

RADIATION TEST REPORT

PRODUCT:	OP471
FILE:	OP471_LDR_generic.xlsx
GAMMA:	0, 50k, 70k, 100k
GAMMA SOURCE:	Co60
DOSE RATE:	7.3mRad/s TM1019.8 Condition D
FACILITIES:	University of Massachusetts @ Lowell
TESTED:	2010

The RADTESTSM DATA SERVICE is a compilation of radiation test results on Analog Devices' Space grade products. It is designed to assist customers in selecting the right product for applications where radiation is a consideration. Many products manufactured by Analog Devices, Inc. have been shown to be radiation tolerant to most tactical radiation environments. Analog Devices, Inc. does not make any claim to maintain or guarantee these levels of radiation tolerance without lot qualification test.

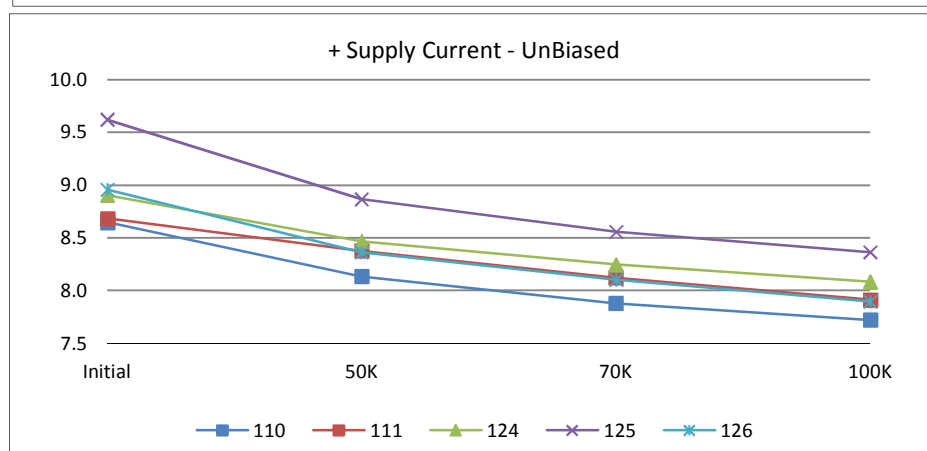
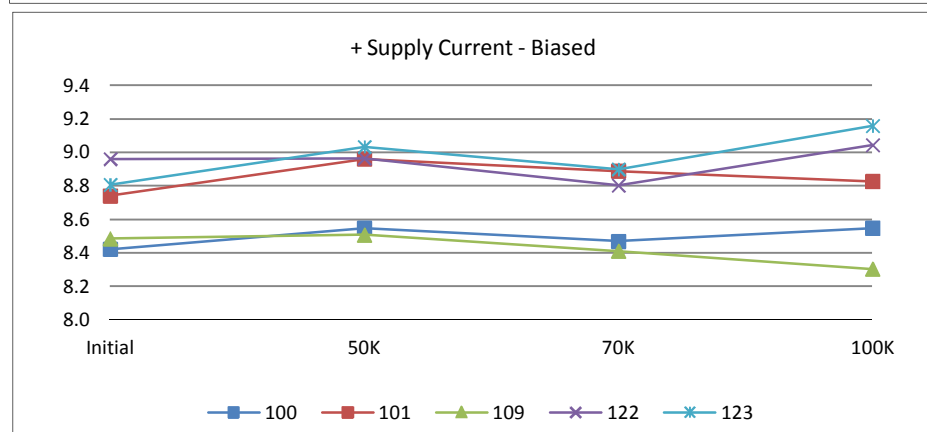
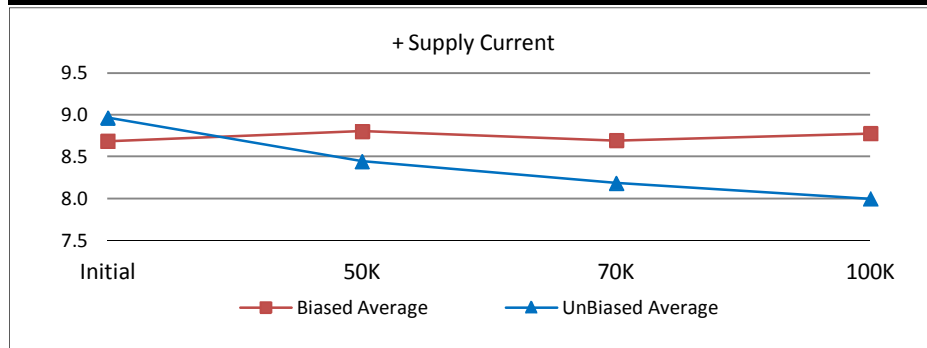
It is the responsibility of the Procuring Activity to screen products from Analog Devices, Inc. for compliance to Nuclear Hardness Critical Items (HCI) specifications.

WARNING:

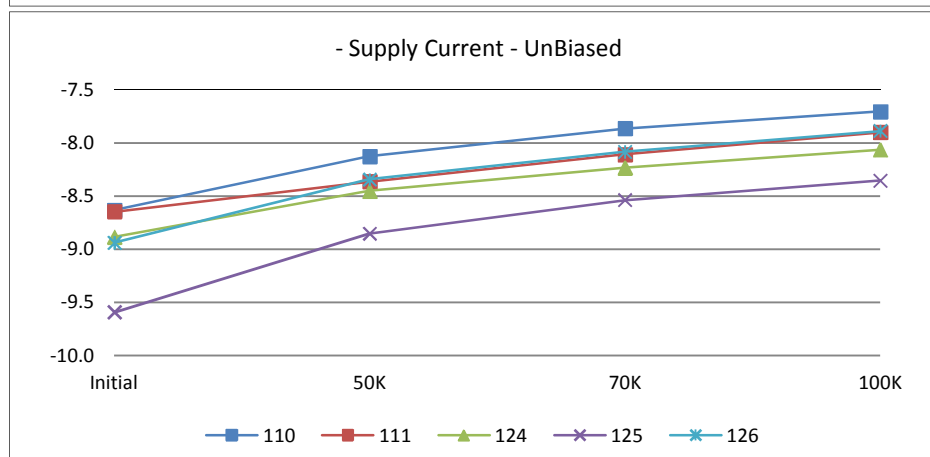
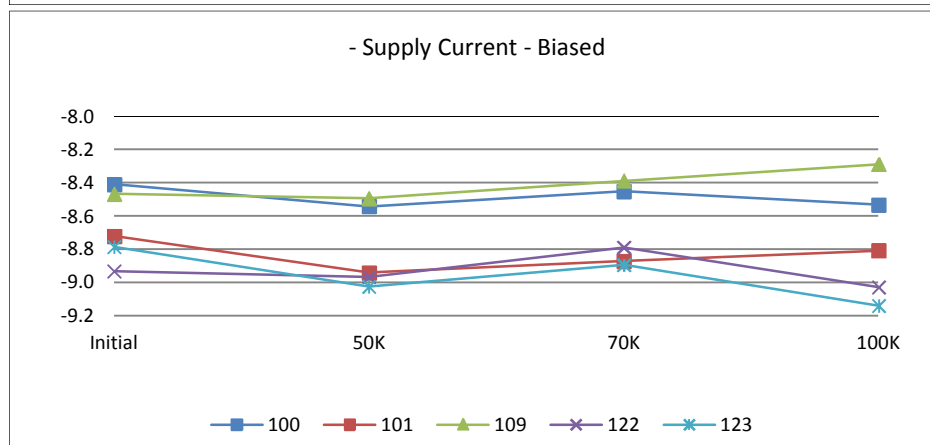
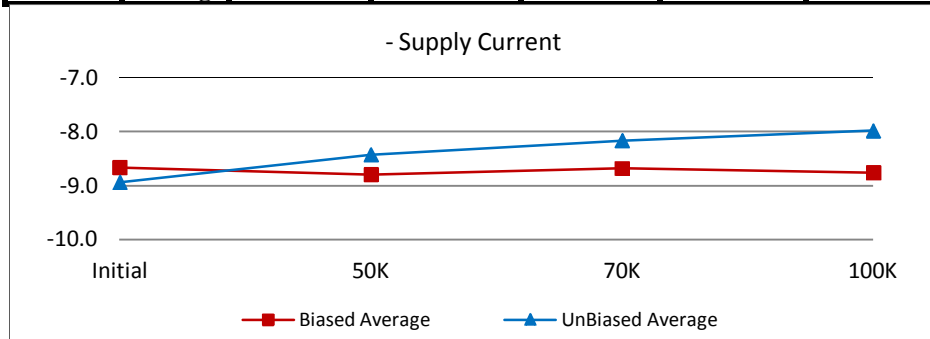
Analog Devices, Inc. does not recommend use of this data to qualify other product grades or process levels. Analog Devices, Inc. is not responsible and has no liability for any consequences, and all applicable Warranties are null and void if any Analog product is modified in any way or used outside of normal environmental and operating conditions, including the parameters specified in the corresponding data sheet. Analog Devices, Inc. does not guarantee that wafer manufacturing is the same for all process levels.



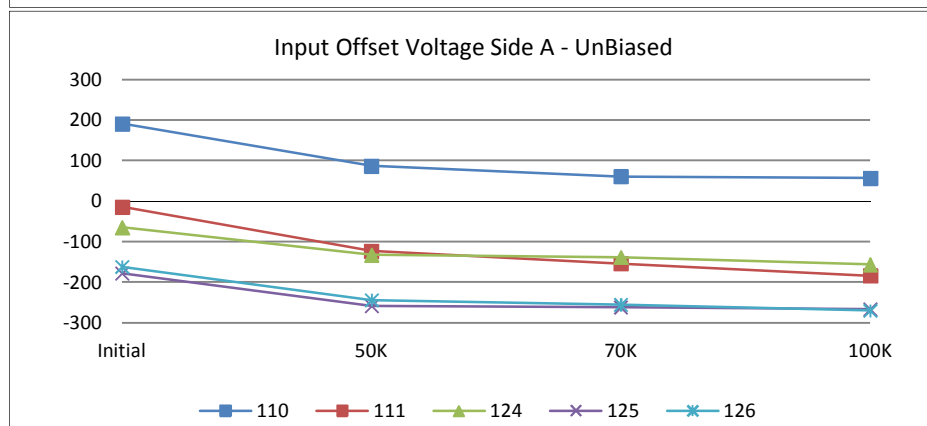
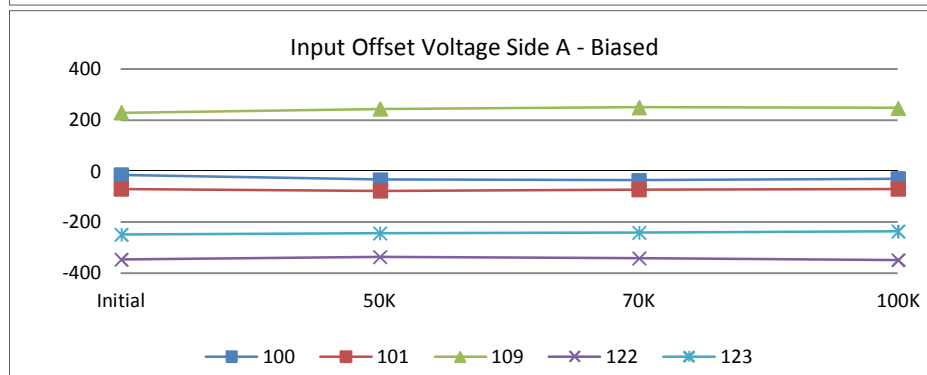
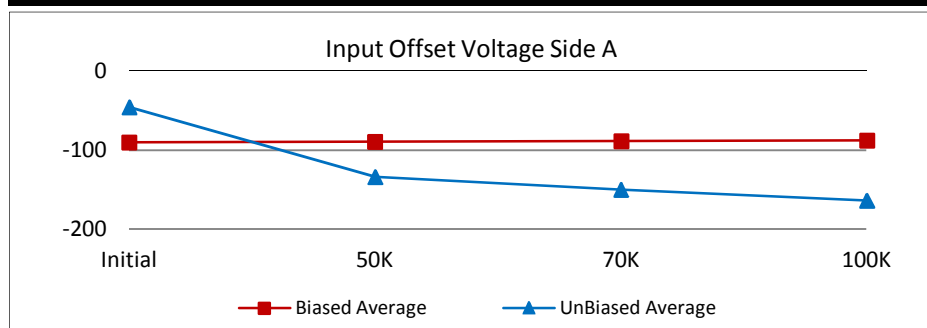
	T# 3 SN	ISY+ @ 15V				mA
		Initial	50K	70K	100K	Limit
Control	112	8.766	8.443	8.416	8.395	<11
	128	8.908	8.670	8.619	8.574	
Biased	100	8.422	8.547	8.469	8.547	
	101	8.741	8.961	8.889	8.826	
	109	8.485	8.507	8.410	8.303	
	122	8.961	8.965	8.804	9.043	
	123	8.807	9.034	8.900	9.158	
	Min	8.422	8.507	8.410	8.303	
	Max	8.961	9.034	8.900	9.158	
Average	8.683	8.803	8.694	8.775		
UnBiased	110	8.648	8.135	7.881	7.723	
	111	8.684	8.377	8.122	7.912	
	124	8.905	8.469	8.247	8.084	
	125	9.622	8.868	8.559	8.366	
	126	8.959	8.365	8.104	7.896	
	Min	8.648	8.135	7.881	7.723	
	Max	9.622	8.868	8.559	8.366	
	Average	8.964	8.443	8.183	7.996	



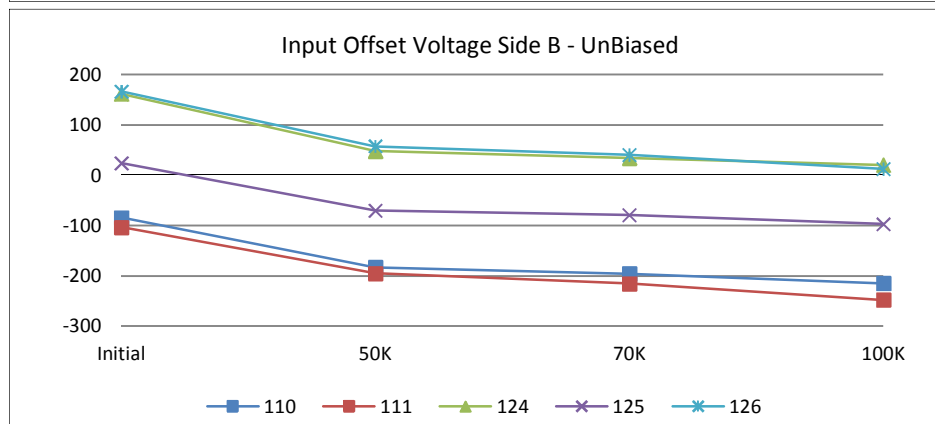
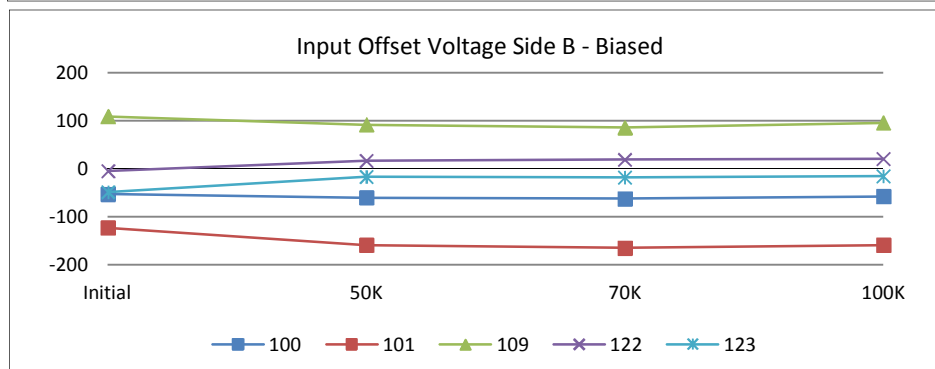
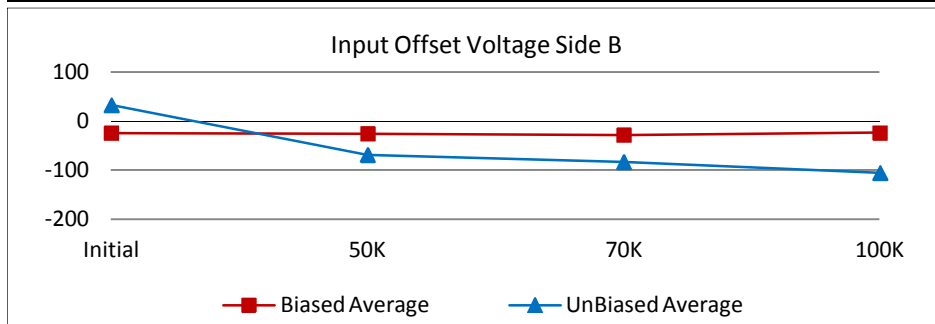
		T#4	ISY- @ 15V				mA
		SN	Initial	50K	70K	100K	Limit
Control	112	-8.740	-8.438	-8.391	-8.384		>-11
	128	-8.887	-8.659	-8.590	-8.572		
Biased	100	-8.410	-8.542	-8.452	-8.533		
	101	-8.721	-8.942	-8.872	-8.809		
	109	-8.468	-8.494	-8.389	-8.289		
	122	-8.934	-8.966	-8.789	-9.029		
	123	-8.787	-9.026	-8.896	-9.141		
	Min	-8.934	-9.026	-8.896	-9.141		
	Max	-8.410	-8.494	-8.389	-8.289		
Average	-8.664	-8.794	-8.680	-8.760			
UnBiased	110	-8.631	-8.125	-7.863	-7.703		
	111	-8.646	-8.363	-8.108	-7.899		
	124	-8.885	-8.452	-8.233	-8.064		
	125	-9.592	-8.851	-8.537	-8.354		
	126	-8.937	-8.344	-8.081	-7.886		
	Min	-9.592	-8.851	-8.537	-8.354		
	Max	-8.631	-8.125	-7.863	-7.703		
	Average	-8.938	-8.427	-8.164	-7.981		



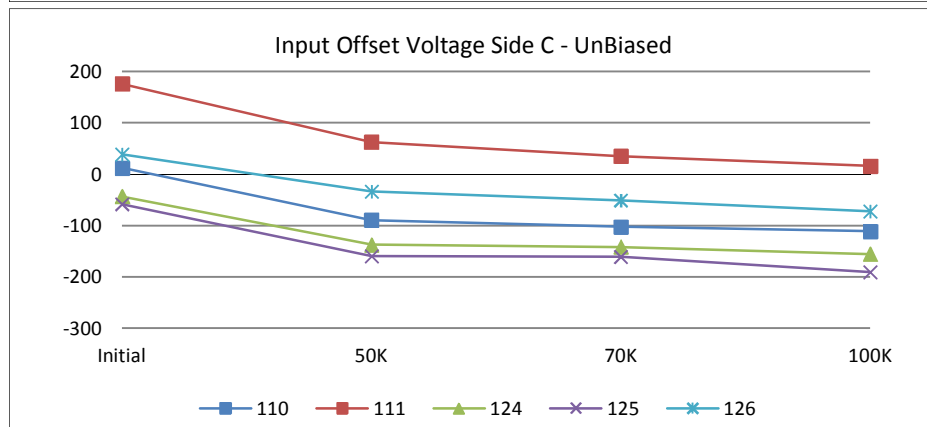
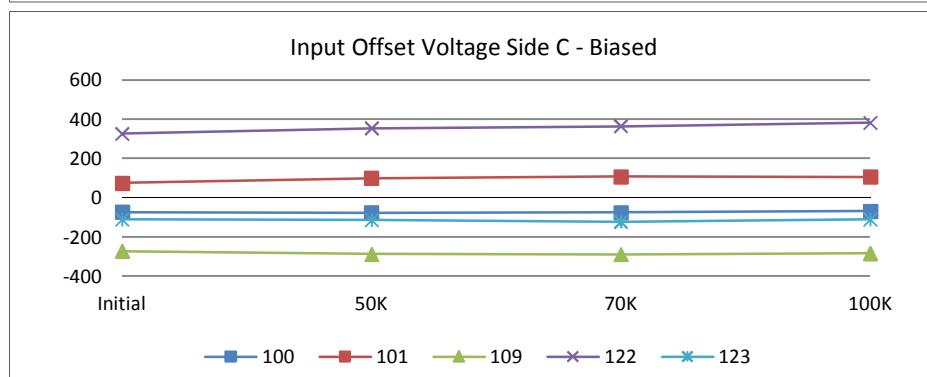
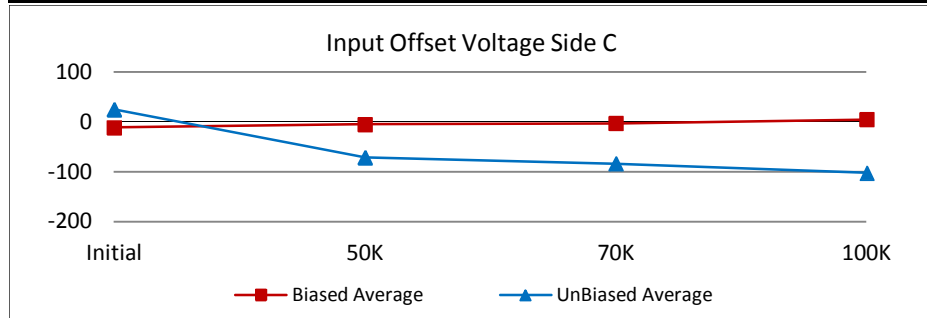
T# 5		VOS A				uV
SN		Initial	50K	70K	100K	Limit
Control	112	-74.801	-77.214	-77.327	-77.075	+/-1000
	128	-65.150	-69.976	-64.837	-61.218	
Biased	100	-14.478	-33.781	-36.851	-29.438	
	101	-69.976	-77.214	-72.634	-70.693	
	109	229.230	243.708	249.797	247.077	
	122	-347.465	-337.813	-342.218	-348.524	
	123	-248.534	-243.708	-241.438	-236.262	
	Min	-347.465	-337.813	-342.218	-348.524	
	Max	229.230	243.708	249.797	247.077	
Average	-90.245	-89.762	-88.669	-87.568		
UnBiased	110	190.623	86.866	60.661	56.998	
	111	-14.478	-123.060	-154.157	-184.216	
	124	-65.150	-132.712	-138.640	-156.592	
	125	-178.558	-258.186	-261.550	-266.035	
	126	-161.668	-243.708	-255.815	-270.389	
	Min	-178.558	-258.186	-261.550	-270.389	
	Max	190.623	86.866	60.661	56.998	
Average	-45.846	-134.160	-149.900	-164.047		



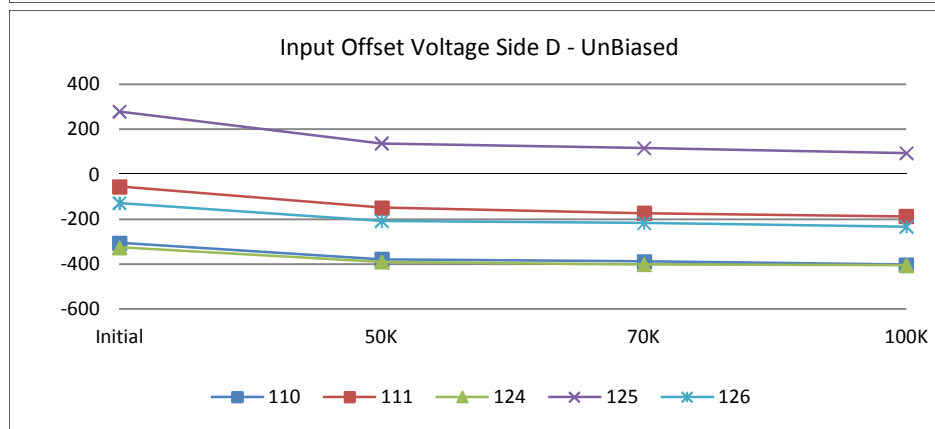
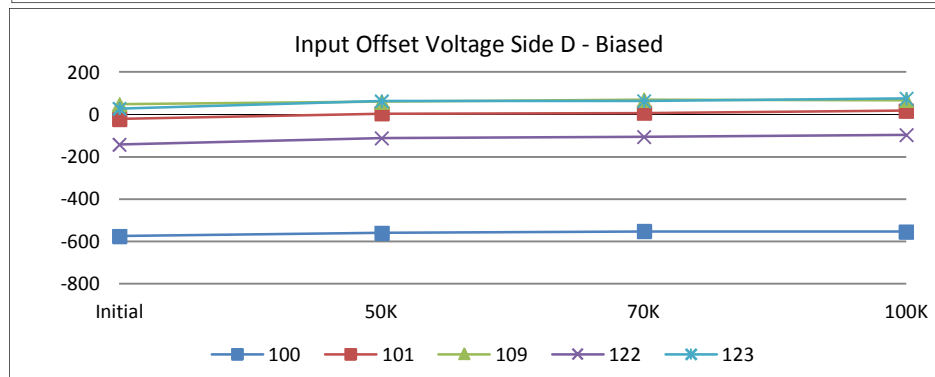
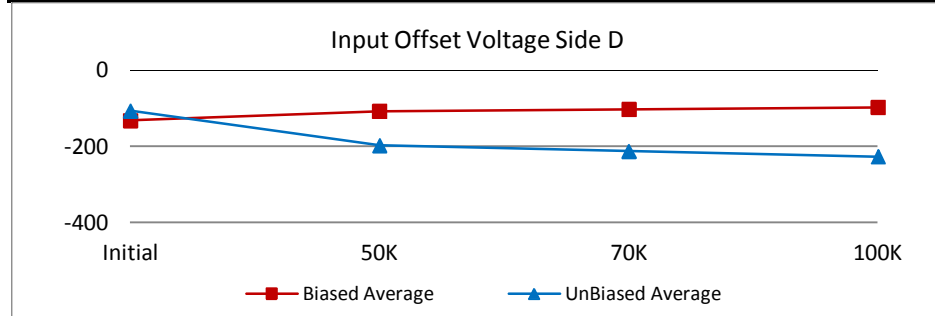
	T#6	VOS B				uV
	SN	Initial	50K	70K	100K	Limit
Control	112	36.194	33.781	33.991	34.057	+/-1000
	128	-96.518	-98.931	-97.813	-97.155	
Biased	100	-53.085	-60.324	-62.337	-58.027	
	101	-123.060	-159.255	-164.871	-158.983	
	109	108.583	91.692	85.522	95.523	
	122	-4.826	16.891	18.671	20.875	
	123	-48.259	-16.891	-18.318	-15.248	
	Min	-123.060	-159.255	-164.871	-158.983	
	Max	108.583	91.692	85.522	95.523	
Average	-24.129	-25.577	-28.267	-23.172		
UnBiased	110	-84.453	-183.384	-196.103	-215.086	
	111	-103.757	-195.449	-215.590	-247.755	
	124	161.668	48.259	34.134	20.404	
	125	24.130	-69.976	-79.236	-97.429	
	126	166.494	57.911	40.417	12.497	
	Min	-103.757	-195.449	-215.590	-247.755	
	Max	166.494	57.911	40.417	20.404	
Average	32.816	-68.528	-83.276	-105.474		



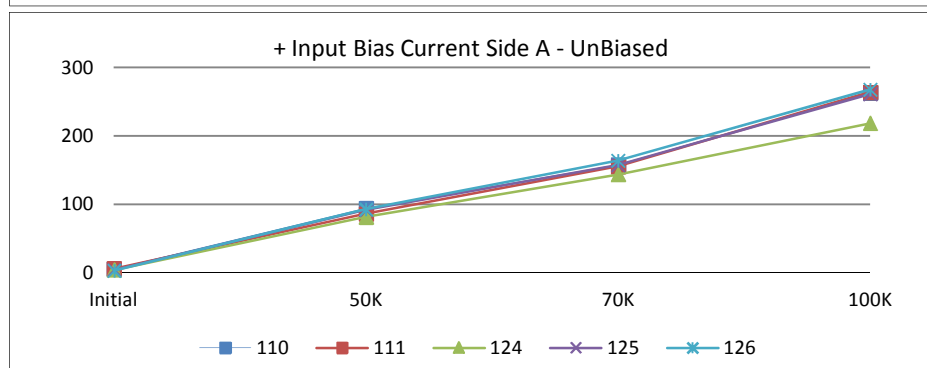
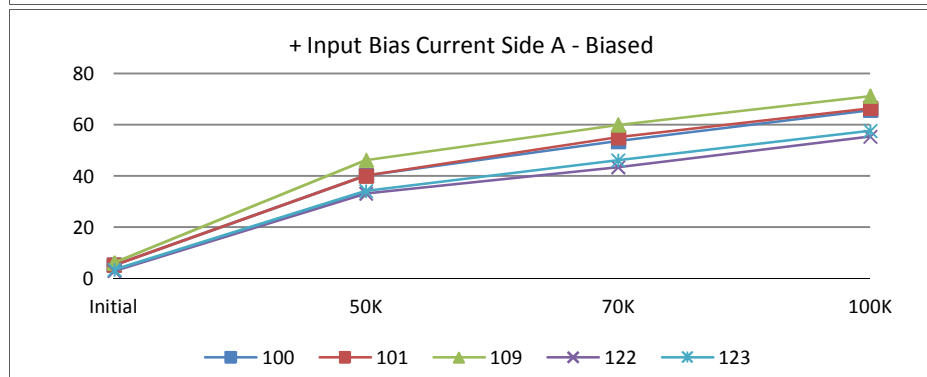
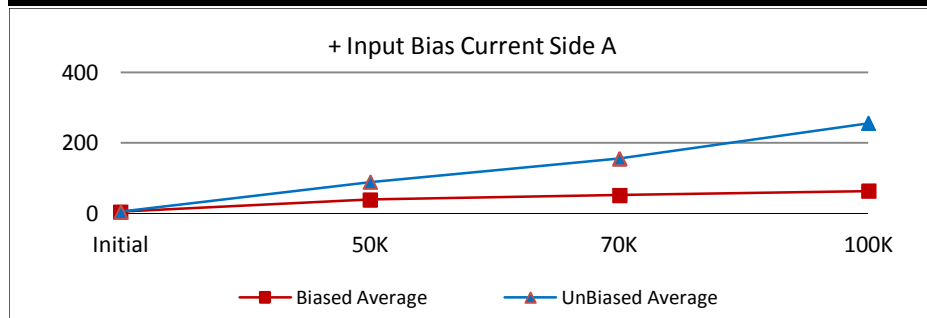
	T# 7	VOS C				uV
	SN	Initial	50K	70K	100K	Limit
Control	112	123.060	120.648	116.666	117.773	+/-1000
	128	-94.105	-98.931	-96.979	-94.621	
Biased	100	-72.389	-77.214	-75.441	-68.653	
	101	74.801	98.931	107.345	106.379	
	109	-272.663	-287.141	-288.483	-283.132	
	122	325.748	354.704	364.548	381.995	
	123	-110.996	-113.409	-121.500	-110.731	
	Min	-272.663	-287.141	-288.483	-283.132	
	Max	325.748	354.704	364.548	381.995	
Average	-11.100	-4.826	-2.706	5.172		
UnBiased	110	12.065	-89.279	-102.583	-111.192	
	111	176.145	62.737	35.198	16.193	
	124	-43.433	-137.538	-141.502	-155.539	
	125	-57.911	-159.255	-160.671	-190.467	
	126	38.607	-33.781	-50.515	-71.888	
	Min	-57.911	-159.255	-160.671	-190.467	
	Max	176.145	62.737	35.198	16.193	
Average	25.095	-71.423	-84.015	-102.579		



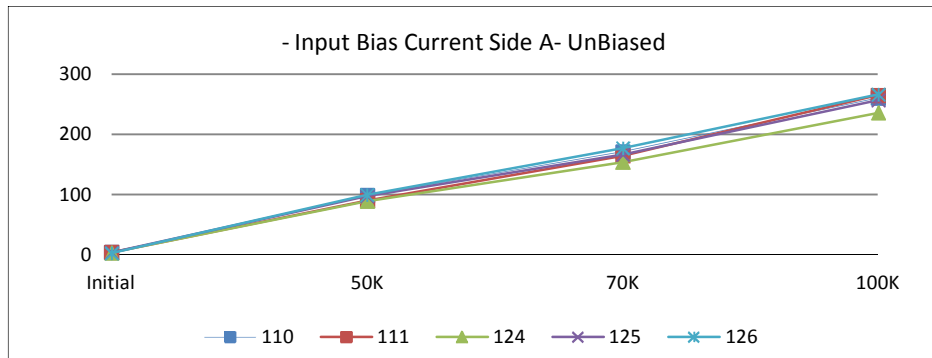
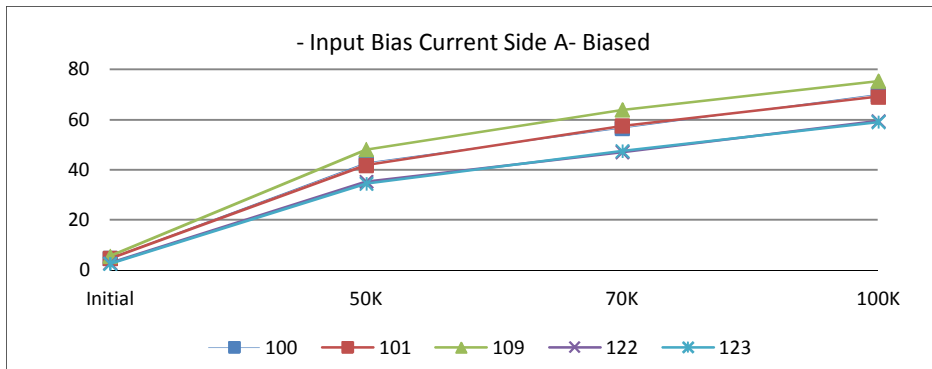
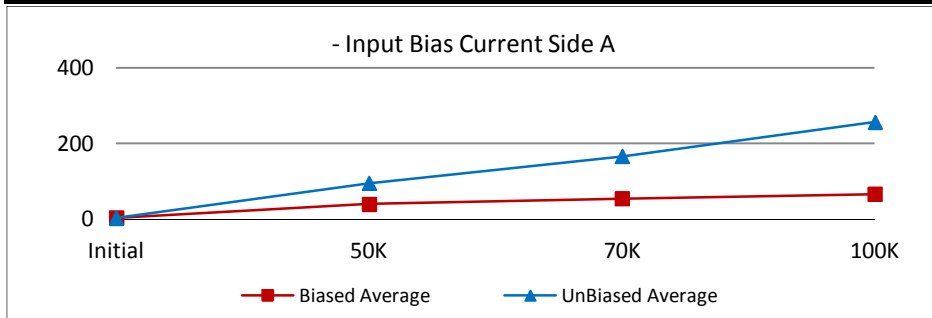
	T#8	VOS D				uV
	SN	Initial	50K	70K	100K	Limit
Control	112	-248.534	-243.708	-244.772	-245.002	+/-1000
	128	-16.891	-14.478	-9.709	-8.372	
Biased	100	-574.282	-559.805	-551.619	-553.889	
	101	-21.717	4.826	7.584	17.432	
	109	48.259	60.324	68.963	67.625	
	122	-142.364	-110.996	-105.313	-96.924	
	123	28.955	62.737	64.149	76.639	
	Min	-574.282	-559.805	-551.619	-553.889	
	Max	48.259	62.737	68.963	76.639	
Average	-132.230	-108.583	-103.247	-97.823		
UnBiased	110	-306.445	-378.833	-388.847	-403.498	
	111	-55.498	-149.603	-173.217	-187.473	
	124	-325.748	-390.898	-401.699	-405.307	
	125	279.902	137.538	115.723	94.602	
	126	-127.886	-207.514	-217.060	-232.841	
	Min	-325.748	-390.898	-401.699	-405.307	
	Max	279.902	137.538	115.723	94.602	
Average	-107.135	-197.862	-213.020	-226.903		



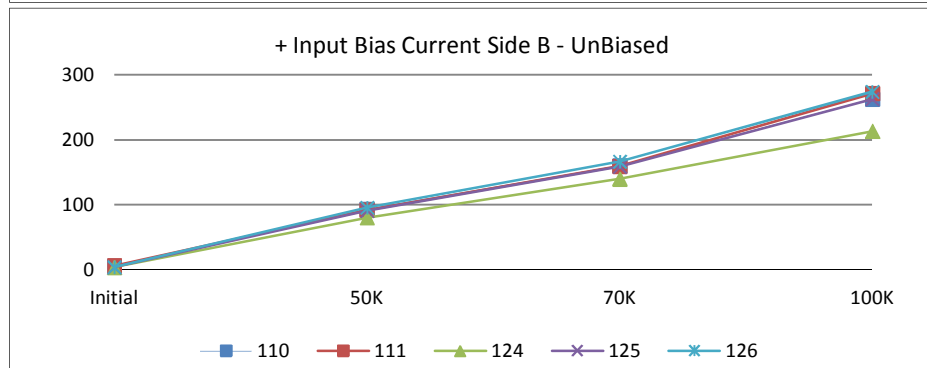
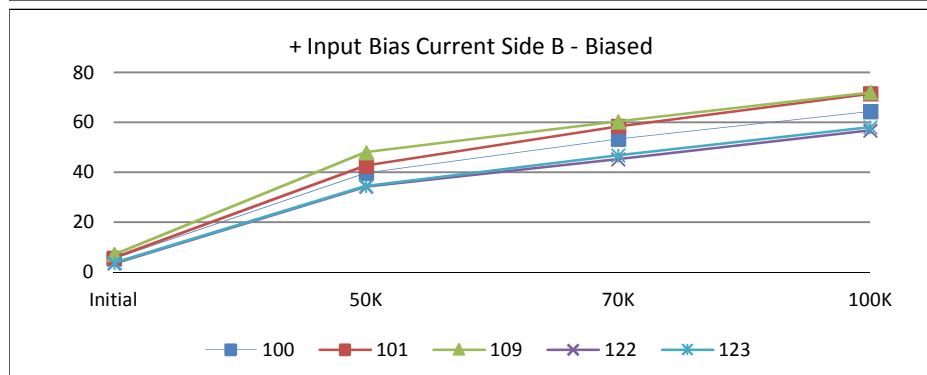
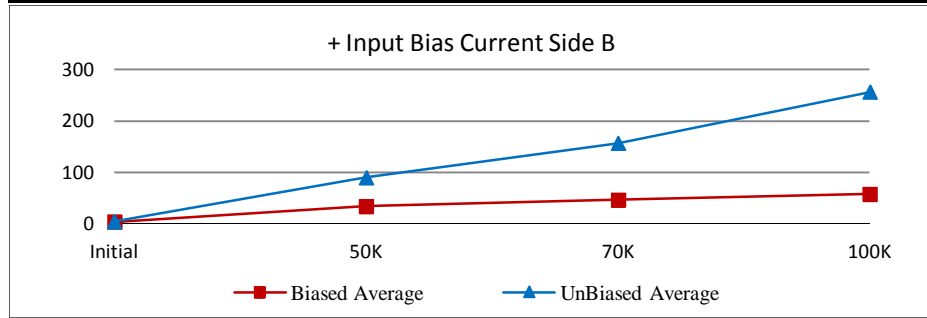
T# 9		IB+ A				nA
SN		Initial	50K	70K	100K	Limit
Control	112	5.680	5.546	5.605	5.625	+/-500
	128	3.633	3.662	3.551	3.500	
Biased	100	5.266	40.179	53.632	65.760	
	101	5.261	40.077	55.115	66.430	
	109	6.146	46.230	60.029	71.260	
	122	3.037	33.165	43.519	55.380	
	123	3.459	34.082	46.133	57.700	
	Min	3.037	33.165	43.519	55.380	
	Max	6.146	46.230	60.029	71.260	
Average	4.634	38.747	51.686	63.306		
UnBiased	110	5.220	94.225	157.731	263.010	
	111	5.647	85.866	155.142	263.970	
	124	3.988	81.263	143.434	218.700	
	125	3.922	91.566	157.310	261.210	
	126	2.873	92.232	164.138	268.080	
	Min	2.873	81.263	143.434	218.700	
	Max	5.647	94.225	164.138	268.080	
Average	4.330	89.030	155.551	254.994		



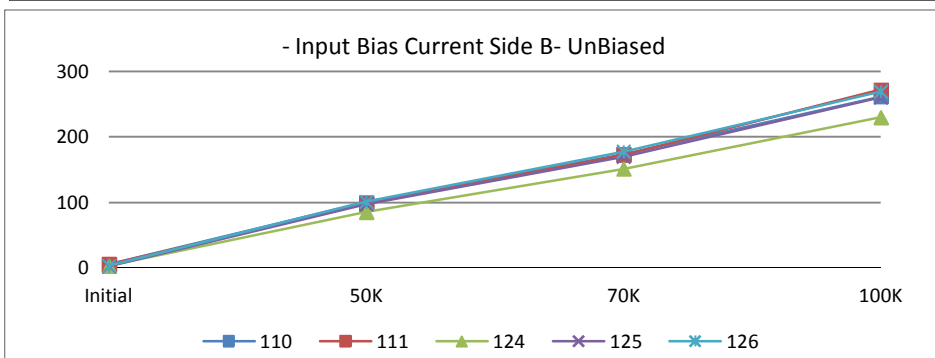
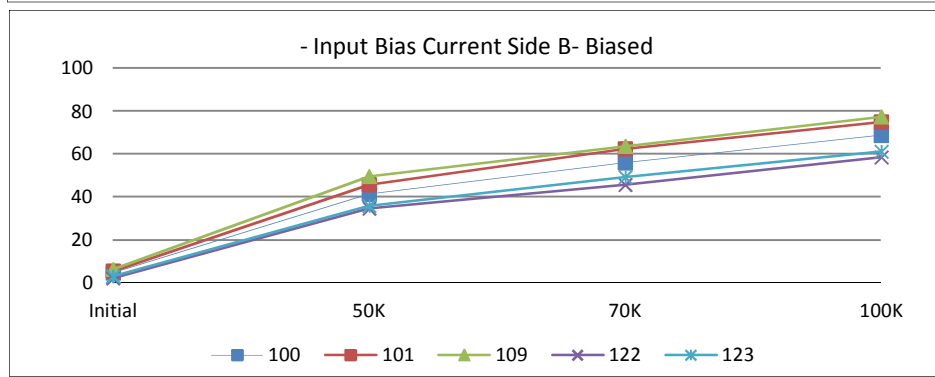
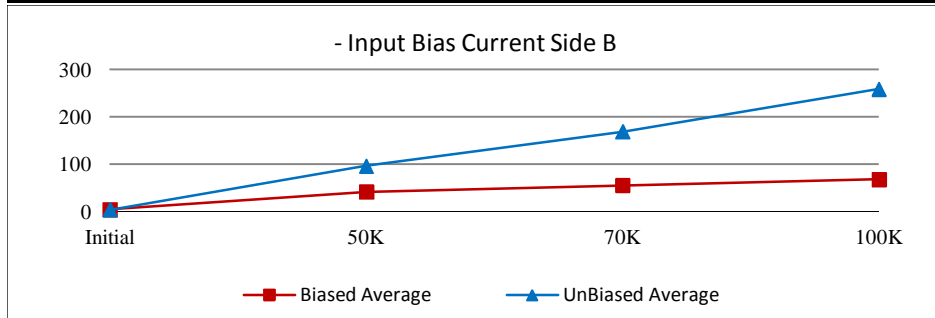
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	SN	Initial	50K	70K	100K	Limit
Control	112	4.599	4.506	4.504	4.545	+/-500
	128	3.193	3.270	3.151	3.060	
Biased	100	4.705	42.764	56.567	70.010	
	101	4.705	41.806	57.453	69.120	
	109	5.655	48.132	63.934	75.350	
	122	2.791	35.352	47.124	59.390	
	123	2.638	34.485	47.544	59.100	
	Min	2.638	34.485	47.124	59.100	
	Max	5.655	48.132	63.934	75.350	
Average	4.099	40.508	54.524	66.594		
UnBiased	110	4.634	98.844	171.199	260.470	
	111	3.935	90.324	164.398	264.930	
	124	3.444	89.353	153.796	235.810	
	125	3.406	97.869	166.389	256.380	
	126	2.441	99.751	176.877	265.850	
	Min	2.441	89.353	153.796	235.810	
	Max	4.634	99.751	176.877	265.850	
Average	3.572	95.228	166.532	256.688		



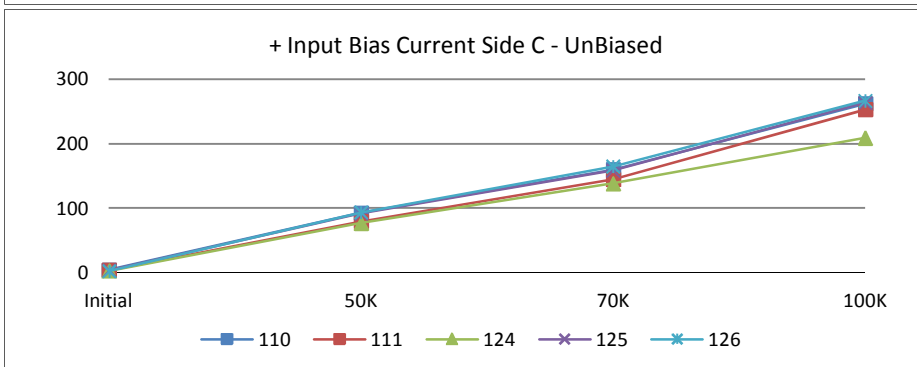
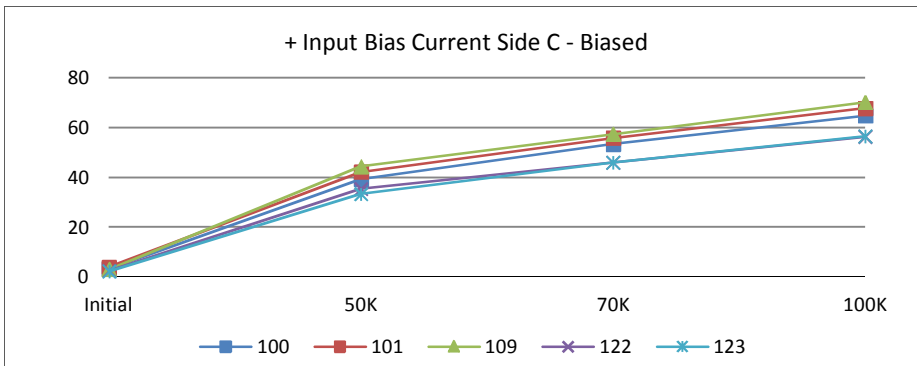
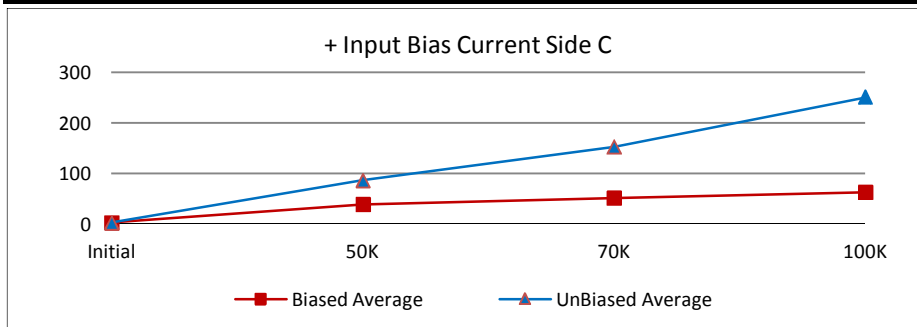
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	SN	Initial	50K	70K	100K	Limit
Control	112	5.619	5.495	5.536	5.533	+/-500
	128	3.631	3.641	3.568	3.499	
Biased	100	5.195	39.610	53.411	64.470	
	101	5.579	42.550	58.421	71.440	
	109	7.025	47.997	60.286	72.070	
	122	3.481	34.318	45.243	56.690	
	123	3.674	34.448	46.754	58.100	
	Min	3.481	34.318	45.243	56.690	
	Max	7.025	47.997	60.286	72.070	
Average	4.991	39.785	52.823	64.554		
UnBiased	110	5.587	93.363	159.974	262.550	
	111	6.052	91.709	159.506	271.200	
	124	3.592	80.048	139.754	212.830	
	125	3.598	90.410	158.403	262.550	
	126	3.589	95.185	166.600	273.680	
	Min	3.589	80.048	139.754	212.830	
	Max	6.052	95.185	166.600	273.680	
	Average	4.484	90.143	156.847	256.562	



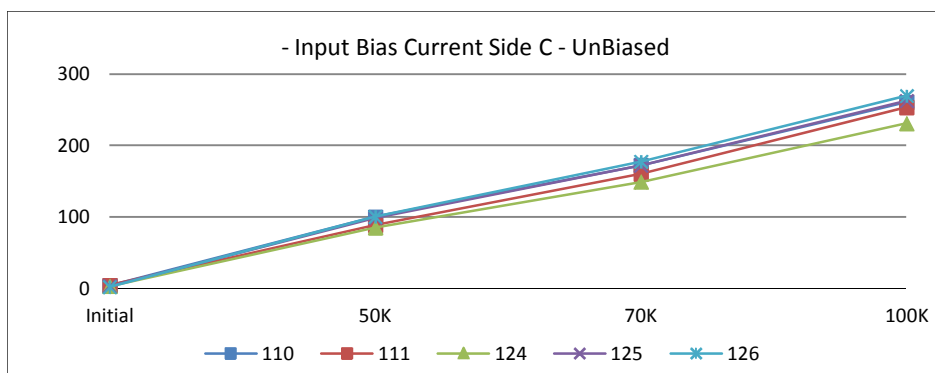
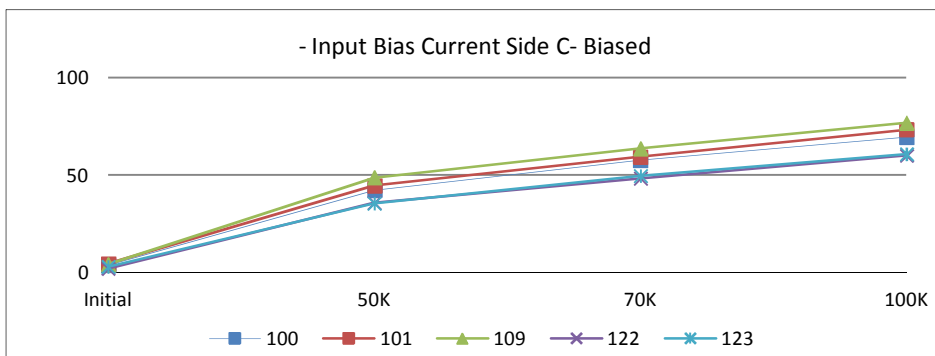
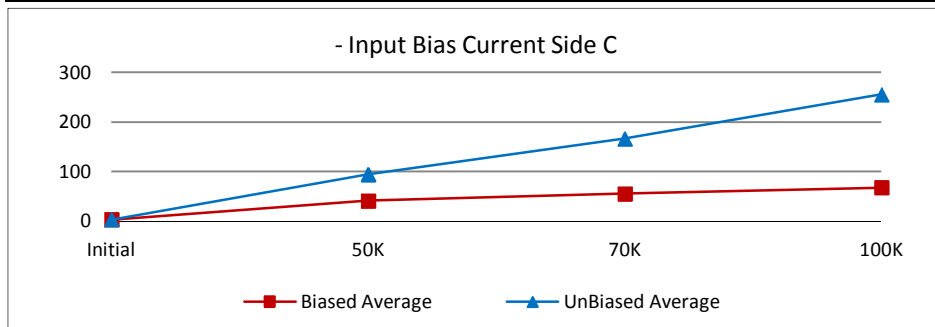
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SN		Initial	50K	70K	100K	Limit
Control	112	4.730	4.616	4.623	4.669	+/-500
	128	3.357	3.372	3.286	3.273	
Biased	100	4.595	41.357	55.952	68.590	
	101	5.582	45.738	62.448	74.960	
	109	6.320	49.591	63.571	77.270	
	122	2.272	34.606	45.705	58.470	
	123	3.011	35.786	49.220	61.100	
	Min	2.272	34.606	45.705	58.470	
	Max	6.320	49.591	63.571	77.270	
Average	4.356	41.416	55.379	68.078		
UnBiased	110	5.214	99.859	173.256	262.000	
	111	5.704	97.903	172.570	272.120	
	124	3.022	85.205	151.242	230.050	
	125	2.678	97.313	169.906	260.170	
	126	3.137	101.242	177.862	269.780	
	Min	2.678	85.205	151.242	230.050	
	Max	5.704	101.242	177.862	272.120	
Average	3.951	96.304	168.967	258.824		



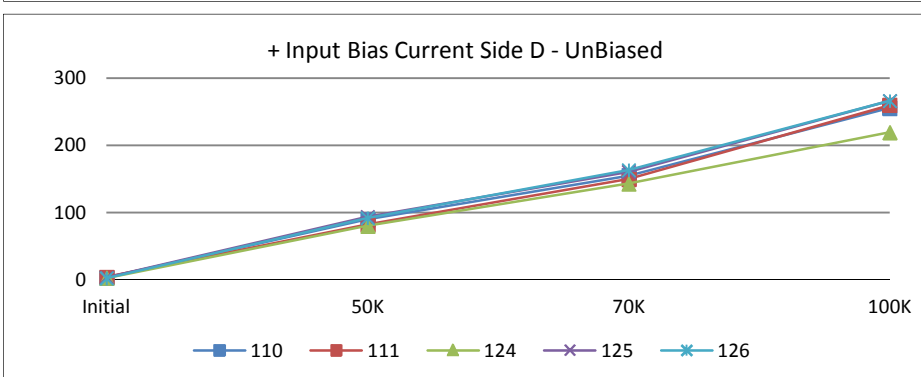
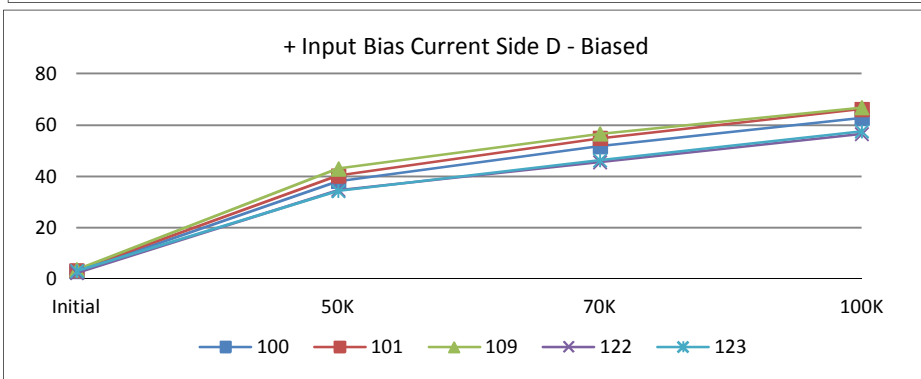
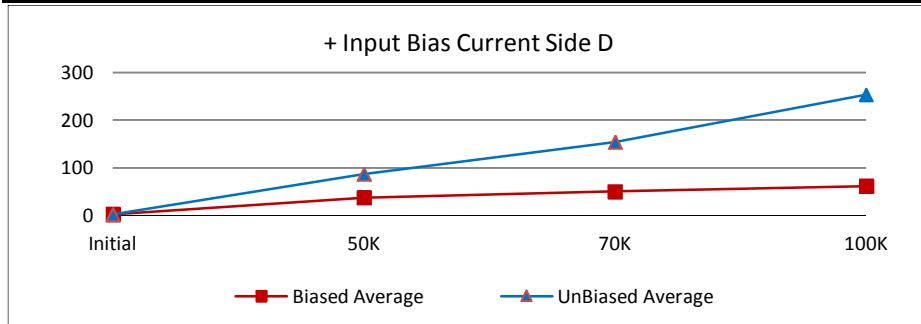
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SN		Initial	50K	70K	100K	Limit
Control	112	4.581	4.543	4.501	4.494	+/-500
	128	1.574	1.631	1.599	1.538	
Biased	100	3.234	39.130	53.283	64.680	
	101	3.916	42.118	55.674	67.670	
	109	3.027	44.311	57.219	70.050	
	122	2.498	35.256	45.868	56.310	
	123	2.270	33.203	45.892	56.500	
	Min	2.270	33.203	45.868	56.310	
	Max	3.916	44.311	57.219	70.050	
Average	2.989	38.804	51.587	63.042		
UnBiased	110	3.896	92.536	159.484	262.010	
	111	3.810	79.304	144.430	253.170	
	124	2.552	76.702	138.014	208.900	
	125	3.102	91.556	158.325	263.200	
	126	1.872	93.248	164.738	266.500	
	Min	1.872	76.702	138.014	208.900	
	Max	3.896	93.248	164.738	266.500	
Average	3.046	86.669	152.998	250.756		



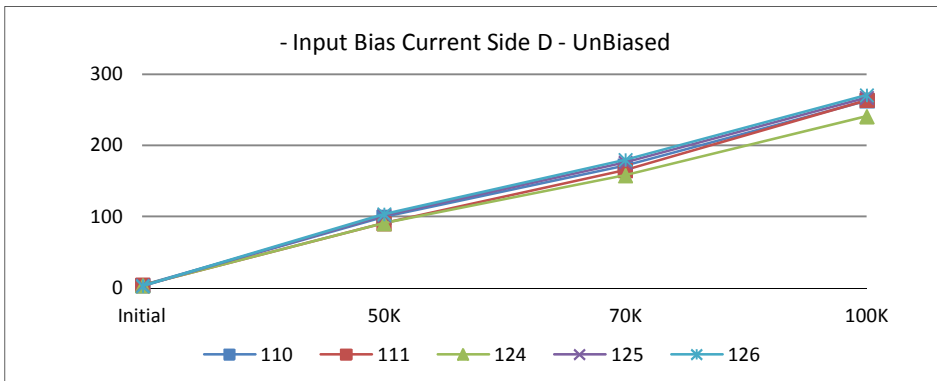
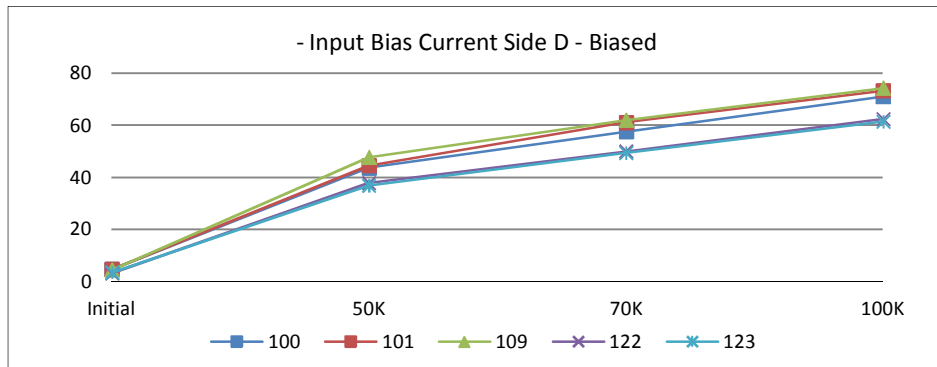
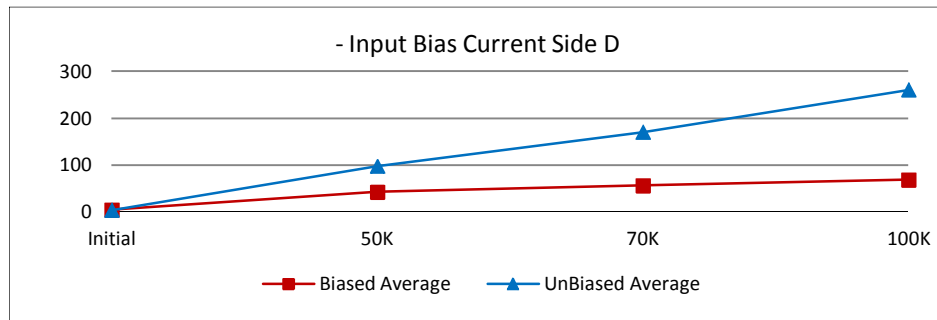
		T# 14	IB- C				nA
		SN	Initial	50K	70K	100K	Limit
Control	112	4.262	4.261	4.244	4.254		+/-500
	128	2.284	2.396	2.388	2.291		
Biased	100	3.618	42.219	57.577	69.450		
	101	4.480	44.655	59.362	73.420		
	109	4.126	48.727	63.695	76.850		
	122	2.024	35.860	48.281	60.010		
	123	2.981	35.426	49.568	60.900		
	Min	2.024	35.426	48.281	60.010		
	Max	4.480	48.727	63.695	76.850		
Average	3.446	41.377	55.697	68.126			
UnBiased	110	3.878	100.166	172.373	260.680		
	111	4.396	88.599	160.438	253.530		
	124	2.997	85.137	148.865	230.890		
	125	3.292	99.124	172.374	262.810		
	126	2.084	100.134	177.729	269.360		
	Min	2.084	85.137	148.865	230.890		
	Max	4.396	100.166	177.729	269.360		
Average	3.329	94.632	166.356	255.454			



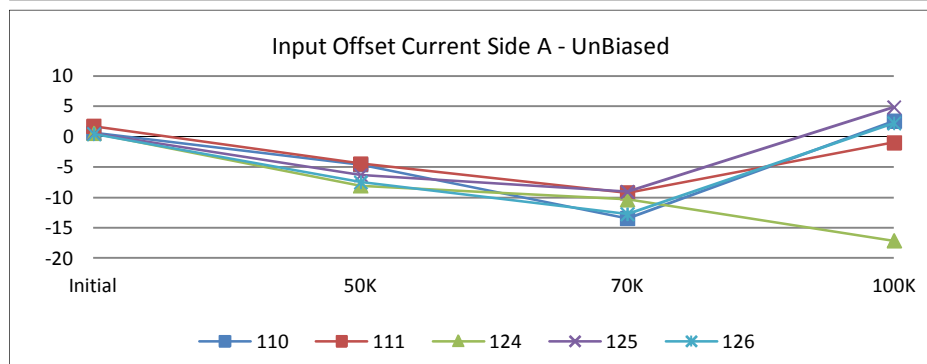
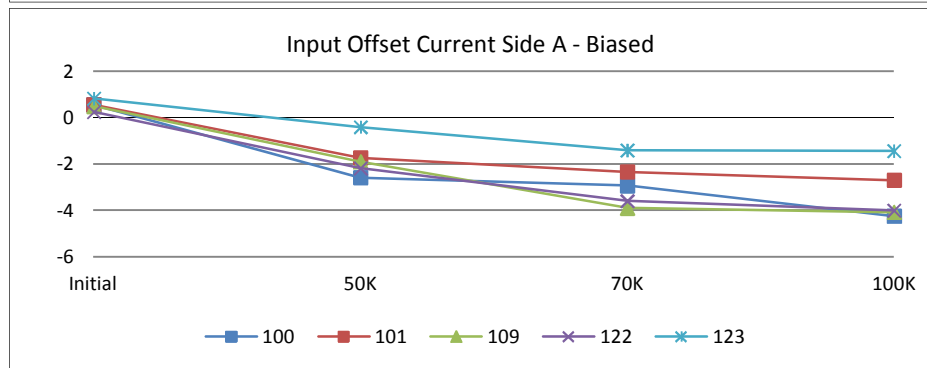
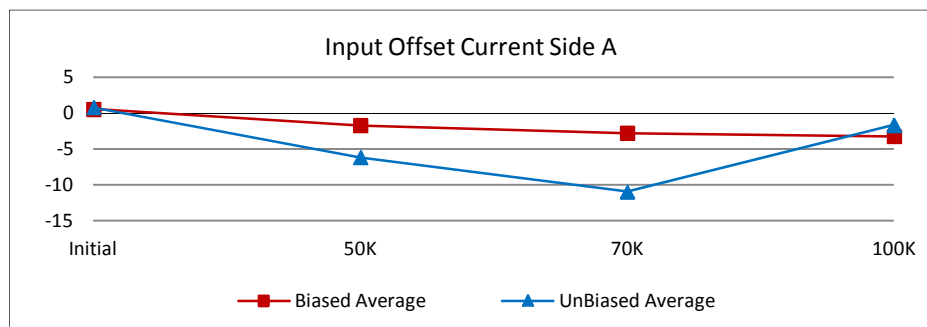
T# 15		IB+ D				nA
SN		Initial	50K	70K	100K	Limit
Control	112	3.342	3.295	3.276	3.284	+/-500
	128	2.818	2.865	2.815	2.745	
Biased	100	2.882	38.064	51.721	62.630	
	101	3.249	40.258	54.782	66.170	
	109	3.604	43.011	56.577	66.800	
	122	2.406	34.665	45.591	56.510	
	123	3.081	34.222	46.198	57.600	
	Min	2.406	34.222	45.591	56.510	
	Max	3.604	43.011	56.577	66.800	
Average	3.044	38.044	50.974	61.942		
UnBiased	110	2.789	89.443	154.623	255.240	
	111	3.905	82.115	149.664	259.480	
	124	2.584	79.906	142.658	218.930	
	125	3.455	93.365	160.636	266.070	
	126	1.872	91.665	163.156	266.020	
	Min	1.872	79.906	142.658	218.930	
	Max	3.905	93.365	163.156	266.070	
Average	2.921	87.299	154.147	253.148		



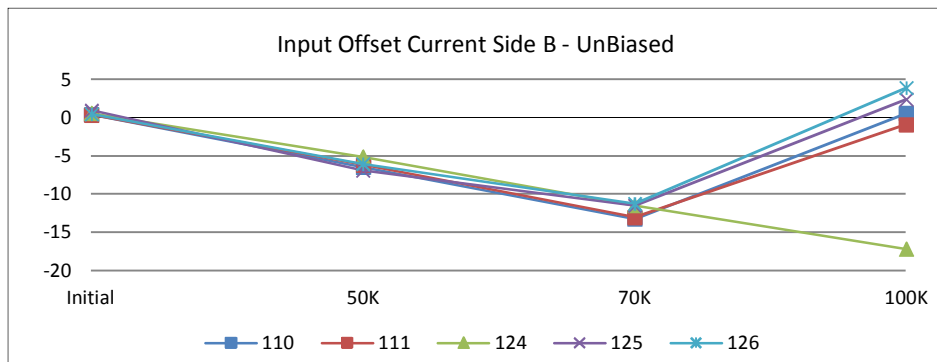
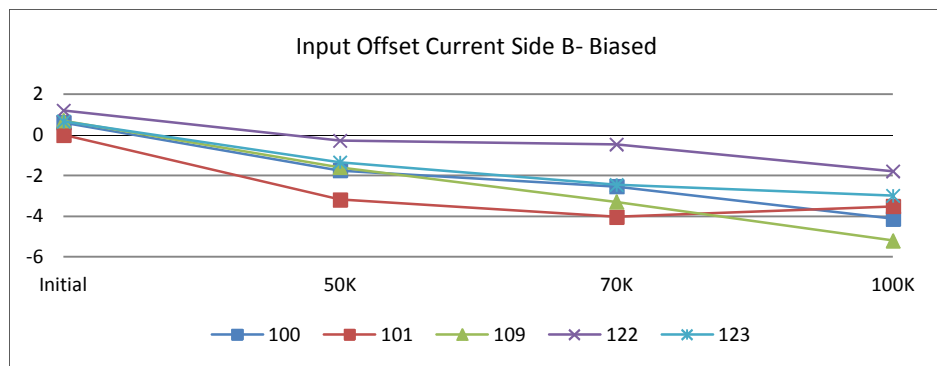
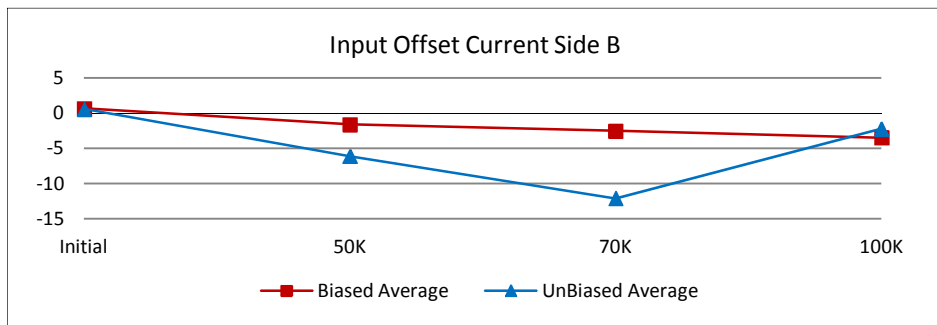
T# 16		IB- D				nA
SN		Initial	50K	70K	100K	Limit
Control	112	4.342	4.356	4.376	4.424	+/-500
	128	2.663	2.704	2.655	2.660	
Biased	100	4.634	43.648	57.513	70.980	
	101	4.701	44.537	61.050	73.250	
	109	4.442	47.626	61.882	74.260	
	122	3.037	37.796	49.949	62.360	
	123	3.514	36.864	49.364	61.300	
	Min	3.037	36.864	49.364	61.300	
	Max	4.701	47.626	61.882	74.260	
Average	4.066	42.094	55.952	68.430		
UnBiased	110	3.766	99.632	171.651	262.680	
	111	4.234	90.697	165.077	263.650	
	124	3.590	90.584	157.929	240.700	
	125	3.391	101.770	175.899	266.790	
	126	2.578	103.877	179.633	270.420	
	Min	2.578	90.584	157.929	240.700	
	Max	4.234	103.877	179.633	270.420	
Average	3.512	97.312	170.038	260.848		



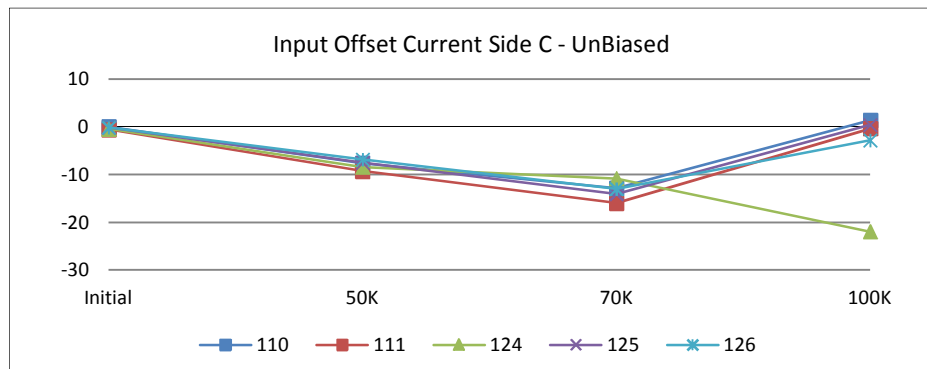
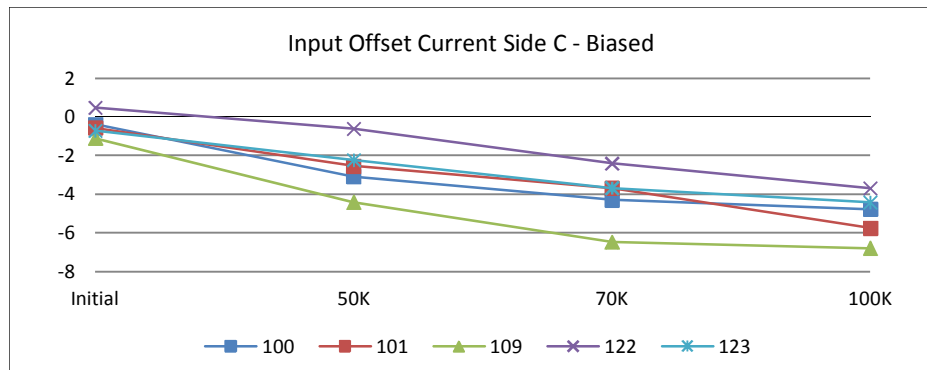
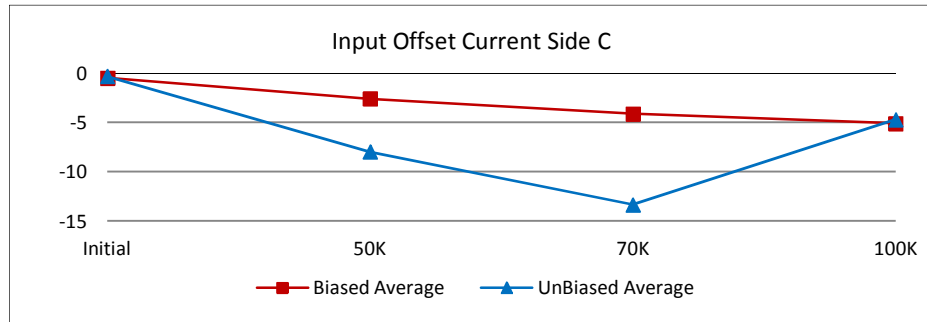
T# 17		IOS A				nA
SN		Initial	50K	70K	100K	Limit
Control	112	1.081	1.041	1.101	1.080	+/-50
	128	0.440	0.393	0.400	0.440	
Biased	100	0.560	-2.585	-2.935	-4.253	
	101	0.556	-1.728	-2.337	-2.696	
	109	0.491	-1.902	-3.905	-4.085	
	122	0.246	-2.187	-3.605	-4.005	
	123	0.821	-0.403	-1.411	-1.444	
	Min	0.246	-2.585	-3.905	-4.253	
	Max	0.821	-0.403	-1.411	-1.444	
Average	0.535	-1.761	-2.839	-3.297		
UnBiased	110	0.587	-4.619	-13.468	2.541	
	111	1.713	-4.458	-9.255	-0.960	
	124	0.544	-8.090	-10.362	-17.110	
	125	0.516	-6.303	-9.079	4.829	
	126	0.433	-7.519	-12.739	2.236	
	Min	0.433	-8.090	-13.468	-17.110	
	Max	1.713	-4.458	-9.079	4.829	
Average	0.759	-6.198	-10.981	-1.693		



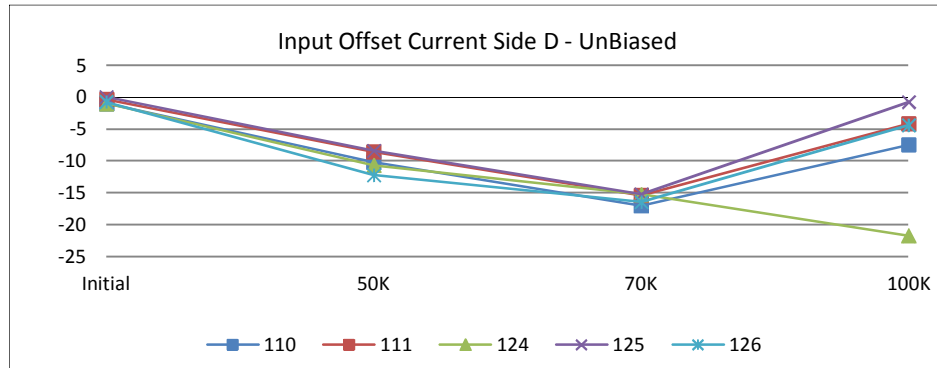
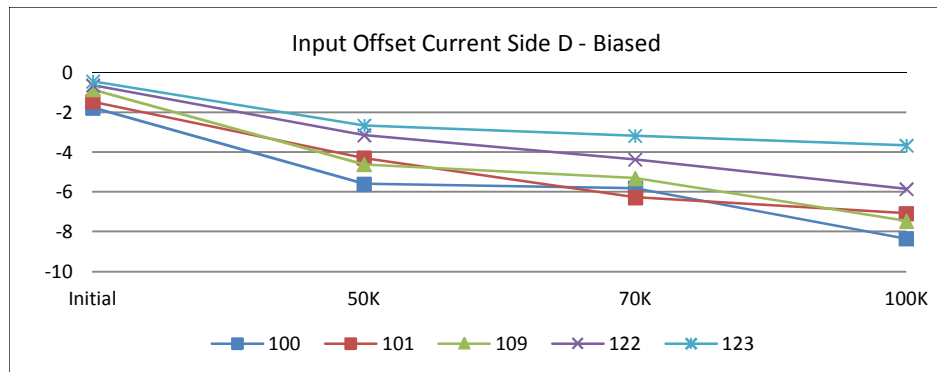
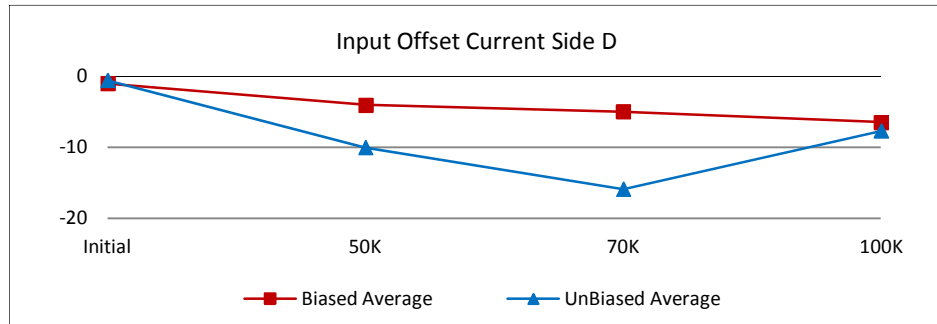
		T# 18	IOS B				nA
		SN	Initial	50K	70K	100K	Limit
Control	112	0.889	0.879	0.913	0.864		+/-50
	128	0.274	0.269	0.282	0.227		
Biased	100	0.599	-1.747	-2.542	-4.124		
	101	-0.003	-3.188	-4.027	-3.520		
	109	0.705	-1.593	-3.286	-5.199		
	122	1.209	-0.289	-0.462	-1.780		
	123	0.663	-1.338	-2.466	-2.988		
	Min	-0.003	-3.188	-4.027	-5.199		
	Max	1.209	-0.289	-0.462	-1.780		
Average	0.635	-1.631	-2.557	-3.522			
UnBiased	110	0.373	-6.496	-13.282	0.545		
	111	0.348	-6.194	-13.064	-0.917		
	124	0.570	-5.157	-11.488	-17.220		
	125	0.919	-6.902	-11.503	2.380		
	126	0.452	-6.058	-11.263	3.902		
	Min	0.348	-6.902	-13.282	-17.220		
	Max	0.919	-5.157	-11.263	3.902		
Average	0.532	-6.161	-12.120	-2.262			



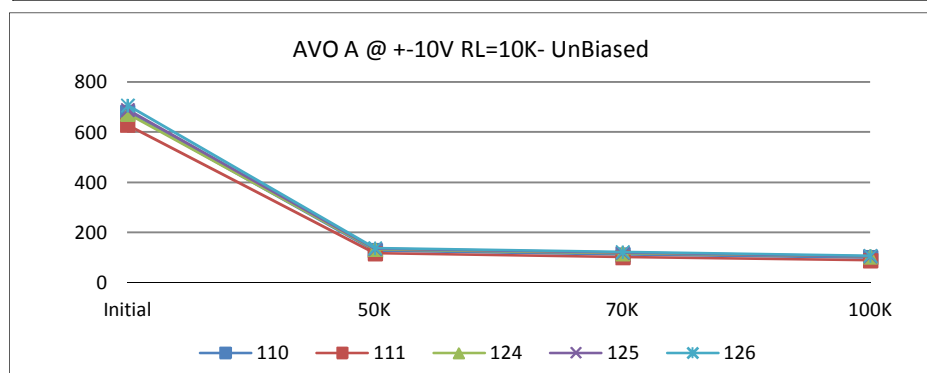
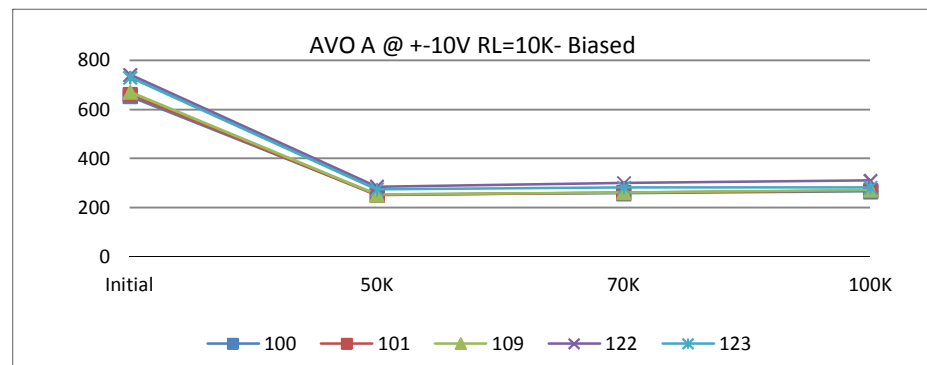
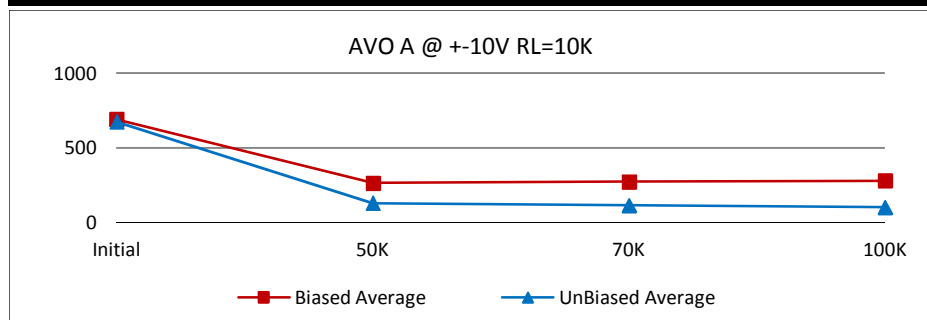
	T# 19	IOS C				nA
	SN	Initial	50K	70K	100K	Limit
Control	112	0.319	0.282	0.258	0.240	+/-50
	128	-0.711	-0.765	-0.789	-0.753	
Biased	100	-0.384	-3.088	-4.294	-4.770	
	101	-0.564	-2.538	-3.688	-5.755	
	109	-1.099	-4.415	-6.476	-6.794	
	122	0.474	-0.604	-2.413	-3.704	
	123	-0.711	-2.223	-3.677	-4.422	
	Min	-1.099	-4.415	-6.476	-6.794	
	Max	0.474	-0.604	-2.413	-3.704	
Average	-0.457	-2.574	-4.110	-5.089		
UnBiased	110	0.018	-7.631	-12.889	1.333	
	111	-0.587	-9.295	-16.007	-0.366	
	124	-0.445	-8.436	-10.851	-21.980	
	125	-0.190	-7.568	-14.049	0.387	
	126	-0.212	-6.886	-12.991	-2.861	
	Min	-0.587	-9.295	-16.007	-21.980	
	Max	0.018	-6.886	-10.851	1.333	
	Average	-0.283	-7.963	-13.357	-4.697	



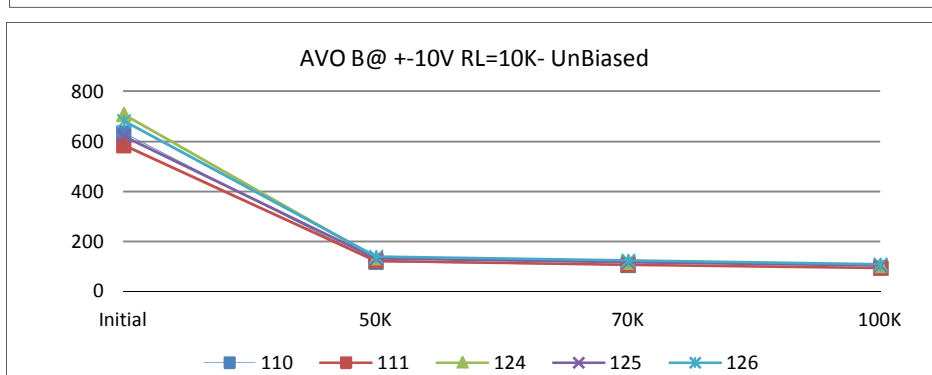
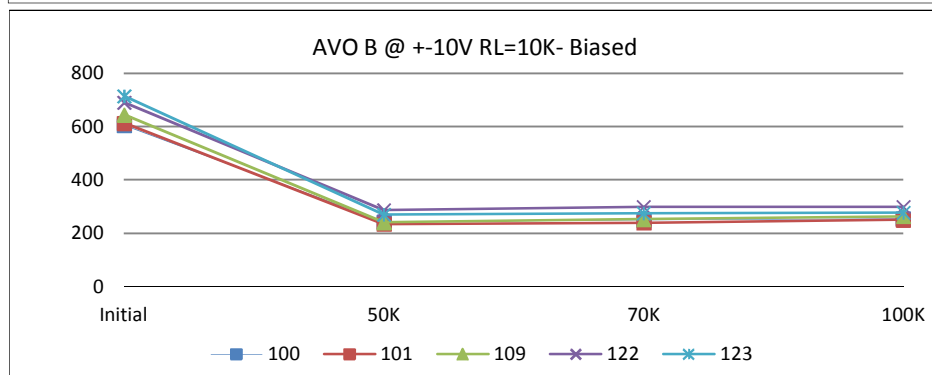
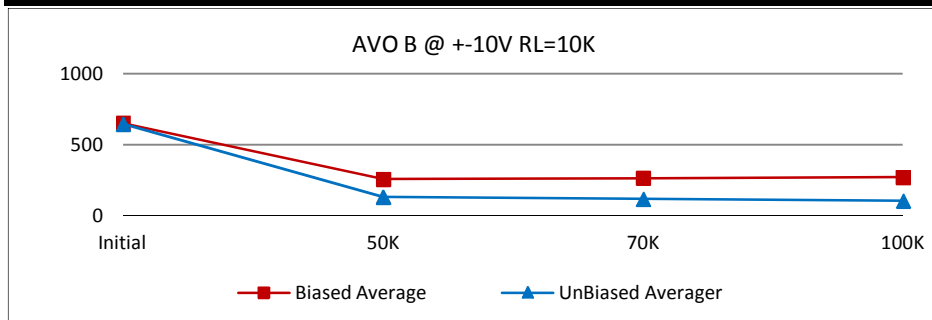
T# 20		IOS D				nA
SN		Initial	50K	70K	100K	Limit
Control	112	-0.999	-1.060	-1.100	-1.139	+/-50
	128	0.154	0.160	0.160	0.085	
Biased	100	-1.752	-5.585	-5.792	-8.353	
	101	-1.452	-4.279	-6.269	-7.081	
	109	-0.837	-4.615	-5.304	-7.463	
	122	-0.631	-3.131	-4.357	-5.853	
	123	-0.433	-2.642	-3.165	-3.662	
	Min	-1.752	-5.585	-6.269	-8.353	
	Max	-0.433	-2.642	-3.165	-3.662	
Average	-1.021	-4.050	-4.977	-6.482		
UnBiased	110	-0.977	-10.188	-17.028	-7.442	
	111	-0.329	-8.583	-15.413	-4.173	
	124	-1.005	-10.678	-15.270	-21.760	
	125	0.064	-8.405	-15.263	-0.726	
	126	-0.707	-12.212	-16.476	-4.399	
	Min	-1.005	-12.212	-17.028	-21.760	
	Max	0.064	-8.405	-15.263	-0.726	
Average	-0.591	-10.013	-15.890	-7.700		



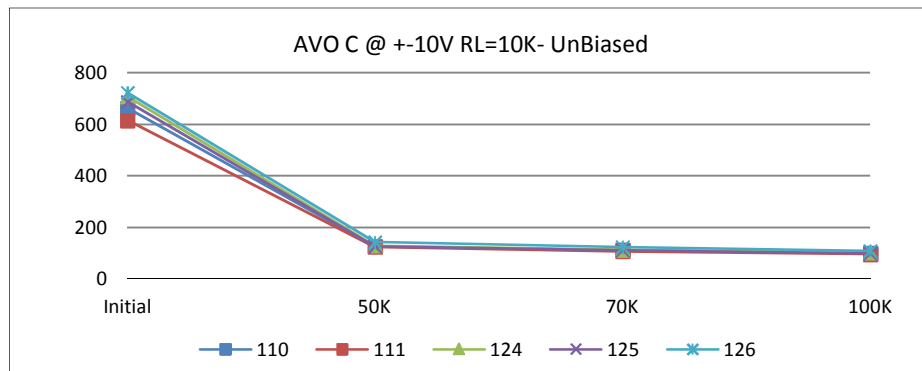
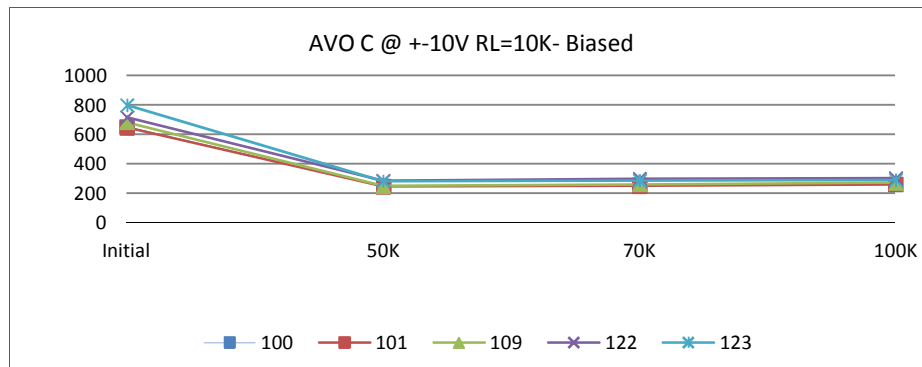
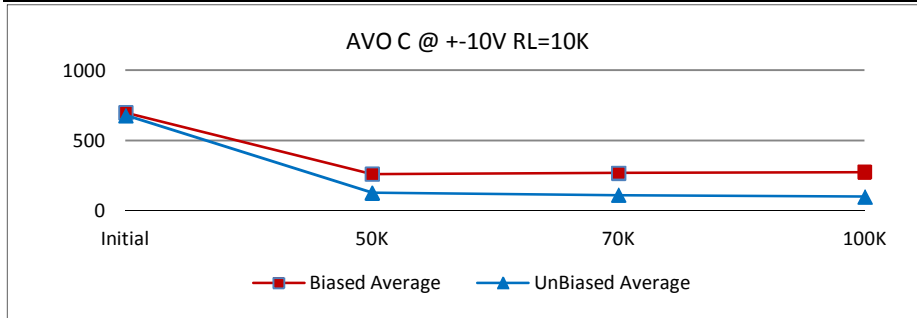
T# 25		AVO A @ +-10V RL=10K				V/mV
SN		Initial	50K	70K	100K	Limit
Control	112	622.469	625.554	627.762	605.655	>50
	128	705.569	738.583	727.157	735.958	
Biased	100	652.076	253.265	258.862	265.840	
	101	661.299	251.866	262.439	270.410	
	109	670.541	253.618	262.704	273.290	
	122	740.529	286.409	301.148	310.050	
	123	729.274	275.003	282.835	283.000	
	Min	652.076	251.866	258.862	265.840	
	Max	740.529	286.409	301.148	310.050	
Average	690.744	264.032	273.598	280.518		
UnBiased	110	678.273	127.853	111.840	100.890	
	111	627.827	116.296	101.285	89.010	
	124	672.519	133.118	117.211	104.600	
	125	688.518	135.613	118.854	105.970	
	126	705.842	138.498	122.495	107.730	
	Min	627.827	116.296	101.285	89.010	
	Max	705.842	138.498	122.495	107.730	
Average	674.596	130.276	114.337	101.640		



		T# 26	AVO B @ +-10V RL=10K				V/mV
		SN	Initial	50K	70K	100K	Limit
Control	112	604.315	618.970	643.947	628.191		>50
	128	718.073	723.345	734.776	732.116		
Biased	100	603.714	243.327	250.538	254.770		
	101	612.228	234.742	239.733	250.430		
	109	644.243	241.522	252.656	263.990		
	122	690.343	286.904	298.828	299.210		
	123	713.298	270.836	274.945	278.000		
	Min	603.714	234.742	239.733	250.430		
	Max	713.298	286.904	298.828	299.210		
Average	652.765	255.466	263.340	269.280			
UnBiased	110	634.822	118.150	104.333	93.710		
	111	584.366	122.682	106.590	94.140		
	124	708.310	134.463	119.001	105.620		
	125	619.719	132.827	117.204	104.480		
	126	681.824	139.611	123.240	109.500		
	Min	584.366	118.150	104.333	93.710		
	Max	708.310	139.611	123.240	109.500		
Average	645.808	129.547	114.074	101.490			



T# 27		AVO C @ +-10V RL=10K				V/mV
SN		Initial	50K	70K	100K	Limit
Control	112	621.409	632.499	628.195	623.039	>50
	128	749.971	742.191	761.157	766.914	
Biased	100	654.886	249.249	255.274	262.060	
	101	645.611	245.688	250.126	259.590	
	109	683.357	249.624	260.526	270.940	
	122	714.976	287.583	299.515	304.160	
	123	799.284	283.161	287.564	288.700	
	Min	645.611	245.688	250.126	259.590	
	Max	799.284	287.583	299.515	304.160	
Average	699.623	263.061	270.601	277.090		
UnBiased	110	662.501	125.580	111.478	99.630	
	111	615.120	123.271	106.896	94.760	
	124	707.485	129.038	112.691	100.700	
	125	686.444	126.443	110.579	98.130	
	126	723.200	141.893	122.916	109.240	
	Min	615.120	123.271	106.896	94.760	
	Max	723.200	141.893	122.916	109.240	
Average	678.950	129.245	112.912	100.492		



		T# 28	AVO D @ +-10V RL=10K				V/mV
		SN	Initial	50K	70K	100K	Limit
Control	112	691.914	690.470	686.370	675.182		>50
	128	794.062	784.003	808.763	815.996		
Biased	100	694.550	256.220	265.806	270.770		
	101	689.559	260.206	263.425	276.570		
	109	720.342	253.829	266.155	278.300		
	122	763.794	291.073	303.858	307.540		
	123	779.799	279.772	284.823	290.400		
	Min	689.559	253.829	263.425	270.770		
	Max	779.799	291.073	303.858	307.540		
Average	729.609	268.220	276.813	284.716			
UnBiased	110	684.126	120.732	106.014	94.950		
	111	627.611	115.779	100.798	88.890		
	124	740.529	130.535	114.008	102.480		
	125	701.228	129.625	114.151	102.160		
	126	771.224	133.753	116.084	103.390		
	Min	627.611	115.779	100.798	88.890		
	Max	771.224	133.753	116.084	103.390		
Average	704.944	126.085	110.211	98.374			

