

TPS7H1111-SP Neutron-Displacement Damage (NDD) Characterization



ABSTRACT

This report presents the effect of neutron displacement damage (NDD) on the TPS7H1111-SP device. The results show that all devices were fully functional and within production test limits after having been irradiated up to 1×10^{13} n/cm² [1-MeV(Si) equivalent]. A sample size of nine units were exposed per MIL-STD-883, Method 1017 for Neutron Irradiation, and two additional devices were used as control units. Electrical testing was performed at Texas Instruments before and after neutron irradiation using the production test program for TPS7H1111-SP.

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1 Overview

The TPS7H1111-SP is an ultra-low noise, high PSRR, low dropout linear regulator (LDO) optimized for powering RF (radio frequency) devices in a space environment. The device can source up to 1.5 A over a 0.85-V to 7-V input range with a 2.2-V to 14-V bias supply. The high performance of the device limits power supply generated phase noise and clock jitter, making this device an option for powering high-performance ADCs, DACs, VCOs, PLLs, SerDes, and other RF components in satellites. For digital loads (such as FPGAs and DSPs) requiring low voltage operation, the accuracy and transient performance helps with system performance.

Table 1-1. Overview Information

NDD Details	
TI Part Number	TPS7H1111-SP
Device Name	5962R2120301VXC
Device Function	Low Dropout Linear Regulator
Technology	LBC7 (Linear BiCMOS 7)
Assembly Lot Number	2014109
Unbiased Quantity Tested	9
Exposure Facility	VPT Rad
Neutron Fluence (1-MeV equivalent)	1.0×10^{12} , 5.0×10^{12} , 1.0×10^{13} n/cm ²
Irradiation Temperature	Room temperature
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2 Test Procedures

The TPS7H1111-SP was electrically pre and post-tested using the production automated test equipment program.

General test procedures adhered to MIL-STD-883, Method 1017 for Neutron Irradiation of TPS7H1111-SP. Neutron irradiation conditions are listed in [Table 2-1](#).

Table 2-1. Neutron Irradiation Conditions

GROUP	SAMPLE QTY	NEUTRON FLUENCE (n/cm ²)	BIAS
A	3	1.0×10^{12}	Unbiased
B	3	5.0×10^{12}	Unbiased
C	3	1.0×10^{13}	Unbiased



Figure 2-1. TPS7H1111-SP Device (Front)

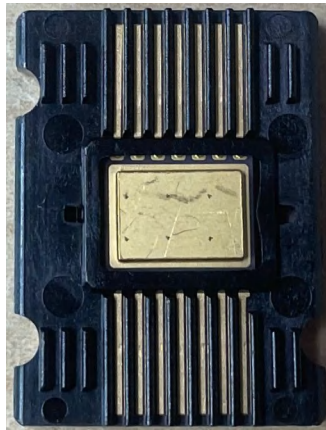


Figure 2-2. TPS7H1111-SP Device (Back)

3 Facility

VPT Rad performs all neutron displacement damage irradiations in a Low-Enriched, open-pool, water moderated, thermal neutron reactor. It utilizes flat-plate type fuel, and having a maximum thermal energy output of up to 1 MW. The Fast Neutron Irradiator (FNI) faces one side of the reactor core, its design produces a geometrical planar beam of fast neutrons that is approximately uniform over an area of 12 in × 20 in. Lead and thermal neutron absorbing compounds are combined to filter out both fission gammas and thermal neutrons. The ratio of fast-to-thermal neutrons is approximately 400:1, with a gamma exposure of less than 150 rad (Si) for a 1E12 n/cm² (1 MeV Si equivalent) exposure. The FNI can accommodate a sample or samples with size up to 30 cm in diameter and 15-cm thick including packaging materials. The minimum neutron fluence rate is 1E6 n/cm²-s. The maximum neutron fluence rate is approximately 1.0 E11 n/cm²-s. (both values are 1 MeV Si equivalent).

The neutron fluence rate is determined using the previously-measured neutron radiation field for the FNI, performed in accordance with ASTM standards (ASTM F1190 &), and correlated to the measured reactor power level. The neutron dose is timed to meet the customer-specified fluence for the irradiation. Neutron dosimetry meeting ASTM standards (ASTM E265) is utilized to track and make sure that irradiations meet the required minimum. The facility retains source-suitability with the Defense Logistics Agency (DLA) Laboratory Suitability Program for ASTM Test Method 1017. The DUTS are typically irradiation in an unbiased condition as per TM1017. If bias conditions are required, they can be maintained via dry thimbles connected to the irradiation volume.

4 Results

There were no functional failures at any irradiation level. All parametric measurements remained well within all data sheet limits for all exposure levels. The full parameter list is shown in [Section 5](#) and the related data can be found in [Appendix A](#).

5 Data Sheet Electrical Parameters and Associated Tests

Over $0.85\text{ V} \leq V_{IN} \leq 7\text{ V}$, $V_{BIAS} \geq V_{OUT} + 1.6\text{ V}$ ($V_{IN} \leq V_{BIAS} \leq 14\text{ V}$ and $V_{BIAS} \geq 2.2\text{ V}$), $V_{OUT}(\text{target}) = V_{IN} - 1.6\text{ V}$, $I_{OUT} = 1\text{ mA}$, $C_{OUT} = 220\text{ }\mu\text{F}$ ¹, $R_{REF} = 12.0\text{ k}\Omega$, over operating temperature range ($T_A = -55^\circ\text{C}$ to $+125^\circ\text{C}$), typical values are at $T_A = 25^\circ\text{C}$, unless otherwise noted; includes RLAT at $T_A = 25^\circ\text{C}$ if sub-group number is present for QML RHA and SEP devices.²

PARAMETER		TEST CONDITIONS		SUB-GROUP ³	MIN	TYP	MAX	UNIT	Test(s)
POWER SUPPLIES AND CURRENTS									
V_{DO}	Dropout voltage with $V_{BIAS} \geq V_{OUT} + 1.6\text{ V}$	$0.85\text{ V} \leq V_{IN} \leq 7\text{ V}$, $V_{OUT} = 98.5\% \times V_{OUT(\text{NOM})}$	$I_{OUT} = 0.1\text{ A}$	1, 2, 3		17	40	mV	21.1, 22.1, 23.1
			$I_{OUT} = 0.5\text{ A}$	1, 2, 3		75	150		21.2, 22.2, 23.2
			$I_{OUT} = 1\text{ A}$	1, 2, 3		110	280		21.3, 22.3, 23.3
			$I_{OUT} = 1.5\text{ A}$	1, 2, 3		215	430		21.4, 22.4, 23.4
V_{DO}	Dropout voltage with $V_{BIAS} = V_{IN}$	$2.2\text{ V} \leq V_{IN} \leq 7\text{ V}$, $V_{OUT} = 98.5\% \times V_{OUT(\text{NOM})}$	$I_{OUT} = 0.1\text{ A}$	1, 2, 3		785	1100	mV	24.1, 25.1, 26.1
			$I_{OUT} = 0.5\text{ A}$	1, 2, 3		908	1150		24.2, 25.2, 26.2
			$I_{OUT} = 1\text{ A}$	1, 2, 3		1063	1250		24.3, 25.3, 26.3
			$I_{OUT} = 1.5\text{ A}$	1, 2, 3		1168	1400		24.4, 25.4, 26.4
I_{LIM}	Output current limit	$R_{OUT} = 10\text{ m}\Omega$, $V_{CLM} = V_{IN}$	$T_A = 25^\circ\text{C}$	1	1.75	1.85	2	A	42.3, 42.9
			$T_A = 125^\circ\text{C}$	2	1.7	1.8	1.95		
			$T_A = -55^\circ\text{C}$	3	1.8	1.95	2.1		
$I_{CLM(\text{LKG})}$	CLM input leakage current	$V_{CLM} = 7\text{ V}$		1, 2, 3		5	150	nA	13.12
I_{Q_IN}	Quiescent current	$V_{EN} = 7\text{ V}$, $I_{OUT} = 0\text{ A}$		1, 2, 3		19	27	mA	17.5, 16.5
I_{Q_BIAS}	Bias current with no output load	$V_{EN} = 7\text{ V}$, $I_{OUT} = 0\text{ A}$		1, 2, 3		16	25		17.6, 16.6
I_{IN_GND}	$I_{IN} - I_{OUT}$ with full output load	$V_{EN} = 7\text{ V}$, $I_{OUT} = 1.5\text{ A}$		1, 2, 3		20	27	mA	17.12, 16.12
I_{BIAS}	Bias current with full output load	$V_{EN} = 7\text{ V}$, $I_{OUT} = 1.5\text{ A}$		1, 2, 3		17	25		17.10, 16.10
I_{SHDN}	Shutdown current	$V_{EN} = 0\text{ V}$, $I_{OUT} = 0\text{ A}$, $V_{OUT} = 0\text{ V}$		1, 2, 3		20	350	μA	17.1, 16.1
I_{SHDN_BIAS}	Shutdown bias current	$V_{EN} = 0\text{ V}$, $I_{OUT} = 0\text{ A}$, $V_{OUT} = 0\text{ V}$		1, 2, 3		550	1000		17.2, 16.2

Over $0.85\text{ V} \leq V_{IN} \leq 7\text{ V}$, $V_{BIAS} \geq V_{OUT} + 1.6\text{ V}$ ($V_{IN} \leq V_{BIAS} \leq 14\text{ V}$ and $V_{BIAS} \geq 2.2\text{ V}$), V_{OUT} (target) = $V_{IN} - 1.6\text{ V}$, $I_{OUT} = 1\text{ mA}$, $C_{OUT} = 220\text{ }\mu\text{F}$ ¹, $R_{REF} = 12.0\text{ k}\Omega$, over operating temperature range ($T_A = -55^\circ\text{C}$ to $+125^\circ\text{C}$), typical values are at $T_A = 25^\circ\text{C}$, unless otherwise noted; includes RLAT at $T_A = 25^\circ\text{C}$ if sub-group number is present for QML RHA and SEP devices.²

PARAMETER		TEST CONDITIONS		SUB-GROUP ³	MIN	TYP	MAX	UNIT	Test(s)
ACCURACY									
V_{ACC}	Output voltage accuracy	$1\text{ mA} \leq I_{OUT} \leq 1.5\text{ A}$, $2.2\text{ V} \leq V_{BIAS} \leq 14\text{ V}$ ⁴ , $P_D \leq 4\text{ W}$ ⁵	$-55^\circ\text{C} \leq T_A \leq 125^\circ\text{C}$	1, 2, 3	-1.3%		1.2%		
			$T_A = -55^\circ\text{C}$	3	-1.3%		0.5%		
			$T_A = 25^\circ\text{C}$	1	-0.7%		0.9%		
			$T_A = 25^\circ\text{C}$, Post TID ⁶	1	-0.7%		1.1%		28.197 through 28.264
			$T_A = 125^\circ\text{C}$	2	-0.7%		1.2%		
I_{SET}	SS_SET pin current to set V_{OUT}		$-55^\circ\text{C} \leq T_A \leq 125^\circ\text{C}$	1, 2, 3	98.8	99.9	101		28.129, 28.130, 28.131, 28.132, 28.133, 28.134, 28.135, 28.161, 28.162, 28.163, 28.164, 28.165, 28.166, 28.181, 28.182, 28.183, 28.184
			$T_A = -55^\circ\text{C}$	3	98.8	99.4	100.3		
			$T_A = 25^\circ\text{C}$	1	99.0	100	100.9		28.136, 28.137, 28.138, 28.139, 28.140, 28.141, 28.142, 28.167, 28.168, 28.169, 28.170, 28.171, 28.172, 28.185, 28.186, 28.187, 28.188
			$T_A = 125^\circ\text{C}$	2	99.2	100.2	101		

Over $0.85\text{ V} \leq V_{IN} \leq 7\text{ V}$, $V_{BIAS} \geq V_{OUT} + 1.6\text{ V}$ ($V_{IN} \leq V_{BIAS} \leq 14\text{ V}$ and $V_{BIAS} \geq 2.2\text{ V}$), $V_{OUT}(\text{target}) = V_{IN} - 1.6\text{ V}$, $I_{OUT} = 1\text{ mA}$, $C_{OUT} = 220\text{ }\mu\text{F}$ ¹, $R_{REF} = 12.0\text{ k}\Omega$, over operating temperature range ($T_A = -55^\circ\text{C}$ to $+125^\circ\text{C}$), typical values are at $T_A = 25^\circ\text{C}$, unless otherwise noted; includes RLAT at $T_A = 25^\circ\text{C}$ if sub-group number is present for QML RHA and SEP devices.²

PARAMETER	TEST CONDITIONS	SUB-GROUP ³	MIN	TYP	MAX	UNIT	Test(s)	
V_{OS}	Output offset voltage ($V_{OUT} - V_{SS_SET}$)	$-55^\circ\text{C} \leq T_A \leq 125^\circ\text{C}$	1, 2, 3	-2.0		0.78	mV	
		$T_A = -55^\circ\text{C}$	3	-1.33	-0.2	0.78		
		$T_A = 25^\circ\text{C}$	1	-1.45	-0.25	0.76		
		$T_A = 25^\circ\text{C}$, Post TID ⁶	1	-1.45		1.5		
							28.265, 28.266, 28.267, 28.268, 28.269, 28.270, 28.271, 28.290, 28.291, 28.292, 28.293, 28.294, 28.295, 28.304, 28.305, 28.306, 28.307, 28.272, 28.273, 28.274, 28.275, 28.276, 28.277, 28.278, 28.296, 28.297, 28.298, 28.299, 28.300, 28.301, 28.308, 28.309, 28.310, 28.311	
$V_{OUT\text{temp}\text{co}}$	V_{OUT} temperature coefficient	T_A from -55°C to 125°C				0.004%	$V_{OUT}/^\circ\text{C}$	
		T_A from -55°C to -40°C				0.011%		
		T_A from -40°C to 0°C				0.007%		
		T_A from 0°C to 25°C				0.005%		
		T_A from 25°C to 85°C				0.003%		
		T_A from 85°C to 125°C				0.001%		
V_{REF}	Reference voltage		1, 2, 3	1.191	1.206	1.220	V	28.27 through 28.60
$\Delta V_{OUT}/\Delta V_{IN}$	Line regulation	$0.85\text{ V} \leq V_{IN} \leq 7\text{ V}$, $I_{OUT} = 1\text{ mA}$, $V_{BIAS} = 5\text{ V}$, $V_{OUT} = 0.4\text{ V}$	1, 2, 3		3	200	$\mu\text{V}/\text{V}$	28.316, 28.318, 28.320
$\Delta V_{OUT}/\Delta I_{OUT}$	Load regulation	$1\text{ mA} \leq I_{OUT} \leq 1.5\text{ A}$, $V_{BIAS} = 5\text{ V}$, $V_{IN} = 2.5\text{ V}$, $V_{OUT} = 1.8\text{ V}$	1, 2, 3		500	1000	$\mu\text{V}/\text{A}$	28.361
	Current sharing error percentage	$R_{\text{ballast}} = 10\text{ m}\Omega$, $T_A = 25^\circ\text{C}$					$\pm 1\%$	
							$\pm 0.1\%$	
$I_{OUTS(LKG)}$	OUTS leakage current		1, 2, 3		20	200	nA	28.21

Over $0.85\text{ V} \leq V_{IN} \leq 7\text{ V}$, $V_{BIAS} \geq V_{OUT} + 1.6\text{ V}$ ($V_{IN} \leq V_{BIAS} \leq 14\text{ V}$ and $V_{BIAS} \geq 2.2\text{ V}$), $V_{OUT}(\text{target}) = V_{IN} - 1.6\text{ V}$, $I_{OUT} = 1\text{ mA}$, $C_{OUT} = 220\text{ }\mu\text{F}$ ¹, $R_{REF} = 12.0\text{ k}\Omega$, over operating temperature range ($T_A = -55^\circ\text{C}$ to $+125^\circ\text{C}$), typical values are at $T_A = 25^\circ\text{C}$, unless otherwise noted; includes RLAT at $T_A = 25^\circ\text{C}$ if sub-group number is present for QML RHA and SEP devices.²

PARAMETER		TEST CONDITIONS	SUB-GROUP ³	MIN	TYP	MAX	UNIT	Test(s)
ENABLE								
$V_{EN(\text{rising})}$	Enable rising threshold (turn-on)		1, 2, 3	0.58	0.60	0.62	V	34.1, 34.5
$V_{EN(\text{falling})}$	Enable falling threshold (turn-off)		1, 2, 3	0.48	0.50	0.52		34.2, 34.6
$t_{EN(\text{delay})}$	EN propagation delay	EN high to $V_{OUT} = 10\text{ mV}$	9, 10, 11		90	500	μs	34.9, 34.11
$I_{EN(\text{LKG})}$	Enable input leakage current	$V_{EN} = 7\text{ V}$	1, 2, 3		3	150	nA	13.13, 34.10, 34.12
$T_{SD(\text{enter})}$	Thermal shutdown enter temperature				160		$^\circ\text{C}$	
$T_{SD(\text{exit})}$	Thermal shutdown exit temperature				130			
POWER GOOD								
$V_{FB_PG(\text{rising})}$	Power good rising threshold		1, 2, 3	290	306	313	mV	35.8, 36.8, 37.8
$V_{FB_PG(\text{HYS})}$	Power good hysteresis		1, 2, 3	7	14	19		35.10, 36.10, 37.10
$I_{FB_PG(\text{LKG})}$	FB_PG input leakage current	$V_{FB_PG} = 6\text{ V}$	1, 2, 3		9	150	nA	35.1, 36.1, 37.1, 38.1
$V_{PG(\text{OL})}$	Power good output low	$I_{PG(\text{SINK})} = 0\text{ mA to }2\text{ mA}$	1, 2, 3		113	200	mV	35.3, 36.3, 37.3
$V_{IN(\text{MIN_PG})}$	Minimum V_{IN} or V_{BIAS} for valid PG ($V_{PG} < 0.5\text{ V}$)	$I_{PG(\text{sink})} = 0.6\text{ mA}$	1, 2, 3		0.6	0.8	V	35.5, 36.5, 37.5
$I_{PG(\text{LKG})}$	Power good leakage	$V_{PG} = 7\text{ V}$, $V_{FB_PG} > V_{FB_PG(\text{rising threshold})}$	1, 2, 3		0.1	2	μA	35.2, 36.2, 37.2
SOFT START								
$I_{SS_SET(\text{start})}$	SS_SET pin current during startup		1, 2, 3	1.68	2.1	2.52	mA	41.1, 41.2
t_{SS}	Soft-start time	$V_{IN} = 2.5\text{ V}$, $V_{OUT} = 1.8\text{ V}$, $I_{OUT} = 1\text{ A}$, $R_{FB_PG(\text{top})} = 44.2\text{ k}\Omega$, $R_{FB_PG(\text{bot})} = 10\text{ k}\Omega$	$C_{SS} = 2.2\text{ }\mu\text{F}$		1.7		ms	
			$C_{SS} = 4.7\text{ }\mu\text{F}$		3.7			
			$C_{SS} = 10\text{ }\mu\text{F}$		7.8			

Over $0.85\text{ V} \leq V_{IN} \leq 7\text{ V}$, $V_{BIAS} \geq V_{OUT} + 1.6\text{ V}$ ($V_{IN} \leq V_{BIAS} \leq 14\text{ V}$ and $V_{BIAS} \geq 2.2\text{ V}$), $V_{OUT}(\text{target}) = V_{IN} - 1.6\text{ V}$, $I_{OUT} = 1\text{ mA}$, $C_{OUT} = 220\text{ }\mu\text{F}$ ¹, $R_{REF} = 12.0\text{ k}\Omega$, over operating temperature range ($T_A = -55^\circ\text{C}$ to $+125^\circ\text{C}$), typical values are at $T_A = 25^\circ\text{C}$, unless otherwise noted; includes RLAT at $T_A = 25^\circ\text{C}$ if sub-group number is present for QML RHA and SEP devices.²

PARAMETER		TEST CONDITIONS	SUB-GROUP ³	MIN	TYP	MAX	UNIT	Test(s)
NOISE AND PSRR								
PSRR	Power-supply rejection ratio	$V_{IN} = 2.5\text{ V}$, $V_{OUT} = 1.8\text{ V}$, $V_{BIAS} = 5\text{ V}$, $I_{OUT} = 1\text{ A}$, $C_{SS} = 4.7\text{ }\mu\text{F}$, $C_{BIAS} = 4.7\text{ }\mu\text{F}$, $R_{BIAS} = 10\text{ }\Omega$	$f_{\text{ripple}} = 100\text{ Hz}$		109		dB	
			$f_{\text{ripple}} = 1\text{ kHz}$		109			
			$f_{\text{ripple}} = 10\text{ kHz}$		90			
			$f_{\text{ripple}} = 100\text{ kHz}$		71			
			$f_{\text{ripple}} = 1\text{ MHz}$		66			
			$f_{\text{ripple}} = 10\text{ MHz}$		30			
PSRR _{BIAS}	Power-supply rejection ratio, V_{BIAS} to V_{OUT}	$V_{IN} = 2.5\text{ V}$, $V_{OUT} = 1.8\text{ V}$, $V_{BIAS} = 5\text{ V}$, $I_{OUT} = 1\text{ A}$, $C_{SS} = 4.7\text{ }\mu\text{F}$, $C_{BIAS} = 4.7\text{ }\mu\text{F}$, $R_{BIAS} = 10\text{ }\Omega$	$f_{\text{ripple}} = 100\text{ Hz}$		102		dB	
			$f_{\text{ripple}} = 1\text{ kHz}$		105			
			$f_{\text{ripple}} = 10\text{ kHz}$		87			
			$f_{\text{ripple}} = 100\text{ kHz}$		97			
			$f_{\text{ripple}} = 1\text{ MHz}$		118			
			$f_{\text{ripple}} = 10\text{ MHz}$		68			
V_N	Output noise rms voltage (Bandwidth from 10 Hz to 100 kHz)	$V_{IN} = 2.5\text{ V}$, $V_{OUT} = 1.8\text{ V}$, $V_{BIAS} = 5\text{ V}$, $I_{OUT} = 1\text{ A}$	$C_{SS} = 2.2\text{ }\mu\text{F}$		1.73		μV_{RMS}	
			$C_{SS} = 4.7\text{ }\mu\text{F}$		1.71			
			$C_{SS} = 10\text{ }\mu\text{F}$		1.69			
e_N	Output noise voltage density	$V_{IN} = 2.5\text{ V}$, $V_{OUT} = 1.8\text{ V}$, $V_{BIAS} = 5\text{ V}$, $I_{OUT} = 1\text{ A}$, $C_{SS} = 4.7\text{ }\mu\text{F}$	$f = 10\text{ Hz}$		97		nV/ $\sqrt{\text{Hz}}$	
			$f = 100\text{ Hz}$		11.2			
			$f = 1\text{ kHz}$		5.4			
			$f = 10\text{ kHz}$		5.6			
			$f = 100\text{ kHz}$		4.9			
			$f = 1\text{ MHz}$		1.6			
			$f = 10\text{ MHz}$		1.7			
STABILITY								
PM	Phase margin	$V_{IN} = 2.5\text{ V}$, $V_{OUT} = 1.8\text{ V}$, $I_{OUT} = 1.0\text{ A}$,			98		degrees	
GM	Gain margin	$C_{OUT} = 2 \times 100\text{ }\mu\text{F}$			19		dB	

1. A single 220- μF tantalum capacitor is used.
2. See the [5962R21203](#) SMD for additional information on the QML RHA devices and see the [V62/23602](#) VID for additional information on the SEP RHA devices.
3. The subgroups are only applicable for QML versions of the device; for subgroup definitions, see the [Quality Conformance Inspection](#) table.
4. Additionally, $V_{BIAS} \geq V_{IN}$ and $V_{BIAS} \geq V_{OUT} + 1.6\text{ V}$.
5. P_D is the internal power dissipation. When P_D exceeds 4 W, the current is lowered to avoid excessive local heating (due to tester limitations).
6. TID = 100krad(Si) for QMLV and QMLP parts and TID = 50krad(Si) for SEP parts.

Quality Conformance Inspection

MIL-STD-883, Method 5005 - Group A

SUBGROUP	DESCRIPTION	TEMPERATURE (°C)
1	Static tests at	25
2	Static tests at	125
3	Static tests at	-55
4	Dynamic tests at	25
5	Dynamic tests at	125
6	Dynamic tests at	-55
7	Functional tests at	25
8A	Functional tests at	125
8B	Functional tests at	-55
9	Switching tests at	25
10	Switching tests at	125
11	Switching tests at	-55

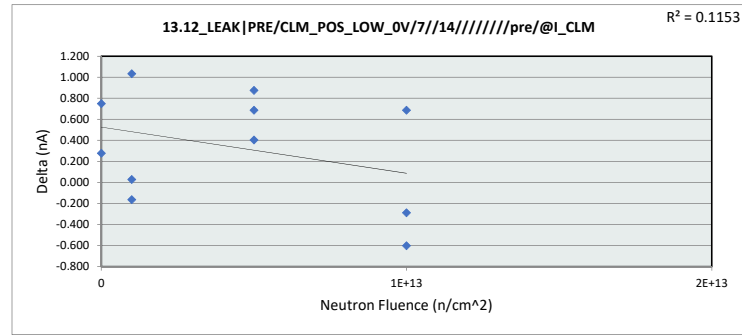
A Appendix: Test Results

This appendix contains the detailed NDD test results.

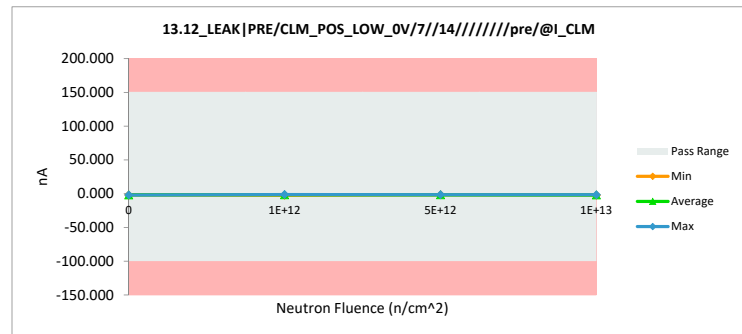
NDD Report TPS7H1111-SP

13.12_LEAK PRE/CLM_POS_LOW		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	nA	nA
Max Limit	150	150
Min Limit	-100	-100

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-2.165	-1.888	0.277
0	287	-2.636	-1.888	0.748
1E+12	169	-2.259	-2.423	-0.164
1E+12	170	-1.285	-1.258	0.027
1E+12	171	-2.542	-1.510	1.032
5E+12	172	-2.511	-1.825	0.686
5E+12	173	-2.039	-1.636	0.403
5E+12	174	-2.573	-1.699	0.874
1E+13	175	-2.353	-1.667	0.686
1E+13	176	-1.850	-2.139	-0.289
1E+13	177	-1.568	-2.171	-0.603
	Max	-1.285	-1.258	1.032
	Average	-2.162	-1.828	0.334
	Min	-2.636	-2.423	-0.603
	Std Dev	0.440	0.329	0.531



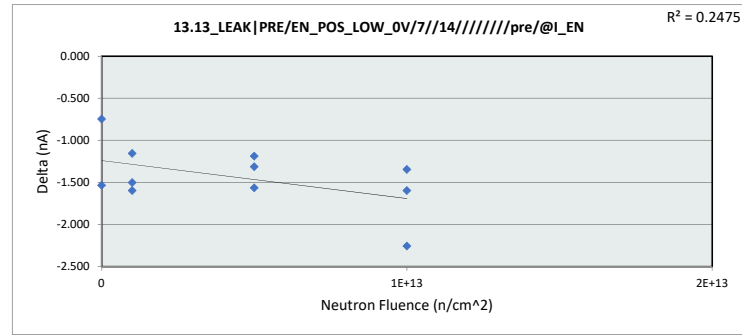
13.12_LEAK PRE/CLM_POS_LOW				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	150	nA		
Min Limit	-100	nA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-100.000	-100.000	-100.000	-100.000
Min	-1.888	-2.423	-1.825	-2.171
Average	-1.888	-1.730	-1.720	-1.992
Max	-1.888	-1.258	-1.636	-1.667
UL	150.000	150.000	150.000	150.000



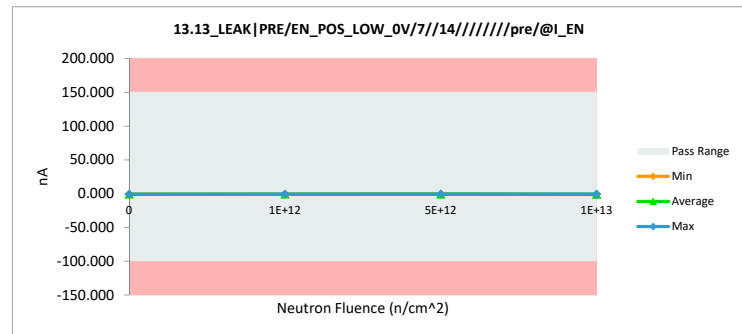
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13.13 LEAK PRE/EN_POS_LOW		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	nA	nA
Max Limit	150	150
Min Limit	-100	-100

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.162	-0.910	-0.748
0	287	0.624	-0.910	-1.534
1E+12	169	0.718	-0.879	-1.597
1E+12	170	0.561	-0.596	-1.157
1E+12	171	0.687	-0.816	-1.503
5E+12	172	0.687	-0.879	-1.566
5E+12	173	0.529	-0.785	-1.314
5E+12	174	0.498	-0.690	-1.188
1E+13	175	1.064	-1.193	-2.257
1E+13	176	0.310	-1.036	-1.346
1E+13	177	1.032	-0.565	-1.597
Max	1.064	-0.565	-0.748	
Average	0.595	-0.842	-1.437	
Min	-0.162	-1.193	-2.257	
Std Dev	0.334	0.184	0.373	



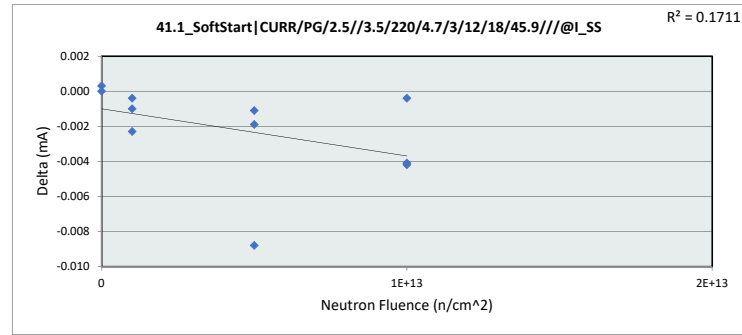
13.13 LEAK PRE/EN_POS_LOW				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	150	nA		
Min Limit	-100	nA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-100.000	-100.000	-100.000	-100.000
Min	-0.910	-0.879	-0.879	-1.193
Average	-0.910	-0.764	-0.785	-0.931
Max	-0.910	-0.596	-0.690	-0.565
UL	150.000	150.000	150.000	150.000



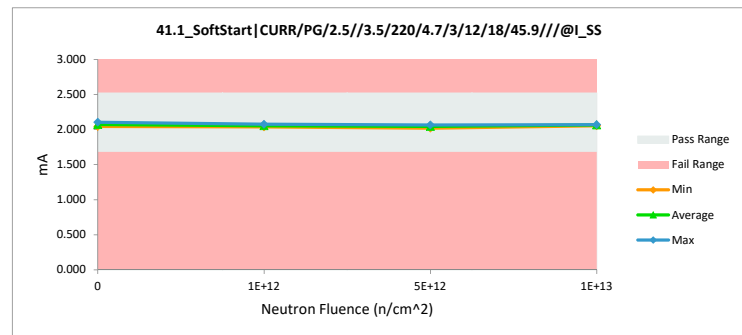
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41.1_SoftStart CURR/PG/2.5//3.5		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mA	mA
Max Limit	2.52	2.52
Min Limit	1.68	1.68

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	2.043	2.043	0.000
0	287	2.103	2.103	0.000
1E+12	169	2.050	2.049	-0.001
1E+12	170	2.075	2.075	0.000
1E+12	171	2.039	2.037	-0.002
5E+12	172	2.073	2.065	-0.009
5E+12	173	2.052	2.050	-0.002
5E+12	174	2.020	2.019	-0.001
1E+13	175	2.070	2.069	0.000
1E+13	176	2.074	2.070	-0.004
1E+13	177	2.059	2.054	-0.004
Max	2.103	2.103	0.000	
Average	2.060	2.058	-0.002	
Min	2.020	2.019	-0.009	
Std Dev	0.022	0.022	0.003	



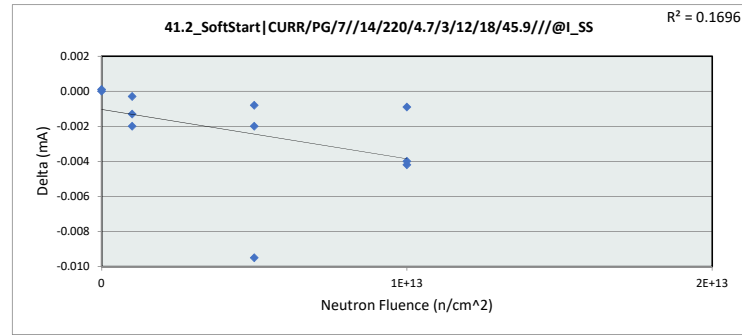
41.1_SoftStart CURR/PG/2.5//3.5				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	2.52	mA		
Min Limit	1.68	mA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.680	1.680	1.680	1.680
Min	2.043	2.037	2.019	2.054
Average	2.073	2.053	2.045	2.064
Max	2.103	2.075	2.065	2.070
UL	2.520	2.520	2.520	2.520



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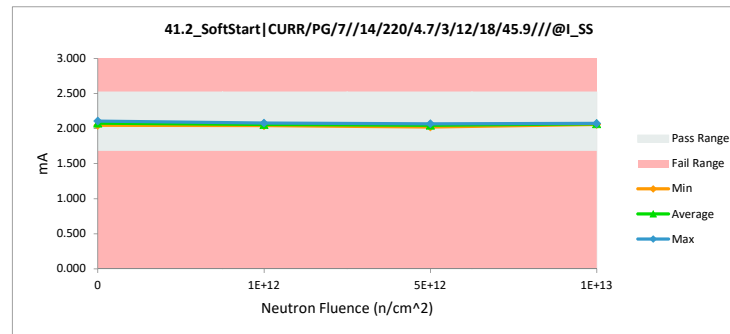
41.2_SoftStart CURR/PG/7//14		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mA	mA
Max Limit	2.52	2.52
Min Limit	1.68	1.68

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	2.046	2.046	0.000
0	287	2.106	2.106	0.000
1E+12	169	2.053	2.051	-0.001
1E+12	170	2.078	2.078	0.000
1E+12	171	2.042	2.040	-0.002
5E+12	172	2.076	2.067	-0.010
5E+12	173	2.055	2.053	-0.002
5E+12	174	2.023	2.022	-0.001
1E+13	175	2.073	2.072	-0.001
1E+13	176	2.077	2.073	-0.004
1E+13	177	2.062	2.057	-0.004
Max	2.106	2.106	0.000	
Average	2.063	2.060	-0.002	
Min	2.023	2.022	-0.010	
Std Dev	0.022	0.022	0.003	



41.2_SoftStart CURR/PG/7//14		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	2.52	mA
Min Limit	1.68	mA

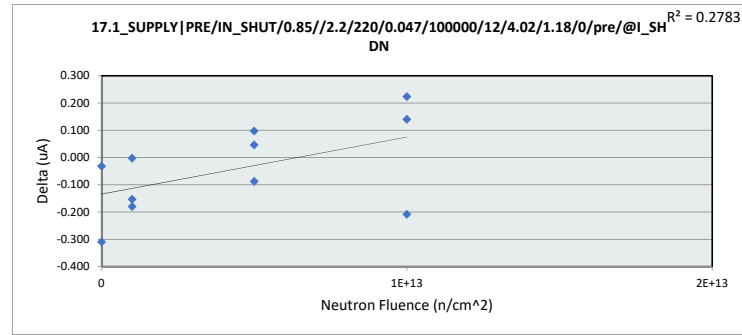
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.680	1.680	1.680	1.680
Min	2.046	2.040	2.022	2.057
Average	2.076	2.056	2.047	2.067
Max	2.106	2.078	2.067	2.073
UL	2.520	2.520	2.520	2.520



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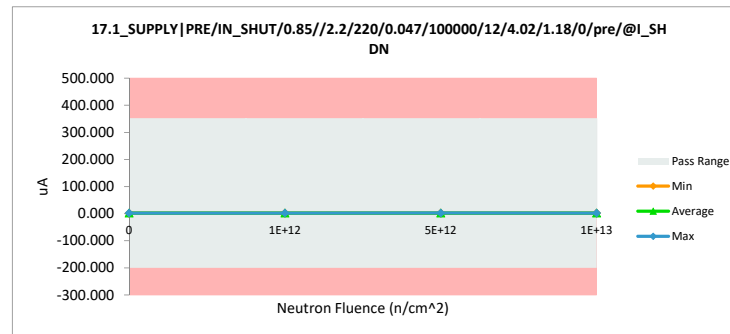
17.1_SUPPLY PRE IN_SHUT 0.8		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	350	350
Min Limit	-200	-200

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.853	1.821	-0.032
0	287	2.085	1.775	-0.310
1E+12	169	1.927	1.924	-0.003
1E+12	170	2.016	1.836	-0.180
1E+12	171	2.056	1.902	-0.154
5E+12	172	2.051	1.963	-0.088
5E+12	173	2.000	2.097	0.097
5E+12	174	1.970	2.016	0.046
1E+13	175	2.032	2.255	0.223
1E+13	176	2.079	1.870	-0.209
1E+13	177	1.937	2.077	0.140
Max	2.085	2.255	0.223	
Average	2.001	1.958	-0.043	
Min	1.853	1.775	-0.310	
Std Dev	0.072	0.143	0.163	



17.1_SUPPLY PRE IN_SHUT 0.8		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	350	uA
Min Limit	-200	uA

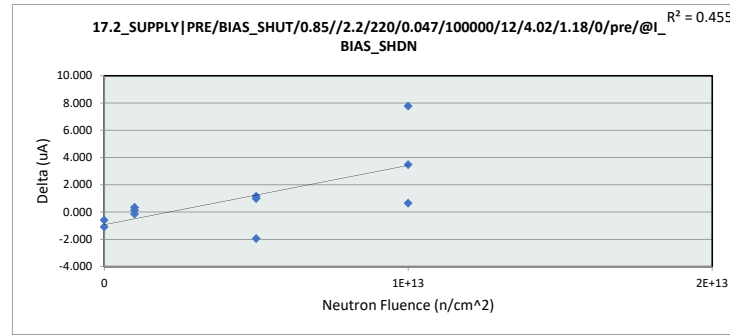
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-200.000	-200.000	-200.000	-200.000
Min	1.775	1.836	1.963	1.870
Average	1.798	1.887	2.025	2.067
Max	1.821	1.924	2.097	2.255
UL	350.000	350.000	350.000	350.000



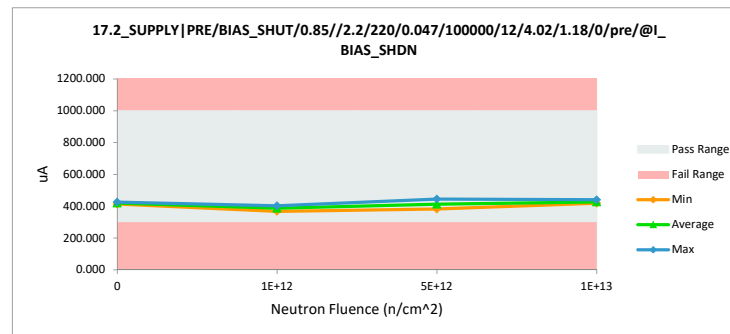
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17.2_SUPPLY PRE BIAS_SHUT/0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	1000	1000
Min Limit	300	300

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	426.230	425.634	-0.596
0	287	414.114	413.024	-1.090
1E+12	169	392.478	392.607	0.129
1E+12	170	367.329	367.665	0.336
1E+12	171	403.244	403.085	-0.159
5E+12	172	409.388	410.371	0.983
5E+12	173	443.576	444.723	1.147
5E+12	174	383.771	381.817	-1.954
1E+13	175	420.158	420.799	0.641
1E+13	176	432.428	440.197	7.769
1E+13	177	415.745	419.222	3.477
Max		443.576	444.723	7.769
Average		409.860	410.831	0.971
Min		367.329	367.665	-1.954
Std Dev		22.155	23.457	2.651



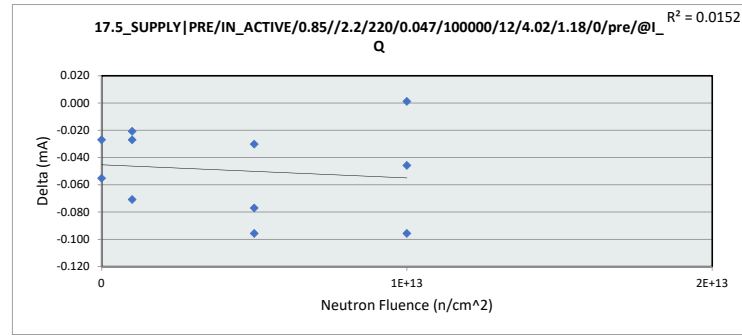
17.2_SUPPLY PRE BIAS_SHUT/0				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1000	uA		
Min Limit	300	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	300.000	300.000	300.000	300.000
Min	413.024	367.665	381.817	419.222
Average	419.329	387.786	412.304	426.739
Max	425.634	403.085	444.723	440.197
UL	1000.000	1000.000	1000.000	1000.000



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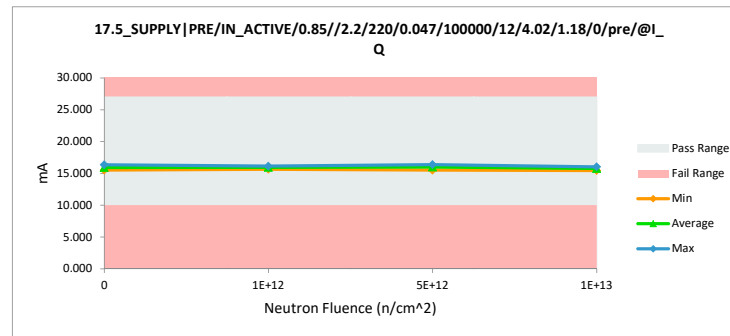
17.5_SUPPLY PRE/IN_ACTIVE/0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mA	mA
Max Limit	27	27
Min Limit	10	10

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	15.561	15.505	-0.055
0	287	16.371	16.343	-0.027
1E+12	169	16.073	16.046	-0.027
1E+12	170	16.202	16.131	-0.071
1E+12	171	15.676	15.656	-0.021
5E+12	172	16.167	16.090	-0.077
5E+12	173	16.405	16.375	-0.030
5E+12	174	15.598	15.502	-0.096
1E+13	175	16.067	16.021	-0.046
1E+13	176	15.848	15.849	0.001
1E+13	177	15.539	15.443	-0.096
Max	16.405	16.375	0.001	
Average	15.955	15.906	-0.050	
Min	15.539	15.443	-0.096	
Std Dev	0.324	0.336	0.032	



17.5_SUPPLY PRE/IN_ACTIVE		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	27	mA
Min Limit	10	mA

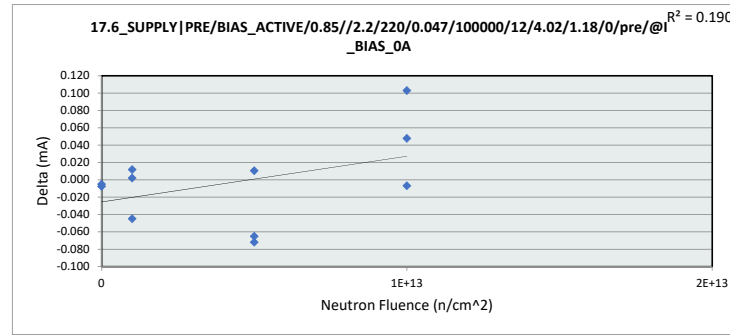
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	10.000	10.000	10.000	10.000
Min	15.506	15.656	15.502	15.443
Average	15.924	15.944	15.989	15.771
Max	16.343	16.131	16.375	16.021
UL	27.000	27.000	27.000	27.000



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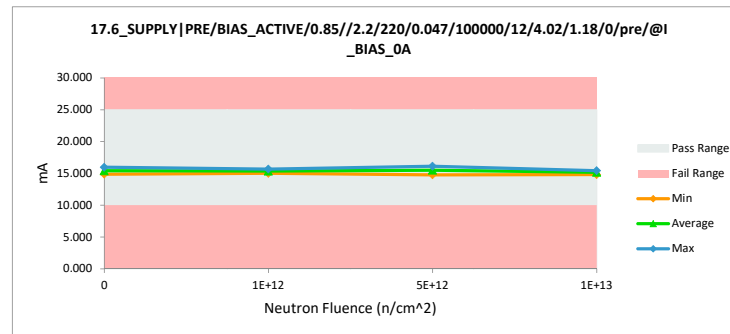
17.6_SUPPLY PRE BIAS_ACTIVE		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mA	mA
Max Limit	25	25
Min Limit	10	10

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	14.865	14.858	-0.008
0	287	15.962	15.957	-0.005
1E+12	169	15.658	15.669	0.012
1E+12	170	15.428	15.383	-0.045
1E+12	171	15.005	15.007	0.002
5E+12	172	15.635	15.569	-0.065
5E+12	173	16.124	16.135	0.010
5E+12	174	14.848	14.776	-0.072
1E+13	175	15.365	15.413	0.048
1E+13	176	15.215	15.318	0.103
1E+13	177	14.808	14.801	-0.007
Max	16.124	16.135	0.103	
Average	15.356	15.353	-0.002	
Min	14.808	14.776	-0.072	
Std Dev	0.455	0.462	0.050	



17.6_SUPPLY PRE BIAS_ACTIVE		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	25	mA
Min Limit	10	mA

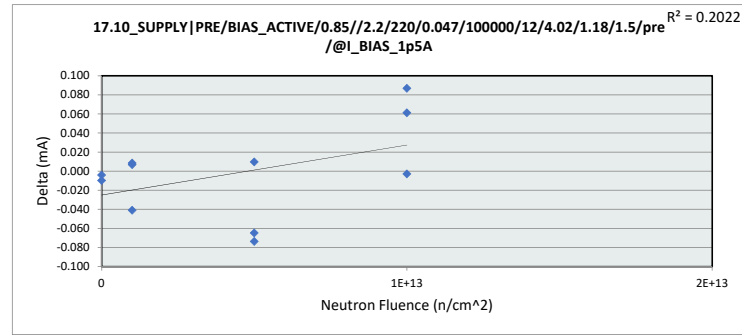
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	10.000	10.000	10.000	10.000
Min	14.858	15.007	14.776	14.801
Average	15.407	15.353	15.494	15.177
Max	15.957	15.669	16.135	15.413
UL	25.000	25.000	25.000	25.000



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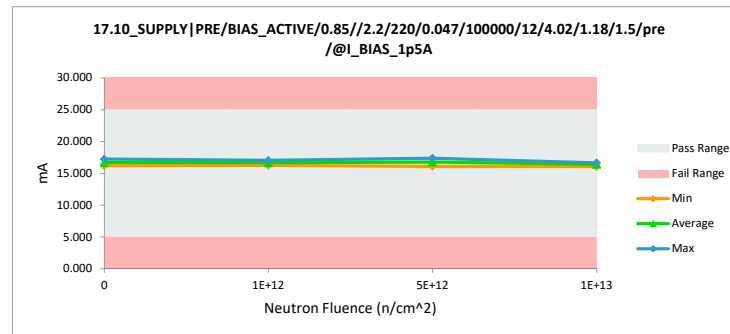
17.10_SUPPLY PRE BIAS_ACTIV		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mA	mA
Max Limit	25	25
Min Limit	5	5

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	16.210	16.200	-0.010
0	287	17.241	17.237	-0.004
1E+12	169	17.025	17.033	0.008
1E+12	170	16.750	16.709	-0.041
1E+12	171	16.248	16.255	0.007
5E+12	172	16.943	16.878	-0.065
5E+12	173	17.363	17.373	0.010
5E+12	174	16.156	16.082	-0.074
1E+13	175	16.599	16.660	0.061
1E+13	176	16.483	16.570	0.087
1E+13	177	16.069	16.066	-0.003
Max	17.363	17.373	0.087	
Average	16.644	16.642	-0.002	
Min	16.069	16.066	-0.074	
Std Dev	0.454	0.458	0.048	



17.10_SUPPLY PRE BIAS_ACTIV		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	25	mA
Min Limit	5	mA

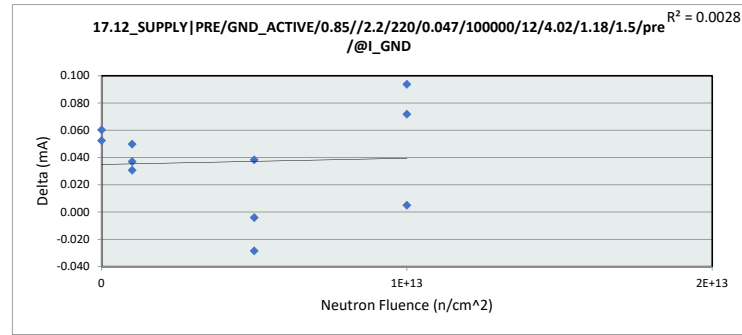
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	5.000	5.000	5.000	5.000
Min	16.200	16.255	16.082	16.066
Average	16.719	16.666	16.778	16.432
Max	17.237	17.033	17.373	16.660
UL	25.000	25.000	25.000	25.000



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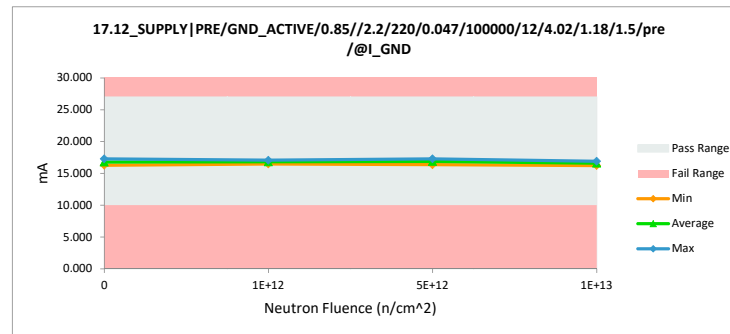
17.12_SUPPLY PRE/GND_ACTIV		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mA	mA
Max Limit	27	27
Min Limit	10	10

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	16.217	16.277	0.060
0	287	17.225	17.278	0.052
1E+12	169	16.837	16.886	0.050
1E+12	170	17.029	17.060	0.031
1E+12	171	16.441	16.478	0.037
5E+12	172	16.986	16.982	-0.004
5E+12	173	17.238	17.276	0.038
5E+12	174	16.382	16.353	-0.029
1E+13	175	16.833	16.904	0.072
1E+13	176	16.571	16.665	0.094
1E+13	177	16.224	16.229	0.005
	Max	17.238	17.278	0.094
	Average	16.726	16.763	0.037
	Min	16.217	16.229	-0.029
	Std Dev	0.378	0.385	0.035



17.12_SUPPLY PRE/GND_ACTIV		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	27	mA
Min Limit	10	mA

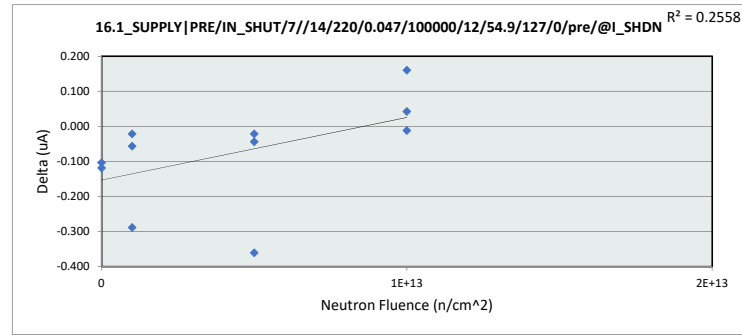
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	10.000	10.000	10.000	10.000
Min	16.277	16.478	16.353	16.229
Average	16.778	16.808	16.870	16.599
Max	17.278	17.060	17.276	16.904
UL	27.000	27.000	27.000	27.000



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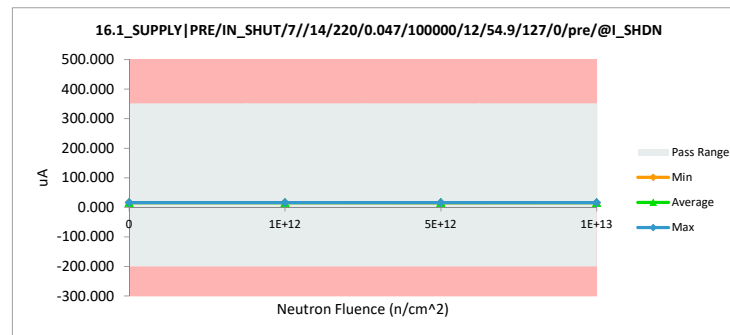
16.1_SUPPLY PRE/IN_SHUT/7/		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	350	350
Min Limit	-200	-200

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	16.024	15.905	-0.119
0	287	15.965	15.861	-0.104
1E+12	169	16.042	15.753	-0.289
1E+12	170	15.914	15.857	-0.057
1E+12	171	15.872	15.850	-0.022
5E+12	172	15.996	15.952	-0.044
5E+12	173	16.032	16.010	-0.022
5E+12	174	16.020	15.659	-0.361
1E+13	175	15.601	15.761	0.160
1E+13	176	15.806	15.848	0.042
1E+13	177	16.083	16.071	-0.012
	Max	16.083	16.071	0.160
	Average	15.941	15.866	-0.075
	Min	15.601	15.659	-0.361
	Std Dev	0.140	0.118	0.145



16.1_SUPPLY PRE/IN_SHUT/7/		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	350	uA
Min Limit	-200	uA

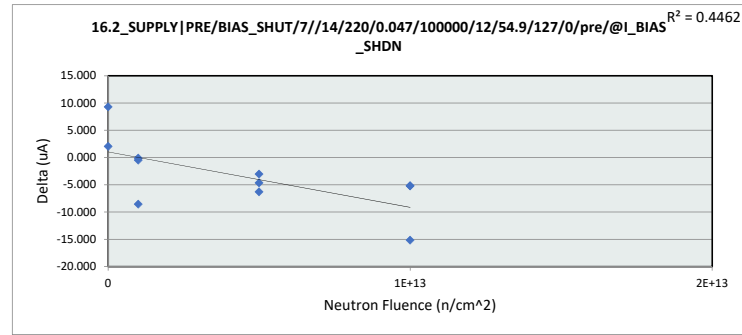
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-200.000	-200.000	-200.000	-200.000
Min	15.861	15.753	15.659	15.761
Average	15.883	15.820	15.874	15.893
Max	15.905	15.857	16.010	16.071
UL	350.000	350.000	350.000	350.000



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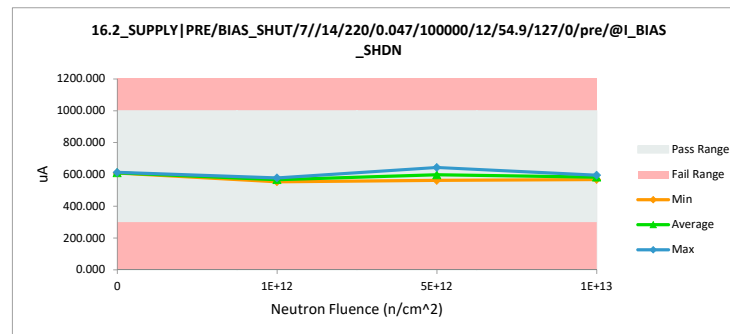
16.2_SUPPLY PRE/BIAS_SHUT/		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	1000	1000
Min Limit	300	300

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	602.751	612.026	9.275
0	287	606.360	608.384	2.024
1E+12	169	575.867	567.295	-8.572
1E+12	170	554.115	554.002	-0.113
1E+12	171	578.227	577.745	-0.482
5E+12	172	589.309	586.257	-3.052
5E+12	173	648.176	643.517	-4.659
5E+12	174	568.354	562.055	-6.299
1E+13	175	601.338	586.179	-15.159
1E+13	176	599.597	594.369	-5.228
1E+13	177	572.795	567.617	-5.178
	Max	648.176	643.517	9.275
	Average	590.626	587.222	-3.404
	Min	554.115	554.002	-15.159
	Std Dev	25.342	26.255	6.253



16.2_SUPPLY PRE/BIAS_SHUT/		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1000	uA
Min Limit	300	uA

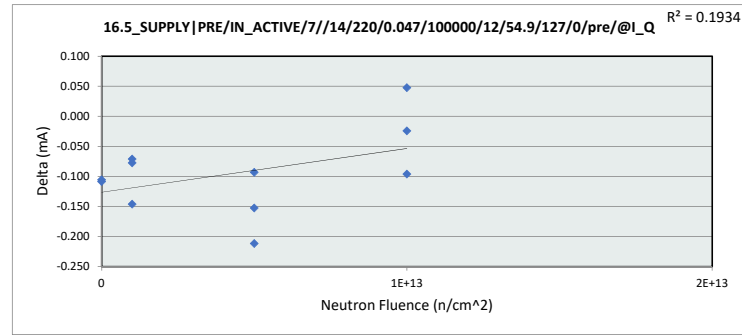
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	300.000	300.000	300.000	300.000
Min	608.384	554.002	562.055	567.617
Average	610.205	566.347	597.276	587.222
Max	612.026	577.745	643.517	594.369
UL	1000.000	1000.000	1000.000	1000.000



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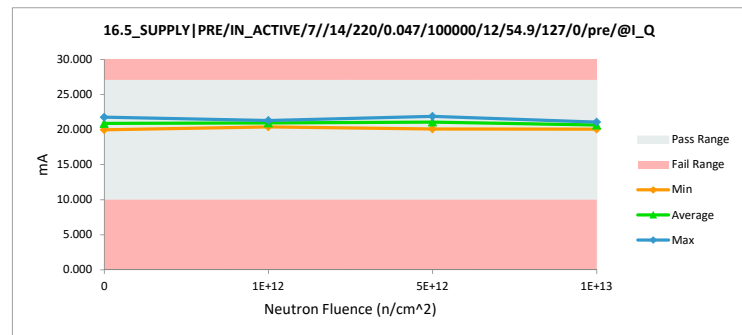
16.5_SUPPLY PRE/IN_ACTIVE/7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mA	mA
Max Limit	27	27
Min Limit	10	10

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	20.069	19.961	-0.109
0	287	21.861	21.755	-0.106
1E+12	169	21.208	21.130	-0.078
1E+12	170	21.433	21.287	-0.146
1E+12	171	20.445	20.374	-0.071
5E+12	172	21.408	21.255	-0.153
5E+12	173	21.974	21.881	-0.093
5E+12	174	20.292	20.080	-0.212
1E+13	175	21.083	21.058	-0.024
1E+13	176	20.764	20.811	0.048
1E+13	177	20.145	20.048	-0.096
Max	21.974	21.881	0.048	
Average	20.971	20.876	-0.095	
Min	20.069	19.961	-0.212	
Std Dev	0.674	0.679	0.068	



16.5_SUPPLY PRE/IN_ACTIVE		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	27	mA
Min Limit	10	mA

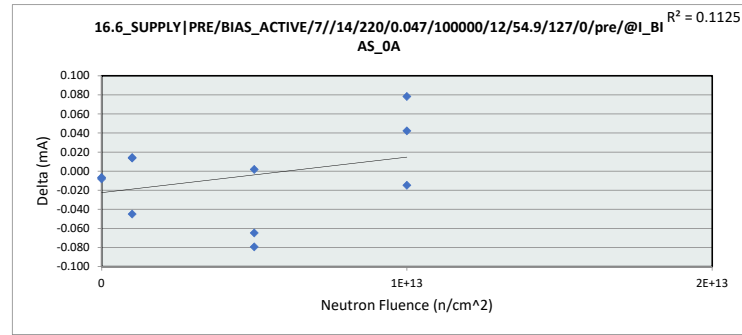
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	10.000	10.000	10.000	10.000
Min	19.961	20.374	20.080	20.048
Average	20.858	20.930	21.072	20.639
Max	21.755	21.287	21.881	21.058
UL	27.000	27.000	27.000	27.000



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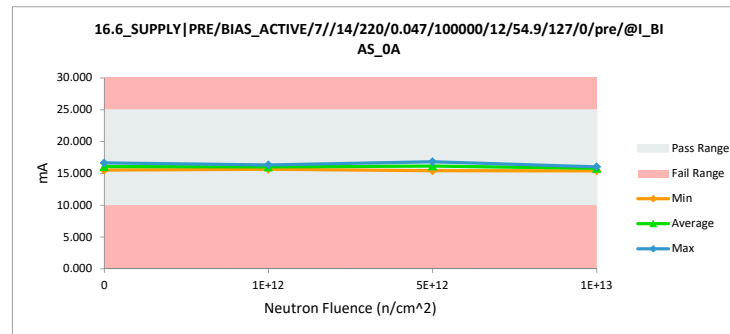
16.6_SUPPLY PRE/BIAS_ACTIVE		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mA	mA
Max Limit	25	25
Min Limit	10	10

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	15.506	15.499	-0.007
0	287	16.641	16.632	-0.008
1E+12	169	16.309	16.323	0.014
1E+12	170	16.085	16.040	-0.045
1E+12	171	15.633	15.647	0.014
5E+12	172	16.302	16.237	-0.065
5E+12	173	16.818	16.820	0.002
5E+12	174	15.486	15.407	-0.079
1E+13	175	15.995	16.037	0.042
1E+13	176	15.863	15.941	0.078
1E+13	177	15.417	15.402	-0.015
	Max	16.818	16.820	0.078
	Average	16.005	15.999	-0.006
	Min	15.417	15.402	-0.079
	Std Dev	0.477	0.482	0.046



16.6_SUPPLY PRE/BIAS_ACTIVE		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	25	mA
Min Limit	10	mA

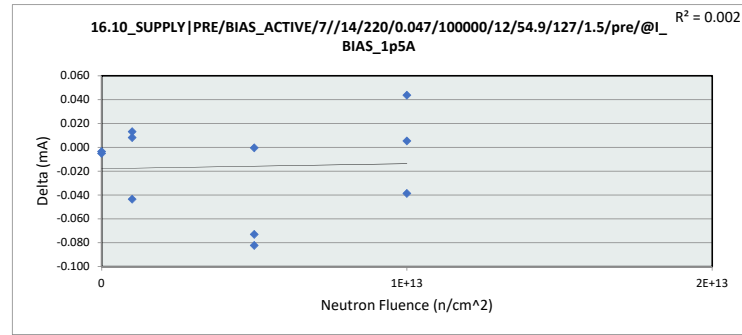
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	10.000	10.000	10.000	10.000
Min	15.499	15.647	15.407	15.402
Average	16.066	16.003	16.154	15.794
Max	16.633	16.323	16.820	16.037
UL	25.000	25.000	25.000	25.000



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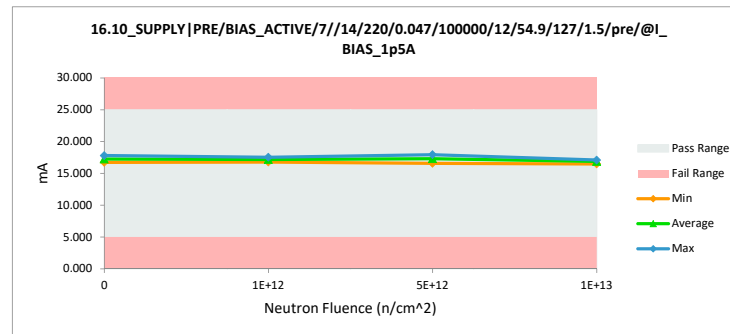
16.10_SUPPLY PRE BIAS_ACTIV		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mA	mA
Max Limit	25	25
Min Limit	5	5

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	16.723	16.718	-0.005
0	287	17.801	17.797	-0.004
1E+12	169	17.517	17.530	0.013
1E+12	170	17.283	17.239	-0.044
1E+12	171	16.760	16.768	0.008
5E+12	172	17.498	17.424	-0.073
5E+12	173	17.945	17.945	-0.001
5E+12	174	16.656	16.574	-0.082
1E+13	175	17.089	17.094	0.005
1E+13	176	16.993	17.037	0.044
1E+13	177	16.518	16.479	-0.039
Max	17.945	17.945	0.044	
Average	17.162	17.146	-0.016	
Min	16.518	16.479	-0.082	
Std Dev	0.483	0.491	0.039	



16.10_SUPPLY PRE BIAS_ACTIV		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	25	mA
Min Limit	5	mA

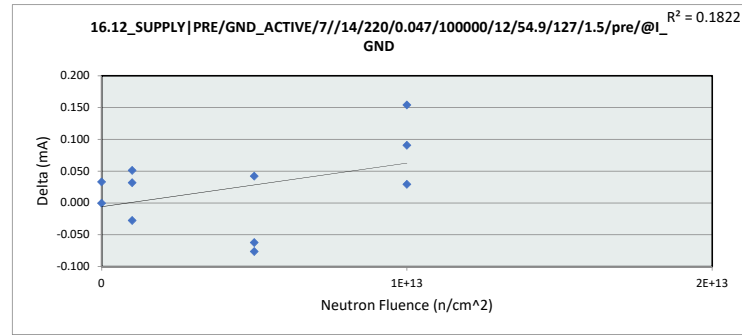
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	5.000	5.000	5.000	5.000
Min	16.718	16.768	16.574	16.479
Average	17.258	17.179	17.314	16.870
Max	17.797	17.530	17.945	17.094
UL	25.000	25.000	25.000	25.000



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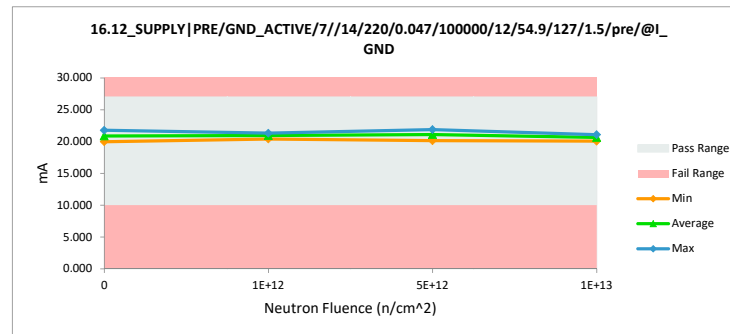
16.12_SUPPLY PRE/GND_ACTIV		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mA	mA
Max Limit	27	27
Min Limit	10	10

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	19.937	19.969	0.033
0	287	21.762	21.761	0.000
1E+12	169	21.102	21.133	0.032
1E+12	170	21.335	21.307	-0.028
1E+12	171	20.346	20.397	0.051
5E+12	172	21.330	21.267	-0.062
5E+12	173	21.851	21.893	0.042
5E+12	174	20.206	20.129	-0.076
1E+13	175	20.987	21.078	0.091
1E+13	176	20.684	20.838	0.154
1E+13	177	20.028	20.057	0.029
Max	21.851	21.893	0.154	
Average	20.870	20.894	0.024	
Min	19.937	19.969	-0.076	
Std Dev	0.677	0.674	0.066	



16.12_SUPPLY PRE/GND_ACTIV		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	27	mA
Min Limit	10	mA

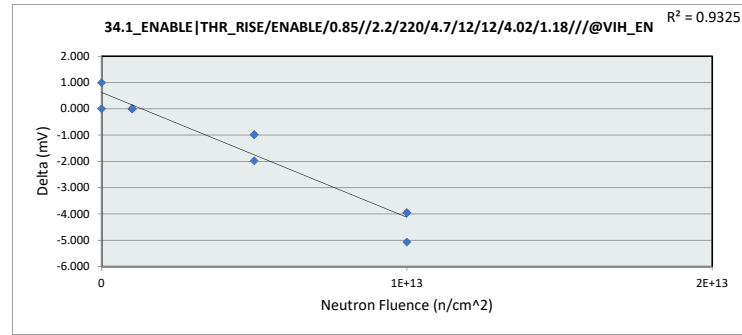
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	10.000	10.000	10.000	10.000
Min	19.970	20.397	20.129	20.057
Average	20.866	20.946	21.096	20.658
Max	21.762	21.307	21.893	21.078
UL	27.000	27.000	27.000	27.000



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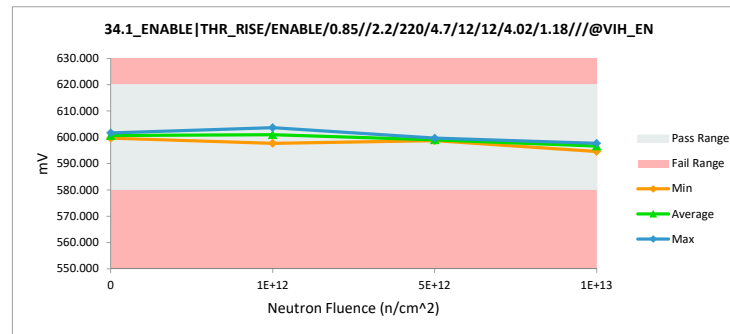
34.1_ENABLE THR_RISE/ENABL		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	620	620
Min Limit	580	580

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	599.685	599.685	0.000
0	287	600.674	601.663	0.989
1E+12	169	601.663	601.663	0.000
1E+12	170	603.642	603.642	0.000
1E+12	171	597.706	597.706	0.000
5E+12	172	600.674	599.685	-0.989
5E+12	173	599.685	598.696	-0.989
5E+12	174	600.674	598.696	-1.978
1E+13	175	599.685	594.615	-5.070
1E+13	176	601.663	597.706	-3.957
1E+13	177	601.663	597.706	-3.957
Max	603.642	603.642	0.989	
Average	600.674	599.224	-1.450	
Min	597.706	594.615	-5.070	
Std Dev	1.533	2.461	2.018	



34.1_ENABLE THR_RISE/ENABL		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	620	mV
Min Limit	580	mV

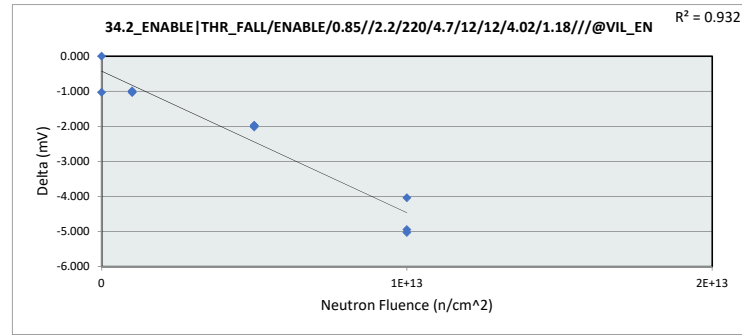
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	580.000	580.000	580.000	580.000
Min	599.685	597.706	598.696	594.615
Average	600.674	601.004	599.026	596.676
Max	601.663	603.642	599.685	597.706
UL	620.000	620.000	620.000	620.000



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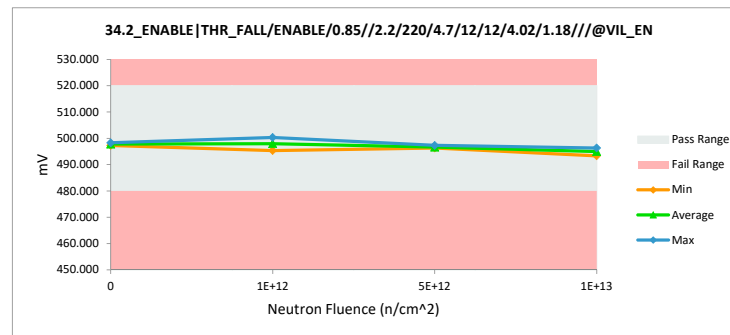
		34.2_ENABLE THR_FALL/ENABL	
Test Site		Dallas	Dallas
Tester		ETS-364	ETS-364
Test Number		EB5445	EB5445
Unit		mV	mV
Max Limit		520	520
Min Limit		480	480

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	497.295	497.295	0.000
0	287	499.315	498.284	-1.031
1E+12	169	499.315	498.284	-1.031
1E+12	170	501.376	500.345	-1.031
1E+12	171	496.306	495.317	-0.989
5E+12	172	499.315	497.295	-2.020
5E+12	173	498.284	496.306	-1.978
5E+12	174	498.284	496.306	-1.978
1E+13	175	498.284	493.338	-4.946
1E+13	176	500.345	496.306	-4.039
1E+13	177	500.345	495.317	-5.028
Max		501.376	500.345	0.000
Average		498.951	496.763	-2.188
Min		496.306	493.338	-5.028
Std Dev		1.457	1.859	1.716



		34.2_ENABLE THR_FALL/ENABL	
Test Site		Dallas	Dallas
Tester		ETS-364	ETS-364
Test Number		EB5445	EB5445
Max Limit		520	mV
Min Limit		480	mV

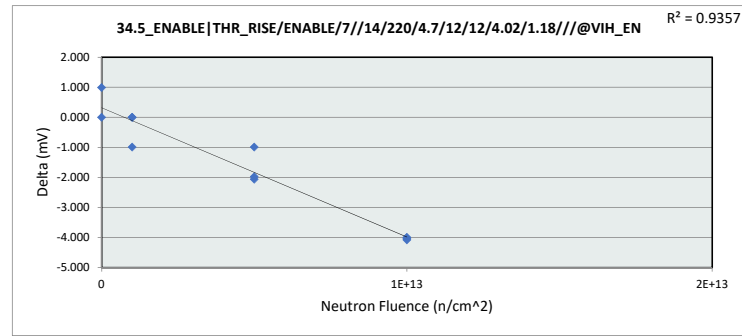
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	480.000	480.000	480.000	480.000
Min	497.295	495.317	496.306	493.338
Average	497.790	497.982	496.636	494.987
Max	498.284	500.345	497.295	496.306
UL	520.000	520.000	520.000	520.000



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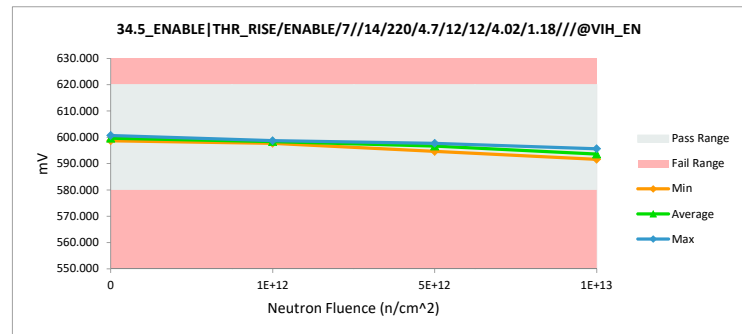
34.5_ENABLE THR_RISE/ENABL		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	620	620
Min Limit	580	580

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	598.696	598.696	0.000
0	287	599.685	600.674	0.989
1E+12	169	598.696	598.696	0.000
1E+12	170	598.696	598.696	0.000
1E+12	171	598.696	597.706	-0.990
5E+12	172	599.685	597.706	-1.979
5E+12	173	596.676	594.615	-2.061
5E+12	174	598.696	597.706	-0.990
1E+13	175	595.645	591.647	-3.998
1E+13	176	599.685	595.645	-4.040
1E+13	177	597.706	593.626	-4.080
Max		599.685	600.674	0.989
Average		598.415	596.856	-1.559
Min		595.645	591.647	-4.080
Std Dev		1.282	2.664	1.825



34.5_ENABLE THR_RISE/ENABL		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	620	mV
Min Limit	580	mV

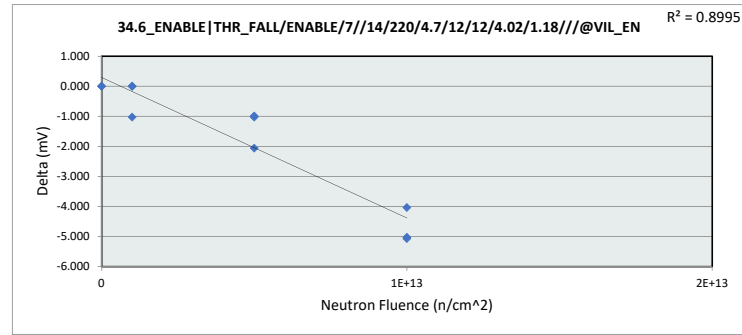
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	580.000	580.000	580.000	580.000
Min	598.696	597.706	594.615	591.647
Average	599.685	598.366	596.676	593.639
Max	600.674	598.696	597.706	595.645
UL	620.000	620.000	620.000	620.000



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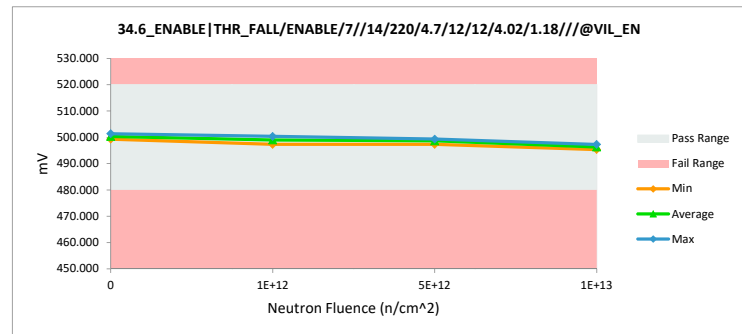
34.6_ENABLE THR_FALL/ENABL		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	520	520
Min Limit	480	480

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	499.315	499.315	0.000
0	287	501.376	501.376	0.000
1E+12	169	499.315	499.315	0.000
1E+12	170	501.376	500.345	-1.031
1E+12	171	497.295	497.295	0.000
5E+12	172	500.345	499.315	-1.030
5E+12	173	498.284	497.295	-0.989
5E+12	174	501.376	499.315	-2.061
1E+13	175	500.345	495.317	-5.028
1E+13	176	502.365	497.295	-5.070
1E+13	177	500.345	496.306	-4.039
Max		502.365	501.376	0.000
Average		500.158	498.408	-1.750
Min		497.295	495.317	-5.070
Std Dev		1.502	1.831	2.024



34.6_ENABLE THR_FALL/ENABL		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	520	mV
Min Limit	480	mV

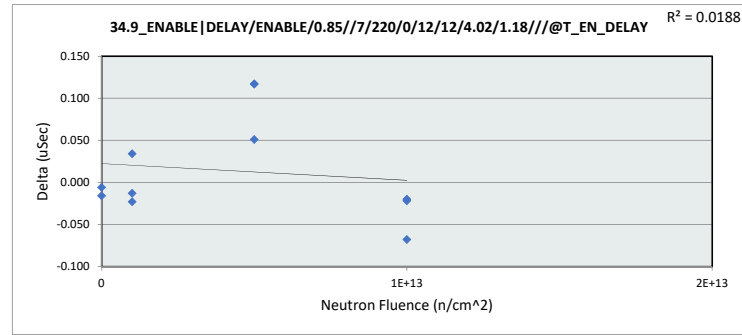
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	480.000	480.000	480.000	480.000
Min	499.315	497.295	497.295	495.317
Average	500.346	498.985	498.642	496.306
Max	501.376	500.345	499.315	497.295
UL	520.000	520.000	520.000	520.000



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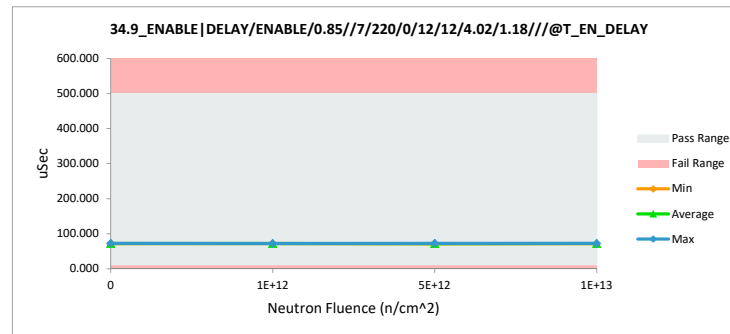
34.9_ENABLE DELAY/ENABLE/0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uSec	uSec
Max Limit	500	500
Min Limit	10	10

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	72.602	72.596	-0.006
0	287	71.760	71.744	-0.016
1E+12	169	71.923	71.957	0.034
1E+12	170	72.193	72.170	-0.023
1E+12	171	72.246	72.233	-0.013
5E+12	172	71.886	72.003	0.117
5E+12	173	71.243	71.294	0.051
5E+12	174	72.497	72.614	0.117
1E+13	175	72.050	72.030	-0.020
1E+13	176	72.050	71.982	-0.068
1E+13	177	72.408	72.386	-0.022
Max		72.602	72.614	0.117
Average		72.078	72.092	0.014
Min		71.243	71.294	-0.068
Std Dev		0.382	0.379	0.060



34.9_ENABLE DELAY/ENABLE/		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	500	uSec
Min Limit	10	uSec

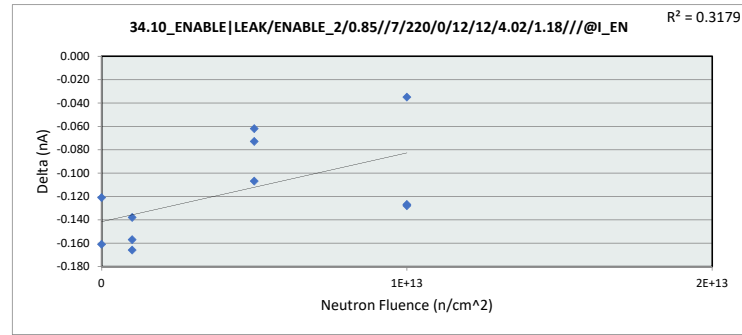
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	10.000	10.000	10.000	10.000
Min	71.744	71.957	71.294	71.982
Average	72.170	72.120	71.970	72.133
Max	72.596	72.233	72.614	72.386
UL	500.000	500.000	500.000	500.000



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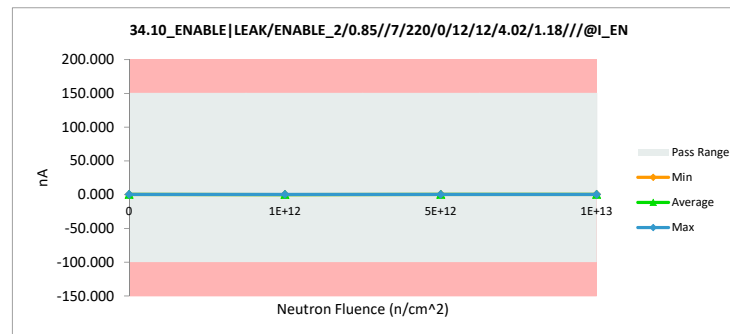
34.10_ENABLE LEAK/ENABLE_2		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	nA	nA
Max Limit	150	150
Min Limit	-100	-100

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.409	0.248	-0.161
0	287	0.405	0.284	-0.121
1E+12	169	0.389	0.223	-0.166
1E+12	170	0.390	0.252	-0.138
1E+12	171	0.416	0.259	-0.157
5E+12	172	0.389	0.316	-0.073
5E+12	173	0.339	0.277	-0.062
5E+12	174	0.373	0.266	-0.107
1E+13	175	0.419	0.292	-0.127
1E+13	176	0.347	0.312	-0.035
1E+13	177	0.405	0.277	-0.128
Max	0.419	0.316	-0.035	
Average	0.389	0.273	-0.116	
Min	0.339	0.223	-0.166	
Std Dev	0.027	0.028	0.043	



34.10_ENABLE LEAK/ENABLE_2		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	150	nA
Min Limit	-100	nA

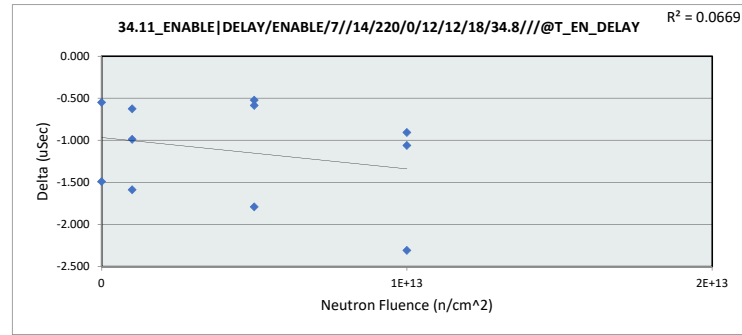
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-100.000	-100.000	-100.000	-100.000
Min	0.248	0.223	0.266	0.277
Average	0.266	0.245	0.286	0.294
Max	0.284	0.259	0.316	0.312
UL	150.000	150.000	150.000	150.000



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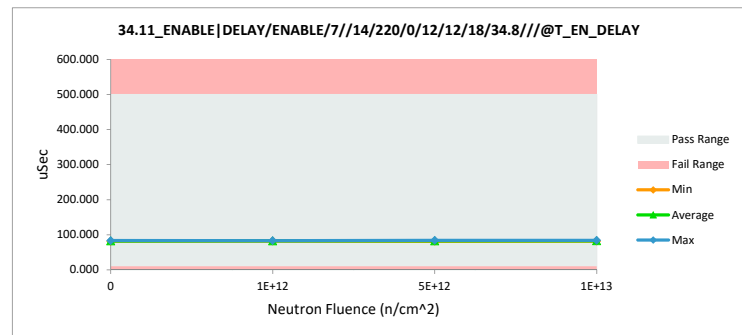
34.11_ENABLE DELAY/ENABLE/7//14/220/0/12/12/18/34.8///@T_EN_DELAY		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uSec	uSec
Max Limit	500	500
Min Limit	10	10

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	84.749	83.258	-1.491
0	287	82.159	81.609	-0.550
1E+12	169	82.464	81.838	-0.626
1E+12	170	83.533	82.545	-0.988
1E+12	171	84.692	83.104	-1.588
5E+12	172	82.647	82.062	-0.585
5E+12	173	81.800	81.278	-0.522
5E+12	174	85.932	84.141	-1.791
1E+13	175	82.850	81.943	-0.907
1E+13	176	83.236	82.174	-1.062
1E+13	177	86.323	84.014	-2.309
Max	86.323	84.141	-0.522	
Average	83.671	82.542	-1.129	
Min	81.800	81.278	-2.309	
Std Dev	1.534	0.961	0.591	



34.11_ENABLE DELAY/ENABLE/7//14/220/0/12/12/18/34.8///@T_EN_DELAY		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	500	uSec
Min Limit	10	uSec

Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	10.000	10.000	10.000	10.000
Min	81.609	81.838	81.278	81.943
Average	82.434	82.496	82.494	82.710
Max	83.258	83.104	84.141	84.014
UL	500.000	500.000	500.000	500.000

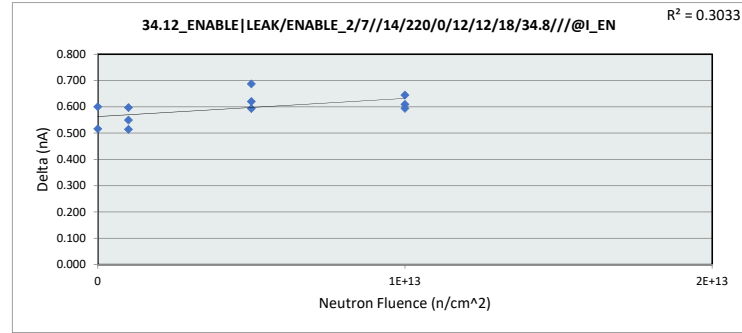


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34.12_ENABLE|LEAK/ENABLE_2

Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	nA	nA
Max Limit	150	150
Min Limit	-100	-100

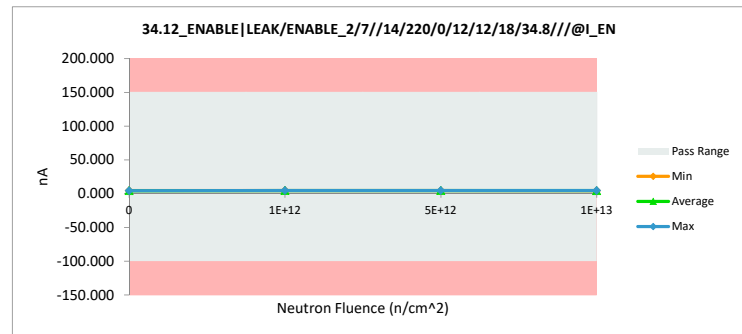
Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	3.962	4.478	0.516
0	287	3.882	4.482	0.600
1E+12	169	3.980	4.529	0.549
1E+12	170	4.011	4.525	0.514
1E+12	171	3.933	4.530	0.597
5E+12	172	4.141	4.734	0.593
5E+12	173	3.813	4.500	0.687
5E+12	174	3.833	4.453	0.620
1E+13	175	3.894	4.503	0.609
1E+13	176	3.892	4.536	0.644
1E+13	177	3.853	4.447	0.594
	Max	4.141	4.734	0.687
	Average	3.927	4.520	0.593
	Min	3.813	4.447	0.514
	Std Dev	0.094	0.077	0.052



34.12_ENABLE|LEAK/ENABLE

Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	150 nA
Min Limit	-100 nA

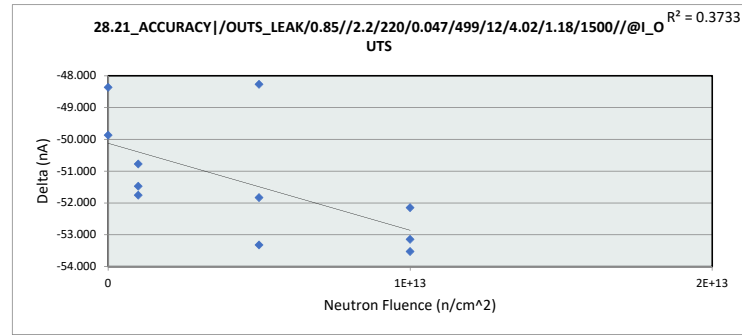
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-100.000	-100.000	-100.000	-100.000
Min	4.478	4.525	4.453	4.447
Average	4.480	4.528	4.562	4.495
Max	4.482	4.530	4.734	4.536
UL	150.000	150.000	150.000	150.000



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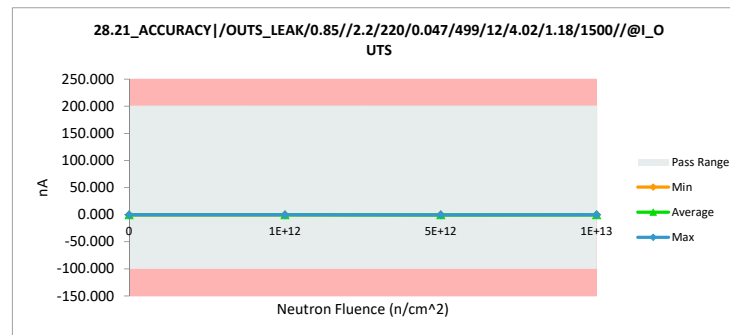
28.21_ACCURACY//OUTS_LEAK/		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	nA	nA
Max Limit	200	200
Min Limit	-100	-100

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	48.043	-0.325	-48.368
0	287	49.398	-0.475	-49.873
1E+12	169	51.133	-0.343	-51.476
1E+12	170	51.420	-0.337	-51.757
1E+12	171	50.447	-0.331	-50.778
5E+12	172	52.937	-0.387	-53.324
5E+12	173	51.439	-0.393	-51.832
5E+12	174	47.794	-0.475	-48.269
1E+13	175	53.181	-0.350	-53.531
1E+13	176	51.807	-0.343	-52.150
1E+13	177	52.868	-0.281	-53.149
	Max	53.181	-0.281	-48.269
	Average	50.952	-0.367	-51.319
	Min	47.794	-0.475	-53.531
	Std Dev	1.868	0.061	1.839



28.21_ACCURACY//OUTS_LEAK/		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	200	nA
Min Limit	-100	nA

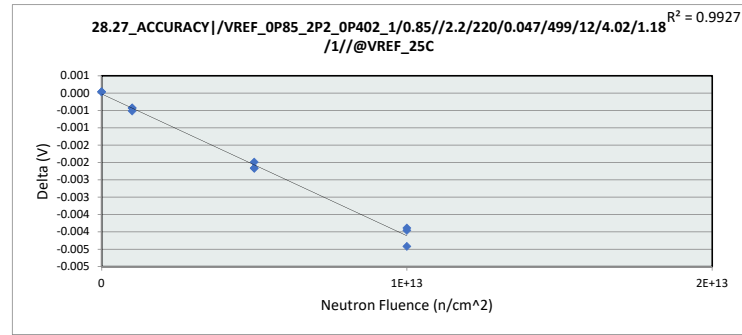
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-100.000	-100.000	-100.000	-100.000
Min	-0.475	-0.343	-0.475	-0.350
Average	-0.400	-0.337	-0.418	-0.325
Max	-0.325	-0.331	-0.387	-0.281
UL	200.000	200.000	200.000	200.000



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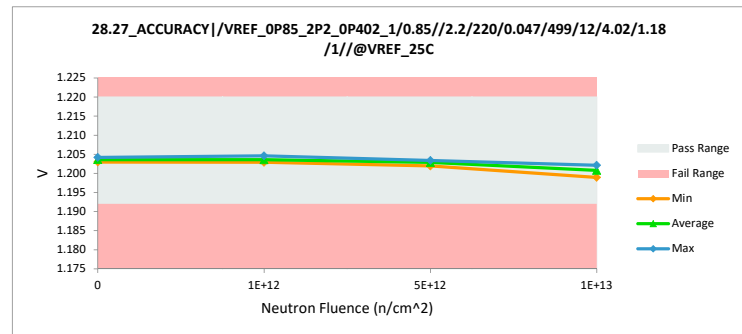
28.27_ACCURACY /VREF_OP85		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.204	1.204	0.000
1E+12	169	1.203	1.203	-0.001
1E+12	170	1.204	1.203	0.000
1E+12	171	1.205	1.205	0.000
5E+12	172	1.206	1.203	-0.002
5E+12	173	1.205	1.203	-0.002
5E+12	174	1.204	1.202	-0.002
1E+13	175	1.206	1.202	-0.004
1E+13	176	1.205	1.201	-0.004
1E+13	177	1.203	1.199	-0.004
Max	1.206	1.205	0.000	
Average	1.204	1.203	-0.002	
Min	1.203	1.199	-0.004	
Std Dev	0.001	0.002	0.002	



28.27_ACCURACY /VREF_OP85		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

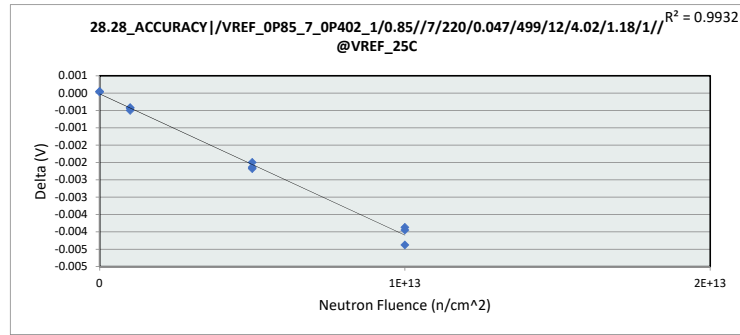
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.199
Average	1.204	1.204	1.203	1.201
Max	1.204	1.205	1.203	1.202
UL	1.220	1.220	1.220	1.220



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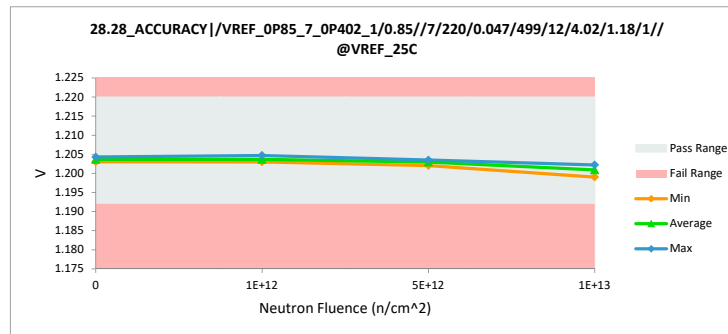
28.28_ACCURACY /VREF_OP85		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.204	1.204	0.000
1E+12	169	1.204	1.203	-0.001
1E+12	170	1.204	1.203	0.000
1E+12	171	1.205	1.205	0.000
5E+12	172	1.206	1.203	-0.002
5E+12	173	1.205	1.203	-0.002
5E+12	174	1.204	1.202	-0.002
1E+13	175	1.206	1.202	-0.004
1E+13	176	1.205	1.201	-0.004
1E+13	177	1.203	1.199	-0.004
Max	1.206	1.205	0.000	
Average	1.205	1.203	-0.002	
Min	1.203	1.199	-0.004	
Std Dev	0.001	0.002	0.002	



28.28_ACCURACY /VREF_OP85		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

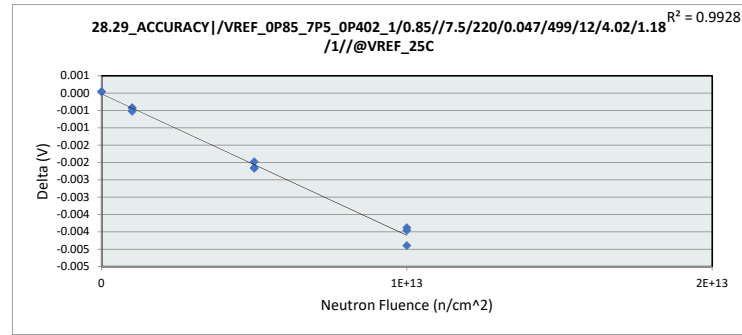
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.199
Average	1.204	1.204	1.203	1.201
Max	1.204	1.205	1.203	1.202
UL	1.220	1.220	1.220	1.220



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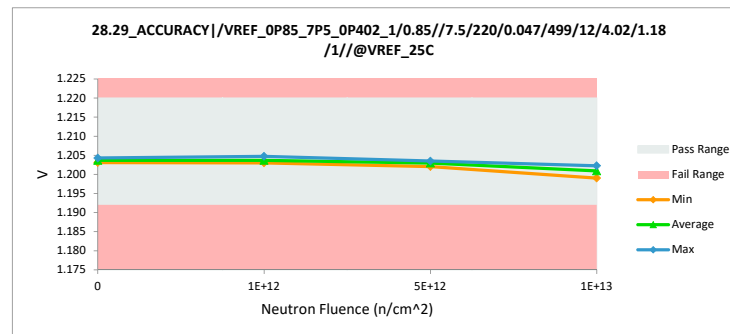
28.29_ACCURACY /VREF_OP85		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.204	1.204	0.000
1E+12	169	1.204	1.203	-0.001
1E+12	170	1.204	1.203	0.000
1E+12	171	1.205	1.205	0.000
5E+12	172	1.206	1.203	-0.002
5E+12	173	1.205	1.203	-0.002
5E+12	174	1.204	1.202	-0.002
1E+13	175	1.206	1.202	-0.004
1E+13	176	1.205	1.201	-0.004
1E+13	177	1.203	1.199	-0.004
Max	1.206	1.205	0.000	
Average	1.205	1.203	-0.002	
Min	1.203	1.199	-0.004	
Std Dev	0.001	0.002	0.002	



28.29_ACCURACY /VREF_OP85		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

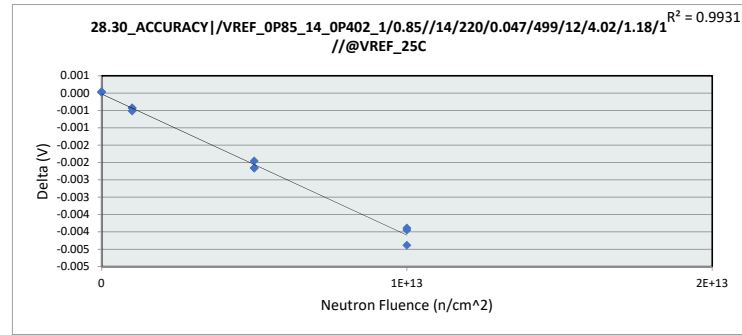
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.199
Average	1.204	1.204	1.203	1.201
Max	1.204	1.205	1.203	1.202
UL	1.220	1.220	1.220	1.220



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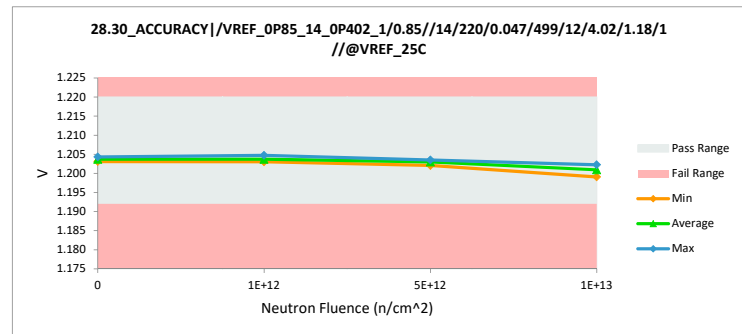
28.30_ACCURACY /VREF_OP85		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.204	1.204	0.000
1E+12	169	1.204	1.203	-0.001
1E+12	170	1.204	1.203	0.000
1E+12	171	1.205	1.205	0.000
5E+12	172	1.206	1.204	-0.002
5E+12	173	1.205	1.203	-0.002
5E+12	174	1.204	1.202	-0.002
1E+13	175	1.206	1.202	-0.004
1E+13	176	1.205	1.201	-0.004
1E+13	177	1.203	1.199	-0.004
Max	1.206	1.205	0.000	
Average	1.205	1.203	-0.002	
Min	1.203	1.199	-0.004	
Std Dev	0.001	0.002	0.002	



28.30_ACCURACY /VREF_OP85		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

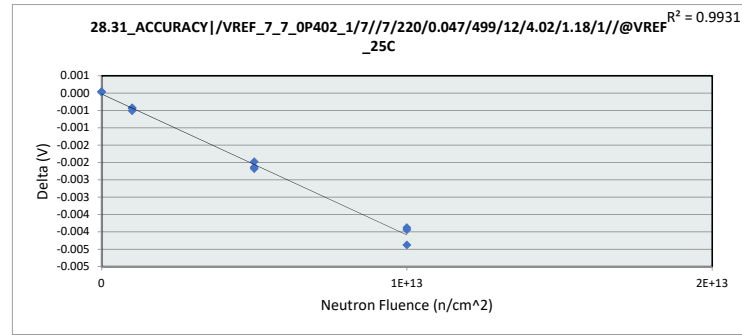
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.199
Average	1.204	1.204	1.203	1.201
Max	1.204	1.205	1.204	1.202
UL	1.220	1.220	1.220	1.220



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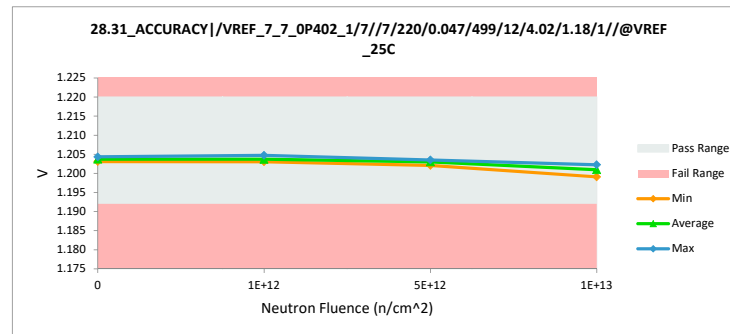
28.31_ACCURACY /VREF 7_7_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.204	1.204	0.000
1E+12	169	1.204	1.203	-0.001
1E+12	170	1.204	1.203	0.000
1E+12	171	1.205	1.205	0.000
5E+12	172	1.206	1.204	-0.002
5E+12	173	1.205	1.203	-0.002
5E+12	174	1.204	1.202	-0.002
1E+13	175	1.206	1.202	-0.004
1E+13	176	1.205	1.201	-0.004
1E+13	177	1.203	1.199	-0.004
Max	1.206	1.205	0.000	
Average	1.205	1.203	-0.002	
Min	1.203	1.199	-0.004	
Std Dev	0.001	0.002	0.002	



28.31_ACCURACY /VREF 7_7_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

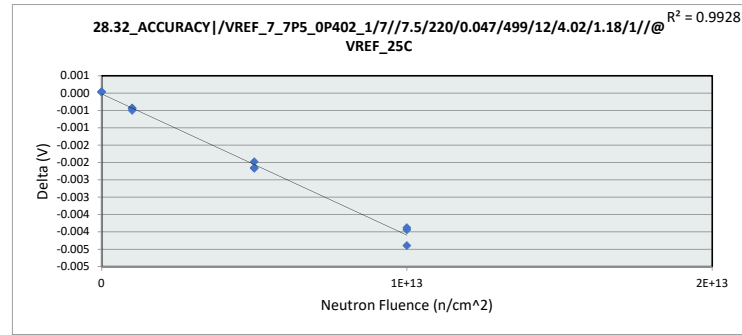
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.199
Average	1.204	1.204	1.203	1.201
Max	1.204	1.205	1.204	1.202
UL	1.220	1.220	1.220	1.220



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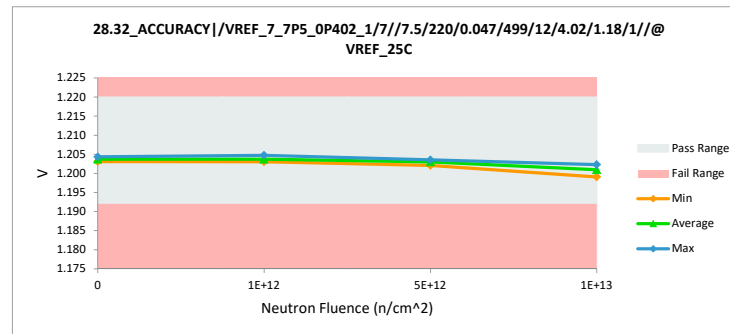
28.32_ACCURACY /VREF_7_7P5		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.204	1.204	0.000
1E+12	169	1.204	1.203	0.000
1E+12	170	1.204	1.203	0.000
1E+12	171	1.205	1.205	0.000
5E+12	172	1.206	1.204	-0.002
5E+12	173	1.205	1.203	-0.002
5E+12	174	1.204	1.202	-0.002
1E+13	175	1.206	1.202	-0.004
1E+13	176	1.205	1.201	-0.004
1E+13	177	1.203	1.199	-0.004
Max	1.206	1.205	0.000	
Average	1.205	1.203	-0.002	
Min	1.203	1.199	-0.004	
Std Dev	0.001	0.002	0.002	



28.32_ACCURACY /VREF_7_7P5		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

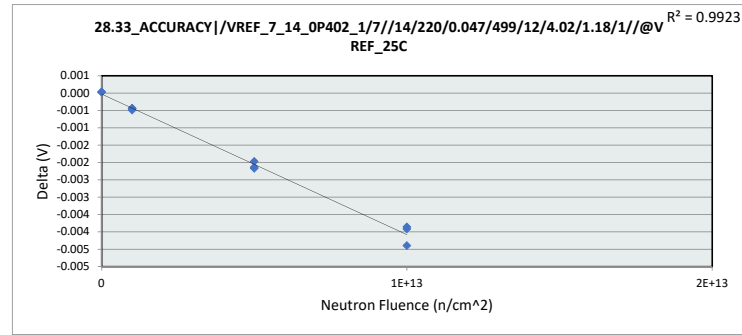
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.199
Average	1.204	1.204	1.203	1.201
Max	1.204	1.205	1.204	1.202
UL	1.220	1.220	1.220	1.220



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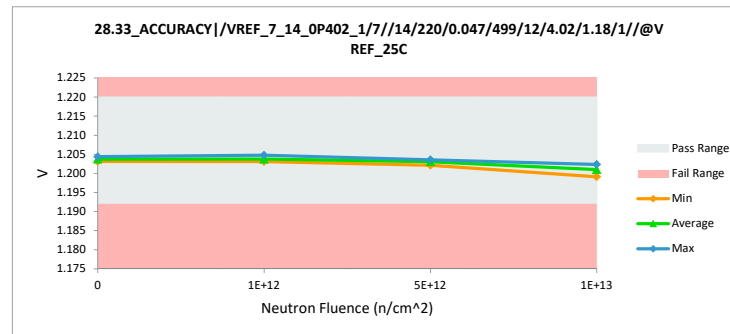
28.33_ACCURACY /VREF 7_14		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.204	1.204	0.000
1E+12	169	1.204	1.203	0.000
1E+12	170	1.204	1.203	0.000
1E+12	171	1.205	1.205	0.000
5E+12	172	1.206	1.204	-0.002
5E+12	173	1.205	1.203	-0.002
5E+12	174	1.204	1.202	-0.002
1E+13	175	1.206	1.202	-0.004
1E+13	176	1.205	1.202	-0.004
1E+13	177	1.204	1.199	-0.004
Max	1.206	1.205	0.000	
Average	1.205	1.203	-0.002	
Min	1.203	1.199	-0.004	
Std Dev	0.001	0.002	0.002	



28.33_ACCURACY /VREF 7_14		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

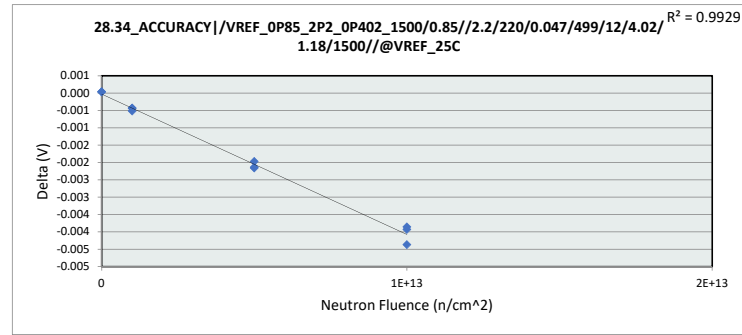
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.199
Average	1.204	1.204	1.203	1.201
Max	1.204	1.205	1.204	1.202
UL	1.220	1.220	1.220	1.220



NDD Report TPS7H1111-SP

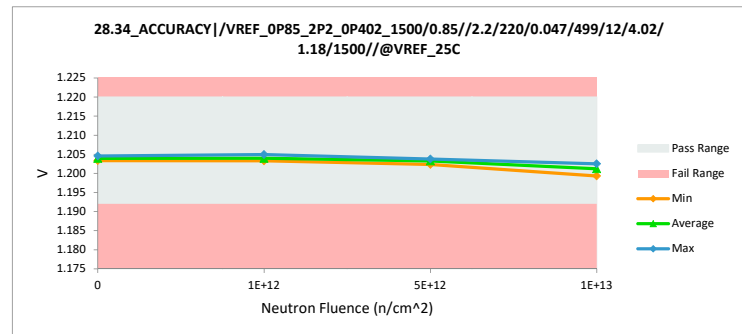
28.34_ACCURACY /VREF_OP85		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.205	1.205	0.000
1E+12	169	1.204	1.203	-0.001
1E+12	170	1.204	1.204	0.000
1E+12	171	1.205	1.205	0.000
5E+12	172	1.206	1.204	-0.002
5E+12	173	1.206	1.204	-0.002
5E+12	174	1.204	1.202	-0.002
1E+13	175	1.206	1.203	-0.004
1E+13	176	1.206	1.202	-0.004
1E+13	177	1.204	1.199	-0.004
Max		1.206	1.205	0.000
Average		1.205	1.203	-0.002
Min		1.203	1.199	-0.004
Std Dev		0.001	0.002	0.002



28.34_ACCURACY /VREF_OP85	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	1.22 V
Min Limit	1.192 V

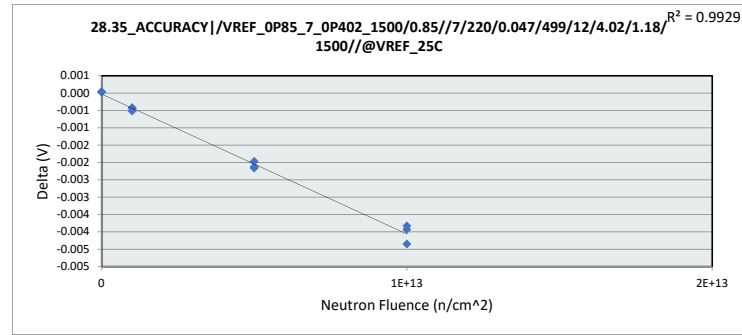
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.199
Average	1.204	1.204	1.203	1.201
Max	1.205	1.205	1.204	1.203
UL	1.220	1.220	1.220	1.220



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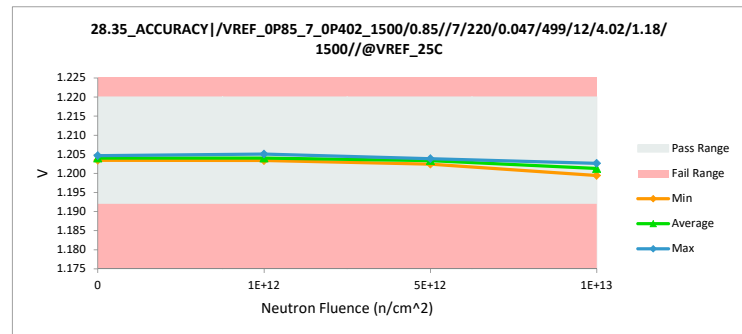
28.35_ACCURACY /VREF_OP85		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.205	1.205	0.000
1E+12	169	1.204	1.203	-0.001
1E+12	170	1.204	1.204	0.000
1E+12	171	1.205	1.205	0.000
5E+12	172	1.206	1.204	-0.002
5E+12	173	1.206	1.204	-0.002
5E+12	174	1.205	1.202	-0.002
1E+13	175	1.206	1.203	-0.004
1E+13	176	1.206	1.202	-0.004
1E+13	177	1.204	1.199	-0.004
Max	1.206	1.205	0.000	
Average	1.205	1.203	-0.002	
Min	1.203	1.199	-0.004	
Std Dev	0.001	0.002	0.002	



28.35_ACCURACY /VREF_OP85	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	1.22 V
Min Limit	1.192 V

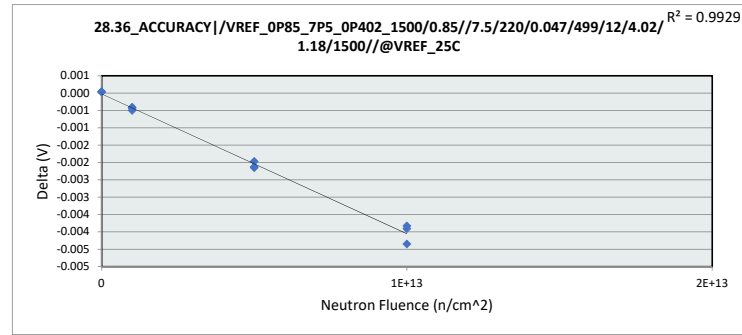
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.199
Average	1.204	1.204	1.203	1.201
Max	1.205	1.205	1.204	1.203
UL	1.220	1.220	1.220	1.220



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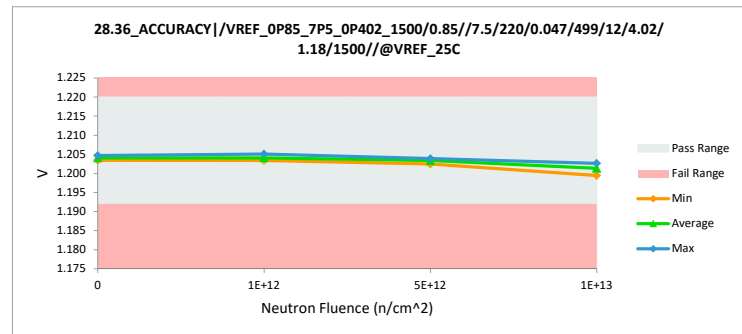
28.36_ACCURACY /VREF_OP85		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.205	1.205	0.000
1E+12	169	1.204	1.203	0.000
1E+12	170	1.204	1.204	0.000
1E+12	171	1.205	1.205	0.000
5E+12	172	1.206	1.204	-0.002
5E+12	173	1.206	1.204	-0.002
5E+12	174	1.205	1.202	-0.002
1E+13	175	1.206	1.203	-0.004
1E+13	176	1.206	1.202	-0.004
1E+13	177	1.204	1.199	-0.004
Max	1.206	1.205	0.000	
Average	1.205	1.203	-0.002	
Min	1.203	1.199	-0.004	
Std Dev	0.001	0.002	0.002	



28.36_ACCURACY /VREF_OP85		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

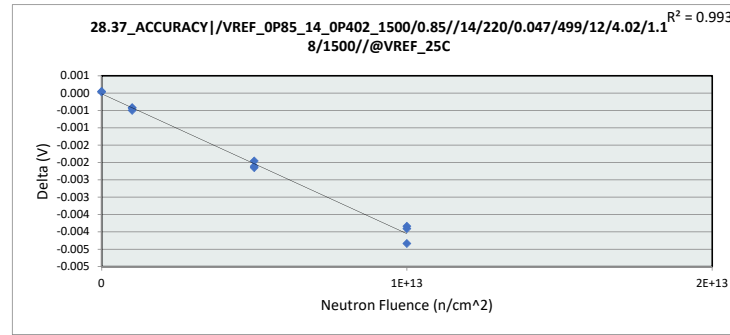
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.199
Average	1.204	1.204	1.203	1.201
Max	1.205	1.205	1.204	1.203
UL	1.220	1.220	1.220	1.220



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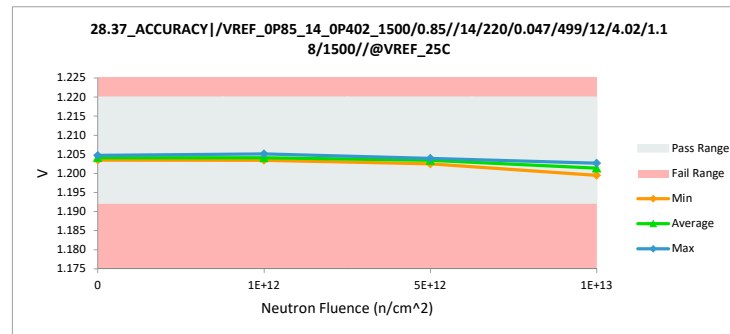
28.37_ACCURACY /VREF_OP85		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.203	1.203	0.000
0	287	1.205	1.205	0.000
1E+12	169	1.204	1.203	0.000
1E+12	170	1.204	1.204	0.000
1E+12	171	1.206	1.205	0.000
5E+12	172	1.206	1.204	-0.002
5E+12	173	1.206	1.204	-0.002
5E+12	174	1.205	1.202	-0.002
1E+13	175	1.207	1.203	-0.004
1E+13	176	1.206	1.202	-0.004
1E+13	177	1.204	1.199	-0.004
Max	1.207	1.205	0.000	
Average	1.205	1.203	-0.002	
Min	1.203	1.199	-0.004	
Std Dev	0.001	0.002	0.002	



28.37_ACCURACY /VREF_OP85		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

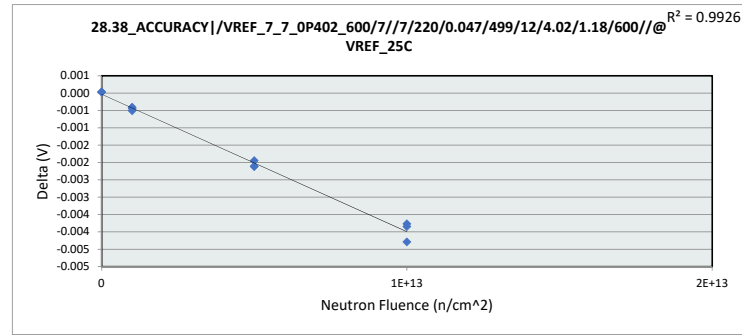
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.203	1.203	1.202	1.200
Average	1.204	1.204	1.203	1.201
Max	1.205	1.205	1.204	1.203
UL	1.220	1.220	1.220	1.220



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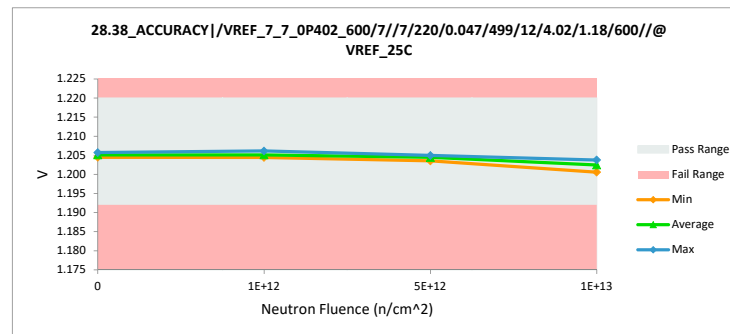
28.38_ACCURACY /VREF_7_7_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.204	1.204	0.000
0	287	1.206	1.206	0.000
1E+12	169	1.205	1.204	-0.001
1E+12	170	1.205	1.205	0.000
1E+12	171	1.207	1.206	0.000
5E+12	172	1.207	1.205	-0.002
5E+12	173	1.207	1.205	-0.002
5E+12	174	1.206	1.204	-0.002
1E+13	175	1.208	1.204	-0.004
1E+13	176	1.207	1.203	-0.004
1E+13	177	1.205	1.201	-0.004
Max	1.208	1.206	0.000	
Average	1.206	1.204	-0.002	
Min	1.204	1.201	-0.004	
Std Dev	0.001	0.002	0.002	



28.38_ACCURACY /VREF_7_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

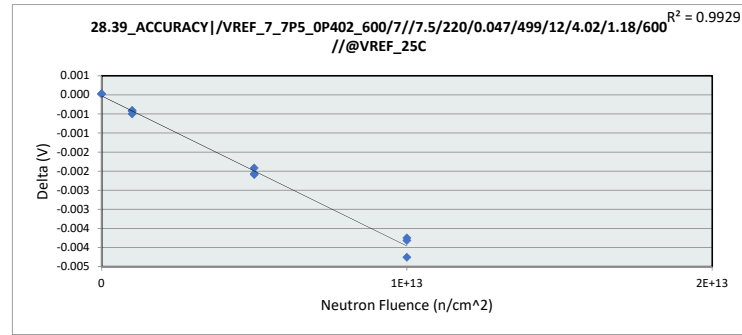
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.204	1.204	1.204	1.201
Average	1.205	1.205	1.204	1.202
Max	1.206	1.206	1.205	1.204
UL	1.220	1.220	1.220	1.220



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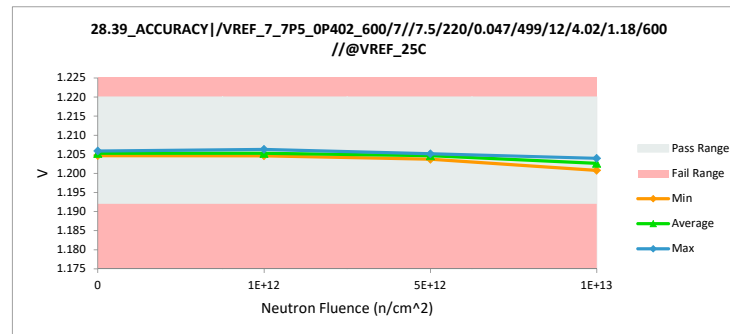
28.39_ACCURACY /VREF_7_7P5		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.206	1.206	0.000
1E+12	169	1.205	1.205	-0.001
1E+12	170	1.205	1.205	0.000
1E+12	171	1.207	1.206	0.000
5E+12	172	1.207	1.205	-0.002
5E+12	173	1.207	1.205	-0.002
5E+12	174	1.206	1.204	-0.002
1E+13	175	1.208	1.204	-0.004
1E+13	176	1.207	1.203	-0.004
1E+13	177	1.205	1.201	-0.004
Max	1.208	1.206	0.000	
Average	1.206	1.204	-0.002	
Min	1.205	1.201	-0.004	
Std Dev	0.001	0.001	0.002	



28.39_ACCURACY /VREF_7_7P5		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

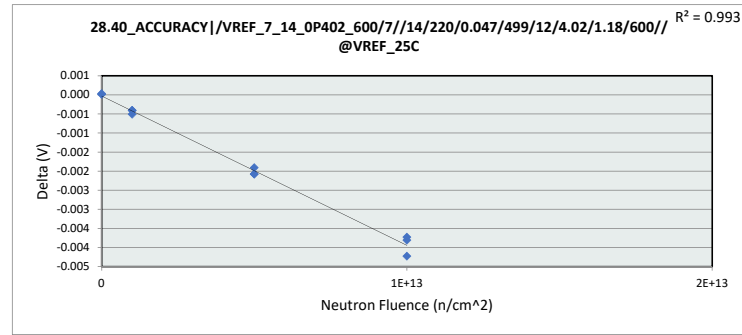
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.205	1.205	1.205	1.203
Max	1.206	1.206	1.205	1.204
UL	1.220	1.220	1.220	1.220



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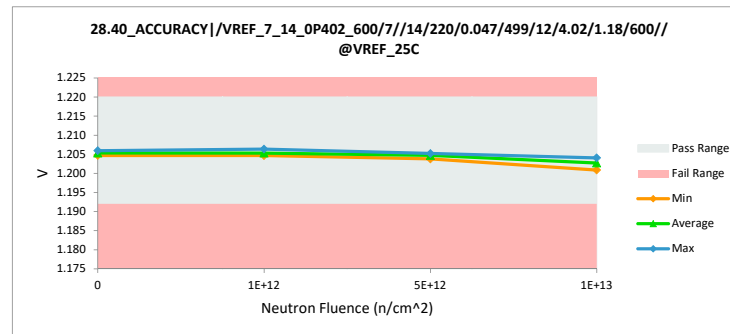
28.40_ACCURACY /VREF_7_14		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.206	1.206	0.000
1E+12	169	1.205	1.205	-0.001
1E+12	170	1.205	1.205	0.000
1E+12	171	1.207	1.206	0.000
5E+12	172	1.207	1.205	-0.002
5E+12	173	1.207	1.205	-0.002
5E+12	174	1.206	1.204	-0.002
1E+13	175	1.208	1.204	-0.004
1E+13	176	1.207	1.203	-0.004
1E+13	177	1.205	1.201	-0.004
Max	1.208	1.206	0.000	
Average	1.206	1.204	-0.002	
Min	1.205	1.201	-0.004	
Std Dev	0.001	0.001	0.002	



28.40_ACCURACY /VREF_7_14		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

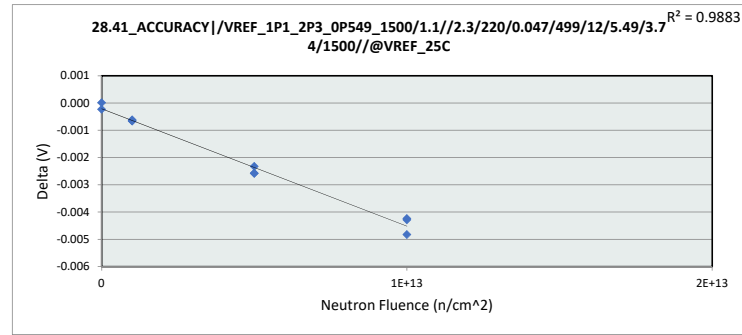
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.205	1.205	1.205	1.203
Max	1.206	1.206	1.205	1.204
UL	1.220	1.220	1.220	1.220



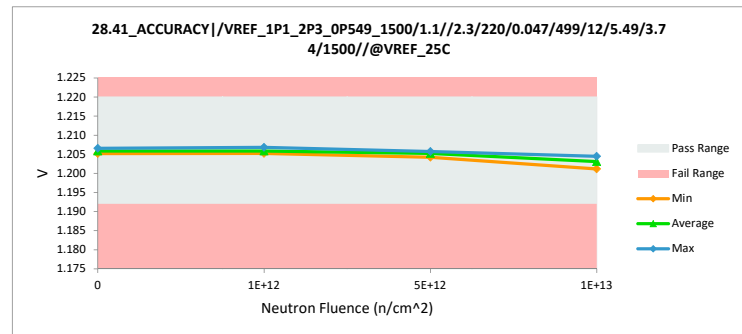
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28.41_ACCURACY /VREF_1P1_2		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.205	-0.001
1E+12	171	1.207	1.207	-0.001
5E+12	172	1.208	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.204	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



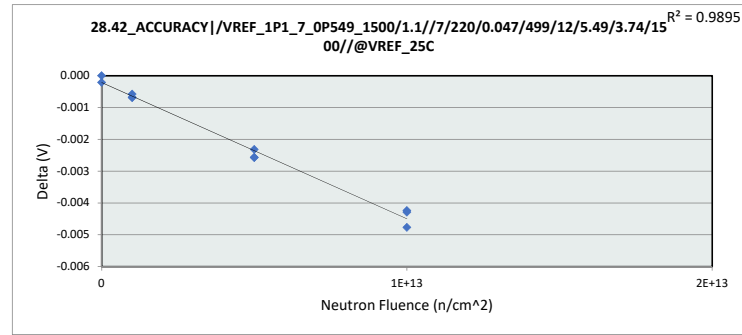
28.41_ACCURACY /VREF_1P1				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1.22	V		
Min Limit	1.192	V		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.204
UL	1.220	1.220	1.220	1.220



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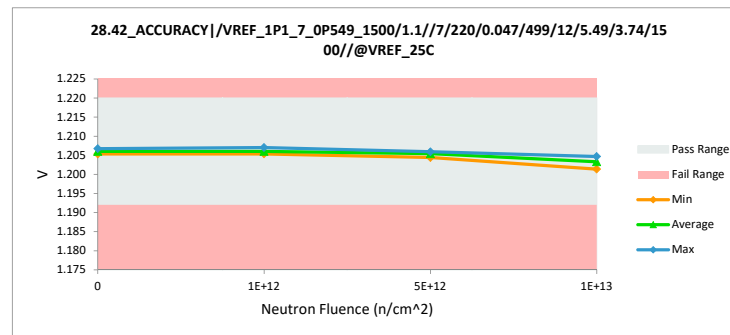
28.42_ACCURACY /VREF_1P1_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.208	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



28.42_ACCURACY /VREF_1P1	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	1.22 V
Min Limit	1.192 V

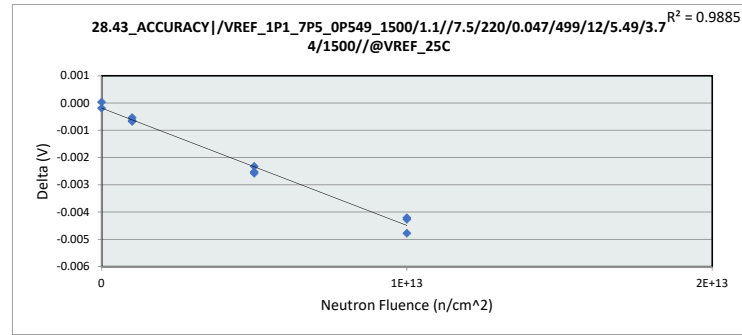
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



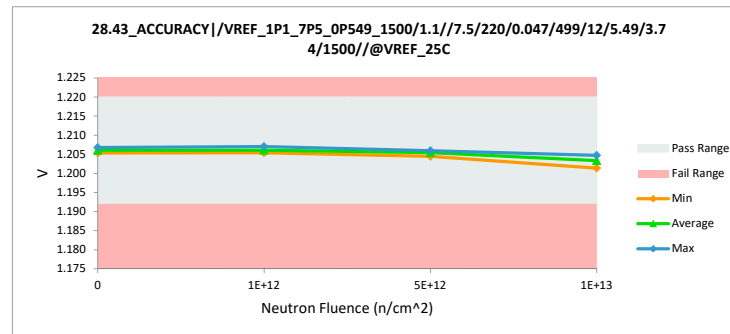
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28.43_ACCURACY /VREF_1P1_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.209	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



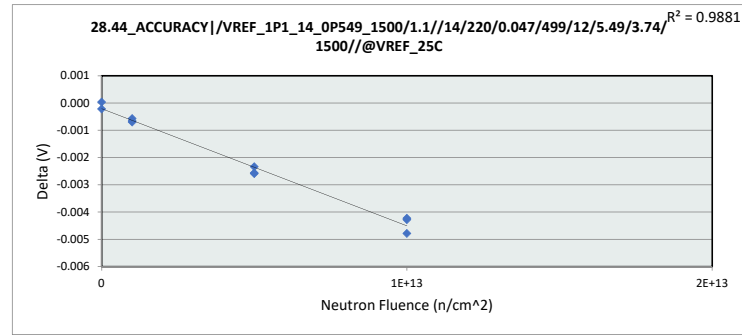
28.43_ACCURACY /VREF_1P1				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1.22	V		
Min Limit	1.192	V		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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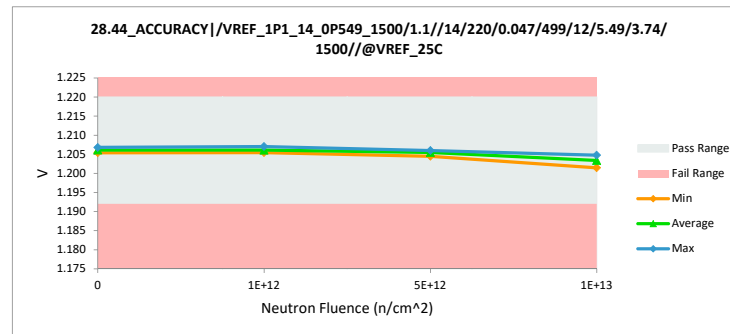
28.44_ACCURACY /VREF_1P1_1		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.209	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



28.44_ACCURACY /VREF_1P1_1		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

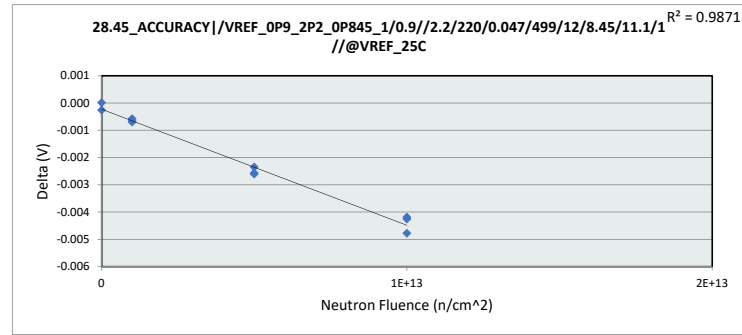
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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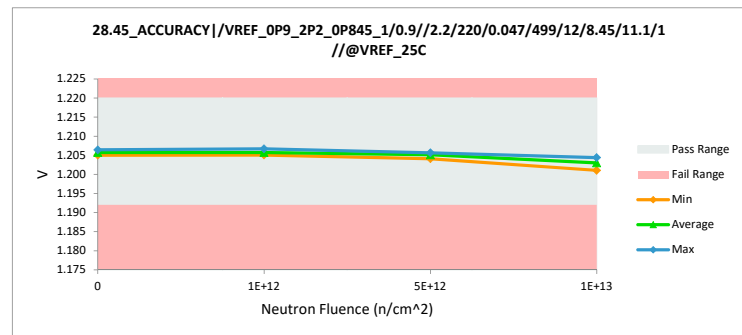
28.45_ACCURACY /VREF_OP9_2		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.206	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.205	-0.001
1E+12	171	1.207	1.207	-0.001
5E+12	172	1.208	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.204	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



28.45_ACCURACY /VREF_OP9	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	1.22 V
Min Limit	1.192 V

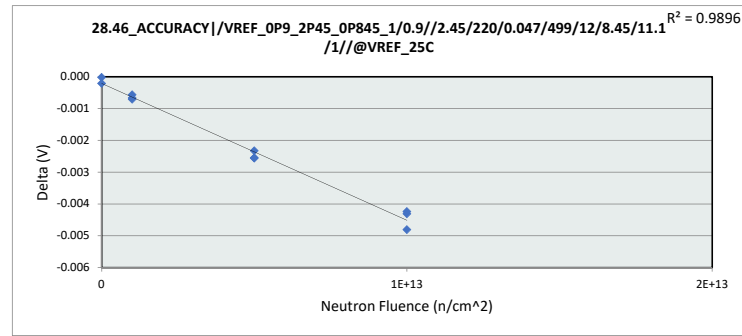
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.206	1.207	1.206	1.204
UL	1.220	1.220	1.220	1.220



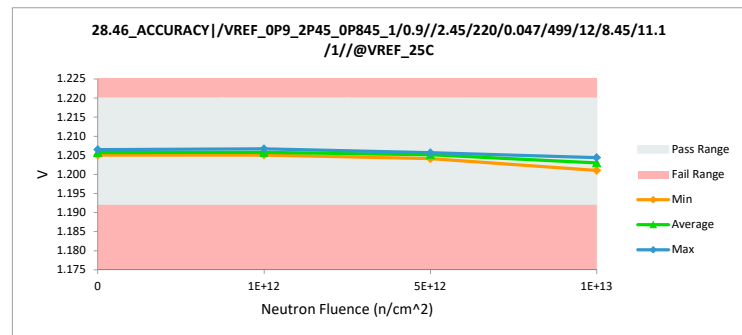
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28.46_ACCURACY /VREF_OP9_2		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.206	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.205	-0.001
1E+12	171	1.207	1.207	-0.001
5E+12	172	1.208	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.204	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



28.46_ACCURACY /VREF_OP9				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1.22	V		
Min Limit	1.192	V		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.206	1.207	1.206	1.204
UL	1.220	1.220	1.220	1.220

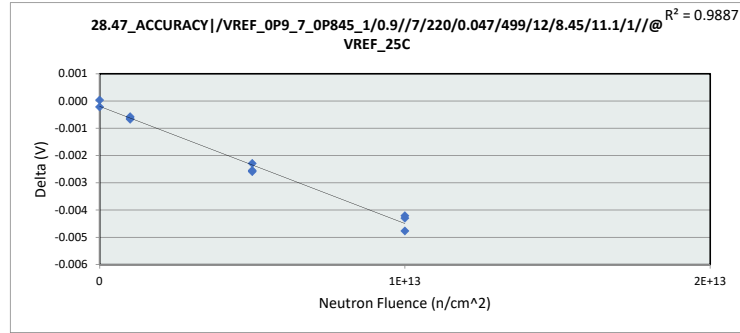


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28.47_ACCURACY|/VREF_OP9_7

Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

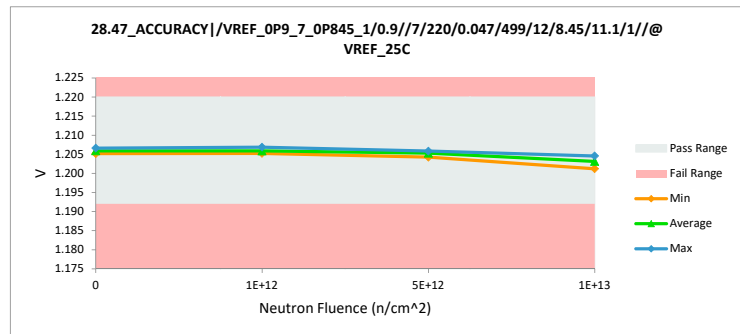
Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.207	1.207	-0.001
5E+12	172	1.208	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



28.47_ACCURACY|/VREF_OP9

Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	1.22 V
Min Limit	1.192 V

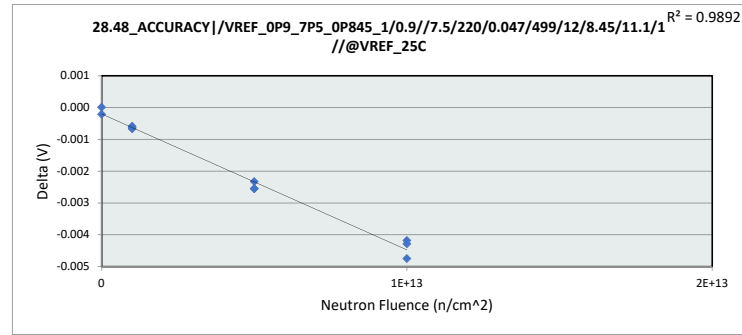
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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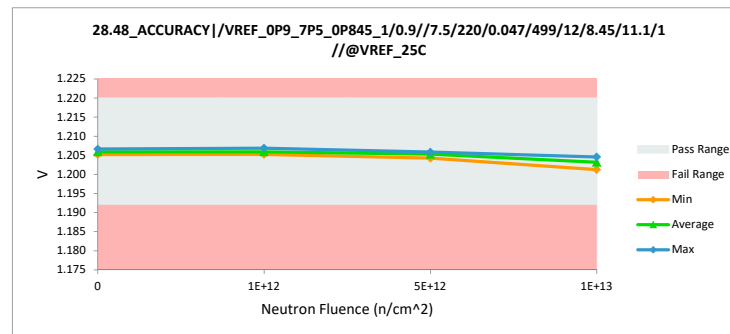
28.48_ACCURACY /VREF_OP9_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.208	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



28.48_ACCURACY /VREF_OP9	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	1.22 V
Min Limit	1.192 V

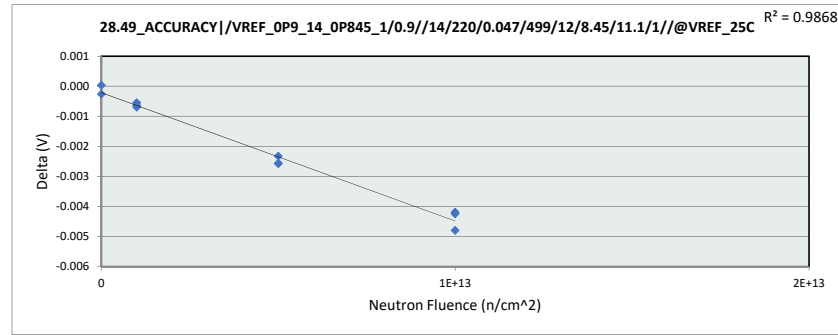
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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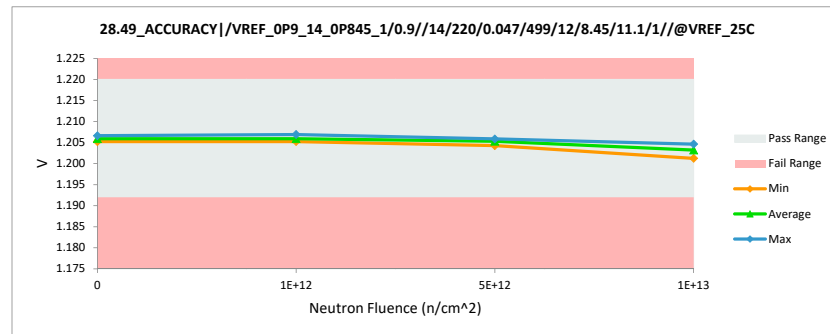
28.49_ACCURACY /VREF_OP9_1		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.208	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



28.49_ACCURACY /VREF_OP9		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

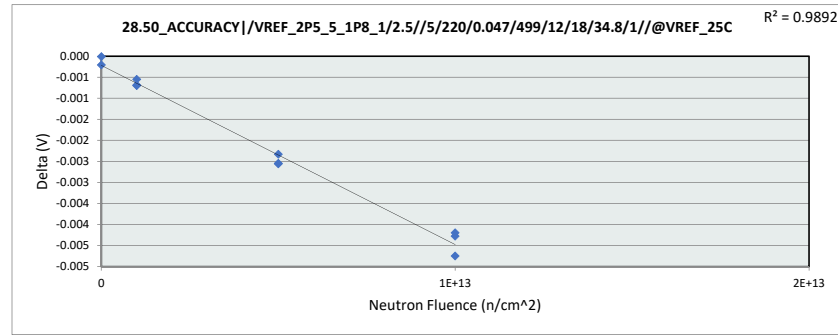
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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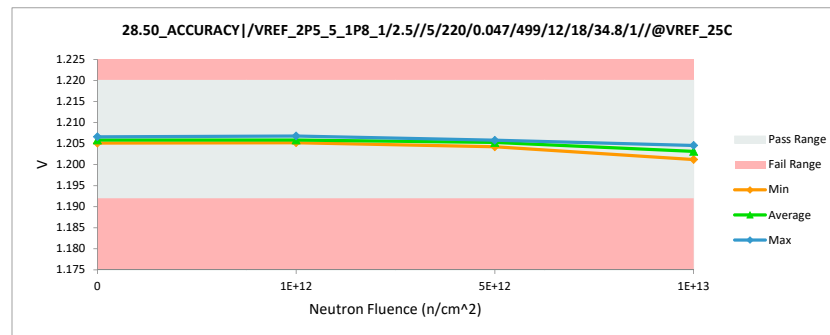
28.50_ACCURACY /VREF_2P5_5		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.207	1.207	-0.001
5E+12	172	1.208	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max		1.209	1.207	0.000
Average		1.207	1.205	-0.002
Min		1.205	1.201	-0.005
Std Dev		0.001	0.002	0.002



28.50_ACCURACY /VREF_2P5		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

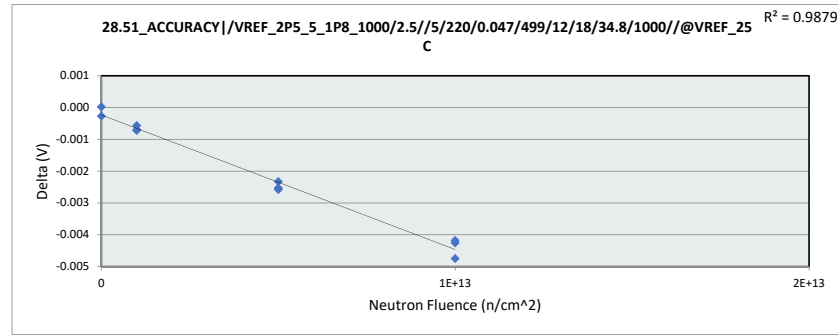
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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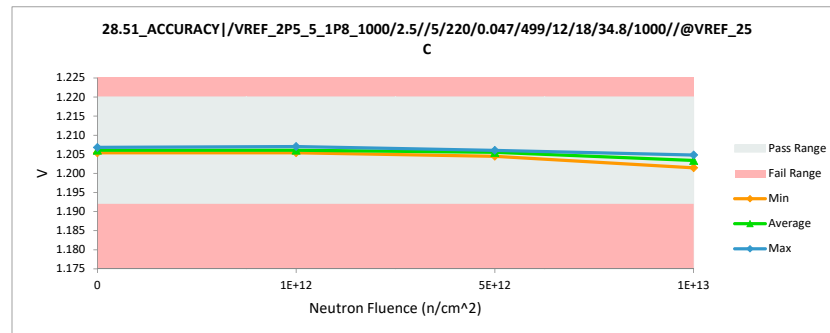
28.51_ACCURACY /VREF_2P5_5		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.209	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max		1.209	1.207	0.000
Average		1.207	1.205	-0.002
Min		1.205	1.201	-0.005
Std Dev		0.001	0.002	0.002



28.51_ACCURACY /VREF_2P5		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22 V	
Min Limit	1.192 V	

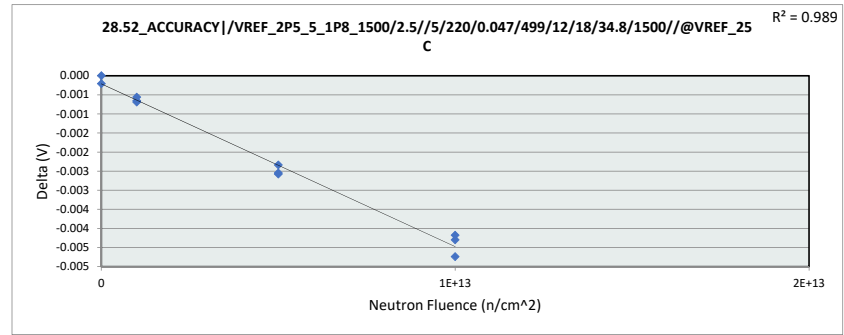
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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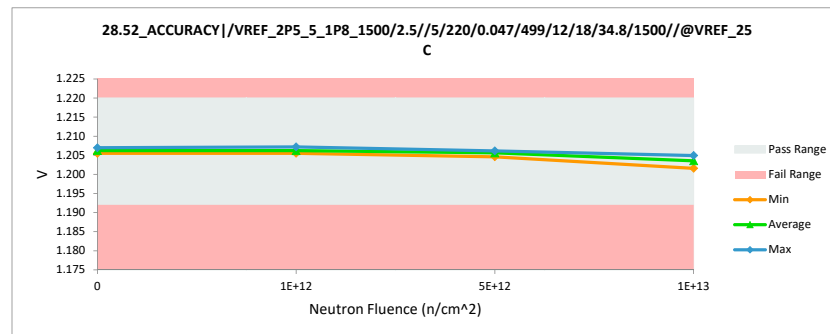
28.52_ACCURACY /VREF_2P5_5		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.206	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.209	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.205	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.202	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.202	-0.005	
Std Dev	0.001	0.002	0.002	



28.52_ACCURACY /VREF_2P5		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

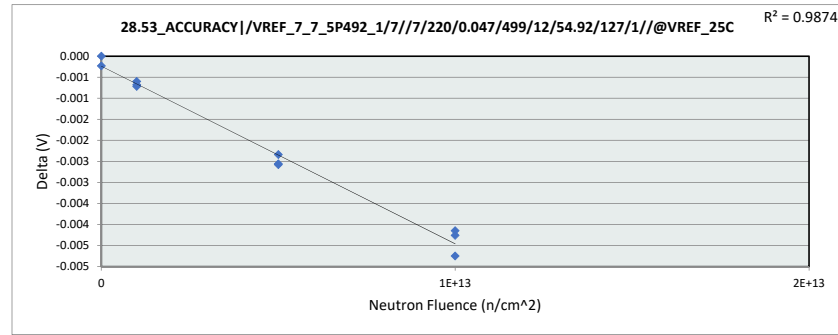
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.206	1.205	1.202
Average	1.206	1.206	1.206	1.204
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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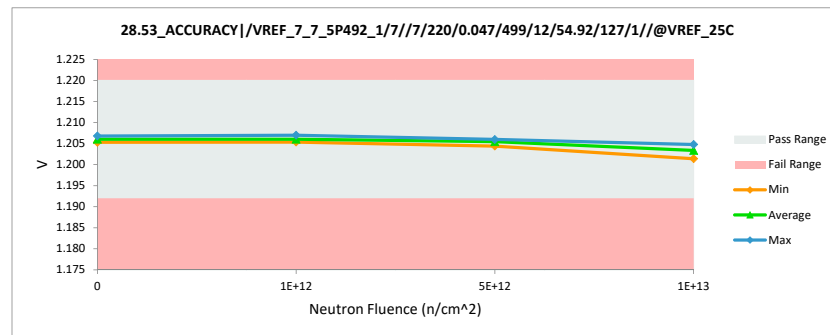
28.53_ACCURACY /VREF_7_7_5		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.209	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



28.53_ACCURACY /VREF_7_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

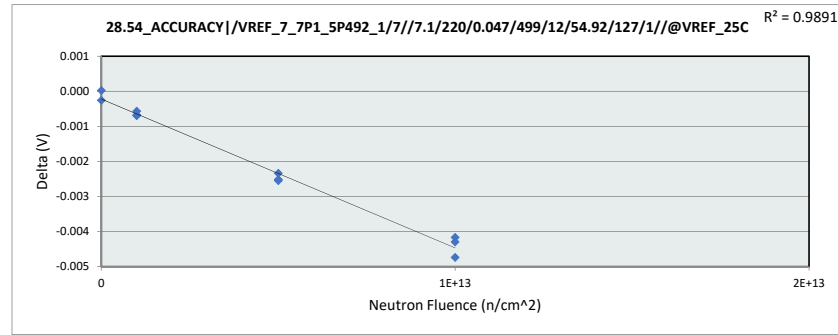
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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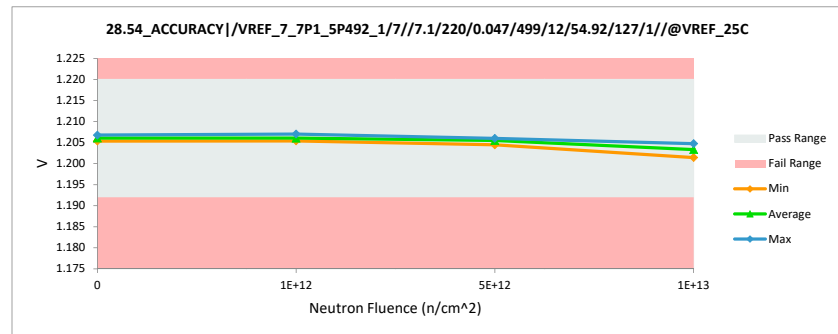
28.54_ACCURACY /VREF_7_7P1		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.209	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



28.54_ACCURACY /VREF_7_7P1		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

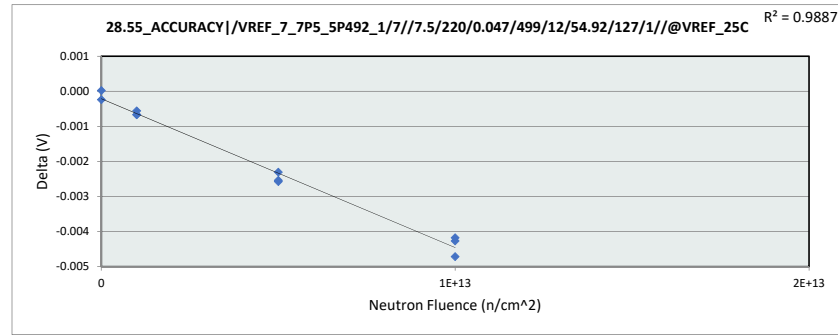
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



NDD Report TPS7H1111-SP

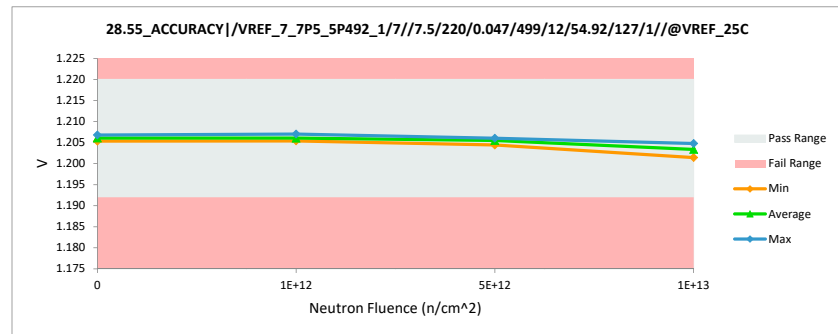
28.55_ACCURACY /VREF_7_7P5		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.209	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max	1.209	1.207	0.000	
Average	1.207	1.205	-0.002	
Min	1.205	1.201	-0.005	
Std Dev	0.001	0.002	0.002	



28.55_ACCURACY /VREF_7_7P5		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

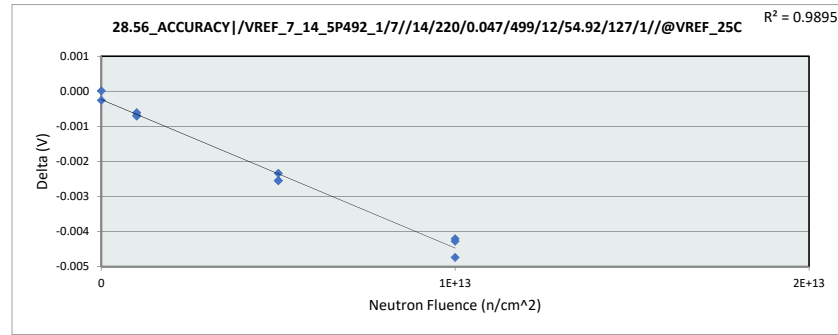
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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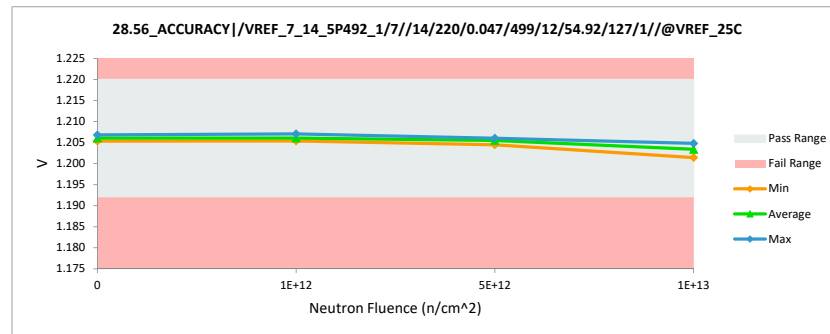
28.56_ACCURACY VREF 7_14		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.205	1.205	0.000
0	287	1.207	1.207	0.000
1E+12	169	1.206	1.205	-0.001
1E+12	170	1.206	1.206	-0.001
1E+12	171	1.208	1.207	-0.001
5E+12	172	1.209	1.206	-0.003
5E+12	173	1.208	1.206	-0.002
5E+12	174	1.207	1.204	-0.003
1E+13	175	1.209	1.205	-0.004
1E+13	176	1.208	1.204	-0.004
1E+13	177	1.206	1.201	-0.005
Max		1.209	1.207	0.000
Average		1.207	1.205	-0.002
Min		1.205	1.201	-0.005
Std Dev		0.001	0.002	0.002



28.56_ACCURACY VREF 7_14		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

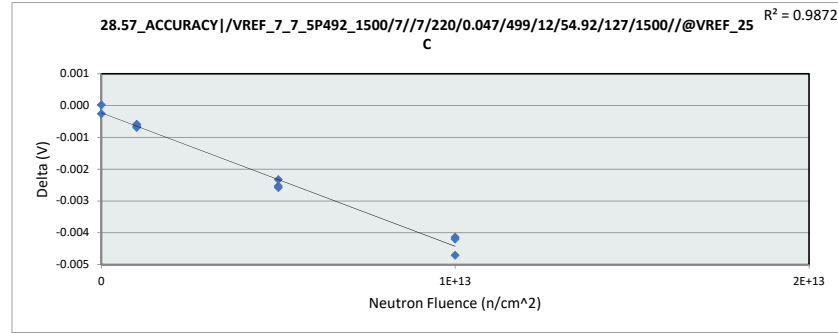
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.205	1.205	1.204	1.201
Average	1.206	1.206	1.205	1.203
Max	1.207	1.207	1.206	1.205
UL	1.220	1.220	1.220	1.220



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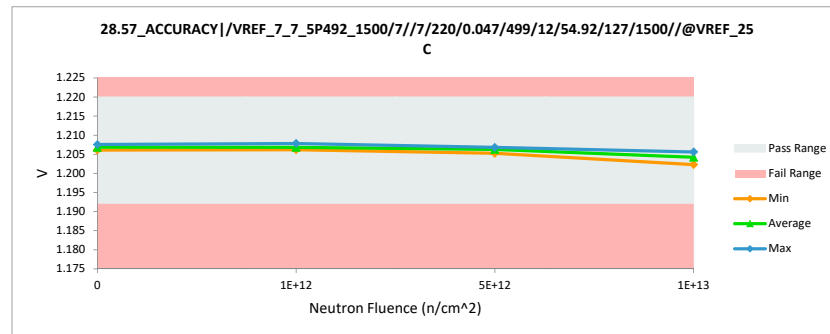
28.57_ACCURACY /VREF_7_7_5		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.206	1.206	0.000
0	287	1.208	1.208	0.000
1E+12	169	1.207	1.206	-0.001
1E+12	170	1.207	1.207	-0.001
1E+12	171	1.208	1.208	-0.001
5E+12	172	1.209	1.207	-0.003
5E+12	173	1.209	1.207	-0.002
5E+12	174	1.208	1.205	-0.003
1E+13	175	1.210	1.206	-0.004
1E+13	176	1.209	1.205	-0.004
1E+13	177	1.207	1.202	-0.005
Max	1.210	1.208	0.000	
Average	1.208	1.206	-0.002	
Min	1.206	1.202	-0.005	
Std Dev	0.001	0.002	0.002	



28.57_ACCURACY /VREF_7_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

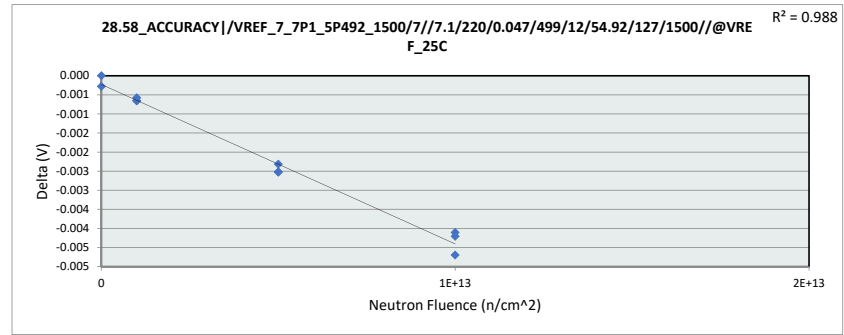
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.206	1.206	1.205	1.202
Average	1.207	1.207	1.206	1.204
Max	1.208	1.208	1.207	1.206
UL	1.220	1.220	1.220	1.220



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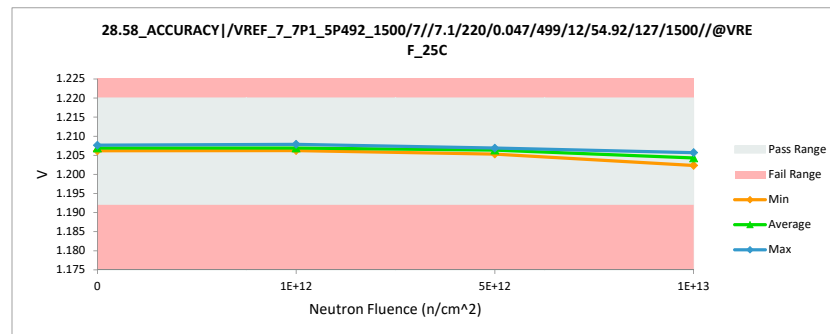
28.58_ACCURACY /VREF_7_7P1		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.206	1.206	0.000
0	287	1.208	1.208	0.000
1E+12	169	1.207	1.206	-0.001
1E+12	170	1.207	1.207	-0.001
1E+12	171	1.209	1.208	-0.001
5E+12	172	1.209	1.207	-0.003
5E+12	173	1.209	1.207	-0.002
5E+12	174	1.208	1.205	-0.003
1E+13	175	1.210	1.206	-0.004
1E+13	176	1.209	1.205	-0.004
1E+13	177	1.207	1.202	-0.005
Max	1.210	1.208	0.000	
Average	1.208	1.206	-0.002	
Min	1.206	1.202	-0.005	
Std Dev	0.001	0.002	0.002	



28.58_ACCURACY /VREF_7_7P1		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

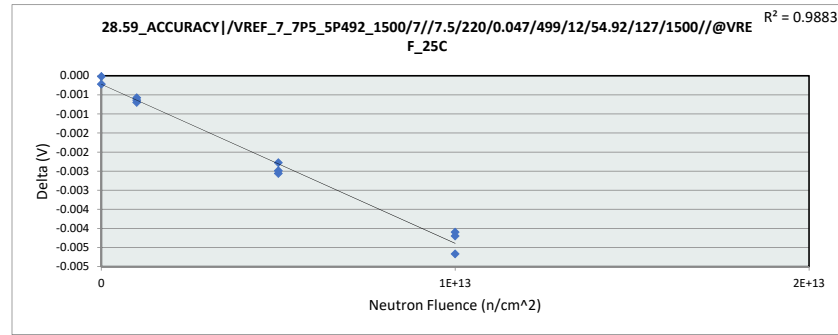
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.206	1.206	1.205	1.202
Average	1.207	1.207	1.206	1.204
Max	1.208	1.208	1.207	1.206
UL	1.220	1.220	1.220	1.220



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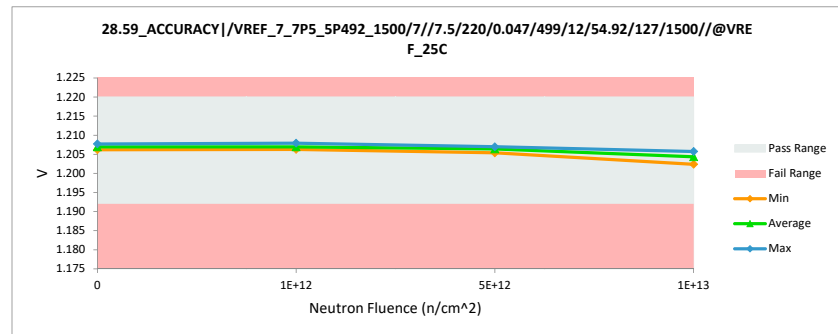
28.59_ACCURACY /VREF_7_7P5		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.206	1.206	0.000
0	287	1.208	1.208	0.000
1E+12	169	1.207	1.206	-0.001
1E+12	170	1.207	1.207	-0.001
1E+12	171	1.209	1.208	-0.001
5E+12	172	1.209	1.207	-0.003
5E+12	173	1.209	1.207	-0.002
5E+12	174	1.208	1.205	-0.002
1E+13	175	1.210	1.206	-0.004
1E+13	176	1.209	1.205	-0.004
1E+13	177	1.207	1.202	-0.005
Max	1.210	1.208	0.000	
Average	1.208	1.206	-0.002	
Min	1.206	1.202	-0.005	
Std Dev	0.001	0.002	0.002	



28.59_ACCURACY /VREF_7_7P5		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1.22	V
Min Limit	1.192	V

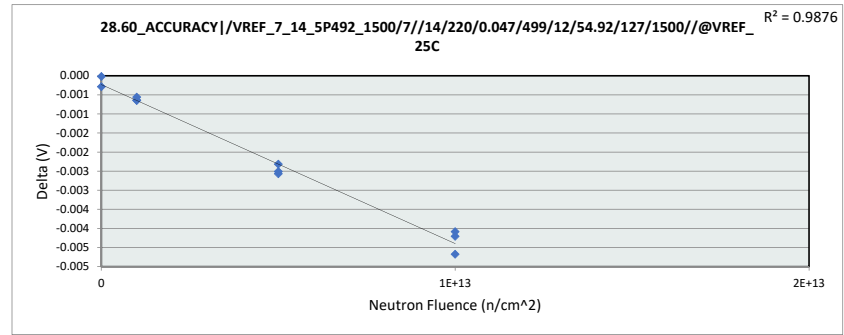
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.206	1.206	1.205	1.202
Average	1.207	1.207	1.206	1.204
Max	1.208	1.208	1.207	1.206
UL	1.220	1.220	1.220	1.220



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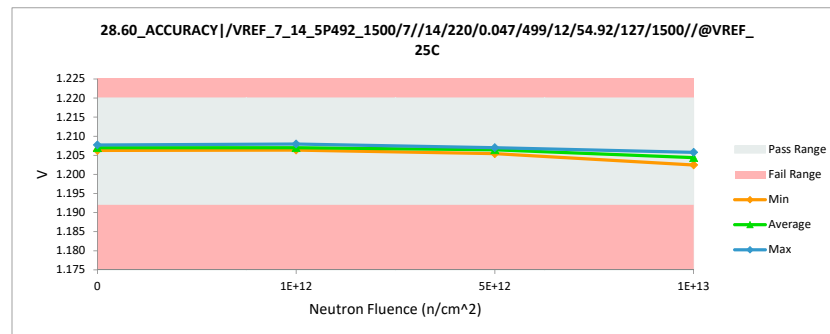
28.60_ACCURACY /VREF_7_14		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	V	V
Max Limit	1.22	1.22
Min Limit	1.192	1.192

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.206	1.206	0.000
0	287	1.208	1.208	0.000
1E+12	169	1.207	1.206	-0.001
1E+12	170	1.207	1.207	-0.001
1E+12	171	1.209	1.208	-0.001
5E+12	172	1.209	1.207	-0.003
5E+12	173	1.209	1.207	-0.002
5E+12	174	1.208	1.205	-0.003
1E+13	175	1.210	1.206	-0.004
1E+13	176	1.209	1.205	-0.004
1E+13	177	1.207	1.202	-0.005
Max	1.210	1.208	0.000	
Average	1.208	1.206	-0.002	
Min	1.206	1.202	-0.005	
Std Dev	0.001	0.002	0.002	



28.60_ACCURACY /VREF_7_14	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	1.22 V
Min Limit	1.192 V

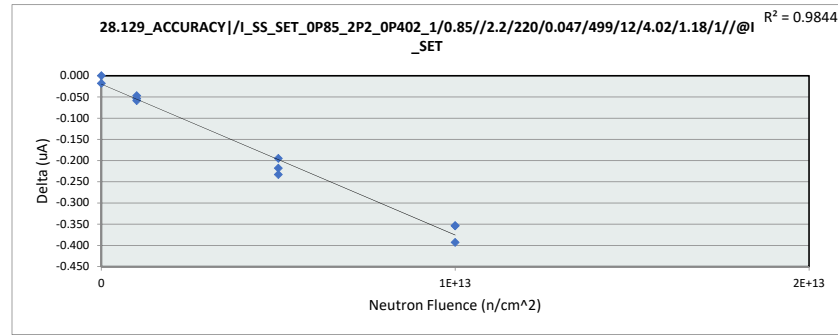
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.192	1.192	1.192	1.192
Min	1.206	1.206	1.205	1.202
Average	1.207	1.207	1.206	1.204
Max	1.208	1.208	1.207	1.206
UL	1.220	1.220	1.220	1.220



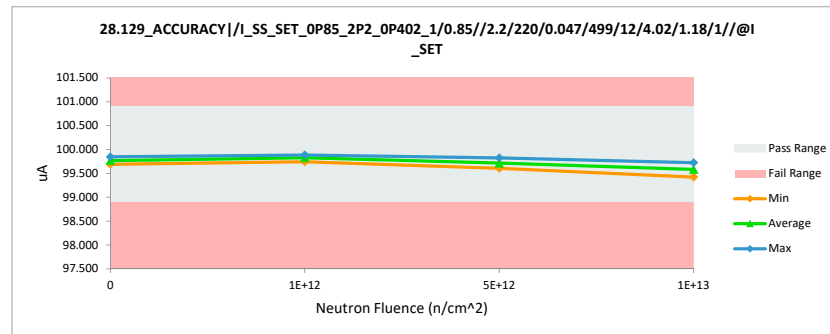
NDD Report TPS7H1111-SP

28.129_ACCURACY /I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.846	99.846	0.000
0	287	99.707	99.689	-0.018
1E+12	169	99.803	99.744	-0.059
1E+12	170	99.908	99.854	-0.054
1E+12	171	99.933	99.886	-0.047
5E+12	172	99.933	99.715	-0.218
5E+12	173	99.800	99.605	-0.195
5E+12	174	100.057	99.824	-0.233
1E+13	175	100.078	99.724	-0.354
1E+13	176	99.953	99.599	-0.354
1E+13	177	99.815	99.422	-0.393
	Max	100.078	99.886	0.000
	Average	99.894	99.719	-0.175
	Min	99.707	99.422	-0.393
	Std Dev	0.113	0.138	0.147



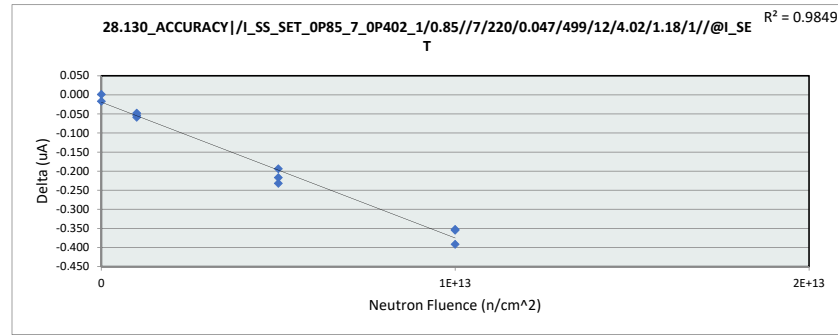
28.129_ACCURACY /I_SS_SET				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	100.9 uA			
Min Limit	98.9 uA			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.689	99.744	99.605	99.422
Average	99.768	99.828	99.715	99.582
Max	99.846	99.886	99.824	99.724
UL	100.900	100.900	100.900	100.900



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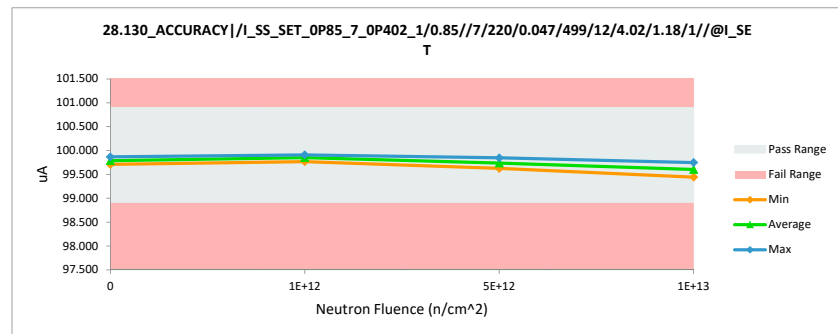
28.130_ACCURACY I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.865	99.866	0.001
0	287	99.725	99.708	-0.017
1E+12	169	99.827	99.768	-0.059
1E+12	170	99.930	99.876	-0.054
1E+12	171	99.956	99.908	-0.048
5E+12	172	99.956	99.739	-0.217
5E+12	173	99.819	99.625	-0.194
5E+12	174	100.077	99.845	-0.232
1E+13	175	100.099	99.746	-0.353
1E+13	176	99.973	99.618	-0.355
1E+13	177	99.833	99.441	-0.392
Max	100.099	99.908	0.001	
Average	99.915	99.740	-0.175	
Min	99.725	99.441	-0.392	
Std Dev	0.114	0.139	0.147	



28.130_ACCURACY I_SS_SET_0		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.9	uA
Min Limit	98.9	uA

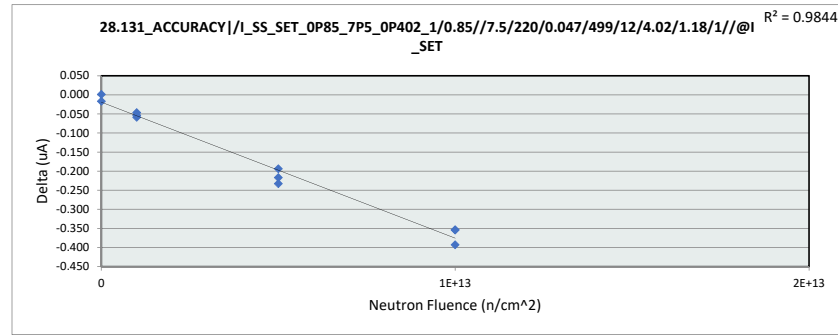
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.708	99.768	99.625	99.441
Average	99.787	99.851	99.736	99.602
Max	99.866	99.908	99.845	99.746
UL	100.900	100.900	100.900	100.900



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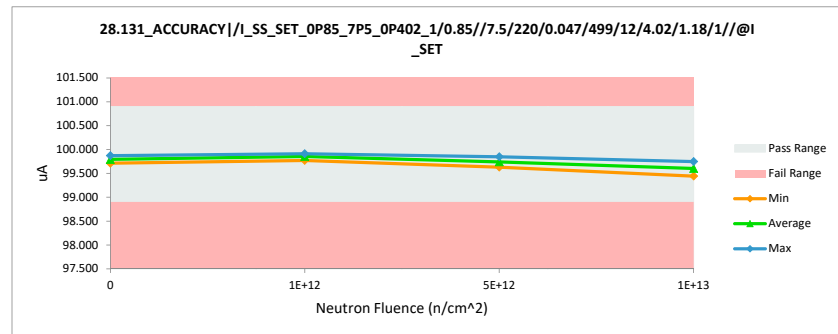
28.131_ACCURACY /I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.869	99.870	0.001
0	287	99.729	99.712	-0.017
1E+12	169	99.831	99.772	-0.059
1E+12	170	99.935	99.881	-0.054
1E+12	171	99.958	99.911	-0.047
5E+12	172	99.960	99.743	-0.217
5E+12	173	99.823	99.629	-0.194
5E+12	174	100.080	99.847	-0.233
1E+13	175	100.102	99.748	-0.354
1E+13	176	99.976	99.622	-0.354
1E+13	177	99.834	99.441	-0.393
Max	100.102	99.911	0.001	
Average	99.918	99.743	-0.175	
Min	99.729	99.441	-0.393	
Std Dev	0.114	0.140	0.147	



28.131_ACCURACY /I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.9	uA
Min Limit	98.9	uA

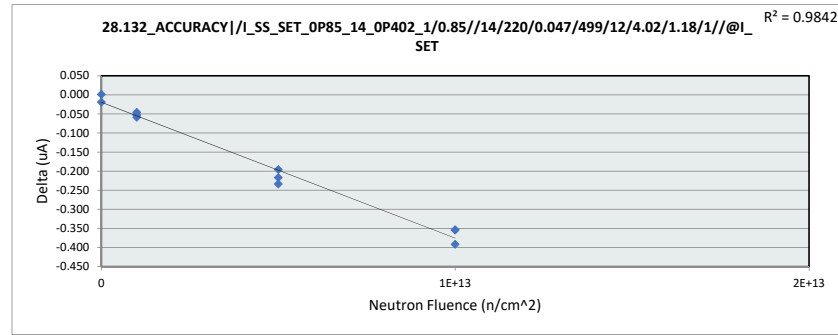
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.712	99.772	99.629	99.441
Average	99.791	99.855	99.740	99.604
Max	99.870	99.911	99.847	99.748
UL	100.900	100.900	100.900	100.900



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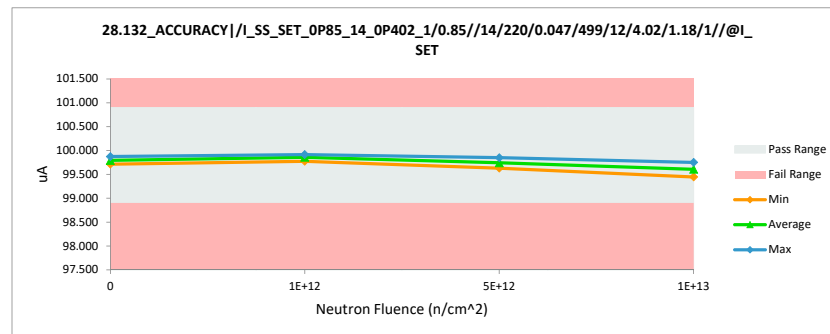
28.132_ACCURACY I_SS_SET 0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.871	99.872	0.001
0	287	99.732	99.713	-0.019
1E+12	169	99.833	99.774	-0.059
1E+12	170	99.936	99.883	-0.053
1E+12	171	99.960	99.914	-0.046
5E+12	172	99.963	99.746	-0.217
5E+12	173	99.826	99.630	-0.196
5E+12	174	100.083	99.849	-0.234
1E+13	175	100.105	99.751	-0.354
1E+13	176	99.978	99.624	-0.354
1E+13	177	99.837	99.445	-0.392
Max	100.105	99.914	0.001	
Average	99.920	99.746	-0.175	
Min	99.732	99.445	-0.392	
Std Dev	0.114	0.139	0.147	



28.132_ACCURACY I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.9	uA
Min Limit	98.9	uA

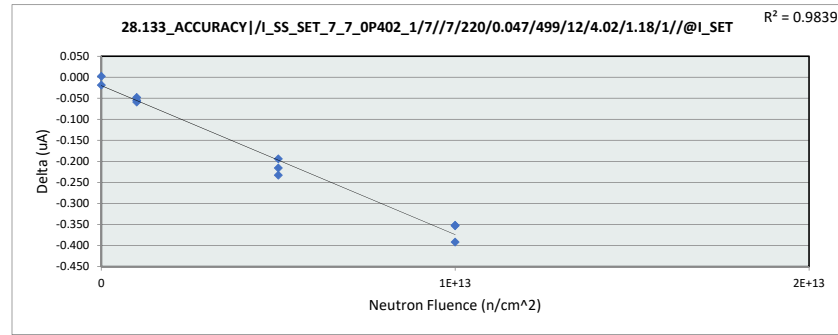
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.713	99.774	99.630	99.445
Average	99.793	99.857	99.742	99.607
Max	99.872	99.914	99.849	99.751
UL	100.900	100.900	100.900	100.900



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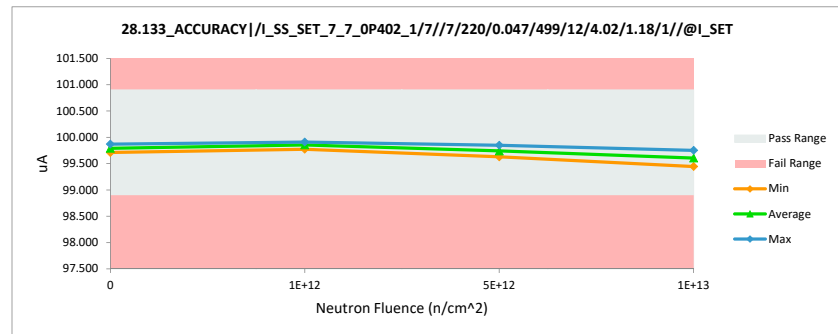
28.133_ACCURACY/I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.868	99.870	0.002
0	287	99.729	99.710	-0.019
1E+12	169	99.831	99.772	-0.059
1E+12	170	99.935	99.880	-0.055
1E+12	171	99.959	99.911	-0.048
5E+12	172	99.959	99.743	-0.216
5E+12	173	99.822	99.628	-0.194
5E+12	174	100.081	99.848	-0.233
1E+13	175	100.103	99.751	-0.352
1E+13	176	99.976	99.623	-0.353
1E+13	177	99.836	99.444	-0.392
Max	100.103	99.911	0.002	
Average	99.918	99.744	-0.174	
Min	99.729	99.444	-0.392	
Std Dev	0.114	0.139	0.147	



28.133_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.9	uA
Min Limit	98.9	uA

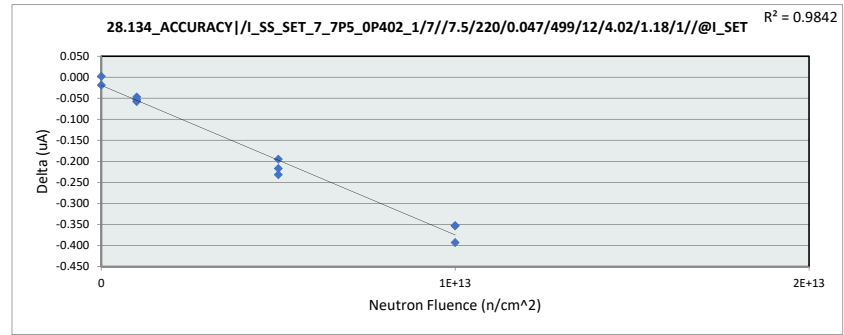
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.710	99.772	99.628	99.444
Average	99.790	99.854	99.740	99.606
Max	99.870	99.911	99.848	99.751
UL	100.900	100.900	100.900	100.900



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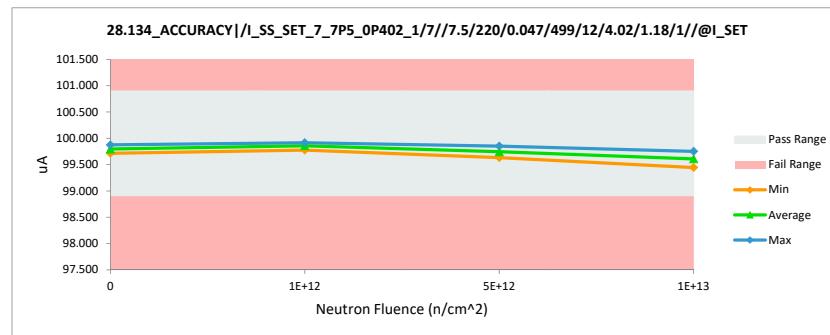
28.134_ACCURACY/I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.872	99.874	0.002
0	287	99.734	99.715	-0.019
1E+12	169	99.834	99.776	-0.058
1E+12	170	99.939	99.885	-0.054
1E+12	171	99.962	99.915	-0.047
5E+12	172	99.964	99.747	-0.217
5E+12	173	99.827	99.632	-0.195
5E+12	174	100.084	99.852	-0.232
1E+13	175	100.105	99.752	-0.353
1E+13	176	99.979	99.626	-0.353
1E+13	177	99.839	99.446	-0.393
Max	100.105	99.915	0.002	
Average	99.922	99.747	-0.174	
Min	99.734	99.446	-0.393	
Std Dev	0.113	0.140	0.147	



28.134_ACCURACY/I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.9	uA
Min Limit	98.9	uA

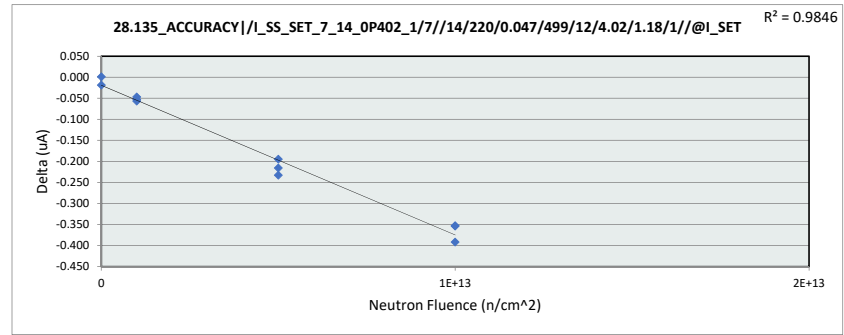
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.715	99.776	99.632	99.446
Average	99.795	99.859	99.744	99.608
Max	99.874	99.915	99.852	99.752
UL	100.900	100.900	100.900	100.900



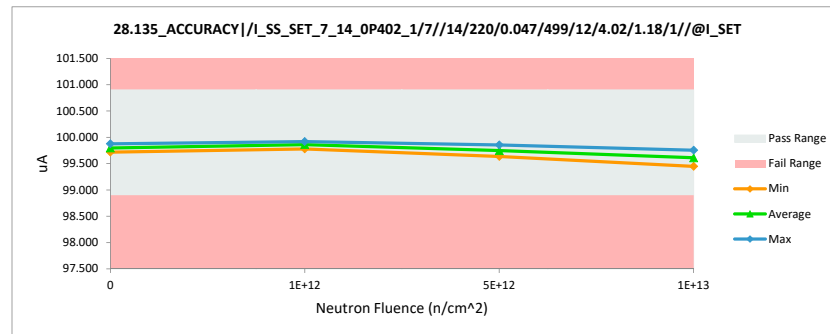
NDD Report TPS7H1111-SP

28.135_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.875	99.876	0.001
0	287	99.736	99.717	-0.019
1E+12	169	99.836	99.779	-0.057
1E+12	170	99.941	99.888	-0.053
1E+12	171	99.965	99.918	-0.047
5E+12	172	99.966	99.750	-0.216
5E+12	173	99.830	99.635	-0.195
5E+12	174	100.087	99.854	-0.233
1E+13	175	100.108	99.755	-0.353
1E+13	176	99.982	99.628	-0.354
1E+13	177	99.840	99.448	-0.392
	Max	100.108	99.918	0.001
	Average	99.924	99.750	-0.174
	Min	99.736	99.448	-0.392
	Std Dev	0.114	0.140	0.147



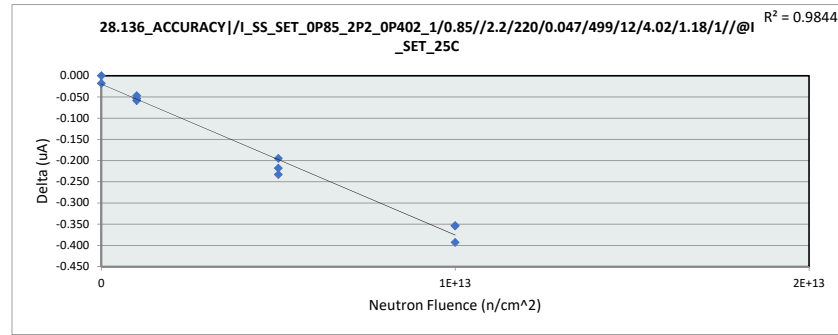
28.135_ACCURACY I_SS_SET_7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	100.9	uA		
Min Limit	98.9	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.717	99.779	99.635	99.448
Average	99.797	99.862	99.746	99.610
Max	99.876	99.918	99.854	99.755
UL	100.900	100.900	100.900	100.900



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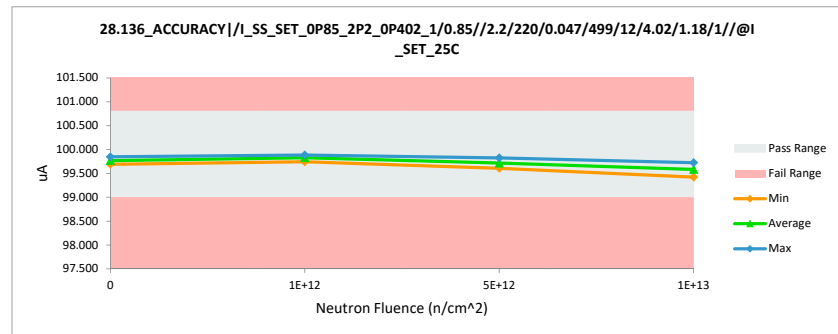
28.136_ACCURACY /I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.846	99.846	0.000
0	287	99.707	99.689	-0.018
1E+12	169	99.803	99.744	-0.059
1E+12	170	99.908	99.854	-0.054
1E+12	171	99.933	99.886	-0.047
5E+12	172	99.933	99.715	-0.218
5E+12	173	99.800	99.605	-0.195
5E+12	174	100.057	99.824	-0.233
1E+13	175	100.078	99.724	-0.354
1E+13	176	99.953	99.599	-0.354
1E+13	177	99.815	99.422	-0.393
Max		100.078	99.886	0.000
Average		99.894	99.719	-0.175
Min		99.707	99.422	-0.393
Std Dev		0.113	0.138	0.147



28.136_ACCURACY /I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

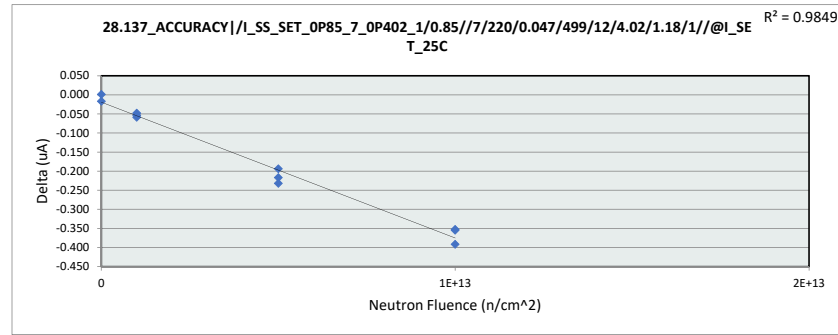
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.689	99.744	99.605	99.422
Average	99.768	99.828	99.715	99.582
Max	99.846	99.886	99.824	99.724
UL	100.800	100.800	100.800	100.800



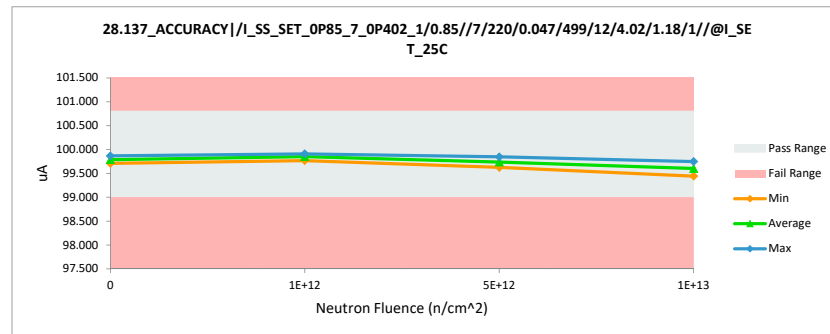
NDD Report TPS7H1111-SP

28.137_ACCURACY I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.865	99.866	0.001
0	287	99.725	99.708	-0.017
1E+12	169	99.827	99.768	-0.059
1E+12	170	99.930	99.876	-0.054
1E+12	171	99.956	99.908	-0.048
5E+12	172	99.956	99.739	-0.217
5E+12	173	99.819	99.625	-0.194
5E+12	174	100.077	99.845	-0.232
1E+13	175	100.099	99.746	-0.353
1E+13	176	99.973	99.618	-0.355
1E+13	177	99.833	99.441	-0.392
Max		100.099	99.908	0.001
Average		99.915	99.740	-0.175
Min		99.725	99.441	-0.392
Std Dev		0.114	0.139	0.147



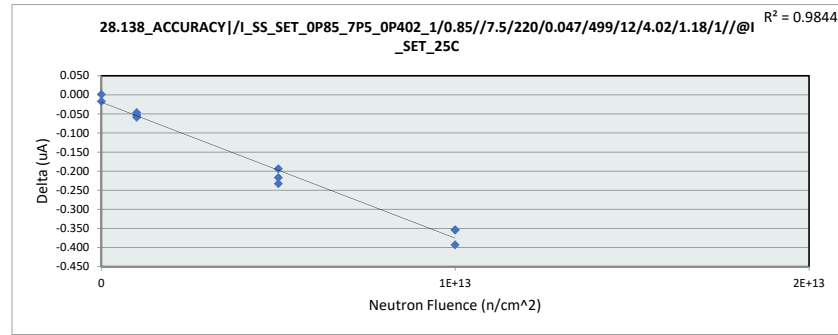
28.137_ACCURACY I_SS_SET_0				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	100.8	uA		
Min Limit	99	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.708	99.768	99.625	99.441
Average	99.787	99.851	99.736	99.602
Max	99.866	99.908	99.845	99.746
UL	100.800	100.800	100.800	100.800



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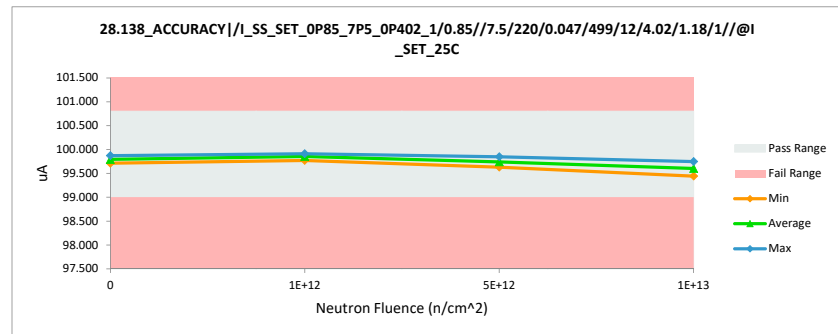
28.138_ACCURACY /I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.869	99.870	0.001
0	287	99.729	99.712	-0.017
1E+12	169	99.831	99.772	-0.059
1E+12	170	99.935	99.881	-0.054
1E+12	171	99.958	99.911	-0.047
5E+12	172	99.960	99.743	-0.217
5E+12	173	99.823	99.629	-0.194
5E+12	174	100.080	99.847	-0.233
1E+13	175	100.102	99.748	-0.354
1E+13	176	99.976	99.622	-0.354
1E+13	177	99.834	99.441	-0.393
Max	100.102	99.911	0.001	
Average	99.918	99.743	-0.175	
Min	99.729	99.441	-0.393	
Std Dev	0.114	0.140	0.147	



28.138_ACCURACY /I_SS_SET_0		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

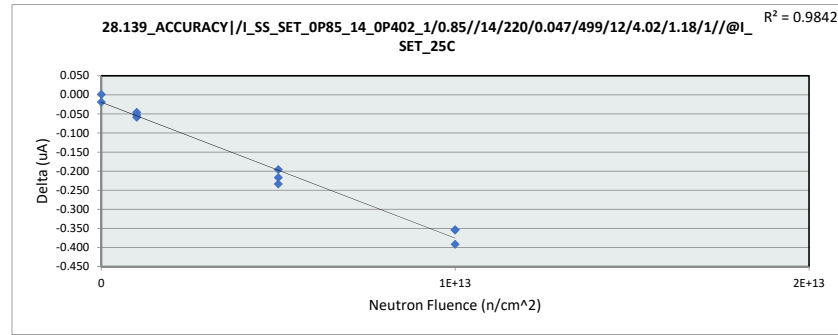
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.712	99.772	99.629	99.441
Average	99.791	99.855	99.740	99.604
Max	99.870	99.911	99.847	99.748
UL	100.800	100.800	100.800	100.800



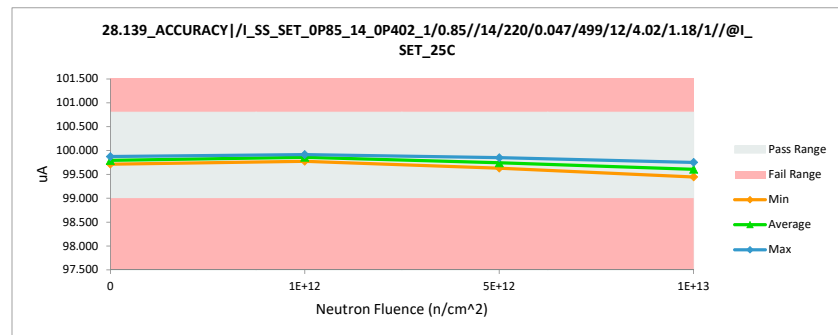
NDD Report TPS7H1111-SP

28.139_ACCURACY/I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.871	99.872	0.001
0	287	99.732	99.713	-0.019
1E+12	169	99.833	99.774	-0.059
1E+12	170	99.936	99.883	-0.053
1E+12	171	99.960	99.914	-0.046
5E+12	172	99.963	99.746	-0.217
5E+12	173	99.826	99.630	-0.196
5E+12	174	100.083	99.849	-0.234
1E+13	175	100.105	99.751	-0.354
1E+13	176	99.978	99.624	-0.354
1E+13	177	99.837	99.445	-0.392
Max	100.105	99.914	0.001	
Average	99.920	99.746	-0.175	
Min	99.732	99.445	-0.392	
Std Dev	0.114	0.139	0.147	



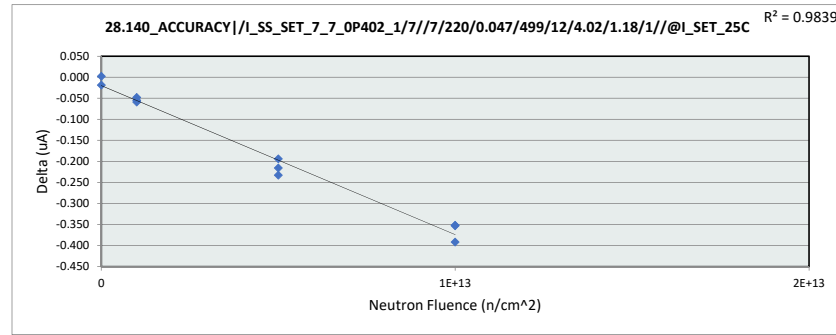
28.139_ACCURACY/I_SS_SET_0				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	100.8	uA		
Min Limit	99	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.713	99.774	99.630	99.445
Average	99.793	99.857	99.742	99.607
Max	99.872	99.914	99.849	99.751
UL	100.800	100.800	100.800	100.800



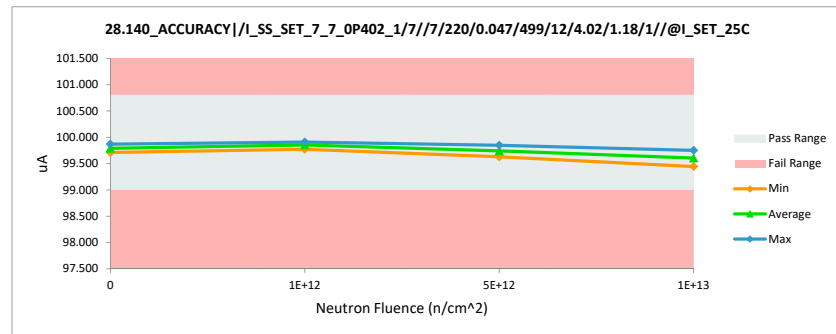
NDD Report TPS7H1111-SP

28.140_ACCURACY/I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.868	99.870	0.002
0	287	99.729	99.710	-0.019
1E+12	169	99.831	99.772	-0.059
1E+12	170	99.935	99.880	-0.055
1E+12	171	99.959	99.911	-0.048
5E+12	172	99.959	99.743	-0.216
5E+12	173	99.822	99.628	-0.194
5E+12	174	100.081	99.848	-0.233
1E+13	175	100.103	99.751	-0.352
1E+13	176	99.976	99.623	-0.353
1E+13	177	99.836	99.444	-0.392
	Max	100.103	99.911	0.002
	Average	99.918	99.744	-0.174
	Min	99.729	99.444	-0.392
	Std Dev	0.114	0.139	0.147



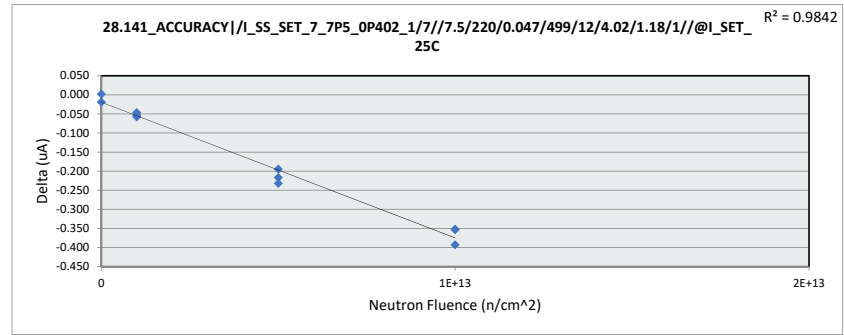
28.140_ACCURACY/I_SS_SET_7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	100.8	uA		
Min Limit	99	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.710	99.772	99.628	99.444
Average	99.790	99.854	99.740	99.606
Max	99.870	99.911	99.848	99.751
UL	100.800	100.800	100.800	100.800



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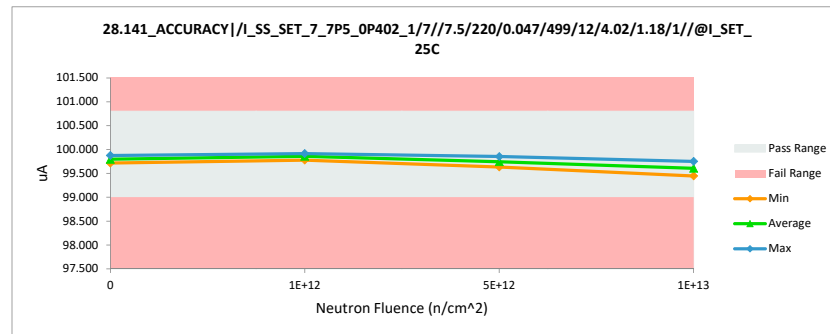
28.141_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.872	99.874	0.002
0	287	99.734	99.715	-0.019
1E+12	169	99.834	99.776	-0.058
1E+12	170	99.939	99.885	-0.054
1E+12	171	99.962	99.915	-0.047
5E+12	172	99.964	99.747	-0.217
5E+12	173	99.827	99.632	-0.195
5E+12	174	100.084	99.852	-0.232
1E+13	175	100.105	99.752	-0.353
1E+13	176	99.979	99.626	-0.353
1E+13	177	99.839	99.446	-0.393
Max	100.105	99.915	0.002	
Average	99.922	99.747	-0.174	
Min	99.734	99.446	-0.393	
Std Dev	0.113	0.140	0.147	



28.141_ACCURACY I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

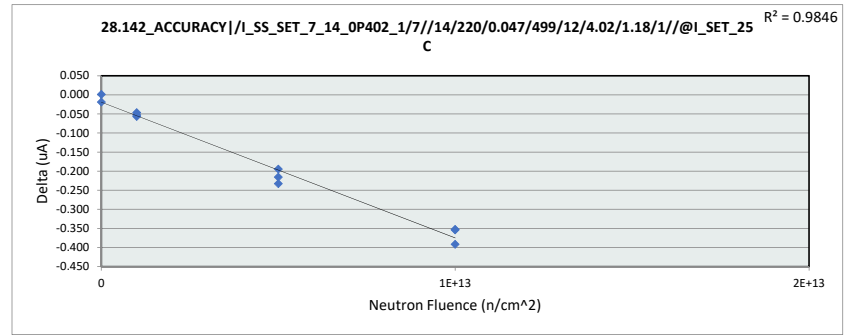
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.715	99.776	99.632	99.446
Average	99.795	99.859	99.744	99.608
Max	99.874	99.915	99.852	99.752
UL	100.800	100.800	100.800	100.800



NDD Report TPS7H1111-SP

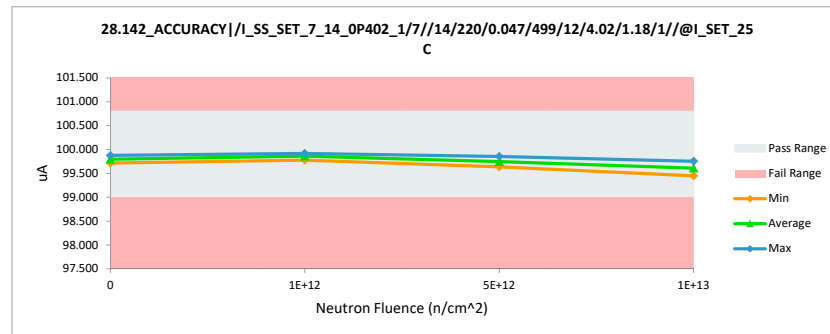
28.142_ACCURACY/I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.875	99.876	0.001
0	287	99.736	99.717	-0.019
1E+12	169	99.836	99.779	-0.057
1E+12	170	99.941	99.888	-0.053
1E+12	171	99.965	99.918	-0.047
5E+12	172	99.966	99.750	-0.216
5E+12	173	99.830	99.635	-0.195
5E+12	174	100.087	99.854	-0.233
1E+13	175	100.108	99.755	-0.353
1E+13	176	99.982	99.628	-0.354
1E+13	177	99.840	99.448	-0.392
Max	100.108	99.918	0.001	
Average	99.924	99.750	-0.174	
Min	99.736	99.448	-0.392	
Std Dev	0.114	0.140	0.147	



28.142_ACCURACY/I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

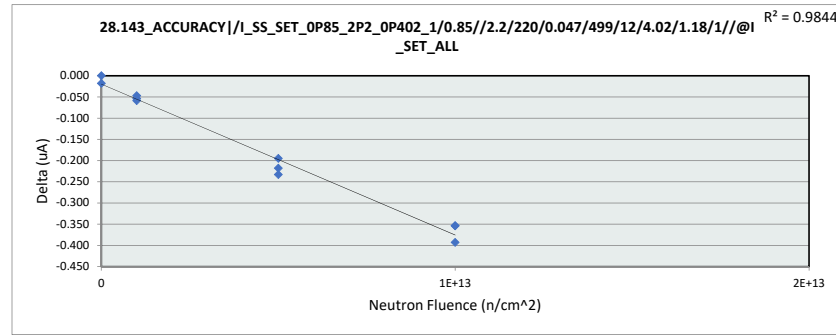
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.717	99.779	99.635	99.448
Average	99.797	99.862	99.746	99.610
Max	99.876	99.918	99.854	99.755
UL	100.800	100.800	100.800	100.800



NDD Report TPS7H1111-SP

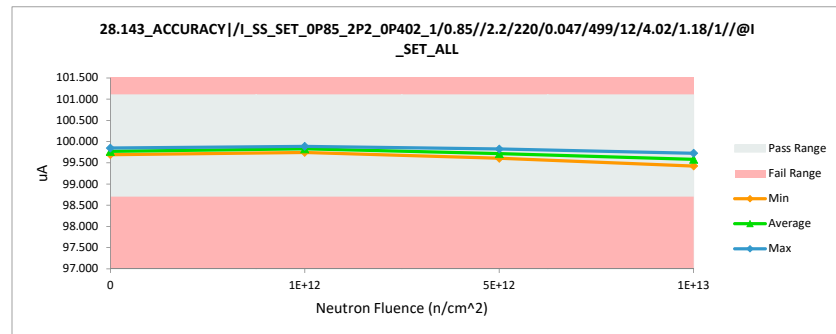
28.143_ACCURACY /I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.846	99.846	0.000
0	287	99.707	99.689	-0.018
1E+12	169	99.803	99.744	-0.059
1E+12	170	99.908	99.854	-0.054
1E+12	171	99.933	99.886	-0.047
5E+12	172	99.933	99.715	-0.218
5E+12	173	99.800	99.605	-0.195
5E+12	174	100.057	99.824	-0.233
1E+13	175	100.078	99.724	-0.354
1E+13	176	99.953	99.599	-0.354
1E+13	177	99.815	99.422	-0.393
Max		100.078	99.886	0.000
Average		99.894	99.719	-0.175
Min		99.707	99.422	-0.393
Std Dev		0.113	0.138	0.147



28.143_ACCURACY /I_SS_SET_0		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

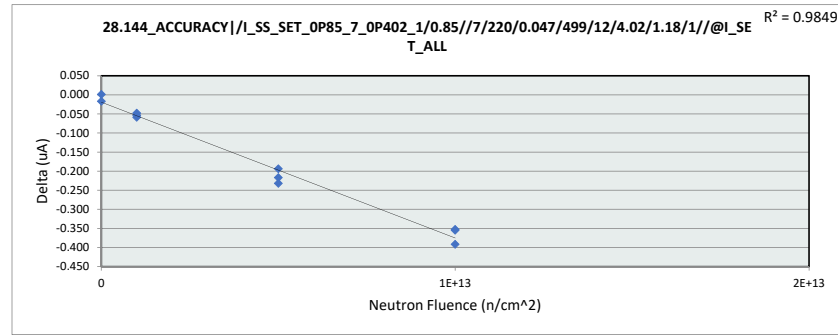
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.689	99.744	99.605	99.422
Average	99.768	99.828	99.715	99.582
Max	99.846	99.886	99.824	99.724
UL	101.100	101.100	101.100	101.100



NDD Report TPS7H1111-SP

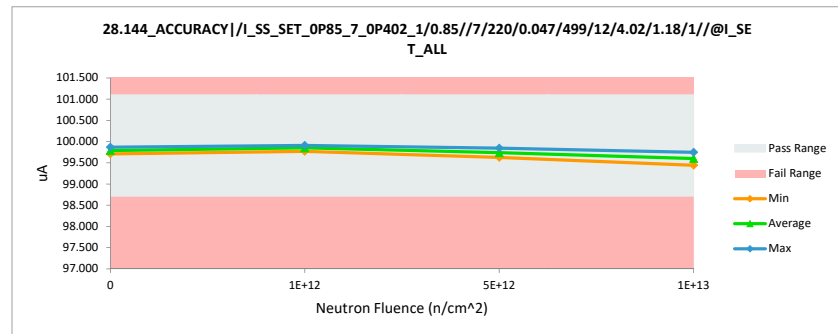
28.144_ACCURACY I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.865	99.866	0.001
0	287	99.725	99.708	-0.017
1E+12	169	99.827	99.768	-0.059
1E+12	170	99.930	99.876	-0.054
1E+12	171	99.956	99.908	-0.048
5E+12	172	99.956	99.739	-0.217
5E+12	173	99.819	99.625	-0.194
5E+12	174	100.077	99.845	-0.232
1E+13	175	100.099	99.746	-0.353
1E+13	176	99.973	99.618	-0.355
1E+13	177	99.833	99.441	-0.392
Max	100.099	99.908	0.001	
Average	99.915	99.740	-0.175	
Min	99.725	99.441	-0.392	
Std Dev	0.114	0.139	0.147	



28.144_ACCURACY I_SS_SET_0		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

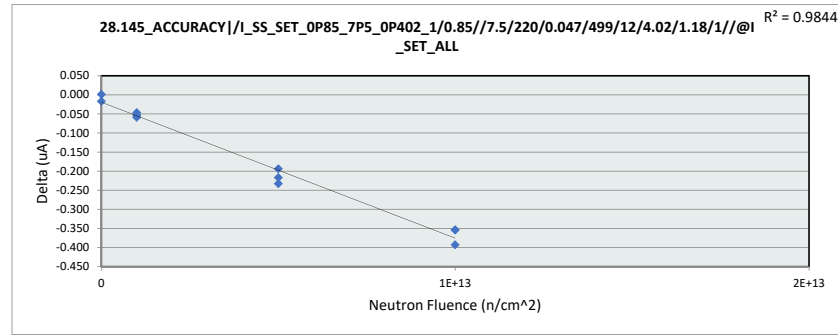
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.708	99.768	99.625	99.441
Average	99.787	99.851	99.736	99.602
Max	99.866	99.908	99.845	99.746
UL	101.100	101.100	101.100	101.100



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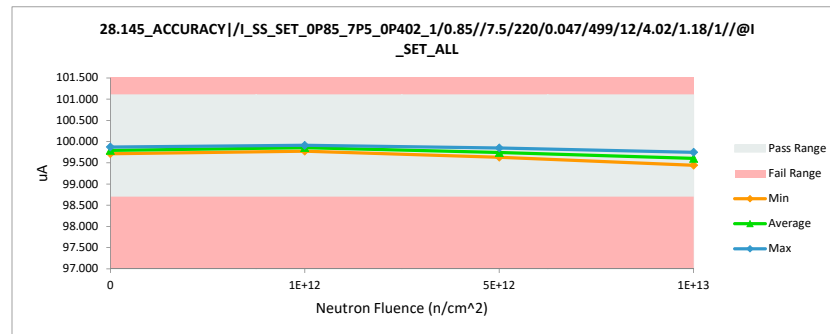
28.145_ACCURACY /I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.869	99.870	0.001
0	287	99.729	99.712	-0.017
1E+12	169	99.831	99.772	-0.059
1E+12	170	99.935	99.881	-0.054
1E+12	171	99.958	99.911	-0.047
5E+12	172	99.960	99.743	-0.217
5E+12	173	99.823	99.629	-0.194
5E+12	174	100.080	99.847	-0.233
1E+13	175	100.102	99.748	-0.354
1E+13	176	99.976	99.622	-0.354
1E+13	177	99.834	99.441	-0.393
Max	100.102	99.911	0.001	
Average	99.918	99.743	-0.175	
Min	99.729	99.441	-0.393	
Std Dev	0.114	0.140	0.147	



28.145_ACCURACY /I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

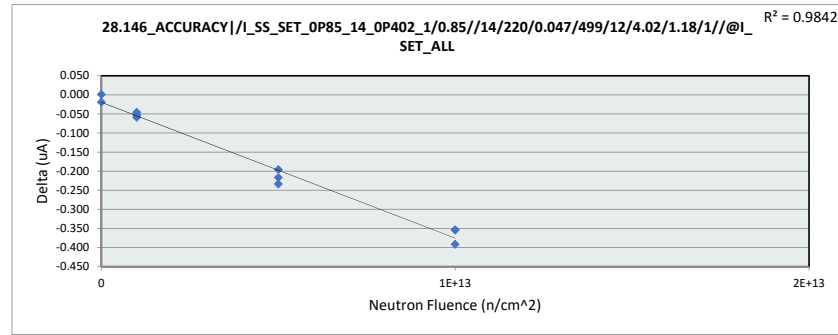
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.712	99.772	99.629	99.441
Average	99.791	99.855	99.740	99.604
Max	99.870	99.911	99.847	99.748
UL	101.100	101.100	101.100	101.100



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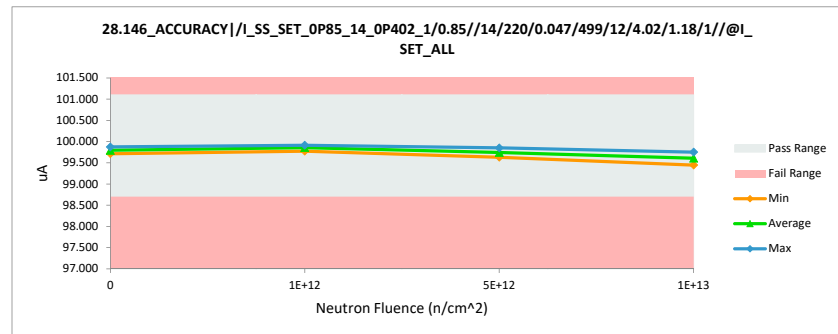
28.146_ACCURACY/I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.871	99.872	0.001
0	287	99.732	99.713	-0.019
1E+12	169	99.833	99.774	-0.059
1E+12	170	99.936	99.883	-0.053
1E+12	171	99.960	99.914	-0.046
5E+12	172	99.963	99.746	-0.217
5E+12	173	99.826	99.630	-0.196
5E+12	174	100.083	99.849	-0.234
1E+13	175	100.105	99.751	-0.354
1E+13	176	99.978	99.624	-0.354
1E+13	177	99.837	99.445	-0.392
Max	100.105	99.914	0.001	
Average	99.920	99.746	-0.175	
Min	99.732	99.445	-0.392	
Std Dev	0.114	0.139	0.147	



28.146_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

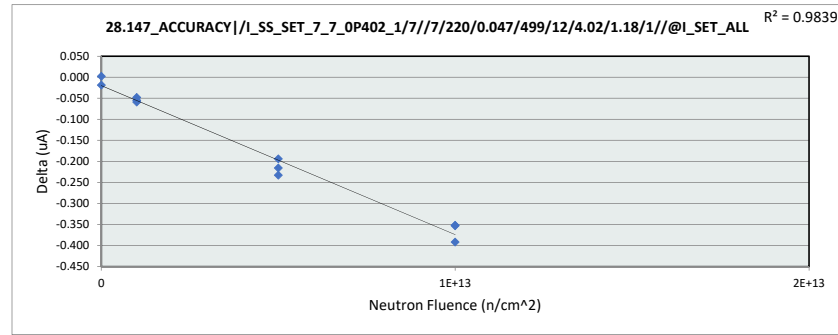
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.713	99.774	99.630	99.445
Average	99.793	99.857	99.742	99.607
Max	99.872	99.914	99.849	99.751
UL	101.100	101.100	101.100	101.100



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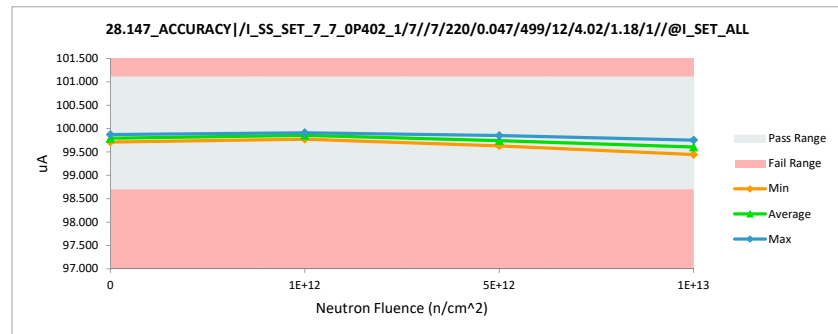
28.147_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.868	99.870	0.002
0	287	99.729	99.710	-0.019
1E+12	169	99.831	99.772	-0.059
1E+12	170	99.935	99.880	-0.055
1E+12	171	99.959	99.911	-0.048
5E+12	172	99.959	99.743	-0.216
5E+12	173	99.822	99.628	-0.194
5E+12	174	100.081	99.848	-0.233
1E+13	175	100.103	99.751	-0.352
1E+13	176	99.976	99.623	-0.353
1E+13	177	99.836	99.444	-0.392
	Max	100.103	99.911	0.002
	Average	99.918	99.744	-0.174
	Min	99.729	99.444	-0.392
	Std Dev	0.114	0.139	0.147



28.147_ACCURACY I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

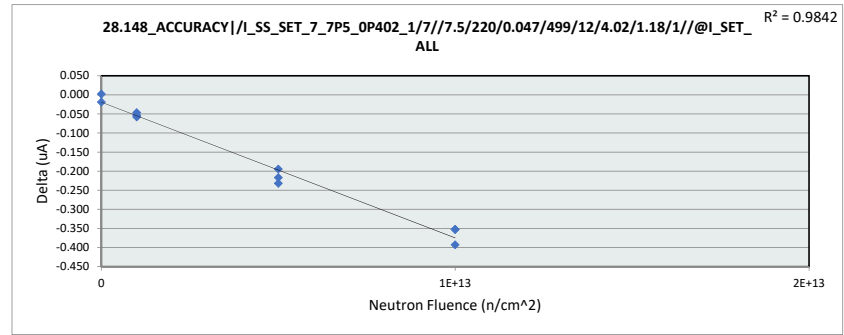
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.710	99.772	99.628	99.444
Average	99.790	99.854	99.740	99.606
Max	99.870	99.911	99.848	99.751
UL	101.100	101.100	101.100	101.100



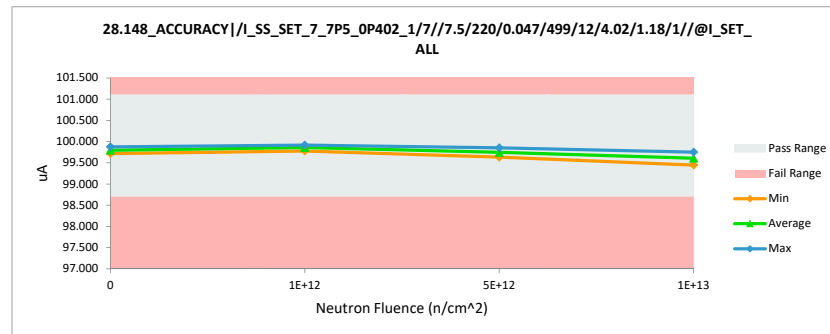
NDD Report TPS7H1111-SP

28.148_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.872	99.874	0.002
0	287	99.734	99.715	-0.019
1E+12	169	99.834	99.776	-0.058
1E+12	170	99.939	99.885	-0.054
1E+12	171	99.962	99.915	-0.047
5E+12	172	99.964	99.747	-0.217
5E+12	173	99.827	99.632	-0.195
5E+12	174	100.084	99.852	-0.232
1E+13	175	100.105	99.752	-0.353
1E+13	176	99.979	99.626	-0.353
1E+13	177	99.839	99.446	-0.393
Max		100.105	99.915	0.002
Average		99.922	99.747	-0.174
Min		99.734	99.446	-0.393
Std Dev		0.113	0.140	0.147



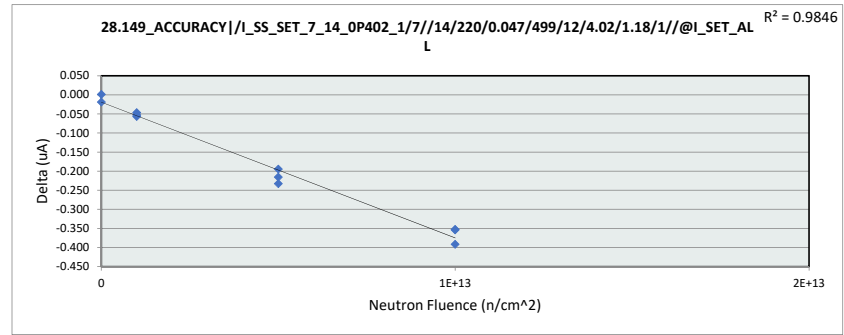
28.148_ACCURACY I_SS_SET_7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	101.1	uA		
Min Limit	98.7	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.715	99.776	99.632	99.446
Average	99.795	99.859	99.744	99.608
Max	99.874	99.915	99.852	99.752
UL	101.100	101.100	101.100	101.100



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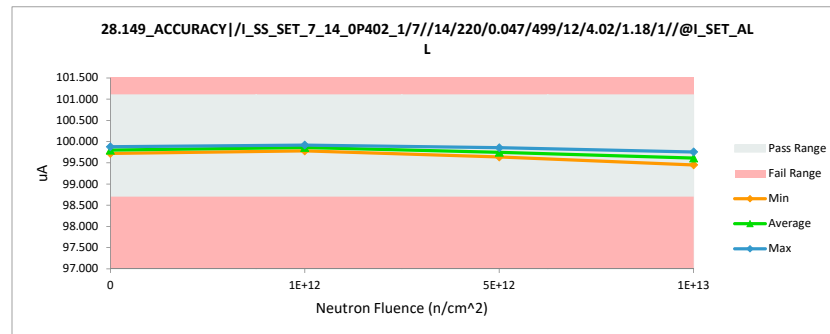
28.149_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.875	99.876	0.001
0	287	99.736	99.717	-0.019
1E+12	169	99.836	99.779	-0.057
1E+12	170	99.941	99.888	-0.053
1E+12	171	99.965	99.918	-0.047
5E+12	172	99.966	99.750	-0.216
5E+12	173	99.830	99.635	-0.195
5E+12	174	100.087	99.854	-0.233
1E+13	175	100.108	99.755	-0.353
1E+13	176	99.982	99.628	-0.354
1E+13	177	99.840	99.448	-0.392
Max	100.108	99.918	0.001	
Average	99.924	99.750	-0.174	
Min	99.736	99.448	-0.392	
Std Dev	0.114	0.140	0.147	



28.149_ACCURACY I_SS_SET_7	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	101.1 uA
Min Limit	98.7 uA

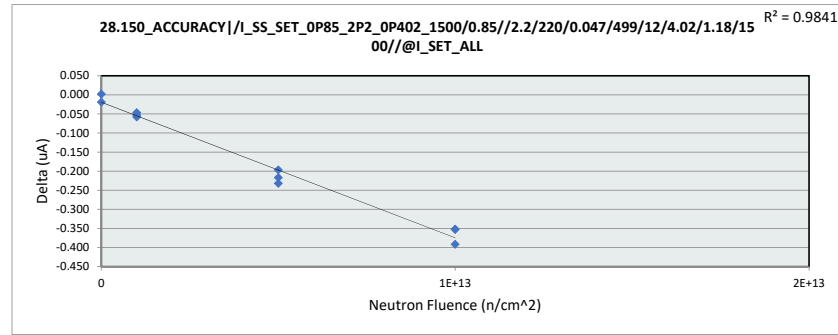
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.717	99.779	99.635	99.448
Average	99.797	99.862	99.746	99.610
Max	99.876	99.918	99.854	99.755
UL	101.100	101.100	101.100	101.100



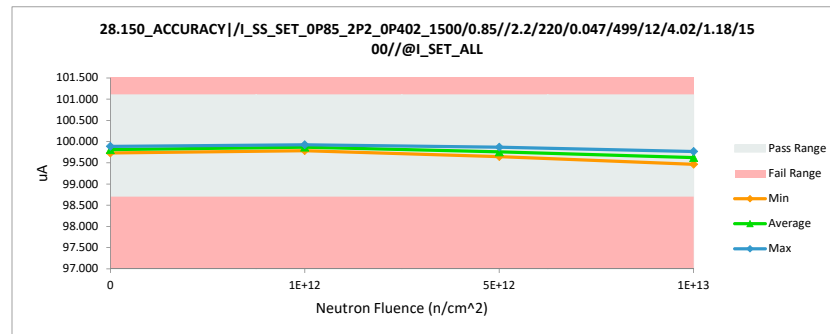
NDD Report TPS7H1111-SP

28.150_ACCURACY /I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.884	99.886	0.002
0	287	99.749	99.730	-0.019
1E+12	169	99.843	99.785	-0.058
1E+12	170	99.948	99.895	-0.053
1E+12	171	99.972	99.925	-0.047
5E+12	172	99.973	99.756	-0.217
5E+12	173	99.842	99.645	-0.197
5E+12	174	100.098	99.866	-0.232
1E+13	175	100.119	99.767	-0.352
1E+13	176	99.993	99.640	-0.353
1E+13	177	99.855	99.463	-0.392
Max	100.119	99.925	0.002	
Average	99.934	99.760	-0.174	
Min	99.749	99.463	-0.392	
Std Dev	0.113	0.138	0.147	



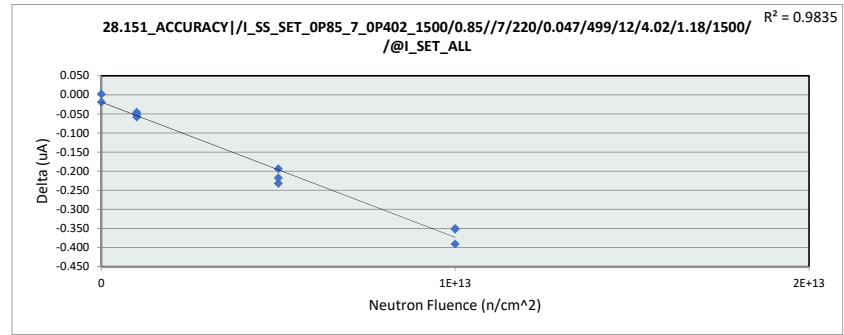
28.150_ACCURACY /I_SS_SET_0				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	101.1	uA		
Min Limit	98.7	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.730	99.785	99.645	99.463
Average	99.808	99.868	99.756	99.623
Max	99.886	99.925	99.866	99.767
UL	101.100	101.100	101.100	101.100



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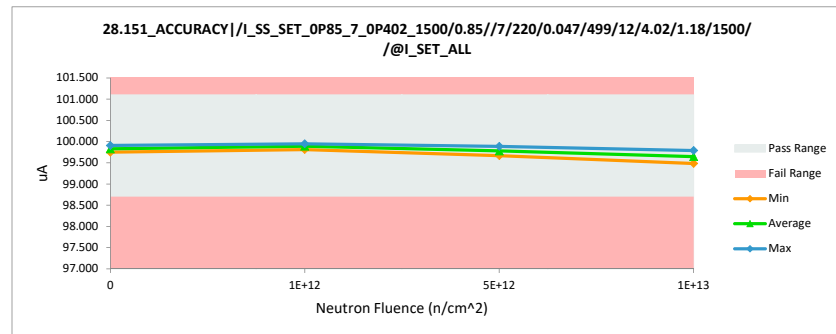
28.151_ACCURACY I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.905	99.907	0.002
0	287	99.767	99.748	-0.019
1E+12	169	99.868	99.810	-0.058
1E+12	170	99.970	99.918	-0.052
1E+12	171	99.994	99.948	-0.046
5E+12	172	99.998	99.780	-0.218
5E+12	173	99.860	99.666	-0.194
5E+12	174	100.118	99.886	-0.232
1E+13	175	100.141	99.790	-0.351
1E+13	176	100.013	99.661	-0.352
1E+13	177	99.874	99.483	-0.391
	Max	100.141	99.948	0.002
	Average	99.955	99.782	-0.174
	Min	99.767	99.483	-0.391
	Std Dev	0.114	0.139	0.147



28.151_ACCURACY I_SS_SET_0		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

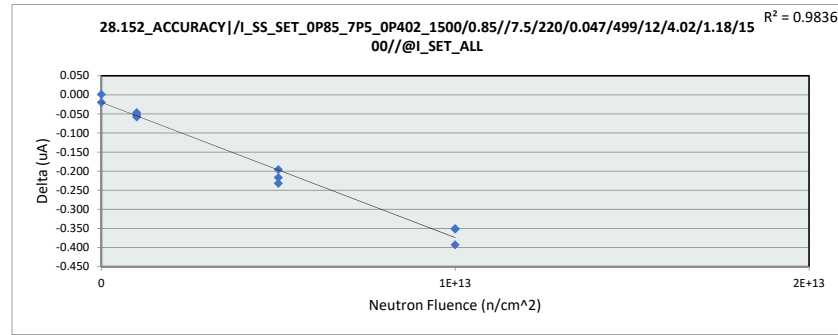
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.748	99.810	99.666	99.483
Average	99.828	99.892	99.777	99.645
Max	99.907	99.948	99.886	99.790
UL	101.100	101.100	101.100	101.100



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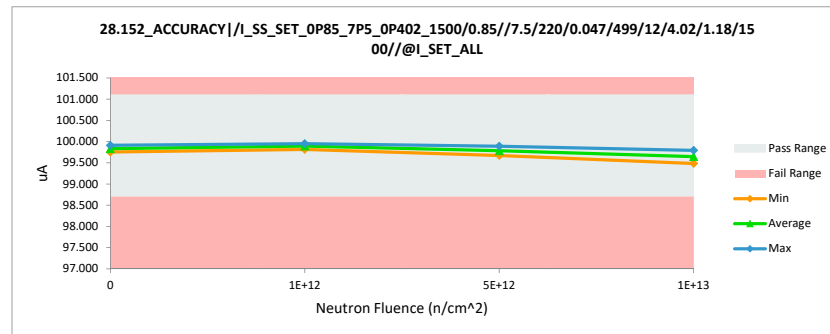
28.152_ACCURACY /I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.909	99.910	0.001
0	287	99.772	99.752	-0.020
1E+12	169	99.872	99.814	-0.058
1E+12	170	99.975	99.922	-0.053
1E+12	171	99.998	99.951	-0.047
5E+12	172	100.002	99.785	-0.217
5E+12	173	99.866	99.670	-0.196
5E+12	174	100.122	99.890	-0.232
1E+13	175	100.143	99.791	-0.352
1E+13	176	100.016	99.665	-0.351
1E+13	177	99.876	99.483	-0.393
	Max	100.143	99.951	0.001
	Average	99.959	99.785	-0.174
	Min	99.772	99.483	-0.393
	Std Dev	0.113	0.139	0.147



28.152_ACCURACY /I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

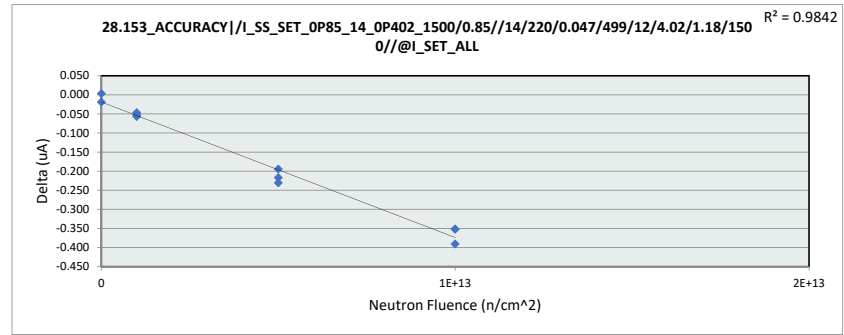
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.752	99.814	99.670	99.483
Average	99.831	99.896	99.782	99.646
Max	99.910	99.951	99.890	99.791
UL	101.100	101.100	101.100	101.100



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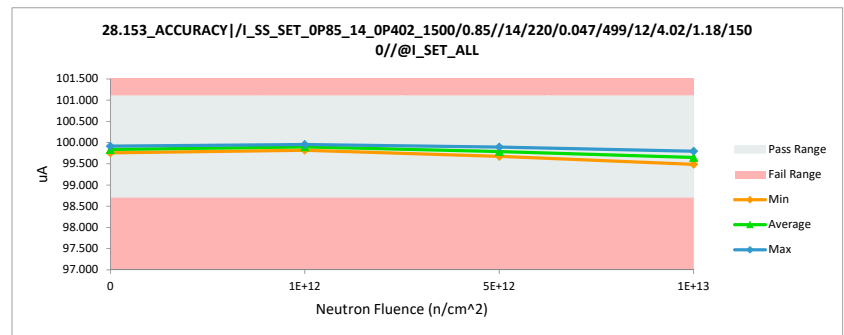
28.153_ACCURACY I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.911	99.914	0.003
0	287	99.775	99.756	-0.019
1E+12	169	99.875	99.818	-0.057
1E+12	170	99.978	99.925	-0.053
1E+12	171	100.001	99.954	-0.047
5E+12	172	100.006	99.789	-0.217
5E+12	173	99.868	99.673	-0.195
5E+12	174	100.125	99.894	-0.231
1E+13	175	100.147	99.795	-0.352
1E+13	176	100.019	99.667	-0.352
1E+13	177	99.879	99.488	-0.391
	Max	100.147	99.954	0.003
	Average	99.962	99.788	-0.174
	Min	99.775	99.488	-0.391
	Std Dev	0.113	0.139	0.147



28.153_ACCURACY I_SS_SET_0		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

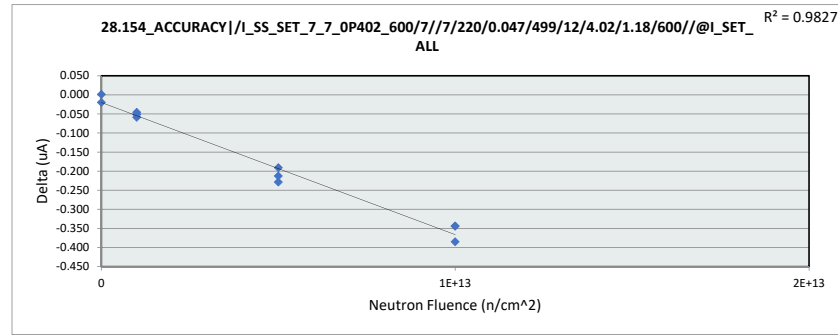
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.756	99.818	99.673	99.488
Average	99.835	99.899	99.785	99.650
Max	99.914	99.954	99.894	99.795
UL	101.100	101.100	101.100	101.100



NDD Report TPS7H1111-SP

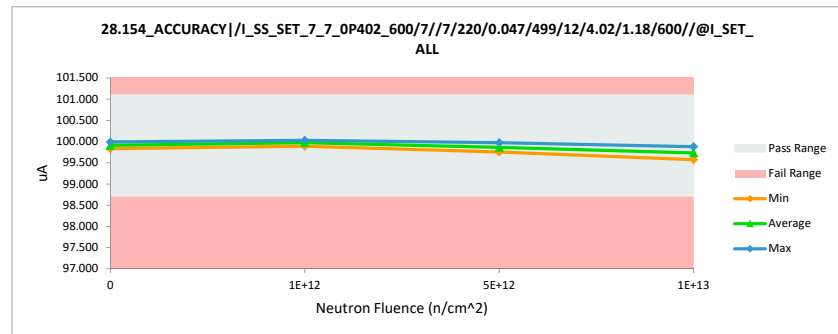
28.154_ACCURACY /I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.988	99.989	0.001
0	287	99.850	99.830	-0.020
1E+12	169	99.950	99.891	-0.059
1E+12	170	100.054	100.002	-0.052
1E+12	171	100.076	100.030	-0.046
5E+12	172	100.078	99.865	-0.213
5E+12	173	99.943	99.752	-0.191
5E+12	174	100.201	99.972	-0.229
1E+13	175	100.222	99.878	-0.344
1E+13	176	100.095	99.751	-0.344
1E+13	177	99.957	99.572	-0.385
Max	100.222	100.030	0.001	
Average	100.038	99.867	-0.171	
Min	99.850	99.572	-0.385	
Std Dev	0.113	0.137	0.143	



28.154_ACCURACY /I_SS_SET_7	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	101.1 uA
Min Limit	98.7 uA

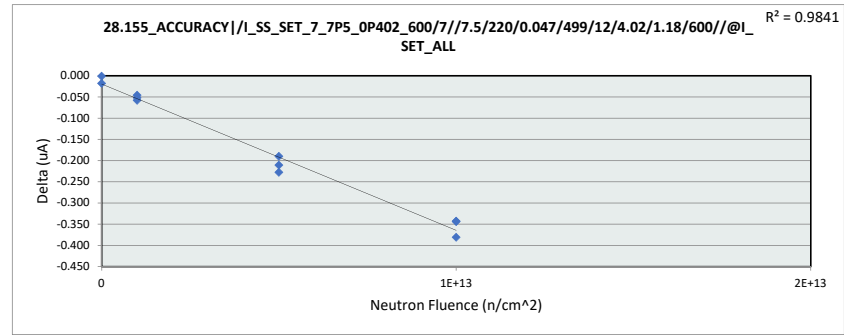
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.830	99.891	99.752	99.572
Average	99.910	99.974	99.863	99.734
Max	99.989	100.030	99.972	99.878
UL	101.100	101.100	101.100	101.100



NDD Report TPS7H1111-SP

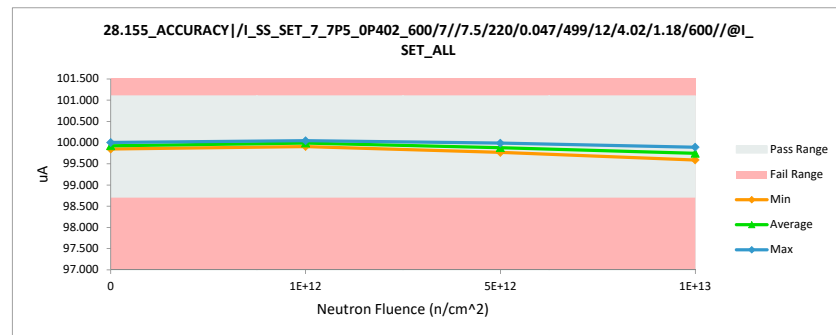
28.155_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	100.002	100.001	-0.001
0	287	99.864	99.846	-0.018
1E+12	169	99.964	99.906	-0.058
1E+12	170	100.068	100.016	-0.052
1E+12	171	100.089	100.043	-0.046
5E+12	172	100.093	99.882	-0.211
5E+12	173	99.957	99.767	-0.190
5E+12	174	100.214	99.986	-0.228
1E+13	175	100.235	99.892	-0.343
1E+13	176	100.109	99.765	-0.344
1E+13	177	99.969	99.588	-0.381
Max		100.235	100.043	-0.001
Average		100.051	99.881	-0.170
Min		99.864	99.588	-0.381
Std Dev		0.113	0.136	0.143



28.155_ACCURACY I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

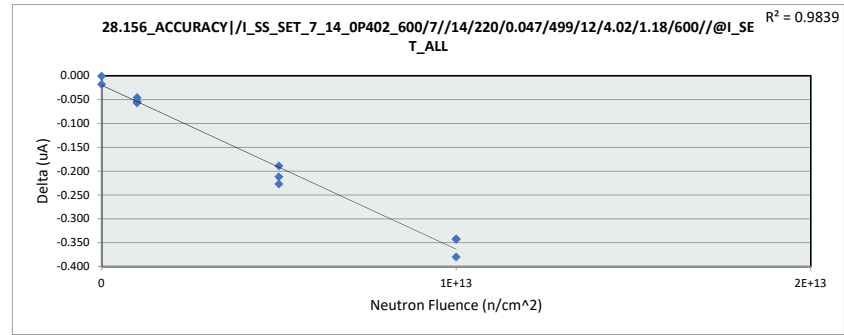
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.846	99.906	99.767	99.588
Average	99.924	99.988	99.878	99.748
Max	100.001	100.043	99.986	99.892
UL	101.100	101.100	101.100	101.100



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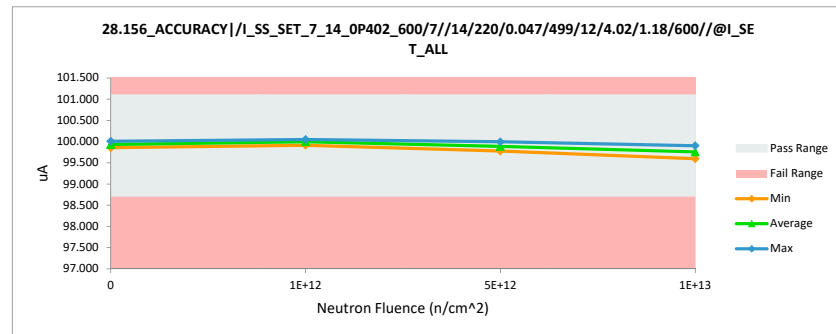
28.156_ACCURACY I_SS_SET 7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	100.008	100.007	-0.001
0	287	99.871	99.853	-0.018
1E+12	169	99.970	99.913	-0.057
1E+12	170	100.075	100.021	-0.054
1E+12	171	100.095	100.049	-0.046
5E+12	172	100.101	99.889	-0.212
5E+12	173	99.964	99.775	-0.189
5E+12	174	100.221	99.994	-0.227
1E+13	175	100.242	99.900	-0.342
1E+13	176	100.116	99.773	-0.343
1E+13	177	99.976	99.596	-0.380
Max		100.242	100.049	-0.001
Average		100.058	99.888	-0.170
Min		99.871	99.596	-0.380
Std Dev		0.113	0.135	0.142



28.156_ACCURACY I_SS_SET 7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

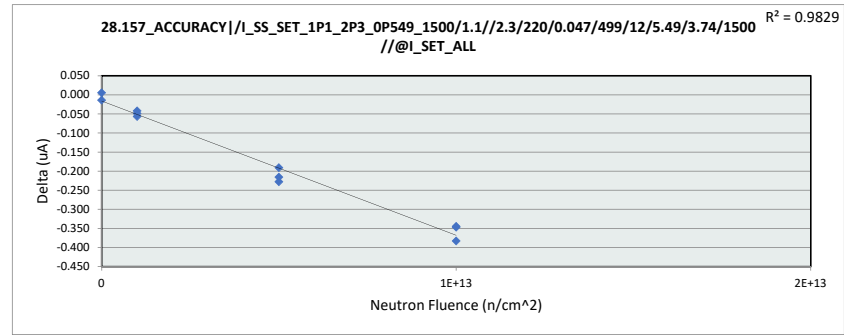
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.853	99.913	99.775	99.596
Average	99.930	99.994	99.886	99.756
Max	100.007	100.049	99.994	99.900
UL	101.100	101.100	101.100	101.100



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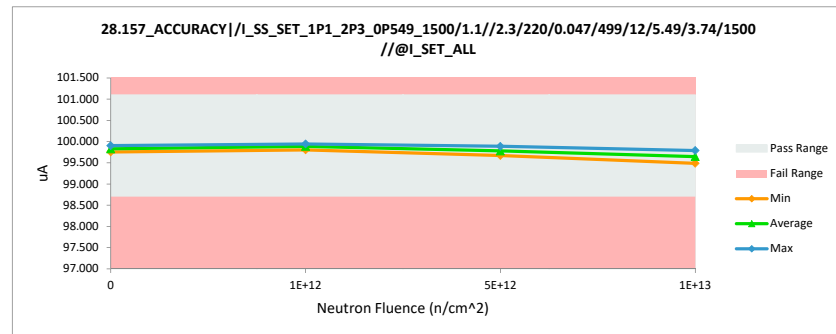
28.157_ACCURACY I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.898	99.903	0.005
0	287	99.767	99.753	-0.014
1E+12	169	99.860	99.803	-0.057
1E+12	170	99.963	99.914	-0.049
1E+12	171	99.986	99.944	-0.042
5E+12	172	99.992	99.776	-0.216
5E+12	173	99.861	99.670	-0.191
5E+12	174	100.115	99.887	-0.228
1E+13	175	100.135	99.790	-0.345
1E+13	176	100.009	99.662	-0.347
1E+13	177	99.870	99.487	-0.383
Max	100.135	99.944	0.005	
Average	99.951	99.781	-0.170	
Min	99.767	99.487	-0.383	
Std Dev	0.113	0.136	0.146	



28.157_ACCURACY I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

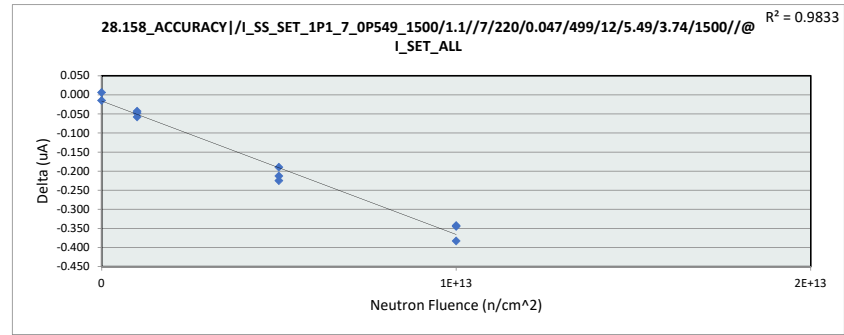
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.753	99.803	99.670	99.487
Average	99.828	99.887	99.778	99.646
Max	99.903	99.944	99.887	99.790
UL	101.100	101.100	101.100	101.100



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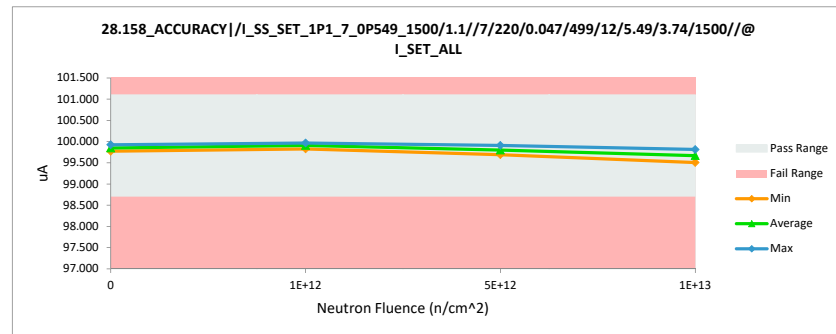
28.158_ACCURACY/I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.917	99.923	0.006
0	287	99.786	99.771	-0.015
1E+12	169	99.884	99.826	-0.058
1E+12	170	99.984	99.936	-0.048
1E+12	171	100.008	99.965	-0.043
5E+12	172	100.014	99.801	-0.213
5E+12	173	99.880	99.690	-0.190
5E+12	174	100.133	99.908	-0.225
1E+13	175	100.156	99.813	-0.343
1E+13	176	100.029	99.684	-0.345
1E+13	177	99.889	99.506	-0.383
	Max	100.156	99.965	0.006
	Average	99.971	99.802	-0.169
	Min	99.786	99.506	-0.383
	Std Dev	0.113	0.136	0.145



28.158_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

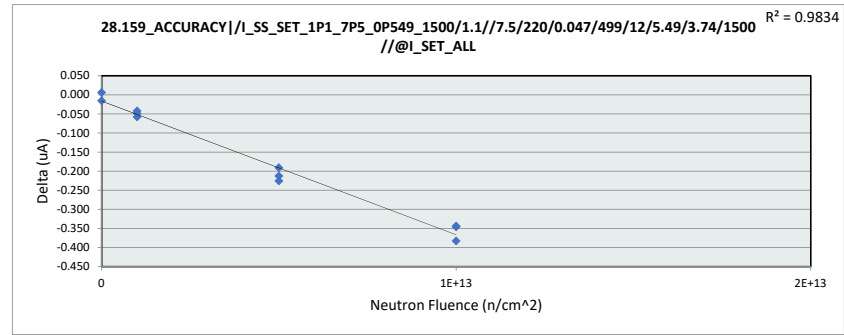
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.771	99.826	99.690	99.506
Average	99.847	99.909	99.800	99.668
Max	99.923	99.965	99.908	99.813
UL	101.100	101.100	101.100	101.100



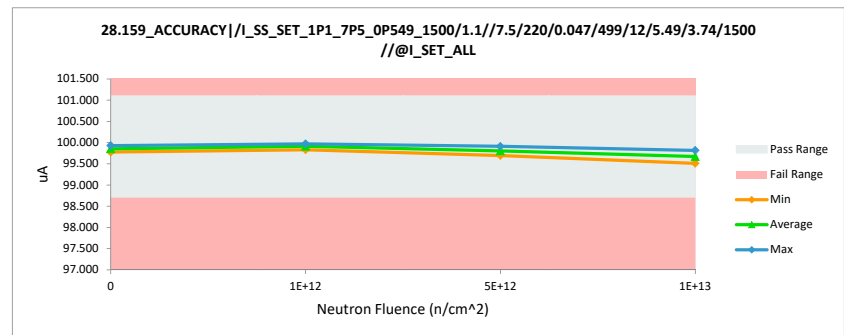
NDD Report TPS7H1111-SP

28.159_ACCURACY /I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.921	99.927	0.006
0	287	99.791	99.775	-0.016
1E+12	169	99.888	99.830	-0.058
1E+12	170	99.989	99.940	-0.049
1E+12	171	100.011	99.969	-0.042
5E+12	172	100.018	99.805	-0.213
5E+12	173	99.885	99.694	-0.191
5E+12	174	100.137	99.911	-0.226
1E+13	175	100.159	99.815	-0.344
1E+13	176	100.032	99.686	-0.346
1E+13	177	99.891	99.508	-0.383
	Max	100.159	99.969	0.006
	Average	99.975	99.805	-0.169
	Min	99.791	99.508	-0.383
	Std Dev	0.112	0.137	0.145



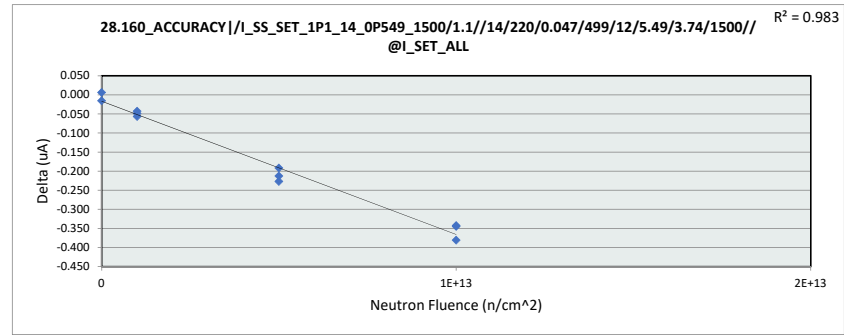
28.159_ACCURACY /I_SS_SET				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	101.1	uA		
Min Limit	98.7	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.775	99.830	99.694	99.508
Average	99.851	99.913	99.803	99.670
Max	99.927	99.969	99.911	99.815
UL	101.100	101.100	101.100	101.100



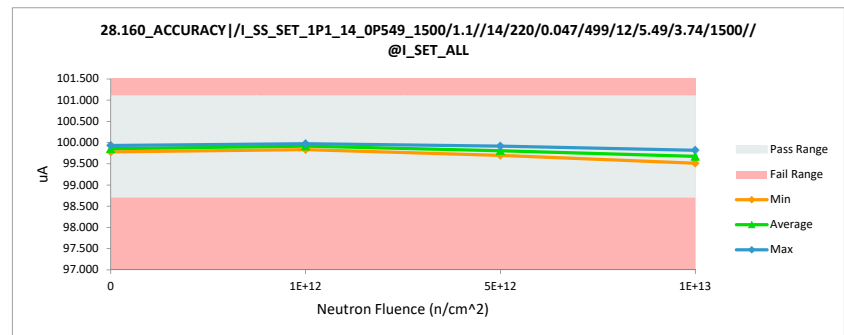
NDD Report TPS7H1111-SP

28.160_ACCURACY /I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.924	99.930	0.006
0	287	99.794	99.778	-0.016
1E+12	169	99.891	99.834	-0.057
1E+12	170	99.993	99.944	-0.049
1E+12	171	100.015	99.972	-0.043
5E+12	172	100.022	99.809	-0.213
5E+12	173	99.889	99.697	-0.192
5E+12	174	100.142	99.915	-0.227
1E+13	175	100.163	99.820	-0.343
1E+13	176	100.036	99.691	-0.345
1E+13	177	99.894	99.513	-0.381
Max	100.163	99.972	0.006	
Average	99.978	99.809	-0.169	
Min	99.794	99.513	-0.381	
Std Dev	0.113	0.137	0.145	



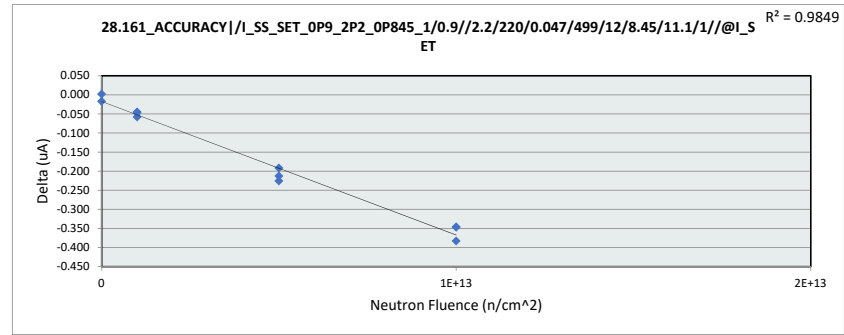
28.160_ACCURACY /I_SS_SET				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	101.1	uA		
Min Limit	98.7	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.778	99.834	99.697	99.513
Average	99.854	99.917	99.807	99.675
Max	99.930	99.972	99.915	99.820
UL	101.100	101.100	101.100	101.100



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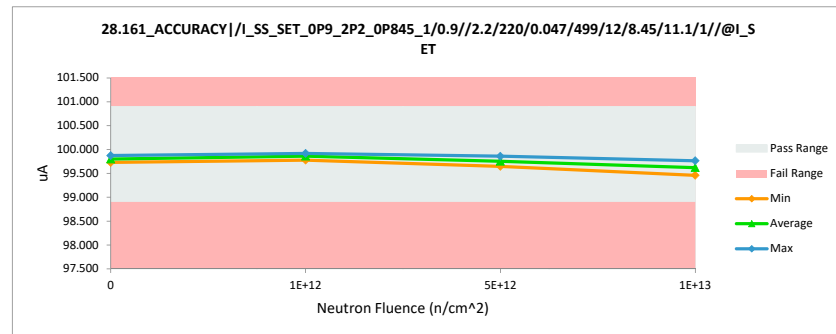
28.161_ACCURACY/I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.870	99.872	0.002
0	287	99.745	99.728	-0.017
1E+12	169	99.835	99.777	-0.058
1E+12	170	99.937	99.890	-0.047
1E+12	171	99.962	99.917	-0.045
5E+12	172	99.966	99.753	-0.213
5E+12	173	99.838	99.646	-0.192
5E+12	174	100.085	99.859	-0.226
1E+13	175	100.111	99.764	-0.347
1E+13	176	99.984	99.638	-0.346
1E+13	177	99.843	99.460	-0.383
Max	100.111	99.917	0.002	
Average	99.925	99.755	-0.170	
Min	99.745	99.460	-0.383	
Std Dev	0.112	0.135	0.145	



28.161_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.9	uA
Min Limit	98.9	uA

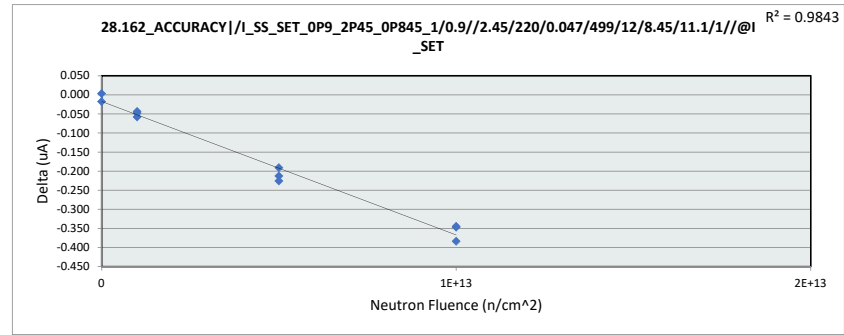
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.728	99.777	99.646	99.460
Average	99.800	99.861	99.753	99.621
Max	99.872	99.917	99.859	99.764
UL	100.900	100.900	100.900	100.900



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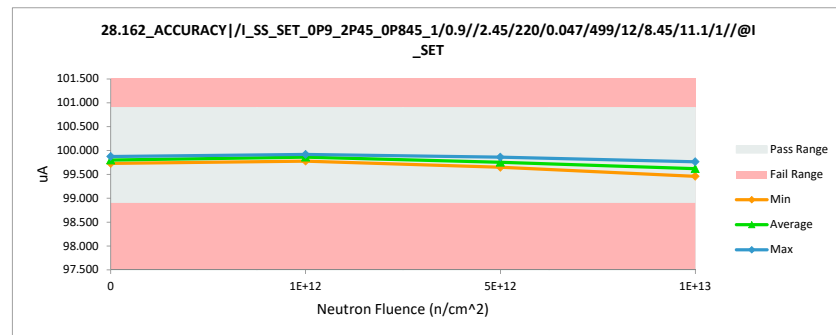
28.162_ACCURACY /I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.871	99.874	0.003
0	287	99.746	99.728	-0.018
1E+12	169	99.836	99.778	-0.058
1E+12	170	99.938	99.890	-0.048
1E+12	171	99.962	99.918	-0.044
5E+12	172	99.967	99.754	-0.213
5E+12	173	99.839	99.648	-0.191
5E+12	174	100.086	99.860	-0.226
1E+13	175	100.112	99.765	-0.347
1E+13	176	99.984	99.639	-0.345
1E+13	177	99.844	99.460	-0.384
Max	100.112	99.918	0.003	
Average	99.926	99.756	-0.170	
Min	99.746	99.460	-0.384	
Std Dev	0.112	0.135	0.145	



28.162_ACCURACY /I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.9	uA
Min Limit	98.9	uA

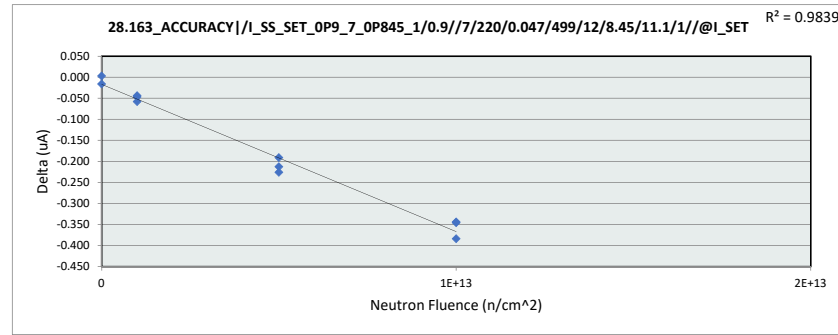
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.728	99.778	99.648	99.460
Average	99.801	99.862	99.754	99.621
Max	99.874	99.918	99.860	99.765
UL	100.900	100.900	100.900	100.900



NDD Report TPS7H1111-SP

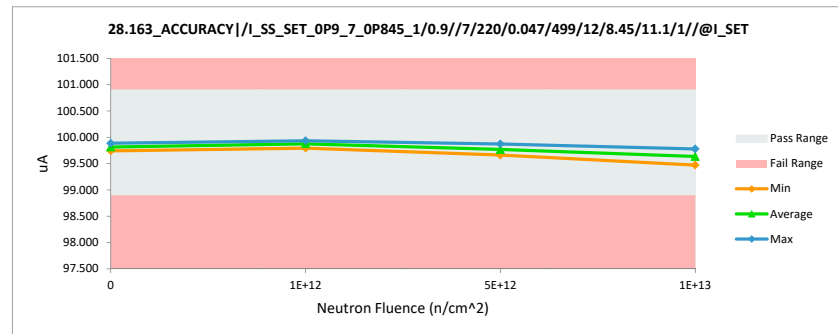
28.163_ACCURACY/I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.884	99.887	0.003
0	287	99.758	99.742	-0.016
1E+12	169	99.851	99.793	-0.058
1E+12	170	99.952	99.905	-0.047
1E+12	171	99.977	99.933	-0.044
5E+12	172	99.983	99.770	-0.213
5E+12	173	99.852	99.661	-0.191
5E+12	174	100.099	99.873	-0.226
1E+13	175	100.126	99.780	-0.346
1E+13	176	99.997	99.653	-0.344
1E+13	177	99.857	99.473	-0.384
Max	100.126	99.933	0.003	
Average	99.940	99.770	-0.170	
Min	99.758	99.473	-0.384	
Std Dev	0.112	0.136	0.145	



28.163_ACCURACY/I_SS_SET	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	100.9 uA
Min Limit	98.9 uA

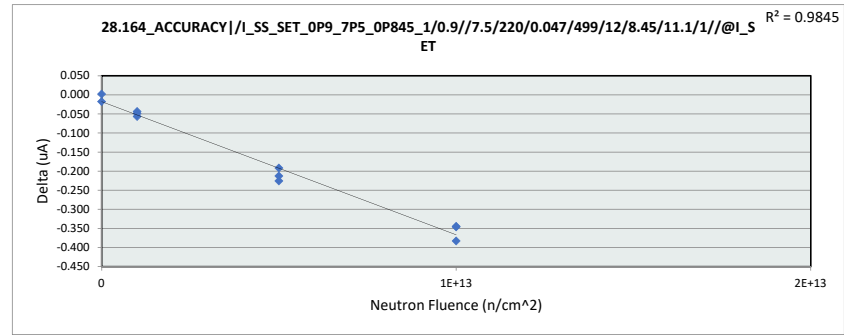
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.742	99.793	99.661	99.473
Average	99.815	99.877	99.768	99.635
Max	99.887	99.933	99.873	99.780
UL	100.900	100.900	100.900	100.900



NDD Report TPS7H1111-SP

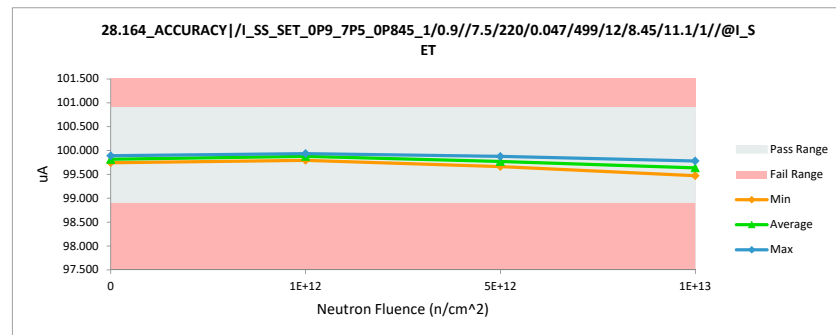
28.164_ACCURACY/I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.887	99.889	0.002
0	287	99.761	99.743	-0.018
1E+12	169	99.852	99.795	-0.057
1E+12	170	99.955	99.906	-0.049
1E+12	171	99.978	99.934	-0.044
5E+12	172	99.985	99.772	-0.213
5E+12	173	99.854	99.662	-0.192
5E+12	174	100.101	99.875	-0.226
1E+13	175	100.127	99.781	-0.346
1E+13	176	99.999	99.654	-0.345
1E+13	177	99.857	99.474	-0.383
Max	100.127	99.934	0.002	
Average	99.941	99.771	-0.170	
Min	99.761	99.474	-0.383	
Std Dev	0.112	0.136	0.144	



28.164_ACCURACY/I_SS_SET	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	100.9 uA
Min Limit	98.9 uA

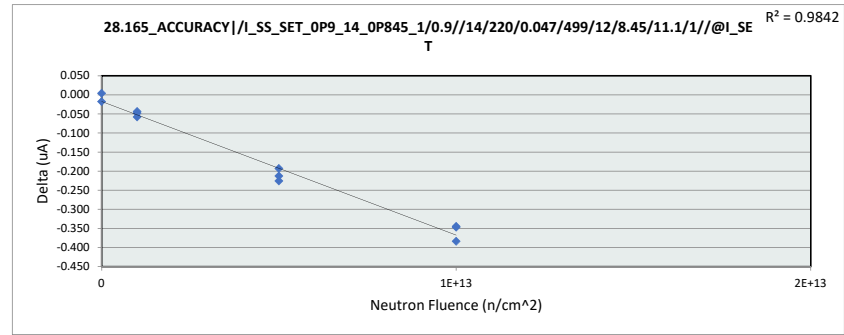
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.743	99.795	99.662	99.474
Average	99.816	99.878	99.770	99.636
Max	99.889	99.934	99.875	99.781
UL	100.900	100.900	100.900	100.900



NDD Report TPS7H1111-SP

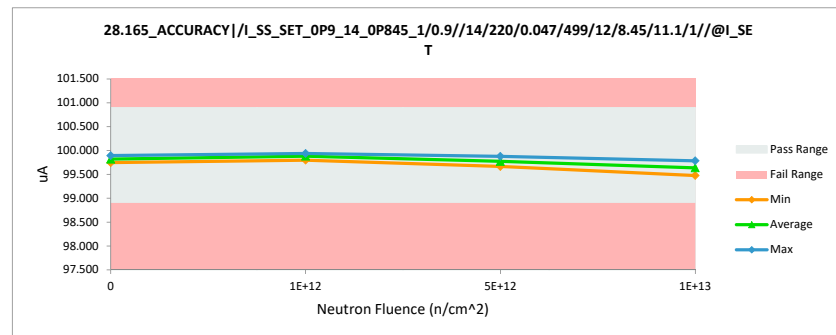
28.165_ACCURACY/I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.888	99.892	0.004
0	287	99.763	99.745	-0.018
1E+12	169	99.855	99.797	-0.058
1E+12	170	99.957	99.909	-0.048
1E+12	171	99.981	99.937	-0.044
5E+12	172	99.988	99.775	-0.213
5E+12	173	99.857	99.664	-0.193
5E+12	174	100.103	99.877	-0.226
1E+13	175	100.130	99.783	-0.347
1E+13	176	100.001	99.656	-0.345
1E+13	177	99.859	99.475	-0.384
	Max	100.130	99.937	0.004
	Average	99.944	99.774	-0.170
	Min	99.763	99.475	-0.384
	Std Dev	0.112	0.136	0.145



28.165_ACCURACY/I_SS_SET	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	100.9 uA
Min Limit	98.9 uA

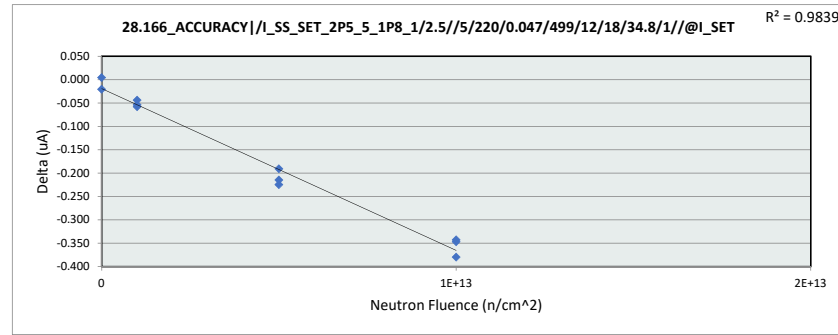
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.745	99.797	99.664	99.475
Average	99.819	99.881	99.772	99.638
Max	99.892	99.937	99.877	99.783
UL	100.900	100.900	100.900	100.900



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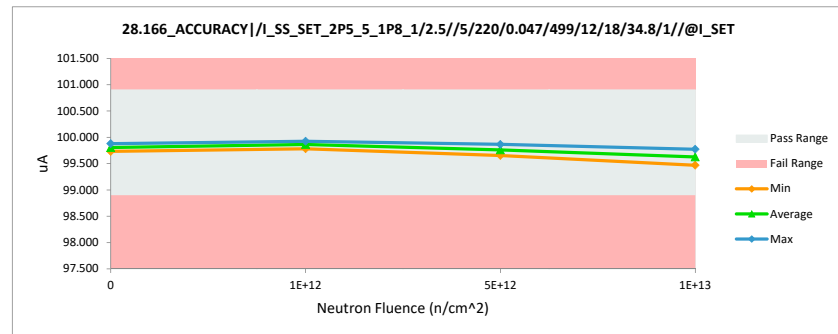
28.166_ACCURACY/I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.874	99.878	0.004
0	287	99.752	99.731	-0.021
1E+12	169	99.841	99.783	-0.058
1E+12	170	99.944	99.890	-0.054
1E+12	171	99.968	99.924	-0.044
5E+12	172	99.975	99.760	-0.215
5E+12	173	99.845	99.654	-0.191
5E+12	174	100.090	99.865	-0.225
1E+13	175	100.116	99.773	-0.343
1E+13	176	99.991	99.644	-0.347
1E+13	177	99.848	99.468	-0.380
	Max	100.116	99.924	0.004
	Average	99.931	99.761	-0.170
	Min	99.752	99.468	-0.380
	Std Dev	0.111	0.134	0.143



28.166_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.9	uA
Min Limit	98.9	uA

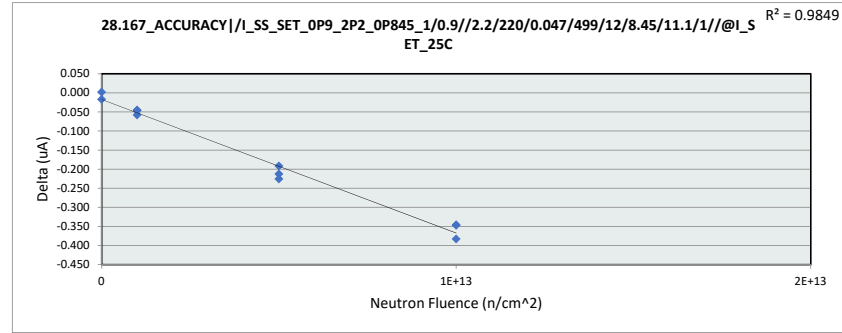
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.731	99.783	99.654	99.468
Average	99.805	99.866	99.760	99.628
Max	99.878	99.924	99.865	99.773
UL	100.900	100.900	100.900	100.900



NDD Report TPS7H1111-SP

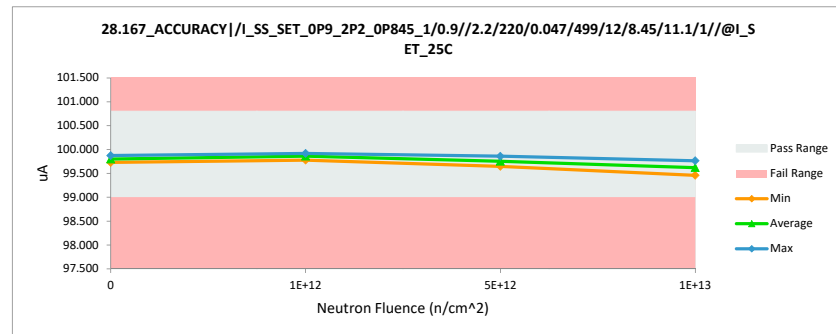
28.167_ACCURACY I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.870	99.872	0.002
0	287	99.745	99.728	-0.017
1E+12	169	99.835	99.777	-0.058
1E+12	170	99.937	99.890	-0.047
1E+12	171	99.962	99.917	-0.045
5E+12	172	99.966	99.753	-0.213
5E+12	173	99.838	99.646	-0.192
5E+12	174	100.085	99.859	-0.226
1E+13	175	100.111	99.764	-0.347
1E+13	176	99.984	99.638	-0.346
1E+13	177	99.843	99.460	-0.383
Max		100.111	99.917	0.002
Average		99.925	99.755	-0.170
Min		99.745	99.460	-0.383
Std Dev		0.112	0.135	0.145



28.167_ACCURACY I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

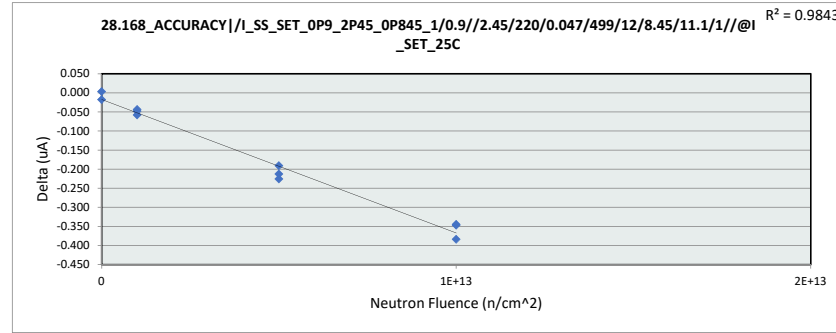
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.728	99.777	99.646	99.460
Average	99.800	99.861	99.753	99.621
Max	99.872	99.917	99.859	99.764
UL	100.800	100.800	100.800	100.800



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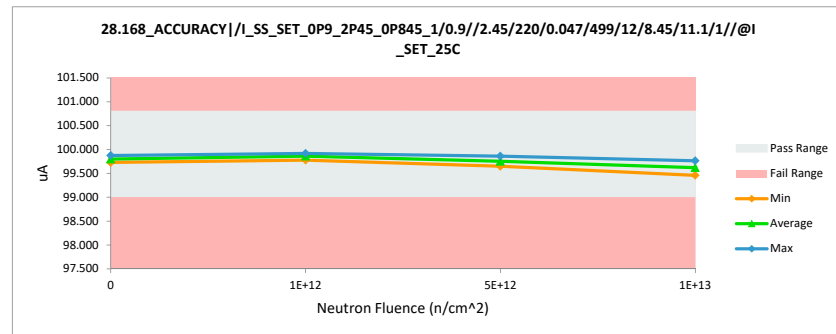
28.168_ACCURACY /I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.871	99.874	0.003
0	287	99.746	99.728	-0.018
1E+12	169	99.836	99.778	-0.058
1E+12	170	99.938	99.890	-0.048
1E+12	171	99.962	99.918	-0.044
5E+12	172	99.967	99.754	-0.213
5E+12	173	99.839	99.648	-0.191
5E+12	174	100.086	99.860	-0.226
1E+13	175	100.112	99.765	-0.347
1E+13	176	99.984	99.639	-0.345
1E+13	177	99.844	99.460	-0.384
Max		100.112	99.918	0.003
Average		99.926	99.756	-0.170
Min		99.746	99.460	-0.384
Std Dev		0.112	0.135	0.145



28.168_ACCURACY /I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

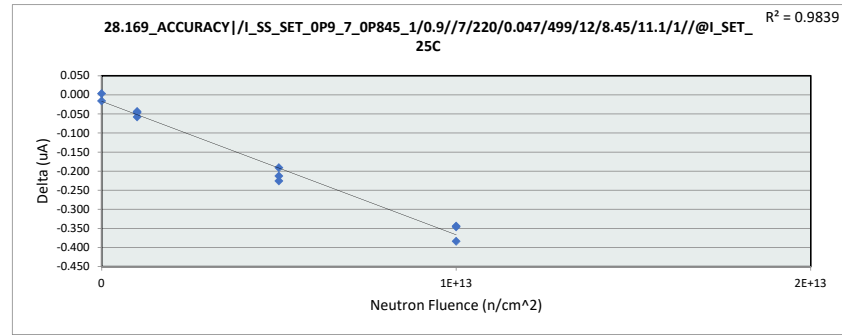
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.728	99.778	99.648	99.460
Average	99.801	99.862	99.754	99.621
Max	99.874	99.918	99.860	99.765
UL	100.800	100.800	100.800	100.800



NDD Report TPS7H1111-SP

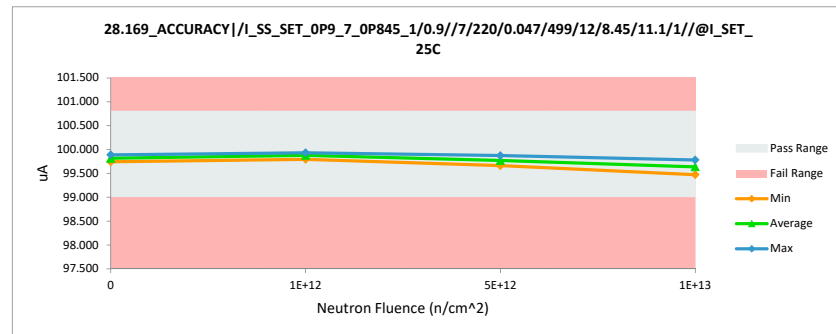
28.169_ACCURACY I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.884	99.887	0.003
0	287	99.758	99.742	-0.016
1E+12	169	99.851	99.793	-0.058
1E+12	170	99.952	99.905	-0.047
1E+12	171	99.977	99.933	-0.044
5E+12	172	99.983	99.770	-0.213
5E+12	173	99.852	99.661	-0.191
5E+12	174	100.099	99.873	-0.226
1E+13	175	100.126	99.780	-0.346
1E+13	176	99.997	99.653	-0.344
1E+13	177	99.857	99.473	-0.384
Max	100.126	99.933	0.003	
Average	99.940	99.770	-0.170	
Min	99.758	99.473	-0.384	
Std Dev	0.112	0.136	0.145	



28.169_ACCURACY I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

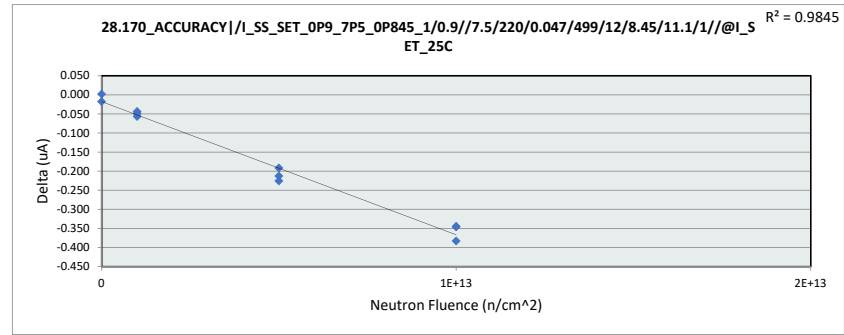
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.742	99.793	99.661	99.473
Average	99.815	99.877	99.768	99.635
Max	99.887	99.933	99.873	99.780
UL	100.800	100.800	100.800	100.800



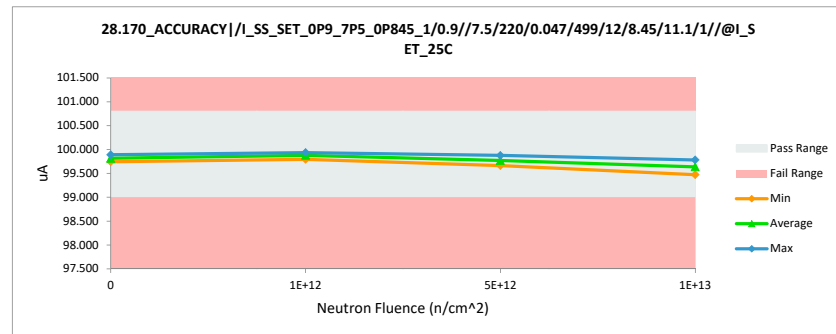
NDD Report TPS7H1111-SP

28.170_ACCURACY I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.887	99.889	0.002
0	287	99.761	99.743	-0.018
1E+12	169	99.852	99.795	-0.057
1E+12	170	99.955	99.906	-0.049
1E+12	171	99.978	99.934	-0.044
5E+12	172	99.985	99.772	-0.213
5E+12	173	99.854	99.662	-0.192
5E+12	174	100.101	99.875	-0.226
1E+13	175	100.127	99.781	-0.346
1E+13	176	99.999	99.654	-0.345
1E+13	177	99.857	99.474	-0.383
Max	100.127	99.934	0.002	
Average	99.941	99.771	-0.170	
Min	99.761	99.474	-0.383	
Std Dev	0.112	0.136	0.144	



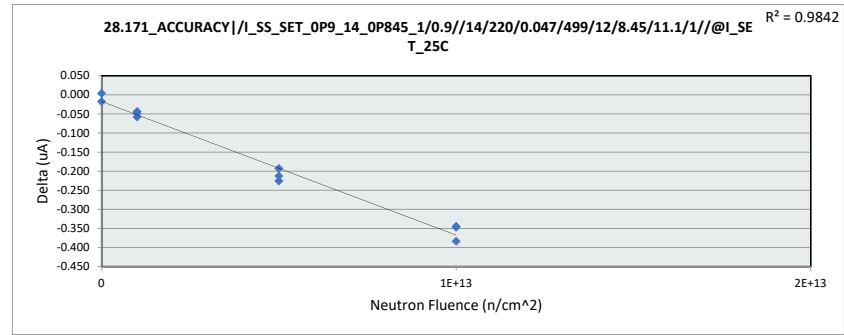
28.170_ACCURACY I_SS_SET				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	100.8	uA		
Min Limit	99	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.743	99.795	99.662	99.474
Average	99.816	99.878	99.770	99.636
Max	99.889	99.934	99.875	99.781
UL	100.800	100.800	100.800	100.800



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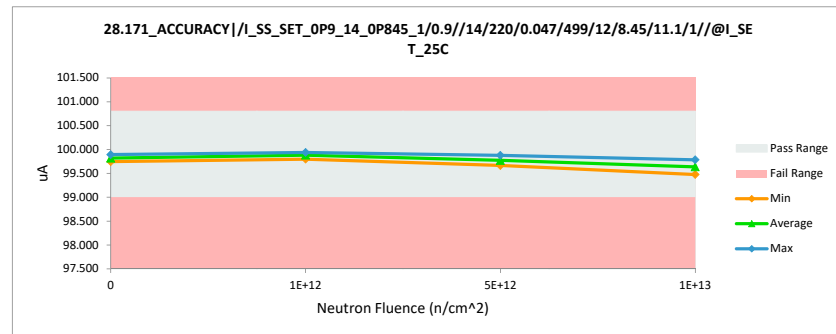
28.171_ACCURACY/I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.888	99.892	0.004
0	287	99.763	99.745	-0.018
1E+12	169	99.855	99.797	-0.058
1E+12	170	99.957	99.909	-0.048
1E+12	171	99.981	99.937	-0.044
5E+12	172	99.988	99.775	-0.213
5E+12	173	99.857	99.664	-0.193
5E+12	174	100.103	99.877	-0.226
1E+13	175	100.130	99.783	-0.347
1E+13	176	100.001	99.656	-0.345
1E+13	177	99.859	99.475	-0.384
	Max	100.130	99.937	0.004
	Average	99.944	99.774	-0.170
	Min	99.763	99.475	-0.384
	Std Dev	0.112	0.136	0.145



28.171_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

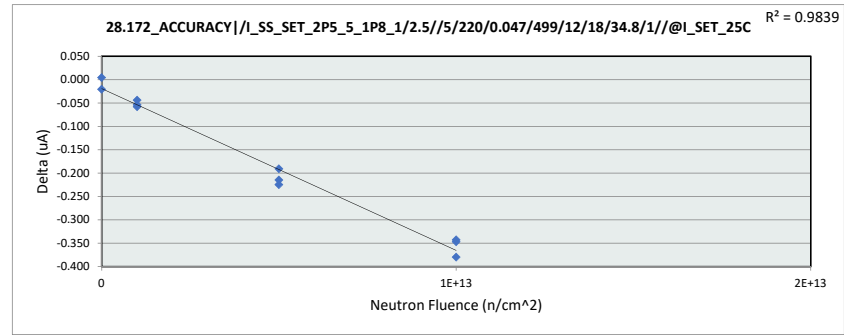
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.745	99.797	99.664	99.475
Average	99.819	99.881	99.772	99.638
Max	99.892	99.937	99.877	99.783
UL	100.800	100.800	100.800	100.800



NDD Report TPS7H1111-SP

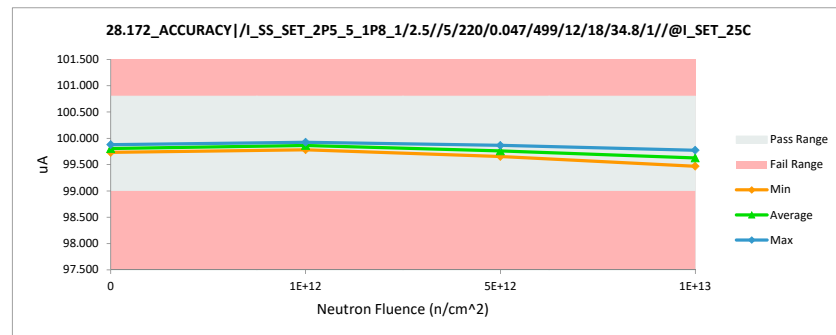
28.172_ACCURACY I_SS_SET_2		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.874	99.878	0.004
0	287	99.752	99.731	-0.021
1E+12	169	99.841	99.783	-0.058
1E+12	170	99.944	99.890	-0.054
1E+12	171	99.968	99.924	-0.044
5E+12	172	99.975	99.760	-0.215
5E+12	173	99.845	99.654	-0.191
5E+12	174	100.090	99.865	-0.225
1E+13	175	100.116	99.773	-0.343
1E+13	176	99.991	99.644	-0.347
1E+13	177	99.848	99.468	-0.380
Max	100.116	99.924	0.004	
Average	99.931	99.761	-0.170	
Min	99.752	99.468	-0.380	
Std Dev	0.111	0.134	0.143	



28.172_ACCURACY I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

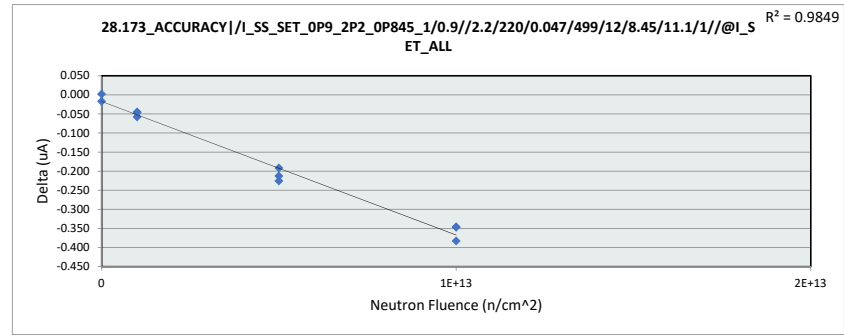
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.731	99.783	99.654	99.468
Average	99.805	99.866	99.760	99.628
Max	99.878	99.924	99.865	99.773
UL	100.800	100.800	100.800	100.800



NDD Report TPS7H1111-SP

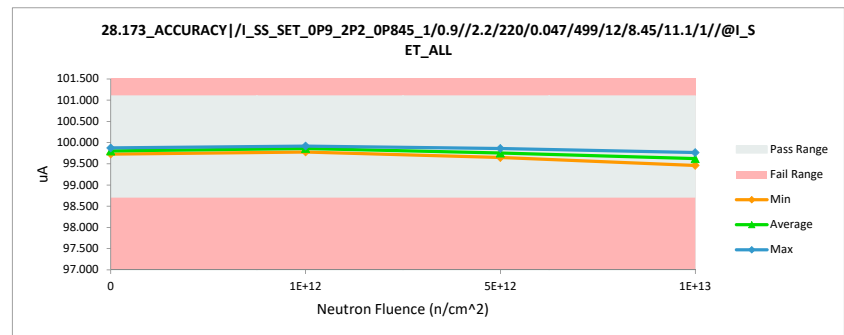
28.173_ACCURACY/I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.870	99.872	0.002
0	287	99.745	99.728	-0.017
1E+12	169	99.835	99.777	-0.058
1E+12	170	99.937	99.890	-0.047
1E+12	171	99.962	99.917	-0.045
5E+12	172	99.966	99.753	-0.213
5E+12	173	99.838	99.646	-0.192
5E+12	174	100.085	99.859	-0.226
1E+13	175	100.111	99.764	-0.347
1E+13	176	99.984	99.638	-0.346
1E+13	177	99.843	99.460	-0.383
Max	100.111	99.917	0.002	
Average	99.925	99.755	-0.170	
Min	99.745	99.460	-0.383	
Std Dev	0.112	0.135	0.145	



28.173_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

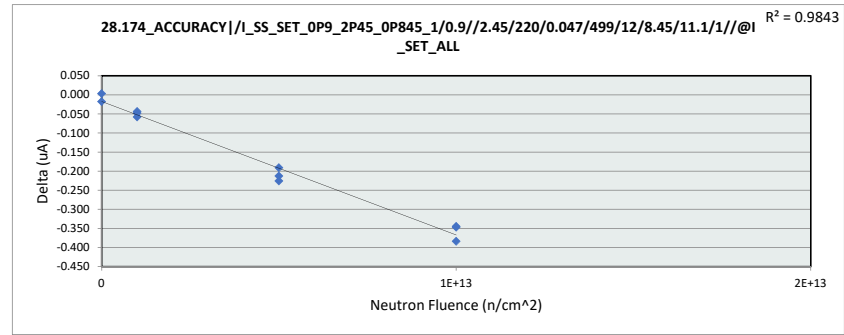
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.728	99.777	99.646	99.460
Average	99.800	99.861	99.753	99.621
Max	99.872	99.917	99.859	99.764
UL	101.100	101.100	101.100	101.100



NDD Report TPS7H1111-SP

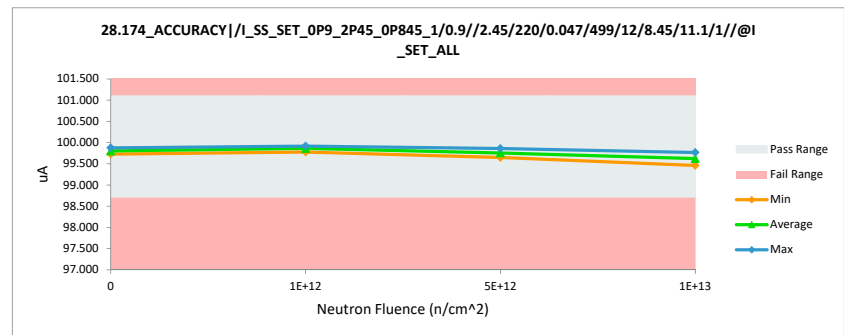
28.174_ACCURACY/I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.871	99.874	0.003
0	287	99.746	99.728	-0.018
1E+12	169	99.836	99.778	-0.058
1E+12	170	99.938	99.890	-0.048
1E+12	171	99.962	99.918	-0.044
5E+12	172	99.967	99.754	-0.213
5E+12	173	99.839	99.648	-0.191
5E+12	174	100.086	99.860	-0.226
1E+13	175	100.112	99.765	-0.347
1E+13	176	99.984	99.639	-0.345
1E+13	177	99.844	99.460	-0.384
Max	100.112	99.918	0.003	
Average	99.926	99.756	-0.170	
Min	99.746	99.460	-0.384	
Std Dev	0.112	0.135	0.145	



28.174_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

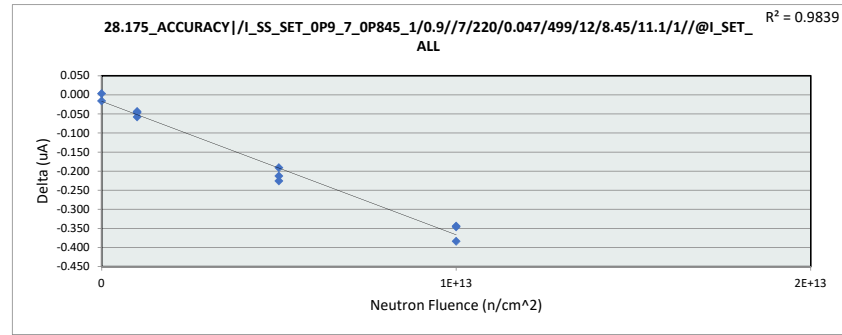
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.728	99.778	99.648	99.460
Average	99.801	99.862	99.754	99.621
Max	99.874	99.918	99.860	99.765
UL	101.100	101.100	101.100	101.100



NDD Report TPS7H1111-SP

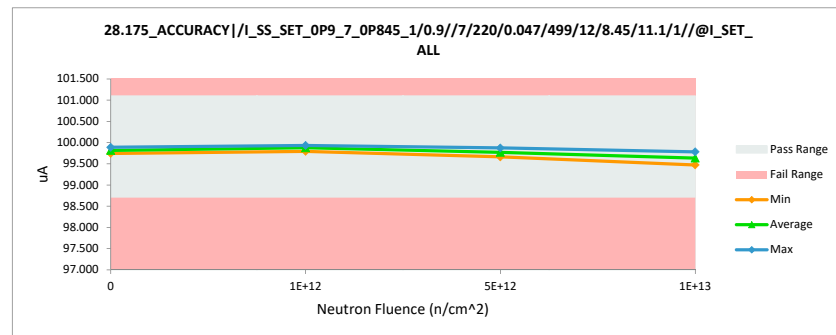
28.175_ACCURACY /I_SS_SET_0		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.884	99.887	0.003
0	287	99.758	99.742	-0.016
1E+12	169	99.851	99.793	-0.058
1E+12	170	99.952	99.905	-0.047
1E+12	171	99.977	99.933	-0.044
5E+12	172	99.983	99.770	-0.213
5E+12	173	99.852	99.661	-0.191
5E+12	174	100.099	99.873	-0.226
1E+13	175	100.126	99.780	-0.346
1E+13	176	99.997	99.653	-0.344
1E+13	177	99.857	99.473	-0.384
Max		100.126	99.933	0.003
Average		99.940	99.770	-0.170
Min		99.758	99.473	-0.384
Std Dev		0.112	0.136	0.145



28.175_ACCURACY /I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

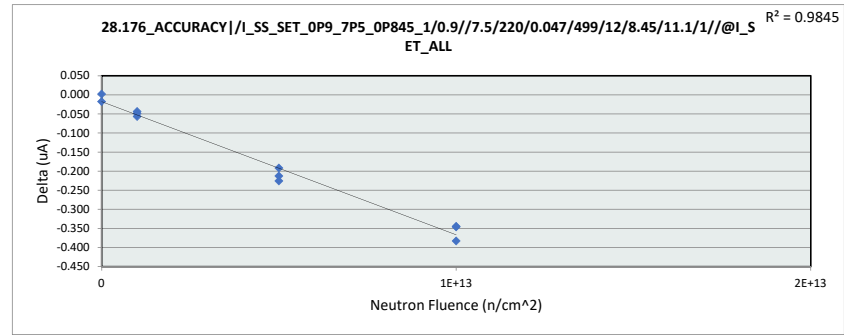
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.742	99.793	99.661	99.473
Average	99.815	99.877	99.768	99.635
Max	99.887	99.933	99.873	99.780
UL	101.100	101.100	101.100	101.100



NDD Report TPS7H1111-SP

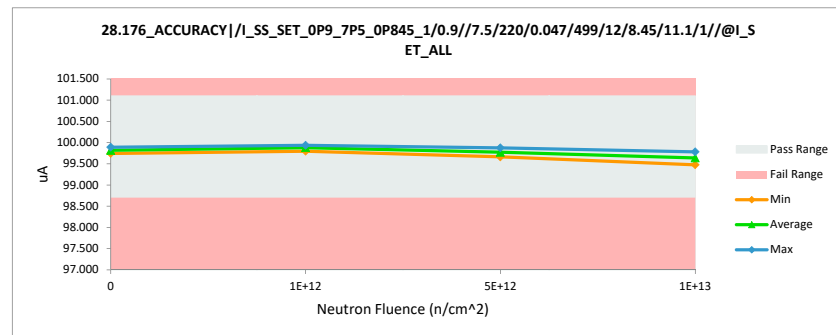
28.176_ACCURACY/I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.887	99.889	0.002
0	287	99.761	99.743	-0.018
1E+12	169	99.852	99.795	-0.057
1E+12	170	99.955	99.906	-0.049
1E+12	171	99.978	99.934	-0.044
5E+12	172	99.985	99.772	-0.213
5E+12	173	99.854	99.662	-0.192
5E+12	174	100.101	99.875	-0.226
1E+13	175	100.127	99.781	-0.346
1E+13	176	99.999	99.654	-0.345
1E+13	177	99.857	99.474	-0.383
	Max	100.127	99.934	0.002
	Average	99.941	99.771	-0.170
	Min	99.761	99.474	-0.383
	Std Dev	0.112	0.136	0.144



28.176_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

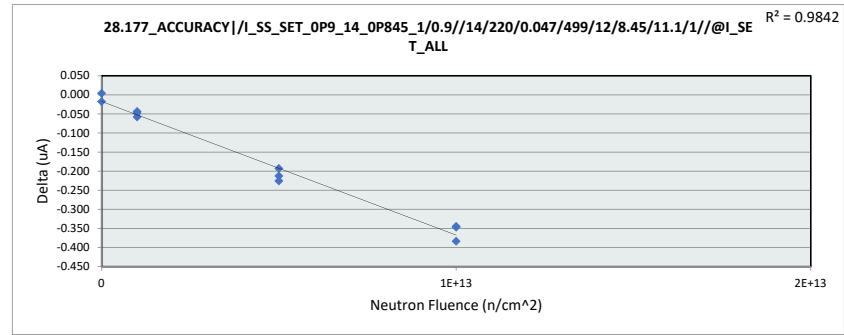
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.743	99.795	99.662	99.474
Average	99.816	99.878	99.770	99.636
Max	99.889	99.934	99.875	99.781
UL	101.100	101.100	101.100	101.100



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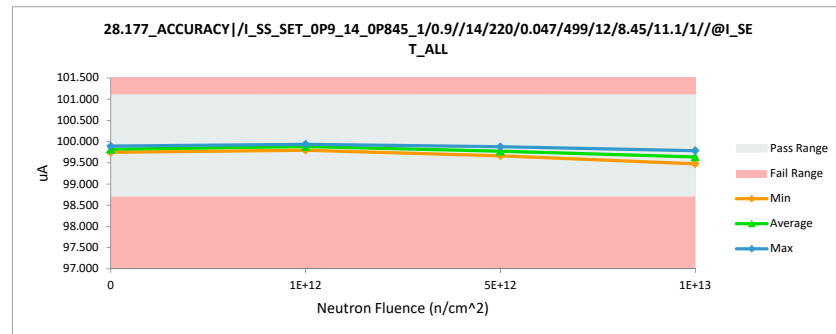
28.177_ACCURACY/I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.888	99.892	0.004
0	287	99.763	99.745	-0.018
1E+12	169	99.855	99.797	-0.058
1E+12	170	99.957	99.909	-0.048
1E+12	171	99.981	99.937	-0.044
5E+12	172	99.988	99.775	-0.213
5E+12	173	99.857	99.664	-0.193
5E+12	174	100.103	99.877	-0.226
1E+13	175	100.130	99.783	-0.347
1E+13	176	100.001	99.656	-0.345
1E+13	177	99.859	99.475	-0.384
Max		100.130	99.937	0.004
Average		99.944	99.774	-0.170
Min		99.763	99.475	-0.384
Std Dev		0.112	0.136	0.145



28.177_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

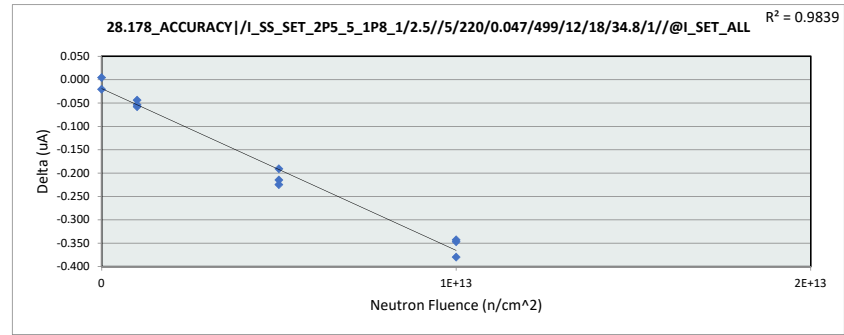
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.745	99.797	99.664	99.475
Average	99.819	99.881	99.772	99.638
Max	99.892	99.937	99.877	99.783
UL	101.100	101.100	101.100	101.100



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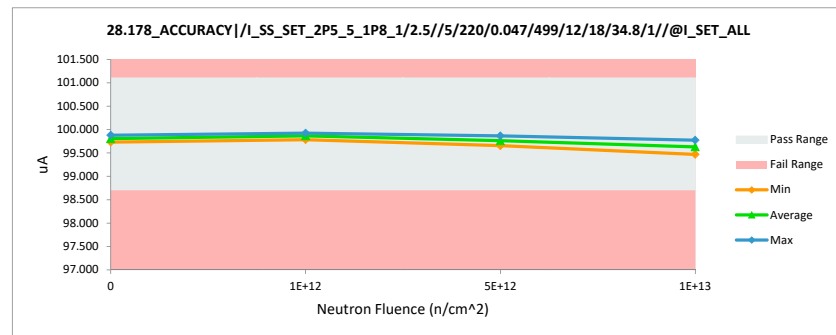
28.178_ACCURACY/I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.874	99.878	0.004
0	287	99.752	99.731	-0.021
1E+12	169	99.841	99.783	-0.058
1E+12	170	99.944	99.890	-0.054
1E+12	171	99.968	99.924	-0.044
5E+12	172	99.975	99.760	-0.215
5E+12	173	99.845	99.654	-0.191
5E+12	174	100.090	99.865	-0.225
1E+13	175	100.116	99.773	-0.343
1E+13	176	99.991	99.644	-0.347
1E+13	177	99.848	99.468	-0.380
Max	100.116	99.924	0.004	
Average	99.931	99.761	-0.170	
Min	99.752	99.468	-0.380	
Std Dev	0.111	0.134	0.143	



28.178_ACCURACY/I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

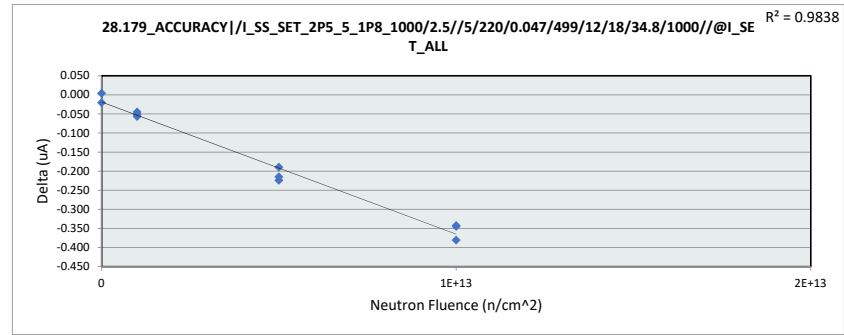
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.731	99.783	99.654	99.468
Average	99.805	99.866	99.760	99.628
Max	99.878	99.924	99.865	99.773
UL	101.100	101.100	101.100	101.100



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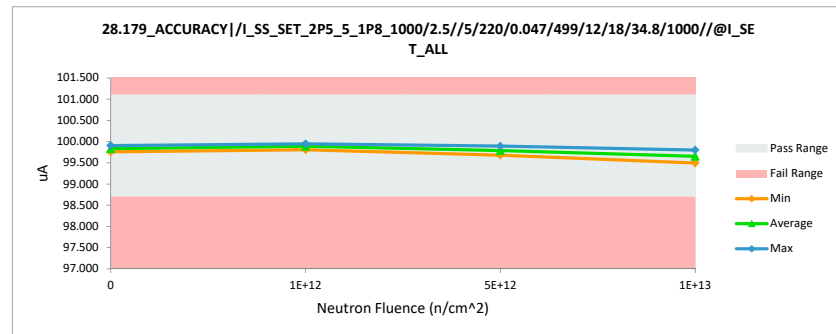
28.179_ACCURACY I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.900	99.904	0.004
0	287	99.778	99.757	-0.021
1E+12	169	99.866	99.809	-0.057
1E+12	170	99.968	99.916	-0.052
1E+12	171	99.993	99.948	-0.045
5E+12	172	100.000	99.785	-0.215
5E+12	173	99.869	99.679	-0.190
5E+12	174	100.115	99.891	-0.224
1E+13	175	100.142	99.799	-0.343
1E+13	176	100.015	99.670	-0.345
1E+13	177	99.874	99.493	-0.381
Max		100.142	99.948	0.004
Average		99.956	99.786	-0.170
Min		99.778	99.493	-0.381
Std Dev		0.111	0.134	0.143



28.179_ACCURACY I_SS_SET	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	101.1 uA
Min Limit	98.7 uA

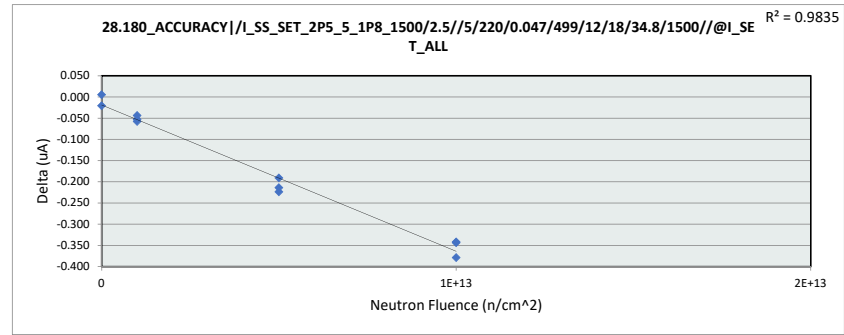
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.757	99.809	99.679	99.493
Average	99.831	99.891	99.785	99.654
Max	99.904	99.948	99.891	99.799
UL	101.100	101.100	101.100	101.100



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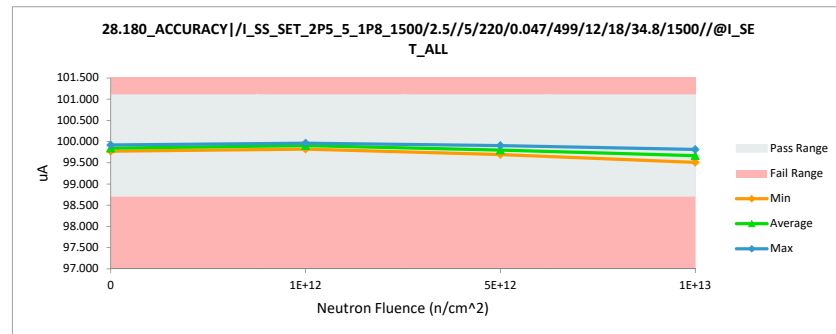
28.180_ACCURACY I_SS_SET		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.912	99.917	0.005
0	287	99.791	99.770	-0.021
1E+12	169	99.880	99.822	-0.058
1E+12	170	99.983	99.930	-0.053
1E+12	171	100.006	99.962	-0.044
5E+12	172	100.014	99.800	-0.214
5E+12	173	99.884	99.693	-0.191
5E+12	174	100.129	99.905	-0.224
1E+13	175	100.155	99.813	-0.342
1E+13	176	100.029	99.685	-0.344
1E+13	177	99.888	99.509	-0.379
	Max	100.155	99.962	0.005
	Average	99.970	99.801	-0.170
	Min	99.791	99.509	-0.379
	Std Dev	0.111	0.134	0.143



28.180_ACCURACY I_SS_SET		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

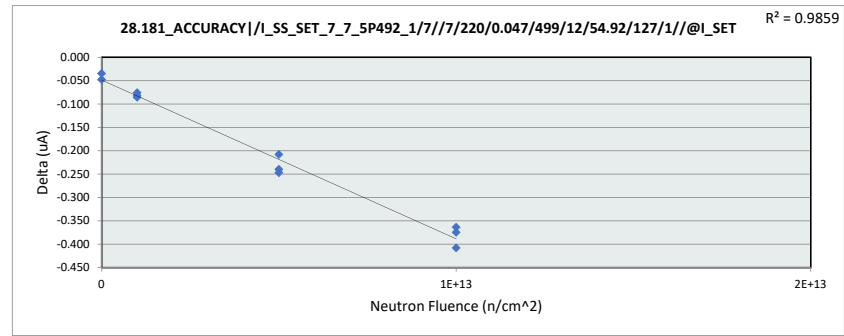
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.770	99.822	99.693	99.509
Average	99.844	99.905	99.799	99.669
Max	99.917	99.962	99.905	99.813
UL	101.100	101.100	101.100	101.100



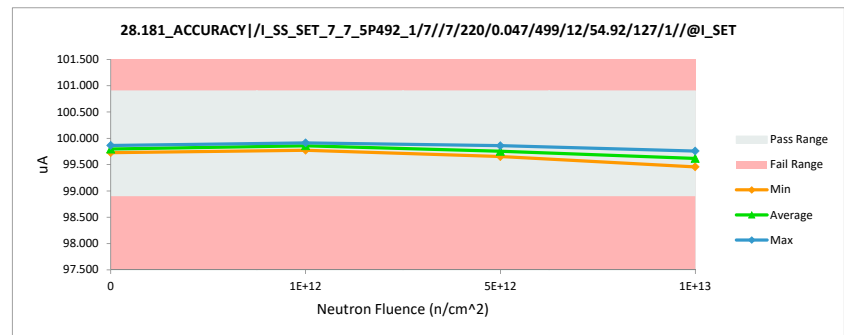
NDD Report TPS7H1111-SP

28.181_ACCURACY/I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.898	99.863	-0.035
0	287	99.774	99.726	-0.048
1E+12	169	99.860	99.774	-0.086
1E+12	170	99.970	99.888	-0.082
1E+12	171	99.989	99.913	-0.076
5E+12	172	99.993	99.746	-0.247
5E+12	173	99.860	99.652	-0.208
5E+12	174	100.099	99.859	-0.240
1E+13	175	100.134	99.759	-0.375
1E+13	176	100.004	99.640	-0.364
1E+13	177	99.865	99.457	-0.408
Max	100.134	99.913	-0.035	
Average	99.950	99.752	-0.197	
Min	99.774	99.457	-0.408	
Std Dev	0.109	0.134	0.140	



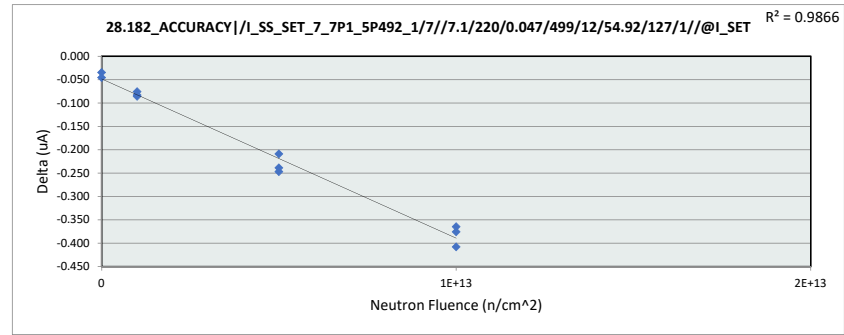
28.181_ACCURACY/I_SS_SET_7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	100.9 uA			
Min Limit	98.9 uA			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.726	99.774	99.652	99.457
Average	99.795	99.858	99.752	99.619
Max	99.863	99.913	99.859	99.759
UL	100.900	100.900	100.900	100.900



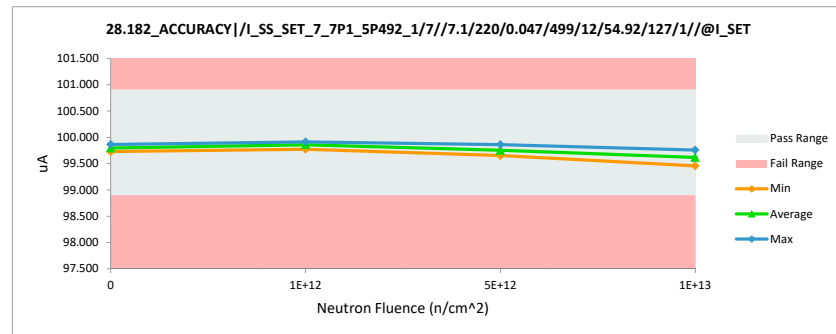
NDD Report TPS7H1111-SP

28.182_ACCURACY /I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.899	99.864	-0.035
0	287	99.774	99.728	-0.046
1E+12	169	99.860	99.774	-0.086
1E+12	170	99.971	99.888	-0.083
1E+12	171	99.989	99.913	-0.076
5E+12	172	99.994	99.747	-0.247
5E+12	173	99.861	99.652	-0.209
5E+12	174	100.099	99.860	-0.239
1E+13	175	100.135	99.759	-0.376
1E+13	176	100.005	99.640	-0.365
1E+13	177	99.866	99.458	-0.408
Max		100.135	99.913	-0.035
Average		99.950	99.753	-0.197
Min		99.774	99.458	-0.408
Std Dev		0.110	0.134	0.141



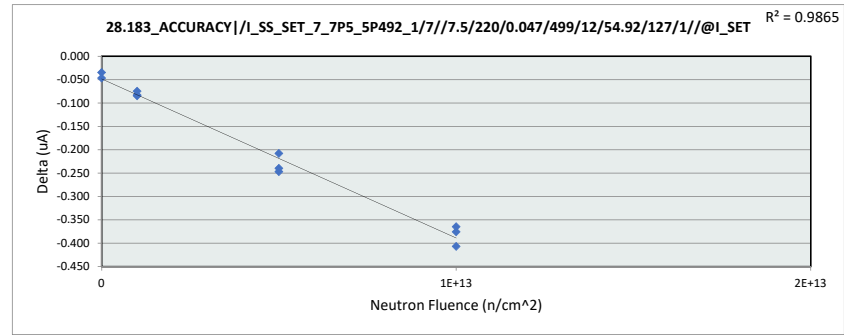
28.182_ACCURACY /I_SS_SET_7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	100.9	uA		
Min Limit	98.9	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.728	99.774	99.652	99.458
Average	99.796	99.858	99.753	99.619
Max	99.864	99.913	99.860	99.759
UL	100.900	100.900	100.900	100.900



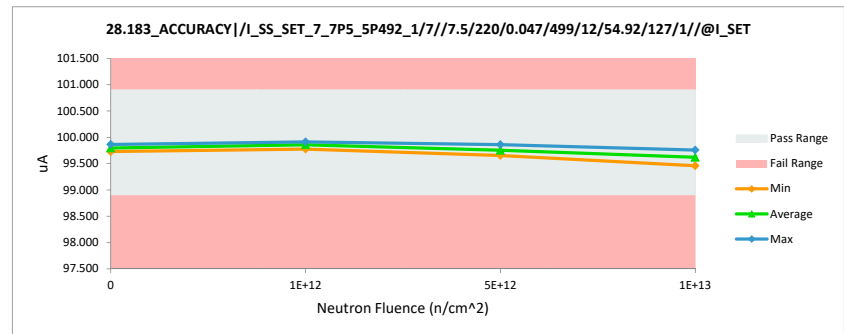
NDD Report TPS7H1111-SP

28.183_ACCURACY/I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.899	99.864	-0.035
0	287	99.775	99.728	-0.047
1E+12	169	99.860	99.775	-0.085
1E+12	170	99.971	99.888	-0.083
1E+12	171	99.989	99.914	-0.075
5E+12	172	99.994	99.747	-0.247
5E+12	173	99.861	99.653	-0.208
5E+12	174	100.100	99.860	-0.240
1E+13	175	100.135	99.759	-0.376
1E+13	176	100.006	99.641	-0.365
1E+13	177	99.866	99.459	-0.407
Max		100.135	99.914	-0.035
Average		99.951	99.753	-0.197
Min		99.775	99.459	-0.407
Std Dev		0.110	0.133	0.141



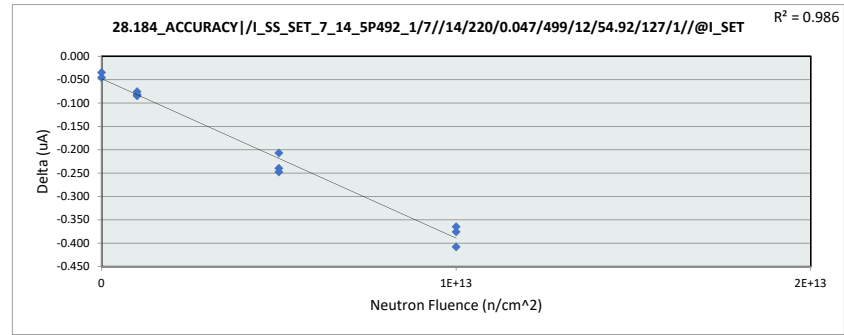
28.183_ACCURACY/I_SS_SET_7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	100.9 uA			
Min Limit	98.9 uA			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.728	99.775	99.653	99.459
Average	99.796	99.859	99.753	99.620
Max	99.864	99.914	99.860	99.759
UL	100.900	100.900	100.900	100.900



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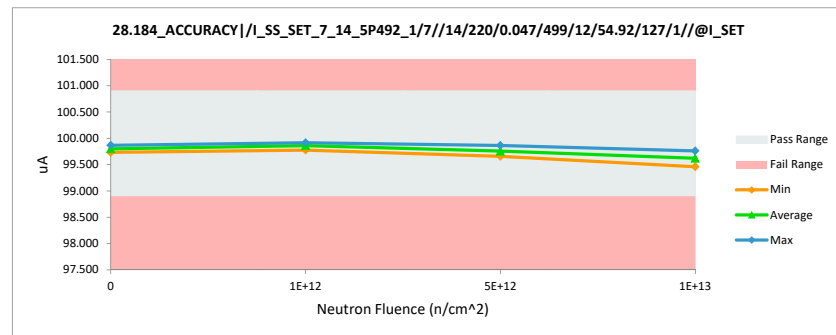
28.184_ACCURACY/I_SS_SET 7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.9	100.9
Min Limit	98.9	98.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.902	99.867	-0.035
0	287	99.777	99.731	-0.046
1E+12	169	99.862	99.777	-0.085
1E+12	170	99.973	99.891	-0.082
1E+12	171	99.992	99.916	-0.076
5E+12	172	99.997	99.749	-0.248
5E+12	173	99.863	99.656	-0.207
5E+12	174	100.103	99.863	-0.240
1E+13	175	100.138	99.762	-0.376
1E+13	176	100.009	99.644	-0.365
1E+13	177	99.869	99.461	-0.408
Max	100.138	99.916	-0.035	
Average	99.953	99.756	-0.197	
Min	99.777	99.461	-0.408	
Std Dev	0.110	0.134	0.141	



28.184_ACCURACY/I_SS_SET 7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.9	uA
Min Limit	98.9	uA

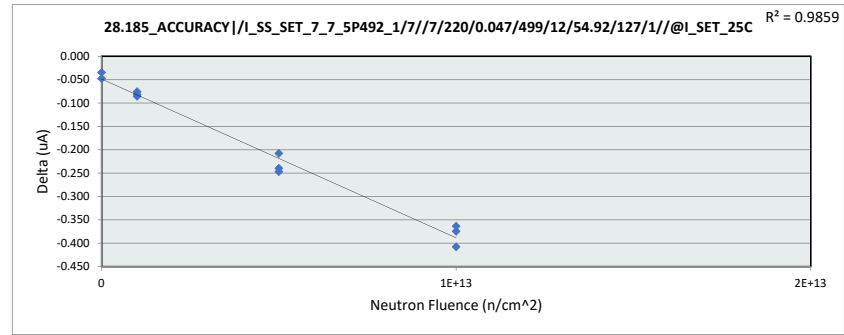
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.900	98.900	98.900	98.900
Min	99.731	99.777	99.656	99.461
Average	99.799	99.861	99.756	99.622
Max	99.867	99.916	99.863	99.762
UL	100.900	100.900	100.900	100.900



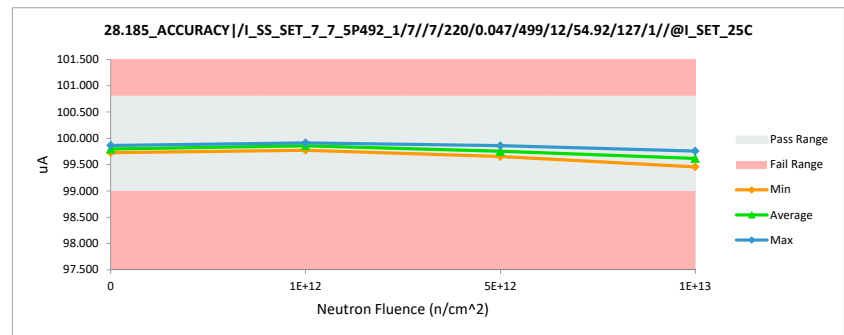
NDD Report TPS7H1111-SP

28.185_ACCURACY/I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.898	99.863	-0.035
0	287	99.774	99.726	-0.048
1E+12	169	99.860	99.774	-0.086
1E+12	170	99.970	99.888	-0.082
1E+12	171	99.989	99.913	-0.076
5E+12	172	99.993	99.746	-0.247
5E+12	173	99.860	99.652	-0.208
5E+12	174	100.099	99.859	-0.240
1E+13	175	100.134	99.759	-0.375
1E+13	176	100.004	99.640	-0.364
1E+13	177	99.865	99.457	-0.408
Max		100.134	99.913	-0.035
Average		99.950	99.752	-0.197
Min		99.774	99.457	-0.408
Std Dev		0.109	0.134	0.140



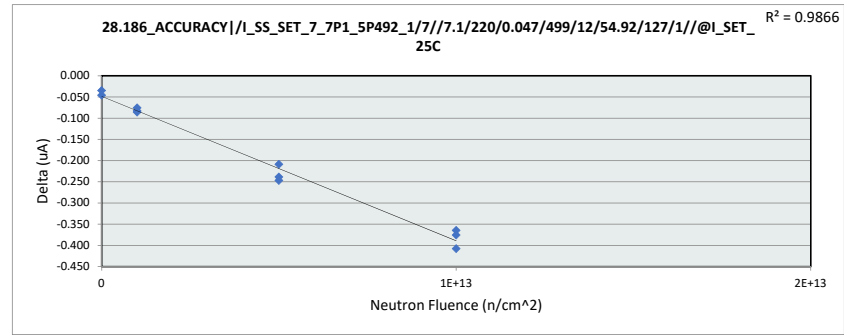
28.185_ACCURACY/I_SS_SET_7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	100.8	uA		
Min Limit	99	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.726	99.774	99.652	99.457
Average	99.795	99.858	99.752	99.619
Max	99.863	99.913	99.859	99.759
UL	100.800	100.800	100.800	100.800



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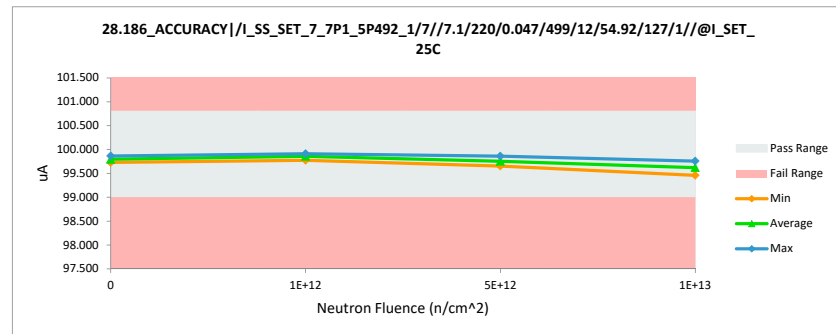
28.186_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.899	99.864	-0.035
0	287	99.774	99.728	-0.046
1E+12	169	99.860	99.774	-0.086
1E+12	170	99.971	99.888	-0.083
1E+12	171	99.989	99.913	-0.076
5E+12	172	99.994	99.747	-0.247
5E+12	173	99.861	99.652	-0.209
5E+12	174	100.099	99.860	-0.239
1E+13	175	100.135	99.759	-0.376
1E+13	176	100.005	99.640	-0.365
1E+13	177	99.866	99.458	-0.408
Max		100.135	99.913	-0.035
Average		99.950	99.753	-0.197
Min		99.774	99.458	-0.408
Std Dev		0.110	0.134	0.141



28.186_ACCURACY I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

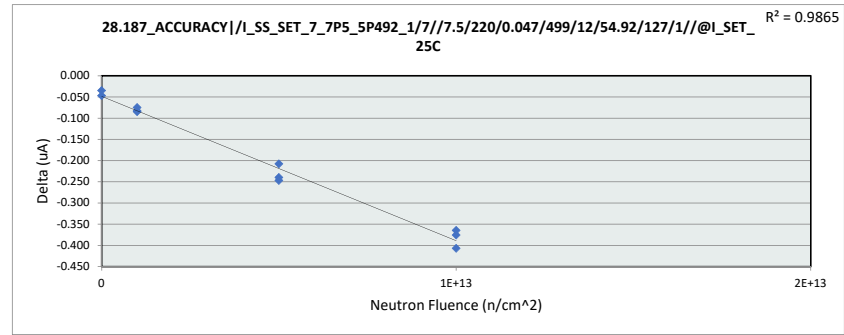
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.728	99.774	99.652	99.458
Average	99.796	99.858	99.753	99.619
Max	99.864	99.913	99.860	99.759
UL	100.800	100.800	100.800	100.800



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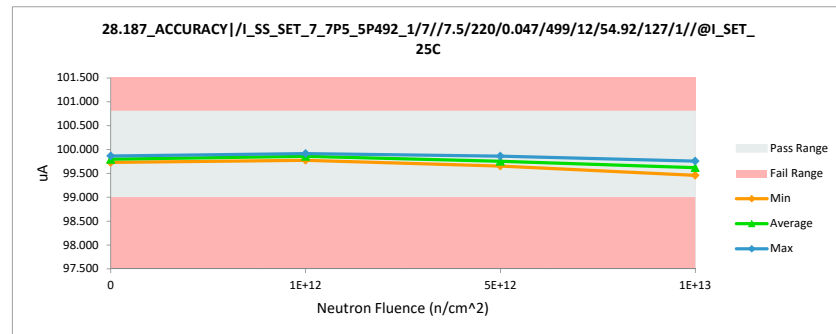
28.187_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.899	99.864	-0.035
0	287	99.775	99.728	-0.047
1E+12	169	99.860	99.775	-0.085
1E+12	170	99.971	99.888	-0.083
1E+12	171	99.989	99.914	-0.075
5E+12	172	99.994	99.747	-0.247
5E+12	173	99.861	99.653	-0.208
5E+12	174	100.100	99.860	-0.240
1E+13	175	100.135	99.759	-0.376
1E+13	176	100.006	99.641	-0.365
1E+13	177	99.866	99.459	-0.407
Max	100.135	99.914	-0.035	
Average	99.951	99.753	-0.197	
Min	99.775	99.459	-0.407	
Std Dev	0.110	0.133	0.141	



28.187_ACCURACY I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

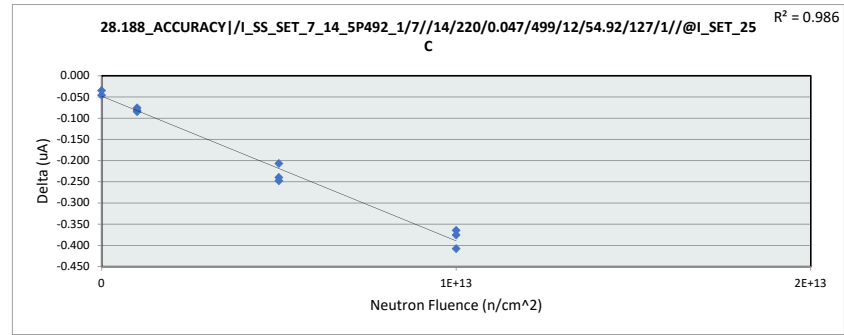
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.728	99.775	99.653	99.459
Average	99.796	99.859	99.753	99.620
Max	99.864	99.914	99.860	99.759
UL	100.800	100.800	100.800	100.800



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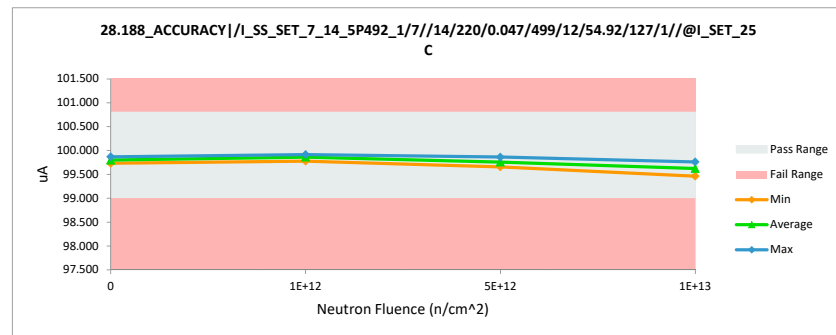
28.188_ACCURACY /I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	100.8	100.8
Min Limit	99	99

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.902	99.867	-0.035
0	287	99.777	99.731	-0.046
1E+12	169	99.862	99.777	-0.085
1E+12	170	99.973	99.891	-0.082
1E+12	171	99.992	99.916	-0.076
5E+12	172	99.997	99.749	-0.248
5E+12	173	99.863	99.656	-0.207
5E+12	174	100.103	99.863	-0.240
1E+13	175	100.138	99.762	-0.376
1E+13	176	100.009	99.644	-0.365
1E+13	177	99.869	99.461	-0.408
Max	100.138	99.916	-0.035	
Average	99.953	99.756	-0.197	
Min	99.777	99.461	-0.408	
Std Dev	0.110	0.134	0.141	



28.188_ACCURACY /I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	100.8	uA
Min Limit	99	uA

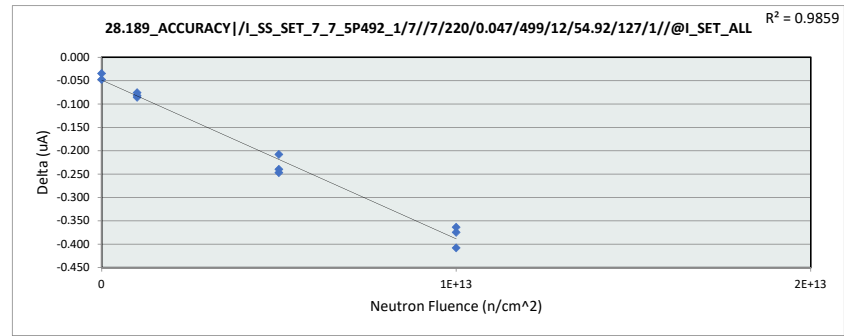
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	99.000	99.000	99.000	99.000
Min	99.731	99.777	99.656	99.461
Average	99.799	99.861	99.756	99.622
Max	99.867	99.916	99.863	99.762
UL	100.800	100.800	100.800	100.800



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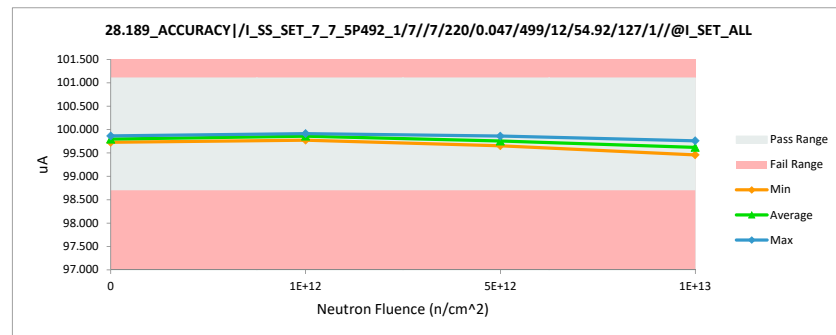
28.189_ACCURACY/I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.898	99.863	-0.035
0	287	99.774	99.726	-0.048
1E+12	169	99.860	99.774	-0.086
1E+12	170	99.970	99.888	-0.082
1E+12	171	99.989	99.913	-0.076
5E+12	172	99.993	99.746	-0.247
5E+12	173	99.860	99.652	-0.208
5E+12	174	100.099	99.859	-0.240
1E+13	175	100.134	99.759	-0.375
1E+13	176	100.004	99.640	-0.364
1E+13	177	99.865	99.457	-0.408
Max	100.134	99.913	-0.035	
Average	99.950	99.752	-0.197	
Min	99.774	99.457	-0.408	
Std Dev	0.109	0.134	0.140	



28.189_ACCURACY/I_SS_SET_7	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	101.1 uA
Min Limit	98.7 uA

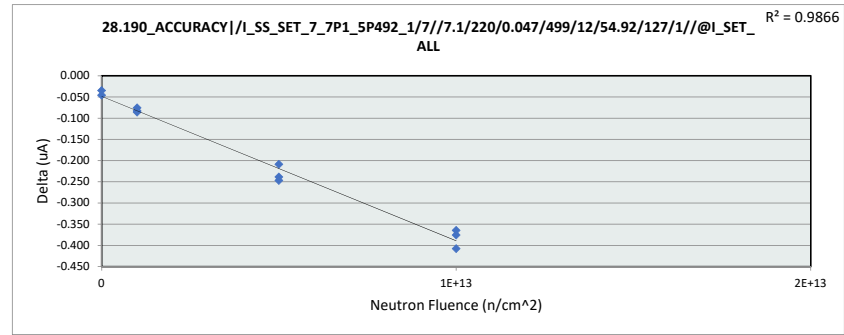
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.726	99.774	99.652	99.457
Average	99.795	99.858	99.752	99.619
Max	99.863	99.913	99.859	99.759
UL	101.100	101.100	101.100	101.100



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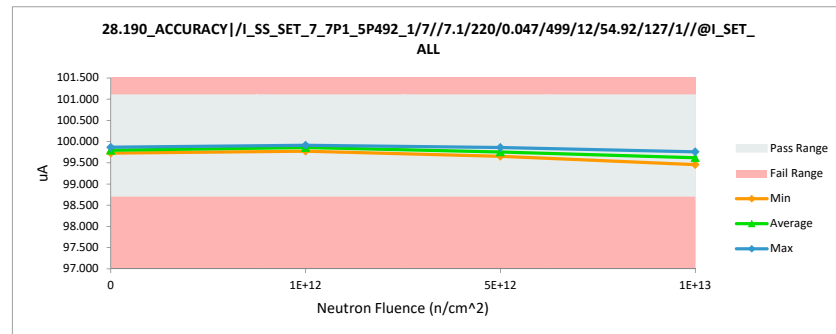
28.190_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.899	99.864	-0.035
0	287	99.774	99.728	-0.046
1E+12	169	99.860	99.774	-0.086
1E+12	170	99.971	99.888	-0.083
1E+12	171	99.989	99.913	-0.076
5E+12	172	99.994	99.747	-0.247
5E+12	173	99.861	99.652	-0.209
5E+12	174	100.099	99.860	-0.239
1E+13	175	100.135	99.759	-0.376
1E+13	176	100.005	99.640	-0.365
1E+13	177	99.866	99.458	-0.408
Max		100.135	99.913	-0.035
Average		99.950	99.753	-0.197
Min		99.774	99.458	-0.408
Std Dev		0.110	0.134	0.141



28.190_ACCURACY I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

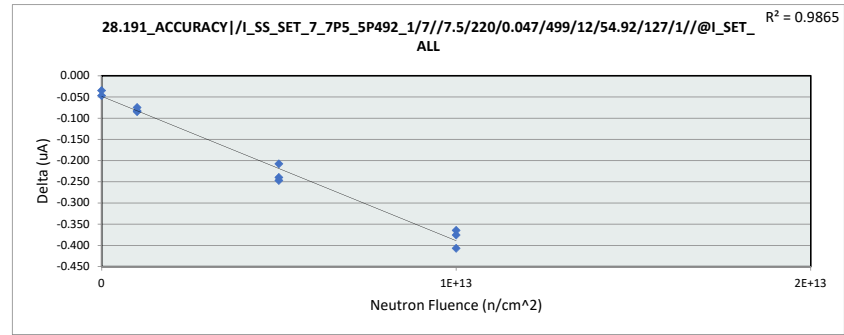
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.728	99.774	99.652	99.458
Average	99.796	99.858	99.753	99.619
Max	99.864	99.913	99.860	99.759
UL	101.100	101.100	101.100	101.100



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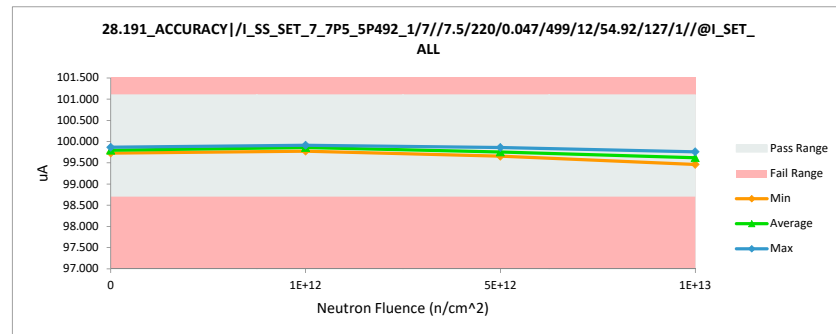
28.191_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.899	99.864	-0.035
0	287	99.775	99.728	-0.047
1E+12	169	99.860	99.775	-0.085
1E+12	170	99.971	99.888	-0.083
1E+12	171	99.989	99.914	-0.075
5E+12	172	99.994	99.747	-0.247
5E+12	173	99.861	99.653	-0.208
5E+12	174	100.100	99.860	-0.240
1E+13	175	100.135	99.759	-0.376
1E+13	176	100.006	99.641	-0.365
1E+13	177	99.866	99.459	-0.407
Max		100.135	99.914	-0.035
Average		99.951	99.753	-0.197
Min		99.775	99.459	-0.407
Std Dev		0.110	0.133	0.141



28.191_ACCURACY I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

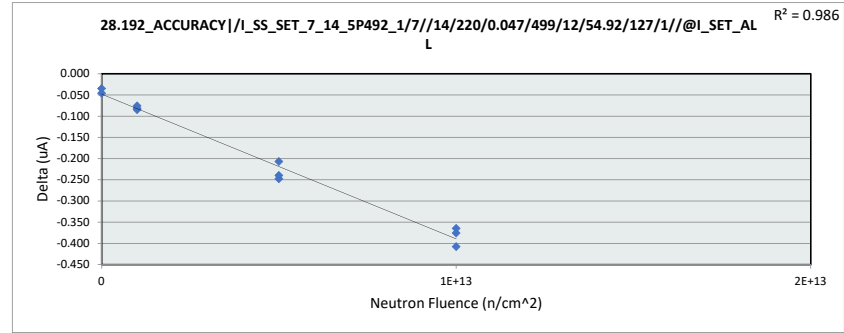
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.728	99.775	99.653	99.459
Average	99.796	99.859	99.753	99.620
Max	99.864	99.914	99.860	99.759
UL	101.100	101.100	101.100	101.100



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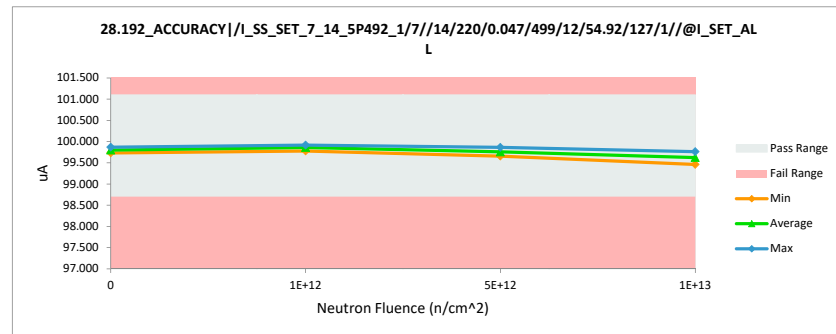
28.192_ACCURACY /I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.902	99.867	-0.035
0	287	99.777	99.731	-0.046
1E+12	169	99.862	99.777	-0.085
1E+12	170	99.973	99.891	-0.082
1E+12	171	99.992	99.916	-0.076
5E+12	172	99.997	99.749	-0.248
5E+12	173	99.863	99.656	-0.207
5E+12	174	100.103	99.863	-0.240
1E+13	175	100.138	99.762	-0.376
1E+13	176	100.009	99.644	-0.365
1E+13	177	99.869	99.461	-0.408
Max	100.138	99.916	-0.035	
Average	99.953	99.756	-0.197	
Min	99.777	99.461	-0.408	
Std Dev	0.110	0.134	0.141	



28.192_ACCURACY /I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

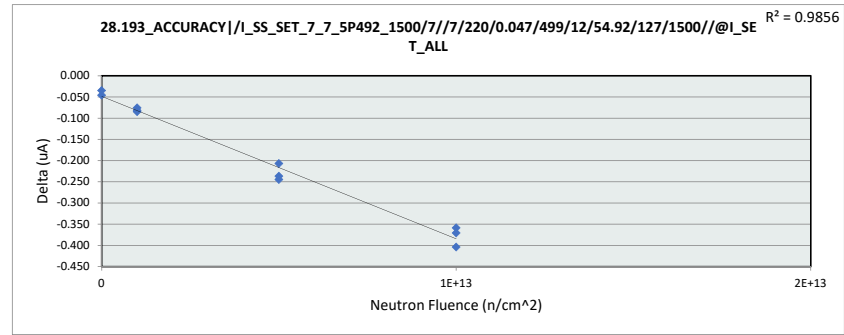
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.731	99.777	99.656	99.461
Average	99.799	99.861	99.756	99.622
Max	99.867	99.916	99.863	99.762
UL	101.100	101.100	101.100	101.100



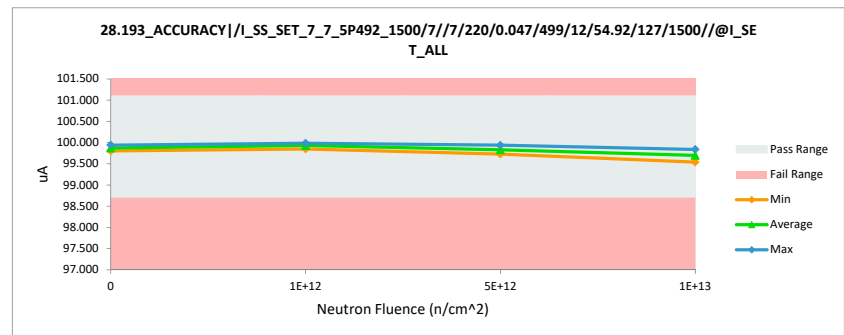
NDD Report TPS7H1111-SP

28.193_ACCURACY /I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.973	99.938	-0.035
0	287	99.848	99.802	-0.046
1E+12	169	99.934	99.849	-0.085
1E+12	170	100.045	99.963	-0.082
1E+12	171	100.062	99.986	-0.076
5E+12	172	100.068	99.823	-0.245
5E+12	173	99.935	99.728	-0.207
5E+12	174	100.174	99.937	-0.237
1E+13	175	100.208	99.837	-0.371
1E+13	176	100.079	99.720	-0.359
1E+13	177	99.942	99.538	-0.404
Max		100.208	99.986	-0.035
Average		100.024	99.829	-0.195
Min		99.848	99.538	-0.404
Std Dev		0.109	0.132	0.139



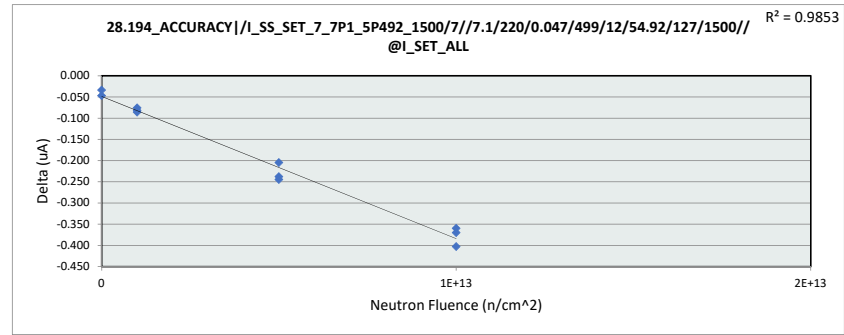
28.193_ACCURACY /I_SS_SET_7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	101.1	uA		
Min Limit	98.7	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.802	99.849	99.728	99.538
Average	99.870	99.933	99.829	99.698
Max	99.938	99.986	99.937	99.837
UL	101.100	101.100	101.100	101.100



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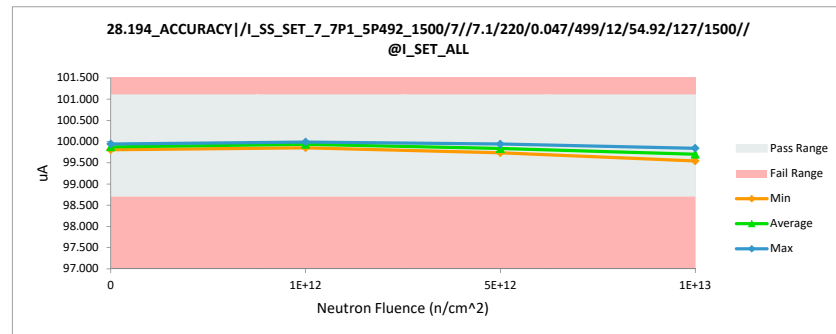
28.194_ACCURACY/I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.977	99.943	-0.034
0	287	99.853	99.806	-0.047
1E+12	169	99.938	99.852	-0.086
1E+12	170	100.049	99.967	-0.082
1E+12	171	100.066	99.990	-0.076
5E+12	172	100.073	99.828	-0.245
5E+12	173	99.939	99.734	-0.205
5E+12	174	100.179	99.941	-0.238
1E+13	175	100.212	99.842	-0.370
1E+13	176	100.084	99.724	-0.360
1E+13	177	99.945	99.542	-0.403
Max		100.212	99.990	-0.034
Average		100.029	99.834	-0.195
Min		99.853	99.542	-0.403
Std Dev		0.109	0.132	0.139



28.194_ACCURACY/I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

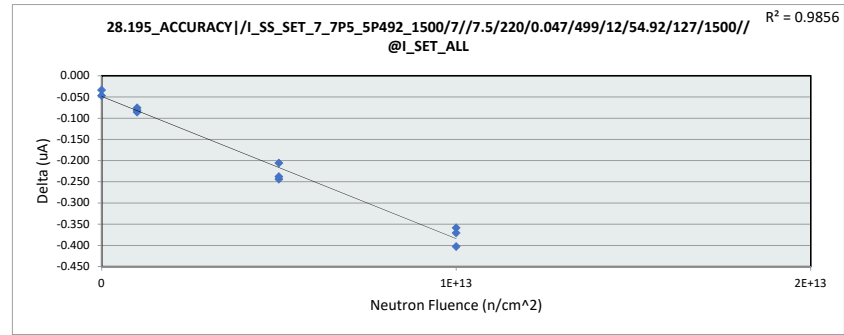
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.806	99.852	99.734	99.542
Average	99.875	99.936	99.834	99.703
Max	99.943	99.990	99.941	99.842
UL	101.100	101.100	101.100	101.100



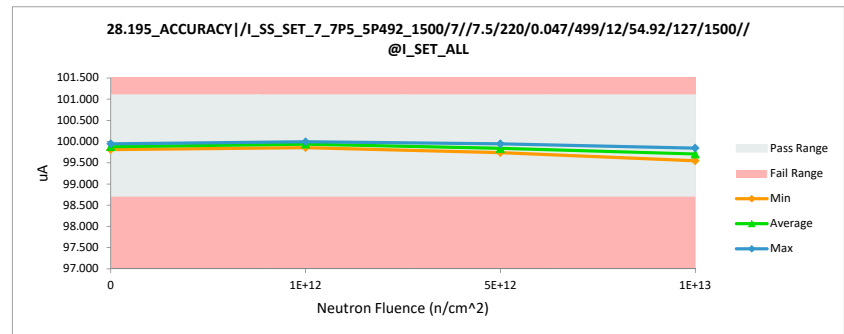
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28.195_ACCURACY /I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.980	99.946	-0.034
0	287	99.858	99.811	-0.047
1E+12	169	99.942	99.856	-0.086
1E+12	170	100.053	99.971	-0.082
1E+12	171	100.070	99.994	-0.076
5E+12	172	100.076	99.832	-0.244
5E+12	173	99.944	99.738	-0.206
5E+12	174	100.183	99.945	-0.238
1E+13	175	100.217	99.846	-0.371
1E+13	176	100.088	99.729	-0.359
1E+13	177	99.950	99.547	-0.403
Max		100.217	99.994	-0.034
Average		100.033	99.838	-0.195
Min		99.858	99.547	-0.403
Std Dev		0.109	0.131	0.139



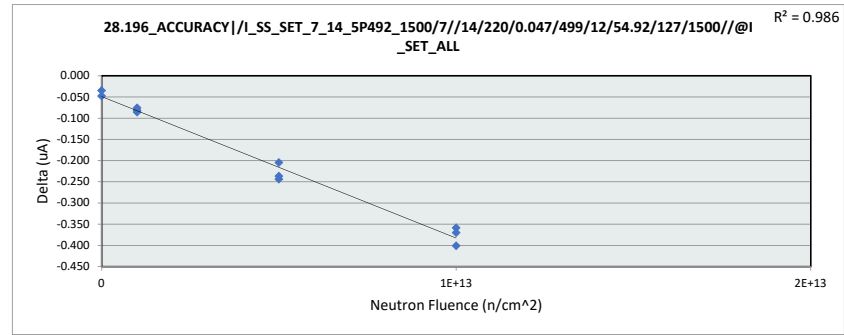
28.195_ACCURACY /I_SS_SET_7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	101.1	uA		
Min Limit	98.7	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.811	99.856	99.738	99.547
Average	99.879	99.940	99.838	99.707
Max	99.946	99.994	99.945	99.846
UL	101.100	101.100	101.100	101.100



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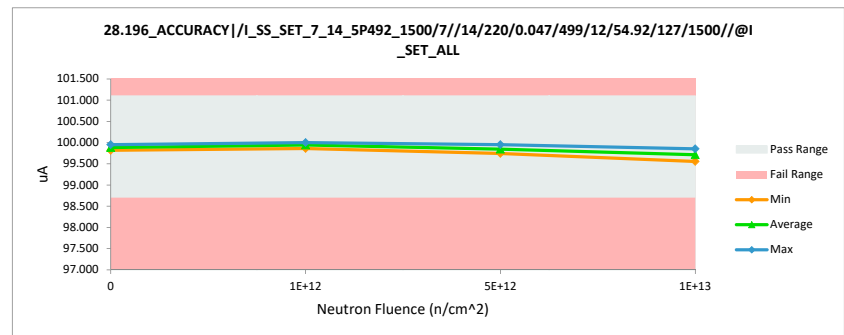
28.196_ACCURACY I_SS_SET_7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	101.1	101.1
Min Limit	98.7	98.7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	99.984	99.949	-0.035
0	287	99.863	99.815	-0.048
1E+12	169	99.946	99.860	-0.086
1E+12	170	100.057	99.975	-0.082
1E+12	171	100.074	99.998	-0.076
5E+12	172	100.081	99.837	-0.244
5E+12	173	99.948	99.743	-0.205
5E+12	174	100.187	99.950	-0.237
1E+13	175	100.221	99.851	-0.370
1E+13	176	100.092	99.733	-0.359
1E+13	177	99.954	99.553	-0.401
Max		100.221	99.998	-0.035
Average		100.037	99.842	-0.195
Min		99.863	99.553	-0.401
Std Dev		0.109	0.131	0.138



28.196_ACCURACY I_SS_SET_7		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	101.1	uA
Min Limit	98.7	uA

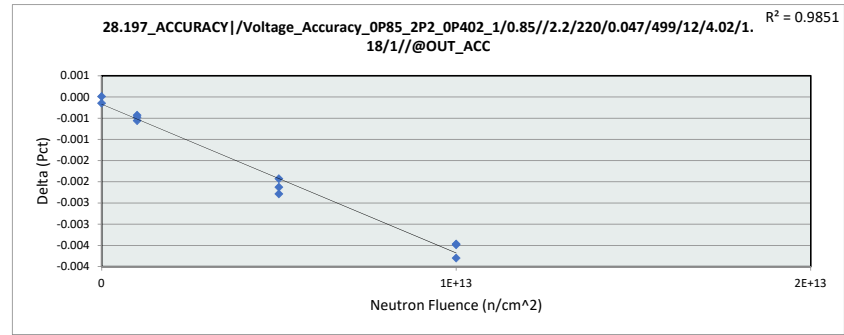
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	98.700	98.700	98.700	98.700
Min	99.815	99.860	99.743	99.553
Average	99.882	99.944	99.843	99.712
Max	99.949	99.998	99.950	99.851
UL	101.100	101.100	101.100	101.100



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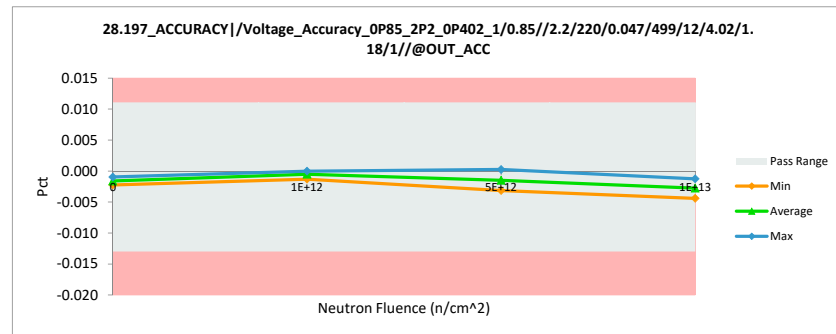
28.197_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	-0.001	-0.001	-0.001
1E+12	170	0.000	0.000	0.000
1E+12	171	0.000	0.000	0.000
5E+12	172	0.001	-0.002	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.002	-0.001	-0.003
1E+13	176	0.001	-0.003	-0.003
1E+13	177	-0.001	-0.004	-0.004
Max	0.003	0.000	0.000	
Average	0.000	-0.002	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.197_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

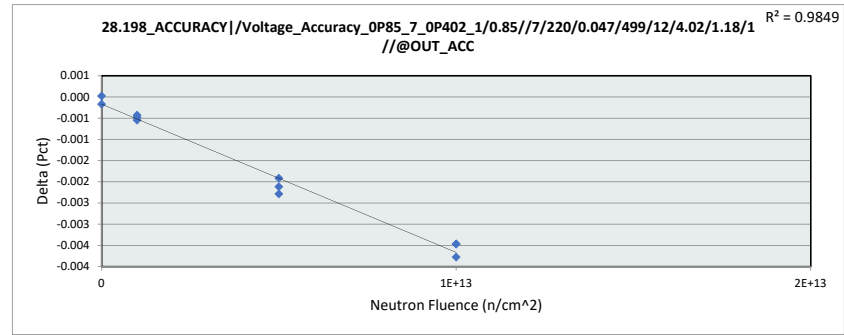
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.002	-0.001	-0.001	-0.003
Max	-0.001	0.000	0.000	-0.001
UL	0.011	0.011	0.011	0.011



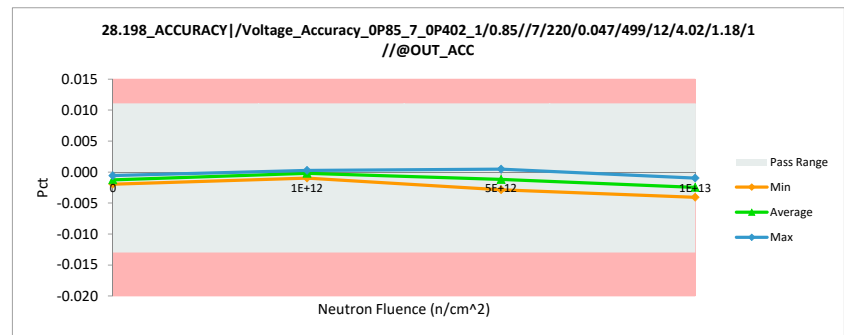
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28.198_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.002	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.000	0.000	
Average	0.000	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



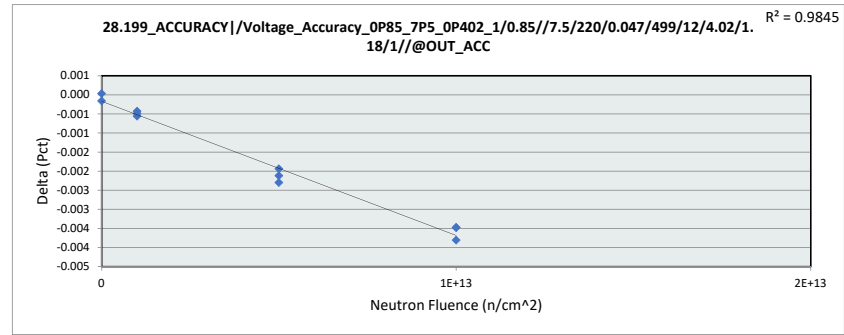
28.198_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.013	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	-0.001	0.000	0.000	-0.001
UL	0.011	0.011	0.011	0.011



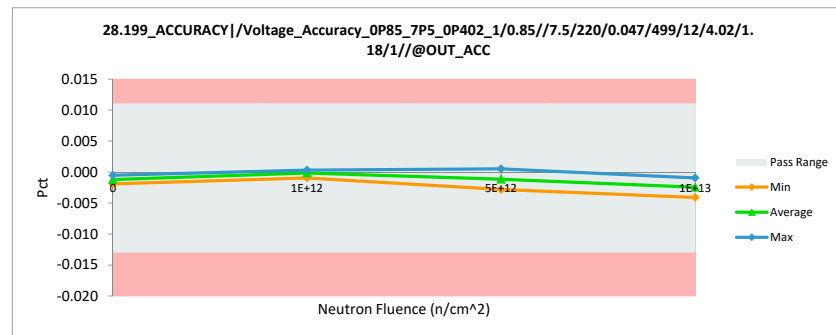
NDD Report TPS7H1111-SP

28.199_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.000	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



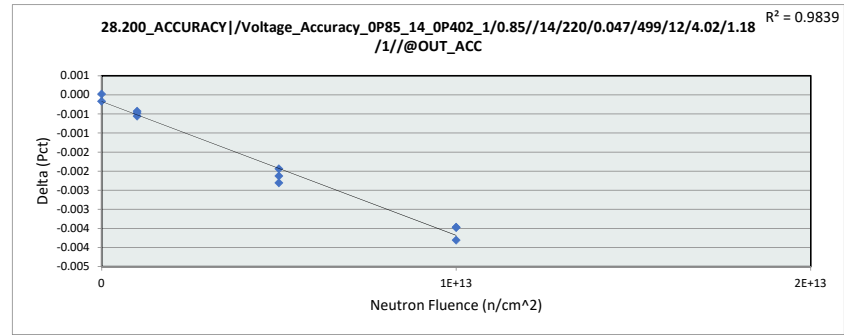
28.199_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.013	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	-0.001	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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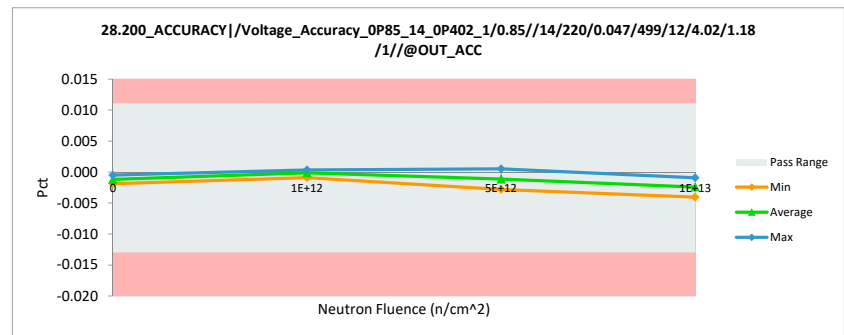
28.200_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.000	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.200_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

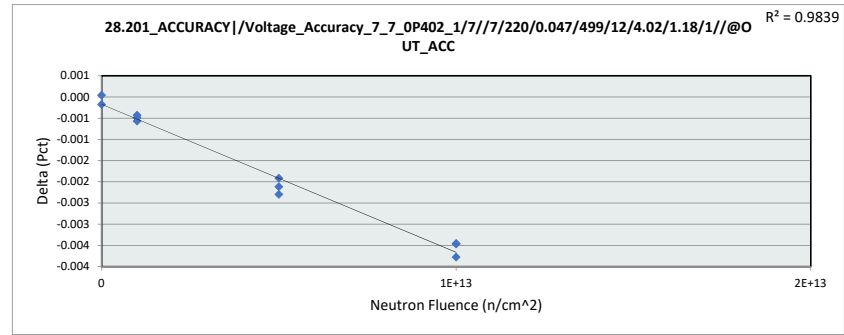
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	-0.001	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



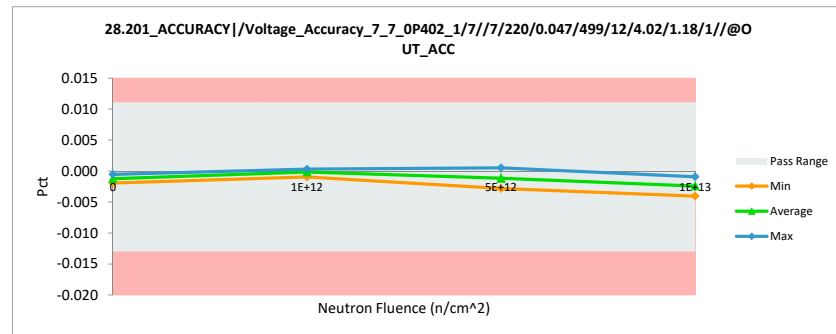
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28.201_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.000	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



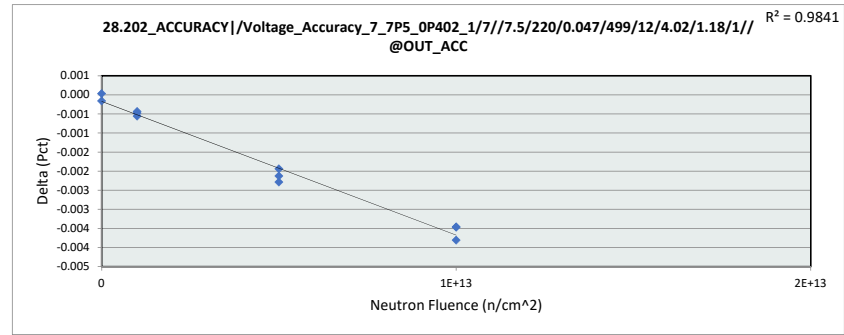
28.201_ACCURACY /Voltage_A				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.013	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	-0.001	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



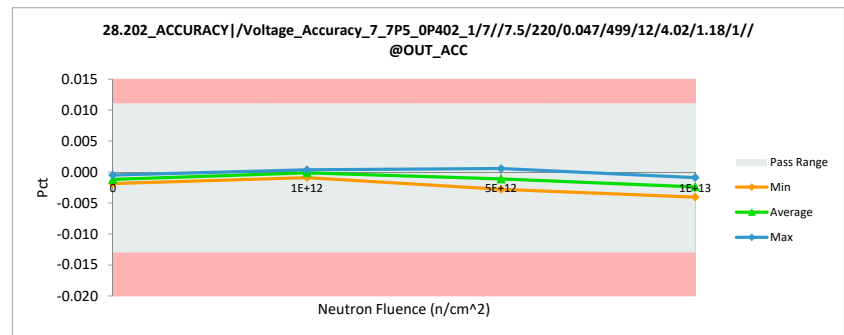
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28.202_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.000	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



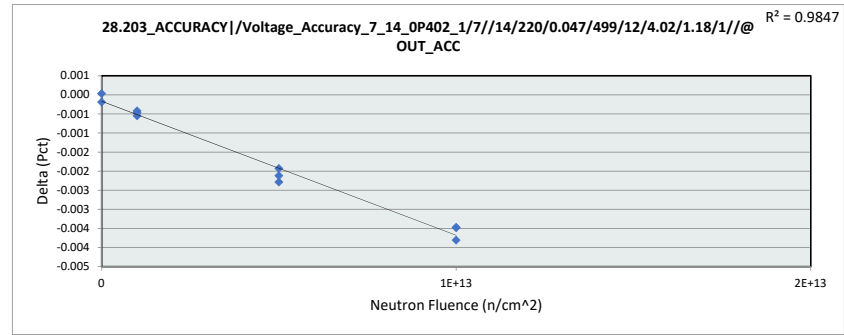
28.202_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.013	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	-0.001	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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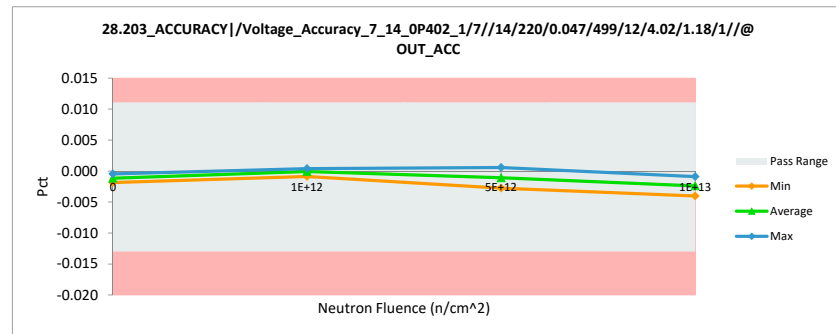
28.203_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	0.000	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.203_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

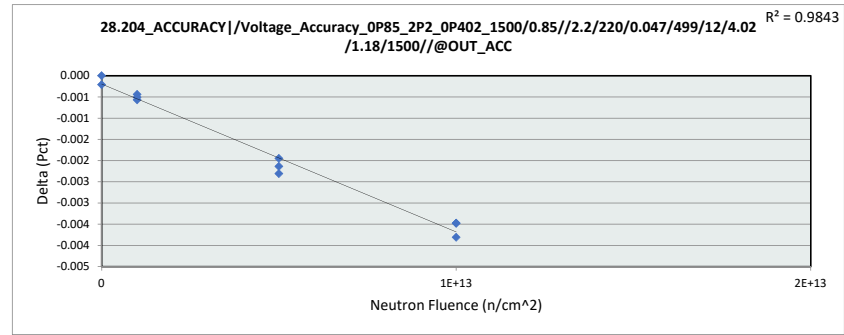
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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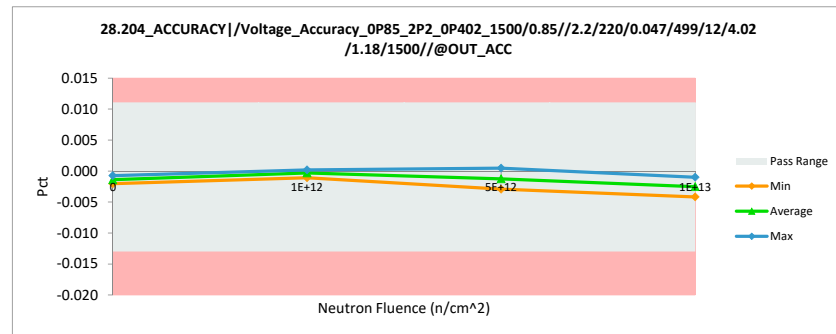
28.204_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	-0.001	-0.001	-0.001
1E+12	170	0.001	0.000	-0.001
1E+12	171	0.000	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.002	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.000	0.000	
Average	0.000	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.204_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

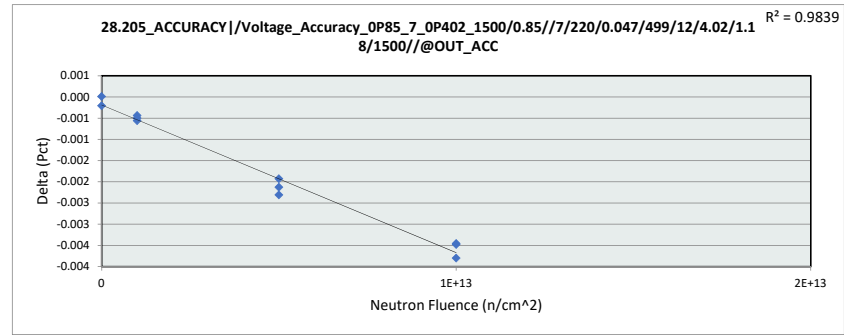
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.003
Max	-0.001	0.000	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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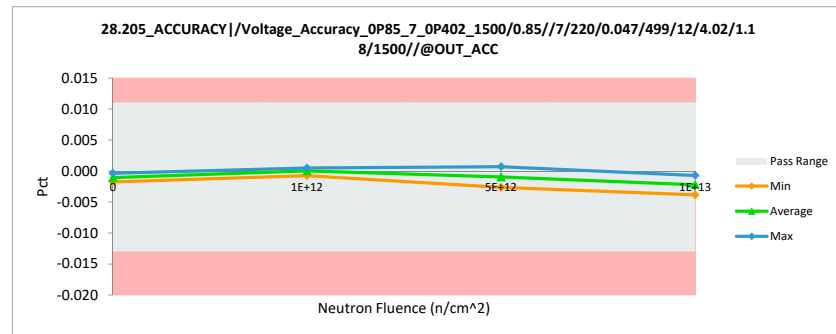
28.205_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.205_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

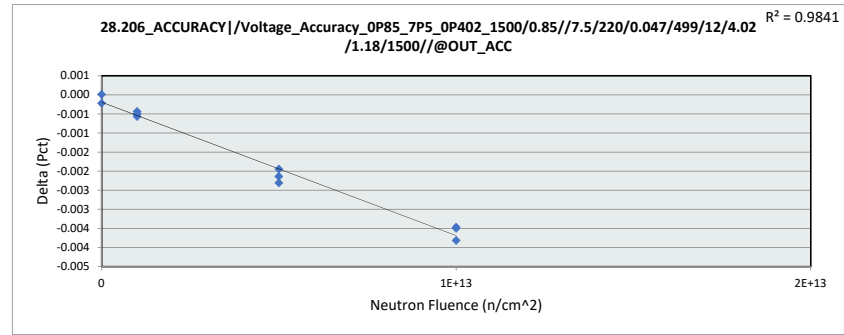
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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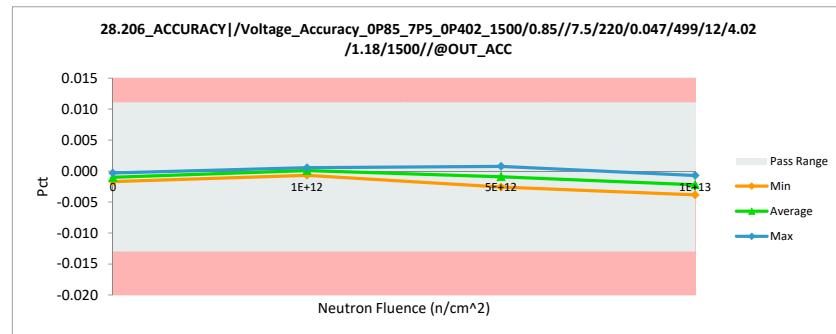
28.206_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.206_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

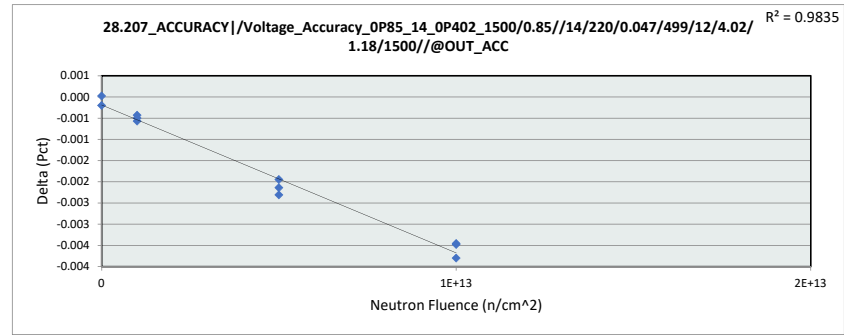
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



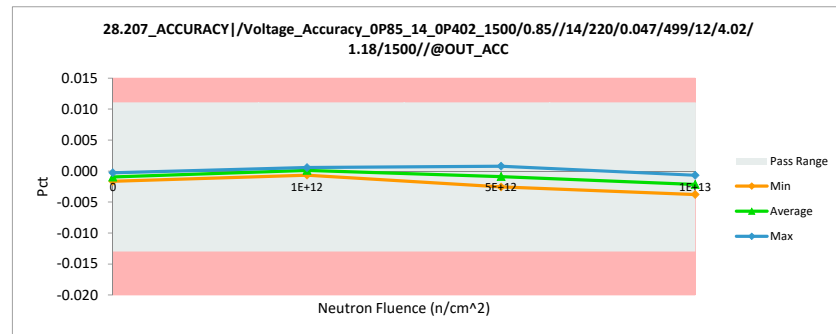
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28.207_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



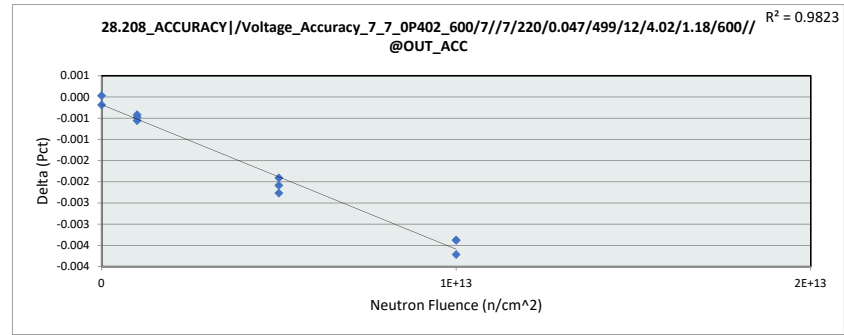
28.207_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.013	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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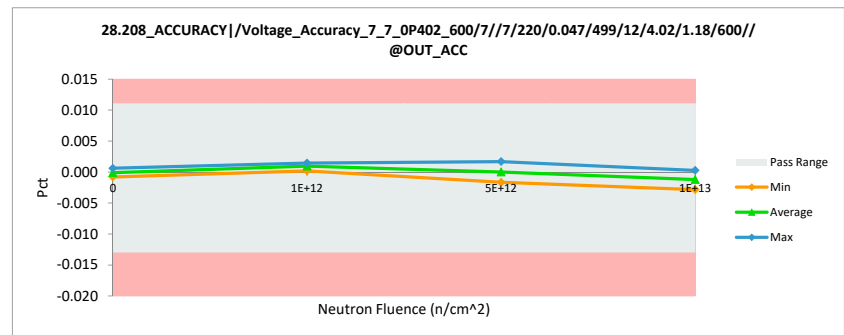
28.208_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.001	0.000
1E+12	171	0.002	0.001	0.000
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.004	0.002	-0.002
1E+13	175	0.004	0.000	-0.003
1E+13	176	0.002	-0.001	-0.003
1E+13	177	0.001	-0.003	-0.004
Max	0.004	0.002	0.000	
Average	0.002	0.000	-0.002	
Min	-0.001	-0.003	-0.004	
Std Dev	0.001	0.001	0.001	



28.208_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

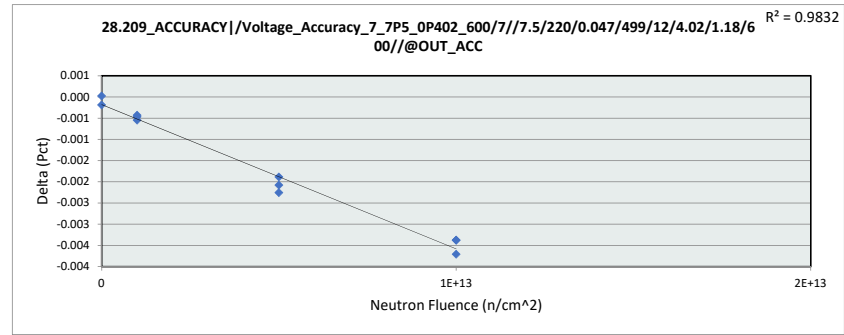
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	0.000	-0.002	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.001	0.002	0.000
UL	0.011	0.011	0.011	0.011



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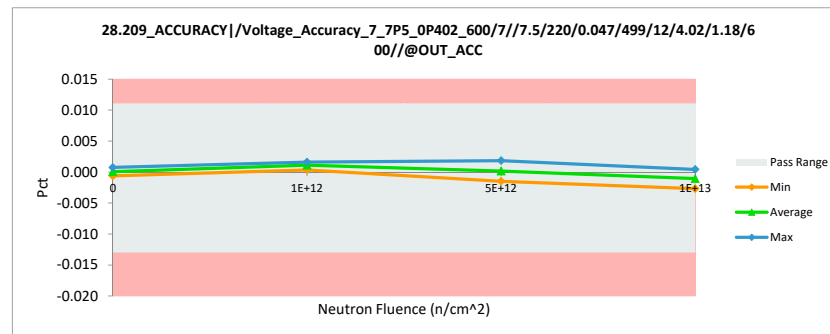
28.209_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	-0.001	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.002	0.000
1E+12	171	0.002	0.001	0.000
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.004	0.002	-0.002
1E+13	175	0.004	0.000	-0.003
1E+13	176	0.002	-0.001	-0.003
1E+13	177	0.001	-0.003	-0.004
Max	0.004	0.002	0.000	
Average	0.002	0.000	-0.002	
Min	0.000	-0.003	-0.004	
Std Dev	0.001	0.001	0.001	



28.209_ACCURACY /Voltage_A	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	0.011 Pct
Min Limit	-0.013 Pct

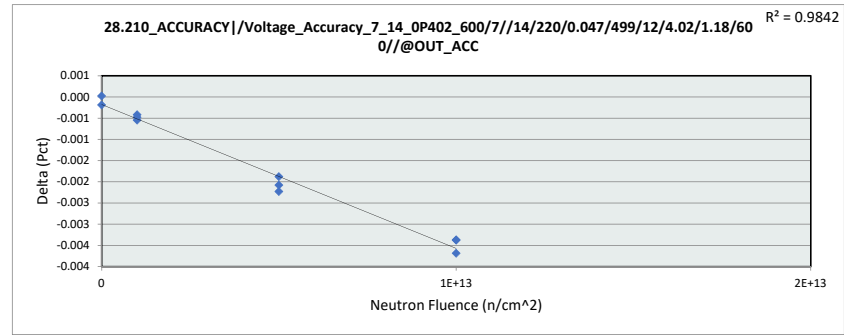
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	0.000	-0.002	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.002	0.002	0.000
UL	0.011	0.011	0.011	0.011



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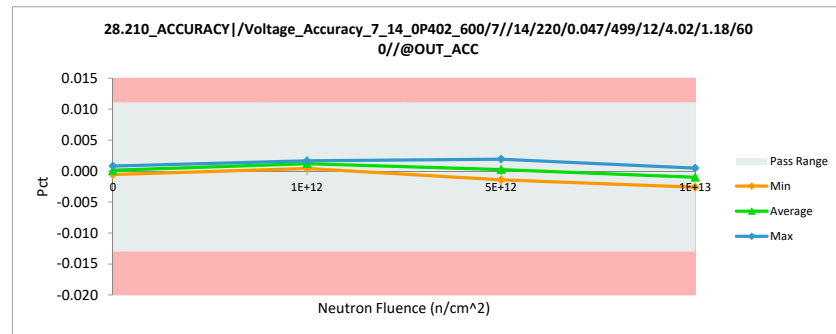
28.210_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	-0.001	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.002	0.000
1E+12	171	0.002	0.001	0.000
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.000	-0.001	-0.002
5E+12	174	0.004	0.002	-0.002
1E+13	175	0.004	0.000	-0.003
1E+13	176	0.003	-0.001	-0.003
1E+13	177	0.001	-0.003	-0.004
Max	0.004	0.002	0.000	
Average	0.002	0.000	-0.002	
Min	0.000	-0.003	-0.004	
Std Dev	0.001	0.001	0.001	



28.210_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

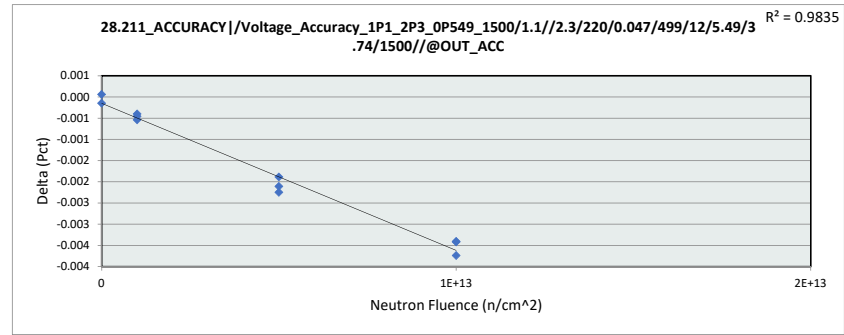
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	0.000	-0.001	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.002	0.002	0.000
UL	0.011	0.011	0.011	0.011



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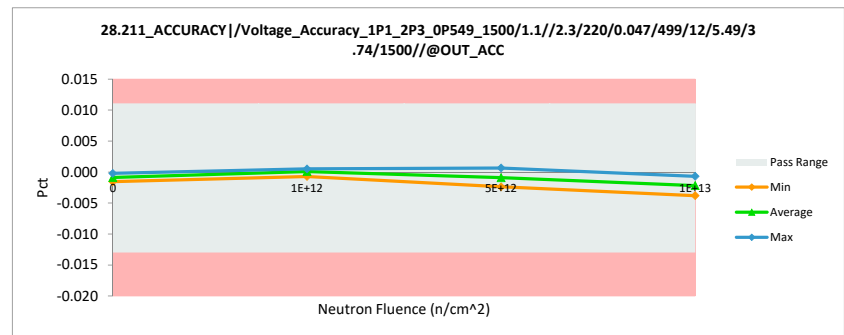
28.211_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.211_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

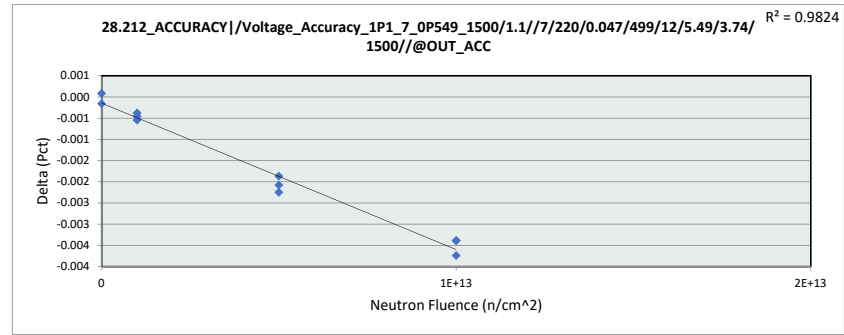
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.002	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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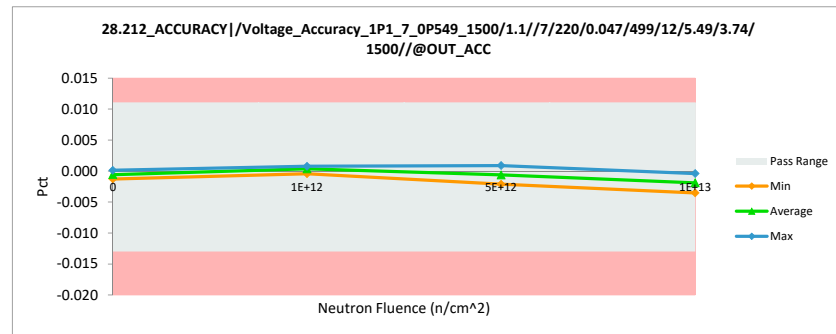
28.212_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	0.000	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	0.000	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.212_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

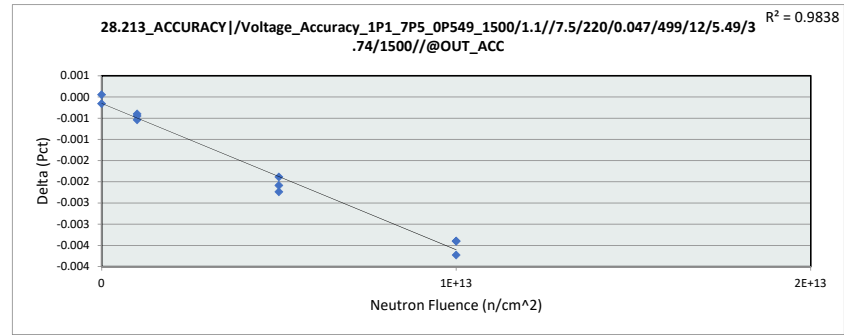
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	0.000	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



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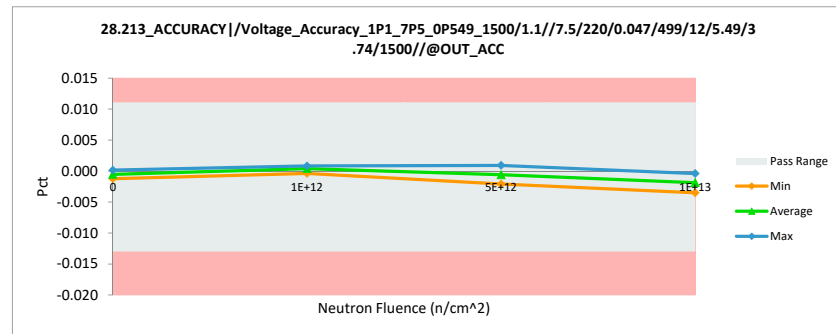
28.213_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	0.000	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	0.000	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.213_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

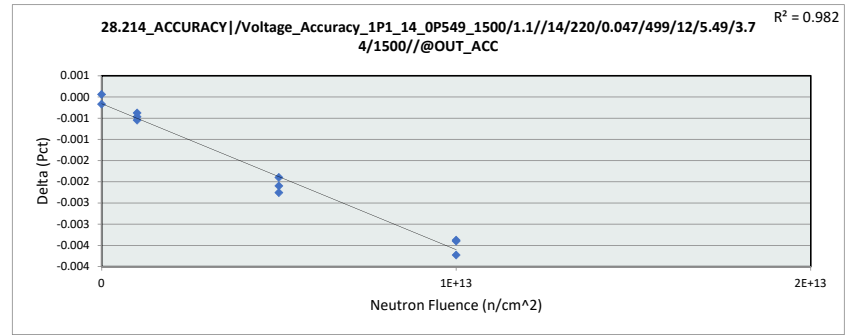
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	0.000	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



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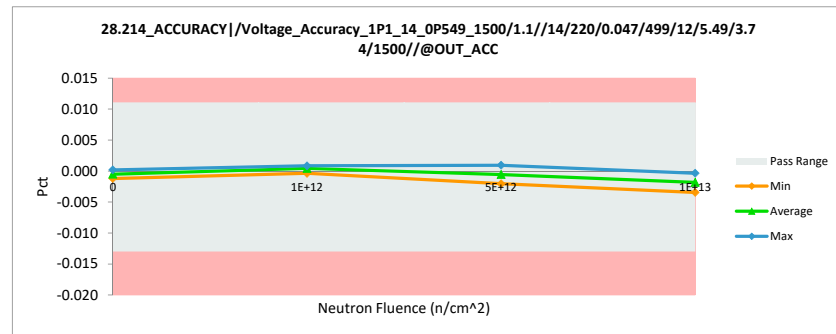
28.214_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	0.000	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	0.000	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.003	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.003	-0.004	
Std Dev	0.001	0.001	0.001	



28.214_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

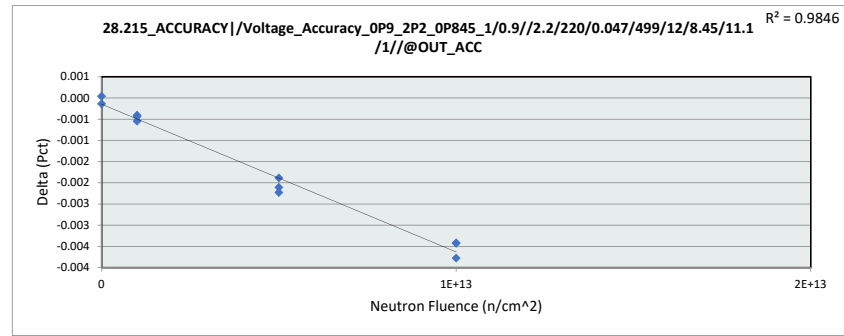
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	0.000	-0.002	-0.003
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



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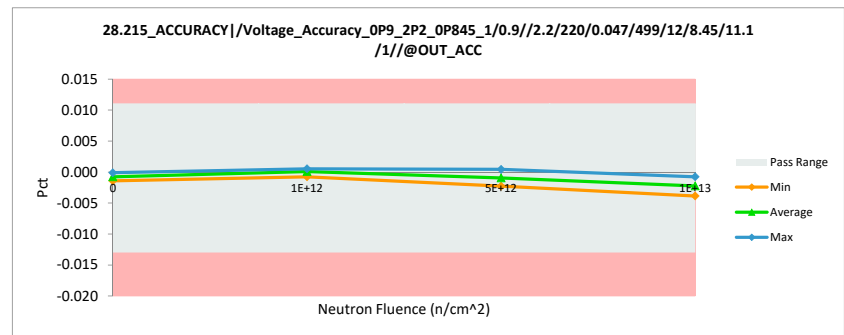
28.215_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.215_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

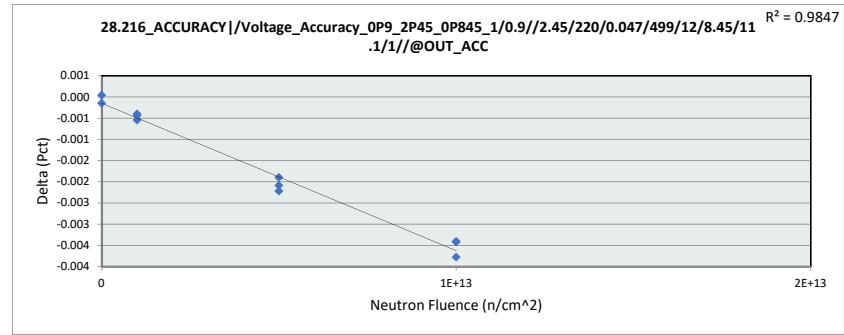
Neutron Fluence (n/cm ²)	LL	Min	Average	Max	UL
0	-0.013	-0.001	0.000	0.011	0.011
1E+12	-0.013	-0.001	0.000	0.011	0.011
5E+12	-0.013	-0.002	-0.001	0.011	0.011
1E+13	-0.013	-0.004	-0.002	0.011	0.011



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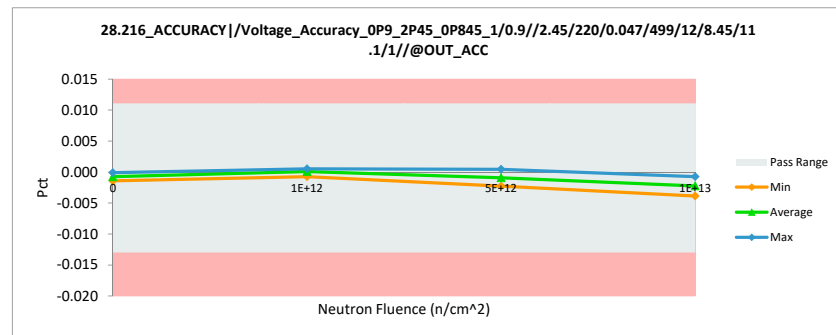
28.216_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.216_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

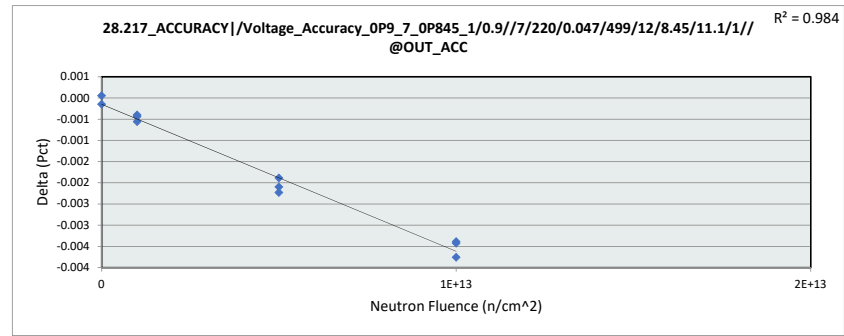
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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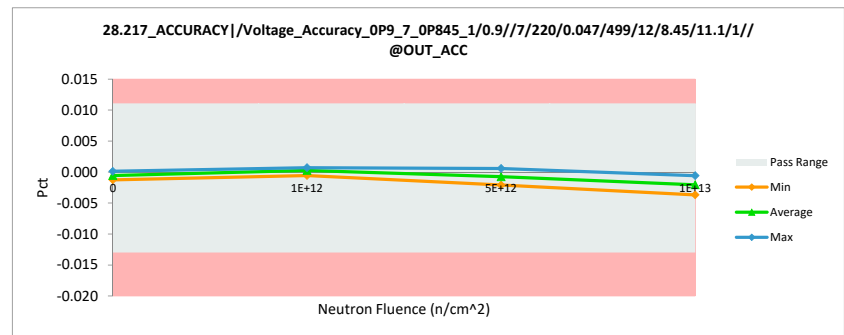
28.217_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.217_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

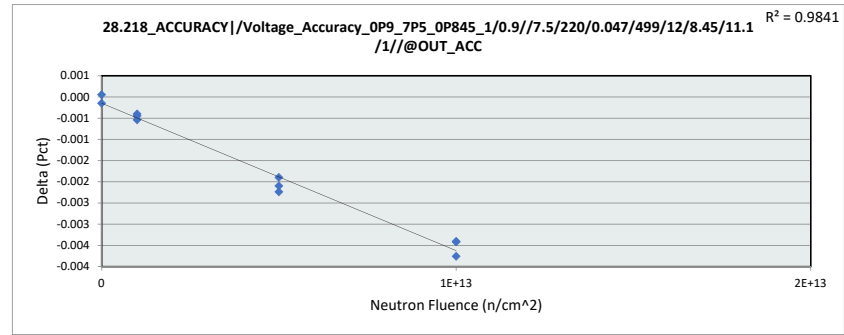
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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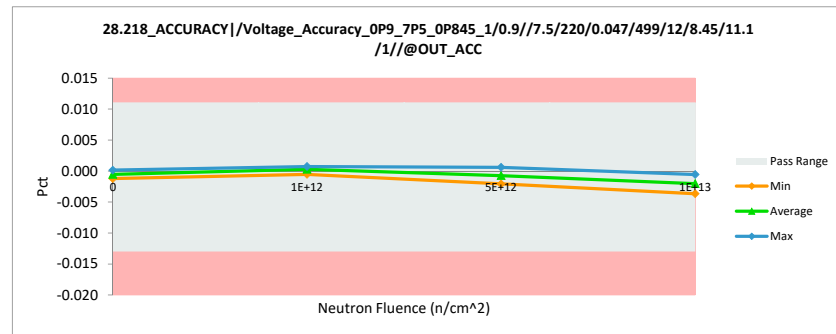
28.218_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.001	-0.004	-0.004
Std Dev		0.001	0.001	0.001



28.218_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

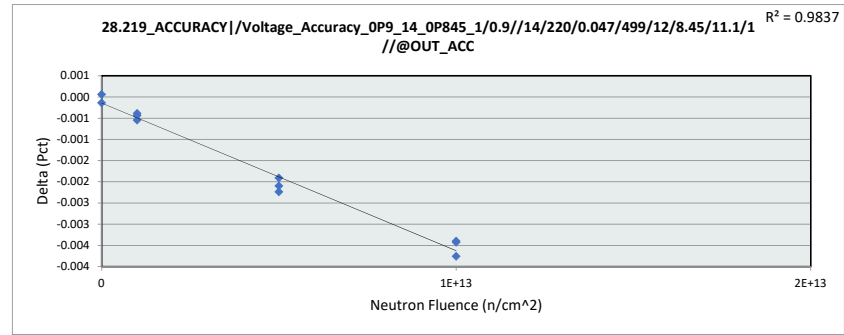
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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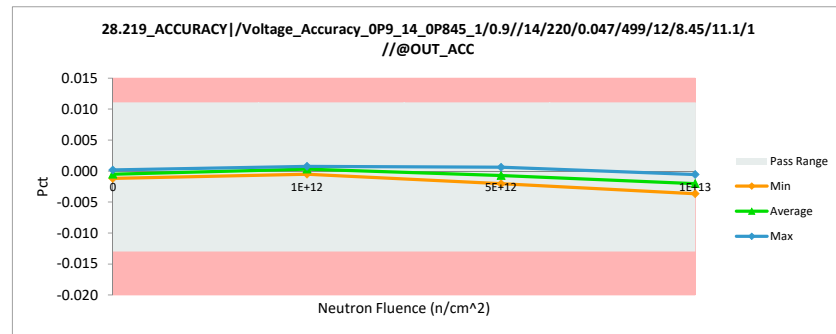
28.219_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.219_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

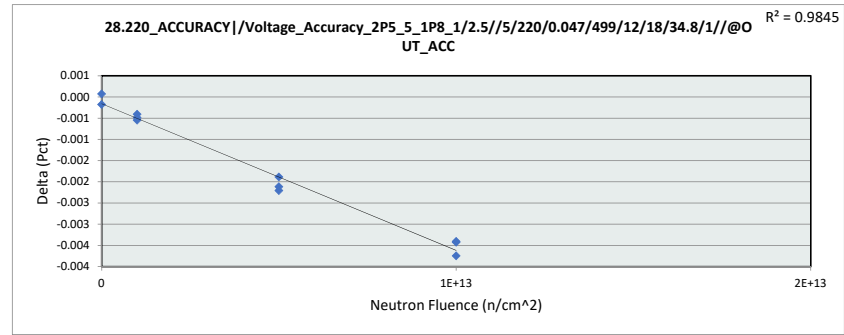
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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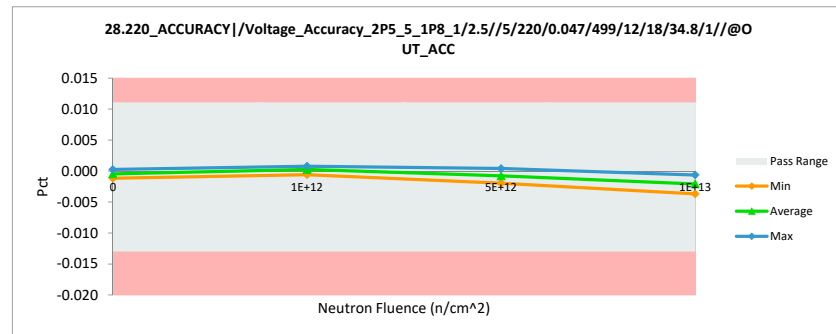
28.220_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.001	-0.004	-0.004
Std Dev		0.001	0.001	0.001



28.220_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

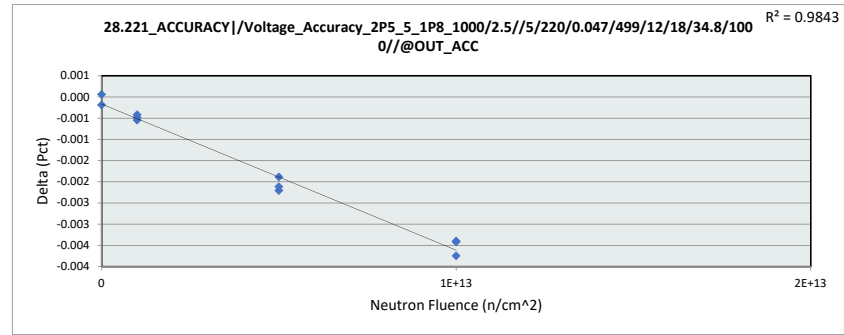
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	-0.001	-0.002	-0.004
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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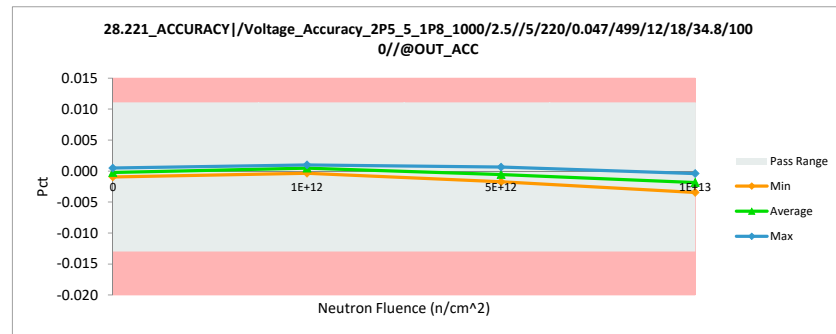
28.221_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	0.000	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	0.000	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.003	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.003	-0.004	
Std Dev	0.001	0.001	0.001	



28.221_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

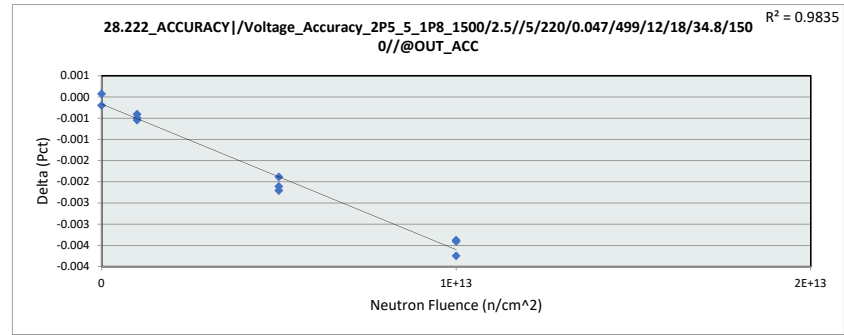
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	0.000	-0.002	-0.003
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



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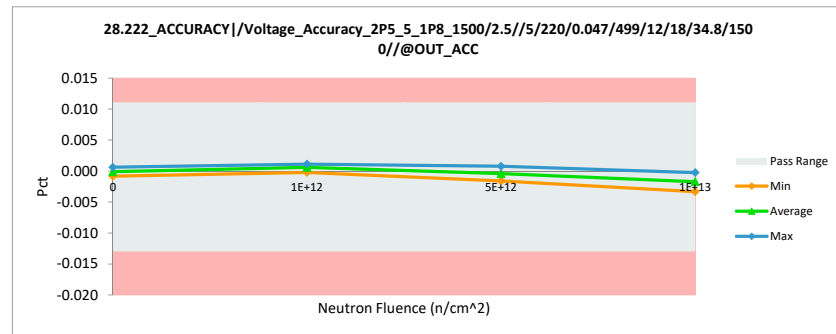
28.222_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	0.000	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.002	0.001	0.000
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	0.000	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.003	-0.004
Max		0.003	0.001	0.000
Average		0.001	0.000	-0.002
Min		-0.001	-0.003	-0.004
Std Dev		0.001	0.001	0.001



28.222_ACCURACY /Voltage_A	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	0.011 Pct
Min Limit	-0.013 Pct

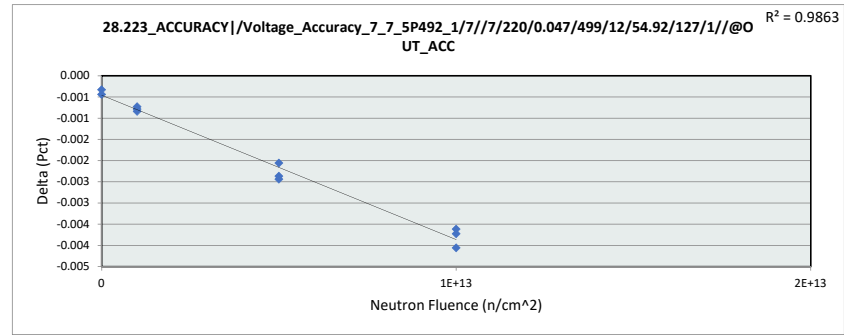
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	0.000	-0.002	-0.003
Average	0.000	0.001	0.000	-0.002
Max	0.001	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



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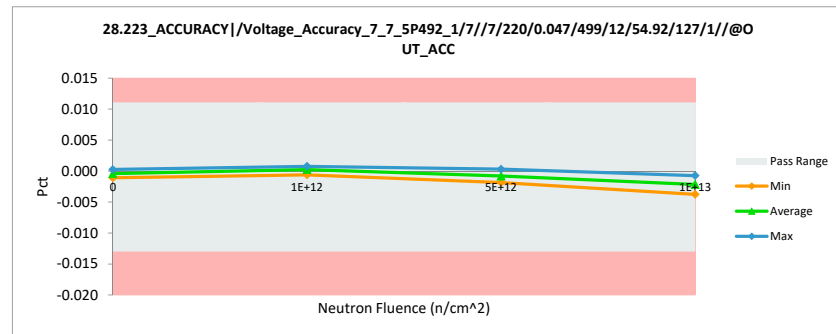
28.223_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.001	0.001	-0.001
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.004
1E+13	176	0.002	-0.002	-0.004
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.223_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

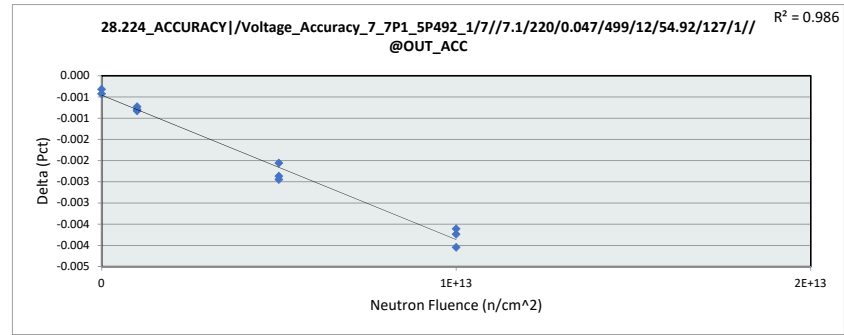
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	-0.001	-0.002	-0.004
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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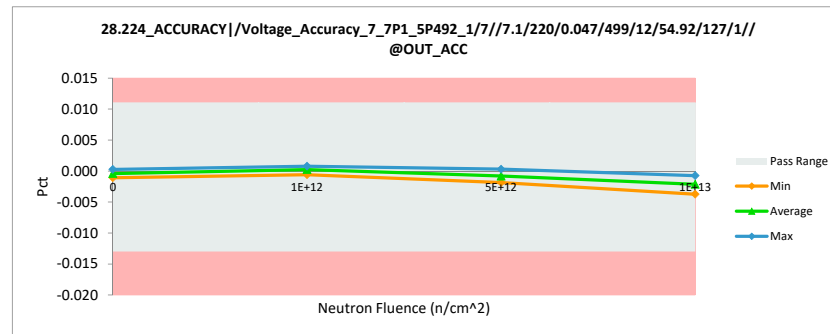
28.224_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.002	0.001	-0.001
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.004
1E+13	176	0.002	-0.002	-0.004
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.001	-0.004	-0.004
Std Dev		0.001	0.001	0.001



28.224_ACCURACY /Voltage_A	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	0.011 Pct
Min Limit	-0.013 Pct

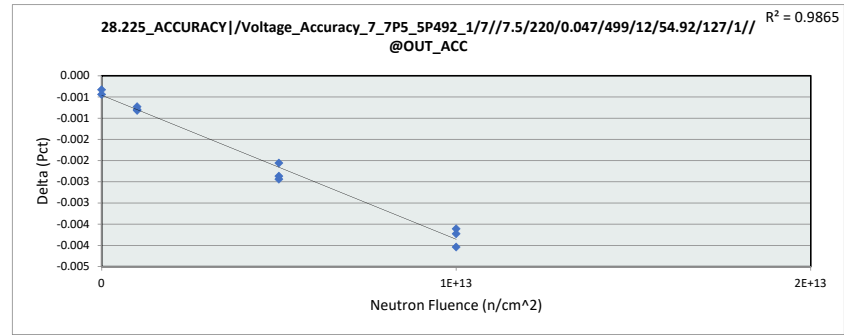
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	-0.001	-0.002	-0.004
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



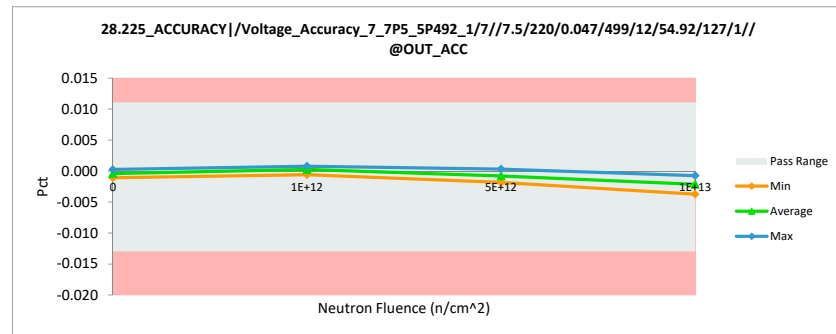
NDD Report TPS7H1111-SP

28.225_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.002	0.001	-0.001
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.004
1E+13	176	0.002	-0.002	-0.004
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



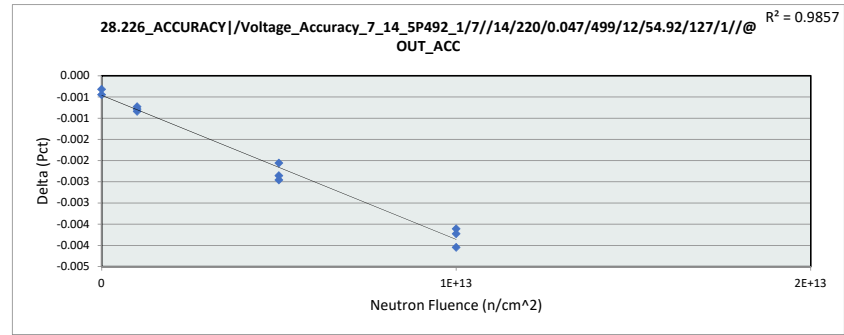
28.225_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.013	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	-0.001	-0.002	-0.004
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



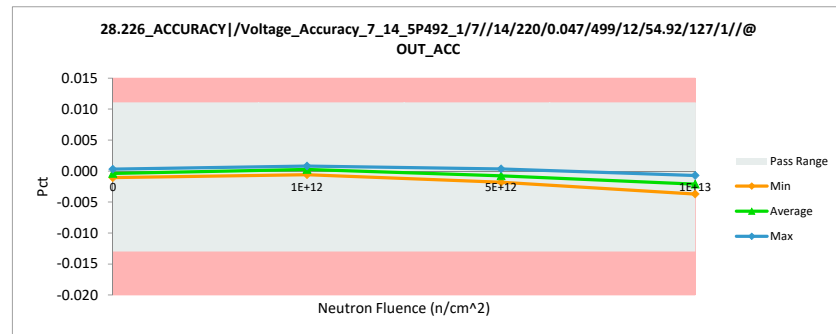
NDD Report TPS7H1111-SP

28.226_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.002	0.001	-0.001
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.004
1E+13	176	0.002	-0.002	-0.004
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.001	-0.004	-0.004
Std Dev		0.001	0.001	0.001



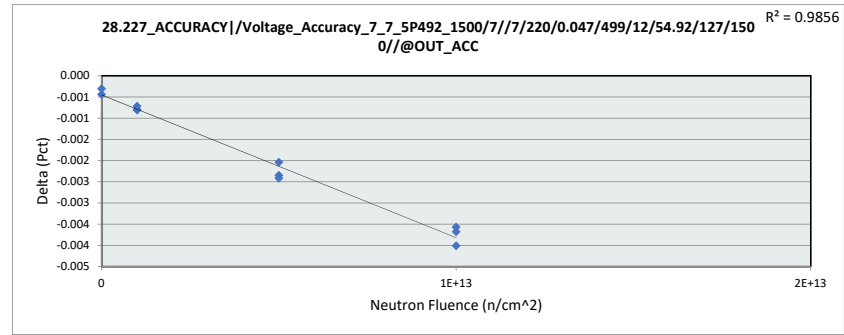
28.226_ACCURACY /Voltage_Accuracy_7_14_5P492_1/7//14/220/0.047/499/12/54.92/127/1//@ OUT_ACC				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.013	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	-0.001	-0.001	-0.002	-0.004
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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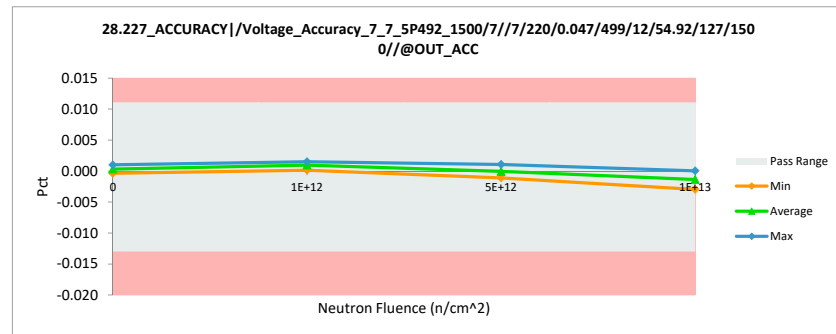
28.227_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	0.000	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.001	-0.001
1E+12	171	0.002	0.001	-0.001
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.001	-0.001	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.004	0.000	-0.004
1E+13	176	0.002	-0.001	-0.004
1E+13	177	0.001	-0.003	-0.004
Max	0.004	0.001	0.000	
Average	0.002	0.000	-0.002	
Min	0.000	-0.003	-0.004	
Std Dev	0.001	0.001	0.001	



28.227_ACCURACY /Voltage_A	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	0.011 Pct
Min Limit	-0.013 Pct

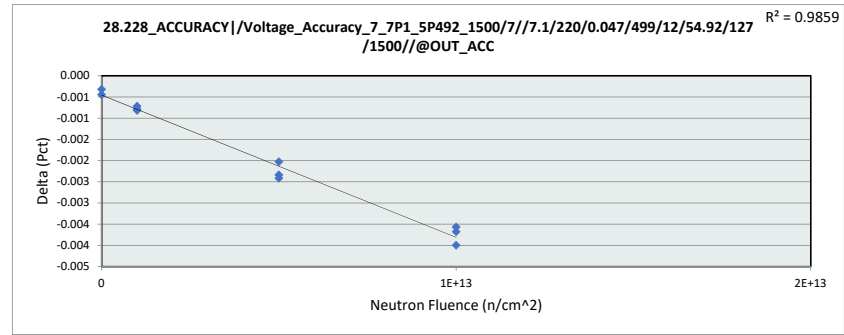
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	0.000	0.000	-0.001	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



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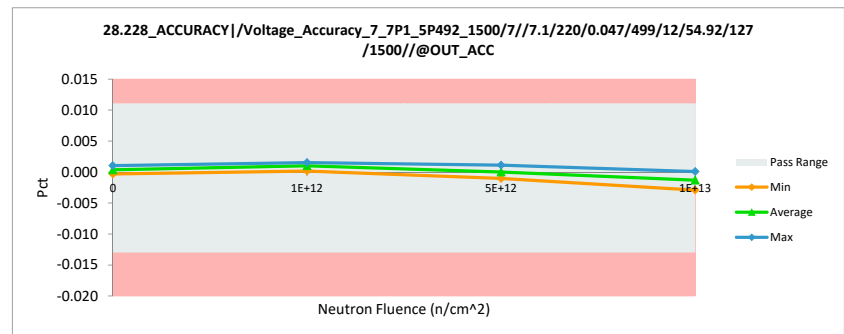
28.228_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	0.000	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.001	-0.001
1E+12	171	0.002	0.002	-0.001
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.001	-0.001	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.004	0.000	-0.004
1E+13	176	0.002	-0.001	-0.004
1E+13	177	0.001	-0.003	-0.004
Max		0.004	0.002	0.000
Average		0.002	0.000	-0.002
Min		0.000	-0.003	-0.004
Std Dev		0.001	0.001	0.001



28.228_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

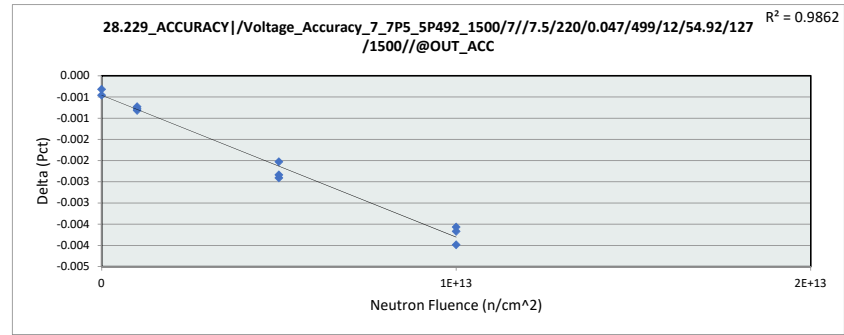
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	0.000	0.000	-0.001	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.002	0.001	0.000
UL	0.011	0.011	0.011	0.011



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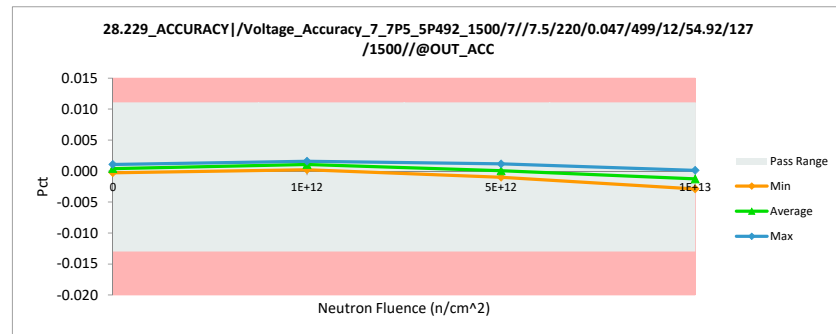
28.229_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	0.000	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.001	-0.001
1E+12	171	0.002	0.002	-0.001
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.001	-0.001	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.004	0.000	-0.004
1E+13	176	0.003	-0.001	-0.004
1E+13	177	0.001	-0.003	-0.004
Max		0.004	0.002	0.000
Average		0.002	0.000	-0.002
Min		0.000	-0.003	-0.004
Std Dev		0.001	0.001	0.001



28.229_ACCURACY /Voltage_A	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	0.011 Pct
Min Limit	-0.013 Pct

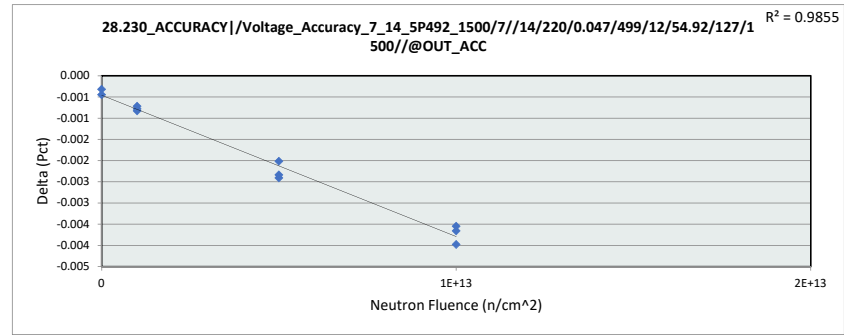
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	0.000	0.000	-0.001	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.002	0.001	0.000
UL	0.011	0.011	0.011	0.011



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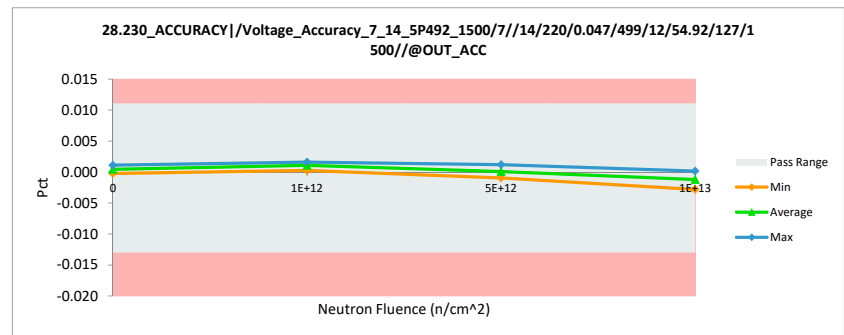
28.230_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.013	-0.013

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	0.000	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.001	-0.001
1E+12	171	0.002	0.002	-0.001
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.001	-0.001	-0.002
5E+12	174	0.004	0.001	-0.002
1E+13	175	0.004	0.000	-0.004
1E+13	176	0.003	-0.001	-0.004
1E+13	177	0.001	-0.003	-0.004
Max	0.004	0.002	0.000	
Average	0.002	0.000	-0.002	
Min	0.000	-0.003	-0.004	
Std Dev	0.001	0.001	0.001	



28.230_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.013	Pct

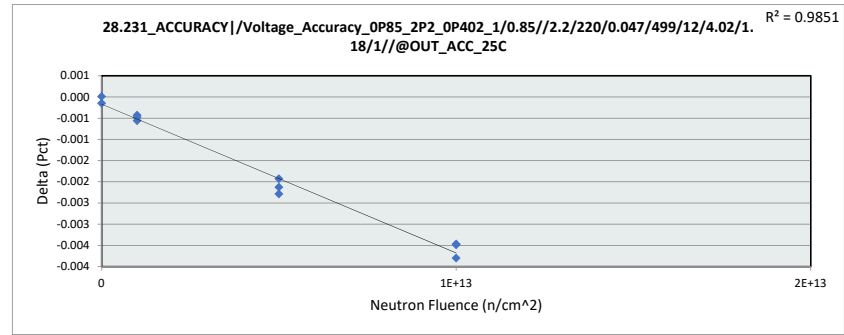
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.013	-0.013	-0.013	-0.013
Min	0.000	0.000	-0.001	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.002	0.001	0.000
UL	0.011	0.011	0.011	0.011



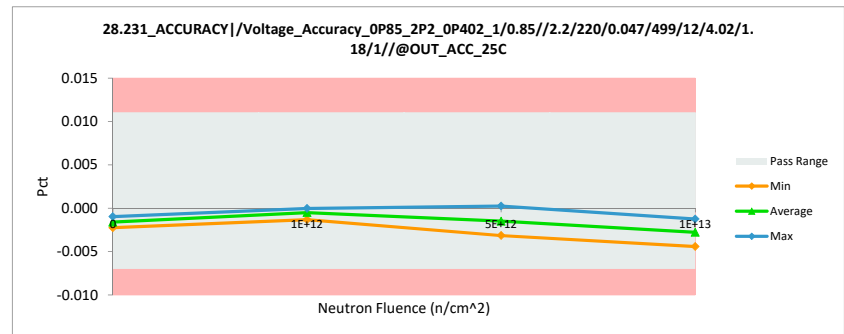
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28.231_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	-0.001	-0.001	-0.001
1E+12	170	0.000	0.000	0.000
1E+12	171	0.000	0.000	0.000
5E+12	172	0.001	-0.002	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.002	-0.001	-0.003
1E+13	176	0.001	-0.003	-0.003
1E+13	177	-0.001	-0.004	-0.004
Max	0.003	0.000	0.000	0.000
Average	0.000	-0.002	-0.002	-0.002
Min	-0.002	-0.004	-0.004	-0.004
Std Dev	0.001	0.001	0.001	0.001



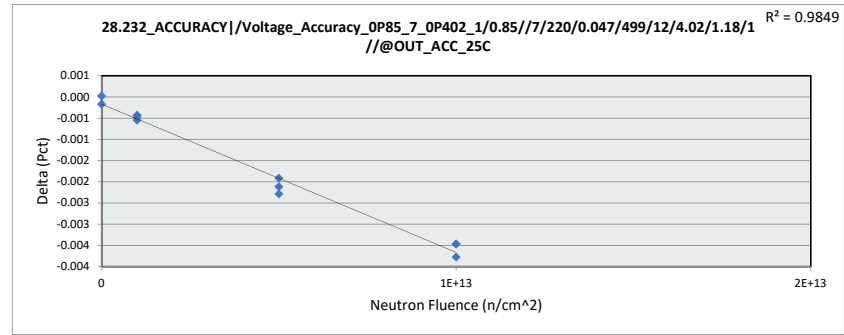
28.231_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.002	-0.001	-0.001	-0.003
Max	-0.001	0.000	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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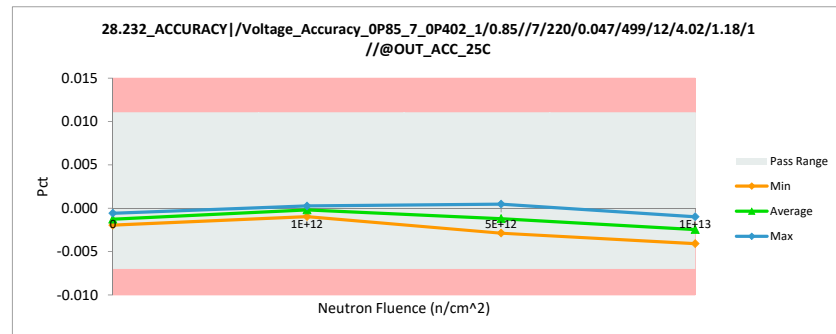
28.232_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.002	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.000	0.000
Average		0.000	-0.001	-0.002
Min		-0.002	-0.004	-0.004
Std Dev		0.001	0.001	0.001



28.232_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

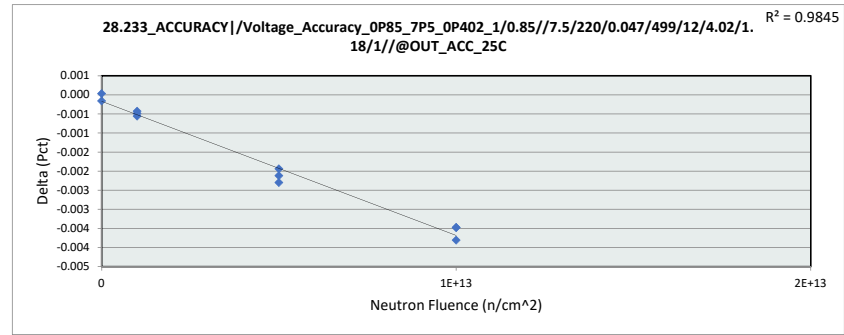
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	-0.001	0.000	0.000	-0.001
UL	0.011	0.011	0.011	0.011



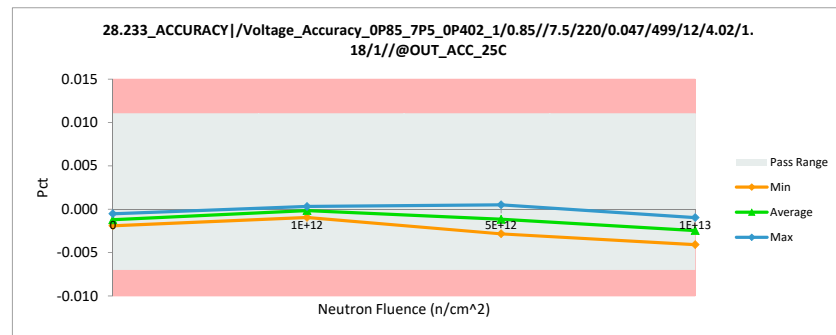
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28.233_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.000	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



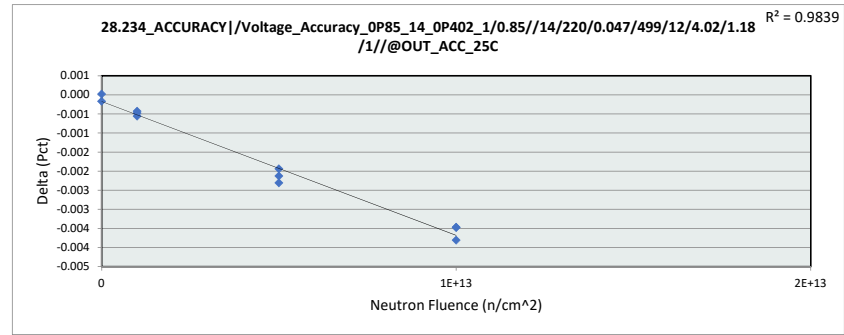
28.233_ACCURACY /Voltage_Accuracy				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	-0.001	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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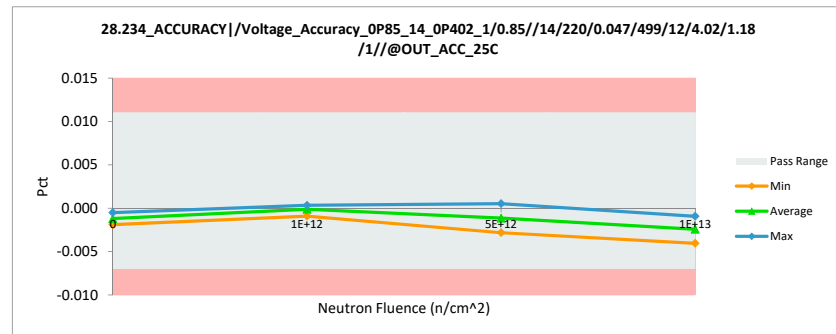
28.234_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.000	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.234_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

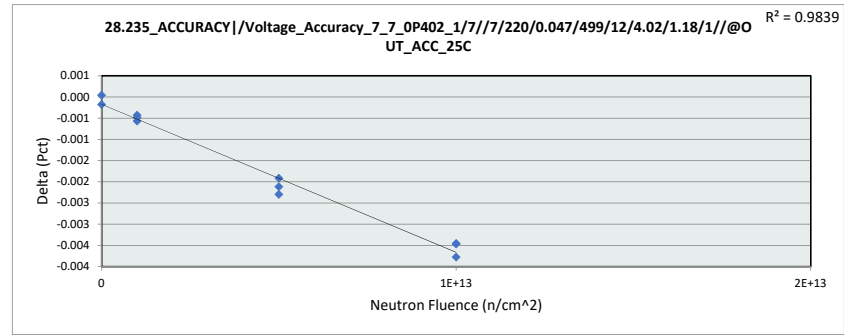
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	-0.001	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



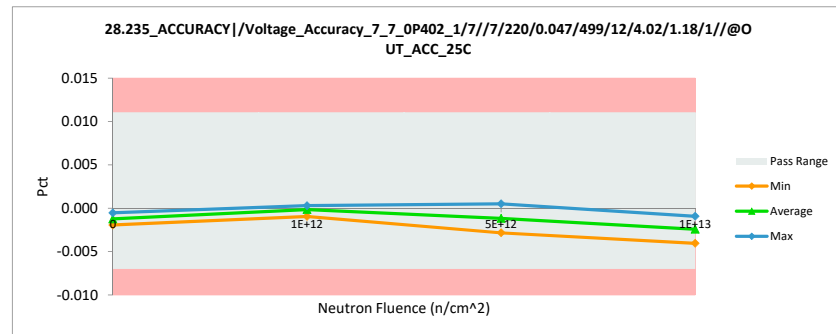
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28.235_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.001	0.000
Average		0.000	-0.001	-0.002
Min		-0.002	-0.004	-0.004
Std Dev		0.001	0.001	0.001



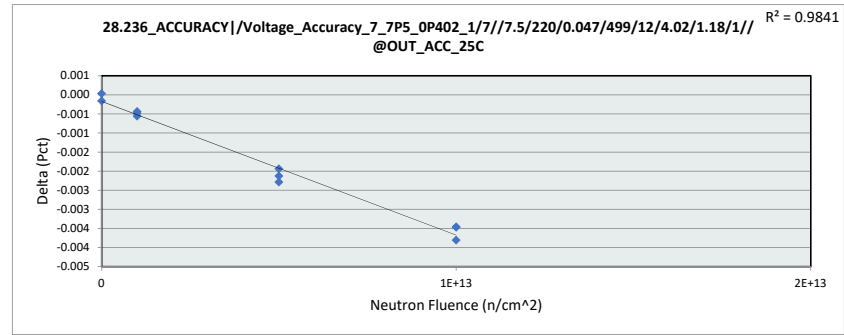
28.235_ACCURACY /Voltage_A				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	-0.001	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



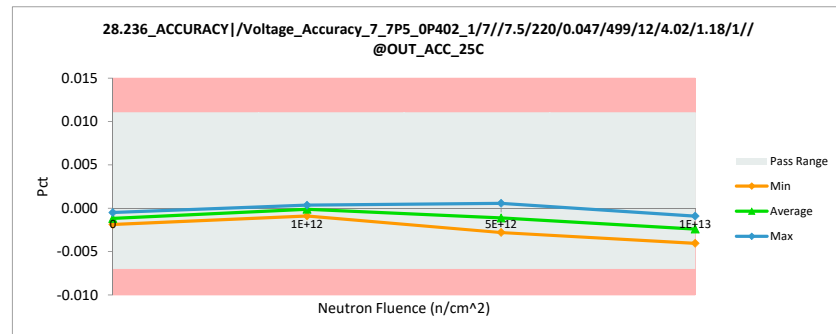
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28.236_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.000	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



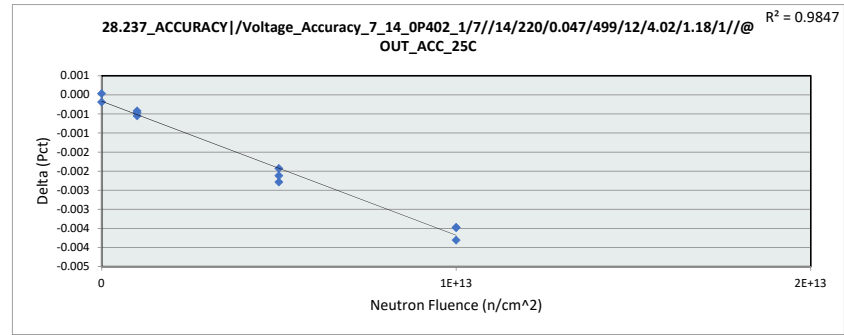
28.236_ACCURACY /Voltage_Accuracy				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	-0.001	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



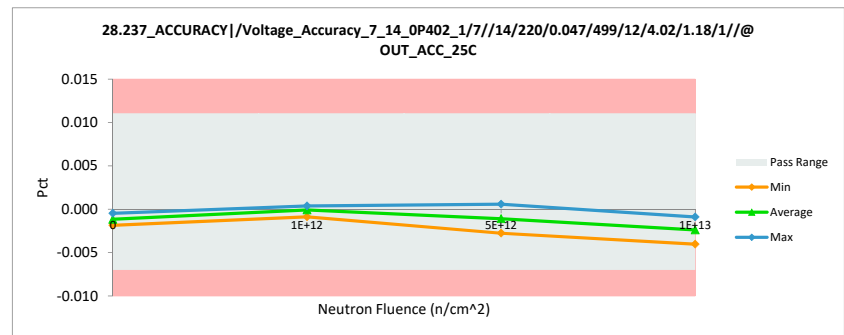
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28.237_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	0.000	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.002	-0.004	-0.004
Std Dev		0.001	0.001	0.001



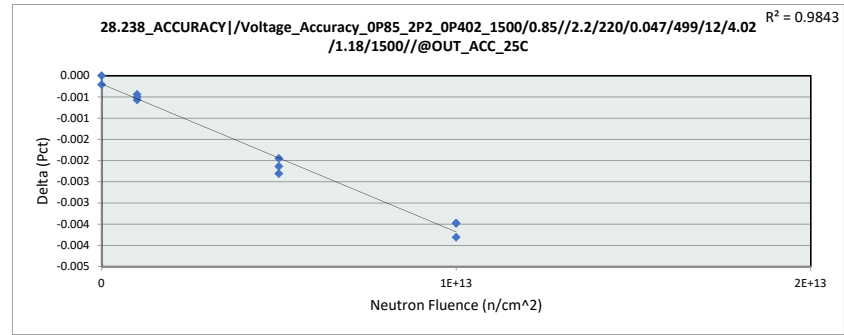
28.237_ACCURACY /Voltage_A				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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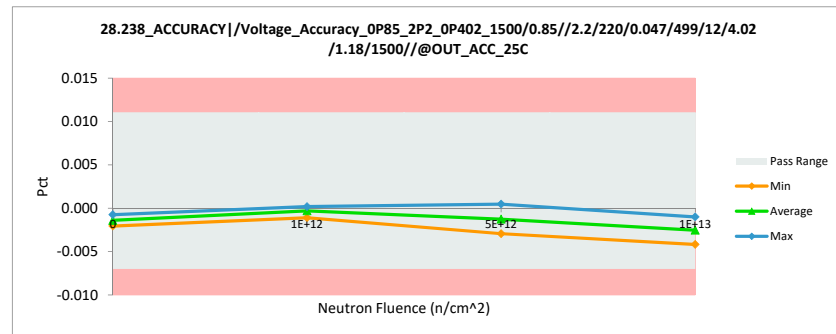
28.238_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-0.001	-0.001	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	-0.001	-0.001	-0.001
1E+12	170	0.001	0.000	-0.001
1E+12	171	0.000	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.002	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.000	0.000	
Average	0.000	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.238_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

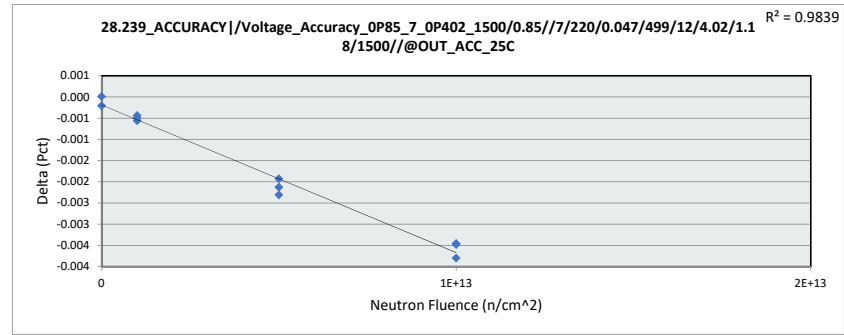
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.003
Max	-0.001	0.000	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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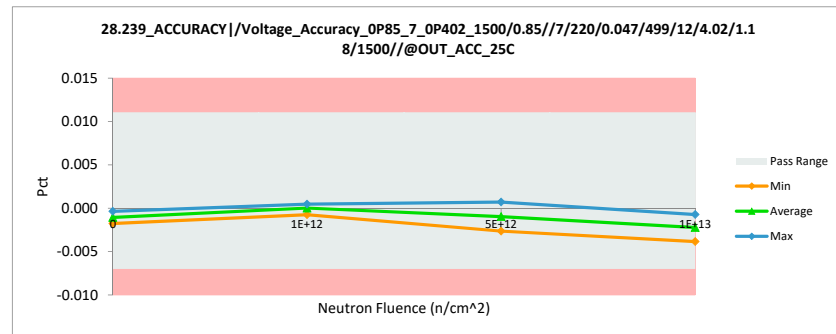
28.239_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.002	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.002	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.239_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

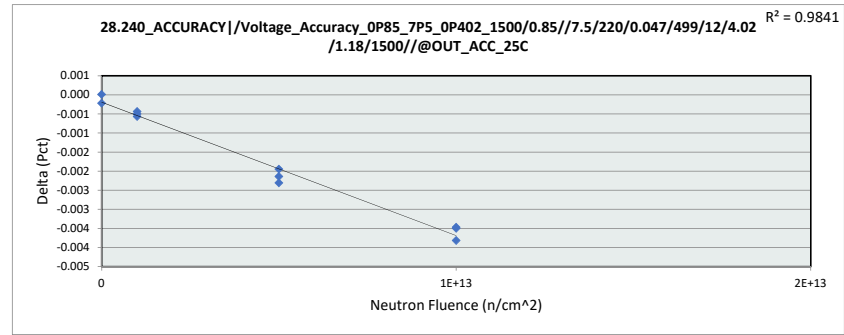
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.000	0.001	-0.001
UL	0.011	0.011	0.011	0.011



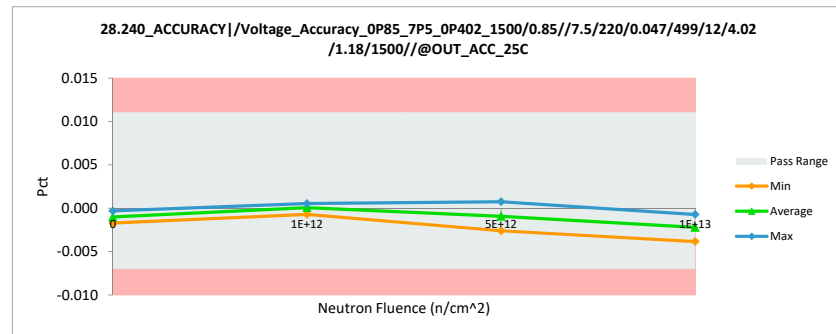
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28.240_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



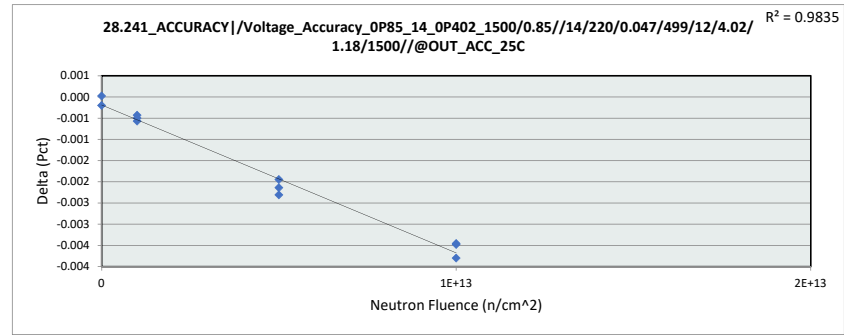
28.240_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



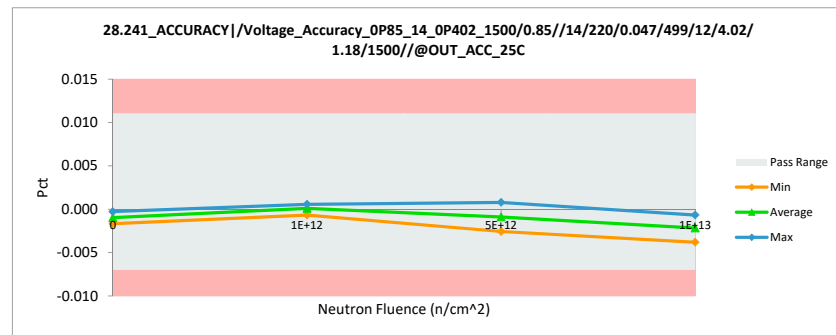
NDD Report TPS7H1111-SP

28.241_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.003	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



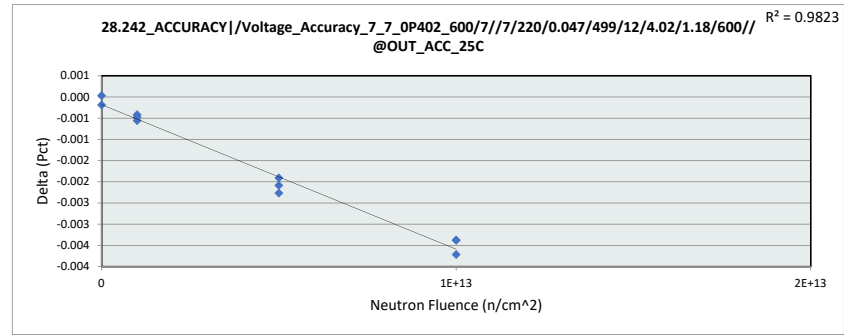
28.241_ACCURACY /Voltage_Accuracy				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.003	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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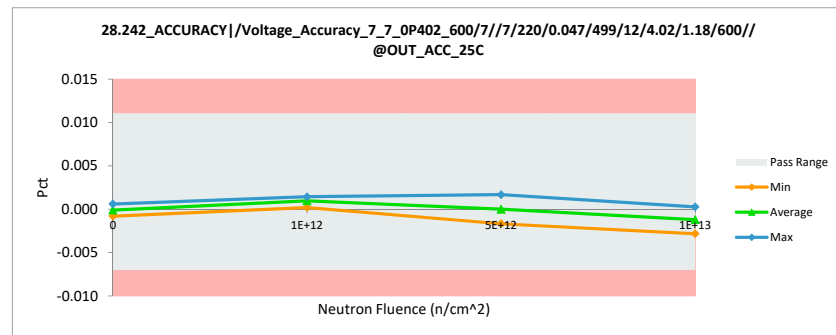
28.242_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.001	0.000
1E+12	171	0.002	0.001	0.000
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.004	0.002	-0.002
1E+13	175	0.004	0.000	-0.003
1E+13	176	0.002	-0.001	-0.003
1E+13	177	0.001	-0.003	-0.004
Max		0.004	0.002	0.000
Average		0.002	0.000	-0.002
Min		-0.001	-0.003	-0.004
Std Dev		0.001	0.001	0.001



28.242_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

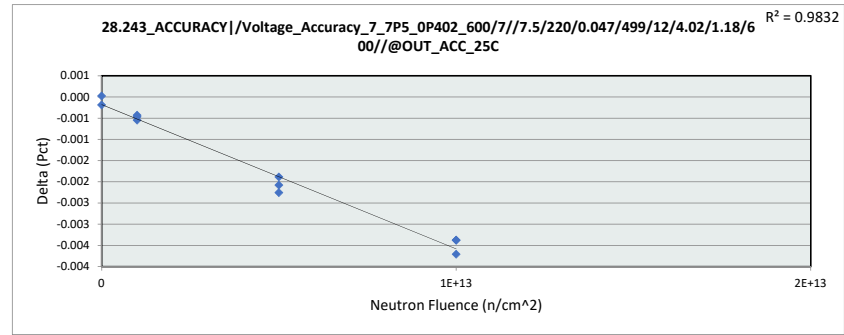
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	0.000	-0.002	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.001	0.002	0.000
UL	0.011	0.011	0.011	0.011



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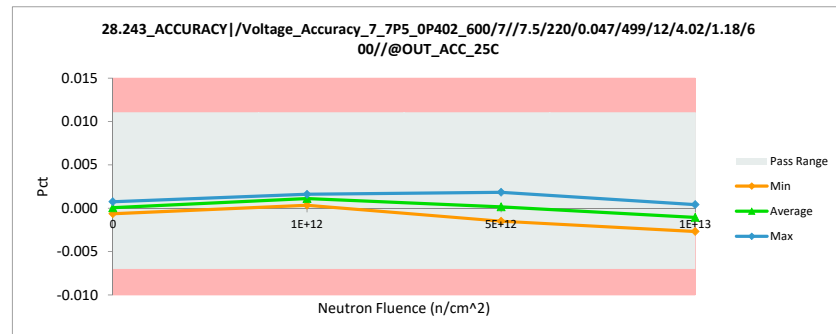
28.243_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	-0.001	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.002	0.000
1E+12	171	0.002	0.001	0.000
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.004	0.002	-0.002
1E+13	175	0.004	0.000	-0.003
1E+13	176	0.002	-0.001	-0.003
1E+13	177	0.001	-0.003	-0.004
Max	0.004	0.002	0.000	
Average	0.002	0.000	-0.002	
Min	0.000	-0.003	-0.004	
Std Dev	0.001	0.001	0.001	



28.243_ACCURACY /Voltage_Accuracy	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	0.011 Pct
Min Limit	-0.007 Pct

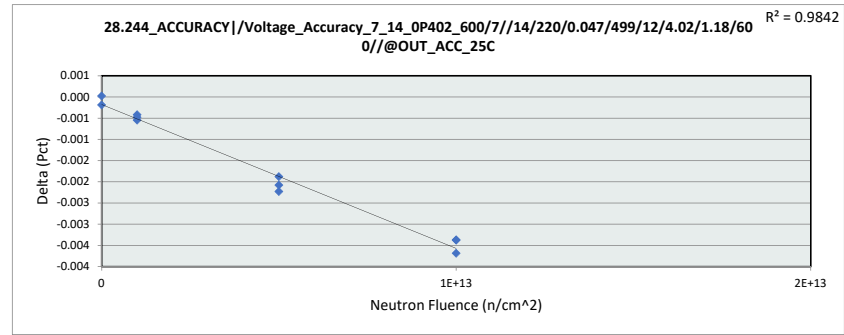
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	0.000	-0.002	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.002	0.002	0.000
UL	0.011	0.011	0.011	0.011



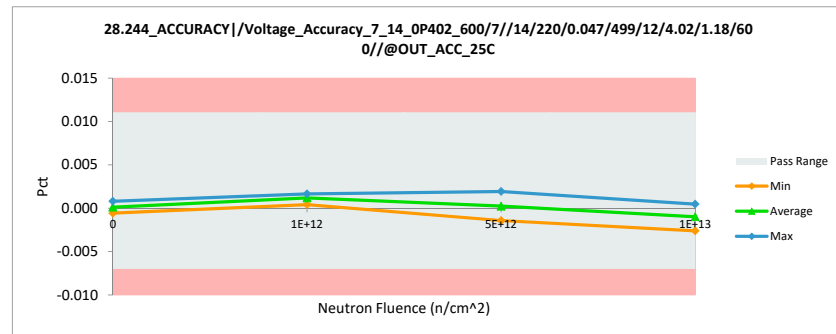
NDD Report TPS7H1111-SP

28.244_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	-0.001	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.002	0.000
1E+12	171	0.002	0.001	0.000
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.000	-0.001	-0.002
5E+12	174	0.004	0.002	-0.002
1E+13	175	0.004	0.000	-0.003
1E+13	176	0.003	-0.001	-0.003
1E+13	177	0.001	-0.003	-0.004
Max		0.004	0.002	0.000
Average		0.002	0.000	-0.002
Min		0.000	-0.003	-0.004
Std Dev		0.001	0.001	0.001



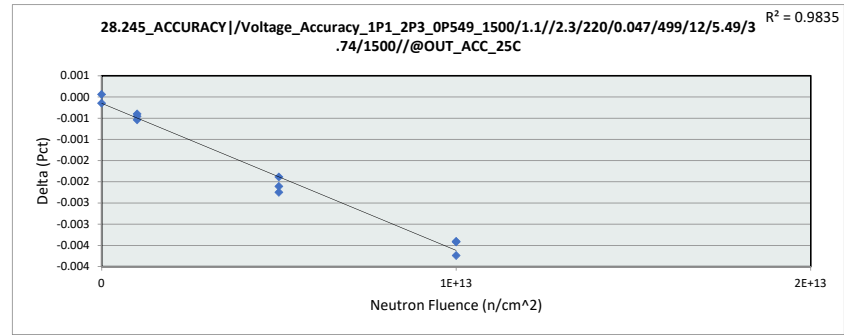
28.244_ACCURACY /Voltage_A				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	0.000	-0.001	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.002	0.002	0.000
UL	0.011	0.011	0.011	0.011



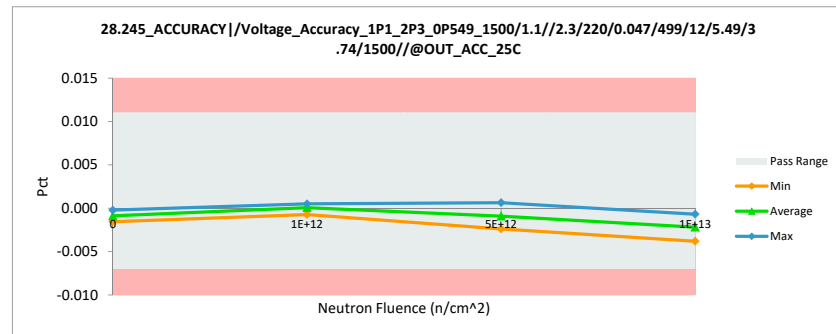
NDD Report TPS7H1111-SP

28.245_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.002	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.000	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	-0.001	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



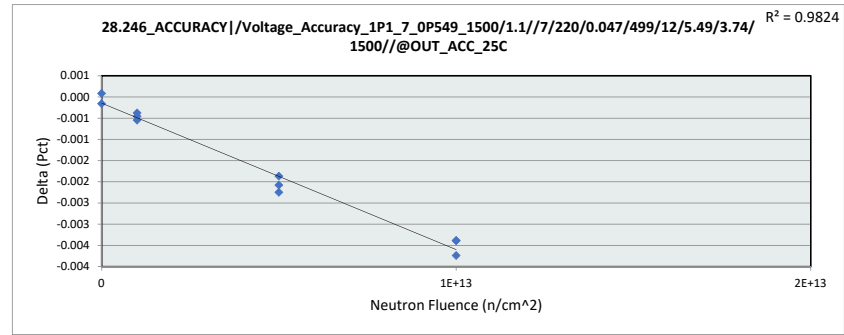
28.245_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.002	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



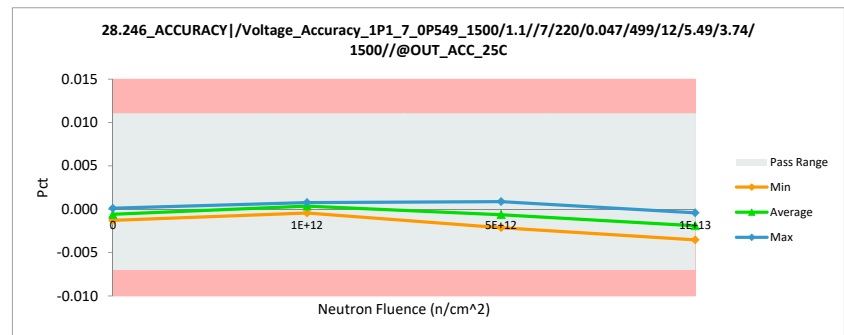
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28.246_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	0.000	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	0.000	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



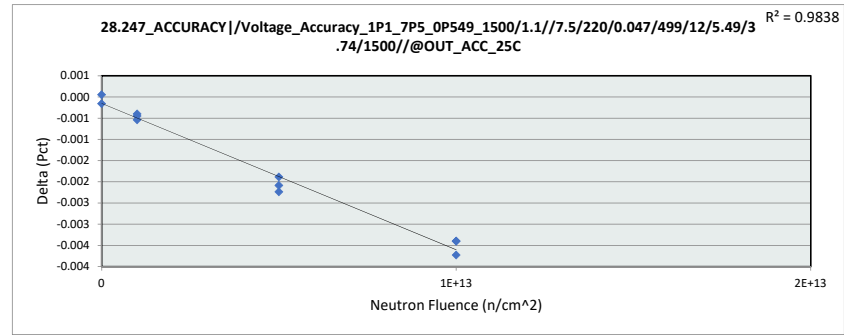
28.246_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	0.000	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



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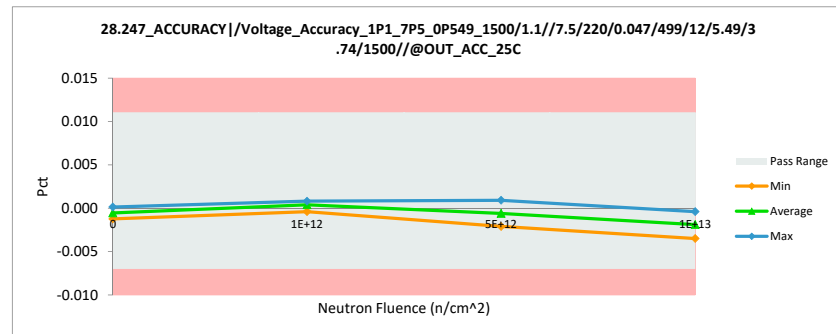
28.247_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	0.000	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	0.000	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.001	-0.004	-0.004
Std Dev		0.001	0.001	0.001



28.247_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

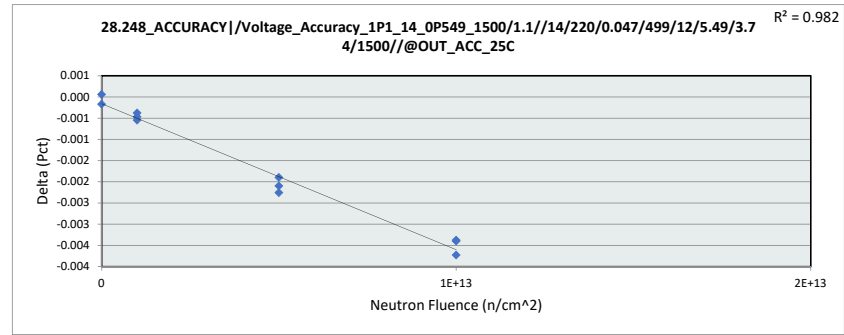
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	0.000	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



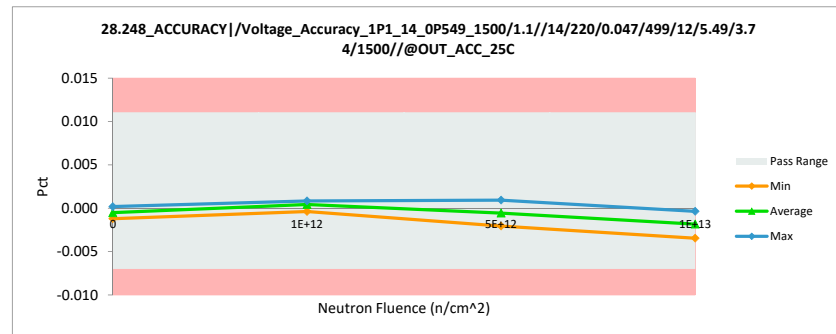
NDD Report TPS7H1111-SP

28.248_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	0.000	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	0.000	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.003	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.001	-0.003	-0.004
Std Dev		0.001	0.001	0.001



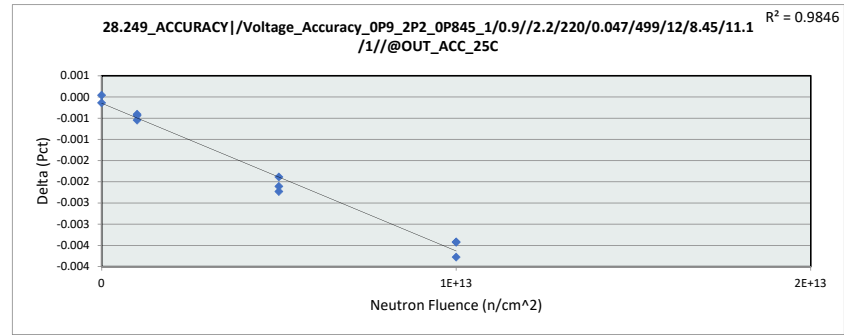
28.248_ACCURACY /Voltage_Accuracy				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	0.000	-0.002	-0.003
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



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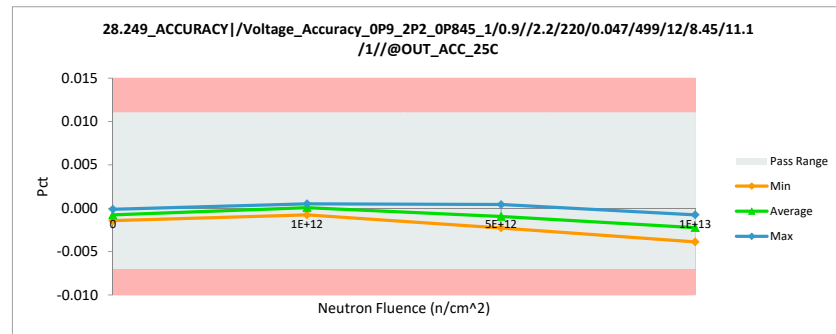
28.249_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.249_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

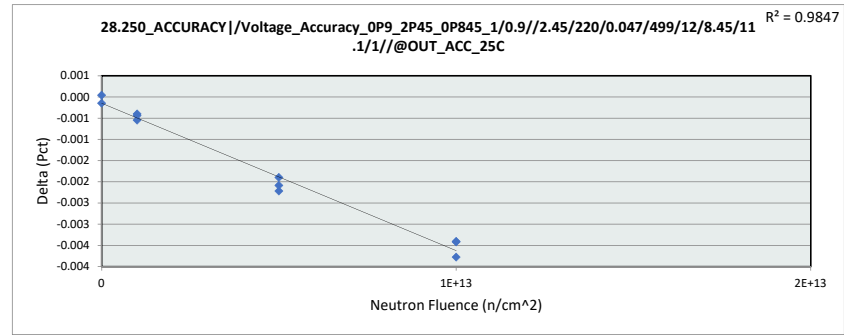
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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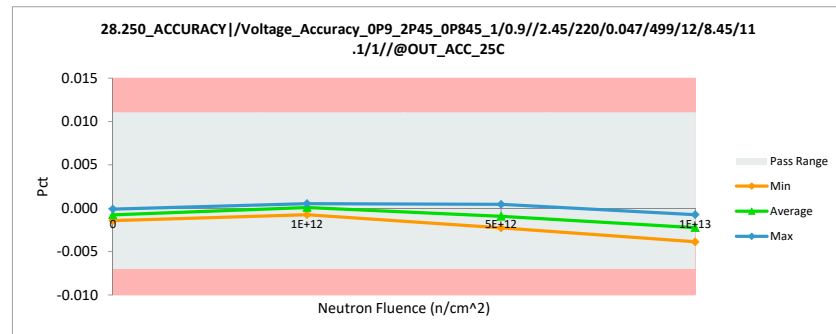
28.250_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.000	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.001	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.250_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

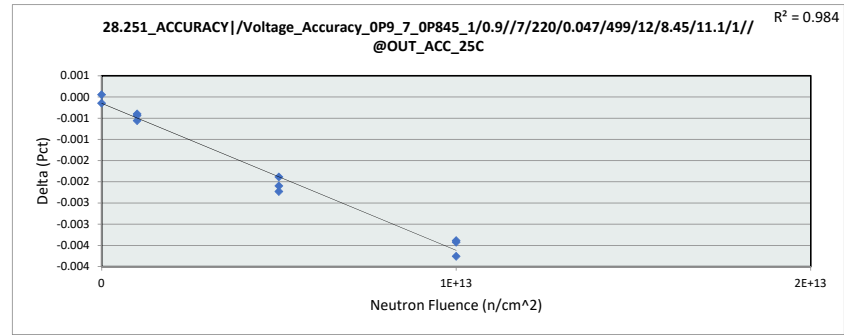
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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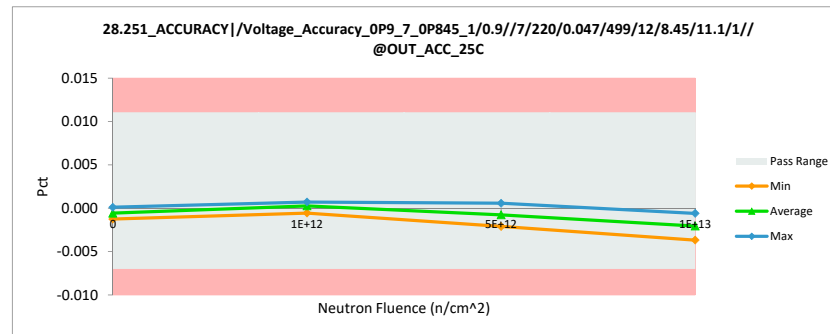
28.251_ACCURACY /Voltage_Ac		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.251_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

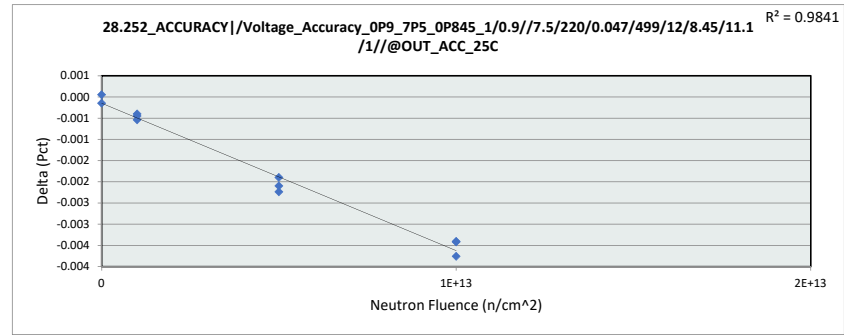
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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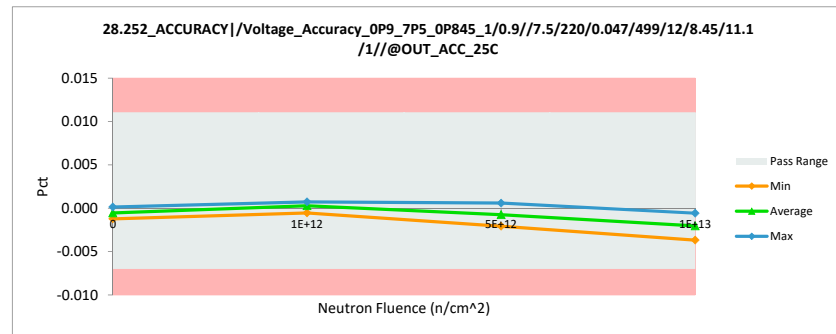
28.252_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.001	-0.004	-0.004
Std Dev		0.001	0.001	0.001



28.252_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

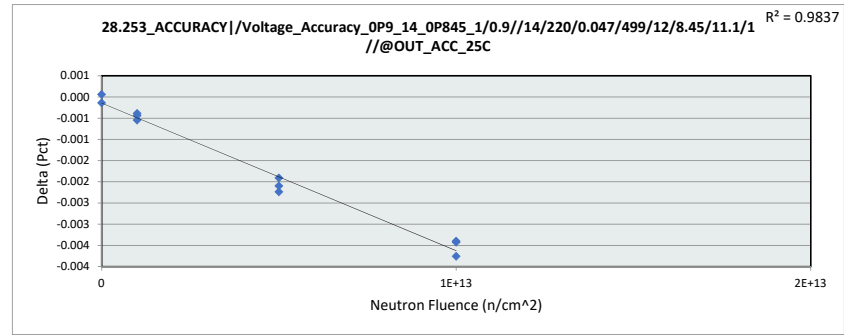
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



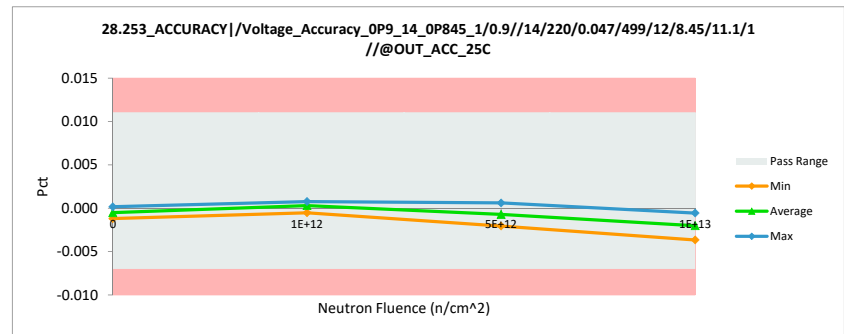
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28.253_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



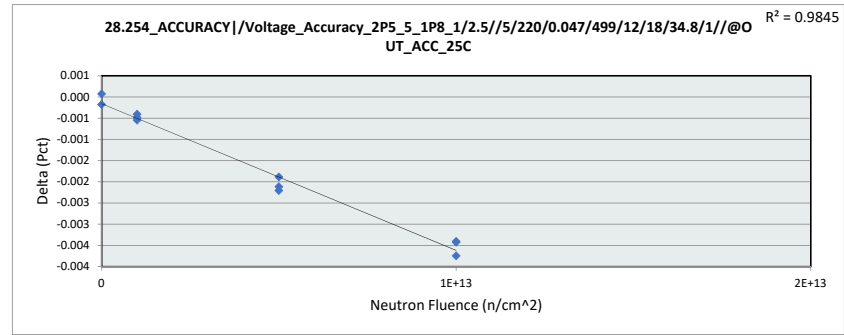
28.253_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	-0.001	-0.002	-0.004
Average	-0.001	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	-0.001
UL	0.011	0.011	0.011	0.011



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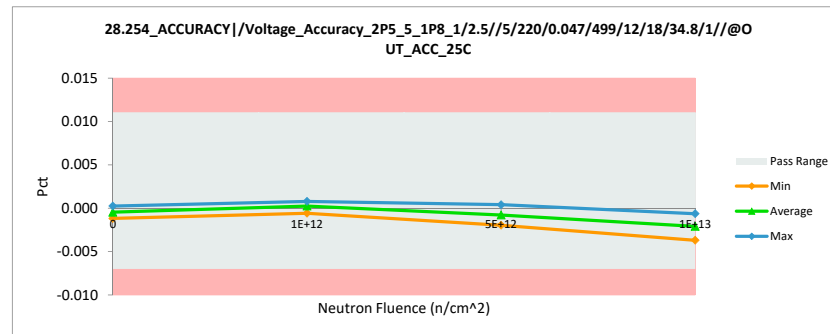
28.254_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.001	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.254_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

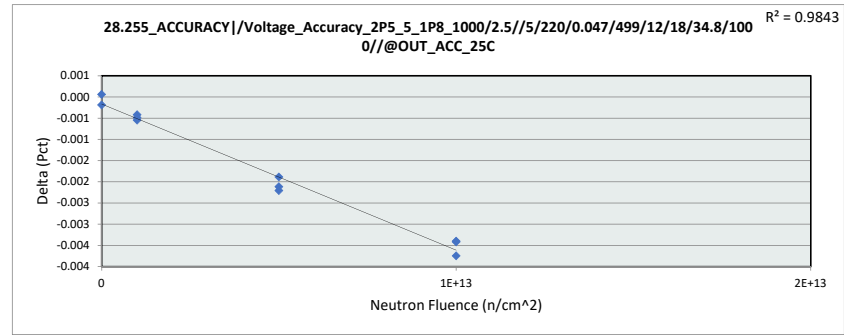
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	-0.001	-0.002	-0.004
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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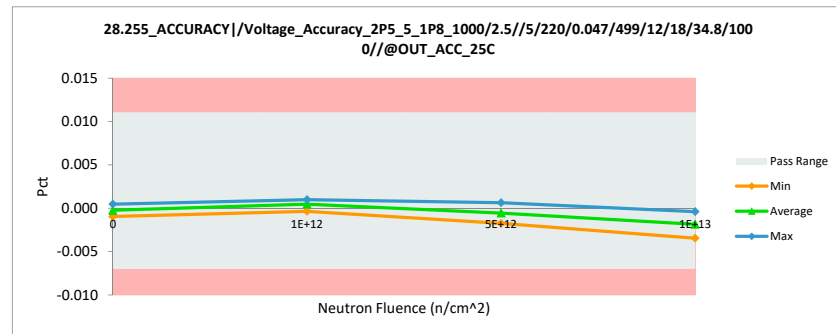
28.255_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.000	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	0.000	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.001	0.001	0.000
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	0.000	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.003	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.001	-0.003	-0.004
Std Dev		0.001	0.001	0.001



28.255_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

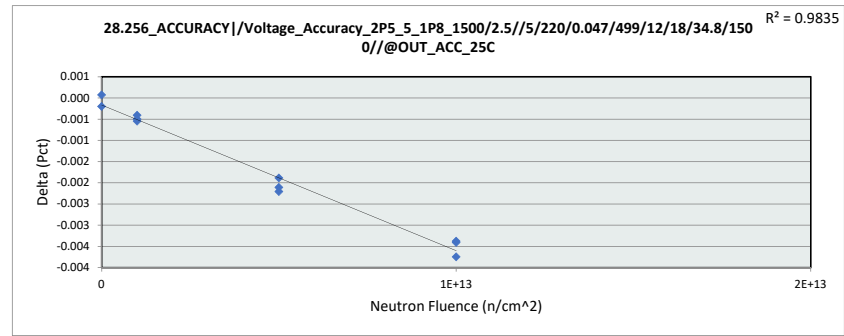
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	0.000	-0.002	-0.003
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



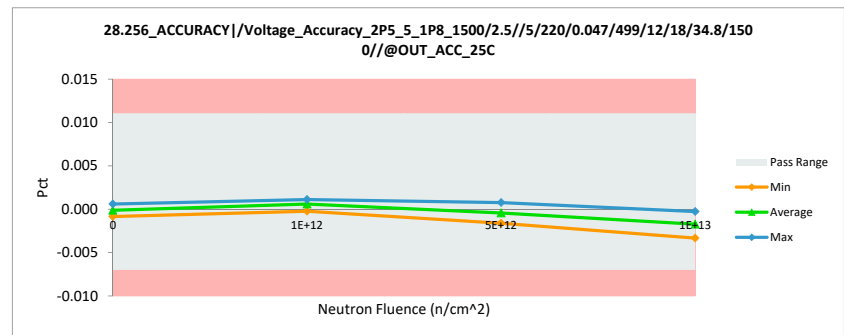
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28.256_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	0.000	-0.001
1E+12	170	0.001	0.001	0.000
1E+12	171	0.002	0.001	0.000
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.003	0.000	-0.003
1E+13	176	0.002	-0.002	-0.003
1E+13	177	0.000	-0.003	-0.004
Max	0.003	0.001	0.000	
Average	0.001	0.000	-0.002	
Min	-0.001	-0.003	-0.004	
Std Dev	0.001	0.001	0.001	



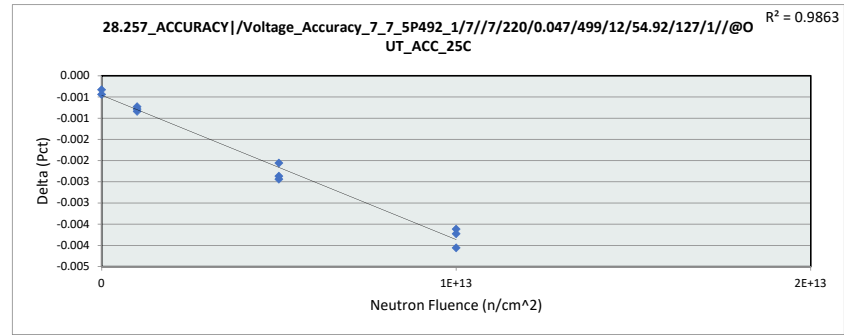
28.256_ACCURACY /Voltage_Acc				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	0.000	-0.002	-0.003
Average	0.000	0.001	0.000	-0.002
Max	0.001	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



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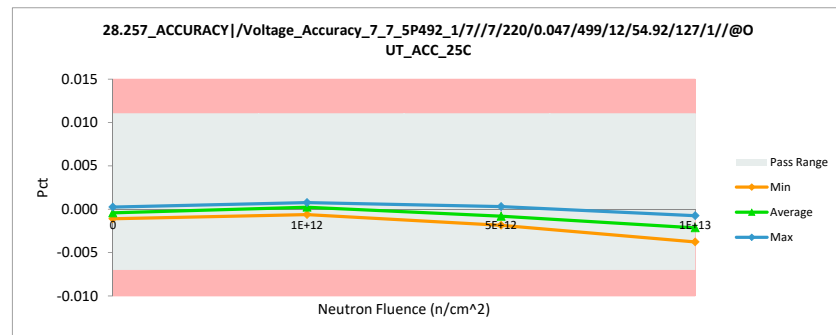
28.257_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.001	0.001	-0.001
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.004
1E+13	176	0.002	-0.002	-0.004
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.001	-0.004	-0.004
Std Dev		0.001	0.001	0.001



28.257_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

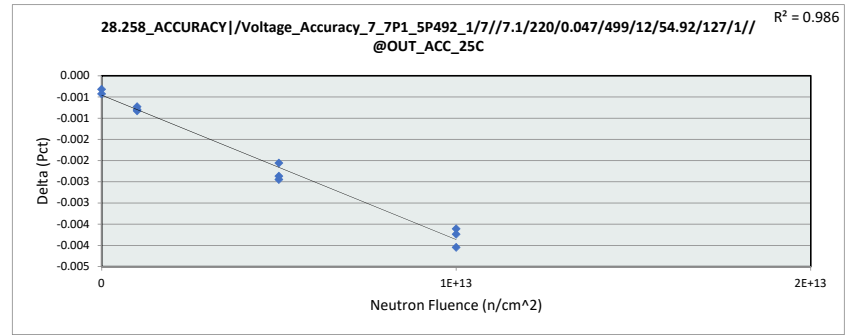
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	-0.001	-0.002	-0.004
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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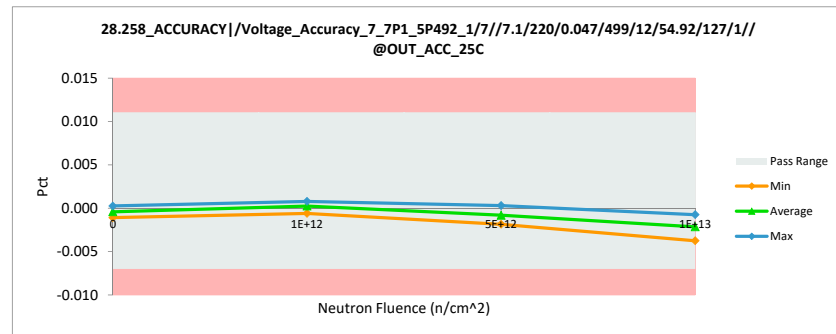
28.258_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.002	0.001	-0.001
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.004
1E+13	176	0.002	-0.002	-0.004
1E+13	177	0.000	-0.004	-0.004
Max		0.003	0.001	0.000
Average		0.001	-0.001	-0.002
Min		-0.001	-0.004	-0.004
Std Dev		0.001	0.001	0.001



28.258_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

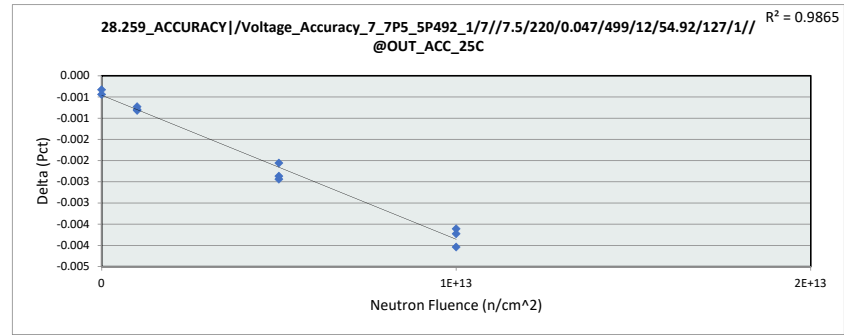
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	-0.001	-0.002	-0.004
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



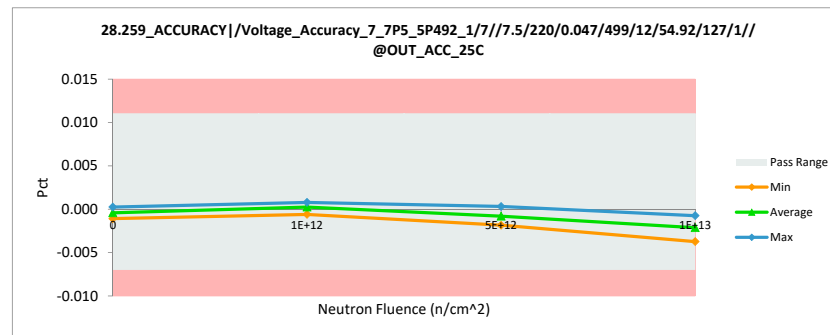
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28.259_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.002	0.001	-0.001
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.004
1E+13	176	0.002	-0.002	-0.004
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



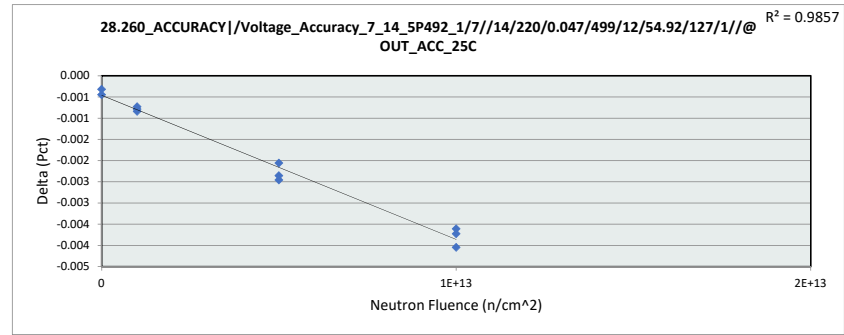
28.259_ACCURACY /Voltage_Accuracy				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	0.011	Pct		
Min Limit	-0.007	Pct		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	-0.001	-0.002	-0.004
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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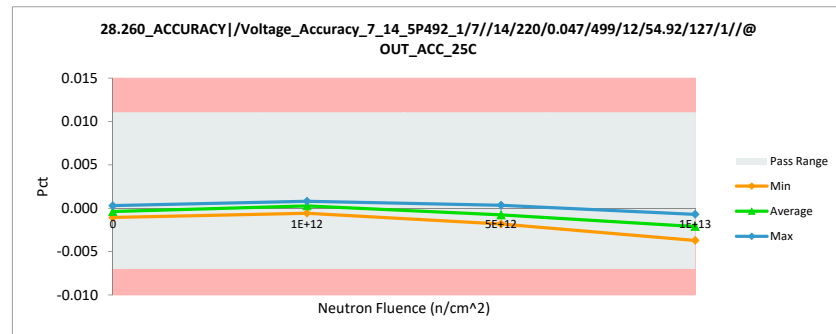
28.260_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.000	0.000
0	287	-0.001	-0.001	0.000
1E+12	169	0.000	-0.001	-0.001
1E+12	170	0.001	0.001	-0.001
1E+12	171	0.002	0.001	-0.001
5E+12	172	0.002	-0.001	-0.002
5E+12	173	0.000	-0.002	-0.002
5E+12	174	0.003	0.000	-0.002
1E+13	175	0.003	-0.001	-0.004
1E+13	176	0.002	-0.002	-0.004
1E+13	177	0.000	-0.004	-0.004
Max	0.003	0.001	0.000	
Average	0.001	-0.001	-0.002	
Min	-0.001	-0.004	-0.004	
Std Dev	0.001	0.001	0.001	



28.260_ACCURACY /Voltage_Accuracy		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

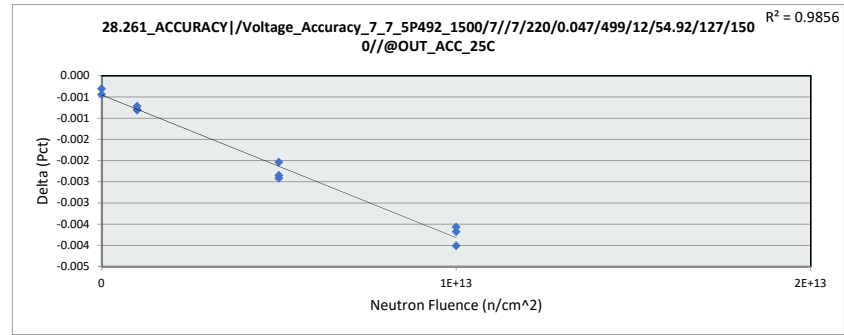
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	-0.001	-0.001	-0.002	-0.004
Average	0.000	0.000	-0.001	-0.002
Max	0.000	0.001	0.000	-0.001
UL	0.011	0.011	0.011	0.011



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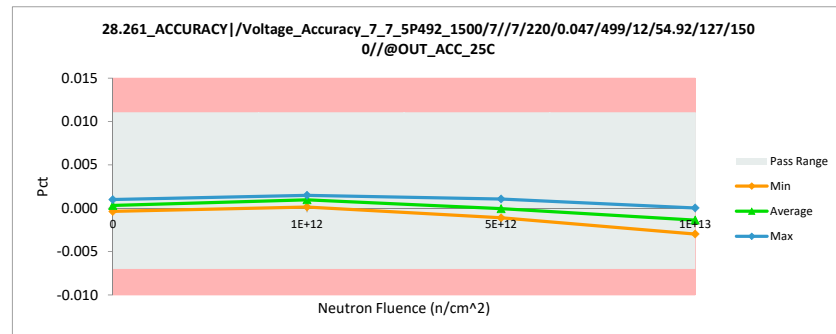
28.261_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	0.000	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.001	-0.001
1E+12	171	0.002	0.001	-0.001
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.001	-0.001	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.004	0.000	-0.004
1E+13	176	0.002	-0.001	-0.004
1E+13	177	0.001	-0.003	-0.004
Max		0.004	0.001	0.000
Average		0.002	0.000	-0.002
Min		0.000	-0.003	-0.004
Std Dev		0.001	0.001	0.001



28.261_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

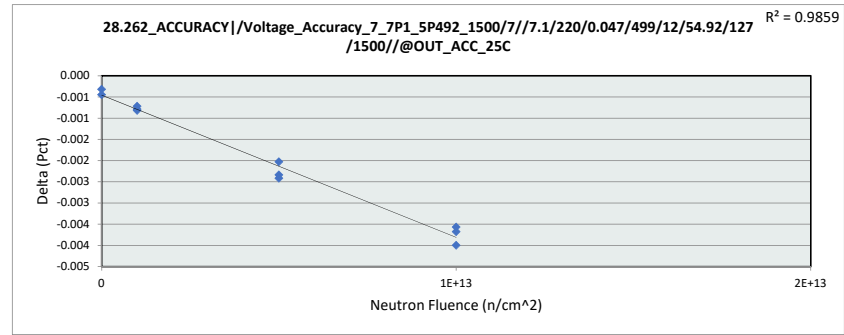
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	0.000	0.000	-0.001	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.001	0.001	0.000
UL	0.011	0.011	0.011	0.011



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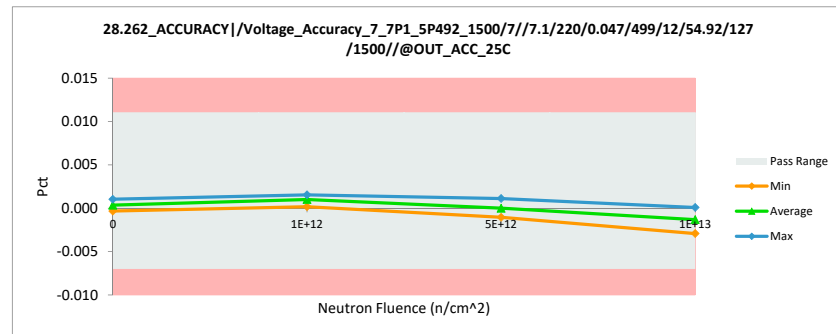
28.262_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	0.000	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.001	-0.001
1E+12	171	0.002	0.002	-0.001
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.001	-0.001	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.004	0.000	-0.004
1E+13	176	0.002	-0.001	-0.004
1E+13	177	0.001	-0.003	-0.004
Max		0.004	0.002	0.000
Average		0.002	0.000	-0.002
Min		0.000	-0.003	-0.004
Std Dev		0.001	0.001	0.001



28.262_ACCURACY /Voltage_A	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	0.011 Pct
Min Limit	-0.007 Pct

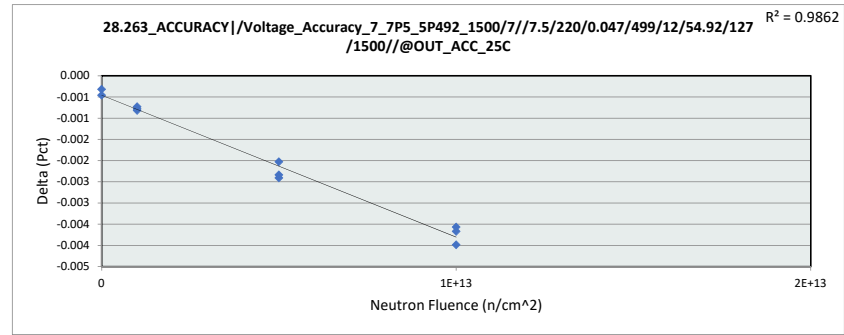
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	0.000	0.000	-0.001	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.002	0.001	0.000
UL	0.011	0.011	0.011	0.011



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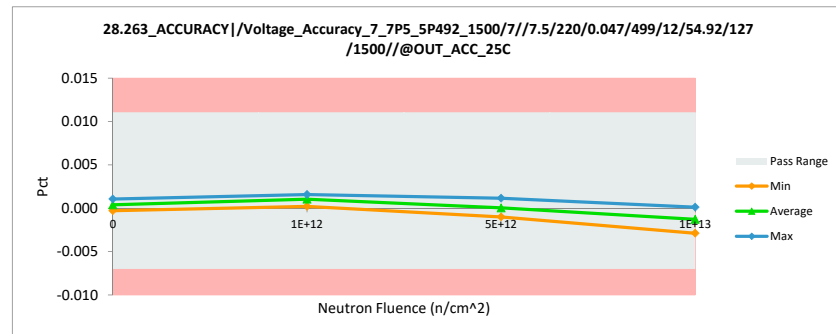
28.263_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	0.000	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.001	-0.001
1E+12	171	0.002	0.002	-0.001
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.001	-0.001	-0.002
5E+12	174	0.003	0.001	-0.002
1E+13	175	0.004	0.000	-0.004
1E+13	176	0.003	-0.001	-0.004
1E+13	177	0.001	-0.003	-0.004
Max		0.004	0.002	0.000
Average		0.002	0.000	-0.002
Min		0.000	-0.003	-0.004
Std Dev		0.001	0.001	0.001



28.263_ACCURACY /Voltage_A	
Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	0.011 Pct
Min Limit	-0.007 Pct

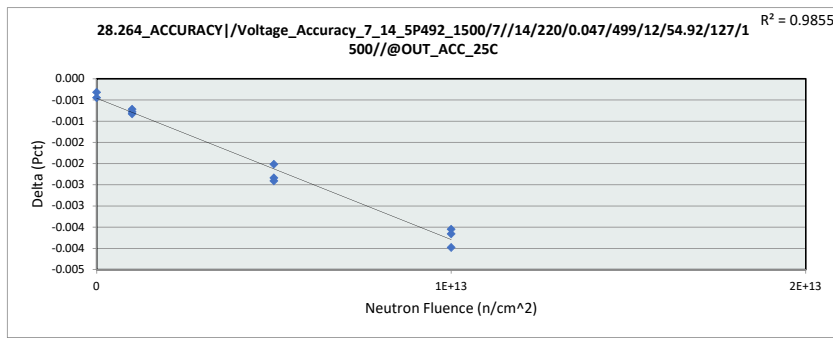
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	0.000	0.000	-0.001	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.002	0.001	0.000
UL	0.011	0.011	0.011	0.011



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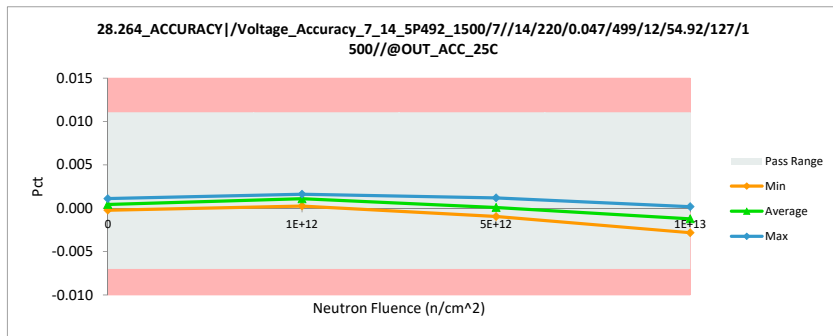
28.264_ACCURACY /Voltage_Acc		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	Pct	Pct
Max Limit	0.011	0.011
Min Limit	-0.007	-0.007

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.001	0.001	0.000
0	287	0.000	0.000	0.000
1E+12	169	0.001	0.000	-0.001
1E+12	170	0.002	0.001	-0.001
1E+12	171	0.002	0.002	-0.001
5E+12	172	0.002	0.000	-0.002
5E+12	173	0.001	-0.001	-0.002
5E+12	174	0.004	0.001	-0.002
1E+13	175	0.004	0.000	-0.004
1E+13	176	0.003	-0.001	-0.004
1E+13	177	0.001	-0.003	-0.004
Max	0.004	0.002	0.000	
Average	0.002	0.000	-0.002	
Min	0.000	-0.003	-0.004	
Std Dev	0.001	0.001	0.001	



28.264_ACCURACY /Voltage_A		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	0.011	Pct
Min Limit	-0.007	Pct

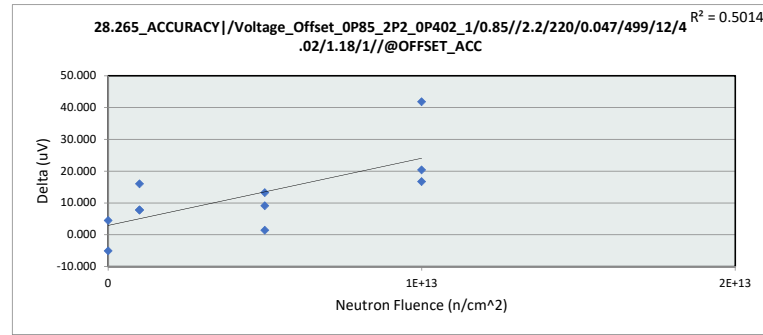
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-0.007	-0.007	-0.007	-0.007
Min	0.000	0.000	-0.001	-0.003
Average	0.000	0.001	0.000	-0.001
Max	0.001	0.002	0.001	0.000
UL	0.011	0.011	0.011	0.011



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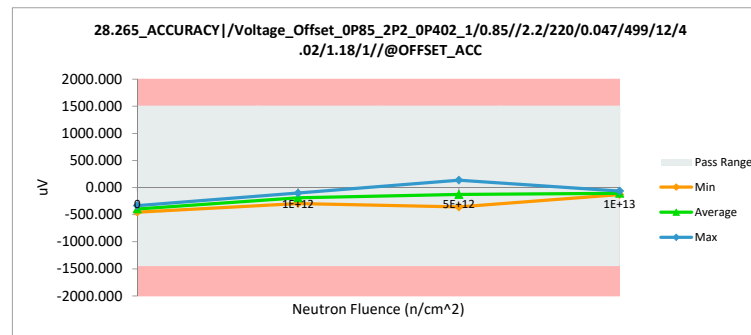
28.265_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-450.526	-455.621	-5.095
0	287	-339.097	-334.609	4.488
1E+12	169	-185.165	-177.367	7.798
1E+12	170	-117.838	-101.843	15.995
1E+12	171	-303.116	-295.354	7.762
5E+12	172	-178.672	-165.451	13.221
5E+12	173	-360.674	-359.257	1.417
5E+12	174	127.271	136.386	9.115
1E+13	175	-82.949	-66.234	16.715
1E+13	176	-146.790	-126.417	20.373
1E+13	177	-170.584	-128.800	41.784
Max	127.271	136.386	41.784	
Average	-200.740	-188.597	12.143	
Min	-450.526	-455.621	-5.095	
Std Dev	158.267	164.122	12.253	



28.265_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

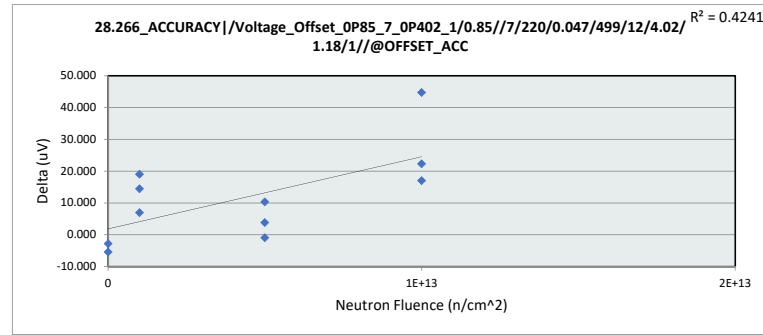
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-455.621	-295.354	-359.257	-128.800
Average	-395.115	-191.521	-129.441	-107.150
Max	-334.609	-101.843	136.386	-66.234
UL	1500.000	1500.000	1500.000	1500.000



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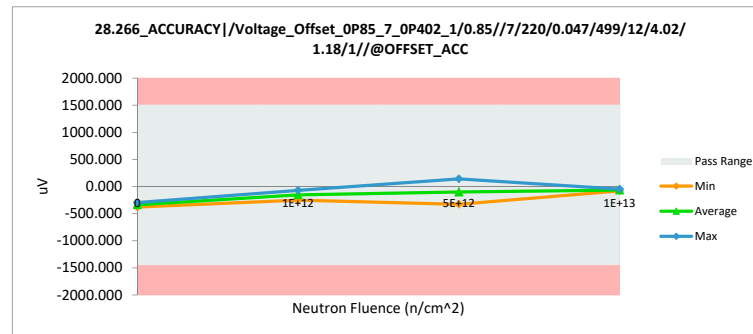
28.266_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-373.679	-376.509	-2.830
0	287	-288.972	-294.435	-5.463
1E+12	169	-143.947	-137.021	6.926
1E+12	170	-90.115	-71.095	19.020
1E+12	171	-267.926	-253.490	14.436
5E+12	172	-132.620	-122.301	10.319
5E+12	173	-326.668	-327.654	-0.986
5E+12	174	138.800	142.621	3.821
1E+13	175	-64.805	-47.784	17.021
1E+13	176	-102.007	-79.714	22.293
1E+13	177	-115.532	-70.819	44.713
	Max	138.800	142.621	44.713
	Average	-160.679	-148.927	11.752
	Min	-373.679	-376.509	-5.463
	Std Dev	145.358	151.285	14.300



28.266_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

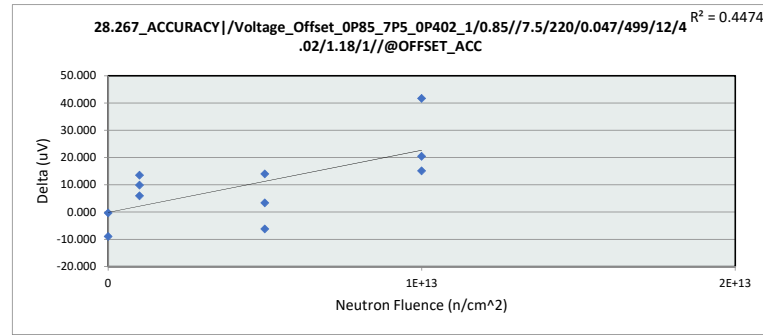
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-376.509	-253.490	-327.654	-79.714
Average	-335.472	-153.869	-102.445	-66.106
Max	-294.435	-71.095	142.621	-47.784
UL	1500.000	1500.000	1500.000	1500.000



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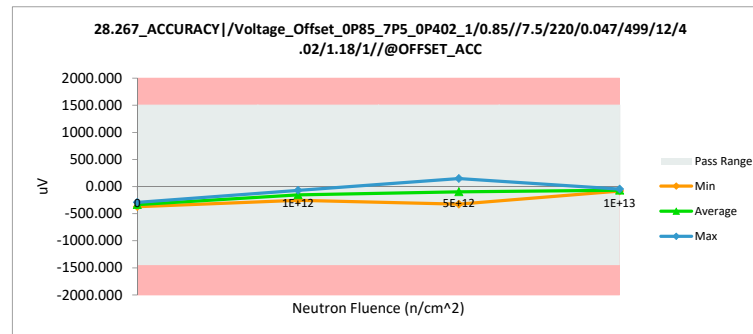
28.267_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-372.490	-372.855	-0.365
0	287	-284.223	-293.240	-9.017
1E+12	169	-142.249	-136.337	5.912
1E+12	170	-85.449	-71.937	13.512
1E+12	171	-263.855	-253.989	9.866
5E+12	172	-126.940	-112.955	13.985
5E+12	173	-320.140	-326.377	-6.237
5E+12	174	143.459	146.775	3.316
1E+13	175	-62.768	-47.696	15.072
1E+13	176	-103.192	-82.766	20.426
1E+13	177	-113.669	-72.004	41.665
	Max	143.459	146.775	41.665
	Average	-157.411	-147.580	9.830
	Min	-372.490	-372.855	-9.017
	Std Dev	145.197	151.274	13.997



28.267_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Max Limit	1500	uV
Min Limit	-1450	uV

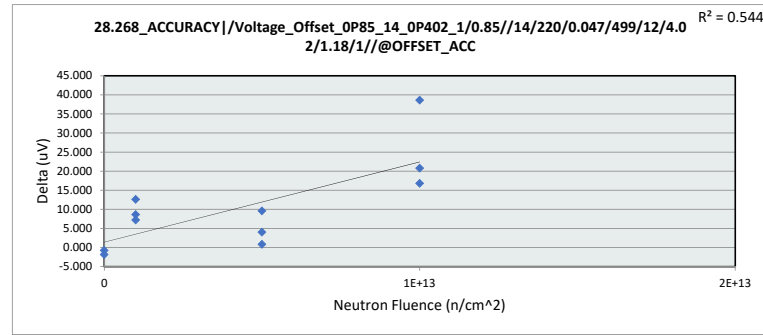
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-372.855	-253.989	-326.377	-82.766
Average	-333.048	-154.088	-97.519	-67.489
Max	-293.240	-71.937	146.775	-47.696
UL	1500.000	1500.000	1500.000	1500.000



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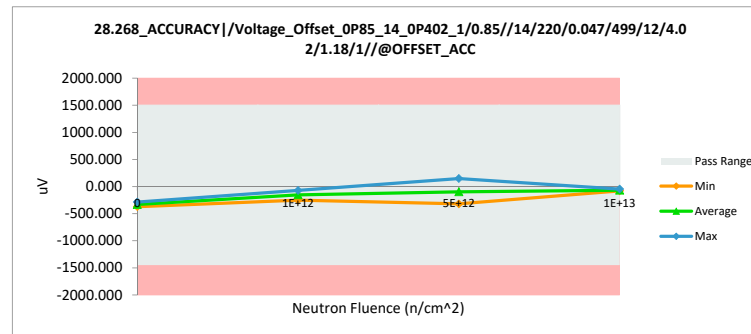
28.268_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-370.964	-372.848	-1.884
0	287	-286.341	-287.132	-0.791
1E+12	169	-141.405	-134.213	7.192
1E+12	170	-85.872	-73.290	12.582
1E+12	171	-262.158	-253.560	8.598
5E+12	172	-130.588	-121.015	9.573
5E+12	173	-322.007	-321.200	0.807
5E+12	174	142.953	146.949	3.996
1E+13	175	-64.723	-47.949	16.774
1E+13	176	-101.414	-80.638	20.776
1E+13	177	-111.116	-72.509	38.607
Max	142.953	146.949	38.607	
Average	-157.603	-147.037	10.566	
Min	-370.964	-372.848	-1.884	
Std Dev	145.077	149.929	11.712	



28.268_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

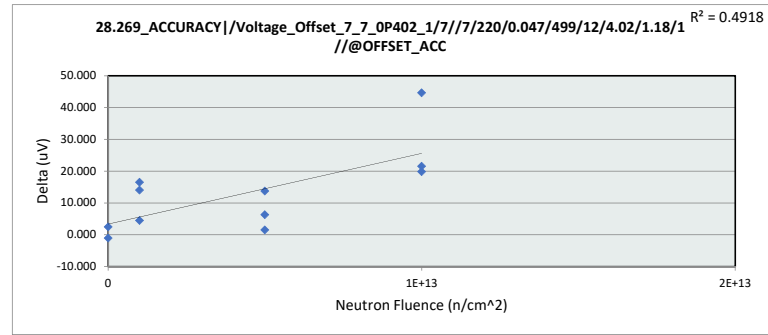
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-372.848	-253.560	-321.200	-80.638
Average	-329.990	-153.688	-98.422	-67.032
Max	-287.132	-73.290	146.949	-47.949
UL	1500.000	1500.000	1500.000	1500.000



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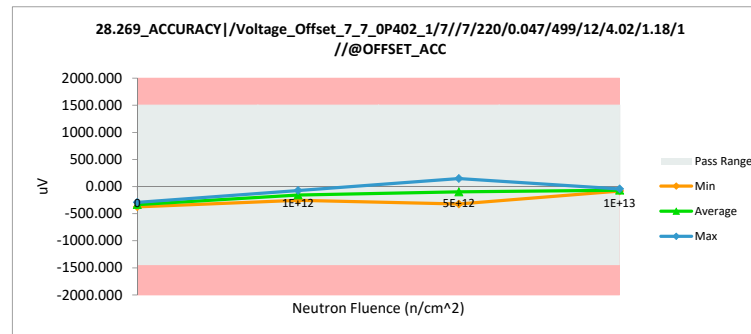
28.269_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-377.409	-374.977	2.432
0	287	-291.690	-292.742	-1.052
1E+12	169	-142.583	-138.117	4.466
1E+12	170	-91.381	-74.907	16.474
1E+12	171	-270.134	-256.106	14.028
5E+12	172	-133.806	-120.087	13.719
5E+12	173	-325.224	-323.749	1.475
5E+12	174	140.491	146.776	6.285
1E+13	175	-65.395	-45.572	19.823
1E+13	176	-103.785	-82.256	21.529
1E+13	177	-117.145	-72.506	44.639
Max	140.491	146.776	44.639	
Average	-161.642	-148.568	13.074	
Min	-377.409	-374.977	-1.052	
Std Dev	146.269	151.217	13.015	



28.269_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

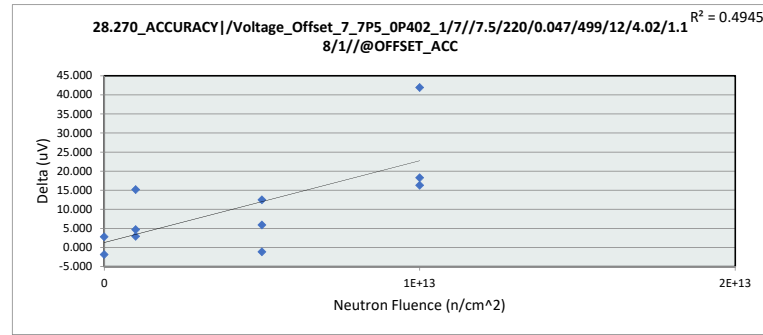
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-374.977	-256.106	-323.749	-82.256
Average	-333.860	-156.377	-99.020	-66.778
Max	-292.742	-74.907	146.776	-45.572
UL	1500.000	1500.000	1500.000	1500.000



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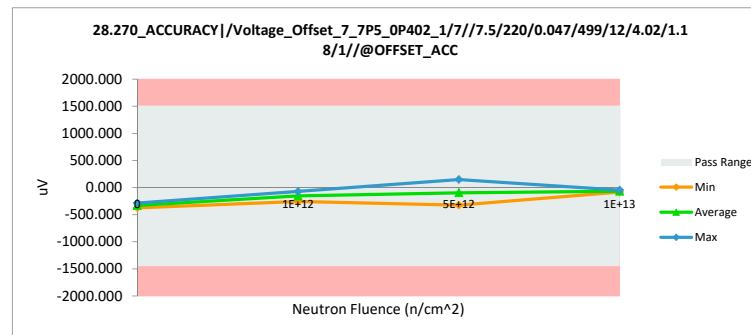
28.270_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-371.556	-373.442	-1.886
0	287	-289.057	-286.281	2.776
1E+12	169	-137.927	-133.274	4.653
1E+12	170	-88.502	-73.372	15.130
1E+12	171	-261.906	-258.988	2.918
5E+12	172	-130.166	-117.707	12.459
5E+12	173	-323.865	-325.021	-1.156
5E+12	174	142.270	148.144	5.874
1E+13	175	-63.364	-47.094	16.270
1E+13	176	-100.738	-82.505	18.233
1E+13	177	-115.277	-73.361	41.916
	Max	142.270	148.144	41.916
	Average	-158.190	-147.536	10.653
	Min	-371.556	-373.442	-1.886
	Std Dev	145.368	151.012	12.518



28.270_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

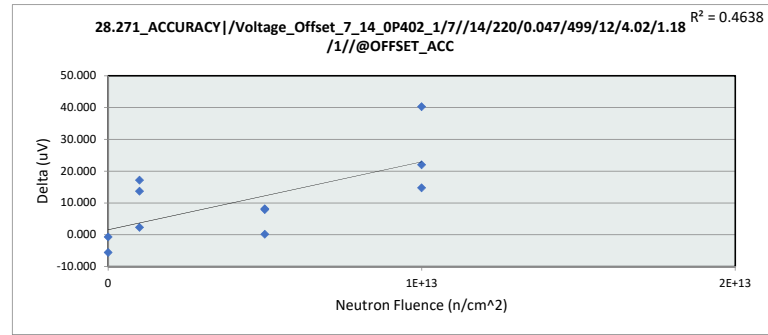
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-373.442	-258.988	-325.021	-82.505
Average	-329.862	-155.211	-98.195	-67.653
Max	-286.281	-73.372	148.144	-47.094
UL	1500.000	1500.000	1500.000	1500.000



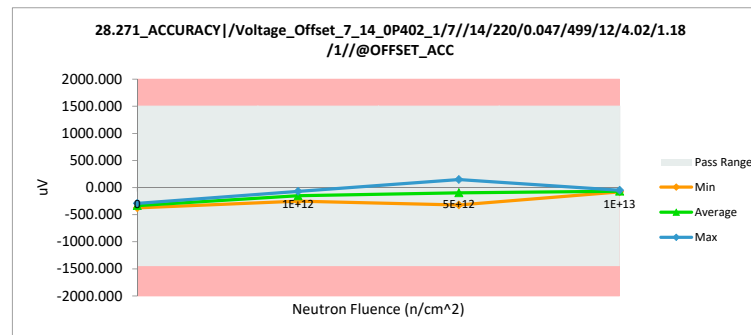
NDD Report TPS7H1111-SP

28.271_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-374.357	-375.055	-0.698
0	287	-285.839	-291.450	-5.611
1E+12	169	-138.946	-136.662	2.284
1E+12	170	-88.161	-70.995	17.166
1E+12	171	-265.634	-251.944	13.690
5E+12	172	-127.964	-119.825	8.139
5E+12	173	-322.345	-322.209	0.136
5E+12	174	140.491	148.402	7.911
1E+13	175	-65.230	-50.482	14.748
1E+13	176	-100.735	-78.772	21.963
1E+13	177	-111.973	-71.742	40.231
Max	140.491	148.402	40.231	
Average	-158.245	-147.339	10.905	
Min	-374.357	-375.055	-5.611	
Std Dev	145.255	151.031	12.878	



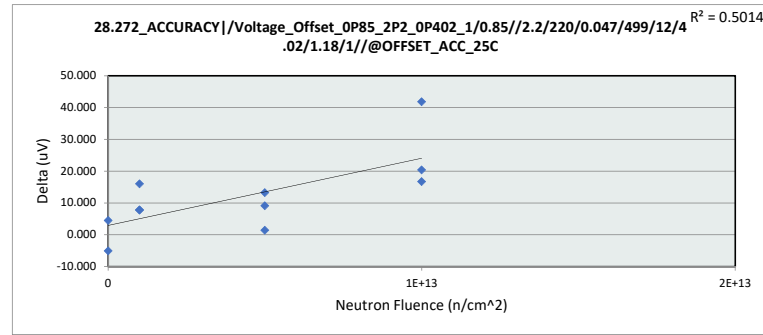
28.271_ACCURACY /Voltage_Offset				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1500	uV		
Min Limit	-1450	uV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-375.055	-251.944	-322.209	-78.772
Average	-333.253	-153.200	-97.877	-66.999
Max	-291.450	-70.995	148.402	-50.482
UL	1500.000	1500.000	1500.000	1500.000



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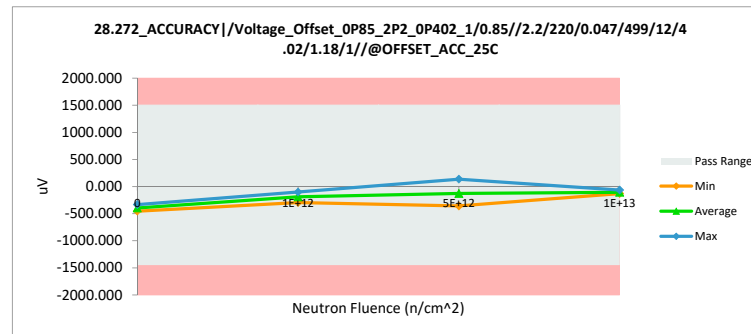
28.272_ACCURACY /Voltage Off		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-450.526	-455.621	-5.095
0	287	-339.097	-334.609	4.488
1E+12	169	-185.165	-177.367	7.798
1E+12	170	-117.838	-101.843	15.995
1E+12	171	-303.116	-295.354	7.762
5E+12	172	-178.672	-165.451	13.221
5E+12	173	-360.674	-359.257	1.417
5E+12	174	127.271	136.386	9.115
1E+13	175	-82.949	-66.234	16.715
1E+13	176	-146.790	-126.417	20.373
1E+13	177	-170.584	-128.800	41.784
Max	127.271	136.386	41.784	
Average	-200.740	-188.597	12.143	
Min	-450.526	-455.621	-5.095	
Std Dev	158.267	164.122	12.253	



28.272_ACCURACY /Voltage Off		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

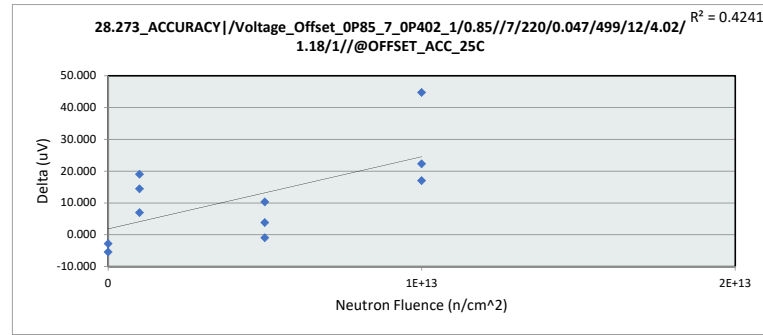
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-455.621	-295.354	-359.257	-128.800
Average	-395.115	-191.521	-129.441	-107.150
Max	-334.609	-101.843	136.386	-66.234
UL	1500.000	1500.000	1500.000	1500.000



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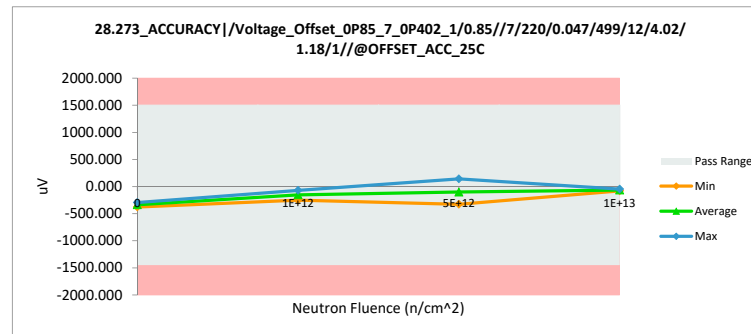
28.273_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-373.679	-376.509	-2.830
0	287	-288.972	-294.435	-5.463
1E+12	169	-143.947	-137.021	6.926
1E+12	170	-90.115	-71.095	19.020
1E+12	171	-267.926	-253.490	14.436
5E+12	172	-132.620	-122.301	10.319
5E+12	173	-326.668	-327.654	-0.986
5E+12	174	138.800	142.621	3.821
1E+13	175	-64.805	-47.784	17.021
1E+13	176	-102.007	-79.714	22.293
1E+13	177	-115.532	-70.819	44.713
Max	138.800	142.621	44.713	
Average	-160.679	-148.927	11.752	
Min	-373.679	-376.509	-5.463	
Std Dev	145.358	151.285	14.300	



28.273_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Max Limit	1500	uV
Min Limit	-1450	uV

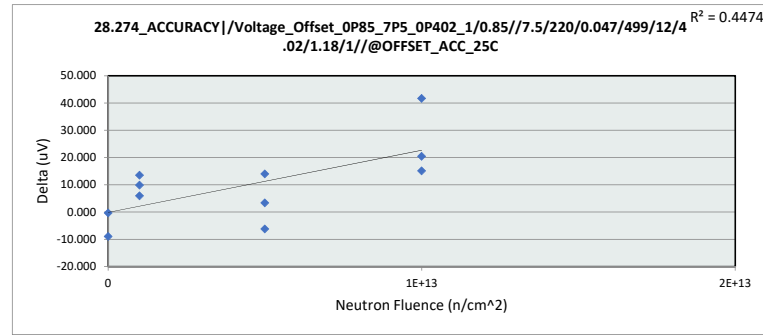
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-376.509	-253.490	-327.654	-79.714
Average	-335.472	-153.869	-102.445	-66.106
Max	-294.435	-71.095	142.621	-47.784
UL	1500.000	1500.000	1500.000	1500.000



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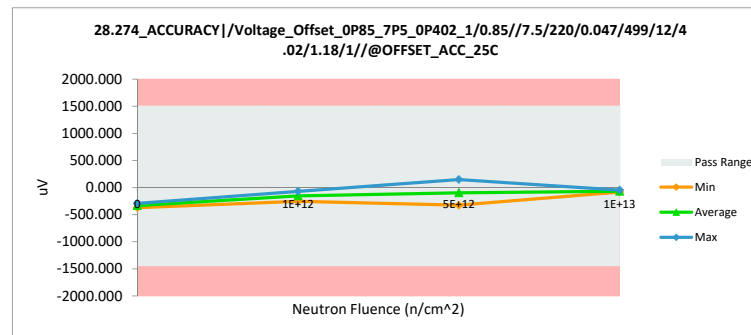
28.274_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-372.490	-372.855	-0.365
0	287	-284.223	-293.240	-9.017
1E+12	169	-142.249	-136.337	5.912
1E+12	170	-85.449	-71.937	13.512
1E+12	171	-263.855	-253.989	9.866
5E+12	172	-126.940	-112.955	13.985
5E+12	173	-320.140	-326.377	-6.237
5E+12	174	143.459	146.775	3.316
1E+13	175	-62.768	-47.696	15.072
1E+13	176	-103.192	-82.766	20.426
1E+13	177	-113.669	-72.004	41.665
	Max	143.459	146.775	41.665
	Average	-157.411	-147.580	9.830
	Min	-372.490	-372.855	-9.017
	Std Dev	145.197	151.274	13.997



28.274_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Max Limit	1500	uV
Min Limit	-1450	uV

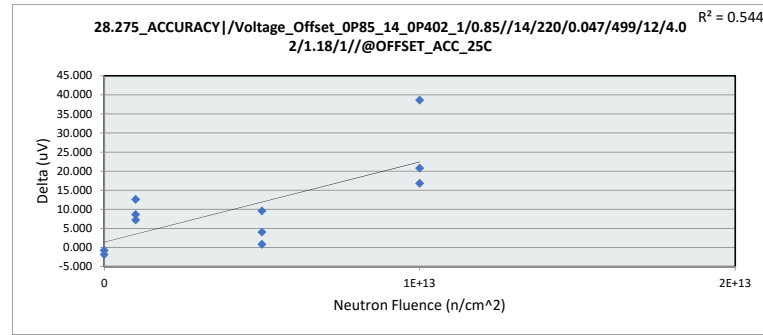
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-372.855	-253.989	-326.377	-82.766
Average	-333.048	-154.088	-97.519	-67.489
Max	-293.240	-71.937	146.775	-47.696
UL	1500.000	1500.000	1500.000	1500.000



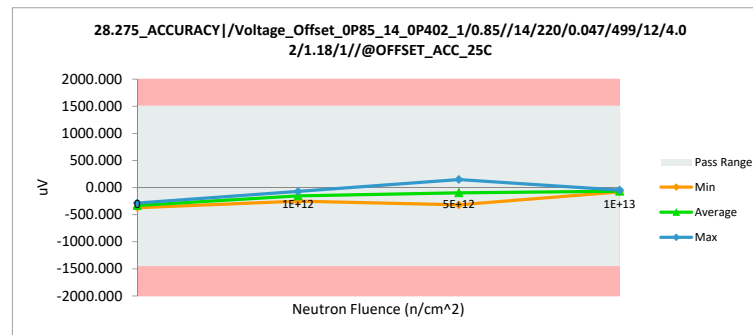
NDD Report TPS7H1111-SP

28.275_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-370.964	-372.848	-1.884
0	287	-286.341	-287.132	-0.791
1E+12	169	-141.405	-134.213	7.192
1E+12	170	-85.872	-73.290	12.582
1E+12	171	-262.158	-253.560	8.598
5E+12	172	-130.588	-121.015	9.573
5E+12	173	-322.007	-321.200	0.807
5E+12	174	142.953	146.949	3.996
1E+13	175	-64.723	-47.949	16.774
1E+13	176	-101.414	-80.638	20.776
1E+13	177	-111.116	-72.509	38.607
Max	142.953	146.949	38.607	
Average	-157.603	-147.037	10.566	
Min	-370.964	-372.848	-1.884	
Std Dev	145.077	149.929	11.712	



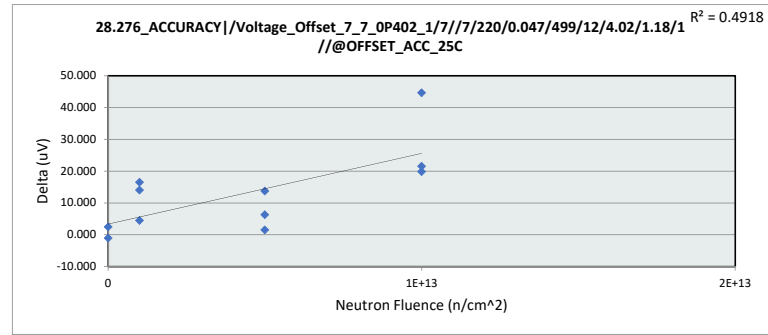
28.275_ACCURACY /Voltage_Offset				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1500	uV		
Min Limit	-1450	uV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-372.848	-253.560	-321.200	-80.638
Average	-329.990	-153.688	-98.422	-67.032
Max	-287.132	-73.290	146.949	-47.949
UL	1500.000	1500.000	1500.000	1500.000



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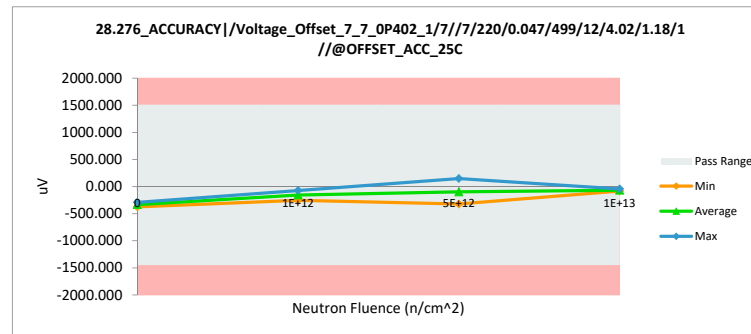
28.276_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-377.409	-374.977	2.432
0	287	-291.690	-292.742	-1.052
1E+12	169	-142.583	-138.117	4.466
1E+12	170	-91.381	-74.907	16.474
1E+12	171	-270.134	-256.106	14.028
5E+12	172	-133.806	-120.087	13.719
5E+12	173	-325.224	-323.749	1.475
5E+12	174	140.491	146.776	6.285
1E+13	175	-65.395	-45.572	19.823
1E+13	176	-103.785	-82.256	21.529
1E+13	177	-117.145	-72.506	44.639
	Max	140.491	146.776	44.639
	Average	-161.642	-148.568	13.074
	Min	-377.409	-374.977	-1.052
	Std Dev	146.269	151.217	13.015



28.276_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

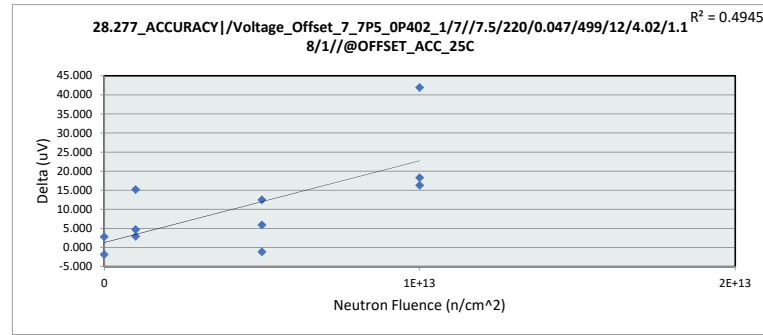
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-374.977	-256.106	-323.749	-82.256
Average	-333.860	-156.377	-99.020	-66.778
Max	-292.742	-74.907	146.776	-45.572
UL	1500.000	1500.000	1500.000	1500.000



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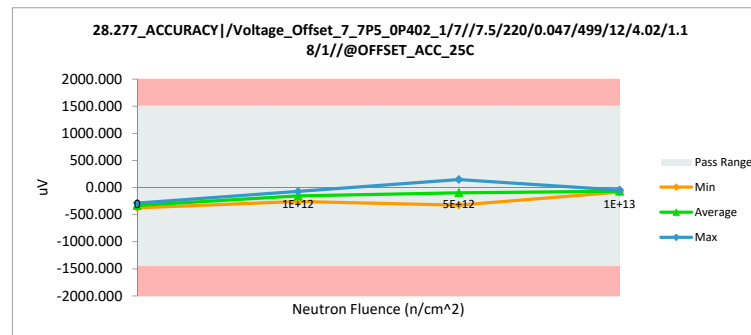
28.277_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-371.556	-373.442	-1.886
0	287	-289.057	-286.281	2.776
1E+12	169	-137.927	-133.274	4.653
1E+12	170	-88.502	-73.372	15.130
1E+12	171	-261.906	-258.988	2.918
5E+12	172	-130.166	-117.707	12.459
5E+12	173	-323.865	-325.021	-1.156
5E+12	174	142.270	148.144	5.874
1E+13	175	-63.364	-47.094	16.270
1E+13	176	-100.738	-82.505	18.233
1E+13	177	-115.277	-73.361	41.916
Max	142.270	148.144	41.916	
Average	-158.190	-147.536	10.653	
Min	-371.556	-373.442	-1.886	
Std Dev	145.368	151.012	12.518	



28.277_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

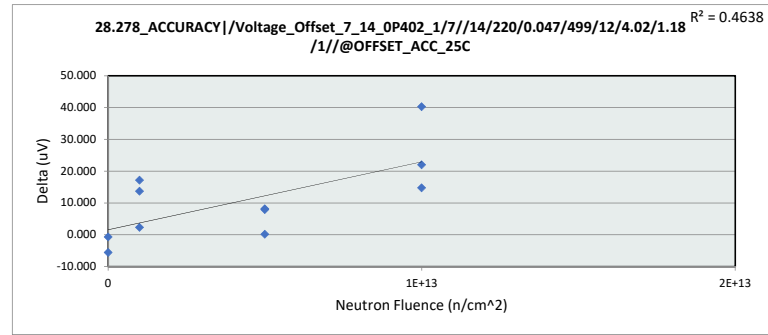
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-373.442	-258.988	-325.021	-82.505
Average	-329.862	-155.211	-98.195	-67.653
Max	-286.281	-73.372	148.144	-47.094
UL	1500.000	1500.000	1500.000	1500.000



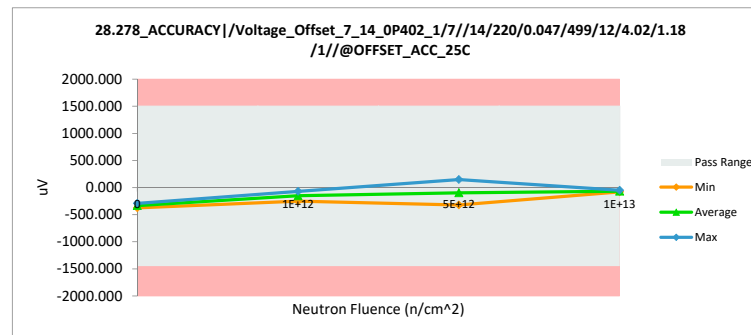
NDD Report TPS7H1111-SP

28.278_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-374.357	-375.055	-0.698
0	287	-285.839	-291.450	-5.611
1E+12	169	-138.946	-136.662	2.284
1E+12	170	-88.161	-70.995	17.166
1E+12	171	-265.634	-251.944	13.690
5E+12	172	-127.964	-119.825	8.139
5E+12	173	-322.345	-322.209	0.136
5E+12	174	140.491	148.402	7.911
1E+13	175	-65.230	-50.482	14.748
1E+13	176	-100.735	-78.772	21.963
1E+13	177	-111.973	-71.742	40.231
Max	140.491	148.402	40.231	
Average	-158.245	-147.339	10.905	
Min	-374.357	-375.055	-5.611	
Std Dev	145.255	151.031	12.878	



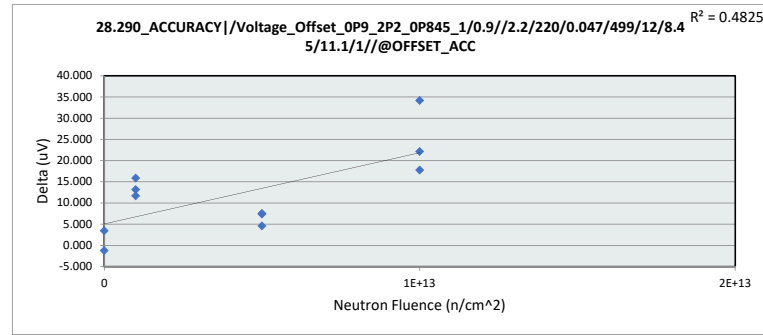
28.278_ACCURACY /Voltage_Offset				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1500	uV		
Min Limit	-1450	uV		
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-375.055	-251.944	-322.209	-78.772
Average	-333.253	-153.200	-97.877	-66.999
Max	-291.450	-70.995	148.402	-50.482
UL	1500.000	1500.000	1500.000	1500.000



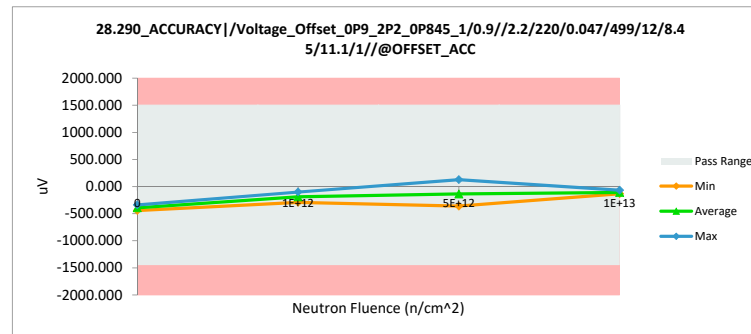
NDD Report TPS7H1111-SP

28.290_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-442.451	-443.676	-1.225
0	287	-343.347	-339.895	3.452
1E+12	169	-192.165	-179.037	13.128
1E+12	170	-116.175	-100.321	15.854
1E+12	171	-303.665	-292.015	11.650
5E+12	172	-186.935	-179.437	7.498
5E+12	173	-365.913	-361.341	4.572
5E+12	174	119.823	127.196	7.373
1E+13	175	-85.819	-68.092	17.727
1E+13	176	-153.679	-131.559	22.120
1E+13	177	-164.869	-130.719	34.150
	Max	119.823	127.196	34.150
	Average	-203.200	-190.809	12.391
	Min	-442.451	-443.676	-1.225
	Std Dev	156.030	160.392	9.926



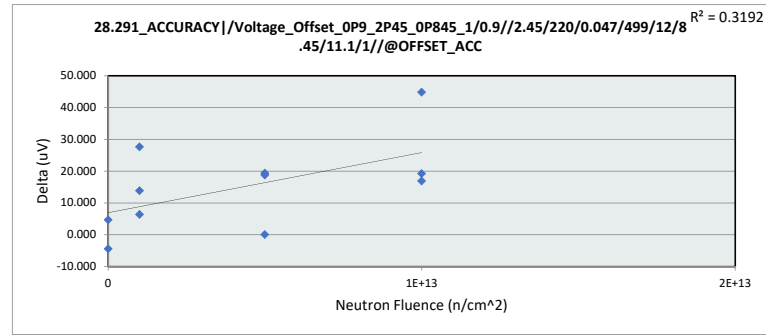
28.290_ACCURACY /Voltage_Offset				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1500	uV		
Min Limit	-1450	uV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-443.676	-292.015	-361.341	-131.559
Average	-391.786	-190.458	-137.861	-110.123
Max	-339.895	-100.321	127.196	-68.092
UL	1500.000	1500.000	1500.000	1500.000



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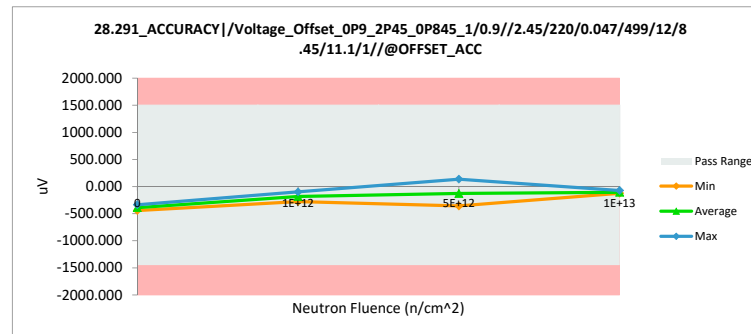
28.291_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-439.397	-443.843	-4.446
0	287	-339.782	-335.136	4.646
1E+12	169	-185.719	-179.362	6.357
1E+12	170	-112.957	-99.120	13.837
1E+12	171	-305.203	-277.585	27.618
5E+12	172	-180.498	-161.120	19.378
5E+12	173	-359.482	-359.464	0.018
5E+12	174	117.105	135.848	18.743
1E+13	175	-90.739	-73.847	16.892
1E+13	176	-143.656	-124.440	19.216
1E+13	177	-167.072	-122.231	44.841
Max	117.105	135.848	44.841	
Average	-200.673	-185.482	15.191	
Min	-439.397	-443.843	-4.446	
Std Dev	154.357	161.069	13.747	



28.291_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

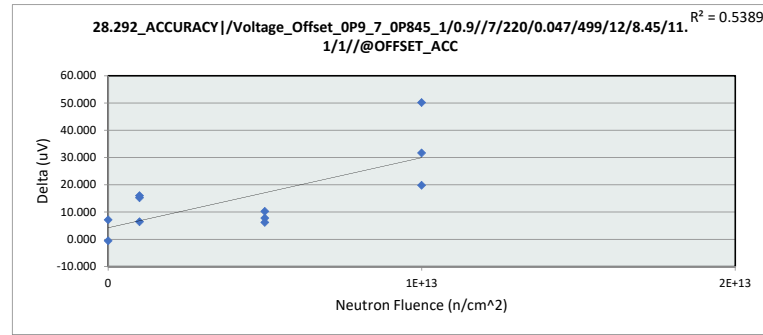
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-443.843	-277.585	-359.464	-124.440
Average	-389.490	-185.356	-128.245	-106.839
Max	-335.136	-99.120	135.848	-73.847
UL	1500.000	1500.000	1500.000	1500.000



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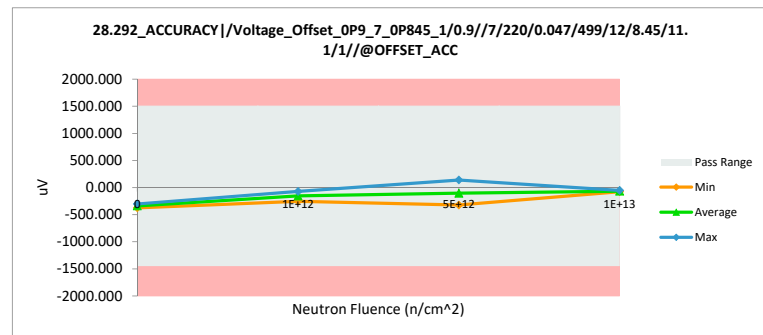
28.292_ACCURACY /Voltage Off		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-380.847	-373.721	7.126
0	287	-301.769	-302.348	-0.579
1E+12	169	-147.060	-140.640	6.420
1E+12	170	-88.009	-72.768	15.241
1E+12	171	-270.239	-254.285	15.954
5E+12	172	-138.569	-132.373	6.196
5E+12	173	-333.518	-323.275	10.243
5E+12	174	130.501	138.259	7.758
1E+13	175	-73.439	-53.620	19.819
1E+13	176	-108.370	-76.696	31.674
1E+13	177	-121.266	-71.120	50.146
Max	130.501	138.259	50.146	
Average	-166.599	-151.144	15.454	
Min	-380.847	-373.721	-0.579	
Std Dev	145.778	149.829	14.374	



28.292_ACCURACY /Voltage Off		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

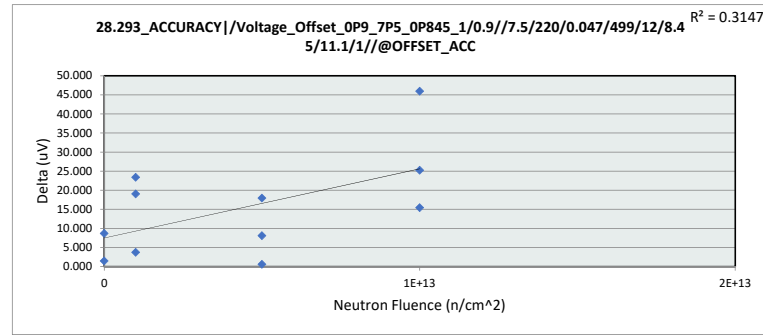
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-373.721	-254.285	-323.275	-76.696
Average	-338.035	-155.898	-105.796	-67.145
Max	-302.348	-72.768	138.259	-53.620
UL	1500.000	1500.000	1500.000	1500.000



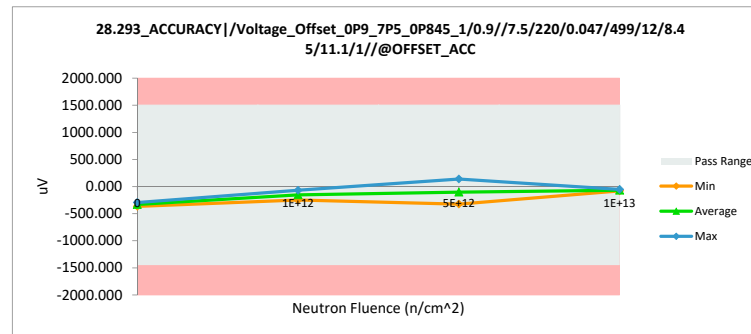
NDD Report TPS7H1111-SP

28.293_ACCURACY /Voltage Off		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-375.602	-366.935	8.667
0	287	-296.348	-294.888	1.460
1E+12	169	-147.402	-143.671	3.731
1E+12	170	-92.921	-69.541	23.380
1E+12	171	-268.546	-249.526	19.020
5E+12	172	-141.469	-123.551	17.918
5E+12	173	-326.064	-325.486	0.578
5E+12	174	130.859	138.935	8.076
1E+13	175	-69.880	-54.452	15.428
1E+13	176	-103.629	-78.386	25.243
1E+13	177	-116.515	-70.593	45.922
Max	130.859	138.935	45.922	
Average	-164.320	-148.918	15.402	
Min	-375.602	-366.935	0.578	
Std Dev	143.882	148.324	13.269	



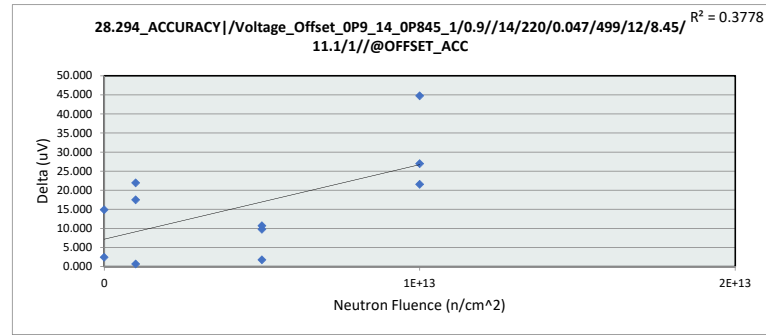
28.293_ACCURACY /Voltage Off				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1500	uV		
Min Limit	-1450	uV		
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-366.935	-249.526	-325.486	-78.386
Average	-330.912	-154.246	-103.367	-67.810
Max	-294.888	-69.541	138.935	-54.452
UL	1500.000	1500.000	1500.000	1500.000



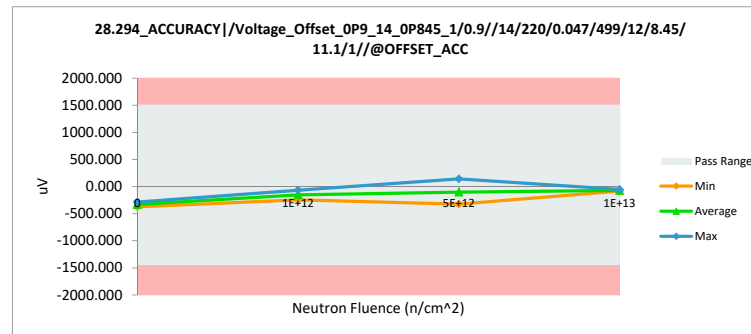
NDD Report TPS7H1111-SP

28.294_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-375.780	-373.372	2.408
0	287	-299.740	-284.854	14.886
1E+12	169	-145.686	-145.036	0.650
1E+12	170	-85.646	-68.182	17.464
1E+12	171	-268.719	-246.799	21.920
5E+12	172	-136.018	-126.266	9.752
5E+12	173	-327.739	-325.987	1.752
5E+12	174	131.860	142.524	10.664
1E+13	175	-76.491	-54.938	21.553
1E+13	176	-108.555	-81.617	26.938
1E+13	177	-118.029	-73.305	44.724
	Max	131.860	142.524	44.724
	Average	-164.595	-148.894	15.701
	Min	-375.780	-373.372	0.650
	Std Dev	144.459	148.612	13.053



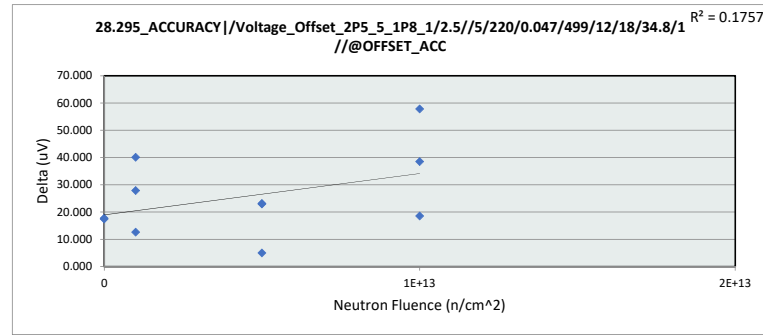
28.294_ACCURACY /Voltage_Offset				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1500 uV			
Min Limit	-1450 uV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-373.372	-246.799	-325.987	-81.617
Average	-329.113	-153.339	-103.243	-69.953
Max	-284.854	-68.182	142.524	-54.938
UL	1500.000	1500.000	1500.000	1500.000



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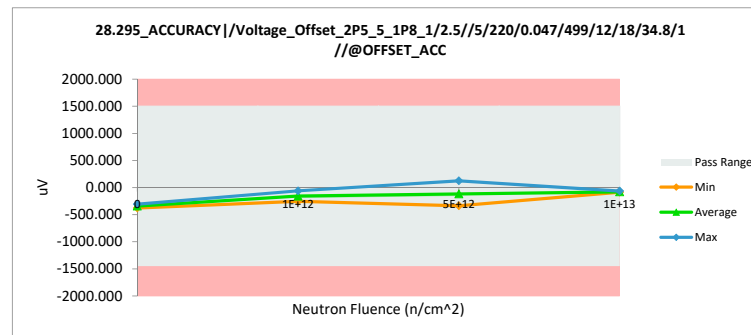
28.295_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-395.656	-378.221	17.435
0	287	-324.488	-306.779	17.709
1E+12	169	-170.040	-157.458	12.582
1E+12	170	-101.411	-61.369	40.042
1E+12	171	-283.951	-256.109	27.842
5E+12	172	-167.245	-144.345	22.900
5E+12	173	-341.457	-336.474	4.983
5E+12	174	101.978	125.086	23.108
1E+13	175	-83.315	-64.808	18.507
1E+13	176	-125.158	-86.671	38.487
1E+13	177	-141.507	-83.691	57.816
Max	101.978	125.086	57.816	
Average	-184.750	-159.167	25.583	
Min	-395.656	-378.221	4.983	
Std Dev	142.758	148.678	14.849	



28.295_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

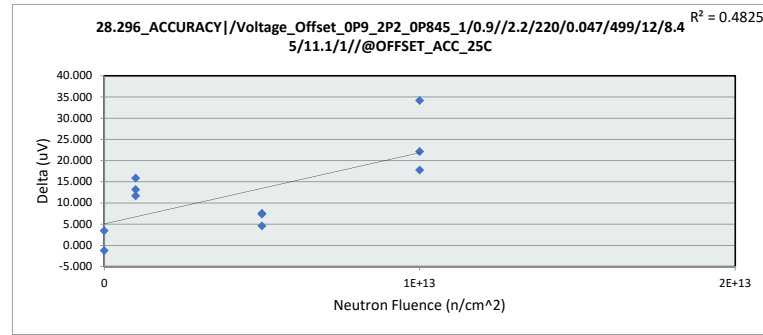
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-378.221	-256.109	-336.474	-86.671
Average	-342.500	-158.312	-118.578	-78.390
Max	-306.779	-61.369	125.086	-64.808
UL	1500.000	1500.000	1500.000	1500.000



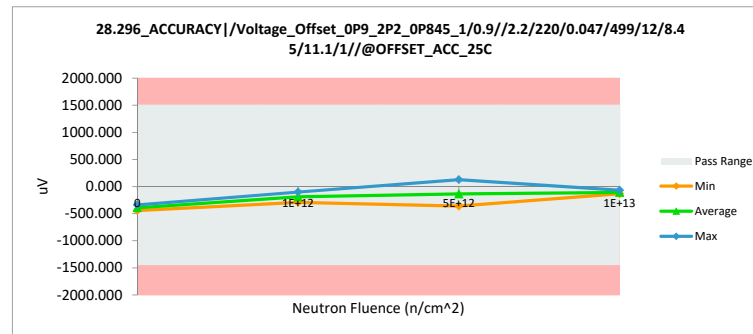
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28.296_ACCURACY /Voltage Off		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-442.451	-443.676	-1.225
0	287	-343.347	-339.895	3.452
1E+12	169	-192.165	-179.037	13.128
1E+12	170	-116.175	-100.321	15.854
1E+12	171	-303.665	-292.015	11.650
5E+12	172	-186.935	-179.437	7.498
5E+12	173	-365.913	-361.341	4.572
5E+12	174	119.823	127.196	7.373
1E+13	175	-85.819	-68.092	17.727
1E+13	176	-153.679	-131.559	22.120
1E+13	177	-164.869	-130.719	34.150
	Max	119.823	127.196	34.150
	Average	-203.200	-190.809	12.391
	Min	-442.451	-443.676	-1.225
	Std Dev	156.030	160.392	9.926



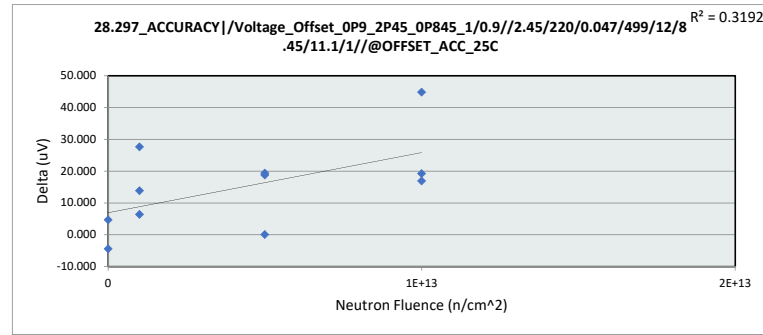
28.296_ACCURACY /Voltage Off				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1500 uV			
Min Limit	-1450 uV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-443.676	-292.015	-361.341	-131.559
Average	-391.786	-190.458	-137.861	-110.123
Max	-339.895	-100.321	127.196	-68.092
UL	1500.000	1500.000	1500.000	1500.000



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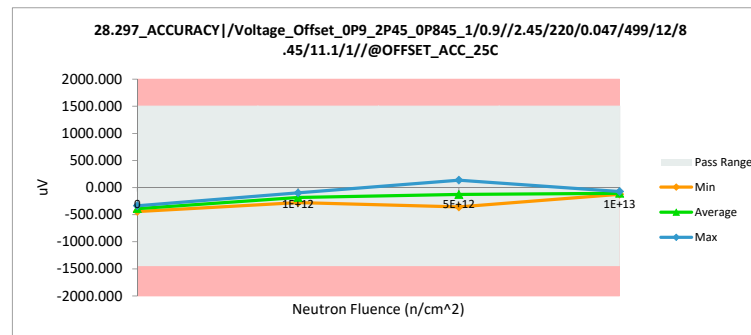
28.297_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-439.397	-443.843	-4.446
0	287	-339.782	-335.136	4.646
1E+12	169	-185.719	-179.362	6.357
1E+12	170	-112.957	-99.120	13.837
1E+12	171	-305.203	-277.585	27.618
5E+12	172	-180.498	-161.120	19.378
5E+12	173	-359.482	-359.464	0.018
5E+12	174	117.105	135.848	18.743
1E+13	175	-90.739	-73.847	16.892
1E+13	176	-143.656	-124.440	19.216
1E+13	177	-167.072	-122.231	44.841
Max	117.105	135.848	44.841	
Average	-200.673	-185.482	15.191	
Min	-439.397	-443.843	-4.446	
Std Dev	154.357	161.069	13.747	



28.297_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

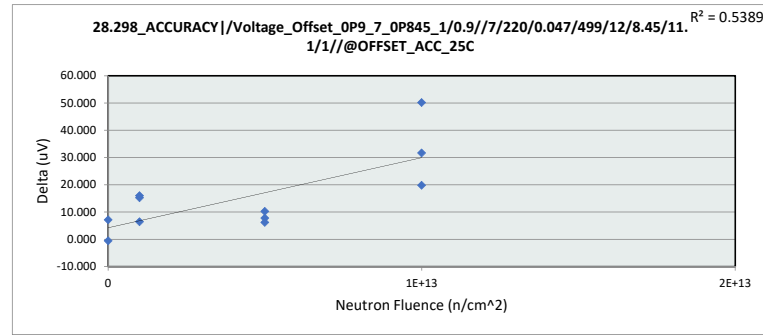
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-443.843	-277.585	-359.464	-124.440
Average	-389.490	-185.356	-128.245	-106.839
Max	-335.136	-99.120	135.848	-73.847
UL	1500.000	1500.000	1500.000	1500.000



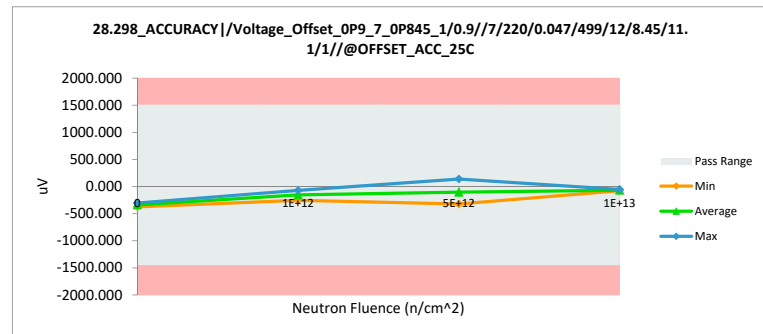
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28.298_ACCURACY /Voltage Off		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-380.847	-373.721	7.126
0	287	-301.769	-302.348	-0.579
1E+12	169	-147.060	-140.640	6.420
1E+12	170	-88.009	-72.768	15.241
1E+12	171	-270.239	-254.285	15.954
5E+12	172	-138.569	-132.373	6.196
5E+12	173	-333.518	-323.275	10.243
5E+12	174	130.501	138.259	7.758
1E+13	175	-73.439	-53.620	19.819
1E+13	176	-108.370	-76.696	31.674
1E+13	177	-121.266	-71.120	50.146
	Max	130.501	138.259	50.146
	Average	-166.599	-151.144	15.454
	Min	-380.847	-373.721	-0.579
	Std Dev	145.778	149.829	14.374



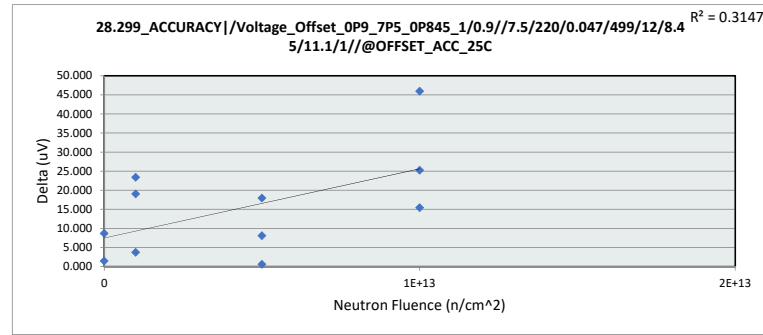
28.298_ACCURACY /Voltage Off					
Test Site	Dallas				
Tester	ETS-364				
Test Number	EB5445				
Max Limit	1500 uV				
Min Limit	-1450 uV				
Neutron Fluence (n/cm ²)	LL	Min	Average	Max	UL
0	-1450.000	-380.847	-166.599	130.501	1500.000
1E+12	-1450.000	-254.285	-155.898	138.259	1500.000
5E+12	-1450.000	-323.275	-105.796	138.259	1500.000
1E+13	-1450.000	-76.696	-53.620	138.259	1500.000



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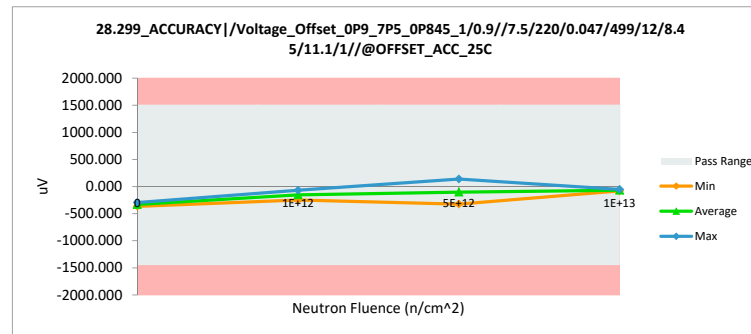
28.299_ACCURACY /Voltage Off		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-375.602	-366.935	8.667
0	287	-296.348	-294.888	1.460
1E+12	169	-147.402	-143.671	3.731
1E+12	170	-92.921	-69.541	23.380
1E+12	171	-268.546	-249.526	19.020
5E+12	172	-141.469	-123.551	17.918
5E+12	173	-326.064	-325.486	0.578
5E+12	174	130.859	138.935	8.076
1E+13	175	-69.880	-54.452	15.428
1E+13	176	-103.629	-78.386	25.243
1E+13	177	-116.515	-70.593	45.922
	Max	130.859	138.935	45.922
	Average	-164.320	-148.918	15.402
	Min	-375.602	-366.935	0.578
	Std Dev	143.882	148.324	13.269



28.299_ACCURACY /Voltage Off		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Max Limit	1500	uV
Min Limit	-1450	uV

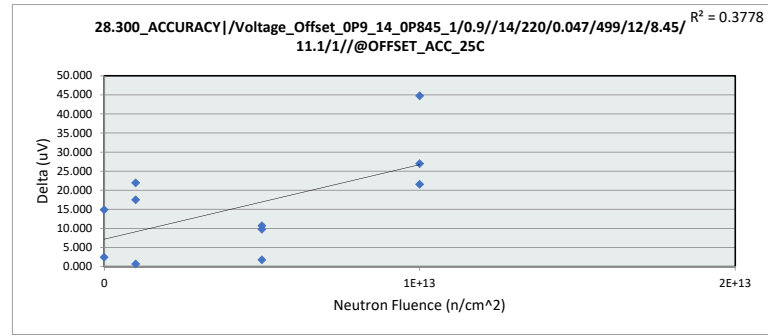
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-366.935	-249.526	-325.486	-78.386
Average	-330.912	-154.246	-103.367	-67.810
Max	-294.888	-69.541	138.935	-54.452
UL	1500.000	1500.000	1500.000	1500.000



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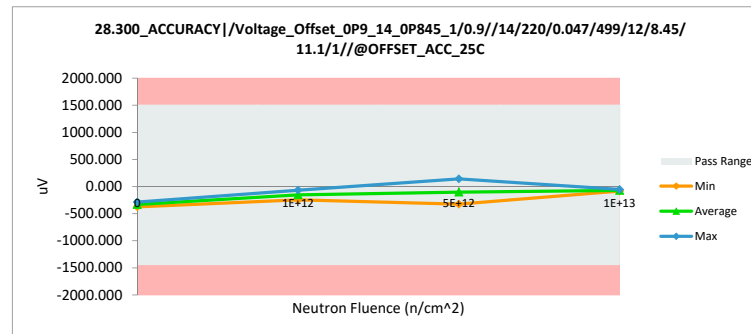
28.300_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-375.780	-373.372	2.408
0	287	-299.740	-284.854	14.886
1E+12	169	-145.686	-145.036	0.650
1E+12	170	-85.646	-68.182	17.464
1E+12	171	-268.719	-246.799	21.920
5E+12	172	-136.018	-126.266	9.752
5E+12	173	-327.739	-325.987	1.752
5E+12	174	131.860	142.524	10.664
1E+13	175	-76.491	-54.938	21.553
1E+13	176	-108.555	-81.617	26.938
1E+13	177	-118.029	-73.305	44.724
	Max	131.860	142.524	44.724
	Average	-164.595	-148.894	15.701
	Min	-375.780	-373.372	0.650
	Std Dev	144.459	148.612	13.053



28.300_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Max Limit	1500	uV
Min Limit	-1450	uV

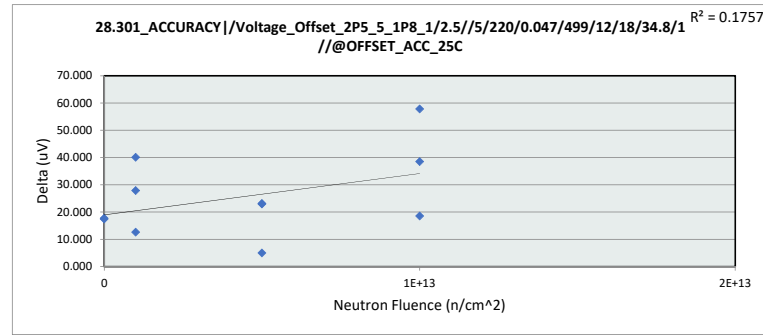
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-373.372	-246.799	-325.987	-81.617
Average	-329.113	-153.339	-103.243	-69.953
Max	-284.854	-68.182	142.524	-54.938
UL	1500.000	1500.000	1500.000	1500.000



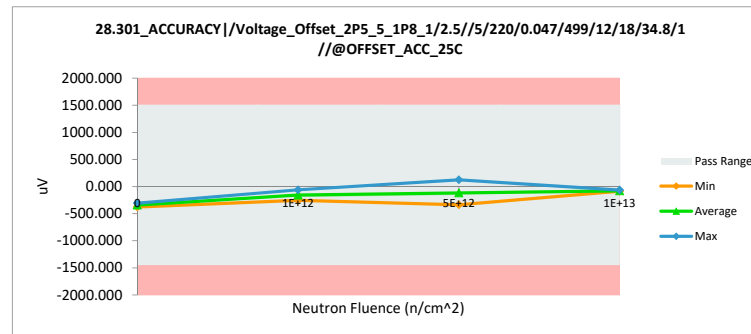
NDD Report TPS7H1111-SP

28.301_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-395.656	-378.221	17.435
0	287	-324.488	-306.779	17.709
1E+12	169	-170.040	-157.458	12.582
1E+12	170	-101.411	-61.369	40.042
1E+12	171	-283.951	-256.109	27.842
5E+12	172	-167.245	-144.345	22.900
5E+12	173	-341.457	-336.474	4.983
5E+12	174	101.978	125.086	23.108
1E+13	175	-83.315	-64.808	18.507
1E+13	176	-125.158	-86.671	38.487
1E+13	177	-141.507	-83.691	57.816
Max	101.978	125.086	57.816	
Average	-184.750	-159.167	25.583	
Min	-395.656	-378.221	4.983	
Std Dev	142.758	148.678	14.849	



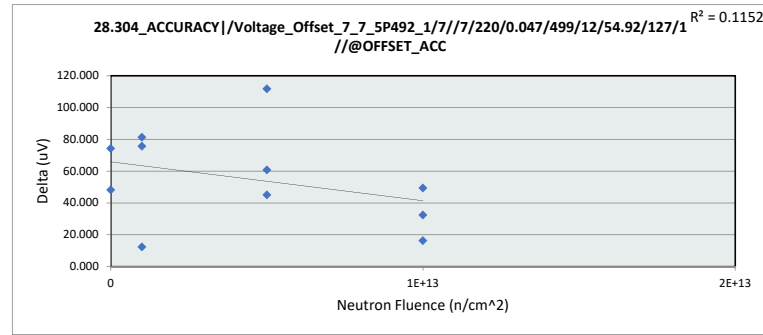
28.301_ACCURACY /Voltage_Offset				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1500	uV		
Min Limit	-1450	uV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-378.221	-256.109	-336.474	-86.671
Average	-342.500	-159.167	-118.578	-78.390
Max	-306.779	-61.369	125.086	-64.808
UL	1500.000	1500.000	1500.000	1500.000



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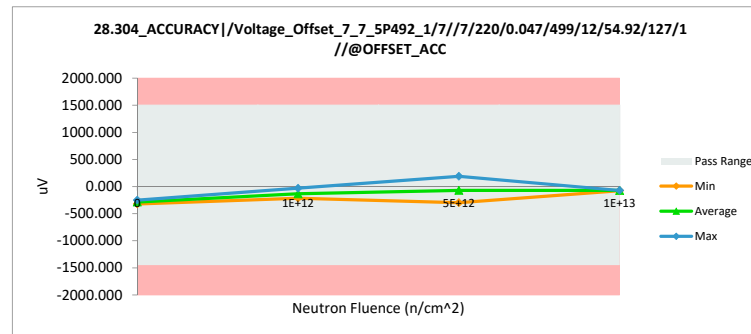
28.304_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-370.693	-322.556	48.137
0	287	-323.701	-249.529	74.172
1E+12	169	-170.684	-158.334	12.350
1E+12	170	-107.551	-31.948	75.603
1E+12	171	-297.499	-216.269	81.230
5E+12	172	-165.176	-104.475	60.701
5E+12	173	-343.752	-298.715	45.037
5E+12	174	77.915	189.686	111.771
1E+13	175	-89.931	-73.671	16.260
1E+13	176	-120.878	-71.502	49.376
1E+13	177	-108.004	-75.650	32.354
	Max	77.915	189.686	111.771
	Average	-183.632	-128.451	55.181
	Min	-370.693	-322.556	12.350
	Std Dev	136.512	144.935	29.573



28.304_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Max Limit	1500	uV
Min Limit	-1450	uV

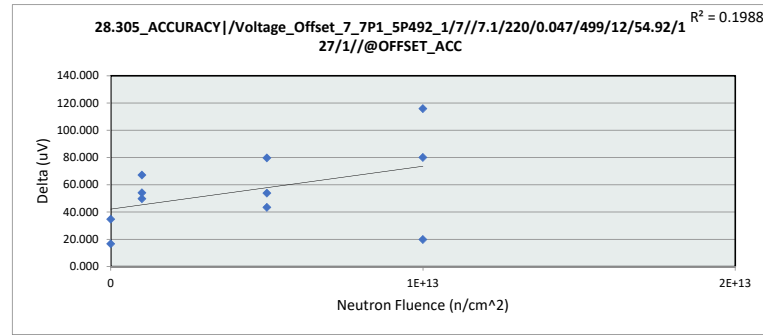
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-322.556	-216.269	-298.715	-75.650
Average	-286.043	-135.517	-71.168	-73.608
Max	-249.529	-31.948	189.686	-71.502
UL	1500.000	1500.000	1500.000	1500.000



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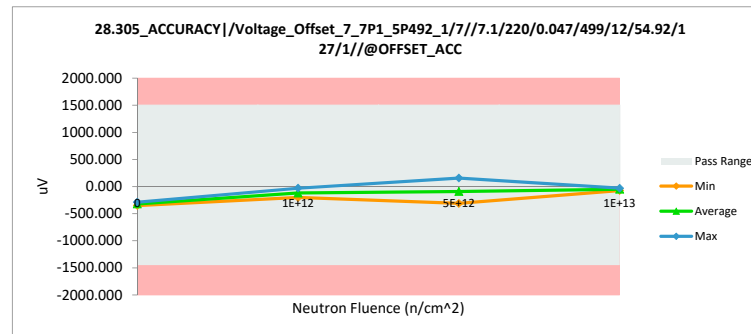
28.305_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-386.047	-351.357	34.690
0	287	-306.678	-290.108	16.570
1E+12	169	-179.172	-129.461	49.711
1E+12	170	-97.251	-30.136	67.115
1E+12	171	-256.824	-202.727	54.097
5E+12	172	-171.924	-118.136	53.788
5E+12	173	-355.625	-312.233	43.392
5E+12	174	76.175	155.878	79.703
1E+13	175	-93.460	-73.624	19.836
1E+13	176	-148.129	-32.282	115.847
1E+13	177	-126.576	-46.611	79.965
	Max	76.175	155.878	115.847
	Average	-185.956	-130.072	55.883
	Min	-386.047	-351.357	16.570
	Std Dev	133.700	149.884	28.922



28.305_ACCURACY /Voltage_Offset		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1500	uV
Min Limit	-1450	uV

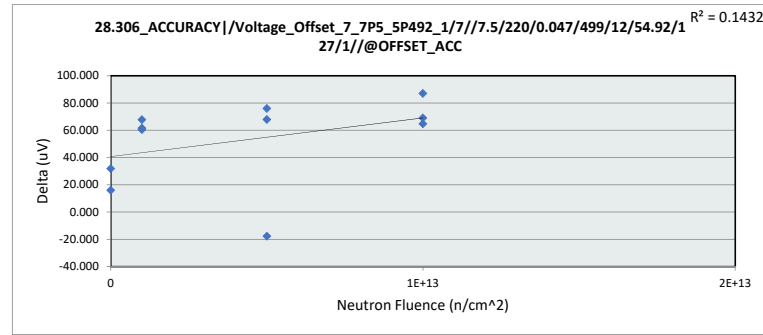
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-351.357	-202.727	-312.233	-73.624
Average	-320.733	-120.775	-91.497	-50.839
Max	-290.108	-30.136	155.878	-32.282
UL	1500.000	1500.000	1500.000	1500.000



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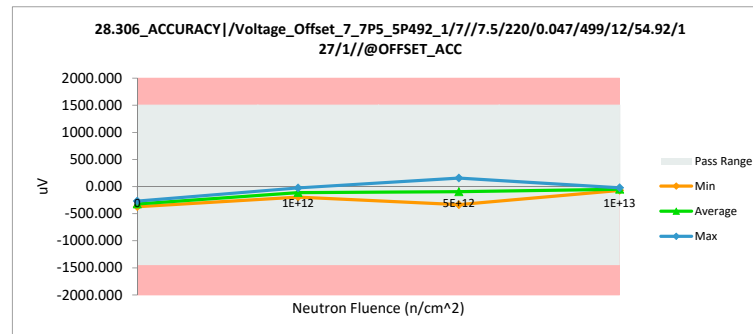
28.306_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-387.788	-371.790	15.998
0	287	-301.552	-269.794	31.758
1E+12	169	-179.100	-117.612	61.488
1E+12	170	-85.568	-25.129	60.439
1E+12	171	-263.596	-195.909	67.687
5E+12	172	-187.230	-111.294	75.936
5E+12	173	-318.241	-335.932	-17.691
5E+12	174	88.048	155.854	67.806
1E+13	175	-93.436	-24.462	68.974
1E+13	176	-158.358	-71.359	86.999
1E+13	177	-123.143	-58.484	64.659
Max	88.048	155.854	86.999	
Average	-182.724	-129.628	53.096	
Min	-387.788	-371.790	-17.691	
Std Dev	132.658	154.162	30.746	



28.306_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Max Limit	1500	uV
Min Limit	-1450	uV

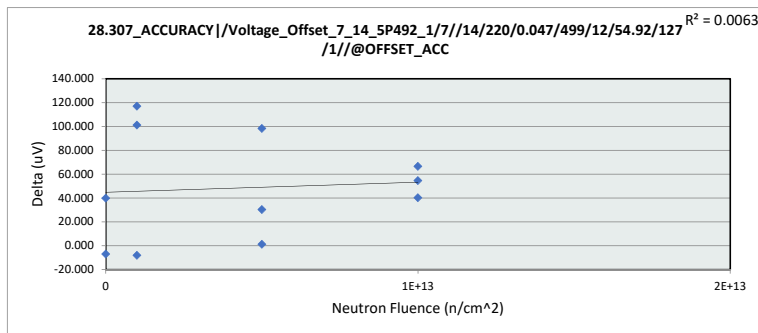
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-371.790	-195.909	-335.932	-71.359
Average	-320.792	-112.883	-97.124	-51.435
Max	-269.794	-25.129	155.854	-24.462
UL	1500.000	1500.000	1500.000	1500.000



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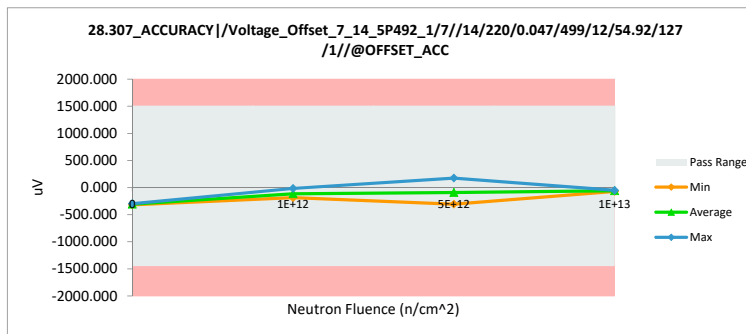
28.307_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-358.772	-319.052	39.720
0	287	-289.774	-296.831	-7.057
1E+12	169	-136.614	-144.672	-8.058
1E+12	170	-117.731	-16.594	101.137
1E+12	171	-304.127	-187.254	116.873
5E+12	172	-171.876	-141.668	30.208
5E+12	173	-308.156	-307.059	1.097
5E+12	174	74.506	172.830	98.324
1E+13	175	-91.767	-51.522	40.245
1E+13	176	-136.161	-69.690	66.471
1E+13	177	-106.239	-51.665	54.574
Max	74.506	172.830	116.873	
Average	-176.974	-128.471	48.503	
Min	-358.772	-319.052	-8.058	
Std Dev	127.078	147.995	43.932	



28.307_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Max Limit	1500	uV
Min Limit	-1450	uV

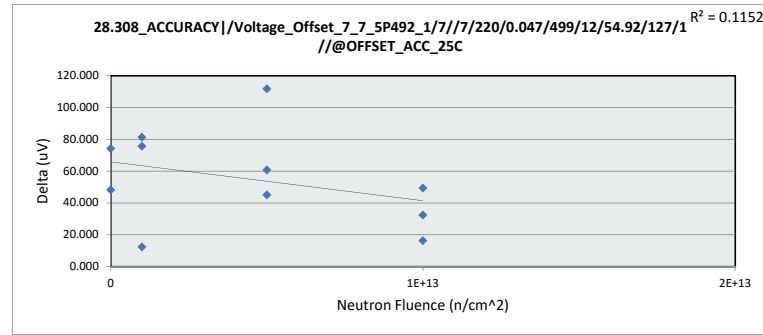
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-319.052	-187.254	-307.059	-69.690
Average	-307.942	-116.173	-91.966	-57.626
Max	-296.831	-16.594	172.830	-51.522
UL	1500.000	1500.000	1500.000	1500.000



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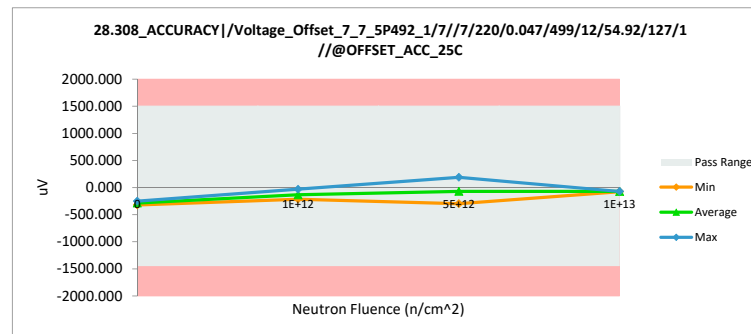
28.308_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-370.693	-322.556	48.137
0	287	-323.701	-249.529	74.172
1E+12	169	-170.684	-158.334	12.350
1E+12	170	-107.551	-31.948	75.603
1E+12	171	-297.499	-216.269	81.230
5E+12	172	-165.176	-104.475	60.701
5E+12	173	-343.752	-298.715	45.037
5E+12	174	77.915	189.686	111.771
1E+13	175	-89.931	-73.671	16.260
1E+13	176	-120.878	-71.502	49.376
1E+13	177	-108.004	-75.650	32.354
	Max	77.915	189.686	111.771
	Average	-183.632	-128.451	55.181
	Min	-370.693	-322.556	12.350
	Std Dev	136.512	144.935	29.573



28.308_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Max Limit	1500	uV
Min Limit	-1450	uV

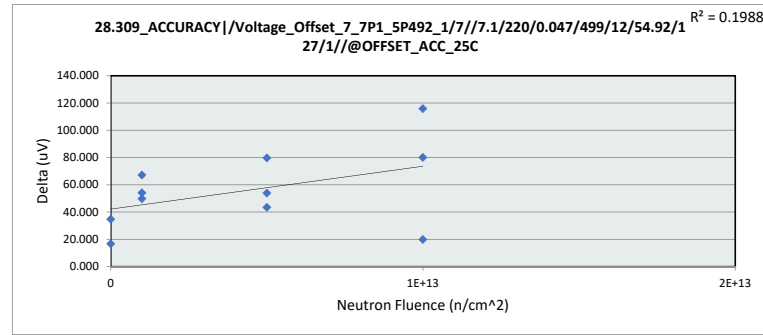
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-322.556	-216.269	-298.715	-75.650
Average	-286.043	-135.517	-71.168	-73.608
Max	-249.529	-31.948	189.686	-71.502
UL	1500.000	1500.000	1500.000	1500.000



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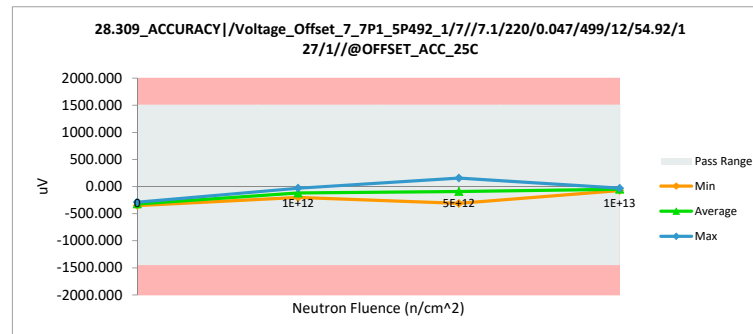
28.309_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	-386.047	-351.357	34.690
0	287	-306.678	-290.108	16.570
1E+12	169	-179.172	-129.461	49.711
1E+12	170	-97.251	-30.136	67.115
1E+12	171	-256.824	-202.727	54.097
5E+12	172	-171.924	-118.136	53.788
5E+12	173	-355.625	-312.233	43.392
5E+12	174	76.175	155.878	79.703
1E+13	175	-93.460	-73.624	19.836
1E+13	176	-148.129	-32.282	115.847
1E+13	177	-126.576	-46.611	79.965
	Max	76.175	155.878	115.847
	Average	-185.956	-130.072	55.883
	Min	-386.047	-351.357	16.570
	Std Dev	133.700	149.884	28.922



28.309_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Max Limit	1500	uV
Min Limit	-1450	uV

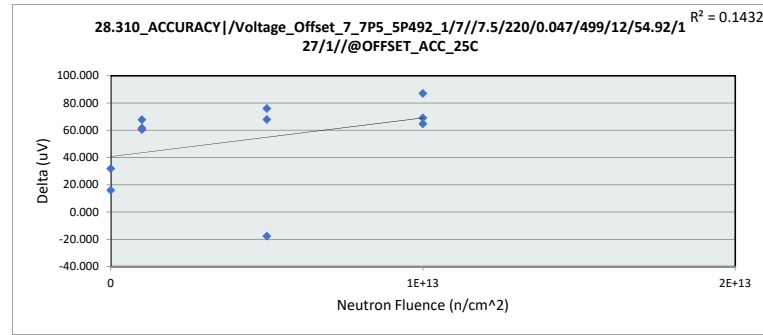
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-351.357	-202.727	-312.233	-73.624
Average	-320.733	-120.775	-91.497	-50.839
Max	-290.108	-30.136	155.878	-32.282
UL	1500.000	1500.000	1500.000	1500.000



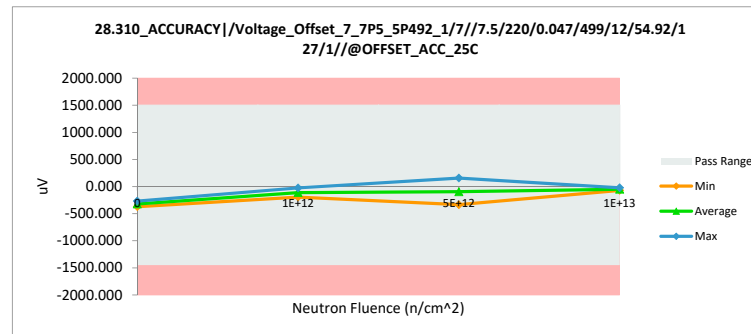
NDD Report TPS7H1111-SP

28.310_ACCURACY /Voltage_Offset_7_7P5_5P492_1/7//7.5/220/0.047/499/12/54.92/1		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-387.788	-371.790	15.998
0	287	-301.552	-269.794	31.758
1E+12	169	-179.100	-117.612	61.488
1E+12	170	-85.568	-25.129	60.439
1E+12	171	-263.596	-195.909	67.687
5E+12	172	-187.230	-111.294	75.936
5E+12	173	-318.241	-335.932	-17.691
5E+12	174	88.048	155.854	67.806
1E+13	175	-93.436	-24.462	68.974
1E+13	176	-158.358	-71.359	86.999
1E+13	177	-123.143	-58.484	64.659
	Max	88.048	155.854	86.999
	Average	-182.724	-129.628	53.096
	Min	-387.788	-371.790	-17.691
	Std Dev	132.658	154.162	30.746



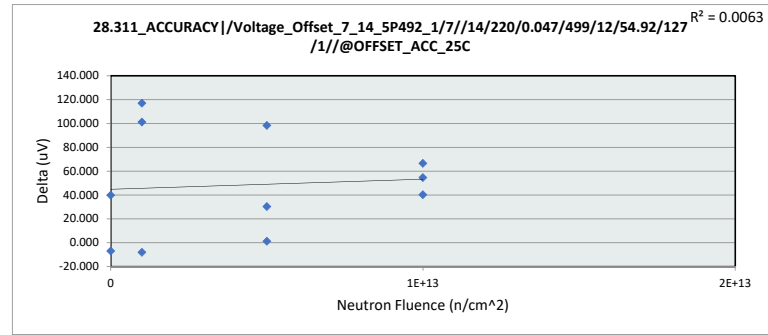
28.310_ACCURACY /Voltage_Offset_7_7P5_5P492_1/7//7.5/220/0.047/499/12/54.92/1 27/1//@OFFSET_ACC_25C				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1500 uV			
Min Limit	-1450 uV			
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-371.790	-195.909	-335.932	-71.359
Average	-320.792	-112.883	-97.124	-51.435
Max	-269.794	-25.129	155.854	-24.462
UL	1500.000	1500.000	1500.000	1500.000



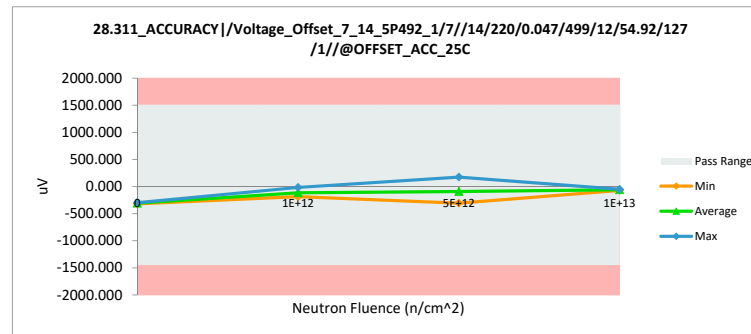
NDD Report TPS7H1111-SP

28.311_ACCURACY /Voltage_Offset		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1500	1500
Min Limit	-1450	-1450

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	-358.772	-319.052	39.720
0	287	-289.774	-296.831	-7.057
1E+12	169	-136.614	-144.672	-8.058
1E+12	170	-117.731	-16.594	101.137
1E+12	171	-304.127	-187.254	116.873
5E+12	172	-171.876	-141.668	30.208
5E+12	173	-308.156	-307.059	1.097
5E+12	174	74.506	172.830	98.324
1E+13	175	-91.767	-51.522	40.245
1E+13	176	-136.161	-69.690	66.471
1E+13	177	-106.239	-51.665	54.574
	Max	74.506	172.830	116.873
	Average	-176.974	-128.471	48.503
	Min	-358.772	-319.052	-8.058
	Std Dev	127.078	147.995	43.932



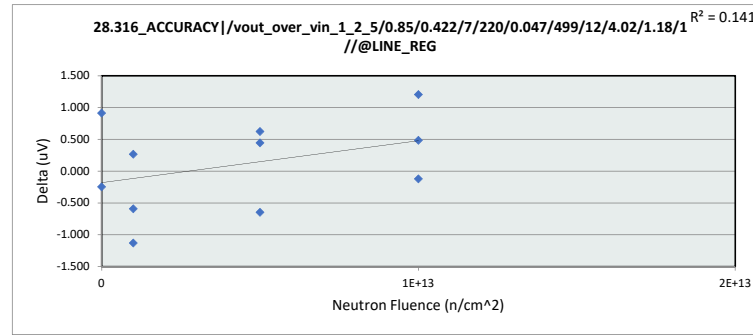
28.311_ACCURACY /Voltage_Offset				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1500	uV		
Min Limit	-1450	uV		
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1450.000	-1450.000	-1450.000	-1450.000
Min	-319.052	-187.254	-307.059	-69.690
Average	-307.942	-116.173	-91.966	-57.626
Max	-296.831	-16.594	172.830	-51.522
UL	1500.000	1500.000	1500.000	1500.000



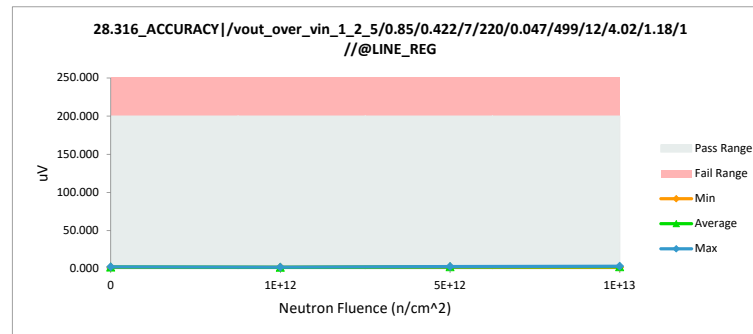
NDD Report TPS7H1111-SP

28.316_ACCURACY /vout_over		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	200	200
Min Limit	0	0

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	1.631	2.542	0.911
0	287	2.183	1.934	-0.249
1E+12	169	3.330	2.198	-1.132
1E+12	170	2.626	2.032	-0.594
1E+12	171	1.685	1.950	0.265
5E+12	172	2.073	2.695	0.622
5E+12	173	2.501	2.944	0.443
5E+12	174	3.108	2.459	-0.649
1E+13	175	2.183	3.386	1.203
1E+13	176	2.128	2.612	0.484
1E+13	177	2.113	1.990	-0.123
Max		3.330	3.386	1.203
Average		2.324	2.431	0.107
Min		1.631	1.934	-1.132
Std Dev		0.531	0.467	0.719



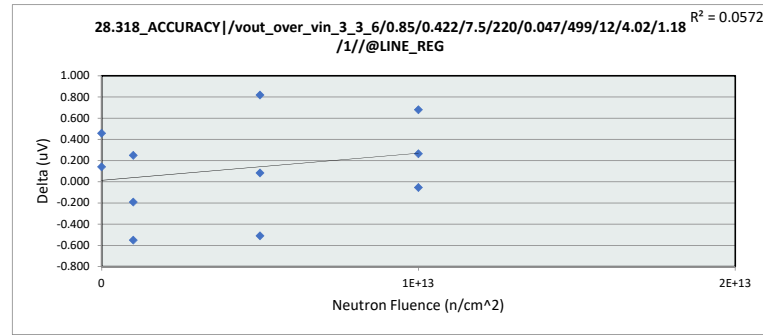
28.316_ACCURACY /vout_over				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	200	uV		
Min Limit	0	uV		
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	0.000	0.000	0.000	0.000
Min	1.934	1.950	2.459	1.990
Average	2.238	2.060	2.699	2.663
Max	2.542	2.198	2.944	3.386
UL	200.000	200.000	200.000	200.000



NDD Report TPS7H1111-SP

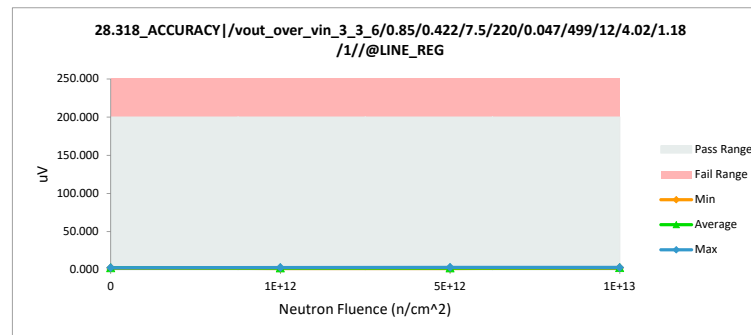
28.318_ACCURACY /vout_over		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	200	200
Min Limit	0	0

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	1.990	2.446	0.456
0	287	2.707	2.847	0.140
1E+12	169	3.219	3.027	-0.192
1E+12	170	1.879	2.128	0.249
1E+12	171	2.335	1.783	-0.552
5E+12	172	2.252	1.741	-0.511
5E+12	173	2.142	2.224	0.082
5E+12	174	2.432	3.249	0.817
1E+13	175	2.432	3.110	0.678
1E+13	176	2.639	2.903	0.264
1E+13	177	2.722	2.667	-0.055
Max		3.219	3.249	0.817
Average		2.432	2.557	0.125
Min		1.879	1.741	-0.552
Std Dev		0.381	0.529	0.439



28.318_ACCURACY /vout_over		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	200	uV
Min Limit	0	uV

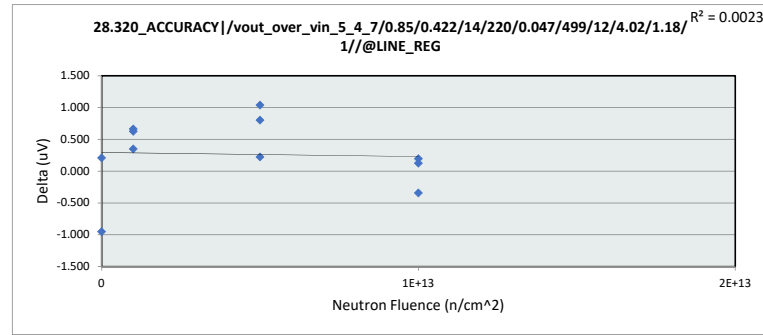
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	0.000	0.000	0.000	0.000
Min	2.446	1.783	1.741	2.667
Average	2.647	2.313	2.405	2.893
Max	2.847	3.027	3.249	3.110
UL	200.000	200.000	200.000	200.000



NDD Report TPS7H1111-SP

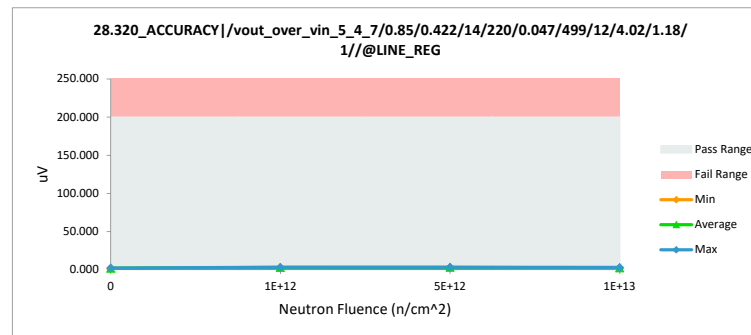
28.320_ACCURACY /vout_over		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	200	200
Min Limit	0	0

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	2.127	2.335	0.208
0	287	2.818	1.866	-0.952
1E+12	169	2.487	2.834	0.347
1E+12	170	2.638	3.262	0.624
1E+12	171	2.390	3.053	0.663
5E+12	172	2.791	3.013	0.222
5E+12	173	2.584	3.386	0.802
5E+12	174	2.280	3.318	1.038
1E+13	175	2.294	2.489	0.195
1E+13	176	2.984	3.108	0.124
1E+13	177	2.168	1.824	-0.344
	Max	2.984	3.386	1.038
	Average	2.506	2.772	0.266
	Min	2.127	1.824	-0.952
	Std Dev	0.283	0.562	0.553



28.320_ACCURACY /vout_over		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	200	uV
Min Limit	0	uV

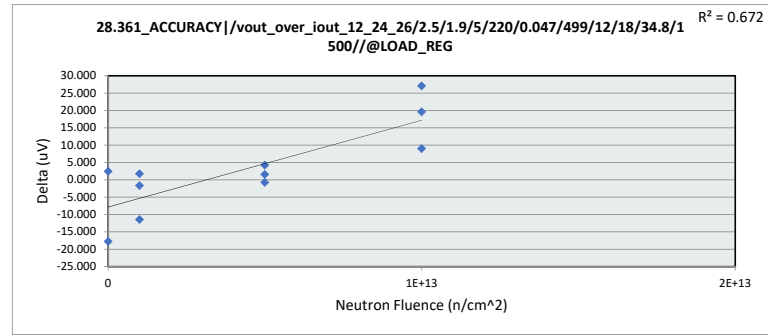
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	0.000	0.000	0.000	0.000
Min	1.866	2.834	3.013	1.824
Average	2.101	3.050	3.239	2.474
Max	2.335	3.262	3.386	3.108
UL	200.000	200.000	200.000	200.000



NDD Report TPS7H1111-SP

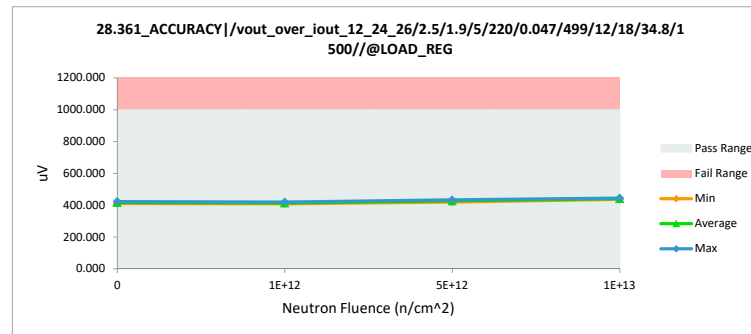
28.361_ACCURACY /vout_over		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uV	uV
Max Limit	1000	1000
Min Limit	0	0

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	420.374	422.807	2.433
0	287	427.634	409.853	-17.781
1E+12	169	418.358	420.091	1.733
1E+12	170	424.473	413.026	-11.447
1E+12	171	410.206	408.544	-1.662
5E+12	172	423.551	427.750	4.199
5E+12	173	420.406	419.638	-0.768
5E+12	174	431.698	433.225	1.527
1E+13	175	417.682	444.741	27.059
1E+13	176	420.632	440.208	19.576
1E+13	177	428.310	437.293	8.983
Max		431.698	444.741	27.059
Average		422.120	425.198	3.077
Min		410.206	408.544	-17.781
Std Dev		5.933	12.442	12.535



28.361_ACCURACY /vout_over		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1000	uV
Min Limit	0	uV

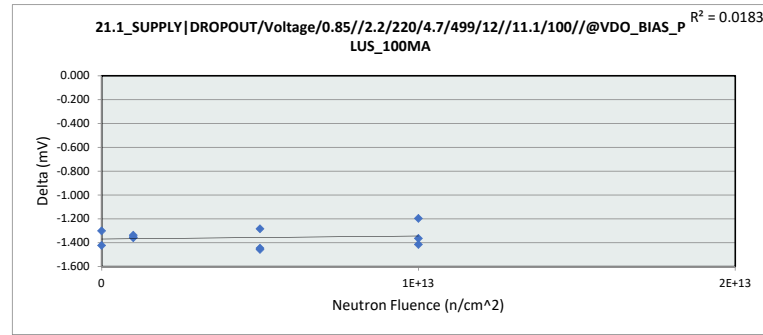
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	0.000	0.000	0.000	0.000
Min	409.853	408.544	419.638	437.293
Average	416.330	413.887	426.871	440.747
Max	422.807	420.091	433.225	444.741
UL	1000.000	1000.000	1000.000	1000.000



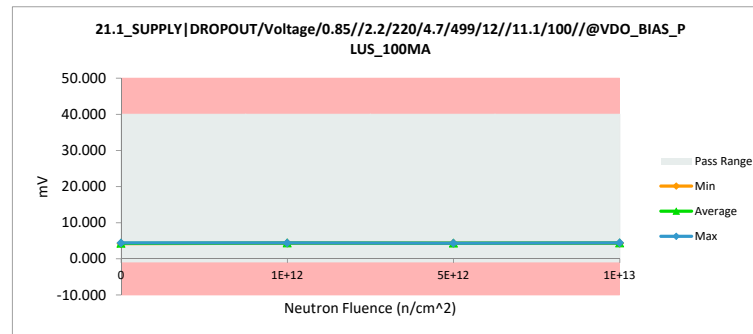
NDD Report TPS7H1111-SP

21.1_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	40	40
Min Limit	-1	-1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	5.616	4.192	-1.424
0	287	5.691	4.390	-1.301
1E+12	169	5.678	4.340	-1.338
1E+12	170	5.757	4.398	-1.359
1E+12	171	5.715	4.361	-1.354
5E+12	172	5.768	4.311	-1.457
5E+12	173	5.758	4.312	-1.446
5E+12	174	5.613	4.329	-1.284
1E+13	175	5.760	4.395	-1.365
1E+13	176	5.619	4.422	-1.197
1E+13	177	5.715	4.299	-1.416
Max		5.768	4.422	-1.197
Average		5.699	4.341	-1.358
Min		5.613	4.192	-1.457
Std Dev		0.061	0.064	0.078



21.1_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	40	mV		
Min Limit	-1	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1.000	-1.000	-1.000	-1.000
Min	4.192	4.340	4.311	4.299
Average	4.291	4.366	4.317	4.372
Max	4.390	4.398	4.329	4.422
UL	40.000	40.000	40.000	40.000

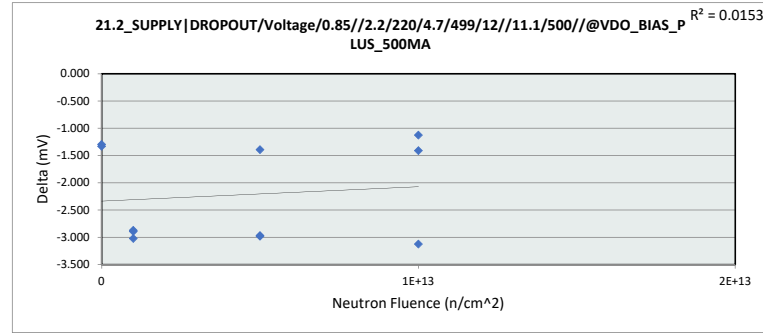


NDD Report TPS7H1111-SP

21.2_SUPPLY|DROPOUT/Voltage

Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	150	150
Min Limit	-1	-1

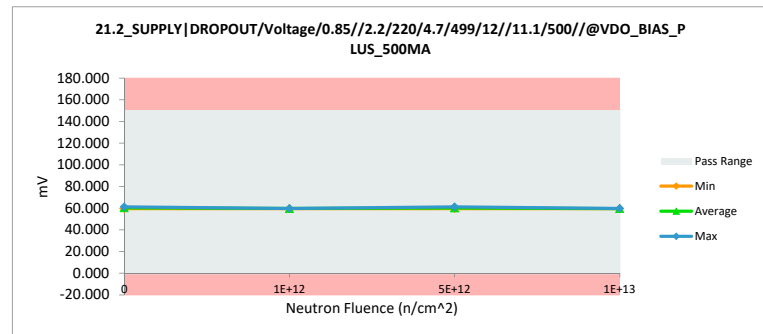
Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	60.862	59.531	-1.331
0	287	62.543	61.245	-1.298
1E+12	169	62.552	59.679	-2.873
1E+12	170	62.586	59.692	-2.894
1E+12	171	62.589	59.565	-3.024
5E+12	172	62.529	59.560	-2.969
5E+12	173	62.655	59.674	-2.981
5E+12	174	62.600	61.206	-1.394
1E+13	175	62.702	59.576	-3.126
1E+13	176	60.819	59.693	-1.126
1E+13	177	61.005	59.593	-1.412
	Max	62.702	61.245	-1.126
	Average	62.131	59.910	-2.221
	Min	60.819	59.531	-3.126
	Std Dev	0.796	0.653	0.875



21.2_SUPPLY|DROPOUT/Voltage

Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	150 mV
Min Limit	-1 mV

Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1.000	-1.000	-1.000	-1.000
Min	59.531	59.565	59.560	59.576
Average	60.388	59.645	60.147	59.621
Max	61.245	59.692	61.206	59.693
UL	150.000	150.000	150.000	150.000

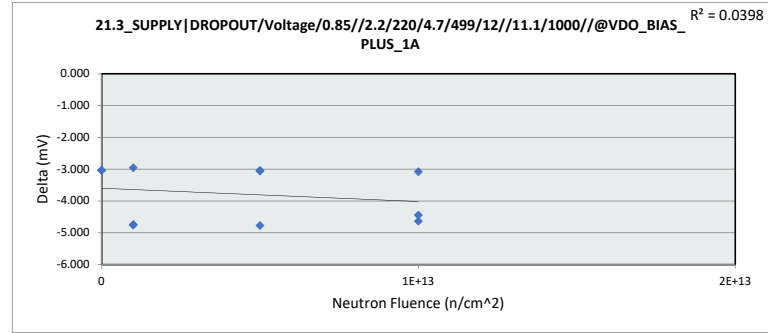


NDD Report TPS7H1111-SP

21.3_SUPPLY|DROPOUT/Voltage

Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	280	280
Min Limit	0.1	0.1

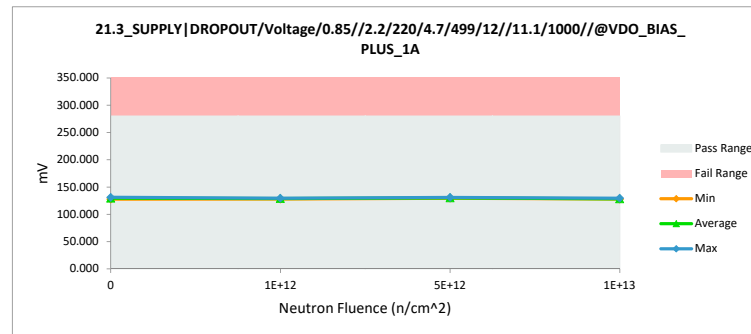
Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	130.721	127.675	-3.046
0	287	134.054	131.018	-3.036
1E+12	169	132.412	129.453	-2.959
1E+12	170	134.119	129.375	-4.744
1E+12	171	132.607	127.845	-4.762
5E+12	172	134.153	129.379	-4.774
5E+12	173	132.424	129.380	-3.044
5E+12	174	134.133	131.070	-3.063
1E+13	175	134.100	129.462	-4.638
1E+13	176	132.398	127.951	-4.447
1E+13	177	130.842	127.760	-3.082
	Max	134.153	131.070	-2.959
	Average	132.906	129.124	-3.781
	Min	130.721	127.675	-4.774
	Std Dev	1.309	1.215	0.859



21.3_SUPPLY|DROPOUT/Voltage

Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	280 mV
Min Limit	0.1 mV

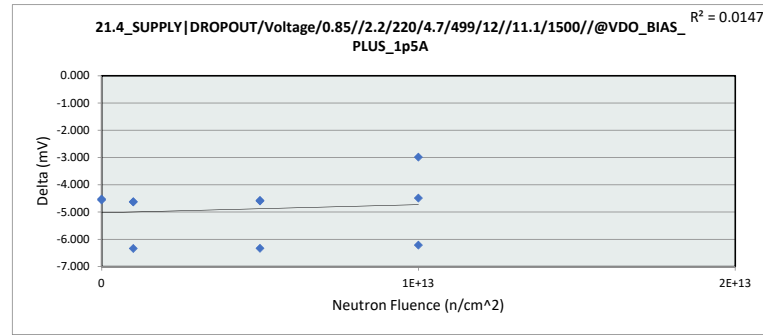
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	127.675	127.845	129.379	127.760
Average	129.347	128.891	129.943	128.391
Max	131.018	129.453	131.070	129.462
UL	280.000	280.000	280.000	280.000



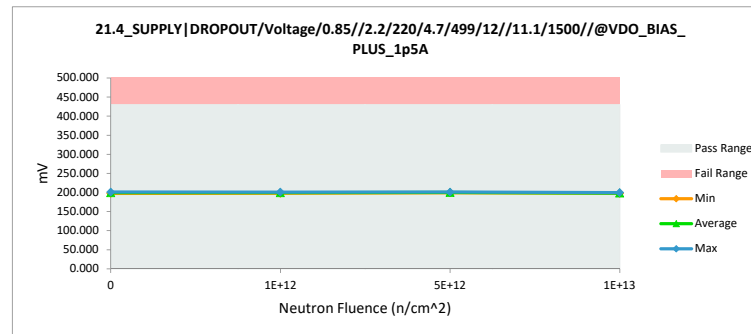
NDD Report TPS7H1111-SP

21.4_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	430	430
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	202.210	197.652	-4.558
0	287	205.497	200.973	-4.524
1E+12	169	203.946	199.317	-4.629
1E+12	170	205.630	201.004	-4.626
1E+12	171	204.005	197.663	-6.342
5E+12	172	205.664	199.333	-6.331
5E+12	173	204.003	199.424	-4.579
5E+12	174	205.599	201.002	-4.597
1E+13	175	205.656	199.439	-6.217
1E+13	176	202.303	197.815	-4.488
1E+13	177	200.747	197.760	-2.987
	Max	205.664	201.004	-2.987
	Average	204.115	199.217	-4.898
	Min	200.747	197.652	-6.342
	Std Dev	1.717	1.361	1.015



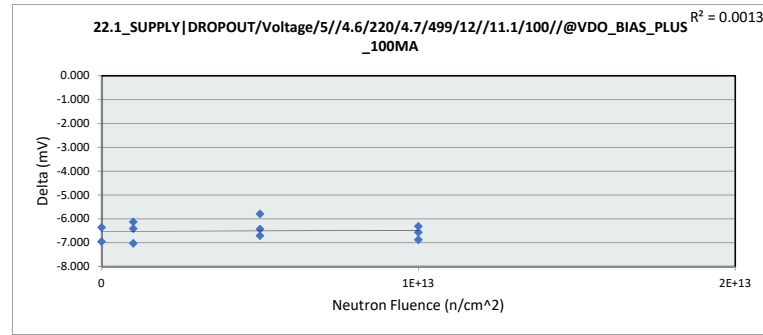
21.4_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	430	mV		
Min Limit	0.1	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	197.652	197.663	199.333	197.760
Average	199.313	199.328	199.920	198.338
Max	200.973	201.004	201.002	199.439
UL	430.000	430.000	430.000	430.000



NDD Report TPS7H1111-SP

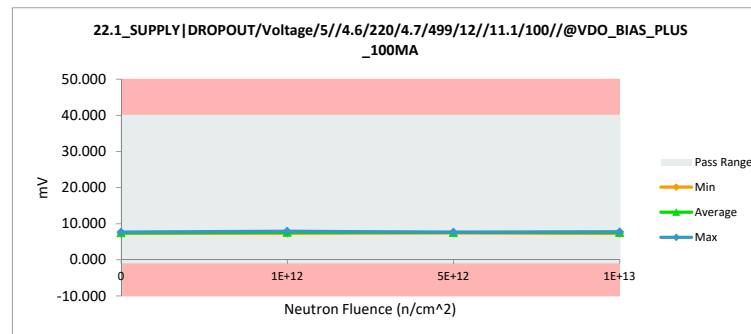
22.1_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	40	40
Min Limit	-1	-1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	14.261	7.302	-6.959
0	287	14.028	7.668	-6.360
1E+12	169	14.031	7.899	-6.132
1E+12	170	13.987	7.577	-6.410
1E+12	171	14.370	7.338	-7.032
5E+12	172	14.346	7.639	-6.707
5E+12	173	13.868	7.437	-6.431
5E+12	174	13.434	7.639	-5.795
1E+13	175	14.060	7.749	-6.311
1E+13	176	14.178	7.296	-6.882
1E+13	177	14.211	7.645	-6.566
	Max	14.370	7.899	-5.795
	Average	14.070	7.563	-6.508
	Min	13.434	7.296	-7.032
	Std Dev	0.263	0.196	0.372



22.1_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	40	mV
Min Limit	-1	mV

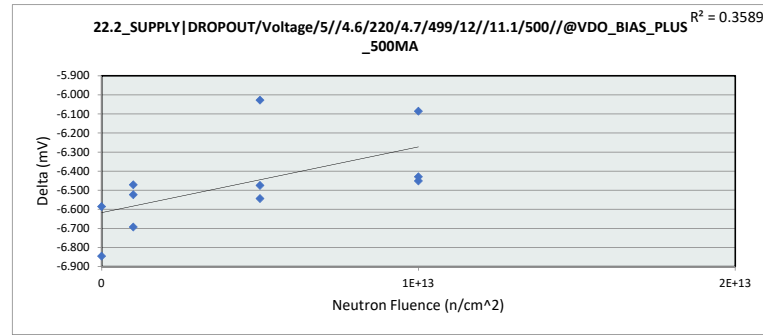
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1.000	-1.000	-1.000	-1.000
Min	7.302	7.338	7.437	7.296
Average	7.485	7.605	7.572	7.563
Max	7.668	7.899	7.639	7.749
UL	40.000	40.000	40.000	40.000



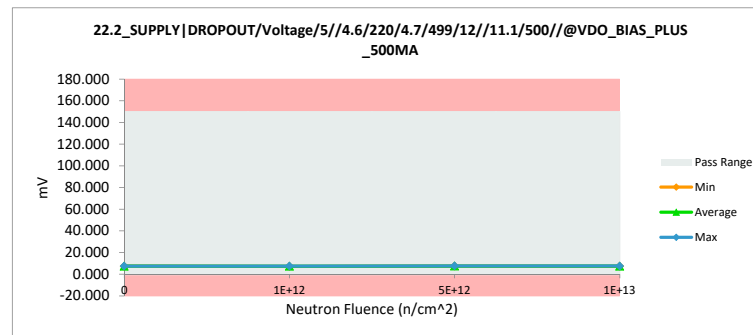
NDD Report TPS7H1111-SP

22.2_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	150	150
Min Limit	-1	-1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	14.261	7.415	-6.846
0	287	14.028	7.442	-6.586
1E+12	169	13.918	7.446	-6.472
1E+12	170	13.987	7.463	-6.524
1E+12	171	13.918	7.225	-6.693
5E+12	172	13.667	7.639	-6.028
5E+12	173	13.981	7.437	-6.544
5E+12	174	14.000	7.525	-6.475
1E+13	175	13.495	7.409	-6.086
1E+13	176	13.952	7.522	-6.430
1E+13	177	13.758	7.306	-6.452
	Max	14.261	7.639	-6.028
	Average	13.906	7.439	-6.467
	Min	13.495	7.225	-6.846
	Std Dev	0.203	0.109	0.236



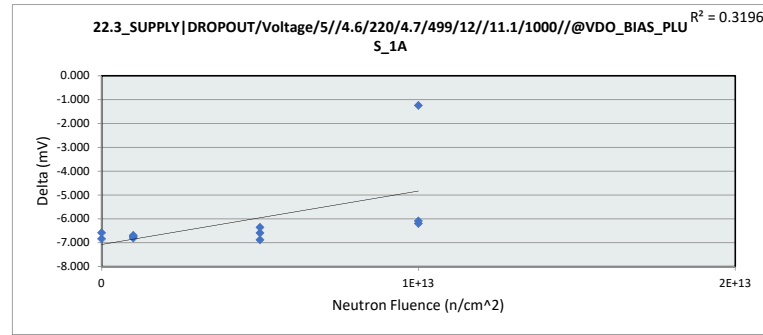
22.2_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	150	mV		
Min Limit	-1	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1.000	-1.000	-1.000	-1.000
Min	7.415	7.225	7.437	7.306
Average	7.429	7.378	7.534	7.412
Max	7.442	7.463	7.639	7.522
UL	150.000	150.000	150.000	150.000



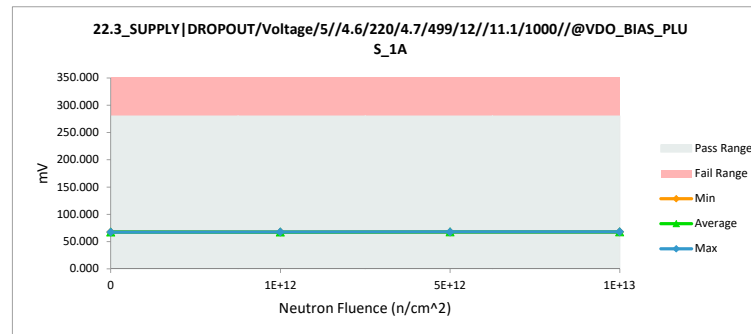
NDD Report TPS7H1111-SP

22.3_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	280	280
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	74.215	67.370	-6.845
0	287	73.982	67.396	-6.586
1E+12	169	74.098	67.288	-6.810
1E+12	170	74.281	67.531	-6.750
1E+12	171	73.985	67.292	-6.693
5E+12	172	74.299	67.706	-6.593
5E+12	173	74.275	67.391	-6.884
5E+12	174	73.954	67.593	-6.361
1E+13	175	73.788	67.590	-6.198
1E+13	176	73.906	67.816	-6.090
1E+13	177	69.074	67.825	-1.249
Max	74.299	67.825	-1.249	
Average	73.623	67.527	-6.096	
Min	69.074	67.288	-6.884	
Std Dev	1.519	0.196	1.629	



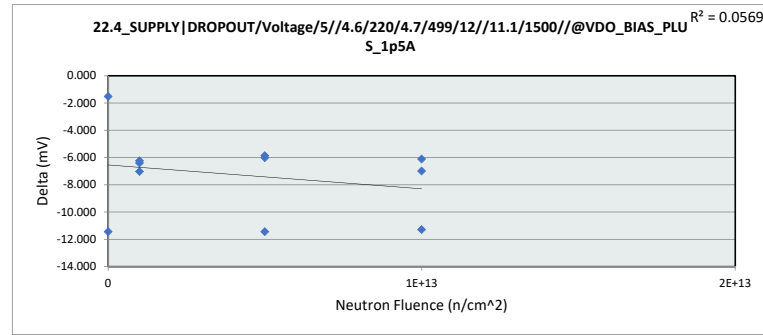
22.3_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	280 mV			
Min Limit	0.1 mV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	67.370	67.288	67.391	67.590
Average	67.383	67.370	67.563	67.744
Max	67.396	67.531	67.706	67.825
UL	280.000	280.000	280.000	280.000



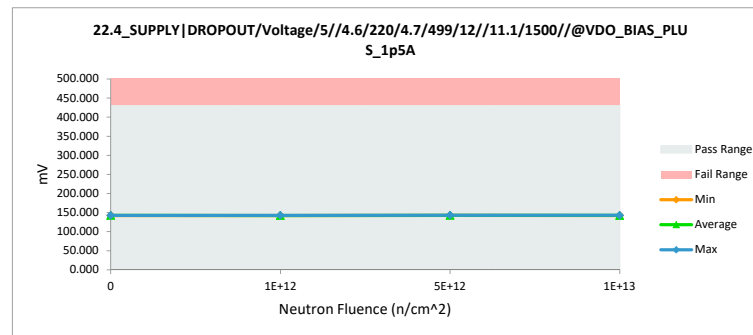
NDD Report TPS7H1111-SP

22.4_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	430	430
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	144.124	142.595	-1.529
0	287	153.845	142.396	-11.449
1E+12	169	148.644	142.400	-6.244
1E+12	170	148.940	142.530	-6.410
1E+12	171	149.097	142.065	-7.032
5E+12	172	148.959	142.932	-6.027
5E+12	173	148.708	142.843	-5.865
5E+12	174	153.704	142.253	-11.451
1E+13	175	153.764	142.476	-11.288
1E+13	176	149.131	142.137	-6.994
1E+13	177	148.824	142.712	-6.112
	Max	153.845	142.932	-1.529
	Average	149.795	142.485	-7.309
	Min	144.124	142.065	-11.451
	Std Dev	2.922	0.276	3.014



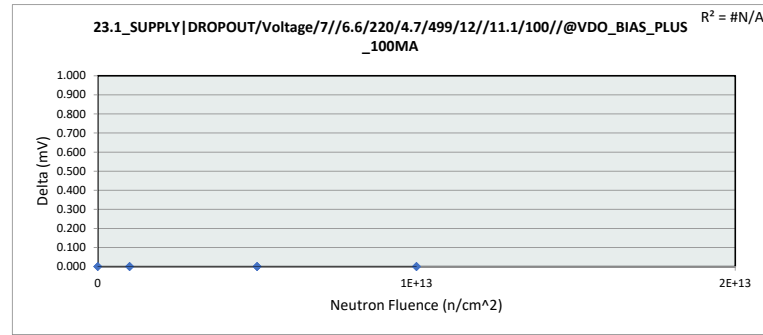
22.4_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	430 mV			
Min Limit	0.1 mV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	142.396	142.065	142.253	142.137
Average	142.496	142.332	142.676	142.442
Max	142.595	142.530	142.932	142.712
UL	430.000	430.000	430.000	430.000



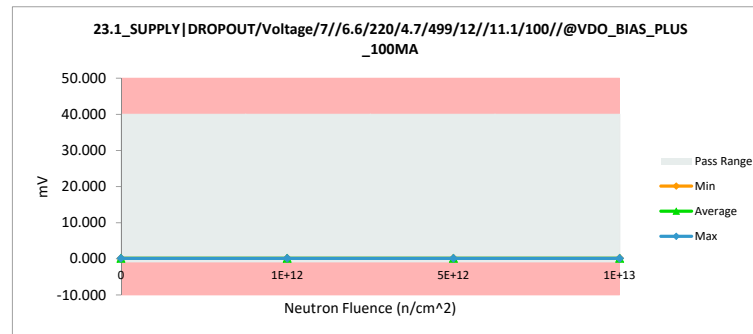
NDD Report TPS7H1111-SP

23.1_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	40	40
Min Limit	-1	-1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.110	0.110	0.000
0	287	0.110	0.110	0.000
1E+12	169	0.110	0.110	0.000
1E+12	170	0.110	0.110	0.000
1E+12	171	0.110	0.110	0.000
5E+12	172	0.110	0.110	0.000
5E+12	173	0.110	0.110	0.000
5E+12	174	0.110	0.110	0.000
1E+13	175	0.110	0.110	0.000
1E+13	176	0.110	0.110	0.000
1E+13	177	0.110	0.110	0.000
Max		0.110	0.110	0.000
Average		0.110	0.110	0.000
Min		0.110	0.110	0.000
Std Dev		0.000	0.000	0.000



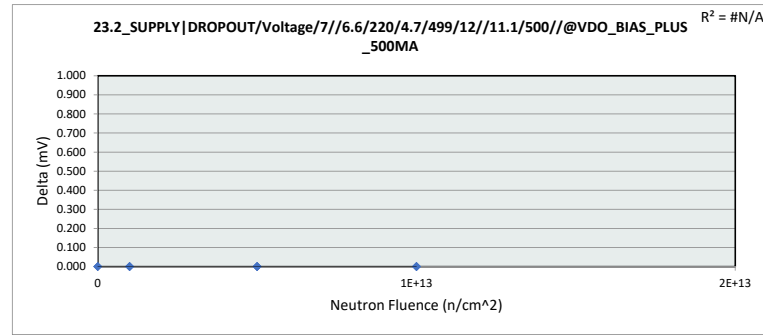
23.1_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	40	mV		
Min Limit	-1	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1.000	-1.000	-1.000	-1.000
Min	0.110	0.110	0.110	0.110
Average	0.110	0.110	0.110	0.110
Max	0.110	0.110	0.110	0.110
UL	40.000	40.000	40.000	40.000



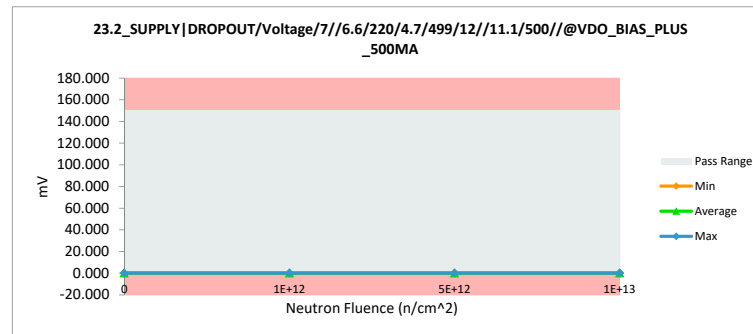
NDD Report TPS7H1111-SP

23.2_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	150	150
Min Limit	-1	-1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.110	0.110	0.000
0	287	0.110	0.110	0.000
1E+12	169	0.110	0.110	0.000
1E+12	170	0.110	0.110	0.000
1E+12	171	0.110	0.110	0.000
5E+12	172	0.110	0.110	0.000
5E+12	173	0.110	0.110	0.000
5E+12	174	0.110	0.110	0.000
1E+13	175	0.110	0.110	0.000
1E+13	176	0.110	0.110	0.000
1E+13	177	0.110	0.110	0.000
Max		0.110	0.110	0.000
Average		0.110	0.110	0.000
Min		0.110	0.110	0.000
Std Dev		0.000	0.000	0.000



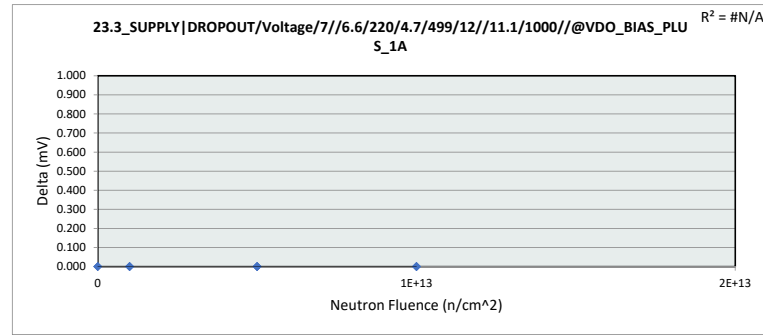
23.2_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	150	mV		
Min Limit	-1	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1.000	-1.000	-1.000	-1.000
Min	0.110	0.110	0.110	0.110
Average	0.110	0.110	0.110	0.110
Max	0.110	0.110	0.110	0.110
UL	150.000	150.000	150.000	150.000



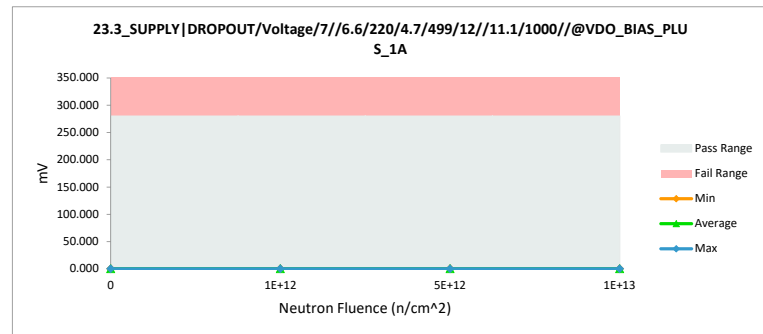
NDD Report TPS7H1111-SP

23.3_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	280	280
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.110	0.110	0.000
0	287	0.110	0.110	0.000
1E+12	169	0.110	0.110	0.000
1E+12	170	0.110	0.110	0.000
1E+12	171	0.110	0.110	0.000
5E+12	172	0.110	0.110	0.000
5E+12	173	0.110	0.110	0.000
5E+12	174	0.110	0.110	0.000
1E+13	175	0.110	0.110	0.000
1E+13	176	0.110	0.110	0.000
1E+13	177	0.110	0.110	0.000
Max	0.110	0.110	0.000	
Average	0.110	0.110	0.000	
Min	0.110	0.110	0.000	
Std Dev	0.000	0.000	0.000	



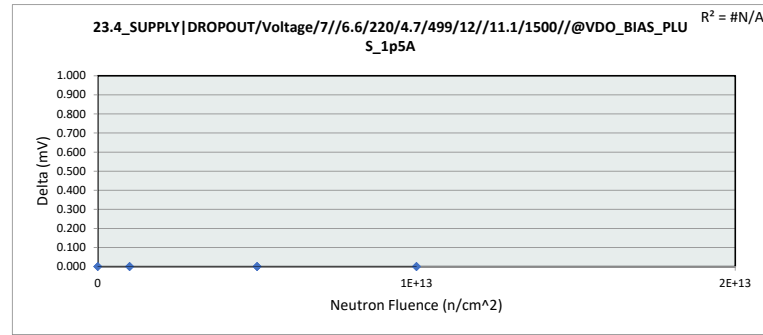
23.3_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	280	mV		
Min Limit	0.1	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	0.110	0.110	0.110	0.110
Average	0.110	0.110	0.110	0.110
Max	0.110	0.110	0.110	0.110
UL	280.000	280.000	280.000	280.000



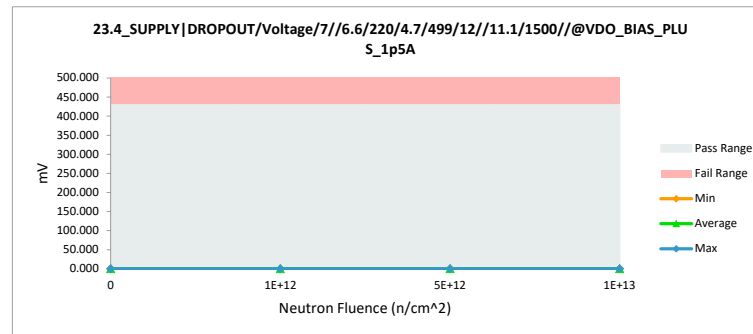
NDD Report TPS7H1111-SP

23.4_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	430	430
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.110	0.110	0.000
0	287	0.110	0.110	0.000
1E+12	169	0.110	0.110	0.000
1E+12	170	0.110	0.110	0.000
1E+12	171	0.110	0.110	0.000
5E+12	172	0.110	0.110	0.000
5E+12	173	0.110	0.110	0.000
5E+12	174	0.110	0.110	0.000
1E+13	175	0.110	0.110	0.000
1E+13	176	0.110	0.110	0.000
1E+13	177	0.110	0.110	0.000
Max	0.110	0.110	0.000	
Average	0.110	0.110	0.000	
Min	0.110	0.110	0.000	
Std Dev	0.000	0.000	0.000	



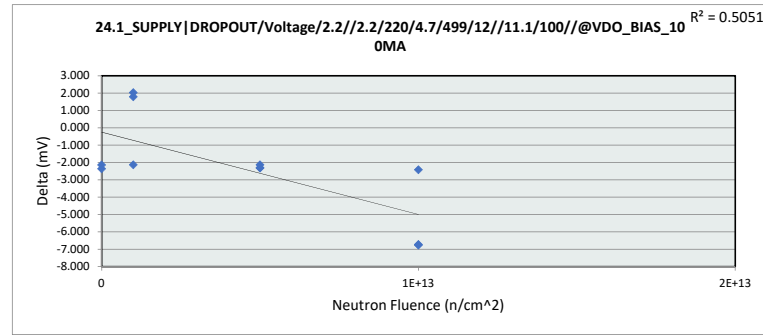
23.4_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	430	mV		
Min Limit	0.1	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	0.110	0.110	0.110	0.110
Average	0.110	0.110	0.110	0.110
Max	0.110	0.110	0.110	0.110
UL	430.000	430.000	430.000	430.000



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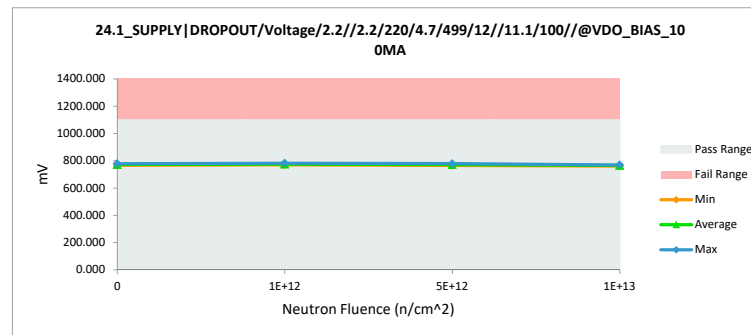
24.1_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1100	1100
Min Limit	0.1	0.1

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	767.647	765.500	-2.147
0	287	780.415	778.044	-2.371
1E+12	169	780.557	782.344	1.787
1E+12	170	776.080	773.939	-2.141
1E+12	171	767.827	769.849	2.022
5E+12	172	771.945	769.635	-2.310
5E+12	173	780.536	778.396	-2.140
5E+12	174	767.710	765.387	-2.323
1E+13	175	776.243	769.510	-6.733
1E+13	176	767.776	765.354	-2.422
1E+13	177	767.758	760.993	-6.765
	Max	780.557	782.344	2.022
	Average	773.136	770.814	-2.322
	Min	767.647	760.993	-6.765
	Std Dev	5.727	6.637	2.740



24.1_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1100	mV
Min Limit	0.1	mV

Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	765.500	769.849	765.387	760.993
Average	771.772	775.377	771.139	765.286
Max	778.044	782.344	778.396	769.510
UL	1100.000	1100.000	1100.000	1100.000

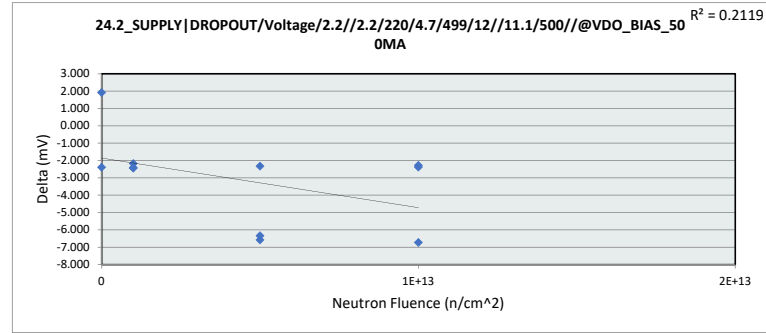


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24.2_SUPPLY|DROPOUT/Voltage

Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1150	1150
Min Limit	0.1	0.1

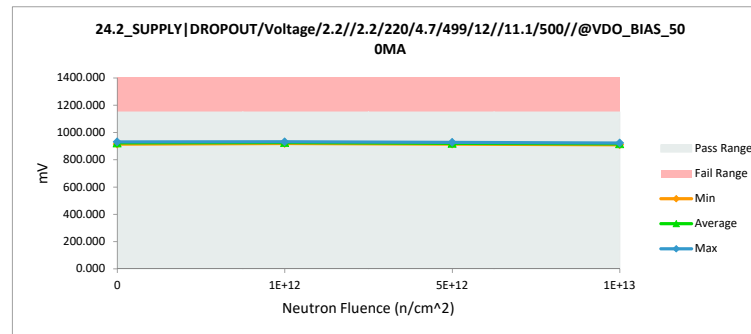
Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	916.690	914.298	-2.392
0	287	929.515	931.423	1.908
1E+12	169	933.730	931.311	-2.419
1E+12	170	929.366	926.922	-2.444
1E+12	171	920.999	918.816	-2.183
5E+12	172	925.061	918.716	-6.345
5E+12	173	929.466	927.138	-2.328
5E+12	174	920.882	914.298	-6.584
1E+13	175	925.174	922.888	-2.286
1E+13	176	921.119	918.733	-2.386
1E+13	177	916.745	910.017	-6.728
	Max	933.730	931.423	1.908
	Average	924.432	921.324	-3.108
	Min	916.690	910.017	-6.728
	Std Dev	5.633	7.181	2.548



24.2_SUPPLY|DROPOUT/Voltage

Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	1150 mV
Min Limit	0.1 mV

Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	914.298	918.816	914.298	910.017
Average	922.861	925.683	920.051	917.213
Max	931.423	931.311	927.138	922.888
UL	1150.000	1150.000	1150.000	1150.000

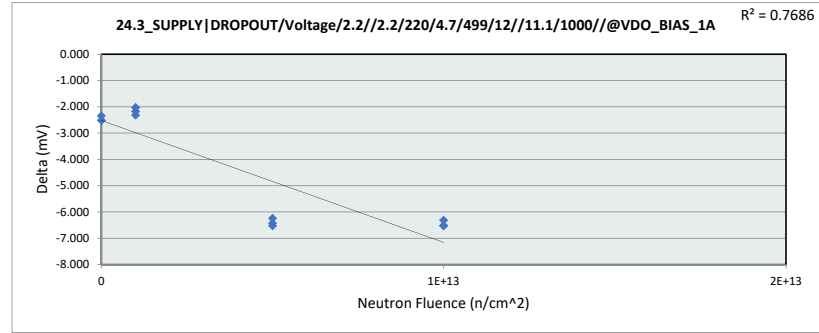


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24.3_SUPPLY|DROPOUT/Voltage

Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1250	1250
Min Limit	0.1	0.1

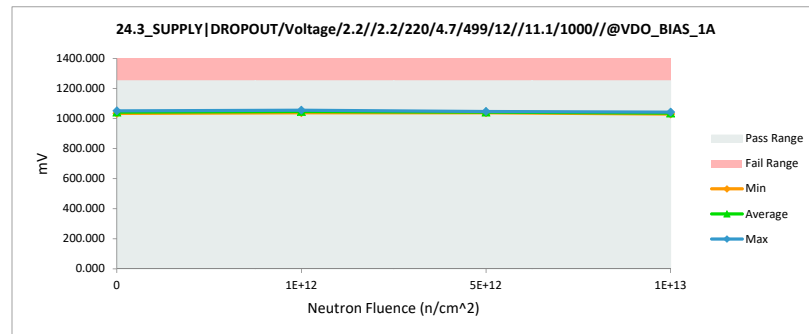
Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1035.981	1033.460	-2.521
0	287	1052.878	1050.529	-2.349
1E+12	169	1057.263	1054.942	-2.321
1E+12	170	1048.713	1046.537	-2.176
1E+12	171	1040.008	1037.979	-2.029
5E+12	172	1048.537	1042.007	-6.530
5E+12	173	1052.604	1046.357	-6.247
5E+12	174	1044.359	1037.929	-6.430
1E+13	175	1048.538	1042.221	-6.317
1E+13	176	1044.313	1037.782	-6.531
1E+13	177	1035.696	1029.179	-6.517
	Max	1057.263	1054.942	-2.029
	Average	1046.263	1041.720	-4.543
	Min	1035.696	1029.179	-6.531
	Std Dev	6.966	7.529	2.172



24.3_SUPPLY|DROPOUT/Voltage

Test Site	Dallas
Tester	ETS-364
Test Number	EB5445
Max Limit	1250 mV
Min Limit	0.1 mV

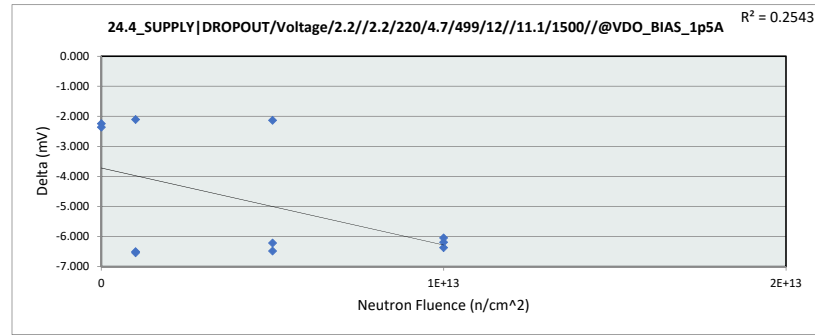
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	1033.460	1037.979	1037.929	1029.179
Average	1041.995	1046.486	1042.098	1036.394
Max	1050.529	1054.942	1046.357	1042.221
UL	1250.000	1250.000	1250.000	1250.000



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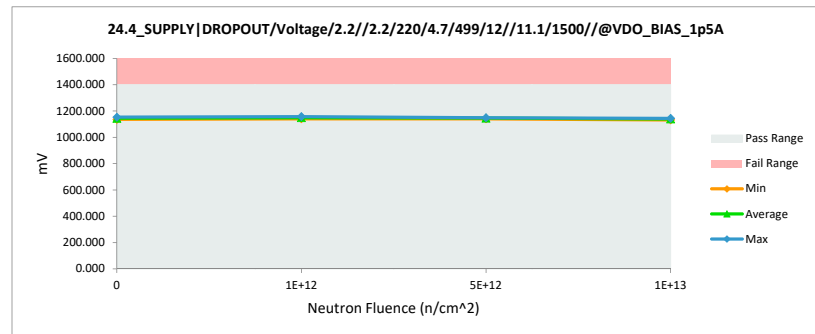
24.4_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1400	1400
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1137.964	1135.600	-2.364
0	287	1154.974	1152.725	-2.249
1E+12	169	1159.133	1157.025	-2.108
1E+12	170	1154.939	1148.394	-6.545
1E+12	171	1146.346	1139.836	-6.510
5E+12	172	1150.577	1148.444	-2.133
5E+12	173	1154.926	1148.440	-6.486
5E+12	174	1146.116	1139.898	-6.218
1E+13	175	1150.407	1144.360	-6.047
1E+13	176	1146.352	1139.978	-6.374
1E+13	177	1137.849	1131.658	-6.191
	Max	1159.133	1157.025	-2.108
	Average	1149.053	1144.214	-4.839
	Min	1137.849	1131.658	-6.545
	Std Dev	6.940	7.599	2.087



24.4_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1400	mV
Min Limit	0.1	mV

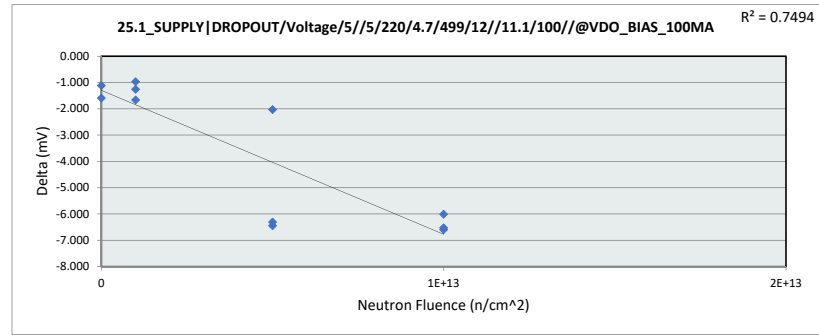
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	1135.600	1139.836	1139.898	1131.658
Average	1144.163	1148.418	1145.594	1138.665
Max	1152.725	1157.025	1148.444	1144.360
UL	1400.000	1400.000	1400.000	1400.000



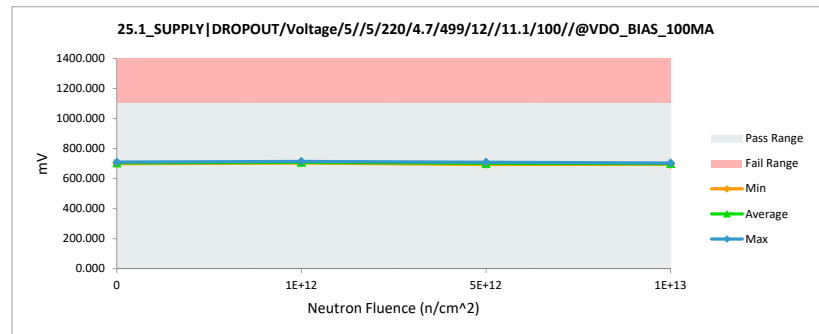
NDD Report TPS7H1111-SP

25.1_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1100	1100
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	700.825	699.228	-1.597
0	287	710.733	709.616	-1.117
1E+12	169	715.977	714.307	-1.670
1E+12	170	705.738	704.476	-1.262
1E+12	171	705.587	704.614	-0.973
5E+12	172	705.808	699.497	-6.311
5E+12	173	711.329	709.295	-2.034
5E+12	174	700.855	694.407	-6.448
1E+13	175	711.029	704.428	-6.601
1E+13	176	705.759	699.228	-6.531
1E+13	177	700.742	694.728	-6.014
	Max	715.977	714.307	-0.973
	Average	706.762	703.075	-3.687
	Min	700.742	694.407	-6.601
	Std Dev	5.005	6.332	2.599



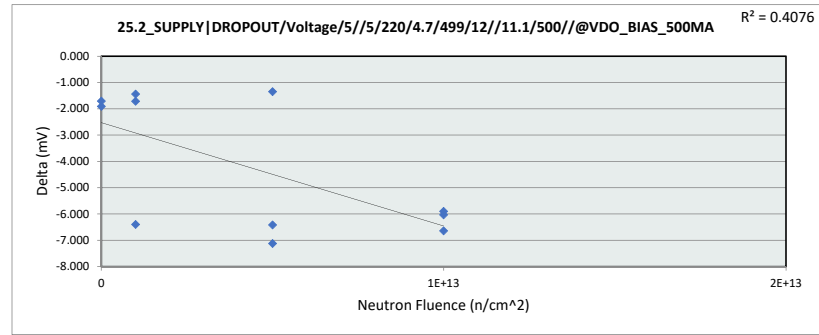
25.1_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1100 mV			
Min Limit	0.1 mV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	699.228	704.476	694.407	694.728
Average	704.422	707.799	701.066	699.461
Max	709.616	714.307	709.295	704.428
UL	1100.000	1100.000	1100.000	1100.000



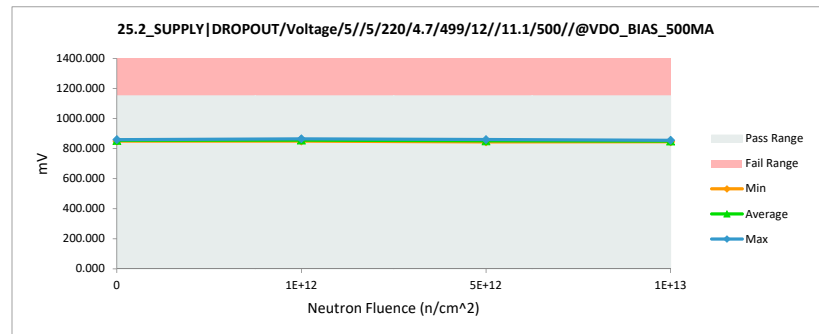
NDD Report TPS7H1111-SP

25.2_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1150	1150
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	851.162	849.453	-1.709
0	287	861.184	859.276	-1.908
1E+12	169	866.314	864.871	-1.443
1E+12	170	856.188	854.475	-1.713
1E+12	171	855.925	849.522	-6.403
5E+12	172	855.918	849.496	-6.422
5E+12	173	860.987	859.634	-1.353
5E+12	174	851.531	844.405	-7.126
1E+13	175	860.801	854.766	-6.035
1E+13	176	856.096	849.453	-6.643
1E+13	177	850.853	844.952	-5.901
	Max	866.314	864.871	-1.353
	Average	856.996	852.755	-4.241
	Min	850.853	844.405	-7.126
	Std Dev	4.901	6.459	2.528



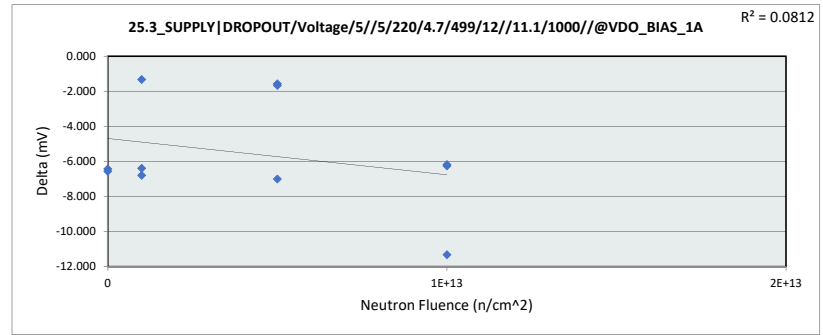
25.2_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1150 mV			
Min Limit	0.1 mV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	849.453	849.522	844.405	844.952
Average	854.365	856.289	851.178	849.724
Max	859.276	864.871	859.634	854.766
UL	1150.000	1150.000	1150.000	1150.000



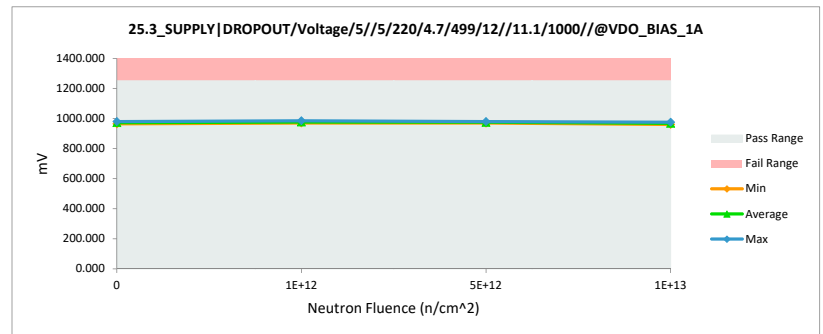
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25.3_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1250	1250
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	971.183	964.610	-6.573
0	287	986.069	979.637	-6.432
1E+12	169	986.222	984.893	-1.329
1E+12	170	981.412	974.610	-6.802
1E+12	171	976.285	969.883	-6.402
5E+12	172	976.052	974.382	-1.670
5E+12	173	981.234	979.655	-1.579
5E+12	174	976.303	969.291	-7.012
1E+13	175	981.161	974.901	-6.260
1E+13	176	976.004	969.813	-6.191
1E+13	177	971.326	959.997	-11.329
	Max	986.222	984.893	-1.329
	Average	978.477	972.879	-5.598
	Min	971.183	959.997	-11.329
	Std Dev	5.166	7.147	2.986



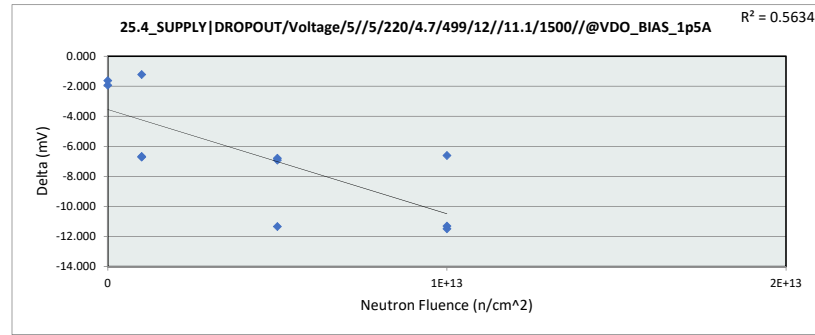
25.3_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1250	mV		
Min Limit	0.1	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	964.610	969.883	969.291	959.997
Average	972.124	976.462	974.443	968.237
Max	979.637	984.893	979.655	974.901
UL	1250.000	1250.000	1250.000	1250.000



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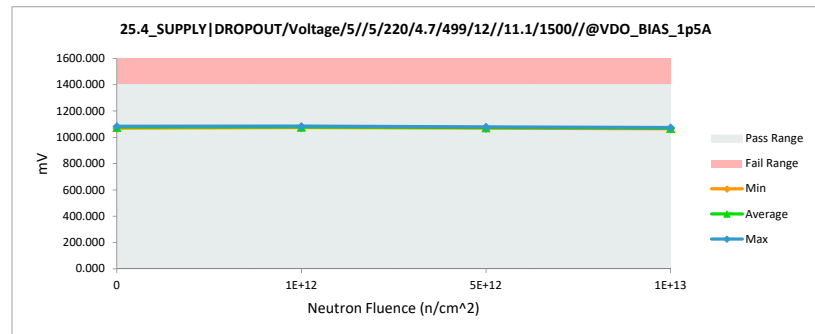
25.4_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1400	1400
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1071.181	1069.586	-1.595
0	287	1086.633	1084.726	-1.907
1E+12	169	1091.311	1084.666	-6.645
1E+12	170	1086.501	1079.812	-6.689
1E+12	171	1076.057	1074.860	-1.197
5E+12	172	1081.480	1074.720	-6.760
5E+12	173	1086.210	1079.315	-6.895
5E+12	174	1081.053	1069.743	-11.310
1E+13	175	1086.363	1074.900	-11.463
1E+13	176	1081.093	1069.813	-11.280
1E+13	177	1071.324	1064.747	-6.577
	Max	1091.311	1084.726	-1.197
	Average	1081.746	1075.172	-6.574
	Min	1071.181	1064.747	-11.463
	Std Dev	6.579	6.470	3.796



25.4_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1400	mV
Min Limit	0.1	mV

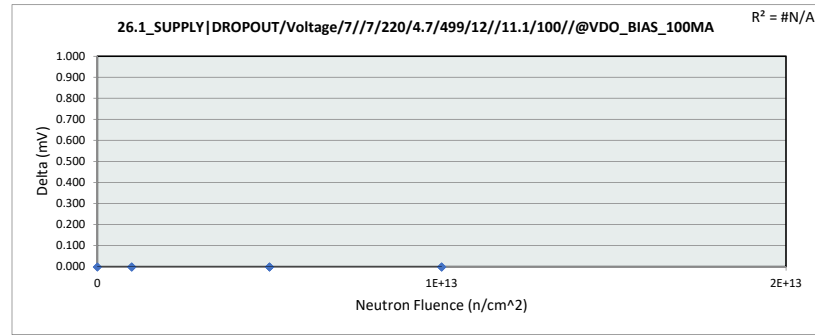
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	1069.586	1074.860	1069.743	1064.747
Average	1077.156	1079.779	1074.593	1069.820
Max	1084.726	1084.666	1079.315	1074.900
UL	1400.000	1400.000	1400.000	1400.000



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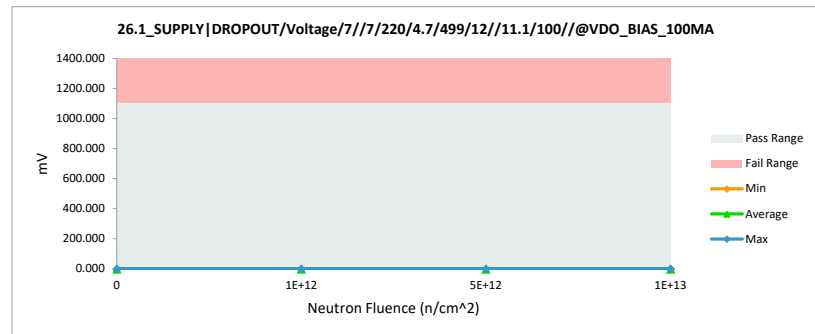
26.1_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1100	1100
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.110	0.110	0.000
0	287	0.110	0.110	0.000
1E+12	169	0.110	0.110	0.000
1E+12	170	0.110	0.110	0.000
1E+12	171	0.110	0.110	0.000
5E+12	172	0.110	0.110	0.000
5E+12	173	0.110	0.110	0.000
5E+12	174	0.110	0.110	0.000
1E+13	175	0.110	0.110	0.000
1E+13	176	0.110	0.110	0.000
1E+13	177	0.110	0.110	0.000
Max	0.110	0.110	0.000	
Average	0.110	0.110	0.000	
Min	0.110	0.110	0.000	
Std Dev	0.000	0.000	0.000	



26.1_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1100	mV
Min Limit	0.1	mV

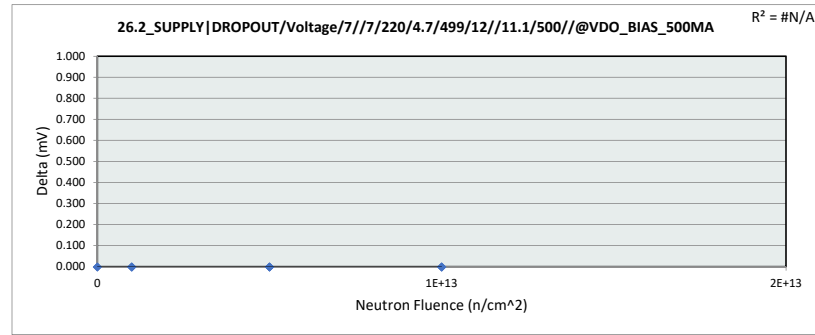
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	0.110	0.110	0.110	0.110
Average	0.110	0.110	0.110	0.110
Max	0.110	0.110	0.110	0.110
UL	1100.000	1100.000	1100.000	1100.000



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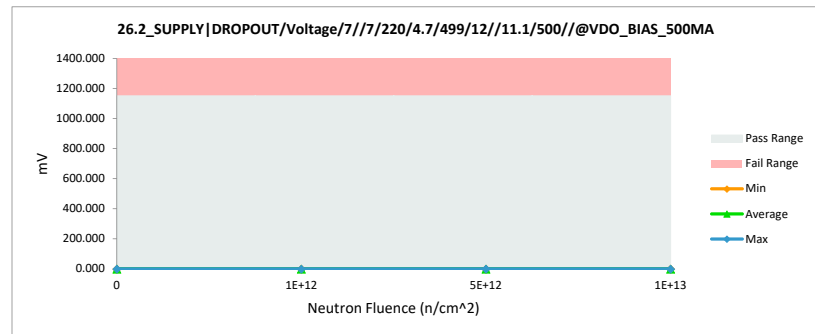
26.2_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1150	1150
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.110	0.110	0.000
0	287	0.110	0.110	0.000
1E+12	169	0.110	0.110	0.000
1E+12	170	0.110	0.110	0.000
1E+12	171	0.110	0.110	0.000
5E+12	172	0.110	0.110	0.000
5E+12	173	0.110	0.110	0.000
5E+12	174	0.110	0.110	0.000
1E+13	175	0.110	0.110	0.000
1E+13	176	0.110	0.110	0.000
1E+13	177	0.110	0.110	0.000
Max		0.110	0.110	0.000
Average		0.110	0.110	0.000
Min		0.110	0.110	0.000
Std Dev		0.000	0.000	0.000



26.2_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1150	mV
Min Limit	0.1	mV

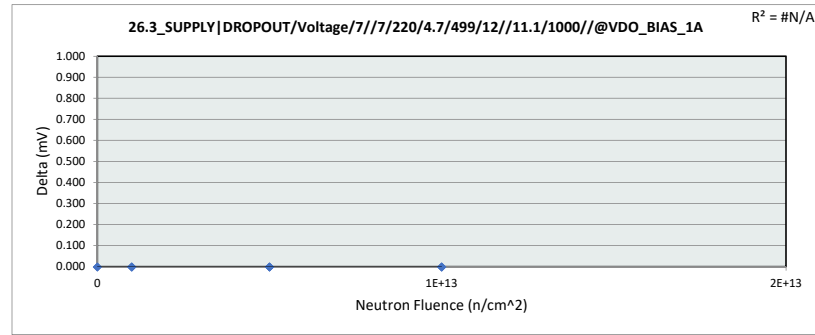
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	0.110	0.110	0.110	0.110
Average	0.110	0.110	0.110	0.110
Max	0.110	0.110	0.110	0.110
UL	1150.000	1150.000	1150.000	1150.000



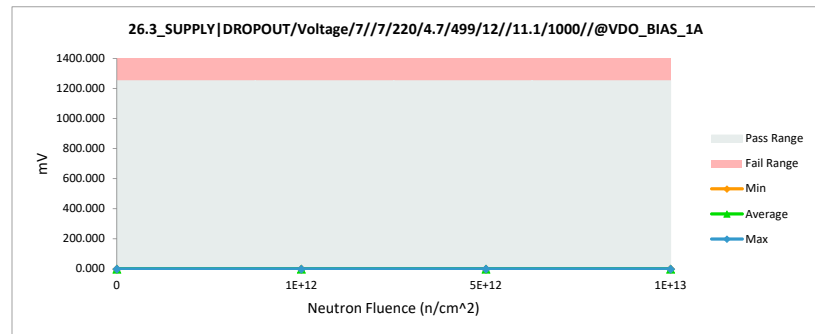
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26.3_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1250	1250
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.110	0.110	0.000
0	287	0.110	0.110	0.000
1E+12	169	0.110	0.110	0.000
1E+12	170	0.110	0.110	0.000
1E+12	171	0.110	0.110	0.000
5E+12	172	0.110	0.110	0.000
5E+12	173	0.110	0.110	0.000
5E+12	174	0.110	0.110	0.000
1E+13	175	0.110	0.110	0.000
1E+13	176	0.110	0.110	0.000
1E+13	177	0.110	0.110	0.000
Max		0.110	0.110	0.000
Average		0.110	0.110	0.000
Min		0.110	0.110	0.000
Std Dev		0.000	0.000	0.000



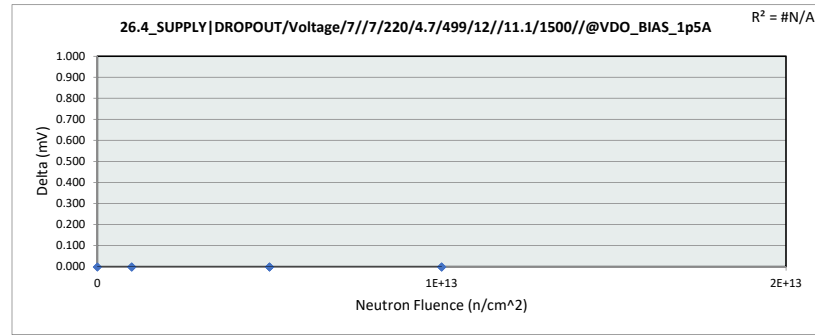
26.3_SUPPLY DROPOUT/Voltage				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	1250 mV			
Min Limit	0.1 mV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	0.110	0.110	0.110	0.110
Average	0.110	0.110	0.110	0.110
Max	0.110	0.110	0.110	0.110
UL	1250.000	1250.000	1250.000	1250.000



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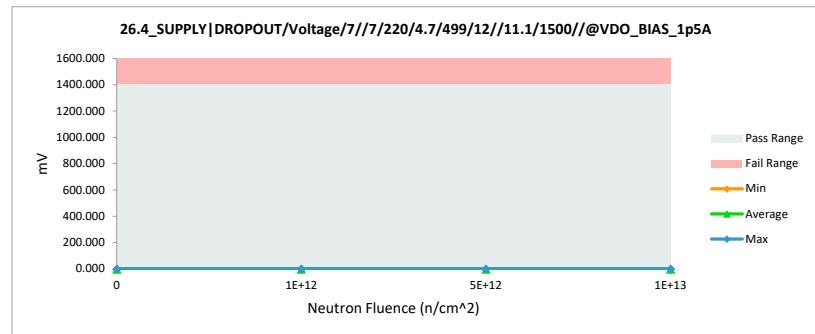
26.4_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	1400	1400
Min Limit	0.1	0.1

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.110	0.110	0.000
0	287	0.110	0.110	0.000
1E+12	169	0.110	0.110	0.000
1E+12	170	0.110	0.110	0.000
1E+12	171	0.110	0.110	0.000
5E+12	172	0.110	0.110	0.000
5E+12	173	0.110	0.110	0.000
5E+12	174	0.110	0.110	0.000
1E+13	175	0.110	0.110	0.000
1E+13	176	0.110	0.110	0.000
1E+13	177	0.110	0.110	0.000
Max		0.110	0.110	0.000
Average		0.110	0.110	0.000
Min		0.110	0.110	0.000
Std Dev		0.000	0.000	0.000



26.4_SUPPLY DROPOUT/Voltage		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	1400	mV
Min Limit	0.1	mV

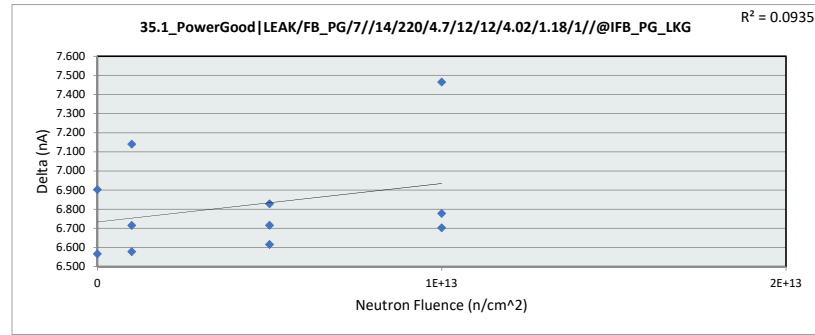
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	0.110	0.110	0.110	0.110
Average	0.110	0.110	0.110	0.110
Max	0.110	0.110	0.110	0.110
UL	1400.000	1400.000	1400.000	1400.000



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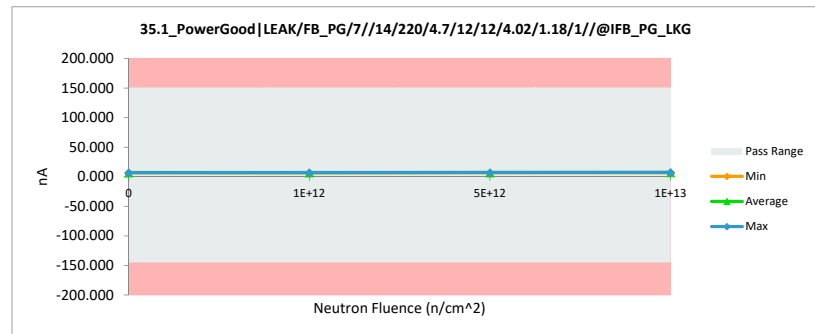
35.1_PowerGood LEAK/FB_PG/7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	nA	nA
Max Limit	150	150
Min Limit	-145	-145

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.241	7.146	6.905
0	287	0.391	6.959	6.568
1E+12	169	0.179	6.759	6.580
1E+12	170	0.029	7.171	7.142
1E+12	171	0.329	7.046	6.717
5E+12	172	0.341	7.171	6.830
5E+12	173	0.266	6.984	6.718
5E+12	174	0.391	7.009	6.618
1E+13	175	0.241	6.946	6.705
1E+13	176	0.316	7.096	6.780
1E+13	177	0.042	7.509	7.467
Max	0.391	7.509	7.467	
Average	0.251	7.072	6.821	
Min	0.029	6.759	6.568	
Std Dev	0.125	0.189	0.270	



35.1_PowerGood LEAK/FB_PG		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	150	nA
Min Limit	-145	nA

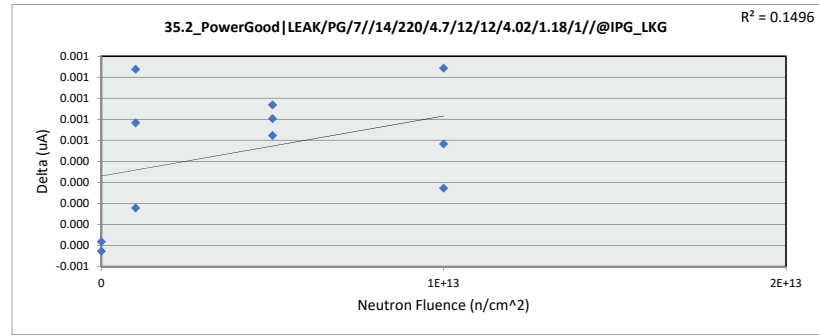
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-145.000	-145.000	-145.000	-145.000
Min	6.959	6.759	6.984	6.946
Average	7.053	6.992	7.055	7.184
Max	7.146	7.171	7.171	7.509
UL	150.000	150.000	150.000	150.000



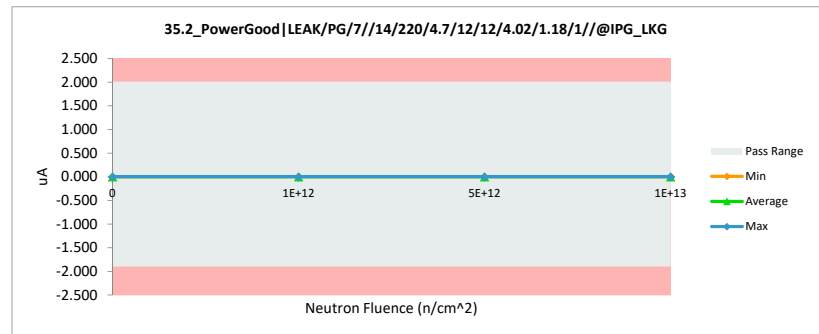
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35.2_PowerGood LEAK/PG/7//		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	2	2
Min Limit	-1.9	-1.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.002	0.002	0.000
0	287	0.003	0.002	0.000
1E+12	169	0.002	0.002	0.000
1E+12	170	0.002	0.003	0.001
1E+12	171	0.002	0.003	0.001
5E+12	172	0.002	0.003	0.001
5E+12	173	0.002	0.003	0.001
5E+12	174	0.002	0.003	0.001
1E+13	175	0.002	0.003	0.001
1E+13	176	0.003	0.003	0.000
1E+13	177	0.002	0.003	0.001
Max	0.003	0.003	0.001	
Average	0.002	0.003	0.001	
Min	0.002	0.002	0.000	
Std Dev	0.000	0.000	0.001	



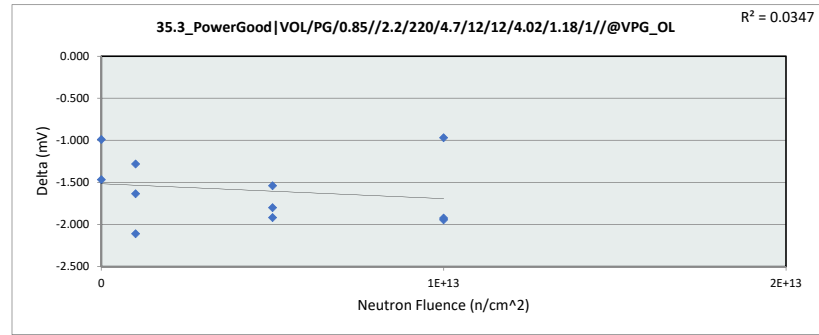
35.2_PowerGood LEAK/PG/7//				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	2 uA			
Min Limit	-1.9 uA			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1.900	-1.900	-1.900	-1.900
Min	0.002	0.002	0.003	0.003
Average	0.002	0.003	0.003	0.003
Max	0.002	0.003	0.003	0.003
UL	2.000	2.000	2.000	2.000



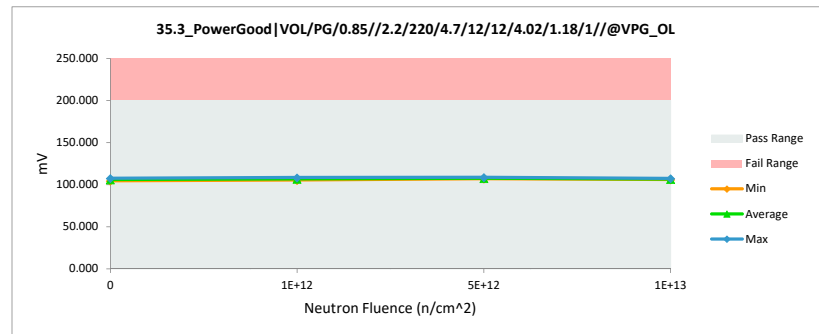
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35.3_PowerGood VOL/PG/0.85/		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	200	200
Min Limit	0	0

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	105.662	104.676	-0.986
0	287	109.096	107.633	-1.463
1E+12	169	107.541	105.436	-2.105
1E+12	170	109.745	108.469	-1.276
1E+12	171	108.286	106.657	-1.629
5E+12	172	110.685	108.889	-1.796
5E+12	173	109.116	107.203	-1.913
5E+12	174	108.626	107.092	-1.534
1E+13	175	109.336	107.418	-1.918
1E+13	176	108.301	106.362	-1.939
1E+13	177	107.052	106.087	-0.965
Max		110.685	108.889	-0.965
Average		108.495	106.902	-1.593
Min		105.662	104.676	-2.105
Std Dev		1.376	1.243	0.389



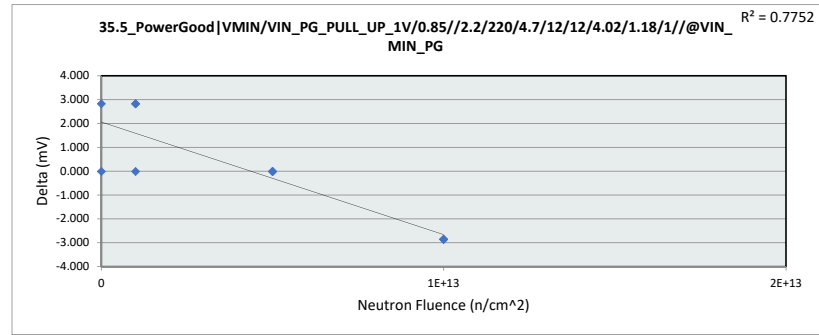
35.3_PowerGood VOL/PG/0.85/				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	200	mV		
Min Limit	0	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.000	0.000	0.000	0.000
Min	104.676	105.436	107.092	106.087
Average	106.155	106.854	107.728	106.622
Max	107.633	108.469	108.889	107.418
UL	200.000	200.000	200.000	200.000



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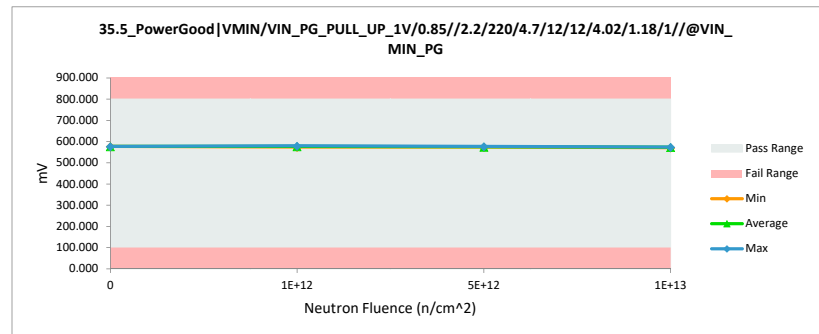
35.5_PowerGood VMIN/VIN_PG		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	800	800
Min Limit	100	100

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	574.247	577.090	2.843
0	287	577.090	577.090	0.000
1E+12	169	574.247	577.090	2.843
1E+12	170	574.247	574.247	0.000
1E+12	171	577.090	579.933	2.843
5E+12	172	574.247	574.247	0.000
5E+12	173	577.090	577.090	0.000
5E+12	174	574.247	574.247	0.000
1E+13	175	577.090	574.247	-2.843
1E+13	176	574.247	571.405	-2.842
1E+13	177	577.090	574.247	-2.843
	Max	577.090	579.933	2.843
	Average	575.539	575.539	0.000
	Min	574.247	571.405	-2.843
	Std Dev	1.485	2.332	2.202



35.5_PowerGood VMIN/VIN_PG		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	800	mV
Min Limit	100	mV

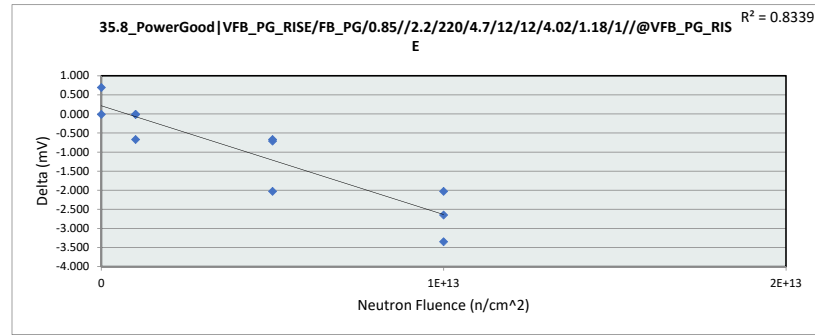
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	100.000	100.000	100.000	100.000
Min	577.090	574.247	574.247	571.405
Average	577.090	577.090	575.195	573.300
Max	577.090	579.933	577.090	574.247
UL	800.000	800.000	800.000	800.000



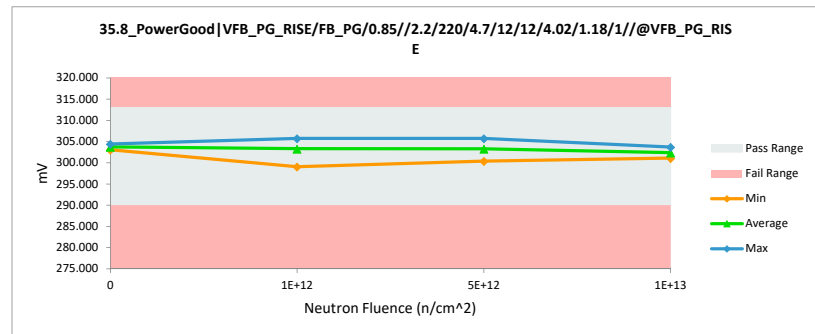
NDD Report TPS7H1111-SP

35.8_PowerGood VFB_PG_RISE/		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	313	313
Min Limit	290	290

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	303.727	304.428	0.701
0	287	303.068	303.068	0.000
1E+12	169	299.070	299.070	0.000
1E+12	170	305.088	305.088	0.000
1E+12	171	306.407	305.747	-0.660
5E+12	172	304.428	303.727	-0.701
5E+12	173	306.407	305.747	-0.660
5E+12	174	302.408	300.389	-2.019
1E+13	175	303.727	301.089	-2.638
1E+13	176	305.747	302.408	-3.339
1E+13	177	305.747	303.727	-2.020
	Max	306.407	305.747	0.701
	Average	304.166	303.135	-1.031
	Min	299.070	299.070	-3.339
	Std Dev	2.159	2.205	1.282



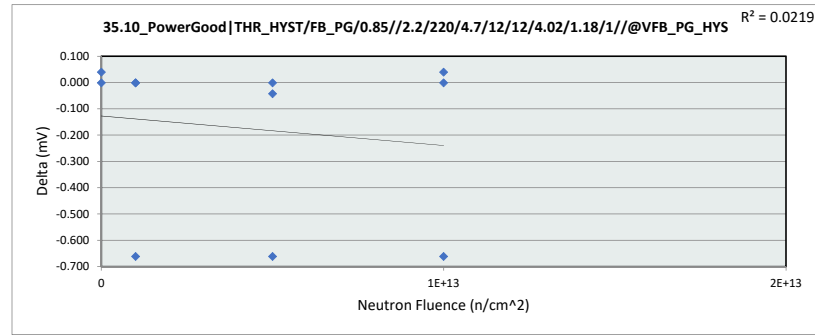
35.8_PowerGood VFB_PG_RIS				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	313 mV			
Min Limit	290 mV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	290.000	290.000	290.000	290.000
Min	303.068	299.070	300.389	301.089
Average	303.748	303.302	303.288	302.408
Max	304.428	305.747	305.747	303.727
UL	313.000	313.000	313.000	313.000



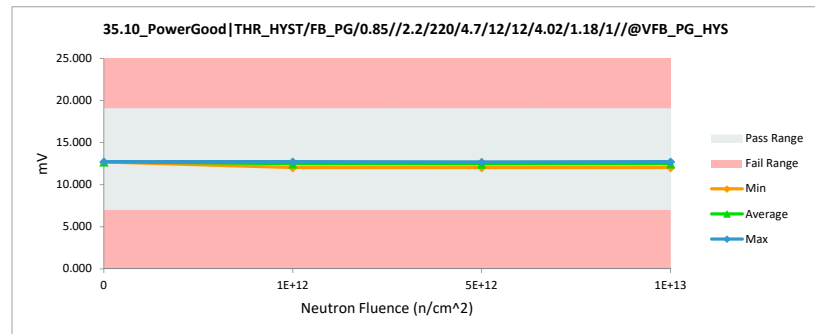
NDD Report TPS7H1111-SP

35.10_PowerGood THR_HYST/FB		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	19	19
Min Limit	7	7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	12.696	12.737	0.041
0	287	12.696	12.696	0.000
1E+12	169	12.696	12.696	0.000
1E+12	170	12.737	12.737	0.000
1E+12	171	12.696	12.036	-0.660
5E+12	172	12.737	12.696	-0.041
5E+12	173	12.696	12.696	0.000
5E+12	174	12.696	12.036	-0.660
1E+13	175	12.696	12.737	0.041
1E+13	176	12.696	12.036	-0.660
1E+13	177	12.696	12.696	0.000
Max		12.737	12.737	0.041
Average		12.703	12.527	-0.176
Min		12.696	12.036	-0.660
Std Dev		0.017	0.316	0.311



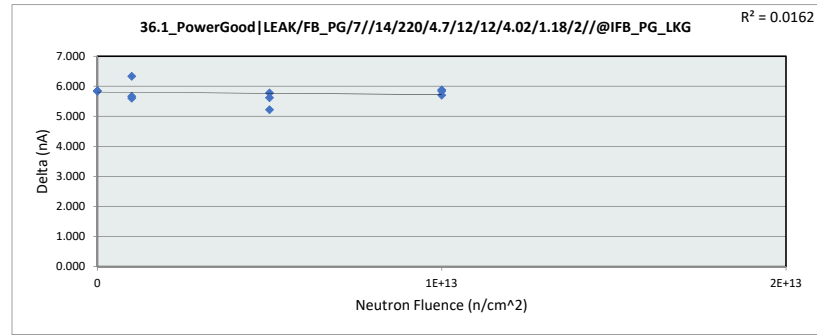
35.10_PowerGood THR_HYST/FB				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	19	mV		
Min Limit	7	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	7.000	7.000	7.000	7.000
Min	12.696	12.036	12.036	12.036
Average	12.717	12.490	12.476	12.490
Max	12.737	12.737	12.696	12.737
UL	19.000	19.000	19.000	19.000



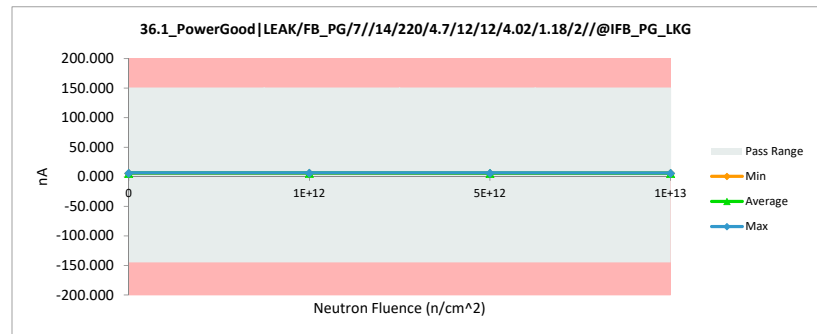
NDD Report TPS7H1111-SP

36.1_PowerGood LEAK/FB_PG/7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	nA	nA
Max Limit	150	150
Min Limit	-145	-145

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.329	6.171	5.842
0	287	0.641	6.509	5.868
1E+12	169	0.516	6.134	5.618
1E+12	170	0.641	6.321	5.680
1E+12	171	0.316	6.659	6.343
5E+12	172	0.778	6.571	5.793
5E+12	173	0.803	6.034	5.231
5E+12	174	0.741	6.371	5.630
1E+13	175	0.541	6.434	5.893
1E+13	176	0.366	6.221	5.855
1E+13	177	0.603	6.321	5.718
Max	0.803	6.659	6.343	
Average	0.570	6.341	5.770	
Min	0.316	6.034	5.231	
Std Dev	0.175	0.193	0.266	



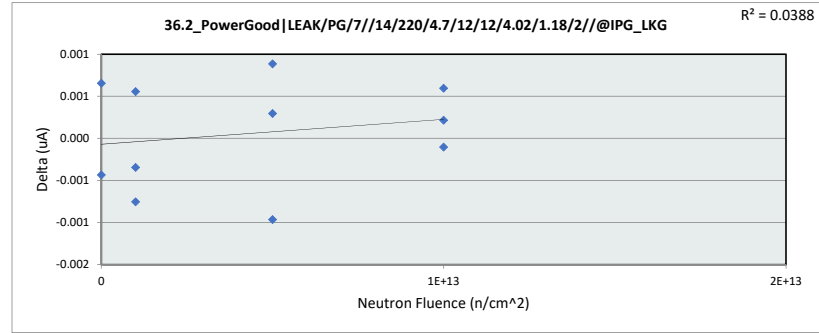
36.1_PowerGood LEAK/FB_PG/7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	150 nA			
Min Limit	-145 nA			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-145.000	-145.000	-145.000	-145.000
Min	6.171	6.134	6.034	6.221
Average	6.340	6.371	6.325	6.325
Max	6.509	6.659	6.571	6.434
UL	150.000	150.000	150.000	150.000



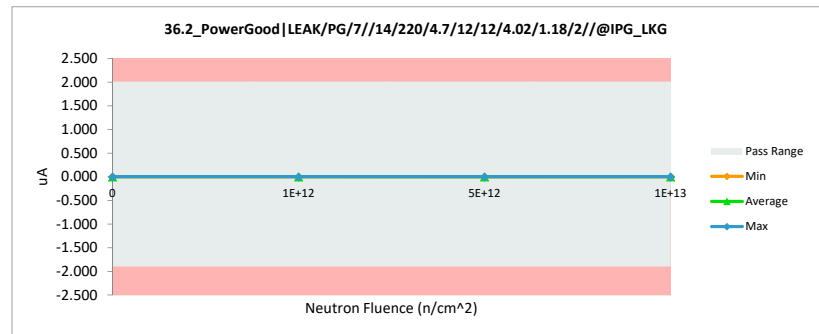
NDD Report TPS7H1111-SP

36.2_PowerGood LEAK/PG/7//		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	2	2
Min Limit	-1.9	-1.9

Neutron Fluence (n/cm^2)	Serial #	Pre	Post	Delta
0	285	0.002	0.002	0.001
0	287	0.003	0.002	0.000
1E+12	169	0.002	0.002	0.000
1E+12	170	0.002	0.002	-0.001
1E+12	171	0.002	0.003	0.001
5E+12	172	0.003	0.003	0.000
5E+12	173	0.002	0.001	-0.001
5E+12	174	0.002	0.003	0.001
1E+13	175	0.003	0.003	0.000
1E+13	176	0.002	0.002	0.000
1E+13	177	0.002	0.003	0.001
Max	0.003	0.003	0.001	
Average	0.002	0.002	0.000	
Min	0.002	0.001	-0.001	
Std Dev	0.000	0.001	0.001	



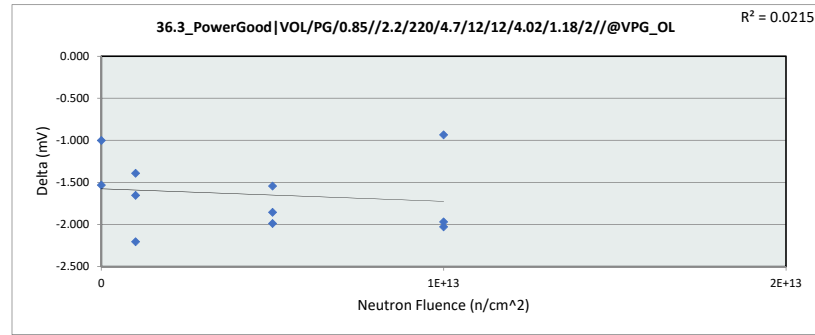
36.2_PowerGood LEAK/PG/7//				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	2	uA		
Min Limit	-1.9	uA		
Neutron Fluence (n/cm^2)	0	1E+12	5E+12	1E+13
LL	-1.900	-1.900	-1.900	-1.900
Min	0.002	0.002	0.001	0.002
Average	0.002	0.002	0.003	0.003
Max	0.002	0.003	0.003	0.003
UL	2.000	2.000	2.000	2.000



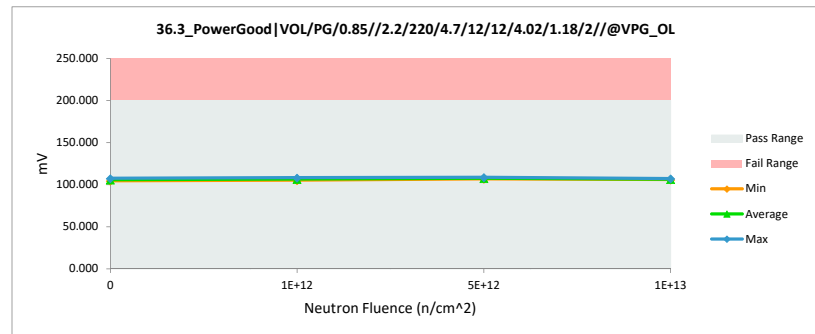
NDD Report TPS7H1111-SP

36.3_PowerGood VOL/PG/0.85/		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	200	200
Min Limit	0	0

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	105.552	104.556	-0.996
0	287	109.026	107.498	-1.528
1E+12	169	107.471	105.271	-2.200
1E+12	170	109.700	108.313	-1.387
1E+12	171	108.176	106.527	-1.649
5E+12	172	110.585	108.734	-1.851
5E+12	173	109.036	107.052	-1.984
5E+12	174	108.506	106.967	-1.539
1E+13	175	109.266	107.243	-2.023
1E+13	176	108.221	106.257	-1.964
1E+13	177	106.922	105.992	-0.930
	Max	110.585	108.734	-0.930
	Average	108.406	106.765	-1.641
	Min	105.552	104.556	-2.200
	Std Dev	1.388	1.232	0.416



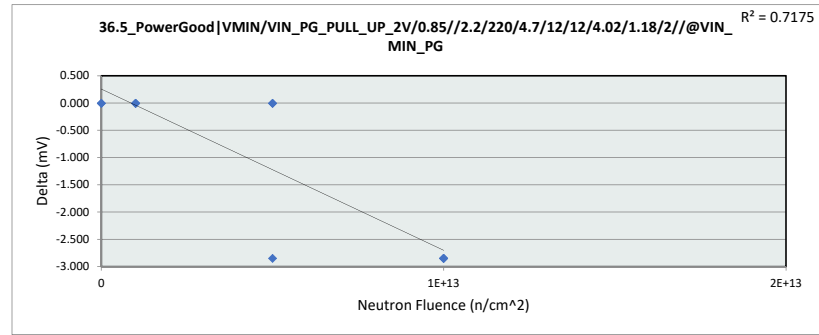
36.3_PowerGood VOL/PG/0.85/				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	200	mV		
Min Limit	0	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.000	0.000	0.000	0.000
Min	104.556	105.271	106.967	105.992
Average	106.027	106.704	107.584	106.497
Max	107.498	108.313	108.734	107.243
UL	200.000	200.000	200.000	200.000



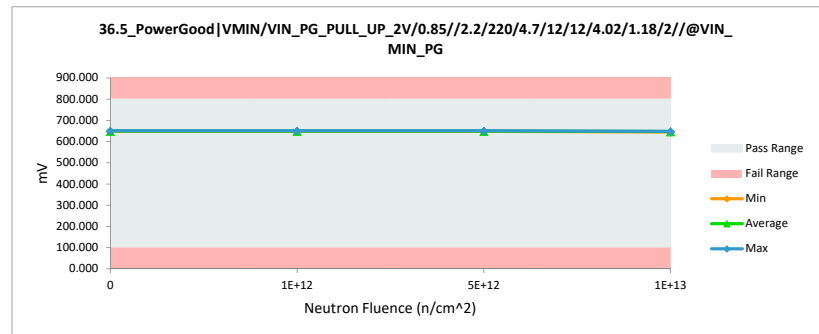
NDD Report TPS7H1111-SP

36.5_PowerGood VMIN/VIN_PG		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	800	800
Min Limit	100	100

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	648.161	648.161	0.000
0	287	651.003	651.003	0.000
1E+12	169	651.003	651.003	0.000
1E+12	170	648.161	648.161	0.000
1E+12	171	651.003	651.003	0.000
5E+12	172	648.161	648.161	0.000
5E+12	173	653.846	651.003	-2.843
5E+12	174	648.161	648.161	0.000
1E+13	175	651.003	648.161	-2.842
1E+13	176	648.161	645.318	-2.843
1E+13	177	651.003	648.161	-2.842
Max	653.846	651.003	0.000	
Average	649.970	648.936	-1.034	
Min	648.161	645.318	-2.843	
Std Dev	1.916	1.838	1.434	



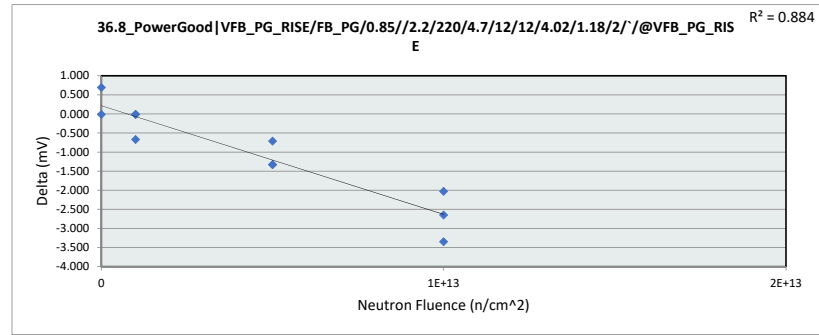
36.5_PowerGood VMIN/VIN_PG				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	800 mV			
Min Limit	100 mV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	100.000	100.000	100.000	100.000
Min	648.161	648.161	648.161	645.318
Average	649.582	650.056	649.108	647.213
Max	651.003	651.003	651.003	648.161
UL	800.000	800.000	800.000	800.000



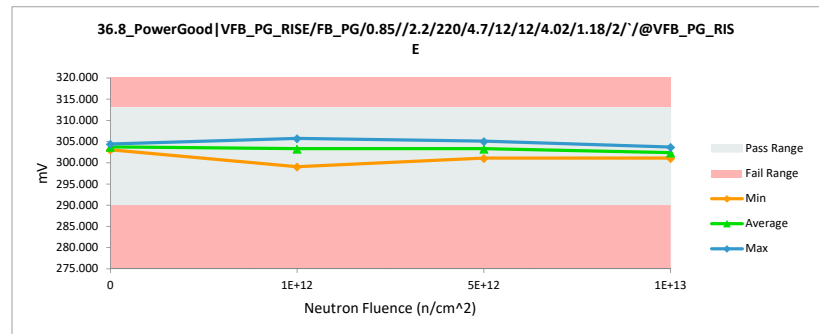
NDD Report TPS7H1111-SP

36.8_PowerGood VFB_PG_RISE/		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	313	313
Min Limit	290	290

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	303.727	304.428	0.701
0	287	303.068	303.068	0.000
1E+12	169	299.070	299.070	0.000
1E+12	170	305.088	305.088	0.000
1E+12	171	306.407	305.747	-0.660
5E+12	172	304.428	303.727	-0.701
5E+12	173	306.407	305.088	-1.319
5E+12	174	302.408	301.089	-1.319
1E+13	175	303.727	301.089	-2.638
1E+13	176	305.747	302.408	-3.339
1E+13	177	305.747	303.727	-2.020
Max		306.407	305.747	0.701
Average		304.166	303.139	-1.027
Min		299.070	299.070	-3.339
Std Dev		2.159	2.056	1.245



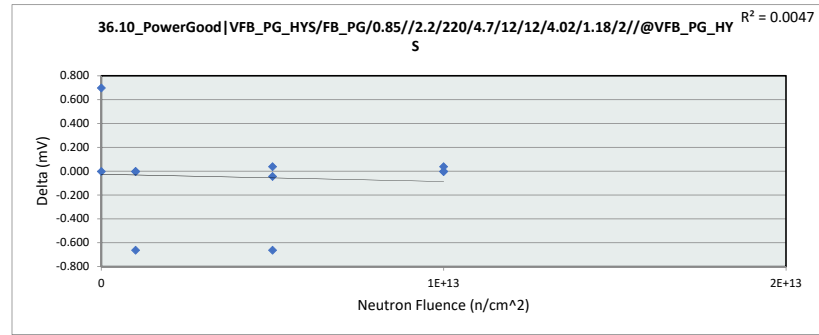
36.8_PowerGood VFB_PG_RIS				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	313 mV			
Min Limit	290 mV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	290.000	290.000	290.000	290.000
Min	303.068	299.070	301.089	301.089
Average	303.748	303.302	303.301	302.408
Max	304.428	305.747	305.088	303.727
UL	313.000	313.000	313.000	313.000



NDD Report TPS7H1111-SP

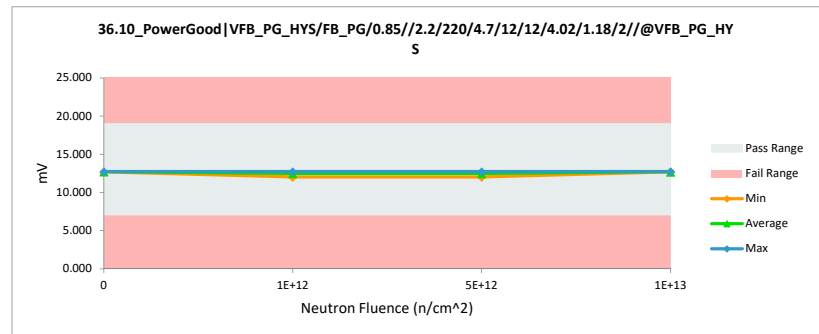
36.10_PowerGood VFB_PG_HYS		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	19	19
Min Limit	7	7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	12.036	12.737	0.701
0	287	12.696	12.696	0.000
1E+12	169	12.696	12.696	0.000
1E+12	170	12.737	12.737	0.000
1E+12	171	12.696	12.036	-0.660
5E+12	172	12.737	12.696	-0.041
5E+12	173	12.696	12.036	-0.660
5E+12	174	12.696	12.737	0.041
1E+13	175	12.696	12.737	0.041
1E+13	176	12.696	12.696	0.000
1E+13	177	12.696	12.696	0.000
Max		12.737	12.737	0.701
Average		12.643	12.591	-0.053
Min		12.036	12.036	-0.660
Std Dev		0.202	0.275	0.366



36.10_PowerGood VFB_PG_HYS		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	19	mV
Min Limit	7	mV

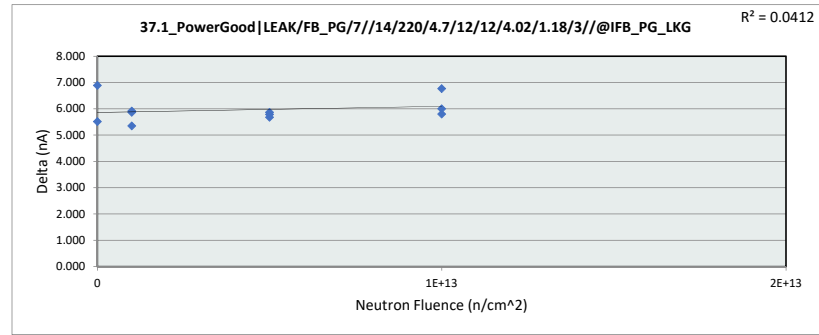
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	7.000	7.000	7.000	7.000
Min	12.696	12.036	12.036	12.696
Average	12.717	12.490	12.490	12.710
Max	12.737	12.737	12.737	12.737
UL	19.000	19.000	19.000	19.000



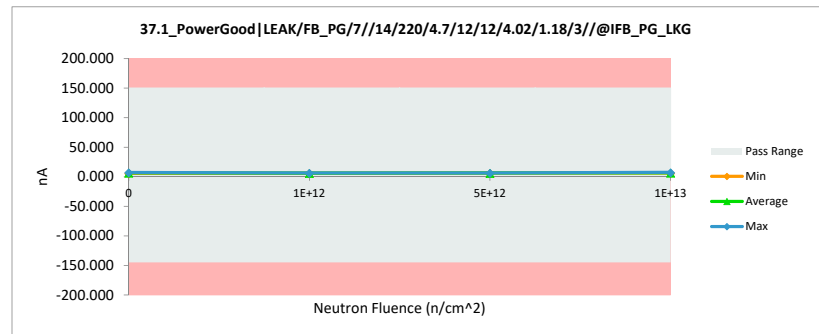
NDD Report TPS7H1111-SP

37.1_PowerGood LEAK/FB_PG/7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	nA	nA
Max Limit	150	150
Min Limit	-145	-145

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.316	5.846	5.530
0	287	0.529	7.434	6.905
1E+12	169	0.529	6.459	5.930
1E+12	170	0.603	6.484	5.881
1E+12	171	0.628	5.996	5.368
5E+12	172	0.504	6.309	5.805
5E+12	173	0.591	6.284	5.693
5E+12	174	0.504	6.384	5.880
1E+13	175	0.566	7.346	6.780
1E+13	176	0.541	6.359	5.818
1E+13	177	0.416	6.434	6.018
Max		0.628	7.434	6.905
Average		0.521	6.485	5.964
Min		0.316	5.846	5.368
Std Dev		0.089	0.489	0.473



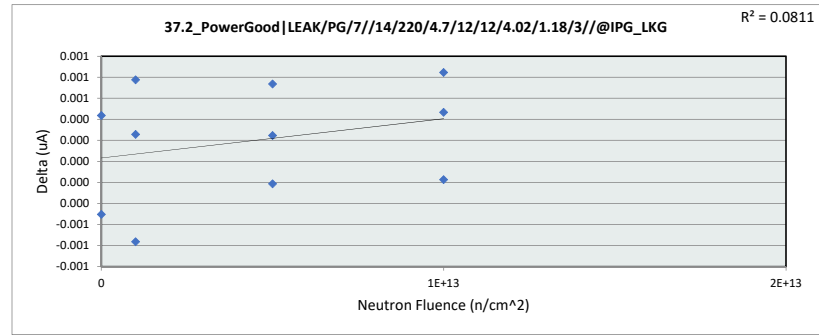
37.1_PowerGood LEAK/FB_PG/7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	150 nA			
Min Limit	-145 nA			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-145.000	-145.000	-145.000	-145.000
Min	5.846	5.996	6.284	6.359
Average	6.640	6.313	6.326	6.713
Max	7.434	6.484	6.384	7.346
UL	150.000	150.000	150.000	150.000



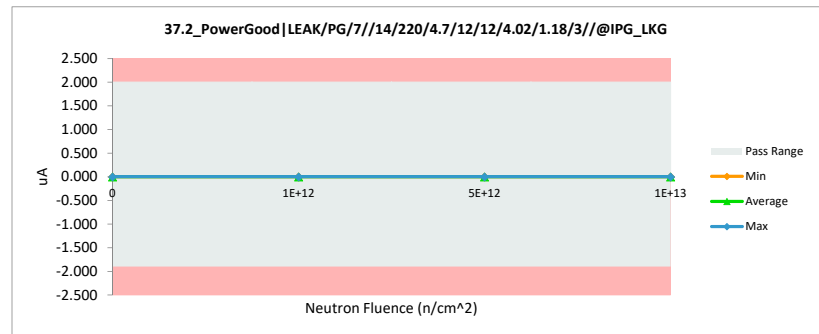
NDD Report TPS7H1111-SP

37.2_PowerGood LEAK/PG/7//		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	uA	uA
Max Limit	2	2
Min Limit	-1.9	-1.9

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.002	0.003	0.000
0	287	0.003	0.002	0.000
1E+12	169	0.002	0.003	0.000
1E+12	170	0.002	0.003	0.001
1E+12	171	0.003	0.002	-0.001
5E+12	172	0.002	0.003	0.001
5E+12	173	0.002	0.002	0.000
5E+12	174	0.002	0.002	0.000
1E+13	175	0.002	0.003	0.000
1E+13	176	0.002	0.003	0.001
1E+13	177	0.002	0.002	0.000
Max	0.003	0.003	0.001	
Average	0.002	0.003	0.000	
Min	0.002	0.002	-0.001	
Std Dev	0.000	0.000	0.001	



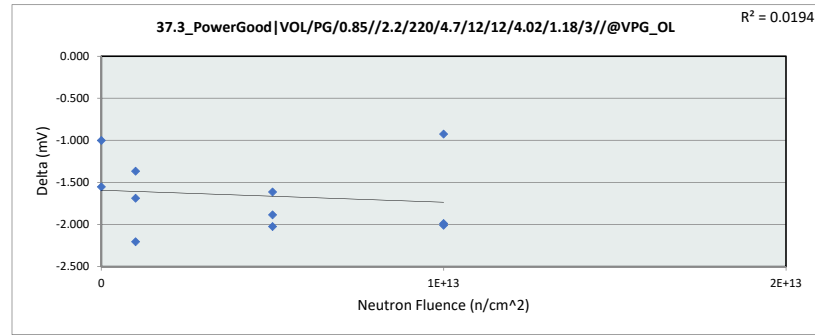
37.2_PowerGood LEAK/PG/7//				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	2	uA		
Min Limit	-1.9	uA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-1.900	-1.900	-1.900	-1.900
Min	0.002	0.002	0.002	0.002
Average	0.002	0.003	0.002	0.003
Max	0.003	0.003	0.003	0.003
UL	2.000	2.000	2.000	2.000



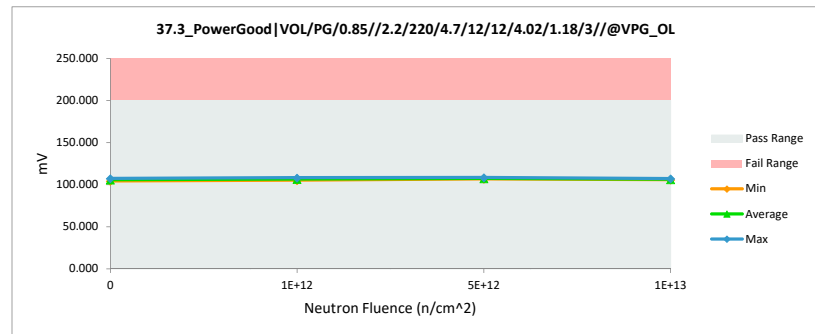
NDD Report TPS7H1111-SP

37.3_PowerGood VOL/PG/0.85/		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	200	200
Min Limit	0	0

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	105.457	104.460	-0.997
0	287	108.966	107.418	-1.548
1E+12	169	107.411	105.211	-2.200
1E+12	170	109.600	108.238	-1.362
1E+12	171	108.136	106.452	-1.684
5E+12	172	110.535	108.654	-1.881
5E+12	173	108.981	106.962	-2.019
5E+12	174	108.476	106.867	-1.609
1E+13	175	109.181	107.198	-1.983
1E+13	176	108.166	106.162	-2.004
1E+13	177	106.817	105.897	-0.920
Max		110.535	108.654	-0.920
Average		108.339	106.684	-1.655
Min		105.457	104.460	-2.200
Std Dev		1.396	1.236	0.422



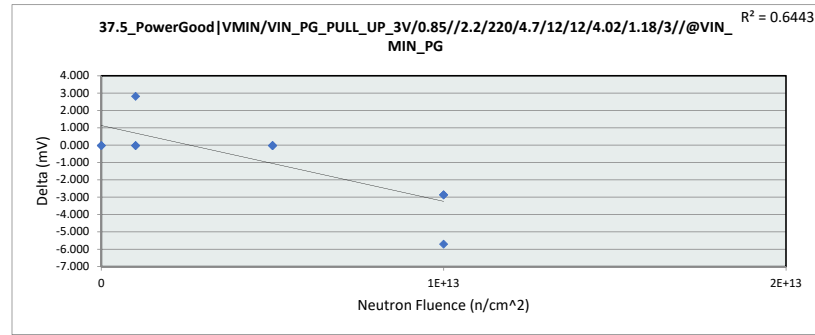
37.3_PowerGood VOL/PG/0.85/				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	200	mV		
Min Limit	0	mV		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	0.000	0.000	0.000	0.000
Min	104.460	105.211	106.867	105.897
Average	105.939	106.634	107.494	106.419
Max	107.418	108.238	108.654	107.198
UL	200.000	200.000	200.000	200.000



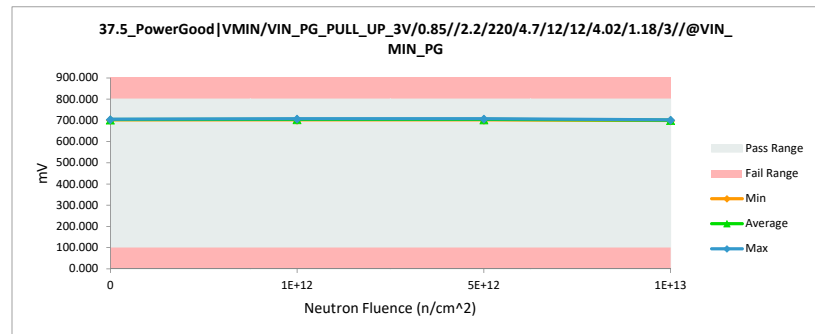
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37.5_PowerGood VMIN/VIN_PG		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	800	800
Min Limit	100	100

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	702.174	702.174	0.000
0	287	705.017	705.017	0.000
1E+12	169	705.017	705.017	0.000
1E+12	170	702.174	702.174	0.000
1E+12	171	705.017	707.860	2.843
5E+12	172	702.174	702.174	0.000
5E+12	173	707.860	707.860	0.000
5E+12	174	702.174	702.174	0.000
1E+13	175	707.860	702.174	-5.686
1E+13	176	702.174	699.331	-2.843
1E+13	177	705.017	702.174	-2.843
Max		707.860	707.860	2.843
Average		704.242	703.466	-0.775
Min		702.174	699.331	-5.686
Std Dev		2.235	2.656	2.235



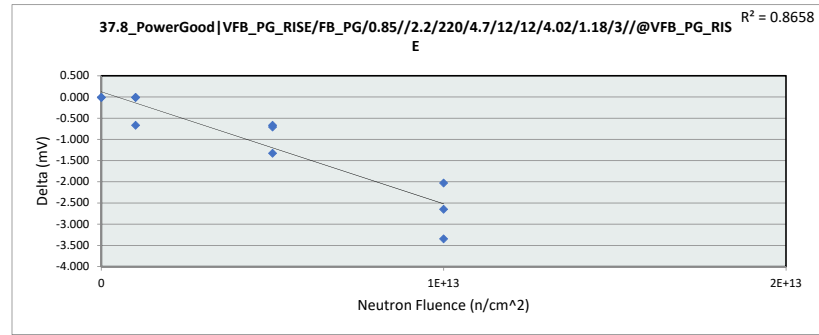
37.5_PowerGood VMIN/VIN_PG				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	800 mV			
Min Limit	100 mV			
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	100.000	100.000	100.000	100.000
Min	702.174	702.174	702.174	699.331
Average	703.596	705.017	704.069	701.226
Max	705.017	707.860	707.860	702.174
UL	800.000	800.000	800.000	800.000



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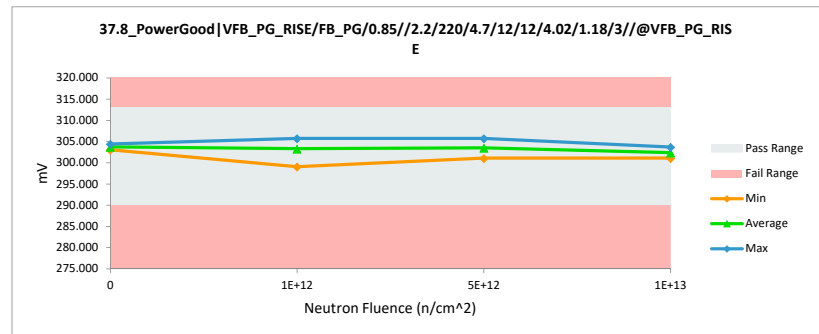
37.8_PowerGood VFB_PG_RISE/		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	313	313
Min Limit	290	290

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	304.428	304.428	0.000
0	287	303.068	303.068	0.000
1E+12	169	299.070	299.070	0.000
1E+12	170	305.088	305.088	0.000
1E+12	171	306.407	305.747	-0.660
5E+12	172	304.428	303.727	-0.701
5E+12	173	306.407	305.747	-0.660
5E+12	174	302.408	301.089	-1.319
1E+13	175	303.727	301.089	-2.638
1E+13	176	305.747	302.408	-3.339
1E+13	177	305.747	303.727	-2.020
Max		306.407	305.747	0.000
Average		304.230	303.199	-1.031
Min		299.070	299.070	-3.339
Std Dev		2.155	2.126	1.166



37.8_PowerGood VFB_PG_RIS		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	313	mV
Min Limit	290	mV

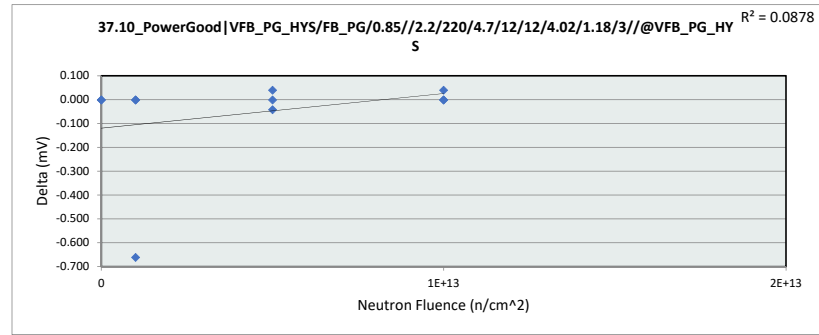
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	290.000	290.000	290.000	290.000
Min	303.068	299.070	301.089	301.089
Average	303.748	303.302	303.521	302.408
Max	304.428	305.747	305.747	303.727
UL	313.000	313.000	313.000	313.000



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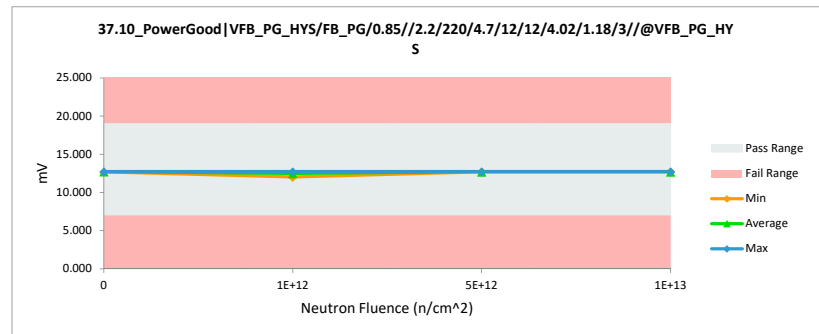
37.10_PowerGood VFB_PG_HYS		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	mV	mV
Max Limit	19	19
Min Limit	7	7

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	12.737	12.737	0.000
0	287	12.696	12.696	0.000
1E+12	169	12.696	12.696	0.000
1E+12	170	12.737	12.737	0.000
1E+12	171	12.696	12.036	-0.660
5E+12	172	12.737	12.696	-0.041
5E+12	173	12.696	12.696	0.000
5E+12	174	12.696	12.737	0.041
1E+13	175	12.696	12.737	0.041
1E+13	176	12.696	12.696	0.000
1E+13	177	12.696	12.696	0.000
Max		12.737	12.737	0.041
Average		12.707	12.651	-0.056
Min		12.696	12.036	-0.660
Std Dev		0.019	0.205	0.201



37.10_PowerGood VFB_PG_HYS		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	19	mV
Min Limit	7	mV

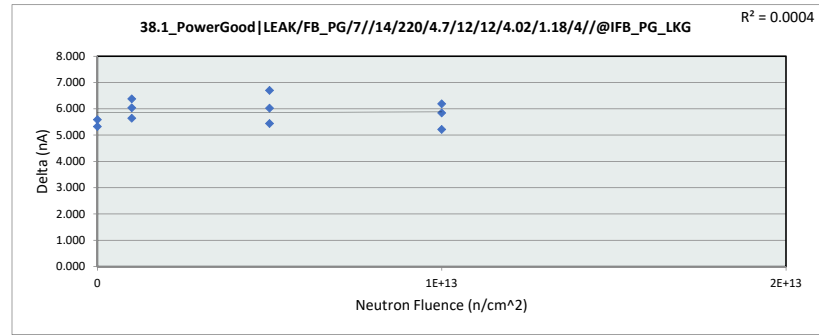
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	7.000	7.000	7.000	7.000
Min	12.696	12.036	12.696	12.696
Average	12.717	12.490	12.710	12.710
Max	12.737	12.737	12.737	12.737
UL	19.000	19.000	19.000	19.000



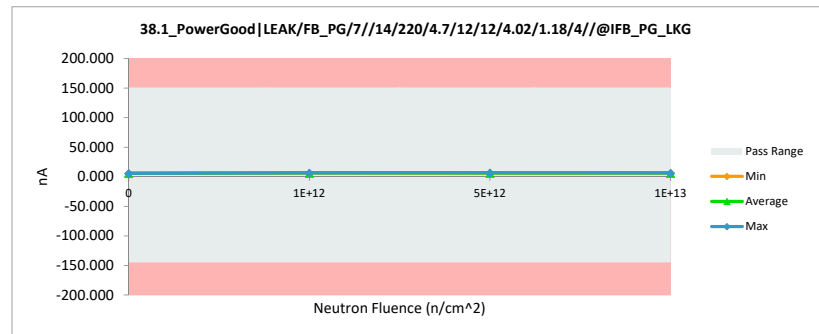
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38.1_PowerGood LEAK/FB_PG/7		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	nA	nA
Max Limit	150	150
Min Limit	-145	-145

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	0.479	6.084	5.605
0	287	0.491	5.834	5.343
1E+12	169	0.429	6.484	6.055
1E+12	170	0.316	6.709	6.393
1E+12	171	0.653	6.309	5.656
5E+12	172	0.553	6.596	6.043
5E+12	173	0.678	6.134	5.456
5E+12	174	0.379	7.096	6.717
1E+13	175	0.391	6.596	6.205
1E+13	176	0.866	6.096	5.230
1E+13	177	0.254	6.109	5.855
Max	0.866	7.096	6.717	
Average	0.499	6.368	5.869	
Min	0.254	5.834	5.230	
Std Dev	0.178	0.365	0.463	



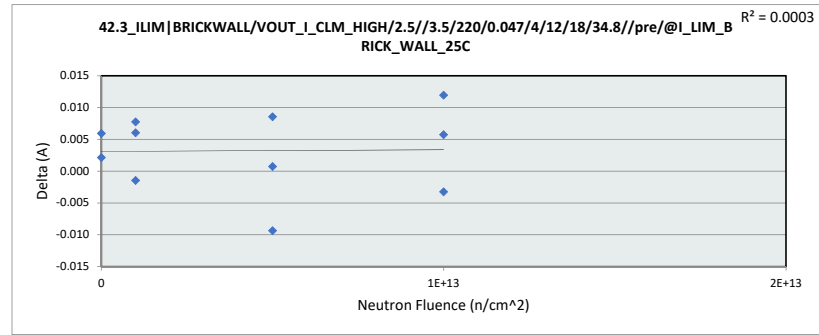
38.1_PowerGood LEAK/FB_PG/7				
Test Site	Dallas			
Tester	ETS-364			
Test Number	EB5445			
Max Limit	150	nA		
Min Limit	-145	nA		
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	-145.000	-145.000	-145.000	-145.000
Min	5.834	6.309	6.134	6.096
Average	5.959	6.501	6.609	6.267
Max	6.084	6.709	7.096	6.596
UL	150.000	150.000	150.000	150.000



NDD Report TPS7H1111-SP

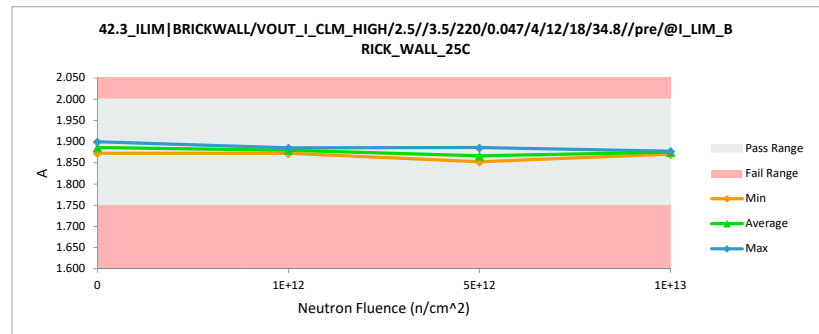
42.3_ILIM BRICKWALL/VOUT_I		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	A	A
Max Limit	2	2
Min Limit	1.75	1.75

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.870	1.872	0.002
0	287	1.893	1.899	0.006
1E+12	169	1.874	1.881	0.008
1E+12	170	1.887	1.885	-0.001
1E+12	171	1.866	1.872	0.006
5E+12	172	1.860	1.861	0.001
5E+12	173	1.877	1.886	0.009
5E+12	174	1.862	1.852	-0.009
1E+13	175	1.871	1.877	0.006
1E+13	176	1.865	1.877	0.012
1E+13	177	1.873	1.870	-0.003
Max	1.893	1.899	0.012	
Average	1.873	1.876	0.003	
Min	1.860	1.852	-0.009	
Std Dev	0.010	0.013	0.006	



42.3_ILIM BRICKWALL/VOUT_I		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	2	A
Min Limit	1.75	A

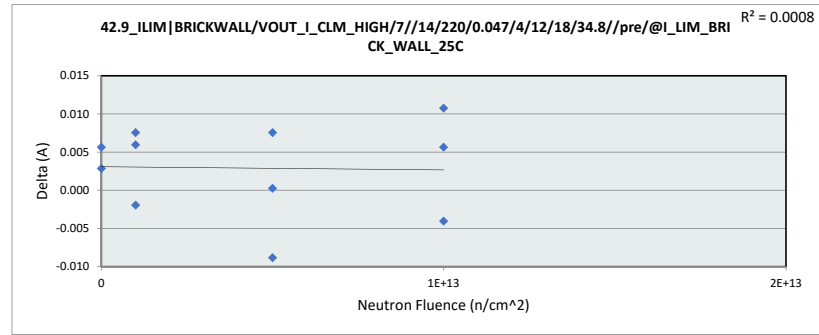
Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.750	1.750	1.750	1.750
Min	1.872	1.872	1.852	1.870
Average	1.886	1.880	1.866	1.875
Max	1.899	1.885	1.886	1.877
UL	2.000	2.000	2.000	2.000



NDD Report TPS7H1111-SP

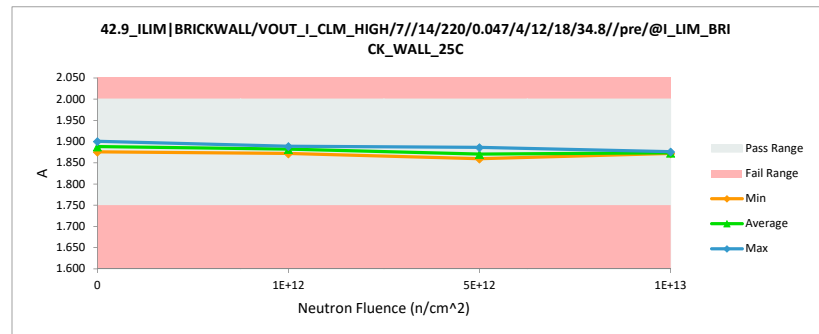
42.9_ILIM BRICKWALL/VOUT_I		
Test Site	Dallas	Dallas
Tester	ETS-364	ETS-364
Test Number	EB5445	EB5445
Unit	A	A
Max Limit	2	2
Min Limit	1.75	1.75

Neutron Fluence (n/cm ²)	Serial #	Pre	Post	Delta
0	285	1.873	1.876	0.003
0	287	1.895	1.901	0.006
1E+12	169	1.878	1.885	0.008
1E+12	170	1.891	1.889	-0.002
1E+12	171	1.866	1.872	0.006
5E+12	172	1.865	1.866	0.000
5E+12	173	1.879	1.886	0.008
5E+12	174	1.868	1.860	-0.009
1E+13	175	1.866	1.872	0.006
1E+13	176	1.865	1.876	0.011
1E+13	177	1.876	1.872	-0.004
Max	1.895	1.901	0.011	
Average	1.875	1.878	0.003	
Min	1.865	1.860	-0.009	
Std Dev	0.010	0.012	0.006	



42.9_ILIM BRICKWALL/VOUT_I		
Test Site	Dallas	
Tester	ETS-364	
Test Number	EB5445	
Max Limit	2	A
Min Limit	1.75	A

Neutron Fluence (n/cm ²)	0	1E+12	5E+12	1E+13
LL	1.750	1.750	1.750	1.750
Min	1.876	1.872	1.860	1.872
Average	1.888	1.882	1.870	1.873
Max	1.901	1.889	1.886	1.876
UL	2.000	2.000	2.000	2.000



B Revision History

Changes from Revision * (May 2023) to Revision A (May 2023)	Page
• Updated Output voltage accuracy maximum at $-55^{\circ}\text{C} \leq T_A \leq 125^{\circ}\text{C}$ and $T_A = 125^{\circ}\text{C}$ max from 1.1% to 1.2%.	5
• Updated SS_SET pin current to set V_{OUT} $-55^{\circ}\text{C} \leq T_A \leq 125^{\circ}\text{C}$ min/max from 98.9/100.9 μA to 98.8/101 μA .	5
• Updated SS_SET pin current to set V_{OUT} $T_A = -55^{\circ}\text{C}$ min from 98.9 μA to 98.8 μA .	5
• Updated SS_SET pin current to set V_{OUT} $T_A = 25^{\circ}\text{C}$ min/max from 99.2/100.8 μA to 99/100.9 μA .	5
• Updated SS_SET pin current to set V_{OUT} $T_A = 125^{\circ}\text{C}$ max from 100.9 μA to 101 μA .	5
• Updated output offset voltage ($V_{\text{OUT}} - V_{\text{SS_SET}}$) " $-55^{\circ}\text{C} \leq T_A \leq 125^{\circ}\text{C}$ min/typ/max limits from -1.6/-0.3/0.6 mV to -2.0/0.78 mV.	5
• Updated output offset voltage ($V_{\text{OUT}} - V_{\text{SS_SET}}$) $T_A = -55^{\circ}\text{C}$ min/typ/max limits from -0.8/-0.1/0.6 mV to -1.33/-0.2/0.78 mV.	5
• Updated output offset voltage ($V_{\text{OUT}} - V_{\text{SS_SET}}$) $T_A = 25^{\circ}\text{C}$ min/typ/max limits from -0.95/-0.25/0.45 mV to -1.45/-0.25/0.76 mV.	5
• Updated output offset voltage ($V_{\text{OUT}} - V_{\text{SS_SET}}$) $T_A = 25^{\circ}\text{C}$, Post TID min/typ/max limits from -0.95/-0.15/0.9 mV to -1.45/1.5 mV.	5
• Updated output offset voltage ($V_{\text{OUT}} - V_{\text{SS_SET}}$) $T_A = 125^{\circ}\text{C}$ min/typ/max limits from -1.6/-0.5/0.4 mV to -2.0/-0.5/0.7 mV.	5
• Updated reference voltage minimum from 1.192 V to 1.191 V.	5
• Removed thermal shutdown enter temperature minimum and maximum limits.	5
• Removed thermal shutdown exit temperature minimum and maximum limits.	5

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