	A124B	4.168	4.518	-0.350
55	A189B	4.076	4.856	-0.780
55	A190B	4.028	4.779	-0.751
55	B41B	3.978	4.402	-0.424
55	B38B	4.219	4.757	-0.538
55	C20B	3.972	5.033	-1.061
55	C10B	3.769	5.093	-1.324
55	C15B	3.995	4.958	-0.963
55	C13B	3.880	5.119	-1.239
55	C3B	3.910	4.005	-0.095
55	C16B	4.122	5.213	-1.091
55	C35B	4.029	4.904	-0.875
55	C47B	3.964	5.058	-1.094
55	C54B	3.969	4.970	-1.001
55	C51B	3.978	4.942	-0.964
55	C55B	4.017	5.059	-1.042
	Max	4.219	8.344	0.026
	Average	4.000	6.082	-2.082
	Min	3.769	3.988	-4.319
	Std Dev	0.116	1.632	1.622

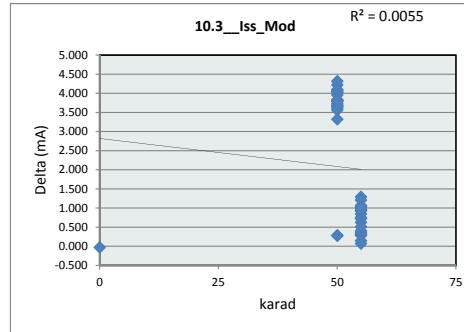


10.2_1aa_Mod			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	11	mA	
Min Limit	3	mA	
karad	0	50	55
LL	3.000	3.000	3.000
Min	4.099	4.107	3.988
Average	4.099	7.511	4.743
Max	4.099	8.344	5.213
UL	11.000	11.000	11.000

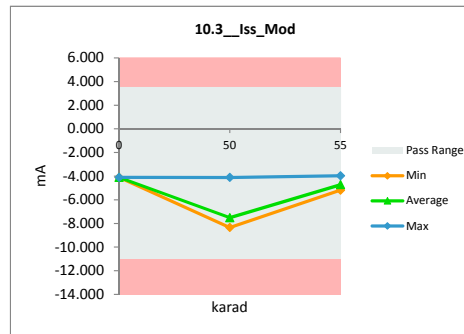


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10.3_Iss_Mod				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	3.5	3.5		
Min Limit	-11	-11		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-4.127	-4.097	-0.030
50	AA114B	-3.820	-4.105	0.285
50	AA115B	-4.078	-8.095	4.017
50	AA116B	-4.134	-7.794	3.660
50	AA120B	-4.114	-7.946	3.832
50	AA121B	-3.898	-7.544	3.646
50	AA123B	-3.836	-7.442	3.606
50	AA124B	-4.170	-7.902	3.732
50	AA189B	-4.078	-7.772	3.694
50	AA190B	-4.030	-7.706	3.676
50	BB41B	-3.979	-8.033	4.054
50	BB38B	-4.221	-8.026	3.805
50	CC20B	-3.974	-7.929	3.955
50	CC10B	-3.771	-7.849	4.078
50	CC15B	-3.997	-8.095	4.098
50	CC13B	-3.883	-7.703	3.820
50	CC3B	-3.912	-4.187	0.275
50	CC16B	-4.123	-8.343	4.220
50	CC35B	-4.031	-7.810	3.779
50	CC47B	-3.966	-7.764	3.798
50	CC54B	-3.972	-8.287	4.315
50	CC51B	-3.980	-7.302	3.322
50	CC55B	-4.018	-7.575	3.557
55	A114B	-3.820	-3.964	0.144
55	A115B	-4.078	-4.360	0.282
55	A116B	-4.134	-4.496	0.362
55	A120B	-4.114	-4.738	0.624
55	A121B	-3.898	-4.202	0.304
55	A123B	-3.836	-4.766	0.930
55	A124B	-4.170	-4.492	0.322
55	A189B	-4.078	-4.828	0.750
55	A190B	-4.030	-4.752	0.722
55	B41B	-3.979	-4.377	0.398
55	B38B	-4.221	-4.729	0.508
55	C20B	-3.974	-5.002	1.028
55	C10B	-3.771	-5.063	1.292
55	C15B	-3.997	-4.928	0.931
55	C13B	-3.883	-5.090	1.207
55	C3B	-3.912	-3.982	0.070
55	C16B	-4.123	-5.181	1.058
55	C35B	-4.031	-4.876	0.845
55	C47B	-3.966	-5.027	1.061
55	C54B	-3.972	-4.942	0.970
55	C51B	-3.980	-4.912	0.932
55	C55B	-4.018	-5.029	1.011
	Max	-3.771	-3.964	4.315
	Average	-4.002	-6.068	2.065
	Min	-4.221	-8.343	-0.030
	Std Dev	0.115	1.643	1.632

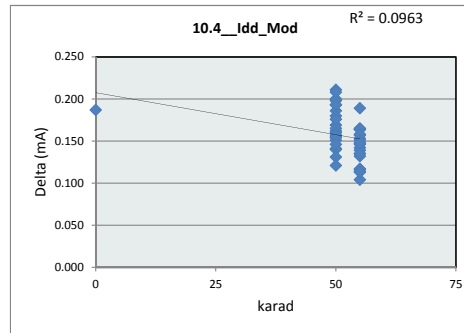


10.3_Iss_Mod			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	3.5	mA	
Min Limit	-11	mA	
karad	0	50	55
LL	-11.000	-11.000	-11.000
Min	-4.097	-8.343	-5.181
Average	-4.097	-7.510	-4.715
Max	-4.097	-4.105	-3.964
UL	3.500	3.500	3.500

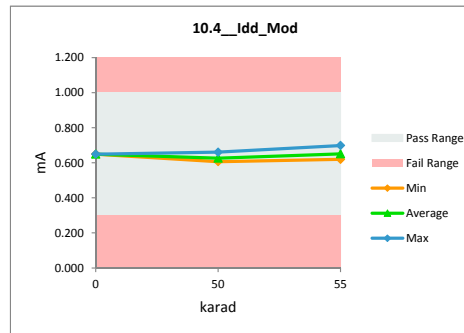


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10.4_Idd_Mod				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	1	1		
Min Limit	0.3	0.3		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.837	0.650	0.187
50	AA114B	0.784	0.644	0.140
50	AA115B	0.812	0.612	0.200
50	AA116B	0.808	0.657	0.151
50	AA120B	0.796	0.655	0.141
50	AA121B	0.779	0.617	0.162
50	AA123B	0.784	0.615	0.169
50	AA124B	0.819	0.621	0.198
50	AA189B	0.800	0.614	0.186
50	AA190B	0.777	0.612	0.165
50	BB41B	0.829	0.618	0.211
50	BB38B	0.829	0.621	0.208
50	CC20B	0.801	0.608	0.193
50	CC10B	0.781	0.621	0.160
50	CC15B	0.807	0.627	0.180
50	CC13B	0.761	0.607	0.154
50	CC3B	0.782	0.651	0.131
50	CC16B	0.814	0.657	0.157
50	CC35B	0.816	0.661	0.155
50	CC47B	0.807	0.614	0.193
50	CC54B	0.742	0.621	0.121
50	CC51B	0.766	0.620	0.146
50	CC55B	0.794	0.618	0.176
55	A114B	0.784	0.620	0.164
55	A115B	0.812	0.647	0.165
55	A116B	0.808	0.644	0.164
55	A120B	0.796	0.632	0.164
55	A121B	0.779	0.626	0.153
55	A123B	0.784	0.627	0.157
55	A124B	0.819	0.630	0.189
55	A189B	0.800	0.642	0.158
55	A190B	0.777	0.626	0.151
55	B41B	0.829	0.694	0.135
55	B38B	0.829	0.683	0.146
55	C20B	0.801	0.654	0.147
55	C10B	0.781	0.649	0.132
55	C15B	0.807	0.665	0.142
55	C13B	0.761	0.622	0.139
55	C3B	0.782	0.647	0.135
55	C16B	0.814	0.698	0.116
55	C35B	0.816	0.699	0.117
55	C47B	0.807	0.659	0.148
55	C54B	0.742	0.628	0.114
55	C51B	0.766	0.662	0.104
55	C55B	0.794	0.681	0.113
	Max	0.837	0.699	0.211
	Average	0.796	0.639	0.156
	Min	0.742	0.607	0.104
	Std Dev	0.023	0.025	0.026

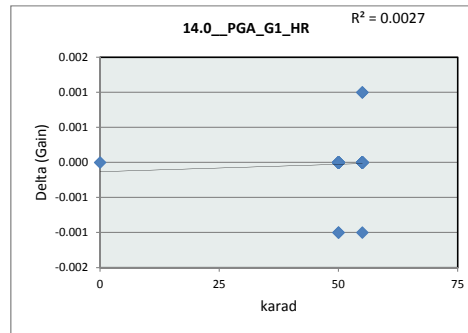


10.4_Idd_Mod			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	1	mA	
Min Limit	0.3	mA	
karad	0	50	55
LL	0.300	0.300	0.300
Min	0.650	0.607	0.620
Average	0.650	0.627	0.652
Max	0.650	0.661	0.699
UL	1.000	1.000	1.000

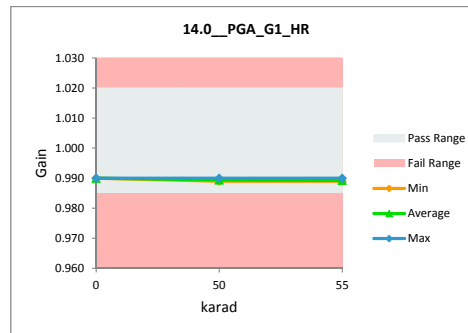


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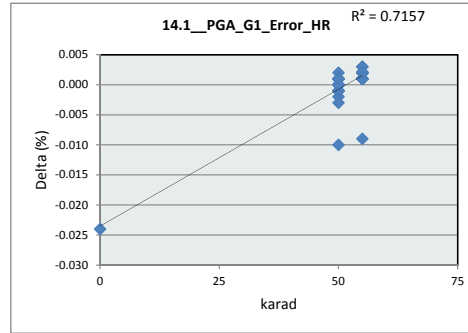
14.0_PGA_G1_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	1.02	1.02		
Min Limit	0.985	0.985		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.990	0.990	0.000
50	AA114B	0.990	0.990	0.000
50	AA115B	0.989	0.989	0.000
50	AA116B	0.990	0.990	0.000
50	AA120B	0.989	0.989	0.000
50	AA121B	0.990	0.990	0.000
50	AA123B	0.989	0.989	0.000
50	AA124B	0.989	0.989	0.000
50	AA189B	0.989	0.989	0.000
50	AA190B	0.989	0.989	0.000
50	BB41B	0.990	0.990	0.000
50	BB38B	0.989	0.989	0.000
50	CC20B	0.989	0.989	0.000
50	CC10B	0.989	0.989	0.000
50	CC15B	0.990	0.990	0.000
50	CC13B	0.989	0.989	0.000
50	CC3B	0.989	0.990	-0.001
50	CC16B	0.989	0.989	0.000
50	CC35B	0.990	0.990	0.000
50	CC47B	0.990	0.990	0.000
50	CC54B	0.989	0.989	0.000
50	CC51B	0.989	0.989	0.000
50	CC55B	0.989	0.990	-0.001
55	A114B	0.990	0.990	0.000
55	A115B	0.989	0.989	0.000
55	A116B	0.990	0.989	0.001
55	A120B	0.989	0.989	0.000
55	A121B	0.990	0.990	0.000
55	A123B	0.989	0.989	0.000
55	A124B	0.989	0.989	0.000
55	A189B	0.989	0.989	0.000
55	A190B	0.989	0.989	0.000
55	B41B	0.990	0.990	0.000
55	B38B	0.989	0.989	0.000
55	C20B	0.989	0.989	0.000
55	C10B	0.989	0.989	0.000
55	C15B	0.990	0.990	0.000
55	C13B	0.989	0.989	0.000
55	C3B	0.989	0.989	0.000
55	C16B	0.989	0.989	0.000
55	C35B	0.990	0.989	0.001
55	C47B	0.990	0.990	0.000
55	C54B	0.989	0.989	0.000
55	C51B	0.989	0.989	0.000
55	C55B	0.989	0.990	-0.001
	Max	0.990	0.990	0.001
	Average	0.989	0.989	0.000
	Min	0.989	0.989	-0.001
	Std Dev	0.000	0.000	0.000



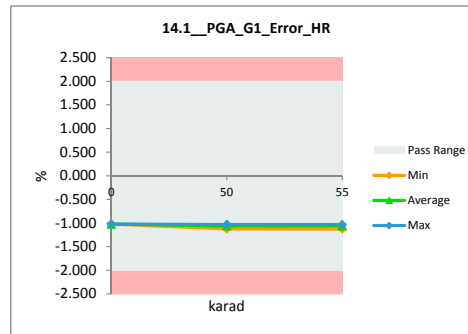
14.0_PGA_G1_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	1.02	Gain	
Min Limit	0.985	Gain	
karad	0	50	55
LL	0.985	0.985	0.985
Min	0.990	0.989	0.989
Average	0.990	0.989	0.989
Max	0.990	0.990	0.990
UL	1.020	1.020	1.020



14.1_PGA_G1_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-1.046	-1.022	-0.024
50	AA114B	-1.041	-1.039	-0.002
50	AA115B	-1.052	-1.052	0.000
50	AA116B	-1.050	-1.047	-0.003
50	AA120B	-1.061	-1.060	-0.001
50	AA121B	-1.043	-1.042	-0.001
50	AA123B	-1.083	-1.084	0.001
50	AA124B	-1.055	-1.055	0.000
50	AA189B	-1.057	-1.057	0.000
50	AA190B	-1.051	-1.052	0.001
50	BB41B	-1.029	-1.030	0.001
50	BB38B	-1.082	-1.082	0.000
50	CC20B	-1.053	-1.053	0.000
50	CC10B	-1.103	-1.104	0.001
50	CC15B	-1.037	-1.039	0.002
50	CC13B	-1.123	-1.122	-0.001
50	CC3B	-1.051	-1.050	-0.001
50	CC16B	-1.069	-1.070	0.001
50	CC35B	-1.049	-1.048	-0.001
50	CC47B	-1.035	-1.035	0.000
50	CC54B	-1.090	-1.091	0.001
50	CC51B	-1.059	-1.060	0.001
50	CC55B	-1.058	-1.048	-0.010
55	A114B	-1.041	-1.043	0.002
55	A115B	-1.052	-1.054	0.002
55	A116B	-1.050	-1.051	0.001
55	A120B	-1.061	-1.063	0.002
55	A121B	-1.043	-1.046	0.003
55	A123B	-1.083	-1.086	0.003
55	A124B	-1.055	-1.056	0.001
55	A189B	-1.057	-1.059	0.002
55	A190B	-1.051	-1.053	0.002
55	B41B	-1.029	-1.031	0.002
55	B38B	-1.082	-1.084	0.002
55	C20B	-1.053	-1.055	0.002
55	C10B	-1.103	-1.105	0.002
55	C15B	-1.037	-1.039	0.002
55	C13B	-1.123	-1.124	0.001
55	C3B	-1.051	-1.053	0.002
55	C16B	-1.069	-1.071	0.002
55	C35B	-1.049	-1.050	0.001
55	C47B	-1.035	-1.036	0.001
55	C54B	-1.090	-1.091	0.001
55	C51B	-1.059	-1.061	0.002
55	C55B	-1.058	-1.049	-0.009
	Max	-1.029	-1.022	0.003
	Average	-1.060	-1.060	0.000
	Min	-1.123	-1.124	-0.024
	Std Dev	0.023	0.023	0.004

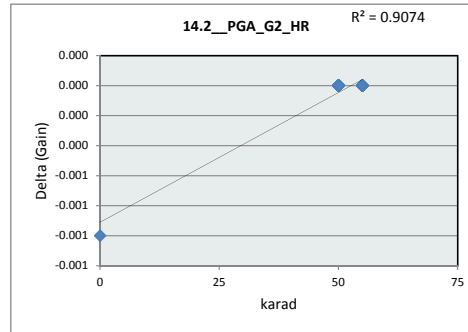


14.1_PGA_G1_Error_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	2	%	
Min Limit	-2	%	
karad	0	50	55
LL	-2.000	-2.000	-2.000
Min	-1.022	-1.122	-1.124
Average	-1.022	-1.060	-1.062
Max	-1.022	-1.030	-1.031
UL	2.000	2.000	2.000

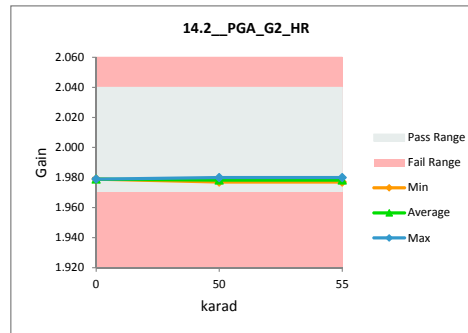


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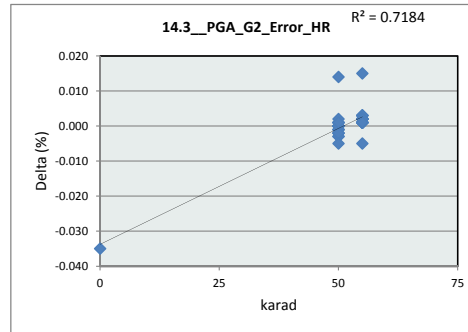
14.2_PGA_G2_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	2.04	2.04		
Min Limit	1.97	1.97		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	1.978	1.979	-0.001
50	AA114B	1.979	1.979	0.000
50	AA115B	1.978	1.978	0.000
50	AA116B	1.979	1.979	0.000
50	AA120B	1.978	1.978	0.000
50	AA121B	1.979	1.979	0.000
50	AA123B	1.978	1.978	0.000
50	AA124B	1.979	1.979	0.000
50	AA189B	1.978	1.978	0.000
50	AA190B	1.978	1.978	0.000
50	BB41B	1.980	1.980	0.000
50	BB38B	1.978	1.978	0.000
50	CC20B	1.978	1.978	0.000
50	CC10B	1.977	1.977	0.000
50	CC15B	1.979	1.979	0.000
50	CC13B	1.977	1.977	0.000
50	CC3B	1.979	1.979	0.000
50	CC16B	1.978	1.978	0.000
50	CC35B	1.979	1.979	0.000
50	CC47B	1.979	1.979	0.000
50	CC54B	1.978	1.978	0.000
50	CC51B	1.978	1.978	0.000
50	CC55B	1.978	1.978	0.000
55	A114B	1.979	1.979	0.000
55	A115B	1.978	1.978	0.000
55	A116B	1.979	1.979	0.000
55	A120B	1.978	1.978	0.000
55	A121B	1.979	1.979	0.000
55	A123B	1.978	1.978	0.000
55	A124B	1.979	1.979	0.000
55	A189B	1.978	1.978	0.000
55	A190B	1.978	1.978	0.000
55	B41B	1.980	1.980	0.000
55	B38B	1.978	1.978	0.000
55	C20B	1.978	1.978	0.000
55	C10B	1.977	1.977	0.000
55	C15B	1.979	1.979	0.000
55	C13B	1.977	1.977	0.000
55	C3B	1.979	1.979	0.000
55	C16B	1.978	1.978	0.000
55	C35B	1.979	1.979	0.000
55	C47B	1.979	1.979	0.000
55	C54B	1.978	1.978	0.000
55	C51B	1.978	1.978	0.000
55	C55B	1.978	1.978	0.000
	Max	1.980	1.980	0.000
	Average	1.978	1.978	0.000
	Min	1.977	1.977	-0.001
	Std Dev	0.001	0.001	0.000



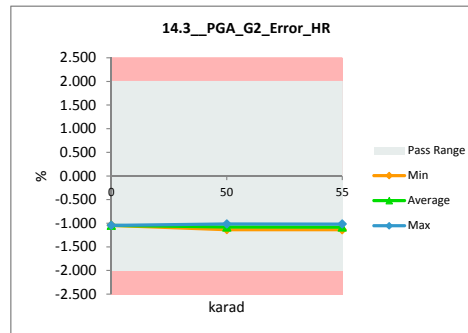
14.2_PGA_G2_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	2.04	Gain	
Min Limit	1.97	Gain	
karad	0	50	55
LL	1.970	1.970	1.970
Min	1.979	1.977	1.977
Average	1.979	1.978	1.978
Max	1.979	1.980	1.980
UL	2.040	2.040	2.040



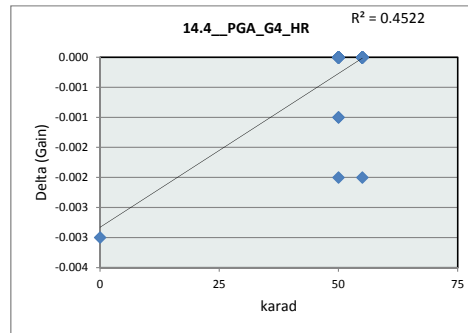
14.3_PGA_G2_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-1.079	-1.044	-0.035
50	AA114B	-1.069	-1.066	-0.003
50	AA115B	-1.077	-1.076	-0.001
50	AA116B	-1.063	-1.061	-0.002
50	AA120B	-1.080	-1.077	-0.003
50	AA121B	-1.052	-1.051	-0.001
50	AA123B	-1.120	-1.120	0.000
50	AA124B	-1.062	-1.062	0.000
50	AA189B	-1.078	-1.077	-0.001
50	AA190B	-1.078	-1.079	0.001
50	BB41B	-1.015	-1.015	0.000
50	BB38B	-1.102	-1.102	0.000
50	CC20B	-1.082	-1.082	0.000
50	CC10B	-1.130	-1.131	0.001
50	CC15B	-1.048	-1.049	0.001
50	CC13B	-1.135	-1.135	0.000
50	CC3B	-1.055	-1.053	-0.002
50	CC16B	-1.075	-1.075	0.000
50	CC35B	-1.057	-1.055	-0.002
50	CC47B	-1.056	-1.058	0.002
50	CC54B	-1.119	-1.120	0.001
50	CC51B	-1.099	-1.094	-0.005
50	CC55B	-1.079	-1.093	0.014
55	A114B	-1.069	-1.071	0.002
55	A115B	-1.077	-1.078	0.001
55	A116B	-1.063	-1.066	0.003
55	A120B	-1.080	-1.081	0.001
55	A121B	-1.052	-1.055	0.003
55	A123B	-1.120	-1.123	0.003
55	A124B	-1.062	-1.063	0.001
55	A189B	-1.078	-1.080	0.002
55	A190B	-1.078	-1.081	0.003
55	B41B	-1.015	-1.016	0.001
55	B38B	-1.102	-1.104	0.002
55	C20B	-1.082	-1.083	0.001
55	C10B	-1.130	-1.132	0.002
55	C15B	-1.048	-1.050	0.002
55	C13B	-1.135	-1.136	0.001
55	C3B	-1.055	-1.057	0.002
55	C16B	-1.075	-1.077	0.002
55	C35B	-1.057	-1.058	0.001
55	C47B	-1.056	-1.058	0.002
55	C54B	-1.119	-1.120	0.001
55	C51B	-1.099	-1.094	-0.005
55	C55B	-1.079	-1.094	0.015
	Max	-1.015	-1.015	0.015
	Average	-1.079	-1.079	0.000
	Min	-1.135	-1.136	-0.035
	Std Dev	0.029	0.029	0.006



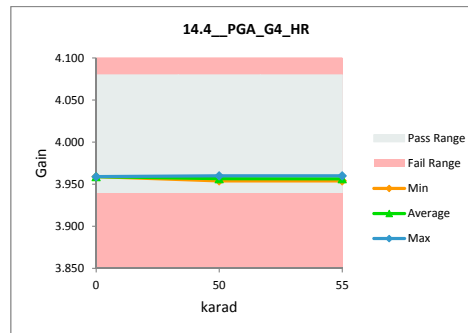
14.3_PGA_G2_Error_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	2	%	
Min Limit	-2	%	
karad	0	50	55
LL	-2.000	-2.000	-2.000
Min	-1.044	-1.135	-1.136
Average	-1.044	-1.079	-1.081
Max	-1.044	-1.015	-1.016
UL	2.000	2.000	2.000



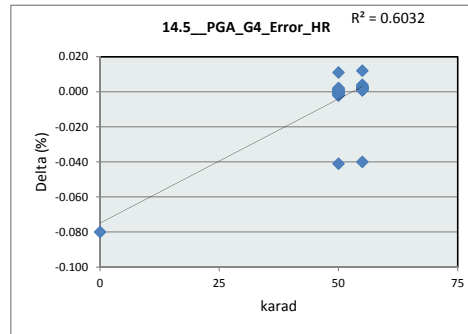
14.4_PGA_G4_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	4.08	4.08		
Min Limit	3.94	3.94		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	3.956	3.959	-0.003
50	AA114B	3.955	3.956	-0.001
50	AA115B	3.957	3.957	0.000
50	AA116B	3.956	3.956	0.000
50	AA120B	3.957	3.957	0.000
50	AA121B	3.957	3.957	0.000
50	AA123B	3.954	3.954	0.000
50	AA124B	3.957	3.957	0.000
50	AA189B	3.955	3.955	0.000
50	AA190B	3.956	3.956	0.000
50	BB41B	3.957	3.957	0.000
50	BB38B	3.957	3.957	0.000
50	CC20B	3.957	3.957	0.000
50	CC10B	3.954	3.954	0.000
50	CC15B	3.960	3.960	0.000
50	CC13B	3.955	3.955	0.000
50	CC3B	3.957	3.957	0.000
50	CC16B	3.958	3.958	0.000
50	CC35B	3.958	3.959	-0.001
50	CC47B	3.959	3.959	0.000
50	CC54B	3.954	3.954	0.000
50	CC51B	3.956	3.956	0.000
50	CC55B	3.955	3.957	-0.002
55	A114B	3.955	3.955	0.000
55	A115B	3.957	3.957	0.000
55	A116B	3.956	3.956	0.000
55	A120B	3.957	3.957	0.000
55	A121B	3.957	3.957	0.000
55	A123B	3.954	3.954	0.000
55	A124B	3.957	3.957	0.000
55	A189B	3.955	3.955	0.000
55	A190B	3.956	3.956	0.000
55	B41B	3.957	3.957	0.000
55	B38B	3.957	3.957	0.000
55	C20B	3.957	3.957	0.000
55	C10B	3.954	3.954	0.000
55	C15B	3.960	3.960	0.000
55	C13B	3.955	3.955	0.000
55	C3B	3.957	3.957	0.000
55	C16B	3.958	3.958	0.000
55	C35B	3.958	3.958	0.000
55	C47B	3.959	3.959	0.000
55	C54B	3.954	3.954	0.000
55	C51B	3.956	3.956	0.000
55	C55B	3.955	3.957	-0.002
Max		3.960	3.960	0.000
Average		3.956	3.957	0.000
Min		3.954	3.954	-0.003
Std Dev		0.002	0.002	0.001



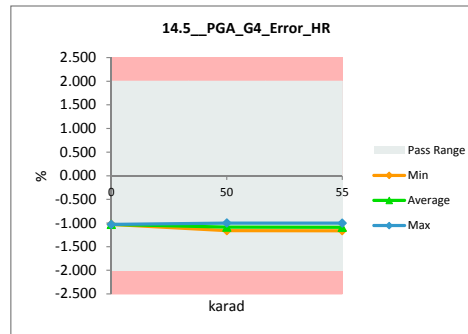
14.4_PGA_G4_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	4.08	Gain	
Min Limit	3.94	Gain	
karad	0	50	55
LL	3.940	3.940	3.940
Min	3.959	3.954	3.954
Average	3.959	3.957	3.957
Max	3.959	3.960	3.960
UL	4.080	4.080	4.080



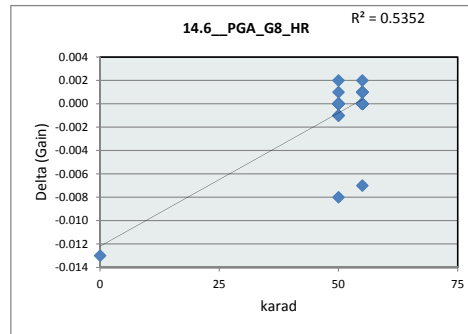
14.5_PGA_G4_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-1.109	-1.029	-0.080
50	AA114B	-1.114	-1.112	-0.002
50	AA115B	-1.072	-1.072	0.000
50	AA116B	-1.094	-1.092	-0.002
50	AA120B	-1.083	-1.082	-0.001
50	AA121B	-1.080	-1.079	-0.001
50	AA123B	-1.148	-1.148	0.000
50	AA124B	-1.063	-1.064	0.001
50	AA189B	-1.127	-1.126	-0.001
50	AA190B	-1.105	-1.105	0.000
50	BB41B	-1.067	-1.066	-0.001
50	BB38B	-1.071	-1.071	0.000
50	CC20B	-1.074	-1.073	-0.001
50	CC10B	-1.159	-1.161	0.002
50	CC15B	-0.999	-1.000	0.001
50	CC13B	-1.114	-1.114	0.000
50	CC3B	-1.082	-1.081	-0.001
50	CC16B	-1.049	-1.051	0.002
50	CC35B	-1.039	-1.037	-0.002
50	CC47B	-1.033	-1.034	0.001
50	CC54B	-1.153	-1.155	0.002
50	CC51B	-1.089	-1.100	0.011
50	CC55B	-1.122	-1.081	-0.041
55	A114B	-1.114	-1.117	0.003
55	A115B	-1.072	-1.075	0.003
55	A116B	-1.094	-1.096	0.002
55	A120B	-1.083	-1.085	0.002
55	A121B	-1.080	-1.084	0.004
55	A123B	-1.148	-1.151	0.003
55	A124B	-1.063	-1.065	0.002
55	A189B	-1.127	-1.128	0.001
55	A190B	-1.105	-1.106	0.001
55	B41B	-1.067	-1.069	0.002
55	B38B	-1.071	-1.074	0.003
55	C20B	-1.074	-1.076	0.002
55	C10B	-1.159	-1.162	0.003
55	C15B	-0.999	-1.001	0.002
55	C13B	-1.114	-1.115	0.001
55	C3B	-1.082	-1.084	0.002
55	C16B	-1.049	-1.052	0.003
55	C35B	-1.039	-1.040	0.001
55	C47B	-1.033	-1.035	0.002
55	C54B	-1.153	-1.154	0.001
55	C51B	-1.089	-1.101	0.012
55	C55B	-1.122	-1.082	-0.040
Max		-0.999	-1.000	0.012
Average		-1.089	-1.086	-0.002
Min		-1.159	-1.162	-0.080
Std Dev		0.039	0.040	0.015



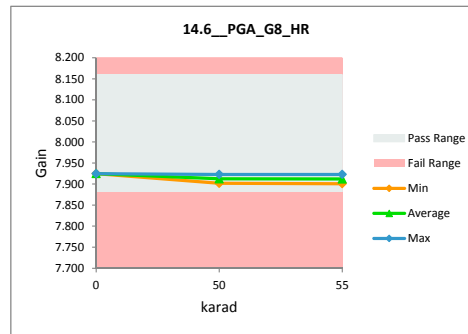
14.5_PGA_G4_Error_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	2	%	
Min Limit	-2	%	
karad	0	50	55
LL	-2.000	-2.000	-2.000
Min	-1.029	-1.161	-1.162
Average	-1.029	-1.087	-1.089
Max	-1.029	-1.000	-1.001
UL	2.000	2.000	2.000



14.6_PGA_G8_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	8.16	8.16		
Min Limit	7.88	7.88		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	7.912	7.925	-0.013
50	AA114B	7.909	7.909	0.000
50	AA115B	7.914	7.914	0.000
50	AA116B	7.914	7.915	-0.001
50	AA120B	7.914	7.914	0.000
50	AA121B	7.918	7.918	0.000
50	AA123B	7.909	7.909	0.000
50	AA124B	7.914	7.914	0.000
50	AA189B	7.904	7.904	0.000
50	AA190B	7.908	7.908	0.000
50	BB41B	7.901	7.902	-0.001
50	BB38B	7.920	7.920	0.000
50	CC20B	7.916	7.915	0.001
50	CC10B	7.904	7.904	0.000
50	CC15B	7.923	7.923	0.000
50	CC13B	7.912	7.912	0.000
50	CC3B	7.912	7.913	-0.001
50	CC16B	7.911	7.911	0.000
50	CC35B	7.918	7.918	0.000
50	CC47B	7.921	7.921	0.000
50	CC54B	7.910	7.910	0.000
50	CC51B	7.911	7.909	0.002
50	CC55B	7.907	7.915	-0.008
55	A114B	7.909	7.909	0.000
55	A115B	7.914	7.914	0.000
55	A116B	7.914	7.914	0.000
55	A120B	7.914	7.914	0.000
55	A121B	7.918	7.918	0.000
55	A123B	7.909	7.908	0.001
55	A124B	7.914	7.913	0.001
55	A189B	7.904	7.904	0.000
55	A190B	7.908	7.908	0.000
55	B41B	7.901	7.901	0.000
55	B38B	7.920	7.919	0.001
55	C20B	7.916	7.915	0.001
55	C10B	7.904	7.904	0.000
55	C15B	7.923	7.923	0.000
55	C13B	7.912	7.911	0.001
55	C3B	7.912	7.912	0.000
55	C16B	7.911	7.911	0.000
55	C35B	7.918	7.918	0.000
55	C47B	7.921	7.921	0.000
55	C54B	7.910	7.910	0.000
55	C51B	7.911	7.909	0.002
55	C55B	7.907	7.914	-0.007
Max		7.923	7.925	0.002
Average		7.912	7.913	0.000
Min		7.901	7.901	-0.013
Std Dev		0.006	0.006	0.003



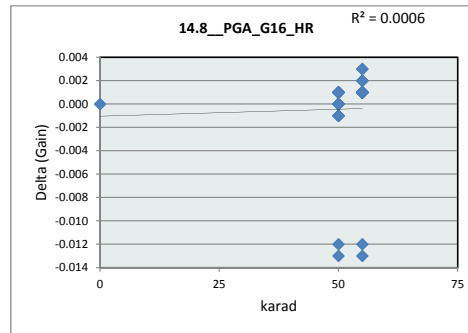
14.6_PGA_G8_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	8.16	Gain	
Min Limit	7.88	Gain	
karad	0	50	55
LL	7.880	7.880	7.880
Min	7.925	7.902	7.901
Average	7.925	7.913	7.912
Max	7.925	7.923	7.923
UL	8.160	8.160	8.160



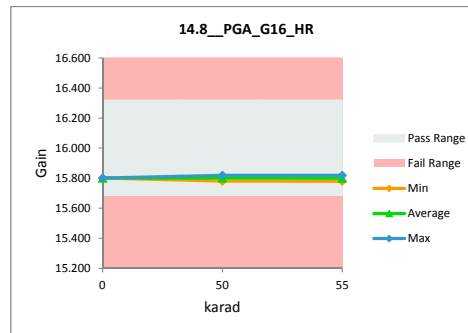


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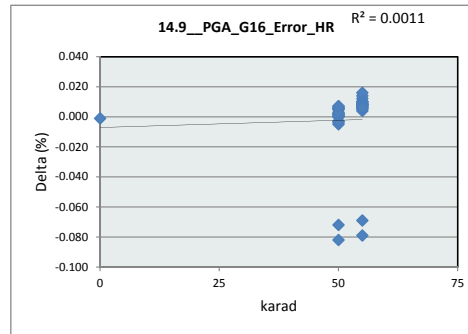
14.8_PGA_G16_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	16.32	16.32		
Min Limit	15.68	15.68		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	15.801	15.801	0.000
50	AA114B	15.793	15.794	-0.001
50	AA115B	15.802	15.801	0.001
50	AA116B	15.784	15.785	-0.001
50	AA120B	15.799	15.799	0.000
50	AA121B	15.795	15.796	-0.001
50	AA123B	15.798	15.797	0.001
50	AA124B	15.814	15.813	0.001
50	AA189B	15.781	15.781	0.000
50	AA190B	15.798	15.798	0.000
50	BB41B	15.804	15.804	0.000
50	BB38B	15.798	15.798	0.000
50	CC20B	15.811	15.810	0.001
50	CC10B	15.805	15.805	0.000
50	CC15B	15.820	15.819	0.001
50	CC13B	15.795	15.795	0.000
50	CC3B	15.802	15.803	-0.001
50	CC16B	15.805	15.804	0.001
50	CC35B	15.804	15.804	0.000
50	CC47B	15.810	15.809	0.001
50	CC54B	15.786	15.785	0.001
50	CC51B	15.796	15.809	-0.013
50	CC55B	15.796	15.808	-0.012
55	A114B	15.793	15.792	0.001
55	A115B	15.802	15.801	0.001
55	A116B	15.784	15.783	0.001
55	A120B	15.799	15.798	0.001
55	A121B	15.795	15.793	0.002
55	A123B	15.798	15.795	0.003
55	A124B	15.814	15.811	0.003
55	A189B	15.781	15.780	0.001
55	A190B	15.798	15.797	0.001
55	B41B	15.804	15.803	0.001
55	B38B	15.798	15.796	0.002
55	C20B	15.811	15.810	0.001
55	C10B	15.805	15.804	0.001
55	C15B	15.820	15.819	0.001
55	C13B	15.795	15.794	0.001
55	C3B	15.802	15.801	0.001
55	C16B	15.805	15.804	0.001
55	C35B	15.804	15.803	0.001
55	C47B	15.810	15.808	0.002
55	C54B	15.786	15.785	0.001
55	C51B	15.796	15.809	-0.013
55	C55B	15.796	15.808	-0.012
	Max	15.820	15.819	0.003
	Average	15.800	15.800	0.000
	Min	15.781	15.780	-0.013
	Std Dev	0.009	0.009	0.004



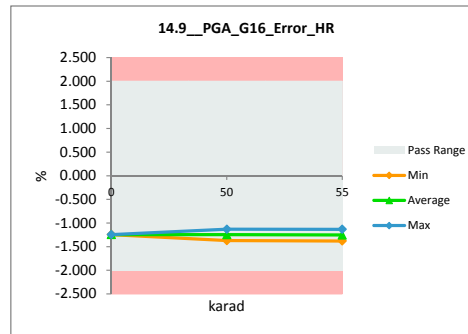
14.8_PGA_G16_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	16.32	Gain	
Min Limit	15.68	Gain	
karad	0	50	55
LL	15.680	15.680	15.680
Min	15.801	15.781	15.780
Average	15.801	15.801	15.800
Max	15.801	15.819	15.819
UL	16.320	16.320	16.320



14.9_PGA_G16_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-1.244	-1.243	-0.001
50	AA114B	-1.292	-1.288	-0.004
50	AA115B	-1.239	-1.241	0.002
50	AA116B	-1.347	-1.344	-0.003
50	AA120B	-1.255	-1.255	0.000
50	AA121B	-1.279	-1.274	-0.005
50	AA123B	-1.265	-1.272	0.007
50	AA124B	-1.165	-1.170	0.005
50	AA189B	-1.369	-1.370	0.001
50	AA190B	-1.263	-1.265	0.002
50	BB41B	-1.222	-1.227	0.005
50	BB38B	-1.265	-1.265	0.000
50	CC20B	-1.178	-1.184	0.006
50	CC10B	-1.216	-1.221	0.005
50	CC15B	-1.128	-1.130	0.002
50	CC13B	-1.281	-1.283	0.002
50	CC3B	-1.237	-1.234	-0.003
50	CC16B	-1.216	-1.222	0.006
50	CC35B	-1.222	-1.223	0.001
50	CC47B	-1.191	-1.194	0.003
50	CC54B	-1.338	-1.345	0.007
50	CC51B	-1.274	-1.192	-0.082
50	CC55B	-1.272	-1.200	-0.072
55	A114B	-1.292	-1.302	0.010
55	A115B	-1.239	-1.247	0.008
55	A116B	-1.347	-1.354	0.007
55	A120B	-1.255	-1.265	0.010
55	A121B	-1.279	-1.291	0.012
55	A123B	-1.265	-1.279	0.014
55	A124B	-1.165	-1.181	0.016
55	A189B	-1.369	-1.378	0.009
55	A190B	-1.263	-1.271	0.008
55	B41B	-1.222	-1.230	0.008
55	B38B	-1.265	-1.275	0.010
55	C20B	-1.178	-1.187	0.009
55	C10B	-1.216	-1.224	0.008
55	C15B	-1.128	-1.132	0.004
55	C13B	-1.281	-1.287	0.006
55	C3B	-1.237	-1.242	0.005
55	C16B	-1.216	-1.224	0.008
55	C35B	-1.222	-1.229	0.007
55	C47B	-1.191	-1.197	0.006
55	C54B	-1.338	-1.344	0.006
55	C51B	-1.274	-1.195	-0.079
55	C55B	-1.272	-1.203	-0.069
	Max	-1.128	-1.130	0.016
	Average	-1.250	-1.248	-0.002
	Min	-1.369	-1.378	-0.082
	Std Dev	0.057	0.058	0.024

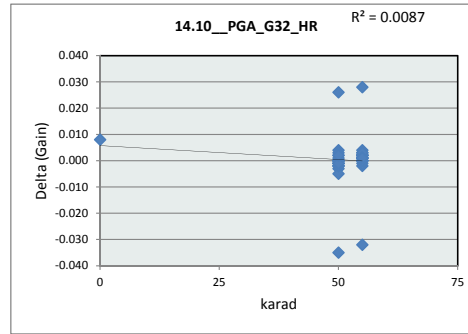


14.9_PGA_G16_Error_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	2	%	
Min Limit	-2	%	
karad	0	50	55
LL	-2.000	-2.000	-2.000
Min	-1.243	-1.370	-1.378
Average	-1.243	-1.245	-1.252
Max	-1.243	-1.130	-1.132
UL	2.000	2.000	2.000

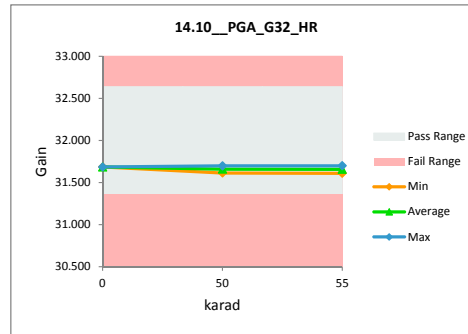


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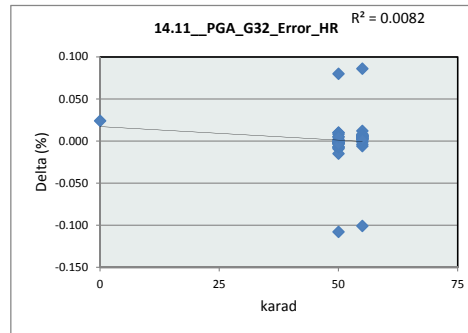
14.10_PGA_G32_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	32.64	32.64		
Min Limit	31.36	31.36		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	31.693	31.685	0.008
50	AA114B	31.678	31.679	-0.001
50	AA115B	31.639	31.639	0.000
50	AA116B	31.703	31.699	0.004
50	AA120B	31.635	31.636	-0.001
50	AA121B	31.675	31.678	-0.003
50	AA123B	31.643	31.645	-0.002
50	AA124B	31.662	31.659	0.003
50	AA189B	31.664	31.664	0.000
50	AA190B	31.642	31.640	0.002
50	BB41B	31.624	31.624	0.000
50	BB38B	31.679	31.679	0.000
50	CC20B	31.694	31.694	0.000
50	CC10B	31.609	31.614	-0.005
50	CC15B	31.664	31.664	0.000
50	CC13B	31.618	31.620	-0.002
50	CC3B	31.649	31.648	0.001
50	CC16B	31.633	31.634	-0.001
50	CC35B	31.686	31.688	-0.002
50	CC47B	31.694	31.695	-0.001
50	CC54B	31.655	31.653	0.002
50	CC51B	31.691	31.665	0.026
50	CC55B	31.656	31.691	-0.035
55	A114B	31.678	31.676	0.002
55	A115B	31.639	31.637	0.002
55	A116B	31.703	31.700	0.003
55	A120B	31.635	31.635	0.000
55	A121B	31.675	31.675	0.000
55	A123B	31.643	31.645	-0.002
55	A124B	31.662	31.658	0.004
55	A189B	31.664	31.662	0.002
55	A190B	31.642	31.640	0.002
55	B41B	31.624	31.622	0.002
55	B38B	31.679	31.678	0.001
55	C20B	31.694	31.693	0.001
55	C10B	31.609	31.610	-0.001
55	C15B	31.664	31.663	0.001
55	C13B	31.618	31.618	0.000
55	C3B	31.649	31.647	0.002
55	C16B	31.633	31.630	0.003
55	C35B	31.686	31.685	0.001
55	C47B	31.694	31.694	0.000
55	C54B	31.655	31.654	0.001
55	C51B	31.691	31.663	0.028
55	C55B	31.656	31.688	-0.032
Max		31.703	31.700	0.028
Average		31.660	31.659	0.000
Min		31.609	31.610	-0.035
Std Dev		0.027	0.026	0.009



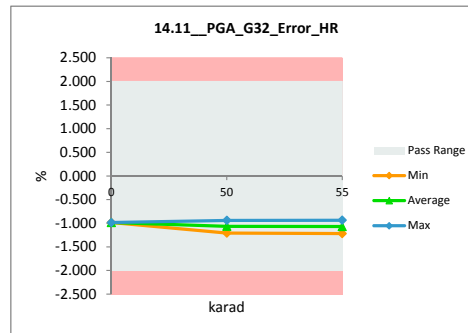
14.10_PGA_G32_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	32.64	Gain	
Min Limit	31.36	Gain	
karad	0	50	55
LL	31.360	31.360	31.360
Min	31.685	31.614	31.610
Average	31.685	31.659	31.658
Max	31.685	31.699	31.700
UL	32.640	32.640	32.640



14.11_PGA_G32_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.960	-0.984	0.024
50	AA114B	-1.006	-1.003	-0.003
50	AA115B	-1.130	-1.128	-0.002
50	AA116B	-0.929	-0.939	0.010
50	AA120B	-1.139	-1.139	0.000
50	AA121B	-1.015	-1.006	-0.009
50	AA123B	-1.116	-1.108	-0.008
50	AA124B	-1.057	-1.067	0.010
50	AA189B	-1.051	-1.049	-0.002
50	AA190B	-1.118	-1.126	0.008
50	BB41B	-1.176	-1.174	-0.002
50	BB38B	-1.002	-1.002	0.000
50	CC20B	-0.955	-0.955	0.000
50	CC10B	-1.222	-1.207	-0.015
50	CC15B	-1.049	-1.051	0.002
50	CC13B	-1.193	-1.186	-0.007
50	CC3B	-1.096	-1.101	0.005
50	CC16B	-1.148	-1.145	-0.003
50	CC35B	-0.981	-0.974	-0.007
50	CC47B	-0.956	-0.952	-0.004
50	CC54B	-1.079	-1.084	0.005
50	CC51B	-0.966	-1.046	0.080
50	CC55B	-1.075	-0.967	-0.108
55	A114B	-1.006	-1.012	0.006
55	A115B	-1.130	-1.133	0.003
55	A116B	-0.929	-0.936	0.007
55	A120B	-1.139	-1.142	0.003
55	A121B	-1.015	-1.015	0.000
55	A123B	-1.116	-1.110	-0.006
55	A124B	-1.057	-1.069	0.012
55	A189B	-1.051	-1.056	0.005
55	A190B	-1.118	-1.124	0.006
55	B41B	-1.176	-1.182	0.006
55	B38B	-1.002	-1.007	0.005
55	C20B	-0.955	-0.959	0.004
55	C10B	-1.222	-1.218	-0.004
55	C15B	-1.049	-1.052	0.003
55	C13B	-1.193	-1.195	0.002
55	C3B	-1.096	-1.104	0.008
55	C16B	-1.148	-1.155	0.007
55	C35B	-0.981	-0.985	0.004
55	C47B	-0.956	-0.955	-0.001
55	C54B	-1.079	-1.081	0.002
55	C51B	-0.966	-1.052	0.086
55	C55B	-1.075	-0.974	-0.101
Max		-0.929	-0.936	0.086
Average		-1.064	-1.065	0.001
Min		-1.222	-1.218	-0.108
Std Dev		0.083	0.081	0.029

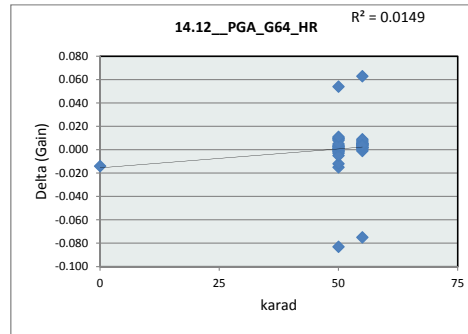


14.11_PGA_G32_Error_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	2	%	
Min Limit	-2	%	
karad	0	50	55
LL	-2.000	-2.000	-2.000
Min	-0.984	-1.207	-1.218
Average	-0.984	-1.064	-1.069
Max	-0.984	-0.939	-0.936
UL	2.000	2.000	2.000

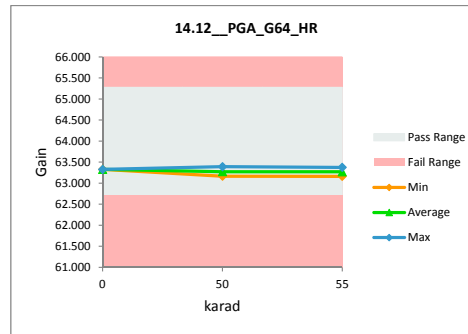


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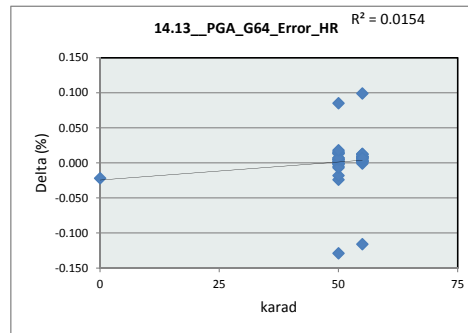
14.12_PGA_G64_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	Gain	Gain		
Max Limit	65.28	65.28		
Min Limit	62.72	62.72		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	63.315	63.329	-0.014
50	AA114B	63.282	63.272	0.010
50	AA115B	63.210	63.206	0.004
50	AA116B	63.379	63.394	-0.015
50	AA120B	63.231	63.234	-0.003
50	AA121B	63.331	63.331	0.000
50	AA123B	63.252	63.253	-0.001
50	AA124B	63.264	63.262	0.002
50	AA189B	63.290	63.291	-0.001
50	AA190B	63.240	63.252	-0.012
50	BB41B	63.168	63.167	0.001
50	BB38B	63.346	63.345	0.001
50	CC20B	63.347	63.349	-0.002
50	CC10B	63.180	63.171	0.009
50	CC15B	63.297	63.294	0.003
50	CC13B	63.191	63.196	-0.005
50	CC3B	63.257	63.254	0.003
50	CC16B	63.225	63.215	0.010
50	CC35B	63.317	63.309	0.008
50	CC47B	63.353	63.348	0.005
50	CC54B	63.271	63.260	0.011
50	CC51B	63.333	63.279	0.054
50	CC55B	63.267	63.350	-0.083
55	A114B	63.282	63.274	0.008
55	A115B	63.210	63.204	0.006
55	A116B	63.379	63.377	0.002
55	A120B	63.231	63.229	0.002
55	A121B	63.331	63.326	0.005
55	A123B	63.252	63.253	-0.001
55	A124B	63.264	63.263	0.001
55	A189B	63.290	63.287	0.003
55	A190B	63.240	63.236	0.004
55	B41B	63.168	63.163	0.005
55	B38B	63.346	63.344	0.002
55	C20B	63.347	63.347	0.000
55	C10B	63.180	63.173	0.007
55	C15B	63.297	63.292	0.005
55	C13B	63.191	63.186	0.005
55	C3B	63.257	63.255	0.002
55	C16B	63.225	63.220	0.005
55	C35B	63.317	63.313	0.004
55	C47B	63.353	63.344	0.009
55	C54B	63.271	63.267	0.004
55	C51B	63.333	63.270	0.063
55	C55B	63.267	63.342	-0.075
	Max	63.379	63.394	0.063
	Average	63.275	63.274	0.001
	Min	63.168	63.163	-0.083
	Std Dev	0.059	0.061	0.022



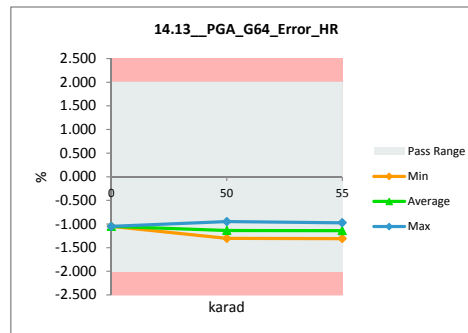
14.12_PGA_G64_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	65.28	Gain	
Min Limit	62.72	Gain	
karad	0	50	55
LL	62.720	62.720	62.720
Min	63.329	63.167	63.163
Average	63.329	63.274	63.271
Max	63.329	63.394	63.377
UL	65.280	65.280	65.280



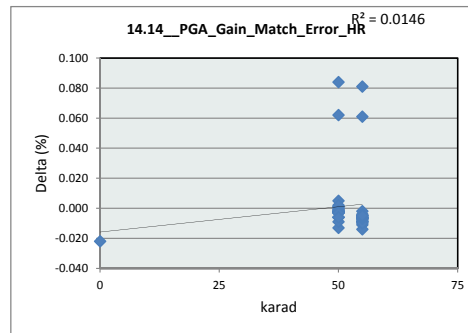
14.13_PGA_G64_Error_HR				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-1.071	-1.049	-0.022
50	AA114B	-1.123	-1.137	0.014
50	AA115B	-1.234	-1.241	0.007
50	AA116B	-0.971	-0.947	-0.024
50	AA120B	-1.202	-1.197	-0.005
50	AA121B	-1.046	-1.045	-0.001
50	AA123B	-1.168	-1.167	-0.001
50	AA124B	-1.150	-1.154	0.004
50	AA189B	-1.109	-1.108	-0.001
50	AA190B	-1.187	-1.169	-0.018
50	BB41B	-1.300	-1.302	0.002
50	BB38B	-1.022	-1.024	0.002
50	CC20B	-1.020	-1.018	-0.002
50	CC10B	-1.281	-1.295	0.014
50	CC15B	-1.098	-1.103	0.005
50	CC13B	-1.263	-1.256	-0.007
50	CC3B	-1.160	-1.165	0.005
50	CC16B	-1.210	-1.226	0.016
50	CC35B	-1.067	-1.080	0.013
50	CC47B	-1.012	-1.019	0.007
50	CC54B	-1.139	-1.157	0.018
50	CC51B	-1.042	-1.127	0.085
50	CC55B	-1.145	-1.016	-0.129
55	A114B	-1.123	-1.135	0.012
55	A115B	-1.234	-1.243	0.009
55	A116B	-0.971	-0.973	0.002
55	A120B	-1.202	-1.205	0.003
55	A121B	-1.046	-1.053	0.007
55	A123B	-1.168	-1.167	-0.001
55	A124B	-1.150	-1.152	0.002
55	A189B	-1.109	-1.114	0.005
55	A190B	-1.187	-1.194	0.007
55	B41B	-1.300	-1.308	0.008
55	B38B	-1.022	-1.025	0.003
55	C20B	-1.020	-1.021	0.001
55	C10B	-1.281	-1.293	0.012
55	C15B	-1.098	-1.107	0.009
55	C13B	-1.263	-1.272	0.009
55	C3B	-1.160	-1.163	0.003
55	C16B	-1.210	-1.219	0.009
55	C35B	-1.067	-1.073	0.006
55	C47B	-1.012	-1.025	0.013
55	C54B	-1.139	-1.146	0.007
55	C51B	-1.042	-1.141	0.099
55	C55B	-1.145	-1.029	-0.116
Max		-0.971	-0.947	0.099
Average		-1.133	-1.135	0.002
Min		-1.300	-1.308	-0.129
Std Dev		0.091	0.095	0.034



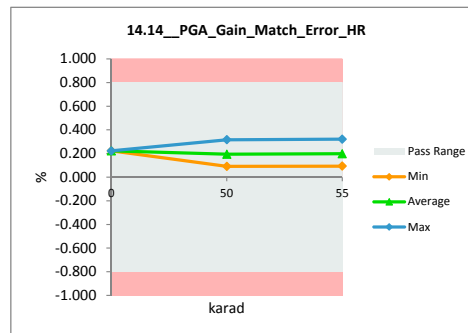
14.13_PGA_G64_Error_HR			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	2	%	
Min Limit	-2	%	
karad	0	50	55
LL	-2.000	-2.000	-2.000
Min	-1.049	-1.302	-1.308
Average	-1.049	-1.134	-1.139
Max	-1.049	-0.947	-0.973
UL	2.000	2.000	2.000



14.14_PGA_Gain_Match_Error_HR				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.201	0.223	-0.022
50	AA114B	0.253	0.252	0.001
50	AA115B	0.189	0.192	-0.003
50	AA116B	0.301	0.300	0.001
50	AA120B	0.196	0.197	-0.001
50	AA121B	0.239	0.234	0.005
50	AA123B	0.184	0.190	-0.006
50	AA124B	0.112	0.115	-0.003
50	AA189B	0.315	0.317	-0.002
50	AA190B	0.214	0.216	-0.002
50	BB41B	0.273	0.275	-0.002
50	BB38B	0.184	0.185	-0.001
50	CC20B	0.127	0.133	-0.006
50	CC10B	0.180	0.193	-0.013
50	CC15B	0.092	0.092	0.000
50	CC13B	0.160	0.163	-0.003
50	CC3B	0.188	0.186	0.002
50	CC16B	0.149	0.158	-0.009
50	CC35B	0.175	0.177	-0.002
50	CC47B	0.157	0.160	-0.003
50	CC54B	0.251	0.257	-0.006
50	CC51B	0.217	0.133	0.084
50	CC55B	0.216	0.154	0.062
55	A114B	0.253	0.262	-0.009
55	A115B	0.189	0.195	-0.006
55	A116B	0.301	0.306	-0.005
55	A120B	0.196	0.204	-0.008
55	A121B	0.239	0.248	-0.009
55	A123B	0.184	0.195	-0.011
55	A124B	0.112	0.126	-0.014
55	A189B	0.315	0.322	-0.007
55	A190B	0.214	0.220	-0.006
55	B41B	0.273	0.280	-0.007
55	B38B	0.184	0.193	-0.009
55	C20B	0.127	0.134	-0.007
55	C10B	0.180	0.190	-0.010
55	C15B	0.092	0.094	-0.002
55	C13B	0.160	0.166	-0.006
55	C3B	0.188	0.192	-0.004
55	C16B	0.149	0.156	-0.007
55	C35B	0.175	0.180	-0.005
55	C47B	0.157	0.163	-0.006
55	C54B	0.251	0.256	-0.005
55	C51B	0.217	0.136	0.081
55	C55B	0.216	0.155	0.061
Max		0.315	0.322	0.084
Average		0.199	0.197	0.002
Min		0.092	0.092	-0.022
Std Dev		0.056	0.058	0.023

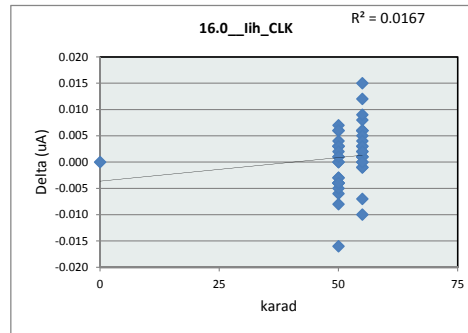


14.14_PGA_Gain_Match_Erro			
karad	0	50	55
LL	-0.800	-0.800	-0.800
Min	0.223	0.092	0.094
Average	0.223	0.195	0.199
Max	0.223	0.317	0.322
UL	0.800	0.800	0.800

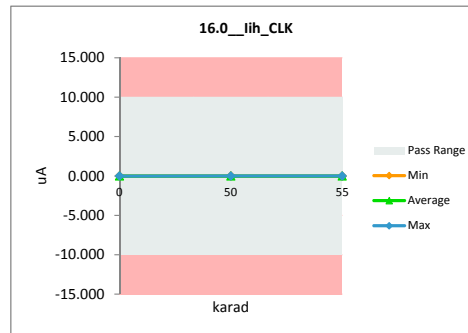


TID HDR TDE Report

16.0_ljh_CLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.001	-0.001	0.000
50	AA114B	0.000	-0.003	0.003
50	AA115B	-0.003	0.003	-0.006
50	AA116B	-0.001	-0.008	0.007
50	AA120B	-0.004	0.001	-0.005
50	AA121B	0.000	-0.001	0.001
50	AA123B	-0.001	0.002	-0.003
50	AA124B	-0.001	-0.004	0.003
50	AA189B	0.006	0.000	0.006
50	AA190B	0.000	-0.006	0.006
50	BB41B	-0.005	-0.001	-0.004
50	BB38B	0.003	-0.001	0.004
50	CC20B	-0.007	0.009	-0.016
50	CC10B	-0.001	0.003	-0.004
50	CC15B	-0.003	-0.003	0.000
50	CC13B	-0.001	-0.004	0.003
50	CC3B	-0.003	0.001	-0.004
50	CC16B	0.000	0.000	0.000
50	CC35B	-0.003	0.000	-0.003
50	CC47B	-0.001	-0.003	0.002
50	CC54B	-0.006	0.002	-0.008
50	CC51B	0.000	-0.001	0.001
50	CC55B	-0.003	0.001	-0.004
55	A114B	0.000	-0.006	0.006
55	A115B	-0.003	-0.004	0.001
55	A116B	-0.001	-0.001	0.000
55	A120B	-0.004	-0.005	0.001
55	A121B	0.000	-0.008	0.008
55	A123B	-0.001	-0.003	0.002
55	A124B	-0.001	-0.007	0.006
55	A189B	0.006	-0.009	0.015
55	A190B	0.000	-0.006	0.006
55	B41B	-0.005	-0.008	0.003
55	B38B	0.003	-0.002	0.005
55	C20B	-0.007	-0.006	-0.001
55	C10B	-0.001	-0.005	0.004
55	C15B	-0.003	-0.002	-0.001
55	C13B	-0.001	-0.002	0.001
55	C3B	-0.003	-0.006	0.003
55	C16B	0.000	-0.009	0.009
55	C35B	-0.003	-0.005	0.002
55	C47B	-0.001	-0.001	0.000
55	C54B	-0.006	0.004	-0.010
55	C51B	0.000	-0.012	0.012
55	C55B	-0.003	0.004	-0.007
	Max	0.006	0.009	0.015
	Average	-0.002	-0.003	0.001
	Min	-0.007	-0.012	-0.016
	Std Dev	0.003	0.004	0.006

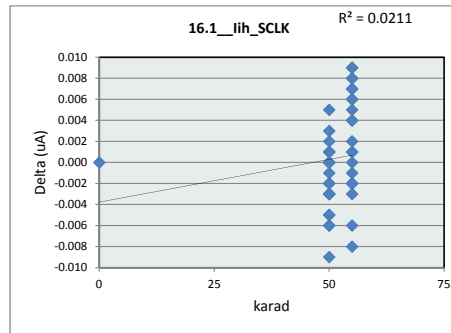


16.0_ljh_CLK			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	-0.001	-0.008	-0.012
Average	-0.001	-0.001	-0.005
Max	-0.001	0.009	0.004
UL	10.000	10.000	10.000

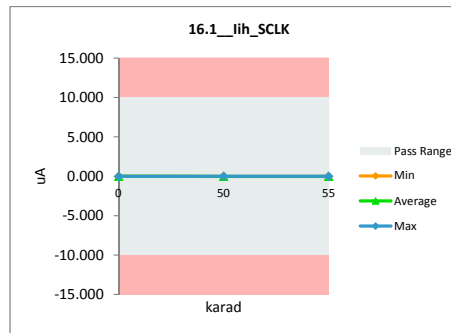


TID HDR TDE Report

16.1_ljh_SCLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.001	0.001	0.000
50	AA114B	-0.002	0.003	-0.005
50	AA115B	0.002	0.000	0.002
50	AA116B	0.004	0.004	0.000
50	AA120B	0.001	0.004	-0.003
50	AA121B	-0.001	-0.004	0.003
50	AA123B	-0.002	0.000	-0.002
50	AA124B	-0.004	0.002	-0.006
50	AA189B	-0.002	-0.001	-0.001
50	AA190B	-0.003	0.000	-0.003
50	BB41B	-0.005	0.004	-0.009
50	BB38B	-0.005	-0.002	-0.003
50	CC20B	-0.006	-0.003	-0.003
50	CC10B	-0.004	0.002	-0.006
50	CC15B	-0.003	-0.004	0.001
50	CC13B	0.000	0.002	-0.002
50	CC3B	-0.002	0.003	-0.005
50	CC16B	-0.001	-0.001	0.000
50	CC35B	0.000	-0.001	0.001
50	CC47B	0.002	-0.003	0.005
50	CC54B	-0.002	-0.003	0.001
50	CC51B	-0.001	-0.001	0.000
50	CC55B	0.000	0.000	0.000
55	A114B	-0.002	-0.002	0.000
55	A115B	0.002	0.004	-0.002
55	A116B	0.004	-0.001	0.005
55	A120B	0.001	-0.005	0.006
55	A121B	-0.001	-0.009	0.008
55	A123B	-0.002	-0.001	-0.001
55	A124B	-0.004	0.004	-0.008
55	A189B	-0.002	0.000	-0.002
55	A190B	-0.003	-0.004	0.001
55	B41B	-0.005	0.001	-0.006
55	B38B	-0.005	-0.003	-0.002
55	C20B	-0.006	-0.007	0.001
55	C10B	-0.004	-0.001	-0.003
55	C15B	-0.003	-0.007	0.004
55	C13B	0.000	-0.002	0.002
55	C3B	-0.002	-0.008	0.006
55	C16B	-0.001	-0.009	0.008
55	C35B	0.000	-0.007	0.007
55	C47B	0.002	-0.002	0.004
55	C54B	-0.002	-0.011	0.009
55	C51B	-0.001	-0.010	0.009
55	C55B	0.000	-0.007	0.007
Max		0.004	0.004	0.009
Average		-0.001	-0.002	0.000
Min		-0.006	-0.011	-0.009
Std Dev		0.002	0.004	0.005

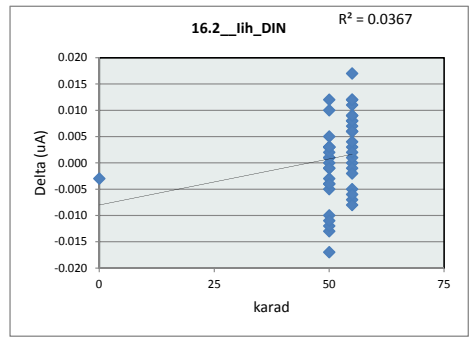


16.1_ljh_SCLK			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	0.001	-0.004	-0.011
Average	0.001	0.000	-0.004
Max	0.001	0.004	0.004
UL	10.000	10.000	10.000

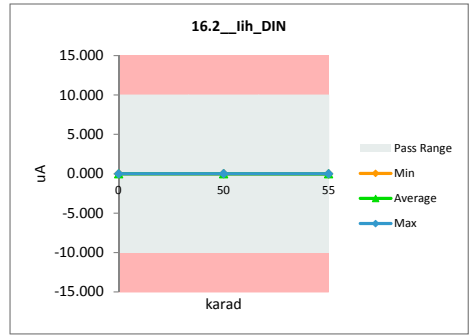


TID HDR TDE Report

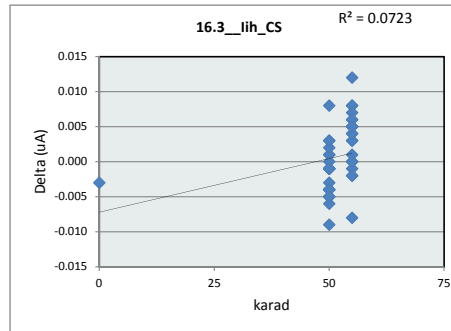
16.2 Iih_DIN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.001	0.004	-0.003
50	AA114B	0.008	0.007	0.001
50	AA115B	-0.006	0.011	-0.017
50	AA116B	-0.002	-0.001	-0.001
50	AA120B	0.004	0.001	0.003
50	AA121B	0.001	0.011	-0.010
50	AA123B	0.009	-0.001	0.010
50	AA124B	-0.004	-0.005	0.001
50	AA189B	-0.009	-0.004	-0.005
50	AA190B	0.002	0.006	-0.004
50	BB41B	0.004	0.004	0.000
50	BB38B	-0.004	0.009	-0.013
50	CC20B	0.005	0.002	0.003
50	CC10B	0.005	0.002	0.003
50	CC15B	0.000	0.003	-0.003
50	CC13B	0.005	0.000	0.005
50	CC3B	0.006	0.004	0.002
50	CC16B	0.004	0.005	-0.001
50	CC35B	-0.001	0.011	-0.012
50	CC47B	-0.005	0.006	-0.011
50	CC54B	0.004	0.008	-0.004
50	CC51B	0.003	0.000	0.003
50	CC55B	0.014	0.002	0.012
55	A114B	0.008	0.005	0.003
55	A115B	-0.006	0.001	-0.007
55	A116B	-0.002	-0.002	0.000
55	A120B	0.004	0.005	-0.001
55	A121B	0.001	-0.003	0.004
55	A123B	0.009	-0.002	0.011
55	A124B	-0.004	0.001	-0.005
55	A189B	-0.009	-0.001	-0.008
55	A190B	0.002	0.001	0.001
55	B41B	0.004	-0.005	0.009
55	B38B	-0.004	0.002	-0.006
55	C20B	0.005	-0.007	0.012
55	C10B	0.005	-0.003	0.008
55	C15B	0.000	-0.006	0.006
55	C13B	0.005	-0.002	0.007
55	C3B	0.006	-0.011	0.017
55	C16B	0.004	-0.004	0.008
55	C35B	-0.001	-0.010	0.009
55	C47B	-0.005	-0.003	-0.002
55	C54B	0.004	-0.002	0.006
55	C51B	0.003	0.001	0.002
55	C55B	0.014	0.002	0.012
Max		0.014	0.011	0.017
Average		0.002	0.001	0.001
Min		-0.009	-0.011	-0.017
Std Dev		0.005	0.005	0.008



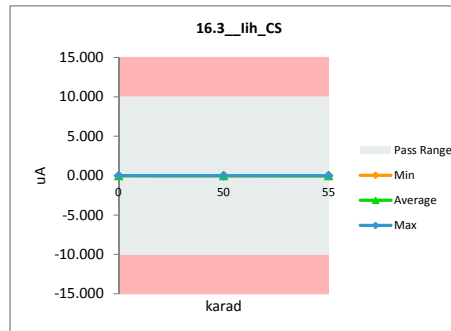
16.2 Iih_DIN			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	0.004	-0.005	-0.011
Average	0.004	0.004	-0.002
Max	0.004	0.011	0.005
UL	10.000	10.000	10.000



16.3_ljh_CS				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.001	0.002	-0.003
50	AA114B	0.005	0.002	0.003
50	AA115B	-0.005	0.000	-0.005
50	AA116B	-0.002	0.002	-0.004
50	AA120B	-0.003	0.000	-0.003
50	AA121B	0.003	0.004	-0.001
50	AA123B	0.000	-0.001	0.001
50	AA124B	-0.004	0.000	-0.004
50	AA189B	0.000	0.001	-0.001
50	AA190B	-0.002	0.004	-0.006
50	BB41B	-0.001	0.000	-0.001
50	BB38B	-0.002	0.003	-0.005
50	CC20B	0.003	0.002	0.001
50	CC10B	-0.002	0.002	-0.004
50	CC15B	0.001	-0.007	0.008
50	CC13B	0.002	0.000	0.002
50	CC3B	0.003	0.004	-0.001
50	CC16B	0.005	0.005	0.000
50	CC35B	-0.003	-0.002	-0.001
50	CC47B	0.000	0.004	-0.004
50	CC54B	-0.002	0.003	-0.005
50	CC51B	-0.002	0.007	-0.009
50	CC55B	0.002	-0.001	0.003
55	A114B	0.005	-0.003	0.008
55	A115B	-0.005	-0.005	0.000
55	A116B	-0.002	-0.002	0.000
55	A120B	-0.003	-0.001	-0.002
55	A121B	0.003	-0.002	0.005
55	A123B	0.000	-0.003	0.003
55	A124B	-0.004	0.004	-0.008
55	A189B	0.000	-0.004	0.004
55	A190B	-0.002	-0.001	-0.001
55	B41B	-0.001	-0.004	0.003
55	B38B	-0.002	0.000	-0.002
55	C20B	0.003	-0.005	0.008
55	C10B	-0.002	-0.008	0.006
55	C15B	0.001	0.000	0.001
55	C13B	0.002	-0.003	0.005
55	C3B	0.003	-0.009	0.012
55	C16B	0.005	-0.002	0.007
55	C35B	-0.003	-0.008	0.005
55	C47B	0.000	0.000	0.000
55	C54B	-0.002	-0.006	0.004
55	C51B	-0.002	-0.008	0.006
55	C55B	0.002	-0.003	0.005
Max		0.005	0.007	0.012
Average		0.000	-0.001	0.001
Min		-0.005	-0.009	-0.009
Std Dev		0.003	0.004	0.005

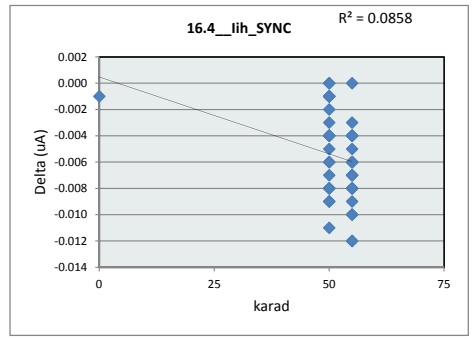


16.3_ljh_CS			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	0.002	-0.007	-0.009
Average	0.002	0.001	-0.003
Max	0.002	0.007	0.004
UL	10.000	10.000	10.000

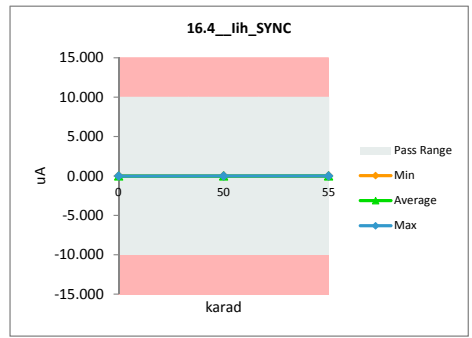


TID HDR TDE Report

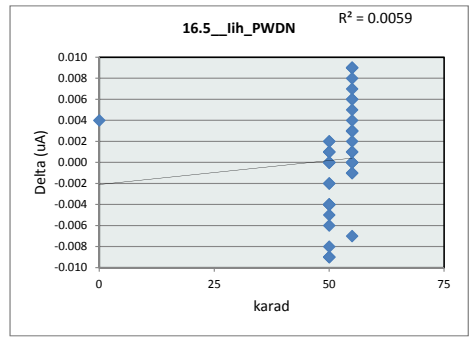
16.4_ljh_SYNC				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.002	-0.001	-0.001
50	AA114B	-0.005	-0.004	-0.001
50	AA115B	-0.002	-0.001	-0.001
50	AA116B	-0.006	0.002	-0.008
50	AA120B	-0.005	-0.005	0.000
50	AA121B	-0.007	0.000	-0.007
50	AA123B	-0.005	-0.001	-0.004
50	AA124B	-0.004	0.000	-0.004
50	AA189B	-0.004	-0.003	-0.001
50	AA190B	-0.007	-0.007	0.000
50	BB41B	-0.007	-0.001	-0.006
50	BB38B	-0.009	0.002	-0.011
50	CC20B	-0.008	-0.002	-0.006
50	CC10B	-0.003	0.001	-0.004
50	CC15B	-0.004	-0.001	-0.003
50	CC13B	-0.006	-0.002	-0.004
50	CC3B	-0.008	0.000	-0.008
50	CC16B	-0.004	-0.002	-0.002
50	CC35B	-0.006	-0.001	-0.005
50	CC47B	-0.008	0.000	-0.008
50	CC54B	-0.004	-0.003	-0.001
50	CC51B	-0.007	0.002	-0.009
50	CC55B	-0.009	0.000	-0.009
55	A114B	-0.005	-0.005	0.000
55	A115B	-0.002	0.002	-0.004
55	A116B	-0.006	0.000	-0.006
55	A120B	-0.005	-0.001	-0.004
55	A121B	-0.007	0.000	-0.007
55	A123B	-0.005	0.001	-0.006
55	A124B	-0.004	0.000	-0.004
55	A189B	-0.004	0.000	-0.004
55	A190B	-0.007	-0.002	-0.005
55	B41B	-0.007	0.003	-0.010
55	B38B	-0.009	0.001	-0.010
55	C20B	-0.008	0.000	-0.008
55	C10B	-0.003	0.005	-0.008
55	C15B	-0.004	0.004	-0.008
55	C13B	-0.006	0.000	-0.006
55	C3B	-0.008	-0.001	-0.007
55	C16B	-0.004	-0.001	-0.003
55	C35B	-0.006	0.001	-0.007
55	C47B	-0.008	0.001	-0.009
55	C54B	-0.004	0.002	-0.006
55	C51B	-0.007	0.005	-0.012
55	C55B	-0.009	0.003	-0.012
Max		-0.002	0.005	0.000
Average		-0.006	0.000	-0.006
Min		-0.009	-0.007	-0.012
Std Dev		0.002	0.002	0.003



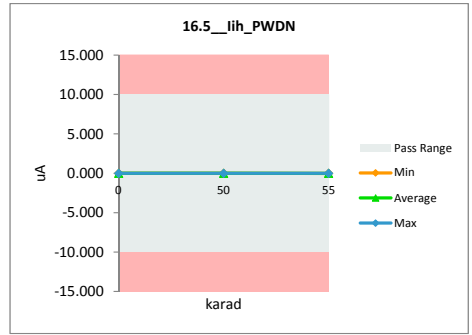
16.4_ljh_SYNC			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	-0.001	-0.007	-0.005
Average	-0.001	-0.001	0.001
Max	-0.001	0.002	0.005
UL	10.000	10.000	10.000



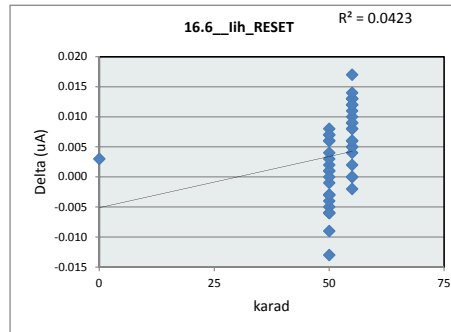
16.5_ljh_PWDN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.005	0.001	0.004
50	AA114B	0.000	0.009	-0.009
50	AA115B	0.002	0.001	0.001
50	AA116B	0.001	0.010	-0.009
50	AA120B	-0.001	0.004	-0.005
50	AA121B	0.004	0.003	0.001
50	AA123B	0.004	0.008	-0.004
50	AA124B	0.001	0.003	-0.002
50	AA189B	0.000	0.000	0.000
50	AA190B	0.000	0.004	-0.004
50	BB41B	0.002	0.006	-0.004
50	BB38B	-0.004	0.005	-0.009
50	CC20B	0.005	0.003	0.002
50	CC10B	0.006	0.005	0.001
50	CC15B	0.000	0.000	0.000
50	CC13B	-0.002	0.002	-0.004
50	CC3B	-0.002	0.004	-0.006
50	CC16B	0.000	0.004	-0.004
50	CC35B	0.004	0.004	0.000
50	CC47B	0.004	0.002	0.002
50	CC54B	-0.003	0.005	-0.008
50	CC51B	0.004	0.004	0.000
50	CC55B	0.000	0.002	-0.002
55	A114B	0.000	-0.003	0.003
55	A115B	0.002	-0.001	0.003
55	A116B	0.001	-0.007	0.008
55	A120B	-0.001	-0.002	0.001
55	A121B	0.004	-0.005	0.009
55	A123B	0.004	0.000	0.004
55	A124B	0.001	-0.002	0.003
55	A189B	0.000	-0.002	0.002
55	A190B	0.000	0.000	0.000
55	B41B	0.002	-0.004	0.006
55	B38B	-0.004	0.003	-0.007
55	C20B	0.005	-0.002	0.007
55	C10B	0.006	0.000	0.006
55	C15B	0.000	0.001	-0.001
55	C13B	-0.002	-0.002	0.000
55	C3B	-0.002	-0.001	-0.001
55	C16B	0.000	-0.003	0.003
55	C35B	0.004	-0.005	0.009
55	C47B	0.004	-0.005	0.009
55	C54B	-0.003	-0.004	0.001
55	C51B	0.004	-0.001	0.005
55	C55B	0.000	0.000	0.000
	Max	0.006	0.010	0.009
	Average	0.001	0.001	0.000
	Min	-0.004	-0.007	-0.009
	Std Dev	0.003	0.004	0.005



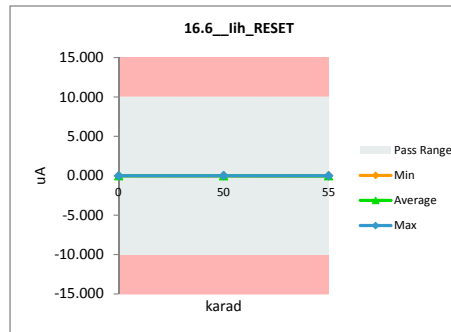
16.5_ljh_PWDN			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	0.001	0.001	-0.007
Average	0.001	0.004	-0.002
Max	0.001	0.010	0.003
UL	10.000	10.000	10.000



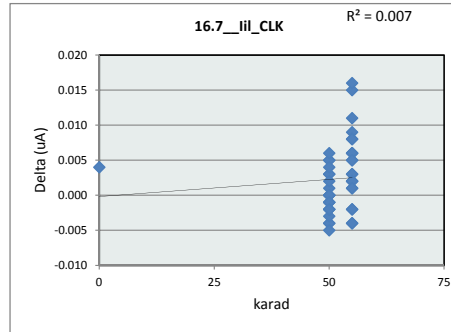
16.6 Iih_RESET				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.010	0.007	0.003
50	AA114B	0.000	0.006	-0.006
50	AA115B	0.001	0.007	-0.006
50	AA116B	0.002	0.003	-0.001
50	AA120B	-0.001	0.012	-0.013
50	AA121B	0.004	0.009	-0.005
50	AA123B	0.012	0.005	0.007
50	AA124B	0.004	0.003	0.001
50	AA189B	0.005	0.003	0.002
50	AA190B	0.004	0.007	-0.003
50	BB41B	0.003	0.002	0.001
50	BB38B	0.000	0.003	-0.003
50	CC20B	0.004	0.008	-0.004
50	CC10B	0.010	0.002	0.008
50	CC15B	0.006	0.015	-0.009
50	CC13B	0.006	0.006	0.000
50	CC3B	0.002	-0.002	0.004
50	CC16B	0.004	0.010	-0.006
50	CC35B	0.003	-0.003	0.006
50	CC47B	0.007	0.004	0.003
50	CC54B	0.009	0.003	0.006
50	CC51B	0.009	0.002	0.007
50	CC55B	0.007	0.010	-0.003
55	A114B	0.000	-0.004	0.004
55	A115B	0.001	0.003	-0.002
55	A116B	0.002	-0.003	0.005
55	A120B	-0.001	-0.001	0.000
55	A121B	0.004	-0.004	0.008
55	A123B	0.012	-0.001	0.013
55	A124B	0.004	-0.009	0.013
55	A189B	0.005	0.000	0.005
55	A190B	0.004	0.002	0.002
55	B41B	0.003	-0.007	0.010
55	B38B	0.000	0.000	0.000
55	C20B	0.004	-0.002	0.006
55	C10B	0.010	-0.001	0.011
55	C15B	0.006	-0.007	0.013
55	C13B	0.006	-0.006	0.012
55	C3B	0.002	-0.007	0.009
55	C16B	0.004	-0.004	0.008
55	C35B	0.003	-0.003	0.006
55	C47B	0.007	-0.007	0.014
55	C54B	0.009	-0.003	0.012
55	C51B	0.009	-0.008	0.017
55	C55B	0.007	-0.002	0.009
Max		0.012	0.015	0.017
Average		0.005	0.001	0.004
Min		-0.001	-0.009	-0.013
Std Dev		0.003	0.006	0.007



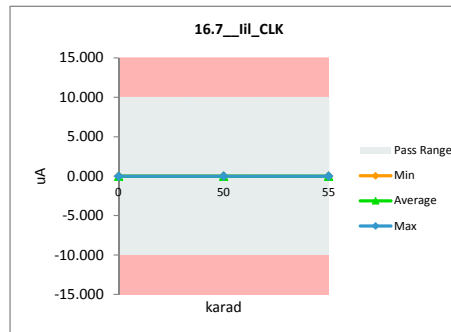
16.6 Iih_RESET			
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	0.007	-0.003	-0.009
Average	0.007	0.005	-0.003
Max	0.007	0.015	0.003
UL	10.000	10.000	10.000



16.7_lil_CLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.004	0.000	0.004
50	AA114B	0.000	0.000	0.000
50	AA115B	0.000	0.004	-0.004
50	AA116B	-0.006	-0.005	-0.001
50	AA120B	0.002	-0.001	0.003
50	AA121B	0.002	-0.003	0.005
50	AA123B	0.005	0.000	0.005
50	AA124B	-0.002	-0.002	0.000
50	AA189B	-0.003	0.001	-0.004
50	AA190B	0.001	-0.005	0.006
50	BB41B	-0.003	-0.002	-0.001
50	BB38B	-0.003	0.000	-0.003
50	CC20B	-0.001	-0.001	0.000
50	CC10B	0.001	0.000	0.001
50	CC15B	0.000	0.000	0.000
50	CC13B	0.003	0.000	0.003
50	CC3B	-0.004	-0.002	-0.002
50	CC16B	-0.001	-0.005	0.004
50	CC35B	-0.001	0.001	-0.002
50	CC47B	0.000	-0.002	0.002
50	CC54B	-0.001	0.000	-0.001
50	CC51B	-0.004	0.001	-0.005
50	CC55B	-0.002	0.000	-0.002
55	A114B	0.000	-0.009	0.009
55	A115B	0.000	-0.008	0.008
55	A116B	-0.006	-0.004	-0.002
55	A120B	0.002	-0.006	0.008
55	A121B	0.002	-0.013	0.015
55	A123B	0.005	-0.011	0.016
55	A124B	-0.002	-0.007	0.005
55	A189B	-0.003	-0.004	0.001
55	A190B	0.001	-0.005	0.006
55	B41B	-0.003	-0.005	0.002
55	B38B	-0.003	0.001	-0.004
55	C20B	-0.001	-0.004	0.003
55	C10B	0.001	-0.001	0.002
55	C15B	0.000	-0.006	0.006
55	C13B	0.003	-0.008	0.011
55	C3B	-0.004	-0.007	0.003
55	C16B	-0.001	-0.007	0.006
55	C35B	-0.001	0.001	-0.002
55	C47B	0.000	-0.002	0.002
55	C54B	-0.001	-0.002	0.001
55	C51B	-0.004	-0.009	0.005
55	C55B	-0.002	0.002	-0.004
	Max	0.005	0.004	0.016
	Average	-0.001	-0.003	0.002
	Min	-0.006	-0.013	-0.005
	Std Dev	0.003	0.004	0.005

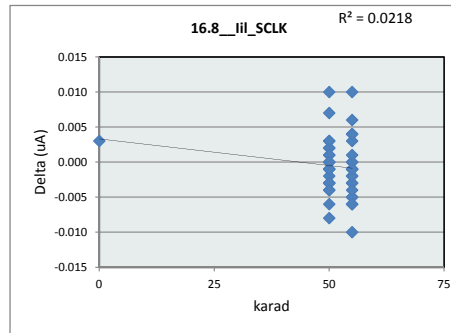


16.7_lil_CLK			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	0.000	-0.005	-0.013
Average	0.000	-0.001	-0.005
Max	0.000	0.004	0.002
UL	10.000	10.000	10.000

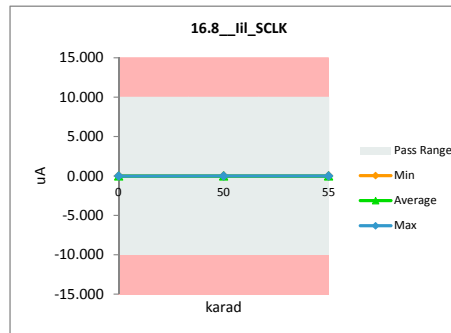


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16.8_III_SCLK				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.001	-0.002	0.003
50	AA114B	-0.003	-0.003	0.000
50	AA115B	-0.002	-0.005	0.003
50	AA116B	-0.006	0.002	-0.008
50	AA120B	0.000	0.003	-0.003
50	AA121B	0.000	-0.007	0.007
50	AA123B	-0.002	-0.001	-0.001
50	AA124B	-0.003	0.001	-0.004
50	AA189B	-0.003	-0.005	0.002
50	AA190B	-0.004	-0.002	-0.002
50	BB41B	-0.005	0.001	-0.006
50	BB38B	-0.003	-0.005	0.002
50	CC20B	0.003	-0.007	0.010
50	CC10B	-0.001	-0.002	0.001
50	CC15B	-0.004	-0.003	-0.001
50	CC13B	-0.004	-0.003	-0.001
50	CC3B	-0.003	-0.003	0.000
50	CC16B	-0.005	-0.002	-0.003
50	CC35B	-0.003	-0.004	0.001
50	CC47B	0.001	0.001	0.000
50	CC54B	-0.006	-0.003	-0.003
50	CC51B	0.000	-0.003	0.003
50	CC55B	-0.002	0.002	-0.004
55	A114B	-0.003	0.000	-0.003
55	A115B	-0.002	0.004	-0.006
55	A116B	-0.006	-0.003	-0.003
55	A120B	0.000	-0.006	0.006
55	A121B	0.000	-0.003	0.003
55	A123B	-0.002	0.000	-0.002
55	A124B	-0.003	-0.002	-0.001
55	A189B	-0.003	0.002	-0.005
55	A190B	-0.004	0.001	-0.005
55	B41B	-0.005	0.005	-0.010
55	B38B	-0.003	0.003	-0.006
55	C20B	0.003	-0.007	0.010
55	C10B	-0.001	-0.001	-0.001
55	C15B	-0.004	-0.002	-0.002
55	C13B	-0.004	-0.004	0.000
55	C3B	-0.003	-0.002	-0.001
55	C16B	-0.005	-0.005	0.000
55	C35B	-0.003	-0.002	-0.001
55	C47B	0.001	-0.003	0.004
55	C54B	-0.006	-0.002	-0.004
55	C51B	0.000	-0.004	0.004
55	C55B	-0.002	-0.003	0.001
Max		0.003	0.005	0.010
Average		-0.002	-0.002	-0.001
Min		-0.006	-0.007	-0.010
Std Dev		0.002	0.003	0.004

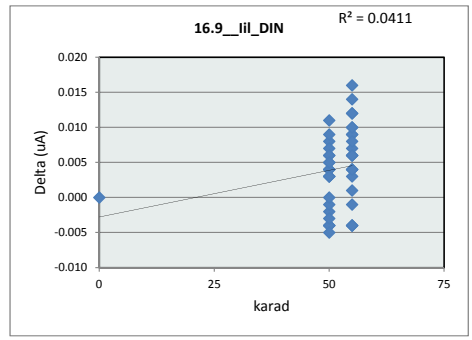


16.8_III_SCLK			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	-0.002	-0.007	-0.007
Average	-0.002	-0.002	-0.002
Max	-0.002	0.003	0.005
UL	10.000	10.000	10.000

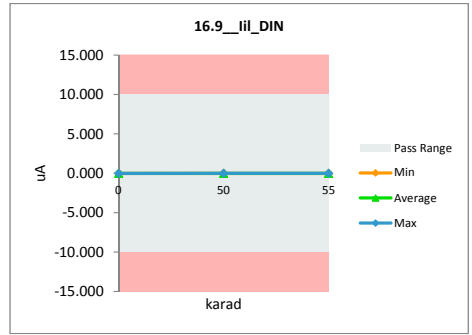


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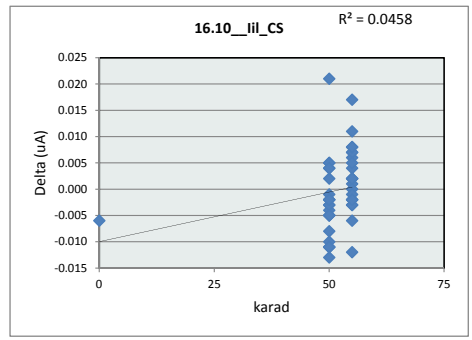
16.9_lil_DIN				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.000	0.000	0.000
50	AA114B	0.005	0.001	0.004
50	AA115B	-0.001	0.003	-0.004
50	AA116B	0.005	-0.001	0.006
50	AA120B	0.003	0.007	-0.004
50	AA121B	0.004	-0.004	0.008
50	AA123B	0.006	0.003	0.003
50	AA124B	0.010	-0.001	0.011
50	AA189B	0.006	-0.003	0.009
50	AA190B	0.000	-0.003	0.003
50	BB41B	0.003	-0.002	0.005
50	BB38B	0.000	0.002	-0.002
50	CC20B	0.002	0.006	-0.004
50	CC10B	0.002	-0.005	0.007
50	CC15B	-0.005	-0.002	-0.003
50	CC13B	0.003	-0.001	0.004
50	CC3B	0.002	0.003	-0.001
50	CC16B	0.004	0.000	0.004
50	CC35B	-0.001	-0.007	0.006
50	CC47B	0.002	-0.001	0.003
50	CC54B	0.003	-0.002	0.005
50	CC51B	0.001	0.006	-0.005
50	CC55B	0.001	0.001	0.000
55	A114B	0.005	-0.001	0.006
55	A115B	-0.001	0.000	-0.001
55	A116B	0.005	-0.005	0.010
55	A120B	0.003	-0.003	0.006
55	A121B	0.004	-0.005	0.009
55	A123B	0.006	-0.003	0.009
55	A124B	0.010	-0.006	0.016
55	A189B	0.006	0.002	0.004
55	A190B	0.000	0.004	-0.004
55	B41B	0.003	-0.004	0.007
55	B38B	0.000	-0.001	0.001
55	C20B	0.002	-0.010	0.012
55	C10B	0.002	-0.002	0.004
55	C15B	-0.005	-0.008	0.003
55	C13B	0.003	-0.011	0.014
55	C3B	0.002	-0.010	0.012
55	C16B	0.004	-0.004	0.008
55	C35B	-0.001	0.003	-0.004
55	C47B	0.002	-0.004	0.006
55	C54B	0.003	-0.007	0.010
55	C51B	0.001	-0.003	0.004
55	C55B	0.001	0.005	-0.004
Max		0.010	0.007	0.016
Average		0.002	-0.002	0.004
Min		-0.005	-0.011	-0.005
Std Dev		0.003	0.004	0.005



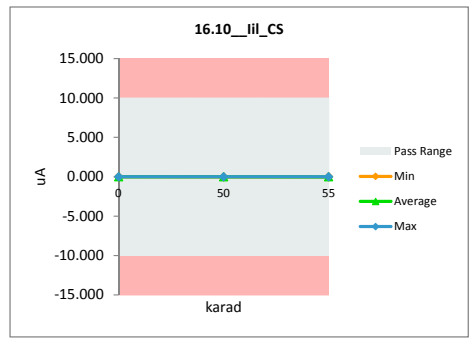
16.9_lil_DIN			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	0.000	-0.007	-0.011
Average	0.000	0.000	-0.003
Max	0.000	0.007	0.005
UL	10.000	10.000	10.000



16.10_Iil_CS				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.004	0.002	-0.006
50	AA114B	-0.002	0.001	-0.003
50	AA115B	-0.008	0.000	-0.008
50	AA116B	0.003	-0.002	0.005
50	AA120B	-0.007	0.004	-0.011
50	AA121B	-0.009	0.001	-0.010
50	AA123B	-0.001	0.001	-0.002
50	AA124B	-0.003	-0.007	0.004
50	AA189B	-0.007	-0.009	0.002
50	AA190B	0.000	0.004	-0.004
50	BB41B	0.002	0.007	-0.005
50	BB38B	-0.002	0.003	-0.005
50	CC20B	0.008	0.003	0.005
50	CC10B	-0.005	0.008	-0.013
50	CC15B	0.008	-0.013	0.021
50	CC13B	-0.005	0.000	-0.005
50	CC3B	0.002	0.005	-0.003
50	CC16B	-0.002	0.009	-0.011
50	CC35B	-0.005	-0.004	-0.001
50	CC47B	0.003	0.005	-0.002
50	CC54B	0.002	-0.002	0.004
50	CC51B	-0.006	0.005	-0.011
50	CC55B	0.001	0.003	-0.002
55	A114B	-0.002	-0.004	0.002
55	A115B	-0.008	-0.005	-0.003
55	A116B	0.003	-0.004	0.007
55	A120B	-0.007	-0.001	-0.006
55	A121B	-0.009	0.003	-0.012
55	A123B	-0.001	-0.003	0.002
55	A124B	-0.003	-0.001	-0.002
55	A189B	-0.007	-0.005	-0.002
55	A190B	0.000	-0.001	0.001
55	B41B	0.002	-0.004	0.006
55	B38B	-0.002	-0.009	0.007
55	C20B	0.008	-0.009	0.017
55	C10B	-0.005	-0.002	-0.003
55	C15B	0.008	-0.003	0.011
55	C13B	-0.005	-0.009	0.004
55	C3B	0.002	-0.006	0.008
55	C16B	-0.002	-0.007	0.005
55	C35B	-0.005	-0.005	0.000
55	C47B	0.003	-0.005	0.008
55	C54B	0.002	0.003	-0.001
55	C51B	-0.006	-0.004	-0.002
55	C55B	0.001	-0.001	0.002
Max		0.008	0.009	0.021
Average		-0.002	-0.001	0.000
Min		-0.009	-0.013	-0.013
Std Dev		0.005	0.005	0.007

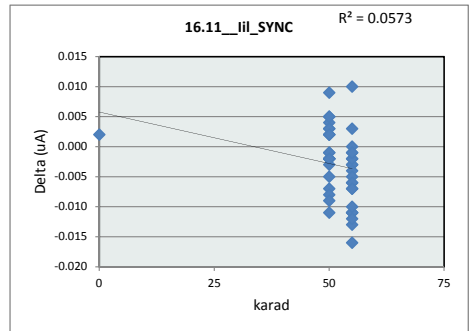


16.10_Iil_CS			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	0.002	-0.013	-0.009
Average	0.002	0.001	-0.004
Max	0.002	0.009	0.003
UL	10.000	10.000	10.000

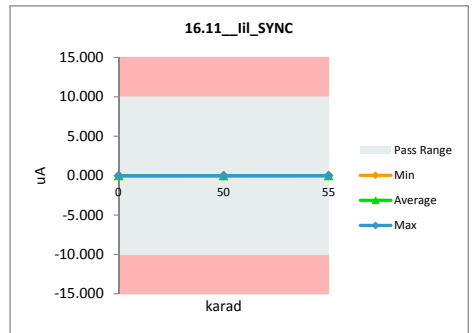


TID HDR TDE Report

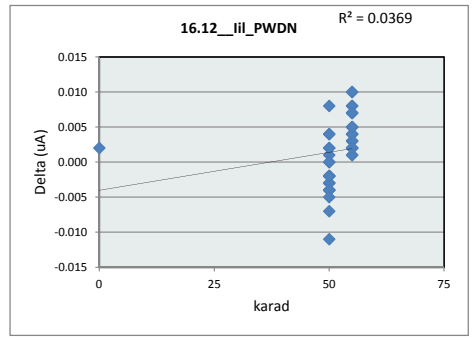
16.11__Iil_SYNC				
Test Site	CLAB	CLAB		
Tester	EAGLE3	EAGLE3		
Test Number	EF651300	EF651300		
Unit	uA	uA		
Max Limit	10	10		
Min Limit	-10	-10		
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	-0.002	-0.004	0.002
50	AA114B	-0.003	-0.007	0.004
50	AA115B	-0.003	-0.005	0.002
50	AA116B	-0.006	0.001	-0.007
50	AA120B	-0.007	-0.005	-0.002
50	AA121B	-0.006	-0.004	-0.002
50	AA123B	-0.003	-0.006	0.003
50	AA124B	-0.005	-0.003	-0.002
50	AA189B	-0.004	-0.003	-0.001
50	AA190B	-0.008	-0.006	-0.002
50	BB41B	-0.004	-0.006	0.002
50	BB38B	0.005	0.002	0.003
50	CC20B	-0.005	-0.004	-0.001
50	CC10B	-0.007	0.004	-0.011
50	CC15B	-0.006	-0.011	0.005
50	CC13B	-0.005	-0.002	-0.003
50	CC3B	-0.007	0.001	-0.008
50	CC16B	-0.006	-0.004	-0.002
50	CC35B	-0.008	-0.003	-0.005
50	CC47B	-0.010	-0.001	-0.009
50	CC54B	-0.001	-0.003	0.002
50	CC51B	-0.001	-0.006	0.005
50	CC55B	0.003	-0.006	0.009
55	A114B	-0.003	-0.003	0.000
55	A115B	-0.003	0.008	-0.011
55	A116B	-0.006	-0.003	-0.003
55	A120B	-0.007	0.004	-0.011
55	A121B	-0.006	0.000	-0.006
55	A123B	-0.003	-0.001	-0.002
55	A124B	-0.005	-0.002	-0.003
55	A189B	-0.004	0.000	-0.004
55	A190B	-0.008	-0.001	-0.007
55	B41B	-0.004	-0.007	0.003
55	B38B	0.005	-0.005	0.010
55	C20B	-0.005	-0.003	-0.002
55	C10B	-0.007	0.000	-0.011
55	C15B	-0.006	0.007	-0.013
55	C13B	-0.005	0.000	-0.005
55	C3B	-0.007	0.003	-0.010
55	C16B	-0.006	0.010	-0.016
55	C35B	-0.008	-0.002	-0.006
55	C47B	-0.010	-0.003	-0.007
55	C54B	-0.001	0.011	-0.012
55	C51B	-0.001	0.000	-0.001
55	C55B	0.003	0.004	-0.001
Max		0.005	0.011	0.010
Average		-0.004	-0.001	-0.003
Min		-0.010	-0.011	-0.016
Std Dev		0.003	0.005	0.006



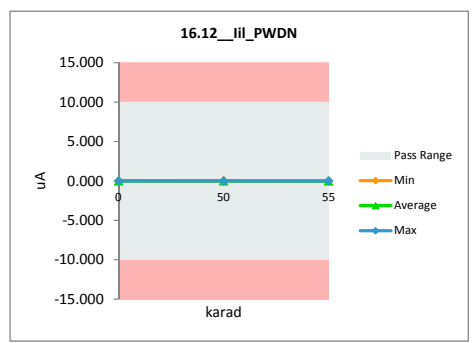
16.11__Iil_SYNC			
Test Site	CLAB		
Tester	EAGLE3		
Test Number	EF651300		
Max Limit	10	uA	
Min Limit	-10	uA	
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	-0.004	-0.011	-0.007
Average	-0.004	-0.004	0.001
Max	-0.004	0.004	0.011
UL	10.000	10.000	10.000



16.12__Iil_PWDN				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.006	0.004	0.002
50	AA114B	0.003	0.002	0.001
50	AA115B	0.005	0.003	0.002
50	AA116B	0.005	0.007	-0.002
50	AA120B	-0.001	-0.001	0.000
50	AA121B	-0.002	0.000	-0.002
50	AA123B	0.001	0.005	-0.004
50	AA124B	-0.002	0.002	-0.004
50	AA189B	0.005	-0.003	0.008
50	AA190B	0.000	0.003	-0.003
50	BB41B	-0.001	0.002	-0.003
50	BB38B	-0.003	0.001	-0.004
50	CC20B	-0.001	-0.003	0.002
50	CC10B	0.000	0.003	-0.003
50	CC15B	0.002	-0.002	0.004
50	CC13B	-0.004	0.003	-0.007
50	CC3B	-0.002	-0.002	0.000
50	CC16B	-0.003	0.008	-0.011
50	CC35B	0.005	0.001	0.004
50	CC47B	0.002	0.004	-0.002
50	CC54B	-0.003	0.001	-0.004
50	CC51B	0.000	0.005	-0.005
50	CC55B	-0.001	0.001	-0.002
55	A114B	0.003	-0.004	0.007
55	A115B	0.005	-0.003	0.008
55	A116B	0.005	-0.005	0.010
55	A120B	-0.001	-0.004	0.003
55	A121B	-0.002	-0.006	0.004
55	A123B	0.001	-0.001	0.002
55	A124B	-0.002	-0.004	0.002
55	A189B	0.005	-0.005	0.010
55	A190B	0.000	-0.007	0.007
55	B41B	-0.001	-0.002	0.001
55	B38B	-0.003	-0.005	0.002
55	C20B	-0.001	-0.006	0.005
55	C10B	0.000	0.005	0.005
55	C15B	0.002	0.001	0.001
55	C13B	-0.004	-0.007	0.003
55	C3B	-0.002	-0.005	0.003
55	C16B	-0.003	-0.007	0.004
55	C35B	0.005	-0.003	0.008
55	C47B	0.002	-0.002	0.004
55	C54B	-0.003	-0.008	0.005
55	C51B	0.000	-0.002	0.002
55	C55B	-0.001	-0.008	0.007
	Max	0.006	0.008	0.010
	Average	0.000	-0.001	0.002
	Min	-0.004	-0.008	-0.011
	Std Dev	0.003	0.004	0.005

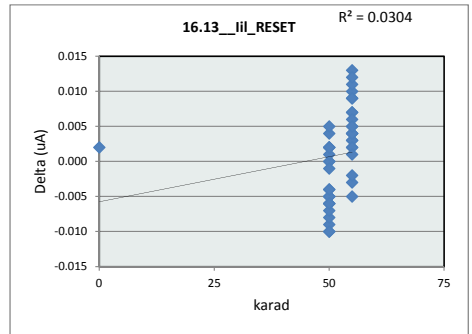


16.12__Iil_PWDN			
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	0.004	-0.003	-0.008
Average	0.004	0.002	-0.004
Max	0.004	0.008	0.001
UL	10.000	10.000	10.000

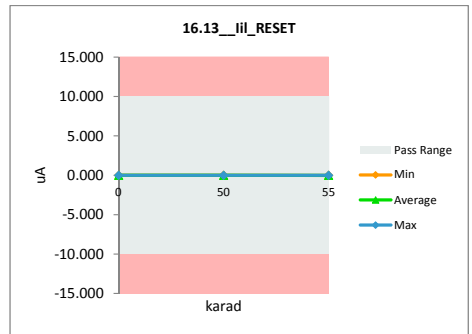


TID HDR TDE Report

16.13__Iil_RESET				
karad	Serial #	PRE_DATA	POST50K_RT_HT_ANNEAL	Delta
0	C24	0.003	0.001	0.002
50	AA114B	0.004	0.004	0.000
50	AA115B	0.000	0.010	-0.010
50	AA116B	0.002	0.007	-0.005
50	AA120B	0.000	0.009	-0.009
50	AA121B	0.006	0.006	0.000
50	AA123B	0.003	0.009	-0.006
50	AA124B	0.003	0.008	-0.005
50	AA189B	0.001	0.009	-0.008
50	AA190B	0.003	0.007	-0.004
50	BB41B	-0.001	0.004	-0.005
50	BB38B	0.007	0.005	0.002
50	CC20B	0.003	0.004	-0.001
50	CC10B	0.002	0.006	-0.004
50	CC15B	-0.001	0.009	-0.010
50	CC13B	0.004	0.010	-0.006
50	CC3B	0.004	0.003	0.001
50	CC16B	0.002	0.009	-0.007
50	CC35B	0.011	0.007	0.004
50	CC47B	0.009	0.004	0.005
50	CC54B	0.005	0.003	0.002
50	CC51B	0.005	0.003	0.002
50	CC55B	0.000	0.006	-0.006
55	A114B	0.004	0.002	0.002
55	A115B	0.000	-0.003	0.003
55	A116B	0.002	-0.005	0.007
55	A120B	0.000	-0.003	0.003
55	A121B	0.006	-0.003	0.009
55	A123B	0.003	0.001	0.002
55	A124B	0.003	-0.001	0.004
55	A189B	0.001	0.004	-0.003
55	A190B	0.003	-0.004	0.007
55	B41B	-0.001	-0.006	0.005
55	B38B	0.007	-0.003	0.010
55	C20B	0.003	-0.001	0.004
55	C10B	0.002	0.001	0.001
55	C15B	-0.001	0.004	-0.005
55	C13B	0.004	-0.007	0.011
55	C3B	0.004	-0.005	0.009
55	C16B	0.002	-0.004	0.006
55	C35B	0.011	-0.002	0.013
55	C47B	0.009	-0.003	0.012
55	C54B	0.005	0.001	0.004
55	C51B	0.005	0.000	0.005
55	C55B	0.000	0.002	-0.002
Max		0.011	0.010	0.013
Average		0.003	0.002	0.001
Min		-0.001	-0.007	-0.010
Std Dev		0.003	0.005	0.006



16.13__Iil_RESET			
karad	0	50	55
LL	-10.000	-10.000	-10.000
Min	0.001	0.003	-0.007
Average	0.001	0.006	-0.002
Max	0.001	0.010	0.004
UL	10.000	10.000	10.000



# **ADS1282-RHA**

## **TID 50Krad (Si) LDR Report**

**All units passed SMD specification limits up to 50Krad LDR.**

## TID Low Dose Rate Report: 50krad(Si)

<b>TI Part Number</b>	ADS1282-RHA (5962L1423101VXC)
<b>Device Function</b>	ADS1282-RHA 32-BIT ANALOG-TO-DIGITAL CONVERTER
<b>Package</b>	28 HKV
<b>Technology</b>	50HPA07
<b>Die Lot Number</b>	4751232DM5
<b>A/T Lot Number / Date Code</b>	5006412MMT(LTC: 1536A, 5008799MMT (LTC: 1545AA), 5008800MMT (LTC: 1545BA)
<b>Quantity Tested</b>	85 units including 1 control unit. Refer to Table III
<b>Lot Accept/Reject</b>	Devices passed 3krad (Si), 10krad(Si), 25krad(Si), 30krad(Si) and 50krad(Si)
<b>Radiation Facility</b>	Radiation Assured Devices Longmire Laboratories, Colorado Springs, CO
<b>LDR Dose</b>	3krad(Si), 10krad(Si), 25krad(Si), 30krad(Si) and 50krad(Si)
<b>LDR Dose Rate</b>	0.01 rad/sec (Si)
<b>Radiation Source</b>	Co-60
<b>Irradiation Temperature</b>	Ambient, room temperature

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## Exposure Record

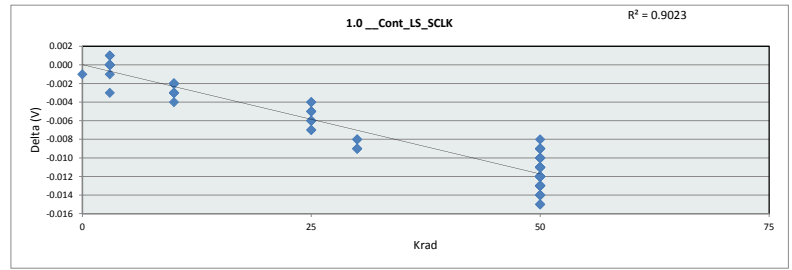
<b>Customer:</b>	TI
<b>Dose Rate:</b>	0.01 rad/sec (Si)
<b>Quantity Irradiated:</b>	10

<b>Device Type:</b>	ADS1282-RHA
<b>Total Dose (krad):</b>	Varies
<b>RAD Job Number:</b>	15-0754

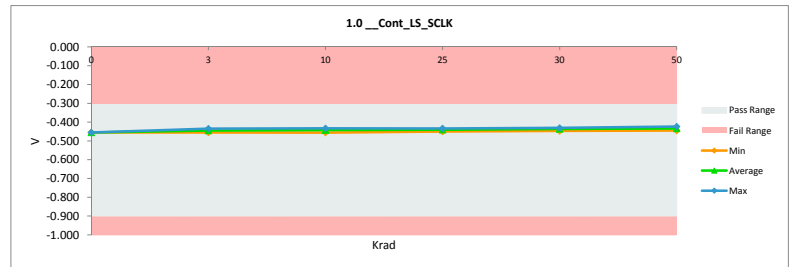
Serial Number	Total Dose (krad)	Date Shipped	Comments
Lot A (162, 165), Lot B (48, 51), Lot C (60)	3k	1/3/2016	biased
Lot A (160), Lot B (54, 56), Lot C (61, 62)	10k	1/6/2016	biased
Lot A (158), Lot B (59, 63), Lot C (64, 68)	25k	2/4/2016	biased
Lot A (A158), Lot B (A59, A63), Lot C (A64, A68)	30k	3/1/2016	biased
Lot A (146, 148, 180, 182, 183, 184, 185, 186), Lot B (10, 11, 13, 14, 15, 17, 18), Lot C (32, 33, 34, 78, 79, 80)	50k	2/16/2016	biased
Lot A (154, 155), Lot B (66, 69), Lot C (72)	3k	1/3/2016	un-biased
Lot A (145, 153), Lot B (70, 72), Lot C (73)	10k	1/6/2016	un-biased
Lot A (150, 152), Lot B (1, 4), Lot C (74)	25k	2/4/2016	un-biased
Lot A (171, 172, 173, 174, 176, 178, 179), Lot B (26, 32, 35, 37, 39, 40, 44, 80), Lot C (41, 42, 43, 44, 46, 49, 50)	50k	2/16/2016	un-biased

Notes: Parts were irradiated at 24°C ± 6°C and were shipped FED EX.

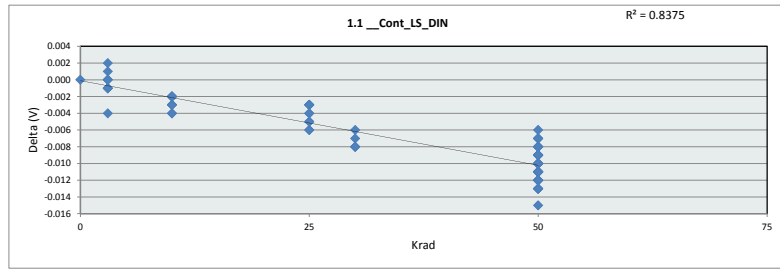
		1.0_Cont_LS_SCLK		
Test Site	CLAB	CLAB	CLAB	
Tester	Eagle3	Eagle3	Eagle3	
Test Number	EF651300	EF651300	EF651300	
Unit	V	V	V	
Max Limit	-0.3	-0.3	-0.3	
Min Limit	-0.9	-0.9	-0.9	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.456	-0.455	-0.001
3	B48B	-0.445	-0.446	0.001
3	B51B	-0.455	-0.455	0.000
3	C60B	-0.438	-0.435	-0.003
3	A162B	-0.444	-0.444	0.000
3	A165B	-0.438	-0.439	0.001
3	A155UB	-0.441	-0.441	0.000
3	A154UB	-0.444	-0.444	0.000
3	66UB	-0.450	-0.450	0.000
3	69UB	-0.455	-0.455	0.000
3	C72UB	-0.442	-0.441	-0.001
10	B54B	-0.453	-0.450	-0.003
10	B56B	-0.458	-0.456	-0.002
10	C61B	-0.443	-0.440	-0.003
10	C62B	-0.437	-0.433	-0.004
10	A160B	-0.439	-0.436	-0.003
10	B70UB	-0.442	-0.440	-0.002
10	B72UB	-0.449	-0.447	-0.002
10	C73UB	-0.441	-0.438	-0.003
10	A145UB	-0.443	-0.441	-0.002
10	A153UB	-0.445	-0.443	-0.002
25	A158B	-0.440	-0.434	-0.006
25	B59B	-0.455	-0.450	-0.005
25	B63B	-0.446	-0.440	-0.006
25	C64B	-0.440	-0.434	-0.006
25	C68B	-0.445	-0.438	-0.007
25	A152UB	-0.445	-0.440	-0.005
25	A150UB	-0.447	-0.442	-0.005
25	B11UB	-0.449	-0.445	-0.004
25	B4UB	-0.450	-0.446	-0.004
25	C74UB	-0.447	-0.440	-0.007
30	AA155B	-0.440	-0.431	-0.009
30	BB59B	-0.455	-0.447	-0.008
30	BB63B	-0.446	-0.438	-0.008
30	CC64B	-0.440	-0.431	-0.009
30	CC68B	-0.445	-0.436	-0.009
50	C32B	-0.437	-0.424	-0.013
50	C33B	-0.444	-0.431	-0.013
50	C34B	-0.443	-0.430	-0.013
50	C39B	-0.448	-0.434	-0.014
50	C78B	-0.441	-0.427	-0.014
50	C79B	-0.446	-0.433	-0.013
50	C80B	-0.441	-0.427	-0.014
50	B14B	-0.452	-0.441	-0.011
50	B15B	-0.449	-0.438	-0.011
50	B18B	-0.445	-0.432	-0.013
50	B10B	-0.453	-0.441	-0.012
50	B11B	-0.448	-0.436	-0.012
50	B13B	-0.453	-0.440	-0.013
50	B17B	-0.449	-0.437	-0.012
50	B185B	-0.445	-0.430	-0.015
50	A186B	-0.445	-0.434	-0.011
50	A180B	-0.446	-0.431	-0.015
50	A148B	-0.439	-0.429	-0.010
50	A183B	-0.444	-0.432	-0.012
50	A184B	-0.441	-0.429	-0.012
50	A146B	-0.441	-0.428	-0.013
50	A182B	-0.446	-0.435	-0.011
50	A179UB	-0.440	-0.431	-0.009
50	A176UB	-0.441	-0.429	-0.012
50	A174UB	-0.445	-0.436	-0.009
50	A172UB	-0.443	-0.433	-0.010
50	A171UB	-0.444	-0.434	-0.010
50	C41UB	-0.443	-0.432	-0.011
50	C42UB	-0.440	-0.432	-0.008
50	C43UB	-0.439	-0.429	-0.010
50	C44UB	-0.439	-0.430	-0.009
50	C46UB	-0.443	-0.432	-0.011
50	C49UB	-0.446	-0.437	-0.009
50	C50UB	-0.445	-0.434	-0.011
50	B44UB	-0.457	-0.445	-0.012
50	B40UB	-0.452	-0.440	-0.012
50	B37UB	-0.448	-0.436	-0.012
50	B32UB	-0.452	-0.440	-0.012
50	B26UB	-0.451	-0.440	-0.011
50	B39UB	-0.452	-0.442	-0.010
50	B35UB	-0.453	-0.440	-0.013
50	B80UB	-0.452	-0.440	-0.012
50	A178UB	-0.443	-0.429	-0.014
50	A173UB	-0.442	-0.433	-0.009
	Max	-0.437	-0.424	0.001
	Average	-0.446	-0.438	-0.008
	Min	-0.458	-0.456	-0.015
	Std Dev	0.005	0.007	0.005



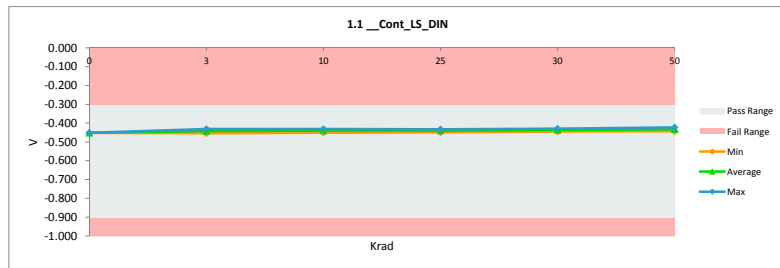
		1.0_Cont_LS_SCLK					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.455	-0.455	-0.456	-0.450	-0.447	-0.445	
Average	-0.455	-0.445	-0.442	-0.441	-0.437	-0.434	
Max	-0.455	-0.435	-0.433	-0.434	-0.431	-0.424	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	



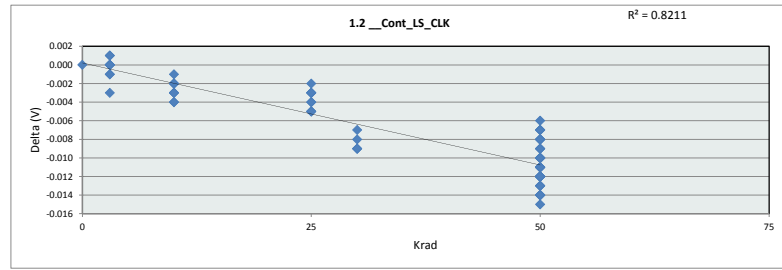
		1.1 _Cont_LS_DIN		
Test Site	CLAB	CLAB	CLAB	
Tester	Eagle3	Eagle3	Eagle3	
Test Number	EF651300	EF651300	EF651300	
Unit	V	V	V	
Max Limit	-0.3	-0.3	-0.3	
Min Limit	-0.9	-0.9	-0.9	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.452	-0.452	0.000
3	B48B	-0.443	-0.444	0.001
3	B51B	-0.453	-0.452	-0.001
3	C60B	-0.435	-0.431	-0.004
3	A162B	-0.443	-0.443	0.000
3	A165B	-0.436	-0.438	0.002
3	A155UB	-0.440	-0.439	-0.001
3	A154UB	-0.442	-0.441	-0.001
3	66UB	-0.446	-0.446	0.000
3	69UB	-0.454	-0.454	0.000
3	C72UB	-0.441	-0.440	-0.001
10	B54B	-0.449	-0.446	-0.003
10	B56B	-0.453	-0.451	-0.002
10	C61B	-0.442	-0.438	-0.004
10	C62B	-0.435	-0.431	-0.004
10	A160B	-0.437	-0.435	-0.002
10	B70UB	-0.442	-0.440	-0.002
10	B72UB	-0.447	-0.445	-0.002
10	C73UB	-0.440	-0.437	-0.003
10	A145UB	-0.441	-0.438	-0.003
10	A153UB	-0.442	-0.440	-0.002
25	A158B	-0.438	-0.433	-0.005
25	B59B	-0.452	-0.449	-0.003
25	B63B	-0.446	-0.442	-0.004
25	C64B	-0.438	-0.433	-0.005
25	C68B	-0.444	-0.438	-0.006
25	A152UB	-0.443	-0.439	-0.004
25	A150UB	-0.444	-0.441	-0.003
25	B11UB	-0.448	-0.445	-0.003
25	B4UB	-0.447	-0.444	-0.003
25	C74UB	-0.444	-0.438	-0.006
30	AA158B	-0.438	-0.430	-0.008
30	BB59B	-0.452	-0.445	-0.007
30	BB63B	-0.446	-0.440	-0.006
30	CC64B	-0.438	-0.430	-0.008
30	CC68B	-0.444	-0.436	-0.008
50	C32B	-0.436	-0.423	-0.013
50	C33B	-0.443	-0.431	-0.012
50	C34B	-0.443	-0.431	-0.012
50	C39B	-0.443	-0.431	-0.012
50	C78B	-0.441	-0.429	-0.012
50	C79B	-0.442	-0.430	-0.012
50	C80B	-0.437	-0.424	-0.013
50	B14B	-0.447	-0.436	-0.011
50	B15B	-0.445	-0.435	-0.010
50	B18B	-0.444	-0.433	-0.011
50	B10B	-0.450	-0.439	-0.011
50	B11B	-0.445	-0.434	-0.011
50	B13B	-0.450	-0.440	-0.010
50	B17B	-0.447	-0.435	-0.012
50	B185B	-0.444	-0.429	-0.015
50	A186B	-0.444	-0.434	-0.010
50	A180B	-0.444	-0.431	-0.013
50	A148B	-0.437	-0.428	-0.009
50	A183B	-0.443	-0.432	-0.011
50	A184B	-0.437	-0.427	-0.010
50	A146B	-0.439	-0.428	-0.011
50	A182B	-0.445	-0.434	-0.011
50	A179UB	-0.436	-0.429	-0.007
50	A176UB	-0.439	-0.428	-0.011
50	A174UB	-0.444	-0.436	-0.008
50	A172UB	-0.439	-0.431	-0.008
50	A171UB	-0.441	-0.433	-0.008
50	C41UB	-0.441	-0.433	-0.008
50	C42UB	-0.439	-0.433	-0.006
50	C43UB	-0.436	-0.427	-0.009
50	C44UB	-0.435	-0.428	-0.007
50	C46UB	-0.440	-0.431	-0.009
50	C49UB	-0.444	-0.435	-0.009
50	C50UB	-0.442	-0.433	-0.009
50	B44UB	-0.453	-0.443	-0.010
50	B40UB	-0.450	-0.440	-0.010
50	B37UB	-0.447	-0.436	-0.011
50	B32UB	-0.449	-0.440	-0.009
50	B26UB	-0.448	-0.438	-0.010
50	B39UB	-0.449	-0.441	-0.008
50	B35UB	-0.449	-0.439	-0.010
50	B80UB	-0.450	-0.439	-0.011
50	A178UB	-0.440	-0.427	-0.013
50	A173UB	-0.439	-0.432	-0.007
	Max	-0.435	-0.423	0.002
	Average	-0.443	-0.436	-0.007
	Min	-0.454	-0.454	-0.015
	Std Dev	0.005	0.007	0.004



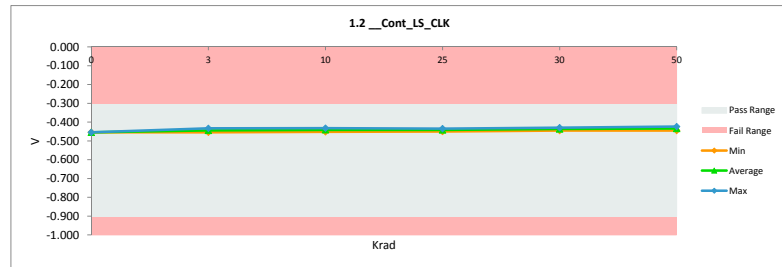
		1.1 _Cont_LS_DIN					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.452	-0.454	-0.451	-0.449	-0.445	-0.443	
Average	-0.452	-0.443	-0.440	-0.440	-0.436	-0.433	
Max	-0.452	-0.431	-0.431	-0.433	-0.430	-0.423	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	



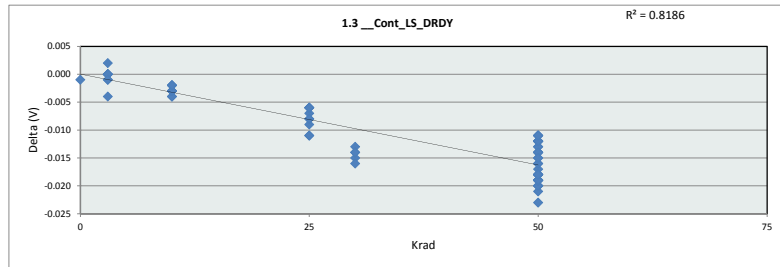
		1.2 __Cont_LS_CLK		
Test Site	CLAB	CLAB	CLAB	
Tester	Eagle3	Eagle3	Eagle3	
Test Number	EF651300	EF651300	EF651300	
Unit	V	V	V	
Max Limit	-0.3	-0.3	-0.3	
Min Limit	-0.9	-0.9	-0.9	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.454	-0.454	0.000
3	B48B	-0.445	-0.446	0.001
3	B51B	-0.454	-0.454	0.000
3	C60B	-0.436	-0.433	-0.003
3	A162B	-0.444	-0.444	0.000
3	A165B	-0.436	-0.437	0.001
3	A155UB	-0.440	-0.440	0.000
3	A154UB	-0.445	-0.444	-0.001
3	66UB	-0.446	-0.446	0.000
3	69UB	-0.453	-0.453	0.000
3	C72UB	-0.442	-0.441	-0.001
10	B54B	-0.453	-0.449	-0.004
10	B56B	-0.454	-0.452	-0.002
10	C61B	-0.442	-0.439	-0.003
10	C62B	-0.436	-0.432	-0.004
10	A160B	-0.438	-0.435	-0.003
10	B70UB	-0.443	-0.441	-0.002
10	B72UB	-0.447	-0.446	-0.001
10	C73UB	-0.441	-0.438	-0.003
10	A145UB	-0.441	-0.439	-0.002
10	A153UB	-0.442	-0.440	-0.002
25	A158B	-0.440	-0.435	-0.005
25	B59B	-0.453	-0.450	-0.003
25	B63B	-0.446	-0.443	-0.003
25	C64B	-0.439	-0.435	-0.004
25	C68B	-0.445	-0.440	-0.005
25	A152UB	-0.443	-0.439	-0.004
25	A150UB	-0.444	-0.441	-0.003
25	B1UB	-0.446	-0.443	-0.003
25	B4UB	-0.449	-0.447	-0.002
25	C74UB	-0.445	-0.440	-0.005
30	AA158B	-0.440	-0.431	-0.009
30	BB59B	-0.453	-0.445	-0.008
30	BB63B	-0.446	-0.439	-0.007
30	CC64B	-0.439	-0.430	-0.009
30	CC68B	-0.445	-0.436	-0.009
50	C32B	-0.437	-0.424	-0.013
50	C33B	-0.444	-0.431	-0.013
50	C34B	-0.444	-0.432	-0.012
50	C39B	-0.445	-0.431	-0.014
50	C78B	-0.442	-0.428	-0.014
50	C79B	-0.444	-0.431	-0.013
50	C80B	-0.438	-0.424	-0.014
50	B14B	-0.451	-0.439	-0.012
50	B15B	-0.447	-0.436	-0.011
50	B18B	-0.444	-0.432	-0.012
50	B10B	-0.454	-0.442	-0.012
50	B11B	-0.446	-0.435	-0.011
50	B13B	-0.451	-0.439	-0.012
50	B17B	-0.449	-0.437	-0.012
50	B185B	-0.444	-0.429	-0.015
50	A186B	-0.442	-0.432	-0.010
50	A180B	-0.445	-0.431	-0.014
50	A148B	-0.438	-0.428	-0.010
50	A183B	-0.442	-0.430	-0.012
50	A184B	-0.439	-0.427	-0.012
50	A146B	-0.441	-0.429	-0.012
50	A182B	-0.447	-0.435	-0.012
50	A179UB	-0.437	-0.430	-0.007
50	A176UB	-0.440	-0.430	-0.010
50	A174UB	-0.446	-0.438	-0.008
50	A172UB	-0.440	-0.432	-0.008
50	A171UB	-0.443	-0.435	-0.008
50	C41UB	-0.442	-0.433	-0.009
50	C42UB	-0.441	-0.435	-0.006
50	C43UB	-0.438	-0.430	-0.008
50	C44UB	-0.437	-0.430	-0.007
50	C46UB	-0.443	-0.434	-0.009
50	C49UB	-0.445	-0.437	-0.008
50	C50UB	-0.445	-0.435	-0.010
50	B44UB	-0.455	-0.445	-0.010
50	B40UB	-0.450	-0.439	-0.011
50	B37UB	-0.447	-0.437	-0.010
50	B32UB	-0.450	-0.440	-0.010
50	B26UB	-0.448	-0.437	-0.011
50	B39UB	-0.451	-0.442	-0.009
50	B35UB	-0.451	-0.440	-0.011
50	B80UB	-0.453	-0.442	-0.011
50	A178UB	-0.441	-0.427	-0.014
50	A173UB	-0.440	-0.433	-0.007
	Max	-0.436	-0.424	0.001
	Average	-0.445	-0.437	-0.007
	Min	-0.455	-0.454	-0.015
	Std Dev	0.005	0.007	0.005



		1.2 __Cont_LS_CLK					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.454	-0.454	-0.452	-0.450	-0.445	-0.445	
Average	-0.454	-0.444	-0.441	-0.441	-0.436	-0.434	
Max	-0.454	-0.433	-0.432	-0.435	-0.430	-0.424	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	

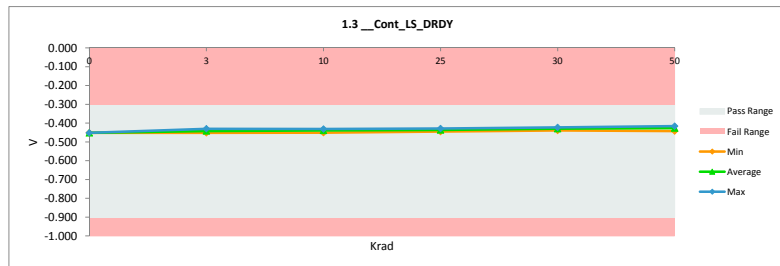


		1.3 __Cont_LS_DRDY		
Test Site	CLAB	CLAB	CLAB	
Tester	Eagle3	Eagle3	Eagle3	
Test Number	EF651300	EF651300	EF651300	
Unit	V	V	V	
Max Limit	-0.3	-0.3	-0.3	
Min Limit	-0.9	-0.9	-0.9	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.453	-0.452	-0.001
3	B48B	-0.444	-0.443	-0.001
3	B51B	-0.452	-0.452	0.000
3	C60B	-0.434	-0.430	-0.004
3	A162B	-0.442	-0.442	0.000
3	A165B	-0.435	-0.437	0.002
3	A155UB	-0.438	-0.438	0.000
3	A154UB	-0.442	-0.442	0.000
3	66UB	-0.446	-0.446	0.000
3	69UB	-0.450	-0.450	0.000
3	C72UB	-0.440	-0.439	-0.001
10	B54B	-0.452	-0.448	-0.004
10	B56B	-0.453	-0.451	-0.002
10	C61B	-0.441	-0.438	-0.003
10	C62B	-0.435	-0.431	-0.004
10	A160B	-0.435	-0.432	-0.003
10	B70UB	-0.440	-0.438	-0.002
10	B72UB	-0.444	-0.442	-0.002
10	C73UB	-0.439	-0.436	-0.003
10	A145UB	-0.438	-0.435	-0.003
10	A153UB	-0.442	-0.440	-0.002
25	A158B	-0.438	-0.429	-0.009
25	B59B	-0.452	-0.445	-0.007
25	B63B	-0.447	-0.439	-0.008
25	C64B	-0.440	-0.429	-0.011
25	C68B	-0.443	-0.432	-0.011
25	A152UB	-0.442	-0.436	-0.006
25	A150UB	-0.444	-0.438	-0.006
25	B1UB	-0.446	-0.440	-0.006
25	B4UB	-0.448	-0.442	-0.006
25	C74UB	-0.445	-0.437	-0.008
30	AA158B	-0.438	-0.423	-0.015
30	BB59B	-0.452	-0.439	-0.013
30	BB63B	-0.447	-0.433	-0.014
30	CC64B	-0.440	-0.424	-0.016
30	CC68B	-0.443	-0.429	-0.014
50	C32B	-0.435	-0.416	-0.019
50	C33B	-0.442	-0.422	-0.020
50	C34B	-0.441	-0.422	-0.019
50	C39B	-0.442	-0.425	-0.017
50	C78B	-0.440	-0.420	-0.020
50	C79B	-0.442	-0.422	-0.020
50	C80B	-0.437	-0.416	-0.021
50	B14B	-0.445	-0.427	-0.018
50	B15B	-0.446	-0.428	-0.018
50	B18B	-0.445	-0.426	-0.019
50	B10B	-0.452	-0.433	-0.019
50	B11B	-0.448	-0.428	-0.020
50	B13B	-0.449	-0.430	-0.019
50	B17B	-0.445	-0.426	-0.019
50	B185B	-0.445	-0.422	-0.023
50	A186B	-0.442	-0.424	-0.018
50	A180B	-0.438	-0.419	-0.019
50	A148B	-0.435	-0.419	-0.016
50	A183B	-0.440	-0.422	-0.018
50	A184B	-0.436	-0.418	-0.018
50	A146B	-0.439	-0.420	-0.019
50	A182B	-0.441	-0.423	-0.018
50	A179UB	-0.436	-0.424	-0.012
50	A176UB	-0.437	-0.423	-0.014
50	A174UB	-0.444	-0.433	-0.011
50	A172UB	-0.435	-0.424	-0.011
50	A171UB	-0.440	-0.428	-0.012
50	C41UB	-0.441	-0.429	-0.012
50	C42UB	-0.439	-0.428	-0.011
50	C43UB	-0.435	-0.423	-0.012
50	C44UB	-0.435	-0.423	-0.012
50	C46UB	-0.442	-0.429	-0.013
50	C49UB	-0.444	-0.432	-0.012
50	C50UB	-0.442	-0.428	-0.014
50	B44UB	-0.456	-0.442	-0.014
50	B40UB	-0.449	-0.435	-0.014
50	B37UB	-0.447	-0.432	-0.015
50	B32UB	-0.450	-0.437	-0.013
50	B26UB	-0.449	-0.433	-0.016
50	B39UB	-0.447	-0.435	-0.012
50	B35UB	-0.448	-0.434	-0.014
50	B80UB	-0.452	-0.437	-0.015
50	A178UB	-0.439	-0.421	-0.018
50	A173UB	-0.437	-0.426	-0.011
	Max	-0.434	-0.416	0.002
	Average	-0.443	-0.432	-0.011
	Min	-0.456	-0.452	-0.023
	Std Dev	0.005	0.009	0.007

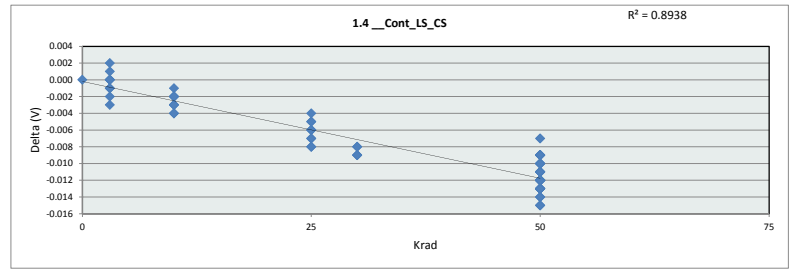


		1.3 __Cont_LS_DRDY	
Test Site	CLAB	CLAB	
Tester	Eagle3	Eagle3	
Test Number	EF651300	EF651300	
Max Limit	-0.3	V	
Min Limit	-0.9	V	

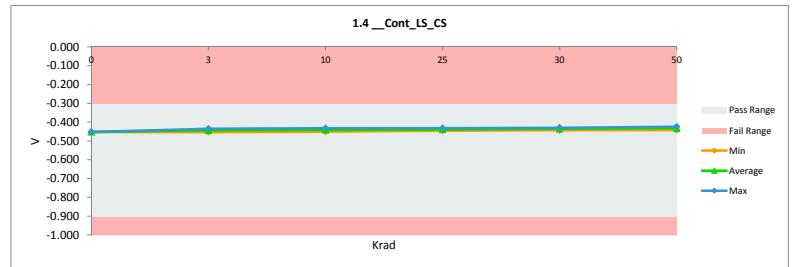
Krad	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.452	-0.452	-0.451	-0.445	-0.439	-0.442
Average	-0.452	-0.442	-0.439	-0.437	-0.430	-0.426
Max	-0.452	-0.430	-0.431	-0.429	-0.423	-0.416
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300



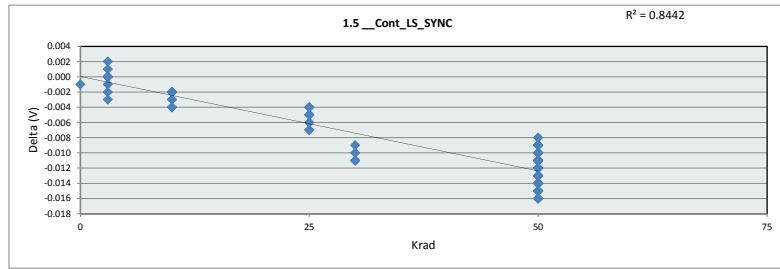
		1.4 _Cont_LS_CS		
Test Site	CLAB	CLAB	CLAB	
Tester	Eagle3	Eagle3	Eagle3	
Test Number	EF651300	EF651300	EF651300	
Unit	V	V	V	
Max Limit	-0.3	-0.3	-0.3	
Min Limit	-0.9	-0.9	-0.9	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.452	-0.452	0.000
3	B48B	-0.443	-0.444	0.001
3	B51B	-0.453	-0.453	0.000
3	C60B	-0.438	-0.435	-0.003
3	A162B	-0.444	-0.443	-0.001
3	A165B	-0.436	-0.438	0.002
3	A155UB	-0.441	-0.440	-0.001
3	A154UB	-0.443	-0.443	0.000
3	66UB	-0.447	-0.447	0.000
3	69UB	-0.449	-0.449	0.000
3	C72UB	-0.442	-0.440	-0.002
10	B54B	-0.451	-0.448	-0.003
10	B56B	-0.454	-0.451	-0.003
10	C61B	-0.442	-0.439	-0.003
10	C62B	-0.436	-0.432	-0.004
10	A160B	-0.437	-0.435	-0.002
10	B70UB	-0.443	-0.442	-0.001
10	B72UB	-0.446	-0.444	-0.002
10	C73UB	-0.443	-0.439	-0.004
10	A145UB	-0.441	-0.439	-0.002
10	A153UB	-0.444	-0.442	-0.002
25	A158B	-0.440	-0.433	-0.007
25	B59B	-0.451	-0.446	-0.005
25	B63B	-0.446	-0.440	-0.006
25	C64B	-0.439	-0.432	-0.007
25	C68B	-0.444	-0.436	-0.008
25	A152UB	-0.444	-0.438	-0.006
25	A150UB	-0.443	-0.437	-0.006
25	B1UB	-0.446	-0.442	-0.004
25	B4UB	-0.448	-0.443	-0.005
25	C74UB	-0.445	-0.437	-0.008
30	AA158B	-0.440	-0.431	-0.009
30	BB59B	-0.451	-0.443	-0.008
30	BB63B	-0.446	-0.438	-0.008
30	CC64B	-0.439	-0.430	-0.009
30	CC68B	-0.444	-0.435	-0.009
50	C32B	-0.437	-0.424	-0.013
50	C33B	-0.443	-0.430	-0.013
50	C34B	-0.442	-0.429	-0.013
50	C39B	-0.445	-0.432	-0.013
50	C78B	-0.443	-0.429	-0.014
50	C79B	-0.445	-0.432	-0.013
50	C80B	-0.438	-0.424	-0.014
50	B14B	-0.446	-0.435	-0.011
50	B15B	-0.449	-0.437	-0.012
50	B18B	-0.443	-0.432	-0.011
50	B10B	-0.452	-0.440	-0.012
50	B11B	-0.445	-0.433	-0.012
50	B13B	-0.452	-0.440	-0.012
50	B17B	-0.446	-0.433	-0.013
50	B185B	-0.443	-0.428	-0.015
50	A186B	-0.444	-0.433	-0.011
50	A180B	-0.443	-0.430	-0.013
50	A148B	-0.438	-0.428	-0.010
50	A183B	-0.442	-0.430	-0.012
50	A184B	-0.439	-0.427	-0.012
50	A146B	-0.439	-0.427	-0.012
50	A182B	-0.445	-0.433	-0.012
50	A179UB	-0.439	-0.430	-0.009
50	A176UB	-0.439	-0.427	-0.012
50	A174UB	-0.445	-0.436	-0.009
50	A172UB	-0.442	-0.432	-0.010
50	A171UB	-0.442	-0.433	-0.009
50	C41UB	-0.441	-0.431	-0.010
50	C42UB	-0.441	-0.434	-0.007
50	C43UB	-0.437	-0.426	-0.011
50	C44UB	-0.436	-0.427	-0.009
50	C46UB	-0.442	-0.430	-0.012
50	C49UB	-0.445	-0.434	-0.011
50	C50UB	-0.443	-0.433	-0.010
50	B44UB	-0.455	-0.442	-0.013
50	B40UB	-0.451	-0.439	-0.012
50	B37UB	-0.446	-0.434	-0.012
50	B32UB	-0.449	-0.437	-0.012
50	B26UB	-0.449	-0.436	-0.013
50	B39UB	-0.451	-0.441	-0.010
50	B35UB	-0.448	-0.436	-0.012
50	B80UB	-0.450	-0.438	-0.012
50	A178UB	-0.442	-0.427	-0.015
50	A173UB	-0.441	-0.432	-0.009
	Max	-0.436	-0.424	0.002
	Average	-0.444	-0.436	-0.008
	Min	-0.455	-0.453	-0.015
	Std Dev	0.005	0.007	0.005



		1.4 _Cont_LS_CS					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.452	-0.453	-0.451	-0.446	-0.443	-0.442	
Average	-0.452	-0.443	-0.441	-0.438	-0.435	-0.432	
Max	-0.452	-0.435	-0.432	-0.432	-0.430	-0.424	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	

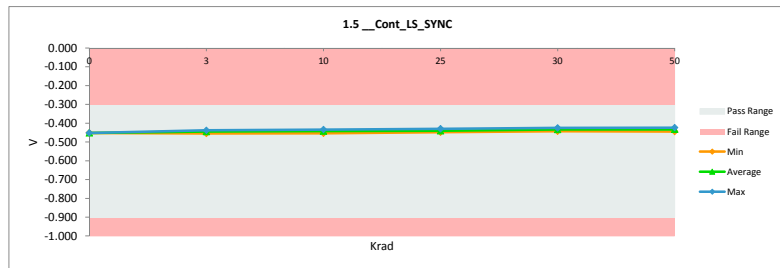


		1.5_Cont_LS_SYNC		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.453	-0.452	-0.001
3	B48B	-0.443	-0.443	0.000
3	B51B	-0.455	-0.455	0.000
3	C60B	-0.442	-0.439	-0.003
3	A162B	-0.445	-0.445	0.000
3	A165B	-0.437	-0.439	0.002
3	A155UB	-0.438	-0.438	0.000
3	A154UB	-0.445	-0.444	-0.001
3	66UB	-0.449	-0.449	0.000
3	69UB	-0.454	-0.455	0.001
3	C72UB	-0.442	-0.440	-0.002
10	B54B	-0.451	-0.448	-0.003
10	B56B	-0.456	-0.454	-0.002
10	C61B	-0.441	-0.437	-0.004
10	C62B	-0.443	-0.439	-0.004
10	A160B	-0.436	-0.434	-0.002
10	B70UB	-0.449	-0.447	-0.002
10	B72UB	-0.448	-0.446	-0.002
10	C73UB	-0.443	-0.440	-0.003
10	A145UB	-0.440	-0.438	-0.002
10	A153UB	-0.443	-0.441	-0.002
25	A158B	-0.440	-0.434	-0.006
25	B59B	-0.453	-0.448	-0.005
25	B63B	-0.448	-0.443	-0.005
25	C64B	-0.436	-0.430	-0.006
25	C68B	-0.444	-0.437	-0.007
25	A152UB	-0.444	-0.440	-0.004
25	A150UB	-0.449	-0.444	-0.005
25	B1UB	-0.448	-0.444	-0.004
25	B4UB	-0.450	-0.446	-0.004
25	C74UB	-0.445	-0.438	-0.007
30	AA156B	-0.440	-0.429	-0.011
30	BB59B	-0.453	-0.443	-0.010
30	BB63B	-0.448	-0.439	-0.009
30	CC64B	-0.436	-0.425	-0.011
30	CC68B	-0.444	-0.433	-0.011
50	C32B	-0.442	-0.427	-0.015
50	C33B	-0.443	-0.428	-0.015
50	C34B	-0.444	-0.429	-0.015
50	C39B	-0.447	-0.431	-0.016
50	C78B	-0.443	-0.427	-0.016
50	C79B	-0.445	-0.430	-0.015
50	C80B	-0.444	-0.428	-0.016
50	B14B	-0.450	-0.436	-0.014
50	B15B	-0.452	-0.439	-0.013
50	B18B	-0.441	-0.427	-0.014
50	B10B	-0.452	-0.439	-0.013
50	B11B	-0.451	-0.438	-0.013
50	B13B	-0.451	-0.437	-0.014
50	B17B	-0.453	-0.439	-0.014
50	B185B	-0.441	-0.429	-0.012
50	A186B	-0.445	-0.433	-0.012
50	A180B	-0.448	-0.433	-0.015
50	A148B	-0.437	-0.425	-0.012
50	A183B	-0.443	-0.429	-0.014
50	A184B	-0.445	-0.431	-0.014
50	A146B	-0.445	-0.431	-0.014
50	A182B	-0.447	-0.433	-0.014
50	A179UB	-0.444	-0.435	-0.009
50	A176UB	-0.438	-0.427	-0.011
50	A174UB	-0.445	-0.436	-0.009
50	A172UB	-0.440	-0.430	-0.010
50	A171UB	-0.441	-0.432	-0.009
50	C41UB	-0.443	-0.433	-0.010
50	C42UB	-0.441	-0.433	-0.008
50	C43UB	-0.442	-0.432	-0.010
50	C44UB	-0.433	-0.424	-0.009
50	C46UB	-0.444	-0.433	-0.011
50	C49UB	-0.443	-0.434	-0.009
50	C50UB	-0.444	-0.434	-0.010
50	B44UB	-0.454	-0.442	-0.012
50	B40UB	-0.456	-0.445	-0.011
50	B37UB	-0.451	-0.438	-0.013
50	B32UB	-0.452	-0.441	-0.011
50	B26UB	-0.451	-0.439	-0.012
50	B39UB	-0.453	-0.443	-0.010
50	B35UB	-0.451	-0.440	-0.011
50	B80UB	-0.453	-0.442	-0.011
50	A178UB	-0.440	-0.425	-0.015
50	A173UB	-0.440	-0.431	-0.009
	Max	-0.433	-0.424	0.002
	Average	-0.445	-0.437	-0.008
	Min	-0.456	-0.455	-0.016
	Std Dev	0.005	0.007	0.005

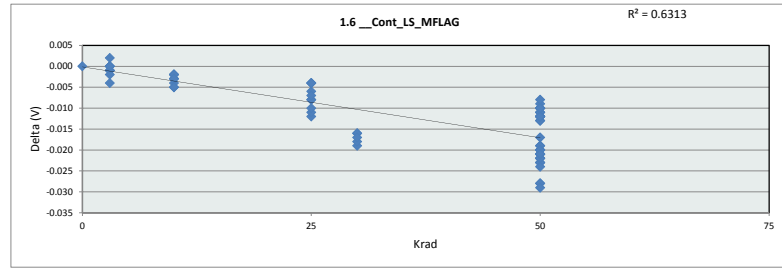


		1.5_Cont_LS_SYNC	
Test Site	CLAB		
Tester	Eagle3		
Test Number	EF651300		
Max Limit	-0.3	V	
Min Limit	-0.9	V	

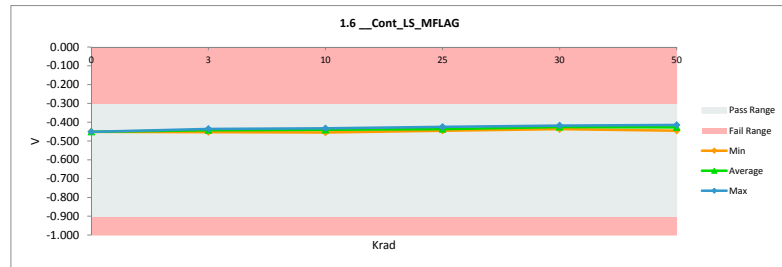
Krad	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.452	-0.455	-0.454	-0.448	-0.443	-0.445
Average	-0.452	-0.445	-0.442	-0.440	-0.434	-0.433
Max	-0.452	-0.438	-0.434	-0.430	-0.425	-0.424
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300



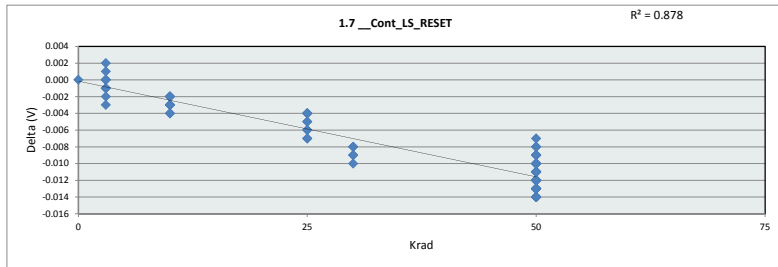
		1.6 __Cont_LS_MFLAG		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.451	-0.451	0.000
3	B48B	-0.442	-0.441	-0.001
3	B51B	-0.453	-0.453	0.000
3	C60B	-0.441	-0.437	-0.004
3	A162B	-0.443	-0.443	0.000
3	A165B	-0.434	-0.436	0.002
3	A155UB	-0.439	-0.438	-0.001
3	A154UB	-0.442	-0.441	-0.001
3	66UB	-0.447	-0.447	0.000
3	69UB	-0.452	-0.452	0.000
3	C72UB	-0.440	-0.438	-0.002
10	B54B	-0.451	-0.447	-0.004
10	B56B	-0.457	-0.455	-0.002
10	C61B	-0.438	-0.435	-0.003
10	C62B	-0.440	-0.435	-0.005
10	A160B	-0.436	-0.433	-0.003
10	B70UB	-0.448	-0.446	-0.002
10	B72UB	-0.445	-0.443	-0.002
10	C73UB	-0.440	-0.435	-0.005
10	A145UB	-0.438	-0.436	-0.002
10	A153UB	-0.442	-0.439	-0.003
25	A158B	-0.438	-0.426	-0.012
25	B59B	-0.453	-0.445	-0.008
25	B63B	-0.446	-0.438	-0.008
25	C64B	-0.436	-0.425	-0.011
25	C68B	-0.442	-0.432	-0.010
25	A152UB	-0.442	-0.436	-0.006
25	A150UB	-0.447	-0.443	-0.004
25	B1UB	-0.445	-0.441	-0.004
25	B4UB	-0.448	-0.444	-0.004
25	C74UB	-0.442	-0.435	-0.007
30	AA158B	-0.438	-0.419	-0.019
30	BB59B	-0.453	-0.437	-0.016
30	BB63B	-0.446	-0.430	-0.016
30	CC64B	-0.436	-0.418	-0.018
30	CC68B	-0.442	-0.425	-0.017
50	C32B	-0.440	-0.419	-0.021
50	C33B	-0.442	-0.420	-0.022
50	C34B	-0.442	-0.420	-0.022
50	C39B	-0.445	-0.422	-0.023
50	C78B	-0.442	-0.420	-0.022
50	C79B	-0.443	-0.420	-0.023
50	C80B	-0.443	-0.420	-0.023
50	B14B	-0.449	-0.429	-0.020
50	B15B	-0.453	-0.425	-0.028
50	B18B	-0.441	-0.422	-0.019
50	B10B	-0.450	-0.429	-0.021
50	B11B	-0.449	-0.421	-0.028
50	B13B	-0.450	-0.429	-0.021
50	B17B	-0.452	-0.423	-0.029
50	B185B	-0.441	-0.419	-0.022
50	A186B	-0.444	-0.423	-0.021
50	A180B	-0.445	-0.421	-0.024
50	A148B	-0.435	-0.415	-0.020
50	A183B	-0.441	-0.421	-0.020
50	A184B	-0.441	-0.422	-0.019
50	A146B	-0.444	-0.424	-0.020
50	A182B	-0.444	-0.423	-0.021
50	A179UB	-0.441	-0.432	-0.009
50	A176UB	-0.437	-0.424	-0.013
50	A174UB	-0.444	-0.434	-0.010
50	A172UB	-0.438	-0.427	-0.011
50	A171UB	-0.439	-0.429	-0.010
50	C41UB	-0.442	-0.431	-0.011
50	C42UB	-0.438	-0.430	-0.008
50	C43UB	-0.441	-0.430	-0.011
50	C44UB	-0.432	-0.422	-0.010
50	C46UB	-0.442	-0.430	-0.012
50	C49UB	-0.442	-0.432	-0.010
50	C50UB	-0.441	-0.429	-0.012
50	B44UB	-0.454	-0.442	-0.012
50	B40UB	-0.457	-0.445	-0.012
50	B37UB	-0.448	-0.436	-0.012
50	B32UB	-0.448	-0.435	-0.013
50	B26UB	-0.449	-0.437	-0.012
50	B39UB	-0.450	-0.440	-0.010
50	B35UB	-0.451	-0.439	-0.012
50	B80UB	-0.452	-0.440	-0.012
50	A178UB	-0.437	-0.420	-0.017
50	A173UB	-0.440	-0.430	-0.010
	Max	-0.432	-0.415	0.002
	Average	-0.444	-0.432	-0.012
	Min	-0.457	-0.455	-0.029
	Std Dev	0.006	0.010	0.008



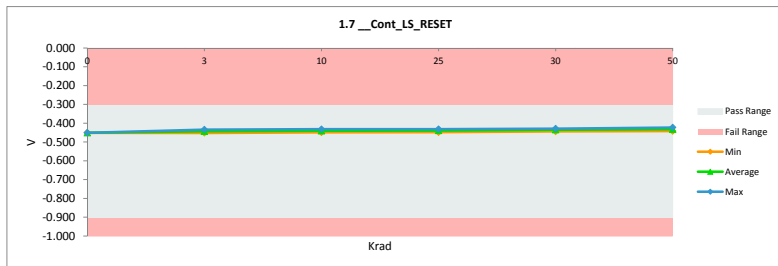
		1.6 __Cont_LS_MFLAG					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.451	-0.453	-0.455	-0.445	-0.437	-0.445	
Average	-0.451	-0.443	-0.440	-0.437	-0.426	-0.427	
Max	-0.451	-0.436	-0.433	-0.425	-0.418	-0.415	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	



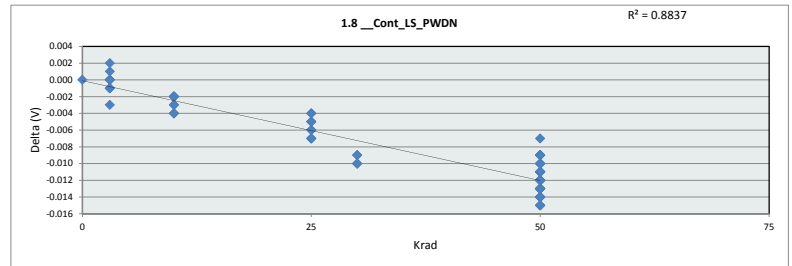
		1.7 __Cont_LS_RESET		
Test Site	CLAB	CLAB	CLAB	
Tester	Eagle3	Eagle3	Eagle3	
Test Number	EF651300	EF651300	EF651300	
Unit	V	V	V	
Max Limit	-0.3	-0.3	-0.3	
Min Limit	-0.9	-0.9	-0.9	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.451	-0.451	0.000
3	B48B	-0.442	-0.443	0.001
3	B51B	-0.449	-0.449	0.000
3	C60B	-0.437	-0.434	-0.003
3	A162B	-0.445	-0.444	-0.001
3	A165B	-0.438	-0.440	0.002
3	A155UB	-0.439	-0.438	-0.001
3	A154UB	-0.444	-0.443	-0.001
3	66UB	-0.447	-0.447	0.000
3	69UB	-0.452	-0.452	0.000
3	C72UB	-0.442	-0.440	-0.002
10	B54B	-0.450	-0.447	-0.003
10	B56B	-0.451	-0.449	-0.002
10	C61B	-0.443	-0.439	-0.004
10	C62B	-0.436	-0.432	-0.004
10	A160B	-0.438	-0.435	-0.003
10	B70UB	-0.443	-0.440	-0.003
10	B72UB	-0.446	-0.444	-0.002
10	C73UB	-0.443	-0.440	-0.003
10	A145UB	-0.440	-0.438	-0.002
10	A153UB	-0.442	-0.440	-0.002
25	A158B	-0.440	-0.434	-0.006
25	B59B	-0.452	-0.448	-0.004
25	B63B	-0.446	-0.441	-0.005
25	C64B	-0.438	-0.432	-0.006
25	C68B	-0.443	-0.436	-0.007
25	A152UB	-0.444	-0.439	-0.005
25	A150UB	-0.442	-0.438	-0.004
25	B11UB	-0.446	-0.442	-0.004
25	B4UB	-0.447	-0.443	-0.004
25	C74UB	-0.447	-0.440	-0.007
30	AA158B	-0.440	-0.431	-0.009
30	BB59B	-0.452	-0.444	-0.008
30	BB63B	-0.446	-0.438	-0.008
30	CC64B	-0.438	-0.429	-0.009
30	CC68B	-0.443	-0.433	-0.010
50	C32B	-0.438	-0.424	-0.014
50	C33B	-0.443	-0.430	-0.013
50	C34B	-0.444	-0.431	-0.013
50	C39B	-0.445	-0.431	-0.014
50	C78B	-0.441	-0.427	-0.014
50	C79B	-0.444	-0.430	-0.014
50	C80B	-0.439	-0.425	-0.014
50	B14B	-0.448	-0.436	-0.012
50	B15B	-0.445	-0.433	-0.012
50	B18B	-0.442	-0.429	-0.013
50	B10B	-0.449	-0.437	-0.012
50	B11B	-0.445	-0.433	-0.012
50	B13B	-0.448	-0.436	-0.012
50	B17B	-0.445	-0.432	-0.013
50	B185B	-0.442	-0.430	-0.012
50	A186B	-0.443	-0.432	-0.011
50	A180B	-0.444	-0.430	-0.014
50	A148B	-0.437	-0.426	-0.011
50	A183B	-0.445	-0.432	-0.013
50	A184B	-0.436	-0.423	-0.013
50	A146B	-0.440	-0.427	-0.013
50	A182B	-0.444	-0.432	-0.012
50	A179UB	-0.439	-0.431	-0.008
50	A176UB	-0.440	-0.429	-0.011
50	A174UB	-0.445	-0.436	-0.009
50	A172UB	-0.441	-0.432	-0.009
50	A171UB	-0.443	-0.433	-0.010
50	C41UB	-0.442	-0.432	-0.010
50	C42UB	-0.441	-0.434	-0.007
50	C43UB	-0.437	-0.427	-0.010
50	C44UB	-0.436	-0.427	-0.009
50	C46UB	-0.445	-0.435	-0.010
50	C49UB	-0.443	-0.434	-0.009
50	C50UB	-0.445	-0.434	-0.011
50	B44UB	-0.454	-0.442	-0.012
50	B40UB	-0.448	-0.437	-0.011
50	B37UB	-0.447	-0.436	-0.011
50	B32UB	-0.448	-0.437	-0.011
50	B26UB	-0.449	-0.437	-0.012
50	B39UB	-0.447	-0.437	-0.010
50	B35UB	-0.450	-0.438	-0.012
50	B80UB	-0.450	-0.438	-0.012
50	A178UB	-0.438	-0.424	-0.014
50	A173UB	-0.440	-0.432	-0.008
	Max	-0.436	-0.423	0.002
	Average	-0.444	-0.436	-0.008
	Min	-0.454	-0.452	-0.014
	Std Dev	0.004	0.007	0.005



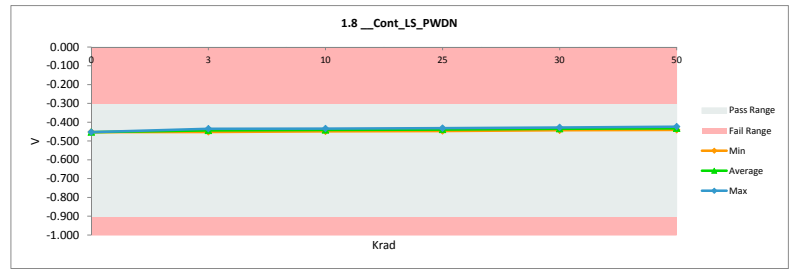
		1.7 __Cont_LS_RESET					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.451	-0.452	-0.449	-0.448	-0.444	-0.442	
Average	-0.451	-0.443	-0.440	-0.439	-0.435	-0.432	
Max	-0.451	-0.434	-0.432	-0.432	-0.429	-0.423	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	



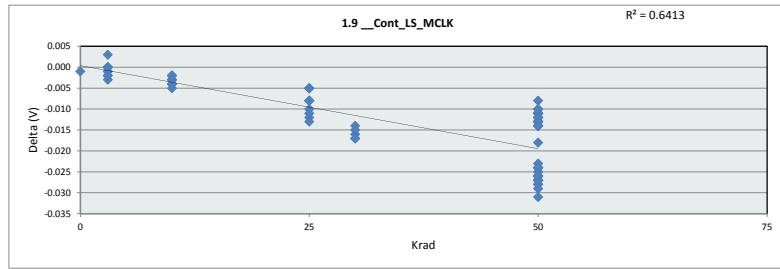
		1.8 __Cont_LS_PWDN		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.453	-0.453	0.000
3	B48B	-0.443	-0.444	0.001
3	B51B	-0.451	-0.451	0.000
3	C60B	-0.438	-0.435	-0.003
3	A162B	-0.444	-0.443	-0.001
3	A165B	-0.437	-0.439	0.002
3	A155UB	-0.441	-0.441	0.000
3	A154UB	-0.443	-0.442	-0.001
3	66UB	-0.448	-0.448	0.000
3	69UB	-0.452	-0.452	0.000
3	C72UB	-0.443	-0.442	-0.001
10	B54B	-0.451	-0.447	-0.004
10	B56B	-0.451	-0.449	-0.002
10	C61B	-0.442	-0.439	-0.003
10	C62B	-0.438	-0.434	-0.004
10	A160B	-0.440	-0.437	-0.003
10	B70UB	-0.443	-0.441	-0.002
10	B72UB	-0.447	-0.445	-0.002
10	C73UB	-0.444	-0.440	-0.004
10	A145UB	-0.442	-0.440	-0.002
10	A153UB	-0.443	-0.441	-0.002
25	A158B	-0.441	-0.434	-0.007
25	B59B	-0.452	-0.447	-0.005
25	B63B	-0.448	-0.442	-0.006
25	C64B	-0.438	-0.432	-0.006
25	C68B	-0.443	-0.436	-0.007
25	A152UB	-0.443	-0.438	-0.005
25	A150UB	-0.444	-0.440	-0.004
25	B1UB	-0.446	-0.441	-0.005
25	B4UB	-0.448	-0.444	-0.004
25	C74UB	-0.447	-0.440	-0.007
30	AA158B	-0.441	-0.431	-0.010
30	BB59B	-0.452	-0.443	-0.009
30	BB63B	-0.448	-0.439	-0.009
30	CC64B	-0.438	-0.428	-0.010
30	CC68B	-0.443	-0.433	-0.010
50	C32B	-0.438	-0.424	-0.014
50	C33B	-0.443	-0.430	-0.013
50	C34B	-0.445	-0.431	-0.014
50	C39B	-0.445	-0.431	-0.014
50	C78B	-0.442	-0.427	-0.015
50	C79B	-0.445	-0.431	-0.014
50	C80B	-0.441	-0.427	-0.014
50	B14B	-0.448	-0.436	-0.012
50	B15B	-0.447	-0.435	-0.012
50	B18B	-0.443	-0.430	-0.013
50	B10B	-0.451	-0.438	-0.013
50	B11B	-0.446	-0.434	-0.012
50	B13B	-0.448	-0.436	-0.012
50	B17B	-0.447	-0.434	-0.013
50	B185B	-0.443	-0.429	-0.014
50	A186B	-0.443	-0.432	-0.011
50	A180B	-0.444	-0.429	-0.015
50	A148B	-0.437	-0.426	-0.011
50	A183B	-0.443	-0.430	-0.013
50	A184B	-0.438	-0.425	-0.013
50	A146B	-0.441	-0.428	-0.013
50	A182B	-0.445	-0.432	-0.013
50	A179UB	-0.440	-0.431	-0.009
50	A176UB	-0.440	-0.429	-0.011
50	A174UB	-0.445	-0.436	-0.009
50	A172UB	-0.441	-0.431	-0.010
50	A171UB	-0.444	-0.434	-0.010
50	C41UB	-0.442	-0.431	-0.011
50	C42UB	-0.438	-0.431	-0.007
50	C43UB	-0.438	-0.427	-0.011
50	C44UB	-0.436	-0.427	-0.009
50	C46UB	-0.445	-0.434	-0.011
50	C49UB	-0.445	-0.435	-0.010
50	C50UB	-0.444	-0.433	-0.011
50	B44UB	-0.453	-0.441	-0.012
50	B40UB	-0.448	-0.436	-0.012
50	B37UB	-0.447	-0.435	-0.012
50	B32UB	-0.449	-0.437	-0.012
50	B26UB	-0.450	-0.438	-0.012
50	B39UB	-0.449	-0.439	-0.010
50	B35UB	-0.449	-0.438	-0.011
50	B80UB	-0.451	-0.439	-0.012
50	A178UB	-0.439	-0.424	-0.015
50	A173UB	-0.441	-0.432	-0.009
	Max	-0.436	-0.424	0.002
	Average	-0.444	-0.436	-0.008
	Min	-0.453	-0.453	-0.015
	Std Dev	0.004	0.007	0.005



		1.8 __Cont_LS_PWDN					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.453	-0.452	-0.449	-0.447	-0.443	-0.441	
Average	-0.453	-0.444	-0.441	-0.439	-0.435	-0.432	
Max	-0.453	-0.435	-0.434	-0.432	-0.428	-0.424	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	

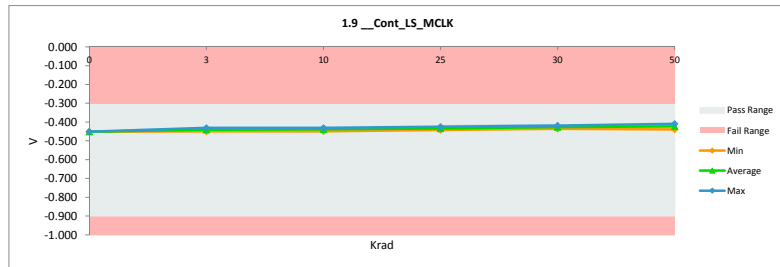


		1.9__Cont_LS_MCLK		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.452	-0.451	-0.001
3	B48B	-0.442	-0.441	-0.001
3	B51B	-0.451	-0.449	-0.002
3	C60B	-0.434	-0.431	-0.003
3	A162B	-0.441	-0.441	0.000
3	A165B	-0.434	-0.437	0.003
3	A155UB	-0.438	-0.437	-0.001
3	A154UB	-0.440	-0.440	0.000
3	66UB	-0.445	-0.445	0.000
3	69UB	-0.447	-0.447	0.000
3	C72UB	-0.441	-0.439	-0.002
10	B54B	-0.448	-0.444	-0.004
10	B56B	-0.451	-0.449	-0.002
10	C61B	-0.440	-0.436	-0.004
10	C62B	-0.436	-0.431	-0.005
10	A160B	-0.435	-0.432	-0.003
10	B70UB	-0.441	-0.439	-0.002
10	B72UB	-0.444	-0.442	-0.002
10	C73UB	-0.439	-0.435	-0.004
10	A145UB	-0.437	-0.434	-0.003
10	A153UB	-0.441	-0.438	-0.003
25	A158B	-0.437	-0.425	-0.012
25	B59B	-0.450	-0.442	-0.008
25	B63B	-0.445	-0.435	-0.010
25	C64B	-0.436	-0.425	-0.011
25	C68B	-0.442	-0.429	-0.013
25	A152UB	-0.443	-0.435	-0.008
25	A150UB	-0.442	-0.437	-0.005
25	B11UB	-0.444	-0.439	-0.005
25	B4UB	-0.445	-0.440	-0.005
25	C74UB	-0.441	-0.433	-0.008
30	AA158B	-0.437	-0.421	-0.016
30	BB59B	-0.450	-0.436	-0.014
30	BB63B	-0.445	-0.430	-0.015
30	CC64B	-0.436	-0.419	-0.017
30	CC68B	-0.442	-0.425	-0.017
50	C32B	-0.436	-0.411	-0.025
50	C33B	-0.442	-0.418	-0.024
50	C34B	-0.440	-0.416	-0.024
50	C39B	-0.444	-0.421	-0.023
50	C78B	-0.439	-0.412	-0.027
50	C79B	-0.441	-0.413	-0.028
50	C80B	-0.436	-0.409	-0.027
50	B14B	-0.447	-0.423	-0.024
50	B15B	-0.447	-0.420	-0.027
50	B18B	-0.443	-0.416	-0.027
50	B10B	-0.449	-0.423	-0.026
50	B11B	-0.444	-0.418	-0.026
50	B13B	-0.448	-0.422	-0.026
50	B17B	-0.443	-0.415	-0.028
50	B185B	-0.443	-0.412	-0.031
50	A186B	-0.442	-0.416	-0.026
50	A180B	-0.444	-0.415	-0.029
50	A148B	-0.436	-0.412	-0.024
50	A183B	-0.441	-0.414	-0.027
50	A184B	-0.437	-0.410	-0.027
50	A146B	-0.438	-0.412	-0.026
50	A182B	-0.441	-0.415	-0.026
50	A179UB	-0.437	-0.426	-0.011
50	A176UB	-0.436	-0.423	-0.013
50	A174UB	-0.444	-0.433	-0.011
50	A172UB	-0.437	-0.426	-0.011
50	A171UB	-0.437	-0.425	-0.012
50	C41UB	-0.439	-0.428	-0.011
50	C42UB	-0.438	-0.430	-0.008
50	C43UB	-0.437	-0.425	-0.012
50	C44UB	-0.434	-0.424	-0.010
50	C46UB	-0.440	-0.426	-0.014
50	C49UB	-0.441	-0.430	-0.011
50	C50UB	-0.441	-0.429	-0.012
50	B44UB	-0.452	-0.439	-0.013
50	B40UB	-0.451	-0.437	-0.014
50	B37UB	-0.446	-0.432	-0.014
50	B32UB	-0.447	-0.434	-0.013
50	B26UB	-0.446	-0.432	-0.014
50	B39UB	-0.450	-0.438	-0.012
50	B35UB	-0.449	-0.436	-0.013
50	B80UB	-0.448	-0.434	-0.014
50	A178UB	-0.438	-0.420	-0.018
50	A173UB	-0.438	-0.428	-0.010
	Max	-0.434	-0.409	0.003
	Average	-0.442	-0.429	-0.013
	Min	-0.452	-0.451	-0.031
	Std Dev	0.005	0.011	0.009

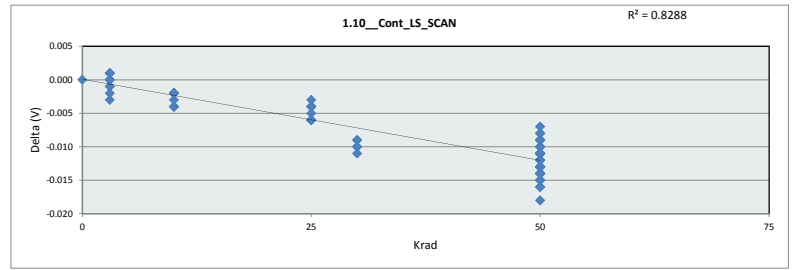


		1.9__Cont_LS_MCLK		
Test Site	CLAB			
Tester	Eagle3			
Test Number	EF651300			
Max Limit	-0.3	V		
Min Limit	-0.9	V		

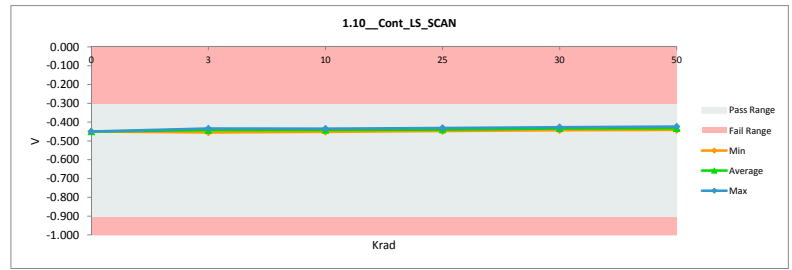
Krad	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.451	-0.449	-0.449	-0.442	-0.436	-0.439
Average	-0.451	-0.441	-0.438	-0.434	-0.426	-0.423
Max	-0.451	-0.431	-0.431	-0.425	-0.419	-0.409
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300



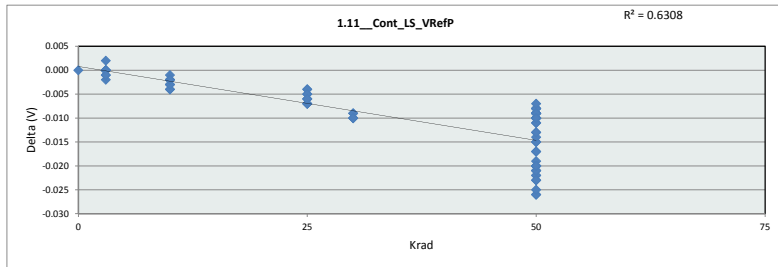
1.10_Cont_LS_SCAN				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.450	-0.450	0.000
3	B48B	-0.441	-0.442	0.001
3	B51B	-0.455	-0.455	0.000
3	C60B	-0.442	-0.439	-0.003
3	A162B	-0.442	-0.441	-0.001
3	A165B	-0.433	-0.434	0.001
3	A155UB	-0.439	-0.438	-0.001
3	A154UB	-0.441	-0.441	0.000
3	66UB	-0.447	-0.447	0.000
3	69UB	-0.452	-0.453	0.001
3	C72UB	-0.441	-0.439	-0.002
10	B54B	-0.452	-0.448	-0.004
10	B56B	-0.454	-0.452	-0.002
10	C61B	-0.439	-0.435	-0.004
10	C62B	-0.441	-0.437	-0.004
10	A160B	-0.437	-0.435	-0.002
10	B70UB	-0.447	-0.445	-0.002
10	B72UB	-0.446	-0.444	-0.002
10	C73UB	-0.442	-0.439	-0.003
10	A145UB	-0.438	-0.436	-0.002
10	A153UB	-0.444	-0.442	-0.002
25	A158B	-0.439	-0.433	-0.006
25	B59B	-0.452	-0.448	-0.004
25	B63B	-0.445	-0.441	-0.004
25	C64B	-0.437	-0.431	-0.006
25	C68B	-0.444	-0.438	-0.006
25	A152UB	-0.443	-0.438	-0.005
25	A150UB	-0.447	-0.443	-0.004
25	B1UB	-0.447	-0.443	-0.004
25	B4UB	-0.448	-0.445	-0.003
25	C74UB	-0.443	-0.437	-0.006
30	AA158B	-0.439	-0.428	-0.011
30	BB59B	-0.452	-0.443	-0.009
30	BB63B	-0.445	-0.436	-0.009
30	CC64B	-0.437	-0.427	-0.010
30	CC68B	-0.444	-0.434	-0.010
50	C32B	-0.440	-0.426	-0.014
50	C33B	-0.441	-0.427	-0.014
50	C34B	-0.440	-0.426	-0.014
50	C39B	-0.445	-0.430	-0.015
50	C78B	-0.441	-0.426	-0.015
50	C79B	-0.444	-0.430	-0.014
50	C80B	-0.443	-0.427	-0.016
50	B14B	-0.449	-0.436	-0.013
50	B15B	-0.451	-0.438	-0.013
50	B18B	-0.443	-0.429	-0.014
50	B10B	-0.451	-0.438	-0.013
50	B11B	-0.451	-0.438	-0.013
50	B13B	-0.448	-0.435	-0.013
50	B17B	-0.453	-0.439	-0.014
50	B185B	-0.443	-0.425	-0.018
50	A186B	-0.444	-0.432	-0.012
50	A180B	-0.445	-0.429	-0.016
50	A148B	-0.437	-0.425	-0.012
50	A183B	-0.441	-0.428	-0.013
50	A184B	-0.444	-0.431	-0.013
50	A146B	-0.444	-0.431	-0.013
50	A182B	-0.444	-0.431	-0.013
50	A179UB	-0.441	-0.432	-0.009
50	A176UB	-0.438	-0.427	-0.011
50	A174UB	-0.443	-0.434	-0.009
50	A172UB	-0.438	-0.429	-0.009
50	A171UB	-0.441	-0.432	-0.009
50	C41UB	-0.441	-0.431	-0.010
50	C42UB	-0.439	-0.432	-0.007
50	C43UB	-0.443	-0.433	-0.010
50	C44UB	-0.434	-0.426	-0.008
50	C46UB	-0.442	-0.431	-0.011
50	C49UB	-0.443	-0.433	-0.010
50	C50UB	-0.440	-0.431	-0.009
50	B44UB	-0.453	-0.442	-0.011
50	B40UB	-0.453	-0.442	-0.011
50	B37UB	-0.449	-0.438	-0.011
50	B32UB	-0.450	-0.438	-0.012
50	B26UB	-0.449	-0.438	-0.011
50	B39UB	-0.451	-0.442	-0.009
50	B35UB	-0.449	-0.438	-0.011
50	B80UB	-0.449	-0.438	-0.011
50	A178UB	-0.439	-0.424	-0.015
50	A173UB	-0.440	-0.432	-0.008
	Max	-0.433	-0.424	0.001
	Average	-0.444	-0.436	-0.008
	Min	-0.455	-0.455	-0.018
	Std Dev	0.005	0.007	0.005



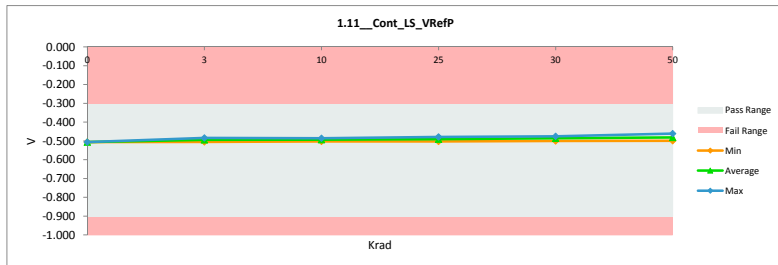
1.10_Cont_LS_SCAN						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
Krad	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.450	-0.455	-0.452	-0.448	-0.443	-0.442
Average	-0.450	-0.443	-0.441	-0.440	-0.434	-0.432
Max	-0.450	-0.434	-0.435	-0.431	-0.427	-0.424
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300



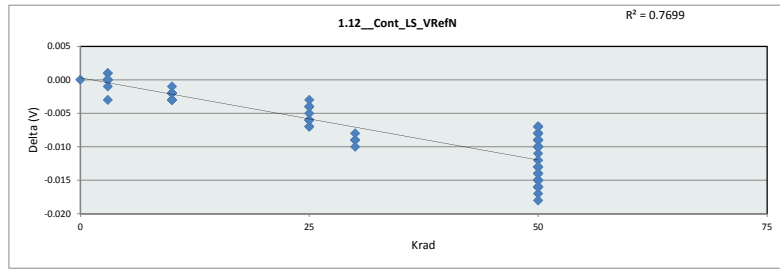
		1.11_Cont_LS_VRefP		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.506	-0.506	0.000
3	B48B	-0.493	-0.493	0.000
3	B51B	-0.501	-0.501	0.000
3	C60B	-0.486	-0.484	-0.002
3	A162B	-0.499	-0.499	0.000
3	A165B	-0.490	-0.492	0.002
3	A155UB	-0.491	-0.491	0.000
3	A154UB	-0.498	-0.497	-0.001
3	66UB	-0.499	-0.499	0.000
3	69UB	-0.505	-0.505	0.000
3	C72UB	-0.487	-0.486	-0.001
10	B54B	-0.502	-0.499	-0.003
10	B56B	-0.506	-0.503	-0.003
10	C61B	-0.490	-0.486	-0.004
10	C62B	-0.490	-0.486	-0.004
10	A160B	-0.490	-0.488	-0.002
10	B70UB	-0.496	-0.494	-0.002
10	B72UB	-0.504	-0.503	-0.001
10	C73UB	-0.494	-0.491	-0.003
10	A145UB	-0.491	-0.489	-0.002
10	A153UB	-0.495	-0.493	-0.002
25	A158B	-0.493	-0.486	-0.007
25	B59B	-0.509	-0.503	-0.006
25	B63B	-0.498	-0.492	-0.006
25	C64B	-0.486	-0.479	-0.007
25	C68B	-0.493	-0.486	-0.007
25	A152UB	-0.498	-0.494	-0.004
25	A150UB	-0.499	-0.494	-0.005
25	B1UB	-0.497	-0.493	-0.004
25	B4UB	-0.500	-0.495	-0.005
25	C74UB	-0.492	-0.486	-0.006
30	AA156B	-0.493	-0.483	-0.010
30	BB59B	-0.509	-0.500	-0.009
30	BB63B	-0.498	-0.489	-0.009
30	CC64B	-0.486	-0.476	-0.010
30	CC68B	-0.493	-0.483	-0.010
50	C32B	-0.488	-0.473	-0.015
50	C33B	-0.491	-0.476	-0.015
50	C34B	-0.491	-0.474	-0.017
50	C39B	-0.491	-0.478	-0.013
50	C78B	-0.487	-0.461	-0.026
50	C79B	-0.494	-0.468	-0.026
50	C80B	-0.489	-0.467	-0.022
50	B14B	-0.500	-0.480	-0.020
50	B15B	-0.505	-0.491	-0.014
50	B18B	-0.492	-0.473	-0.019
50	B10B	-0.509	-0.487	-0.022
50	B11B	-0.498	-0.477	-0.021
50	B13B	-0.507	-0.487	-0.020
50	B17B	-0.505	-0.485	-0.020
50	B185B	-0.492	-0.475	-0.017
50	A186B	-0.499	-0.476	-0.023
50	A180B	-0.499	-0.474	-0.025
50	A148B	-0.489	-0.468	-0.021
50	A183B	-0.495	-0.475	-0.020
50	A184B	-0.494	-0.473	-0.021
50	A146B	-0.497	-0.477	-0.020
50	A182B	-0.498	-0.475	-0.023
50	A179UB	-0.497	-0.489	-0.008
50	A176UB	-0.491	-0.481	-0.010
50	A174UB	-0.499	-0.491	-0.008
50	A172UB	-0.493	-0.484	-0.009
50	A171UB	-0.496	-0.487	-0.009
50	C41UB	-0.490	-0.481	-0.009
50	C42UB	-0.488	-0.480	-0.008
50	C43UB	-0.490	-0.481	-0.009
50	C44UB	-0.484	-0.476	-0.008
50	C46UB	-0.491	-0.481	-0.010
50	C49UB	-0.490	-0.481	-0.009
50	C50UB	-0.492	-0.483	-0.009
50	B44UB	-0.504	-0.493	-0.011
50	B40UB	-0.509	-0.499	-0.010
50	B37UB	-0.497	-0.487	-0.010
50	B32UB	-0.503	-0.493	-0.010
50	B26UB	-0.498	-0.488	-0.010
50	B39UB	-0.507	-0.498	-0.009
50	B35UB	-0.499	-0.488	-0.011
50	B80UB	-0.502	-0.492	-0.010
50	A178UB	-0.492	-0.479	-0.013
50	A173UB	-0.496	-0.489	-0.007
Max		-0.484	-0.461	0.002
Average		-0.496	-0.486	-0.010
Min		-0.509	-0.506	-0.026
Std Dev		0.006	0.010	0.007



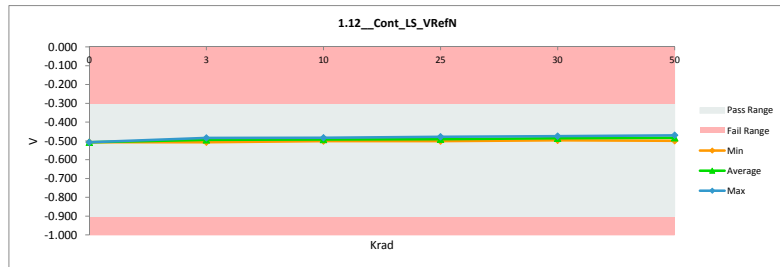
		1.11_Cont_LS_VRefP					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.506	-0.505	-0.503	-0.503	-0.500	-0.499	
Average	-0.506	-0.495	-0.493	-0.491	-0.486	-0.481	
Max	-0.506	-0.484	-0.486	-0.479	-0.476	-0.461	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	



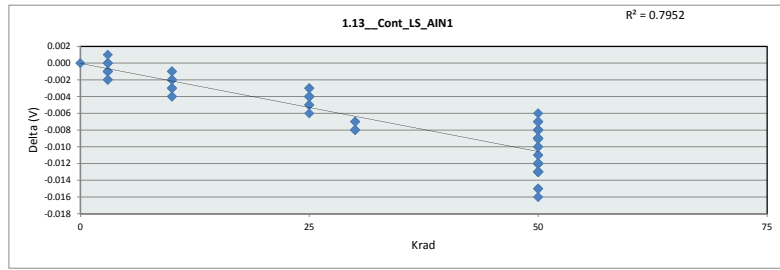
		1.12_Cont_LS_VRefN		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.507	-0.507	0.000
3	B48B	-0.486	-0.487	0.001
3	B51B	-0.502	-0.502	0.000
3	C60B	-0.487	-0.484	-0.003
3	A162B	-0.500	-0.500	0.000
3	A165B	-0.490	-0.491	0.001
3	A155UB	-0.493	-0.493	0.000
3	A154UB	-0.496	-0.496	0.000
3	66UB	-0.497	-0.497	0.000
3	69UB	-0.507	-0.507	0.000
3	C72UB	-0.487	-0.486	-0.001
10	B54B	-0.501	-0.498	-0.003
10	B56B	-0.503	-0.501	-0.002
10	C61B	-0.486	-0.483	-0.003
10	C62B	-0.490	-0.487	-0.003
10	A160B	-0.489	-0.487	-0.002
10	B70UB	-0.497	-0.496	-0.001
10	B72UB	-0.501	-0.499	-0.002
10	C73UB	-0.491	-0.488	-0.003
10	A145UB	-0.492	-0.490	-0.002
10	A153UB	-0.495	-0.493	-0.002
25	A158B	-0.494	-0.488	-0.006
25	B59B	-0.505	-0.501	-0.004
25	B63B	-0.499	-0.493	-0.006
25	C64B	-0.485	-0.478	-0.007
25	C68B	-0.492	-0.485	-0.007
25	A152UB	-0.496	-0.491	-0.005
25	A150UB	-0.498	-0.494	-0.004
25	B1UB	-0.498	-0.495	-0.003
25	B4UB	-0.501	-0.497	-0.004
25	C74UB	-0.493	-0.487	-0.006
30	AA158B	-0.494	-0.485	-0.009
30	BB59B	-0.505	-0.497	-0.008
30	BB63B	-0.499	-0.490	-0.009
30	CC64B	-0.485	-0.475	-0.010
30	CC68B	-0.492	-0.483	-0.009
50	C32B	-0.488	-0.476	-0.012
50	C33B	-0.490	-0.477	-0.013
50	C34B	-0.490	-0.477	-0.013
50	C39B	-0.491	-0.477	-0.014
50	C78B	-0.488	-0.471	-0.017
50	C79B	-0.493	-0.477	-0.016
50	C80B	-0.486	-0.470	-0.016
50	B14B	-0.499	-0.484	-0.015
50	B15B	-0.508	-0.495	-0.013
50	B18B	-0.492	-0.478	-0.014
50	B10B	-0.507	-0.491	-0.016
50	B11B	-0.500	-0.485	-0.015
50	B13B	-0.506	-0.491	-0.015
50	B17B	-0.500	-0.485	-0.015
50	B185B	-0.492	-0.481	-0.011
50	A186B	-0.499	-0.484	-0.015
50	A180B	-0.497	-0.479	-0.018
50	A148B	-0.491	-0.477	-0.014
50	A183B	-0.494	-0.479	-0.015
50	A184B	-0.497	-0.481	-0.016
50	A146B	-0.497	-0.481	-0.016
50	A182B	-0.497	-0.481	-0.016
50	A179UB	-0.496	-0.489	-0.007
50	A176UB	-0.493	-0.483	-0.010
50	A174UB	-0.498	-0.490	-0.008
50	A172UB	-0.492	-0.483	-0.009
50	A171UB	-0.494	-0.486	-0.008
50	C41UB	-0.488	-0.479	-0.009
50	C42UB	-0.488	-0.481	-0.007
50	C43UB	-0.489	-0.480	-0.009
50	C44UB	-0.482	-0.474	-0.008
50	C46UB	-0.490	-0.480	-0.010
50	C49UB	-0.490	-0.482	-0.008
50	C50UB	-0.490	-0.481	-0.009
50	B44UB	-0.503	-0.493	-0.010
50	B40UB	-0.508	-0.498	-0.010
50	B37UB	-0.498	-0.488	-0.010
50	B32UB	-0.503	-0.493	-0.010
50	B26UB	-0.500	-0.491	-0.009
50	B39UB	-0.508	-0.499	-0.009
50	B35UB	-0.501	-0.491	-0.010
50	B80UB	-0.500	-0.491	-0.009
50	A178UB	-0.490	-0.477	-0.013
50	A173UB	-0.495	-0.488	-0.007
	Max	-0.482	-0.470	0.001
	Average	-0.495	-0.487	-0.008
	Min	-0.508	-0.507	-0.018
	Std Dev	0.006	0.008	0.005



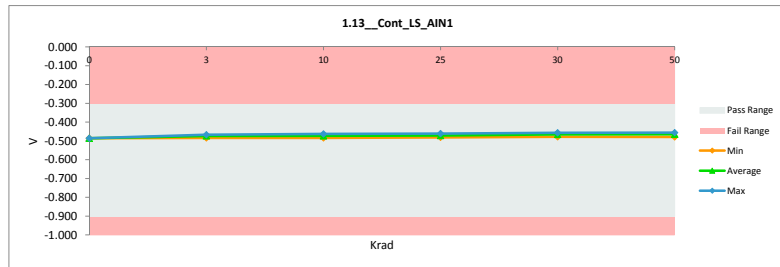
		1.12_Cont_LS_VRefN					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.507	-0.507	-0.501	-0.501	-0.497	-0.499	
Average	-0.507	-0.494	-0.492	-0.491	-0.486	-0.484	
Max	-0.507	-0.484	-0.483	-0.478	-0.475	-0.470	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	



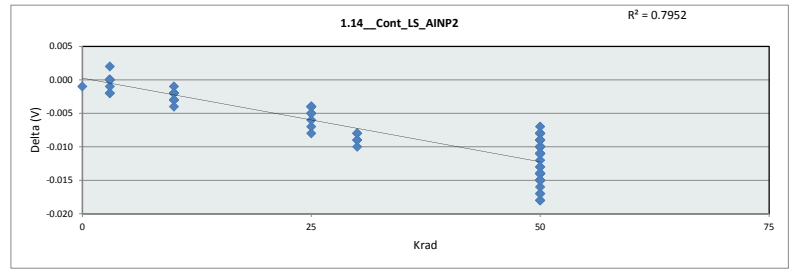
		1.13_Cont_LS_AIN1		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.486	-0.486	0.000
3	B48B	-0.470	-0.470	0.000
3	B51B	-0.484	-0.484	0.000
3	C60B	-0.471	-0.469	-0.002
3	A162B	-0.476	-0.476	0.000
3	A165B	-0.466	-0.467	0.001
3	A155UB	-0.471	-0.470	-0.001
3	A154UB	-0.473	-0.472	-0.001
3	66UB	-0.476	-0.475	-0.001
3	69UB	-0.485	-0.484	-0.001
3	C72UB	-0.469	-0.467	-0.002
10	B54B	-0.485	-0.481	-0.004
10	B56B	-0.485	-0.484	-0.001
10	C61B	-0.466	-0.463	-0.003
10	C62B	-0.469	-0.465	-0.004
10	A160B	-0.471	-0.469	-0.002
10	B70UB	-0.477	-0.476	-0.001
10	B72UB	-0.480	-0.477	-0.003
10	C73UB	-0.470	-0.467	-0.003
10	A145UB	-0.473	-0.471	-0.002
10	A153UB	-0.477	-0.475	-0.002
25	A158B	-0.470	-0.464	-0.006
25	B59B	-0.485	-0.481	-0.004
25	B63B	-0.474	-0.470	-0.004
25	C64B	-0.465	-0.461	-0.004
25	C68B	-0.472	-0.467	-0.005
25	A152UB	-0.476	-0.472	-0.004
25	A150UB	-0.480	-0.477	-0.003
25	B1UB	-0.482	-0.479	-0.003
25	B4UB	-0.477	-0.473	-0.004
25	C74UB	-0.473	-0.468	-0.005
30	AA156B	-0.470	-0.462	-0.008
30	BB59B	-0.485	-0.478	-0.007
30	BB63B	-0.474	-0.466	-0.008
30	CC64B	-0.465	-0.457	-0.008
30	CC68B	-0.472	-0.465	-0.007
50	C32B	-0.470	-0.457	-0.013
50	C33B	-0.471	-0.459	-0.012
50	C34B	-0.469	-0.456	-0.013
50	C39B	-0.473	-0.462	-0.011
50	C78B	-0.471	-0.458	-0.013
50	C79B	-0.474	-0.458	-0.016
50	C80B	-0.472	-0.457	-0.015
50	B14B	-0.481	-0.469	-0.012
50	B15B	-0.488	-0.477	-0.011
50	B18B	-0.473	-0.461	-0.012
50	B10B	-0.484	-0.471	-0.013
50	B11B	-0.482	-0.469	-0.013
50	B13B	-0.482	-0.469	-0.013
50	B17B	-0.485	-0.472	-0.013
50	B185B	-0.473	-0.464	-0.009
50	A186B	-0.476	-0.464	-0.012
50	A180B	-0.476	-0.461	-0.015
50	A148B	-0.470	-0.457	-0.013
50	A183B	-0.475	-0.462	-0.013
50	A184B	-0.477	-0.465	-0.012
50	A146B	-0.477	-0.465	-0.012
50	A182B	-0.476	-0.463	-0.013
50	A179UB	-0.476	-0.469	-0.007
50	A176UB	-0.469	-0.460	-0.009
50	A174UB	-0.478	-0.471	-0.007
50	A172UB	-0.470	-0.462	-0.008
50	A171UB	-0.475	-0.467	-0.008
50	C41UB	-0.466	-0.458	-0.008
50	C42UB	-0.467	-0.461	-0.006
50	C43UB	-0.468	-0.460	-0.008
50	C44UB	-0.464	-0.456	-0.008
50	C46UB	-0.469	-0.461	-0.008
50	C49UB	-0.474	-0.465	-0.009
50	C50UB	-0.470	-0.461	-0.009
50	B44UB	-0.482	-0.472	-0.010
50	B40UB	-0.487	-0.479	-0.008
50	B37UB	-0.474	-0.464	-0.010
50	B32UB	-0.481	-0.472	-0.009
50	B26UB	-0.478	-0.469	-0.009
50	B39UB	-0.485	-0.477	-0.008
50	B35UB	-0.481	-0.472	-0.009
50	B80UB	-0.481	-0.472	-0.009
50	A178UB	-0.469	-0.456	-0.013
50	A173UB	-0.471	-0.464	-0.007
	Max	-0.464	-0.456	0.001
	Average	-0.475	-0.468	-0.007
	Min	-0.488	-0.486	-0.016
	Std Dev	0.006	0.008	0.004



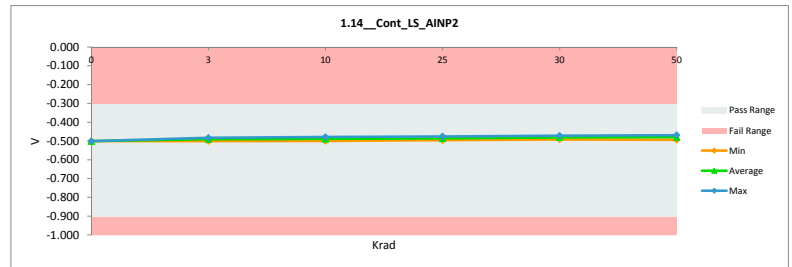
		1.13_Cont_LS_AIN1					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.486	-0.484	-0.484	-0.481	-0.478	-0.479	
Average	-0.486	-0.473	-0.473	-0.471	-0.466	-0.465	
Max	-0.486	-0.467	-0.463	-0.461	-0.457	-0.456	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	



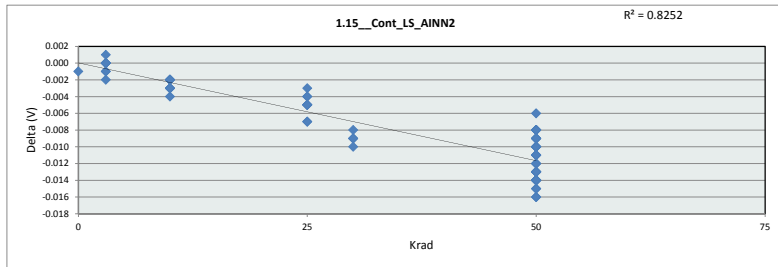
1.14_Cont_LS_AINP2				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.502	-0.501	-0.001
3	B48B	-0.488	-0.488	0.000
3	B51B	-0.500	-0.500	0.000
3	C60B	-0.488	-0.486	-0.002
3	A162B	-0.492	-0.492	0.000
3	A165B	-0.483	-0.485	0.002
3	A155UB	-0.488	-0.488	0.000
3	A154UB	-0.489	-0.489	0.000
3	66UB	-0.493	-0.492	-0.001
3	69UB	-0.501	-0.501	0.000
3	C72UB	-0.485	-0.483	-0.002
10	B54B	-0.498	-0.495	-0.003
10	B56B	-0.502	-0.500	-0.002
10	C61B	-0.482	-0.479	-0.003
10	C62B	-0.487	-0.483	-0.004
10	A160B	-0.489	-0.487	-0.002
10	B70UB	-0.493	-0.491	-0.002
10	B72UB	-0.495	-0.494	-0.001
10	C73UB	-0.484	-0.481	-0.003
10	A145UB	-0.490	-0.488	-0.002
10	A153UB	-0.492	-0.490	-0.002
25	A158B	-0.486	-0.479	-0.007
25	B59B	-0.500	-0.496	-0.004
25	B63B	-0.490	-0.485	-0.005
25	C64B	-0.481	-0.476	-0.005
25	C68B	-0.492	-0.484	-0.008
25	A152UB	-0.492	-0.488	-0.004
25	A150UB	-0.495	-0.491	-0.004
25	B1UB	-0.498	-0.494	-0.004
25	B4UB	-0.493	-0.488	-0.005
25	C74UB	-0.489	-0.483	-0.006
30	AA158B	-0.486	-0.477	-0.009
30	BB59B	-0.500	-0.492	-0.008
30	BB63B	-0.490	-0.482	-0.008
30	CC64B	-0.481	-0.472	-0.009
30	CC68B	-0.492	-0.482	-0.010
50	C32B	-0.487	-0.473	-0.014
50	C33B	-0.487	-0.474	-0.013
50	C34B	-0.484	-0.469	-0.015
50	C39B	-0.489	-0.476	-0.013
50	C78B	-0.489	-0.474	-0.015
50	C79B	-0.489	-0.471	-0.018
50	C80B	-0.489	-0.471	-0.018
50	B14B	-0.498	-0.483	-0.015
50	B15B	-0.503	-0.491	-0.012
50	B18B	-0.488	-0.474	-0.014
50	B10B	-0.502	-0.485	-0.017
50	B11B	-0.498	-0.483	-0.015
50	B13B	-0.499	-0.483	-0.016
50	B17B	-0.502	-0.487	-0.015
50	B185B	-0.488	-0.477	-0.011
50	A186B	-0.493	-0.479	-0.014
50	A180B	-0.491	-0.474	-0.017
50	A148B	-0.486	-0.472	-0.014
50	A183B	-0.491	-0.477	-0.014
50	A184B	-0.492	-0.477	-0.015
50	A146B	-0.494	-0.479	-0.015
50	A182B	-0.491	-0.476	-0.015
50	A179UB	-0.493	-0.485	-0.008
50	A176UB	-0.486	-0.477	-0.009
50	A174UB	-0.494	-0.486	-0.008
50	A172UB	-0.488	-0.479	-0.009
50	A171UB	-0.492	-0.482	-0.010
50	C41UB	-0.483	-0.473	-0.010
50	C42UB	-0.483	-0.476	-0.007
50	C43UB	-0.488	-0.480	-0.008
50	C44UB	-0.481	-0.473	-0.008
50	C46UB	-0.486	-0.476	-0.010
50	C49UB	-0.488	-0.479	-0.009
50	C50UB	-0.486	-0.476	-0.010
50	B44UB	-0.498	-0.487	-0.011
50	B40UB	-0.504	-0.494	-0.010
50	B37UB	-0.492	-0.481	-0.011
50	B32UB	-0.499	-0.488	-0.011
50	B26UB	-0.496	-0.486	-0.010
50	B39UB	-0.500	-0.491	-0.009
50	B35UB	-0.497	-0.487	-0.010
50	B80UB	-0.498	-0.487	-0.011
50	A178UB	-0.487	-0.473	-0.014
50	A173UB	-0.490	-0.481	-0.009
	Max	-0.481	-0.469	0.002
	Average	-0.492	-0.483	-0.008
	Min	-0.504	-0.501	-0.018
	Std Dev	0.006	0.008	0.005



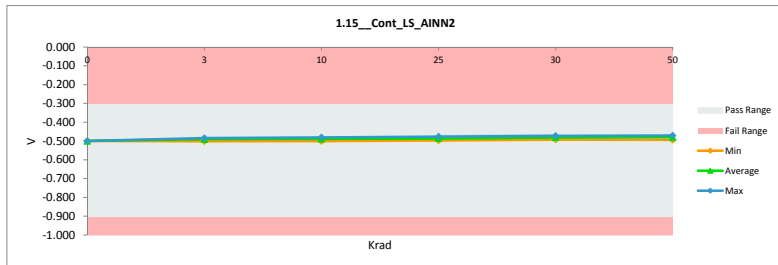
1.14_Cont_LS_AINP2						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	-0.3	V				
Min Limit	-0.9	V				
Krad	0	3	10	25	30	50
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900
Min	-0.501	-0.501	-0.500	-0.496	-0.492	-0.494
Average	-0.501	-0.490	-0.488	-0.489	-0.486	-0.481
Max	-0.501	-0.483	-0.479	-0.476	-0.472	-0.469
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300



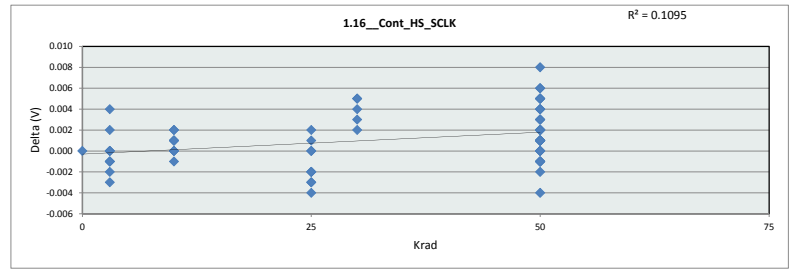
		1.15_Cont_LS_AINN2		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	-0.3	-0.3		
Min Limit	-0.9	-0.9		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.501	-0.500	-0.001
3	B48B	-0.486	-0.486	0.000
3	B51B	-0.501	-0.500	-0.001
3	C60B	-0.487	-0.485	-0.002
3	A162B	-0.493	-0.493	0.000
3	A165B	-0.484	-0.485	0.001
3	A155UB	-0.487	-0.487	0.000
3	A154UB	-0.489	-0.489	0.000
3	66UB	-0.493	-0.493	0.000
3	69UB	-0.502	-0.502	0.000
3	C72UB	-0.486	-0.485	-0.001
10	B54B	-0.499	-0.496	-0.003
10	B56B	-0.503	-0.501	-0.002
10	C61B	-0.485	-0.482	-0.003
10	C62B	-0.485	-0.481	-0.004
10	A160B	-0.486	-0.484	-0.002
10	B70UB	-0.494	-0.492	-0.002
10	B72UB	-0.496	-0.494	-0.002
10	C73UB	-0.488	-0.485	-0.003
10	A145UB	-0.488	-0.485	-0.003
10	A153UB	-0.492	-0.490	-0.002
25	A158B	-0.486	-0.479	-0.007
25	B59B	-0.502	-0.497	-0.005
25	B63B	-0.492	-0.487	-0.005
25	C64B	-0.482	-0.477	-0.005
25	C68B	-0.491	-0.484	-0.007
25	A152UB	-0.493	-0.488	-0.005
25	A150UB	-0.495	-0.492	-0.003
25	B1UB	-0.496	-0.492	-0.004
25	B4UB	-0.494	-0.490	-0.004
25	C74UB	-0.488	-0.483	-0.005
30	AA156B	-0.486	-0.477	-0.009
30	BB59B	-0.502	-0.493	-0.009
30	BB63B	-0.492	-0.484	-0.008
30	CC64B	-0.482	-0.473	-0.009
30	CC68B	-0.491	-0.481	-0.010
50	C32B	-0.485	-0.471	-0.014
50	C33B	-0.485	-0.472	-0.013
50	C34B	-0.485	-0.471	-0.014
50	C39B	-0.490	-0.478	-0.012
50	C78B	-0.486	-0.472	-0.014
50	C79B	-0.491	-0.475	-0.016
50	C80B	-0.488	-0.472	-0.016
50	B14B	-0.498	-0.484	-0.014
50	B15B	-0.504	-0.491	-0.013
50	B18B	-0.489	-0.476	-0.013
50	B10B	-0.501	-0.487	-0.014
50	B11B	-0.497	-0.484	-0.013
50	B13B	-0.498	-0.484	-0.014
50	B17B	-0.501	-0.486	-0.015
50	B185B	-0.489	-0.477	-0.012
50	A186B	-0.492	-0.479	-0.013
50	A180B	-0.494	-0.479	-0.015
50	A148B	-0.487	-0.475	-0.012
50	A183B	-0.490	-0.477	-0.013
50	A184B	-0.493	-0.479	-0.014
50	A146B	-0.492	-0.478	-0.014
50	A182B	-0.491	-0.477	-0.014
50	A179UB	-0.492	-0.484	-0.008
50	A176UB	-0.486	-0.476	-0.010
50	A174UB	-0.495	-0.487	-0.008
50	A172UB	-0.488	-0.479	-0.009
50	A171UB	-0.492	-0.482	-0.010
50	C41UB	-0.484	-0.475	-0.009
50	C42UB	-0.482	-0.476	-0.006
50	C43UB	-0.485	-0.476	-0.009
50	C44UB	-0.479	-0.471	-0.008
50	C46UB	-0.486	-0.476	-0.010
50	C49UB	-0.488	-0.480	-0.008
50	C50UB	-0.486	-0.477	-0.009
50	B44UB	-0.498	-0.487	-0.011
50	B40UB	-0.504	-0.494	-0.010
50	B37UB	-0.492	-0.481	-0.011
50	B32UB	-0.497	-0.486	-0.011
50	B26UB	-0.495	-0.485	-0.010
50	B39UB	-0.502	-0.493	-0.009
50	B35UB	-0.496	-0.485	-0.011
50	B80UB	-0.497	-0.487	-0.010
50	A178UB	-0.486	-0.473	-0.013
50	A173UB	-0.488	-0.480	-0.008
	Max	-0.479	-0.471	0.001
	Average	-0.492	-0.484	-0.008
	Min	-0.504	-0.502	-0.016
	Std Dev	0.006	0.008	0.005



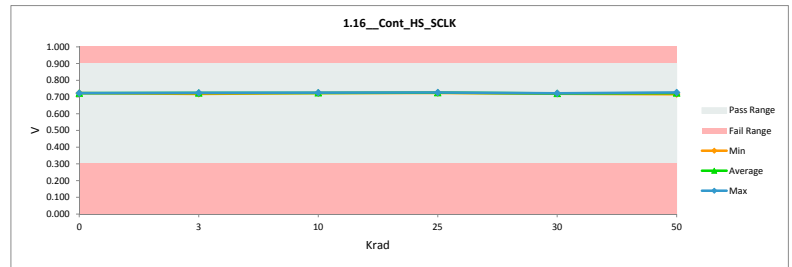
		1.15_Cont_LS_AINN2					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-0.3	V					
Min Limit	-0.9	V					
Krad	0	3	10	25	30	50	
LL	-0.900	-0.900	-0.900	-0.900	-0.900	-0.900	
Min	-0.500	-0.502	-0.501	-0.497	-0.493	-0.494	
Average	-0.500	-0.491	-0.489	-0.487	-0.482	-0.480	
Max	-0.500	-0.485	-0.481	-0.477	-0.473	-0.471	
UL	-0.300	-0.300	-0.300	-0.300	-0.300	-0.300	



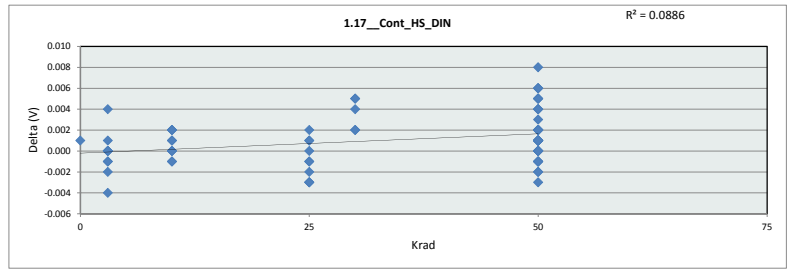
		1.16_Cont_HS_SCLK		
Test Site	CLAB	CLAB	CLAB	
Tester	Eagle3	Eagle3	Eagle3	
Test Number	EF651300	EF651300	EF651300	
Unit	V	V	V	
Max Limit	0.9	0.9	0.9	
Min Limit	0.3	0.3	0.3	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.723	0.723	0.000
3	B48B	0.723	0.725	-0.002
3	B51B	0.724	0.725	-0.001
3	C60B	0.723	0.719	0.004
3	A162B	0.724	0.724	0.000
3	A165B	0.722	0.725	-0.003
3	A155UB	0.725	0.725	0.000
3	A154UB	0.724	0.724	0.000
3	66UB	0.724	0.725	-0.001
3	69UB	0.724	0.725	-0.001
3	C72UB	0.727	0.725	0.002
10	B54B	0.724	0.723	0.001
10	B56B	0.724	0.725	-0.001
10	C61B	0.727	0.726	0.001
10	C62B	0.726	0.724	0.002
10	A160B	0.725	0.725	0.000
10	B70UB	0.724	0.723	0.001
10	B72UB	0.725	0.725	0.000
10	C73UB	0.727	0.725	0.002
10	A145UB	0.724	0.723	0.001
10	A153UB	0.724	0.724	0.000
25	A158B	0.724	0.724	0.000
25	B59B	0.724	0.726	-0.002
25	B63B	0.724	0.726	-0.002
25	C64B	0.726	0.726	0.000
25	C68B	0.727	0.725	0.002
25	A152UB	0.725	0.727	-0.002
25	A150UB	0.724	0.727	-0.003
25	B1UB	0.723	0.727	-0.004
25	B4UB	0.723	0.726	-0.003
25	C74UB	0.726	0.725	0.001
30	AA158B	0.724	0.720	0.004
30	BB59B	0.724	0.721	0.003
30	BB63B	0.724	0.722	0.002
30	CC64B	0.726	0.721	0.005
30	CC68B	0.727	0.722	0.005
50	C32B	0.726	0.721	0.005
50	C33B	0.726	0.722	0.004
50	C34B	0.727	0.723	0.004
50	C39B	0.727	0.722	0.005
50	C78B	0.727	0.722	0.005
50	C79B	0.727	0.723	0.004
50	C80B	0.727	0.721	0.006
50	B14B	0.724	0.723	0.001
50	B15B	0.725	0.724	0.001
50	B18B	0.724	0.722	0.002
50	B10B	0.724	0.722	0.002
50	B11B	0.724	0.723	0.001
50	B13B	0.724	0.722	0.002
50	B17B	0.724	0.722	0.002
50	B185B	0.724	0.718	0.006
50	A186B	0.724	0.724	0.000
50	A180B	0.725	0.720	0.005
50	A148B	0.723	0.723	0.000
50	A183B	0.724	0.722	0.002
50	A184B	0.724	0.723	0.001
50	A146B	0.724	0.723	0.001
50	A182B	0.724	0.723	0.001
50	A179UB	0.723	0.724	-0.001
50	A176UB	0.725	0.723	0.002
50	A174UB	0.724	0.725	-0.001
50	A172UB	0.724	0.725	-0.001
50	A171UB	0.725	0.724	0.001
50	C41UB	0.727	0.726	0.001
50	C42UB	0.723	0.727	-0.004
50	C43UB	0.727	0.726	0.001
50	C44UB	0.724	0.726	-0.002
50	C46UB	0.727	0.726	0.001
50	C49UB	0.726	0.726	0.000
50	C50UB	0.726	0.726	0.000
50	B44UB	0.728	0.725	0.003
50	B40UB	0.727	0.725	0.002
50	B37UB	0.727	0.725	0.002
50	B32UB	0.728	0.725	0.003
50	B26UB	0.727	0.725	0.002
50	B39UB	0.719	0.720	-0.001
50	B35UB	0.727	0.725	0.002
50	B80UB	0.727	0.724	0.003
50	A178UB	0.725	0.717	0.008
50	A173UB	0.724	0.725	-0.001
	Max	0.728	0.727	0.008
	Average	0.725	0.724	0.001
	Min	0.719	0.717	-0.004
	Std Dev	0.002	0.002	0.002



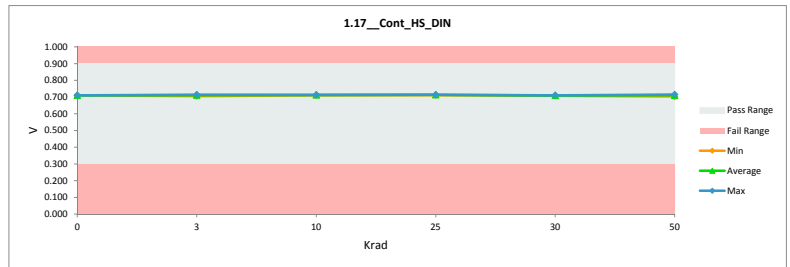
		1.16_Cont_HS_SCLK					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	0.9	V					
Min Limit	0.3	V					
Krad	0	3	10	25	30	50	
LL	0.300	0.300	0.300	0.300	0.300	0.300	
Min	0.723	0.719	0.723	0.724	0.720	0.717	
Average	0.723	0.724	0.724	0.726	0.721	0.723	
Max	0.723	0.725	0.726	0.727	0.722	0.727	
UL	0.900	0.900	0.900	0.900	0.900	0.900	



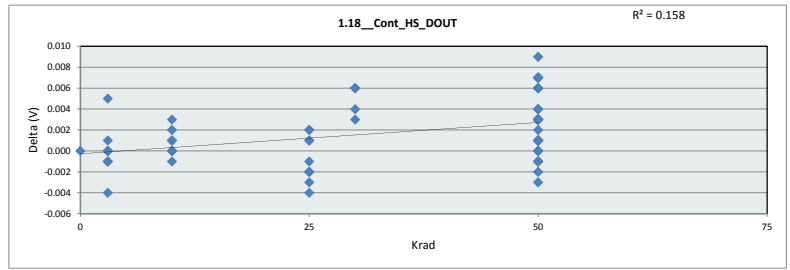
		1.17_Cont_HS_DIN		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.711	0.710	0.001
3	B48B	0.710	0.712	-0.002
3	B51B	0.711	0.712	-0.001
3	C60B	0.709	0.705	0.004
3	A162B	0.711	0.711	0.000
3	A165B	0.710	0.714	-0.004
3	A155UB	0.713	0.713	0.000
3	A154UB	0.712	0.712	0.000
3	66UB	0.711	0.712	-0.001
3	69UB	0.711	0.711	0.000
3	C72UB	0.714	0.713	0.001
10	B54B	0.713	0.711	0.002
10	B56B	0.712	0.713	-0.001
10	C61B	0.714	0.713	0.001
10	C62B	0.713	0.711	0.002
10	A160B	0.712	0.712	0.000
10	B70UB	0.712	0.712	0.000
10	B72UB	0.711	0.712	-0.001
10	C73UB	0.713	0.711	0.002
10	A145UB	0.711	0.710	0.001
10	A153UB	0.713	0.713	0.000
25	A158B	0.712	0.711	0.001
25	B59B	0.711	0.714	-0.003
25	B63B	0.712	0.713	-0.001
25	C64B	0.713	0.713	0.000
25	C68B	0.715	0.713	0.002
25	A152UB	0.713	0.714	-0.001
25	A150UB	0.711	0.713	-0.002
25	B1UB	0.711	0.714	-0.003
25	B4UB	0.711	0.714	-0.003
25	C74UB	0.713	0.712	0.001
30	AA158B	0.712	0.707	0.005
30	BB59B	0.711	0.709	0.002
30	BB63B	0.712	0.710	0.002
30	CC64B	0.713	0.709	0.004
30	CC68B	0.715	0.710	0.005
50	C32B	0.713	0.708	0.005
50	C33B	0.714	0.710	0.004
50	C34B	0.713	0.709	0.004
50	C39B	0.714	0.709	0.005
50	C78B	0.715	0.709	0.006
50	C79B	0.715	0.711	0.004
50	C80B	0.711	0.705	0.006
50	B14B	0.712	0.711	0.001
50	B15B	0.711	0.710	0.001
50	B18B	0.712	0.711	0.001
50	B10B	0.711	0.709	0.002
50	B11B	0.711	0.710	0.001
50	B13B	0.711	0.710	0.001
50	B17B	0.710	0.709	0.001
50	B185B	0.712	0.706	0.006
50	A186B	0.710	0.711	-0.001
50	A180B	0.712	0.707	0.005
50	A148B	0.711	0.711	0.000
50	A183B	0.711	0.710	0.001
50	A184B	0.712	0.711	0.001
50	A146B	0.711	0.709	0.002
50	A182B	0.712	0.710	0.002
50	A179UB	0.710	0.712	-0.002
50	A176UB	0.711	0.710	0.001
50	A174UB	0.712	0.713	-0.001
50	A172UB	0.711	0.712	-0.001
50	A171UB	0.713	0.713	0.000
50	C41UB	0.713	0.713	0.000
50	C42UB	0.712	0.715	-0.003
50	C43UB	0.714	0.714	0.000
50	C44UB	0.712	0.714	-0.002
50	C46UB	0.713	0.712	0.001
50	C49UB	0.713	0.714	-0.001
50	C50UB	0.713	0.713	0.000
50	B44UB	0.715	0.713	0.002
50	B40UB	0.714	0.712	0.002
50	B37UB	0.714	0.712	0.002
50	B32UB	0.715	0.712	0.003
50	B26UB	0.714	0.712	0.002
50	B39UB	0.707	0.707	0.000
50	B35UB	0.714	0.713	0.001
50	B80UB	0.714	0.712	0.002
50	A178UB	0.711	0.703	0.008
50	A173UB	0.713	0.713	0.000
	Max	0.715	0.715	0.008
	Average	0.712	0.711	0.001
	Min	0.707	0.703	-0.004
	Std Dev	0.002	0.002	0.002



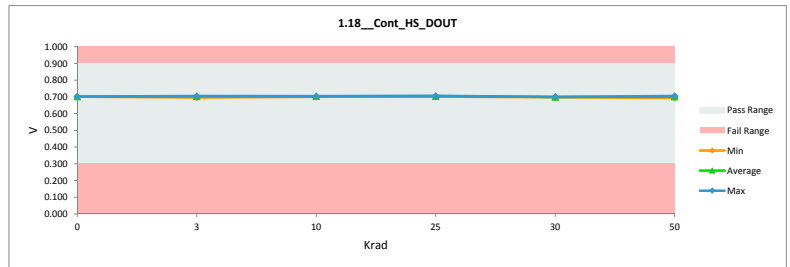
		1.17_Cont_HS_DIN					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	0.9	V					
Min Limit	0.3	V					
Krad	0	3	10	25	30	50	
LL	0.300	0.300	0.300	0.300	0.300	0.300	
Min	0.710	0.705	0.710	0.711	0.707	0.703	
Average	0.710	0.712	0.712	0.713	0.709	0.711	
Max	0.710	0.714	0.713	0.714	0.710	0.715	
UL	0.900	0.900	0.900	0.900	0.900	0.900	



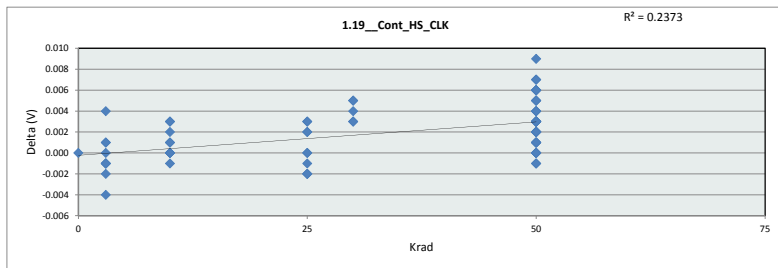
		1.18_Cont_HS_DOUT		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.702	0.702	0.000
3	B48B	0.703	0.704	-0.001
3	B51B	0.703	0.704	-0.001
3	C60B	0.701	0.696	0.005
3	A162B	0.704	0.704	0.000
3	A165B	0.700	0.704	-0.004
3	A155UB	0.704	0.704	0.000
3	A154UB	0.705	0.705	0.000
3	66UB	0.703	0.704	-0.001
3	69UB	0.704	0.704	0.000
3	C72UB	0.705	0.704	0.001
10	B54B	0.704	0.703	0.001
10	B56B	0.704	0.704	0.000
10	C61B	0.705	0.704	0.001
10	C62B	0.704	0.701	0.003
10	A160B	0.704	0.704	0.000
10	B70UB	0.703	0.704	-0.001
10	B72UB	0.703	0.703	0.000
10	C73UB	0.705	0.703	0.002
10	A145UB	0.703	0.702	0.001
10	A153UB	0.704	0.704	0.000
25	A158B	0.704	0.702	0.002
25	B59B	0.703	0.705	-0.002
25	B63B	0.704	0.705	-0.001
25	C64B	0.705	0.704	0.001
25	C68B	0.706	0.704	0.002
25	A152UB	0.704	0.706	-0.002
25	A150UB	0.704	0.706	-0.002
25	B1UB	0.702	0.706	-0.004
25	B4UB	0.703	0.706	-0.003
25	C74UB	0.705	0.704	0.001
30	AA158B	0.704	0.698	0.006
30	BB59B	0.703	0.700	0.003
30	BB63B	0.704	0.700	0.004
30	CC64B	0.705	0.699	0.006
30	CC68B	0.706	0.700	0.006
50	C32B	0.704	0.698	0.006
50	C33B	0.706	0.699	0.007
50	C34B	0.705	0.699	0.006
50	C39B	0.705	0.698	0.007
50	C78B	0.705	0.699	0.006
50	C79B	0.706	0.700	0.006
50	C80B	0.703	0.696	0.007
50	B14B	0.703	0.701	0.002
50	B15B	0.703	0.700	0.003
50	B18B	0.703	0.700	0.003
50	B10B	0.703	0.700	0.003
50	B11B	0.703	0.700	0.003
50	B13B	0.703	0.700	0.003
50	B17B	0.703	0.699	0.004
50	B185B	0.703	0.696	0.007
50	A186B	0.702	0.701	0.001
50	A180B	0.704	0.697	0.007
50	A148B	0.702	0.701	0.001
50	A183B	0.704	0.700	0.004
50	A184B	0.704	0.701	0.003
50	A146B	0.703	0.700	0.003
50	A182B	0.704	0.700	0.004
50	A179UB	0.702	0.703	-0.001
50	A176UB	0.704	0.701	0.003
50	A174UB	0.704	0.705	-0.001
50	A172UB	0.703	0.704	-0.001
50	A171UB	0.704	0.703	0.001
50	C41UB	0.704	0.704	0.000
50	C42UB	0.702	0.705	-0.003
50	C43UB	0.705	0.705	0.000
50	C44UB	0.703	0.705	-0.002
50	C46UB	0.704	0.703	0.001
50	C49UB	0.705	0.705	0.000
50	C50UB	0.705	0.704	0.001
50	B44UB	0.707	0.704	0.003
50	B40UB	0.705	0.704	0.001
50	B37UB	0.707	0.704	0.003
50	B32UB	0.707	0.704	0.003
50	B26UB	0.707	0.704	0.003
50	B39UB	0.698	0.699	-0.001
50	B35UB	0.705	0.704	0.001
50	B80UB	0.706	0.703	0.003
50	A178UB	0.703	0.694	0.009
50	A173UB	0.704	0.704	0.000
	Max	0.707	0.706	0.009
	Average	0.704	0.702	0.002
	Min	0.698	0.694	-0.004
	Std Dev	0.001	0.003	0.003



		1.18_Cont_HS_DOUT					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	0.9	V					
Min Limit	0.3	V					
Krad	0	3	10	25	30	50	
LL	0.300	0.300	0.300	0.300	0.300	0.300	
Min	0.702	0.696	0.701	0.702	0.698	0.694	
Average	0.702	0.703	0.703	0.705	0.699	0.701	
Max	0.702	0.705	0.704	0.706	0.700	0.705	
UL	0.900	0.900	0.900	0.900	0.900	0.900	

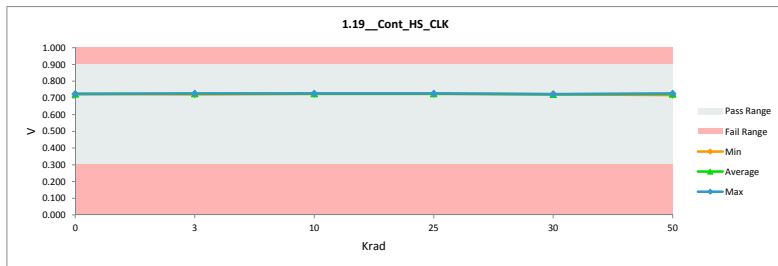


		1.19_Cont_HS_CLK		
Test Site	CLAB	CLAB	CLAB	
Tester	Eagle3	Eagle3	Eagle3	
Test Number	EF651300	EF651300	EF651300	
Unit	V	V	V	
Max Limit	0.9	0.9	0.9	
Min Limit	0.3	0.3	0.3	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.724	0.724	0.000
3	B48B	0.724	0.726	-0.002
3	B51B	0.725	0.726	-0.001
3	C60B	0.725	0.721	0.004
3	A162B	0.725	0.726	-0.001
3	A165B	0.723	0.727	-0.004
3	A155UB	0.727	0.726	0.001
3	A154UB	0.725	0.725	0.000
3	66UB	0.725	0.726	-0.001
3	69UB	0.725	0.726	-0.001
3	C72UB	0.728	0.727	0.001
10	B54B	0.726	0.724	0.002
10	B56B	0.725	0.726	-0.001
10	C61B	0.728	0.727	0.001
10	C62B	0.727	0.724	0.003
10	A160B	0.727	0.726	0.001
10	B70UB	0.725	0.725	0.000
10	B72UB	0.726	0.726	0.000
10	C73UB	0.729	0.726	0.003
10	A145UB	0.725	0.725	0.000
10	A153UB	0.725	0.725	0.000
25	A158B	0.726	0.724	0.002
25	B59B	0.725	0.726	-0.001
25	B63B	0.725	0.725	0.000
25	C64B	0.727	0.725	0.002
25	C68B	0.728	0.725	0.003
25	A152UB	0.726	0.726	0.000
25	A150UB	0.725	0.727	-0.002
25	B11UB	0.725	0.727	-0.002
25	B4UB	0.724	0.726	-0.002
25	C74UB	0.728	0.725	0.003
30	AA158B	0.726	0.722	0.004
30	BB59B	0.725	0.722	0.003
30	BB63B	0.725	0.722	0.003
30	CC64B	0.727	0.722	0.005
30	CC68B	0.728	0.723	0.005
50	C32B	0.728	0.722	0.006
50	C33B	0.727	0.722	0.005
50	C34B	0.729	0.723	0.006
50	C39B	0.728	0.722	0.006
50	C78B	0.729	0.722	0.007
50	C79B	0.728	0.723	0.005
50	C80B	0.728	0.722	0.006
50	B14B	0.725	0.724	0.001
50	B15B	0.726	0.724	0.002
50	B18B	0.725	0.723	0.002
50	B10B	0.725	0.723	0.002
50	B11B	0.725	0.723	0.002
50	B13B	0.726	0.723	0.003
50	B17B	0.725	0.723	0.002
50	B185B	0.725	0.718	0.007
50	A186B	0.724	0.724	0.000
50	A180B	0.726	0.720	0.006
50	A148B	0.724	0.724	0.000
50	A183B	0.725	0.722	0.003
50	A184B	0.725	0.723	0.002
50	A146B	0.726	0.723	0.003
50	A182B	0.726	0.723	0.003
50	A179UB	0.725	0.724	0.001
50	A176UB	0.726	0.723	0.003
50	A174UB	0.725	0.725	0.000
50	A172UB	0.725	0.725	0.000
50	A171UB	0.726	0.724	0.002
50	C41UB	0.728	0.726	0.002
50	C42UB	0.725	0.726	-0.001
50	C43UB	0.728	0.727	0.001
50	C44UB	0.725	0.726	-0.001
50	C46UB	0.728	0.725	0.003
50	C49UB	0.727	0.726	0.001
50	C50UB	0.727	0.725	0.002
50	B44UB	0.729	0.724	0.005
50	B40UB	0.728	0.725	0.003
50	B37UB	0.728	0.725	0.003
50	B32UB	0.729	0.725	0.004
50	B26UB	0.728	0.724	0.004
50	B39UB	0.720	0.720	0.000
50	B35UB	0.727	0.724	0.003
50	B80UB	0.727	0.723	0.004
50	A178UB	0.726	0.717	0.009
50	A173UB	0.726	0.725	0.001
	Max	0.729	0.727	0.009
	Average	0.726	0.724	0.002
	Min	0.720	0.717	-0.004
	Std Dev	0.002	0.002	0.002

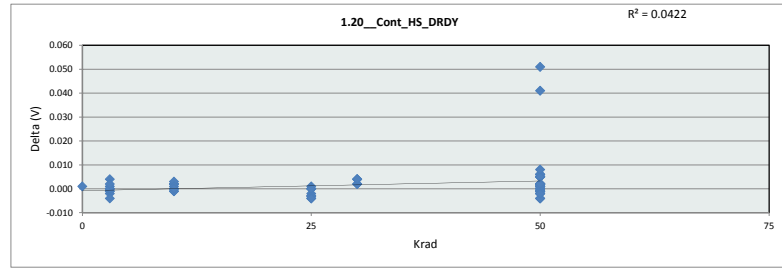


		1.19_Cont_HS_CLK		
Test Site	CLAB	CLAB	CLAB	
Tester	Eagle3	Eagle3	Eagle3	
Test Number	EF651300	EF651300	EF651300	
Max Limit	0.9	V	V	
Min Limit	0.3	V	V	

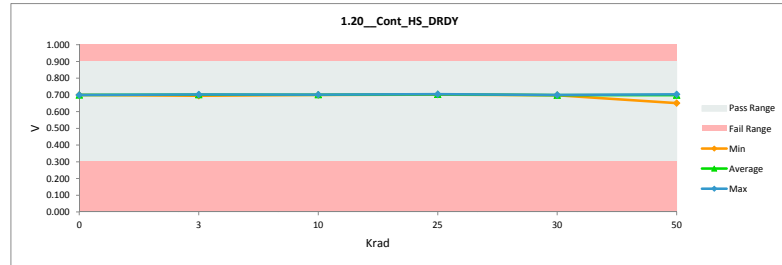
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.724	0.721	0.724	0.724	0.722	0.717
Average	0.724	0.726	0.725	0.726	0.722	0.723
Max	0.724	0.727	0.727	0.727	0.723	0.727
UL	0.900	0.900	0.900	0.900	0.900	0.900



1.20_Cont_HS_DRDY				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.701	0.700	-0.001
3	B48B	0.701	0.703	-0.002
3	B51B	0.701	0.702	-0.001
3	C60B	0.699	0.695	0.004
3	A162B	0.702	0.703	-0.001
3	A165B	0.699	0.703	-0.004
3	A155UB	0.703	0.702	0.001
3	A154UB	0.703	0.703	0.000
3	66UB	0.702	0.702	0.000
3	69UB	0.702	0.702	0.000
3	C72UB	0.704	0.702	0.002
10	B54B	0.703	0.701	0.002
10	B56B	0.701	0.702	-0.001
10	C61B	0.703	0.701	0.002
10	C62B	0.702	0.700	0.002
10	A160B	0.702	0.702	0.000
10	B70UB	0.702	0.702	0.000
10	B72UB	0.701	0.702	-0.001
10	C73UB	0.704	0.701	0.003
10	A145UB	0.701	0.700	0.001
10	A153UB	0.702	0.702	0.000
25	A158B	0.702	0.702	0.000
25	B59B	0.701	0.704	-0.003
25	B63B	0.702	0.704	-0.002
25	C64B	0.703	0.703	0.000
25	C68B	0.704	0.703	0.001
25	A152UB	0.702	0.705	-0.003
25	A150UB	0.702	0.705	-0.003
25	B1UB	0.700	0.704	-0.004
25	B4UB	0.701	0.705	-0.004
25	C74UB	0.703	0.703	0.000
30	AA158B	0.702	0.698	0.004
30	BB59B	0.701	0.699	0.002
30	BB63B	0.702	0.700	0.002
30	CC64B	0.703	0.699	0.004
30	CC68B	0.704	0.700	0.004
50	C32B	0.703	0.697	0.006
50	C33B	0.704	0.699	0.005
50	C34B	0.703	0.698	0.005
50	C39B	0.702	0.697	0.005
50	C78B	0.704	0.698	0.006
50	C79B	0.705	0.700	0.005
50	C80B	0.701	0.695	0.006
50	B14B	0.701	0.701	0.000
50	B15B	0.701	0.700	0.001
50	B18B	0.701	0.700	0.001
50	B10B	0.701	0.699	0.002
50	B11B	0.701	0.660	0.041
50	B13B	0.702	0.700	0.002
50	B17B	0.701	0.699	0.002
50	B185B	0.701	0.696	0.005
50	A186B	0.700	0.700	0.000
50	A180B	0.702	0.651	0.051
50	A148B	0.700	0.701	-0.001
50	A183B	0.702	0.700	0.002
50	A184B	0.702	0.701	0.001
50	A146B	0.702	0.700	0.002
50	A182B	0.702	0.700	0.002
50	A179UB	0.700	0.702	-0.002
50	A176UB	0.702	0.700	0.002
50	A174UB	0.702	0.703	-0.001
50	A172UB	0.701	0.703	-0.002
50	A171UB	0.703	0.702	0.001
50	C41UB	0.702	0.703	-0.001
50	C42UB	0.700	0.704	-0.004
50	C43UB	0.703	0.704	-0.001
50	C44UB	0.700	0.704	-0.004
50	C46UB	0.703	0.702	0.001
50	C49UB	0.703	0.704	-0.001
50	C50UB	0.703	0.703	0.000
50	B44UB	0.706	0.704	0.002
50	B40UB	0.704	0.703	0.001
50	B37UB	0.705	0.703	0.002
50	B32UB	0.705	0.703	0.002
50	B26UB	0.705	0.703	0.002
50	B39UB	0.697	0.698	-0.001
50	B35UB	0.704	0.703	0.001
50	B80UB	0.704	0.702	0.002
50	A178UB	0.701	0.693	0.008
50	A173UB	0.702	0.704	-0.002
Max		0.706	0.705	0.051
Average		0.702	0.700	0.002
Min		0.697	0.651	-0.004
Std Dev		0.002	0.008	0.008

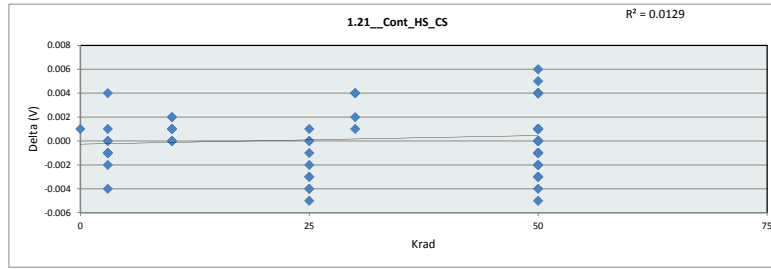


1.20_Cont_HS_DRDY						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.700	0.695	0.700	0.702	0.698	0.651
Average	0.700	0.702	0.701	0.704	0.699	0.699
Max	0.700	0.703	0.702	0.705	0.700	0.704
UL	0.900	0.900	0.900	0.900	0.900	0.900



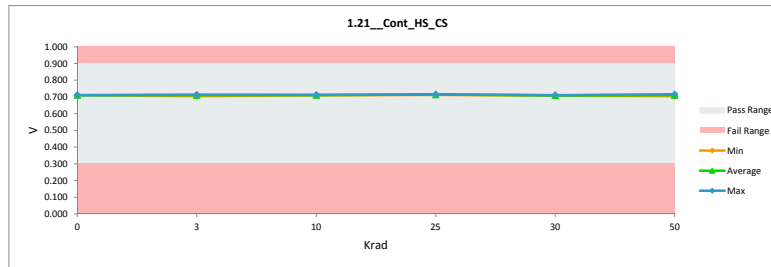
1.21_Cont_HS_CS		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Unit	V	V
Max Limit	0.9	0.9
Min Limit	0.3	0.3

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.712	0.711	0.001
3	B48B	0.711	0.713	-0.002
3	B51B	0.710	0.711	-0.001
3	C60B	0.709	0.705	0.004
3	A162B	0.711	0.712	-0.001
3	A165B	0.709	0.713	-0.004
3	A155UB	0.712	0.712	0.000
3	A154UB	0.712	0.712	0.000
3	66UB	0.712	0.713	-0.001
3	69UB	0.711	0.712	-0.001
3	C72UB	0.713	0.712	0.001
10	B54B	0.712	0.711	0.001
10	B56B	0.712	0.712	0.000
10	C61B	0.713	0.712	0.001
10	C62B	0.712	0.710	0.002
10	A160B	0.712	0.712	0.000
10	B70UB	0.712	0.712	0.000
10	B72UB	0.712	0.712	0.000
10	C73UB	0.713	0.711	0.002
10	A145UB	0.711	0.710	0.001
10	A153UB	0.712	0.712	0.000
25	A158B	0.712	0.712	0.000
25	B59B	0.711	0.714	-0.003
25	B63B	0.712	0.714	-0.002
25	C64B	0.712	0.713	-0.001
25	C68B	0.714	0.713	0.001
25	A152UB	0.712	0.715	-0.003
25	A150UB	0.710	0.714	-0.004
25	B1UB	0.711	0.716	-0.005
25	B4UB	0.711	0.715	-0.004
25	C74UB	0.713	0.713	0.000
30	AA156B	0.712	0.708	0.004
30	BB59B	0.711	0.709	0.002
30	BB63B	0.712	0.711	0.001
30	CC64B	0.712	0.708	0.004
30	CC68B	0.714	0.710	0.004
50	C32B	0.713	0.709	0.004
50	C33B	0.714	0.710	0.004
50	C34B	0.714	0.710	0.004
50	C39B	0.713	0.709	0.004
50	C78B	0.714	0.710	0.004
50	C79B	0.714	0.710	0.004
50	C80B	0.711	0.707	0.004
50	B14B	0.712	0.712	0.000
50	B15B	0.711	0.711	0.000
50	B18B	0.711	0.711	0.000
50	B10B	0.710	0.710	0.000
50	B11B	0.711	0.710	0.001
50	B13B	0.711	0.710	0.001
50	B17B	0.710	0.710	0.000
50	B185B	0.711	0.706	0.005
50	A186B	0.710	0.711	-0.001
50	A180B	0.712	0.708	0.004
50	A148B	0.711	0.712	-0.001
50	A183B	0.711	0.710	0.001
50	A184B	0.711	0.710	0.001
50	A146B	0.711	0.710	0.001
50	A182B	0.711	0.711	0.000
50	A179UB	0.710	0.713	-0.003
50	A176UB	0.711	0.711	0.000
50	A174UB	0.711	0.714	-0.003
50	A172UB	0.711	0.714	-0.003
50	A171UB	0.713	0.713	0.000
50	C41UB	0.713	0.714	-0.001
50	C42UB	0.711	0.716	-0.005
50	C43UB	0.714	0.715	-0.001
50	C44UB	0.711	0.715	-0.004
50	C46UB	0.712	0.713	-0.001
50	C49UB	0.713	0.715	-0.002
50	C50UB	0.712	0.713	-0.001
50	B44UB	0.714	0.713	0.001
50	B40UB	0.713	0.714	-0.001
50	B37UB	0.714	0.714	0.000
50	B32UB	0.715	0.714	0.001
50	B26UB	0.714	0.713	0.001
50	B39UB	0.707	0.709	-0.002
50	B35UB	0.714	0.714	0.000
50	B80UB	0.714	0.713	0.001
50	A178UB	0.711	0.705	0.006
50	A173UB	0.712	0.714	-0.002
	Max	0.715	0.716	0.006
	Average	0.712	0.712	0.000
	Min	0.707	0.705	-0.005
	Std Dev	0.001	0.002	0.002

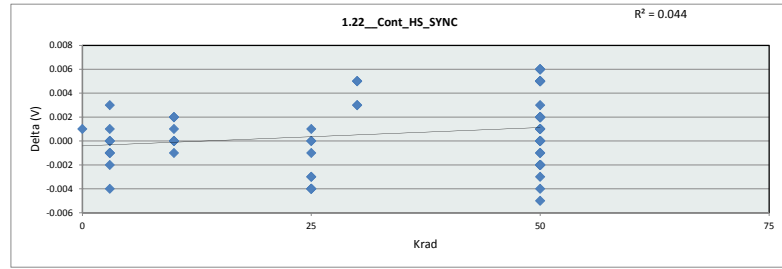


1.21_Cont_HS_CS		
Test Site	CLAB	
Tester	Eagle3	
Test Number	EF651300	
Max Limit	0.9	V
Min Limit	0.3	V

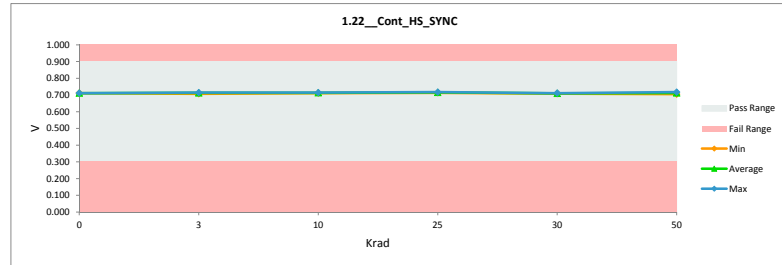
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.711	0.705	0.710	0.712	0.708	0.705
Average	0.711	0.712	0.711	0.714	0.709	0.712
Max	0.711	0.713	0.712	0.716	0.711	0.716
UL	0.900	0.900	0.900	0.900	0.900	0.900



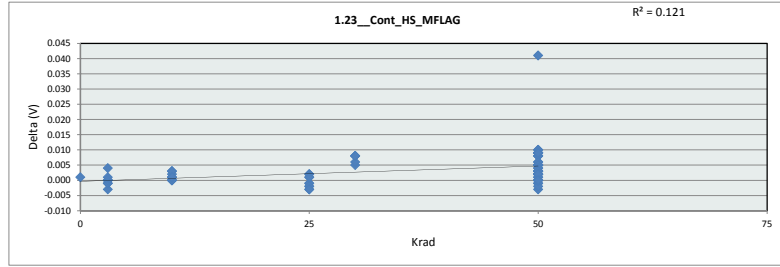
1.22_Cont_HS_SYNC				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.712	0.711	-0.001
3	B48B	0.712	0.714	-0.002
3	B51B	0.711	0.712	-0.001
3	C60B	0.710	0.707	0.003
3	A162B	0.713	0.713	0.000
3	A165B	0.710	0.714	-0.004
3	A155UB	0.714	0.714	0.000
3	A154UB	0.713	0.713	0.000
3	66UB	0.713	0.714	-0.001
3	69UB	0.712	0.713	-0.001
3	C72UB	0.714	0.713	0.001
10	B54B	0.714	0.712	0.002
10	B56B	0.712	0.713	-0.001
10	C61B	0.714	0.714	0.000
10	C62B	0.715	0.713	0.002
10	A160B	0.713	0.713	0.000
10	B70UB	0.713	0.713	0.000
10	B72UB	0.712	0.712	0.000
10	C73UB	0.715	0.713	0.002
10	A145UB	0.712	0.711	0.001
10	A153UB	0.714	0.714	0.000
25	A158B	0.713	0.713	0.000
25	B59B	0.711	0.715	-0.004
25	B63B	0.713	0.716	-0.003
25	C64B	0.714	0.714	0.000
25	C68B	0.716	0.715	0.001
25	A152UB	0.712	0.715	-0.003
25	A150UB	0.713	0.717	-0.004
25	B1UB	0.711	0.715	-0.004
25	B4UB	0.712	0.716	-0.004
25	C74UB	0.713	0.714	-0.001
30	AA158B	0.713	0.708	0.005
30	BB59B	0.711	0.708	0.003
30	BB63B	0.713	0.710	0.003
30	CC64B	0.714	0.709	0.005
30	CC68B	0.716	0.711	0.005
50	C32B	0.715	0.710	0.005
50	C33B	0.714	0.709	0.005
50	C34B	0.715	0.710	0.005
50	C39B	0.713	0.708	0.005
50	C78B	0.715	0.710	0.005
50	C79B	0.716	0.711	0.005
50	C80B	0.713	0.707	0.006
50	B14B	0.712	0.711	0.001
50	B15B	0.713	0.711	0.002
50	B18B	0.712	0.710	0.002
50	B10B	0.712	0.710	0.002
50	B11B	0.713	0.711	0.002
50	B13B	0.712	0.710	0.002
50	B17B	0.711	0.709	0.002
50	B185B	0.712	0.706	0.006
50	A186B	0.712	0.712	0.000
50	A180B	0.713	0.707	0.006
50	A148B	0.712	0.712	0.000
50	A183B	0.713	0.710	0.003
50	A184B	0.713	0.711	0.002
50	A146B	0.712	0.710	0.002
50	A182B	0.712	0.710	0.002
50	A179UB	0.711	0.713	-0.002
50	A176UB	0.712	0.712	0.000
50	A174UB	0.713	0.715	-0.002
50	A172UB	0.711	0.714	-0.003
50	A171UB	0.715	0.715	0.000
50	C41UB	0.714	0.716	-0.002
50	C42UB	0.712	0.717	-0.005
50	C43UB	0.715	0.716	-0.001
50	C44UB	0.711	0.715	-0.004
50	C46UB	0.713	0.715	-0.002
50	C49UB	0.714	0.716	-0.002
50	C50UB	0.713	0.715	-0.002
50	B44UB	0.716	0.715	0.001
50	B40UB	0.715	0.715	0.000
50	B37UB	0.716	0.715	0.001
50	B32UB	0.716	0.715	0.001
50	B26UB	0.715	0.715	0.000
50	B39UB	0.708	0.710	-0.002
50	B35UB	0.714	0.715	-0.001
50	B80UB	0.715	0.714	0.001
50	A178UB	0.711	0.705	0.006
50	A173UB	0.714	0.716	-0.002
	Max	0.716	0.717	0.006
	Average	0.713	0.712	0.001
	Min	0.708	0.705	-0.005
	Std Dev	0.002	0.003	0.003



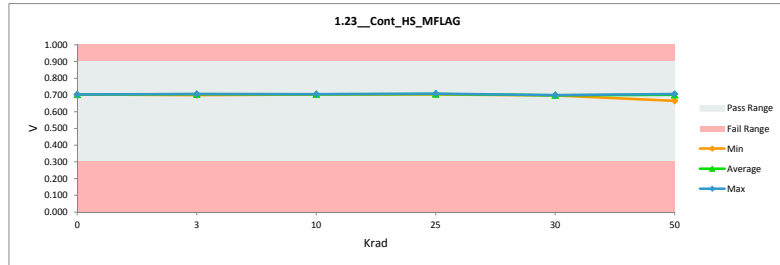
1.22_Cont_HS_SYNC						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.711	0.707	0.711	0.713	0.708	0.705
Average	0.711	0.713	0.713	0.715	0.709	0.712
Max	0.711	0.714	0.714	0.717	0.711	0.717
UL	0.900	0.900	0.900	0.900	0.900	0.900



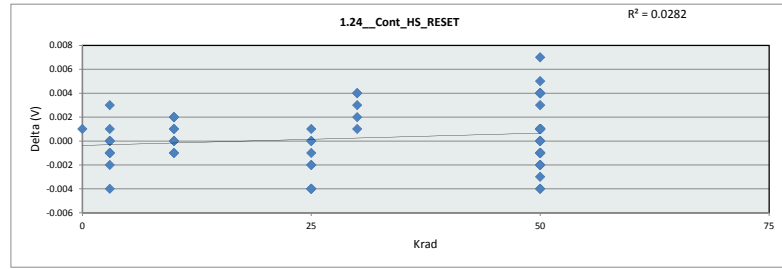
		1.23_Cont_HS_MFLAG		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.704	0.703	0.001
3	B48B	0.704	0.705	-0.001
3	B51B	0.705	0.705	0.000
3	C60B	0.703	0.699	0.004
3	A162B	0.705	0.705	0.000
3	A165B	0.702	0.705	-0.003
3	A155UB	0.706	0.706	0.000
3	A154UB	0.706	0.706	0.000
3	66UB	0.704	0.705	-0.001
3	69UB	0.705	0.705	0.000
3	C72UB	0.706	0.705	0.001
10	B54B	0.706	0.704	0.002
10	B56B	0.705	0.705	0.000
10	C61B	0.706	0.705	0.001
10	C62B	0.707	0.704	0.003
10	A160B	0.705	0.705	0.000
10	B70UB	0.705	0.705	0.000
10	B72UB	0.704	0.704	0.000
10	C73UB	0.707	0.704	0.003
10	A145UB	0.704	0.703	0.001
10	A153UB	0.706	0.705	0.001
25	A158B	0.705	0.703	0.002
25	B59B	0.704	0.706	-0.002
25	B63B	0.705	0.706	-0.001
25	C64B	0.706	0.705	0.001
25	C68B	0.707	0.705	0.002
25	A152UB	0.705	0.706	-0.001
25	A150UB	0.706	0.708	-0.002
25	B1UB	0.703	0.706	-0.003
25	B4UB	0.704	0.707	-0.003
25	C74UB	0.706	0.705	0.001
30	AA158B	0.705	0.697	0.008
30	BB59B	0.704	0.699	0.005
30	BB63B	0.705	0.699	0.006
30	CC64B	0.706	0.698	0.008
30	CC68B	0.707	0.699	0.008
50	C32B	0.707	0.698	0.009
50	C33B	0.707	0.699	0.008
50	C34B	0.706	0.698	0.008
50	C39B	0.706	0.697	0.009
50	C78B	0.707	0.697	0.010
50	C79B	0.707	0.699	0.008
50	C80B	0.706	0.696	0.010
50	B14B	0.704	0.700	0.004
50	B15B	0.705	0.700	0.005
50	B18B	0.704	0.699	0.005
50	B10B	0.704	0.699	0.005
50	B11B	0.705	0.700	0.005
50	B13B	0.704	0.699	0.005
50	B17B	0.704	0.698	0.006
50	B185B	0.704	0.695	0.009
50	A186B	0.704	0.701	0.003
50	A180B	0.705	0.696	0.009
50	A148B	0.703	0.700	0.003
50	A183B	0.705	0.700	0.005
50	A184B	0.706	0.665	0.041
50	A146B	0.706	0.700	0.006
50	A182B	0.705	0.700	0.005
50	A179UB	0.704	0.705	-0.001
50	A176UB	0.704	0.702	0.002
50	A174UB	0.706	0.706	0.000
50	A172UB	0.704	0.705	-0.001
50	A171UB	0.706	0.704	0.002
50	C41UB	0.706	0.705	0.001
50	C42UB	0.703	0.706	-0.003
50	C43UB	0.707	0.706	0.001
50	C44UB	0.703	0.705	-0.002
50	C46UB	0.706	0.704	0.002
50	C49UB	0.706	0.706	0.000
50	C50UB	0.706	0.706	0.000
50	B44UB	0.709	0.706	0.003
50	B40UB	0.707	0.705	0.002
50	B37UB	0.708	0.705	0.003
50	B32UB	0.709	0.705	0.004
50	B26UB	0.708	0.705	0.003
50	B39UB	0.700	0.700	0.000
50	B35UB	0.707	0.705	0.002
50	B80UB	0.707	0.705	0.002
50	A178UB	0.704	0.695	0.009
50	A173UB	0.705	0.705	0.000
	Max	0.709	0.708	0.041
	Average	0.705	0.702	0.003
	Min	0.700	0.665	-0.003
	Std Dev	0.002	0.005	0.006



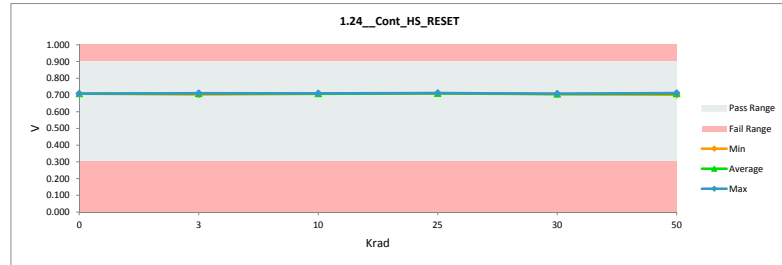
		1.23_Cont_HS_MFLAG					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	0.9	V					
Min Limit	0.3	V					
Krad	0	3	10	25	30	50	
LL	0.300	0.300	0.300	0.300	0.300	0.300	
Min	0.703	0.699	0.703	0.703	0.697	0.665	
Average	0.703	0.705	0.704	0.706	0.698	0.701	
Max	0.703	0.706	0.705	0.708	0.699	0.706	
UL	0.900	0.900	0.900	0.900	0.900	0.900	



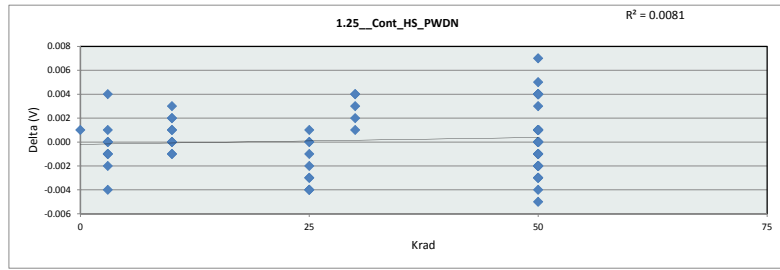
1.24_Cont_HS_RESET				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.709	0.708	0.001
3	B48B	0.707	0.709	-0.002
3	B51B	0.708	0.709	-0.001
3	C60B	0.706	0.703	0.003
3	A162B	0.707	0.708	-0.001
3	A165B	0.707	0.711	-0.004
3	A155UB	0.709	0.709	0.000
3	A154UB	0.709	0.709	0.000
3	66UB	0.709	0.710	-0.001
3	69UB	0.708	0.708	0.000
3	C72UB	0.710	0.709	0.001
10	B54B	0.709	0.707	0.002
10	B56B	0.708	0.709	-0.001
10	C61B	0.711	0.710	0.001
10	C62B	0.709	0.707	0.002
10	A160B	0.709	0.709	0.000
10	B70UB	0.708	0.709	-0.001
10	B72UB	0.708	0.708	0.000
10	C73UB	0.711	0.709	0.002
10	A145UB	0.708	0.707	0.001
10	A153UB	0.709	0.709	0.000
25	A158B	0.710	0.709	0.001
25	B59B	0.707	0.711	-0.004
25	B63B	0.709	0.711	-0.002
25	C64B	0.709	0.710	-0.001
25	C68B	0.711	0.711	0.000
25	A152UB	0.710	0.712	-0.002
25	A150UB	0.707	0.711	-0.004
25	B1UB	0.707	0.711	-0.004
25	B4UB	0.708	0.712	-0.004
25	C74UB	0.710	0.710	0.000
30	AA158B	0.710	0.706	0.004
30	BB59B	0.707	0.706	0.001
30	BB63B	0.709	0.707	0.002
30	CC64B	0.709	0.705	0.004
30	CC68B	0.711	0.708	0.003
50	C32B	0.710	0.706	0.004
50	C33B	0.710	0.706	0.004
50	C34B	0.711	0.707	0.004
50	C39B	0.709	0.705	0.004
50	C78B	0.711	0.707	0.004
50	C79B	0.711	0.708	0.003
50	C80B	0.708	0.704	0.004
50	B14B	0.708	0.708	0.000
50	B15B	0.709	0.708	0.001
50	B18B	0.709	0.709	0.000
50	B10B	0.709	0.708	0.001
50	B11B	0.708	0.707	0.001
50	B13B	0.709	0.708	0.001
50	B17B	0.708	0.707	0.001
50	B185B	0.709	0.704	0.005
50	A186B	0.707	0.708	-0.001
50	A180B	0.708	0.704	0.004
50	A148B	0.708	0.709	-0.001
50	A183B	0.709	0.708	0.001
50	A184B	0.708	0.707	0.001
50	A146B	0.708	0.707	0.001
50	A182B	0.707	0.706	0.001
50	A179UB	0.706	0.709	-0.003
50	A176UB	0.709	0.709	0.000
50	A174UB	0.709	0.711	-0.002
50	A172UB	0.707	0.709	-0.002
50	A171UB	0.709	0.710	-0.001
50	C41UB	0.710	0.711	-0.001
50	C42UB	0.708	0.712	-0.004
50	C43UB	0.711	0.712	-0.001
50	C44UB	0.708	0.712	-0.004
50	C46UB	0.710	0.711	-0.001
50	C49UB	0.710	0.711	-0.001
50	C50UB	0.709	0.711	-0.002
50	B44UB	0.711	0.710	0.001
50	B40UB	0.711	0.711	0.000
50	B37UB	0.712	0.711	0.001
50	B32UB	0.711	0.710	0.001
50	B26UB	0.712	0.711	0.001
50	B39UB	0.705	0.706	-0.001
50	B35UB	0.711	0.710	0.001
50	B80UB	0.711	0.710	0.001
50	A178UB	0.708	0.701	0.007
50	A173UB	0.709	0.711	-0.002
	Max	0.712	0.712	0.007
	Average	0.709	0.709	0.000
	Min	0.705	0.701	-0.004
	Std Dev	0.001	0.002	0.002



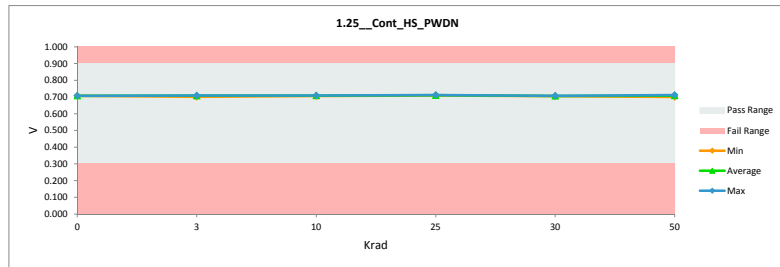
1.24_Cont_HS_RESET						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.708	0.703	0.707	0.709	0.705	0.701
Average	0.708	0.709	0.708	0.711	0.706	0.708
Max	0.708	0.711	0.710	0.712	0.708	0.712
UL	0.900	0.900	0.900	0.900	0.900	0.900



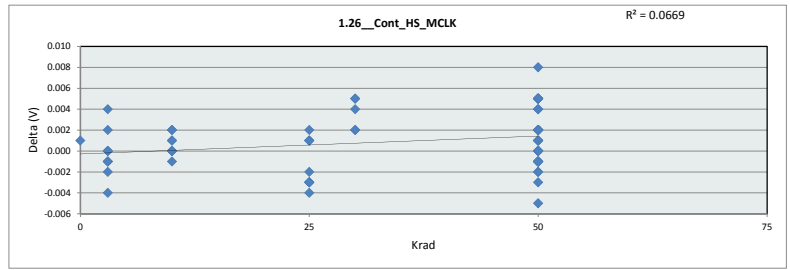
		1.25_Cont_HS_PWDN		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.708	0.707	0.001
3	B48B	0.707	0.709	-0.002
3	B51B	0.707	0.708	-0.001
3	C60B	0.705	0.701	0.004
3	A162B	0.708	0.708	0.000
3	A165B	0.705	0.709	-0.004
3	A155UB	0.709	0.709	0.000
3	A154UB	0.709	0.709	0.000
3	66UB	0.708	0.709	-0.001
3	69UB	0.707	0.708	-0.001
3	C72UB	0.710	0.709	0.001
10	B54B	0.709	0.707	0.002
10	B56B	0.707	0.708	-0.001
10	C61B	0.710	0.709	0.001
10	C62B	0.710	0.707	0.003
10	A160B	0.709	0.709	0.000
10	B70UB	0.708	0.708	0.000
10	B72UB	0.708	0.709	-0.001
10	C73UB	0.711	0.709	0.002
10	A145UB	0.706	0.706	0.000
10	A153UB	0.709	0.708	0.001
25	A158B	0.709	0.709	0.000
25	B59B	0.707	0.710	-0.003
25	B63B	0.709	0.711	-0.002
25	C64B	0.710	0.710	0.000
25	C68B	0.710	0.709	0.001
25	A152UB	0.709	0.712	-0.003
25	A150UB	0.707	0.711	-0.004
25	B1UB	0.707	0.711	-0.004
25	B4UB	0.708	0.712	-0.004
25	C74UB	0.709	0.710	-0.001
30	AA158B	0.709	0.705	0.004
30	BB59B	0.707	0.706	0.001
30	BB63B	0.709	0.707	0.002
30	CC64B	0.710	0.706	0.004
30	CC68B	0.710	0.707	0.003
50	C32B	0.710	0.706	0.004
50	C33B	0.710	0.706	0.004
50	C34B	0.711	0.707	0.004
50	C39B	0.710	0.706	0.004
50	C78B	0.711	0.707	0.004
50	C79B	0.711	0.708	0.003
50	C80B	0.707	0.703	0.004
50	B14B	0.707	0.707	0.000
50	B15B	0.709	0.709	0.000
50	B18B	0.708	0.708	0.000
50	B10B	0.708	0.707	0.001
50	B11B	0.706	0.706	0.000
50	B13B	0.708	0.708	0.000
50	B17B	0.707	0.706	0.001
50	B185B	0.708	0.703	0.005
50	A186B	0.706	0.707	-0.001
50	A180B	0.707	0.703	0.004
50	A148B	0.706	0.708	-0.002
50	A183B	0.708	0.707	0.001
50	A184B	0.708	0.707	0.001
50	A146B	0.708	0.707	0.001
50	A182B	0.707	0.706	0.001
50	A179UB	0.706	0.709	-0.003
50	A176UB	0.708	0.708	0.000
50	A174UB	0.708	0.711	-0.003
50	A172UB	0.707	0.710	-0.003
50	A171UB	0.709	0.710	-0.001
50	C41UB	0.710	0.711	-0.001
50	C42UB	0.707	0.712	-0.005
50	C43UB	0.709	0.711	-0.002
50	C44UB	0.707	0.711	-0.004
50	C46UB	0.709	0.710	-0.001
50	C49UB	0.709	0.711	-0.002
50	C50UB	0.709	0.711	-0.002
50	B44UB	0.712	0.711	0.001
50	B40UB	0.711	0.711	0.000
50	B37UB	0.711	0.710	0.001
50	B32UB	0.710	0.710	0.000
50	B26UB	0.711	0.711	0.000
50	B39UB	0.704	0.706	-0.002
50	B35UB	0.710	0.710	0.000
50	B80UB	0.711	0.710	0.001
50	A178UB	0.707	0.700	0.007
50	A173UB	0.709	0.711	-0.002
	Max	0.712	0.712	0.007
	Average	0.708	0.708	0.000
	Min	0.704	0.700	-0.005
	Std Dev	0.002	0.002	0.002



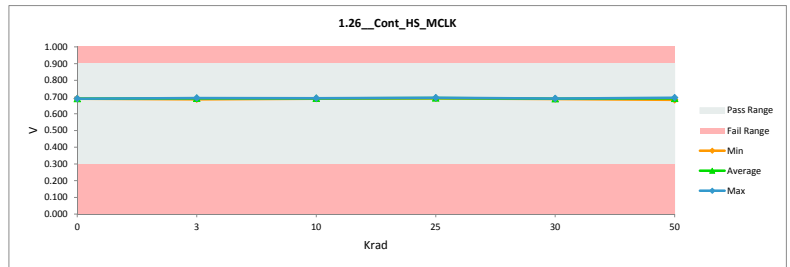
		1.25_Cont_HS_PWDN					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	0.9	V					
Min Limit	0.3	V					
Krad	0	3	10	25	30	50	
LL	0.300	0.300	0.300	0.300	0.300	0.300	
Min	0.707	0.701	0.706	0.709	0.705	0.700	
Average	0.707	0.708	0.708	0.711	0.706	0.708	
Max	0.707	0.709	0.709	0.712	0.707	0.712	
UL	0.900	0.900	0.900	0.900	0.900	0.900	



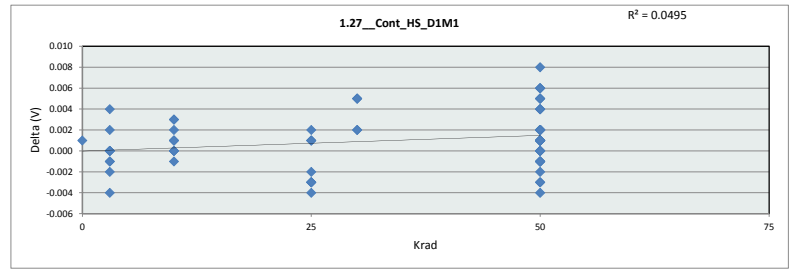
		1.26_Cont_HS_MCLK		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.691	0.690	0.001
3	B48B	0.691	0.693	-0.002
3	B51B	0.692	0.693	-0.001
3	C60B	0.690	0.686	0.004
3	A162B	0.693	0.693	0.000
3	A165B	0.689	0.693	-0.004
3	A155UB	0.693	0.693	0.000
3	A154UB	0.694	0.694	0.000
3	66UB	0.692	0.693	-0.001
3	69UB	0.692	0.693	-0.001
3	C72UB	0.694	0.692	0.002
10	B54B	0.693	0.692	0.001
10	B56B	0.693	0.693	0.000
10	C61B	0.693	0.692	0.001
10	C62B	0.692	0.690	0.002
10	A160B	0.693	0.693	0.000
10	B70UB	0.692	0.692	0.000
10	B72UB	0.691	0.692	-0.001
10	C73UB	0.693	0.691	0.002
10	A145UB	0.691	0.691	0.000
10	A153UB	0.693	0.693	0.000
25	A158B	0.693	0.692	0.001
25	B59B	0.692	0.695	-0.003
25	B63B	0.693	0.695	-0.002
25	C64B	0.693	0.692	0.001
25	C68B	0.695	0.693	0.002
25	A152UB	0.693	0.696	-0.003
25	A150UB	0.692	0.695	-0.003
25	B1UB	0.691	0.695	-0.004
25	B4UB	0.693	0.696	-0.003
25	C74UB	0.694	0.693	0.001
30	AA158B	0.693	0.689	0.004
30	BB59B	0.692	0.690	0.002
30	BB63B	0.693	0.691	0.002
30	CC64B	0.693	0.688	0.005
30	CC68B	0.695	0.690	0.005
50	C32B	0.693	0.688	0.005
50	C33B	0.694	0.690	0.004
50	C34B	0.694	0.689	0.005
50	C39B	0.694	0.689	0.005
50	C78B	0.694	0.689	0.005
50	C79B	0.694	0.690	0.004
50	C80B	0.691	0.686	0.005
50	B14B	0.692	0.691	0.001
50	B15B	0.692	0.692	0.000
50	B18B	0.692	0.691	0.001
50	B10B	0.692	0.690	0.002
50	B11B	0.692	0.691	0.001
50	B13B	0.692	0.690	0.002
50	B17B	0.691	0.689	0.002
50	B185B	0.692	0.687	0.005
50	A186B	0.691	0.691	0.000
50	A180B	0.693	0.688	0.005
50	A148B	0.691	0.691	0.000
50	A183B	0.693	0.691	0.002
50	A184B	0.693	0.691	0.002
50	A146B	0.693	0.691	0.002
50	A182B	0.693	0.691	0.002
50	A179UB	0.691	0.693	-0.002
50	A176UB	0.693	0.691	0.002
50	A174UB	0.694	0.695	-0.001
50	A172UB	0.692	0.694	-0.002
50	A171UB	0.693	0.693	0.000
50	C41UB	0.693	0.694	-0.001
50	C42UB	0.691	0.696	-0.005
50	C43UB	0.693	0.694	-0.001
50	C44UB	0.691	0.694	-0.003
50	C46UB	0.692	0.692	0.000
50	C49UB	0.694	0.695	-0.001
50	C50UB	0.694	0.694	0.000
50	B44UB	0.696	0.694	0.002
50	B40UB	0.694	0.694	0.000
50	B37UB	0.696	0.694	0.002
50	B32UB	0.696	0.694	0.002
50	B26UB	0.696	0.694	0.002
50	B39UB	0.688	0.689	-0.001
50	B35UB	0.694	0.693	0.001
50	B80UB	0.695	0.693	0.002
50	A178UB	0.691	0.683	0.008
50	A173UB	0.693	0.694	-0.001
	Max	0.696	0.696	0.008
	Average	0.693	0.692	0.001
	Min	0.688	0.683	-0.005
	Std Dev	0.001	0.002	0.003



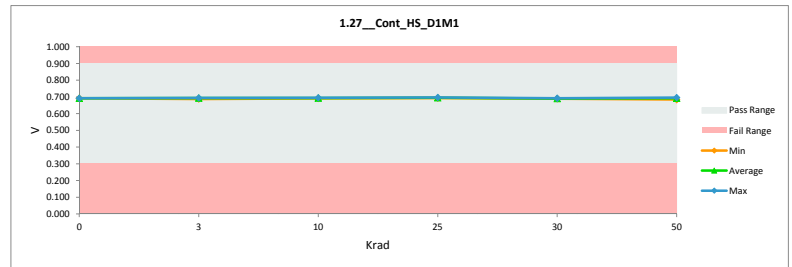
		1.26_Cont_HS_MCLK					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	0.9	V					
Min Limit	0.3	V					
Krad	0	3	10	25	30	50	
LL	0.300	0.300	0.300	0.300	0.300	0.300	
Min	0.690	0.686	0.690	0.692	0.688	0.683	
Average	0.690	0.692	0.692	0.694	0.690	0.691	
Max	0.690	0.694	0.693	0.696	0.691	0.696	
UL	0.900	0.900	0.900	0.900	0.900	0.900	



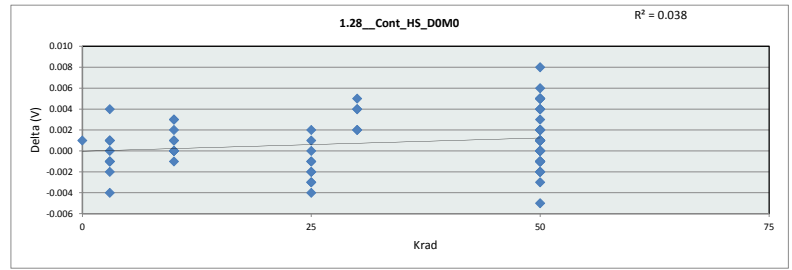
1.27_Cont_HS_D1M1				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.693	0.692	0.001
3	B48B	0.692	0.694	-0.002
3	B51B	0.693	0.694	-0.001
3	C60B	0.691	0.687	0.004
3	A162B	0.693	0.693	0.000
3	A165B	0.690	0.694	-0.004
3	A155UB	0.694	0.694	0.000
3	A154UB	0.694	0.694	0.000
3	66UB	0.693	0.694	-0.001
3	69UB	0.693	0.693	0.000
3	C72UB	0.695	0.693	0.002
10	B54B	0.695	0.693	0.002
10	B56B	0.693	0.694	-0.001
10	C61B	0.694	0.693	0.001
10	C62B	0.695	0.692	0.003
10	A160B	0.694	0.693	0.001
10	B70UB	0.694	0.694	0.000
10	B72UB	0.693	0.693	0.000
10	C73UB	0.695	0.692	0.003
10	A145UB	0.692	0.691	0.001
10	A153UB	0.695	0.695	0.000
25	A158B	0.694	0.693	0.001
25	B59B	0.693	0.696	-0.003
25	B63B	0.694	0.696	-0.002
25	C64B	0.694	0.693	0.001
25	C68B	0.695	0.693	0.002
25	A152UB	0.694	0.697	-0.003
25	A150UB	0.693	0.696	-0.003
25	B1UB	0.692	0.696	-0.004
25	B4UB	0.693	0.696	-0.003
25	C74UB	0.695	0.694	0.001
30	AA158B	0.694	0.689	0.005
30	BB59B	0.693	0.691	0.002
30	BB63B	0.694	0.692	0.002
30	CC64B	0.694	0.689	0.005
30	CC68B	0.695	0.690	0.005
50	C32B	0.694	0.688	0.006
50	C33B	0.695	0.691	0.004
50	C34B	0.695	0.690	0.005
50	C39B	0.695	0.689	0.006
50	C78B	0.695	0.690	0.005
50	C79B	0.696	0.692	0.004
50	C80B	0.693	0.687	0.006
50	B14B	0.693	0.692	0.001
50	B15B	0.693	0.692	0.001
50	B18B	0.693	0.692	0.001
50	B10B	0.693	0.692	0.001
50	B11B	0.693	0.692	0.001
50	B13B	0.693	0.691	0.002
50	B17B	0.692	0.690	0.002
50	B185B	0.693	0.688	0.005
50	A186B	0.692	0.693	-0.001
50	A180B	0.693	0.689	0.004
50	A148B	0.692	0.693	-0.001
50	A183B	0.694	0.693	0.001
50	A184B	0.694	0.693	0.001
50	A146B	0.694	0.692	0.002
50	A182B	0.694	0.692	0.002
50	A179UB	0.692	0.695	-0.003
50	A176UB	0.693	0.692	0.001
50	A174UB	0.694	0.695	-0.001
50	A172UB	0.693	0.694	-0.001
50	A171UB	0.695	0.695	0.000
50	C41UB	0.695	0.695	0.000
50	C42UB	0.692	0.696	-0.004
50	C43UB	0.694	0.694	0.000
50	C44UB	0.692	0.695	-0.003
50	C46UB	0.694	0.693	0.001
50	C49UB	0.695	0.695	0.000
50	C50UB	0.694	0.694	0.000
50	B44UB	0.697	0.695	0.002
50	B40UB	0.695	0.694	0.001
50	B37UB	0.696	0.694	0.002
50	B32UB	0.696	0.694	0.002
50	B26UB	0.696	0.694	0.002
50	B39UB	0.688	0.690	-0.002
50	B35UB	0.695	0.694	0.001
50	B80UB	0.696	0.694	0.002
50	A178UB	0.692	0.684	0.008
50	A173UB	0.694	0.695	-0.001
	Max	0.697	0.697	0.008
	Average	0.694	0.693	0.001
	Min	0.688	0.684	-0.004
	Std Dev	0.001	0.002	0.003



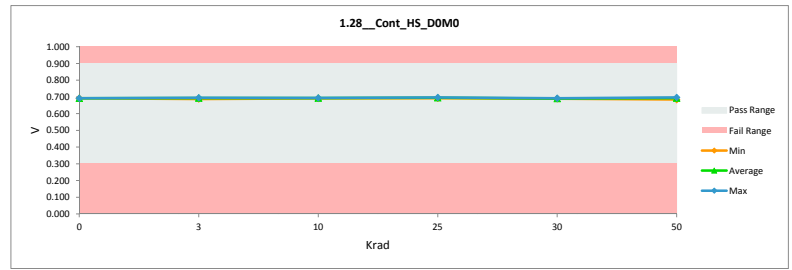
1.27_Cont_HS_D1M1						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.692	0.687	0.691	0.693	0.689	0.684
Average	0.692	0.693	0.693	0.695	0.690	0.692
Max	0.692	0.694	0.695	0.697	0.692	0.696
UL	0.900	0.900	0.900	0.900	0.900	0.900



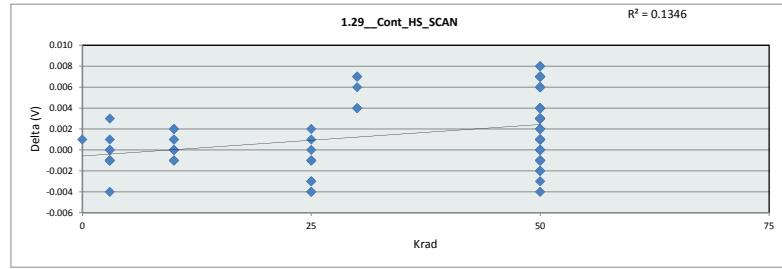
		1.28_Cont_HS_DOMO		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.693	0.692	-0.001
3	B48B	0.692	0.694	-0.002
3	B51B	0.693	0.694	-0.001
3	C60B	0.691	0.687	0.004
3	A162B	0.694	0.694	0.000
3	A165B	0.690	0.694	-0.004
3	A155UB	0.695	0.694	0.001
3	A154UB	0.695	0.694	0.001
3	66UB	0.694	0.695	-0.001
3	69UB	0.693	0.694	-0.001
3	C72UB	0.695	0.694	0.001
10	B54B	0.695	0.693	0.002
10	B56B	0.693	0.694	-0.001
10	C61B	0.694	0.693	0.001
10	C62B	0.695	0.692	0.003
10	A160B	0.693	0.693	0.000
10	B70UB	0.694	0.694	0.000
10	B72UB	0.693	0.693	0.000
10	C73UB	0.695	0.692	0.003
10	A145UB	0.692	0.691	0.001
10	A153UB	0.694	0.694	0.000
25	A158B	0.694	0.692	0.002
25	B59B	0.693	0.695	-0.002
25	B63B	0.694	0.695	-0.001
25	C64B	0.693	0.694	-0.001
25	C68B	0.695	0.694	0.001
25	A152UB	0.695	0.697	-0.002
25	A150UB	0.694	0.697	-0.003
25	B1UB	0.692	0.696	-0.004
25	B4UB	0.693	0.696	-0.003
25	C74UB	0.695	0.695	0.000
30	AA158B	0.694	0.689	0.005
30	BB59B	0.693	0.691	0.002
30	BB63B	0.694	0.692	0.002
30	CC64B	0.693	0.689	0.004
30	CC68B	0.695	0.691	0.004
50	C32B	0.694	0.689	0.005
50	C33B	0.696	0.692	0.004
50	C34B	0.695	0.690	0.005
50	C39B	0.695	0.690	0.005
50	C78B	0.695	0.690	0.005
50	C79B	0.696	0.692	0.004
50	C80B	0.693	0.687	0.006
50	B14B	0.692	0.693	-0.001
50	B15B	0.694	0.693	0.001
50	B18B	0.693	0.693	0.000
50	B10B	0.693	0.693	0.000
50	B11B	0.693	0.692	0.001
50	B13B	0.693	0.691	0.002
50	B17B	0.692	0.691	0.001
50	B185B	0.693	0.689	0.004
50	A186B	0.693	0.694	-0.001
50	A180B	0.694	0.689	0.005
50	A148B	0.691	0.692	-0.001
50	A183B	0.694	0.693	0.001
50	A184B	0.694	0.693	0.001
50	A146B	0.694	0.692	0.002
50	A182B	0.694	0.693	0.001
50	A179UB	0.692	0.694	-0.002
50	A176UB	0.693	0.691	0.002
50	A174UB	0.694	0.696	-0.002
50	A172UB	0.692	0.693	-0.001
50	A171UB	0.694	0.694	0.000
50	C41UB	0.694	0.694	0.000
50	C42UB	0.692	0.697	-0.005
50	C43UB	0.695	0.695	0.000
50	C44UB	0.691	0.694	-0.003
50	C46UB	0.694	0.693	0.001
50	C49UB	0.695	0.696	-0.001
50	C50UB	0.695	0.695	0.000
50	B44UB	0.697	0.695	0.002
50	B40UB	0.696	0.695	0.001
50	B37UB	0.697	0.695	0.002
50	B32UB	0.697	0.694	0.003
50	B26UB	0.697	0.696	0.001
50	B39UB	0.689	0.690	-0.001
50	B35UB	0.695	0.695	0.000
50	B80UB	0.696	0.694	0.002
50	A178UB	0.692	0.684	0.008
50	A173UB	0.694	0.696	-0.002
Max	0.697	0.697	0.008	
Average	0.694	0.693	0.001	
Min	0.689	0.684	-0.005	
Std Dev	0.002	0.002	0.002	



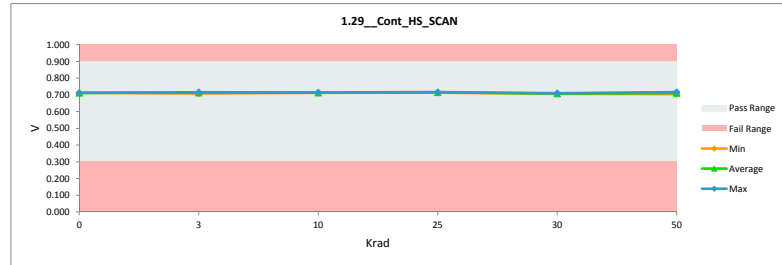
		1.28_Cont_HS_DOMO			
Test Site	CLAB				
Tester	Eagle3				
Test Number	EF651300				
Max Limit	0.9	V			
Min Limit	0.3	V			
Krad	0	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300
Min	0.692	0.687	0.691	0.692	0.689
Average	0.692	0.693	0.693	0.695	0.690
Max	0.692	0.695	0.694	0.697	0.692
UL	0.900	0.900	0.900	0.900	0.900



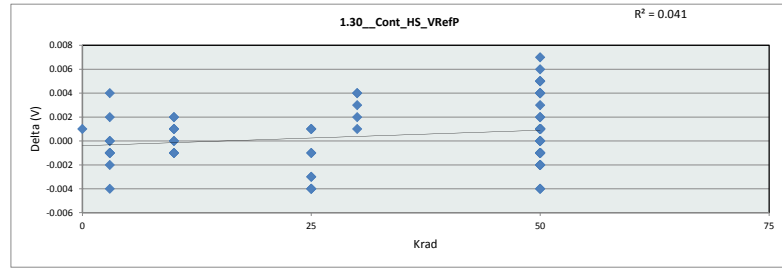
1.29_Cont_HS_SCAN				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.713	0.712	0.001
3	B48B	0.713	0.714	-0.001
3	B51B	0.712	0.713	-0.001
3	C60B	0.711	0.708	0.003
3	A162B	0.712	0.713	-0.001
3	A165B	0.711	0.715	-0.004
3	A155UB	0.716	0.716	0.000
3	A154UB	0.714	0.714	0.000
3	66UB	0.713	0.714	-0.001
3	69UB	0.713	0.714	-0.001
3	C72UB	0.715	0.714	0.001
10	B54B	0.714	0.713	0.001
10	B56B	0.713	0.714	-0.001
10	C61B	0.715	0.714	0.001
10	C62B	0.715	0.713	0.002
10	A160B	0.714	0.714	0.000
10	B70UB	0.714	0.715	-0.001
10	B72UB	0.712	0.713	-0.001
10	C73UB	0.716	0.714	0.002
10	A145UB	0.712	0.712	0.000
10	A153UB	0.714	0.714	0.000
25	A158B	0.714	0.713	0.001
25	B59B	0.713	0.716	-0.003
25	B63B	0.714	0.715	-0.001
25	C64B	0.714	0.715	-0.001
25	C68B	0.716	0.714	0.002
25	A152UB	0.714	0.715	-0.001
25	A150UB	0.714	0.717	-0.003
25	B1UB	0.712	0.716	-0.004
25	B4UB	0.712	0.716	-0.004
25	C74UB	0.714	0.714	0.000
30	AA158B	0.714	0.707	0.007
30	BB59B	0.713	0.709	0.004
30	BB63B	0.714	0.710	0.004
30	CC64B	0.714	0.708	0.006
30	CC68B	0.716	0.709	0.007
50	C32B	0.717	0.710	0.007
50	C33B	0.715	0.709	0.006
50	C34B	0.715	0.709	0.006
50	C39B	0.714	0.707	0.007
50	C78B	0.716	0.709	0.007
50	C79B	0.716	0.710	0.006
50	C80B	0.714	0.706	0.008
50	B14B	0.713	0.710	0.003
50	B15B	0.714	0.711	0.003
50	B18B	0.713	0.710	0.003
50	B10B	0.714	0.710	0.004
50	B11B	0.714	0.711	0.003
50	B13B	0.714	0.710	0.004
50	B17B	0.712	0.709	0.003
50	B185B	0.713	0.705	0.008
50	A186B	0.712	0.711	0.001
50	A180B	0.713	0.706	0.007
50	A148B	0.712	0.711	0.001
50	A183B	0.713	0.709	0.004
50	A184B	0.714	0.711	0.003
50	A146B	0.714	0.710	0.004
50	A182B	0.713	0.709	0.004
50	A179UB	0.712	0.713	-0.001
50	A176UB	0.713	0.712	0.001
50	A174UB	0.714	0.715	-0.001
50	A172UB	0.712	0.713	-0.001
50	A171UB	0.715	0.715	0.000
50	C41UB	0.715	0.715	0.000
50	C42UB	0.712	0.716	-0.004
50	C43UB	0.716	0.717	-0.001
50	C44UB	0.712	0.715	-0.003
50	C46UB	0.714	0.714	0.000
50	C49UB	0.714	0.715	-0.001
50	C50UB	0.715	0.715	0.000
50	B44UB	0.717	0.714	0.003
50	B40UB	0.716	0.716	0.000
50	B37UB	0.716	0.714	0.002
50	B32UB	0.716	0.714	0.002
50	B26UB	0.716	0.714	0.002
50	B39UB	0.709	0.711	-0.002
50	B35UB	0.715	0.714	0.001
50	B80UB	0.716	0.715	0.001
50	A178UB	0.713	0.706	0.007
50	A173UB	0.714	0.716	-0.002
Max		0.717	0.717	0.008
Average		0.714	0.712	0.001
Min		0.709	0.705	-0.004
Std Dev		0.002	0.003	0.003



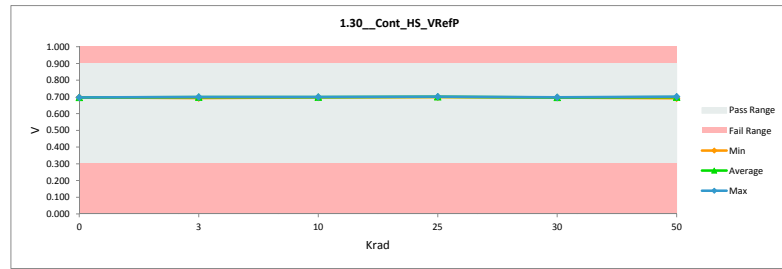
1.29_Cont_HS_SCAN						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.712	0.708	0.712	0.713	0.707	0.705
Average	0.712	0.714	0.714	0.715	0.709	0.712
Max	0.712	0.716	0.715	0.717	0.710	0.717
UL	0.900	0.900	0.900	0.900	0.900	0.900



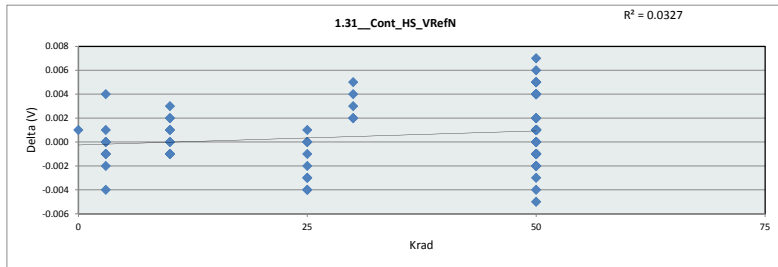
1.30_Cont_HS_VRefP				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.698	0.697	-0.001
3	B48B	0.698	0.700	-0.002
3	B51B	0.697	0.698	-0.001
3	C60B	0.697	0.693	0.004
3	A162B	0.698	0.699	-0.001
3	A165B	0.696	0.700	-0.004
3	A155UB	0.700	0.700	0.000
3	A154UB	0.699	0.699	0.000
3	66UB	0.699	0.700	-0.001
3	69UB	0.698	0.699	-0.001
3	C72UB	0.701	0.699	0.002
10	B54B	0.700	0.699	0.001
10	B56B	0.698	0.699	-0.001
10	C61B	0.701	0.700	0.001
10	C62B	0.701	0.699	0.002
10	A160B	0.700	0.700	0.000
10	B70UB	0.699	0.700	-0.001
10	B72UB	0.698	0.699	-0.001
10	C73UB	0.701	0.699	0.002
10	A145UB	0.698	0.697	0.001
10	A153UB	0.700	0.700	0.000
25	A158B	0.700	0.699	0.001
25	B59B	0.697	0.700	-0.003
25	B63B	0.700	0.701	-0.001
25	C64B	0.700	0.701	-0.001
25	C68B	0.701	0.700	0.001
25	A152UB	0.699	0.702	-0.003
25	A150UB	0.698	0.702	-0.004
25	B1UB	0.698	0.702	-0.004
25	B4UB	0.698	0.702	-0.004
25	C74UB	0.701	0.700	0.001
30	AA158B	0.700	0.696	0.004
30	BB59B	0.697	0.696	0.001
30	BB63B	0.700	0.698	0.002
30	CC64B	0.700	0.697	0.003
30	CC68B	0.701	0.697	0.004
50	C32B	0.701	0.697	0.004
50	C33B	0.701	0.697	0.004
50	C34B	0.702	0.697	0.005
50	C39B	0.701	0.697	0.004
50	C78B	0.702	0.697	0.005
50	C79B	0.701	0.698	0.003
50	C80B	0.700	0.695	0.005
50	B14B	0.698	0.698	0.000
50	B15B	0.700	0.699	0.001
50	B18B	0.699	0.698	0.001
50	B10B	0.698	0.698	0.000
50	B11B	0.699	0.698	0.001
50	B13B	0.699	0.698	0.001
50	B17B	0.698	0.697	0.001
50	B185B	0.699	0.693	0.006
50	A186B	0.699	0.700	-0.001
50	A180B	0.699	0.695	0.004
50	A148B	0.698	0.699	-0.001
50	A183B	0.699	0.698	0.001
50	A184B	0.699	0.698	0.001
50	A146B	0.699	0.698	0.001
50	A182B	0.699	0.698	0.001
50	A179UB	0.698	0.700	-0.002
50	A176UB	0.699	0.698	0.001
50	A174UB	0.699	0.701	-0.002
50	A172UB	0.699	0.701	-0.002
50	A171UB	0.701	0.701	0.000
50	C41UB	0.700	0.701	-0.001
50	C42UB	0.698	0.702	-0.004
50	C43UB	0.701	0.702	-0.001
50	C44UB	0.698	0.702	-0.004
50	C46UB	0.700	0.701	-0.001
50	C49UB	0.700	0.701	-0.001
50	C50UB	0.701	0.702	-0.001
50	B44UB	0.702	0.700	0.002
50	B40UB	0.701	0.701	0.000
50	B37UB	0.702	0.701	0.001
50	B32UB	0.702	0.701	0.001
50	B26UB	0.702	0.700	0.002
50	B39UB	0.694	0.696	-0.002
50	B35UB	0.701	0.700	0.001
50	B80UB	0.701	0.700	0.001
50	A178UB	0.699	0.692	0.007
50	A173UB	0.700	0.701	-0.001
	Max	0.702	0.702	0.007
	Average	0.699	0.699	0.000
	Min	0.694	0.692	-0.004
	Std Dev	0.002	0.002	0.002



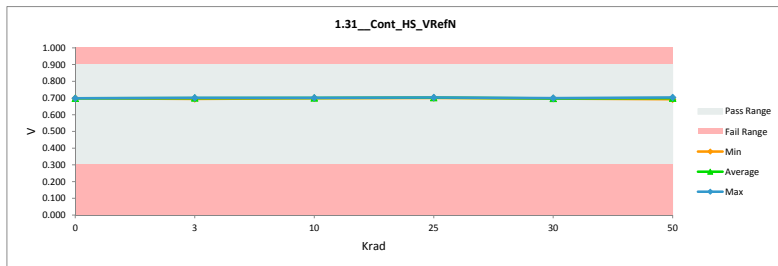
1.30_Cont_HS_VRefP						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.697	0.693	0.697	0.699	0.696	0.692
Average	0.697	0.699	0.699	0.701	0.697	0.699
Max	0.697	0.700	0.700	0.702	0.698	0.702
UL	0.900	0.900	0.900	0.900	0.900	0.900



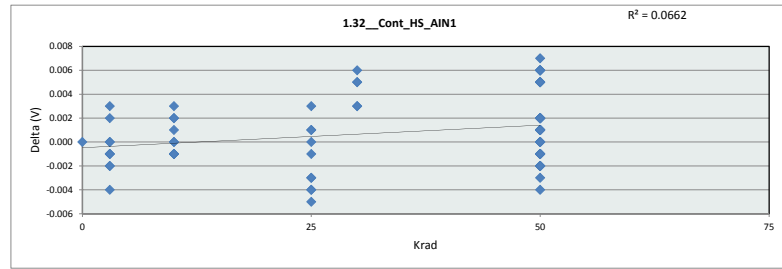
		1.31_Cont_HS_VRefN		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.699	0.698	0.001
3	B48B	0.698	0.700	-0.002
3	B51B	0.698	0.699	-0.001
3	C60B	0.698	0.694	0.004
3	A162B	0.699	0.700	-0.001
3	A165B	0.697	0.701	-0.004
3	A155UB	0.701	0.701	0.000
3	A154UB	0.699	0.700	-0.001
3	66UB	0.700	0.700	0.000
3	69UB	0.699	0.699	0.000
3	C72UB	0.701	0.700	0.001
10	B54B	0.700	0.699	0.001
10	B56B	0.699	0.700	-0.001
10	C61B	0.702	0.700	0.002
10	C62B	0.702	0.699	0.003
10	A160B	0.701	0.701	0.000
10	B70UB	0.700	0.701	-0.001
10	B72UB	0.699	0.700	-0.001
10	C73UB	0.702	0.700	0.002
10	A145UB	0.698	0.698	0.000
10	A153UB	0.701	0.700	0.001
25	A158B	0.700	0.700	0.000
25	B59B	0.698	0.701	-0.003
25	B63B	0.701	0.702	-0.001
25	C64B	0.701	0.701	0.000
25	C68B	0.702	0.701	0.001
25	A152UB	0.701	0.703	-0.002
25	A150UB	0.699	0.702	-0.003
25	B1UB	0.699	0.703	-0.004
25	B4UB	0.699	0.703	-0.004
25	C74UB	0.701	0.701	0.000
30	AA158B	0.700	0.697	0.003
30	BB59B	0.698	0.696	0.002
30	BB63B	0.701	0.699	0.002
30	CC64B	0.701	0.696	0.005
30	CC68B	0.702	0.698	0.004
50	C32B	0.702	0.697	0.005
50	C33B	0.701	0.697	0.004
50	C34B	0.703	0.699	0.004
50	C39B	0.701	0.697	0.004
50	C78B	0.702	0.698	0.004
50	C79B	0.702	0.698	0.004
50	C80B	0.700	0.694	0.006
50	B14B	0.699	0.699	0.000
50	B15B	0.700	0.699	0.001
50	B18B	0.699	0.698	0.001
50	B10B	0.699	0.699	0.000
50	B11B	0.700	0.698	0.002
50	B13B	0.700	0.699	0.001
50	B17B	0.699	0.698	0.001
50	B185B	0.699	0.694	0.005
50	A186B	0.699	0.700	-0.001
50	A180B	0.700	0.695	0.005
50	A148B	0.698	0.699	-0.001
50	A183B	0.699	0.698	0.001
50	A184B	0.699	0.698	0.001
50	A146B	0.700	0.698	0.002
50	A182B	0.699	0.698	0.001
50	A179UB	0.698	0.701	-0.003
50	A176UB	0.699	0.699	0.000
50	A174UB	0.700	0.702	-0.002
50	A172UB	0.699	0.701	-0.002
50	A171UB	0.701	0.702	-0.001
50	C41UB	0.701	0.701	0.000
50	C42UB	0.698	0.703	-0.005
50	C43UB	0.701	0.702	-0.001
50	C44UB	0.699	0.703	-0.004
50	C46UB	0.701	0.702	-0.001
50	C49UB	0.700	0.701	-0.001
50	C50UB	0.701	0.702	-0.001
50	B44UB	0.703	0.701	0.002
50	B40UB	0.702	0.701	0.001
50	B37UB	0.702	0.701	0.001
50	B32UB	0.703	0.702	0.001
50	B26UB	0.702	0.701	0.001
50	B39UB	0.695	0.696	-0.001
50	B35UB	0.702	0.701	0.001
50	B80UB	0.702	0.701	0.001
50	A178UB	0.699	0.692	0.007
50	A173UB	0.700	0.702	-0.002
	Max	0.703	0.703	0.007
	Average	0.700	0.699	0.001
	Min	0.695	0.692	-0.005
	Std Dev	0.002	0.002	0.002



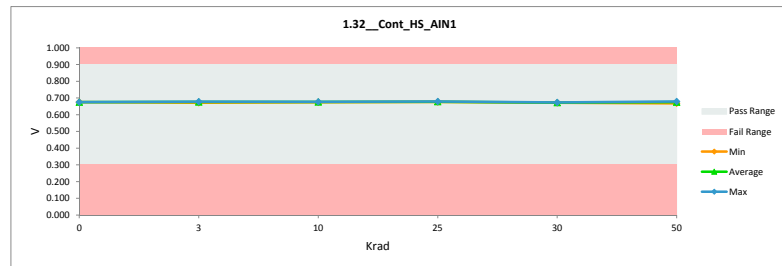
		1.31_Cont_HS_VRefN					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	0.9	V					
Min Limit	0.3	V					
Krad	0	3	10	25	30	50	
LL	0.300	0.300	0.300	0.300	0.300	0.300	
Min	0.698	0.694	0.698	0.700	0.696	0.692	
Average	0.698	0.699	0.700	0.702	0.697	0.699	
Max	0.698	0.701	0.701	0.703	0.699	0.703	
UL	0.900	0.900	0.900	0.900	0.900	0.900	



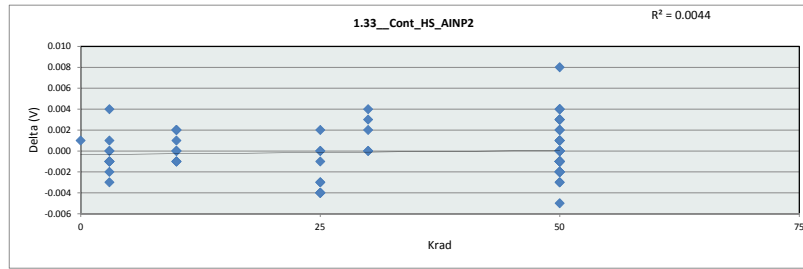
1.32_Cont_HS_AIN1				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.675	0.675	0.000
3	B48B	0.675	0.677	-0.002
3	B51B	0.673	0.674	-0.001
3	C60B	0.674	0.671	0.003
3	A162B	0.675	0.676	-0.001
3	A165B	0.674	0.678	-0.004
3	A155UB	0.677	0.677	0.000
3	A154UB	0.676	0.676	0.000
3	66UB	0.675	0.677	-0.002
3	69UB	0.674	0.675	-0.001
3	C72UB	0.679	0.677	0.002
10	B54B	0.676	0.674	0.002
10	B56B	0.674	0.675	-0.001
10	C61B	0.678	0.677	0.001
10	C62B	0.679	0.677	0.002
10	A160B	0.676	0.677	-0.001
10	B70UB	0.676	0.677	-0.001
10	B72UB	0.674	0.675	-0.001
10	C73UB	0.679	0.676	0.003
10	A145UB	0.674	0.674	0.000
10	A153UB	0.676	0.676	0.000
25	A158B	0.677	0.676	0.001
25	B59B	0.674	0.677	-0.003
25	B63B	0.676	0.677	-0.001
25	C64B	0.678	0.678	0.000
25	C68B	0.679	0.676	0.003
25	A152UB	0.676	0.679	-0.003
25	A150UB	0.675	0.679	-0.004
25	B11UB	0.673	0.678	-0.005
25	B4UB	0.675	0.679	-0.004
25	C74UB	0.678	0.677	0.001
30	AA158B	0.677	0.672	0.005
30	BB59B	0.674	0.671	0.003
30	BB63B	0.676	0.673	0.003
30	CC64B	0.678	0.673	0.005
30	CC68B	0.679	0.673	0.006
50	C32B	0.679	0.673	0.006
50	C33B	0.678	0.673	0.005
50	C34B	0.679	0.673	0.006
50	C39B	0.677	0.672	0.005
50	C78B	0.679	0.673	0.006
50	C79B	0.679	0.674	0.005
50	C80B	0.677	0.671	0.006
50	B14B	0.674	0.673	0.001
50	B15B	0.677	0.675	0.002
50	B18B	0.675	0.674	0.001
50	B10B	0.676	0.674	0.002
50	B11B	0.674	0.673	0.001
50	B13B	0.675	0.673	0.002
50	B17B	0.674	0.672	0.002
50	B185B	0.675	0.669	0.006
50	A186B	0.675	0.675	0.000
50	A180B	0.675	0.670	0.005
50	A148B	0.674	0.675	-0.001
50	A183B	0.675	0.673	0.002
50	A184B	0.676	0.674	0.002
50	A146B	0.676	0.674	0.002
50	A182B	0.675	0.673	0.002
50	A179UB	0.675	0.677	-0.002
50	A176UB	0.675	0.675	0.000
50	A174UB	0.676	0.678	-0.002
50	A172UB	0.674	0.676	-0.002
50	A171UB	0.677	0.678	-0.001
50	C41UB	0.678	0.678	0.000
50	C42UB	0.675	0.679	-0.004
50	C43UB	0.678	0.679	-0.001
50	C44UB	0.676	0.679	-0.003
50	C46UB	0.677	0.678	-0.001
50	C49UB	0.678	0.679	-0.001
50	C50UB	0.677	0.678	-0.001
50	B44UB	0.678	0.677	0.001
50	B40UB	0.679	0.678	0.001
50	B37UB	0.679	0.678	0.001
50	B32UB	0.678	0.677	0.001
50	B26UB	0.679	0.678	0.001
50	B39UB	0.671	0.673	-0.002
50	B35UB	0.677	0.677	0.000
50	B80UB	0.679	0.677	0.002
50	A178UB	0.675	0.668	0.007
50	A173UB	0.676	0.678	-0.002
	Max	0.679	0.679	0.007
	Average	0.676	0.675	0.001
	Min	0.671	0.668	-0.005
	Std Dev	0.002	0.003	0.003



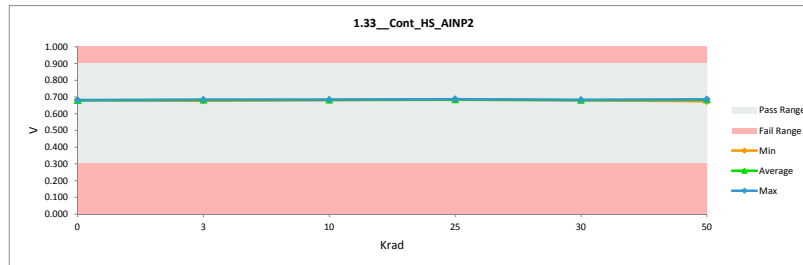
1.32_Cont_HS_AIN1						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.675	0.671	0.674	0.676	0.671	0.668
Average	0.675	0.676	0.676	0.678	0.672	0.675
Max	0.675	0.678	0.677	0.679	0.673	0.679
UL	0.900	0.900	0.900	0.900	0.900	0.900



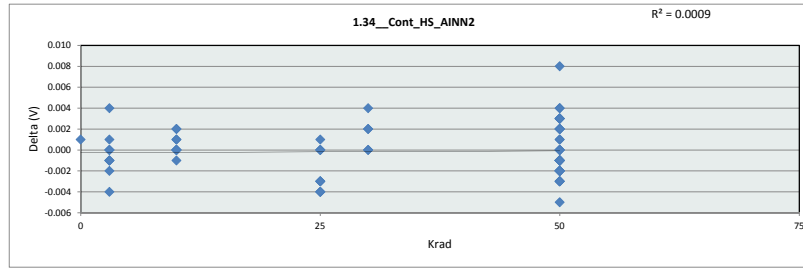
1.33_Cont_HS_AINP2				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.682	0.681	0.001
3	B48B	0.682	0.684	-0.002
3	B51B	0.680	0.681	-0.001
3	C60B	0.681	0.677	0.004
3	A162B	0.682	0.683	-0.001
3	A165B	0.681	0.684	-0.003
3	A155UB	0.684	0.684	0.000
3	A154UB	0.683	0.683	0.000
3	66UB	0.682	0.683	-0.001
3	69UB	0.681	0.682	-0.001
3	C72UB	0.685	0.684	0.001
10	B54B	0.683	0.681	0.002
10	B56B	0.681	0.682	-0.001
10	C61B	0.685	0.684	0.001
10	C62B	0.685	0.683	0.002
10	A160B	0.683	0.684	-0.001
10	B70UB	0.684	0.684	0.000
10	B72UB	0.681	0.682	-0.001
10	C73UB	0.685	0.683	0.002
10	A145UB	0.681	0.681	0.000
10	A153UB	0.684	0.684	0.000
25	A158B	0.683	0.683	0.000
25	B59B	0.681	0.684	-0.003
25	B63B	0.683	0.687	-0.004
25	C64B	0.684	0.685	-0.001
25	C68B	0.685	0.683	0.002
25	A152UB	0.683	0.686	-0.003
25	A150UB	0.682	0.686	-0.004
25	B11UB	0.681	0.685	-0.004
25	B4UB	0.682	0.686	-0.004
25	C74UB	0.684	0.684	0.000
30	AA158B	0.683	0.681	0.002
30	BB59B	0.681	0.681	0.000
30	BB63B	0.683	0.683	0.000
30	CC64B	0.684	0.680	0.004
30	CC68B	0.685	0.682	0.003
50	C32B	0.686	0.682	0.004
50	C33B	0.685	0.683	0.002
50	C34B	0.685	0.682	0.003
50	C39B	0.684	0.681	0.003
50	C78B	0.686	0.682	0.004
50	C79B	0.685	0.683	0.002
50	C80B	0.684	0.680	0.004
50	B14B	0.681	0.683	-0.002
50	B15B	0.683	0.685	-0.002
50	B18B	0.682	0.683	-0.001
50	B10B	0.683	0.684	-0.001
50	B11B	0.682	0.683	-0.001
50	B13B	0.683	0.683	0.000
50	B17B	0.681	0.682	-0.001
50	B185B	0.682	0.679	0.003
50	A186B	0.682	0.684	-0.002
50	A180B	0.682	0.679	0.003
50	A148B	0.682	0.685	-0.003
50	A183B	0.683	0.684	-0.001
50	A184B	0.683	0.684	-0.001
50	A146B	0.683	0.684	-0.001
50	A182B	0.682	0.683	-0.001
50	A179UB	0.682	0.684	-0.002
50	A176UB	0.682	0.682	0.000
50	A174UB	0.683	0.685	-0.002
50	A172UB	0.682	0.683	-0.001
50	A171UB	0.684	0.684	0.000
50	C41UB	0.684	0.685	-0.001
50	C42UB	0.681	0.686	-0.005
50	C43UB	0.685	0.686	-0.001
50	C44UB	0.682	0.685	-0.003
50	C46UB	0.684	0.684	0.000
50	C49UB	0.684	0.686	-0.002
50	C50UB	0.684	0.684	0.000
50	B44UB	0.685	0.683	0.002
50	B40UB	0.685	0.685	0.000
50	B37UB	0.686	0.685	0.001
50	B32UB	0.685	0.684	0.001
50	B26UB	0.685	0.684	0.001
50	B39UB	0.678	0.679	-0.001
50	B35UB	0.683	0.683	0.000
50	B80UB	0.685	0.684	0.001
50	A178UB	0.682	0.674	0.008
50	A173UB	0.683	0.685	-0.002
Max		0.686	0.687	0.008
Average		0.683	0.683	0.000
Min		0.678	0.674	-0.005
Std Dev		0.002	0.002	0.002



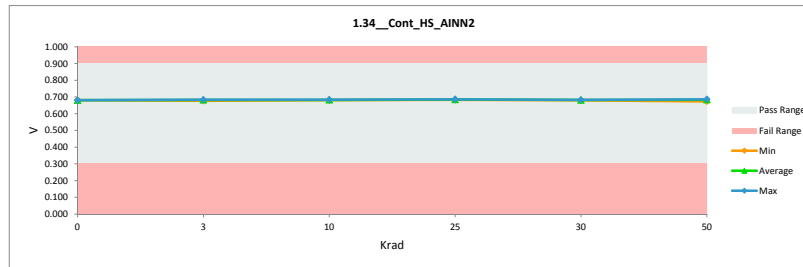
1.33_Cont_HS_AINP2						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.681	0.677	0.681	0.683	0.680	0.674
Average	0.681	0.683	0.683	0.683	0.681	0.683
Max	0.681	0.684	0.684	0.687	0.683	0.686
UL	0.900	0.900	0.900	0.900	0.900	0.900



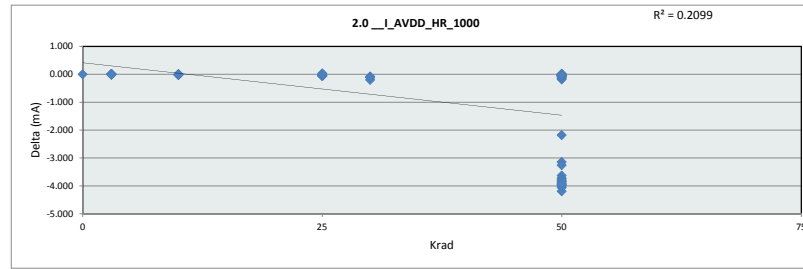
1.34_Cont_HS_AINN2				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.9	0.9		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.682	0.681	-0.001
3	B48B	0.682	0.684	-0.002
3	B51B	0.680	0.681	-0.001
3	C60B	0.681	0.677	0.004
3	A162B	0.682	0.683	-0.001
3	A165B	0.680	0.684	-0.004
3	A155UB	0.684	0.684	0.000
3	A154UB	0.683	0.683	0.000
3	66UB	0.682	0.683	-0.001
3	69UB	0.681	0.681	0.000
3	C72UB	0.685	0.684	0.001
10	B54B	0.682	0.681	0.001
10	B56B	0.681	0.682	-0.001
10	C61B	0.685	0.684	0.001
10	C62B	0.685	0.683	0.002
10	A160B	0.683	0.683	0.000
10	B70UB	0.683	0.683	0.000
10	B72UB	0.681	0.681	0.000
10	C73UB	0.685	0.683	0.002
10	A145UB	0.681	0.681	0.000
10	A153UB	0.683	0.683	0.000
25	A158B	0.684	0.683	0.001
25	B59B	0.681	0.684	-0.003
25	B63B	0.683	0.686	-0.003
25	C64B	0.684	0.684	0.000
25	C68B	0.685	0.685	0.000
25	A152UB	0.683	0.686	-0.003
25	A150UB	0.682	0.686	-0.004
25	B1UB	0.681	0.685	-0.004
25	B4UB	0.682	0.686	-0.004
25	C74UB	0.684	0.684	0.000
30	AA158B	0.684	0.682	0.002
30	BB59B	0.681	0.681	0.000
30	BB63B	0.683	0.683	0.000
30	CC64B	0.684	0.680	0.004
30	CC68B	0.685	0.683	0.002
50	C32B	0.686	0.682	0.004
50	C33B	0.685	0.683	0.002
50	C34B	0.685	0.683	0.002
50	C39B	0.684	0.681	0.003
50	C78B	0.686	0.682	0.004
50	C79B	0.686	0.683	0.003
50	C80B	0.683	0.680	0.003
50	B14B	0.681	0.683	-0.002
50	B15B	0.683	0.685	-0.002
50	B18B	0.682	0.683	-0.001
50	B10B	0.682	0.683	-0.001
50	B11B	0.681	0.683	-0.002
50	B13B	0.682	0.683	-0.001
50	B17B	0.681	0.682	-0.001
50	B185B	0.682	0.679	0.003
50	A186B	0.682	0.685	-0.003
50	A180B	0.682	0.679	0.003
50	A148B	0.681	0.684	-0.003
50	A183B	0.682	0.683	-0.001
50	A184B	0.683	0.684	-0.001
50	A146B	0.683	0.683	0.000
50	A182B	0.681	0.682	-0.001
50	A179UB	0.681	0.684	-0.003
50	A176UB	0.682	0.682	0.000
50	A174UB	0.683	0.685	-0.002
50	A172UB	0.681	0.683	-0.002
50	A171UB	0.684	0.684	0.000
50	C41UB	0.684	0.685	-0.001
50	C42UB	0.681	0.686	-0.005
50	C43UB	0.685	0.686	-0.001
50	C44UB	0.682	0.685	-0.003
50	C46UB	0.683	0.684	-0.001
50	C49UB	0.684	0.686	-0.002
50	C50UB	0.684	0.685	-0.001
50	B44UB	0.685	0.683	0.002
50	B40UB	0.685	0.685	0.000
50	B37UB	0.686	0.685	0.001
50	B32UB	0.685	0.684	0.001
50	B26UB	0.686	0.684	0.002
50	B39UB	0.678	0.680	-0.002
50	B35UB	0.684	0.684	0.000
50	B80UB	0.686	0.684	0.002
50	A178UB	0.682	0.674	0.008
50	A173UB	0.683	0.685	-0.002
	Max	0.686	0.686	0.008
	Average	0.683	0.683	0.000
	Min	0.678	0.674	-0.005
	Std Dev	0.002	0.002	0.002



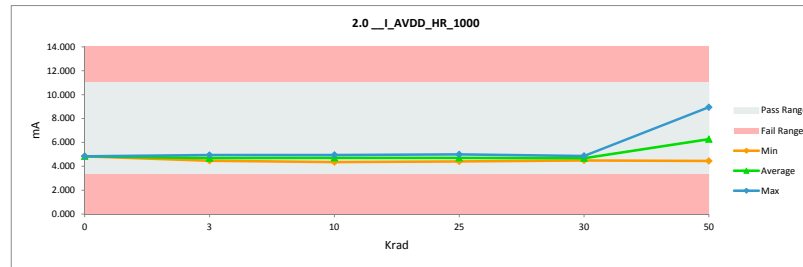
1.34_Cont_HS_AINN2						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.9	V				
Min Limit	0.3	V				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.681	0.677	0.681	0.683	0.680	0.674
Average	0.681	0.682	0.682	0.685	0.682	0.683
Max	0.681	0.684	0.684	0.686	0.683	0.686
UL	0.900	0.900	0.900	0.900	0.900	0.900



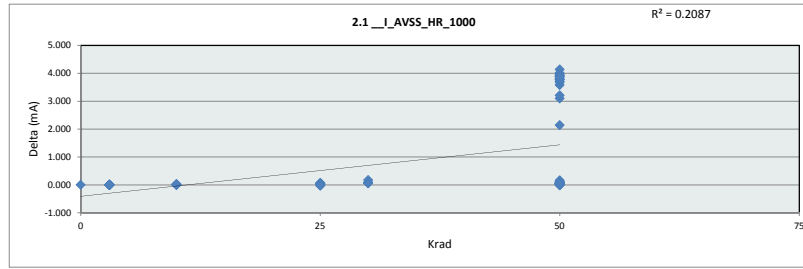
		2.0_I_AVDD_HR_1000		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	11	11		
Min Limit	3.3	3.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	4.840	4.843	-0.003
3	B48B	4.707	4.705	0.002
3	B51B	4.489	4.486	0.003
3	C60B	4.931	4.941	-0.010
3	A162B	4.722	4.726	-0.004
3	A165B	4.708	4.696	0.012
3	A155UB	4.804	4.799	0.005
3	A154UB	4.474	4.482	-0.008
3	66UB	4.709	4.706	0.003
3	69UB	4.850	4.852	-0.002
3	C72UB	4.448	4.465	-0.017
10	B54B	4.895	4.908	-0.013
10	B56B	4.801	4.808	-0.007
10	C61B	4.401	4.426	-0.025
10	C62B	4.692	4.716	-0.024
10	A160B	4.354	4.349	0.005
10	B70UB	4.938	4.950	-0.012
10	B72UB	4.746	4.751	-0.005
10	C73UB	4.482	4.492	-0.010
10	A145UB	4.887	4.903	-0.016
10	A153UB	4.728	4.736	-0.008
25	A158B	4.783	4.815	-0.032
25	B59B	4.370	4.414	-0.044
25	B63B	4.622	4.676	-0.054
25	C64B	4.472	4.538	-0.066
25	C68B	4.553	4.621	-0.068
25	A152UB	4.826	4.796	0.030
25	A150UB	4.885	4.902	-0.017
25	B1UB	4.971	4.992	-0.021
25	B4UB	4.715	4.733	-0.018
25	C74UB	4.552	4.553	-0.001
30	AA156B	4.783	4.864	-0.081
30	BB59B	4.370	4.490	-0.120
30	BB63B	4.622	4.825	-0.203
30	CC64B	4.472	4.568	-0.096
30	CC68B	4.553	4.646	-0.093
50	C32B	4.726	4.861	-0.135
50	C33B	4.744	4.885	-0.141
50	C34B	4.369	4.555	-0.186
50	C39B	4.710	4.812	-0.102
50	C78B	4.423	8.055	-3.632
50	C79B	4.482	8.208	-3.726
50	C80B	4.598	7.744	-3.146
50	B14B	4.780	8.534	-3.754
50	B15B	4.889	7.072	-2.183
50	B18B	4.744	8.683	-3.939
50	B10B	4.685	8.638	-3.953
50	B11B	4.839	8.904	-4.065
50	B13B	4.796	8.054	-3.258
50	B17B	4.617	8.447	-3.830
50	B185B	4.744	8.939	-4.195
50	A186B	4.771	8.586	-3.815
50	A180B	4.775	8.646	-3.871
50	A148B	4.597	8.581	-3.984
50	A183B	4.643	8.655	-4.012
50	A184B	5.007	8.947	-3.940
50	A146B	4.901	8.732	-3.831
50	A182B	4.701	8.621	-3.920
50	A179UB	4.580	4.625	-0.045
50	A176UB	4.696	4.698	-0.002
50	A174UB	4.848	4.889	-0.041
50	A172UB	4.710	4.707	0.003
50	A171UB	4.600	4.642	-0.042
50	C41UB	4.546	4.609	-0.063
50	C42UB	4.441	4.472	-0.031
50	C43UB	4.401	4.446	-0.045
50	C44UB	4.800	4.883	-0.083
50	C46UB	4.729	4.715	0.014
50	C49UB	4.716	4.741	-0.025
50	C50UB	4.772	4.806	-0.034
50	B44UB	4.635	4.709	-0.074
50	B40UB	4.770	4.863	-0.093
50	B37UB	4.961	4.996	-0.035
50	B32UB	4.900	4.925	-0.025
50	B26UB	4.660	4.670	-0.010
50	B39UB	4.938	4.987	-0.049
50	B35UB	4.846	4.899	-0.053
50	B80UB	4.842	4.882	-0.040
50	A178UB	4.703	4.748	-0.045
50	A173UB	4.708	4.752	-0.044
	Max	5.007	8.947	0.030
	Average	4.694	5.562	-0.869
	Min	4.354	4.349	-4.195
	Std Dev	0.165	1.586	1.564



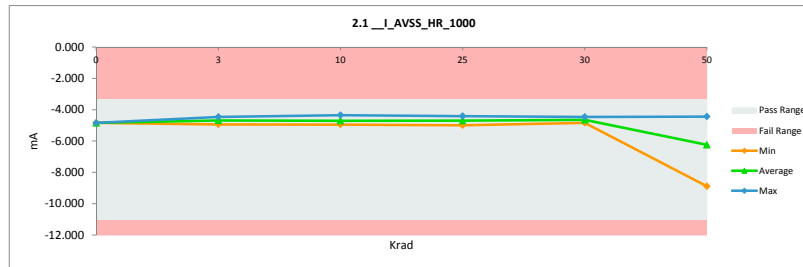
		2.0_I_AVDD_HR_1000					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	11	mA					
Min Limit	3.3	mA					
Krad	0	3	10	25	30	50	
LL	3.300	3.300	3.300	3.300	3.300	3.300	
Min	4.843	4.465	4.349	4.414	4.490	4.446	
Average	4.843	4.686	4.704	4.704	4.679	6.269	
Max	4.843	4.941	4.950	4.992	4.864	8.947	
UL	11.000	11.000	11.000	11.000	11.000	11.000	



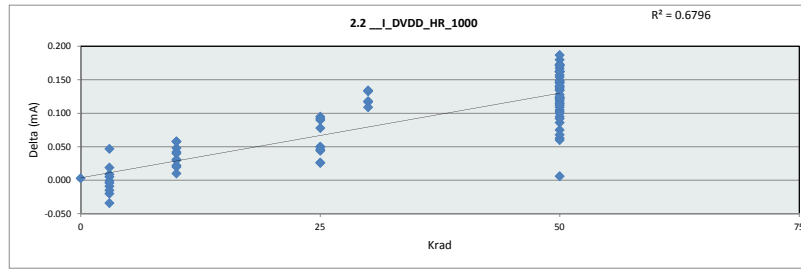
		2.1_I_AVSS_HR_1000		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	-3.3	-3.3		
Min Limit	-11	-11		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-4.842	-4.845	0.003
3	B48B	-4.709	-4.707	-0.002
3	B51B	-4.492	-4.488	-0.004
3	C60B	-4.934	-4.943	0.009
3	A162B	-4.724	-4.727	0.003
3	A165B	-4.710	-4.698	-0.012
3	A155UB	-4.807	-4.801	-0.006
3	A154UB	-4.476	-4.484	0.008
3	66UB	-4.711	-4.708	-0.003
3	69UB	-4.854	-4.855	0.001
3	C72UB	-4.452	-4.466	0.014
10	B54B	-4.898	-4.910	0.012
10	B56B	-4.803	-4.811	0.008
10	C61B	-4.402	-4.428	0.026
10	C62B	-4.692	-4.718	0.026
10	A160B	-4.356	-4.351	-0.005
10	B70UB	-4.940	-4.954	0.014
10	B72UB	-4.748	-4.754	0.006
10	C73UB	-4.485	-4.495	0.010
10	A145UB	-4.890	-4.905	0.015
10	A153UB	-4.730	-4.737	0.007
25	A158B	-4.785	-4.815	0.030
25	B59B	-4.371	-4.413	0.042
25	B63B	-4.625	-4.675	0.050
25	C64B	-4.472	-4.538	0.066
25	C68B	-4.554	-4.622	0.068
25	A152UB	-4.828	-4.796	-0.032
25	A150UB	-4.886	-4.902	0.016
25	B1UB	-4.974	-4.992	0.018
25	B4UB	-4.718	-4.734	0.016
25	C74UB	-4.554	-4.551	-0.003
30	AA155B	-4.785	-4.838	0.053
30	BB59B	-4.371	-4.465	0.094
30	BB63B	-4.625	-4.798	0.173
30	CC64B	-4.472	-4.543	0.071
30	CC68B	-4.554	-4.620	0.066
50	C32B	-4.730	-4.833	0.103
50	C33B	-4.745	-4.858	0.113
50	C34B	-4.369	-4.529	0.160
50	C39B	-4.711	-4.785	0.074
50	C78B	-4.424	-8.006	3.582
50	C79B	-4.483	-8.160	3.677
50	C80B	-4.600	-7.698	3.098
50	B14B	-4.782	-8.483	3.701
50	B15B	-4.892	-7.030	2.138
50	B18B	-4.747	-8.632	3.885
50	B10B	-4.687	-8.586	3.899
50	B11B	-4.842	-8.850	4.008
50	B13B	-4.798	-8.007	3.209
50	B17B	-4.619	-8.395	3.776
50	B185B	-4.747	-8.885	4.138
50	A186B	-4.772	-8.537	3.765
50	A180B	-4.778	-8.592	3.814
50	A148B	-4.599	-8.530	3.931
50	A183B	-4.644	-8.602	3.958
50	A184B	-5.009	-8.891	3.882
50	A146B	-4.904	-8.680	3.776
50	A182B	-4.703	-8.571	3.868
50	A179UB	-4.582	-4.624	0.042
50	A176UB	-4.698	-4.697	-0.001
50	A174UB	-4.850	-4.888	0.038
50	A172UB	-4.712	-4.706	-0.006
50	A171UB	-4.604	-4.642	0.038
50	C41UB	-4.547	-4.610	0.063
50	C42UB	-4.441	-4.471	0.030
50	C43UB	-4.402	-4.446	0.044
50	C44UB	-4.802	-4.883	0.081
50	C46UB	-4.728	-4.714	-0.014
50	C49UB	-4.718	-4.741	0.023
50	C50UB	-4.773	-4.807	0.034
50	B44UB	-4.637	-4.708	0.071
50	B40UB	-4.772	-4.864	0.092
50	B37UB	-4.963	-4.996	0.033
50	B32UB	-4.901	-4.926	0.025
50	B26UB	-4.663	-4.668	0.005
50	B39UB	-4.941	-4.986	0.045
50	B35UB	-4.848	-4.900	0.052
50	B80UB	-4.845	-4.881	0.036
50	A178UB	-4.705	-4.747	0.042
50	A173UB	-4.710	-4.750	0.040
	Max	-4.356	-4.351	4.138
	Average	-4.696	-5.549	0.853
	Min	-5.009	-8.891	-0.032
	Std Dev	0.165	1.566	1.544



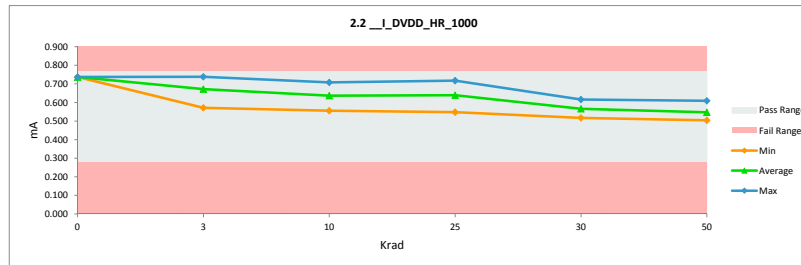
		2.1_I_AVSS_HR_1000					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	-3.3	mA					
Min Limit	-11	mA					
Krad	0	3	10	25	30	50	
LL	-11.000	-11.000	-11.000	-11.000	-11.000	-11.000	
Min	-4.845	-4.943	-4.954	-4.992	-4.838	-8.891	
Average	-4.845	-4.688	-4.706	-4.704	-4.653	-6.245	
Max	-4.845	-4.466	-4.351	-4.413	-4.465	-4.446	
UL	-3.300	-3.300	-3.300	-3.300	-3.300	-3.300	



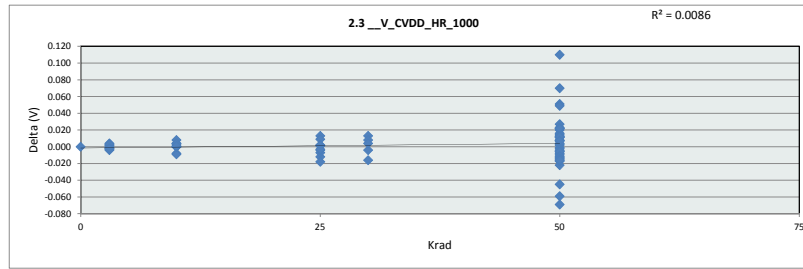
		2.2 _I_DVDD_HR_1000		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	0.765	0.765		
Min Limit	0.28	0.28		
0	C24	0.740	0.737	0.003
3	B48B	0.675	0.695	-0.020
3	B51B	0.723	0.738	-0.015
3	C60B	0.618	0.571	0.047
3	A162B	0.706	0.707	-0.001
3	A165B	0.592	0.626	-0.034
3	A155UB	0.638	0.633	0.005
3	A154UB	0.704	0.695	0.009
3	66UB	0.725	0.734	-0.009
3	69UB	0.730	0.734	-0.004
3	C72UB	0.607	0.588	0.019
10	B54B	0.754	0.706	0.048
10	B56B	0.718	0.708	0.010
10	C61B	0.666	0.624	0.042
10	C62B	0.614	0.556	0.058
10	A160B	0.625	0.585	0.040
10	B70UB	0.617	0.595	0.022
10	B72UB	0.680	0.660	0.020
10	C73UB	0.684	0.626	0.058
10	A145UB	0.674	0.643	0.031
10	A153UB	0.691	0.661	0.030
25	A158B	0.650	0.560	0.090
25	B59B	0.723	0.679	0.044
25	B63B	0.733	0.683	0.050
25	C64B	0.626	0.548	0.078
25	C68B	0.708	0.613	0.095
25	A152UB	0.744	0.694	0.050
25	A150UB	0.679	0.633	0.046
25	B1UB	0.662	0.636	0.026
25	B4UB	0.744	0.718	0.026
25	C74UB	0.722	0.630	0.092
30	AA158B	0.650	0.517	0.133
30	BB59B	0.723	0.605	0.118
30	BB63B	0.733	0.616	0.117
30	CC64B	0.626	0.517	0.109
30	CC68B	0.708	0.574	0.134
50	C32B	0.621	0.546	0.075
50	C33B	0.679	0.531	0.148
50	C34B	0.653	0.507	0.146
50	C39B	0.702	0.522	0.180
50	C78B	0.604	0.541	0.063
50	C79B	0.661	0.527	0.134
50	C80B	0.637	0.532	0.105
50	B14B	0.712	0.540	0.172
50	B15B	0.649	0.531	0.118
50	B18B	0.675	0.552	0.123
50	B10B	0.714	0.576	0.138
50	B11B	0.685	0.550	0.135
50	B13B	0.715	0.543	0.172
50	B17B	0.660	0.539	0.121
50	B185B	0.675	0.530	0.145
50	A186B	0.703	0.554	0.149
50	A180B	0.687	0.547	0.140
50	A148B	0.632	0.523	0.109
50	A183B	0.651	0.556	0.095
50	A184B	0.595	0.535	0.060
50	A146B	0.665	0.550	0.115
50	A182B	0.724	0.562	0.162
50	A179UB	0.647	0.545	0.102
50	A176UB	0.654	0.540	0.114
50	A174UB	0.750	0.609	0.141
50	A172UB	0.679	0.555	0.124
50	A171UB	0.698	0.576	0.122
50	C41UB	0.693	0.539	0.154
50	C42UB	0.632	0.546	0.086
50	C43UB	0.610	0.518	0.092
50	C44UB	0.608	0.540	0.068
50	C46UB	0.533	0.527	0.006
50	C49UB	0.705	0.577	0.128
50	C50UB	0.694	0.527	0.167
50	B44UB	0.745	0.582	0.163
50	B40UB	0.687	0.514	0.173
50	B37UB	0.745	0.558	0.187
50	B32UB	0.730	0.568	0.162
50	B26UB	0.760	0.589	0.171
50	B39UB	0.668	0.556	0.112
50	B35UB	0.731	0.574	0.157
50	B80UB	0.728	0.566	0.162
50	A178UB	0.628	0.504	0.124
50	A173UB	0.678	0.578	0.100
	Max	0.760	0.738	0.022
	Average	0.679	0.589	0.090
	Min	0.533	0.504	-0.034
	Std Dev	0.047	0.065	0.058



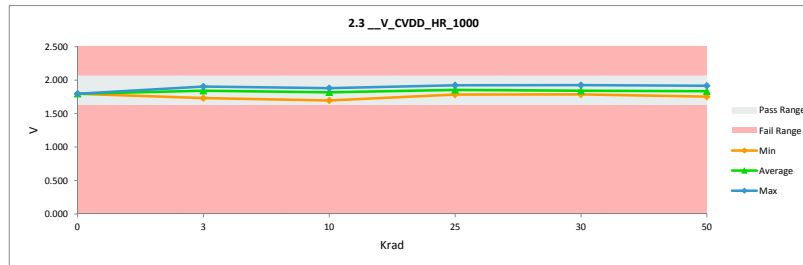
		2.2 _I_DVDD_HR_1000					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	0.765	mA					
Min Limit	0.28	mA					
Krad	0	3	10	25	30	50	
LL	0.280	0.280	0.280	0.280	0.280	0.280	
Min	0.737	0.571	0.556	0.548	0.517	0.504	
Average	0.737	0.672	0.636	0.639	0.566	0.547	
Max	0.737	0.738	0.708	0.718	0.616	0.609	
UL	0.765	0.765	0.765	0.765	0.765	0.765	



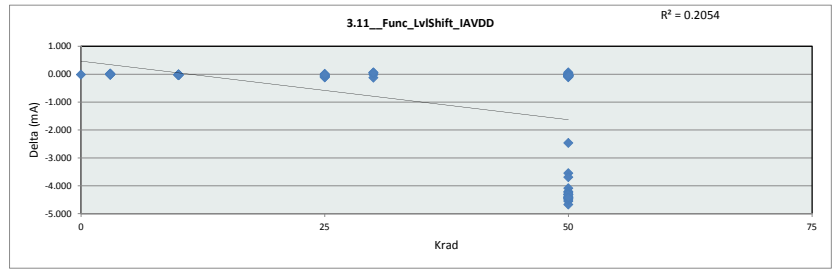
		2.3 _V_CVDD_HR_1000		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	2.062	2.062		
Min Limit	1.623	1.623		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	1.798	1.798	0.000
3	B48B	1.812	1.812	0.000
3	B51B	1.854	1.857	-0.003
3	C60B	1.901	1.905	-0.004
3	A162B	1.833	1.831	0.002
3	A165B	1.738	1.734	0.004
3	A155UB	1.883	1.881	0.002
3	A154UB	1.830	1.831	-0.001
3	66UB	1.896	1.898	-0.002
3	69UB	1.836	1.833	0.003
3	C72UB	1.846	1.848	-0.002
10	B54B	1.886	1.882	0.004
10	B56B	1.809	1.817	-0.008
10	C61B	1.860	1.869	-0.009
10	C62B	1.863	1.863	0.000
10	A160B	1.819	1.811	0.008
10	B70UB	1.696	1.696	0.000
10	B72UB	1.839	1.836	0.003
10	C73UB	1.790	1.790	0.000
10	A145UB	1.841	1.837	0.004
10	A153UB	1.795	1.794	0.001
25	A158B	1.809	1.796	0.013
25	B59B	1.795	1.786	0.009
25	B63B	1.923	1.922	0.001
25	C64B	1.807	1.805	0.002
25	C68B	1.885	1.897	-0.012
25	A152UB	1.918	1.925	-0.007
25	A150UB	1.885	1.889	-0.004
25	B1UB	1.838	1.836	0.002
25	B4UB	1.839	1.857	-0.018
25	C74UB	1.828	1.831	-0.003
30	AA155B	1.809	1.796	0.013
30	BB59B	1.795	1.787	0.008
30	BB63B	1.923	1.927	-0.004
30	CC64B	1.807	1.803	0.004
30	CC68B	1.885	1.901	-0.016
50	C32B	1.826	1.885	-0.059
50	C33B	1.846	1.834	0.012
50	C34B	1.774	1.782	-0.008
50	C39B	1.810	1.803	0.007
50	C78B	1.811	1.817	-0.006
50	C79B	1.770	1.754	0.016
50	C80B	1.873	1.866	0.007
50	B14B	1.846	1.795	0.051
50	B15B	1.792	1.781	0.011
50	B18B	1.886	1.908	-0.022
50	B10B	1.833	1.838	-0.005
50	B11B	1.797	1.866	-0.069
50	B13B	1.805	1.782	0.023
50	B17B	1.865	1.845	0.020
50	B185B	1.886	1.776	0.110
50	A186B	1.910	1.840	0.070
50	A180B	1.884	1.835	0.049
50	A148B	1.839	1.824	0.015
50	A183B	1.854	1.832	0.022
50	A184B	1.785	1.830	-0.045
50	A146B	1.929	1.916	0.013
50	A182B	1.823	1.796	0.027
50	A179UB	1.867	1.869	-0.002
50	A176UB	1.868	1.885	-0.017
50	A174UB	1.903	1.900	0.003
50	A172UB	1.858	1.850	0.008
50	A171UB	1.844	1.861	-0.017
50	C41UB	1.851	1.852	-0.001
50	C42UB	1.827	1.839	-0.012
50	C43UB	1.887	1.865	0.022
50	C44UB	1.839	1.852	-0.013
50	C46UB	1.849	1.827	0.022
50	C49UB	1.900	1.889	0.011
50	C50UB	1.796	1.800	-0.004
50	B44UB	1.822	1.831	-0.009
50	B40UB	1.783	1.771	0.012
50	B37UB	1.826	1.824	0.002
50	B32UB	1.798	1.794	0.004
50	B26UB	1.884	1.890	-0.006
50	B39UB	1.794	1.809	-0.015
50	B35UB	1.800	1.811	-0.011
50	B80UB	1.831	1.845	-0.014
50	A178UB	1.784	1.777	0.007
50	A173UB	1.880	1.896	-0.016
	Max	1.929	1.927	0.110
	Average	1.839	1.837	0.002
	Min	1.696	1.696	-0.069
	Std Dev	0.045	0.046	0.023



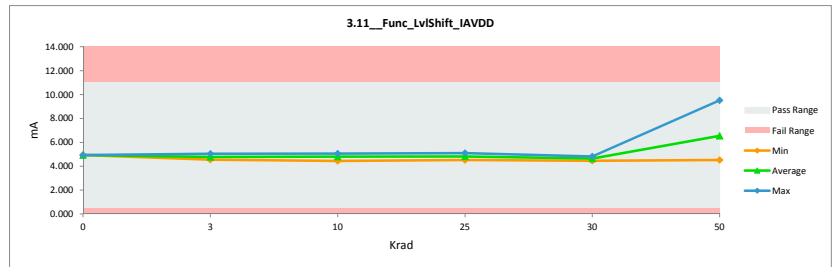
		2.3 _V_CVDD_HR_1000					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	2.062	V					
Min Limit	1.623	V					
Krad	0	3	10	25	30	50	
LL	1.623	1.623	1.623	1.623	1.623	1.623	
Min	1.798	1.734	1.696	1.786	1.787	1.754	
Average	1.798	1.843	1.820	1.854	1.843	1.835	
Max	1.798	1.905	1.882	1.925	1.927	1.916	
UL	2.062	2.062	2.062	2.062	2.062	2.062	



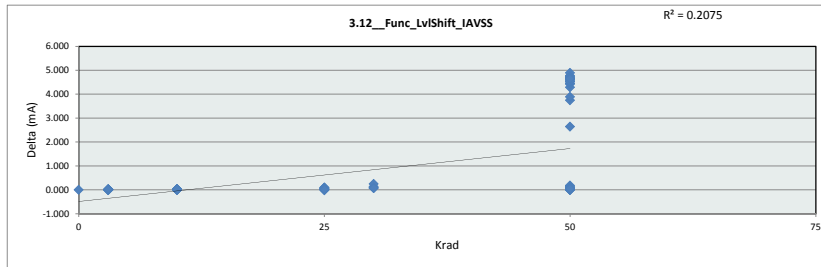
3.11_Func_LvlShift_IAVDD				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	11	11		
Min Limit	0.5	0.5		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	4.927	4.938	-0.011
3	B48B	4.799	4.783	0.016
3	B51B	4.574	4.573	0.001
3	C60B	5.034	5.044	-0.010
3	A162B	4.820	4.817	0.003
3	A165B	4.815	4.788	0.027
3	A155UB	4.901	4.895	0.006
3	A154UB	4.561	4.570	-0.009
3	66UB	4.794	4.799	-0.005
3	69UB	4.938	4.949	-0.011
3	C72UB	4.534	4.546	-0.012
10	B54B	4.987	5.011	-0.024
10	B56B	4.886	4.908	-0.022
10	C61B	4.492	4.525	-0.033
10	C62B	4.788	4.818	-0.030
10	A160B	4.443	4.443	0.000
10	B70UB	5.025	5.051	-0.026
10	B72UB	4.829	4.850	-0.021
10	C73UB	4.569	4.593	-0.024
10	A145UB	4.978	5.006	-0.028
10	A153UB	4.819	4.834	-0.015
25	A158B	4.882	4.945	-0.063
25	B59B	4.445	4.514	-0.069
25	B63B	4.701	4.795	-0.094
25	C64B	4.565	4.663	-0.098
25	C68B	4.631	4.745	-0.114
25	A152UB	4.920	4.903	0.017
25	A150UB	4.975	5.009	-0.034
25	B1UB	5.062	5.100	-0.038
25	B4UB	4.800	4.836	-0.036
25	C74UB	4.643	4.655	-0.012
30	AA158B	4.882	4.818	0.064
30	BB59B	4.445	4.459	-0.014
30	BB63B	4.701	4.822	-0.121
30	CC64B	4.565	4.514	0.051
30	CC68B	4.631	4.586	0.045
50	C32B	4.820	4.793	0.027
50	C33B	4.837	4.805	0.032
50	C34B	4.456	4.514	-0.058
50	C39B	4.802	4.735	0.067
50	C78B	4.507	8.592	-4.085
50	C79B	4.564	8.770	-4.206
50	C80B	4.690	8.237	-3.547
50	B14B	4.862	9.093	-4.231
50	B15B	4.973	7.435	-2.462
50	B18B	4.828	9.233	-4.405
50	B10B	4.770	9.225	-4.455
50	B11B	4.926	9.478	-4.552
50	B13B	4.883	8.571	-3.688
50	B17B	4.697	9.014	-4.317
50	B185B	4.828	9.500	-4.672
50	A186B	4.862	9.162	-4.300
50	A180B	4.861	9.231	-4.370
50	A148B	4.685	9.145	-4.460
50	A183B	4.728	9.230	-4.502
50	A184B	5.100	9.519	-4.419
50	A146B	4.991	9.294	-4.303
50	A182B	4.787	9.206	-4.419
50	A179UB	4.663	4.724	-0.061
50	A176UB	4.787	4.806	-0.019
50	A174UB	4.931	4.991	-0.060
50	A172UB	4.799	4.808	-0.009
50	A171UB	4.685	4.740	-0.055
50	C41UB	4.634	4.711	-0.077
50	C42UB	4.524	4.567	-0.043
50	C43UB	4.479	4.535	-0.056
50	C44UB	4.899	4.995	-0.096
50	C46UB	4.815	4.819	-0.004
50	C49UB	4.808	4.843	-0.035
50	C50UB	4.863	4.915	-0.052
50	B44UB	4.728	4.810	-0.082
50	B40UB	4.857	4.960	-0.103
50	B37UB	5.057	5.101	-0.044
50	B32UB	4.994	5.027	-0.033
50	B26UB	4.748	4.766	-0.018
50	B39UB	5.030	5.087	-0.057
50	B35UB	4.938	5.006	-0.068
50	B80UB	4.928	4.980	-0.052
50	A178UB	4.796	4.857	-0.061
50	A173UB	4.795	4.856	-0.061
Max		5.100	9.519	0.067
Average		4.782	5.747	-0.965
Min		4.443	4.443	-4.672
Std Dev		0.167	1.785	1.764



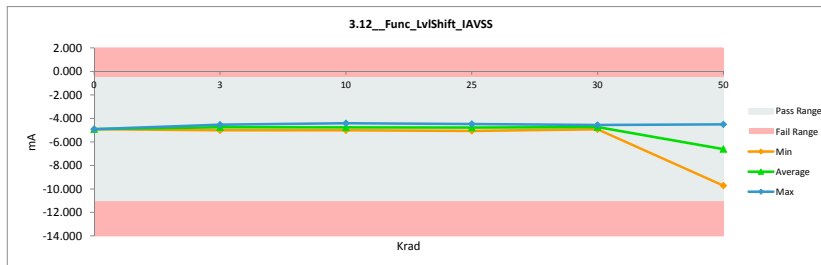
3.11_Func_LvlShift_IAVDD						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	11	mA				
Min Limit	0.5	mA				
Krad	0	3	10	25	30	50
LL	0.500	0.500	0.500	0.500	0.500	0.500
Min	4.938	4.546	4.443	4.514	4.459	4.514
Average	4.938	4.776	4.804	4.817	4.640	6.538
Max	4.938	5.044	5.051	5.100	4.822	9.519
UL	11.000	11.000	11.000	11.000	11.000	11.000



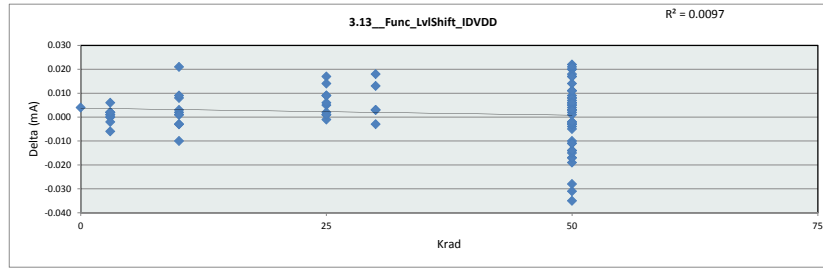
3.12_Func_LvlShift_IAVSS				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	-0.5	-0.5		
Min Limit	-11	-11		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-4.912	-4.911	-0.001
3	B48B	-4.764	-4.768	0.004
3	B51B	-4.549	-4.552	0.003
3	C60B	-4.996	-5.015	0.019
3	A162B	-4.782	-4.792	0.010
3	A165B	-4.776	-4.765	-0.011
3	A155UB	-4.862	-4.870	0.008
3	A154UB	-4.528	-4.548	0.020
3	66UB	-4.775	-4.774	-0.001
3	69UB	-4.916	-4.921	0.005
3	C72UB	-4.505	-4.532	0.027
10	B54B	-4.960	-4.971	0.011
10	B56B	-4.858	-4.872	0.014
10	C61B	-4.459	-4.491	0.032
10	C62B	-4.753	-4.782	0.029
10	A160B	-4.408	-4.407	-0.001
10	B70UB	-5.004	-5.009	0.005
10	B72UB	-4.810	-4.812	0.002
10	C73UB	-4.541	-4.556	0.015
10	A145UB	-4.952	-4.966	0.014
10	A153UB	-4.782	-4.796	0.014
25	A158B	-4.842	-4.901	0.059
25	B59B	-4.426	-4.476	0.050
25	B63B	-4.680	-4.757	0.077
25	C64B	-4.533	-4.628	0.095
25	C68B	-4.612	-4.705	0.093
25	A152UB	-4.884	-4.862	-0.022
25	A150UB	-4.937	-4.962	0.025
25	B1UB	-5.036	-5.058	0.022
25	B4UB	-4.782	-4.799	0.017
25	C74UB	-4.615	-4.621	0.006
30	AA158B	-4.842	-4.925	0.083
30	BB59B	-4.426	-4.559	0.133
30	BB63B	-4.680	-4.926	0.246
30	CC64B	-4.533	-4.615	0.082
30	CC68B	-4.612	-4.688	0.076
50	C32B	-4.789	-4.903	0.114
50	C33B	-4.806	-4.925	0.119
50	C34B	-4.428	-4.612	0.184
50	C39B	-4.778	-4.848	0.070
50	C78B	-4.483	-8.775	4.292
50	C79B	-4.538	-8.959	4.421
50	C80B	-4.666	-8.416	3.750
50	B14B	-4.846	-9.294	4.448
50	B15B	-4.956	-7.600	2.644
50	B18B	-4.813	-9.428	4.615
50	B10B	-4.753	-9.421	4.668
50	B11B	-4.908	-9.677	4.769
50	B13B	-4.866	-8.755	3.889
50	B17B	-4.683	-9.206	4.523
50	B185B	-4.813	-9.707	4.894
50	A186B	-4.828	-9.349	4.521
50	A180B	-4.833	-9.425	4.592
50	A148B	-4.654	-9.339	4.685
50	A183B	-4.699	-9.437	4.738
50	A184B	-5.063	-9.720	4.657
50	A146B	-4.957	-9.497	4.540
50	A182B	-4.761	-9.403	4.642
50	A179UB	-4.638	-4.687	0.049
50	A176UB	-4.762	-4.767	0.005
50	A174UB	-4.906	-4.951	0.045
50	A172UB	-4.774	-4.773	-0.001
50	A171UB	-4.663	-4.708	0.045
50	C41UB	-4.609	-4.678	0.069
50	C42UB	-4.500	-4.537	0.037
50	C43UB	-4.457	-4.508	0.051
50	C44UB	-4.874	-4.960	0.086
50	C46UB	-4.792	-4.784	-0.008
50	C49UB	-4.785	-4.811	0.026
50	C50UB	-4.840	-4.878	0.038
50	B44UB	-4.704	-4.777	0.073
50	B40UB	-4.842	-4.931	0.089
50	B37UB	-5.033	-5.065	0.032
50	B32UB	-4.972	-4.994	0.022
50	B26UB	-4.730	-4.736	0.006
50	B39UB	-5.008	-5.057	0.049
50	B35UB	-4.916	-4.970	0.054
50	B80UB	-4.910	-4.948	0.038
50	A178UB	-4.770	-4.812	0.042
50	A173UB	-4.772	-4.818	0.046
	Max	-4.408	-4.407	4.894
	Average	-4.756	-5.780	1.024
	Min	-5.063	-9.720	-0.022
	Std Dev	0.167	1.870	1.850



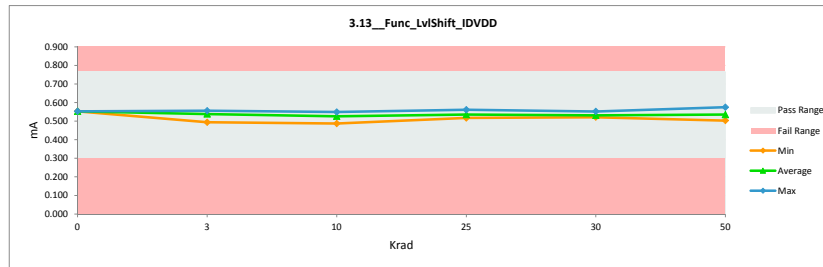
3.12_Func_LvlShift_IAVSS						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	-0.5	mA				
Min Limit	-11	mA				
Krad	0	3	10	25	30	50
LL	-11.000	-11.000	-11.000	-11.000	-11.000	-11.000
Min	-4.911	-5.015	-5.009	-5.058	-4.926	-9.720
Average	-4.911	-4.754	-4.766	-4.777	-4.743	-6.610
Max	-4.911	-4.532	-4.407	-4.476	-4.559	-4.508
UL	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500



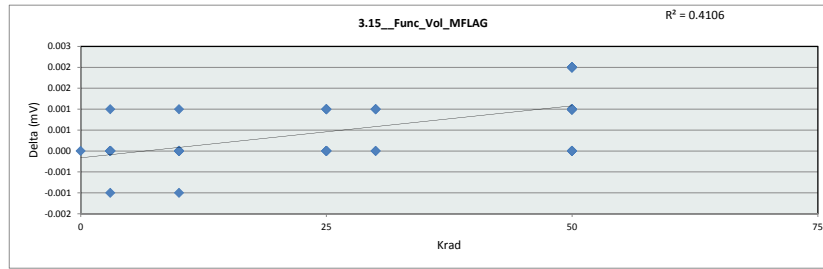
3.13_Func_LvlShift_IDVDD				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	0.765	0.765		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.557	0.553	0.004
3	B48B	0.526	0.532	-0.006
3	B51B	0.556	0.556	0.000
3	C60B	0.545	0.544	0.001
3	A162B	0.542	0.540	0.002
3	A165B	0.500	0.494	0.006
3	A155UB	0.544	0.544	0.000
3	A154UB	0.540	0.539	0.001
3	66UB	0.555	0.553	0.002
3	69UB	0.552	0.550	0.002
3	C72UB	0.530	0.532	-0.002
10	B54B	0.570	0.549	0.021
10	B56B	0.548	0.540	0.008
10	C61B	0.525	0.535	-0.010
10	C62B	0.531	0.534	-0.003
10	A160B	0.522	0.513	0.009
10	B70UB	0.484	0.487	-0.003
10	B72UB	0.538	0.536	0.002
10	C73UB	0.518	0.517	0.001
10	A145UB	0.531	0.528	0.003
10	A153UB	0.525	0.524	0.001
25	A158B	0.524	0.519	0.005
25	B59B	0.541	0.524	0.017
25	B63B	0.565	0.551	0.014
25	C64B	0.518	0.517	0.001
25	C68B	0.543	0.544	-0.001
25	A152UB	0.563	0.561	0.002
25	A150UB	0.547	0.546	0.001
25	B1UB	0.529	0.523	0.006
25	B4UB	0.551	0.542	0.009
25	C74UB	0.537	0.528	0.009
25	AA155B	0.524	0.521	0.003
30	BB59B	0.541	0.523	0.018
30	BB63B	0.565	0.552	0.013
30	CC64B	0.518	0.521	-0.003
30	CC68B	0.543	0.540	0.003
50	C32B	0.522	0.539	-0.017
50	C33B	0.532	0.529	0.003
50	C34B	0.506	0.503	0.003
50	C39B	0.530	0.521	0.009
50	C78B	0.517	0.531	-0.014
50	C79B	0.512	0.531	-0.019
50	C80B	0.529	0.546	-0.017
50	B14B	0.547	0.542	0.005
50	B15B	0.515	0.525	-0.010
50	B18B	0.544	0.575	-0.031
50	B10B	0.549	0.564	-0.015
50	B11B	0.520	0.548	-0.028
50	B13B	0.539	0.533	0.006
50	B17B	0.541	0.552	-0.011
50	B185B	0.544	0.533	0.011
50	A186B	0.551	0.543	0.008
50	A180B	0.551	0.555	-0.004
50	A148B	0.530	0.535	-0.005
50	A183B	0.546	0.560	-0.014
50	A184B	0.516	0.551	-0.035
50	A146B	0.559	0.562	-0.003
50	A182B	0.539	0.550	-0.011
50	A179UB	0.533	0.529	0.004
50	A176UB	0.530	0.533	-0.003
50	A174UB	0.563	0.549	0.014
50	A172UB	0.538	0.531	0.007
50	A171UB	0.542	0.534	0.008
50	C41UB	0.531	0.529	0.002
50	C42UB	0.527	0.529	-0.002
50	C43UB	0.534	0.523	0.011
50	C44UB	0.529	0.528	0.001
50	C46UB	0.529	0.524	0.005
50	C49UB	0.554	0.548	0.006
50	C50UB	0.519	0.513	0.006
50	B44UB	0.551	0.531	0.020
50	B40UB	0.520	0.503	0.017
50	B37UB	0.547	0.525	0.022
50	B32UB	0.537	0.517	0.020
50	B26UB	0.566	0.545	0.021
50	B39UB	0.525	0.528	-0.003
50	B35UB	0.541	0.523	0.018
50	B80UB	0.553	0.536	0.017
50	A178UB	0.511	0.513	-0.002
50	A173UB	0.541	0.538	0.003
	Max	0.570	0.575	0.022
	Average	0.536	0.535	0.002
	Min	0.484	0.487	-0.035
	Std Dev	0.016	0.016	0.011



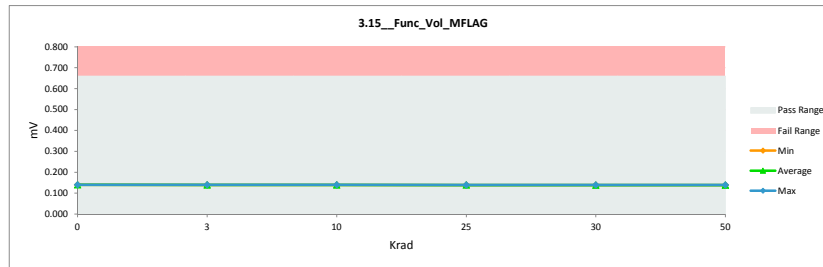
3.13_Func_LvlShift_IDVDD						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.765	mA				
Min Limit	0.3	mA				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.553	0.494	0.487	0.517	0.521	0.503
Average	0.553	0.538	0.526	0.536	0.531	0.535
Max	0.553	0.556	0.549	0.561	0.552	0.575
UL	0.765	0.765	0.765	0.765	0.765	0.765



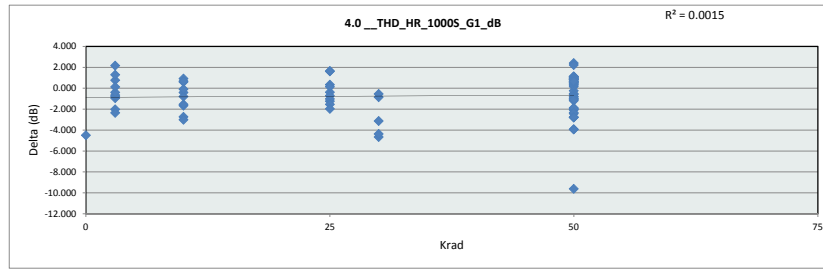
		3.15_Func_Vol_MFLAG		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	mV	mV		
Max Limit	0.66	0.66		
Min Limit	0	0		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.140	0.140	0.000
3	B48B	0.139	0.139	0.000
3	B51B	0.139	0.139	0.000
3	C60B	0.139	0.140	-0.001
3	A162B	0.139	0.139	0.000
3	A165B	0.139	0.139	0.000
3	A155UB	0.139	0.139	0.000
3	A154UB	0.139	0.139	0.000
3	66UB	0.140	0.139	0.001
3	69UB	0.139	0.139	0.000
3	C72UB	0.139	0.139	0.000
10	B54B	0.139	0.140	-0.001
10	B56B	0.139	0.139	0.000
10	C61B	0.139	0.139	0.000
10	C62B	0.139	0.139	0.000
10	A160B	0.139	0.139	0.000
10	B70UB	0.140	0.139	0.001
10	B72UB	0.139	0.139	0.000
10	C73UB	0.139	0.139	0.000
10	A145UB	0.139	0.139	0.000
10	A153UB	0.140	0.140	0.000
25	A158B	0.139	0.138	0.001
25	B59B	0.139	0.138	0.001
25	B63B	0.139	0.139	0.000
25	C64B	0.138	0.138	0.000
25	C68B	0.139	0.139	0.000
25	A152UB	0.139	0.139	0.000
25	A150UB	0.139	0.138	0.001
25	B1UB	0.140	0.139	0.001
25	B4UB	0.139	0.139	0.000
25	C74UB	0.139	0.139	0.000
30	AA156B	0.139	0.138	0.001
30	BB59B	0.139	0.138	0.001
30	BB63B	0.139	0.138	0.001
30	CC64B	0.138	0.138	0.000
30	CC68B	0.139	0.139	0.000
50	C32B	0.139	0.138	0.001
50	C33B	0.139	0.138	0.001
50	C34B	0.139	0.138	0.001
50	C39B	0.139	0.139	0.000
50	C78B	0.139	0.138	0.001
50	C79B	0.140	0.138	0.002
50	C80B	0.140	0.139	0.001
50	B14B	0.139	0.138	0.001
50	B15B	0.140	0.138	0.002
50	B18B	0.139	0.138	0.001
50	B10B	0.140	0.138	0.002
50	B11B	0.140	0.138	0.002
50	B13B	0.140	0.138	0.002
50	B17B	0.139	0.138	0.001
50	B185B	0.139	0.138	0.001
50	A186B	0.140	0.138	0.002
50	A180B	0.140	0.138	0.002
50	A148B	0.139	0.138	0.001
50	A183B	0.139	0.138	0.001
50	A184B	0.140	0.138	0.002
50	A146B	0.140	0.138	0.002
50	A182B	0.140	0.138	0.002
50	A179UB	0.140	0.138	0.002
50	A176UB	0.139	0.138	0.001
50	A174UB	0.140	0.139	0.001
50	A172UB	0.139	0.138	0.001
50	A171UB	0.140	0.139	0.001
50	C41UB	0.139	0.138	0.001
50	C42UB	0.139	0.139	0.000
50	C43UB	0.139	0.139	0.000
50	C44UB	0.139	0.139	0.000
50	C46UB	0.139	0.139	0.000
50	C49UB	0.139	0.138	0.001
50	C50UB	0.139	0.139	0.000
50	B44UB	0.139	0.138	0.001
50	B40UB	0.140	0.139	0.001
50	B37UB	0.139	0.138	0.001
50	B32UB	0.139	0.138	0.001
50	B26UB	0.139	0.138	0.001
50	B39UB	0.140	0.139	0.001
50	B35UB	0.139	0.138	0.001
50	B80UB	0.139	0.138	0.001
50	A178UB	0.139	0.139	0.000
50	A173UB	0.140	0.139	0.001
	Max	0.140	0.140	0.002
	Average	0.139	0.139	0.001
	Min	0.138	0.138	-0.001
	Std Dev	0.000	0.001	0.001



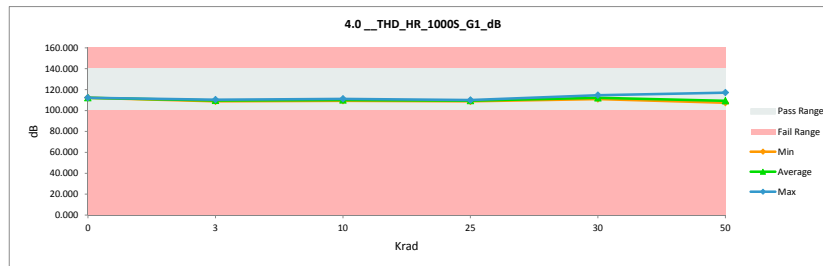
		3.15_Func_Vol_MFLAG					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	0.66	mV					
Min Limit	0	mV					
Krad	0	3	10	25	30	50	
LL	0.000	0.000	0.000	0.000	0.000	0.000	
Min	0.140	0.139	0.139	0.138	0.138	0.138	
Average	0.140	0.139	0.139	0.139	0.138	0.138	
Max	0.140	0.140	0.140	0.139	0.139	0.139	
UL	0.660	0.660	0.660	0.660	0.660	0.660	



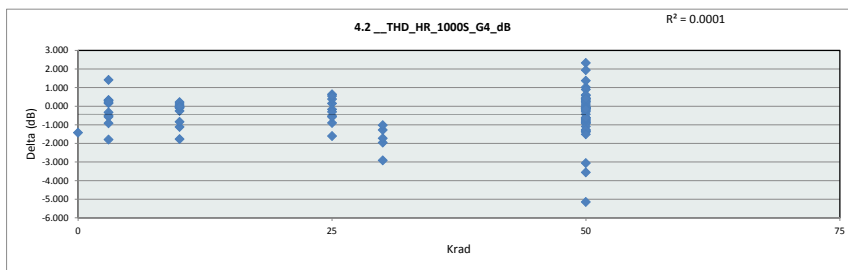
		4.0_THD_HR_1000S_G1_dB		
Test Site		CLAB	CLAB	
Tester		Eagle3	Eagle3	
Test Number		EF651300	EF651300	
Unit		dB	dB	
Max Limit		140	140	
Min Limit		100	100	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	107.763	112.260	-4.497
3	B48B	108.324	109.108	-0.784
3	B51B	107.829	108.779	-0.950
3	C60B	111.280	109.120	2.160
3	A162B	110.026	109.268	0.758
3	A165B	110.656	109.377	1.279
3	A155UB	109.515	110.178	-0.663
3	A154UB	109.789	110.187	-0.398
3	66UB	107.751	109.768	-2.017
3	69UB	108.078	110.432	-2.354
3	C72UB	110.483	110.367	0.116
10	B54B	108.320	111.062	-2.742
10	B56B	108.160	111.181	-3.021
10	C61B	111.160	110.238	0.922
10	C62B	110.841	110.253	0.588
10	A160B	109.559	109.971	-0.412
10	B70UB	108.355	110.028	-1.673
10	B72UB	108.206	109.746	-1.540
10	C73UB	110.191	109.516	0.675
10	A145UB	108.549	109.345	-0.796
10	A153UB	109.466	109.559	-0.093
25	A158B	110.037	109.709	0.328
25	B59B	107.981	109.220	-1.239
25	B63B	108.122	109.150	-1.028
25	C64B	110.670	109.056	1.614
25	C68B	110.459	108.828	1.631
25	A152UB	109.308	109.688	-0.380
25	A150UB	109.129	109.848	-0.719
25	B1UB	108.096	109.637	-1.541
25	B4UB	108.041	110.020	-1.979
25	C74UB	109.916	109.788	0.128
30	AA158B	110.037	114.707	-4.670
30	BB59B	107.981	112.357	-4.376
30	BB63B	108.122	111.258	-3.136
30	CC64B	110.670	111.529	-0.859
30	CC68B	110.459	111.013	-0.554
50	C32B	108.695	109.221	-0.526
50	C33B	109.087	109.340	-0.253
50	C34B	108.898	109.495	-0.597
50	C39B	109.173	109.968	-0.795
50	C78B	109.926	107.535	2.391
50	C79B	109.471	110.665	-1.194
50	C80B	109.707	110.739	-1.032
50	B14B	107.924	109.976	-2.052
50	B15B	107.859	110.634	-2.775
50	B18B	107.475	110.275	-2.800
50	B10B	107.749	109.818	-2.069
50	B11B	107.948	110.383	-2.435
50	B13B	107.739	109.684	-1.945
50	B17B	107.773	109.656	-1.883
50	B185B	107.475	117.100	-9.625
50	A186B	109.039	112.967	-3.928
50	A180B	109.014	112.941	-3.927
50	A148B	109.470	110.309	-0.839
50	A183B	108.867	109.864	-0.997
50	A184B	109.145	111.488	-2.343
50	A146B	109.139	111.904	-2.765
50	A182B	109.058	110.166	-1.108
50	A179UB	108.439	108.296	0.143
50	A176UB	108.647	108.055	0.592
50	A174UB	108.602	108.222	0.380
50	A172UB	108.406	108.002	0.404
50	A171UB	108.497	108.211	0.286
50	C41UB	109.145	108.248	0.897
50	C42UB	110.107	107.896	2.211
50	C43UB	108.938	107.837	1.101
50	C44UB	109.035	108.081	0.954
50	C46UB	108.817	107.742	1.075
50	C49UB	109.188	108.200	0.988
50	C50UB	108.965	107.831	1.134
50	B44UB	109.046	107.975	1.071
50	B40UB	109.071	108.199	0.872
50	B37UB	108.659	107.784	0.875
50	B32UB	108.482	107.936	0.546
50	B26UB	108.543	107.755	0.788
50	B39UB	108.556	108.061	0.495
50	B35UB	109.111	108.339	0.772
50	B80UB	108.613	107.773	0.840
50	A178UB	108.994	108.359	0.635
50	A173UB	108.405	107.747	0.658
	Max	111.280	117.100	2.391
	Average	108.978	109.703	-0.725
	Min	107.475	107.535	-9.625
	Std Dev	0.923	1.640	1.923



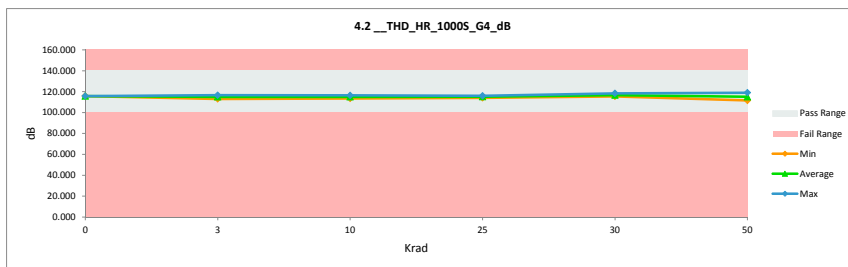
		4.0_THD_HR_1000S_G1_dB					
Test Site		CLAB					
Tester		Eagle3					
Test Number		EF651300					
Max Limit		140	dB				
Min Limit		100	dB				
Krad		0	3	10	25	30	50
LL		100.000	100.000	100.000	100.000	100.000	100.000
Min		112.260	108.779	109.345	108.828	111.013	107.535
Average		112.260	109.658	110.090	109.494	112.173	109.334
Max		112.260	110.432	111.181	110.020	114.707	117.100
UL		140.000	140.000	140.000	140.000	140.000	140.000



		4.2 THD_HR_1000S_G4_dB		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	100	100		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	114.325	115.755	-1.430
3	B48B	116.004	116.341	-0.337
3	B51B	113.347	113.037	0.310
3	C60B	116.497	115.087	1.410
3	A162B	115.515	115.364	0.151
3	A165B	114.978	114.651	0.327
3	A155UB	115.542	115.329	0.213
3	A154UB	114.150	114.665	-0.515
3	66UB	114.035	114.615	-0.580
3	69UB	114.805	116.607	-1.802
3	C72UB	113.496	114.418	-0.922
10	B54B	115.121	116.241	-1.120
10	B56B	114.702	116.473	-1.771
10	C61B	114.661	114.641	0.020
10	C62B	114.839	114.919	-0.080
10	A160B	113.577	113.461	0.116
10	B70UB	114.895	115.151	-0.256
10	B72UB	114.633	115.474	-0.841
10	C73UB	114.302	114.086	0.216
10	A145UB	115.046	115.142	-0.096
10	A153UB	114.835	114.860	-0.025
25	A158B	116.441	115.808	0.633
25	B59B	113.235	114.135	-0.900
25	B63B	114.926	115.460	-0.534
25	C64B	115.553	115.406	0.147
25	C68B	114.454	114.075	0.379
25	A152UB	114.888	114.345	0.543
25	A150UB	115.369	115.539	-0.170
25	B1UB	114.384	115.994	-1.610
25	B4UB	114.893	115.466	-0.573
25	C74UB	114.762	115.071	-0.309
30	AA155B	116.441	118.398	-1.957
30	BB59B	113.235	116.148	-2.913
30	BB63B	114.926	116.655	-1.729
30	CC64B	115.553	116.834	-1.281
30	CC68B	114.454	115.476	-1.022
50	C32B	113.909	114.778	-0.869
50	C33B	114.252	115.633	-1.381
50	C34B	113.541	114.282	-0.741
50	C39B	114.433	115.252	-0.819
50	C78B	113.886	111.567	2.319
50	C79B	114.357	114.351	0.006
50	C80B	115.073	115.964	-0.891
50	B14B	114.108	115.044	-0.936
50	B15B	115.071	118.129	-3.058
50	B18B	113.878	115.188	-1.310
50	B10B	114.179	113.907	0.272
50	B11B	114.614	112.682	1.932
50	B13B	114.105	113.093	1.012
50	B17B	114.556	114.632	-0.076
50	B185B	113.878	119.031	-5.153
50	A186B	114.726	118.291	-3.565
50	A180B	115.766	116.858	-1.092
50	A148B	113.532	114.284	-0.752
50	A183B	114.898	114.520	0.378
50	A184B	115.125	113.758	1.367
50	A146B	114.836	115.279	-0.443
50	A182B	114.579	115.947	-1.368
50	A179UB	113.995	114.643	-0.648
50	A176UB	114.949	114.557	0.392
50	A174UB	115.803	115.958	-0.155
50	A172UB	113.942	114.551	-0.609
50	A171UB	114.304	115.565	-1.261
50	C41UB	115.008	115.095	-0.087
50	C42UB	115.362	114.791	0.571
50	C43UB	113.387	113.685	-0.298
50	C44UB	114.201	114.839	-0.638
50	C46UB	114.440	114.574	-0.134
50	C49UB	115.961	115.067	0.894
50	C50UB	115.198	114.761	0.437
50	B44UB	115.709	115.495	0.214
50	B40UB	115.967	115.852	0.115
50	B37UB	115.231	114.964	0.267
50	B32UB	114.987	115.230	-0.243
50	B26UB	114.716	114.110	0.606
50	B39UB	116.253	115.847	0.406
50	B35UB	115.482	115.555	-0.073
50	B80UB	115.613	115.721	-0.108
50	A178UB	114.599	116.117	-1.518
50	A173UB	113.770	113.923	-0.153
	Max	116.497	119.031	2.319
	Average	114.737	115.181	-0.444
	Min	113.235	111.567	-5.153
	Std Dev	0.779	1.211	1.131

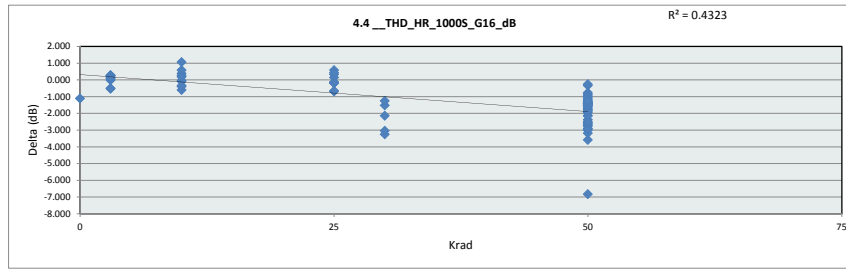


		4.2 THD_HR_1000S_G4_dB					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	140	dB					
Min Limit	100	dB					
Krad	0	3	10	25	30	50	
LL	100.000	100.000	100.000	100.000	100.000	100.000	
Min	115.755	113.037	113.461	114.075	115.476	111.567	
Average	115.755	115.011	115.045	115.130	116.702	115.077	
Max	115.755	116.607	116.473	115.994	118.398	119.031	
UL	140.000	140.000	140.000	140.000	140.000	140.000	



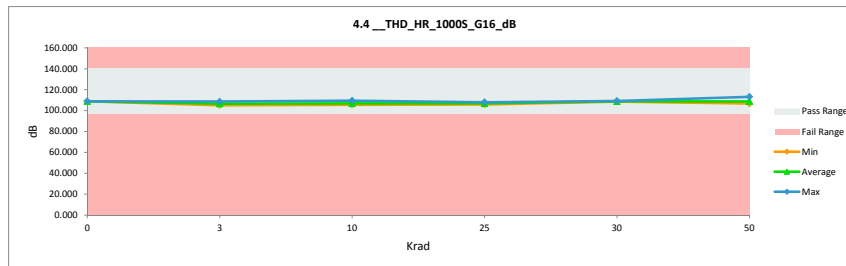
4.4 THD_HR_1000S_G16_dB	
Test Site	CLAB
Tester	Eagle3
Test Number	EF651300
Unit	dB
Max Limit	140
Min Limit	96

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	107.806	108.924	-1.118
3	B48B	108.921	108.665	0.256
3	B51B	105.040	105.567	-0.527
3	C60B	106.841	107.339	-0.498
3	A162B	106.177	106.199	-0.022
3	A165B	106.540	106.325	0.215
3	A155UB	107.218	106.941	0.277
3	A154UB	105.730	105.676	0.054
3	66UB	106.378	106.285	0.093
3	69UB	107.714	107.443	0.271
3	C72UB	105.173	105.034	0.139
10	B54B	106.733	107.081	-0.348
10	B56B	107.933	108.021	-0.088
10	C61B	105.868	105.492	0.376
10	C62B	106.284	106.325	-0.041
10	A160B	105.787	105.533	0.254
10	B70UB	108.865	109.471	-0.606
10	B72UB	107.150	107.550	-0.400
10	C73UB	106.333	105.757	0.576
10	A145UB	106.744	106.567	0.177
10	A153UB	107.436	106.376	1.060
25	A158B	107.277	107.974	-0.697
25	B59B	105.638	105.813	-0.175
25	B63B	107.284	106.956	0.328
25	C64B	106.147	106.815	-0.668
25	C68B	106.423	106.630	-0.207
25	A152UB	106.512	105.930	0.582
25	A150UB	107.037	107.174	-0.137
25	B1UB	107.908	107.774	0.134
25	B4UB	107.182	107.327	-0.145
25	C74UB	106.200	105.781	0.419
30	AA158B	107.277	108.801	-1.524
30	BB59B	105.638	108.892	-3.254
30	BB63B	107.284	108.543	-1.259
30	CC64B	106.147	109.189	-3.042
30	CC68B	106.423	108.569	-2.146
50	C32B	104.994	107.383	-2.389
50	C33B	106.628	108.027	-1.399
50	C34B	106.077	108.038	-1.961
50	C39B	105.448	108.092	-2.644
50	C78B	106.466	107.379	-0.913
50	C79B	106.044	108.799	-2.755
50	C80B	105.859	108.867	-3.008
50	B14B	107.141	107.484	-0.343
50	B15B	108.733	110.248	-1.515
50	B18B	106.359	109.549	-3.190
50	B10B	107.353	110.289	-2.936
50	B11B	107.757	109.204	-1.447
50	B13B	106.622	106.883	-0.261
50	B17B	106.167	109.757	-3.590
50	B185B	106.359	113.192	-6.833
50	A186B	106.927	109.527	-2.600
50	A180B	108.001	110.753	-2.752
50	A148B	105.284	108.188	-2.904
50	A183B	106.543	107.630	-1.087
50	A184B	107.791	109.609	-1.818
50	A146B	107.011	109.513	-2.502
50	A182B	106.995	108.789	-1.794
50	A179UB	105.694	107.413	-1.719
50	A176UB	105.947	108.091	-2.144
50	A174UB	107.804	109.138	-1.334
50	A172UB	105.968	108.110	-2.142
50	A171UB	106.653	108.077	-1.424
50	C41UB	106.336	107.680	-1.344
50	C42UB	106.926	107.692	-0.766
50	C43UB	105.289	106.671	-1.382
50	C44UB	106.010	107.878	-1.868
50	C46UB	106.792	108.218	-1.426
50	C49UB	106.918	109.496	-2.578
50	C50UB	107.715	108.575	-0.860
50	B44UB	106.808	108.205	-1.397
50	B40UB	108.062	109.688	-1.626
50	B37UB	107.315	108.341	-1.026
50	B32UB	107.043	108.342	-1.299
50	B26UB	106.445	107.629	-1.184
50	B39UB	108.976	110.511	-1.535
50	B35UB	107.205	108.732	-1.527
50	B80UB	108.344	109.919	-1.575
50	A178UB	107.912	109.389	-1.477
50	A173UB	105.731	106.985	-1.254
Max		108.976	113.192	1.060
Average		106.769	107.959	-1.190
Min		104.994	105.034	-6.833
Std Dev		0.917	1.466	1.281

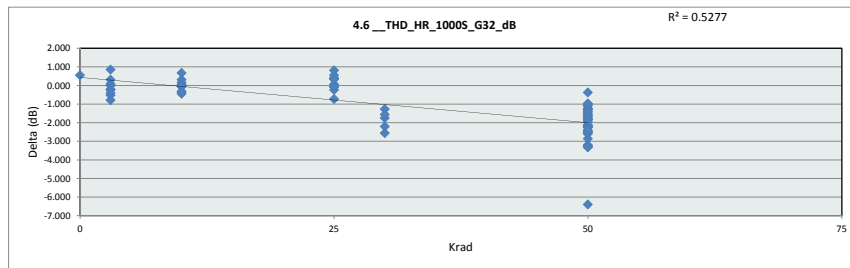


4.4 THD_HR_1000S_G16_dB	
Test Site	CLAB
Tester	Eagle3
Test Number	EF651300
Max Limit	140
Min Limit	96

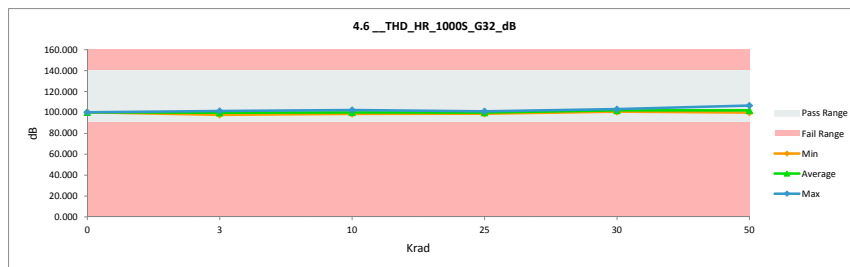
Krad	0	3	10	25	30	50
LL	96.000	96.000	96.000	96.000	96.000	96.000
Min	108.924	105.034	105.492	105.781	108.543	106.671
Average	108.924	106.547	106.817	106.817	108.799	108.681
Max	108.924	108.665	109.471	107.974	109.189	113.192
UL	140.000	140.000	140.000	140.000	140.000	140.000



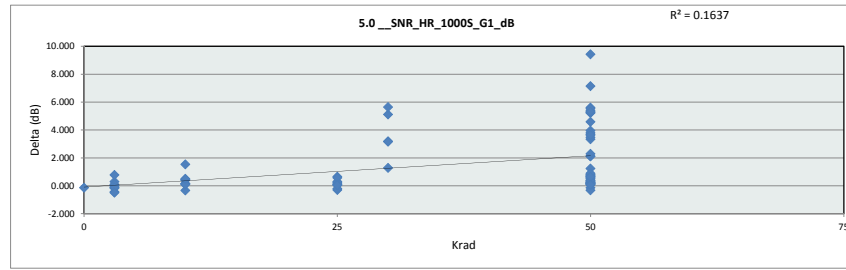
		4.6_THD_HR_1000S_G32_dB		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	90	90		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	100.689	100.132	0.557
3	B48B	101.684	101.367	0.317
3	B51B	97.795	97.711	0.084
3	C60B	100.801	101.023	-0.222
3	A162B	99.706	99.697	0.009
3	A165B	99.199	99.195	0.004
3	A155UB	101.369	100.509	0.860
3	A154UB	98.356	99.142	-0.786
3	66UB	98.999	99.211	-0.212
3	69UB	100.717	101.237	-0.520
3	C72UB	98.082	98.476	-0.394
10	B54B	100.268	100.323	-0.055
10	B56B	101.562	101.249	0.313
10	C61B	98.982	98.830	0.152
10	C62B	99.800	99.757	0.043
10	A160B	98.617	98.949	-0.332
10	B70UB	102.297	102.280	0.017
10	B72UB	99.804	100.244	-0.440
10	C73UB	98.659	98.701	-0.042
10	A145UB	100.423	99.744	0.679
10	A153UB	99.721	100.048	-0.327
25	A158B	101.893	101.078	0.815
25	B59B	98.510	98.744	-0.234
25	B63B	100.623	100.553	0.070
25	C64B	99.502	100.224	-0.722
25	C68B	99.797	99.417	0.380
25	A152UB	99.572	99.640	-0.068
25	A150UB	100.705	100.296	0.409
25	B1UB	100.630	100.076	0.554
25	B4UB	100.190	99.860	0.330
25	C74UB	98.803	98.879	-0.076
30	AA158B	101.893	103.163	-1.270
30	BB59B	98.510	100.710	-2.200
30	BB63B	100.623	102.369	-1.746
30	CC64B	99.502	102.062	-2.560
30	CC68B	99.797	101.358	-1.561
50	C32B	98.653	99.917	-1.264
50	C33B	98.373	100.621	-2.248
50	C34B	99.079	100.933	-1.854
50	C39B	98.733	101.233	-2.500
50	C78B	98.920	101.371	-2.451
50	C79B	98.845	102.149	-3.304
50	C80B	99.760	102.259	-2.499
50	B14B	100.121	102.288	-2.167
50	B15B	102.337	104.523	-2.186
50	B18B	100.203	102.803	-2.600
50	B10B	100.003	102.222	-2.219
50	B11B	100.671	102.787	-2.116
50	B13B	99.523	101.022	-1.499
50	B17B	99.143	102.349	-3.206
50	B185B	100.203	106.594	-6.391
50	A186B	100.214	103.522	-3.308
50	A180B	101.566	103.738	-2.172
50	A148B	98.062	100.918	-2.856
50	A183B	99.377	101.620	-2.243
50	A184B	100.490	103.712	-3.222
50	A146B	100.053	103.360	-3.307
50	A182B	99.813	102.352	-2.539
50	A179UB	98.928	100.019	-1.091
50	A176UB	99.313	101.086	-1.773
50	A174UB	101.072	102.357	-1.285
50	A172UB	98.832	100.504	-1.672
50	A171UB	99.812	101.104	-1.292
50	C41UB	99.921	100.883	-0.962
50	C42UB	99.662	100.716	-1.054
50	C43UB	98.401	100.078	-1.677
50	C44UB	99.659	100.931	-1.272
50	C46UB	98.940	101.330	-2.390
50	C49UB	100.908	101.277	-0.369
50	C50UB	100.505	102.093	-1.588
50	B44UB	99.811	101.613	-1.802
50	B40UB	100.804	102.037	-1.233
50	B37UB	100.464	102.255	-1.791
50	B32UB	100.152	101.758	-1.606
50	B26UB	99.714	100.994	-1.280
50	B39UB	101.901	103.690	-1.789
50	B35UB	100.695	102.120	-1.425
50	B80UB	102.224	103.609	-1.385
50	A178UB	100.669	102.606	-1.937
50	A173UB	98.900	99.892	-0.992
	Max	102.337	106.594	0.860
	Average	99.919	101.144	-1.225
	Min	97.795	97.711	-6.391
	Std Dev	1.076	1.556	1.274



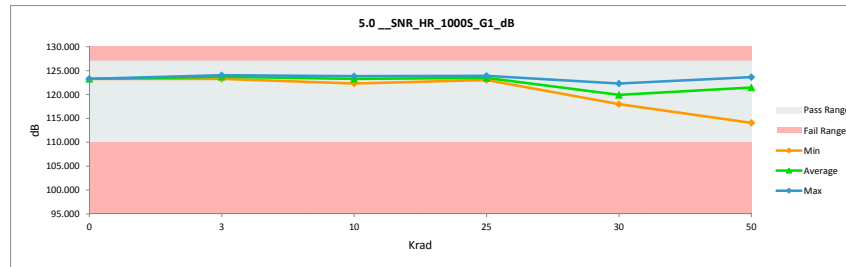
		4.6_THD_HR_1000S_G32_dB					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	140	dB					
Min Limit	90	dB					
Krad	0	3	10	25	30	50	
LL	90.000	90.000	90.000	90.000	90.000	90.000	
Min	100.132	97.711	98.701	98.744	100.710	99.892	
Average	100.132	99.757	100.013	99.877	101.932	101.937	
Max	100.132	101.367	102.280	101.078	103.163	106.594	
UL	140.000	140.000	140.000	140.000	140.000	140.000	



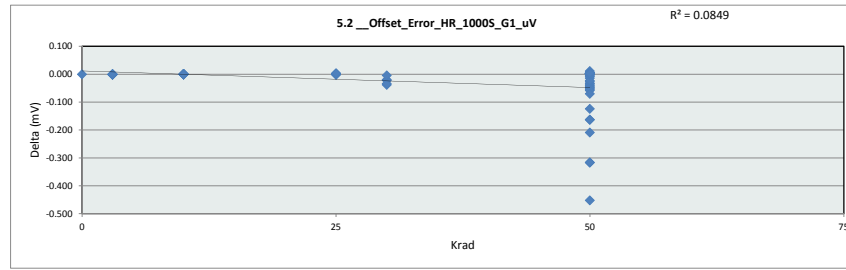
		5.0_SNR_HR_1000S_G1_dB		
Test Site		CLAB	CLAB	
Tester		Eagle3	Eagle3	
Test Number		EF651300	EF651300	
Unit		dB	dB	
Max Limit		127	127	
Min Limit		110	110	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	123.139	123.275	-0.136
3	B48B	123.570	123.559	0.011
3	B51B	124.114	123.817	0.297
3	C60B	123.394	123.828	-0.434
3	A162B	123.689	123.856	-0.167
3	A165B	123.638	123.725	-0.087
3	A155UB	123.776	123.731	0.045
3	A154UB	123.682	123.573	0.109
3	66UB	123.461	123.585	-0.124
3	69UB	123.572	124.062	-0.490
3	C72UB	124.048	123.265	0.783
10	B54B	123.553	123.393	0.160
10	B56B	123.550	123.086	0.464
10	C61B	123.351	123.678	-0.327
10	C62B	123.787	123.368	0.419
10	A160B	123.620	123.208	0.412
10	B70UB	123.297	123.161	0.136
10	B72UB	123.645	123.505	0.140
10	C73UB	123.942	123.847	0.095
10	A145UB	123.861	122.323	1.538
10	A153UB	123.799	123.290	0.509
25	A158B	123.610	123.912	-0.302
25	B59B	123.455	123.654	-0.199
25	B63B	123.654	123.508	0.146
25	C64B	123.695	123.458	0.237
25	C68B	123.634	123.547	0.087
25	A152UB	124.082	123.429	0.653
25	A150UB	123.336	123.035	0.301
25	B1UB	123.901	123.321	0.580
25	B4UB	123.454	123.378	0.076
25	C74UB	123.481	123.635	0.046
30	AA156B	123.610	122.323	1.287
30	BB59B	123.455	120.264	3.191
30	BB63B	123.654	118.537	5.117
30	CC64B	123.695	120.524	3.171
30	CC68B	123.634	117.985	5.649
50	C32B	123.492	118.274	5.218
50	C33B	123.495	121.374	2.121
50	C34B	123.478	122.688	0.790
50	C39B	123.692	122.446	1.246
50	C78B	123.869	121.758	2.111
50	C79B	123.224	119.881	3.343
50	C80B	123.505	118.255	5.250
50	B14B	123.796	120.317	3.479
50	B15B	123.487	118.897	4.590
50	B18B	123.494	114.065	9.429
50	B10B	123.589	119.632	3.957
50	B11B	123.559	118.176	5.383
50	B13B	123.253	119.556	3.697
50	B17B	123.678	118.063	5.615
50	B185B	123.494	119.697	3.797
50	A186B	123.683	116.534	7.149
50	A180B	123.889	120.248	3.641
50	A148B	123.416	117.889	5.527
50	A183B	123.770	122.986	0.784
50	A184B	123.433	121.134	2.299
50	A146B	123.541	118.227	5.314
50	A182B	123.410	123.086	0.324
50	A179UB	123.427	122.879	0.548
50	A176UB	123.395	123.208	0.187
50	A174UB	123.646	123.431	0.215
50	A172UB	123.460	123.349	0.111
50	A171UB	123.856	123.521	0.335
50	C41UB	123.828	123.416	0.412
50	C42UB	123.616	123.429	0.187
50	C43UB	123.736	123.188	0.548
50	C44UB	123.919	123.287	0.632
50	C46UB	122.391	122.265	0.126
50	C49UB	123.770	123.099	0.671
50	C50UB	123.410	123.294	0.116
50	B44UB	123.515	123.269	0.246
50	B40UB	123.330	123.119	0.211
50	B37UB	123.716	122.968	0.748
50	B32UB	123.353	123.159	0.194
50	B26UB	123.506	123.645	-0.139
50	B39UB	122.897	123.220	-0.323
50	B35UB	123.800	123.404	0.396
50	B80UB	124.145	123.248	0.897
50	A178UB	123.835	123.188	0.647
50	A173UB	123.447	123.372	0.075
	Max	124.145	124.062	9.429
	Average	123.591	122.147	1.444
	Min	122.391	114.065	-0.490
	Std Dev	0.259	2.137	2.122



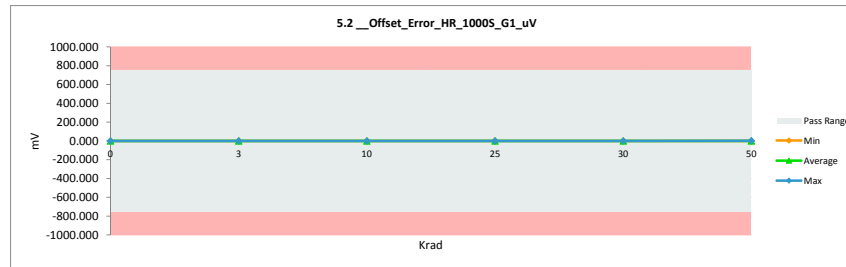
		5.0_SNR_HR_1000S_G1_dB					
Test Site		CLAB					
Tester		Eagle3					
Test Number		EF651300					
Max Limit		127	dB				
Min Limit		110	dB				
Krad		0	3	10	25	30	50
LL		110.000	110.000	110.000	110.000	110.000	110.000
Min		123.275	123.265	122.323	123.035	117.985	114.065
Average		123.275	123.700	123.286	123.488	119.927	121.458
Max		123.275	124.062	123.847	123.912	122.323	123.645
UL		127.000	127.000	127.000	127.000	127.000	127.000



		5.2 _Offset_Error_HR_1000S_G		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	mV	mV		
Max Limit	500	750		
Min Limit	-200	-750		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.034	-0.034	0.000
3	B48B	-0.017	-0.017	0.000
3	B51B	-0.025	-0.025	0.000
3	C60B	-0.017	-0.016	-0.001
3	A162B	-0.036	-0.034	-0.002
3	A165B	-0.014	-0.013	-0.001
3	A155UB	-0.030	-0.029	-0.001
3	A154UB	-0.034	-0.033	-0.001
3	66UB	-0.043	-0.043	0.000
3	69UB	-0.024	-0.024	0.000
3	C72UB	-0.030	-0.029	-0.001
10	B54B	-0.029	-0.028	-0.001
10	B56B	-0.011	-0.012	0.001
10	C61B	-0.011	-0.012	0.001
10	C62B	-0.039	-0.038	-0.001
10	A160B	0.002	0.003	-0.001
10	B70UB	-0.014	-0.013	-0.001
10	B72UB	-0.027	-0.028	0.001
10	C73UB	-0.020	-0.021	0.001
10	A145UB	-0.038	-0.037	-0.001
10	A153UB	-0.043	-0.042	-0.001
25	A158B	-0.027	-0.027	0.000
25	B59B	-0.022	-0.023	0.001
25	B63B	-0.001	-0.002	0.001
25	C64B	-0.029	-0.031	0.002
25	C68B	-0.009	-0.011	0.002
25	A152UB	-0.041	-0.039	-0.002
25	A150UB	-0.026	-0.026	0.000
25	B1UB	-0.002	-0.003	0.001
25	B4UB	-0.025	-0.026	0.001
25	C74UB	-0.015	-0.018	0.003
30	AA155B	-0.027	0.011	-0.038
30	BB59B	-0.022	-0.002	-0.020
30	BB63B	-0.001	0.021	-0.022
30	CC64B	-0.029	0.005	-0.034
30	CC68B	-0.009	-0.005	-0.004
50	C32B	-0.007	-0.018	0.011
50	C33B	-0.021	0.012	-0.033
50	C34B	-0.004	0.036	-0.040
50	C39B	-0.027	0.008	-0.035
50	C78B	-0.015	0.028	-0.043
50	C79B	0.016	0.043	-0.027
50	C80B	-0.020	-0.014	-0.006
50	B14B	-0.027	0.097	-0.124
50	B15B	-0.033	-0.019	-0.014
50	B18B	-0.050	0.266	-0.316
50	B10B	-0.029	0.019	-0.048
50	B11B	-0.019	0.298	-0.317
50	B13B	-0.020	-0.012	-0.008
50	B17B	-0.026	0.137	-0.163
50	B185B	-0.050	0.113	-0.163
50	A186B	-0.014	0.438	-0.452
50	A180B	-0.030	0.024	-0.054
50	A148B	-0.023	0.027	-0.050
50	A183B	-0.029	0.029	-0.058
50	A184B	-0.022	0.048	-0.070
50	A146B	-0.021	0.188	-0.209
50	A182B	-0.030	-0.007	-0.023
50	A179UB	-0.032	-0.034	0.002
50	A176UB	-0.059	-0.060	0.001
50	A174UB	-0.011	-0.014	0.003
50	A172UB	-0.034	-0.036	0.002
50	A171UB	0.024	0.019	0.005
50	C41UB	-0.035	-0.039	0.004
50	C42UB	-0.009	-0.012	0.003
50	C43UB	0.002	0.003	-0.001
50	C44UB	-0.024	-0.026	0.002
50	C46UB	-0.011	-0.009	-0.002
50	C49UB	-0.043	-0.044	0.001
50	C50UB	-0.019	-0.022	0.003
50	B44UB	-0.013	-0.017	0.004
50	B40UB	-0.031	-0.032	0.001
50	B37UB	-0.015	-0.018	0.003
50	B32UB	-0.019	-0.022	0.003
50	B26UB	-0.004	-0.006	0.002
50	B39UB	-0.019	-0.023	0.004
50	B35UB	-0.024	-0.028	0.004
50	B80UB	0.007	0.005	0.002
50	A178UB	-0.026	-0.029	0.003
50	A173UB	-0.033	-0.036	0.003
	Max	0.024	0.438	0.011
	Average	-0.022	0.007	-0.029
	Min	-0.059	-0.060	-0.452
	Std Dev	0.014	0.077	0.078

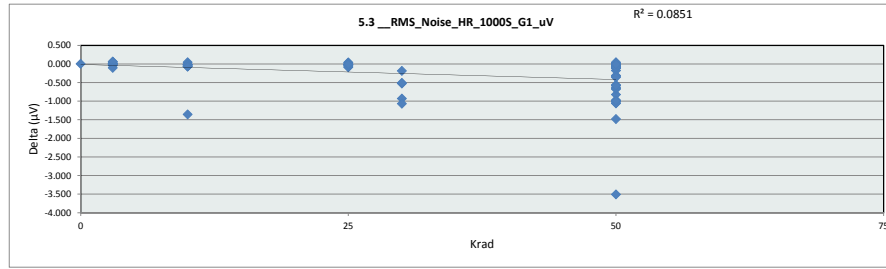


		5.2 _Offset_Error_HR_1000S					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	750	mV					
Min Limit	-750	mV					
Krad	0	3	10	25	30	50	
LL	-750.000	-750.000	-750.000	-750.000	-750.000	-750.000	
Min	-0.034	-0.043	-0.042	-0.039	-0.005	-0.060	
Average	-0.034	-0.026	-0.023	-0.021	0.006	0.029	
Max	-0.034	-0.013	0.003	-0.002	0.021	0.438	
UL	750.000	750.000	750.000	750.000	750.000	750.000	



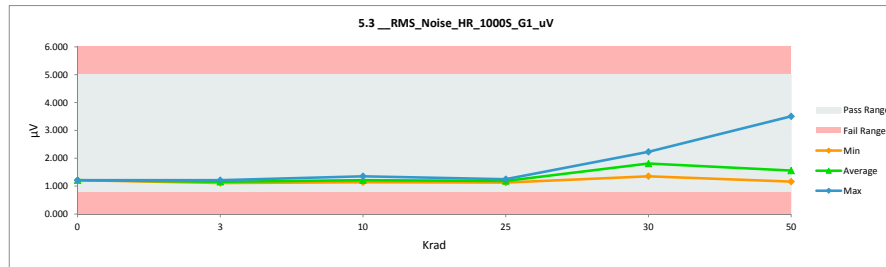
5.3 RMS_Noise_HR_1000S_G1		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Unit	µV	µV
Max Limit	2.497	5
Min Limit	0.79	0.79

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	1.214	1.214	0.000
3	B48B	1.174	1.175	-0.001
3	B51B	1.102	1.141	-0.039
3	C60B	1.198	1.139	0.059
3	A162B	1.158	1.136	0.022
3	A165B	1.164	1.153	0.011
3	A155UB	1.146	1.152	-0.006
3	A154UB	1.158	1.173	-0.015
3	66UB	1.188	1.172	0.016
3	69UB	1.173	1.109	0.064
3	C72UB	1.111	1.215	-0.104
10	B54B	1.176	1.198	-0.022
10	B56B	1.176	1.241	-0.065
10	C61B	1.204	1.159	0.045
10	C62B	1.145	1.201	-0.056
10	A160B	1.167	1.224	-0.057
10	B70UB	1.211	1.230	-0.019
10	B72UB	1.164	1.182	-0.018
10	C73UB	1.124	1.137	-0.013
10	A145UB	0.000	1.355	-1.355
10	A153UB	1.143	1.212	-0.069
25	A158B	1.168	1.128	0.040
25	B59B	1.189	1.162	0.027
25	B63B	1.162	1.182	-0.020
25	C64B	1.157	1.189	-0.032
25	C68B	1.165	1.177	-0.012
25	A152UB	1.106	1.193	-0.087
25	A150UB	1.206	1.248	-0.042
25	B1UB	1.130	1.208	-0.078
25	B4UB	1.189	1.200	-0.011
25	C74UB	1.159	1.165	-0.006
30	AA156B	1.168	1.355	-0.187
30	BB59B	1.189	1.717	-0.528
30	BB63B	1.162	2.095	-0.933
30	CC64B	1.157	1.666	-0.509
30	CC68B	1.165	2.232	-1.067
50	C32B	1.184	2.159	-0.975
50	C33B	1.184	1.511	-0.327
50	C34B	1.186	1.299	-0.113
50	C39B	1.157	1.336	-0.179
50	C78B	1.134	1.446	-0.312
50	C79B	1.221	1.795	-0.574
50	C80B	1.182	2.164	-0.982
50	B14B	1.143	1.707	-0.564
50	B15B	1.185	2.010	-0.825
50	B18B	0.000	3.506	-3.506
50	B10B	1.171	1.847	-0.676
50	B11B	1.175	2.184	-1.009
50	B13B	1.217	1.863	-0.646
50	B17B	1.159	2.212	-1.053
50	B185B	1.184	1.833	-0.649
50	A186B	1.158	2.638	-1.480
50	A180B	1.131	1.720	-0.589
50	A148B	1.195	2.257	-1.062
50	A183B	1.147	1.255	-0.108
50	A184B	1.192	1.553	-0.361
50	A146B	1.178	2.171	-0.993
50	A182B	1.195	1.241	-0.046
50	A179UB	1.193	1.271	-0.078
50	A176UB	1.198	1.223	-0.025
50	A174UB	1.163	1.193	-0.030
50	A172UB	1.189	1.204	-0.015
50	A171UB	1.136	1.180	-0.044
50	C41UB	1.139	1.195	-0.056
50	C42UB	1.167	1.193	-0.026
50	C43UB	1.151	1.226	-0.075
50	C44UB	1.127	1.212	-0.085
50	C46UB	1.344	1.364	-0.020
50	C49UB	1.147	1.239	-0.092
50	C50UB	1.195	1.212	-0.017
50	B44UB	1.181	1.215	-0.034
50	B40UB	1.206	1.236	-0.030
50	B37UB	1.154	1.258	-0.104
50	B32UB	1.203	1.230	-0.027
50	B26UB	1.182	1.163	0.019
50	B39UB	1.268	1.222	0.046
50	B35UB	1.143	1.196	-0.053
50	B80UB	1.098	1.218	-0.120
50	A178UB	1.138	1.226	-0.088
50	A173UB	1.190	1.201	-0.011
Max		1.344	3.506	0.064
Average		1.142	1.430	-0.288
Min		0.000	1.109	-3.506
Std Dev		0.187	0.431	0.527

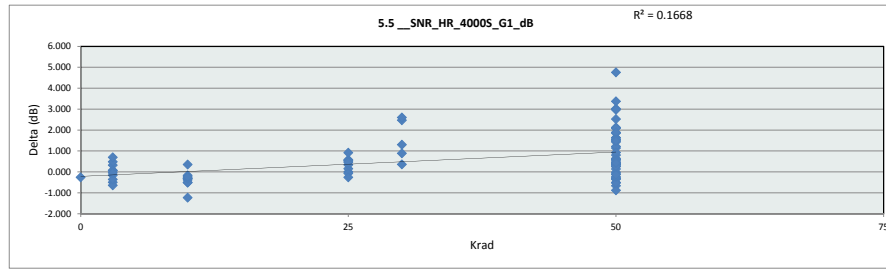


5.3 RMS_Noise_HR_1000S_G1		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Max Limit	5	µV
Min Limit	0.79	µV

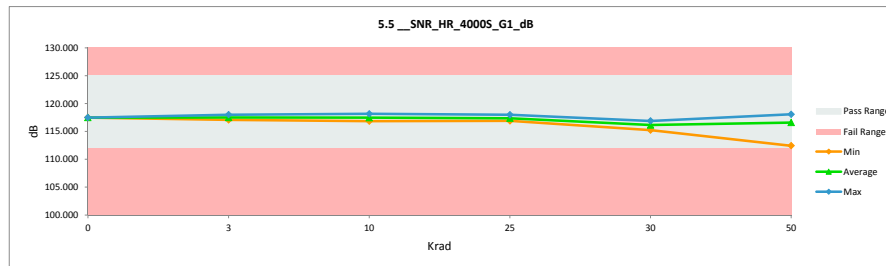
Krad	0	3	10	25	30	50
LL	0.790	0.790	0.790	0.790	0.790	0.790
Min	1.214	1.109	1.137	1.128	1.355	1.163
Average	1.214	1.157	1.214	1.185	1.813	1.559
Max	1.214	1.215	1.355	1.248	2.232	3.506
UL	5.000	5.000	5.000	5.000	5.000	5.000



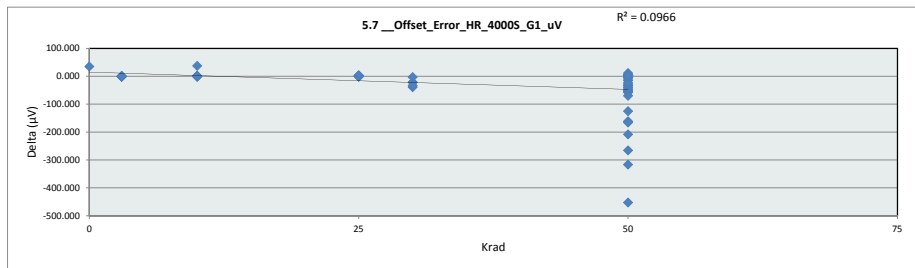
		5.5_SNR_HR_4000S_G1_dB		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	125	125		
Min Limit	112	112		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	117.229	117.486	-0.257
3	B48B	117.283	117.778	-0.495
3	B51B	117.706	117.627	0.079
3	C60B	117.216	117.374	-0.158
3	A162B	116.933	117.575	-0.642
3	A165B	117.398	117.078	0.320
3	A155UB	117.716	117.236	0.480
3	A154UB	117.507	117.868	-0.361
3	66UB	118.048	117.998	0.050
3	69UB	117.264	117.310	-0.046
3	C72UB	117.750	117.058	0.692
10	B54B	116.958	117.278	-0.320
10	B56B	117.341	117.508	-0.167
10	C61B	116.991	117.281	-0.290
10	C62B	117.188	116.834	0.354
10	A160B	116.872	117.380	-0.508
10	B70UB	117.347	117.732	-0.385
10	B72UB	116.917	118.148	-1.231
10	C73UB	117.073	117.585	-0.512
10	A145UB	117.335	117.650	-0.315
10	A153UB	117.103	117.339	-0.236
25	A158B	117.755	117.753	0.002
25	B59B	117.211	117.061	0.150
25	B63B	117.690	117.760	-0.070
25	C64B	117.766	117.184	0.582
25	C68B	117.985	117.438	0.547
25	A152UB	118.466	117.548	0.918
25	A150UB	117.423	116.900	0.523
25	B1UB	117.232	116.893	0.339
25	B4UB	117.580	117.120	0.460
25	C74UB	117.731	117.991	-0.260
30	AA158B	117.755	116.453	1.302
30	BB59B	117.211	116.849	0.362
30	BB63B	117.690	115.224	2.466
30	CC64B	117.766	116.883	0.883
30	CC68B	117.985	115.384	2.601
50	C32B	117.325	115.796	1.529
50	C33B	118.007	116.581	1.426
50	C34B	117.461	117.116	0.345
50	C39B	117.405	116.601	0.804
50	C78B	117.171	116.532	0.639
50	C79B	117.659	116.026	1.633
50	C80B	117.654	115.530	2.124
50	B14B	117.574	115.724	1.850
50	B15B	117.633	116.016	1.617
50	B18B	117.189	112.432	4.757
50	B10B	116.907	114.830	2.077
50	B11B	117.373	114.352	3.021
50	B13B	117.257	116.117	1.140
50	B17B	117.508	114.134	3.374
50	B185B	117.189	115.974	1.215
50	A186B	117.622	115.732	1.890
50	A180B	117.492	115.958	1.534
50	A148B	117.457	114.491	2.966
50	A183B	117.081	116.829	0.252
50	A184B	117.486	117.141	0.345
50	A146B	117.650	115.125	2.525
50	A182B	117.679	117.087	0.592
50	A179UB	117.847	117.509	0.338
50	A176UB	117.577	117.869	-0.292
50	A174UB	117.932	117.005	0.927
50	A172UB	117.499	117.598	-0.099
50	A171UB	117.878	117.424	0.454
50	C41UB	117.478	116.896	0.582
50	C42UB	117.562	117.575	-0.013
50	C43UB	117.459	117.808	-0.349
50	C44UB	117.050	117.558	-0.508
50	C46UB	117.921	116.447	1.474
50	C49UB	117.404	118.070	-0.666
50	C50UB	117.251	117.572	-0.321
50	B44UB	117.783	117.427	0.356
50	B40UB	116.954	117.835	-0.881
50	B37UB	117.580	117.444	0.136
50	B32UB	117.590	117.197	0.393
50	B26UB	117.239	117.770	-0.531
50	B39UB	117.042	117.277	-0.235
50	B35UB	117.560	117.691	-0.131
50	B80UB	117.921	117.404	0.517
50	A178UB	117.668	117.399	0.269
50	A173UB	117.517	117.091	0.426
	Max	118.466	118.148	4.757
	Average	117.474	116.894	0.579
	Min	116.872	112.432	-1.231
	Std Dev	0.318	1.037	1.082



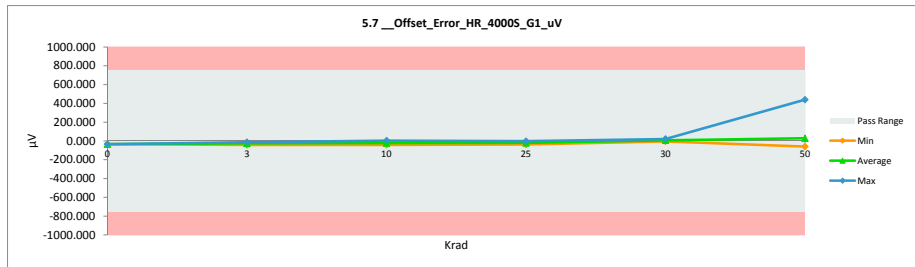
		5.5_SNR_HR_4000S_G1_dB					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	125	dB					
Min Limit	112	dB					
Krad	0	3	10	25	30	50	
LL	112.000	112.000	112.000	112.000	112.000	112.000	
Min	117.486	117.058	116.834	116.893	115.224	112.432	
Average	117.486	117.490	117.474	117.365	116.159	116.591	
Max	117.486	117.998	118.148	117.991	116.883	118.070	
UL	125.000	125.000	125.000	125.000	125.000	125.000	



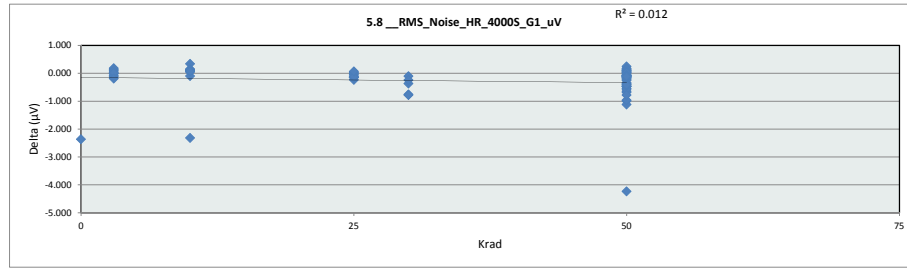
5.7 __Offset_Error_HR_4000S_G				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	$\mu\text{V}$	$\mu\text{V}$		
Max Limit	200	750		
Min Limit	-200	-750		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	-34.722	34.722
3	B48B	-16.217	-16.615	0.398
3	B51B	-24.959	-24.988	0.029
3	C60B	-16.115	-15.542	-0.573
3	A162B	-35.183	-33.509	-1.674
3	A165B	-13.715	-13.270	-0.445
3	A155UB	-29.651	-28.561	-1.090
3	A154UB	-33.270	-32.851	-0.419
3	66UB	-42.572	-42.921	0.349
3	69UB	-23.594	-23.638	0.044
3	C72UB	-29.656	-28.385	-1.271
10	B54B	-28.543	-27.061	-1.482
10	B56B	-11.053	-11.728	0.675
10	C61B	-10.393	-11.666	1.273
10	C62B	-38.636	-37.643	-0.993
10	A160B	2.861	3.802	-0.941
10	B70UB	-14.490	-13.433	-1.057
10	B72UB	-26.852	-27.228	0.376
10	C73UB	-20.354	-21.036	0.682
10	A145UB	0.000	-37.092	37.092
10	A153UB	-42.605	-42.147	-0.458
25	A158B	-26.682	-26.168	-0.514
25	B59B	-21.502	-22.958	1.456
25	B63B	-1.001	-1.741	0.740
25	C64B	-28.237	-30.375	2.138
25	C68B	-8.935	-10.649	1.714
25	A152UB	-39.939	-38.273	-1.666
25	A150UB	-26.062	-25.886	-0.176
25	B1UB	-1.007	-2.504	1.497
25	B4UB	-25.245	-25.439	0.194
25	C74UB	-14.283	-17.402	3.119
30	AA158B	-26.682	12.591	-39.273
30	BB59B	-21.502	0.139	-21.641
30	BB63B	-1.001	21.047	-22.048
30	CC64B	-28.237	5.058	-33.295
30	CC68B	-8.935	-5.642	-3.293
50	C32B	-6.568	-17.704	11.136
50	C33B	-20.935	12.022	-32.957
50	C34B	-3.158	36.826	-39.984
50	C39B	-26.385	8.132	-34.517
50	C78B	-14.717	28.063	-42.780
50	C79B	16.857	44.997	-28.140
50	C80B	-19.566	-14.945	-4.621
50	B14B	-26.245	98.823	-125.068
50	B15B	-33.362	-17.598	-15.764
50	B18B	0.000	265.917	-265.917
50	B10B	-29.176	20.597	-49.773
50	B11B	-18.966	297.884	-316.850
50	B13B	-20.097	-10.207	-9.890
50	B17B	-25.519	135.724	-161.243
50	B185B	-50.498	115.537	-166.035
50	A186B	-13.969	438.966	-452.935
50	A180B	-30.047	23.979	-54.026
50	A148B	-23.315	26.007	-49.322
50	A183B	-28.907	29.246	-58.153
50	A184B	-21.623	48.276	-69.899
50	A146B	-20.099	188.542	-208.641
50	A182B	-30.280	-6.512	-23.768
50	A179UB	-32.164	-32.616	0.452
50	A176UB	-58.797	-59.353	0.556
50	A174UB	-10.796	-13.202	2.406
50	A172UB	-33.315	-35.445	2.130
50	A171UB	24.385	19.609	4.776
50	C41UB	-34.401	-38.392	3.991
50	C42UB	-8.858	-11.909	3.051
50	C43UB	3.091	3.632	-0.541
50	C44UB	-23.645	-25.206	1.561
50	C46UB	-10.859	-8.471	-2.388
50	C49UB	-42.980	-43.146	0.166
50	C50UB	-18.514	-21.642	3.128
50	B44UB	-12.441	-16.145	3.704
50	B40UB	-30.561	-32.455	1.894
50	B37UB	-14.280	-17.434	3.154
50	B32UB	-19.007	-21.930	2.923
50	B26UB	-4.272	-5.691	1.419
50	B39UB	-19.098	-23.273	4.175
50	B35UB	-23.394	-27.627	4.233
50	B80UB	7.954	6.558	1.396
50	A178UB	-26.119	-28.088	1.969
50	A173UB	-32.298	-35.029	2.731
	Max	24.385	438.966	37.092
	Average	-20.015	7.461	-27.476
	Min	-58.797	-59.353	-452.935
	Std Dev	14.437	77.400	76.195



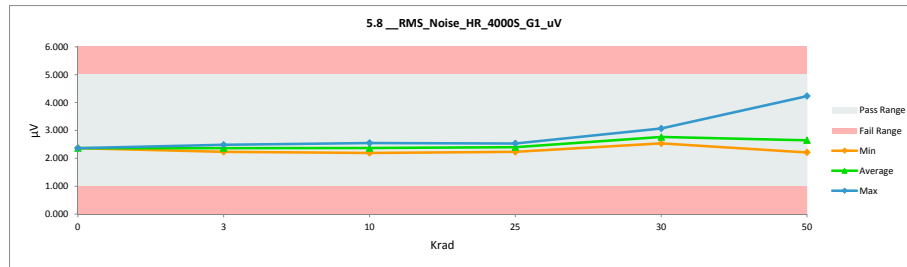
5.7 __Offset_Error_HR_4000S						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	750 $\mu\text{V}$					
Min Limit	-750 $\mu\text{V}$					
Krad	0	3	10	25	30	50
LL	-750.000	-750.000	-750.000	-750.000	-750.000	-750.000
Min	-34.722	-42.921	-42.147	-38.273	-5.642	-59.353
Average	-34.722	-26.028	-22.523	-20.140	6.639	29.212
Max	-34.722	-13.270	3.802	-1.741	21.047	438.966
UL	750.000	750.000	750.000	750.000	750.000	750.000



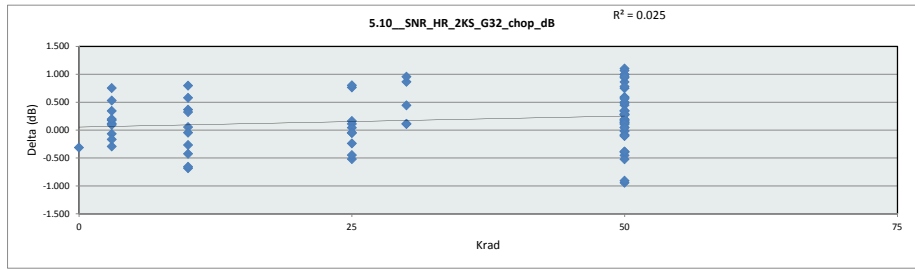
5.8_RMS_Noise_HR_4000S_G1				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µV	µV		
Max Limit	3.57	5		
Min Limit	1	1		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	2.366	-2.366
3	B48B	2.422	2.287	0.135
3	B51B	2.306	2.327	-0.021
3	C60B	2.440	2.396	0.044
3	A162B	2.521	2.342	0.179
3	A165B	2.389	2.479	-0.090
3	A155UB	2.304	2.434	-0.130
3	A154UB	2.360	2.264	0.096
3	66UB	2.217	2.230	-0.013
3	69UB	2.427	2.414	0.013
3	C72UB	2.295	2.485	-0.190
10	B54B	2.514	2.423	0.091
10	B56B	2.405	2.359	0.046
10	C61B	2.504	2.422	0.082
10	C62B	2.448	2.550	-0.102
10	A160B	2.539	2.394	0.145
10	B70UB	2.404	2.299	0.105
10	B72UB	2.526	2.192	0.334
10	C73UB	2.481	2.339	0.142
10	A145UB	0.000	2.321	-2.321
10	A153UB	2.472	2.406	0.066
25	A158B	2.293	2.294	-0.001
25	B59B	2.442	2.484	-0.042
25	B63B	2.311	2.292	0.019
25	C64B	2.290	2.449	-0.159
25	C68B	2.233	2.378	-0.145
25	A152UB	2.113	2.349	-0.236
25	A150UB	2.383	2.531	-0.148
25	B1UB	2.436	2.533	-0.097
25	B4UB	2.340	2.467	-0.127
25	C74UB	2.300	2.232	0.068
30	AA158B	2.293	2.664	-0.371
30	BB59B	2.442	2.545	-0.103
30	BB63B	2.311	3.069	-0.758
30	CC64B	2.290	2.535	-0.245
30	CC68B	2.233	3.013	-0.780
50	C32B	2.410	2.874	-0.464
50	C33B	2.228	2.625	-0.397
50	C34B	2.372	2.468	-0.096
50	C39B	2.388	2.619	-0.231
50	C78B	2.453	2.640	-0.187
50	C79B	2.319	2.798	-0.479
50	C80B	2.320	2.963	-0.643
50	B14B	2.342	2.898	-0.556
50	B15B	2.326	2.802	-0.476
50	B18B	0.000	4.233	-4.233
50	B10B	2.529	3.212	-0.683
50	B11B	2.396	3.393	-0.997
50	B13B	2.429	2.769	-0.340
50	B17B	2.360	3.480	-1.120
50	B185B	2.448	2.815	-0.367
50	A186B	2.329	2.895	-0.566
50	A180B	2.364	2.820	-0.456
50	A148B	2.373	3.340	-0.967
50	A183B	2.478	2.551	-0.073
50	A184B	2.366	2.461	-0.095
50	A146B	2.321	3.104	-0.783
50	A182B	2.314	2.477	-0.163
50	A179UB	2.269	2.359	-0.090
50	A176UB	2.341	2.264	0.077
50	A174UB	2.247	2.500	-0.253
50	A172UB	2.362	2.335	0.027
50	A171UB	2.261	2.382	-0.121
50	C41UB	2.368	2.532	-0.164
50	C42UB	2.345	2.341	0.004
50	C43UB	2.373	2.279	0.094
50	C44UB	2.487	2.346	0.141
50	C46UB	2.250	2.666	-0.416
50	C49UB	2.388	2.212	0.176
50	C50UB	2.430	2.342	0.088
50	B44UB	2.286	2.382	-0.096
50	B40UB	2.515	2.272	0.243
50	B37UB	2.340	2.377	-0.037
50	B32UB	2.337	2.446	-0.109
50	B26UB	2.434	2.289	0.145
50	B39UB	2.490	2.423	0.067
50	B35UB	2.345	2.310	0.035
50	B80UB	2.250	2.388	-0.138
50	A178UB	2.316	2.389	-0.073
50	A173UB	2.357	2.476	-0.119
	Max	2.539	4.233	0.334
	Average	2.279	2.551	-0.272
	Min	0.000	2.192	-4.233
	Std Dev	0.461	0.341	0.637



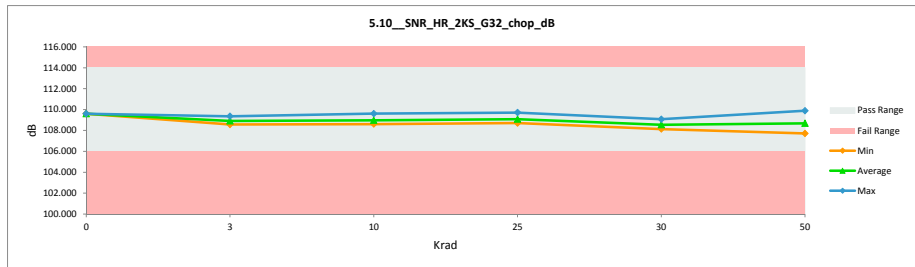
5.8_RMS_Noise_HR_4000S_G1						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	5	µV				
Min Limit	1	µV				
Krad	0	3	10	25	30	50
LL	1.000	1.000	1.000	1.000	1.000	1.000
Min	2.366	2.230	2.192	2.232	2.535	2.212
Average	2.366	2.366	2.371	2.401	2.765	2.649
Max	2.366	2.485	2.550	2.533	3.069	4.233
UL	5.000	5.000	5.000	5.000	5.000	5.000



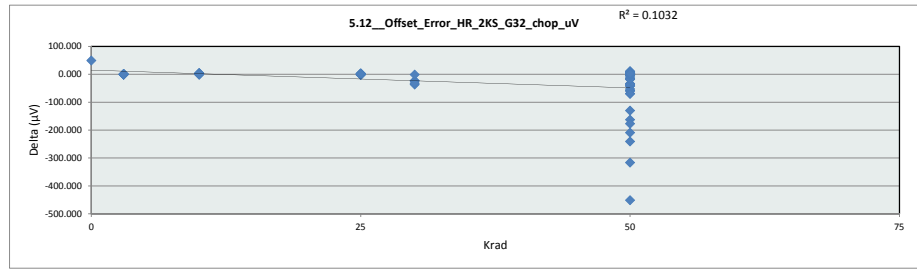
5.10_SNR_HR_2KS_G32_chop				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	114	114		
Min Limit	106	106		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	109.291	109.606	-0.315
3	B48B	108.580	108.648	-0.068
3	B51B	109.199	108.858	0.341
3	C60B	108.745	108.570	0.175
3	A162B	109.472	109.357	0.115
3	A165B	109.434	108.906	0.528
3	A155UB	109.096	109.003	0.093
3	A154UB	108.870	109.163	-0.293
3	66UB	108.935	109.102	-0.167
3	69UB	109.406	108.654	0.752
3	C72UB	109.039	108.842	0.197
10	B54B	109.284	108.707	0.577
10	B56B	108.929	109.612	-0.683
10	C61B	109.460	108.666	0.794
10	C62B	109.182	108.816	0.366
10	A160B	108.604	109.030	-0.426
10	B70UB	108.735	109.004	-0.269
10	B72UB	109.048	108.996	0.052
10	C73UB	108.933	108.980	-0.047
10	A145UB	108.926	108.603	0.323
10	A153UB	108.672	109.330	-0.658
25	A158B	109.185	109.705	-0.520
25	B59B	109.467	108.704	0.763
25	B63B	108.810	109.259	-0.449
25	C64B	109.092	108.981	0.111
25	C68B	108.675	108.915	-0.240
25	A152UB	108.990	109.042	-0.052
25	A150UB	109.174	109.134	0.040
25	B1UB	109.218	109.057	0.161
25	B4UB	109.664	108.863	0.801
25	C74UB	109.103	109.152	-0.049
30	AA158B	109.185	109.076	0.109
30	BB59B	109.467	108.602	0.865
30	BB63B	108.810	108.368	0.442
30	CC64B	109.092	108.136	0.956
30	CC68B	108.675	108.564	0.111
50	C32B	108.641	108.475	0.166
50	C33B	109.375	108.274	1.101
50	C34B	109.264	108.404	0.860
50	C39B	108.969	108.687	0.282
50	C78B	108.743	107.803	0.940
50	C79B	108.434	108.452	-0.018
50	C80B	108.630	107.880	0.750
50	B14B	109.070	108.729	0.341
50	B15B	109.290	108.510	0.780
50	B18B	108.706	107.713	0.993
50	B10B	109.082	108.734	0.348
50	B11B	108.817	108.531	0.286
50	B13B	108.808	108.706	0.102
50	B17B	108.524	108.922	-0.398
50	B185B	108.706	108.790	-0.084
50	A186B	109.079	108.013	1.066
50	A180B	109.180	108.735	0.445
50	A148B	109.229	108.233	0.996
50	A183B	108.986	108.408	0.578
50	A184B	108.568	109.024	-0.456
50	A146B	109.061	108.868	0.193
50	A182B	108.667	108.684	-0.017
50	A179UB	108.185	109.129	-0.944
50	A176UB	108.591	108.686	-0.095
50	A174UB	108.742	109.267	-0.525
50	A172UB	109.084	108.491	0.593
50	A171UB	109.027	108.979	0.048
50	C41UB	108.957	108.767	0.190
50	C42UB	108.699	108.560	0.139
50	C43UB	109.169	109.007	0.162
50	C44UB	109.129	108.992	0.137
50	C46UB	109.213	108.730	0.483
50	C49UB	108.835	109.223	-0.388
50	C50UB	108.508	108.615	-0.107
50	B44UB	109.343	108.388	0.955
50	B40UB	109.040	108.540	0.500
50	B37UB	109.516	109.176	0.340
50	B32UB	108.976	109.885	-0.909
50	B26UB	109.057	108.940	0.117
50	B39UB	108.965	108.698	0.267
50	B35UB	108.769	109.156	-0.387
50	B80UB	109.567	109.008	0.559
50	A178UB	108.743	108.464	0.279
50	A173UB	108.746	108.703	0.043
	Max	109.664	109.885	1.101
	Average	108.989	108.800	0.189
	Min	108.185	107.713	-0.944
	Std Dev	0.299	0.398	0.473



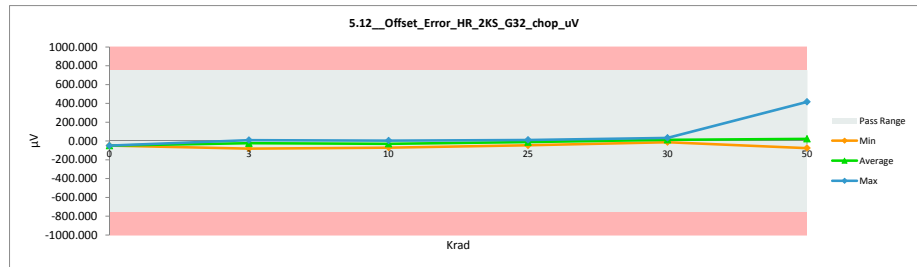
5.10_SNR_HR_2KS_G32_chop						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	114	dB				
Min Limit	106	dB				
Krad	0	3	10	25	30	50
LL	106.000	106.000	106.000	106.000	106.000	106.000
Min	109.606	108.570	108.603	108.704	108.136	107.713
Average	109.606	108.910	108.974	109.081	108.549	108.681
Max	109.606	109.357	109.612	109.705	109.076	109.885
UL	114.000	114.000	114.000	114.000	114.000	114.000



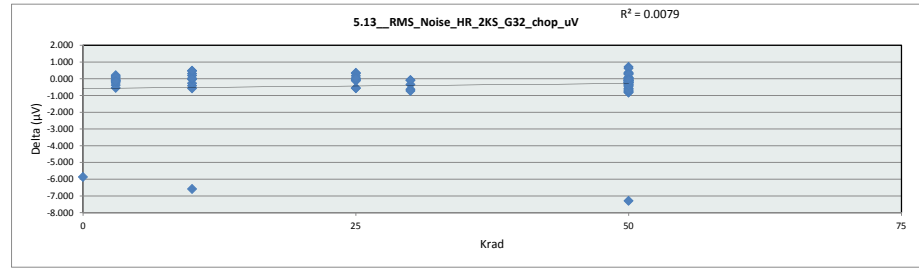
5.12_Offset_Error_HR_2KS_G3				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	$\mu\text{V}$	$\mu\text{V}$		
Max Limit	800	750		
Min Limit	-800	-750		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	-49.124	49.124
3	B48B	-31.325	-32.245	0.920
3	B51B	-27.155	-26.701	-0.454
3	C60B	1.608	2.057	-0.449
3	A162B	7.975	9.540	-1.565
3	A165B	-29.450	-27.919	-1.531
3	A155UB	-21.405	-21.463	0.058
3	A154UB	-43.481	-43.233	-0.248
3	66UB	-80.787	-81.286	0.499
3	69UB	-5.700	-5.089	-0.611
3	C72UB	-14.956	-14.580	-0.376
10	B54B	-60.013	-63.198	3.185
10	B56B	5.223	3.235	1.988
10	C61B	-26.078	-25.113	-0.965
10	C62B	-42.739	-45.357	2.618
10	A160B	-28.841	-29.758	0.917
10	B70UB	-21.644	-20.004	-1.640
10	B72UB	-47.964	-50.149	2.185
10	C73UB	5.139	4.696	0.443
10	A145UB	0.000	-4.506	4.506
10	A153UB	-70.931	-70.456	-0.475
25	A158B	-21.120	-24.336	3.216
25	B59B	-6.901	-7.992	1.091
25	B63B	10.363	11.195	-0.832
25	C64B	-44.634	-45.884	1.250
25	C68B	8.277	7.625	0.652
25	A152UB	-39.577	-37.527	-2.050
25	A150UB	-14.872	-15.338	0.466
25	B1UB	-7.308	-8.232	0.924
25	B4UB	-6.135	-3.383	-2.752
25	C74UB	6.908	4.791	2.117
30	AA155B	-21.120	16.011	-37.131
30	BB59B	-6.901	17.193	-24.094
30	BB63B	10.363	33.617	-23.254
30	CC64B	-44.634	-12.329	-32.305
30	CC68B	8.277	9.915	-1.638
50	C32B	-32.523	-43.301	10.778
50	C33B	-28.991	4.885	-33.876
50	C34B	-44.259	-2.123	-42.136
50	C39B	-36.898	32.511	-69.409
50	C78B	-22.760	19.220	-41.980
50	C79B	27.641	62.058	-34.417
50	C80B	-45.926	-36.198	-9.728
50	B14B	3.726	133.904	-130.178
50	B15B	-39.926	-24.614	-15.312
50	B18B	0.000	240.910	-240.910
50	B10B	-64.818	-27.441	-37.377
50	B11B	-25.383	291.555	-316.938
50	B13B	1.869	19.452	-17.583
50	B17B	-8.668	154.385	-163.053
50	B185B	-79.747	97.898	-177.645
50	A186B	-35.365	416.202	-451.567
50	A180B	4.794	63.131	-58.337
50	A148B	-1.195	51.500	-52.695
50	A183B	-34.002	26.466	-60.468
50	A184B	-37.051	33.341	-70.392
50	A146B	-39.080	170.682	-209.762
50	A182B	-70.690	-52.172	-18.518
50	A179UB	-46.445	-52.090	5.645
50	A176UB	-71.702	-70.233	-1.469
50	A174UB	-32.610	-31.043	-1.567
50	A172UB	-58.179	-61.284	3.105
50	A171UB	16.353	14.558	1.795
50	C41UB	-65.211	-75.207	9.996
50	C42UB	-16.192	-23.562	7.370
50	C43UB	-18.388	-19.765	1.377
50	C44UB	-13.042	-16.225	3.183
50	C46UB	-36.314	-35.581	-0.733
50	C49UB	-65.992	-63.542	-2.450
50	C50UB	-5.902	-1.464	-4.438
50	B44UB	16.185	18.371	-2.186
50	B40UB	-55.179	-55.661	0.482
50	B37UB	5.927	5.071	0.856
50	B32UB	-45.145	-48.301	3.156
50	B26UB	-12.278	-8.595	-3.683
50	B39UB	-28.612	-30.819	2.207
50	B35UB	-20.768	-23.329	2.561
50	B80UB	17.879	19.382	-1.503
50	A178UB	-25.712	-27.762	2.050
50	A173UB	-45.994	-47.975	1.981
	Max	27.641	416.202	49.124
	Average	-23.976	4.398	-28.375
	Min	-80.787	-81.286	-451.567
	Std Dev	25.727	78.635	75.590



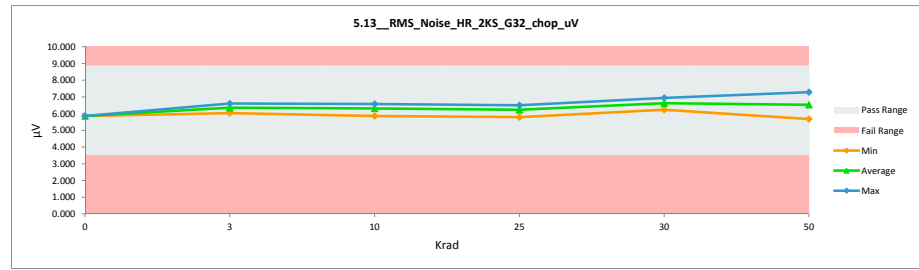
5.12_Offset_Error_HR_2KS_G32						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	750	$\mu\text{V}$				
Min Limit	-750	$\mu\text{V}$				
Krad	0	3	10	25	30	50
LL	-750.000	-750.000	-750.000	-750.000	-750.000	-750.000
Min	-49.124	-81.286	-70.456	-45.884	-12.329	-75.207
Average	-49.124	-24.092	-30.061	-11.908	12.881	22.664
Max	-49.124	9.540	4.696	11.195	33.617	416.202
UL	750.000	750.000	750.000	750.000	750.000	750.000



5.13_RMS_Noise_HR_2KS_G32				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	$\mu\text{V}$	$\mu\text{V}$		
Max Limit	8.856	8.856		
Min Limit	3.526	3.526		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	5.861	-5.861
3	B48B	6.595	6.544	0.051
3	B51B	6.142	6.388	-0.246
3	C60B	6.471	6.602	-0.131
3	A162B	5.951	6.031	-0.080
3	A165B	5.977	6.352	-0.375
3	A155UB	6.215	6.282	-0.067
3	A154UB	6.379	6.167	0.212
3	66UB	6.331	6.211	0.120
3	69UB	5.997	6.539	-0.542
3	C72UB	6.255	6.399	-0.144
10	B54B	6.082	6.499	-0.417
10	B56B	6.335	5.857	0.478
10	C61B	5.960	6.530	-0.570
10	C62B	6.153	6.418	-0.265
10	A160B	6.577	6.262	0.315
10	B70UB	6.479	6.281	0.198
10	B72UB	6.249	6.287	-0.038
10	C73UB	6.332	6.298	0.034
10	A145UB	0.000	6.578	-6.578
10	A153UB	6.525	6.049	0.476
25	A158B	6.151	5.794	0.357
25	B59B	5.955	6.501	-0.546
25	B63B	6.423	6.099	0.324
25	C64B	6.217	6.297	-0.080
25	C68B	6.523	6.346	0.177
25	A152UB	6.291	6.254	0.037
25	A150UB	6.159	6.188	-0.029
25	B11UB	6.128	6.243	-0.115
25	B4UB	5.821	6.383	-0.562
25	C74UB	6.210	6.175	0.035
30	AA158B	6.151	6.229	-0.078
30	BB59B	5.955	6.578	-0.623
30	BB63B	6.423	6.758	-0.335
30	CC64B	6.217	6.941	-0.724
30	CC68B	6.523	6.607	-0.084
50	C32B	6.549	6.675	-0.126
50	C33B	6.019	6.831	-0.812
50	C34B	6.096	6.730	-0.634
50	C39B	6.306	6.514	-0.208
50	C78B	6.473	7.212	-0.739
50	C79B	6.707	6.693	0.014
50	C80B	6.557	7.149	-0.592
50	B14B	6.233	6.483	-0.250
50	B15B	6.077	6.648	-0.571
50	B18B	0.000	7.287	-7.287
50	B10B	6.224	6.479	-0.255
50	B11B	6.418	6.632	-0.214
50	B13B	6.424	6.500	-0.076
50	B17B	6.638	6.340	0.298
50	B185B	6.500	6.437	0.063
50	A186B	6.227	7.040	-0.813
50	A180B	6.155	6.478	-0.323
50	A148B	6.120	6.864	-0.744
50	A183B	6.294	6.727	-0.433
50	A184B	6.604	6.266	0.338
50	A146B	6.240	6.380	-0.140
50	A182B	6.529	6.517	0.012
50	A179UB	6.902	6.191	0.711
50	A176UB	6.586	6.515	0.071
50	A174UB	6.473	6.094	0.379
50	A172UB	6.223	6.663	-0.440
50	A171UB	6.265	6.299	-0.034
50	C41UB	6.315	6.454	-0.139
50	C42UB	6.506	6.611	-0.105
50	C43UB	6.162	6.278	-0.116
50	C44UB	6.191	6.290	-0.099
50	C46UB	6.131	6.483	-0.352
50	C49UB	6.404	6.124	0.280
50	C50UB	6.650	6.569	0.081
50	B44UB	6.040	6.742	-0.702
50	B40UB	6.255	6.625	-0.370
50	B37UB	5.922	6.158	-0.236
50	B32UB	6.302	5.675	0.627
50	B26UB	6.242	6.328	-0.086
50	B39UB	6.309	6.506	-0.197
50	B35UB	6.453	6.172	0.281
50	B80UB	5.887	6.278	-0.391
50	A178UB	6.473	6.684	-0.211
50	A173UB	6.470	6.503	-0.033
	Max	6.902	7.287	0.711
	Average	6.059	6.437	-0.378
	Min	0.000	5.675	-7.287
	Std Dev	1.222	0.296	1.282

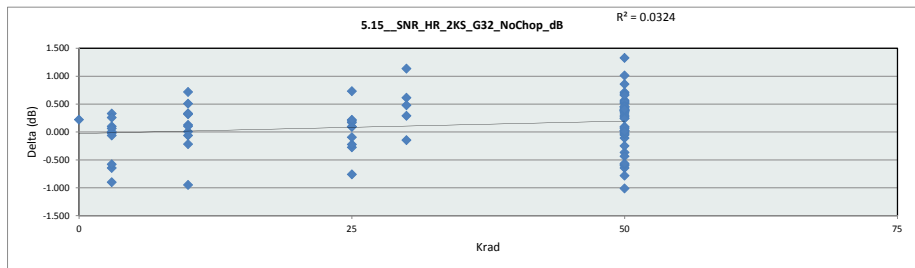


5.13_RMS_Noise_HR_2KS_G32						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	8.856	$\mu\text{V}$				
Min Limit	3.526	$\mu\text{V}$				
Krad	0	3	10	25	30	50
LL	3.526	3.526	3.526	3.526	3.526	3.526
Min	5.861	6.031	5.857	5.794	6.229	5.675
Average	5.861	6.352	6.306	6.228	6.623	6.526
Max	5.861	6.602	6.578	6.501	6.941	7.287
UL	8.856	8.856	8.856	8.856	8.856	8.856



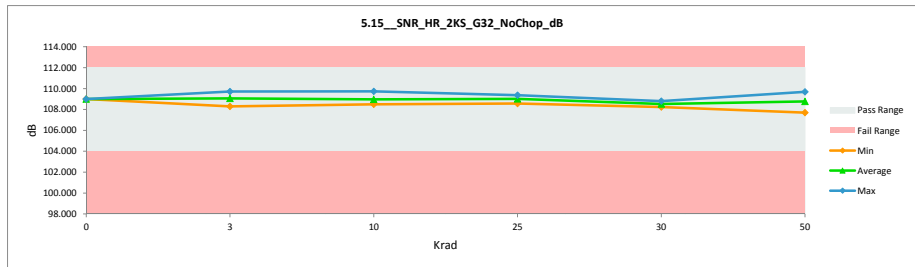
5.15_SNR_HR_2KS_G32_NoChop	
Test Site	CLAB
Tester	Eagle3
Test Number	EF651300
Unit	dB
Max Limit	112
Min Limit	104

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	109.218	108.997	0.221
3	B48B	109.026	109.019	0.007
3	B51B	109.255	108.925	0.330
3	C60B	109.016	108.914	0.102
3	A162B	108.547	108.287	0.260
3	A165B	108.635	109.280	-0.645
3	A155UB	109.015	109.035	-0.020
3	A154UB	108.645	109.544	-0.899
3	66UB	109.139	109.717	-0.578
3	69UB	109.185	109.122	0.063
3	C72UB	108.735	108.796	-0.061
10	B54B	108.884	108.878	0.006
10	B56B	109.078	108.952	0.126
10	C61B	108.761	108.977	-0.216
10	C62B	108.812	108.493	0.319
10	A160B	108.923	108.984	-0.061
10	B70UB	108.942	108.838	0.104
10	B72UB	109.440	108.931	0.509
10	C73UB	108.791	109.738	-0.947
10	A145UB	109.770	109.053	0.717
10	A153UB	109.205	108.870	0.335
25	A158B	109.309	108.576	0.733
25	B59B	108.871	109.146	-0.275
25	B63B	109.462	109.367	0.095
25	C64B	108.661	108.883	-0.222
25	C68B	108.706	108.609	0.097
25	A152UB	109.501	109.303	0.198
25	A150UB	109.141	109.235	-0.094
25	B1UB	109.272	109.103	0.169
25	B4UB	108.413	109.171	-0.758
25	C74UB	108.988	108.768	0.220
30	AA158B	109.309	108.695	0.614
30	BB59B	108.871	108.580	0.291
30	BB63B	109.462	108.326	1.136
30	CC64B	108.661	108.805	-0.144
30	CC68B	108.706	108.226	0.480
50	C32B	108.557	107.700	0.857
50	C33B	108.641	108.390	0.251
50	C34B	108.786	108.507	0.279
50	C39B	109.189	108.816	0.373
50	C78B	108.605	108.519	0.086
50	C79B	108.787	108.391	0.396
50	C80B	108.613	108.667	-0.054
50	B14B	108.840	108.860	-0.020
50	B15B	108.762	108.734	0.028
50	B18B	109.349	108.972	0.377
50	B10B	109.351	108.826	0.525
50	B11B	108.921	108.351	0.570
50	B13B	108.913	108.501	0.412
50	B17B	109.399	108.686	0.713
50	B185B	109.349	108.669	0.680
50	A186B	109.318	108.806	0.512
50	A180B	109.215	108.202	1.013
50	A148B	108.496	107.946	0.550
50	A183B	109.320	109.687	-0.367
50	A184B	109.141	109.250	-0.109
50	A146B	109.644	108.315	1.329
50	A182B	109.340	108.901	0.439
50	A179UB	109.006	108.621	0.385
50	A176UB	108.141	108.741	-0.600
50	A174UB	109.344	109.042	0.302
50	A172UB	108.749	109.393	-0.644
50	A171UB	108.593	109.176	-0.583
50	C41UB	108.311	109.322	-1.011
50	C42UB	108.956	108.859	0.097
50	C43UB	108.700	109.482	-0.782
50	C44UB	108.607	108.581	0.026
50	C46UB	108.297	108.733	-0.436
50	C49UB	109.215	108.873	0.342
50	C50UB	109.230	108.847	0.383
50	B44UB	108.933	108.475	0.458
50	B40UB	109.253	108.796	0.457
50	B37UB	109.209	108.802	0.407
50	B32UB	109.143	109.080	0.063
50	B26UB	108.917	108.952	-0.035
50	B39UB	108.698	109.262	-0.564
50	B35UB	108.555	108.545	0.010
50	B80UB	108.978	109.226	-0.248
50	A178UB	109.092	108.432	0.660
50	A173UB	108.839	108.598	0.241
	Max	109.770	109.738	1.329
	Average	108.971	108.846	0.125
	Min	108.141	107.700	-1.011
	Std Dev	0.331	0.383	0.472



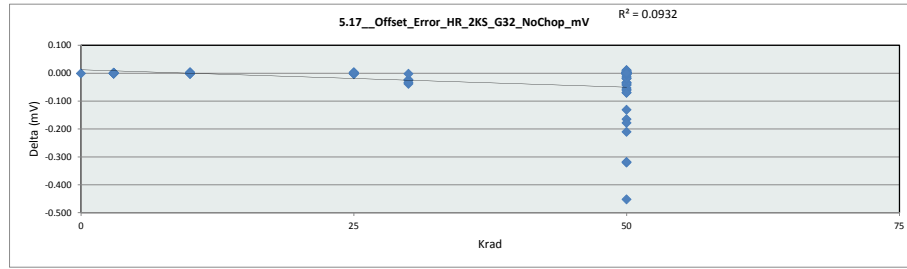
5.15_SNR_HR_2KS_G32_NoC	
Test Site	CLAB
Tester	Eagle3
Test Number	EF651300
Max Limit	112
Min Limit	104

Krad	0	3	10	25	30	50
LL	104.000	104.000	104.000	104.000	104.000	104.000
Min	108.997	108.287	108.493	108.576	108.226	107.700
Average	108.997	109.064	108.971	109.016	108.526	108.762
Max	108.997	109.717	109.738	109.367	108.805	109.687
UL	112.000	112.000	112.000	112.000	112.000	112.000



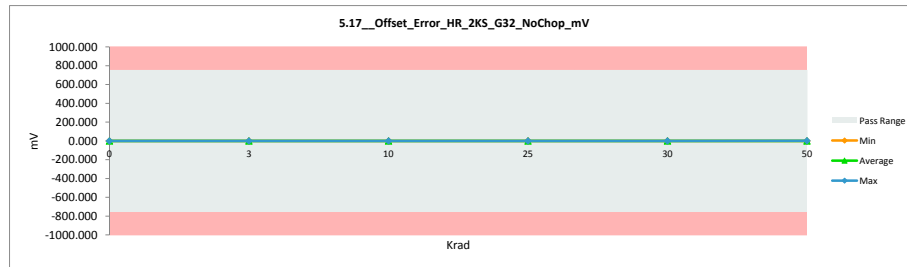
5.17_Offset_Error_HR_2KS_G32		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Unit	mV	mV
Max Limit	100	750
Min Limit	-100	-750

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.050	-0.049	-0.001
3	B48B	-0.031	-0.032	0.001
3	B51B	-0.027	-0.027	0.000
3	C60B	0.002	0.002	0.000
3	A162B	0.008	0.009	-0.001
3	A165B	-0.029	-0.028	-0.001
3	A155UB	-0.022	-0.021	-0.001
3	A154UB	-0.043	-0.043	0.000
3	66UB	-0.080	-0.082	0.002
3	69UB	-0.006	-0.005	-0.001
3	C72UB	-0.015	-0.015	0.000
10	B54B	-0.061	-0.063	0.002
10	B56B	0.005	0.003	0.002
10	C61B	-0.026	-0.025	-0.001
10	C62B	-0.042	-0.045	0.003
10	A160B	-0.029	-0.029	0.000
10	B70UB	-0.022	-0.020	-0.002
10	B72UB	-0.048	-0.050	0.002
10	C73UB	0.005	0.005	0.000
10	A145UB	-0.006	-0.004	-0.002
10	A153UB	-0.071	-0.070	-0.001
25	A158B	-0.021	-0.024	0.003
25	B59B	-0.007	-0.008	0.001
25	B63B	0.010	0.011	-0.001
25	C64B	-0.045	-0.047	0.002
25	C68B	0.009	0.008	0.001
25	A152UB	-0.039	-0.037	-0.002
25	A150UB	-0.015	-0.015	0.000
25	B1UB	-0.007	-0.008	0.001
25	B4UB	-0.006	-0.003	-0.003
25	C74UB	0.007	0.005	0.002
30	AA156B	-0.021	0.017	-0.038
30	BB59B	-0.007	0.018	-0.025
30	BB63B	0.010	0.033	-0.023
30	CC64B	-0.045	-0.012	-0.033
30	CC68B	0.009	0.011	-0.002
50	C32B	-0.033	-0.043	0.010
50	C33B	-0.029	0.004	-0.033
50	C34B	-0.044	-0.002	-0.042
50	C39B	-0.037	0.032	-0.069
50	C78B	-0.023	0.019	-0.042
50	C79B	0.028	0.062	-0.034
50	C80B	-0.046	-0.035	-0.011
50	B14B	0.003	0.134	-0.131
50	B15B	-0.041	-0.025	-0.016
50	B18B	-0.080	0.240	-0.320
50	B10B	-0.065	-0.028	-0.037
50	B11B	-0.026	0.292	-0.318
50	B13B	0.001	0.020	-0.019
50	B17B	-0.009	0.156	-0.165
50	B185B	-0.080	0.098	-0.178
50	A186B	-0.036	0.416	-0.452
50	A180B	0.004	0.063	-0.059
50	A148B	-0.001	0.052	-0.053
50	A183B	-0.034	0.027	-0.061
50	A184B	-0.037	0.033	-0.070
50	A146B	-0.039	0.171	-0.210
50	A182B	-0.071	-0.052	-0.019
50	A179UB	-0.047	-0.052	0.005
50	A176UB	-0.072	-0.070	-0.002
50	A174UB	-0.032	-0.031	-0.001
50	A172UB	-0.058	-0.061	0.003
50	A171UB	0.016	0.015	0.001
50	C41UB	-0.064	-0.075	0.011
50	C42UB	-0.016	-0.023	0.007
50	C43UB	-0.018	-0.019	0.001
50	C44UB	-0.014	-0.016	0.002
50	C46UB	-0.036	-0.035	-0.001
50	C49UB	-0.066	-0.064	-0.002
50	C50UB	-0.006	-0.002	-0.004
50	B44UB	0.016	0.019	-0.003
50	B40UB	-0.055	-0.056	0.001
50	B37UB	0.007	0.005	0.002
50	B32UB	-0.045	-0.049	0.004
50	B26UB	-0.012	-0.009	-0.003
50	B39UB	-0.028	-0.030	0.002
50	B35UB	-0.020	-0.024	0.004
50	B80UB	0.018	0.020	-0.002
50	A178UB	-0.026	-0.028	0.002
50	A173UB	-0.047	-0.048	0.001
	Max	0.028	0.416	0.011
	Average	-0.026	0.005	-0.030
	Min	-0.080	-0.082	-0.452
	Std Dev	0.026	0.079	0.079



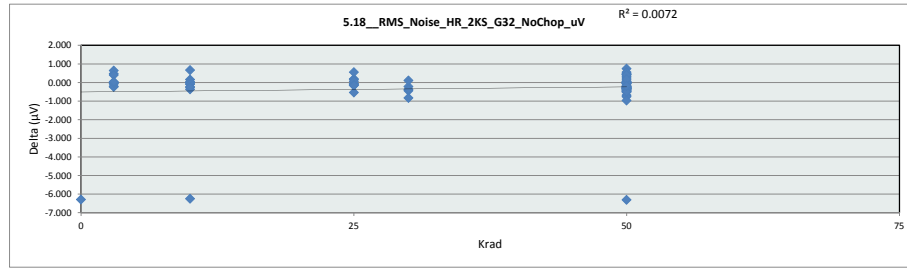
5.17_Offset_Error_HR_2KS_G32		
Test Site	CLAB	
Tester	Eagle3	
Test Number	EF651300	
Max Limit	750	mV
Min Limit	-750	mV

Krad	0	3	10	25	30	50
LL	-750.000	-750.000	-750.000	-750.000	-750.000	-750.000
Min	-0.049	-0.082	-0.070	-0.047	-0.012	-0.075
Average	-0.049	-0.024	-0.030	-0.012	0.013	0.023
Max	-0.049	0.009	0.005	0.011	0.033	0.416
UL	750.000	750.000	750.000	750.000	750.000	750.000



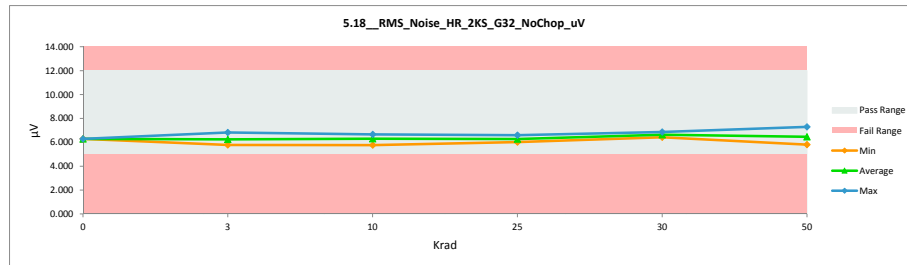
5.18_RMS_Noise_HR_2KS_G32		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Unit	µV	µV
Max Limit	12	12
Min Limit	4.439	5

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	6.286	-6.286
3	B48B	6.265	6.270	-0.005
3	B51B	6.102	6.339	-0.237
3	C60B	6.272	6.347	-0.075
3	A162B	6.620	6.821	-0.201
3	A165B	6.554	6.084	0.470
3	A155UB	6.273	6.258	0.015
3	A154UB	6.546	5.902	0.644
3	66UB	6.184	5.786	0.398
3	69UB	6.152	6.196	-0.044
3	C72UB	6.478	6.433	0.045
10	B54B	6.368	6.373	-0.005
10	B56B	6.227	6.319	-0.092
10	C61B	6.459	6.301	0.158
10	C62B	6.422	6.661	-0.239
10	A160B	6.340	6.296	0.044
10	B70UB	6.326	6.402	-0.076
10	B72UB	5.974	6.334	-0.360
10	C73UB	6.437	5.772	0.665
10	A145UB	0.000	6.245	-6.245
10	A153UB	6.137	6.378	-0.241
25	A158B	6.064	6.598	-0.534
25	B59B	6.378	6.179	0.199
25	B63B	5.959	6.024	-0.065
25	C64B	6.534	6.369	0.165
25	C68B	6.500	6.573	-0.073
25	A152UB	5.932	6.069	-0.137
25	A150UB	6.183	6.116	0.067
25	B11UB	6.090	6.210	-0.120
25	B4UB	6.723	6.162	0.561
25	C74UB	6.293	6.454	-0.161
30	AA158B	6.064	6.509	-0.445
30	BB59B	6.378	6.595	-0.217
30	BB63B	5.959	6.791	-0.832
30	CC64B	6.534	6.427	0.107
30	CC68B	6.500	6.870	-0.370
50	C32B	6.613	7.298	-0.685
50	C33B	6.549	6.741	-0.192
50	C34B	6.440	6.651	-0.211
50	C39B	6.149	6.418	-0.269
50	C78B	6.576	6.642	-0.066
50	C79B	6.440	6.740	-0.300
50	C80B	6.570	6.530	0.040
50	B14B	6.401	6.386	0.015
50	B15B	6.459	6.479	-0.020
50	B18B	0.000	6.304	-6.304
50	B10B	6.035	6.411	-0.376
50	B11B	6.341	6.771	-0.430
50	B13B	6.347	6.655	-0.308
50	B17B	6.001	6.515	-0.514
50	B185B	6.036	6.528	-0.492
50	A186B	6.058	6.426	-0.368
50	A180B	6.130	6.889	-0.759
50	A148B	6.659	7.095	-0.436
50	A183B	6.057	5.806	0.251
50	A184B	6.182	6.105	0.077
50	A146B	5.835	6.799	-0.964
50	A182B	6.043	6.356	-0.313
50	A179UB	6.280	6.564	-0.284
50	A176UB	6.937	6.474	0.463
50	A174UB	6.040	6.253	-0.213
50	A172UB	6.468	6.006	0.462
50	A171UB	6.586	6.158	0.428
50	C41UB	6.803	6.055	0.748
50	C42UB	6.315	6.387	-0.072
50	C43UB	6.504	5.945	0.559
50	C44UB	6.575	6.595	-0.020
50	C46UB	6.814	6.480	0.334
50	C49UB	6.131	6.376	-0.245
50	C50UB	6.119	6.395	-0.276
50	B44UB	6.332	6.675	-0.343
50	B40UB	6.103	6.433	-0.330
50	B37UB	6.134	6.429	-0.295
50	B32UB	6.181	6.226	-0.045
50	B26UB	6.344	6.318	0.026
50	B39UB	6.506	6.097	0.409
50	B35UB	6.615	6.622	-0.007
50	B80UB	6.299	6.123	0.176
50	A178UB	6.218	6.708	-0.490
50	A173UB	6.401	6.582	-0.181
	Max	6.937	7.298	0.748
	Average	6.086	6.402	-0.317
	Min	0.000	5.772	-6.304
	Std Dev	1.230	0.283	1.232

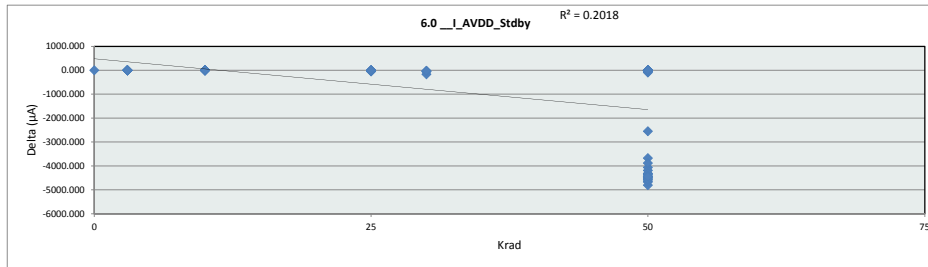


5.18_RMS_Noise_HR_2KS_G32		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Max Limit	12	µV
Min Limit	5	µV

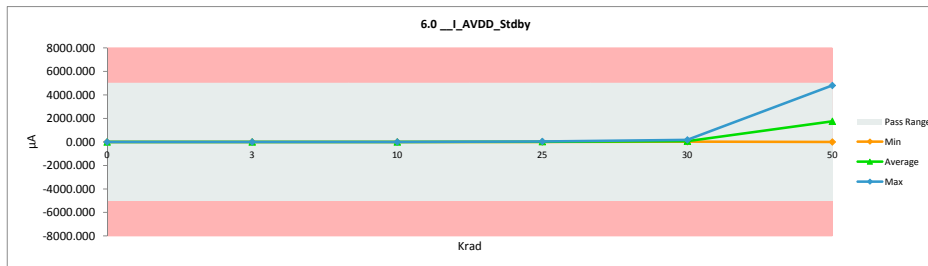
Krad	0	3	10	25	30	50
LL	5.000	5.000	5.000	5.000	5.000	5.000
Min	6.286	5.786	5.772	6.024	6.427	5.806
Average	6.286	6.244	6.308	6.275	6.638	6.465
Max	6.286	6.821	6.661	6.598	6.870	7.298
UL	12.000	12.000	12.000	12.000	12.000	12.000



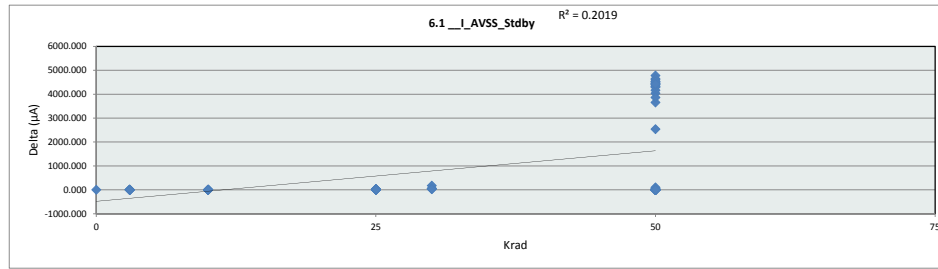
		6.0 __1_AVDD_Stdby		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	0.000015	5000		
Min Limit	-0.000002	-5000		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.198	-0.198
3	B48B	0.223	0.212	0.011
3	B51B	0.186	0.217	-0.031
3	C60B	0.155	0.201	-0.046
3	A162B	0.210	0.192	0.018
3	A165B	0.251	0.175	0.076
3	A155UB	0.178	0.194	-0.016
3	A154UB	0.202	0.184	0.018
3	66UB	0.180	0.195	-0.015
3	69UB	0.183	0.206	-0.023
3	C72UB	0.170	0.209	-0.039
10	B54B	0.195	0.191	0.004
10	B56B	0.190	0.175	0.015
10	C61B	0.183	0.177	0.006
10	C62B	0.182	0.171	0.011
10	A160B	0.197	0.185	0.012
10	B70UB	0.192	0.194	-0.002
10	B72UB	0.190	0.196	-0.006
10	C73UB	0.179	0.183	-0.004
10	A145UB	0.000	0.182	-0.182
10	A153UB	0.184	0.177	0.007
25	A158B	0.197	38.654	-38.457
25	B59B	0.191	9.245	-9.054
25	B63B	0.189	39.005	-38.816
25	C64B	0.179	40.025	-39.846
25	C68B	0.165	41.107	-40.942
25	A152UB	0.188	0.211	-0.023
25	A150UB	0.180	0.225	-0.045
25	B1UB	0.202	0.215	-0.013
25	B4UB	0.189	0.203	-0.014
25	C74UB	0.183	0.195	-0.012
30	AA158B	0.197	49.359	-49.162
30	BB59B	0.191	56.136	-55.945
30	BB63B	0.189	172.283	-172.094
30	CC64B	0.179	23.256	-23.077
30	CC68B	0.165	29.297	-29.132
50	C32B	0.214	56.963	-56.749
50	C33B	0.211	53.897	-53.686
50	C34B	0.186	97.043	-96.857
50	C39B	0.179	6.292	-6.113
50	C78B	0.184	4061.503	-4061.319
50	C79B	0.159	4190.539	-4190.380
50	C80B	0.160	3677.693	-3677.533
50	B14B	0.176	4331.837	-4331.661
50	B15B	0.177	2548.912	-2548.735
50	B18B	0.000	4628.634	-4628.634
50	B10B	0.183	4362.109	-4361.926
50	B11B	0.187	4808.059	-4807.872
50	B13B	0.189	3883.786	-3883.597
50	B17B	0.169	4319.035	-4318.866
50	B185B	0.176	4502.407	-4502.231
50	A186B	0.185	4552.532	-4552.347
50	A180B	0.198	4468.111	-4467.913
50	A148B	0.207	4449.451	-4449.244
50	A183B	0.193	4669.557	-4669.364
50	A184B	0.173	4425.043	-4424.870
50	A146B	0.190	4557.222	-4557.032
50	A182B	0.195	4452.405	-4452.210
50	A179UB	0.185	0.221	-0.036
50	A176UB	0.170	0.221	-0.051
50	A174UB	0.175	0.203	-0.028
50	A172UB	0.192	0.211	-0.019
50	A171UB	0.173	0.216	-0.043
50	C41UB	0.664	0.706	-0.042
50	C42UB	0.195	0.201	-0.006
50	C43UB	0.175	0.214	-0.039
50	C44UB	0.199	0.204	-0.005
50	C46UB	0.151	0.216	-0.065
50	C49UB	0.198	0.211	-0.013
50	C50UB	0.196	0.200	-0.004
50	B44UB	0.186	0.224	-0.038
50	B40UB	0.171	0.226	-0.055
50	B37UB	0.186	0.205	-0.019
50	B32UB	0.179	0.202	-0.023
50	B26UB	0.192	0.215	-0.023
50	B39UB	0.183	0.217	-0.034
50	B35UB	0.174	0.216	-0.042
50	B80UB	0.180	0.226	-0.046
50	A178UB	0.173	0.233	-0.060
50	A173UB	0.189	0.222	-0.033
	Max	0.664	4808.059	0.076
	Average	0.185	970.146	-969.961
	Min	0.000	0.171	-4807.872
	Std Dev	0.066	1805.939	1805.946



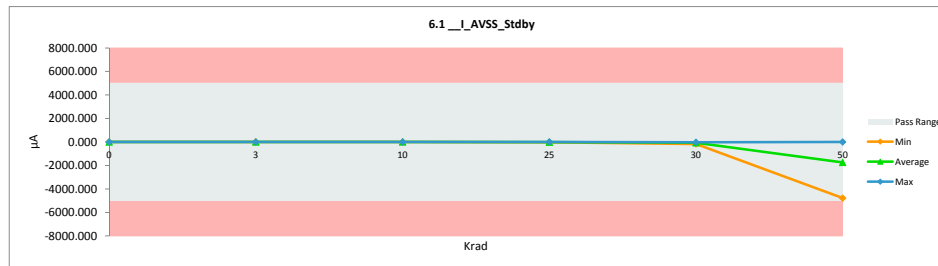
		6.0 __1_AVDD_Stdby					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	5000	µA					
Min Limit	-5000	µA					
Krad	0	3	10	25	30	50	
LL	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	
Min	0.198	0.175	0.171	0.195	23.256	0.200	
Average	0.198	0.199	0.183	16.909	66.066	1752.460	
Max	0.198	0.217	0.196	41.107	172.283	4808.059	
UL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	



		6.1 __1_AVSS_Stdby		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	0.000015	5000		
Min Limit	-0.0001	-5000		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	-0.207	0.207
3	B48B	-0.231	-0.286	0.055
3	B51B	-0.282	-0.239	-0.043
3	C60B	-0.281	-0.111	-0.170
3	A162B	-0.422	-0.341	-0.081
3	A165B	-0.348	-0.203	-0.145
3	A155UB	-0.375	-0.122	-0.253
3	A154UB	-0.303	-0.153	-0.150
3	66UB	-0.329	-0.073	-0.256
3	69UB	-0.224	-0.159	-0.065
3	C72UB	-0.150	-0.281	0.131
10	B54B	-0.180	-0.142	-0.038
10	B56B	-0.407	-0.178	-0.229
10	C61B	-0.170	-0.231	0.061
10	C62B	-0.241	-0.282	0.041
10	A160B	-0.229	-0.242	0.013
10	B70UB	-0.032	-0.313	0.281
10	B72UB	-0.229	-0.184	-0.045
10	C73UB	-0.189	-0.205	0.016
10	A145UB	0.000	-0.399	0.399
10	A153UB	-0.153	-0.392	0.239
25	A158B	-0.309	-29.985	29.676
25	B59B	-0.236	-7.966	7.730
25	B63B	-0.170	-25.507	25.337
25	C64B	-0.047	-25.605	25.558
25	C68B	-0.227	-29.048	28.821
25	A152UB	-0.277	-0.265	-0.012
25	A150UB	-0.308	-0.281	-0.027
25	B11UB	-0.217	-0.262	0.045
25	B4UB	-0.266	-0.258	-0.008
25	C74UB	-0.181	-0.229	0.048
30	AA158B	-0.309	-51.046	50.737
30	BB59B	-0.236	-58.545	58.309
30	BB63B	-0.170	-173.264	173.094
30	CC64B	-0.047	-25.058	25.011
30	CC68B	-0.227	-31.001	30.774
50	C32B	-0.164	-58.630	58.466
50	C33B	-0.229	-55.903	55.674
50	C34B	0.099	-98.471	98.570
50	C39B	-0.222	-8.248	8.026
50	C78B	-0.188	-4036.716	4036.528
50	C79B	-0.315	-4164.426	4164.111
50	C80B	-0.137	-3655.369	3655.232
50	B14B	0.032	-4305.370	4305.402
50	B15B	-0.264	-2534.899	2534.635
50	B18B	0.000	-4600.448	4600.448
50	B10B	-0.014	-4335.380	4335.366
50	B11B	-0.404	-4777.912	4777.508
50	B13B	-0.236	-3860.001	3859.765
50	B17B	-0.315	-4292.827	4292.512
50	B185B	-0.194	-4475.160	4474.966
50	A186B	-0.322	-4523.594	4523.272
50	A180B	-0.350	-4440.095	4439.745
50	A148B	-0.100	-4421.101	4421.001
50	A183B	-0.214	-4641.531	4641.317
50	A184B	-0.188	-4398.089	4397.901
50	A146B	-0.147	-4529.088	4528.941
50	A182B	-0.324	-4425.486	4425.162
50	A179UB	-0.226	-0.127	-0.099
50	A176UB	0.044	-0.268	0.312
50	A174UB	-0.067	-0.210	0.143
50	A172UB	-0.364	-0.088	-0.276
50	A171UB	-0.780	-0.916	0.136
50	C41UB	-0.505	-0.659	0.154
50	C42UB	-0.275	-0.247	-0.028
50	C43UB	-0.235	-0.067	-0.168
50	C44UB	-0.226	-0.240	0.014
50	C46UB	-0.263	-0.232	-0.031
50	C49UB	-0.261	-0.052	-0.209
50	C50UB	-0.265	-0.290	0.025
50	B44UB	-0.174	-0.152	-0.022
50	B40UB	-0.205	-0.235	0.030
50	B37UB	-0.363	-0.184	-0.179
50	B32UB	-0.218	-0.158	-0.060
50	B26UB	-0.190	-0.189	-0.001
50	B39UB	-0.227	-0.204	-0.023
50	B35UB	-0.390	-0.247	-0.143
50	B80UB	-0.353	-0.191	-0.162
50	A178UB	-0.261	-0.236	-0.025
50	A173UB	-0.158	-0.176	0.018
	Max	0.099	-0.052	4777.508
	Average	-0.227	-963.840	963.613
	Min	-0.780	-4777.912	-0.276
	Std Dev	0.131	1795.037	1795.050

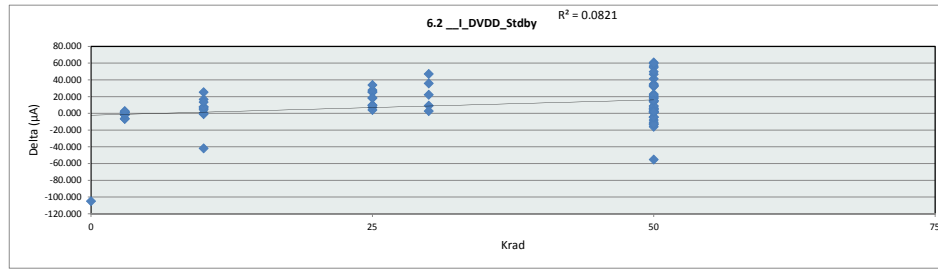


		6.1 __1_AVSS_Stdby					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	5000	µA					
Min Limit	-5000	µA					
Krad	0	3	10	25	30	50	
LL	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	
Min	-0.207	-0.341	-0.399	-29.985	-173.264	-4777.912	
Average	-0.207	-0.197	-0.257	-11.941	-67.783	-1741.912	
Max	-0.207	-0.073	-0.142	-0.229	-25.058	-0.052	
UL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	



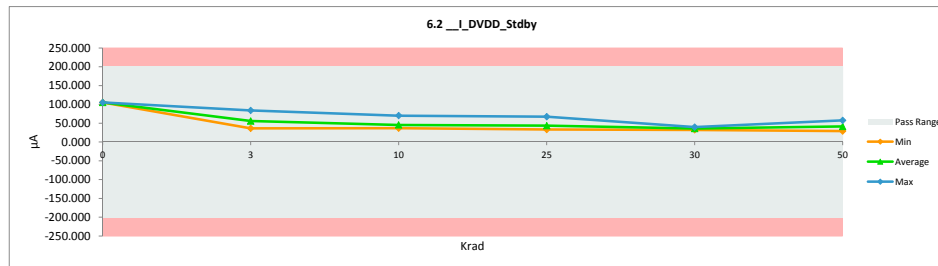
6.2 __1_DVDD_Stdby		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Unit	µA	µA
Max Limit	0.0001	200
Min Limit	0.000015	-200

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	104.958	-104.958
3	B48B	51.559	57.973	-6.414
3	B51B	72.092	73.737	-1.645
3	C60B	37.481	36.439	1.042
3	A162B	65.785	64.321	1.464
3	A165B	35.980	42.737	-6.757
3	A155UB	36.218	37.905	-1.687
3	A154UB	56.605	55.351	1.254
3	66UB	67.327	69.183	-1.856
3	69UB	84.824	83.805	1.019
3	C72UB	38.782	36.065	2.717
10	B54B	81.875	56.637	25.238
10	B56B	75.991	69.898	6.093
10	C61B	44.169	36.627	7.542
10	C62B	35.669	36.622	-0.953
10	A160B	39.957	39.613	0.344
10	B70UB	41.134	36.811	4.323
10	B72UB	52.505	44.822	7.683
10	C73UB	57.048	40.372	16.676
10	A145UB	0.000	41.996	-41.996
10	A153UB	63.198	49.873	13.325
25	A158B	41.279	34.229	7.050
25	B59B	86.649	58.918	27.731
25	B63B	72.690	47.410	25.280
25	C64B	37.130	33.085	4.045
25	C68B	57.469	39.395	18.074
25	A152UB	67.858	42.506	25.352
25	A150UB	46.078	36.583	9.495
25	B1UB	46.668	36.951	9.717
25	B4UB	85.514	67.075	18.439
25	C74UB	71.887	38.105	33.782
30	AA158B	41.279	32.089	9.190
30	BB59B	86.649	39.601	47.048
30	BB63B	72.690	37.003	35.687
30	CC64B	37.130	34.587	2.543
30	CC68B	57.469	35.271	22.198
50	C32B	37.243	36.569	0.674
50	C33B	48.284	34.658	13.626
50	C34B	46.712	38.031	8.681
50	C39B	69.033	36.425	32.608
50	C78B	38.528	51.093	-12.565
50	C79B	59.600	53.390	6.210
50	C80B	39.869	47.878	-8.009
50	B14B	66.729	48.701	18.028
50	B15B	48.145	46.284	1.861
50	B18B	0.000	55.240	-55.240
50	B10B	67.516	49.135	18.381
50	B11B	63.217	57.451	5.766
50	B13B	77.407	45.325	32.082
50	B17B	46.238	50.697	-4.459
50	B185B	48.169	52.792	-4.623
50	A186B	56.120	51.981	4.139
50	A180B	49.814	47.993	1.821
50	A148B	39.521	53.138	-13.617
50	A183B	39.706	50.502	-10.796
50	A184B	33.365	49.450	-16.085
50	A146B	41.330	54.310	-12.980
50	A182B	74.909	52.011	22.898
50	A179UB	41.075	35.723	5.352
50	A176UB	42.919	34.310	8.609
50	A174UB	74.385	33.059	41.326
50	A172UB	48.599	33.877	14.722
50	A171UB	70.367	35.496	34.871
50	C41UB	54.942	35.018	19.924
50	C42UB	38.142	34.154	3.988
50	C43UB	36.167	34.710	1.457
50	C44UB	37.716	36.423	1.293
50	C46UB	33.830	38.457	-4.627
50	C49UB	49.981	35.142	14.839
50	C50UB	62.632	28.929	33.703
50	B44UB	85.887	29.628	56.259
50	B40UB	64.213	31.155	33.058
50	B37UB	80.601	34.103	46.498
50	B32UB	88.709	33.911	54.798
50	B26UB	95.798	35.138	60.660
50	B39UB	58.107	36.582	21.525
50	B35UB	83.985	34.379	49.606
50	B80UB	91.323	32.002	59.321
50	A178UB	38.060	36.309	1.751
50	A173UB	49.465	34.030	15.435
	Max	95.798	104.958	60.660
	Average	54.562	44.302	10.261
	Min	0.000	28.929	-104.958
	Std Dev	20.228	13.209	24.240



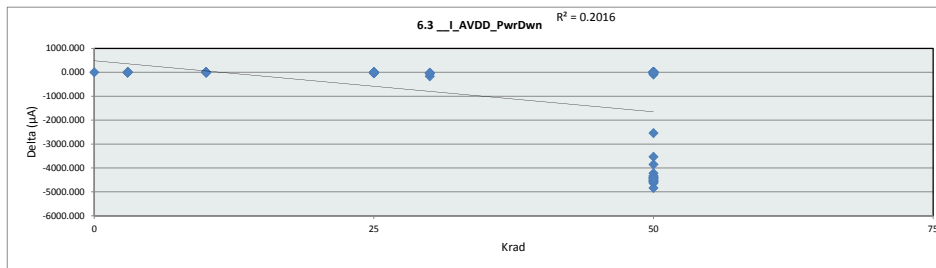
6.2 __1_DVDD_Stdby		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Max Limit	200	µA
Min Limit	-200	µA

Krad	0	3	10	25	30	50
LL	-200.000	-200.000	-200.000	-200.000	-200.000	-200.000
Min	104.958	36.065	36.622	33.085	32.089	28.929
Average	104.958	55.752	45.327	43.426	35.710	41.263
Max	104.958	83.805	69.898	67.075	39.601	57.451
UL	200.000	200.000	200.000	200.000	200.000	200.000



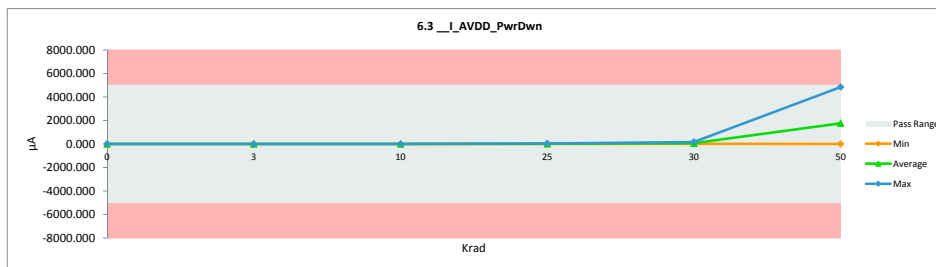
		6.3 __1_AVDD_PwrDwn	
Test Site		CLAB	CLAB
Tester		Eagle3	Eagle3
Test Number		EF651300	EF651300
Unit		µA	µA
Max Limit		0.000015	5000
Min Limit		-0.000002	-5000

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.245	-0.245
3	B48B	0.249	0.260	-0.011
3	B51B	0.184	0.211	-0.027
3	C60B	0.221	0.210	0.011
3	A162B	0.156	0.192	-0.036
3	A165B	0.173	0.198	-0.025
3	A155UB	0.168	0.216	-0.048
3	A154UB	0.163	0.202	-0.039
3	66UB	0.186	0.208	-0.022
3	69UB	0.195	0.232	-0.037
3	C72UB	0.183	0.225	-0.042
10	B54B	0.190	0.202	-0.012
10	B56B	0.163	0.191	-0.028
10	C61B	0.184	0.186	-0.002
10	C62B	0.233	0.203	0.030
10	A160B	0.151	0.181	-0.030
10	B70UB	0.203	0.229	-0.026
10	B72UB	0.168	0.199	-0.031
10	C73UB	0.181	0.187	-0.006
10	A145UB	0.000	0.216	-0.216
10	A153UB	0.156	0.199	-0.043
25	A158B	0.157	33.565	-33.408
25	B59B	0.169	8.468	-8.299
25	B63B	0.187	34.962	-34.775
25	C64B	0.190	38.033	-37.843
25	C68B	0.184	37.356	-37.172
25	A152UB	0.176	0.208	-0.032
25	A150UB	0.168	0.222	-0.054
25	B1UB	0.250	0.220	0.030
25	B4UB	0.184	0.205	-0.021
25	C74UB	0.200	0.216	-0.014
30	AA155B	0.157	47.842	-47.685
30	BB59B	0.169	58.911	-58.742
30	BB63B	0.187	171.760	-171.573
30	CC64B	0.190	22.163	-21.973
30	CC68B	0.184	29.768	-29.584
50	C32B	0.230	56.902	-56.672
50	C33B	0.218	53.697	-53.479
50	C34B	0.188	97.174	-96.986
50	C39B	0.202	6.098	-5.896
50	C78B	0.183	4226.906	-4226.723
50	C79B	0.198	4396.809	-4396.611
50	C80B	0.162	3531.667	-3531.505
50	B14B	0.179	4558.224	-4558.045
50	B15B	0.194	2545.050	-2544.856
50	B18B	0.000	4636.539	-4636.539
50	B10B	0.173	4396.971	-4396.798
50	B11B	0.185	4836.937	-4836.752
50	B13B	0.182	3858.280	-3858.098
50	B17B	0.207	4557.450	-4557.243
50	B185B	0.201	4449.055	-4448.854
50	A186B	0.195	4339.071	-4338.876
50	A180B	0.180	4346.787	-4346.607
50	A148B	0.166	4477.773	-4477.607
50	A183B	0.184	4515.390	-4515.206
50	A184B	0.184	4571.612	-4571.428
50	A146B	0.178	4579.630	-4579.452
50	A182B	0.179	4449.659	-4449.480
50	A179UB	0.177	0.209	-0.032
50	A176UB	0.172	0.232	-0.060
50	A174UB	0.181	0.232	-0.051
50	A172UB	0.168	0.216	-0.048
50	A171UB	0.166	0.216	-0.050
50	C41UB	0.641	0.671	-0.030
50	C42UB	0.182	0.224	-0.042
50	C43UB	0.183	0.195	-0.012
50	C44UB	0.195	0.251	-0.056
50	C46UB	0.180	0.238	-0.058
50	C49UB	0.187	0.229	-0.042
50	C50UB	0.210	0.258	-0.048
50	B44UB	0.202	0.242	-0.040
50	B40UB	0.218	0.246	-0.028
50	B37UB	0.240	0.253	-0.013
50	B32UB	0.238	0.249	-0.011
50	B26UB	0.213	0.229	-0.016
50	B39UB	0.234	0.247	-0.013
50	B35UB	0.213	0.241	-0.028
50	B80UB	0.232	0.239	-0.007
50	A178UB	0.183	0.207	-0.024
50	A173UB	0.179	0.222	-0.043
Max		0.641	4836.937	0.030
Average		0.188	974.769	-974.581
Min		0.000	0.181	-4836.752
Std Dev		0.067	1815.825	1815.833

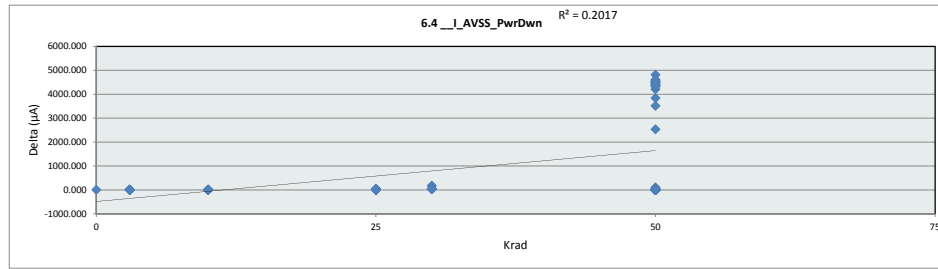


		6.3 __1_AVDD_PwrDwn	
Test Site		CLAB	CLAB
Tester		Eagle3	Eagle3
Test Number		EF651300	EF651300
Max Limit		5000	µA
Min Limit		-5000	µA

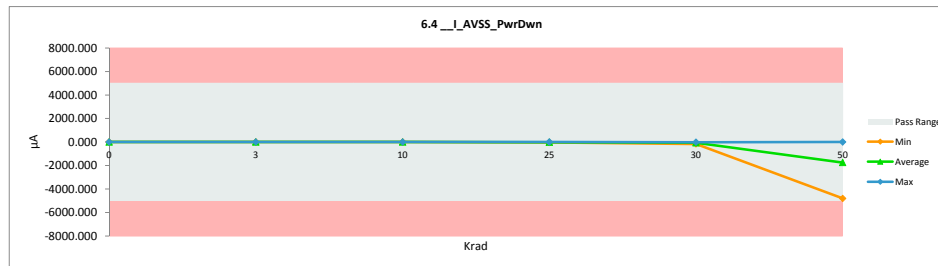
Krad	0	3	10	25	30	50
LL	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000
Min	0.245	0.192	0.181	0.205	22.163	0.195
Average	0.245	0.215	0.199	15.346	66.089	1761.210
Max	0.245	0.260	0.229	38.033	171.760	4836.937
UL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000



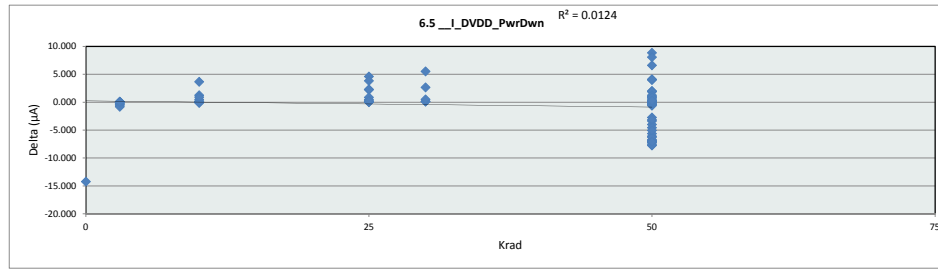
6.4 __ I_AVSS_PwrDwn				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	0.000015	5000		
Min Limit	-0.0001	-5000		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.008	-0.008
3	B48B	-0.226	0.044	-0.270
3	B51B	-0.128	-0.334	0.206
3	C60B	-0.139	-0.242	0.103
3	A162B	-0.182	-0.122	-0.060
3	A165B	-0.139	-0.111	-0.028
3	A155UB	-0.154	-0.061	-0.093
3	A154UB	-0.372	-0.060	-0.312
3	66UB	-0.125	-0.085	-0.040
3	69UB	-0.059	-0.084	0.025
3	C72UB	-0.168	0.095	-0.263
10	B54B	-0.154	0.029	-0.183
10	B56B	-0.092	-0.019	-0.073
10	C61B	-0.131	-0.103	-0.028
10	C62B	-0.168	-0.203	0.035
10	A160B	-0.175	-0.067	-0.108
10	B70UB	-0.226	0.023	-0.249
10	B72UB	-0.035	-0.105	0.070
10	C73UB	-0.059	-0.155	0.096
10	A145UB	0.000	-0.124	0.124
10	A153UB	-0.239	-0.089	-0.150
25	A158B	-0.201	-36.434	36.233
25	B59B	-0.235	-8.402	8.167
25	B63B	-0.158	-37.741	37.583
25	C64B	-0.356	-42.096	41.740
25	C68B	-0.001	-40.706	40.705
25	A152UB	-0.208	-0.024	-0.184
25	A150UB	-0.275	-0.249	-0.026
25	B1UB	0.010	-0.164	0.174
25	B4UB	-0.044	-0.034	-0.010
25	C74UB	-0.166	0.031	-0.187
30	AA158B	-0.201	-49.622	49.421
30	BB59B	-0.235	-60.921	60.686
30	BB63B	-0.158	-173.298	173.140
30	CC64B	-0.356	-24.017	23.661
30	CC68B	-0.001	-31.917	31.916
50	C32B	-0.183	-58.645	58.462
50	C33B	-0.108	-55.522	55.414
50	C34B	-0.277	-98.693	98.416
50	C39B	-0.127	-8.192	8.065
50	C78B	0.017	-4202.237	4202.254
50	C79B	0.024	-4371.514	4371.538
50	C80B	-0.155	-3511.274	3511.119
50	B14B	0.001	-4531.498	4531.499
50	B15B	0.021	-2531.226	2531.247
50	B18B	0.000	-4609.902	4609.902
50	B10B	-0.159	-4371.285	4371.126
50	B11B	-0.044	-4808.982	4808.938
50	B13B	-0.088	-3835.837	3835.749
50	B17B	0.058	-4530.970	4531.028
50	B185B	-0.158	-4423.762	4423.604
50	A186B	-0.331	-4313.274	4312.943
50	A180B	-0.068	-4320.754	4320.686
50	A148B	-0.310	-4451.733	4451.423
50	A183B	-0.267	-4488.973	4488.706
50	A184B	-0.071	-4545.087	4545.016
50	A146B	-0.184	-4553.538	4553.354
50	A182B	-0.149	-4423.459	4423.310
50	A179UB	-0.127	-0.112	-0.015
50	A176UB	-0.167	-0.144	-0.023
50	A174UB	-0.209	-0.142	-0.067
50	A172UB	-0.078	-0.083	0.005
50	A171UB	-0.937	-0.747	-0.190
50	C41UB	-0.442	-0.294	-0.148
50	C42UB	-0.077	-0.072	-0.005
50	C43UB	-0.047	-0.116	0.069
50	C44UB	-0.079	0.155	-0.234
50	C46UB	-0.028	-0.256	0.228
50	C49UB	-0.088	-0.037	-0.051
50	C50UB	0.066	-0.086	0.152
50	B44UB	0.013	0.049	-0.036
50	B40UB	-0.131	0.003	-0.134
50	B37UB	-0.034	-0.201	0.167
50	B32UB	0.158	-0.033	0.191
50	B26UB	-0.099	-0.241	0.142
50	B39UB	-0.048	-0.106	0.058
50	B35UB	-0.040	0.026	-0.066
50	B80UB	-0.166	-0.113	-0.053
50	A178UB	-0.050	-0.240	0.190
50	A173UB	-0.079	-0.256	0.177
Max	0.158	0.155	4808.938	
Average	-0.135	-969.460	969.325	
Min	-0.937	-4808.982	-0.312	
Std Dev	0.143	1805.098	1805.114	



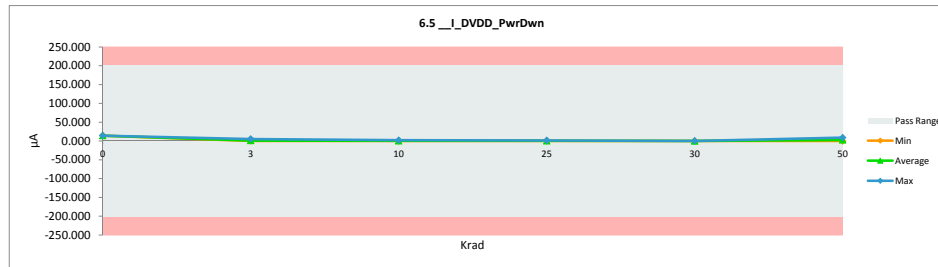
6.4 __ I_AVSS_PwrDwn						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	5000	µA				
Min Limit	-5000	µA				
Krad	0	3	10	25	30	50
LL	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000	-5000.000
Min	0.008	-0.334	-0.203	-42.096	-173.298	-4808.982
Average	0.008	-0.096	-0.081	-16.583	-67.955	-1751.123
Max	0.008	0.095	0.029	0.021	-24.017	0.155
UL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000



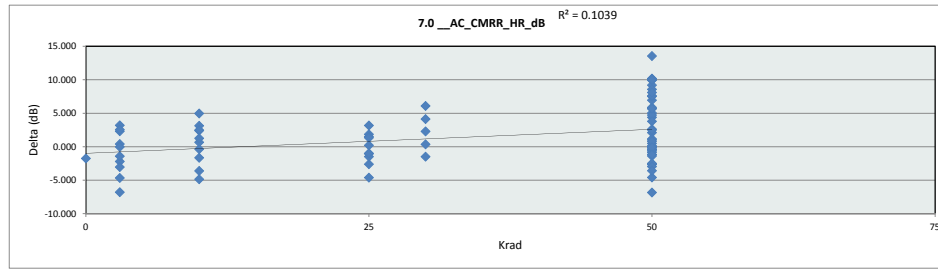
6.5 __1_DVDD_PwrDwn				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	0.0001	200		
Min Limit	-0.000166	-200		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	14.260	-14.260
3	B48B	0.403	0.923	-0.520
3	B51B	1.454	1.927	-0.473
3	C60B	0.093	0.099	-0.006
3	A162B	1.305	1.256	0.049
3	A165B	0.046	0.204	-0.158
3	A155UB	0.085	0.108	-0.023
3	A154UB	0.554	0.466	0.088
3	66UB	1.550	1.710	-0.160
3	69UB	4.507	5.331	-0.824
3	C72UB	0.091	0.102	-0.011
10	B54B	4.377	0.729	3.648
10	B56B	3.409	2.179	1.230
10	C61B	0.121	0.119	0.002
10	C62B	0.074	0.034	0.040
10	A160B	0.105	0.082	0.023
10	B70UB	0.129	0.111	0.018
10	B72UB	0.407	0.249	0.158
10	C73UB	0.580	0.111	0.469
10	A145UB	0.000	0.137	-0.137
10	A153UB	1.207	0.318	0.889
25	A158B	0.092	0.076	0.016
25	B59B	5.599	1.019	4.580
25	B63B	2.728	0.520	2.208
25	C64B	0.091	0.103	-0.012
25	C68B	0.547	0.096	0.451
25	A152UB	1.049	0.193	0.856
25	A150UB	0.206	0.096	0.110
25	B1UB	0.326	0.096	0.230
25	B4UB	5.465	1.650	3.815
25	C74UB	2.408	0.112	2.296
30	AA158B	0.092	-0.019	0.111
30	BB59B	5.599	0.087	5.512
30	BB63B	2.728	0.093	2.635
30	CC64B	0.091	-0.031	0.122
30	CC68B	0.547	0.068	0.479
50	C32B	0.051	0.682	-0.631
50	C33B	0.275	0.688	-0.413
50	C34B	0.320	0.718	-0.398
50	C39B	1.932	0.070	1.862
50	C78B	0.064	7.847	-7.783
50	C79B	1.667	8.992	-7.325
50	C80B	0.099	3.492	-3.393
50	B14B	1.315	4.080	-2.765
50	B15B	0.306	4.330	-4.024
50	B18B	0.000	6.978	-6.978
50	B10B	1.523	4.708	-3.185
50	B11B	0.820	8.000	-7.180
50	B13B	2.996	3.300	-0.304
50	B17B	0.199	6.294	-6.095
50	B185B	0.154	6.881	-6.727
50	A186B	0.388	6.050	-5.662
50	A180B	0.260	7.910	-7.650
50	A148B	0.044	6.992	-6.948
50	A183B	0.068	6.338	-6.270
50	A184B	0.084	7.207	-7.123
50	A146B	0.110	4.689	-4.579
50	A182B	3.063	8.147	-5.084
50	A179UB	0.149	0.103	0.046
50	A176UB	0.098	0.105	-0.007
50	A174UB	2.101	0.121	1.980
50	A172UB	0.283	0.055	0.228
50	A171UB	2.011	0.062	1.949
50	C41UB	0.642	0.072	0.570
50	C42UB	0.139	0.072	0.067
50	C43UB	0.097	0.105	-0.008
50	C44UB	0.063	0.102	-0.039
50	C46UB	0.030	0.111	-0.081
50	C49UB	0.370	0.014	0.356
50	C50UB	1.072	0.092	0.980
50	B44UB	4.225	0.185	4.040
50	B40UB	1.324	0.091	1.233
50	B37UB	4.060	0.087	3.973
50	B32UB	6.666	0.058	6.608
50	B26UB	8.906	0.077	8.829
50	B39UB	0.911	0.079	0.832
50	B35UB	4.162	0.087	4.075
50	B80UB	8.128	0.076	8.052
50	A178UB	0.087	0.071	0.016
50	A173UB	0.384	0.110	0.274
Max		8.906	14.260	8.829
Average		1.371	1.887	-0.515
Min		0.000	-0.031	-14.260
Std Dev		1.978	3.017	3.819



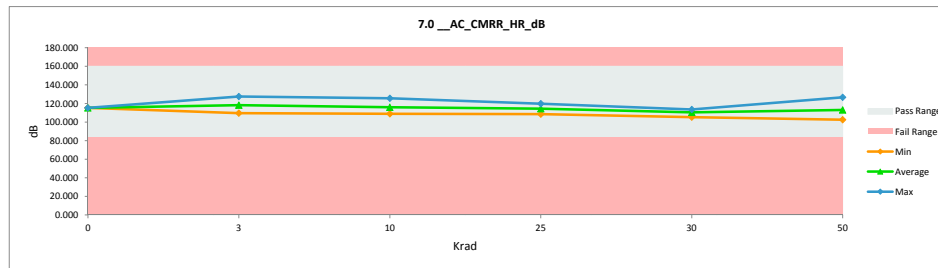
6.5 __1_DVDD_PwrDwn						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	200	µA				
Min Limit	-200	µA				
Krad	0	3	10	25	30	50
LL	-200.000	-200.000	-200.000	-200.000	-200.000	-200.000
Min	14.260	0.099	0.034	0.076	-0.031	0.014
Average	14.260	1.213	0.407	0.396	0.040	2.644
Max	14.260	5.331	2.179	1.650	0.093	8.992
UL	200.000	200.000	200.000	200.000	200.000	200.000



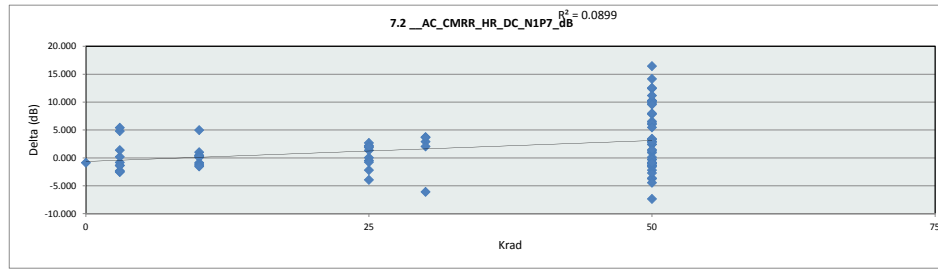
		7.0 __AC_CMRR_HR_dB		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	83	83		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	113.582	115.332	-1.750
3	B48B	123.829	120.616	3.213
3	B51B	120.736	127.515	-6.779
3	C60B	116.827	121.495	-4.668
3	A162B	117.656	119.865	-2.209
3	A165B	116.481	117.890	-1.409
3	A155UB	109.958	109.554	0.404
3	A154UB	113.302	116.348	-3.046
3	66UB	116.028	113.712	2.316
3	69UB	122.542	119.978	2.564
3	C72UB	115.622	115.638	-0.016
10	B54B	119.971	123.590	-3.619
10	B56B	112.447	110.028	2.419
10	C61B	117.713	114.590	3.123
10	C62B	114.045	115.691	-1.646
10	A160B	119.508	114.539	4.969
10	B70UB	108.514	108.870	-0.356
10	B72UB	117.971	115.495	2.476
10	C73UB	120.825	125.681	-4.856
10	A145UB	115.904	115.240	0.664
10	A153UB	117.850	116.574	1.276
25	A158B	110.437	108.570	1.867
25	B59B	108.328	109.374	-1.046
25	B63B	119.730	118.229	1.501
25	C64B	117.747	116.418	1.329
25	C68B	107.531	110.135	-2.604
25	A152UB	120.027	119.817	0.210
25	A150UB	113.962	118.582	-4.620
25	B1UB	112.647	114.122	-1.475
25	B4UB	118.736	115.554	3.182
25	C74UB	112.244	113.258	-0.981
30	AA158B	110.437	111.926	-1.489
30	BB59B	108.328	107.966	0.362
30	BB63B	119.730	113.628	6.102
30	CC64B	117.747	113.621	4.126
30	CC68B	107.531	105.226	2.305
50	C32B	118.076	112.205	5.871
50	C33B	117.787	116.748	1.039
50	C34B	112.974	113.320	-0.346
50	C39B	104.608	102.516	2.092
50	C78B	116.266	106.326	9.940
50	C79B	113.308	114.147	-0.839
50	C80B	116.449	106.280	10.169
50	B14B	114.716	107.769	6.947
50	B15B	114.211	121.055	-6.844
50	B18B	114.587	107.057	7.530
50	B10B	117.653	110.059	7.594
50	B11B	120.640	111.448	9.192
50	B13B	118.569	108.441	10.128
50	B17B	114.001	105.434	8.567
50	B185B	114.587	109.548	5.039
50	A186B	110.606	111.050	-0.444
50	A180B	123.560	110.009	13.551
50	A148B	116.557	112.165	4.392
50	A183B	116.479	106.513	9.966
50	A184B	112.187	104.094	8.093
50	A146B	117.305	111.630	5.675
50	A182B	117.152	117.104	0.048
50	A179UB	110.665	112.055	-1.390
50	A176UB	109.627	110.242	-0.615
50	A174UB	115.769	115.885	-0.116
50	A172UB	114.333	115.507	-1.174
50	A171UB	113.331	117.924	-4.593
50	C41UB	114.291	116.877	-2.586
50	C42UB	110.938	110.798	0.140
50	C43UB	112.537	115.180	-2.643
50	C44UB	119.573	119.075	0.498
50	C46UB	115.215	112.587	2.628
50	C49UB	121.744	120.573	1.171
50	C50UB	118.003	113.280	4.723
50	B44UB	119.531	119.972	-0.441
50	B40UB	114.448	111.942	2.506
50	B37UB	117.775	116.952	0.823
50	B32UB	120.383	122.860	-2.477
50	B26UB	123.756	126.714	-2.958
50	B39UB	116.723	112.922	3.801
50	B35UB	120.677	124.250	-3.573
50	B80UB	112.216	112.320	-0.104
50	A178UB	113.323	114.487	-1.164
50	A173UB	114.233	108.556	5.677
	Max	123.829	127.515	13.551
	Average	115.598	114.131	1.467
	Min	104.608	102.516	-6.844
	Std Dev	4.100	5.332	4.251



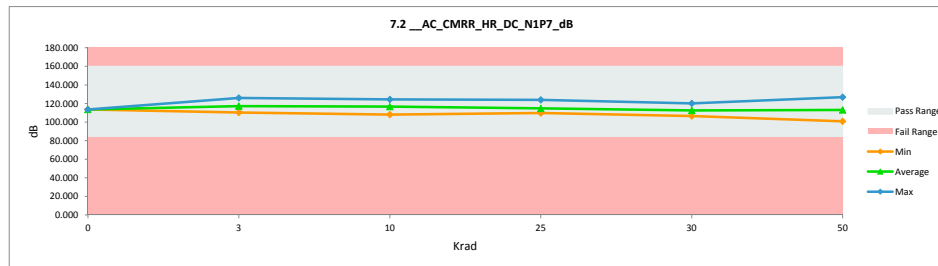
		7.0 __AC_CMRR_HR_dB					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	160	dB					
Min Limit	83	dB					
Krad	0	3	10	25	30	50	
LL	83.000	83.000	83.000	83.000	83.000	83.000	
Min	115.332	109.554	108.870	108.570	105.226	102.516	
Average	115.332	118.261	116.030	114.403	110.473	113.088	
Max	115.332	127.515	125.681	119.817	113.628	126.714	
UL	160.000	160.000	160.000	160.000	160.000	160.000	



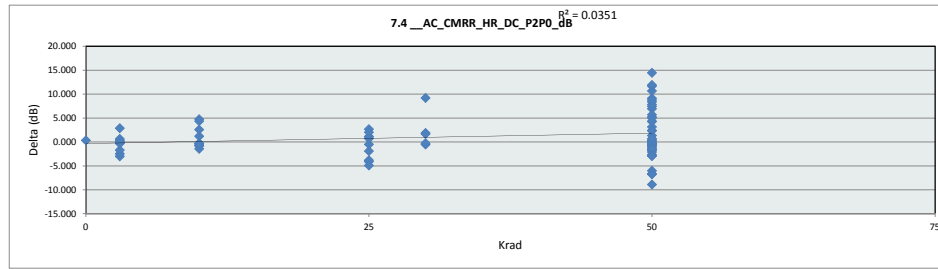
		7.2 __ AC_CMRR_HR_DC_N1P7_dB		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	83	83		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	112.626	113.486	-0.860
3	B48B	120.441	121.244	-0.803
3	B51B	122.010	123.341	-1.331
3	C60B	123.383	125.926	-2.543
3	A162B	113.507	115.796	-2.289
3	A165B	118.523	113.703	4.820
3	A155UB	110.497	110.291	0.206
3	A154UB	112.455	114.892	-2.437
3	66UB	114.908	113.523	1.385
3	69UB	123.158	117.758	5.400
3	C72UB	113.200	114.571	-1.371
10	B54B	121.673	116.679	4.994
10	B56B	108.503	108.047	0.456
10	C61B	115.128	114.111	1.017
10	C62B	116.853	116.405	0.448
10	A160B	121.702	121.467	0.235
10	B70UB	110.222	110.102	0.120
10	B72UB	113.214	114.086	-0.872
10	C73UB	122.970	124.067	-1.097
10	A145UB	115.827	117.121	-1.294
10	A153UB	122.886	124.414	-1.528
25	A158B	114.093	118.031	-3.938
25	B59B	110.260	110.221	0.039
25	B63B	121.694	123.889	-2.195
25	C64B	112.157	109.960	2.197
25	C68B	110.683	111.161	-0.478
25	A152UB	116.141	114.780	1.361
25	A150UB	113.264	114.018	-0.754
25	B1UB	120.014	118.169	1.845
25	B4UB	119.856	117.161	2.695
25	C74UB	111.767	109.741	2.026
30	AA158B	114.093	120.173	-6.080
30	BB59B	110.260	106.539	3.721
30	BB63B	121.694	118.773	2.921
30	CC64B	112.157	108.453	3.704
30	CC68B	110.683	108.636	2.047
50	C32B	116.308	117.706	-1.398
50	C33B	124.501	117.944	6.557
50	C34B	109.908	113.645	-3.737
50	C39B	110.199	106.912	3.287
50	C78B	119.331	105.161	14.170
50	C79B	107.437	108.288	-0.851
50	C80B	117.271	100.808	16.463
50	B14B	116.894	107.062	9.832
50	B15B	120.326	114.275	6.051
50	B18B	117.854	105.408	12.446
50	B10B	121.336	111.069	10.267
50	B11B	115.557	115.870	-0.313
50	B13B	123.156	110.599	12.557
50	B17B	116.360	110.109	6.251
50	B185B	117.854	112.391	5.463
50	A186B	114.030	103.781	10.249
50	A180B	119.922	109.839	10.083
50	A148B	112.660	109.226	3.434
50	A183B	115.128	116.709	-1.581
50	A184B	108.558	109.472	-0.914
50	A146B	120.711	109.526	11.185
50	A182B	111.651	113.825	-2.174
50	A179UB	116.830	115.883	0.947
50	A176UB	108.947	108.816	0.131
50	A174UB	111.540	110.287	1.253
50	A172UB	110.110	113.736	-3.626
50	A171UB	115.000	115.867	-0.867
50	C41UB	109.833	112.539	-2.706
50	C42UB	119.399	116.964	2.435
50	C43UB	107.746	108.670	-0.924
50	C44UB	119.457	117.026	2.431
50	C46UB	119.338	120.705	-1.367
50	C49UB	122.121	123.077	-0.956
50	C50UB	112.077	113.158	-1.081
50	B44UB	120.087	117.144	2.943
50	B40UB	123.348	113.782	9.566
50	B37UB	122.875	115.015	7.860
50	B32UB	122.147	119.329	2.818
50	B26UB	119.453	126.814	-7.361
50	B39UB	112.566	112.788	-0.222
50	B35UB	119.800	118.338	1.462
50	B80UB	112.935	117.372	-4.437
50	A178UB	112.300	113.157	-0.857
50	A173UB	122.961	114.955	8.006
	Max	124.501	126.814	16.463
	Average	116.129	114.197	1.932
	Min	107.437	100.808	-7.361
	Std Dev	4.779	5.285	4.768



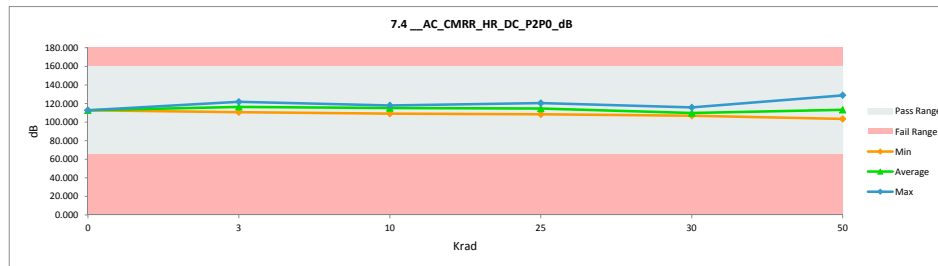
		7.2 __ AC_CMRR_HR_DC_N1P7					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	160	dB					
Min Limit	83	dB					
Krad	0	3	10	25	30	50	
LL	83.000	83.000	83.000	83.000	83.000	83.000	
Min	113.486	110.291	108.047	109.741	106.539	100.808	
Average	113.486	117.105	116.650	114.713	112.515	113.069	
Max	113.486	125.926	124.414	123.889	120.173	126.814	
UL	160.000	160.000	160.000	160.000	160.000	160.000	



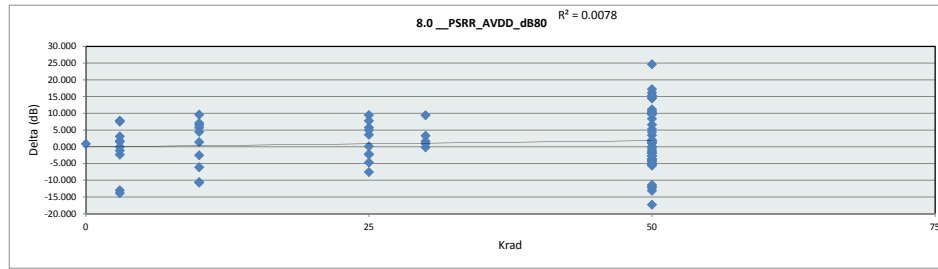
		7.4 AC_CMRR_HR_DC_P2P0_dB		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	83	65		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	113.096	112.756	0.340
3	B48B	118.807	121.825	-3.018
3	B51B	119.909	117.031	2.878
3	C60B	114.102	116.582	-2.480
3	A162B	117.650	117.748	-0.098
3	A165B	119.331	119.034	0.297
3	A155UB	108.998	110.714	-1.716
3	A154UB	115.321	114.673	0.648
3	66UB	114.386	114.660	-0.274
3	69UB	118.478	118.332	0.146
3	C72UB	113.340	113.637	-0.297
10	B54B	122.100	117.339	4.761
10	B56B	110.564	109.370	1.194
10	C61B	113.813	115.257	-1.444
10	C62B	115.056	115.405	-0.349
10	A160B	119.677	117.092	2.585
10	B70UB	108.353	109.085	-0.732
10	B72UB	115.974	116.794	-0.820
10	C73UB	122.308	117.970	4.338
10	A145UB	115.237	115.456	-0.219
10	A153UB	116.539	116.977	-0.438
25	A158B	111.132	108.465	2.667
25	B59B	109.657	108.506	1.151
25	B63B	115.497	119.323	-3.826
25	C64B	116.002	114.935	1.067
25	C68B	108.487	108.985	-0.498
25	A152UB	118.899	118.206	0.693
25	A150UB	116.075	117.976	-1.901
25	B1UB	115.738	113.679	2.059
25	B4UB	116.317	120.434	-4.117
25	C74UB	110.212	115.116	-4.904
30	AA158B	111.132	111.679	-0.547
30	BB59B	109.657	107.796	1.861
30	BB63B	115.497	115.767	-0.270
30	CC64B	116.002	106.794	9.208
30	CC68B	108.487	106.795	1.692
50	C32B	117.575	112.340	5.235
50	C33B	115.180	121.195	-6.015
50	C34B	110.759	112.854	-2.095
50	C39B	102.646	103.402	-0.756
50	C78B	116.332	105.657	10.675
50	C79B	114.231	109.900	4.331
50	C80B	114.835	106.460	8.375
50	B14B	118.661	106.985	11.676
50	B15B	113.505	114.133	-0.628
50	B18B	114.797	107.863	6.934
50	B10B	120.867	106.417	14.450
50	B11B	119.818	107.891	11.927
50	B13B	116.857	111.155	5.702
50	B17B	115.317	113.959	1.358
50	B185B	114.797	109.760	5.037
50	A186B	110.574	110.684	-0.110
50	A180B	118.293	109.171	9.122
50	A148B	114.374	106.960	7.414
50	A183B	117.227	109.415	7.812
50	A184B	111.813	113.442	-1.629
50	A146B	116.787	108.010	8.777
50	A182B	114.977	115.365	-0.388
50	A179UB	109.642	109.989	-0.347
50	A176UB	109.616	109.867	-0.251
50	A174UB	114.942	114.897	0.045
50	A172UB	115.951	116.577	-0.626
50	A171UB	113.778	116.455	-2.677
50	C41UB	115.324	116.244	-0.920
50	C42UB	112.093	108.953	3.140
50	C43UB	113.965	113.661	0.304
50	C44UB	119.038	119.323	-0.285
50	C46UB	112.044	113.828	-1.784
50	C49UB	121.477	122.730	-1.253
50	C50UB	112.686	112.042	0.644
50	B44UB	123.365	120.994	2.371
50	B40UB	114.127	111.753	2.374
50	B37UB	112.004	120.900	-8.896
50	B32UB	122.165	128.815	-6.650
50	B26UB	124.427	125.819	-1.392
50	B39UB	116.663	116.028	0.635
50	B35UB	117.302	124.049	-6.747
50	B80UB	110.286	113.166	-2.880
50	A178UB	111.201	114.136	-2.935
50	A173UB	113.927	109.637	4.290
	Max	124.427	128.815	14.450
	Average	114.976	113.813	1.163
	Min	102.646	103.402	-8.896
	Std Dev	3.968	5.064	4.394



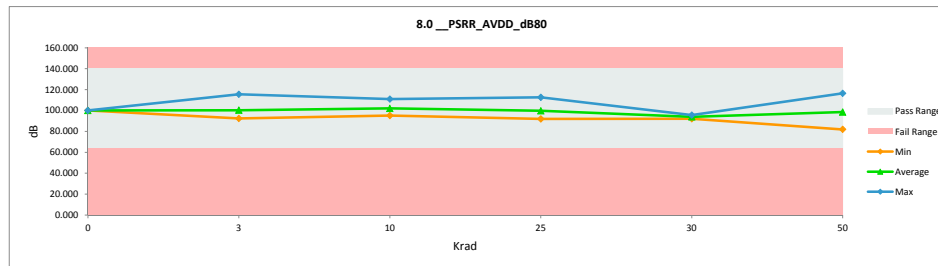
		7.4 AC_CMRR_HR_DC_P2P0					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	160	dB					
Min Limit	65	dB					
Krad	0	3	10	25	30	50	
LL	65.000	65.000	65.000	65.000	65.000	65.000	
Min	112.756	110.714	109.085	108.465	106.794	103.402	
Average	112.756	116.424	115.075	114.563	109.766	113.247	
Max	112.756	121.825	117.970	120.434	115.767	128.815	
UL	160.000	160.000	160.000	160.000	160.000	160.000	



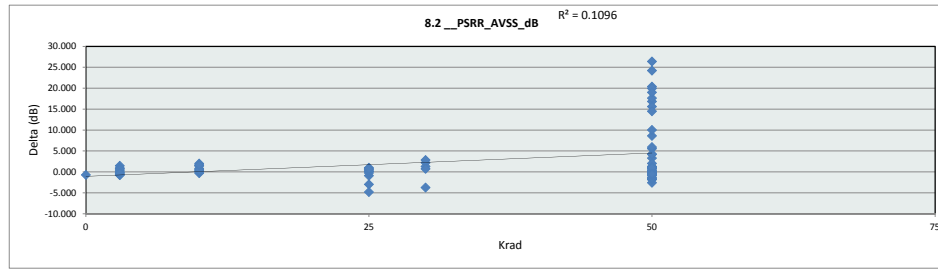
		8.0_PSRR_AVDD_dB80		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	64	64		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	100.977	100.103	0.874
3	B48B	93.188	95.552	-2.364
3	B51B	101.715	94.213	7.502
3	C60B	99.579	96.450	3.129
3	A162B	99.122	97.575	1.547
3	A165B	94.171	92.454	1.717
3	A155UB	102.435	94.637	7.798
3	A154UB	92.964	105.944	-12.980
3	66UB	111.709	111.707	0.002
3	69UB	97.505	98.653	-1.148
3	C72UB	101.618	115.467	-13.849
10	B54B	103.392	96.937	6.455
10	B56B	99.541	98.154	1.387
10	C61B	108.388	110.918	-2.530
10	C62B	112.701	103.095	9.606
10	A160B	100.170	106.295	-6.125
10	B70UB	100.814	95.146	5.668
10	B72UB	97.752	108.335	-10.583
10	C73UB	100.885	96.417	4.468
10	A145UB	106.274	99.206	7.068
10	A153UB	94.693	105.411	-10.718
25	A158B	93.743	95.955	-2.212
25	B59B	92.123	91.973	0.150
25	B63B	98.242	105.794	-7.552
25	C64B	104.969	99.253	5.716
25	C68B	95.804	100.497	-4.693
25	A152UB	102.945	99.347	3.598
25	A150UB	110.338	112.655	-2.317
25	B1UB	106.571	97.090	9.481
25	B4UB	103.205	95.451	7.754
25	C74UB	104.079	99.104	4.975
30	AA158B	93.743	92.137	1.606
30	BB59B	92.123	92.303	-0.180
30	BB63B	98.242	94.946	3.296
30	CC64B	104.969	95.561	9.408
30	CC68B	95.804	94.885	0.919
50	C32B	96.816	95.427	1.389
50	C33B	94.979	86.598	8.381
50	C34B	96.131	109.291	-13.160
50	C39B	95.628	98.246	-2.618
50	C78B	113.269	88.630	24.639
50	C79B	94.439	106.780	-12.341
50	C80B	100.629	89.465	11.164
50	B14B	104.710	94.707	10.003
50	B15B	101.657	85.501	16.156
50	B18B	102.561	87.988	14.573
50	B10B	92.897	86.288	6.609
50	B11B	94.306	106.223	-11.917
50	B13B	93.604	92.560	1.044
50	B17B	100.129	85.700	14.429
50	B185B	102.561	91.900	10.661
50	A186B	99.088	81.895	17.193
50	A180B	100.124	103.872	-3.748
50	A148B	104.521	101.096	3.425
50	A183B	110.768	112.175	-1.407
50	A184B	94.314	99.948	-5.634
50	A146B	107.877	92.519	15.358
50	A182B	101.729	91.443	10.286
50	A179UB	98.418	103.681	-5.263
50	A176UB	100.897	105.212	-4.315
50	A174UB	106.289	101.026	5.263
50	A172UB	93.804	105.197	-11.393
50	A171UB	99.810	101.785	-1.975
50	C41UB	109.268	113.279	-4.011
50	C42UB	107.662	111.289	-3.627
50	C43UB	96.732	101.643	-4.911
50	C44UB	109.698	105.322	4.376
50	C46UB	99.113	116.410	-17.297
50	C49UB	108.439	110.089	-1.650
50	C50UB	97.371	102.445	-5.074
50	B44UB	96.798	97.010	-0.212
50	B40UB	98.065	100.858	-2.793
50	B37UB	94.440	94.384	0.056
50	B32UB	94.924	94.915	0.009
50	B26UB	106.234	96.549	9.685
50	B39UB	99.042	97.701	1.341
50	B35UB	95.990	94.005	1.985
50	B80UB	90.082	94.987	-4.905
50	A178UB	98.907	99.719	-0.812
50	A173UB	103.316	101.514	1.802
	Max	113.269	116.410	24.639
	Average	100.307	99.086	1.220
	Min	90.082	81.895	-17.297
	Std Dev	5.506	7.449	7.924



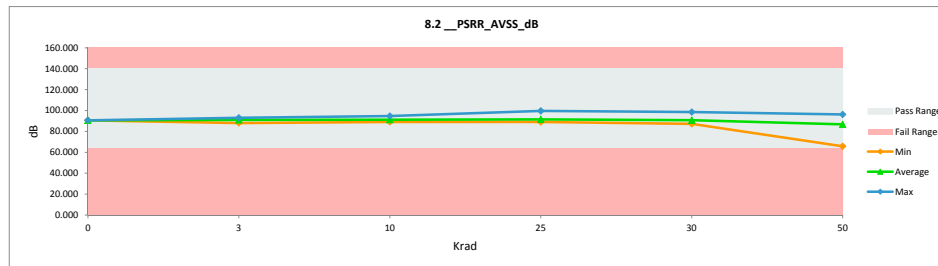
		8.0_PSRR_AVDD_dB80					
Test Site	CLAB						6.455
Tester	Eagle3						
Test Number	EF651300						
Max Limit	140	dB					
Min Limit	64	dB					
Krad	0	3	10	25	30	50	
LL	64.000	64.000	64.000	64.000	64.000	64.000	
Min	100.103	92.454	95.146	91.973	92.137	81.895	
Average	100.103	100.265	101.991	99.712	93.966	98.574	
Max	100.103	115.467	110.918	112.655	95.561	116.410	
UL	140.000	140.000	140.000	140.000	140.000	140.000	



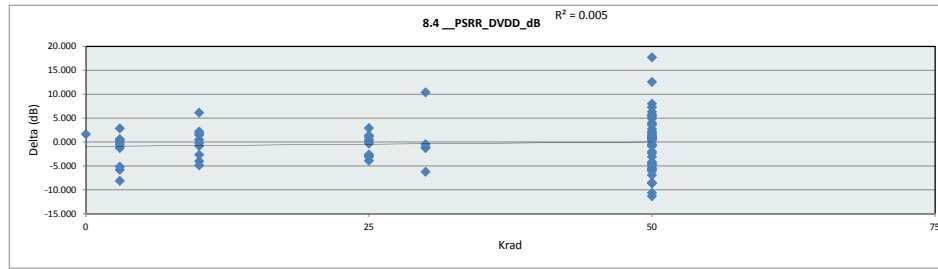
		8.2 __ PSRR_AVSS_dB		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	140	140		
Min Limit	64	64		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	89.926	90.638	-0.712
3	B48B	91.806	92.589	-0.783
3	B51B	91.055	89.585	1.470
3	C60B	93.961	93.062	0.899
3	A162B	88.824	88.052	0.772
3	A165B	91.247	91.067	0.180
3	A155UB	91.877	91.437	0.440
3	A154UB	90.704	91.185	-0.481
3	66UB	89.206	89.932	-0.726
3	69UB	92.493	92.665	-0.172
3	C72UB	90.878	91.140	-0.262
10	B54B	90.845	89.303	1.542
10	B56B	93.069	93.359	-0.290
10	C61B	96.707	94.732	1.975
10	C62B	90.106	89.499	0.607
10	A160B	92.926	92.929	-0.003
10	B70UB	93.666	92.264	1.402
10	B72UB	89.792	89.632	0.160
10	C73UB	91.970	91.162	0.808
10	A145UB	89.528	89.134	0.394
10	A153UB	92.166	90.508	1.658
25	A158B	89.372	90.295	-0.923
25	B59B	89.661	89.006	0.655
25	B63B	92.001	94.992	-2.991
25	C64B	90.928	90.799	0.129
25	C68B	94.816	99.620	-4.804
25	A152UB	89.163	89.431	-0.268
25	A150UB	91.657	91.543	0.114
25	B1UB	90.005	89.013	0.992
25	B4UB	90.526	90.089	0.437
25	C74UB	91.578	90.867	0.711
30	AA158B	89.372	87.178	2.194
30	BB59B	89.661	88.354	1.307
30	BB63B	92.001	91.265	0.736
30	CC64B	90.928	88.102	2.826
30	CC68B	94.816	98.571	-3.755
50	C32B	92.816	88.563	4.253
50	C33B	91.172	93.788	-2.616
50	C34B	95.994	92.726	3.268
50	C39B	90.026	91.837	-1.811
50	C78B	94.563	85.950	8.613
50	C79B	97.271	96.250	1.021
50	C80B	92.704	88.489	4.215
50	B14B	89.915	69.533	20.382
50	B15B	92.429	75.601	16.828
50	B18B	89.786	74.204	15.582
50	B10B	89.934	72.316	17.618
50	B11B	92.664	68.456	24.208
50	B13B	92.406	94.261	-1.855
50	B17B	90.388	89.189	1.199
50	B185B	89.786	88.477	1.309
50	A186B	92.021	72.052	19.969
50	A180B	91.230	81.201	10.029
50	A148B	93.232	74.222	19.010
50	A183B	91.989	77.504	14.485
50	A184B	92.120	65.736	26.384
50	A146B	91.140	85.608	5.532
50	A182B	91.051	85.121	5.930
50	A179UB	89.654	88.808	0.846
50	A176UB	88.296	88.587	-0.291
50	A174UB	91.738	92.339	-0.601
50	A172UB	89.806	90.462	-0.656
50	A171UB	97.723	95.697	2.026
50	C41UB	92.377	91.401	0.976
50	C42UB	93.681	92.821	0.860
50	C43UB	94.891	95.226	-0.335
50	C44UB	90.674	92.226	-1.552
50	C46UB	91.470	91.546	-0.076
50	C49UB	89.039	88.915	0.124
50	C50UB	90.697	90.248	0.449
50	B44UB	91.000	91.799	-0.799
50	B40UB	91.058	91.839	-0.781
50	B37UB	88.362	89.693	-1.331
50	B32UB	90.669	90.801	-0.132
50	B26UB	91.023	90.082	0.941
50	B39UB	91.170	90.830	0.340
50	B35UB	90.993	90.094	0.899
50	B80UB	91.567	92.466	-0.899
50	A178UB	92.489	91.515	0.974
50	A173UB	88.602	89.114	-0.512
	Max	97.723	99.620	26.384
	Average	91.511	88.757	2.753
	Min	88.296	65.736	-4.804
	Std Dev	1.967	6.631	6.465



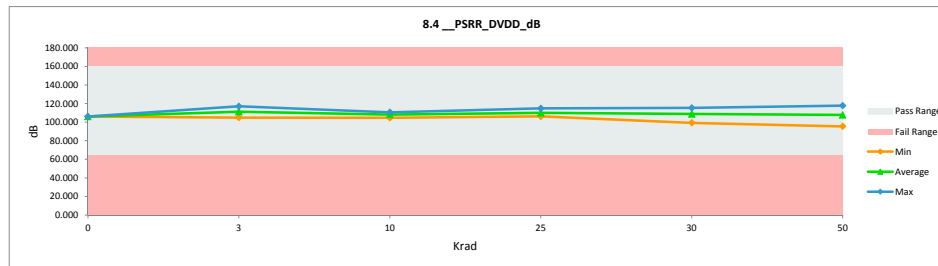
		8.2 __ PSRR_AVSS_dB				
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	140	dB				
Min Limit	64	dB				
Krad	0	3	10	25	30	50
LL	64.000	64.000	64.000	64.000	64.000	64.000
Min	90.638	88.052	89.134	89.006	87.178	65.736
Average	90.638	91.071	91.252	91.566	90.694	86.763
Max	90.638	93.062	94.732	99.620	98.571	96.250
UL	140.000	140.000	140.000	140.000	140.000	140.000



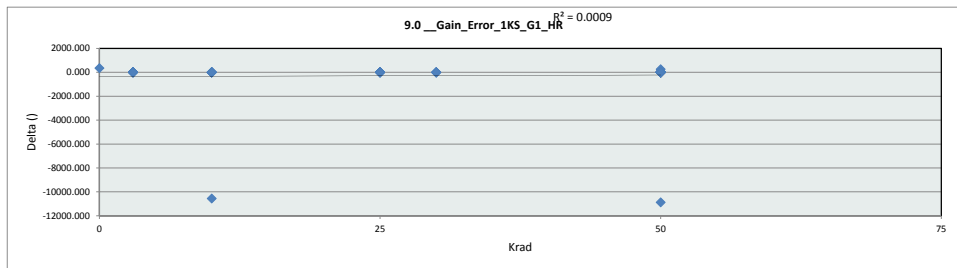
		8.4_PSRR_DVDD_dB		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	dB	dB		
Max Limit	160	160		
Min Limit	64	64		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	107.697	106.058	1.639
3	B48B	115.775	117.038	-1.263
3	B51B	114.749	114.430	0.319
3	C60B	112.516	112.017	0.499
3	A162B	110.503	116.328	-5.825
3	A165B	106.392	111.532	-5.140
3	A155UB	107.748	104.907	2.841
3	A154UB	104.784	112.904	-8.120
3	66UB	106.000	106.151	-0.151
3	69UB	111.493	110.930	0.563
3	C72UB	104.741	105.347	-0.606
10	B54B	109.744	110.583	-0.839
10	B56B	107.822	110.486	-2.664
10	C61B	107.289	105.809	1.480
10	C62B	107.513	107.057	0.456
10	A160B	104.682	108.707	-4.025
10	B70UB	110.228	108.066	2.162
10	B72UB	115.415	109.299	6.116
10	C73UB	104.833	109.711	-4.878
10	A145UB	104.371	104.610	-0.239
10	A153UB	109.072	107.255	1.817
25	A158B	110.664	113.572	-2.908
25	B59B	109.113	109.017	0.096
25	B63B	106.686	106.224	0.462
25	C64B	109.593	108.213	1.380
25	C68B	109.356	106.447	2.909
25	A152UB	115.881	114.770	1.111
25	A150UB	104.856	108.753	-3.897
25	B1UB	110.110	110.451	-0.341
25	B4UB	110.451	113.542	-3.091
25	C74UB	108.452	108.960	-2.618
30	AA156B	110.664	111.916	-1.252
30	BB59B	109.113	115.315	-6.202
30	BB63B	106.686	107.741	-1.055
30	CC64B	109.593	99.228	10.365
30	CC68B	109.356	109.805	-0.449
50	C32B	106.497	112.218	-5.721
50	C33B	107.929	112.106	-4.177
50	C34B	110.923	107.294	3.629
50	C39B	113.637	110.878	2.759
50	C78B	108.343	102.007	6.336
50	C79B	108.143	105.918	2.225
50	C80B	103.299	96.043	7.256
50	B14B	113.167	95.452	17.715
50	B15B	110.489	105.628	4.861
50	B18B	105.372	99.655	5.717
50	B10B	106.207	98.213	7.994
50	B11B	105.392	104.708	0.684
50	B13B	108.216	95.680	12.536
50	B17B	103.612	109.139	-5.527
50	B185B	105.372	109.951	-4.579
50	A186B	109.080	103.450	5.630
50	A180B	108.464	107.271	1.193
50	A148B	107.141	109.493	-2.352
50	A183B	109.842	108.171	1.671
50	A184B	105.545	116.889	-11.344
50	A146B	109.438	114.394	-4.956
50	A182B	114.323	110.337	3.986
50	A179UB	105.552	111.634	-6.082
50	A176UB	104.701	115.328	-10.627
50	A174UB	108.492	106.597	1.895
50	A172UB	105.768	102.120	3.648
50	A171UB	109.530	109.183	0.347
50	C41UB	106.226	111.663	-5.437
50	C42UB	110.243	104.874	5.369
50	C43UB	108.737	111.857	-3.120
50	C44UB	104.432	106.446	-2.014
50	C46UB	106.123	105.239	0.884
50	C49UB	106.798	107.255	-0.457
50	C50UB	105.957	110.390	-4.433
50	B44UB	104.358	113.007	-8.649
50	B40UB	107.679	108.330	-0.651
50	B37UB	115.975	115.454	0.521
50	B32UB	104.807	113.289	-8.482
50	B26UB	105.531	104.657	0.874
50	B39UB	108.011	106.927	1.084
50	B35UB	108.220	113.045	-4.825
50	B80UB	109.368	107.956	1.412
50	A178UB	110.804	117.715	-6.911
50	A173UB	104.302	105.152	-0.850
	Max	115.975	117.715	17.715
	Average	108.298	108.577	-0.279
	Min	103.299	95.452	-11.344
	Std Dev	3.071	4.822	4.949



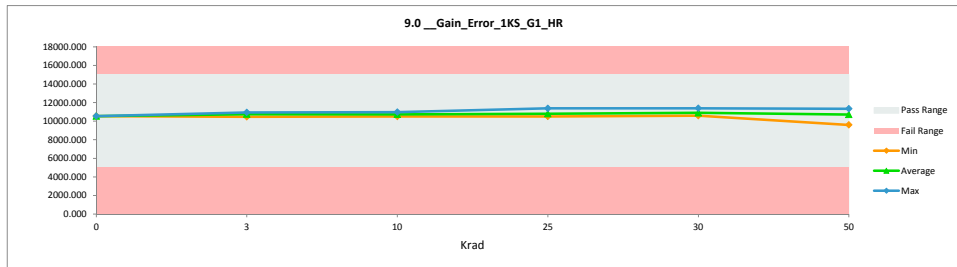
		8.4_PSRR_DVDD_dB					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	160	dB					
Min Limit	64	dB					
Krad	0	3	10	25	30	50	
LL	64.000	64.000	64.000	64.000	64.000	64.000	
Min	106.058	104.907	104.610	106.224	99.228	95.452	
Average	106.058	111.158	108.158	109.995	108.801	107.796	
Max	106.058	117.038	110.583	114.770	115.315	117.715	
UL	160.000	160.000	160.000	160.000	160.000	160.000	



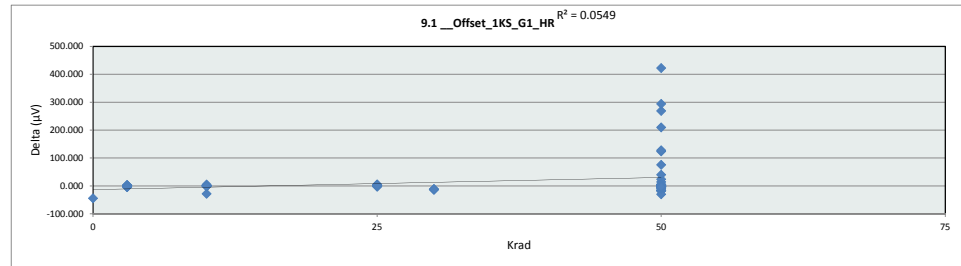
		9.0_Gain_Error_1KS_G1_HR		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit				
Max Limit	15000	15000		
Min Limit	5000	5000		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	10889.894	10546.088	343.806
3	B48B	10889.894	10888.074	1.819
3	B51B	10810.068	10811.118	-1.050
3	C60B	10738.148	10745.097	-6.948
3	A162B	10527.501	10531.943	-4.442
3	A165B	10717.692	10713.916	3.776
3	A155UB	10766.473	10766.288	0.185
3	A154UB	10465.790	10464.217	1.573
3	66UB	10935.134	10935.559	-0.425
3	69UB	10755.082	10755.070	0.012
3	C72UB	10862.002	10864.368	-2.366
10	B54B	10660.174	10668.045	-7.871
10	B56B	10832.170	10834.220	-2.050
10	C61B	10902.027	10912.953	-10.926
10	C62B	10697.688	10711.144	-13.455
10	A160B	10727.138	10733.708	-6.570
10	B70UB	10976.301	10973.036	3.265
10	B72UB	10498.656	10496.809	1.848
10	C73UB	10751.841	10756.423	-4.582
10	A145UB	0.000	10557.022	-10557.022
10	A153UB	10662.849	10669.207	-6.358
25	A158B	10682.415	10687.436	-5.021
25	B59B	10749.227	10748.828	0.398
25	B63B	11061.088	11069.064	-7.977
25	C64B	10569.778	10580.526	-10.748
25	C68B	11370.061	11377.486	-7.426
25	A152UB	10770.879	10768.385	2.494
25	A150UB	10759.105	10757.511	1.595
25	B1UB	10517.223	10513.554	3.669
25	B4UB	10937.452	10935.577	1.875
25	C74UB	10567.469	10571.032	-3.563
30	AA158B	10682.415	10671.302	11.113
30	BB59B	10749.227	10759.674	-10.447
30	BB63B	11061.088	11074.088	-13.000
30	CC64B	10569.778	10584.664	-14.886
30	CC68B	11370.061	11385.746	-15.686
50	C32B	10655.130	10675.618	-20.488
50	C33B	10600.346	10614.008	-13.662
50	C34B	11265.333	11279.683	-14.350
50	C39B	10747.831	10763.086	-15.255
50	C78B	10926.059	10918.187	7.872
50	C79B	11093.240	11093.660	-0.420
50	C80B	10788.624	10799.024	-10.400
50	B14B	10770.488	10757.976	12.513
50	B15B	10764.819	10723.125	41.694
50	B18B	0.000	10886.354	-10886.354
50	B10B	10721.705	10721.794	-0.089
50	B11B	10337.628	10329.466	8.162
50	B13B	10879.143	10880.553	-1.410
50	B17B	10707.674	10702.978	4.696
50	B185B	10887.895	10640.205	247.689
50	A186B	10775.642	10763.234	12.407
50	A180B	10301.081	10295.665	5.416
50	A148B	10615.381	10595.159	20.222
50	A183B	10481.633	10473.280	8.353
50	A184B	10462.769	10448.512	14.257
50	A146B	10676.101	10666.135	9.966
50	A182B	10554.900	10543.297	11.604
50	A179UB	10405.223	10408.145	-2.922
50	A176UB	10765.031	10771.577	-6.546
50	A174UB	10723.821	10726.288	-2.467
50	A172UB	10463.601	10468.323	-4.723
50	A171UB	9587.141	9595.018	-7.877
50	C41UB	10873.286	10882.780	-9.494
50	C42UB	10772.951	10775.651	-2.700
50	C43UB	11331.342	11338.687	-7.345
50	C44UB	10934.512	10937.773	-3.262
50	C46UB	10962.767	10971.374	-8.607
50	C49UB	10621.368	10628.198	-6.830
50	C50UB	10600.954	10606.070	-5.116
50	B44UB	10460.179	10470.578	-10.399
50	B40UB	10669.111	10678.391	-9.279
50	B37UB	10911.621	10923.751	-12.130
50	B32UB	10722.157	10732.227	-10.069
50	B26UB	10898.740	10910.105	-11.365
50	B39UB	10802.902	10809.914	-7.012
50	B35UB	10722.059	10729.903	-7.845
50	B80UB	10893.127	10901.970	-8.843
50	A178UB	10677.485	10692.220	-14.734
50	A173UB	10774.672	10784.749	-10.077
	Max	11370.061	11385.746	343.806
	Average	10475.891	10739.173	-263.283
	Min	0.000	9595.018	-10886.354
	Std Dev	1706.014	250.151	1686.150



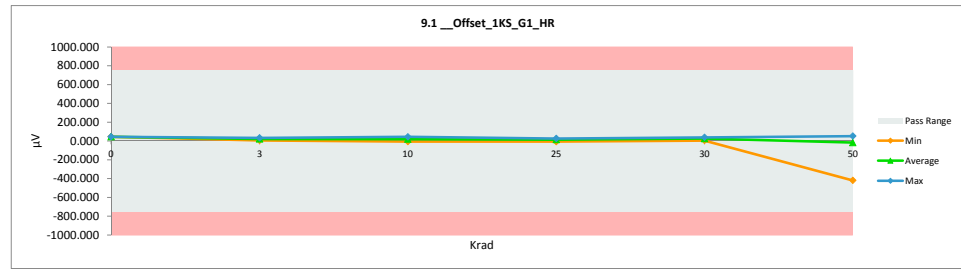
		9.0_Gain_Error_1KS_G1_HR					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	15000						
Min Limit	5000						
Krad	0	3	10	25	30	50	
LL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	
Min	10546.088	10464.217	10496.809	10513.554	10584.664	9595.018	
Average	10546.088	10747.565	10731.257	10800.940	10895.095	10711.698	
Max	10546.088	10935.559	10973.036	11377.486	11385.746	11338.687	
UL	15000.000	15000.000	15000.000	15000.000	15000.000	15000.000	



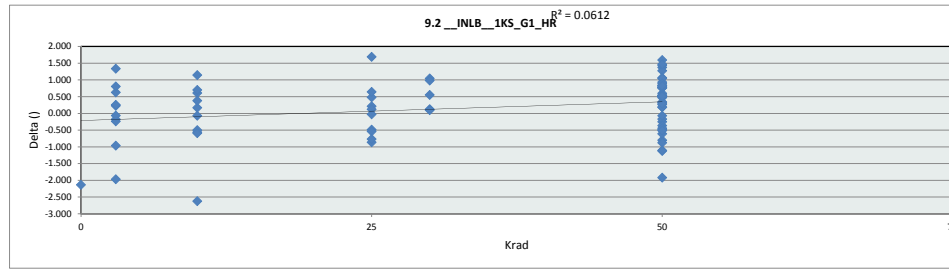
		9.1 __Offset_1KS_G1_HR		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µV	µV		
Max Limit	500	750		
Min Limit	-500	-750		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	44.615	-44.615
3	B48B	18.020	15.487	2.533
3	B51B	13.489	13.761	-0.272
3	C60B	6.081	4.727	1.354
3	A162B	26.246	30.879	-4.633
3	A165B	17.317	14.877	2.440
3	A155UB	20.501	19.558	0.943
3	A154UB	32.586	31.472	1.114
3	66UB	32.531	33.484	-0.953
3	69UB	23.296	22.616	0.680
3	C72UB	18.895	23.172	-4.277
10	B54B	27.828	23.056	4.772
10	B56B	15.395	15.159	0.236
10	C61B	1.705	1.531	0.174
10	C62B	29.753	29.885	-0.132
10	A160B	-6.338	-6.713	0.375
10	B70UB	19.060	20.752	-1.692
10	B72UB	24.543	25.325	-0.782
10	C73UB	14.473	13.275	1.198
10	A145UB	0.000	28.432	-28.432
10	A153UB	43.341	44.545	-1.204
25	A158B	24.513	24.882	-0.369
25	B59B	25.068	25.793	-0.725
25	B63B	-7.608	-6.511	-1.097
25	C64B	23.277	26.533	-3.256
25	C68B	-2.455	-4.162	1.707
25	A152UB	28.799	25.769	3.030
25	A150UB	14.200	15.442	-1.242
25	B1UB	4.315	3.242	1.073
25	B4UB	24.326	19.182	5.144
25	C74UB	11.390	9.122	2.278
30	AA158B	24.513	38.401	-13.888
30	BB59B	25.068	37.972	-12.904
30	BB63B	-7.608	4.078	-11.686
30	CC64B	23.277	35.730	-12.453
30	CC68B	-2.455	10.827	-13.282
50	C32B	-7.051	10.896	-17.947
50	C33B	8.729	24.810	-16.081
50	C34B	6.366	12.050	-5.684
50	C39B	16.359	33.488	-17.129
50	C78B	10.061	25.936	-15.875
50	C79B	-13.726	-17.467	3.741
50	C80B	4.730	1.529	3.201
50	B14B	22.822	-52.508	75.330
50	B15B	39.165	47.823	-8.658
50	B18B	0.000	-268.312	268.312
50	B10B	33.901	30.851	3.050
50	B11B	20.948	-272.968	293.916
50	B13B	23.458	41.542	-18.084
50	B17B	18.114	-105.487	123.601
50	B185B	40.645	-86.794	127.439
50	A186B	2.326	-419.592	421.918
50	A180B	22.206	8.536	13.670
50	A148B	15.831	-7.814	23.645
50	A183B	22.494	20.823	1.671
50	A184B	26.151	-13.728	39.879
50	A146B	11.643	-197.731	209.374
50	A182B	21.451	51.639	-30.188
50	A179UB	17.571	28.024	-10.453
50	A176UB	50.071	51.616	-1.545
50	A174UB	4.118	5.755	-1.637
50	A172UB	24.672	26.990	-2.318
50	A171UB	-24.787	-22.566	-2.221
50	C41UB	24.592	27.350	-2.758
50	C42UB	6.331	6.423	-0.092
50	C43UB	-12.080	-9.830	-2.250
50	C44UB	12.081	18.443	-6.362
50	C46UB	4.768	-0.330	5.098
50	C49UB	34.539	38.187	-3.648
50	C50UB	19.134	21.356	-2.222
50	B44UB	10.732	14.136	-3.404
50	B40UB	37.162	32.645	4.517
50	B37UB	15.002	15.733	-0.731
50	B32UB	24.286	24.130	0.156
50	B26UB	-5.741	-1.431	-4.310
50	B39UB	23.322	26.131	-2.809
50	B35UB	28.104	28.169	-0.065
50	B80UB	-3.979	-6.323	2.344
50	A178UB	22.751	22.699	0.052
50	A173UB	26.990	30.831	-3.841
	Max	50.071	51.639	421.918
	Average	15.920	-0.477	16.397
	Min	-24.787	-419.592	-44.615
	Std Dev	14.275	73.606	71.585



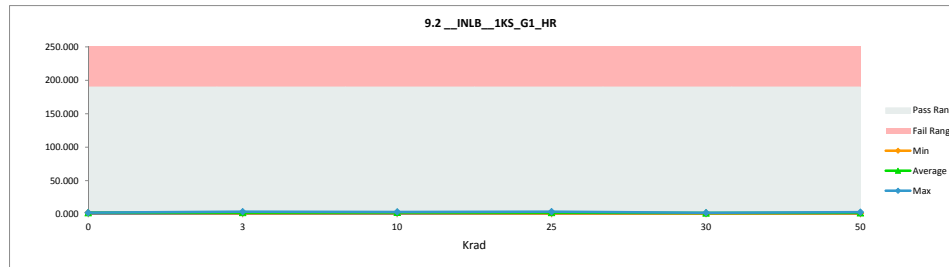
		9.1 __Offset_1KS_G1_HR					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	750	µV					
Min Limit	-750	µV					
Krad	0	3	10	25	30	50	
LL	-750.000	-750.000	-750.000	-750.000	-750.000	-750.000	
Min	44.615	4.727	-6.713	-6.511	4.078	-419.592	
Average	44.615	21.003	19.525	13.928	25.402	-17.144	
Max	44.615	33.484	44.545	26.533	38.401	51.639	
UL	750.000	750.000	750.000	750.000	750.000	750.000	



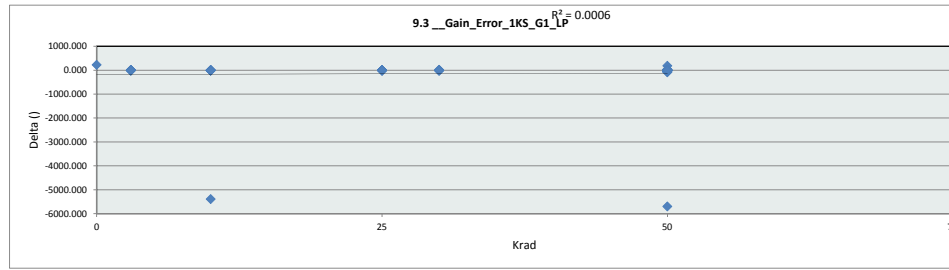
		9.2_INLB_1KS_G1_HR		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit				
Max Limit	9	190		
Min Limit	0	0		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	2.139	-2.139
3	B48B	2.514	2.291	0.223
3	B51B	2.116	2.292	-0.176
3	C60B	1.211	1.449	-0.238
3	A162B	2.469	1.844	0.625
3	A165B	1.568	3.540	-1.972
3	A155UB	1.818	1.884	-0.066
3	A154UB	3.481	2.678	0.803
3	66UB	2.386	2.135	0.251
3	69UB	1.685	2.650	-0.965
3	C72UB	3.205	1.871	1.334
10	B54B	3.035	1.893	1.142
10	B56B	3.330	3.164	0.166
10	C61B	1.872	1.947	-0.075
10	C62B	2.233	1.629	0.604
10	A160B	1.842	2.405	-0.563
10	B70UB	3.933	3.237	0.696
10	B72UB	1.783	2.286	-0.503
10	C73UB	1.809	2.401	-0.592
10	A145UB	0.000	2.626	-2.626
10	A153UB	2.797	2.419	0.378
25	A158B	2.096	1.617	0.479
25	B59B	1.992	2.857	-0.865
25	B63B	2.115	2.603	-0.488
25	C64B	2.501	2.292	0.209
25	C68B	2.336	2.877	-0.541
25	A152UB	2.931	1.246	1.685
25	A150UB	1.473	1.356	0.117
25	B1UB	2.746	3.515	-0.769
25	B4UB	1.780	1.812	-0.032
25	C74UB	2.343	1.705	0.638
30	AA158B	2.096	1.975	0.121
30	BB59B	1.992	1.900	0.092
30	BB63B	2.115	1.074	1.041
30	CC64B	2.501	1.951	0.550
30	CC68B	2.336	1.357	0.979
50	C32B	2.518	1.146	1.372
50	C33B	1.956	1.186	0.770
50	C34B	1.959	1.778	0.181
50	C39B	2.485	1.723	0.762
50	C78B	2.497	2.161	0.336
50	C79B	2.618	2.021	0.597
50	C80B	1.317	2.121	-0.804
50	B14B	1.472	2.353	-0.881
50	B15B	2.095	2.349	-0.254
50	B18B	0.000	1.921	-1.921
50	B10B	3.006	1.573	1.433
50	B11B	1.841	1.331	0.510
50	B13B	2.593	2.048	0.545
50	B17B	2.234	1.447	0.787
50	B185B	2.134	1.610	0.524
50	A186B	1.984	1.228	0.756
50	A180B	2.243	1.407	0.836
50	A148B	3.230	1.641	1.589
50	A183B	2.096	1.771	0.325
50	A184B	2.038	2.210	-0.172
50	A146B	2.644	1.714	0.930
50	A182B	2.346	1.835	0.511
50	A179UB	1.489	1.858	-0.369
50	A176UB	2.807	1.538	1.269
50	A174UB	1.953	1.460	0.493
50	A172UB	1.566	2.690	-1.124
50	A171UB	2.935	1.876	1.059
50	C41UB	1.176	1.665	-0.489
50	C42UB	1.691	2.137	-0.446
50	C43UB	3.128	1.663	1.465
50	C44UB	1.960	1.123	0.837
50	C46UB	2.640	1.598	1.042
50	C49UB	1.597	2.210	-0.613
50	C50UB	2.928	2.667	0.261
50	B44UB	2.564	2.379	0.185
50	B40UB	2.129	1.846	0.283
50	B37UB	1.927	2.001	-0.074
50	B32UB	2.796	2.328	0.468
50	B26UB	2.627	2.109	0.518
50	B39UB	1.760	2.872	-1.112
50	B35UB	2.521	1.628	0.893
50	B80UB	2.218	1.710	0.508
50	A178UB	2.081	2.599	-0.518
50	A173UB	2.117	1.302	0.815
	Max	3.933	3.540	1.685
	Average	2.179	2.009	0.170
	Min	0.000	1.074	-2.626
	Std Dev	0.688	0.546	0.859



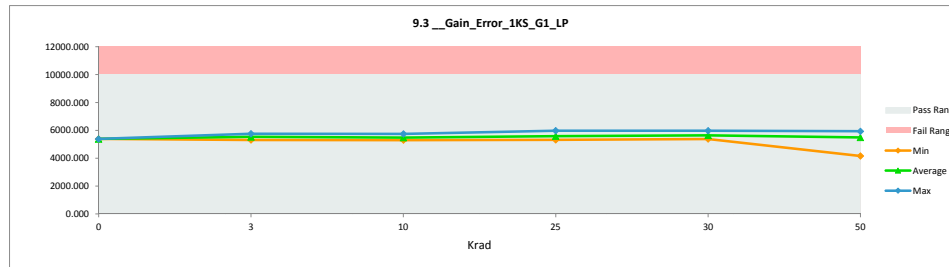
		9.2_INLB_1KS_G1_HR					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	190						
Min Limit	0						
Krad	0	3	10	25	30	50	
LL	0.000	0.000	0.000	0.000	0.000	0.000	
Min	2.139	1.449	1.629	1.246	1.074	1.123	
Average	2.139	2.263	2.401	2.188	1.651	1.860	
Max	2.139	3.540	3.237	3.515	1.975	2.872	
UL	190.000	190.000	190.000	190.000	190.000	190.000	



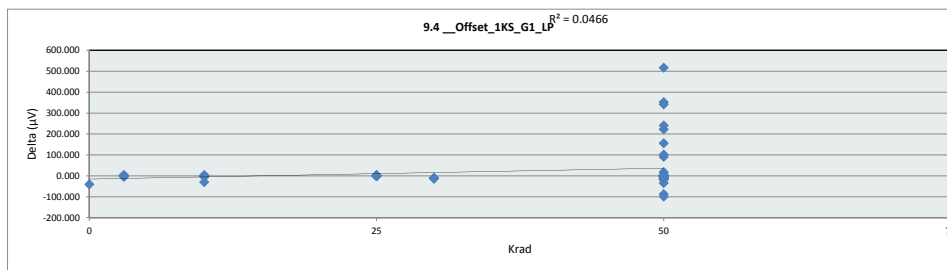
		9.3 Gain_Error_1KS_G1_LP		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit				
Max Limit	10000	10000		
Min Limit	0	0		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	5610.822	5382.292	228.530
3	B48B	5665.220	5664.154	1.066
3	B51B	5610.822	5611.708	-0.886
3	C60B	5533.901	5537.631	-3.730
3	A162B	5400.746	5401.942	-1.196
3	A165B	5473.606	5474.478	-0.872
3	A155UB	5452.659	5448.663	3.996
3	A154UB	5307.078	5308.246	-1.168
3	66UB	5758.008	5758.217	-0.209
3	69UB	5570.509	5566.901	3.608
3	C72UB	5551.904	5556.783	-4.879
10	B54B	5486.979	5490.590	-3.611
10	B56B	5648.060	5651.321	-3.261
10	C61B	5549.449	5556.796	-7.347
10	C62B	5468.667	5476.380	-7.713
10	A160B	5336.907	5338.584	-1.677
10	B70UB	5738.166	5742.530	-4.364
10	B72UB	5302.538	5300.078	2.460
10	C73UB	5451.816	5452.673	-0.857
10	A145UB	0.000	5388.025	-5388.025
10	A153UB	5438.749	5440.659	-1.910
25	A158B	5479.445	5484.770	-5.325
25	B59B	5560.971	5561.515	-0.544
25	B63B	5828.429	5832.839	-4.410
25	C64B	5369.767	5375.932	-6.165
25	C68B	5968.319	5975.260	-6.941
25	A152UB	5585.643	5585.718	-0.075
25	A150UB	5611.065	5610.116	0.949
25	B1UB	5322.778	5320.670	2.108
25	B4UB	5741.165	5742.364	-1.199
25	C74UB	5380.710	5384.667	-3.957
30	AA158B	5479.445	5464.516	14.929
30	BB59B	5560.971	5566.970	-5.999
30	BB63B	5828.429	5834.437	-6.008
30	CC64B	5369.767	5379.113	-9.346
30	CC68B	5968.319	5976.515	-8.196
50	C32B	5400.826	5414.200	-13.374
50	C33B	5365.541	5370.441	-4.900
50	C34B	5927.411	5935.221	-7.810
50	C39B	5467.790	5478.093	-10.303
50	C78B	5536.886	5602.873	-65.987
50	C79B	5744.129	5737.365	6.764
50	C80B	5485.704	5490.908	-5.204
50	B14B	5608.175	5593.249	14.926
50	B15B	5620.332	5581.929	38.403
50	B18B	0.000	5696.590	-5696.590
50	B10B	5606.585	5688.410	-81.825
50	B11B	5186.672	5166.304	20.368
50	B13B	5763.109	5755.462	7.647
50	B17B	5524.089	5587.239	-63.150
50	B185B	5677.419	5491.268	186.151
50	A186B	5562.642	5550.772	11.870
50	A180B	5106.364	5093.131	13.233
50	A148B	5294.488	5358.108	-63.620
50	A183B	5312.210	5298.553	13.657
50	A184B	5271.244	5253.693	17.551
50	A146B	5526.927	5519.567	7.360
50	A182B	5377.317	5366.912	10.405
50	A179UB	5262.508	5267.778	-5.270
50	A176UB	5563.747	5569.955	-6.208
50	A174UB	5579.044	5582.848	-3.804
50	A172UB	5325.881	5331.487	-5.606
50	A171UB	4154.062	4161.554	-7.492
50	C41UB	5539.831	5547.578	-7.747
50	C42UB	5452.704	5456.806	-4.102
50	C43UB	5909.113	5914.867	-5.754
50	C44UB	5638.514	5643.838	-5.324
50	C46UB	5629.417	5637.022	-7.605
50	C49UB	5431.496	5439.938	-8.442
50	C50UB	5416.936	5424.387	-7.451
50	B44UB	5306.133	5314.813	-8.680
50	B40UB	5555.891	5562.717	-6.826
50	B37UB	5716.575	5722.991	-6.416
50	B32UB	5543.975	5552.907	-8.932
50	B26UB	5716.924	5723.059	-6.135
50	B39UB	5688.870	5687.046	1.824
50	B35UB	5557.139	5562.520	-5.381
50	B80UB	5696.044	5704.499	-8.455
50	A178UB	5465.222	5476.399	-11.177
50	A173UB	5523.561	5531.521	-7.960
	Max	5968.319	5976.515	228.530
	Average	5380.641	5518.636	-137.995
	Min	0.000	4161.554	-5696.590
	Std Dev	897.738	234.810	871.998



		9.3 Gain_Error_1KS_G1_LP					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	10000						
Min Limit	0						
Krad	0	3	10	25	30	50	
LL	0.000	0.000	0.000	0.000	0.000	0.000	
Min	5382.292	5308.246	5300.078	5320.670	5379.113	4161.554	
Average	5382.292	5532.872	5483.764	5587.385	5644.310	5496.519	
Max	5382.292	5758.217	5742.530	5975.260	5976.515	5935.221	
UL	10000.000	10000.000	10000.000	10000.000	10000.000	10000.000	



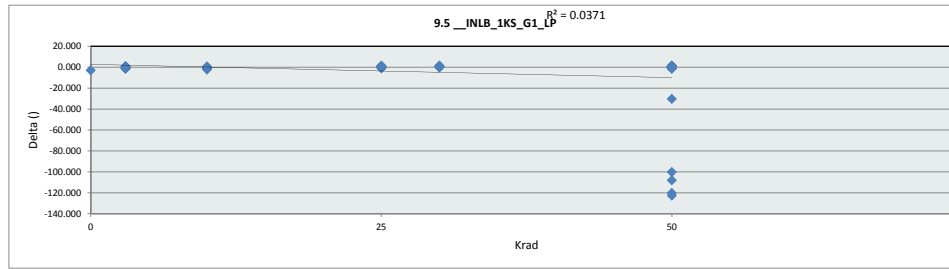
		9.4 __Offset_1KS_G1_LP		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µV	µV		
Max Limit	500	750		
Min Limit	-500	-750		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	40.549	-40.549
3	B48B	18.961	17.199	1.762
3	B51B	17.199	17.150	0.049
3	C60B	6.335	2.494	3.841
3	A162B	28.370	27.514	0.856
3	A165B	14.574	18.855	-4.281
3	A155UB	19.291	18.492	0.799
3	A154UB	31.458	31.461	-0.003
3	66UB	37.754	38.887	-1.133
3	69UB	22.651	21.637	1.014
3	C72UB	25.572	26.836	-1.264
10	B54B	26.509	25.386	1.123
10	B56B	13.994	13.386	0.608
10	C61B	7.041	3.775	3.266
10	C62B	30.284	34.481	-4.197
10	A160B	-3.694	-1.820	-1.874
10	B70UB	13.451	17.433	-3.982
10	B72UB	24.703	25.791	-1.088
10	C73UB	15.889	14.813	1.076
10	A145UB	0.000	29.975	-29.975
10	A153UB	43.986	43.458	0.528
25	A158B	21.606	19.068	2.538
25	B59B	23.457	21.354	2.103
25	B63B	-3.410	-2.559	-0.851
25	C64B	27.910	26.443	1.467
25	C68B	2.787	3.192	-0.405
25	A152UB	28.174	29.860	-1.686
25	A150UB	19.198	15.805	3.393
25	B1UB	-0.421	0.763	-1.184
25	B4UB	19.274	16.563	2.711
25	C74UB	18.358	15.271	3.087
30	AA156B	21.606	34.719	-13.113
30	BB59B	23.457	35.317	-11.860
30	BB63B	-3.410	7.217	-10.627
30	CC64B	27.910	37.642	-9.732
30	CC68B	2.787	15.009	-12.222
50	C32B	0.040	13.667	-13.627
50	C33B	15.897	32.002	-16.105
50	C34B	8.117	20.867	-12.750
50	C39B	20.514	39.120	-18.606
50	C78B	13.226	100.650	-87.424
50	C79B	-8.058	-6.557	-1.501
50	C80B	10.246	10.237	0.009
50	B14B	21.609	-68.967	90.576
50	B15B	37.698	53.191	-15.493
50	B18B	0.000	-352.682	352.682
50	B10B	30.070	128.875	-98.805
50	B11B	20.008	-321.557	341.565
50	B13B	22.609	33.774	-11.165
50	B17B	20.225	-202.503	222.728
50	B185B	46.053	-109.822	155.875
50	A186B	4.457	-512.013	516.470
50	A180B	20.350	18.405	1.945
50	A148B	19.753	-82.194	101.947
50	A183B	27.564	21.111	6.453
50	A184B	21.481	2.868	18.613
50	A146B	14.192	-226.940	241.132
50	A182B	24.738	59.383	-34.645
50	A179UB	18.468	24.792	-6.324
50	A176UB	50.180	54.049	-3.869
50	A174UB	9.932	10.686	-0.754
50	A172UB	27.620	27.021	0.599
50	A171UB	-28.083	-23.901	-4.182
50	C41UB	25.987	31.844	-5.857
50	C42UB	9.777	10.696	-0.919
50	C43UB	-11.542	-10.128	-1.414
50	C44UB	16.997	16.736	0.261
50	C46UB	9.631	6.834	2.797
50	C49UB	38.014	37.656	0.358
50	C50UB	19.943	21.928	-1.985
50	B44UB	11.789	10.405	1.384
50	B40UB	33.812	35.016	-1.204
50	B37UB	17.047	16.890	0.157
50	B32UB	22.597	23.243	-0.646
50	B26UB	-2.057	0.408	-2.465
50	B39UB	28.252	25.755	2.497
50	B35UB	24.459	24.147	0.312
50	B80UB	-6.029	-7.898	1.869
50	A178UB	21.080	25.160	-4.080
50	A173UB	29.921	33.288	-3.367
	Max	50.180	128.875	516.470
	Average	17.277	-2.638	19.915
	Min	-28.083	-512.013	-98.805
	Std Dev	13.696	92.652	90.746



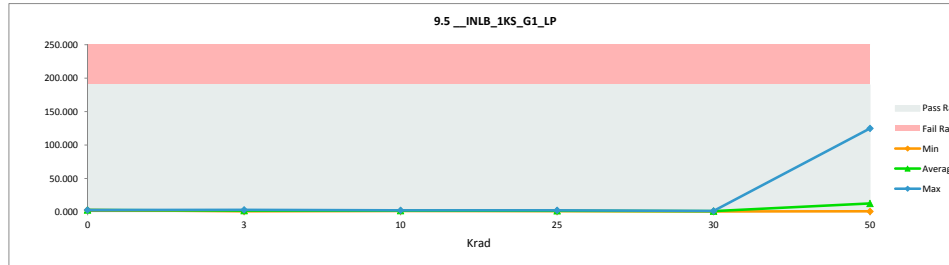
		9.4 __Offset_1KS_G1_LP					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	750	µV					
Min Limit	-750	µV					
Krad	0	3	10	25	30	50	
LL	-750.000	-750.000	-750.000	-750.000	-750.000	-750.000	
Min	40.549	2.494	-1.820	-2.559	7.217	-512.013	
Average	40.549	22.053	20.668	14.576	25.981	-21.692	
Max	40.549	38.887	43.458	29.860	37.642	128.875	
UL	750.000	750.000	750.000	750.000	750.000	750.000	



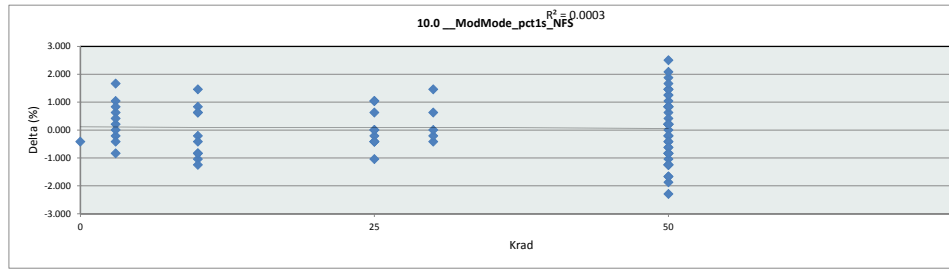
		9.5 _INLB_1KS_G1_LP		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit				
Max Limit	90	190		
Min Limit	0	0		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	2.974	-2.974
3	B48B	1.713	2.205	-0.492
3	B51B	2.010	2.139	-0.129
3	C60B	1.478	2.664	-1.186
3	A162B	1.322	1.230	0.092
3	A165B	1.843	3.251	-1.408
3	A155UB	2.420	1.431	0.989
3	A154UB	1.934	2.239	-0.305
3	66UB	2.216	1.130	1.086
3	69UB	1.651	1.970	-0.319
3	C72UB	2.038	2.938	-0.900
10	B54B	2.035	1.818	0.217
10	B56B	1.867	1.950	-0.083
10	C61B	1.527	2.380	-0.853
10	C62B	1.971	2.593	-0.622
10	A160B	2.391	1.634	0.757
10	B70UB	2.321	2.386	-0.065
10	B72UB	1.625	1.592	0.033
10	C73UB	1.223	2.085	-0.862
10	A145UB	0.000	2.074	-2.074
10	A153UB	2.345	2.194	0.151
25	A158B	1.356	1.689	-0.333
25	B59B	2.488	1.940	0.548
25	B63B	1.385	2.512	-1.127
25	C64B	2.666	1.648	1.018
25	C68B	1.535	1.525	0.010
25	A152UB	2.384	1.763	0.621
25	A150UB	1.556	1.267	0.289
25	B1UB	2.265	2.042	0.223
25	B4UB	3.503	1.962	1.541
25	C74UB	2.289	1.667	0.622
30	AA155B	1.354	1.490	-0.134
30	BB59B	2.488	1.411	1.077
30	BB63B	1.385	0.894	0.491
30	CC64B	2.666	1.131	1.535
30	CC68B	1.535	1.287	0.248
50	C32B	1.731	1.000	0.731
50	C33B	2.230	2.136	0.094
50	C34B	2.305	1.886	0.419
50	C39B	2.689	0.947	1.742
50	C78B	2.603	110.631	-108.028
50	C79B	1.759	1.430	0.329
50	C80B	1.007	2.438	-1.431
50	B14B	1.950	1.279	0.671
50	B15B	1.523	1.720	-0.197
50	B18B	0.000	30.284	-30.284
50	B10B	2.314	122.568	-120.254
50	B11B	1.793	1.571	0.222
50	B13B	2.270	1.898	0.372
50	B17B	1.956	102.136	-100.180
50	B185B	2.499	1.910	0.589
50	A186B	2.665	2.330	0.335
50	A180B	2.504	2.143	0.361
50	A148B	2.303	124.924	-122.621
50	A183B	1.968	2.092	-0.124
50	A184B	2.620	2.165	0.455
50	A146B	2.112	1.088	1.024
50	A182B	2.352	1.206	1.146
50	A179UB	1.926	1.267	0.659
50	A176UB	1.486	1.181	0.305
50	A174UB	2.090	1.572	0.518
50	A172UB	1.565	2.292	-0.727
50	A171UB	3.260	1.878	1.382
50	C41UB	2.052	1.112	0.940
50	C42UB	2.286	1.251	1.035
50	C43UB	1.459	1.603	-0.144
50	C44UB	1.421	1.494	-0.073
50	C46UB	2.127	1.654	0.473
50	C49UB	1.188	1.595	-0.407
50	C50UB	2.314	1.483	0.831
50	B44UB	1.713	2.205	-0.492
50	B40UB	2.784	1.750	1.034
50	B37UB	1.090	1.766	-0.676
50	B32UB	2.280	2.044	0.236
50	B26UB	1.953	1.519	0.434
50	B39UB	2.293	1.706	0.587
50	B35UB	2.407	3.210	-0.803
50	B80UB	2.572	2.066	0.506
50	A178UB	1.188	2.196	-1.008
50	A173UB	1.432	1.571	-0.139
	Max	3.503	124.924	1.742
	Average	1.935	7.841	-5.906
	Min	0.000	0.894	-122.621
	Std Dev	0.628	25.049	25.002



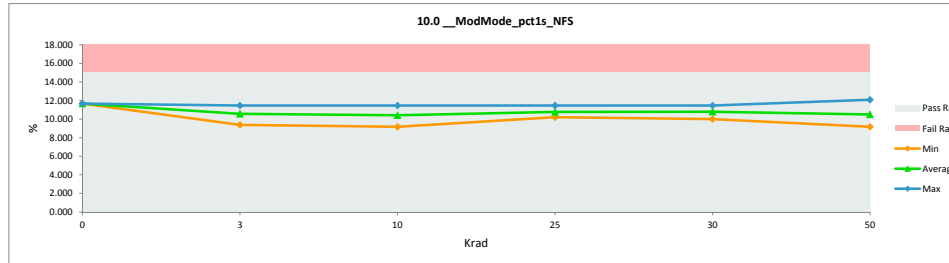
		9.5 _INLB_1KS_G1_LP					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	190						
Min Limit	0						
Krad	0	3	10	25	30	50	
LL	0.000	0.000	0.000	0.000	0.000	0.000	
Min	2.974	1.130	1.592	1.267	0.894	0.947	
Average	2.974	2.120	2.071	1.802	1.243	12.686	
Max	2.974	3.251	2.593	2.512	1.490	124.924	
UL	190.000	190.000	190.000	190.000	190.000	190.000	



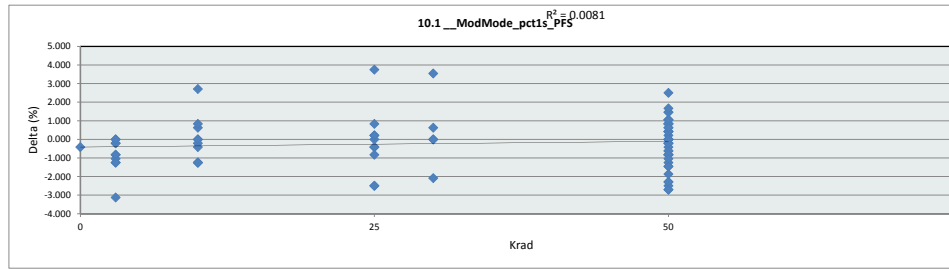
		10.0 __ModMode_pct1s_NFS		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	15	15		
Min Limit	0	0		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	11.250	11.667	-0.417
3	B48B	11.042	9.375	1.667
3	B51B	11.458	11.250	0.208
3	C60B	11.875	10.833	1.042
3	A162B	11.042	10.417	0.625
3	A165B	10.417	10.625	-0.208
3	A155UB	10.208	10.208	0.000
3	A154UB	11.458	11.042	0.416
3	66UB	9.167	10.000	-0.833
3	69UB	11.250	10.417	0.833
3	C72UB	11.042	11.458	-0.416
10	B54B	9.792	10.833	-1.041
10	B56B	10.625	11.458	-0.833
10	C61B	10.417	9.792	0.625
10	C62B	10.625	9.167	1.458
10	A160B	10.833	10.000	0.833
10	B70UB	10.208	10.417	-0.209
10	B72UB	10.000	10.833	-0.833
10	C73UB	11.042	10.417	0.625
10	A145UB	9.583	10.000	-0.417
10	A153UB	10.000	11.250	-1.250
25	A158B	11.875	10.833	1.042
25	B59B	11.042	11.458	-0.416
25	B63B	10.625	11.042	-0.417
25	C64B	10.417	10.625	-0.208
25	C68B	11.458	10.833	0.625
25	A152UB	9.375	10.417	-1.042
25	A150UB	11.250	11.250	0.000
25	B11UB	11.250	10.208	1.042
25	B4UB	9.792	10.208	-0.416
25	C74UB	10.833	10.833	0.000
30	AA156B	11.875	11.250	0.625
30	BB59B	11.042	11.458	-0.416
30	BB63B	10.625	10.833	-0.208
30	CC64B	10.417	10.417	0.000
30	CC68B	11.458	10.000	1.458
50	C32B	10.417	11.042	-0.625
50	C33B	10.208	9.583	0.625
50	C34B	10.417	10.208	0.209
50	C39B	11.667	10.833	0.834
50	C78B	10.625	11.875	-1.250
50	C79B	12.500	10.625	1.875
50	C80B	10.625	10.833	-0.208
50	B14B	9.792	9.583	0.209
50	B15B	9.375	10.417	-1.042
50	B18B	11.250	10.000	1.250
50	B10B	10.208	9.375	0.833
50	B11B	11.458	10.000	1.458
50	B13B	11.458	11.042	0.416
50	B17B	9.375	11.042	-1.667
50	B185B	11.250	9.167	2.083
50	A186B	11.458	10.625	0.833
50	A180B	10.833	11.667	-0.834
50	A148B	10.208	11.042	-0.834
50	A183B	10.625	9.583	1.042
50	A184B	11.458	10.000	1.458
50	A146B	10.208	11.042	-0.834
50	A182B	10.208	10.000	0.208
50	A179UB	11.875	11.667	0.208
50	A176UB	10.417	10.625	-0.208
50	A174UB	8.542	10.417	-1.875
50	A172UB	10.417	9.167	1.250
50	A171UB	10.417	10.208	0.209
50	C41UB	9.792	12.083	-2.291
50	C42UB	9.792	9.792	0.000
50	C43UB	12.292	10.833	1.459
50	C44UB	10.833	11.042	-0.209
50	C46UB	10.208	9.375	0.833
50	C49UB	12.292	9.792	2.500
50	C50UB	10.833	11.250	-0.417
50	B44UB	10.208	11.458	-1.250
50	B40UB	9.792	10.208	-0.416
50	B37UB	11.250	9.583	1.667
50	B32UB	9.583	10.833	-1.250
50	B26UB	10.625	11.250	-0.625
50	B39UB	11.042	10.208	0.834
50	B35UB	9.792	10.625	-0.833
50	B80UB	9.792	11.042	-1.250
50	A178UB	10.417	10.208	0.209
50	A173UB	8.750	10.417	-1.667
	Max	12.500	12.083	2.500
	Average	10.641	10.560	0.081
	Min	8.542	9.167	-2.291
	Std Dev	0.806	0.683	0.994



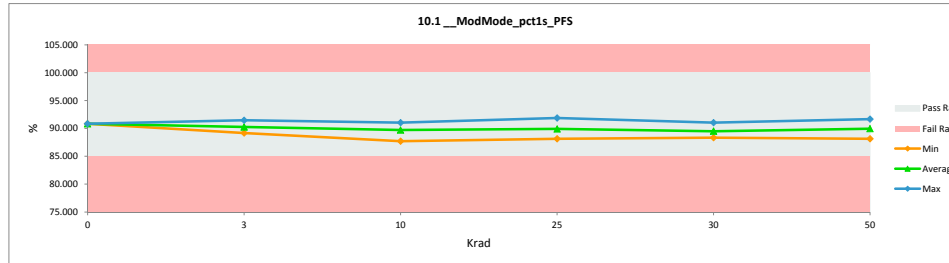
		10.0 __ModMode_pct1s_NFS					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	15	%					
Min Limit	0	%					
Krad	0	3	10	25	30	50	
LL	0.000	0.000	0.000	0.000	0.000	0.000	
Min	11.667	9.375	9.167	10.208	10.000	9.167	
Average	11.667	10.563	10.417	10.771	10.792	10.492	
Max	11.667	11.458	11.458	11.458	11.458	12.083	
UL	15.000	15.000	15.000	15.000	15.000	15.000	



		10.1 __ModMode_pct1s_PFS		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	100	100		
Min Limit	85	85		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	90.417	90.833	-0.416
3	B48B	89.792	90.625	-0.833
3	B51B	88.958	89.167	-0.209
3	C60B	89.167	90.208	-1.041
3	A162B	89.583	90.417	-0.834
3	A165B	87.292	90.417	-3.125
3	A155UB	89.167	89.167	0.000
3	A154UB	90.000	90.208	-0.208
3	66UB	90.208	91.458	-1.250
3	69UB	90.000	90.000	0.000
3	C72UB	89.583	90.833	-1.250
10	B54B	89.792	89.167	0.625
10	B56B	89.583	90.833	-1.250
10	C61B	88.750	90.000	-1.250
10	C62B	89.167	90.417	-1.250
10	A160B	89.583	89.583	0.000
10	B70UB	90.833	91.042	-0.209
10	B72UB	90.417	87.708	2.709
10	C73UB	89.375	89.375	0.000
10	A145UB	89.375	89.792	-0.417
10	A153UB	90.000	89.167	0.833
25	A158B	89.375	88.542	0.833
25	B59B	90.208	90.625	-0.417
25	B63B	88.958	91.458	-2.500
25	C64B	91.875	88.125	3.750
25	C68B	89.167	89.583	-0.416
25	A152UB	89.583	89.583	0.000
25	A150UB	89.792	89.583	0.209
25	B1UB	89.375	91.875	-2.500
25	B4UB	89.792	90.625	-0.833
25	C74UB	89.375	89.167	0.208
30	AA158B	89.375	89.375	0.000
30	BB59B	90.208	89.583	0.625
30	BB63B	88.958	91.042	-2.084
30	CC64B	91.875	88.333	3.542
30	CC68B	89.167	89.167	0.000
50	C32B	89.167	90.625	-1.458
50	C33B	88.750	89.375	-0.625
50	C34B	90.417	89.375	1.042
50	C39B	88.333	90.625	-2.292
50	C78B	89.375	90.208	-0.833
50	C79B	90.625	90.833	-0.208
50	C80B	88.542	91.250	-2.708
50	B14B	88.750	88.750	0.000
50	B15B	90.208	89.167	1.041
50	B18B	90.625	90.833	-0.208
50	B10B	89.583	88.125	1.458
50	B11B	91.250	90.417	0.833
50	B13B	90.625	89.583	1.042
50	B17B	90.625	90.208	0.417
50	B185B	90.625	90.417	0.208
50	A186B	89.375	88.750	0.625
50	A180B	90.833	90.000	0.833
50	A148B	89.375	90.208	-0.833
50	A183B	90.000	90.417	-0.417
50	A184B	90.417	90.417	0.000
50	A146B	89.375	89.375	0.000
50	A182B	91.042	89.583	1.459
50	A179UB	88.542	90.417	-1.875
50	A176UB	89.792	88.958	0.834
50	A174UB	89.375	90.000	-0.625
50	A172UB	88.333	90.833	-2.500
50	A171UB	90.208	91.042	-0.834
50	C41UB	89.792	89.792	0.000
50	C42UB	90.000	89.583	0.417
50	C43UB	90.208	89.792	0.416
50	C44UB	89.583	90.833	-1.250
50	C46UB	90.000	89.583	0.417
50	C49UB	89.583	89.792	-0.209
50	C50UB	89.167	90.000	-0.833
50	B44UB	91.250	88.750	2.500
50	B40UB	88.750	90.208	-1.458
50	B37UB	90.625	89.792	0.833
50	B32UB	89.583	90.625	-1.042
50	B26UB	88.958	91.250	-2.292
50	B39UB	88.958	88.333	0.625
50	B35UB	90.000	90.000	0.000
50	B80UB	90.417	89.375	1.042
50	A178UB	88.958	91.667	-2.709
50	A173UB	90.625	88.958	1.667
	Max	91.875	91.875	3.750
	Average	89.734	89.940	-0.206
	Min	87.292	87.708	-3.125
	Std Dev	0.809	0.881	1.326

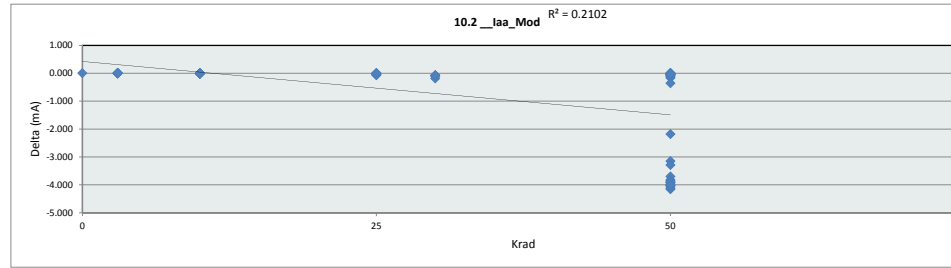


		10.1 __ModMode_pct1s_PFS					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	100						
Min Limit	85						
Krad	0	3	10	25	30	50	
LL	85.000	85.000	85.000	85.000	85.000	85.000	
Min	90.833	89.167	87.708	88.125	88.333	88.125	
Average	90.833	90.250	89.708	89.917	89.500	89.957	
Max	90.833	91.458	91.042	91.875	91.042	91.667	
UL	100.000	100.000	100.000	100.000	100.000	100.000	



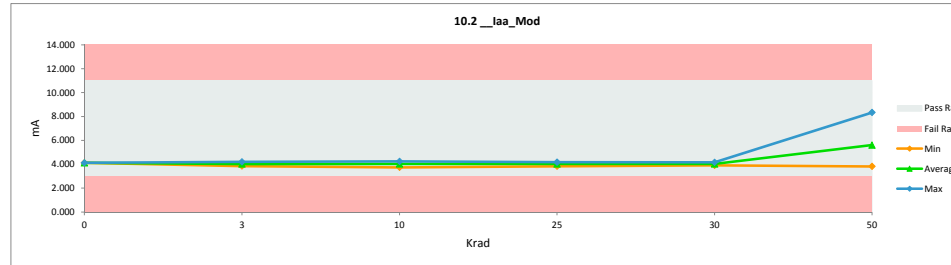
10.2 __1aa_Mod		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Unit	mA	mA
Max Limit	11	11
Min Limit	3	3

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	4.125	4.124	0.001
3	B48B	4.003	4.001	0.002
3	B51B	3.868	3.866	0.002
3	C60B	4.200	4.205	-0.005
3	A162B	4.092	4.095	-0.003
3	A165B	4.048	4.041	0.007
3	A155UB	4.087	4.083	0.004
3	A154UB	3.907	3.912	-0.005
3	66UB	4.010	4.009	0.001
3	69UB	4.146	4.149	-0.003
3	C72UB	3.835	3.845	-0.010
10	B54B	4.229	4.237	-0.008
10	B56B	4.099	4.099	0.000
10	C61B	3.773	3.789	-0.016
10	C62B	4.099	4.116	-0.017
10	A160B	3.745	3.741	0.004
10	B70UB	4.175	4.179	-0.004
10	B72UB	4.058	4.063	-0.005
10	C73UB	3.837	3.843	-0.006
10	A145UB	4.195	4.207	-0.012
10	A153UB	4.030	4.038	-0.008
25	A158B	4.040	4.064	-0.024
25	B59B	3.799	3.831	-0.032
25	B63B	3.976	4.020	-0.044
25	C64B	3.877	3.946	-0.069
25	C68B	3.912	3.974	-0.062
25	A152UB	4.078	4.068	0.010
25	A150UB	4.133	4.150	-0.017
25	B1UB	4.156	4.170	-0.014
25	B4UB	4.044	4.058	-0.014
25	C74UB	3.970	3.968	0.002
30	AA158B	4.040	4.108	-0.068
30	BB59B	3.799	3.907	-0.108
30	BB63B	3.976	4.160	-0.184
30	CC64B	3.877	3.968	-0.091
30	CC68B	3.912	4.001	-0.089
50	C32B	4.055	4.168	-0.113
50	C33B	4.046	4.178	-0.132
50	C34B	3.700	3.867	-0.167
50	C39B	4.011	4.092	-0.081
50	C78B	3.801	7.500	-3.699
50	C79B	3.797	7.620	-3.823
50	C80B	3.951	7.101	-3.150
50	B14B	4.037	7.892	-3.855
50	B15B	4.203	6.384	-2.181
50	B18B	4.020	7.951	-3.931
50	B10B	4.045	8.080	-4.035
50	B11B	4.180	8.332	-4.152
50	B13B	4.070	7.360	-3.290
50	B17B	3.936	7.829	-3.893
50	B185B	4.020	8.165	-4.145
50	A186B	4.051	7.973	-3.922
50	A180B	4.054	8.042	-3.988
50	A148B	3.893	7.920	-4.027
50	A183B	3.963	8.044	-4.081
50	A184B	4.268	8.296	-4.028
50	A146B	4.180	8.085	-3.905
50	A182B	4.028	8.033	-4.005
50	A179UB	3.897	3.930	-0.033
50	A176UB	4.065	4.060	0.005
50	A174UB	4.152	4.183	-0.031
50	A172UB	4.118	4.113	0.005
50	A171UB	3.946	3.986	-0.040
50	C41UB	3.902	3.948	-0.046
50	C42UB	3.809	3.820	-0.011
50	C43UB	3.759	4.118	-0.359
50	C44UB	4.092	4.144	-0.052
50	C46UB	4.044	4.037	0.007
50	C49UB	4.031	4.059	-0.028
50	C50UB	4.057	4.087	-0.030
50	B44UB	4.034	4.096	-0.062
50	B40UB	4.121	4.178	-0.057
50	B37UB	4.174	4.199	-0.025
50	B32UB	4.145	4.167	-0.022
50	B26UB	4.075	4.086	-0.011
50	B39UB	4.193	4.235	-0.042
50	B35UB	4.191	4.238	-0.047
50	B80UB	4.100	4.128	-0.028
50	A178UB	3.994	4.022	-0.028
50	A173UB	4.017	4.041	-0.024
	Max	4.268	8.332	0.010
	Average	4.017	4.898	-0.881
	Min	3.700	3.741	-4.152
	Std Dev	0.129	1.599	1.591



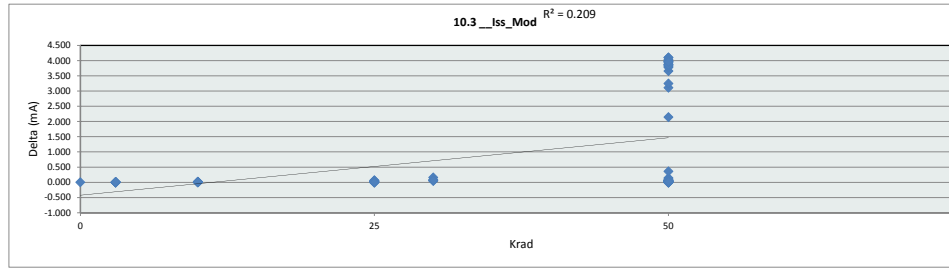
10.2 __1aa_Mod		
Test Site	CLAB	
Tester	Eagle3	
Test Number	EF651300	
Max Limit	11	mA
Min Limit	3	mA

Krad	0	10	25	30	50
LL	3.000	3.000	3.000	3.000	3.000
Min	4.124	3.845	3.741	3.831	3.907
Average	4.124	4.021	4.031	4.025	4.029
Max	4.124	4.205	4.237	4.170	8.332
UL	11.000	11.000	11.000	11.000	11.000



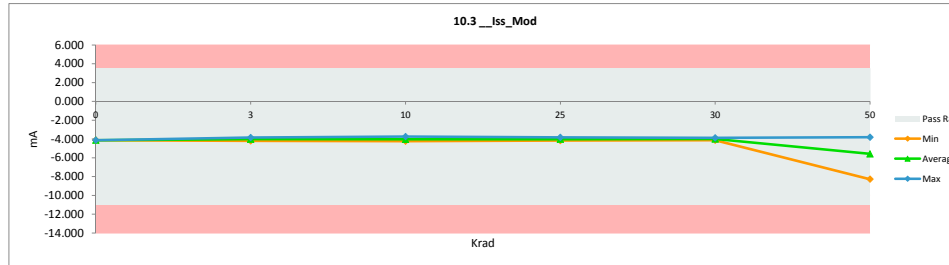
		10.3 __Iss_Mod	
Test Site		CLAB	CLAB
Tester		Eagle3	Eagle3
Test Number		EF651300	EF651300
Unit		mA	mA
Max Limit		3.5	3.5
Min Limit		-11	-11

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-4.127	-4.126	-0.001
3	B48B	-4.005	-4.002	-0.003
3	B51B	-3.869	-3.867	-0.002
3	C60B	-4.200	-4.206	0.006
3	A162B	-4.093	-4.095	0.002
3	A165B	-4.050	-4.043	-0.007
3	A155UB	-4.090	-4.084	-0.006
3	A154UB	-3.908	-3.914	0.006
3	66UB	-4.011	-4.011	0.000
3	69UB	-4.148	-4.152	0.004
3	C72UB	-3.838	-3.846	0.008
10	B54B	-4.230	-4.238	0.008
10	B56B	-4.100	-4.100	0.000
10	C61B	-3.773	-3.790	0.017
10	C62B	-4.100	-4.117	0.017
10	A160B	-3.746	-3.742	-0.004
10	B70UB	-4.177	-4.182	0.005
10	B72UB	-4.060	-4.064	0.004
10	C73UB	-3.836	-3.845	0.009
10	A145UB	-4.198	-4.209	0.011
10	A153UB	-4.032	-4.038	0.006
25	A158B	-4.042	-4.063	0.021
25	B59B	-3.800	-3.830	0.030
25	B63B	-3.978	-4.019	0.041
25	C64B	-3.878	-3.944	0.066
25	C68B	-3.913	-3.972	0.059
25	A152UB	-4.080	-4.067	-0.013
25	A150UB	-4.133	-4.150	0.017
25	B1UB	-4.158	-4.170	0.012
25	B4UB	-4.046	-4.056	0.010
25	C74UB	-3.970	-3.966	-0.004
30	AA155B	-4.042	-4.084	0.042
30	BB59B	-3.800	-3.886	0.086
30	BB63B	-3.978	-4.136	0.158
30	CC64B	-3.878	-3.945	0.067
30	CC68B	-3.913	-3.977	0.064
50	C32B	-4.056	-4.145	0.089
50	C33B	-4.045	-4.154	0.109
50	C34B	-3.703	-3.844	0.141
50	C39B	-4.013	-4.069	0.056
50	C78B	-3.801	-7.455	3.654
50	C79B	-3.799	-7.573	3.774
50	C80B	-3.953	-7.059	3.106
50	B14B	-4.038	-7.844	3.806
50	B15B	-4.204	-6.346	2.142
50	B18B	-4.022	-7.903	3.881
50	B10B	-4.046	-8.032	3.986
50	B11B	-4.181	-8.282	4.101
50	B13B	-4.072	-7.317	3.245
50	B17B	-3.938	-7.781	3.843
50	B185B	-4.022	-8.116	4.094
50	A186B	-4.052	-7.925	3.873
50	A180B	-4.056	-7.994	3.938
50	A148B	-3.894	-7.872	3.978
50	A183B	-3.965	-7.993	4.028
50	A184B	-4.269	-8.245	3.976
50	A146B	-4.181	-8.038	3.857
50	A182B	-4.030	-7.985	3.955
50	A179UB	-3.899	-3.929	0.030
50	A176UB	-4.067	-4.057	-0.010
50	A174UB	-4.154	-4.180	0.026
50	A172UB	-4.119	-4.110	-0.009
50	A171UB	-3.948	-3.985	0.037
50	C41UB	-3.903	-3.946	0.043
50	C42UB	-3.809	-3.818	0.009
50	C43UB	-3.758	-4.117	0.359
50	C44UB	-4.092	-4.144	0.052
50	C46UB	-4.044	-4.035	-0.009
50	C49UB	-4.034	-4.059	0.025
50	C50UB	-4.058	-4.086	0.028
50	B44UB	-4.035	-4.094	0.059
50	B40UB	-4.123	-4.178	0.055
50	B37UB	-4.175	-4.199	0.024
50	B32UB	-4.146	-4.165	0.019
50	B26UB	-4.076	-4.083	0.007
50	B39UB	-4.194	-4.233	0.039
50	B35UB	-4.193	-4.236	0.043
50	B80UB	-4.101	-4.127	0.026
50	A178UB	-3.996	-4.020	0.024
50	A173UB	-4.019	-4.041	0.022
	Max	-3.703	-3.742	4.101
	Average	-4.019	-4.884	0.866
	Min	-4.269	-8.282	-0.013
	Std Dev	0.129	1.581	1.572

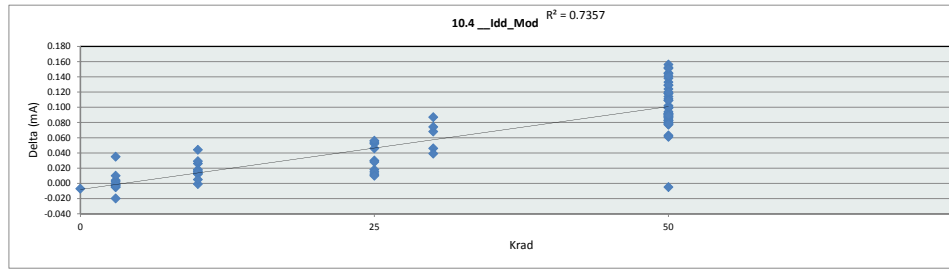


		10.3 __Iss_Mod	
Test Site		CLAB	CLAB
Tester		Eagle3	Eagle3
Test Number		EF651300	EF651300
Max Limit		3.5	mA
Min Limit		-11	mA

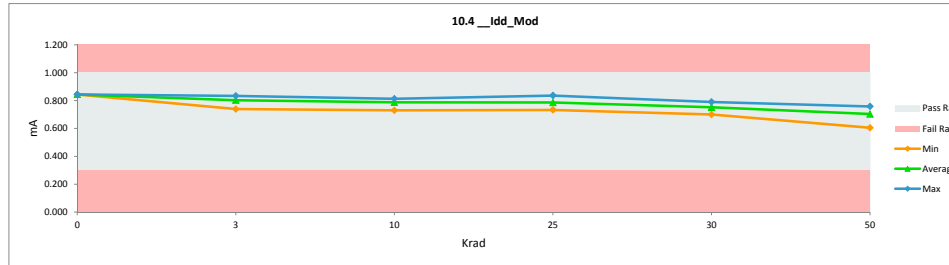
Krad	0	3	10	25	30	50
LL	-11.000	-11.000	-11.000	-11.000	-11.000	-11.000
Min	-4.126	-4.206	-4.238	-4.170	-4.136	-8.282
Average	-4.126	-4.022	-4.033	-4.024	-4.006	-5.587
Max	-4.126	-3.846	-3.742	-3.830	-3.886	-3.818
UL	3.500	3.500	3.500	3.500	3.500	3.500



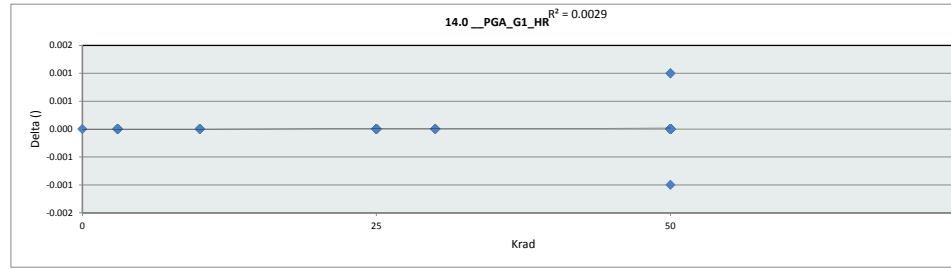
10.4 __Idd_Mod				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	mA	mA		
Max Limit	1	1		
Min Limit	0.3	0.3		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.837	0.844	-0.007
3	B48B	0.815	0.820	-0.005
3	B51B	0.828	0.830	-0.002
3	C60B	0.774	0.739	0.035
3	A162B	0.823	0.824	-0.001
3	A165B	0.779	0.799	-0.020
3	A155UB	0.779	0.775	0.004
3	A154UB	0.819	0.817	0.002
3	66UB	0.829	0.834	-0.005
3	69UB	0.831	0.834	-0.003
3	C72UB	0.765	0.755	0.010
10	B54B	0.829	0.813	0.016
10	B56B	0.812	0.813	-0.001
10	C61B	0.795	0.769	0.026
10	C62B	0.774	0.730	0.044
10	A160B	0.788	0.775	0.013
10	B70UB	0.791	0.779	0.012
10	B72UB	0.811	0.806	0.005
10	C73UB	0.822	0.793	0.029
10	A145UB	0.814	0.796	0.018
10	A153UB	0.816	0.801	0.015
25	A158B	0.800	0.748	0.052
25	B59B	0.836	0.818	0.018
25	B63B	0.828	0.816	0.012
25	C64B	0.787	0.733	0.054
25	C68B	0.821	0.765	0.056
25	A152UB	0.841	0.811	0.030
25	A150UB	0.806	0.778	0.028
25	B1UB	0.798	0.773	0.015
25	B4UB	0.846	0.836	0.010
25	C74UB	0.828	0.782	0.046
30	AA158B	0.800	0.732	0.068
30	BB59B	0.836	0.790	0.046
30	BB63B	0.828	0.789	0.039
30	CC64B	0.787	0.700	0.087
30	CC68B	0.821	0.747	0.074
50	C32B	0.806	0.654	0.152
50	C33B	0.808	0.652	0.156
50	C34B	0.801	0.677	0.124
50	C39B	0.835	0.691	0.144
50	C78B	0.766	0.657	0.109
50	C79B	0.807	0.730	0.077
50	C80B	0.786	0.653	0.133
50	B14B	0.819	0.739	0.080
50	B15B	0.793	0.710	0.083
50	B18B	0.803	0.721	0.082
50	B10B	0.814	0.751	0.063
50	B11B	0.823	0.733	0.090
50	B13B	0.820	0.729	0.091
50	B17B	0.788	0.700	0.088
50	B185B	0.803	0.704	0.099
50	A186B	0.819	0.758	0.061
50	A180B	0.805	0.687	0.118
50	A148B	0.783	0.697	0.086
50	A183B	0.790	0.679	0.111
50	A184B	0.769	0.678	0.091
50	A146B	0.802	0.688	0.114
50	A182B	0.841	0.758	0.083
50	A179UB	0.793	0.694	0.099
50	A176UB	0.799	0.670	0.129
50	A174UB	0.841	0.749	0.092
50	A172UB	0.810	0.718	0.092
50	A171UB	0.829	0.749	0.080
50	C41UB	0.824	0.695	0.129
50	C42UB	0.794	0.708	0.086
50	C43UB	0.784	0.666	0.118
50	C44UB	0.775	0.687	0.088
50	C46UB	0.600	0.605	-0.005
50	C49UB	0.821	0.727	0.094
50	C50UB	0.824	0.679	0.145
50	B44UB	0.834	0.732	0.102
50	B40UB	0.818	0.680	0.138
50	B37UB	0.842	0.701	0.141
50	B32UB	0.842	0.742	0.100
50	B26UB	0.853	0.733	0.120
50	B39UB	0.797	0.719	0.078
50	B35UB	0.834	0.745	0.089
50	B80UB	0.842	0.733	0.109
50	A178UB	0.793	0.642	0.151
50	A173UB	0.814	0.736	0.078
	Max	0.853	0.844	0.156
	Average	0.808	0.741	0.066
	Min	0.600	0.605	-0.020
	Std Dev	0.032	0.055	0.048



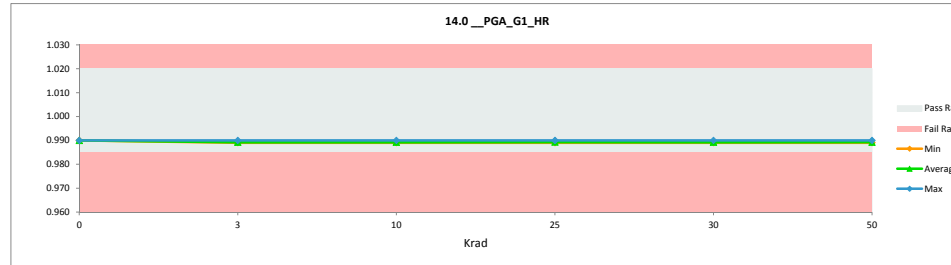
10.4 __Idd_Mod						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	1	mA				
Min Limit	0.3	mA				
Krad	0	3	10	25	30	50
LL	0.300	0.300	0.300	0.300	0.300	0.300
Min	0.844	0.739	0.730	0.733	0.700	0.605
Average	0.844	0.803	0.788	0.786	0.752	0.704
Max	0.844	0.834	0.813	0.836	0.790	0.758
UL	1.000	1.000	1.000	1.000	1.000	1.000



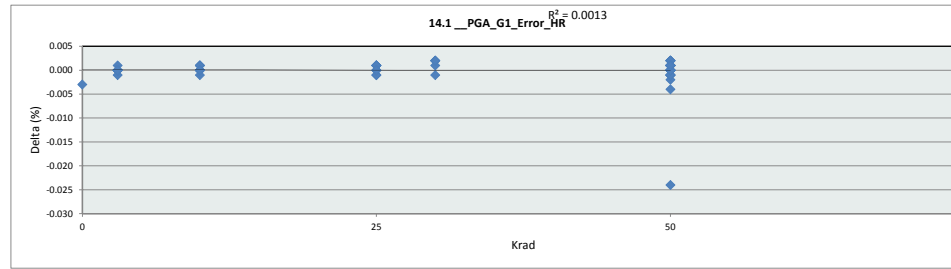
14.0 __ PGA_G1_HR				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit				
Max Limit	1.02	1.02		
Min Limit	0.985	0.985		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.990	0.990	0.000
3	B48B	0.989	0.989	0.000
3	B51B	0.989	0.989	0.000
3	C60B	0.989	0.989	0.000
3	A162B	0.990	0.990	0.000
3	A165B	0.989	0.989	0.000
3	A155UB	0.989	0.989	0.000
3	A154UB	0.990	0.990	0.000
3	66UB	0.989	0.989	0.000
3	69UB	0.989	0.989	0.000
3	C72UB	0.989	0.989	0.000
10	B54B	0.989	0.989	0.000
10	B56B	0.989	0.989	0.000
10	C61B	0.989	0.989	0.000
10	C62B	0.989	0.989	0.000
10	A160B	0.989	0.989	0.000
10	B70UB	0.989	0.989	0.000
10	B72UB	0.990	0.990	0.000
10	C73UB	0.989	0.989	0.000
10	A145UB	0.990	0.990	0.000
10	A153UB	0.989	0.989	0.000
25	A158B	0.989	0.989	0.000
25	B59B	0.989	0.989	0.000
25	B63B	0.989	0.989	0.000
25	C64B	0.990	0.990	0.000
25	C68B	0.989	0.989	0.000
25	A152UB	0.989	0.989	0.000
25	A150UB	0.989	0.989	0.000
25	B1UB	0.990	0.990	0.000
25	B4UB	0.989	0.989	0.000
25	C74UB	0.990	0.990	0.000
30	AA155B	0.989	0.989	0.000
30	BB59B	0.989	0.989	0.000
30	BB63B	0.989	0.989	0.000
30	CC64B	0.990	0.990	0.000
30	CC68B	0.989	0.989	0.000
50	C32B	0.989	0.989	0.000
50	C33B	0.990	0.989	0.001
50	C34B	0.989	0.989	0.000
50	C39B	0.989	0.989	0.000
50	C78B	0.989	0.989	0.000
50	C79B	0.989	0.989	0.000
50	C80B	0.989	0.989	0.000
50	B14B	0.989	0.989	0.000
50	B15B	0.989	0.989	0.000
50	B18B	0.989	0.989	0.000
50	B10B	0.989	0.989	0.000
50	B11B	0.990	0.990	0.000
50	B13B	0.989	0.989	0.000
50	B17B	0.989	0.989	0.000
50	B185B	0.989	0.989	0.000
50	A186B	0.989	0.989	0.000
50	A180B	0.990	0.990	0.000
50	A148B	0.989	0.990	-0.001
50	A183B	0.990	0.990	0.000
50	A184B	0.990	0.990	0.000
50	A146B	0.989	0.989	0.000
50	A182B	0.990	0.990	0.000
50	A179UB	0.990	0.990	0.000
50	A176UB	0.989	0.989	0.000
50	A174UB	0.989	0.989	0.000
50	A172UB	0.990	0.990	0.000
50	A171UB	0.991	0.990	0.001
50	C41UB	0.989	0.989	0.000
50	C42UB	0.989	0.989	0.000
50	C43UB	0.989	0.989	0.000
50	C44UB	0.989	0.989	0.000
50	C46UB	0.989	0.989	0.000
50	C49UB	0.989	0.989	0.000
50	C50UB	0.990	0.990	0.000
50	B44UB	0.990	0.990	0.000
50	B40UB	0.989	0.989	0.000
50	B37UB	0.989	0.989	0.000
50	B32UB	0.989	0.989	0.000
50	B26UB	0.989	0.989	0.000
50	B39UB	0.989	0.989	0.000
50	B35UB	0.989	0.989	0.000
50	B80UB	0.989	0.989	0.000
50	A178UB	0.989	0.989	0.000
50	A173UB	0.989	0.989	0.000
Max		0.991	0.990	0.001
Average		0.989	0.989	0.000
Min		0.989	0.989	-0.001
Std Dev		0.000	0.000	0.000



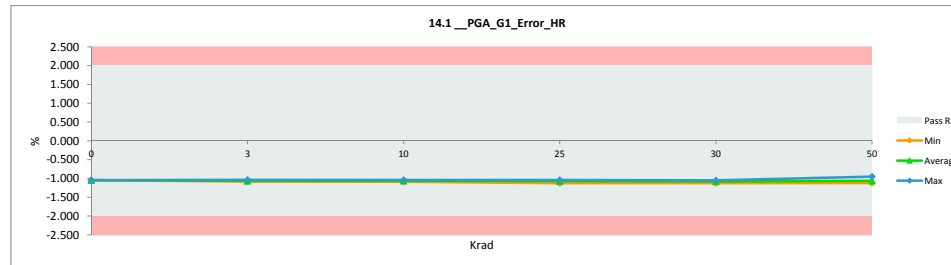
14.0 __ PGA_G1_HR						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	1.02					
Min Limit	0.985					
Krad	0	3	10	25	30	50
LL	0.985	0.985	0.985	0.985	0.985	0.985
Min	0.990	0.989	0.989	0.989	0.989	0.989
Average	0.990	0.989	0.989	0.989	0.989	0.989
Max	0.990	0.990	0.990	0.990	0.990	0.990
UL	1.020	1.020	1.020	1.020	1.020	1.020



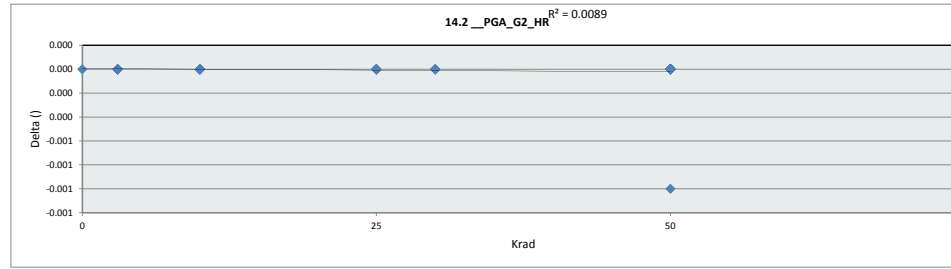
		14.1 __PGA_G1_Error_HR		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-1.046	-1.043	-0.003
3	B48B	-1.077	-1.077	0.000
3	B51B	-1.069	-1.070	0.001
3	C60B	-1.063	-1.063	0.000
3	A162B	-1.042	-1.042	0.000
3	A165B	-1.060	-1.060	0.000
3	A155UB	-1.066	-1.065	-0.001
3	A154UB	-1.036	-1.036	0.000
3	66UB	-1.082	-1.082	0.000
3	69UB	-1.064	-1.064	0.000
3	C72UB	-1.075	-1.075	0.000
10	B54B	-1.055	-1.055	0.000
10	B56B	-1.072	-1.072	0.000
10	C61B	-1.079	-1.080	0.001
10	C62B	-1.059	-1.060	0.001
10	A160B	-1.062	-1.062	0.000
10	B70UB	-1.085	-1.086	0.001
10	B72UB	-1.039	-1.039	0.000
10	C73UB	-1.064	-1.064	0.000
10	A145UB	-1.045	-1.044	-0.001
10	A153UB	-1.055	-1.055	0.000
25	A158B	-1.057	-1.058	0.001
25	B59B	-1.063	-1.064	0.001
25	B63B	-1.094	-1.095	0.001
25	C64B	-1.046	-1.047	0.001
25	C68B	-1.124	-1.125	0.001
25	A152UB	-1.066	-1.065	-0.001
25	A150UB	-1.065	-1.065	0.000
25	B1UB	-1.041	-1.040	-0.001
25	B4UB	-1.082	-1.082	0.000
25	C74UB	-1.046	-1.046	0.000
30	AA156B	-1.057	-1.056	-0.001
30	BB59B	-1.063	-1.065	0.002
30	BB63B	-1.094	-1.095	0.001
30	CC64B	-1.046	-1.048	0.002
30	CC68B	-1.124	-1.126	0.002
50	C32B	-1.055	-1.057	0.002
50	C33B	-1.049	-1.051	0.002
50	C34B	-1.114	-1.116	0.002
50	C39B	-1.063	-1.065	0.002
50	C78B	-1.081	-1.080	-0.001
50	C79B	-1.097	-1.097	0.000
50	C80B	-1.068	-1.069	0.001
50	B14B	-1.066	-1.064	-0.002
50	B15B	-1.065	-1.061	-0.004
50	B18B	-1.077	-1.077	0.000
50	B10B	-1.061	-1.061	0.000
50	B11B	-1.023	-1.023	0.000
50	B13B	-1.076	-1.076	0.000
50	B17B	-1.059	-1.059	0.000
50	B185B	-1.077	-1.053	-0.024
50	A186B	-1.066	-1.065	-0.001
50	A180B	-1.020	-1.019	-0.001
50	A148B	-1.050	-1.049	-0.001
50	A183B	-1.037	-1.037	0.000
50	A184B	-1.035	-1.034	-0.001
50	A146B	-1.056	-1.056	0.000
50	A182B	-1.044	-1.043	-0.001
50	A179UB	-1.030	-1.030	0.000
50	A176UB	-1.065	-1.066	0.001
50	A174UB	-1.061	-1.062	0.001
50	A172UB	-1.036	-1.036	0.000
50	A171UB	-0.950	-0.951	0.001
50	C41UB	-1.076	-1.077	0.001
50	C42UB	-1.066	-1.066	0.000
50	C43UB	-1.120	-1.121	0.001
50	C44UB	-1.082	-1.082	0.000
50	C46UB	-1.085	-1.085	0.000
50	C49UB	-1.051	-1.052	0.001
50	C50UB	-1.049	-1.050	0.001
50	B44UB	-1.035	-1.036	0.001
50	B40UB	-1.056	-1.057	0.001
50	B37UB	-1.080	-1.081	0.001
50	B32UB	-1.061	-1.062	0.001
50	B26UB	-1.078	-1.079	0.001
50	B39UB	-1.069	-1.069	0.000
50	B35UB	-1.061	-1.062	0.001
50	B80UB	-1.077	-1.079	0.002
50	A178UB	-1.057	-1.058	0.001
50	A173UB	-1.066	-1.067	0.001
	Max	-0.950	-0.951	0.002
	Average	-1.063	-1.063	0.000
	Min	-1.124	-1.126	-0.024
	Std Dev	0.024	0.024	0.003



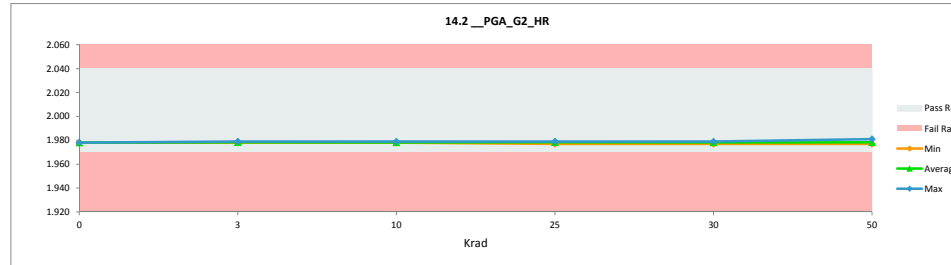
		14.1 __PGA_G1_Error_HR					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	2	%					
Min Limit	-2	%					
Krad	0	3	10	25	30	50	
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	
Min	-1.043	-1.082	-1.086	-1.125	-1.126	-1.121	
Average	-1.043	-1.063	-1.062	-1.069	-1.078	-1.060	
Max	-1.043	-1.036	-1.039	-1.040	-1.048	-0.951	
UL	2.000	2.000	2.000	2.000	2.000	2.000	



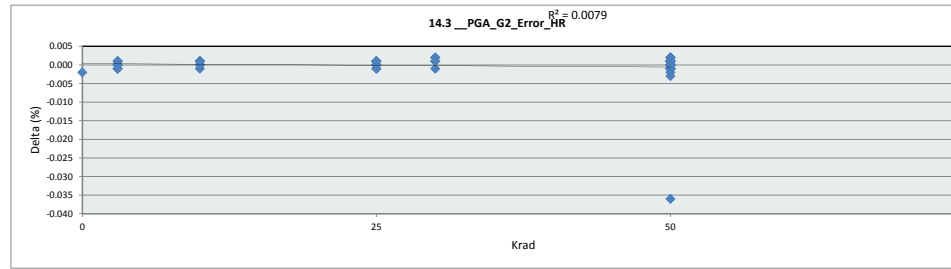
14.2 __PGA_G2_HR				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit				
Max Limit	2.04	2.04		
Min Limit	1.97	1.97		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	1.978	1.978	0.000
3	B48B	1.978	1.978	0.000
3	B51B	1.978	1.978	0.000
3	C60B	1.978	1.978	0.000
3	A162B	1.979	1.979	0.000
3	A165B	1.979	1.979	0.000
3	A155UB	1.978	1.978	0.000
3	A154UB	1.979	1.979	0.000
3	66UB	1.978	1.978	0.000
3	69UB	1.978	1.978	0.000
3	C72UB	1.978	1.978	0.000
10	B54B	1.979	1.979	0.000
10	B56B	1.978	1.978	0.000
10	C61B	1.978	1.978	0.000
10	C62B	1.978	1.978	0.000
10	A160B	1.978	1.978	0.000
10	B70UB	1.978	1.978	0.000
10	B72UB	1.978	1.978	0.000
10	C73UB	1.978	1.978	0.000
10	A145UB	1.979	1.979	0.000
10	A153UB	1.978	1.978	0.000
25	A158B	1.979	1.979	0.000
25	B59B	1.978	1.978	0.000
25	B63B	1.978	1.978	0.000
25	C64B	1.979	1.979	0.000
25	C68B	1.977	1.977	0.000
25	A152UB	1.978	1.978	0.000
25	A150UB	1.979	1.979	0.000
25	B1UB	1.978	1.978	0.000
25	B4UB	1.978	1.978	0.000
25	C74UB	1.979	1.979	0.000
30	AA158B	1.979	1.979	0.000
30	BB59B	1.978	1.978	0.000
30	BB63B	1.978	1.978	0.000
30	CC64B	1.979	1.979	0.000
30	CC68B	1.977	1.977	0.000
50	C32B	1.978	1.978	0.000
50	C33B	1.979	1.979	0.000
50	C34B	1.977	1.977	0.000
50	C39B	1.978	1.978	0.000
50	C78B	1.978	1.978	0.000
50	C79B	1.978	1.978	0.000
50	C80B	1.978	1.978	0.000
50	B14B	1.978	1.978	0.000
50	B15B	1.978	1.978	0.000
50	B18B	1.978	1.978	0.000
50	B10B	1.978	1.978	0.000
50	B11B	1.979	1.979	0.000
50	B13B	1.978	1.978	0.000
50	B17B	1.978	1.978	0.000
50	B185B	1.978	1.979	-0.001
50	A186B	1.978	1.978	0.000
50	A180B	1.979	1.979	0.000
50	A148B	1.979	1.979	0.000
50	A183B	1.979	1.979	0.000
50	A184B	1.979	1.979	0.000
50	A146B	1.978	1.978	0.000
50	A182B	1.979	1.979	0.000
50	A179UB	1.979	1.979	0.000
50	A176UB	1.978	1.978	0.000
50	A174UB	1.979	1.979	0.000
50	A172UB	1.979	1.979	0.000
50	A171UB	1.981	1.981	0.000
50	C41UB	1.978	1.978	0.000
50	C42UB	1.978	1.978	0.000
50	C43UB	1.977	1.977	0.000
50	C44UB	1.978	1.978	0.000
50	C46UB	1.978	1.978	0.000
50	C49UB	1.978	1.978	0.000
50	C50UB	1.979	1.979	0.000
50	B44UB	1.979	1.979	0.000
50	B40UB	1.978	1.978	0.000
50	B37UB	1.978	1.978	0.000
50	B32UB	1.978	1.978	0.000
50	B26UB	1.978	1.978	0.000
50	B39UB	1.978	1.978	0.000
50	B35UB	1.978	1.978	0.000
50	B80UB	1.978	1.978	0.000
50	A178UB	1.978	1.978	0.000
50	A173UB	1.978	1.978	0.000
Max	1.981	1.981	0.000	
Average	1.978	1.978	0.000	
Min	1.977	1.977	-0.001	
Std Dev	0.001	0.001	0.000	



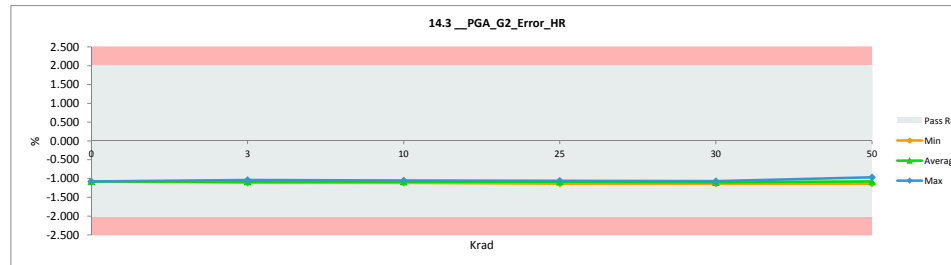
14.2 __PGA_G2_HR						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	2.04					
Min Limit	1.97					
Krad	0	3	10	25	30	50
LL	1.970	1.970	1.970	1.970	1.970	1.970
Min	1.978	1.978	1.978	1.977	1.977	1.977
Average	1.978	1.978	1.978	1.978	1.978	1.978
Max	1.978	1.979	1.979	1.979	1.979	1.981
UL	2.040	2.040	2.040	2.040	2.040	2.040



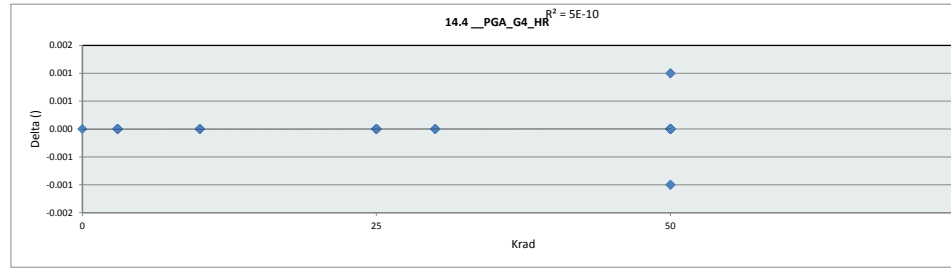
14.3 __PGA_G2_Error_HR				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
0	C24	-1.079	-1.077	-0.002
3	B48B	-1.095	-1.095	0.000
3	B51B	-1.096	-1.096	0.000
3	C60B	-1.077	-1.078	0.001
3	A162B	-1.060	-1.061	0.001
3	A165B	-1.073	-1.073	0.000
3	A155UB	-1.086	-1.085	-0.001
3	A154UB	-1.041	-1.041	0.000
3	66UB	-1.115	-1.114	-0.001
3	69UB	-1.096	-1.095	-0.001
3	C72UB	-1.099	-1.100	0.001
10	B54B	-1.050	-1.051	0.001
10	B56B	-1.097	-1.097	0.000
10	C61B	-1.096	-1.097	0.001
10	C62B	-1.078	-1.079	0.001
10	A160B	-1.084	-1.084	0.000
10	B70UB	-1.115	-1.116	0.001
10	B72UB	-1.077	-1.076	-0.001
10	C73UB	-1.098	-1.098	0.000
10	A145UB	-1.053	-1.053	0.000
10	A153UB	-1.077	-1.078	0.001
25	A158B	-1.074	-1.075	0.001
25	B59B	-1.095	-1.095	0.000
25	B63B	-1.114	-1.115	0.001
25	C64B	-1.066	-1.067	0.001
25	C68B	-1.137	-1.137	0.000
25	A152UB	-1.081	-1.081	0.000
25	A150UB	-1.070	-1.070	0.000
25	B1UB	-1.078	-1.077	-0.001
25	B4UB	-1.105	-1.104	-0.001
25	C74UB	-1.060	-1.061	0.001
30	AA158B	-1.074	-1.073	-0.001
30	BB59B	-1.095	-1.096	0.001
30	BB63B	-1.114	-1.116	0.002
30	CC64B	-1.066	-1.068	0.002
30	CC68B	-1.137	-1.138	0.001
50	C32B	-1.088	-1.090	0.002
50	C33B	-1.065	-1.066	0.001
50	C34B	-1.131	-1.133	0.002
50	C39B	-1.083	-1.085	0.002
50	C78B	-1.103	-1.103	0.000
50	C79B	-1.118	-1.118	0.000
50	C80B	-1.091	-1.092	0.001
50	B14B	-1.094	-1.093	-0.001
50	B15B	-1.095	-1.092	-0.003
50	B18B	-1.094	-1.093	-0.001
50	B10B	-1.078	-1.077	-0.001
50	B11B	-1.035	-1.034	-0.001
50	B13B	-1.094	-1.094	0.000
50	B17B	-1.091	-1.091	0.000
50	B185B	-1.094	-1.058	-0.036
50	A186B	-1.090	-1.089	-0.001
50	A180B	-1.048	-1.047	-0.001
50	A148B	-1.070	-1.068	-0.002
50	A183B	-1.053	-1.052	-0.001
50	A184B	-1.062	-1.061	-0.001
50	A146B	-1.080	-1.079	-0.001
50	A182B	-1.045	-1.044	-0.001
50	A179UB	-1.044	-1.044	0.000
50	A176UB	-1.097	-1.098	0.001
50	A174UB	-1.075	-1.075	0.000
50	A172UB	-1.045	-1.046	0.001
50	A171UB	-0.966	-0.967	0.001
50	C41UB	-1.106	-1.107	0.001
50	C42UB	-1.101	-1.101	0.000
50	C43UB	-1.138	-1.138	0.000
50	C44UB	-1.109	-1.109	0.000
50	C46UB	-1.113	-1.114	0.001
50	C49UB	-1.076	-1.077	0.001
50	C50UB	-1.061	-1.061	0.000
50	B44UB	-1.027	-1.027	0.000
50	B40UB	-1.083	-1.083	0.000
50	B37UB	-1.107	-1.108	0.001
50	B32UB	-1.080	-1.080	0.000
50	B26UB	-1.099	-1.100	0.001
50	B39UB	-1.077	-1.077	0.000
50	B35UB	-1.078	-1.079	0.001
50	B80UB	-1.098	-1.098	0.000
50	A178UB	-1.085	-1.087	0.002
50	A173UB	-1.094	-1.095	0.001
	Max	-0.966	-0.967	0.002
	Average	-1.083	-1.083	0.000
	Min	-1.138	-1.138	-0.036
	Std Dev	0.027	0.027	0.004



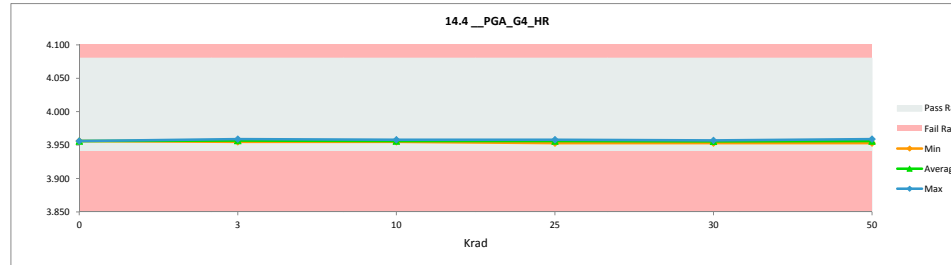
14.3 __PGA_G2_Error_HR						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	2	%				
Min Limit	-2	%				
Krad	0	3	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-1.077	-1.114	-1.116	-1.137	-1.138	-1.138
Average	-1.077	-1.084	-1.083	-1.088	-1.098	-1.080
Max	-1.077	-1.041	-1.051	-1.061	-1.068	-0.967
UL	2.000	2.000	2.000	2.000	2.000	2.000



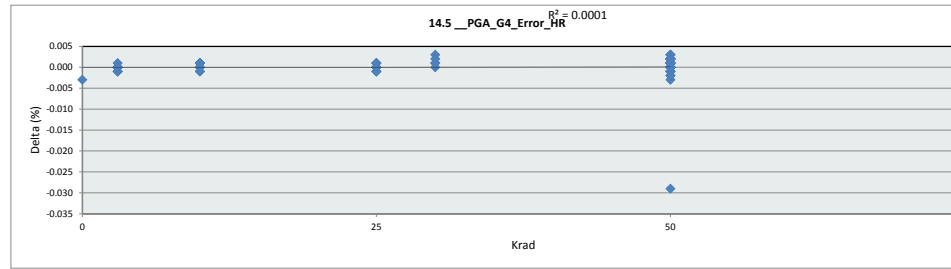
14.4 __ PGA_G4_HR				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit			PRE_RAD	POST_RAD
Max Limit	4.08	4.08		
Min Limit	3.94	3.94		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	3.956	3.956	0.000
3	B48B	3.957	3.957	0.000
3	B51B	3.956	3.956	0.000
3	C60B	3.958	3.958	0.000
3	A162B	3.957	3.957	0.000
3	A165B	3.956	3.956	0.000
3	A155UB	3.956	3.956	0.000
3	A154UB	3.959	3.959	0.000
3	66UB	3.957	3.957	0.000
3	69UB	3.956	3.956	0.000
3	C72UB	3.955	3.955	0.000
10	B54B	3.955	3.955	0.000
10	B56B	3.956	3.956	0.000
10	C61B	3.957	3.957	0.000
10	C62B	3.957	3.957	0.000
10	A160B	3.955	3.955	0.000
10	B70UB	3.955	3.955	0.000
10	B72UB	3.956	3.956	0.000
10	C73UB	3.957	3.957	0.000
10	A145UB	3.958	3.958	0.000
10	A153UB	3.955	3.955	0.000
25	A158B	3.957	3.957	0.000
25	B59B	3.956	3.956	0.000
25	B63B	3.955	3.955	0.000
25	C64B	3.957	3.957	0.000
25	C68B	3.953	3.953	0.000
25	A152UB	3.956	3.956	0.000
25	A150UB	3.957	3.957	0.000
25	B1UB	3.956	3.956	0.000
25	B4UB	3.955	3.955	0.000
25	C74UB	3.958	3.958	0.000
30	AA158B	3.957	3.957	0.000
30	BB59B	3.956	3.956	0.000
30	BB63B	3.955	3.955	0.000
30	CC64B	3.957	3.957	0.000
30	CC68B	3.953	3.953	0.000
50	C32B	3.956	3.956	0.000
50	C33B	3.957	3.957	0.000
50	C34B	3.955	3.955	0.000
50	C39B	3.956	3.956	0.000
50	C78B	3.954	3.954	0.000
50	C79B	3.953	3.953	0.000
50	C80B	3.956	3.956	0.000
50	B14B	3.956	3.956	0.000
50	B15B	3.954	3.954	0.000
50	B18B	3.956	3.956	0.000
50	B10B	3.955	3.955	0.000
50	B11B	3.957	3.957	0.000
50	B13B	3.955	3.955	0.000
50	B17B	3.957	3.957	0.000
50	B185B	3.956	3.957	-0.001
50	A186B	3.955	3.955	0.000
50	A180B	3.957	3.957	0.000
50	A148B	3.956	3.956	0.000
50	A183B	3.956	3.957	-0.001
50	A184B	3.957	3.957	0.000
50	A146B	3.957	3.957	0.000
50	A182B	3.958	3.958	0.000
50	A179UB	3.959	3.959	0.000
50	A176UB	3.956	3.955	0.001
50	A174UB	3.956	3.956	0.000
50	A172UB	3.958	3.958	0.000
50	A171UB	3.959	3.959	0.000
50	C41UB	3.956	3.955	0.001
50	C42UB	3.954	3.954	0.000
50	C43UB	3.954	3.954	0.000
50	C44UB	3.954	3.954	0.000
50	C46UB	3.955	3.955	0.000
50	C49UB	3.956	3.956	0.000
50	C50UB	3.959	3.959	0.000
50	B44UB	3.958	3.958	0.000
50	B40UB	3.956	3.956	0.000
50	B37UB	3.956	3.956	0.000
50	B32UB	3.955	3.955	0.000
50	B26UB	3.958	3.958	0.000
50	B39UB	3.956	3.956	0.000
50	B35UB	3.956	3.956	0.000
50	B80UB	3.956	3.956	0.000
50	A178UB	3.955	3.955	0.000
50	A173UB	3.955	3.955	0.000
	Max	3.959	3.959	0.001
	Average	3.956	3.956	0.000
	Min	3.953	3.953	-0.001
	Std Dev	0.001	0.001	0.000



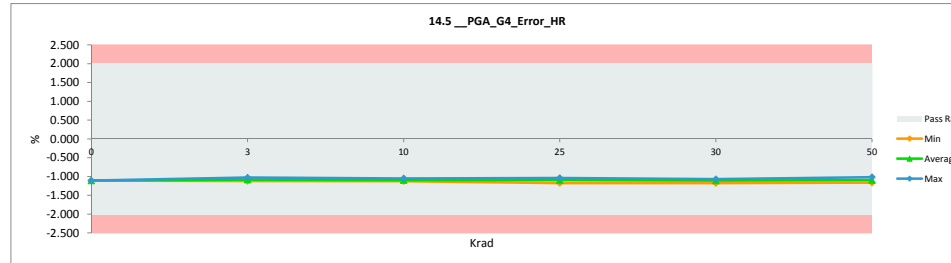
14.4 __ PGA_G4_HR						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	4.08					
Min Limit	3.94					
Krad	0	3	10	25	30	50
LL	3.940	3.940	3.940	3.940	3.940	3.940
Min	3.956	3.955	3.955	3.953	3.953	3.953
Average	3.956	3.957	3.956	3.956	3.956	3.956
Max	3.956	3.959	3.958	3.958	3.957	3.959
UL	4.080	4.080	4.080	4.080	4.080	4.080



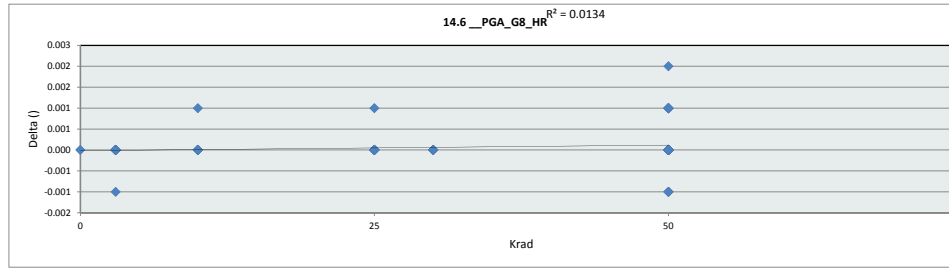
		14.5 __PGA_G4_Error_HR		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-1.109	-1.106	-0.003
3	B48B	-1.076	-1.076	0.000
3	B51B	-1.112	-1.111	-0.001
3	C60B	-1.043	-1.044	0.001
3	A162B	-1.077	-1.077	0.000
3	A165B	-1.103	-1.103	0.000
3	A155UB	-1.100	-1.100	0.000
3	A154UB	-1.026	-1.025	-0.001
3	66UB	-1.072	-1.071	-0.001
3	69UB	-1.092	-1.092	0.000
3	C72UB	-1.121	-1.121	0.000
10	B54B	-1.118	-1.119	0.001
10	B56B	-1.091	-1.090	-0.001
10	C61B	-1.078	-1.079	0.001
10	C62B	-1.070	-1.071	0.001
10	A160B	-1.120	-1.120	0.000
10	B70UB	-1.119	-1.119	0.000
10	B72UB	-1.091	-1.092	0.001
10	C73UB	-1.073	-1.074	0.001
10	A145UB	-1.050	-1.050	0.000
10	A153UB	-1.127	-1.126	-0.001
25	A158B	-1.069	-1.070	0.001
25	B59B	-1.097	-1.098	0.001
25	B63B	-1.126	-1.126	0.000
25	C64B	-1.068	-1.068	0.000
25	C68B	-1.172	-1.173	0.001
25	A152UB	-1.091	-1.091	0.000
25	A150UB	-1.077	-1.076	-0.001
25	B1UB	-1.096	-1.095	-0.001
25	B4UB	-1.123	-1.122	-0.001
25	C74UB	-1.038	-1.038	0.000
30	AA156B	-1.069	-1.069	0.000
30	BB59B	-1.097	-1.100	0.003
30	BB63B	-1.126	-1.127	0.001
30	CC64B	-1.068	-1.069	0.001
30	CC68B	-1.172	-1.174	0.002
50	C32B	-1.096	-1.098	0.002
50	C33B	-1.076	-1.078	0.002
50	C34B	-1.114	-1.117	0.003
50	C39B	-1.088	-1.089	0.001
50	C78B	-1.139	-1.139	0.000
50	C79B	-1.163	-1.164	0.001
50	C80B	-1.093	-1.095	0.002
50	B14B	-1.093	-1.093	0.000
50	B15B	-1.145	-1.142	-0.003
50	B18B	-1.099	-1.099	0.000
50	B10B	-1.127	-1.127	0.000
50	B11B	-1.071	-1.071	0.000
50	B13B	-1.124	-1.124	0.000
50	B17B	-1.087	-1.087	0.000
50	B185B	-1.099	-1.070	-0.029
50	A186B	-1.114	-1.113	-0.001
50	A180B	-1.072	-1.071	-0.001
50	A148B	-1.110	-1.108	-0.002
50	A183B	-1.088	-1.087	-0.001
50	A184B	-1.075	-1.073	-0.002
50	A146B	-1.082	-1.083	0.001
50	A182B	-1.053	-1.052	-0.001
50	A179UB	-1.027	-1.027	0.000
50	A176UB	-1.112	-1.114	0.002
50	A174UB	-1.090	-1.090	0.000
50	A172UB	-1.040	-1.041	0.001
50	A171UB	-1.019	-1.020	0.001
50	C41UB	-1.111	-1.113	0.002
50	C42UB	-1.147	-1.148	0.001
50	C43UB	-1.156	-1.159	0.003
50	C44UB	-1.139	-1.142	0.003
50	C46UB	-1.127	-1.128	0.001
50	C49UB	-1.097	-1.098	0.001
50	C50UB	-1.014	-1.016	0.002
50	B44UB	-1.038	-1.038	0.000
50	B40UB	-1.106	-1.106	0.000
50	B37UB	-1.098	-1.098	0.000
50	B32UB	-1.115	-1.117	0.002
50	B26UB	-1.057	-1.058	0.001
50	B39UB	-1.098	-1.099	0.001
50	B35UB	-1.088	-1.090	0.002
50	B80UB	-1.093	-1.095	0.002
50	A178UB	-1.116	-1.118	0.002
50	A173UB	-1.113	-1.114	0.001
	Max	-1.014	-1.016	0.003
	Average	-1.095	-1.095	0.000
	Min	-1.172	-1.174	-0.029
	Std Dev	0.034	0.034	0.004



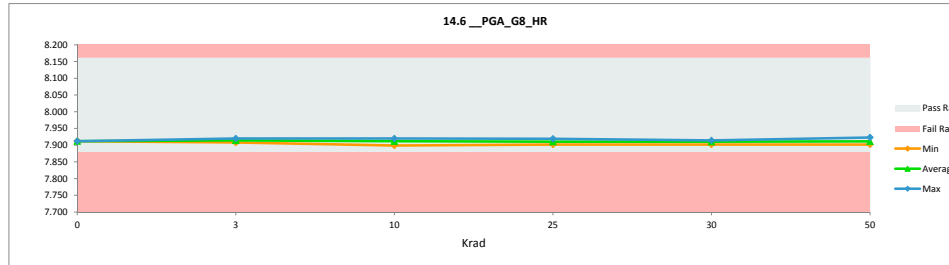
		14.5 __PGA_G4_Error_HR					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	2	%					
Min Limit	-2	%					
Krad	0	3	10	25	30	50	
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	
Min	-1.106	-1.121	-1.126	-1.173	-1.174	-1.164	
Average	-1.106	-1.082	-1.094	-1.096	-1.108	-1.096	
Max	-1.106	-1.025	-1.050	-1.038	-1.069	-1.016	
UL	2.000	2.000	2.000	2.000	2.000	2.000	



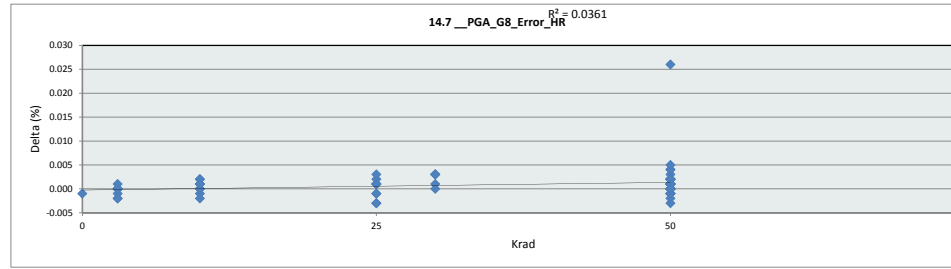
14.6 __PGA_G8_HR				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit				
Max Limit	8.16	8.16		
Min Limit	7.88	7.88		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	7.912	7.912	0.000
3	B48B	7.915	7.915	0.000
3	B51B	7.912	7.912	0.000
3	C60B	7.915	7.915	0.000
3	A162B	7.917	7.917	0.000
3	A165B	7.908	7.908	0.000
3	A155UB	7.916	7.916	0.000
3	A154UB	7.912	7.912	0.000
3	66UB	7.920	7.920	0.000
3	69UB	7.913	7.914	-0.001
3	C72UB	7.912	7.912	0.000
10	B54B	7.899	7.899	0.000
10	B56B	7.914	7.914	0.000
10	C61B	7.917	7.917	0.000
10	C62B	7.910	7.909	0.001
10	A160B	7.906	7.906	0.000
10	B70UB	7.912	7.912	0.000
10	B72UB	7.910	7.910	0.000
10	C73UB	7.918	7.918	0.000
10	A145UB	7.920	7.920	0.000
10	A153UB	7.914	7.914	0.000
25	A158B	7.914	7.914	0.000
25	B59B	7.913	7.913	0.000
25	B63B	7.908	7.908	0.000
25	C64B	7.914	7.914	0.000
25	C68B	7.902	7.902	0.000
25	A152UB	7.913	7.913	0.000
25	A150UB	7.903	7.903	0.000
25	B1UB	7.910	7.910	0.000
25	B4UB	7.908	7.908	0.000
25	C74UB	7.920	7.919	0.001
30	AA158B	7.914	7.914	0.000
30	BB59B	7.913	7.913	0.000
30	BB63B	7.908	7.908	0.000
30	CC64B	7.914	7.914	0.000
30	CC68B	7.902	7.902	0.000
50	C32B	7.913	7.913	0.000
50	C33B	7.908	7.908	0.000
50	C34B	7.912	7.912	0.000
50	C39B	7.909	7.909	0.000
50	C78B	7.907	7.907	0.000
50	C79B	7.903	7.902	0.001
50	C80B	7.910	7.909	0.001
50	B14B	7.917	7.917	0.000
50	B15B	7.904	7.905	-0.001
50	B18B	7.909	7.909	0.000
50	B10B	7.910	7.910	0.000
50	B11B	7.902	7.902	0.000
50	B13B	7.914	7.914	0.000
50	B17B	7.913	7.913	0.000
50	B185B	7.909	7.907	0.002
50	A186B	7.905	7.905	0.000
50	A180B	7.911	7.911	0.000
50	A148B	7.907	7.907	0.000
50	A183B	7.905	7.905	0.000
50	A184B	7.917	7.917	0.000
50	A146B	7.917	7.916	0.001
50	A182B	7.916	7.916	0.000
50	A179UB	7.923	7.923	0.000
50	A176UB	7.907	7.907	0.000
50	A174UB	7.911	7.911	0.000
50	A172UB	7.919	7.920	-0.001
50	A171UB	7.915	7.914	0.001
50	C41UB	7.910	7.910	0.000
50	C42UB	7.905	7.905	0.000
50	C43UB	7.913	7.912	0.001
50	C44UB	7.911	7.911	0.000
50	C46UB	7.909	7.909	0.000
50	C49UB	7.908	7.908	0.000
50	C50UB	7.922	7.922	0.000
50	B44UB	7.911	7.911	0.000
50	B40UB	7.910	7.911	-0.001
50	B37UB	7.911	7.910	0.001
50	B32UB	7.910	7.910	0.000
50	B26UB	7.922	7.922	0.000
50	B39UB	7.913	7.913	0.000
50	B35UB	7.919	7.919	0.000
50	B80UB	7.910	7.910	0.000
50	A178UB	7.906	7.906	0.000
50	A173UB	7.913	7.913	0.000
	Max	7.923	7.923	0.002
	Average	7.912	7.911	0.000
	Min	7.899	7.899	-0.001
	Std Dev	0.005	0.005	0.000



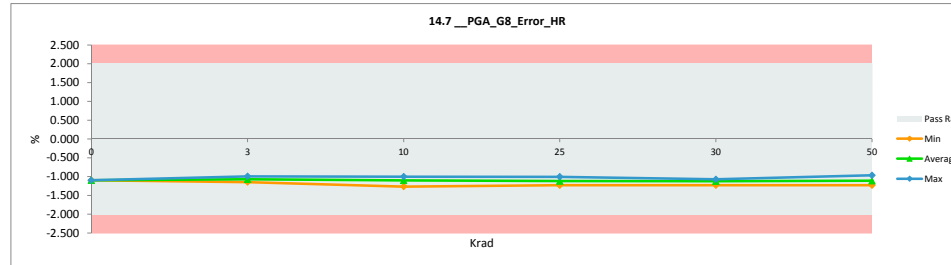
14.6 __PGA_G8_HR						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	8.16					
Min Limit	7.88					
Krad	0	3	10	25	30	50
LL	7.880	7.880	7.880	7.880	7.880	7.880
Min	7.912	7.908	7.899	7.902	7.902	7.902
Average	7.912	7.914	7.912	7.910	7.910	7.911
Max	7.912	7.920	7.920	7.919	7.914	7.923
UL	8.160	8.160	8.160	8.160	8.160	8.160



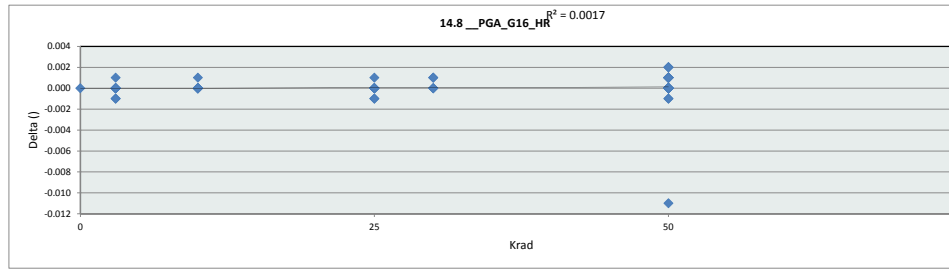
14.7 __PGA_G8_Error_HR				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
0	C24	-1.100	-1.099	-0.001
3	B48B	-1.061	-1.059	-0.002
3	B51B	-1.100	-1.100	0.000
3	C60B	-1.064	-1.063	-0.001
3	A162B	-1.037	-1.037	0.000
3	A165B	-1.147	-1.147	0.000
3	A155UB	-1.049	-1.049	0.000
3	A154UB	-1.097	-1.098	0.001
3	66UB	-0.994	-0.994	0.000
3	69UB	-1.083	-1.081	-0.002
3	C72UB	-1.094	-1.094	0.000
10	B54B	-1.267	-1.267	0.000
10	B56B	-1.080	-1.080	0.000
10	C61B	-1.039	-1.041	0.002
10	C62B	-1.130	-1.132	0.002
10	A160B	-1.177	-1.178	0.001
10	B70UB	-1.101	-1.100	-0.001
10	B72UB	-1.130	-1.131	0.001
10	C73UB	-1.025	-1.025	0.000
10	A145UB	-1.005	-1.003	-0.002
10	A153UB	-1.071	-1.072	0.001
25	A158B	-1.072	-1.073	0.001
25	B59B	-1.081	-1.082	0.001
25	B63B	-1.150	-1.152	0.002
25	C64B	-1.079	-1.078	-0.001
25	C68B	-1.227	-1.230	0.003
25	A152UB	-1.091	-1.092	0.001
25	A150UB	-1.214	-1.211	-0.003
25	B1UB	-1.130	-1.127	-0.003
25	B4UB	-1.147	-1.146	-0.001
25	C74UB	-1.006	-1.007	-0.001
30	AA158B	-1.072	-1.072	0.000
30	BB59B	-1.081	-1.084	0.003
30	BB63B	-1.150	-1.153	0.003
30	CC64B	-1.079	-1.080	0.001
30	CC68B	-1.227	-1.230	0.003
50	C32B	-1.082	-1.084	0.002
50	C33B	-1.149	-1.151	0.002
50	C34B	-1.104	-1.105	0.001
50	C39B	-1.139	-1.142	0.003
50	C78B	-1.166	-1.166	0.000
50	C79B	-1.218	-1.219	0.001
50	C80B	-1.129	-1.133	0.004
50	B14B	-1.033	-1.035	0.002
50	B15B	-1.194	-1.191	-0.003
50	B18B	-1.133	-1.133	0.000
50	B10B	-1.127	-1.129	0.002
50	B11B	-1.230	-1.229	-0.001
50	B13B	-1.071	-1.070	-0.001
50	B17B	-1.083	-1.083	0.000
50	B185B	-1.133	-1.159	0.026
50	A186B	-1.191	-1.191	0.000
50	A180B	-1.110	-1.111	0.001
50	A148B	-1.160	-1.159	-0.001
50	A183B	-1.184	-1.184	0.000
50	A184B	-1.043	-1.042	-0.001
50	A146B	-1.044	-1.044	0.000
50	A182B	-1.049	-1.049	0.000
50	A179UB	-0.965	-0.966	0.001
50	A176UB	-1.163	-1.163	0.000
50	A174UB	-1.116	-1.117	0.001
50	A172UB	-1.006	-1.006	0.000
50	A171UB	-1.067	-1.069	0.002
50	C41UB	-1.129	-1.129	0.000
50	C42UB	-1.184	-1.184	0.000
50	C43UB	-1.092	-1.094	0.002
50	C44UB	-1.116	-1.117	0.001
50	C46UB	-1.141	-1.142	0.001
50	C49UB	-1.146	-1.146	0.000
50	C50UB	-0.973	-0.974	0.001
50	B44UB	-1.112	-1.111	-0.001
50	B40UB	-1.120	-1.118	-0.002
50	B37UB	-1.118	-1.120	0.002
50	B32UB	-1.124	-1.128	0.004
50	B26UB	-0.975	-0.977	0.002
50	B39UB	-1.085	-1.084	-0.001
50	B35UB	-1.012	-1.014	0.002
50	B80UB	-1.121	-1.122	0.001
50	A178UB	-1.173	-1.178	0.005
50	A173UB	-1.087	-1.087	0.000
	Max	-0.965	-0.966	0.026
	Average	-1.106	-1.107	0.001
	Min	-1.267	-1.267	-0.003
	Std Dev	0.063	0.064	0.003



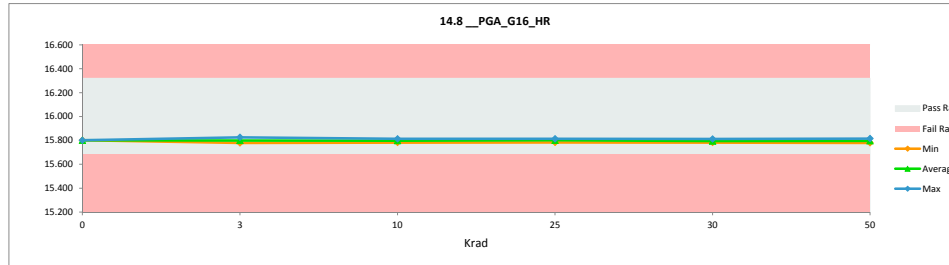
14.7 __PGA_G8_Error_HR						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	2	%				
Min Limit	-2	%				
Krad	0	3	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-1.099	-1.147	-1.267	-1.230	-1.230	-1.229
Average	-1.099	-1.072	-1.103	-1.120	-1.124	-1.110
Max	-1.099	-0.994	-1.003	-1.007	-1.072	-0.966
UL	2.000	2.000	2.000	2.000	2.000	2.000



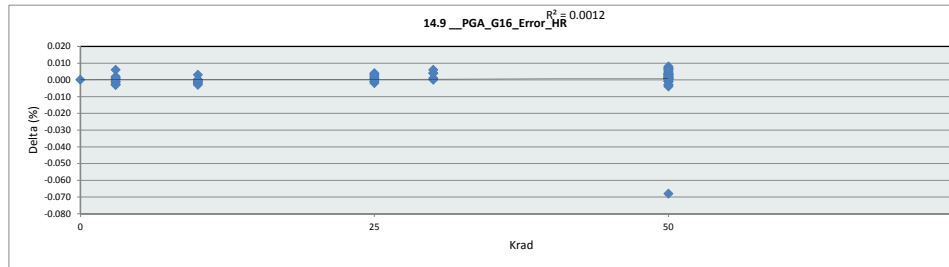
14.8 __ PGA_G16_HR				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit				
Max Limit	16.32	16.32		
Min Limit	15.68	15.68		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	15.801	15.801	0.000
3	B48B	15.796	15.797	-0.001
3	B51B	15.779	15.778	0.001
3	C60B	15.809	15.809	0.000
3	A162B	15.803	15.804	-0.001
3	A165B	15.806	15.806	0.000
3	A155UB	15.786	15.786	0.000
3	A154UB	15.826	15.826	0.000
3	66UB	15.800	15.800	0.000
3	69UB	15.783	15.783	0.000
3	C72UB	15.799	15.799	0.000
10	B54B	15.801	15.801	0.000
10	B56B	15.782	15.782	0.000
10	C61B	15.811	15.811	0.000
10	C62B	15.814	15.813	0.001
10	A160B	15.804	15.804	0.000
10	B70UB	15.795	15.795	0.000
10	B72UB	15.801	15.801	0.000
10	C73UB	15.798	15.798	0.000
10	A145UB	15.785	15.785	0.000
10	A153UB	15.785	15.785	0.000
25	A158B	15.812	15.812	0.000
25	B59B	15.783	15.783	0.000
25	B63B	15.787	15.788	-0.001
25	C64B	15.804	15.805	-0.001
25	C68B	15.787	15.786	0.001
25	A152UB	15.805	15.805	0.000
25	A150UB	15.813	15.813	0.000
25	B1UB	15.799	15.799	0.000
25	B4UB	15.805	15.805	0.000
25	C74UB	15.812	15.812	0.000
30	AA155B	15.812	15.812	0.000
30	BB59B	15.783	15.782	0.001
30	BB63B	15.787	15.787	0.000
30	CC64B	15.804	15.804	0.000
30	CC68B	15.787	15.786	0.001
50	C32B	15.804	15.803	0.001
50	C33B	15.803	15.803	0.000
50	C34B	15.790	15.789	0.001
50	C39B	15.780	15.779	0.001
50	C78B	15.800	15.799	0.001
50	C79B	15.785	15.784	0.001
50	C80B	15.786	15.786	0.000
50	B14B	15.799	15.799	0.000
50	B15B	15.788	15.788	0.000
50	B18B	15.799	15.798	0.001
50	B10B	15.790	15.790	0.000
50	B11B	15.803	15.802	0.001
50	B13B	15.780	15.780	0.000
50	B17B	15.795	15.793	0.002
50	B185B	15.799	15.810	-0.011
50	A186B	15.780	15.780	0.000
50	A180B	15.797	15.795	0.002
50	A148B	15.806	15.806	0.000
50	A183B	15.810	15.810	0.000
50	A184B	15.801	15.801	0.000
50	A146B	15.794	15.794	0.000
50	A182B	15.795	15.795	0.000
50	A179UB	15.795	15.794	0.001
50	A176UB	15.793	15.793	0.000
50	A174UB	15.796	15.796	0.000
50	A172UB	15.792	15.790	0.002
50	A171UB	15.813	15.812	0.001
50	C41UB	15.814	15.814	0.000
50	C42UB	15.787	15.787	0.000
50	C43UB	15.790	15.790	0.000
50	C44UB	15.785	15.784	0.001
50	C46UB	15.805	15.805	0.000
50	C49UB	15.805	15.805	0.000
50	C50UB	15.812	15.812	0.000
50	B44UB	15.814	15.815	-0.001
50	B40UB	15.795	15.795	0.000
50	B37UB	15.811	15.810	0.001
50	B32UB	15.796	15.795	0.001
50	B26UB	15.792	15.793	-0.001
50	B39UB	15.779	15.779	0.000
50	B35UB	15.792	15.792	0.000
50	B80UB	15.803	15.803	0.000
50	A178UB	15.789	15.789	0.000
50	A173UB	15.792	15.792	0.000
	Max	15.826	15.826	0.002
	Average	15.797	15.797	0.000
	Min	15.779	15.778	-0.011
	Std Dev	0.011	0.011	0.001



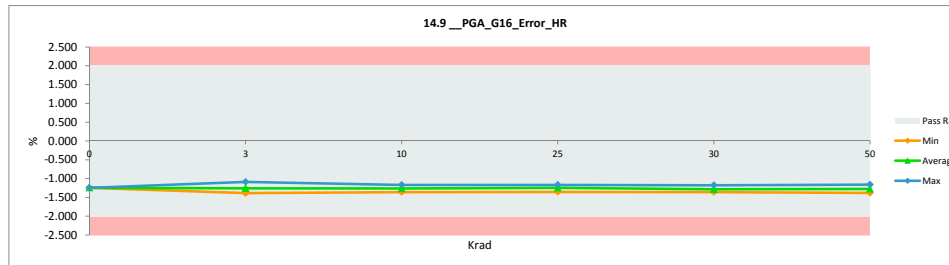
14.8 __ PGA_G16_HR						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	16.32					
Min Limit	15.68					
Krad	0	3	10	25	30	50
LL	15.680	15.680	15.680	15.680	15.680	15.680
Min	15.801	15.778	15.782	15.783	15.782	15.779
Average	15.801	15.799	15.798	15.801	15.794	15.796
Max	15.801	15.826	15.813	15.813	15.812	15.815
UL	16.320	16.320	16.320	16.320	16.320	16.320



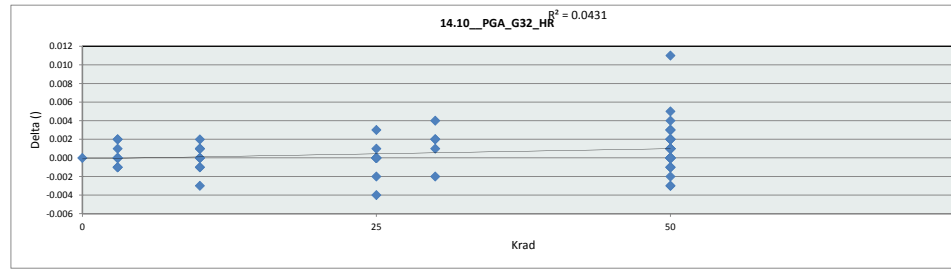
14.9 __PGA_G16_Error_HR				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	2	2		
Min Limit	-2	-2		
0	C24	-1.244	-1.244	0.000
3	B48B	-1.273	-1.270	-0.003
3	B51B	-1.382	-1.388	0.006
3	C60B	-1.195	-1.194	-0.001
3	A162B	-1.230	-1.228	-0.002
3	A165B	-1.215	-1.212	-0.003
3	A155UB	-1.336	-1.337	0.001
3	A154UB	-1.086	-1.088	0.002
3	66UB	-1.251	-1.250	-0.001
3	69UB	-1.359	-1.359	0.000
3	C72UB	-1.256	-1.257	0.001
10	B54B	-1.246	-1.244	-0.002
10	B56B	-1.361	-1.359	-0.002
10	C61B	-1.182	-1.182	0.000
10	C62B	-1.165	-1.168	0.003
10	A160B	-1.226	-1.223	-0.003
10	B70UB	-1.281	-1.281	0.000
10	B72UB	-1.242	-1.242	0.000
10	C73UB	-1.264	-1.263	-0.001
10	A145UB	-1.344	-1.343	-0.001
10	A153UB	-1.342	-1.342	0.000
25	A158B	-1.175	-1.177	0.002
25	B59B	-1.356	-1.355	-0.001
25	B63B	-1.330	-1.328	-0.002
25	C64B	-1.222	-1.221	-0.001
25	C68B	-1.331	-1.335	0.004
25	A152UB	-1.220	-1.220	0.000
25	A150UB	-1.167	-1.168	0.001
25	B1UB	-1.256	-1.259	0.003
25	B4UB	-1.219	-1.220	0.001
25	C74UB	-1.175	-1.178	0.003
30	AA156B	-1.175	-1.176	0.001
30	BB59B	-1.356	-1.360	0.004
30	BB63B	-1.330	-1.330	0.000
30	CC64B	-1.222	-1.226	0.004
30	CC68B	-1.331	-1.337	0.006
50	C32B	-1.226	-1.231	0.005
50	C33B	-1.231	-1.234	0.003
50	C34B	-1.310	-1.318	0.008
50	C39B	-1.377	-1.381	0.004
50	C78B	-1.253	-1.257	0.004
50	C79B	-1.343	-1.349	0.006
50	C80B	-1.334	-1.340	0.006
50	B14B	-1.254	-1.253	-0.001
50	B15B	-1.326	-1.323	-0.003
50	B18B	-1.258	-1.261	0.003
50	B10B	-1.310	-1.314	0.004
50	B11B	-1.234	-1.235	0.001
50	B13B	-1.376	-1.377	0.001
50	B17B	-1.284	-1.291	0.007
50	B185B	-1.258	-1.190	-0.068
50	A186B	-1.374	-1.374	0.000
50	A180B	-1.271	-1.278	0.007
50	A148B	-1.212	-1.211	-0.001
50	A183B	-1.189	-1.190	0.001
50	A184B	-1.243	-1.244	0.001
50	A146B	-1.286	-1.288	0.002
50	A182B	-1.282	-1.282	0.000
50	A179UB	-1.283	-1.285	0.002
50	A176UB	-1.293	-1.293	0.000
50	A174UB	-1.272	-1.276	0.004
50	A172UB	-1.303	-1.310	0.007
50	A171UB	-1.172	-1.175	0.003
50	C41UB	-1.161	-1.162	0.001
50	C42UB	-1.333	-1.329	-0.004
50	C43UB	-1.313	-1.314	0.001
50	C44UB	-1.346	-1.349	0.003
50	C46UB	-1.219	-1.221	0.002
50	C49UB	-1.221	-1.222	0.001
50	C50UB	-1.172	-1.175	0.003
50	B44UB	-1.160	-1.159	-0.001
50	B40UB	-1.281	-1.283	0.002
50	B37UB	-1.183	-1.186	0.003
50	B32UB	-1.275	-1.282	0.007
50	B26UB	-1.298	-1.295	-0.003
50	B39UB	-1.382	-1.379	-0.003
50	B35UB	-1.299	-1.302	0.003
50	B80UB	-1.228	-1.234	0.006
50	A178UB	-1.320	-1.320	0.000
50	A173UB	-1.301	-1.302	0.001
	Max	-1.086	-1.088	0.008
	Average	-1.267	-1.268	0.001
	Min	-1.382	-1.388	-0.068
	Std Dev	0.066	0.067	0.008



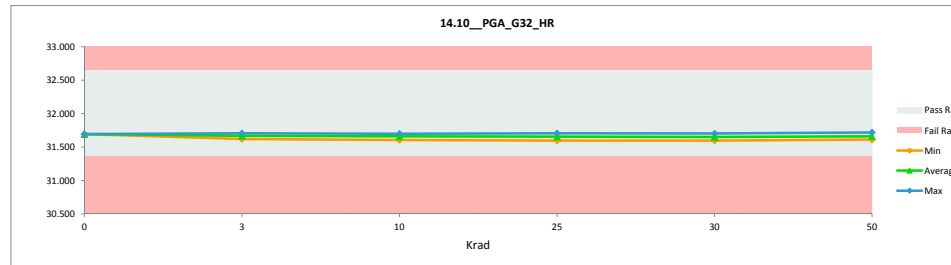
14.9 __PGA_G16_Error_HR						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	2	%				
Min Limit	-2	%				
Krad	0	3	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-1.244	-1.388	-1.359	-1.355	-1.360	-1.381
Average	-1.244	-1.258	-1.265	-1.246	-1.286	-1.274
Max	-1.244	-1.088	-1.168	-1.168	-1.176	-1.159
UL	2.000	2.000	2.000	2.000	2.000	2.000



14.10_PGA_G32_HR				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit				
Max Limit	32.64	32.64		
Min Limit	31.36	31.36		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	31.693	31.693	0.000
3	B48B	31.656	31.657	-0.001
3	B51B	31.707	31.707	0.000
3	C60B	31.661	31.659	0.002
3	A162B	31.691	31.689	0.002
3	A165B	31.621	31.621	0.000
3	A155UB	31.664	31.664	0.000
3	A154UB	31.623	31.624	-0.001
3	66UB	31.679	31.680	-0.001
3	69UB	31.704	31.704	0.000
3	C72UB	31.671	31.670	0.001
10	B54B	31.607	31.606	0.001
10	B56B	31.687	31.688	-0.001
10	C61B	31.658	31.657	0.001
10	C62B	31.643	31.643	0.000
10	A160B	31.619	31.620	-0.001
10	B70UB	31.650	31.653	-0.003
10	B72UB	31.689	31.687	0.002
10	C73UB	31.672	31.672	0.000
10	A145UB	31.699	31.699	0.000
10	A153UB	31.674	31.673	0.001
25	A158B	31.634	31.636	-0.002
25	B59B	31.705	31.705	0.000
25	B63B	31.664	31.661	0.003
25	C64B	31.663	31.662	0.001
25	C68B	31.597	31.597	0.000
25	A152UB	31.649	31.649	0.000
25	A150UB	31.615	31.619	-0.004
25	B1UB	31.687	31.687	0.000
25	B4UB	31.661	31.661	0.000
25	C74UB	31.687	31.687	0.000
30	AA155B	31.634	31.636	-0.002
30	BB59B	31.705	31.703	0.002
30	BB63B	31.664	31.660	0.004
30	CC64B	31.663	31.661	0.002
30	CC68B	31.597	31.596	0.001
50	C32B	31.667	31.667	0.000
50	C33B	31.642	31.641	0.001
50	C34B	31.645	31.643	0.002
50	C39B	31.691	31.687	0.004
50	C78B	31.660	31.659	0.001
50	C79B	31.636	31.635	0.001
50	C80B	31.687	31.684	0.003
50	B14B	31.688	31.687	0.001
50	B15B	31.632	31.632	0.000
50	B18B	31.654	31.653	0.001
50	B10B	31.652	31.651	0.001
50	B11B	31.614	31.612	0.002
50	B13B	31.637	31.637	0.000
50	B17B	31.684	31.682	0.002
50	B185B	31.654	31.643	0.011
50	A186B	31.653	31.653	0.000
50	A180B	31.693	31.692	0.001
50	A148B	31.632	31.631	0.001
50	A183B	31.665	31.666	-0.001
50	A184B	31.666	31.666	0.000
50	A146B	31.671	31.671	0.000
50	A182B	31.667	31.667	0.000
50	A179UB	31.697	31.697	0.000
50	A176UB	31.639	31.637	0.002
50	A174UB	31.666	31.666	0.000
50	A172UB	31.704	31.699	0.005
50	A171UB	31.679	31.676	0.003
50	C41UB	31.658	31.655	0.003
50	C42UB	31.684	31.682	0.002
50	C43UB	31.614	31.615	-0.001
50	C44UB	31.656	31.659	-0.003
50	C46UB	31.677	31.676	0.001
50	C49UB	31.659	31.659	0.000
50	C50UB	31.676	31.675	0.001
50	B44UB	31.618	31.617	0.001
50	B40UB	31.650	31.649	0.001
50	B37UB	31.659	31.660	-0.001
50	B32UB	31.673	31.676	-0.003
50	B26UB	31.691	31.689	0.002
50	B39UB	31.654	31.654	0.000
50	B35UB	31.721	31.718	0.003
50	B80UB	31.670	31.672	-0.002
50	A178UB	31.666	31.666	0.000
50	A173UB	31.649	31.650	-0.001
	Max	31.721	31.718	0.011
	Average	31.662	31.661	0.001
	Min	31.597	31.596	-0.004
	Std Dev	0.027	0.027	0.002

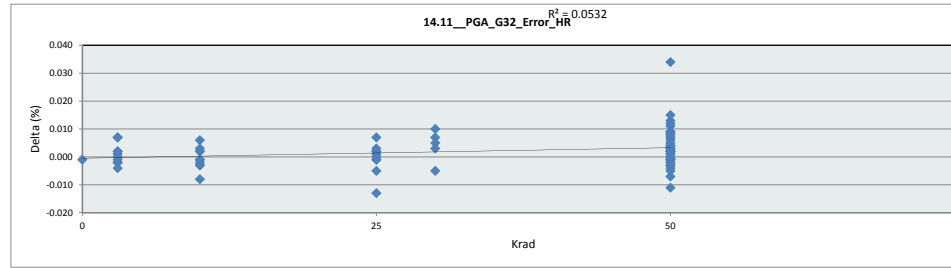


14.10_PGA_G32_HR						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	32.64					
Min Limit	31.36					
Krad	0	3	10	25	30	50
LL	31.360	31.360	31.360	31.360	31.360	31.360
Min	31.693	31.621	31.606	31.597	31.596	31.612
Average	31.693	31.668	31.660	31.660	31.651	31.662
Max	31.693	31.707	31.699	31.705	31.703	31.718
UL	32.640	32.640	32.640	32.640	32.640	32.640



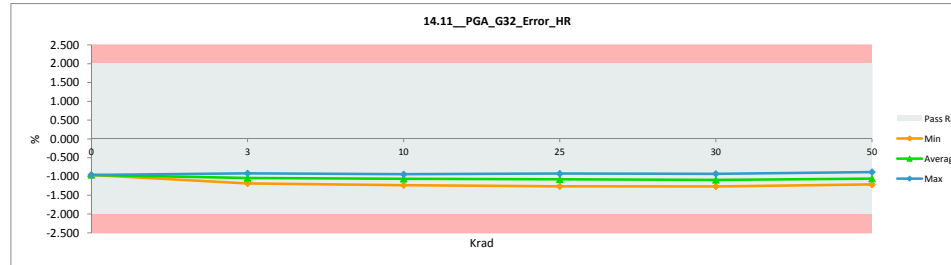
14.11_PGA_G32_Error_HR		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Unit	%	%
Max Limit	2	2
Min Limit	-2	-2

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-0.960	-0.959	-0.001
3	B48B	-1.075	-1.073	-0.002
3	B51B	-0.916	-0.917	0.001
3	C60B	-1.059	-1.066	0.007
3	A162B	-0.965	-0.972	0.007
3	A165B	-1.184	-1.186	0.002
3	A155UB	-1.052	-1.051	-0.001
3	A154UB	-1.178	-1.176	-0.002
3	66UB	-1.003	-0.999	-0.004
3	69UB	-0.926	-0.926	0.000
3	C72UB	-1.028	-1.030	0.002
10	B54B	-1.229	-1.231	0.002
10	B56B	-0.979	-0.976	-0.003
10	C61B	-1.069	-1.071	0.002
10	C62B	-1.116	-1.115	-0.001
10	A160B	-1.190	-1.187	-0.003
10	B70UB	-1.094	-1.086	-0.008
10	B72UB	-0.971	-0.977	0.006
10	C73UB	-1.026	-1.024	-0.002
10	A145UB	-0.941	-0.940	-0.001
10	A153UB	-1.018	-1.021	0.003
25	A158B	-1.143	-1.138	-0.005
25	B59B	-0.921	-0.923	0.002
25	B63B	-1.051	-1.058	0.007
25	C64B	-1.053	-1.056	0.003
25	C68B	-1.261	-1.260	-0.001
25	A152UB	-1.097	-1.097	0.000
25	A150UB	-1.202	-1.189	-0.013
25	B1UB	-0.978	-0.977	-0.001
25	B4UB	-1.058	-1.060	0.002
25	C74UB	-0.979	-0.980	0.001
30	AA156B	-1.143	-1.138	-0.005
30	BB59B	-0.921	-0.928	0.007
30	BB63B	-1.051	-1.061	0.010
30	CC64B	-1.053	-1.058	0.005
30	CC68B	-1.261	-1.264	0.003
50	C32B	-1.040	-1.040	0.000
50	C33B	-1.120	-1.123	0.003
50	C34B	-1.109	-1.117	0.008
50	C39B	-0.965	-0.978	0.013
50	C78B	-1.062	-1.066	0.004
50	C79B	-1.136	-1.142	0.006
50	C80B	-0.977	-0.988	0.011
50	B14B	-0.974	-0.977	0.003
50	B15B	-1.150	-1.149	-0.001
50	B18B	-1.082	-1.083	0.001
50	B10B	-1.087	-1.089	0.002
50	B11B	-1.205	-1.212	0.007
50	B13B	-1.133	-1.136	0.003
50	B17B	-0.989	-0.993	0.004
50	B185B	-1.082	-1.116	0.034
50	A186B	-1.084	-1.085	0.001
50	A180B	-0.960	-0.962	0.002
50	A148B	-1.150	-1.152	0.002
50	A183B	-1.048	-1.045	-0.003
50	A184B	-1.043	-1.043	0.000
50	A146B	-1.028	-1.027	-0.001
50	A182B	-1.040	-1.042	0.002
50	A179UB	-0.948	-0.946	-0.002
50	A176UB	-1.127	-1.136	0.009
50	A174UB	-1.045	-1.044	-0.001
50	A172UB	-0.926	-0.941	0.015
50	A171UB	-1.004	-1.013	0.009
50	C41UB	-1.070	-1.079	0.009
50	C42UB	-0.987	-0.994	0.007
50	C43UB	-1.207	-1.203	-0.004
50	C44UB	-1.076	-1.065	-0.011
50	C46UB	-1.010	-1.012	0.002
50	C49UB	-1.066	-1.065	-0.001
50	C50UB	-1.011	-1.015	0.004
50	B44UB	-1.193	-1.198	0.005
50	B40UB	-1.094	-1.097	0.003
50	B37UB	-1.065	-1.062	-0.003
50	B32UB	-1.020	-1.013	-0.007
50	B26UB	-0.965	-0.973	0.008
50	B39UB	-1.082	-1.081	-0.001
50	B35UB	-0.870	-0.882	0.012
50	B80UB	-1.030	-1.025	-0.005
50	A178UB	-1.043	-1.045	0.002
50	A173UB	-1.097	-1.095	-0.002
	Max	-0.870	-0.882	0.034
	Average	-1.057	-1.059	0.002
	Min	-1.261	-1.264	-0.013
	Std Dev	0.085	0.084	0.006

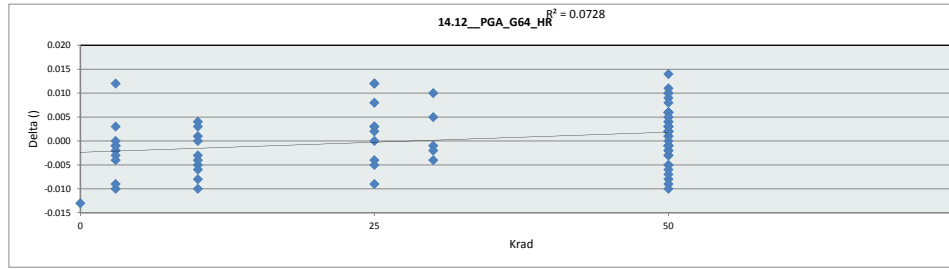


14.11_PGA_G32_Error_HR		
Test Site	CLAB	
Tester	Eagle3	
Test Number	EF651300	
Max Limit	2	%
Min Limit	-2	%

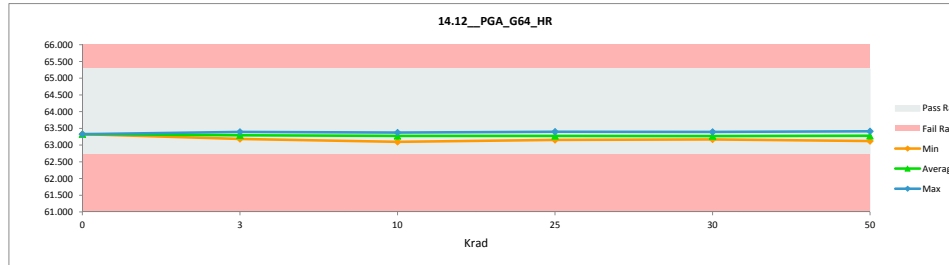
Krad	0	3	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-0.959	-1.186	-1.231	-1.260	-1.264	-1.212
Average	-0.959	-1.040	-1.063	-1.074	-1.090	-1.058
Max	-0.959	-0.917	-0.940	-0.923	-0.928	-0.882
UL	2.000	2.000	2.000	2.000	2.000	2.000



14.12_PGA_G64_HR				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit				
Max Limit	65.28	65.28		
Min Limit	62.72	62.72		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	63.315	63.328	-0.013
3	B48B	63.267	63.255	0.012
3	B51B	63.395	63.395	0.000
3	C60B	63.242	63.252	-0.010
3	A162B	63.340	63.349	-0.009
3	A165B	63.203	63.205	-0.002
3	A155UB	63.282	63.279	0.003
3	A154UB	63.181	63.184	-0.003
3	66UB	63.326	63.330	-0.004
3	69UB	63.393	63.394	-0.001
3	C72UB	63.308	63.309	-0.001
10	B54B	63.097	63.096	0.001
10	B56B	63.349	63.354	-0.005
10	C61B	63.273	63.281	-0.008
10	C62B	63.224	63.221	0.003
10	A160B	63.198	63.204	-0.006
10	B70UB	63.244	63.254	-0.010
10	B72UB	63.362	63.365	-0.003
10	C73UB	63.299	63.295	0.004
10	A145UB	63.377	63.377	0.000
10	A153UB	63.310	63.314	-0.004
25	A158B	63.246	63.244	0.002
25	B59B	63.393	63.397	-0.004
25	B63B	63.288	63.276	0.012
25	C64B	63.262	63.271	-0.009
25	C68B	63.169	63.174	-0.005
25	A152UB	63.282	63.279	0.003
25	A150UB	63.157	63.154	0.003
25	B1UB	63.360	63.360	0.000
25	B4UB	63.269	63.261	0.008
25	C74UB	63.327	63.315	0.012
30	AA155B	63.244	63.241	0.005
30	BB59B	63.393	63.394	-0.001
30	BB63B	63.288	63.278	0.010
30	CC64B	63.262	63.266	-0.004
30	CC68B	63.169	63.171	-0.002
50	C32B	63.285	63.284	0.001
50	C33B	63.251	63.245	0.006
50	C34B	63.242	63.247	-0.005
50	C39B	63.351	63.348	0.003
50	C78B	63.243	63.240	0.003
50	C79B	63.238	63.236	0.002
50	C80B	63.316	63.316	0.000
50	B14B	63.362	63.360	0.002
50	B15B	63.220	63.225	-0.005
50	B18B	63.243	63.239	0.004
50	B10B	63.290	63.291	-0.001
50	B11B	63.127	63.121	0.006
50	B13B	63.262	63.265	-0.003
50	B17B	63.333	63.328	0.005
50	B185B	63.243	63.229	0.014
50	A186B	63.270	63.269	0.001
50	A180B	63.360	63.358	0.002
50	A148B	63.224	63.220	0.004
50	A183B	63.214	63.204	0.010
50	A184B	63.286	63.284	0.002
50	A146B	63.306	63.304	0.002
50	A182B	63.327	63.324	0.003
50	A179UB	63.372	63.374	-0.002
50	A176UB	63.237	63.245	-0.008
50	A174UB	63.294	63.288	0.006
50	A172UB	63.367	63.368	-0.001
50	A171UB	63.274	63.265	0.009
50	C41UB	63.266	63.258	0.008
50	C42UB	63.338	63.344	-0.006
50	C43UB	63.190	63.179	0.011
50	C44UB	63.297	63.291	0.006
50	C46UB	63.277	63.275	0.002
50	C49UB	63.213	63.216	-0.003
50	C50UB	63.315	63.313	0.002
50	B44UB	63.140	63.141	-0.001
50	B40UB	63.294	63.301	-0.007
50	B37UB	63.266	63.261	0.005
50	B32UB	63.344	63.345	-0.001
50	B26UB	63.358	63.348	0.010
50	B39UB	63.301	63.310	-0.009
50	B35UB	63.418	63.415	0.003
50	B80UB	63.317	63.319	-0.002
50	A178UB	63.265	63.275	-0.010
50	A173UB	63.248	63.249	-0.001
	Max	63.418	63.415	0.014
	Average	63.281	63.280	0.001
	Min	63.097	63.096	-0.013
	Std Dev	0.067	0.067	0.006

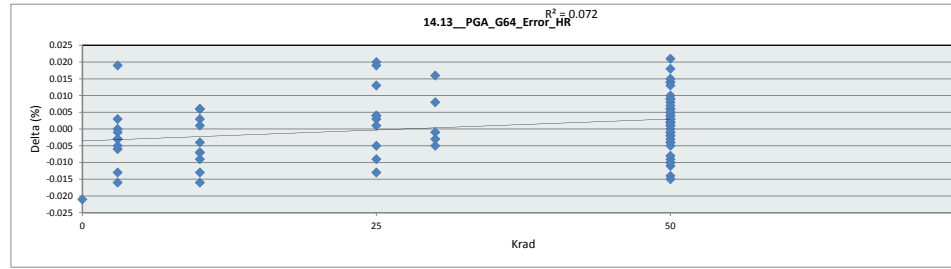


14.12_PGA_G64_HR						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	65.28					
Min Limit	62.72					
Krad	0	3	10	25	30	50
LL	62.720	62.720	62.720	62.720	62.720	62.720
Min	63.328	63.184	63.096	63.154	63.171	63.121
Average	63.328	63.295	63.276	63.273	63.270	63.280
Max	63.328	63.395	63.377	63.397	63.394	63.415
UL	65.280	65.280	65.280	65.280	65.280	65.280



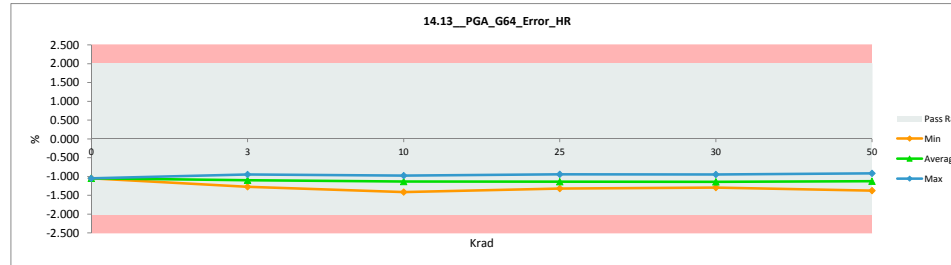
14.13_PGA_G64_Error_HR		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Unit	%	%
Max Limit	2	2
Min Limit	-2	-2

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	-1.071	-1.050	-0.021
3	B48B	-1.145	-1.164	0.019
3	B51B	-0.945	-0.945	0.000
3	C60B	-1.184	-1.168	-0.016
3	A162B	-1.031	-1.018	-0.013
3	A165B	-1.245	-1.242	-0.003
3	A155UB	-1.123	-1.126	0.003
3	A154UB	-1.280	-1.275	-0.005
3	66UB	-1.053	-1.047	-0.006
3	69UB	-0.948	-0.947	-0.001
3	C72UB	-1.082	-1.079	-0.003
10	B54B	-1.410	-1.413	0.003
10	B56B	-1.017	-1.010	-0.007
10	C61B	-1.136	-1.123	-0.013
10	C62B	-1.212	-1.218	0.006
10	A160B	-1.252	-1.243	-0.009
10	B70UB	-1.182	-1.166	-0.016
10	B72UB	-0.997	-0.993	-0.004
10	C73UB	-1.095	-1.101	0.006
10	A145UB	-0.973	-0.974	0.001
10	A153UB	-1.078	-1.071	-0.007
25	A158B	-1.178	-1.181	0.003
25	B59B	-0.948	-0.943	-0.005
25	B63B	-1.112	-1.131	0.019
25	C64B	-1.152	-1.139	-0.013
25	C68B	-1.299	-1.290	-0.009
25	A152UB	-1.122	-1.126	0.004
25	A150UB	-1.318	-1.322	0.004
25	B1UB	-0.999	-1.000	0.001
25	B4UB	-1.142	-1.155	0.013
25	C74UB	-1.051	-1.071	0.020
30	AA156B	-1.178	-1.186	0.008
30	BB59B	-0.948	-0.947	-0.001
30	BB63B	-1.112	-1.128	0.016
30	CC64B	-1.152	-1.147	-0.005
30	CC68B	-1.299	-1.296	-0.003
50	C32B	-1.117	-1.119	0.002
50	C33B	-1.171	-1.180	0.009
50	C34B	-1.185	-1.176	-0.009
50	C39B	-1.014	-1.019	0.005
50	C78B	-1.183	-1.188	0.005
50	C79B	-1.191	-1.193	0.002
50	C80B	-1.068	-1.069	0.001
50	B14B	-0.997	-1.000	0.003
50	B15B	-1.219	-1.211	-0.008
50	B18B	-1.183	-1.189	0.006
50	B10B	-1.109	-1.108	-0.001
50	B11B	-1.364	-1.374	0.010
50	B13B	-1.153	-1.149	-0.004
50	B17B	-1.041	-1.049	0.008
50	B185B	-1.183	-1.204	0.021
50	A186B	-1.141	-1.142	0.001
50	A180B	-1.000	-1.002	0.002
50	A148B	-1.212	-1.218	0.006
50	A183B	-1.229	-1.243	0.014
50	A184B	-1.115	-1.119	0.004
50	A146B	-1.084	-1.088	0.004
50	A182B	-1.051	-1.057	0.006
50	A179UB	-0.981	-0.978	-0.003
50	A176UB	-1.191	-1.180	-0.011
50	A174UB	-1.103	-1.112	0.009
50	A172UB	-0.989	-0.987	-0.002
50	A171UB	-1.134	-1.148	0.014
50	C41UB	-1.147	-1.160	0.013
50	C42UB	-1.035	-1.025	-0.010
50	C43UB	-1.265	-1.283	0.018
50	C44UB	-1.099	-1.108	0.009
50	C46UB	-1.129	-1.132	0.003
50	C49UB	-1.230	-1.225	-0.005
50	C50UB	-1.070	-1.073	0.003
50	B44UB	-1.343	-1.343	0.000
50	B40UB	-1.102	-1.092	-0.010
50	B37UB	-1.147	-1.154	0.007
50	B32UB	-1.026	-1.024	-0.002
50	B26UB	-1.004	-1.019	0.015
50	B39UB	-1.092	-1.078	-0.014
50	B35UB	-0.909	-0.914	0.005
50	B80UB	-1.068	-1.064	-0.004
50	A178UB	-1.148	-1.133	-0.015
50	A173UB	-1.175	-1.174	-0.001
	Max	-0.909	-0.914	0.021
	Average	-1.123	-1.124	0.001
	Min	-1.410	-1.413	-0.021
	Std Dev	0.104	0.105	0.009

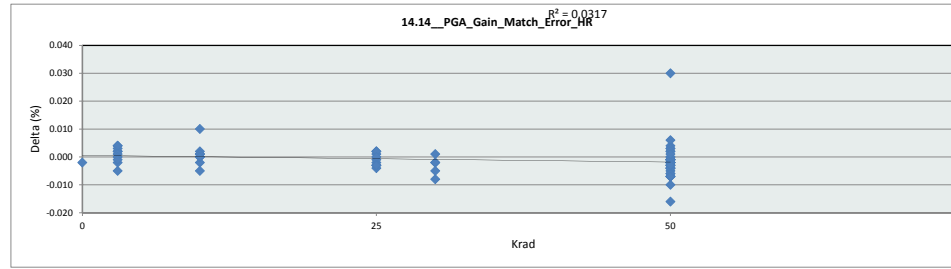


14.13_PGA_G64_Error_HR		
Test Site	CLAB	
Tester	Eagle3	
Test Number	EF651300	
Max Limit	2	%
Min Limit	-2	%

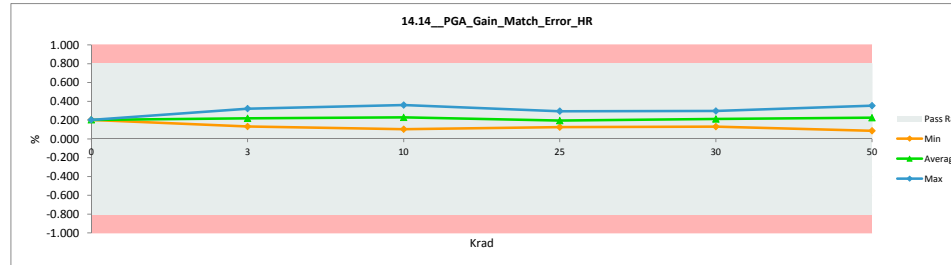
Krad	0	10	25	30	50
LL	-2.000	-2.000	-2.000	-2.000	-2.000
Min	-1.050	-1.275	-1.413	-1.322	-1.296
Average	-1.050	-1.101	-1.131	-1.136	-1.141
Max	-1.050	-0.945	-0.974	-0.943	-0.947
UL	2.000	2.000	2.000	2.000	2.000



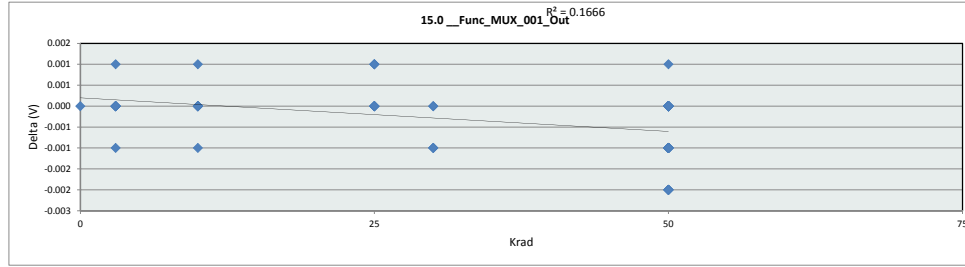
14.14_PGA_Gain_Match_Error				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	%	%		
Max Limit	0.8	0.8		
Min Limit	-0.8	-0.8		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.201	0.203	-0.002
3	B48B	0.197	0.195	0.002
3	B51B	0.317	0.322	-0.005
3	C60B	0.134	0.132	0.002
3	A162B	0.191	0.187	0.004
3	A165B	0.187	0.184	0.003
3	A155UB	0.273	0.275	-0.002
3	A154UB	0.246	0.242	0.004
3	66UB	0.171	0.170	0.001
3	69UB	0.298	0.298	0.000
3	C72UB	0.183	0.184	-0.001
10	B54B	0.359	0.361	-0.002
10	B56B	0.293	0.291	0.002
10	C61B	0.104	0.104	0.000
10	C62B	0.155	0.160	-0.005
10	A160B	0.193	0.183	0.010
10	B70UB	0.198	0.197	0.001
10	B72UB	0.205	0.205	0.000
10	C73UB	0.202	0.201	0.001
10	A145UB	0.303	0.302	0.001
10	A153UB	0.290	0.290	0.000
25	A158B	0.123	0.125	-0.002
25	B59B	0.296	0.295	0.001
25	B63B	0.238	0.236	0.002
25	C64B	0.178	0.176	0.002
25	C68B	0.209	0.212	-0.003
25	A152UB	0.156	0.157	-0.001
25	A150UB	0.256	0.260	-0.004
25	B1UB	0.217	0.220	-0.003
25	B4UB	0.139	0.139	0.000
25	C74UB	0.130	0.133	-0.003
30	AA155B	0.123	0.131	-0.008
30	BB59B	0.296	0.298	-0.002
30	BB63B	0.238	0.237	0.001
30	CC64B	0.178	0.180	-0.002
30	CC68B	0.209	0.214	-0.005
50	C32B	0.174	0.176	-0.002
50	C33B	0.184	0.185	-0.001
50	C34B	0.198	0.204	-0.006
50	C39B	0.317	0.319	-0.002
50	C78B	0.174	0.178	-0.004
50	C79B	0.249	0.254	-0.005
50	C80B	0.270	0.274	-0.004
50	B14B	0.190	0.191	-0.001
50	B15B	0.264	0.265	-0.001
50	B18B	0.183	0.186	-0.003
50	B10B	0.252	0.256	-0.004
50	B11B	0.344	0.354	-0.010
50	B13B	0.303	0.304	-0.001
50	B17B	0.227	0.234	-0.007
50	B185B	0.183	0.153	0.030
50	A186B	0.311	0.313	-0.002
50	A180B	0.254	0.261	-0.007
50	A148B	0.164	0.171	-0.007
50	A183B	0.193	0.209	-0.016
50	A184B	0.210	0.212	-0.002
50	A146B	0.232	0.234	-0.002
50	A182B	0.240	0.242	-0.002
50	A179UB	0.256	0.257	-0.001
50	A176UB	0.230	0.230	0.000
50	A174UB	0.213	0.217	-0.004
50	A172UB	0.270	0.276	-0.006
50	A171UB	0.224	0.226	-0.002
50	C41UB	0.086	0.086	0.000
50	C42UB	0.270	0.266	0.004
50	C43UB	0.194	0.195	-0.001
50	C44UB	0.267	0.270	-0.003
50	C46UB	0.136	0.137	-0.001
50	C49UB	0.181	0.175	0.006
50	C50UB	0.124	0.127	-0.003
50	B44UB	0.311	0.309	0.002
50	B40UB	0.227	0.228	-0.001
50	B37UB	0.105	0.106	-0.001
50	B32UB	0.216	0.223	-0.007
50	B26UB	0.222	0.219	0.003
50	B39UB	0.316	0.313	0.003
50	B35UB	0.241	0.243	-0.002
50	B80UB	0.153	0.156	-0.003
50	A178UB	0.266	0.264	0.002
50	A173UB	0.238	0.237	0.001
	Max	0.359	0.361	0.030
	Average	0.219	0.220	-0.001
	Min	0.086	0.086	-0.016
	Std Dev	0.060	0.061	0.005



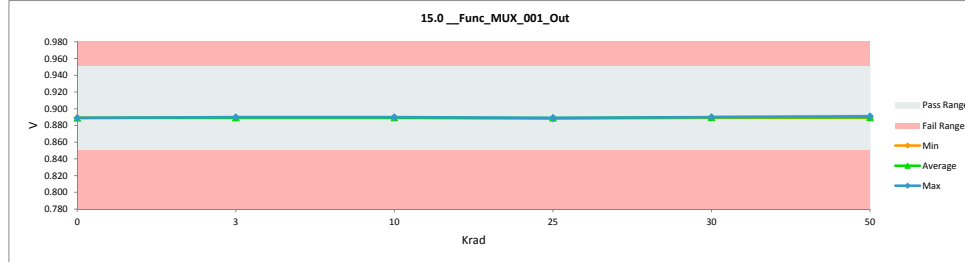
14.14_PGA_Gain_Match_Error						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.8	%				
Min Limit	-0.8	%				
Krad	0	3	10	25	30	50
LL	-0.800	-0.800	-0.800	-0.800	-0.800	-0.800
Min	0.203	0.132	0.104	0.125	0.131	0.086
Average	0.203	0.219	0.229	0.195	0.212	0.226
Max	0.203	0.322	0.361	0.295	0.298	0.354
UL	0.800	0.800	0.800	0.800	0.800	0.800



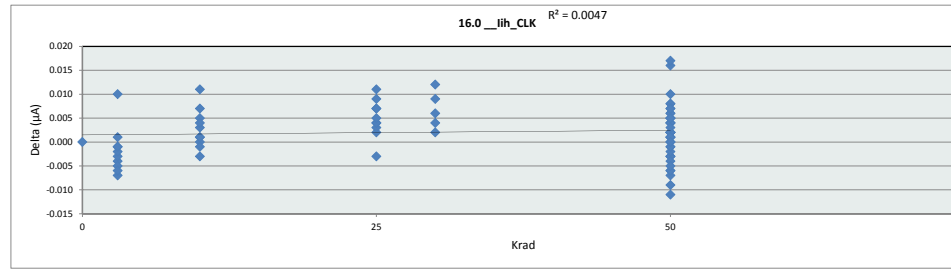
15.0 __Func_MUX_001_Out				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	V	V		
Max Limit	0.95	0.95		
Min Limit	0.85	0.85		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.889	0.889	0.000
3	B48B	0.890	0.889	0.001
3	B51B	0.889	0.889	0.000
3	C60B	0.890	0.890	0.000
3	A162B	0.889	0.889	0.000
3	A165B	0.889	0.889	0.000
3	A155UB	0.889	0.889	0.000
3	A154UB	0.890	0.890	0.000
3	66UB	0.889	0.890	-0.001
3	69UB	0.889	0.889	0.000
3	C72UB	0.889	0.889	0.000
10	B54B	0.889	0.889	0.000
10	B56B	0.889	0.889	0.000
10	C61B	0.890	0.890	0.000
10	C62B	0.890	0.890	0.000
10	A160B	0.889	0.889	0.000
10	B70UB	0.889	0.889	0.000
10	B72UB	0.889	0.889	0.000
10	C73UB	0.890	0.889	0.001
10	A145UB	0.889	0.890	-0.001
10	A153UB	0.889	0.889	0.000
25	A158B	0.889	0.889	0.000
25	B59B	0.889	0.889	0.000
25	B63B	0.889	0.889	0.000
25	C64B	0.890	0.889	0.001
25	C68B	0.889	0.888	0.001
25	A152UB	0.889	0.889	0.000
25	A150UB	0.889	0.889	0.000
25	B1UB	0.889	0.889	0.000
25	B4UB	0.889	0.889	0.000
25	C74UB	0.890	0.889	0.001
30	AA158B	0.889	0.890	-0.001
30	BB59B	0.889	0.890	-0.001
30	BB63B	0.889	0.890	-0.001
30	CC64B	0.890	0.890	0.000
30	CC68B	0.889	0.889	0.000
50	C32B	0.889	0.890	-0.001
50	C33B	0.890	0.890	0.000
50	C34B	0.890	0.890	0.000
50	C39B	0.889	0.890	-0.001
50	C78B	0.889	0.890	-0.001
50	C79B	0.889	0.890	-0.001
50	C80B	0.889	0.890	-0.001
50	B14B	0.889	0.890	-0.001
50	B15B	0.888	0.890	-0.002
50	B18B	0.889	0.891	-0.002
50	B10B	0.889	0.890	-0.001
50	B11B	0.889	0.891	-0.002
50	B13B	0.889	0.890	-0.001
50	B17B	0.889	0.890	-0.001
50	B185B	0.889	0.891	-0.002
50	A186B	0.889	0.890	-0.001
50	A180B	0.889	0.891	-0.002
50	A148B	0.889	0.890	-0.001
50	A183B	0.889	0.890	-0.001
50	A184B	0.889	0.890	-0.001
50	A146B	0.889	0.891	-0.002
50	A182B	0.889	0.891	-0.002
50	A179UB	0.890	0.890	0.000
50	A176UB	0.889	0.889	0.000
50	A174UB	0.889	0.890	-0.001
50	A172UB	0.890	0.890	0.000
50	A171UB	0.890	0.890	0.000
50	C41UB	0.889	0.889	0.000
50	C42UB	0.889	0.889	0.000
50	C43UB	0.889	0.889	0.000
50	C44UB	0.889	0.889	0.000
50	C46UB	0.889	0.889	0.000
50	C49UB	0.889	0.889	0.000
50	C50UB	0.890	0.890	0.000
50	B44UB	0.890	0.890	0.000
50	B40UB	0.889	0.889	0.000
50	B37UB	0.889	0.889	0.000
50	B32UB	0.889	0.889	0.000
50	B26UB	0.890	0.890	0.000
50	B39UB	0.890	0.889	0.001
50	B35UB	0.889	0.890	-0.001
50	B80UB	0.889	0.889	0.000
50	A178UB	0.889	0.889	0.000
50	A173UB	0.889	0.889	0.000
Max		0.891	0.891	0.001
Average		0.889	0.890	0.000
Min		0.888	0.888	-0.002
Std Dev		0.000	0.001	0.001



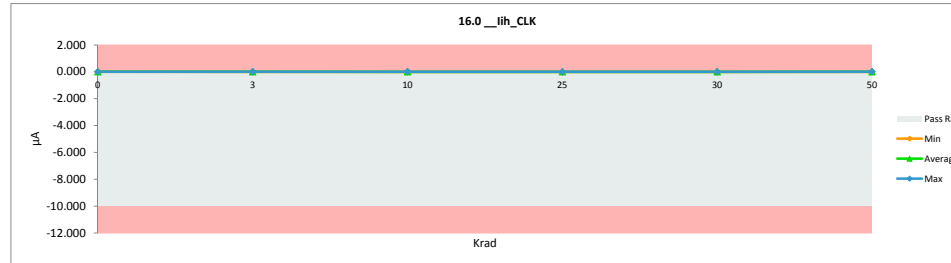
15.0 __Func_MUX_001_Out						
Test Site	CLAB	CLAB				
Tester	Eagle3	Eagle3				
Test Number	EF651300	EF651300				
Max Limit	0.95	V				
Min Limit	0.85	V				
Krad	0	3	10	25	30	50
LL	0.850	0.850	0.850	0.850	0.850	0.850
Min	0.889	0.889	0.889	0.888	0.889	0.889
Average	0.889	0.889	0.889	0.889	0.890	0.890
Max	0.889	0.890	0.890	0.889	0.890	0.891
UL	0.950	0.950	0.950	0.950	0.950	0.950



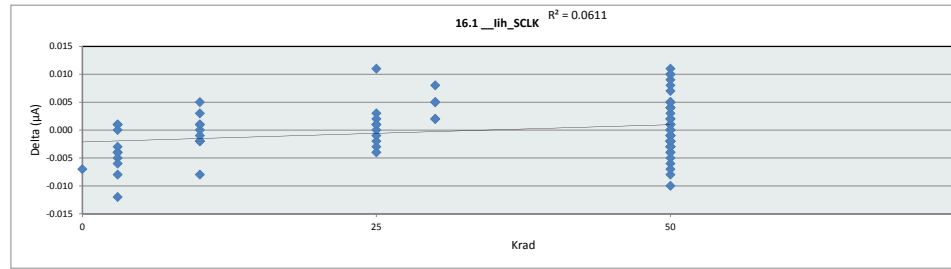
16.0 __Iih_CLK				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	0.00001	0.00001		
Min Limit	-10	-10		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.000	0.000
3	B48B	0.007	0.011	-0.004
3	B51B	0.002	0.007	-0.005
3	C60B	0.000	0.003	-0.003
3	A162B	-0.002	0.005	-0.007
3	A165B	0.003	0.004	-0.001
3	A155UB	0.000	0.002	-0.002
3	A154UB	0.002	0.001	0.001
3	66UB	0.001	0.002	-0.001
3	69UB	0.007	-0.003	0.010
3	C72UB	0.000	0.006	-0.006
10	B54B	0.006	-0.001	0.007
10	B56B	0.004	0.001	0.003
10	C61B	0.007	-0.004	0.011
10	C62B	0.000	-0.001	0.001
10	A160B	0.001	-0.004	0.005
10	B70UB	0.000	-0.004	0.004
10	B72UB	0.001	0.001	0.000
10	C73UB	-0.001	-0.002	0.001
10	A145UB	0.000	0.001	-0.001
10	A153UB	0.003	0.006	-0.003
25	A158B	0.004	-0.007	0.011
25	B59B	0.004	-0.005	0.009
25	B63B	0.004	-0.003	0.007
25	C64B	-0.002	-0.004	0.002
25	C68B	-0.001	-0.005	0.004
25	A152UB	0.001	0.004	-0.003
25	A150UB	-0.003	-0.006	0.003
25	B1UB	0.002	-0.005	0.007
25	B4UB	0.000	-0.004	0.004
25	C74UB	-0.001	-0.006	0.005
30	AA158B	0.004	-0.005	0.009
30	BB59B	0.004	-0.008	0.012
30	BB63B	0.004	0.000	0.004
30	CC64B	-0.002	-0.004	0.002
30	CC68B	-0.001	-0.007	0.006
50	C32B	-0.004	0.005	-0.009
50	C33B	-0.002	-0.006	0.004
50	C34B	-0.001	-0.003	0.002
50	C39B	-0.006	0.000	-0.006
50	C78B	-0.001	-0.002	0.001
50	C79B	-0.002	0.001	-0.003
50	C80B	-0.005	0.006	-0.011
50	B14B	0.002	0.000	0.002
50	B15B	0.002	-0.003	0.005
50	B18B	0.000	0.000	0.000
50	B10B	0.003	-0.005	0.008
50	B11B	0.002	0.001	0.001
50	B13B	0.001	0.008	-0.007
50	B17B	0.005	0.000	0.005
50	B185B	0.000	0.003	-0.003
50	A186B	0.005	-0.003	0.008
50	A180B	0.006	0.007	-0.001
50	A148B	0.010	0.000	0.010
50	A183B	0.000	0.006	-0.006
50	A184B	0.008	0.004	0.004
50	A146B	0.001	-0.003	0.004
50	A182B	0.009	0.003	0.006
50	A179UB	0.004	0.004	0.000
50	A176UB	0.011	-0.005	0.016
50	A174UB	0.002	-0.004	0.006
50	A172UB	0.006	-0.001	0.007
50	A171UB	0.003	0.001	0.002
50	C41UB	0.001	-0.001	0.002
50	C42UB	-0.002	-0.003	0.001
50	C43UB	-0.002	-0.004	0.002
50	C44UB	-0.001	-0.003	0.002
50	C46UB	-0.003	0.000	-0.003
50	C49UB	0.001	-0.003	0.004
50	C50UB	0.002	-0.003	0.005
50	B44UB	-0.004	0.000	-0.004
50	B40UB	0.005	-0.002	0.007
50	B37UB	-0.004	-0.002	-0.002
50	B32UB	-0.001	0.000	-0.001
50	B26UB	-0.001	-0.004	0.003
50	B39UB	-0.002	0.003	-0.005
50	B35UB	-0.002	-0.003	0.001
50	B80UB	-0.002	-0.002	0.000
50	A178UB	0.005	0.000	0.005
50	A173UB	0.012	-0.005	0.017
	Max	0.012	0.011	0.017
	Average	0.001	-0.001	0.002
	Min	-0.006	-0.008	-0.011
	Std Dev	0.004	0.004	0.005



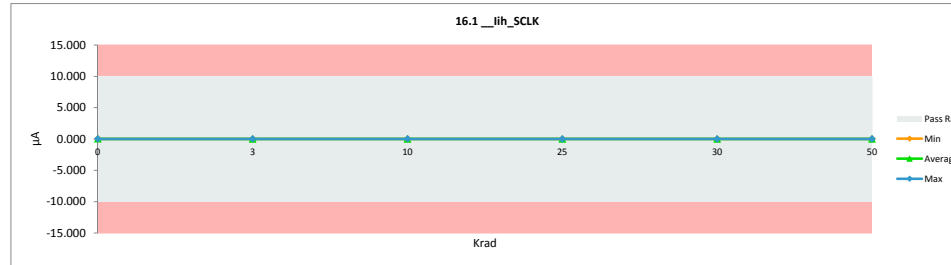
16.0 __Iih_CLK						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	0.00001	µA				
Min Limit	-10	µA				
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.000	-0.003	-0.004	-0.007	-0.008	-0.006
Average	0.000	0.004	-0.001	-0.004	-0.005	0.000
Max	0.000	0.011	0.006	0.004	0.000	0.008
UL	0.000	0.000	0.000	0.000	0.000	0.000



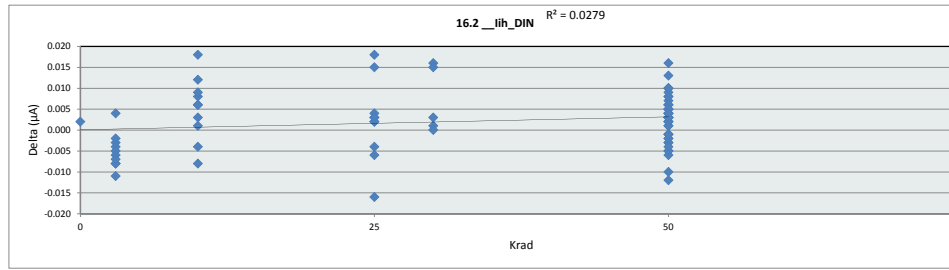
16.1 __Iih_SCLK				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	10	10		
Min Limit	-10	-10		
0	C24	0.000	0.007	-0.007
3	B48B	-0.002	0.002	-0.004
3	B51B	0.000	0.000	0.000
3	C60B	-0.010	0.002	-0.012
3	A162B	-0.001	0.004	-0.005
3	A165B	0.006	0.005	0.001
3	A155UB	0.003	0.006	-0.003
3	A154UB	-0.003	0.003	-0.006
3	66UB	0.002	0.001	0.001
3	69UB	0.002	0.006	-0.004
3	C72UB	-0.006	0.002	-0.008
10	B54B	-0.002	0.000	-0.002
10	B56B	0.000	-0.001	0.001
10	C61B	-0.001	0.000	-0.001
10	C62B	-0.004	0.004	-0.008
10	A160B	0.003	0.005	-0.002
10	B70UB	0.001	-0.004	0.005
10	B72UB	0.002	-0.001	0.003
10	C73UB	0.002	0.004	-0.002
10	A145UB	0.000	0.000	0.000
10	A153UB	-0.001	-0.002	0.001
25	A158B	-0.002	0.001	-0.003
25	B59B	0.002	-0.001	0.003
25	B63B	0.001	0.000	0.001
25	C64B	0.000	0.002	-0.002
25	C68B	-0.001	-0.001	0.000
25	A152UB	0.007	-0.004	0.011
25	A150UB	0.005	0.003	0.002
25	B1UB	0.002	0.003	-0.001
25	B4UB	0.002	0.001	0.001
25	C74UB	-0.003	0.002	-0.004
30	AA158B	-0.002	-0.004	0.002
30	BB59B	0.002	-0.006	0.008
30	BB63B	0.001	-0.004	0.005
30	CC64B	0.000	-0.005	0.005
30	CC68B	-0.001	-0.003	0.002
50	C32B	0.000	-0.002	0.002
50	C33B	0.000	-0.004	0.004
50	C34B	-0.004	-0.005	0.001
50	C39B	-0.002	0.000	-0.002
50	C78B	0.005	0.000	0.005
50	C79B	0.001	0.002	-0.001
50	C80B	0.002	0.001	0.001
50	B14B	0.005	0.000	0.005
50	B15B	0.006	-0.005	0.011
50	B18B	0.000	-0.008	0.008
50	B10B	0.004	-0.003	0.007
50	B11B	0.004	0.001	0.003
50	B13B	0.006	-0.004	0.010
50	B17B	0.002	0.002	0.000
50	B185B	0.001	-0.008	0.009
50	A186B	-0.001	-0.002	0.001
50	A180B	0.002	0.008	-0.006
50	A148B	0.006	-0.004	0.010
50	A183B	0.000	-0.002	0.002
50	A184B	0.001	0.002	-0.001
50	A146B	0.002	-0.002	0.004
50	A182B	-0.002	0.000	-0.002
50	A179UB	0.001	0.004	-0.003
50	A176UB	0.000	0.002	-0.002
50	A174UB	0.002	0.002	0.000
50	A172UB	-0.002	0.006	-0.008
50	A171UB	0.004	0.005	-0.001
50	C41UB	0.003	0.007	-0.004
50	C42UB	0.001	0.006	-0.005
50	C43UB	0.003	0.001	0.002
50	C44UB	0.000	0.002	-0.002
50	C46UB	-0.005	0.005	-0.010
50	C49UB	-0.004	-0.001	-0.003
50	C50UB	-0.002	0.002	-0.004
50	B44UB	0.006	0.009	-0.003
50	B40UB	0.008	0.009	-0.001
50	B37UB	0.001	0.003	-0.002
50	B32UB	0.003	-0.001	0.004
50	B26UB	0.003	0.006	-0.003
50	B39UB	0.006	0.001	0.005
50	B35UB	0.001	0.002	-0.001
50	B80UB	0.002	0.009	-0.007
50	A178UB	0.001	0.003	-0.002
50	A173UB	0.002	0.002	0.000
	Max	0.008	0.009	0.011
	Average	0.001	0.001	0.000
	Min	-0.010	-0.008	-0.012
	Std Dev	0.003	0.004	0.005



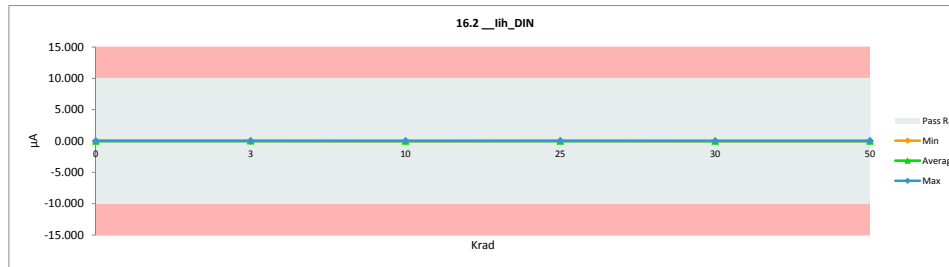
16.1 __Iih_SCLK						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	10	µA				
Min Limit	-10	µA				
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.007	0.001	-0.004	-0.004	-0.006	-0.008
Average	0.007	0.003	0.001	0.001	-0.004	0.001
Max	0.007	0.006	0.005	0.003	-0.003	0.009
UL	10.000	10.000	10.000	10.000	10.000	10.000



		16.2 __Iih_DIN		
Test Site		CLAB	CLAB	
Tester		Eagle3	Eagle3	
Test Number		EF651300	EF651300	
Unit		µA	µA	
Max Limit		10	10	
Min Limit		-10	-10	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	-0.002	0.002
3	B48B	0.001	0.004	-0.003
3	B51B	-0.002	0.006	-0.008
3	C60B	0.004	0.008	-0.004
3	A162B	-0.002	0.006	-0.008
3	A165B	-0.005	0.000	-0.005
3	A155UB	0.009	0.005	0.004
3	A154UB	-0.002	0.004	-0.006
3	66UB	0.000	0.002	-0.002
3	69UB	-0.003	0.008	-0.011
3	C72UB	-0.003	0.004	-0.007
10	B54B	0.007	-0.011	0.018
10	B56B	0.005	-0.001	0.006
10	C61B	0.006	0.003	0.003
10	C62B	0.005	-0.003	0.008
10	A160B	-0.001	-0.007	0.006
10	B70UB	0.002	0.001	0.001
10	B72UB	0.005	-0.004	0.009
10	C73UB	-0.004	0.000	-0.004
10	A145UB	0.000	0.008	-0.008
10	A153UB	0.003	-0.009	0.012
25	A158B	0.003	0.007	-0.004
25	B59B	0.009	0.005	0.004
25	B63B	0.017	0.002	0.015
25	C64B	0.003	0.001	0.002
25	C68B	-0.006	0.010	-0.016
25	A152UB	-0.002	-0.004	0.002
25	A150UB	0.000	-0.003	0.003
25	B1UB	0.003	0.009	-0.006
25	B4UB	0.003	0.000	0.003
25	C74UB	0.018	0.000	0.018
30	AA158B	0.003	0.000	0.003
30	BB59B	0.009	-0.007	0.016
30	BB63B	0.017	0.002	0.015
30	CC64B	0.003	0.002	0.001
30	CC68B	-0.006	-0.006	0.000
50	C32B	-0.002	0.001	-0.003
50	C33B	0.006	0.000	0.006
50	C34B	0.008	-0.008	0.016
50	C39B	0.003	0.008	-0.005
50	C78B	0.006	0.008	-0.002
50	C79B	0.011	0.009	0.002
50	C80B	0.009	0.002	0.007
50	B14B	0.007	0.004	0.003
50	B15B	0.003	-0.001	0.004
50	B18B	0.000	-0.006	0.006
50	B10B	-0.006	-0.003	-0.003
50	B11B	0.005	0.000	0.005
50	B13B	0.002	0.008	-0.006
50	B17B	0.003	0.002	0.001
50	B185B	0.000	-0.003	0.003
50	A186B	0.002	-0.006	0.008
50	A180B	0.002	0.003	-0.001
50	A148B	0.007	-0.003	0.010
50	A183B	0.003	0.005	-0.002
50	A184B	-0.002	0.003	-0.005
50	A146B	0.003	0.000	0.003
50	A182B	0.009	0.007	0.002
50	A179UB	0.002	-0.003	0.005
50	A176UB	0.004	-0.001	0.005
50	A174UB	0.001	0.000	0.001
50	A172UB	-0.002	-0.001	-0.001
50	A171UB	0.002	-0.001	0.003
50	C41UB	0.013	0.005	0.008
50	C42UB	0.000	-0.003	0.003
50	C43UB	0.002	0.003	-0.001
50	C44UB	0.004	-0.009	0.013
50	C46UB	0.002	0.000	0.002
50	C49UB	0.009	-0.001	0.010
50	C50UB	0.001	-0.003	0.004
50	B44UB	0.000	-0.006	0.006
50	B40UB	0.002	-0.003	0.005
50	B37UB	0.005	-0.004	0.009
50	B32UB	0.002	-0.002	0.004
50	B26UB	-0.009	0.001	-0.010
50	B39UB	0.004	0.001	0.003
50	B35UB	-0.001	0.003	-0.004
50	B80UB	0.005	-0.005	0.010
50	A178UB	-0.002	0.010	-0.012
50	A173UB	0.005	0.001	0.004
	Max	0.018	0.010	0.018
	Average	0.003	0.001	0.002
	Min	-0.009	-0.011	-0.016
	Std Dev	0.005	0.005	0.007

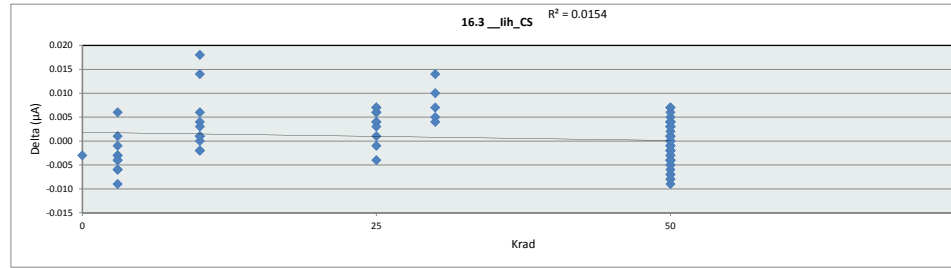


		16.2 __Iih_DIN					
Test Site		CLAB					
Tester		Eagle3					
Test Number		EF651300					
Max Limit		10	µA				
Min Limit		-10	µA				
Krad		0	3	10	25	30	50
LL		-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min		-0.002	0.002	-0.011	-0.004	-0.007	-0.009
Average		-0.002	0.005	-0.002	0.003	-0.002	0.000
Max		-0.002	0.008	0.008	0.010	0.002	0.010
UL		10.000	10.000	10.000	10.000	10.000	10.000



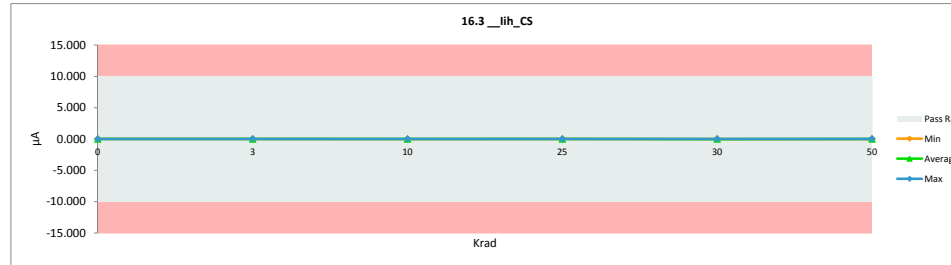
16.3 __Iih_CS			
Test Site	CLAB	CLAB	
Tester	Eagle3	Eagle3	
Test Number	EF651300	EF651300	
Unit	µA	µA	
Max Limit	10	10	
Min Limit	-10	-10	

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.003	-0.003
3	B48B	0.000	0.006	-0.006
3	B51B	0.000	0.003	-0.003
3	C60B	0.004	0.003	0.001
3	A162B	-0.001	0.002	-0.003
3	A165B	0.002	0.006	-0.004
3	A155UB	0.003	0.004	-0.001
3	A154UB	-0.001	0.005	-0.006
3	66UB	0.000	0.004	-0.004
3	69UB	-0.003	0.006	-0.009
3	C72UB	0.009	0.003	0.006
10	B54B	-0.001	0.001	-0.002
10	B56B	0.001	0.001	0.000
10	C61B	0.011	-0.007	0.018
10	C62B	0.009	-0.005	0.014
10	A160B	0.000	0.002	-0.002
10	B70UB	-0.001	-0.002	0.001
10	B72UB	0.003	0.000	0.003
10	C73UB	0.005	-0.001	0.006
10	A145UB	0.000	-0.004	0.004
10	A153UB	0.003	0.002	0.001
25	A158B	0.000	0.001	-0.001
25	B59B	0.004	0.000	0.004
25	B63B	-0.001	0.003	-0.004
25	C64B	0.006	0.002	0.004
25	C68B	0.004	-0.002	0.006
25	A152UB	0.001	0.000	0.001
25	A150UB	0.006	-0.001	0.007
25	B1UB	0.006	0.000	0.006
25	B4UB	0.003	0.000	0.003
25	C74UB	0.011	0.004	0.007
30	AA158B	0.000	-0.005	0.005
30	BB59B	0.004	-0.006	0.010
30	BB63B	-0.001	-0.008	0.007
30	CC64B	0.006	-0.008	0.014
30	CC68B	0.004	0.000	0.004
50	C32B	0.005	-0.002	0.007
50	C33B	0.001	0.000	0.001
50	C34B	0.004	-0.001	0.005
50	C39B	0.003	0.002	0.001
50	C78B	0.001	0.002	-0.001
50	C79B	0.005	0.002	0.003
50	C80B	0.006	0.003	0.003
50	B14B	-0.001	0.003	-0.004
50	B15B	0.003	-0.003	0.006
50	B18B	0.000	-0.007	0.007
50	B10B	0.002	-0.002	0.004
50	B11B	0.003	0.002	0.001
50	B13B	0.002	0.004	-0.002
50	B17B	0.000	-0.004	0.004
50	B185B	0.000	-0.002	0.002
50	A186B	0.000	-0.003	0.003
50	A180B	0.007	0.003	0.004
50	A148B	0.002	-0.002	0.004
50	A183B	-0.002	0.004	-0.006
50	A184B	0.000	0.002	-0.002
50	A146B	0.000	-0.003	0.003
50	A182B	0.000	0.007	-0.007
50	A179UB	-0.002	0.003	-0.005
50	A176UB	-0.002	0.003	-0.005
50	A174UB	0.000	0.008	-0.008
50	A172UB	0.001	0.003	-0.002
50	A171UB	0.002	0.004	-0.002
50	C41UB	0.000	0.007	-0.007
50	C42UB	0.004	0.004	0.000
50	C43UB	0.005	0.001	0.004
50	C44UB	0.005	0.008	-0.003
50	C46UB	0.004	0.007	-0.003
50	C49UB	0.006	0.007	-0.001
50	C50UB	0.006	0.006	0.000
50	B44UB	0.002	0.006	-0.004
50	B40UB	0.001	0.003	-0.002
50	B37UB	-0.002	0.007	-0.009
50	B32UB	0.003	0.004	-0.001
50	B26UB	0.001	0.005	-0.004
50	B39UB	-0.003	0.001	-0.004
50	B35UB	-0.001	0.003	-0.004
50	B80UB	0.002	0.002	0.000
50	A178UB	-0.001	0.007	-0.008
50	A173UB	0.006	0.005	0.001
	Max	0.011	0.008	0.018
	Average	0.002	0.002	0.001
	Min	-0.003	-0.008	-0.009
	Std Dev	0.003	0.004	0.005

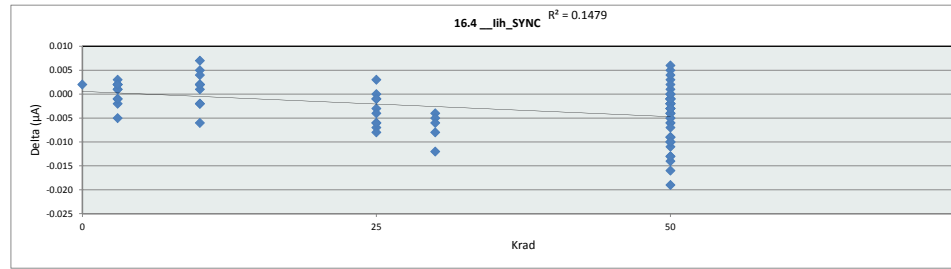


16.3 __Iih_CS			
Test Site	CLAB		
Tester	Eagle3		
Test Number	EF651300		
Max Limit	10	µA	
Min Limit	-10	µA	

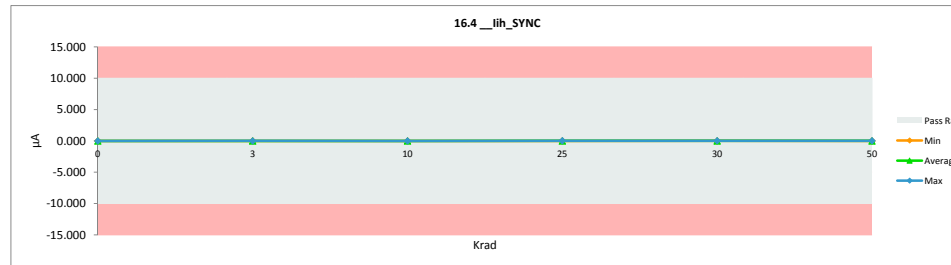
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.003	0.002	-0.007	-0.002	-0.008	-0.007
Average	0.003	0.004	-0.001	0.001	-0.005	0.002
Max	0.003	0.006	0.002	0.004	0.000	0.008
UL	10.000	10.000	10.000	10.000	10.000	10.000



16.4 __Iih_SYNC				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	10	10		
Min Limit	-10	-10		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	-0.002	0.002
3	B48B	0.002	0.004	-0.002
3	B51B	-0.001	-0.004	0.003
3	C60B	-0.006	-0.001	-0.005
3	A162B	-0.001	-0.002	0.001
3	A165B	-0.004	-0.003	-0.001
3	A155UB	0.001	0.000	0.001
3	A154UB	-0.002	-0.001	-0.001
3	66UB	0.000	-0.002	0.002
3	69UB	-0.003	-0.005	0.002
3	C72UB	-0.002	-0.004	0.002
10	B54B	-0.002	-0.004	0.002
10	B56B	-0.003	-0.001	-0.002
10	C61B	-0.005	-0.003	-0.002
10	C62B	-0.003	-0.005	0.002
10	A160B	-0.002	-0.007	0.005
10	B70UB	-0.004	-0.005	0.001
10	B72UB	-0.002	-0.009	0.007
10	C73UB	-0.011	-0.005	-0.006
10	A145UB	0.000	-0.004	0.004
10	A153UB	0.000	-0.002	0.002
25	A158B	0.000	0.006	-0.006
25	B59B	-0.004	-0.001	-0.003
25	B63B	-0.003	-0.003	0.000
25	C64B	-0.006	0.001	-0.007
25	C68B	-0.003	0.001	-0.004
25	A152UB	0.003	0.000	0.003
25	A150UB	-0.001	0.000	-0.001
25	B1UB	-0.001	0.000	-0.001
25	B4UB	-0.004	-0.002	-0.006
25	C74UB	-0.009	-0.001	-0.008
30	AA150B	0.000	0.004	-0.004
30	BB59B	-0.004	0.008	-0.012
30	BB63B	-0.003	0.002	-0.005
30	CC64B	-0.006	0.002	-0.008
30	CC68B	-0.003	0.003	-0.006
50	C32B	-0.011	0.005	-0.016
50	C33B	-0.005	0.001	-0.006
50	C34B	-0.005	0.004	-0.009
50	C39B	-0.007	0.006	-0.013
50	C78B	-0.008	0.006	-0.014
50	C79B	-0.007	0.003	-0.010
50	C80B	-0.008	0.005	-0.013
50	B14B	0.001	0.005	-0.004
50	B15B	-0.010	0.009	-0.019
50	B18B	0.000	0.000	0.000
50	B10B	-0.003	0.001	-0.004
50	B11B	-0.004	0.005	-0.009
50	B13B	0.001	0.010	-0.009
50	B17B	-0.002	0.004	-0.006
50	B185B	-0.003	0.008	-0.011
50	A186B	0.001	0.003	-0.002
50	A180B	-0.001	0.002	-0.003
50	A148B	-0.002	-0.005	0.003
50	A183B	0.002	0.003	-0.001
50	A184B	0.000	0.002	-0.002
50	A146B	0.000	0.002	-0.002
50	A182B	-0.001	0.000	-0.001
50	A179UB	-0.002	-0.003	0.001
50	A176UB	0.003	-0.002	0.005
50	A174UB	0.002	0.000	0.002
50	A172UB	-0.004	-0.003	-0.001
50	A171UB	-0.002	-0.008	0.006
50	C41UB	-0.007	-0.005	-0.002
50	C42UB	-0.008	0.002	-0.010
50	C43UB	-0.004	0.001	-0.005
50	C44UB	-0.013	-0.003	-0.010
50	C46UB	-0.008	-0.006	-0.002
50	C49UB	-0.006	-0.003	-0.003
50	C50UB	-0.006	-0.002	-0.004
50	B44UB	-0.004	-0.003	-0.001
50	B40UB	-0.004	0.001	-0.005
50	B37UB	-0.005	-0.004	-0.001
50	B32UB	-0.007	-0.004	-0.003
50	B26UB	-0.001	-0.001	0.000
50	B39UB	-0.006	0.001	-0.007
50	B35UB	-0.006	-0.003	-0.003
50	B80UB	-0.007	-0.006	-0.001
50	A178UB	-0.004	-0.004	0.000
50	A173UB	-0.001	-0.005	0.004
	Max	0.003	0.010	0.007
	Average	-0.003	0.000	-0.003
	Min	-0.013	-0.009	-0.019
	Std Dev	0.003	0.004	0.005

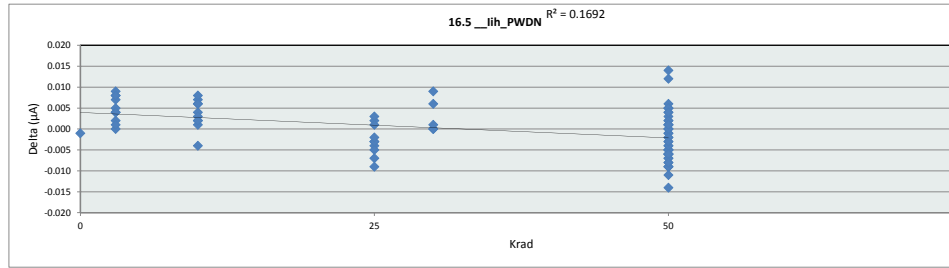


16.4 __Iih_SYNC						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	10	µA				
Min Limit	-10	µA				
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.002	-0.005	-0.009	-0.003	0.002	-0.008
Average	-0.002	-0.002	-0.005	0.001	0.004	0.000
Max	-0.002	0.004	-0.001	0.006	0.008	0.010
UL	10.000	10.000	10.000	10.000	10.000	10.000



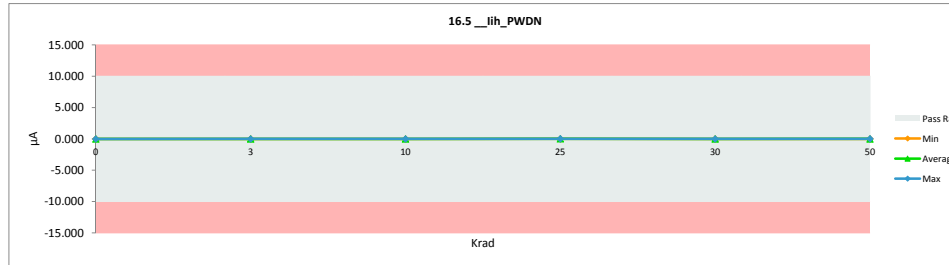
16.5 __1lh_PWDN			
Test Site	CLAB		CLAB
Tester	Eagle3		Eagle3
Test Number	EF651300		EF651300
Unit	µA	µA	
Max Limit	10	10	
Min Limit	-10	-10	

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.001	-0.001
3	B48B	0.005	0.000	0.005
3	B51B	0.005	-0.003	0.008
3	C60B	0.000	0.000	0.000
3	A162B	0.006	0.004	0.002
3	A165B	0.007	-0.002	0.009
3	A155UB	0.006	0.002	0.004
3	A154UB	0.001	0.000	0.001
3	66UB	0.006	-0.001	0.007
3	69UB	0.007	-0.001	0.008
3	C72UB	-0.002	-0.006	0.004
10	B54B	0.002	-0.002	0.004
10	B56B	0.002	0.000	0.002
10	C61B	0.000	0.004	-0.004
10	C62B	0.002	-0.005	0.007
10	A160B	0.004	-0.002	0.006
10	B70UB	0.007	-0.001	0.008
10	B72UB	0.005	-0.001	0.006
10	C73UB	-0.001	-0.004	0.003
10	A145UB	0.000	-0.001	0.001
10	A153UB	0.002	0.000	0.002
25	A158B	0.003	0.007	-0.004
25	B59B	0.008	0.006	0.002
25	B63B	0.003	0.006	-0.003
25	C64B	-0.001	0.008	-0.009
25	C68B	0.003	0.000	0.003
25	A152UB	0.002	0.007	-0.005
25	A150UB	0.007	0.006	0.001
25	B1UB	0.001	0.008	-0.007
25	B4UB	0.004	0.007	-0.003
25	C74UB	0.001	0.003	-0.002
30	AA156B	0.003	0.003	0.000
30	BB59B	0.008	0.002	0.006
30	BB63B	0.003	-0.006	0.009
30	CC64B	-0.001	-0.001	0.000
30	CC68B	0.003	0.002	0.001
50	C32B	-0.005	0.000	-0.005
50	C33B	-0.006	-0.002	-0.004
50	C34B	-0.004	0.001	-0.005
50	C39B	-0.001	0.000	-0.001
50	C78B	0.002	-0.001	0.003
50	C79B	-0.003	0.002	-0.005
50	C80B	-0.001	-0.001	0.000
50	B14B	0.001	-0.004	0.005
50	B15B	0.011	-0.001	0.012
50	B18B	0.000	-0.002	0.002
50	B10B	0.010	-0.004	0.014
50	B11B	0.004	0.003	0.001
50	B13B	0.006	0.004	0.002
50	B17B	0.004	0.004	0.000
50	B185B	0.008	0.002	0.006
50	A186B	0.005	0.001	0.004
50	A180B	0.004	-0.001	0.005
50	A148B	0.004	-0.001	0.005
50	A183B	0.007	0.006	0.001
50	A184B	0.004	0.000	0.004
50	A146B	0.001	0.000	0.001
50	A182B	0.004	0.005	-0.001
50	A179UB	0.003	0.005	-0.002
50	A176UB	0.001	0.007	-0.006
50	A174UB	0.004	0.006	-0.002
50	A172UB	0.003	0.006	-0.003
50	A171UB	0.000	0.006	-0.006
50	C41UB	-0.005	0.006	-0.011
50	C42UB	-0.005	0.002	-0.007
50	C43UB	-0.006	0.008	-0.014
50	C44UB	-0.003	0.004	-0.007
50	C46UB	-0.003	0.006	-0.009
50	C49UB	-0.001	0.004	-0.005
50	C50UB	-0.003	0.003	-0.006
50	B44UB	0.001	0.007	-0.006
50	B40UB	-0.003	0.006	-0.009
50	B37UB	-0.003	0.006	-0.009
50	B32UB	0.000	0.006	-0.006
50	B26UB	0.001	0.001	0.000
50	B39UB	-0.001	0.007	-0.008
50	B35UB	-0.005	-0.001	-0.004
50	B80UB	-0.005	0.003	-0.008
50	A178UB	0.006	0.005	0.001
50	A173UB	0.002	0.005	-0.003
	Max	0.011	0.008	0.014
	Average	0.002	0.002	0.000
	Min	-0.006	-0.006	-0.014
	Std Dev	0.004	0.004	0.006

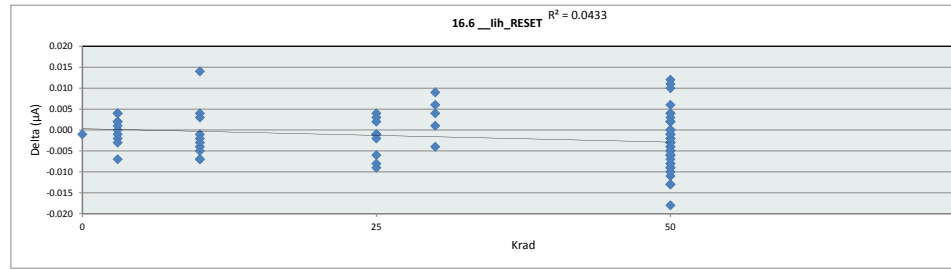


16.5 __1lh_PWDN			
Test Site	CLAB		CLAB
Tester	Eagle3		Eagle3
Test Number	EF651300		EF651300
Max Limit	10	µA	
Min Limit	-10	µA	

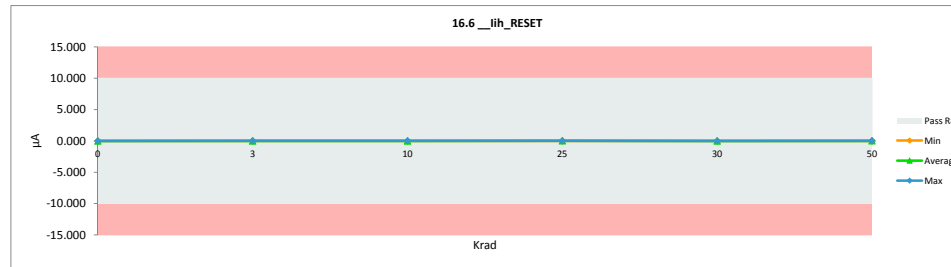
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.001	-0.006	-0.005	0.003	-0.006	-0.004
Average	0.001	-0.001	-0.001	0.006	0.000	0.003
Max	0.001	0.004	0.004	0.008	0.003	0.008
UL	10.000	10.000	10.000	10.000	10.000	10.000



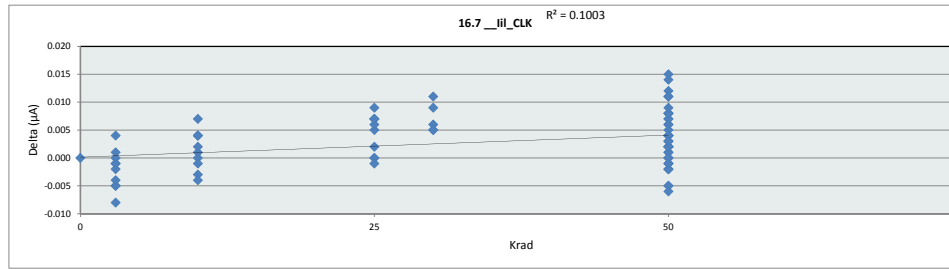
16.6 __1lh_RESET				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	10	10		
Min Limit	-10	-10		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.001	-0.001
3	B48B	0.002	0.004	-0.002
3	B51B	0.003	-0.001	0.004
3	C60B	0.000	0.001	-0.001
3	A162B	0.003	0.002	0.001
3	A165B	0.003	-0.001	0.004
3	A155UB	0.000	0.007	-0.007
3	A154UB	0.001	-0.001	0.002
3	66UB	0.004	0.007	-0.003
3	69UB	0.003	0.001	0.002
3	C72UB	0.001	0.001	0.000
10	B54B	0.000	0.001	-0.001
10	B56B	0.005	0.001	0.004
10	C61B	0.003	0.007	-0.004
10	C62B	0.000	0.002	-0.002
10	A160B	0.001	0.004	-0.003
10	B70UB	0.004	-0.010	0.014
10	B72UB	0.006	0.003	0.003
10	C73UB	-0.003	0.002	-0.005
10	A145UB	0.000	0.007	-0.007
10	A153UB	0.005	0.012	-0.007
25	A158B	0.010	0.006	0.004
25	B59B	0.004	0.002	0.002
25	B63B	0.003	0.004	-0.001
25	C64B	0.003	0.004	-0.001
25	C68B	0.000	0.001	-0.001
25	A152UB	0.002	0.008	-0.006
25	A150UB	0.006	0.003	0.003
25	B1UB	0.005	0.013	-0.008
25	B4UB	0.002	0.004	-0.002
25	C74UB	0.001	0.010	-0.009
30	AA158B	0.010	0.001	0.009
30	BB59B	0.004	0.003	0.001
30	BB63B	0.003	-0.003	0.006
30	CC64B	0.003	-0.001	0.004
30	CC68B	0.000	0.004	-0.004
50	C32B	0.011	0.001	0.010
50	C33B	0.008	0.004	0.004
50	C34B	-0.004	0.004	-0.008
50	C39B	0.009	0.014	-0.005
50	C78B	0.008	0.005	0.003
50	C79B	0.013	0.001	0.012
50	C80B	-0.001	0.004	-0.005
50	B14B	-0.001	0.001	-0.002
50	B15B	0.007	0.001	0.006
50	B18B	0.000	0.002	-0.002
50	B10B	0.003	0.007	-0.004
50	B11B	0.004	0.002	0.002
50	B13B	0.003	0.003	0.000
50	B17B	0.002	0.006	-0.004
50	B185B	-0.002	0.007	-0.009
50	A186B	0.004	0.007	-0.003
50	A180B	-0.001	0.000	-0.001
50	A148B	0.000	0.002	-0.002
50	A183B	-0.003	0.008	-0.011
50	A184B	0.001	0.007	-0.006
50	A146B	0.007	0.003	0.004
50	A182B	0.003	0.006	-0.003
50	A179UB	0.011	0.000	0.011
50	A176UB	0.005	0.003	0.002
50	A174UB	0.000	0.006	-0.006
50	A172UB	0.002	0.005	-0.003
50	A171UB	0.006	0.004	0.002
50	C41UB	-0.003	0.010	-0.013
50	C42UB	0.002	0.002	0.000
50	C43UB	-0.001	0.008	-0.009
50	C44UB	0.000	0.001	-0.001
50	C46UB	0.000	0.007	-0.007
50	C49UB	-0.004	0.014	-0.018
50	C50UB	-0.004	0.009	-0.013
50	B44UB	-0.001	0.009	-0.010
50	B40UB	0.002	0.007	-0.005
50	B37UB	-0.001	0.008	-0.009
50	B32UB	0.003	0.009	-0.006
50	B26UB	0.002	0.003	-0.001
50	B39UB	-0.001	0.005	-0.006
50	B35UB	-0.005	0.005	-0.010
50	B80UB	0.007	0.010	-0.003
50	A178UB	0.004	0.012	-0.008
50	A173UB	0.001	0.001	0.000
	Max	0.013	0.014	0.014
	Average	0.002	0.004	-0.002
	Min	-0.005	-0.010	-0.018
	Std Dev	0.004	0.004	0.006



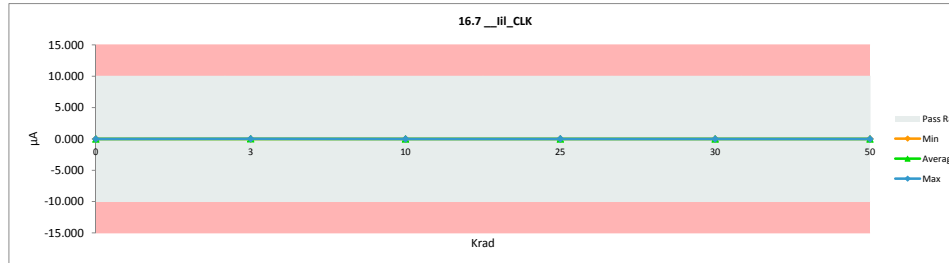
16.6 __1lh_RESET						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	10	µA				
Min Limit	-10	µA				
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.001	-0.001	-0.010	0.001	-0.003	0.001
Average	0.001	0.002	0.003	0.006	0.001	0.005
Max	0.001	0.007	0.012	0.013	0.004	0.014
UL	10.000	10.000	10.000	10.000	10.000	10.000



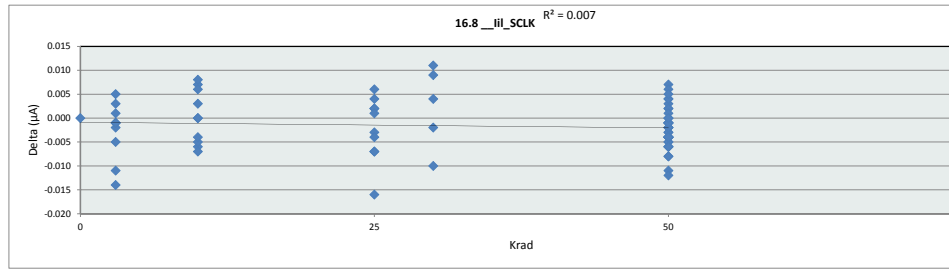
16.7 __Iii_CLK				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	10	10		
Min Limit	-10	-10		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.000	0.000
3	B48B	0.004	0.009	-0.005
3	B51B	0.009	0.008	0.001
3	C60B	0.000	0.005	-0.005
3	A162B	0.002	0.003	-0.001
3	A165B	0.007	0.003	0.004
3	A155UB	0.004	0.006	-0.002
3	A154UB	0.002	0.006	-0.004
3	66UB	0.002	0.002	0.000
3	69UB	0.003	0.004	-0.001
3	C72UB	-0.002	0.006	-0.008
10	B54B	0.004	0.000	0.004
10	B56B	0.006	0.002	0.004
10	C61B	0.003	0.002	0.001
10	C62B	-0.004	-0.001	-0.003
10	A160B	0.003	0.003	0.000
10	B70UB	0.004	0.000	0.004
10	B72UB	0.007	0.000	0.007
10	C73UB	0.000	-0.002	0.002
10	A145UB	0.000	0.004	-0.004
10	A153UB	0.003	0.004	-0.001
25	A158B	0.001	-0.001	0.002
25	B59B	0.005	0.005	0.000
25	B63B	0.002	-0.007	0.009
25	C64B	0.001	-0.004	0.005
25	C68B	0.002	-0.005	0.007
25	A152UB	0.001	0.001	0.000
25	A150UB	0.004	-0.002	0.006
25	B1UB	-0.003	-0.002	-0.001
25	B4UB	0.002	-0.005	0.007
25	C74UB	0.002	-0.005	0.007
30	AA158B	0.001	-0.004	0.005
30	BB59B	0.005	-0.006	0.011
30	BB63B	0.002	-0.007	0.009
30	CC64B	0.001	-0.005	0.006
30	CC68B	0.002	-0.003	0.005
50	C32B	-0.002	0.003	-0.005
50	C33B	0.001	0.001	0.000
50	C34B	0.004	-0.004	0.008
50	C39B	-0.001	0.001	-0.002
50	C78B	0.001	0.003	-0.002
50	C79B	0.001	0.002	-0.001
50	C80B	0.001	0.001	0.000
50	B14B	0.003	-0.005	0.008
50	B15B	-0.002	-0.003	0.001
50	B18B	0.000	0.001	-0.001
50	B10B	0.003	-0.003	0.006
50	B11B	-0.001	0.004	-0.005
50	B13B	0.004	0.001	0.003
50	B17B	0.001	-0.003	0.004
50	B185B	0.003	-0.001	0.004
50	A186B	0.004	0.002	0.002
50	A180B	0.004	0.002	0.002
50	A148B	0.003	-0.004	0.007
50	A183B	0.005	0.003	0.002
50	A184B	0.010	0.003	0.007
50	A146B	0.003	0.001	0.002
50	A182B	0.004	0.000	0.004
50	A179UB	0.008	-0.003	0.011
50	A176UB	0.010	-0.002	0.012
50	A174UB	0.007	-0.007	0.014
50	A172UB	0.007	0.001	0.006
50	A171UB	0.011	-0.004	0.015
50	C41UB	0.000	-0.001	0.001
50	C42UB	0.003	0.001	0.002
50	C43UB	0.000	-0.002	0.002
50	C44UB	0.003	-0.005	0.008
50	C46UB	-0.002	0.004	-0.006
50	C49UB	0.003	-0.001	0.004
50	C50UB	0.009	-0.002	0.011
50	B44UB	0.005	0.000	0.005
50	B40UB	0.002	-0.001	0.003
50	B37UB	0.002	-0.006	0.008
50	B32UB	-0.001	-0.005	0.004
50	B26UB	0.000	0.002	-0.002
50	B39UB	0.000	-0.004	0.004
50	B35UB	0.002	0.003	-0.001
50	B80UB	0.000	0.000	0.000
50	A178UB	0.002	-0.001	0.003
50	A173UB	0.008	-0.001	0.009
	Max	0.011	0.009	0.015
	Average	0.003	0.000	0.003
	Min	-0.004	-0.007	-0.008
	Std Dev	0.003	0.004	0.005



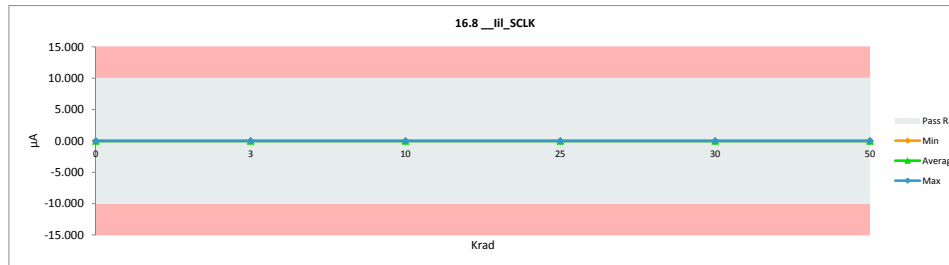
16.7 __Iii_CLK						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	10	µA				
Min Limit	-10	µA				
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.000	0.002	-0.002	-0.007	-0.007	-0.007
Average	0.000	0.005	0.001	-0.003	-0.005	-0.001
Max	0.000	0.009	0.004	0.005	-0.003	0.004
UL	10.000	10.000	10.000	10.000	10.000	10.000



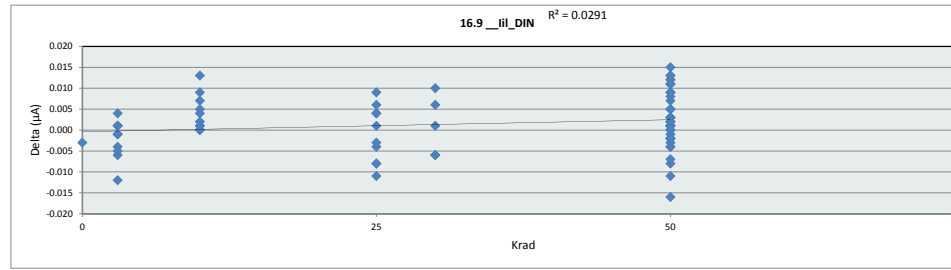
16.8 __IIL_SCLK				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	10	10		
Min Limit	-10	-10		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.000	0.000
3	B48B	0.002	-0.001	0.003
3	B51B	-0.007	-0.006	-0.001
3	C60B	-0.004	0.001	-0.005
3	A162B	0.002	0.003	-0.001
3	A165B	0.000	0.002	-0.002
3	A155UB	0.000	-0.001	0.001
3	A154UB	-0.007	0.007	-0.014
3	66UB	0.005	0.000	0.005
3	69UB	-0.001	0.000	-0.001
3	C72UB	-0.010	0.001	-0.011
10	B54B	0.001	-0.006	0.007
10	B56B	-0.003	0.003	-0.006
10	C61B	-0.007	-0.002	-0.005
10	C62B	0.001	0.001	0.000
10	A160B	0.001	0.001	0.000
10	B70UB	-0.001	0.003	-0.004
10	B72UB	0.004	-0.004	0.008
10	C73UB	-0.006	0.001	-0.007
10	A145UB	0.000	-0.003	0.003
10	A153UB	0.001	-0.005	0.006
25	A158B	0.001	-0.001	0.002
25	B59B	0.001	-0.003	0.004
25	B63B	0.003	0.001	0.002
25	C64B	-0.014	0.002	-0.016
25	C68B	-0.002	0.001	-0.003
25	A152UB	-0.003	0.001	-0.004
25	A150UB	0.001	0.000	0.001
25	B1UB	-0.006	0.001	-0.007
25	B4UB	0.002	-0.004	0.006
25	C74UB	-0.006	0.001	-0.007
30	AA158B	0.001	-0.010	0.011
30	BB59B	0.001	-0.003	0.004
30	BB63B	0.003	-0.006	0.009
30	CC64B	-0.014	-0.004	-0.010
30	CC68B	-0.002	0.000	-0.002
50	C32B	-0.005	-0.001	-0.004
50	C33B	-0.004	0.000	-0.004
50	C34B	0.000	-0.002	0.002
50	C39B	-0.003	0.002	-0.005
50	C78B	0.002	0.007	-0.005
50	C79B	-0.001	-0.001	0.000
50	C80B	-0.001	0.003	-0.004
50	B14B	0.000	0.001	-0.001
50	B15B	0.002	0.002	0.000
50	B18B	0.000	0.001	-0.001
50	B10B	-0.001	0.001	-0.002
50	B11B	0.003	0.005	-0.002
50	B13B	0.005	0.001	0.004
50	B17B	0.001	0.005	-0.004
50	B185B	0.003	-0.004	0.007
50	A186B	0.000	0.004	-0.004
50	A180B	0.001	0.004	-0.003
50	A148B	-0.001	-0.004	0.003
50	A183B	-0.007	0.001	-0.008
50	A184B	0.000	0.008	-0.008
50	A146B	-0.002	0.002	-0.004
50	A182B	-0.002	0.004	-0.006
50	A179UB	-0.001	0.000	-0.001
50	A176UB	-0.002	0.001	-0.003
50	A174UB	0.002	0.006	-0.004
50	A172UB	0.001	0.005	-0.004
50	A171UB	-0.001	0.003	-0.004
50	C41UB	0.001	0.003	-0.002
50	C42UB	-0.004	0.007	-0.011
50	C43UB	-0.001	0.001	-0.002
50	C44UB	-0.001	0.005	-0.006
50	C46UB	-0.002	-0.004	0.002
50	C49UB	-0.002	-0.001	-0.001
50	C50UB	-0.008	0.004	-0.012
50	B44UB	0.000	0.006	-0.006
50	B40UB	0.001	0.007	-0.006
50	B37UB	-0.001	0.000	-0.001
50	B32UB	0.002	0.001	0.001
50	B26UB	-0.002	0.002	-0.004
50	B39UB	0.002	-0.004	0.006
50	B35UB	0.000	-0.004	0.004
50	B80UB	0.000	0.001	-0.001
50	A178UB	0.001	-0.004	0.005
50	A173UB	0.000	0.000	0.000
	Max	0.005	0.008	0.011
	Average	-0.001	0.001	-0.002
	Min	-0.014	-0.010	-0.016
	Std Dev	0.004	0.004	0.005



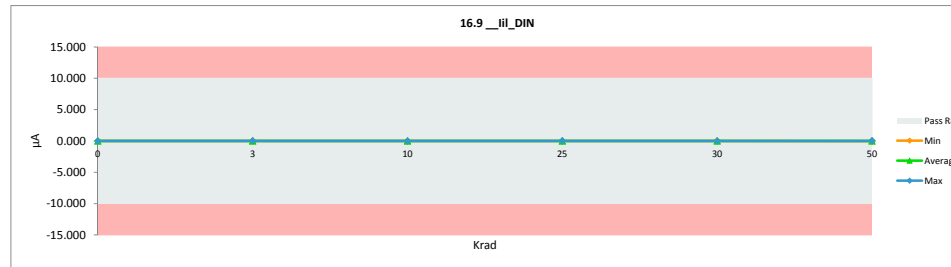
16.8 __IIL_SCLK						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	10	µA				
Min Limit	-10	µA				
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.000	-0.006	-0.006	-0.004	-0.010	-0.004
Average	0.000	0.001	-0.001	0.000	-0.005	0.002
Max	0.000	0.007	0.003	0.002	0.000	0.008
UL	10.000	10.000	10.000	10.000	10.000	10.000



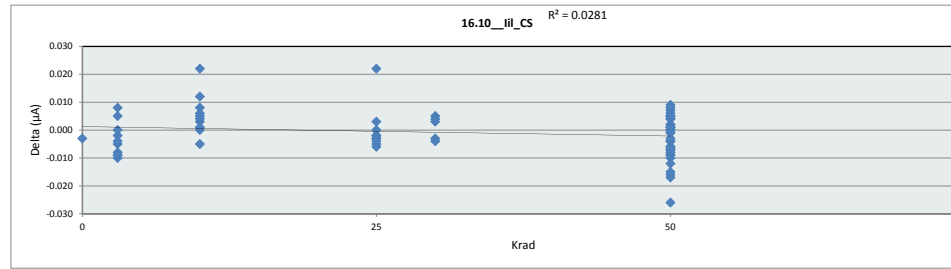
		16.9 __Iii_DIN		
Test Site		CLAB	CLAB	
Tester		Eagle3	Eagle3	
Test Number		EF651300	EF651300	
Unit		µA	µA	
Max Limit		10	10	
Min Limit		-10	-10	
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.003	-0.003
3	B48B	-0.001	-0.002	0.001
3	B51B	0.006	0.002	0.004
3	C60B	0.008	0.007	0.001
3	A162B	-0.006	0.006	-0.012
3	A165B	-0.003	-0.002	-0.001
3	A155UB	0.001	0.007	-0.006
3	A154UB	0.002	0.003	-0.001
3	66UB	-0.001	0.004	-0.005
3	69UB	0.002	0.006	-0.004
3	C72UB	0.003	0.002	0.001
10	B54B	0.000	-0.002	0.002
10	B56B	0.001	-0.003	0.004
10	C61B	0.003	-0.006	0.009
10	C62B	0.001	0.001	0.000
10	A160B	-0.003	-0.003	0.000
10	B70UB	0.002	0.001	0.001
10	B72UB	0.003	-0.010	0.013
10	C73UB	-0.002	-0.007	0.005
10	A145UB	0.000	-0.007	0.007
10	A153UB	-0.001	-0.002	0.001
25	A158B	-0.004	0.004	-0.008
25	B59B	0.004	0.000	0.004
25	B63B	-0.002	0.002	-0.004
25	C64B	-0.006	0.002	-0.008
25	C68B	0.005	-0.001	0.006
25	A152UB	-0.002	0.009	-0.011
25	A150UB	0.002	0.001	0.001
25	B1UB	0.006	-0.003	0.009
25	B4UB	0.005	0.001	0.004
25	C74UB	0.000	0.003	-0.003
30	AA158B	-0.004	-0.005	0.001
30	BB59B	0.004	-0.002	0.006
30	BB63B	-0.002	0.004	-0.006
30	CC64B	-0.006	0.000	-0.006
30	CC68B	0.005	-0.005	0.010
50	C32B	0.009	-0.003	0.012
50	C33B	0.010	-0.002	0.012
50	C34B	0.003	-0.002	0.005
50	C39B	-0.003	0.008	-0.011
50	C78B	0.004	-0.001	0.005
50	C79B	-0.001	0.007	-0.008
50	C80B	-0.001	-0.002	0.001
50	B14B	0.005	-0.003	0.008
50	B15B	-0.001	-0.004	0.003
50	B18B	0.000	-0.003	0.003
50	B10B	0.008	-0.003	0.011
50	B11B	-0.004	0.003	-0.007
50	B13B	0.007	0.006	0.001
50	B17B	-0.004	-0.001	-0.003
50	B185B	0.005	-0.008	0.013
50	A186B	0.001	0.002	-0.001
50	A180B	0.001	0.003	-0.002
50	A148B	0.002	-0.005	0.007
50	A183B	-0.006	0.010	-0.016
50	A184B	-0.001	0.003	-0.004
50	A146B	0.001	0.003	-0.002
50	A182B	0.008	0.003	0.005
50	A179UB	-0.001	-0.001	0.000
50	A176UB	-0.003	-0.004	0.001
50	A174UB	-0.003	-0.003	0.000
50	A172UB	-0.006	-0.009	0.003
50	A171UB	-0.001	-0.003	0.002
50	C41UB	0.002	0.001	0.001
50	C42UB	-0.004	-0.004	0.000
50	C43UB	0.001	-0.002	0.003
50	C44UB	0.001	0.003	-0.002
50	C46UB	0.004	0.003	0.001
50	C49UB	-0.002	0.000	-0.002
50	C50UB	-0.003	-0.001	-0.002
50	B44UB	0.003	-0.006	0.009
50	B40UB	-0.001	-0.014	0.013
50	B37UB	0.005	-0.010	0.015
50	B32UB	0.007	-0.002	0.009
50	B26UB	0.004	-0.007	0.011
50	B39UB	0.001	-0.001	0.002
50	B35UB	-0.001	-0.012	0.011
50	B80UB	0.006	-0.003	0.009
50	A178UB	-0.005	-0.001	-0.004
50	A173UB	-0.003	-0.005	0.002
	Max	0.010	0.010	0.015
	Average	0.001	-0.001	0.002
	Min	-0.006	-0.014	-0.016
	Std Dev	0.004	0.005	0.006



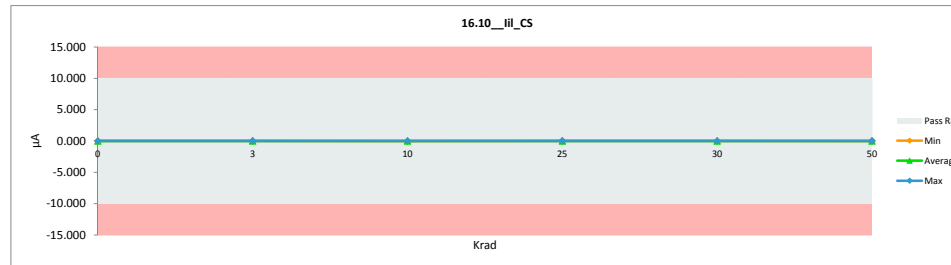
		16.9 __Iii_DIN					
Test Site		CLAB	CLAB				
Tester		Eagle3	Eagle3				
Test Number		EF651300	EF651300				
Max Limit		10	µA				
Min Limit		-10	µA				
Krad		0	3	10	25	30	50
LL		-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min		0.003	-0.002	-0.010	-0.003	-0.005	-0.014
Average		0.003	0.003	-0.004	0.002	-0.002	-0.002
Max		0.003	0.007	0.001	0.009	0.004	0.010
UL		10.000	10.000	10.000	10.000	10.000	10.000



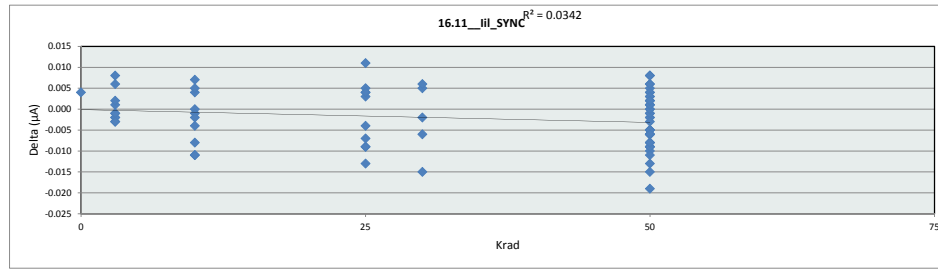
		16.10_IIL_CS		
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	10	10		
Min Limit	-10	-10		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.003	-0.003
3	B48B	0.002	0.011	-0.009
3	B51B	-0.003	0.002	-0.005
3	C60B	0.008	0.000	0.008
3	A162B	-0.007	0.003	-0.010
3	A165B	-0.003	-0.001	-0.002
3	A155UB	-0.001	0.003	-0.004
3	A154UB	0.003	-0.002	0.005
3	66UB	-0.005	0.003	-0.008
3	69UB	-0.005	0.004	-0.009
3	C72UB	0.000	0.000	0.000
10	B54B	-0.002	-0.002	0.000
10	B56B	0.000	-0.008	0.008
10	C61B	0.000	-0.012	0.012
10	C62B	0.003	0.002	0.001
10	A160B	-0.001	-0.004	0.003
10	B70UB	-0.001	-0.005	0.004
10	B72UB	-0.006	-0.001	-0.005
10	C73UB	0.013	-0.009	0.022
10	A145UB	0.000	-0.005	0.005
10	A153UB	0.000	-0.006	0.006
25	A158B	-0.003	-0.001	-0.002
25	B59B	-0.001	0.001	-0.002
25	B63B	-0.006	-0.001	-0.005
25	C64B	-0.001	0.002	-0.003
25	C68B	-0.005	-0.002	-0.003
25	A152UB	0.000	0.004	-0.004
25	A150UB	-0.001	0.005	-0.006
25	B1UB	0.007	0.004	0.003
25	B4UB	0.001	0.001	0.000
25	C74UB	0.018	-0.004	0.022
30	AA158B	-0.003	-0.008	0.005
30	BB59B	-0.001	0.002	-0.003
30	BB63B	-0.006	-0.009	0.003
30	CC64B	-0.001	-0.005	0.004
30	CC68B	-0.005	-0.001	-0.004
50	C32B	0.006	-0.003	0.009
50	C33B	0.007	0.001	0.006
50	C34B	0.003	-0.002	0.005
50	C39B	-0.007	0.009	-0.016
50	C78B	0.000	-0.002	0.002
50	C79B	-0.008	0.002	-0.010
50	C80B	0.000	-0.007	0.007
50	B14B	-0.005	-0.001	-0.004
50	B15B	-0.004	-0.008	0.004
50	B18B	0.000	-0.004	0.004
50	B10B	0.001	-0.007	0.008
50	B11B	-0.008	0.001	-0.009
50	B13B	0.005	0.005	0.000
50	B17B	-0.002	-0.002	0.000
50	B185B	-0.007	0.000	-0.007
50	A186B	-0.001	0.005	-0.006
50	A180B	0.002	-0.002	0.004
50	A148B	0.001	-0.004	0.005
50	A183B	-0.008	0.004	-0.012
50	A184B	-0.004	0.005	-0.009
50	A146B	-0.002	0.004	-0.006
50	A182B	-0.007	0.001	-0.008
50	A179UB	-0.003	0.001	-0.004
50	A176UB	-0.003	-0.011	0.008
50	A174UB	-0.002	-0.001	-0.001
50	A172UB	0.004	-0.001	0.005
50	A171UB	-0.011	0.015	-0.026
50	C41UB	-0.001	0.006	-0.007
50	C42UB	0.003	0.007	-0.004
50	C43UB	0.002	0.002	0.000
50	C44UB	0.006	0.007	-0.001
50	C46UB	0.001	0.000	0.001
50	C49UB	-0.001	0.007	-0.008
50	C50UB	0.002	0.009	-0.007
50	B44UB	-0.002	-0.002	0.000
50	B40UB	0.001	-0.004	0.005
50	B37UB	-0.001	0.002	-0.003
50	B32UB	-0.006	0.011	-0.017
50	B26UB	0.001	0.007	-0.006
50	B39UB	-0.005	-0.006	0.001
50	B35UB	0.001	0.000	0.001
50	B80UB	-0.001	-0.003	0.002
50	A178UB	-0.004	0.011	-0.015
50	A173UB	0.001	0.000	0.001
	Max	0.018	0.015	0.022
	Average	-0.001	0.000	-0.001
	Min	-0.011	-0.012	-0.026
	Std Dev	0.005	0.005	0.008



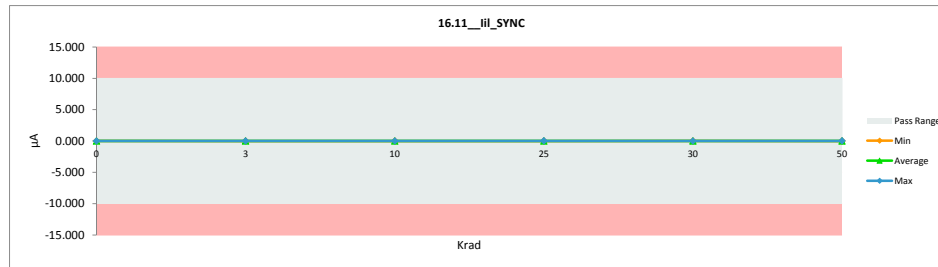
		16.10_IIL_CS					
Test Site	CLAB						
Tester	Eagle3						
Test Number	EF651300						
Max Limit	10	µA					
Min Limit	-10	µA					
Krad	0	3	10	25	30	50	
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000	
Min	0.003	-0.002	-0.012	-0.004	-0.009	-0.011	
Average	0.003	0.002	-0.005	0.005	0.001	0.001	
Max	0.003	0.011	0.002	0.005	0.002	0.015	
UL	10.000	10.000	10.000	10.000	10.000	10.000	



16.11_III_SYNC				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	10	10		
Min Limit	-10	-10		
0	C24	0.000	-0.004	0.004
3	B48B	-0.006	-0.003	-0.003
3	B51B	-0.004	-0.002	-0.002
3	C60B	-0.004	-0.003	-0.001
3	A162B	-0.006	-0.004	-0.002
3	A165B	-0.007	-0.008	0.001
3	A155UB	0.003	-0.003	0.006
3	A154UB	-0.002	-0.004	0.002
3	66UB	0.000	-0.008	0.008
3	69UB	-0.005	-0.004	-0.001
3	C72UB	-0.004	-0.001	-0.003
10	B54B	0.000	-0.004	0.004
10	B56B	-0.006	-0.002	-0.004
10	C61B	-0.007	0.001	-0.008
10	C62B	-0.011	0.000	-0.011
10	A160B	-0.006	-0.006	0.000
10	B70UB	0.004	-0.001	0.005
10	B72UB	0.000	-0.007	0.007
10	C73UB	-0.011	0.000	-0.011
10	A145UB	0.000	0.001	-0.001
10	A153UB	-0.002	0.000	-0.002
25	A158B	-0.006	0.003	-0.009
25	B59B	0.004	-0.001	0.005
25	B63B	-0.005	0.004	-0.009
25	C64B	-0.013	0.000	-0.013
25	C68B	0.004	-0.007	0.011
25	A152UB	-0.002	-0.006	0.004
25	A150UB	0.001	-0.002	0.003
25	B1UB	-0.004	0.000	-0.004
25	B4UB	0.003	-0.001	0.004
25	C74UB	-0.003	0.005	-0.007
30	AA158B	-0.006	0.000	-0.006
30	BB59B	0.004	-0.001	0.005
30	BB63B	-0.005	-0.003	-0.002
30	CC64B	-0.013	0.002	-0.015
30	CC68B	0.004	-0.002	0.006
50	C32B	-0.003	-0.001	-0.002
50	C33B	-0.003	-0.001	-0.002
50	C34B	-0.008	0.001	-0.009
50	C39B	-0.005	-0.004	-0.001
50	C78B	-0.003	0.006	-0.009
50	C79B	-0.003	0.002	-0.005
50	C80B	-0.006	0.002	-0.008
50	B14B	-0.004	0.011	-0.015
50	B15B	-0.006	0.007	-0.013
50	B18B	0.000	-0.001	0.001
50	B10B	-0.005	0.001	-0.006
50	B11B	-0.003	-0.002	-0.001
50	B13B	0.000	0.005	-0.005
50	B17B	0.000	-0.004	0.004
50	B185B	-0.001	0.009	-0.010
50	A186B	0.008	0.002	0.006
50	A180B	-0.002	0.004	-0.006
50	A148B	-0.003	0.000	-0.003
50	A183B	-0.004	0.005	-0.009
50	A184B	0.000	0.000	0.000
50	A146B	0.000	0.000	0.000
50	A182B	-0.006	0.013	-0.019
50	A179UB	-0.010	-0.001	-0.009
50	A176UB	0.001	-0.001	0.002
50	A174UB	-0.002	-0.007	0.005
50	A172UB	-0.006	-0.010	0.004
50	A171UB	-0.001	-0.002	0.001
50	C41UB	-0.005	-0.006	0.001
50	C42UB	-0.006	-0.008	0.002
50	C43UB	-0.003	-0.006	0.003
50	C44UB	-0.009	-0.004	-0.005
50	C46UB	-0.008	-0.002	-0.006
50	C49UB	-0.002	-0.005	0.003
50	C50UB	-0.003	0.003	-0.006
50	B44UB	-0.011	-0.005	-0.006
50	B40UB	-0.005	0.003	-0.008
50	B37UB	-0.001	0.004	-0.005
50	B32UB	-0.005	-0.007	0.002
50	B26UB	0.000	0.006	-0.006
50	B39UB	-0.009	-0.001	-0.008
50	B35UB	0.002	-0.006	0.008
50	B80UB	-0.007	0.004	-0.011
50	A178UB	0.003	-0.005	0.008
50	A173UB	0.003	-0.003	0.006
Max		0.008	0.013	0.011
Average		-0.003	-0.001	-0.002
Min		-0.013	-0.010	-0.019
Std Dev		0.004	0.004	0.006

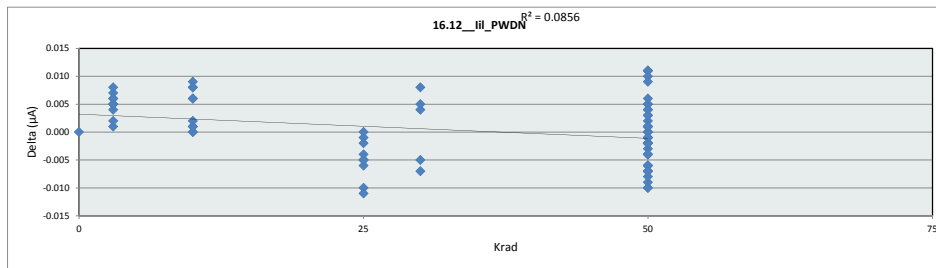


16.11_III_SYNC						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	10	µA				
Min Limit	-10	µA				
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	-0.004	-0.008	-0.007	-0.007	-0.003	-0.010
Average	-0.004	-0.004	-0.002	-0.001	-0.001	0.000
Max	-0.004	-0.001	0.001	0.005	0.002	0.013
UL	10.000	10.000	10.000	10.000	10.000	10.000



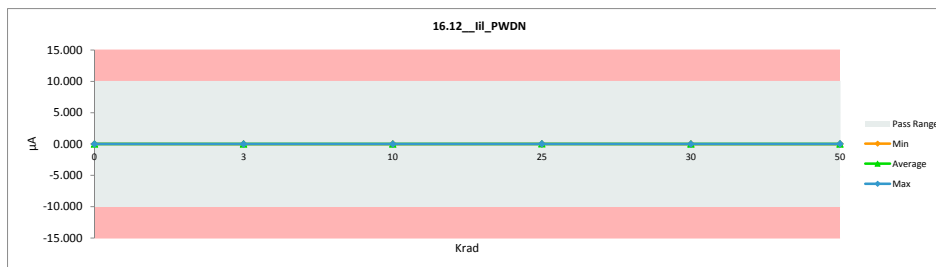
16.12_III_PWDN		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Unit	µA	µA
Max Limit	10	10
Min Limit	-10	-10

Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.000	0.000
3	B48B	0.002	-0.003	0.005
3	B51B	0.005	-0.002	0.007
3	C60B	0.002	-0.004	0.006
3	A162B	0.002	-0.002	0.004
3	A165B	0.004	-0.004	0.008
3	A155UB	0.002	-0.003	0.005
3	A154UB	-0.001	-0.002	0.001
3	66UB	0.003	-0.002	0.005
3	69UB	0.003	-0.003	0.006
3	C72UB	-0.002	-0.004	0.002
10	B54B	0.004	-0.004	0.008
10	B56B	-0.001	-0.001	0.000
10	C61B	-0.002	-0.002	0.000
10	C62B	0.004	-0.005	0.009
10	A160B	0.006	0.000	0.006
10	B70UB	0.010	0.002	0.008
10	B72UB	0.004	0.002	0.002
10	C73UB	0.000	-0.006	0.006
10	A145UB	0.000	-0.001	0.001
10	A153UB	0.003	0.002	0.001
25	A158B	0.002	0.007	-0.005
25	B59B	0.004	0.005	-0.001
25	B63B	-0.001	0.005	-0.006
25	C64B	-0.002	0.008	-0.010
25	C68B	-0.008	0.003	-0.011
25	A152UB	0.000	0.004	-0.004
25	A150UB	0.005	0.007	-0.002
25	B1UB	-0.001	0.004	-0.005
25	B4UB	0.002	0.007	-0.005
25	C74UB	-0.001	-0.001	0.000
30	AA158B	0.002	-0.002	0.004
30	BB59B	0.004	-0.001	0.005
30	BB63B	-0.001	-0.009	0.008
30	CC64B	-0.002	0.003	-0.005
30	CC68B	-0.008	-0.001	-0.007
50	C32B	-0.004	-0.004	0.000
50	C33B	-0.008	-0.004	-0.004
50	C34B	-0.007	-0.006	-0.001
50	C39B	-0.005	-0.003	-0.002
50	C78B	-0.004	-0.005	0.001
50	C79B	-0.003	0.000	-0.003
50	C80B	-0.004	-0.002	-0.002
50	B14B	0.004	-0.007	0.011
50	B15B	0.008	-0.003	0.011
50	B18B	0.000	-0.001	0.001
50	B10B	0.011	0.000	0.011
50	B11B	0.002	-0.001	0.003
50	B13B	0.007	0.002	0.005
50	B17B	0.002	0.002	0.000
50	B185B	0.003	-0.002	0.005
50	A186B	0.003	-0.007	0.010
50	A180B	0.003	0.001	0.002
50	A148B	-0.001	-0.005	0.004
50	A183B	0.004	-0.002	0.006
50	A184B	0.001	0.001	0.000
50	A146B	0.003	-0.001	0.004
50	A182B	0.009	0.000	0.009
50	A179UB	0.000	0.002	-0.002
50	A176UB	0.002	0.004	-0.002
50	A174UB	0.000	0.002	-0.002
50	A172UB	0.002	0.006	-0.004
50	A171UB	0.002	0.004	-0.002
50	C41UB	-0.004	0.006	-0.010
50	C42UB	-0.005	0.004	-0.009
50	C43UB	-0.004	-0.003	-0.001
50	C44UB	0.001	-0.002	0.003
50	C46UB	-0.001	0.005	-0.006
50	C49UB	-0.008	-0.002	-0.006
50	C50UB	-0.004	0.003	-0.007
50	B44UB	-0.004	0.006	-0.010
50	B40UB	-0.005	0.002	-0.007
50	B37UB	-0.002	0.005	-0.007
50	B32UB	-0.001	0.003	-0.004
50	B26UB	0.001	0.000	0.001
50	B39UB	-0.002	0.006	-0.008
50	B35UB	-0.004	0.002	-0.006
50	B80UB	-0.004	-0.003	-0.001
50	A178UB	-0.001	0.006	-0.007
50	A173UB	0.005	0.004	0.001
	Max	0.011	0.008	0.011
	Average	0.000	0.000	0.000
	Min	-0.008	-0.009	-0.011
	Std Dev	0.004	0.004	0.006

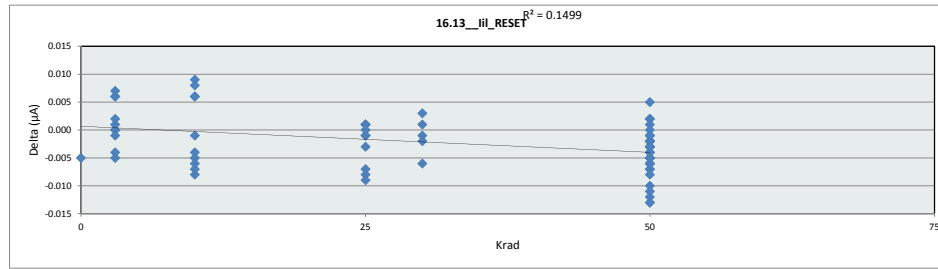


16.12_III_PWDN		
Test Site	CLAB	CLAB
Tester	Eagle3	Eagle3
Test Number	EF651300	EF651300
Max Limit	10	µA
Min Limit	-10	µA

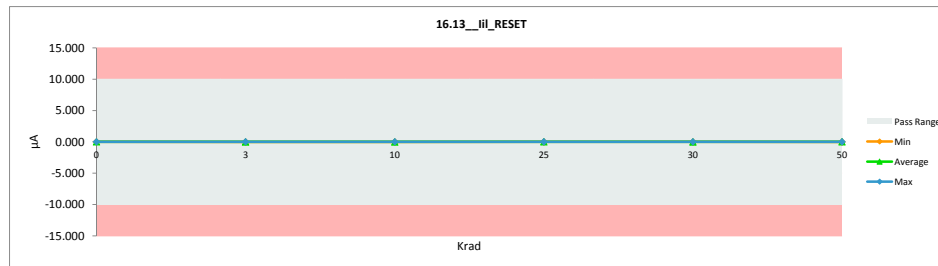
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.000	-0.004	-0.006	-0.001	-0.009	-0.007
Average	0.000	-0.003	-0.001	0.005	-0.002	0.000
Max	0.000	-0.002	0.002	0.008	0.003	0.006
UL	10.000	10.000	10.000	10.000	10.000	10.000



16.13_IIL_RESET				
Test Site	CLAB	CLAB		
Tester	Eagle3	Eagle3		
Test Number	EF651300	EF651300		
Unit	µA	µA		
Max Limit	10	10		
Min Limit	-10	-10		
Krad	Serial #	PRE_RAD	POST_RAD	Delta
0	C24	0.000	0.005	-0.005
3	B48B	-0.002	0.002	-0.004
3	B51B	0.001	0.001	0.000
3	C60B	0.003	0.003	0.000
3	A162B	0.005	-0.001	0.006
3	A165B	0.004	0.003	0.001
3	A155UB	0.003	0.004	-0.001
3	A154UB	0.001	-0.005	0.006
3	66UB	-0.002	0.003	-0.005
3	69UB	0.008	0.006	0.002
3	C72UB	0.002	-0.005	0.007
10	B54B	0.005	-0.001	0.006
10	B56B	0.007	0.001	0.006
10	C61B	-0.003	0.005	-0.008
10	C62B	-0.004	0.001	-0.005
10	A160B	0.001	0.002	-0.001
10	B70UB	0.004	-0.005	0.009
10	B72UB	0.007	-0.001	0.008
10	C73UB	-0.004	0.000	-0.004
10	A145UB	0.000	0.007	-0.007
10	A153UB	0.001	0.007	-0.006
25	A158B	0.002	0.005	-0.003
25	B59B	0.005	0.006	-0.001
25	B63B	0.003	0.002	0.001
25	C64B	-0.002	0.006	-0.008
25	C68B	0.003	0.004	-0.001
25	A152UB	0.010	0.009	0.001
25	A150UB	0.004	0.003	0.001
25	B1UB	0.005	0.005	0.000
25	B4UB	0.002	0.011	-0.009
25	C74UB	0.002	0.009	-0.007
30	AA158B	0.002	0.001	0.001
30	BB59B	0.005	0.002	0.003
30	BB63B	0.003	0.004	-0.001
30	CC64B	-0.002	0.000	-0.002
30	CC68B	0.003	0.009	-0.006
50	C32B	0.000	0.003	-0.003
50	C33B	0.001	0.005	-0.004
50	C34B	-0.004	0.001	-0.005
50	C39B	0.002	0.005	-0.003
50	C78B	0.001	0.003	-0.002
50	C79B	0.004	0.002	0.002
50	C80B	0.000	0.006	-0.006
50	B14B	0.003	0.005	-0.002
50	B15B	0.002	0.003	-0.001
50	B18B	0.000	0.006	-0.006
50	B10B	-0.001	0.004	-0.005
50	B11B	0.004	-0.001	0.005
50	B13B	0.009	0.007	0.002
50	B17B	-0.001	0.001	-0.002
50	B185B	0.001	0.008	-0.007
50	A186B	0.003	0.007	-0.004
50	A180B	0.000	0.002	-0.002
50	A148B	0.002	0.004	-0.002
50	A183B	0.000	0.007	-0.007
50	A184B	0.003	0.005	-0.002
50	A146B	0.004	0.003	0.001
50	A182B	0.002	0.004	-0.002
50	A179UB	-0.002	0.010	-0.012
50	A176UB	0.006	0.006	0.000
50	A174UB	0.004	0.006	-0.002
50	A172UB	-0.004	0.002	-0.006
50	A171UB	0.004	0.007	-0.003
50	C41UB	-0.003	0.005	-0.008
50	C42UB	-0.002	0.003	-0.005
50	C43UB	0.001	0.014	-0.013
50	C44UB	0.001	0.006	-0.005
50	C46UB	-0.003	0.007	-0.010
50	C49UB	0.003	0.005	-0.002
50	C50UB	0.000	0.013	-0.013
50	B44UB	0.000	0.004	-0.004
50	B40UB	0.004	0.009	-0.005
50	B37UB	0.002	0.005	-0.003
50	B32UB	0.001	0.007	-0.006
50	B26UB	0.002	0.003	-0.001
50	B39UB	0.001	0.006	-0.005
50	B35UB	-0.001	0.002	-0.003
50	B80UB	0.006	0.009	-0.003
50	A178UB	0.003	0.004	-0.001
50	A173UB	-0.002	0.009	-0.011
	Max	0.010	0.014	0.009
	Average	0.002	0.004	-0.003
	Min	-0.004	-0.005	-0.013
	Std Dev	0.003	0.004	0.005



16.13_IIL_RESET						
Test Site	CLAB					
Tester	Eagle3					
Test Number	EF651300					
Max Limit	10	µA				
Min Limit	-10	µA				
Krad	0	3	10	25	30	50
LL	-10.000	-10.000	-10.000	-10.000	-10.000	-10.000
Min	0.005	-0.005	-0.005	0.002	0.001	-0.001
Average	0.005	0.001	0.002	0.006	0.003	0.005
Max	0.005	0.006	0.007	0.011	0.009	0.014
UL	10.000	10.000	10.000	10.000	10.000	10.000



## **ADS1282-RHA**

### **Time Dependent Effect (TDE) Report at HDR 50Krad (Si)**

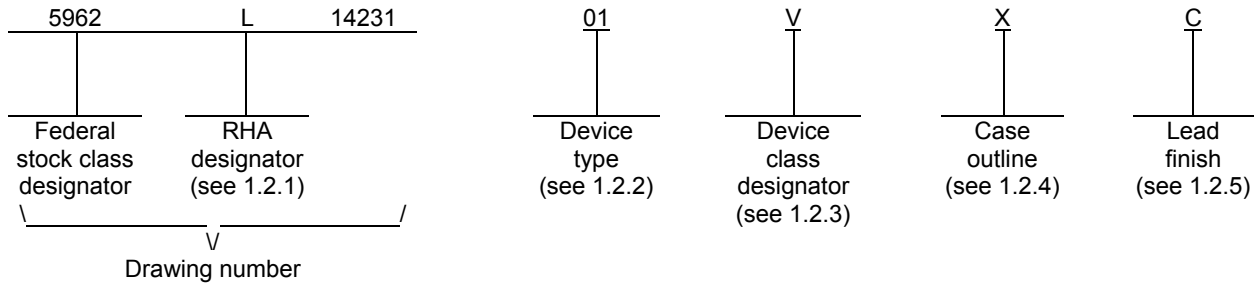
**All units pass SMD specification limits up to 50Krad HDR after the accelerated annealing test. This shows that the device does not show any Time Dependent Effect (TDE) degradation after the Rebound Test, per MIL-STD-883J 1019.9, Condition A and section 3.12 accelerated annealing tests.**



1. SCOPE

1.1 Scope. This drawing documents two product assurance class levels consisting of high reliability (device class Q) and space application (device class V). A choice of case outlines and lead finishes are available and are reflected in the Part or Identifying Number (PIN). When available, a choice of Radiation Hardness Assurance (RHA) levels is reflected in the PIN.

1.2 PIN. The PIN is as shown in the following example:



1.2.1 RHA designator. Device classes Q and V RHA marked devices meet the MIL-PRF-38535 specified RHA levels and are marked with the appropriate RHA designator. A dash (-) indicates a non-RHA device.

1.2.2 Device type(s). The device type(s) identify the circuit function as follows:

<u>Device type</u>	<u>Generic number</u>	<u>Circuit function</u>
01	ADS1282-RHA	32 bit analog to digital converter

1.2.3 Device class designator. The device class designator is a single letter identifying the product assurance level as follows:

<u>Device class</u>	<u>Device requirements documentation</u>
Q or V	Certification and qualification to MIL-PRF-38535

1.2.4 Case outline(s). The case outline(s) are as designated in MIL-STD-1835 and as follows:

<u>Outline letter</u>	<u>Descriptive designator</u>	<u>Terminals</u>	<u>Package style</u>
X	See figure 1	28	Flat pack

1.2.5 Lead finish. The lead finish is as specified in MIL-PRF-38535 for device classes Q and V.

<b>STANDARD MICROCIRCUIT DRAWING</b> DLA LAND AND MARITIME COLUMBUS, OHIO 43218-3990	SIZE <b>A</b>	<b>5962-14231</b>
	REVISION LEVEL	SHEET 2

1.3 Absolute maximum ratings. 1/

Analog positive supply voltage (AVDD) to Analog negative supply voltage (AVSS) .....	-0.3 V to 5.5 V
AVSS to Digital ground (DGND) .....	-2.8 V to 0.3 V
Digital positive supply voltage (DVDD) to DGND .....	-0.3 V to 3.9 V
Input current :	
Momentary .....	100 mA maximum
Continuous .....	10 mA maximum
Analog input voltage .....	AVSS – 0.3 V to AVDD
+ 0.3 V	
Digital input voltage to DGND .....	-0.3 V to DVDD + 0.3 V
Power dissipation (P <sub>D</sub> ) .....	41 mW
Maximum junction temperature (T <sub>J</sub> ) .....	+125°C
Lead temperature (soldering, 10 seconds) .....	+300°C
Storage temperature range .....	-60°C to +150°C

1.4 Recommended operating conditions.

AVDD .....	2.5 V
AVSS .....	-2.5 V
Ambient operating temperature range (T <sub>A</sub> ) .....	-55°C to +125°C

1.5 Radiation features.

Maximum total dose available (dose rate = 50-300 rads(Si)/s) ..... 50 krad(Si) 2/

1.6 Thermal characteristics.

Thermal metric	Symbol	Case X	Unit
Thermal resistance, junction-to-case (bottom)	$\theta_{JC(BOTTOM)}$	5.22	°C/W

1/ Stresses above the absolute maximum rating may cause permanent damage to the device. Extended operation at the maximum levels may degrade performance and affect reliability.

2/ The manufacturer supplying RHA device type 01 has performed characterization testing in accordance with MIL-STD-883 method 1019 paragraph 3.13.1.1. The radiation end point limits for the conditions are as specified in MIL-STD-883, method 1019, condition A and condition D to a maximum total dose of 50 krad(Si).

<b>STANDARD MICROCIRCUIT DRAWING</b> DLA LAND AND MARITIME COLUMBUS, OHIO 43218-3990	SIZE <b>A</b>		<b>5962-14231</b>
		REVISION LEVEL	SHEET <b>3</b>

2. APPLICABLE DOCUMENTS

2.1 Government specification, standards, and handbooks. The following specification, standards, and handbooks form a part of this drawing to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

DEPARTMENT OF DEFENSE SPECIFICATION

MIL-PRF-38535 - Integrated Circuits, Manufacturing, General Specification for.

DEPARTMENT OF DEFENSE STANDARDS

MIL-STD-883 - Test Method Standard Microcircuits.  
MIL-STD-1835 - Interface Standard Electronic Component Case Outlines.

DEPARTMENT OF DEFENSE HANDBOOKS

MIL-HDBK-103 - List of Standard Microcircuit Drawings.  
MIL-HDBK-780 - Standard Microcircuit Drawings.

(Copies of these documents are available online at <http://quicksearch.dla.mil> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.2 Order of precedence. In the event of a conflict between the text of this drawing and the references cited herein, the text of this drawing takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 Item requirements. The individual item requirements for device classes Q and V shall be in accordance with MIL-PRF-38535 as specified herein, or as modified in the device manufacturer's Quality Management (QM) plan. The modification in the QM plan shall not affect the form, fit, or function as described herein.

3.2 Design, construction, and physical dimensions. The design, construction, and physical dimensions shall be as specified in MIL-PRF-38535 and herein for device classes Q and V.

3.2.1 Case outline. The case outline shall be in accordance with 1.2.4 herein and figure 1.

3.2.2 Terminal connections. The terminal connections shall be as specified on figure 2.

3.2.3 Block diagram. The block diagram shall be as specified on figure 3.

3.3 Electrical performance characteristics and postirradiation parameter limits. Unless otherwise specified herein, the electrical performance characteristics and postirradiation parameter limits are as specified in table I and shall apply over the full ambient operating temperature range.

3.4 Electrical test requirements. The electrical test requirements shall be the subgroups specified in table IIA. The electrical tests for each subgroup are defined in table I.

3.5 Marking. The part shall be marked with the PIN listed in 1.2 herein. In addition, the manufacturer's PIN may also be marked. For packages where marking of the entire SMD PIN number is not feasible due to space limitations, the manufacturer has the option of not marking the "5962-" on the device. For RHA product using this option, the RHA designator shall still be marked. Marking for device classes Q and V shall be in accordance with MIL-PRF-38535.

3.5.1 Certification/compliance mark. The certification mark for device classes Q and V shall be a "QML" or "Q" as required in MIL-PRF-38535.

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Test	Symbol	Conditions <u>1/ 2/ 3/</u> -55°C ≤ T <sub>A</sub> ≤ +125°C unless otherwise specified	Group A subgroups	Device type	Limits		Unit
					Min	Max	
Analog inputs section.							
Absolute input range		AIMNP or AINN	1,2,3	01	AVSS + 0.7	AVDD - 1.25	V
PGA output (CAPP, CAPN) section.							
Absolute output range			1,2,3	01	AVSS + 0.4	AVDD - 0.4	V
External bypass capacitance			4,5,6	01		100	nF
AC performance section.							
Signal to noise ratio <u>4/</u>	SNR	High resolution mode	4,5,6	01	112		dB
Total harmonic distortion	THD	High resolution, PGA = 1...16	4,5,6	01		-99	dB
		High resolution, PGA = 32				-90	
DC performance section.							
Resolution		No missing codes	4,5,6	01	31		Bits
Data rate	fDATA	FIR filter mode	4,5,6	01	250	4000	SPS
		Sinc filter mode			8000	128,000	
Integral nonlinearity <u>5/</u>	INL	Differential input	4,5,6	01		0.0090	%FSR
			M, D,P,L	4	01		
Offset error		Shorted input	1,2,3	01		200	μV
			M, D,P,L	1	01		
Gain error <u>7/</u>		High resolution mode	4,5,6	01	-1.5	-0.5	%
Gain matching <u>8/</u>			4,5,6	01		0.8	%
Common mode rejection	CMR	f <sub>CM</sub> = 60 Hz <u>9/</u>	4,5,6	01	82		dB
Power supply rejection	PSR	AVDD, AVSS, f <sub>PS</sub> = 60 Hz <u>9/</u>	4,5,6	01	80		dB
		M, D,P,L	4	01	64		
		DVDD, f <sub>PS</sub> = 60 Hz <u>9/</u>			90		

TABLE I. Electrical performance characteristics.

See footnotes at end of table.

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TABLE I. Electrical performance characteristics - Continued.

Test	Symbol	Conditions <u>1/ 2/ 3/</u> -55°C ≤ T <sub>A</sub> ≤ +125°C unless otherwise specified	Group A subgroups	Device type	Limits		Unit
					Min	Max	
Voltage reference inputs.							
Reference input voltage		(V <sub>REF</sub> = V <sub>REFP</sub> - V <sub>REFN</sub> )	1,2,3	01	0.5	(AVDD - AVSS) + 0.2	V
Negative reference input	V <sub>REFN</sub>		1,2,3	01	AVSS - 0.1	V <sub>REF</sub> - 0.5	V
Positive reference input	V <sub>REFP</sub>		1,2,3	01	V <sub>REFN</sub> + 0.5	AVDD + 0.1	V
Digital filter response section.							
Passband ripple			4,5,6	01		±0.003	dB
High pass filter corner			4,5,6	01	0.1	10	Hz
Stop band attenuation <u>10/</u>			4,5,6	01	135		dB
Digital input/output section.							
High input voltage	V <sub>IH</sub>		1,2,3	01	0.8 x DVDD	DVDD	V
Low input voltage	V <sub>IL</sub>		1,2,3	01	DGND	0.2 x DVDD	V
High output voltage	V <sub>OH</sub>	I <sub>OH</sub> = 1 mA	1,2,3	01	0.8 x DVDD		V
Low output voltage	V <sub>OL</sub>	I <sub>OL</sub> = 1 mA	1,2,3	01		0.2 x DVDD	V
Input leakage current	I <sub>IL</sub>	0 < V <sub>DIGITAL IN</sub> < DVDD	1,2,3	01		±10	μA
Clock input	f <sub>CLK</sub>		4,5,6	01	1	4.096	MHz
Serial clock rate	f <sub>SCLK</sub>		4,5,6	01		f <sub>CLK</sub> /2	MHz

See footnotes at end of table.

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TABLE I. Electrical performance characteristics - Continued.

Test	Symbol	Conditions <u>1/</u> <u>2/ 3/</u> -55°C ≤ T <sub>A</sub> ≤ +125°C unless otherwise specified	Group A subgroups	Device type	Limits		Unit	
					Min	Max		
Power supply section.		See figure 5.						
Analog negative supply voltage	AVSS		1,2,3	01	-2.6	0	V	
Analog positive supply voltage	AVDD		1,2,3	01	AVSS + 4.75	AVSS + 5.25	V	
Digital positive supply voltage	DVDD		1,2,3	01	1.75	3.6	V	
Analog positive and negative supply current	AVDD, AVSS	High resolution mode		1,2,3	01		7.2	[mA]
			M, D,P,L	1	01		11	
		Power down mode		1,2,3	01		0.2	
			M, D,P,L	1	01		5	
Standby mode		1,2,3	01		0.2			
	M, D,P,L	1	01		5			
Digital positive and negative supply current	DVDD	High resolution mode		1,2,3	01		1.5	mA
		Standby mode					0.175	
		Power down mode <u>11/</u>					0.12	
Power dissipation	P <sub>D</sub>	High resolution mode		1,2,3	01		41	mW
			M, D,P,L	1	01		60	
		Power down mode		1,2,3	01		1.4	
			M, D,P,L	1	01		254	
Standby mode		1,2,3	01		1.6			
	M, D,P,L	1	01		25.5			
Timing requirements section.		See figure 6.						
SCLK period	t <sub>SCLK</sub>		9,10,11	01	2	16	1/f <sub>CLK</sub>	
SCLK pulse width, high <u>12/</u> and low	t <sub>SPWH</sub> , t <sub>SPWL</sub>		9,10,11	01	0.8	10	1/f <sub>CLK</sub>	
DIN valid to SCLK rising edge: setup time	t <sub>DIST</sub>		9,10,11	01	50		ns	
Valid DIN to SCLK rising edge: hold time	t <sub>DIHD</sub>		9,10,11	01	50		ns	
SCLK falling edge to valid	t <sub>DOPD</sub>		9,10,11	01		100	ns	

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13/ new DOUT: propagation delay							
SCLK falling edge to DOUT invalid: hold time	t <sub>DOHD</sub>		9,10,11	01	0		ns
Final SCLK rising edge of command to first SCLK rising edge for register read/write data	t <sub>SCDL</sub>		9,10,11	01	24		1/fCLK

See footnotes at end of table.

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TABLE I. Electrical performance characteristics - Continued.

- 1/ Unless otherwise specified, over operating temperature range, AVDD = 2.5 V, AVSS = -2.5 V, system clock (f<sub>CLK</sub>) = 4.096 MHz, VREFP = 2.5 V, VREFN = -2.5 V, DVDD = 3.3 V, CAPN – CAPP = 10 nF, PGA = 1, and f<sub>DATA</sub> = 1000 samples per second (SPS).
- 2/ Device type 01 supplied to this drawing have been characterized through all levels P and L of irradiation. However, this device is only tested at the “L” level. Pre and post irradiation values are identical unless otherwise specified in table I.  
When performing post irradiation electrical measurements for any RHA level, T<sub>A</sub> = +25°C (see 1.5 herein).
- 3/ The manufacturer supplying RHA device type 01 has performed characterization testing in accordance with MIL-STD-883 method 1019 paragraph 3.13.1.1. The radiation end point limits for the conditions are as specified in MIL-STD-883, method 1019, condition A and condition D to a maximum total dose of 50 krad(Si).
- 4/ V<sub>IN</sub> = 20 mVDC / PGA, see figure 4.
- 5/ Best fit method.
- 6/ FSR: full scale range = ±V<sub>REF</sub> / (2 x PGA).
- 7/ The PGA output impedance and the modulator input impedance results in -1% systematic gain error (high resolution mode).
- 8/ Gain match relative to PGA = 1.
- 9/ f<sub>CM</sub> is the input common mode frequency. f<sub>PS</sub> is the power supply frequency.
- 10/ Input frequencies in the range of Nf<sub>CLK</sub>/512 ± f<sub>DATA</sub>/2 (N = 1, 2, 3..) can mix with the modulator chopping clock. In these frequency ranges intermodulation = 120 dB nominal.
- 11/ CLK input stopped.
- 12/ Holding SCLK low for 64  $\overline{\text{DRDY}}$  falling edges resets the serial interface.
- 13/ Load on DOUT = 20 pF || 100 kΩ.

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Case outline X

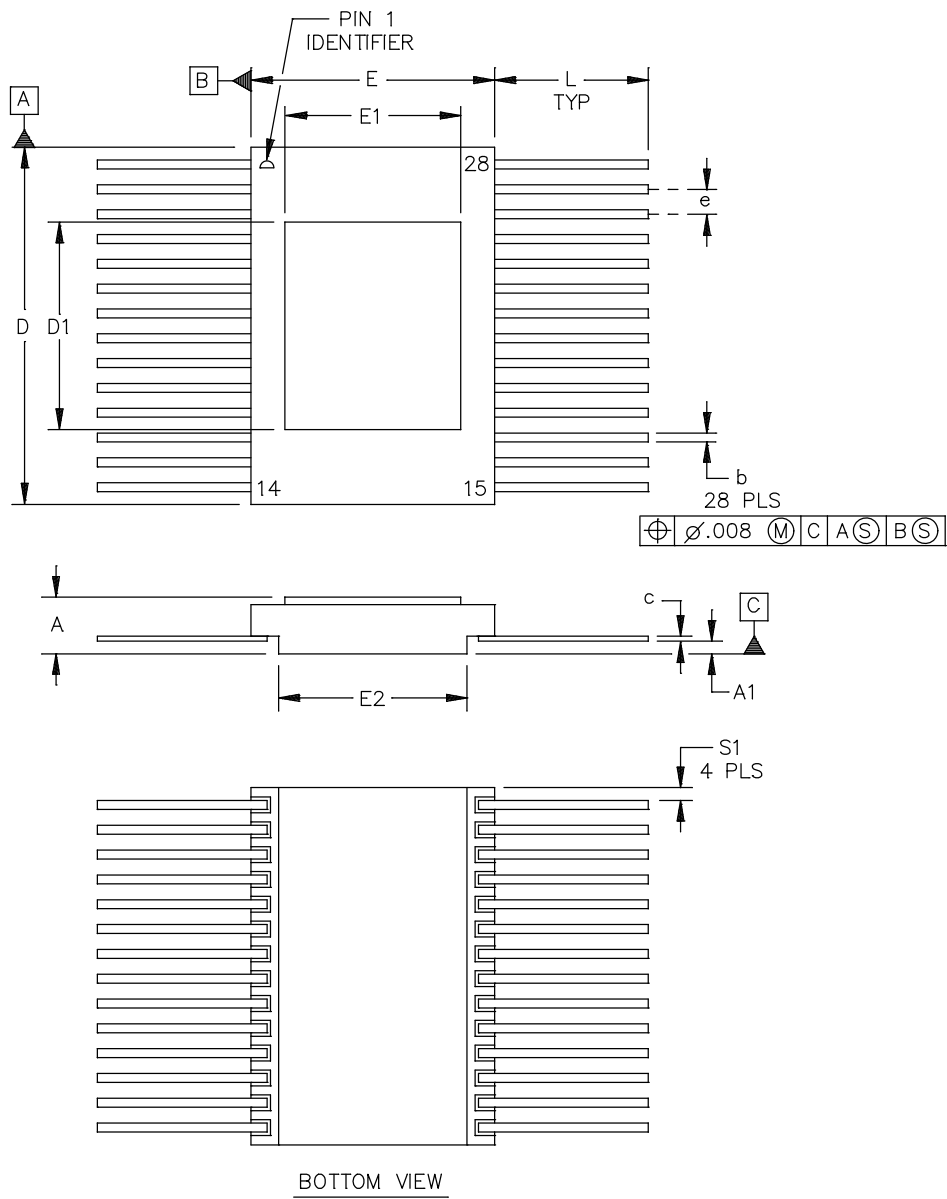


FIGURE 1. Case outline.

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Case outline X – continued.

Symbol	Dimensions			
	Inches		Millimeters	
	Min	Max	Min	Max
A	---	.112	---	2.85
A1	.025	---	0.66	---
b	.014	.020	0.38	0.53
c	.003	.009	0.10	0.23
D	.711	.727	18.08	18.49
D1	.424	REF	10.795	REF
E	.492	.507	12.5	12.9
E1	.354	REF	9.017	REF
E2	.372	.388	9.45	9.86
e	.049	BSC	1.27	BSC
S1	.009	---	0.25	---

NOTES:

1. Controlling dimensions are millimeter, inch dimensions are given for reference only.
2. This package is hermetically sealed with a metal lid.
3. The terminal are gold plated.

FIGURE 1. Case outline - continued.

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Device type	01	
Case outline	X	
Terminal number	Terminal symbol	Description
1	CLK	Master clock input.
2	SCLK	Serial clock input.
3	$\overline{\text{DRDY}}$	Data ready output: read data on falling edge.
4	DOUT	Serial data output.
5	DIN	Serial data input.
6	DGND	Digital ground, pin 12 is the key ground point.
7	MCLK	Modulator clock output, if in modulator mode: MCLK: modulator clock output. Otherwise, the pin is an unused input (must be tied).
8	M1	Modulator data output 1; if in modulator mode: M1: modulator data output 1. Otherwise, the pin is an unused input (must be tied)."
9	M0	Modulator data output 0; if in modulator mode: M0: modulator data output 0. Otherwise, the pin is an unused input (must be tied)."
10	SYNC	Synchronize input.
11	MFLAG	Modulator over range flag: 0 = normal, 1 = modulator over-range.
12	DGND	Digital ground, pin 12 is the key ground point.
13	CAPN	PGA outputs: Connect 10 nF capacitor from CAPP to CAPN.
14	CAPP	PGA outputs: Connect 10 nF capacitor from CAPP to CAPN.
15	AINP2	Positive analog input 2.
16	AINN2	Negative analog input 2.
17	AINP1	Positive analog input 1.
18	AINN1	Negative analog input 1.
19	AVDD	Positive analog power supply.
20	AVSS	Negative analog power supply.
21	VREFN	Negative reference input.
22	VREFP	Positive reference input.
23	$\overline{\text{PWDN}}$	Power-down input, active low.
24	$\overline{\text{RESET}}$	Reset input, active low.
25	DGND	Digital ground, pin 12 is the key ground point.
26	DVDD	Digital power supply: 1.8 V to 3.3 V.
27	DGND	Digital ground, pin 12 is the key ground point.
28	BYPASS	Sub regulator output: connect 1 $\mu\text{F}$ capacitor to DGND.

FIGURE 2. Terminal connections.

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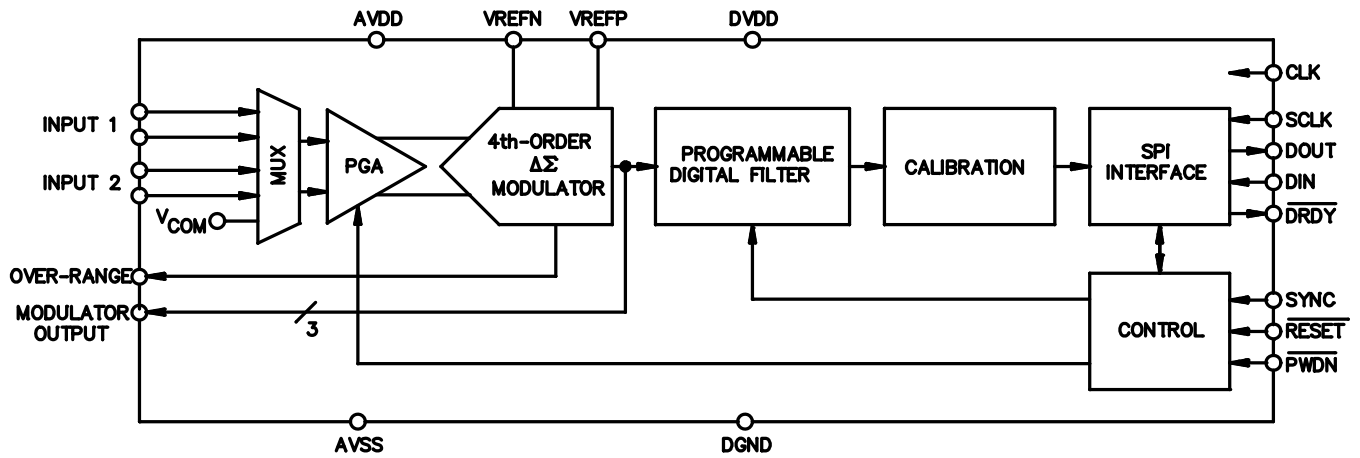


FIGURE 3. Block diagram.

Data rate (SPS)	PGA (High resolution mode) <sup>1/</sup>						
	1	2	4	8	16	32	64
250	130	130	129	128	125	119	114
500	127	127	126	125	122	116	111
1000	124	124	123	122	119	113	108
2000	121	121	120	119	116	111	106
4000	118	118	117	116	113	108	103

<sup>1/</sup>  $V_{IN} = 20 \text{ mV dc} / \text{PGA}$ .

FIGURE 4. Signal to noise ratio (dB).

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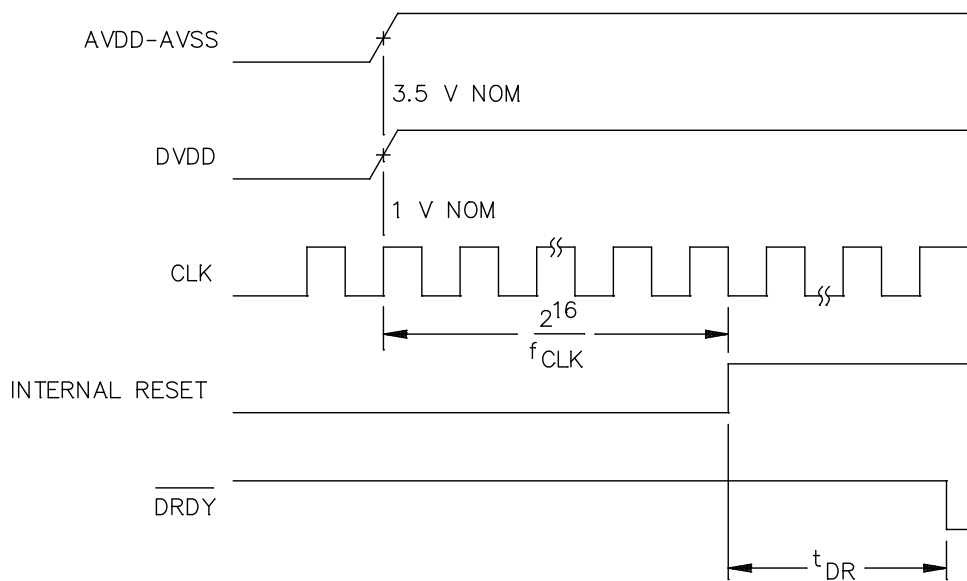
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This device has three power supplies: AVDD, AVSS, and DVDD. Figure 5 shows the power on sequence of the device.

The power supplies can be sequenced in any order. The supplies [the difference of (AVDD – AVSS) and DVDD] generate an internal reset whose outputs are summed to generate a global internal rest. After the supplies have crossed

the minimum threshold,  $2^{16} f_{CLK}$  cycles are counted before releasing the internal rest. After the internal reset is released,

new conversion data are available, as shown in figure 5 and Table III.

FIGURE 5. Power on.

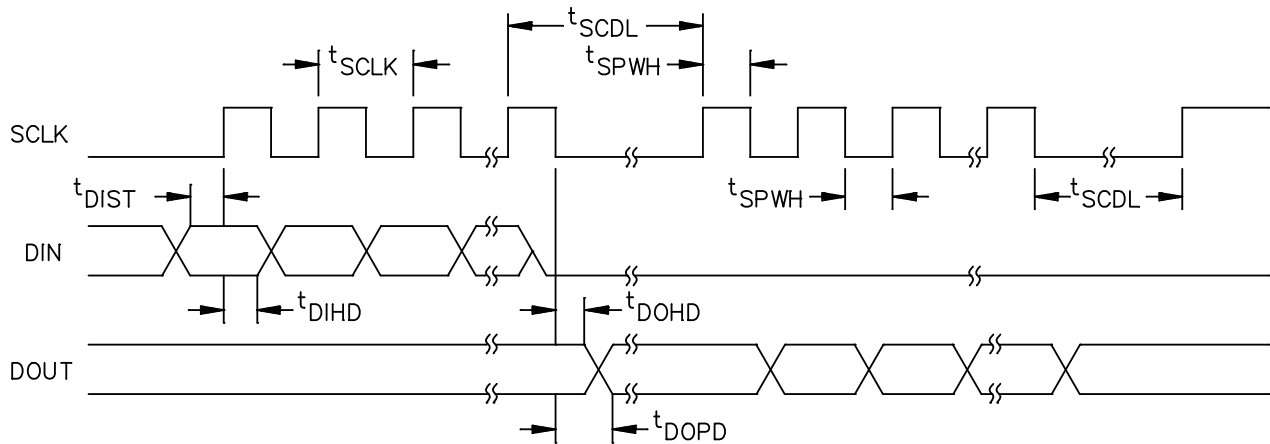


FIGURE 6. Timing diagram.

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3.6 Certificate of compliance. For device classes Q and V, a certificate of compliance shall be required from a QML-38535 listed manufacturer in order to supply to the requirements of this drawing (see 6.6.1 herein). The certificate of compliance submitted to DLA Land and Maritime-VA prior to listing as an approved source of supply for this drawing shall affirm that the manufacturer's product meets, for device classes Q and V, the requirements of MIL-PRF-38535 and herein.

3.7 Certificate of conformance. A certificate of conformance as required for device classes Q and V in MIL-PRF-38535 shall be provided with each lot of microcircuits delivered to this drawing.

4. VERIFICATION

4.1 Sampling and inspection. For device classes Q and V, sampling and inspection procedures shall be in accordance with MIL-PRF-38535 or as modified in the device manufacturer's Quality Management (QM) plan. The modification in the QM plan shall not affect the form, fit, or function as described herein.

4.2 Screening. For device classes Q and V, screening shall be in accordance with MIL-PRF-38535, and shall be conducted on all devices prior to qualification and technology conformance inspection.

4.2.1 Additional criteria for device classes Q and V.

- a. The burn-in test duration, test condition and test temperature, or approved alternatives shall be as specified in the device manufacturer's QM plan in accordance with MIL-PRF-38535. The burn-in test circuit shall be maintained under document revision level control of the device manufacturer's Technology Review Board (TRB) in accordance with MIL-PRF-38535 and shall be made available to the acquiring or preparing activity upon request. The test circuit shall specify the inputs, outputs, biases, and power dissipation, as applicable, in accordance with the intent specified in method 1015 of MIL-STD-883.
- b. Interim and final electrical test parameters shall be as specified in table IIA herein.
- c. Additional screening for device class V beyond the requirements of device class Q shall be as specified in MIL-PRF-38535, appendix B.

4.3 Qualification inspection for device classes Q and V. Qualification inspection for device classes Q and V shall be in accordance with MIL-PRF-38535. Inspections to be performed shall be those specified in MIL-PRF-38535 and herein for groups A, B, C, D, and E inspections (see 4.4.1 through 4.4.4).

4.4 Conformance inspection. Technology conformance inspection for classes Q and V shall be in accordance with MIL-PRF-38535 including groups A, B, C, D, and E inspections, and as specified herein.

4.4.1 Group A inspection.

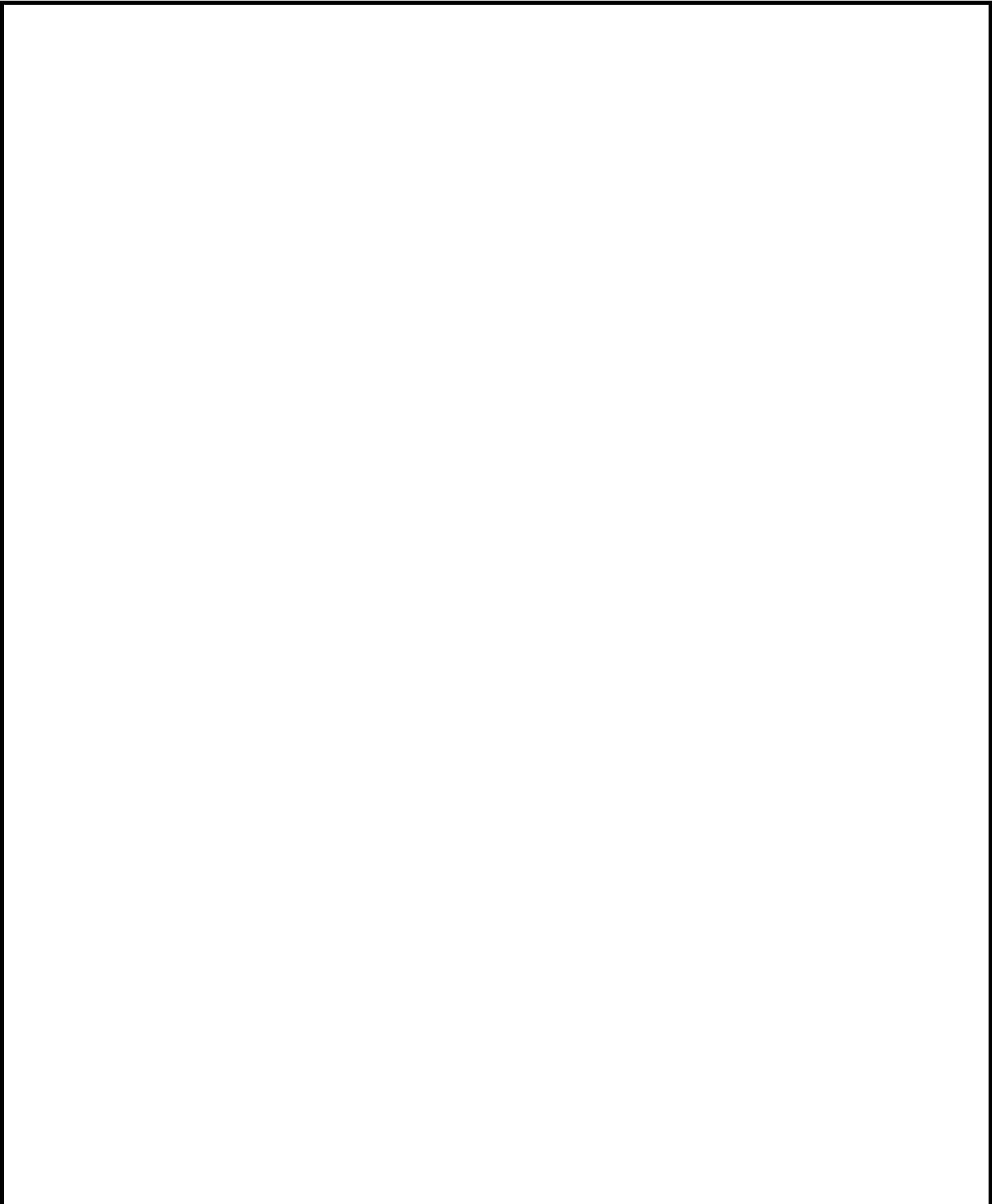
- a. Tests shall be as specified in table IIA herein.
- b. Subgroups 7 and 8 in table I, method 5005 of MIL-STD-883 shall be omitted.

4.4.2 Group C inspection. The group C inspection end-point electrical parameters shall be as specified in table IIA herein.

4.4.2.1 Additional criteria for device classes Q and V. The steady-state life test duration, test condition and test temperature, or approved alternatives shall be as specified in the device manufacturer's QM plan in accordance with MIL-PRF-38535. The test circuit shall be maintained under document revision level control by the device manufacturer's TRB in accordance with MIL-PRF-38535 and shall be made available to the acquiring or preparing activity upon request. The test circuit shall specify the inputs, outputs, biases, and power dissipation, as applicable, in accordance with the intent specified in method 1005 of MIL-STD-883.

4.4.3 Group D inspection. The group D inspection end-point electrical parameters shall be as specified in table IIA herein.

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TABLE IIA. Electrical test requirements.

Test requirements	Subgroups (in accordance with MIL-PRF-38535, table III)	
	Device class Q	Device class V
Interim electrical parameters (see 4.2)	1,4,9	1,4,9
Final electrical parameters (see 4.2)	1,2,3,4,5,6, <u>1/</u> 9,10,11	1,2,3,4,5,6, <u>1/ 2/</u> 9,10,11
Group A test requirements (see 4.4)	1,2,3,4,5,6, 9,10,11	1,2,3,4,5,6, 9,10,11
Group C end-point electrical parameters (see 4.4)	1,2,3,4,5,6, 9,10,11	1,2,3,4,5,6, <u>2/</u> 9,10,11
Group D end-point electrical parameters (see 4.4)	1,4,9	1,4,9
Group E end-point electrical parameters (see 4.4)	1,4,9	1,4,9

1/ PDA applies to subgroup 1.

2/ Delta limits as specified in table IIB shall be required where specified, and the delta limits shall be completed with reference to the previous electrical parameters.

TABLE IIB. Burn-in and operating life test delta parameters. T<sub>A</sub> = +25°C. 1/

Parameters	Conditions	Delta limits	Units
AVDD current	High resolution mode	±0.216	mA
AVSS current	High resolution mode	±0.216	mA
DVDD current	High resolution mode	±0.045	mA

1/ These parameters shall be recorded before and after the required burn in and life test to determine delta limits.

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TABLE III. Power on, power down input pin, and wake up command timing for new data.

Parameter	Description	Filter mode
Time for data ready ( $t_{DR}$ )	Time for data ready 216 CLK cycles after $\overline{PWDN}$ power on; and new data ready after $\overline{PWDN}$	See Table IV.
		$62.98046875/f_{DATA} + 468/f_{CLK}$ <u>2/</u>
		SINC <u>1/</u>
		FIR

1/ Supply power on and  $\overline{PWDN}$  pin default is 1000 SPS FIR.

2/ Subtract two CLK cycles for the wake up command. The wake up command is timed from the next rising edge of

CLK to after the eighth rising edge of  $\overline{SCLK}$  during command to DRDY falling.

TABLE IV. Time for data ready (sinc filter).

$f_{DATA}$	$f_{CLK}$ <u>1/</u>
128 k	440
64 k	616
32 k	968
16 k	1672
8 k	2824

1/ For SYNC and wake up commands,  $f_{CLK}$  = number of CLK cycles from next rising CLK edge directly after eighth

rising  $\overline{SCLK}$  edge to DRDY falling edge. For wake up command only, subtract two  $f_{CLK}$  cycles.

4.4.4 Group E inspection. Group E inspection is required only for parts intended to be marked as radiation hardness assured (see 3.5 herein).

- a. End-point electrical parameters shall be as specified in table IIA herein.
- b. For device classes Q and V, the devices or test vehicle shall be subjected to radiation hardness assured tests as specified in MIL-PRF-38535 for the RHA level being tested. All device classes must meet the postirradiation end-point electrical parameter limits as defined in table I at  $T_A = +25^\circ\text{C} \pm 5^\circ\text{C}$ , after exposure, to the subgroups specified in table IIA herein.

## 5. PACKAGING

5.1 Packaging requirements. The requirements for packaging shall be in accordance with MIL-PRF-38535 for device classes Q and V.

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6. NOTES

6.1 Intended use. Microcircuits conforming to this drawing are intended for use for Government microcircuit applications (original equipment), design applications, and logistics purposes.

6.1.1 Replaceability. Microcircuits covered by this drawing will replace the same generic device covered by a contractor prepared specification or drawing.

6.2 Configuration control of SMD's. All proposed changes to existing SMD's will be coordinated with the users of record for the individual documents. This coordination will be accomplished using DD Form 1692, Engineering Change Proposal.

6.3 Record of users. Military and industrial users should inform DLA Land and Maritime when a system application requires configuration control and which SMD's are applicable to that system. DLA Land and Maritime will maintain a record of users and this list will be used for coordination and distribution of changes to the drawings. Users of drawings covering microelectronic devices (FSC 5962) should contact DLA Land and Maritime-VA, telephone (614) 692-8108.

6.4 Comments. Comments on this drawing should be directed to DLA Land and Maritime-VA, Columbus, Ohio 43218-3990, or telephone (614) 692-0540.

6.5 Abbreviations, symbols, and definitions. The abbreviations, symbols, and definitions used herein are defined in MIL-PRF-38535 and MIL-HDBK-1331.

6.6 Sources of supply.

6.6.1 Sources of supply for device classes Q and V. Sources of supply for device classes Q and V are listed in MIL-HDBK-103 and QML-38535. The vendors listed in MIL-HDBK-103 and QML-38535 have submitted a certificate of compliance (see 3.6 herein) to DLA Land and Maritime-VA and have agreed to this drawing.

<b>STANDARD MICROCIRCUIT DRAWING</b> DLA LAND AND MARITIME COLUMBUS, OHIO 43218-3990	SIZE <b>A</b>		<b>5962-14231</b>
		REVISION LEVEL	SHEET 20

STANDARD MICROCIRCUIT DRAWING BULLETIN

DATE: XX-XX-XX

Approved sources of supply for SMD 5962-14231 are listed below for immediate acquisition information only and shall be added to MIL-HDBK-103 and QML-38535 during the next revision. MIL-HDBK-103 and QML-38535 will be revised to include the addition or deletion of sources. The vendors listed below have agreed to this drawing and a certificate of compliance has been submitted to and accepted by DLA Land and Maritime-VA. This information bulletin is superseded by the next dated revision of MIL-HDBK-103 and QML-38535. DLA Land and Maritime maintains an online database of all current sources of supply at <http://www.landandmaritime.dla.mil/Programs/Smcr/>.

Standard microcircuit drawing PIN <u>1/</u>	Vendor CAGE number	Vendor similar PIN <u>2/</u>
5962L1423101VXC	01295	ADS1282-RHA

1/ The lead finish shown for each PIN representing a hermetic package is the most readily available from the manufacturer listed for that part. If the desired lead finish is not listed contact the vendor to determine its availability.

2/ Caution. Do not use this number for item acquisition. Items acquired to this number may not satisfy the performance requirements of this drawing.

Vendor CAGE  
number

01295

Vendor name  
and address

Texas Instruments, Inc.  
Semiconductor Group  
8505 Forest lane  
P.O. Box 660199  
Dallas, TX 75243

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