



AHEAD OF WHAT'S POSSIBLE™

LOW DOSE RADIATION TEST REPORT ADA4610-2S

February 2016
Generic



Radiation Test Report	
Product:	ADA4610-2S
Gamma:	0,15k,30k,50k,75k,100k
Gamma Source:	Co60/TM1019 Condition D
Dose Rate:	8 mRad/s
Facilities:	VPT RAD
Tested:	3/2015 - 8/2015

The RADTEST® 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.

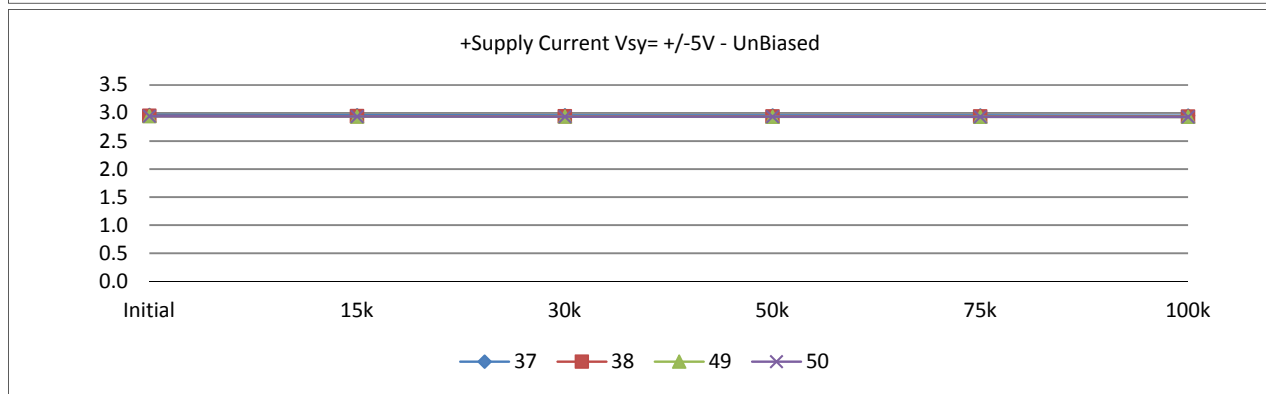
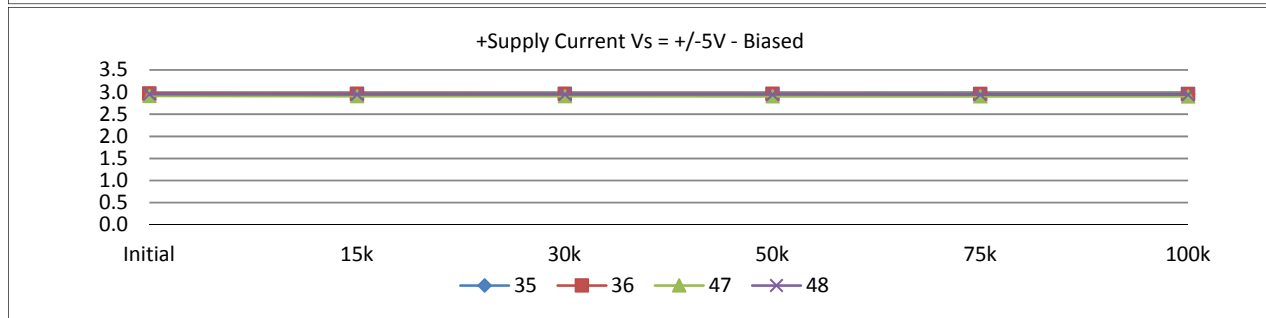
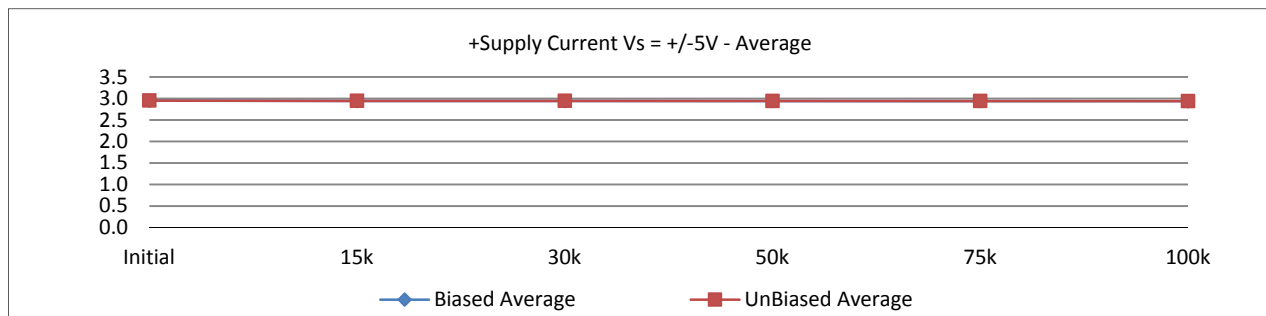
Warning:

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 Devices 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.

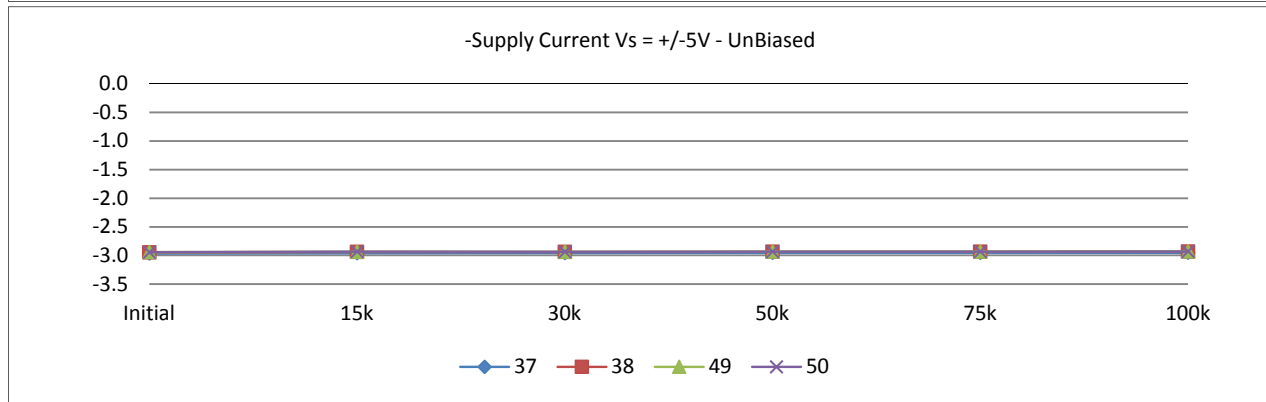
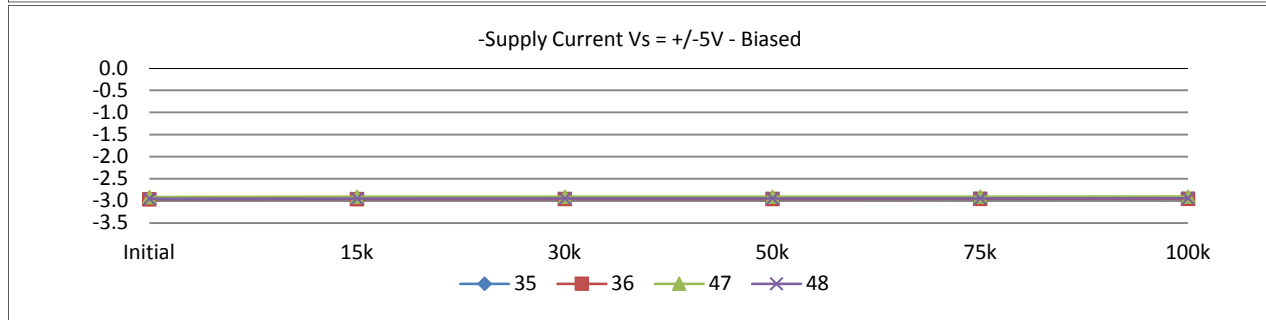
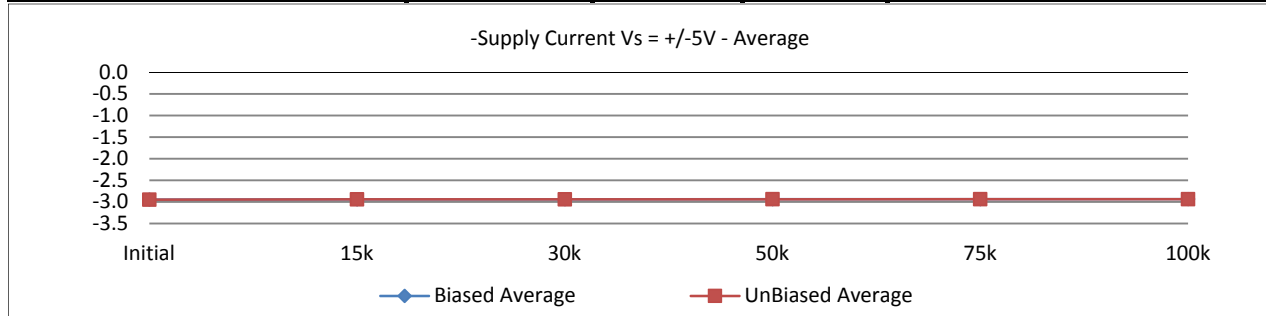
Note:

Sample 49 Over-ranged on the measurement for the Channel A, $V_s = \pm 5V$, CMRR, +Ibias, -Ibias, IOS, and AVO A tests at 100k Rads. These results were removed from the corresponding tables and graphs. The 100k Rad data is information only.

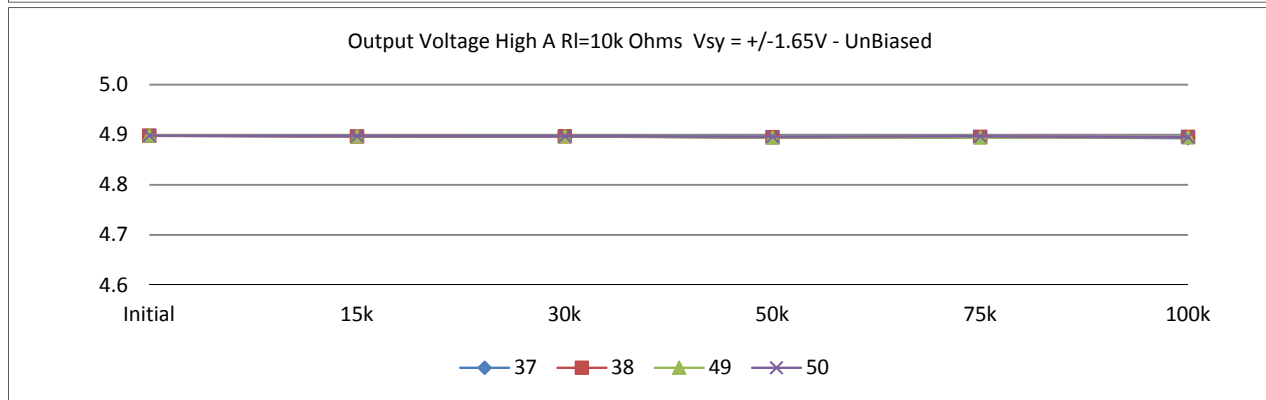
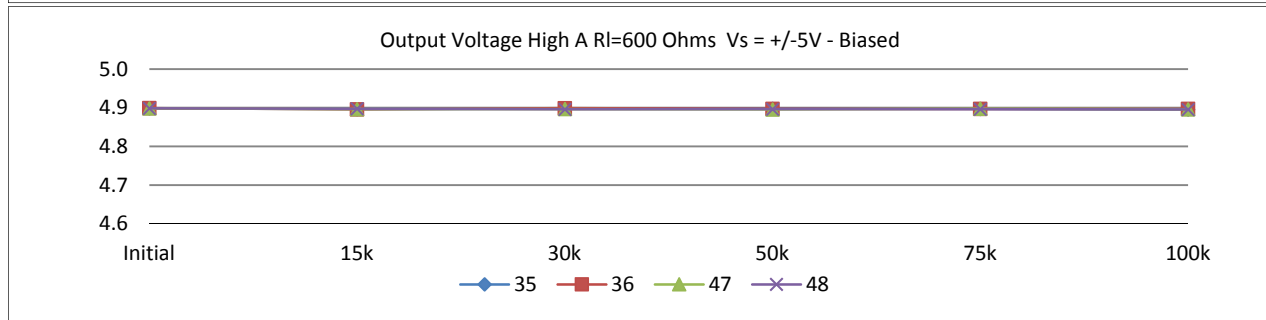
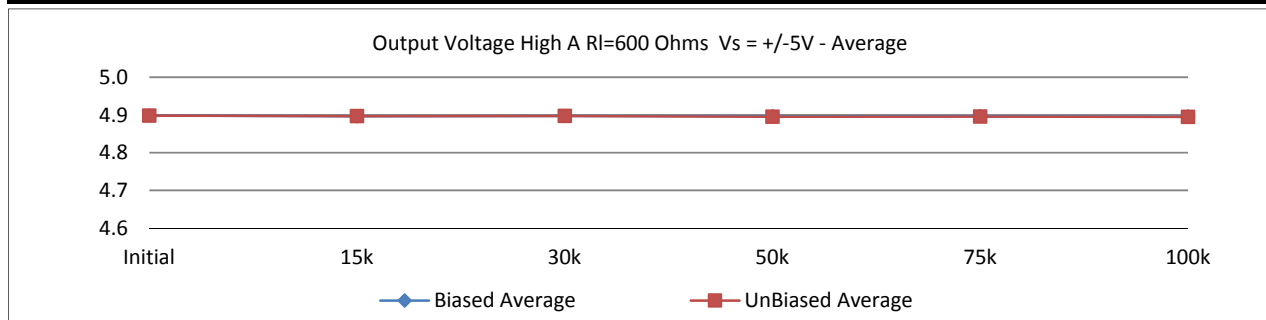
T# 1		+Isy @ VS=+-5.0V						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.96053	2.96047	2.96089	2.94662	2.96022	2.96123	<3.4
	57	2.93886	2.93848	2.93827	2.93783	2.93792	2.93893	
Biased	35	2.96443	2.95701	2.95680	2.95604	2.95457	2.95149	
	36	2.96380	2.95890	2.95712	2.95636	2.95520	2.95369	
	47	2.91166	2.90613	2.90592	2.90422	2.90212	2.90093	
	48	2.95343	2.94696	2.94550	2.94442	2.94295	2.94082	
	Min	2.91166	2.90613	2.90592	2.90422	2.90212	2.90093	
	Max	2.96443	2.95890	2.95712	2.95636	2.95520	2.95369	
	Average	2.94833	2.94225	2.94134	2.94026	2.93871	2.93673	
UnBiased	37	2.96694	2.96016	2.95932	2.95762	2.95677	2.95495	
	38	2.94809	2.94225	2.94016	2.93814	2.93761	2.93610	
	49	2.94338	2.93597	2.93482	2.93343	2.93196	2.93076	
	50	2.94307	2.93723	2.93576	2.93406	2.93321	2.93139	
	Min	2.94307	2.93597	2.93482	2.93343	2.93196	2.93076	
	Max	2.96694	2.96016	2.95932	2.95762	2.95677	2.95495	
	Average	2.95037	2.94390	2.94252	2.94081	2.93989	2.93830	



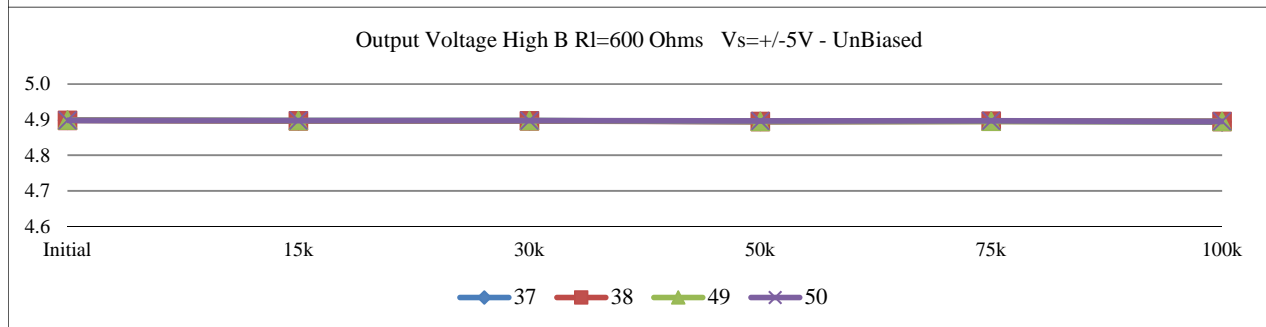
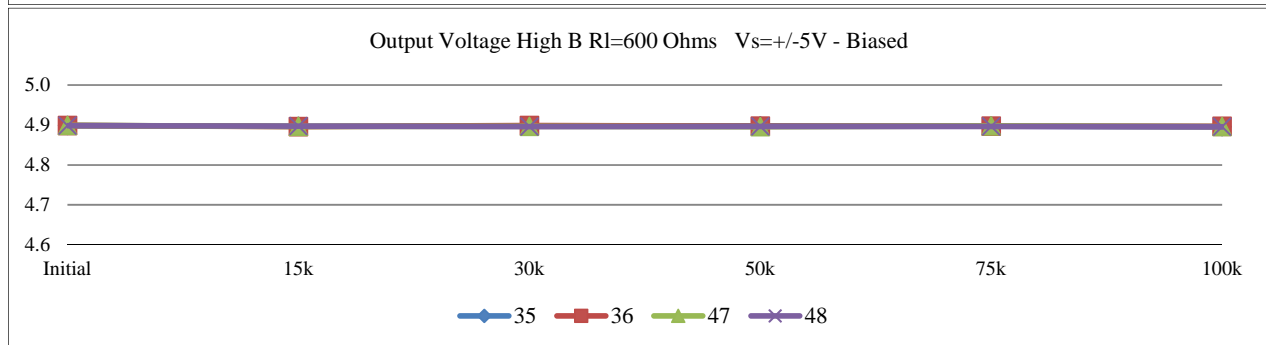
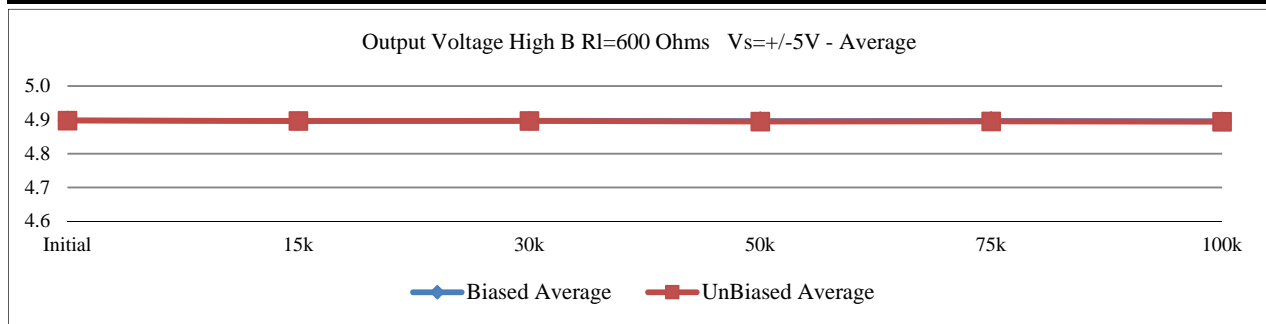
		-I _{sy} @ V _S =+-5.0V						mA	
		SN	Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-2.95959	-2.96179	-2.96005	-2.94828	-2.95914	-2.96134	>-3.4	
	57	-2.93574	-2.93732	-2.93903	-2.93761	-2.93655	-2.93750		
Biased	35	-2.96303	-2.95709	-2.95691	-2.95675	-2.95569	-2.95225		
	36	-2.96365	-2.95928	-2.95722	-2.95644	-2.95475	-2.95256		
	47	-2.91220	-2.90531	-2.90514	-2.90529	-2.90203	-2.90079		
	48	-2.95267	-2.94705	-2.94467	-2.94263	-2.94376	-2.94001		
	Min	-2.96365	-2.95928	-2.95722	-2.95675	-2.95569	-2.95256		
	Max	-2.91220	-2.90531	-2.90514	-2.90529	-2.90203	-2.90079		
	Average	-2.94789	-2.94218	-2.94099	-2.94028	-2.93906	-2.93640		
UnBiased	37	-2.96742	-2.96211	-2.96005	-2.95581	-2.95569	-2.95444		
	38	-2.94765	-2.94046	-2.93965	-2.93824	-2.93623	-2.93468		
	49	-2.94295	-2.93638	-2.93589	-2.93322	-2.93278	-2.93060		
	50	-2.94451	-2.93544	-2.93589	-2.93447	-2.93435	-2.93217		
	Min	-2.96742	-2.96211	-2.96005	-2.95581	-2.95569	-2.95444		
	Max	-2.94295	-2.93544	-2.93589	-2.93322	-2.93278	-2.93060		
	Average	-2.95063	-2.94360	-2.94287	-2.94044	-2.93976	-2.93797		



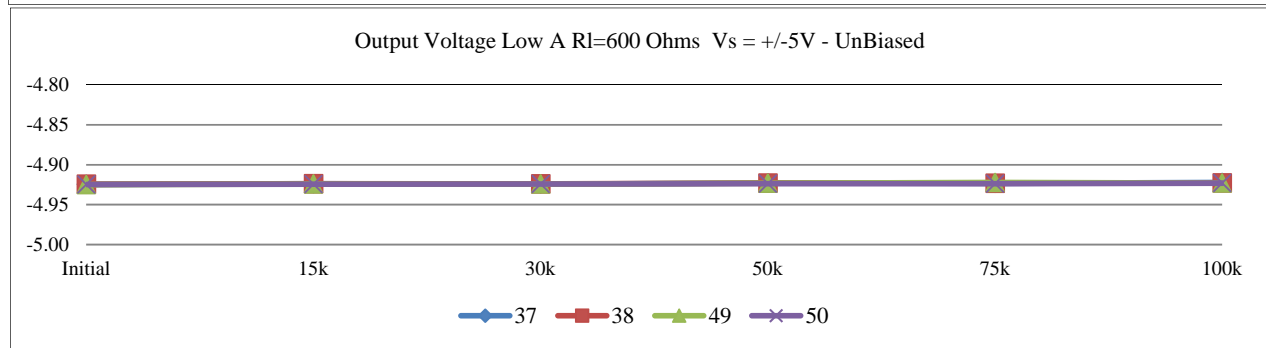
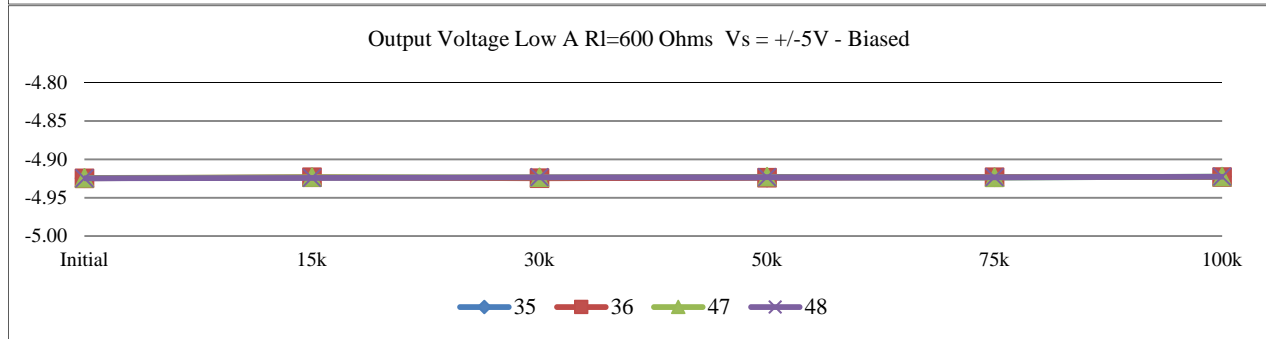
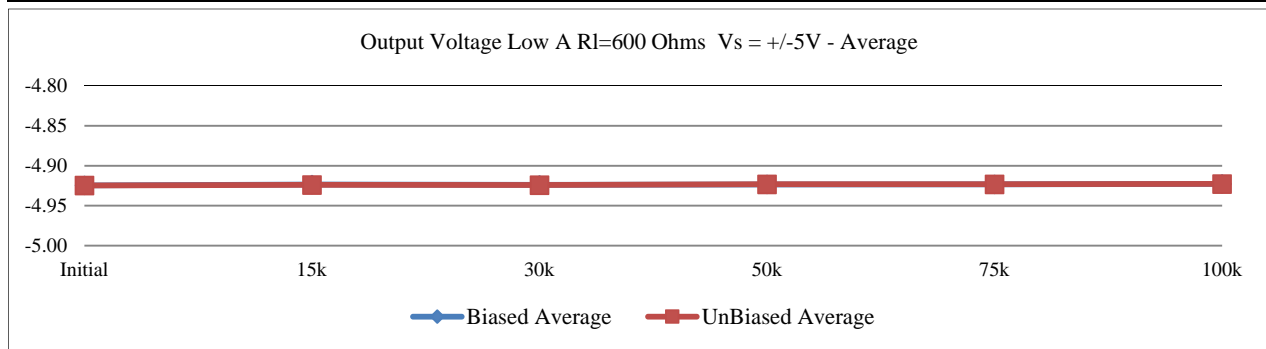
	T#3	Voh(A) Vs=+-5.0 RL= 600						V
	SN	Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	4.89807	4.89665	4.89701	4.89952	4.8973	4.89606	
	57	4.89790	4.89789	4.89697	4.89560	4.89575	4.89671	>4.6
Biased	35	4.89841	4.89624	4.89786	4.89749	4.89684	4.89537	
	36	4.89898	4.89582	4.89875	4.89696	4.89690	4.89685	
	47	4.89848	4.89626	4.89646	4.89555	4.89747	4.89593	
	48	4.89837	4.89728	4.89584	4.89621	4.89631	4.89554	
	Min	4.89837	4.89582	4.89584	4.89555	4.89631	4.89537	
	Max	4.89898	4.89728	4.89875	4.89749	4.89747	4.89685	
	Average	4.89856	4.89640	4.89723	4.89655	4.89688	4.89592	
UnBiased	37	4.89804	4.89696	4.89719	4.89451	4.89552	4.89320	
	38	4.89791	4.89645	4.89650	4.89459	4.89540	4.89522	
	49	4.89853	4.89705	4.89718	4.89478	4.89428	4.89507	
	50	4.89823	4.89737	4.89698	4.89615	4.89667	4.89518	
	Min	4.89791	4.89645	4.89650	4.89451	4.89428	4.89320	
	Max	4.89853	4.89737	4.89719	4.89615	4.89667	4.89522	
	Average	4.89818	4.89696	4.89696	4.89501	4.89547	4.89467	



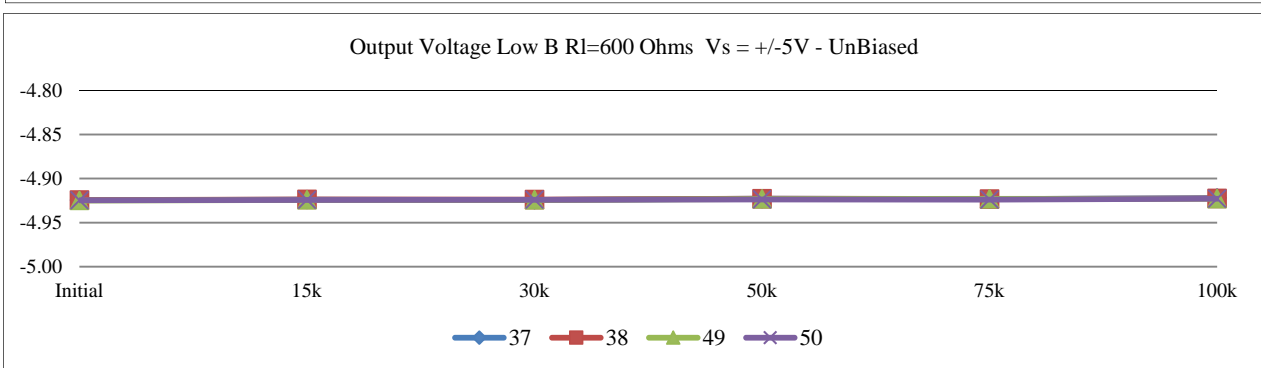
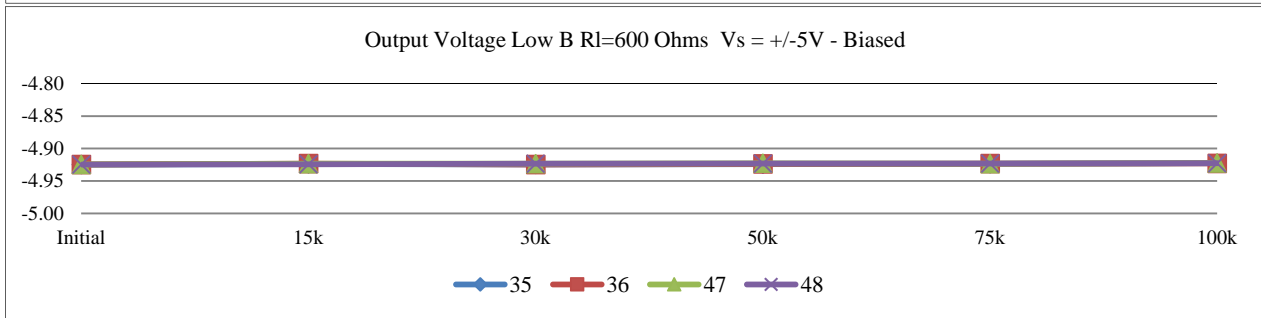
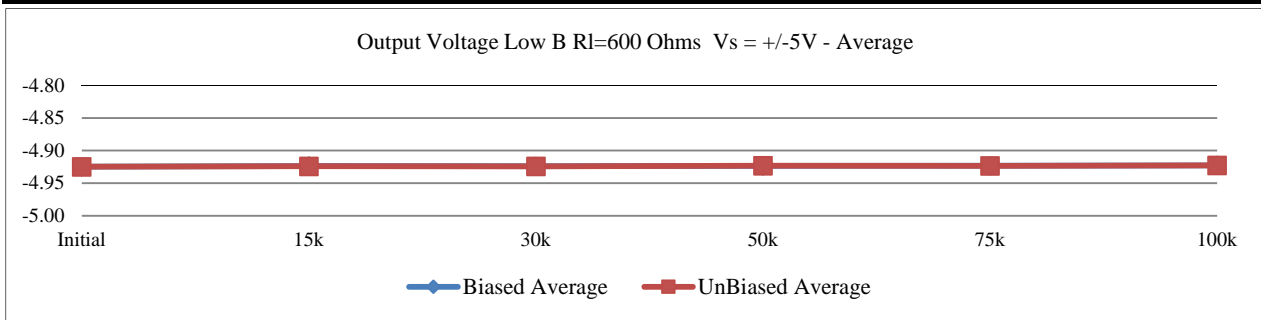
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SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	4.89813	4.89697	4.89713	4.89974	4.89742	4.89623	>4.6
	57	4.89792	4.89789	4.89714	4.89573	4.89595	4.89679	
Biased	35	4.89854	4.89660	4.89808	4.89774	4.89708	4.89570	
	36	4.89892	4.89597	4.89879	4.89697	4.89700	4.89679	
	47	4.89884	4.89644	4.89651	4.89564	4.89748	4.89577	
	48	4.89825	4.89724	4.89589	4.89612	4.89625	4.89542	
	Min	4.89825	4.89597	4.89589	4.89564	4.89625	4.89542	
	Max	4.89892	4.89724	4.89879	4.89774	4.89748	4.89679	
	Average	4.89864	4.89656	4.89732	4.89662	4.89695	4.89592	
	UnBiased	37	4.89806	4.89714	4.89729	4.89470	4.89567	4.89333
38	4.89794	4.89644	4.89653	4.89465	4.89557	4.89505		
49	4.89862	4.89710	4.89728	4.89497	4.89515	4.89508		
50	4.89821	4.89736	4.89701	4.89615	4.89679	4.89510		
Min	4.89794	4.89644	4.89653	4.89465	4.89515	4.89333		
Max	4.89862	4.89736	4.89729	4.89615	4.89679	4.89510		
Average	4.89821	4.89701	4.89703	4.89512	4.89580	4.89464		



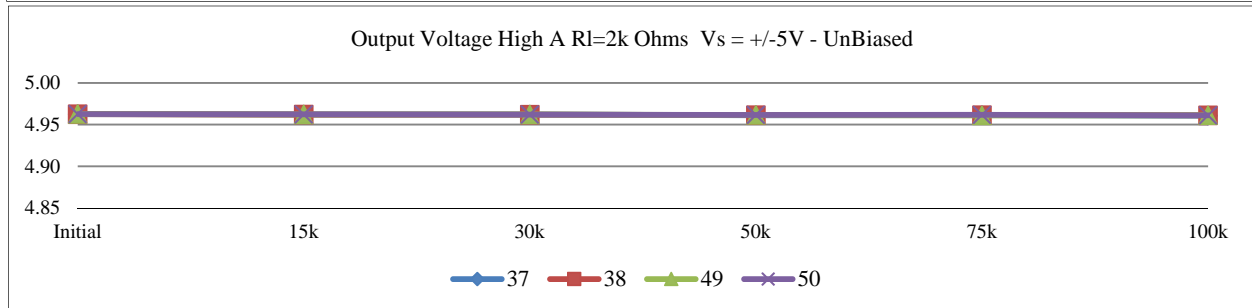
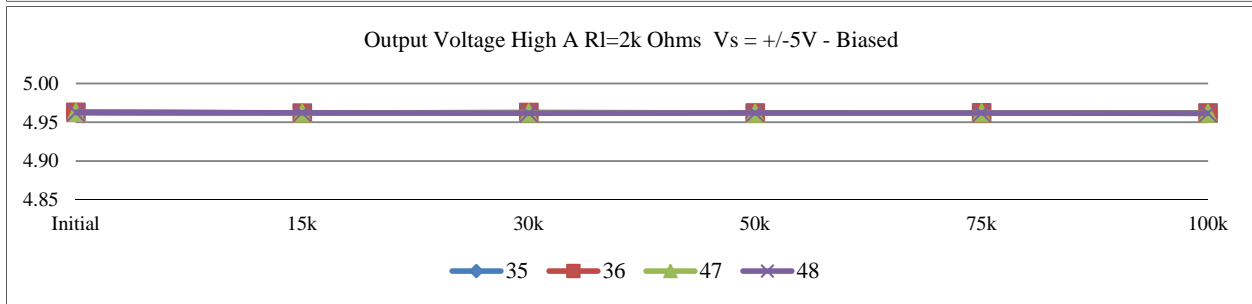
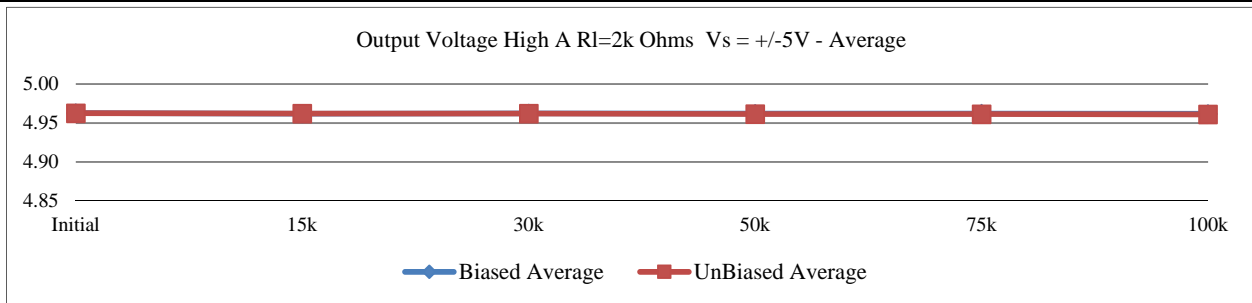
T#5		Vol(A) Vs=+-5.0 RL= 600						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-4.9247	-4.92383	-4.92422	-4.92446	-4.9244	-4.9236	<-4.8
	57	-4.92434	-4.92438	-4.92385	-4.92318	-4.92311	-4.92345	
Biased	35	-4.92473	-4.92353	-4.92440	-4.92399	-4.92345	-4.92251	
	36	-4.92466	-4.92324	-4.92458	-4.92382	-4.92321	-4.92303	
	47	-4.92428	-4.92328	-4.92342	-4.92274	-4.92348	-4.92262	
	48	-4.92470	-4.92417	-4.92328	-4.92321	-4.92324	-4.92268	
	Min	-4.92473	-4.92417	-4.92458	-4.92399	-4.92348	-4.92303	
	Max	-4.92428	-4.92324	-4.92328	-4.92274	-4.92321	-4.92251	
	Average	-4.92459	-4.92356	-4.92392	-4.92344	-4.92335	-4.92271	
UnBiased	37	-4.92461	-4.92374	-4.92422	-4.92280	-4.92327	-4.92219	
	38	-4.92440	-4.92373	-4.92390	-4.92289	-4.92308	-4.92282	
	49	-4.92489	-4.92418	-4.92422	-4.92305	-4.92227	-4.92296	
	50	-4.92472	-4.92426	-4.92407	-4.92365	-4.92378	-4.92300	
	Min	-4.92489	-4.92426	-4.92422	-4.92365	-4.92378	-4.92300	
	Max	-4.92440	-4.92373	-4.92390	-4.92280	-4.92227	-4.92219	
	Average	-4.92466	-4.92398	-4.92410	-4.92310	-4.92310	-4.92274	



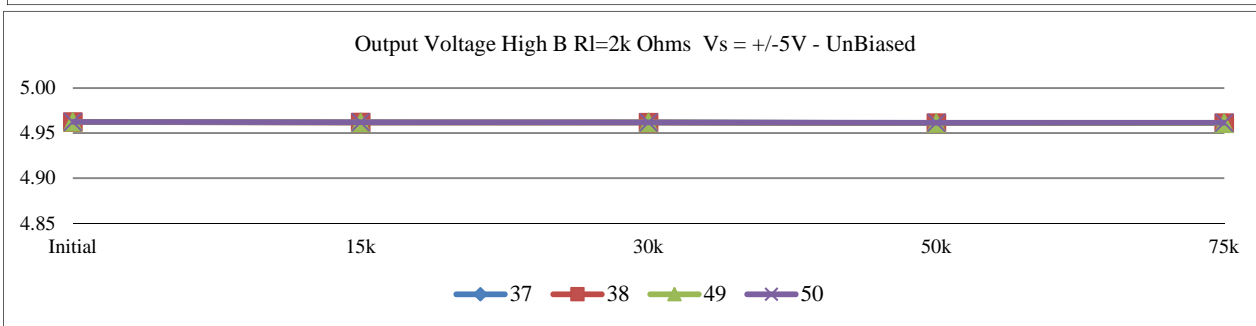
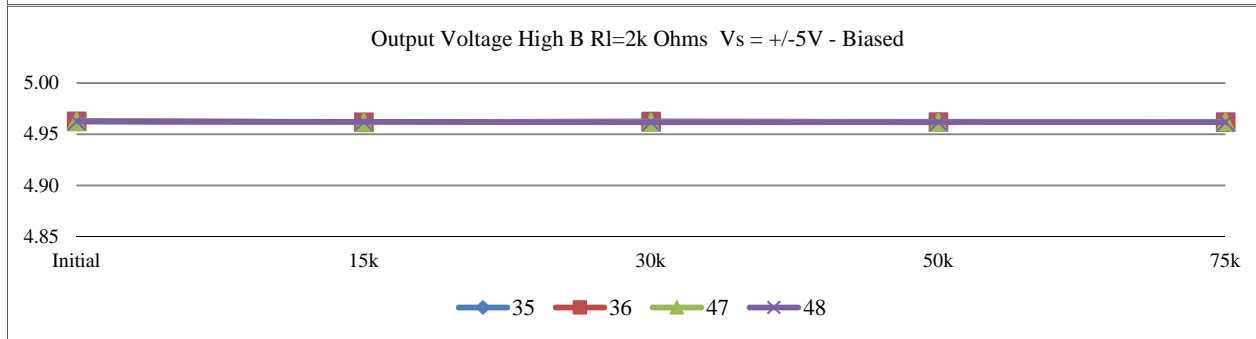
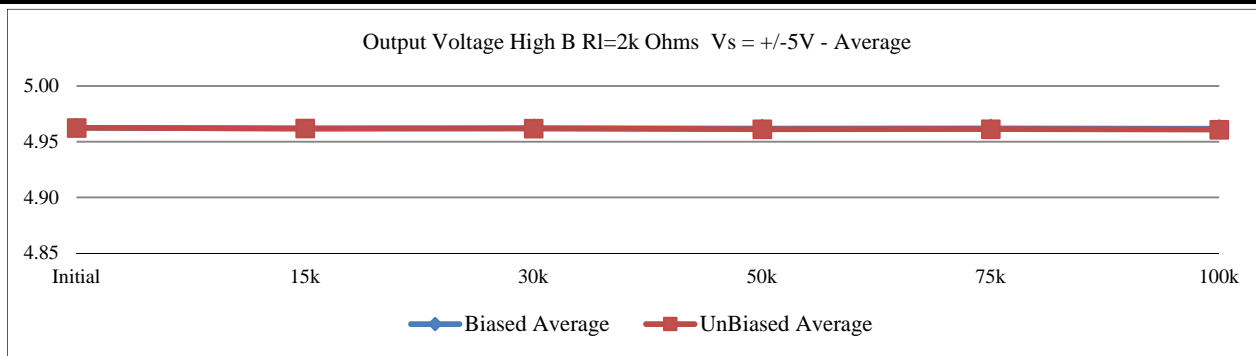
T#6		Vol(B) Vs=+-5.0 RL= 600						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-4.92471	-4.92405	-4.92420	-4.92455	-4.92443	-4.92369	<-4.8
	57	-4.92423	-4.92427	-4.92383	-4.92313	-4.92312	-4.92342	
Biased	35	-4.92473	-4.92372	-4.92446	-4.92407	-4.92350	-4.92261	
	36	-4.92457	-4.92324	-4.92453	-4.92372	-4.92318	-4.92287	
	47	-4.92455	-4.92338	-4.92336	-4.92273	-4.92341	-4.92237	
	48	-4.92465	-4.92416	-4.92332	-4.92313	-4.92316	-4.92257	
	Min	-4.92473	-4.92416	-4.92453	-4.92407	-4.92350	-4.92287	
	Max	-4.92455	-4.92324	-4.92332	-4.92273	-4.92316	-4.92237	
	Average	-4.92463	-4.92363	-4.92392	-4.92341	-4.92331	-4.92261	
UnBiased	37	-4.92457	-4.92383	-4.92423	-4.92286	-4.92327	-4.92210	
	38	-4.92439	-4.92366	-4.92385	-4.92286	-4.92321	-4.92260	
	49	-4.92499	-4.92420	-4.92429	-4.92316	-4.92306	-4.92296	
	50	-4.92470	-4.92424	-4.92409	-4.92365	-4.92387	-4.92292	
	Min	-4.92499	-4.92424	-4.92429	-4.92365	-4.92387	-4.92296	
	Max	-4.92439	-4.92366	-4.92385	-4.92286	-4.92306	-4.92210	
	Average	-4.92466	-4.92398	-4.92412	-4.92313	-4.92335	-4.92265	



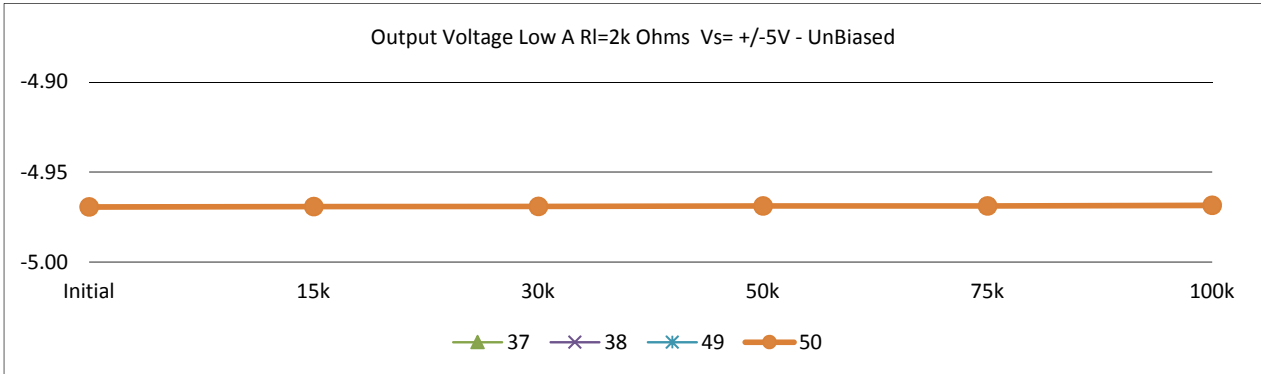
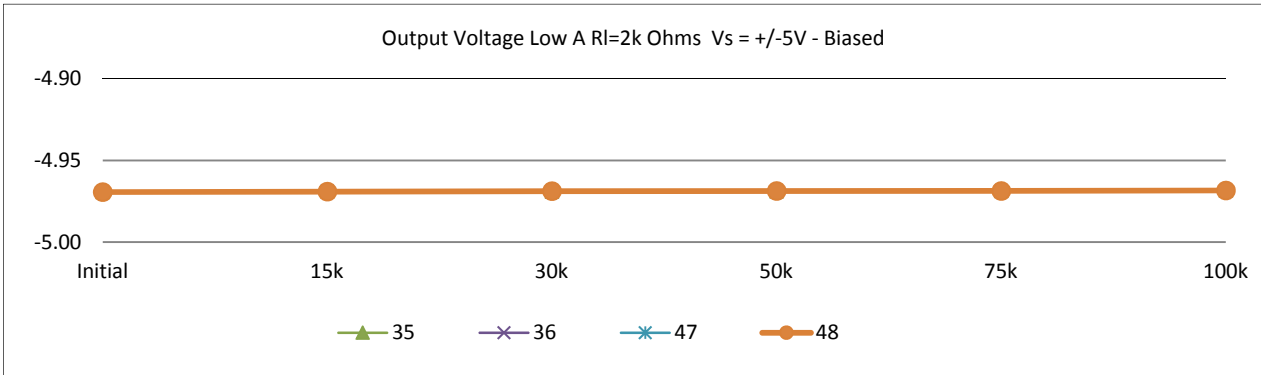
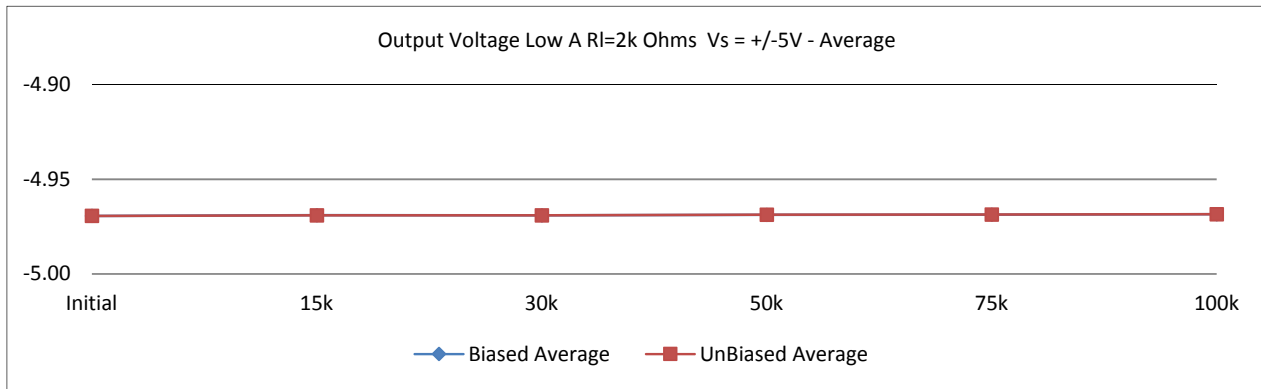
T#7		Voh(A) Vs=+-5.0 RL= 2K						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	4.96256	4.96224	4.96234	4.96300	4.96227	4.96194	>4.85
	57	4.96260	4.96252	4.96237	4.96200	4.96201	4.96221	
Biased	35	4.96270	4.96198	4.96237	4.96227	4.96209	4.96172	
	36	4.96286	4.96188	4.96267	4.96203	4.96212	4.96209	
	47	4.96281	4.96200	4.96214	4.96184	4.96232	4.96190	
	48	4.96268	4.96216	4.96188	4.96193	4.96196	4.96159	
	Min	4.96268	4.96188	4.96188	4.96184	4.96196	4.96159	
	Max	4.96286	4.96216	4.96267	4.96227	4.96232	4.96209	
	Average	4.96276	4.96201	4.96227	4.96202	4.96212	4.96183	
	UnBiased	37	4.96258	4.96209	4.96212	4.96129	4.96141	4.96071
38	4.96257	4.96204	4.96193	4.96137	4.96140	4.96123		
49	4.96271	4.96217	4.96211	4.96144	4.96103	4.96114		
50	4.96269	4.96227	4.96205	4.96168	4.96180	4.96117		
Min	4.96257	4.96204	4.96193	4.96129	4.96103	4.96071		
Max	4.96271	4.96227	4.96212	4.96168	4.96180	4.96123		
Average	4.96264	4.96214	4.96205	4.96145	4.96141	4.96106		



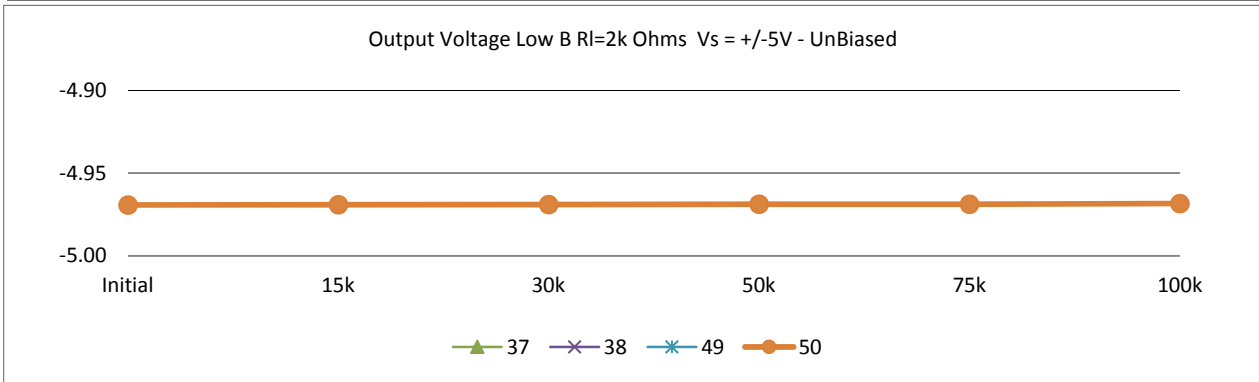
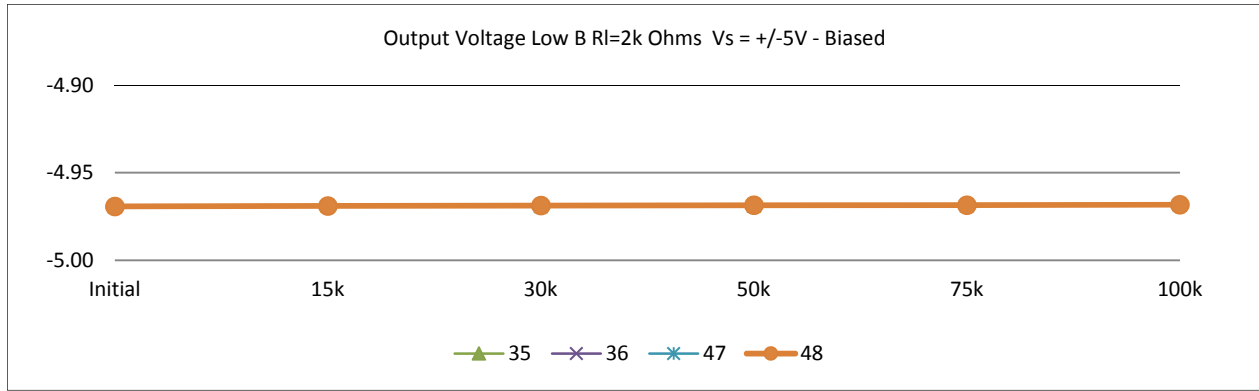
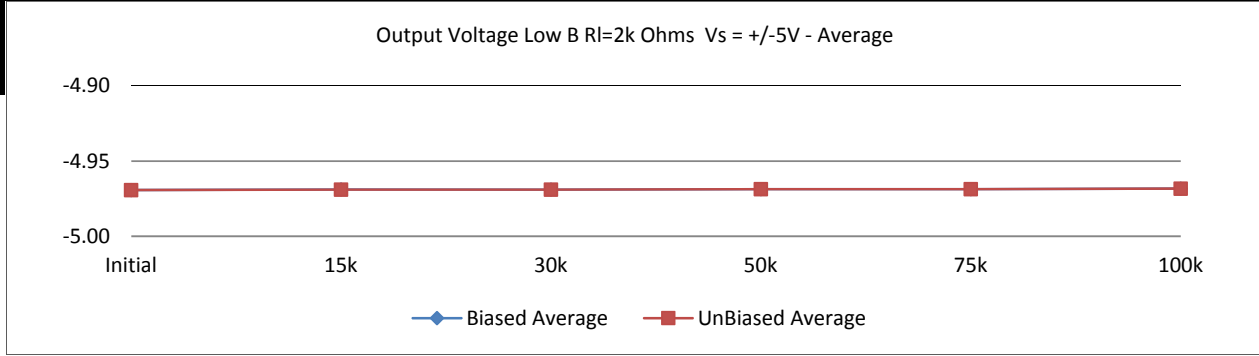
T#8		Voh(B) Vs=+-5.0 RL= 2K						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	4.96242	4.96216	4.96221	4.96289	4.96215	4.96184	>4.85
	57	4.96243	4.96236	4.96226	4.96186	4.96189	4.96207	
Biased	35	4.96258	4.96193	4.96228	4.96219	4.96202	4.96166	
	36	4.96270	4.96178	4.96255	4.96187	4.96201	4.96193	
	47	4.96277	4.96190	4.96201	4.96172	4.96218	4.96170	
	48	4.96250	4.96199	4.96173	4.96174	4.96179	4.96140	
	Min	4.96250	4.96178	4.96173	4.96172	4.96179	4.96140	
	Max	4.96277	4.96199	4.96255	4.96219	4.96218	4.96193	
	Average	4.96264	4.96190	4.96214	4.96188	4.96200	4.96167	
	UnBiased	37	4.96241	4.96198	4.96199	4.96117	4.96129	4.96057
38	4.96242	4.96188	4.96177	4.96121	4.96129	4.96102		
49	4.96258	4.96201	4.96196	4.96130	4.96110	4.96096		
50	4.96251	4.96212	4.96190	4.96154	4.96167	4.96098		
Min	4.96241	4.96188	4.96177	4.96117	4.96110	4.96057		
Max	4.96258	4.96212	4.96199	4.96154	4.96167	4.96102		
Average	4.96248	4.96200	4.96191	4.96131	4.96134	4.96088		



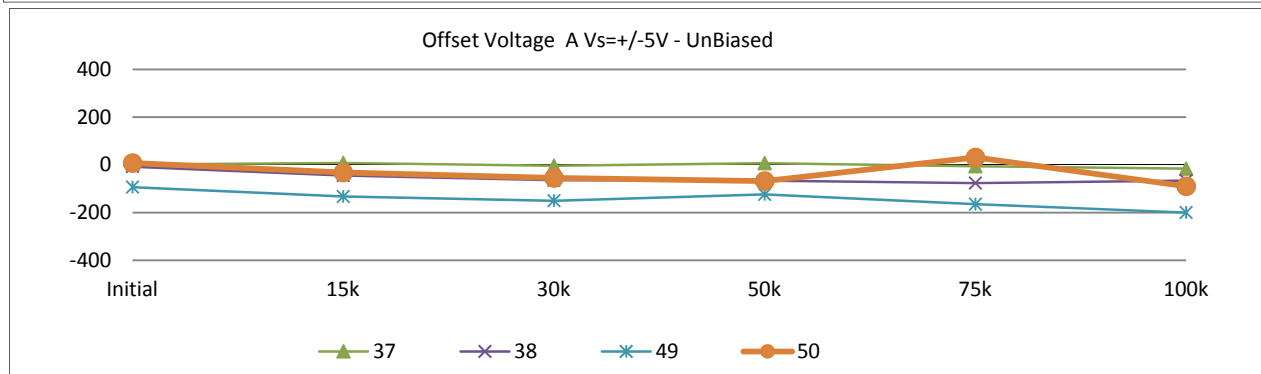
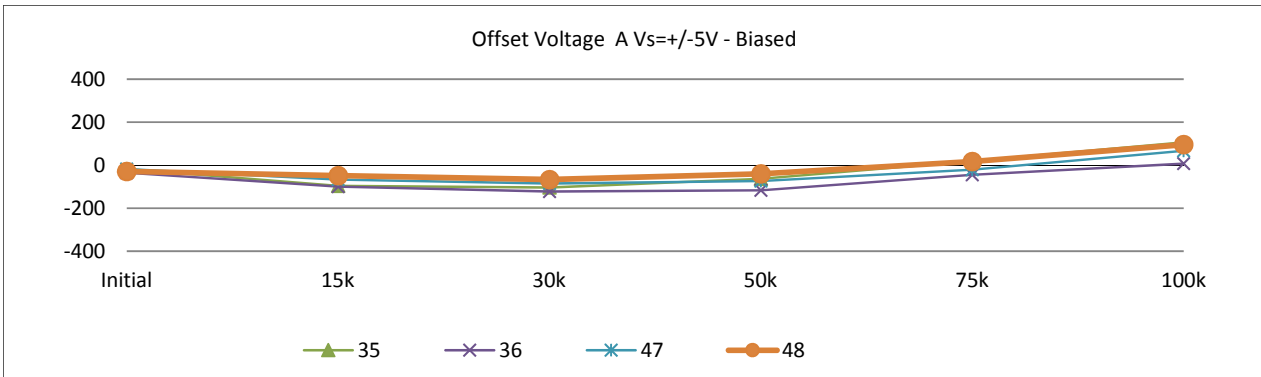
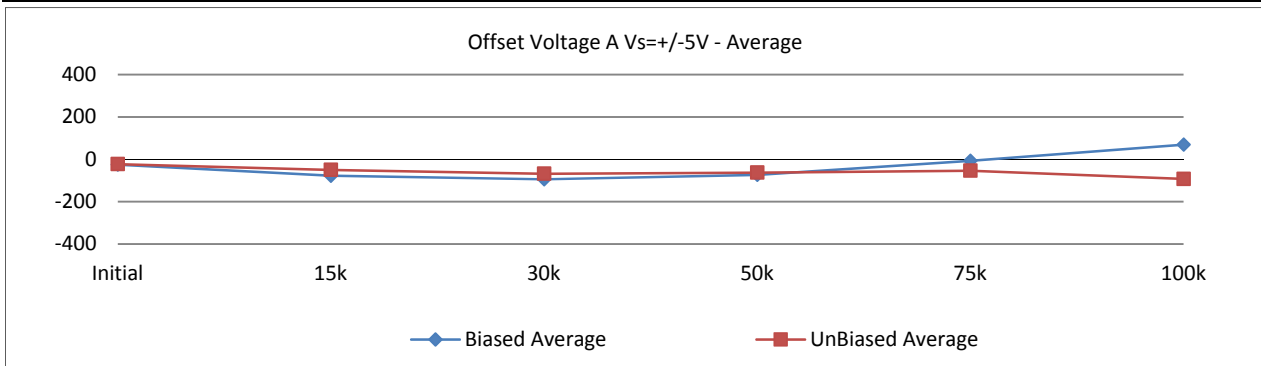
T#9		Vol(A) Vs=+-5.0 RL= 2K						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-4.96946	-4.96922	-4.96935	-4.96928	-4.96936	-4.96911	<-4.9
	57	-4.96922	-4.96922	-4.96910	-4.96891	-4.96885	-4.96890	
Biased	35	-4.96942	-4.96901	-4.96920	-4.96902	-4.96879	-4.96845	
	36	-4.96935	-4.96891	-4.96925	-4.96896	-4.96869	-4.96857	
	47	-4.96920	-4.96882	-4.96886	-4.96858	-4.96868	-4.96836	
	48	-4.96935	-4.96909	-4.96882	-4.96869	-4.96866	-4.96837	
	Min	-4.96942	-4.96909	-4.96925	-4.96902	-4.96879	-4.96857	
	Max	-4.96920	-4.96882	-4.96882	-4.96858	-4.96866	-4.96836	
	Average	-4.96933	-4.96896	-4.96903	-4.96881	-4.96871	-4.96844	
UnBiased	37	-4.96932	-4.96892	-4.96909	-4.96862	-4.96867	-4.96832	
	38	-4.96925	-4.96901	-4.96901	-4.96868	-4.96863	-4.96843	
	49	-4.96942	-4.96914	-4.96909	-4.96875	-4.96837	-4.96850	
	50	-4.96939	-4.96916	-4.96905	-4.96886	-4.96885	-4.96850	
	Min	-4.96942	-4.96916	-4.96909	-4.96886	-4.96885	-4.96850	
	Max	-4.96925	-4.96892	-4.96901	-4.96862	-4.96837	-4.96832	
	Average	-4.96935	-4.96906	-4.96906	-4.96873	-4.96863	-4.96844	



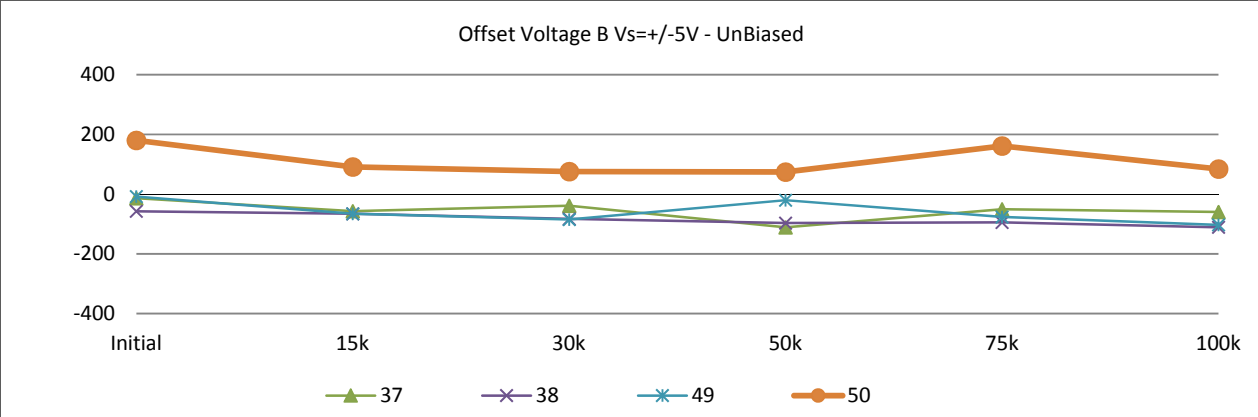
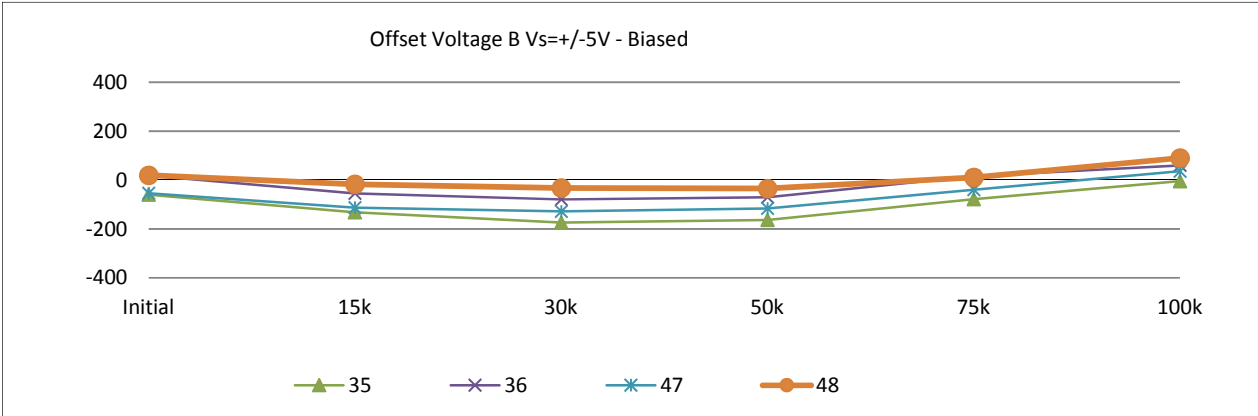
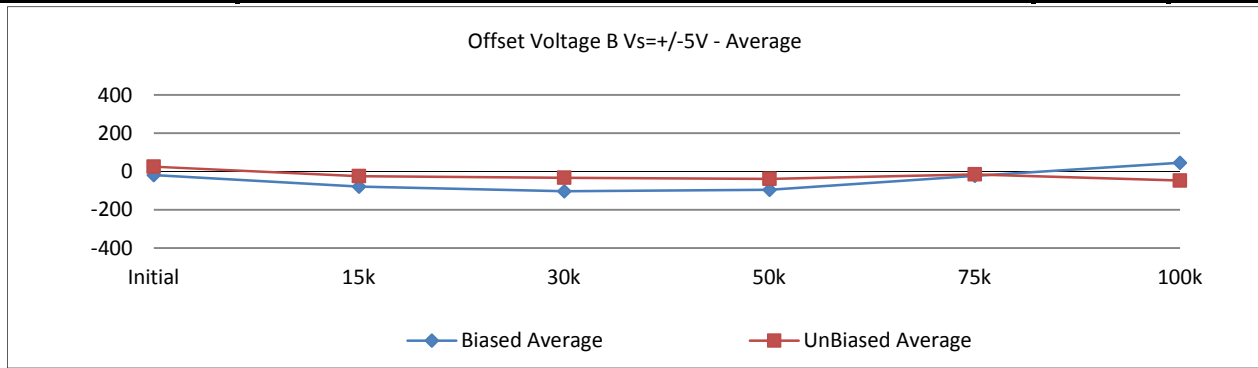
T#10	Vol(B) Vs=+-5.0 RL= 2K						V	
SN	Initial	15k	30k	50k	75k	100k	Limit	
CTRL	21	-4.96934	-4.96919	-4.96924	-4.96919	-4.96927	-4.96903	<-4.9
	57	-4.96911	-4.96909	-4.96899	-4.96879	-4.96875	-4.96879	
Biased	35	-4.96932	-4.96895	-4.96912	-4.96893	-4.96870	-4.96838	
	36	-4.96922	-4.96880	-4.96912	-4.96882	-4.96857	-4.96840	
	47	-4.96919	-4.96875	-4.96873	-4.96847	-4.96857	-4.96819	
	48	-4.96924	-4.96899	-4.96874	-4.96857	-4.96854	-4.96825	
	Min	-4.96932	-4.96899	-4.96912	-4.96893	-4.96870	-4.96840	
	Max	-4.96919	-4.96875	-4.96873	-4.96847	-4.96854	-4.96819	
	Average	-4.96924	-4.96887	-4.96893	-4.96870	-4.96860	-4.96831	
	UnBiased	37	-4.96918	-4.96885	-4.96898	-4.96852	-4.96856	-4.96818
38	-4.96915	-4.96888	-4.96890	-4.96856	-4.96857	-4.96826		
49	-4.96935	-4.96905	-4.96902	-4.96868	-4.96851	-4.96840		
50	-4.96926	-4.96906	-4.96896	-4.96876	-4.96877	-4.96839		
Min	-4.96935	-4.96906	-4.96902	-4.96876	-4.96877	-4.96840		
Max	-4.96915	-4.96885	-4.96890	-4.96852	-4.96851	-4.96818		
Average	-4.96924	-4.96896	-4.96897	-4.96863	-4.96860	-4.96831		



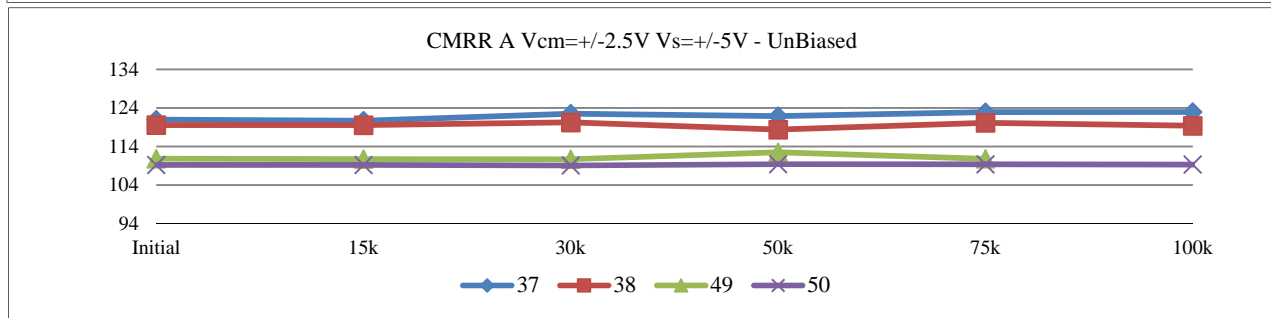
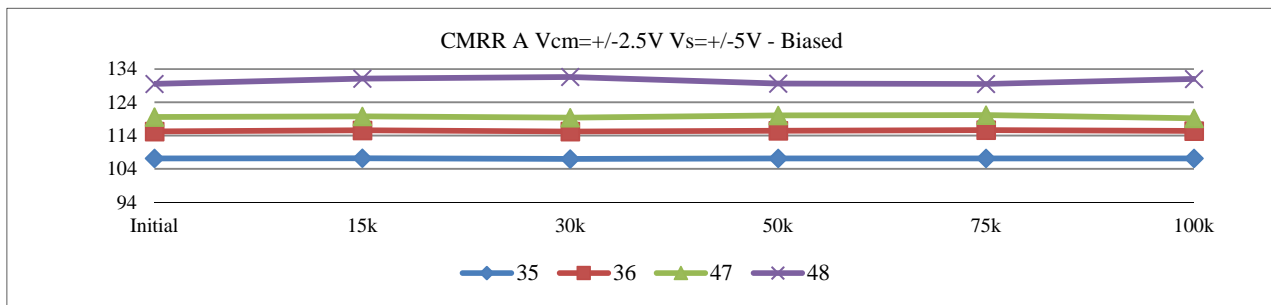
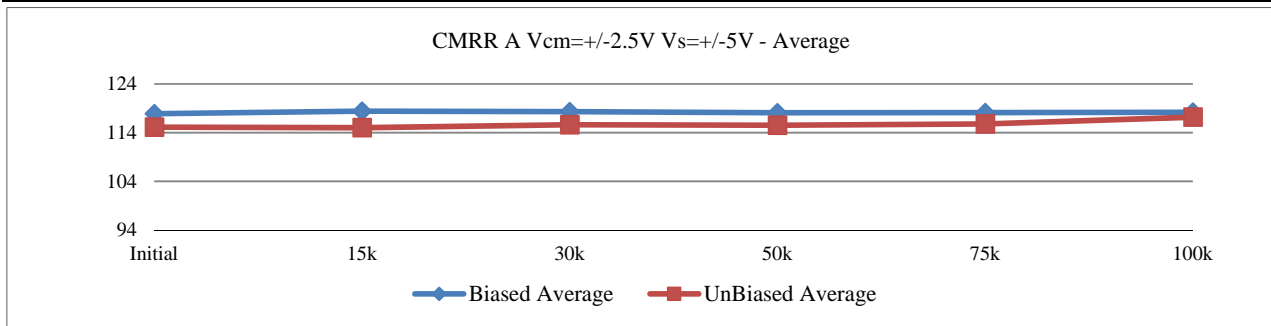
T#11		Vos(A) Vs=+-5.0V						uV
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-109.98599	-106.89926	-109.24531	-37.24412	-106.97416	-107.00805	+/-400
	57	20.57656	20.77682	20.35605	18.06729	18.29427	16.14261	
Biased	35	-18.23453	-95.81001	-103.79834	-63.06403	19.14024	106.22270	
	36	-35.22366	-99.60857	-122.81041	-116.90097	-44.75016	7.14139	
	47	-17.71573	-66.91590	-85.21474	-73.78707	-20.74175	66.69501	
	48	-29.15855	-48.80554	-66.85637	-40.41929	17.27471	95.55781	
	Min	-35.22366	-99.60857	-122.81041	-116.90097	-44.75016	7.14139	
	Max	-17.71573	-48.80554	-66.85637	-40.41929	19.14024	106.22270	
	Average	-25.08312	-77.78501	-94.66997	-73.54284	-7.26924	68.90423	
	UnBiased	37	1.44390	8.03322	-4.09977	6.97974	-6.09495	-15.89824
38	-7.55123	-44.97811	-64.42852	-66.45132	-76.48404	-66.34199		
49	-93.37678	-132.76015	-150.37174	-123.98593	-164.79430	-199.90791		
50	7.43890	-31.88854	-54.82904	-67.93525	31.20909	-89.95680		
Min	-93.37678	-132.76015	-150.37174	-123.98593	-164.79430	-199.90791		
Max	7.43890	8.03322	-4.09977	6.97974	31.20909	-15.89824		
Average	-23.01130	-50.39840	-68.43227	-62.84819	-54.04105	-93.02624		



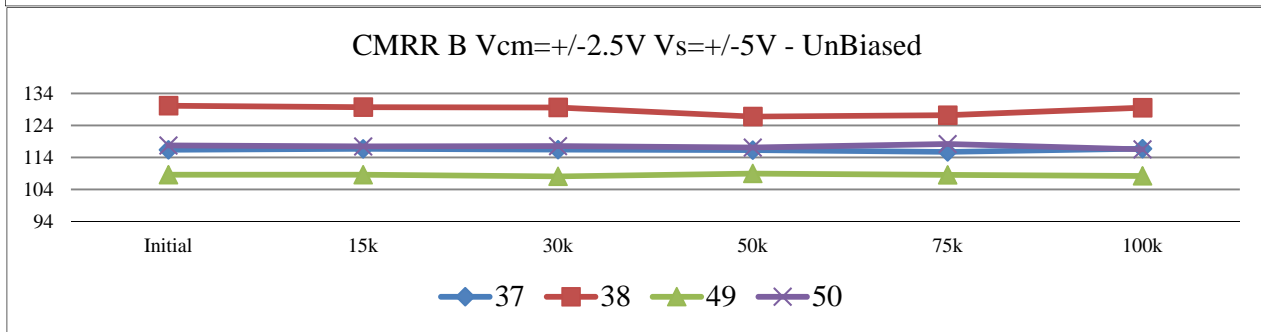
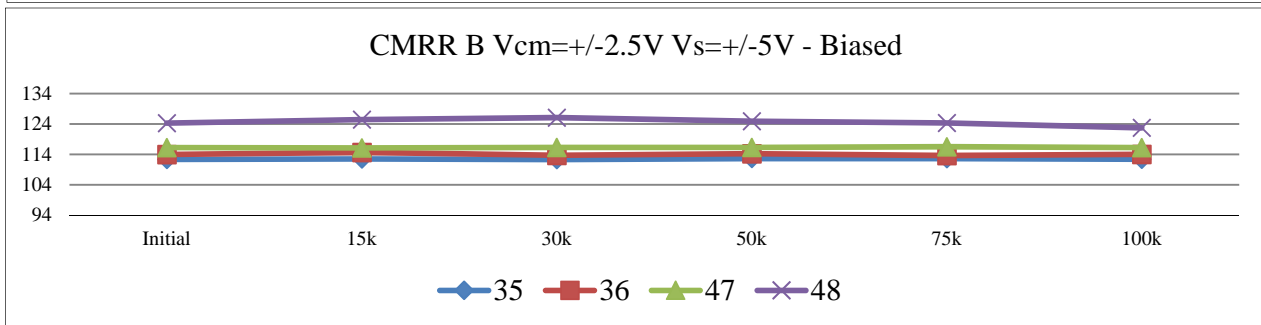
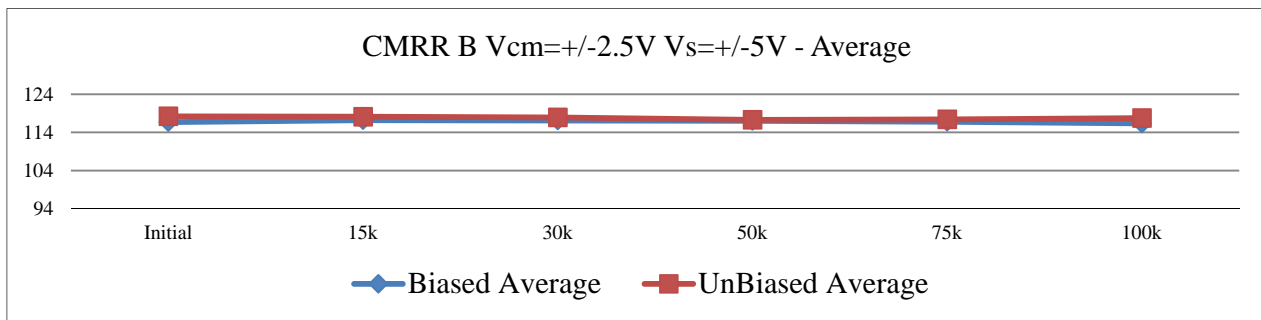
	T#12	Vos(B) Vs=+-5.0V						uV
	SN	Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-45.40709	-45.50230	-47.81034	-68.18873	-45.69451	-49.18494	+/-400
	57	-25.92136	-26.44103	-28.00478	-28.89373	-27.91375	-30.79539	
Biased	35	-59.89334	-131.74725	-173.93418	-163.01329	-78.15686	-4.43826	
	36	18.63027	-54.70558	-79.25837	-70.03210	15.87024	60.00220	
	47	-53.88803	-112.84162	-128.14389	-115.84199	-39.26753	36.19707	
	48	19.85248	-17.14183	-32.18916	-34.46896	10.91650	90.19499	
	Min	-59.89334	-131.74725	-173.93418	-163.01329	-78.15686	-4.43826	
	Max	19.85248	-17.14183	-32.18916	-34.46896	15.87024	90.19499	
	Average	-18.82466	-79.10907	-103.38140	-95.83909	-22.65941	45.48900	
UnBiased	37	-13.81827	-57.26362	-38.89088	-111.27603	-50.86329	-60.04308	
	38	-57.45088	-65.68816	-83.13028	-96.63175	-94.73087	-111.00292	
	49	-8.02725	-65.89311	-85.21899	-20.44740	-76.41621	-102.89698	
	50	180.01003	90.96670	75.90668	74.18941	161.19781	84.41861	
	Min	-57.45088	-65.89311	-85.21899	-111.27603	-94.73087	-111.00292	
	Max	180.01003	90.96670	75.90668	74.18941	161.19781	84.41861	
	Average	25.17841	-24.46955	-32.83337	-38.54144	-15.20314	-47.38109	



T#13		CMRR(A) Vcm=+-2.5V Vs=+-5V						dB
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	119.43903	119.87221	118.81439	116.33367	119.89226	120.00507	>94
	57	108.85771	108.78950	108.61949	108.84946	108.82285	108.83868	
Biased	35	107.15246	107.20070	106.99815	107.15388	107.15390	107.16699	
	36	115.26229	115.58369	115.25680	115.48104	115.67129	115.41374	
	47	119.59083	119.77238	119.40033	120.07230	120.17567	119.21285	
	48	129.54466	131.11555	131.62512	129.64238	129.52103	131.03571	
	Min	107.15246	107.20070	106.99815	107.15388	107.15390	107.16699	
	Max	129.54466	131.11555	131.62512	129.64238	129.52103	131.03571	
	Average	117.88756	118.41808	118.32010	118.08740	118.13047	118.20732	
UnBiased	37	120.95139	120.66453	122.50335	121.85100	122.89900	122.91470	
	38	119.56068	119.52465	120.23526	118.37814	120.13700	119.37093	
	49	110.81544	110.71051	110.67339	112.48999	110.80171		
	50	109.20403	109.19650	109.05939	109.39116	109.36724	109.30361	
	Min	109.20403	109.19650	109.05939	109.39116	109.36724	109.30361	
	Max	120.95139	120.66453	122.50335	121.85100	122.89900	122.91470	
	Average	115.13289	115.02405	115.61785	115.52757	115.80124	117.19641	

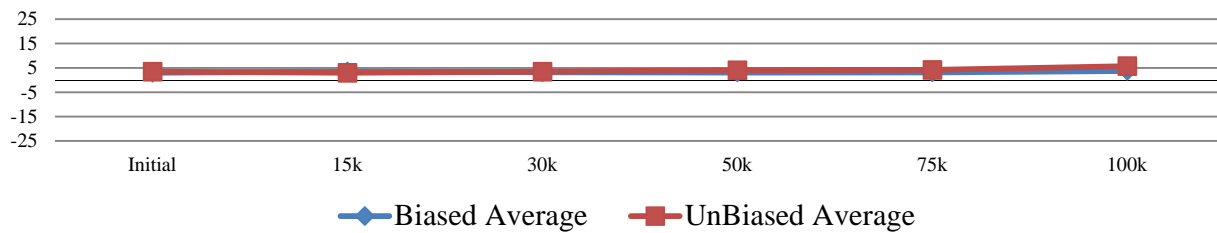


T#14		CMRR(B) Vcm=+-2.5V Vs=+-5V						dB
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	115.25907	115.11955	115.00185	119.51151	115.18375	114.91469	>94
	57	110.47432	110.45551	110.48960	110.55486	110.74098	110.56288	
Biased	35	112.35626	112.52616	112.31702	112.64545	112.63563	112.39161	
	36	113.98512	114.68507	113.70910	114.24041	113.64693	114.03637	
	47	116.23505	116.13815	116.31889	116.27864	116.53011	116.22671	
	48	124.30677	125.45824	126.09486	124.92162	124.32668	122.74925	
	Min	112.35626	112.52616	112.31702	112.64545	112.63563	112.39161	
	Max	124.30677	125.45824	126.09486	124.92162	124.32668	122.74925	
	Average	116.72080	117.20191	117.10997	117.02153	116.78484	116.35099	
	UnBiased	37	116.40495	116.68073	116.43502	116.30161	115.72852	116.72687
38		130.14177	129.69958	129.59776	126.77315	127.16307	129.53807	
49		108.58764	108.59973	108.08962	108.97088	108.53774	108.23359	
50		117.73755	117.44038	117.53901	117.09093	118.18808	116.53717	
Min		108.58764	108.59973	108.08962	108.97088	108.53774	108.23359	
Max		130.14177	129.69958	129.59776	126.77315	127.16307	129.53807	
Average		118.21798	118.10511	117.91535	117.28414	117.40435	117.75893	

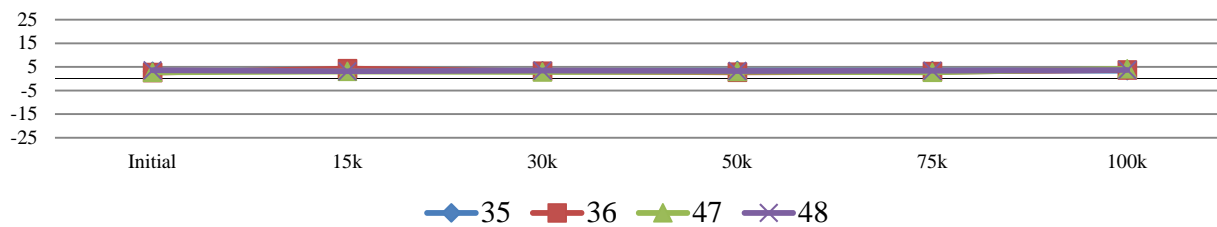


T#15		+Ib(A) Vs=+-5.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.7909	2.88386	2.59186	2.29152	2.35753	2.81326	+/-25
	57	2.70674	2.52633	2.39435	2.57559	2.26839	2.69074	
Biased	35	3.13845	3.73465	3.34521	3.45792	3.41946	3.38891	
	36	2.55853	4.23350	3.13334	2.69621	2.96482	3.69977	
	47	2.68624	3.03197	2.82036	3.00257	2.67753	4.17727	
	48	3.56797	3.12918	3.42081	3.24426	3.35149	3.66596	
	Min	2.55853	3.03197	2.82036	2.69621	2.67753	3.38891	
	Max	3.56797	4.23350	3.42081	3.45792	3.41946	4.17727	
	Average	2.98780	3.53233	3.17993	3.10024	3.10333	3.73298	
UnBiased	37	3.24607	3.56178	3.43710	4.11144	4.12260	6.17720	
	38	2.81475	2.94761	3.64062	4.21216	4.04195	5.84279	
	49	3.69301	2.61707	3.21690	3.51657	4.19282	5.37623	
	50	4.05237	2.78902	3.49813	4.28833	4.25894	5.41899	
	Min	2.81475	2.61707	3.21690	3.51657	4.04195	5.37623	
	Max	4.05237	3.56178	3.64062	4.28833	4.25894	6.17720	
	Average	3.45155	2.97887	3.44819	4.03213	4.15408	5.70380	

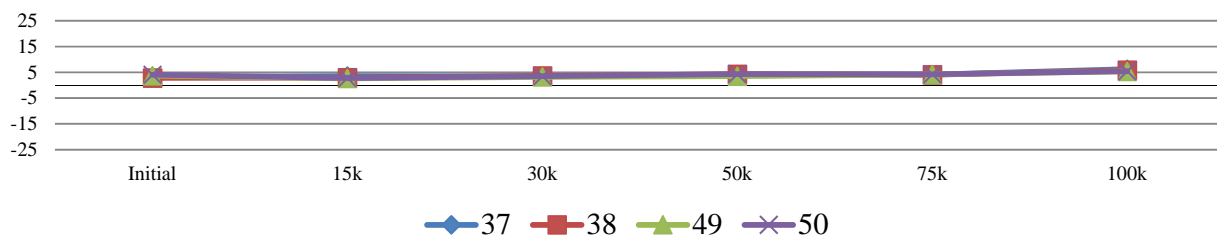
+Ibias A Vcm=0V Vs=+-5V - Average



+Ibias A Vcm=0V Vs=+-5V - Biased

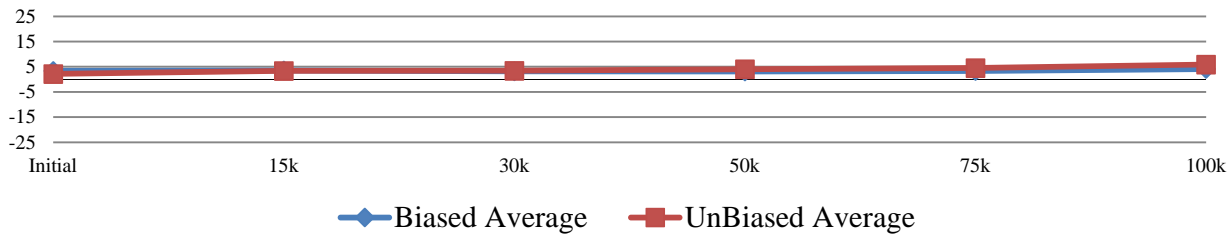


+Ibias A Vcm=0V Vs=+-5V - UnBiased

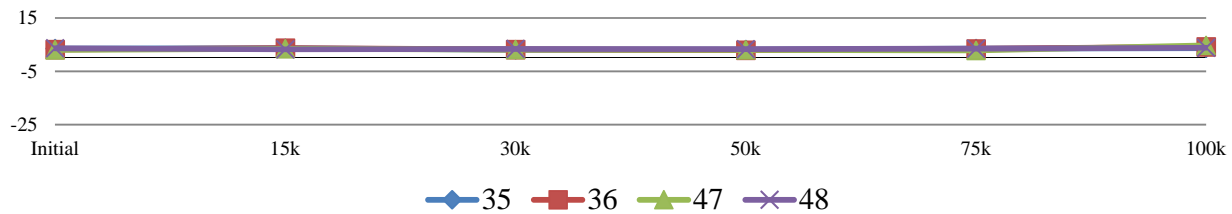


T#16		+Ib(B) Vs=+-5.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	3.1282	3.24522	3.03005	2.98934	3.4079	4.00151	+/-25
	57	3.10866	3.21906	2.94691	3.25909	3.23360	3.64674	
Biased	35	3.51671	3.66658	3.04085	3.15975	3.52520	3.66216	
	36	3.18582	3.71029	3.20146	2.93633	3.42614	4.21163	
	47	3.03569	3.46574	3.15060	3.03761	2.82584	4.71171	
	48	3.64007	3.23533	3.38610	3.30183	3.47204	3.83036	
	Min	3.03569	3.23533	3.04085	2.93633	2.82584	3.66216	
	Max	3.64007	3.71029	3.38610	3.30183	3.52520	4.71171	
	Average	3.34457	3.51949	3.19475	3.10888	3.31231	4.10397	
UnBiased	37	3.55289	3.57857	3.68776	4.14497	4.85929	6.52296	
	38	3.61823	3.41508	3.64095	3.96633	4.43893	6.18548	
	49	4.03806	3.13424	2.95067	3.86255	4.37320	5.48443	
	50	-2.49780	3.38283	3.38945	4.13983	4.41616	5.43188	
	Min	-2.49780	3.13424	2.95067	3.86255	4.37320	5.43188	
	Max	4.03806	3.57857	3.68776	4.14497	4.85929	6.52296	
	Average	2.17785	3.37768	3.41721	4.02842	4.52190	5.90619	

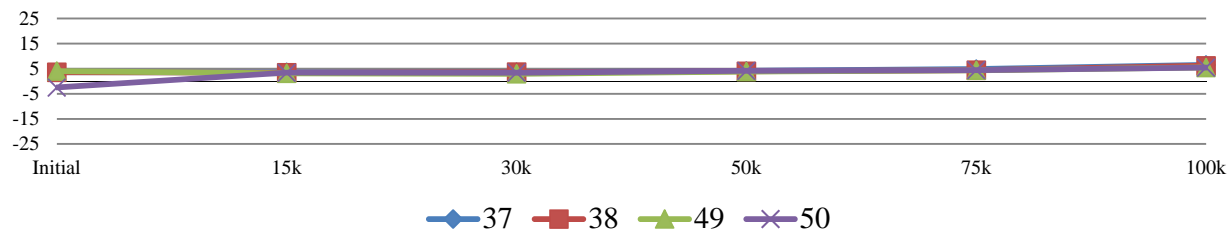
+Ibias B Vcm=0V Vs=+-5V - Average



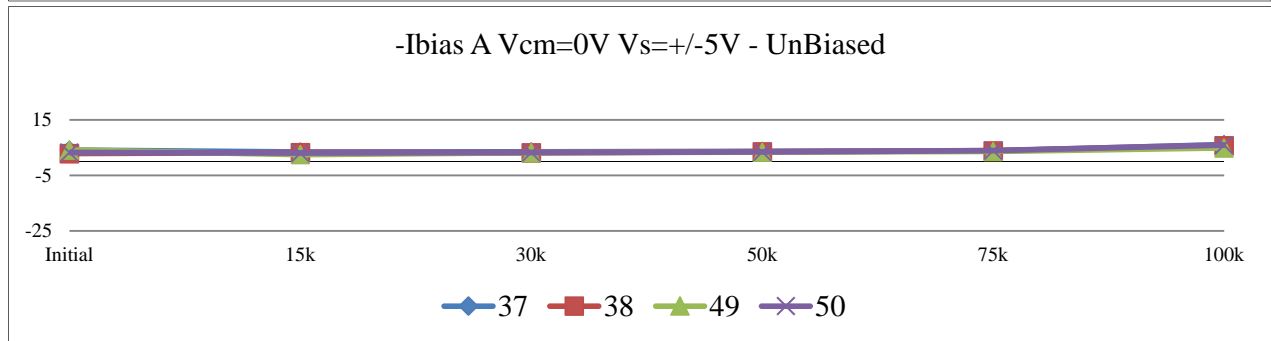
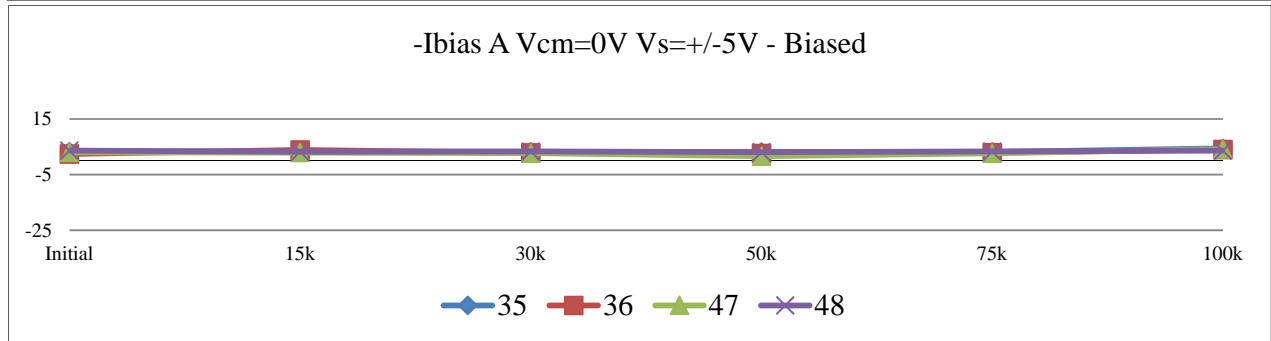
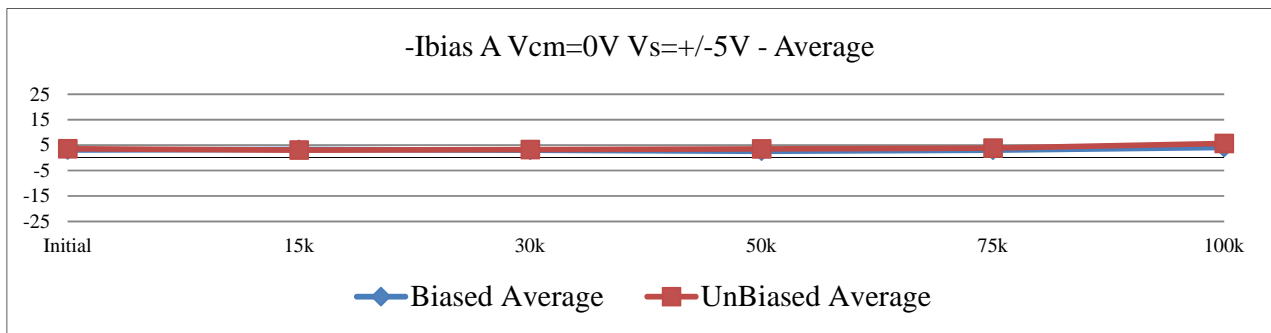
+Ibias B Vcm=0V Vs=+-5V - Biased



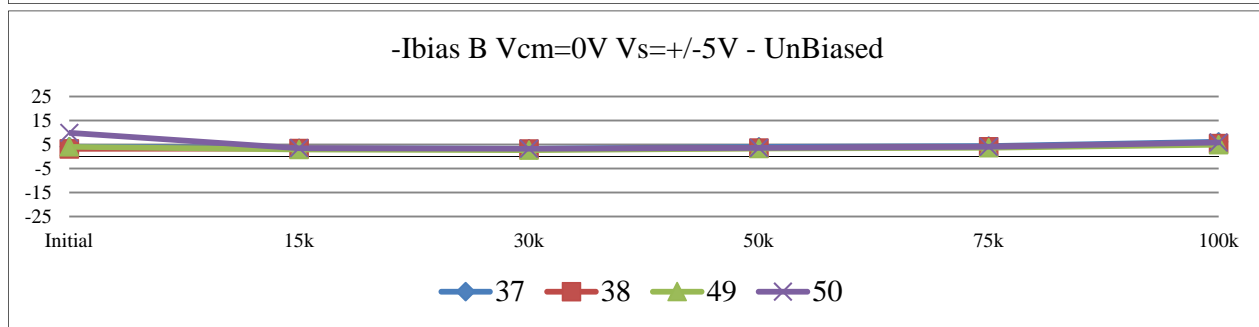
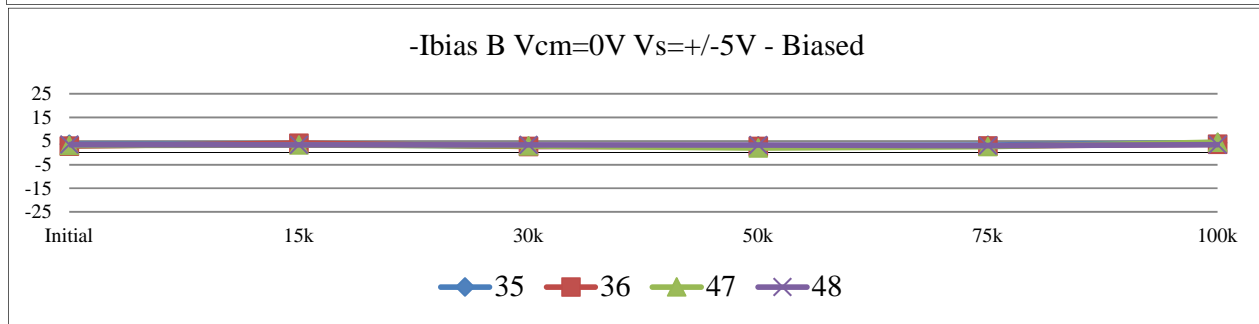
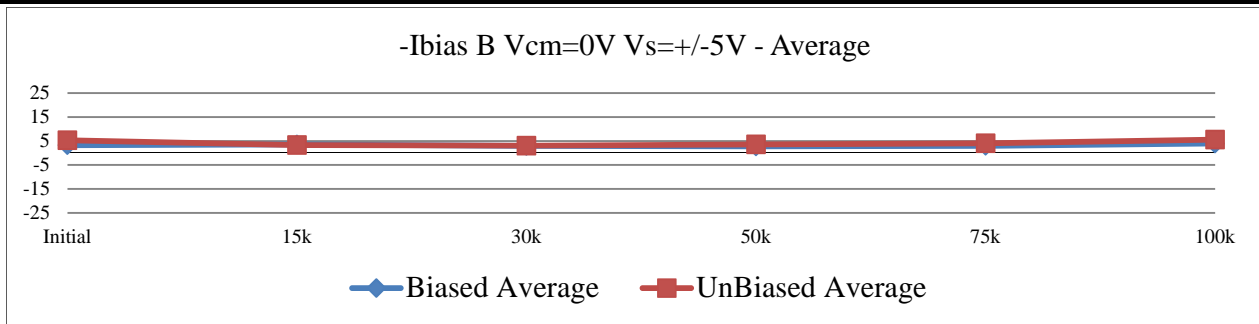
+Ibias B Vcm=0V Vs=+-5V - UnBiased



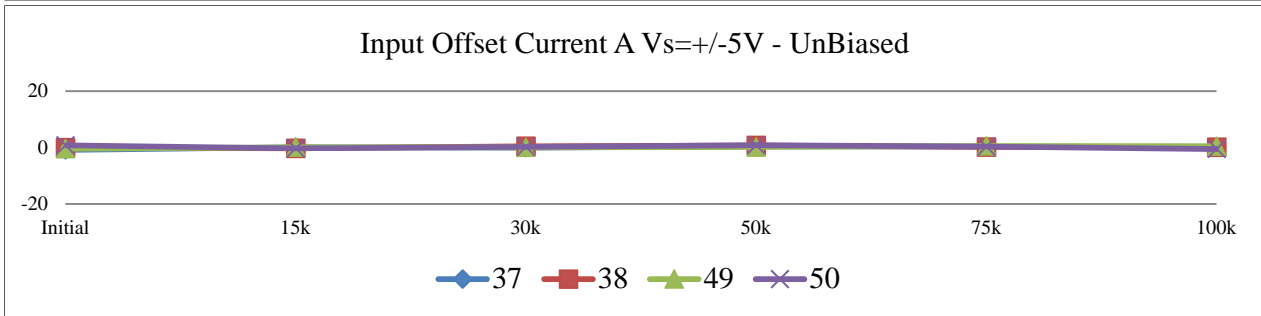
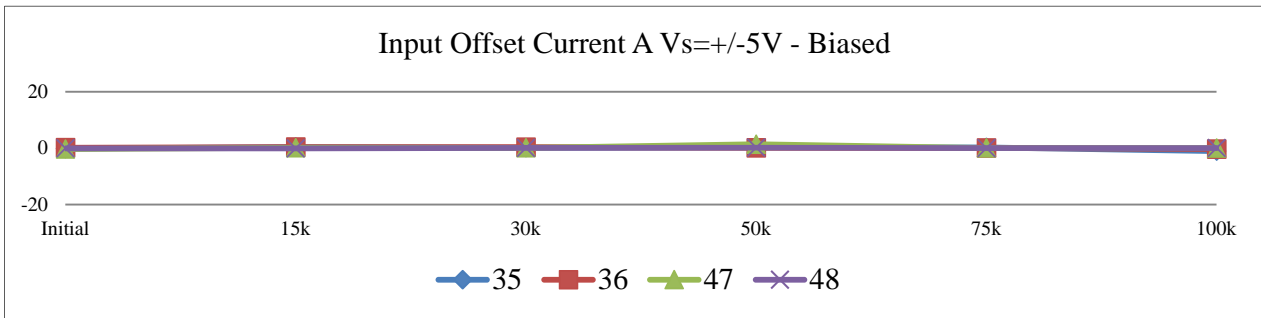
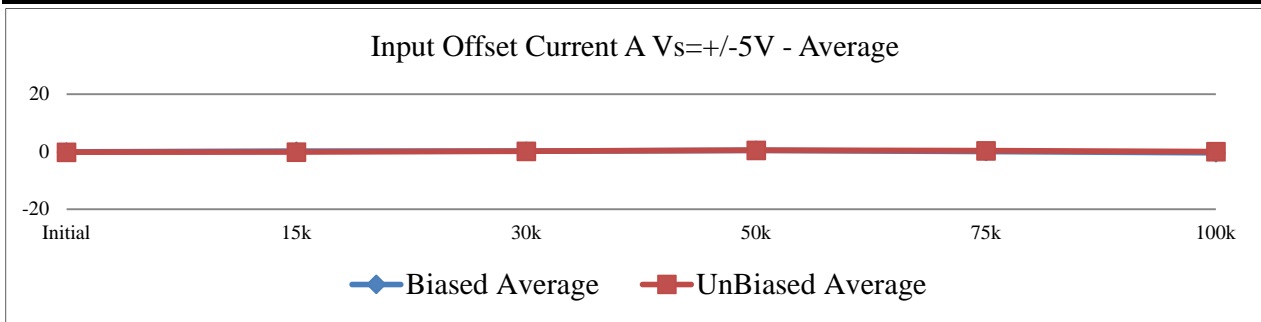
T#17		-Ib(A) Vs=+-5.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.55277	2.64073	2.3482	2.27813	2.3357	2.59545	+/-25
	57	2.89423	2.62800	2.47058	2.50957	2.35914	2.68746	
Biased	35	3.28389	3.35306	3.18960	3.17503	3.13870	4.47261	
	36	2.40010	3.84822	2.78575	2.56620	2.88036	4.02408	
	47	3.00508	2.90354	2.71229	1.61624	2.64505	4.16008	
	48	3.62723	3.21864	3.34468	3.07838	3.34423	3.62576	
	Min	2.40010	2.90354	2.71229	1.61624	2.64505	3.62576	
	Max	3.62723	3.84822	3.34468	3.17503	3.34423	4.47261	
	Average	3.07908	3.33087	3.00808	2.60896	3.00209	4.07063	
UnBiased	37	4.09936	3.43675	3.48211	3.64968	3.79806	6.09275	
	38	2.87514	3.22049	3.16709	3.49556	3.84956	5.70807	
	49	4.15690	2.48749	3.18263	3.37987	3.61798	4.89410	
	50	3.24493	3.06179	3.25080	3.47384	3.94908	5.94215	
	Min	2.87514	2.48749	3.16709	3.37987	3.61798	4.89410	
	Max	4.15690	3.43675	3.48211	3.64968	3.94908	6.09275	
	Average	3.59408	3.05163	3.27066	3.49974	3.80367	5.65927	



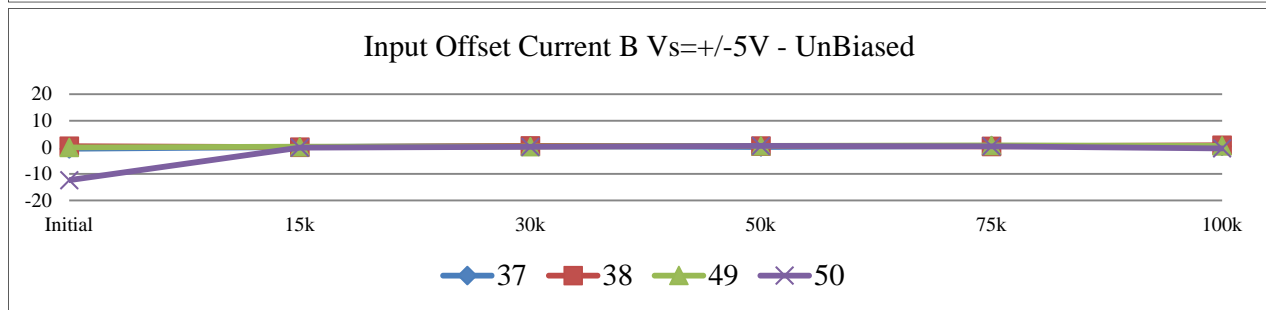
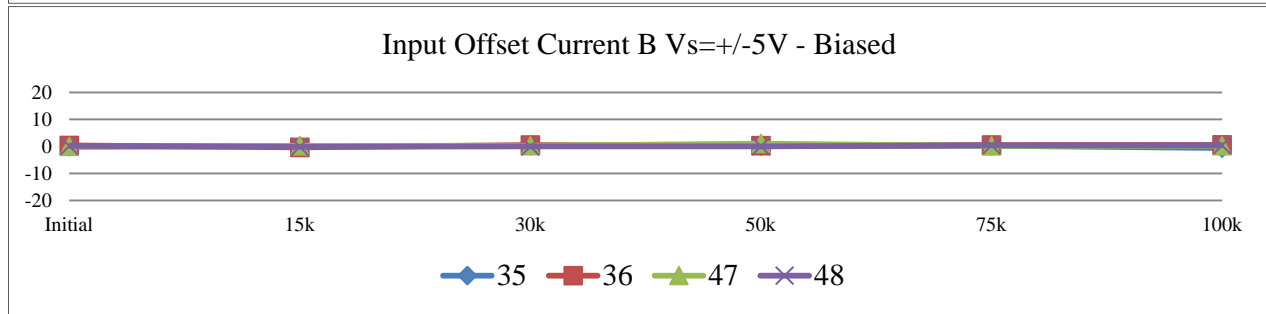
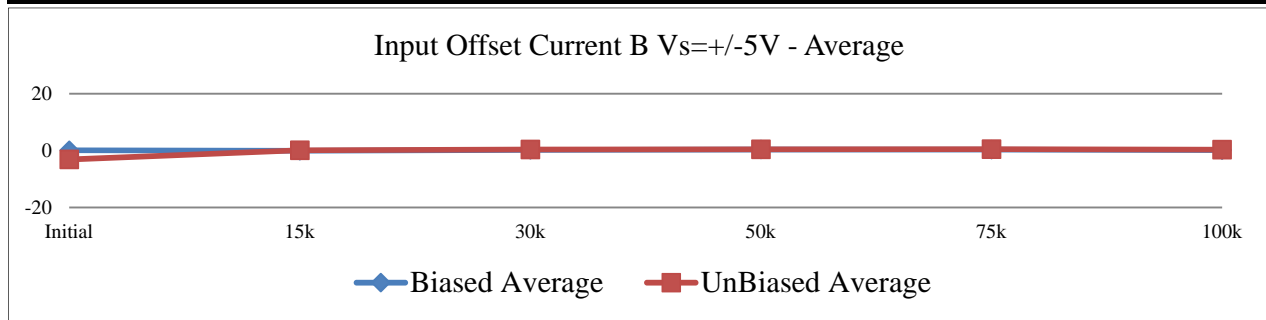
T#18		-Ib(B) Vs=+-5.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	3.03308	2.68828	2.74933	3.02275	2.71547	3.1514	+/-25
	57	3.02491	3.09131	2.55637	2.74467	2.86252	2.93428	
Biased	35	3.61972	3.57191	2.79100	2.99874	3.27124	4.27607	
	36	2.84166	4.07174	2.70667	2.68164	2.92298	3.63639	
	47	3.07303	3.29813	2.92032	2.01496	2.64779	4.47684	
	48	3.48813	3.37281	3.39297	3.28803	3.05575	3.42986	
	Min	2.84166	3.29813	2.70667	2.01496	2.64779	3.42986	
	Max	3.61972	4.07174	3.39297	3.28803	3.27124	4.47684	
	Average	3.25564	3.57865	2.95274	2.74584	2.97444	3.95479	
	UnBiased	37	4.12615	3.46708	3.22052	4.02105	4.36517	6.12036
38	3.18326	3.33616	3.09217	3.47724	4.05442	5.39777		
49	4.06462	2.90507	2.65655	3.28968	3.66510	4.91221		
50	9.85489	3.47264	3.22966	3.60092	4.04525	5.83770		
Min	3.18326	2.90507	2.65655	3.28968	3.66510	4.91221		
Max	9.85489	3.47264	3.22966	4.02105	4.36517	6.12036		
Average	5.30723	3.29524	3.04973	3.59722	4.03249	5.56701		



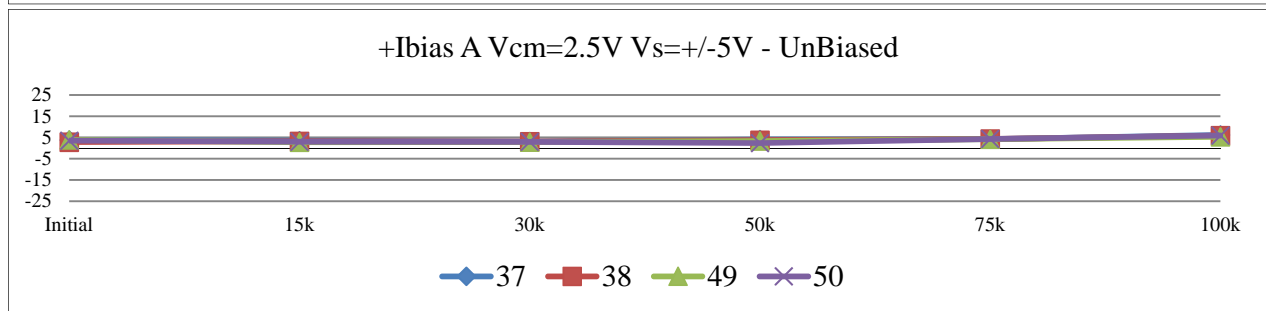
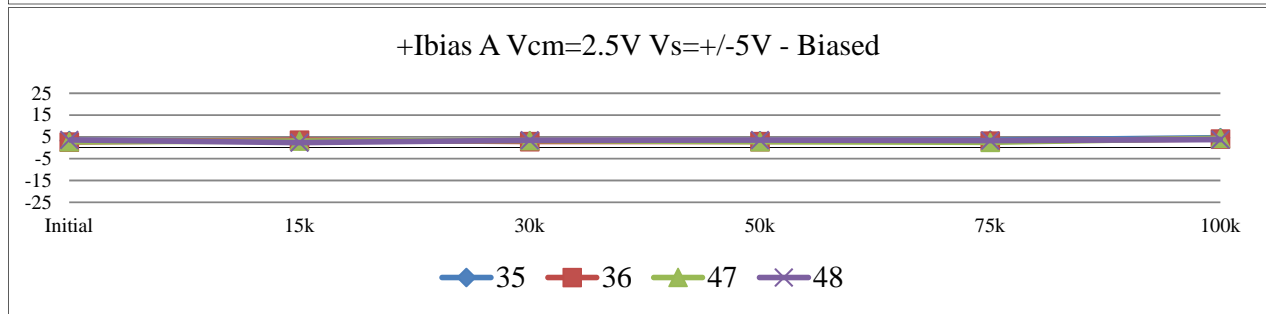
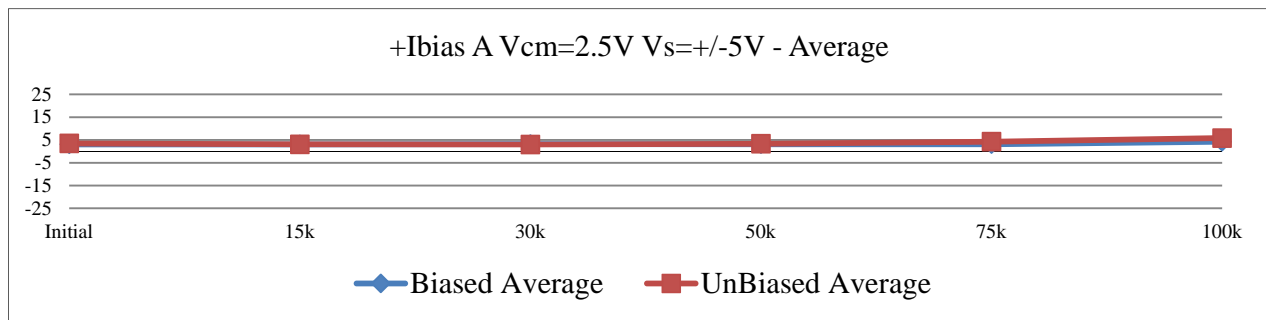
T#19		Ios(A) Vs=+-5.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	0.23813	0.24313	0.24366	0.01339	0.02183	0.21782	+/-20
	57	-0.18749	-0.10167	-0.07623	0.06602	-0.09075	0.00328	
Biased	35	-0.14545	0.38159	0.15562	0.28289	0.28077	-1.08370	
	36	0.15842	0.38529	0.34759	0.13001	0.08446	-0.32431	
	47	-0.31884	0.12843	0.10806	1.38633	0.03248	0.01719	
	48	-0.05926	-0.08946	0.07612	0.16588	0.00726	0.04020	
	Min	-0.31884	-0.08946	0.07612	0.13001	0.00726	-1.08370	
	Max	0.15842	0.38529	0.34759	1.38633	0.28077	0.04020	
	Average	-0.09128	0.20146	0.17185	0.49128	0.10124	-0.33766	
	UnBiased	37	-0.85329	0.12503	-0.04501	0.46175	0.32454	0.08444
38	-0.06039	-0.27288	0.47353	0.71660	0.19239	0.13473		
49	-0.46390	0.12958	0.03426	0.13669	0.57485	0.48213		
50	0.80744	-0.27277	0.24733	0.81449	0.30986	-0.52316		
Min	-0.85329	-0.27288	-0.04501	0.13669	0.19239	-0.52316		
Max	0.80744	0.12958	0.47353	0.81449	0.57485	0.48213		
Average	-0.14254	-0.07276	0.17753	0.53238	0.35041	0.04454		



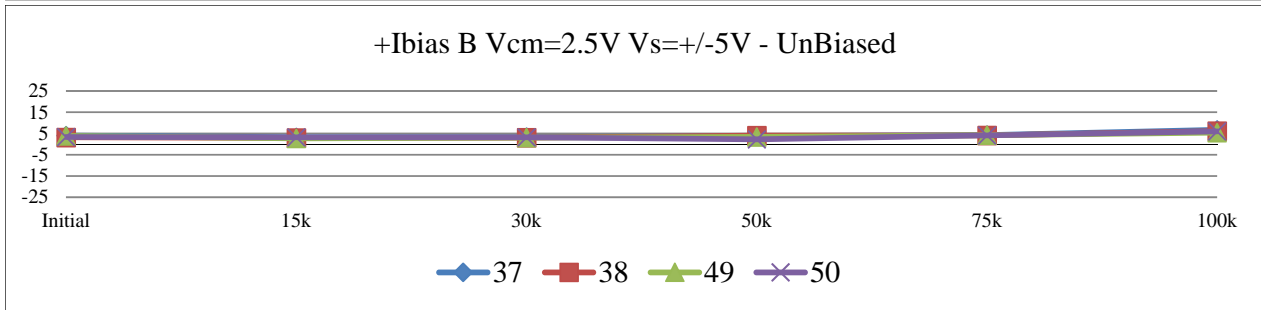
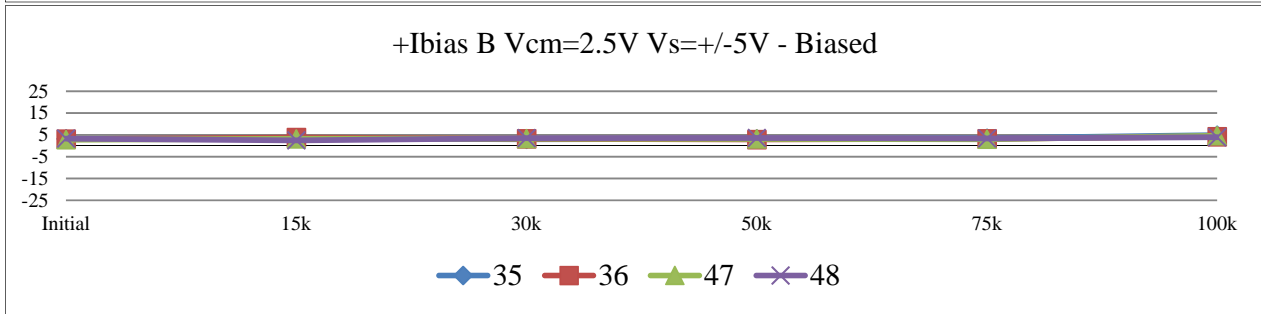
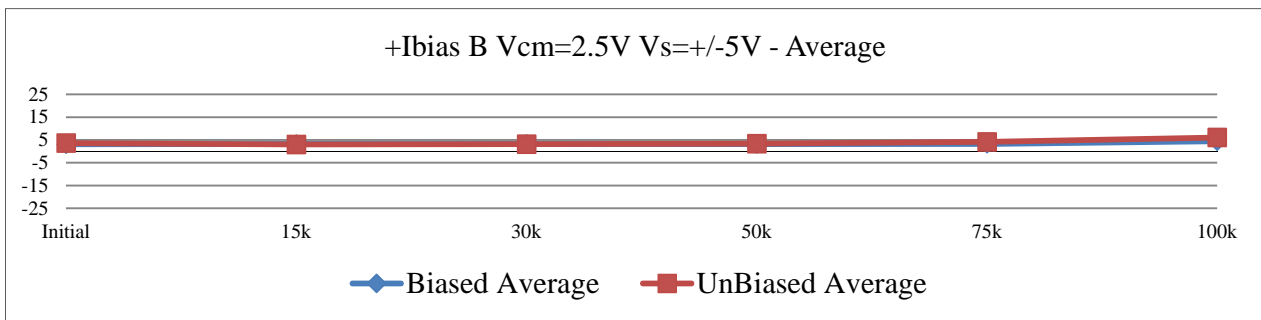
T#20		Ios(B) Vs=+-5.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	0.09512	0.55694	0.28072	-0.03341	0.69243	0.85012	+/-20
	57	0.08375	0.12775	0.39055	0.51442	0.37108	0.71246	
Biased	35	-0.10301	0.09467	0.24984	0.16101	0.25396	-0.61391	
	36	0.34416	-0.36146	0.49479	0.25469	0.50316	0.57524	
	47	-0.03734	0.16760	0.23028	1.02265	0.17805	0.23487	
	48	0.15194	-0.13748	-0.00686	0.01379	0.41628	0.40050	
	Min	-0.10301	-0.36146	-0.00686	0.01379	0.17805	-0.61391	
	Max	0.34416	0.16760	0.49479	1.02265	0.50316	0.57524	
	Average	0.08894	-0.05917	0.24201	0.36304	0.33786	0.14918	
	Average	0.08894	-0.05917	0.24201	0.36304	0.33786	0.14918	
UnBiased	37	-0.57326	0.11149	0.46723	0.12392	0.49412	0.40260	
	38	0.43497	0.07892	0.54879	0.48909	0.38450	0.78771	
	49	-0.02655	0.22916	0.29411	0.57286	0.70810	0.57223	
	50	-12.35269	-0.08982	0.15979	0.53891	0.37091	-0.40582	
	Min	-12.35269	-0.08982	0.15979	0.12392	0.37091	-0.40582	
	Max	0.43497	0.22916	0.54879	0.57286	0.70810	0.78771	
	Average	-3.12938	0.08244	0.36748	0.43120	0.48941	0.33918	
	Average	-3.12938	0.08244	0.36748	0.43120	0.48941	0.33918	



T#21		+Ib(A) Vs=+-5.0V Vcm=2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.61484	2.22641	2.31823	2.01445	2.08164	2.52501	+/-25
	57	2.53269	2.61744	2.40450	2.58676	2.41166	2.86849	
Biased	35	3.34341	3.22595	3.14186	3.21499	3.53259	4.64043	
	36	2.68003	3.54482	2.89473	2.90734	3.09180	4.03311	
	47	2.71975	3.08727	3.29232	2.82307	2.53633	4.33319	
	48	3.58466	2.34804	3.48367	3.50468	3.34816	3.78164	
	Min	2.68003	2.34804	2.89473	2.82307	2.53633	3.78164	
	Max	3.58466	3.54482	3.48367	3.50468	3.53259	4.64043	
	Average	3.08196	3.05152	3.20315	3.11252	3.12722	4.19709	
	Average	3.08196	3.05152	3.20315	3.11252	3.12722	4.19709	
UnBiased	37	3.79538	3.50034	3.12743	4.02639	4.20138	6.22095	
	38	2.85463	3.20888	3.03528	3.76098	4.29876	5.88960	
	49	3.88032	2.73686	2.85435	3.30996	4.16170	5.33935	
	50	3.48939	2.95569	2.93910	2.36319	4.29941	5.92563	
	Min	2.85463	2.73686	2.85435	2.36319	4.16170	5.33935	
	Max	3.88032	3.50034	3.12743	4.02639	4.29941	6.22095	
	Average	3.50493	3.10044	2.98904	3.36513	4.24031	5.84388	
	Average	3.50493	3.10044	2.98904	3.36513	4.24031	5.84388	

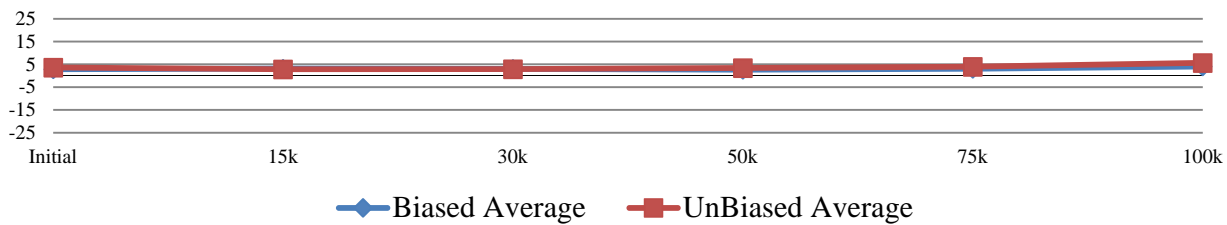


T#22		+Ib(B) Vs=+-5.0V Vcm=2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.71538	2.78576	2.7018	2.67598	2.91839	3.31845	+/-25
	57	2.98518	2.65397	2.43637	2.80784	2.67726	3.30191	
Biased	35	3.16898	3.45612	2.96097	3.19008	3.47749	4.87710	
	36	3.07797	3.83932	3.24023	2.88340	3.20425	4.20495	
	47	2.76597	3.18398	3.31333	3.14757	2.98580	4.63020	
	48	3.32670	2.47649	3.51770	3.58090	3.40188	3.92371	
	Min	2.76597	2.47649	2.96097	2.88340	2.98580	3.92371	
	Max	3.32670	3.83932	3.51770	3.58090	3.47749	4.87710	
	Average	3.08491	3.23898	3.25806	3.20049	3.26736	4.40899	
UnBiased	37	4.05383	3.22034	3.33568	3.82240	4.21455	6.70331	
	38	3.15802	2.92231	3.03036	3.99932	4.10720	6.12024	
	49	3.90094	2.69534	3.05811	3.38300	4.16849	5.41250	
	50	3.33682	3.21600	3.21594	2.25094	4.07377	5.99156	
	Min	3.15802	2.69534	3.03036	2.25094	4.07377	5.41250	
	Max	4.05383	3.22034	3.33568	3.99932	4.21455	6.70331	
	Average	3.61240	3.01350	3.16002	3.36392	4.14100	6.05690	

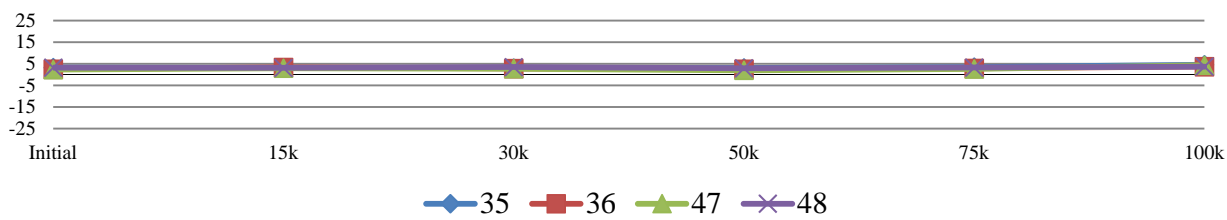


T#23		-Ib(A) Vs=+-5.0V Vcm=2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.84242	2.36586	2.30794	2.12393	2.37281	2.48784	+/-25
	57	2.75987	2.63364	2.52712	2.19957	2.39968	2.79585	
Biased	35	3.23955	3.09540	3.00929	3.10507	3.47764	4.57607	
	36	2.54902	3.34760	2.84582	2.49191	2.92256	3.71291	
	47	2.33132	2.93720	2.72466	1.98712	2.62937	4.32013	
	48	3.25719	3.14111	3.51065	2.94533	3.27445	3.68626	
	Min	2.33132	2.93720	2.72466	1.98712	2.62937	3.68626	
	Max	3.25719	3.34760	3.51065	3.10507	3.47764	4.57607	
	Average	2.84427	3.13033	3.02261	2.63236	3.07601	4.07384	
UnBiased	37	3.94154	3.18427	3.03052	3.50762	3.90569	6.03266	
	38	3.03913	2.61528	2.89133	3.78414	4.03323	5.77995	
	49	3.89982	2.53049	2.72935	3.29772	4.03593	5.03721	
	50	3.70818	3.17519	2.90955	3.15477	3.84292	5.84936	
	Min	3.03913	2.53049	2.72935	3.15477	3.84292	5.03721	
	Max	3.94154	3.18427	3.03052	3.78414	4.03593	6.03266	
	Average	3.64717	2.87631	2.89019	3.43606	3.95444	5.67480	

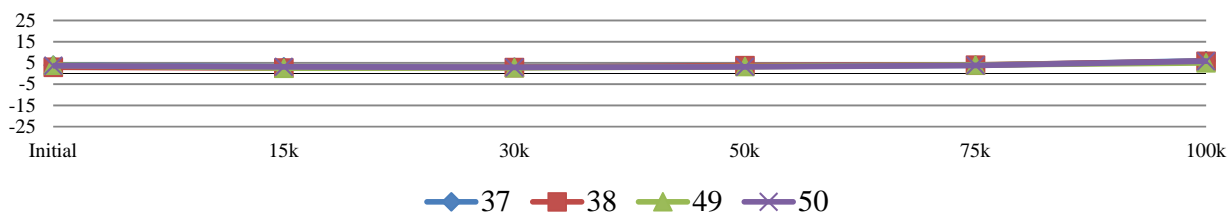
-Ibias A Vcm=2.5V Vs=+-5V - Average



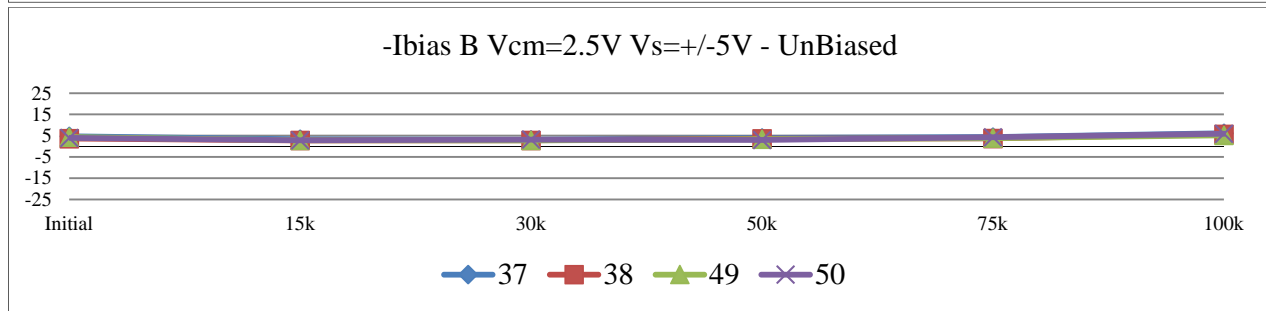
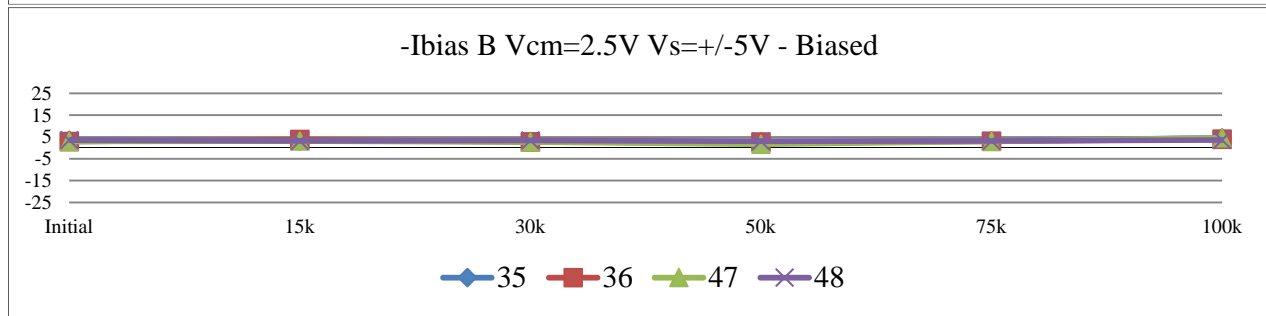
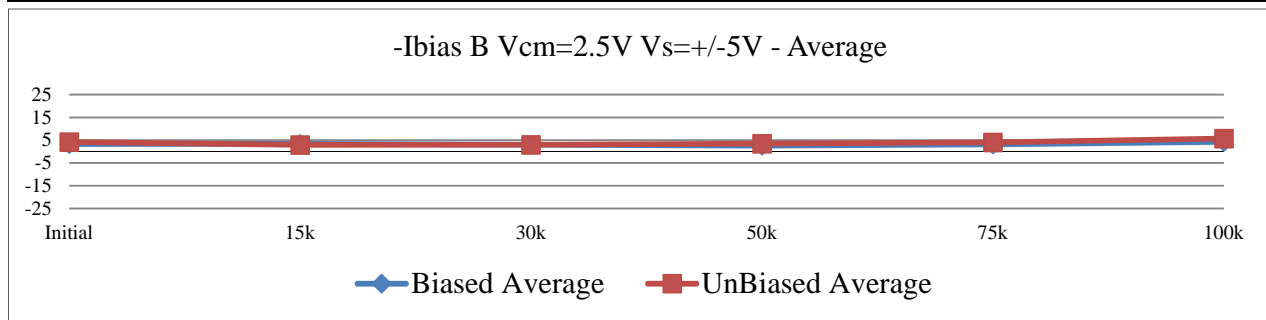
-Ibias A Vcm=2.5V Vs=+-5V - Biased



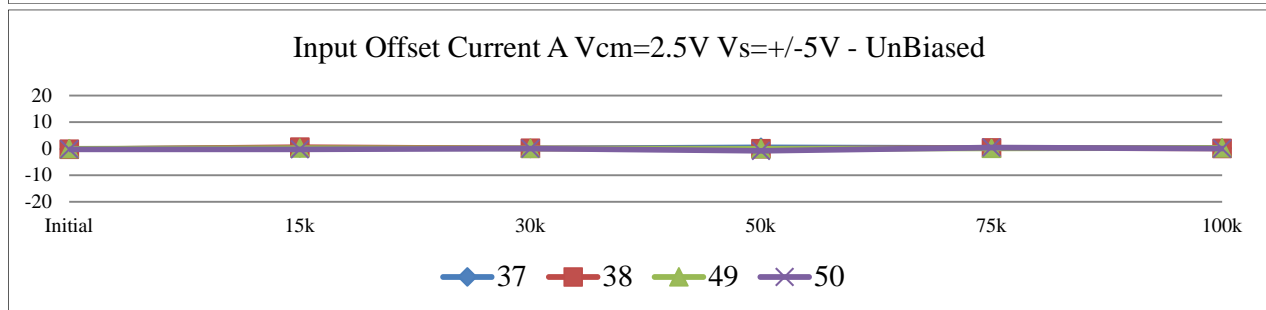
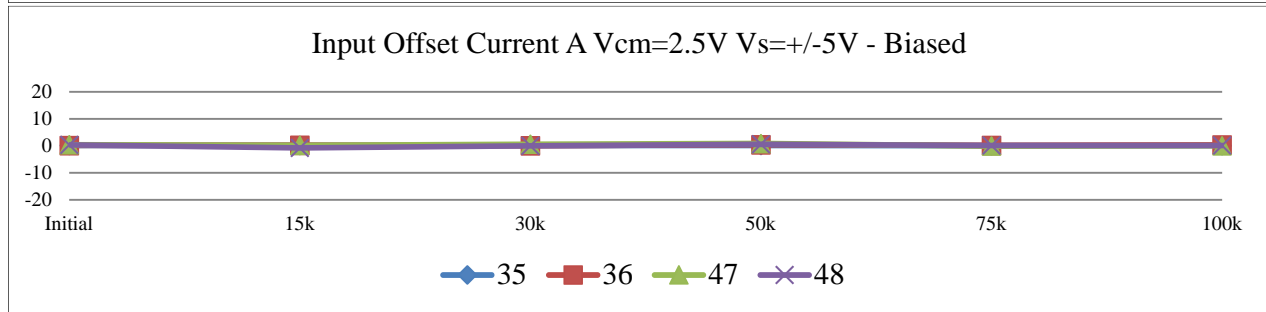
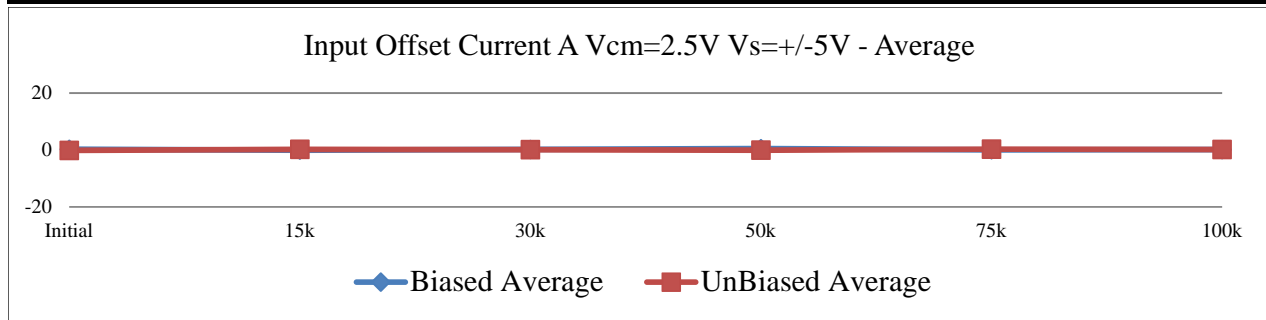
-Ibias A Vcm=2.5V Vs=+-5V - UnBiased



T#24		-Ib(B) Vs=+-5.0V Vcm=2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.86605	2.60103	2.81262	2.30732	2.46208	2.79452	+/-25
	57	2.89739	2.81416	2.72905	2.52966	2.37221	2.87987	
Biased	35	3.50858	3.22250	3.01733	2.86290	3.20387	4.67260	
	36	2.92776	3.84538	2.80267	2.67650	3.04012	4.03964	
	47	3.00550	3.11641	2.72689	1.68480	3.00471	4.63920	
	48	3.57376	3.23927	3.41164	3.09606	3.20876	3.66281	
	Min	2.92776	3.11641	2.72689	1.68480	3.00471	3.66281	
	Max	3.57376	3.84538	3.41164	3.09606	3.20876	4.67260	
	Average	3.25390	3.35589	2.98963	2.58007	3.11437	4.25356	
UnBiased	37	4.69610	3.30446	3.07067	3.93317	4.34788	6.14883	
	38	3.63365	2.78222	2.82719	3.59319	3.72866	5.68578	
	49	4.33752	2.81941	2.77163	3.37076	3.84827	5.14085	
	50	3.95486	2.83797	3.15950	2.95571	4.24484	5.91371	
	Min	3.63365	2.78222	2.77163	2.95571	3.72866	5.14085	
	Max	4.69610	3.30446	3.15950	3.93317	4.34788	6.14883	
	Average	4.15553	2.93602	2.95725	3.46321	4.04241	5.72229	

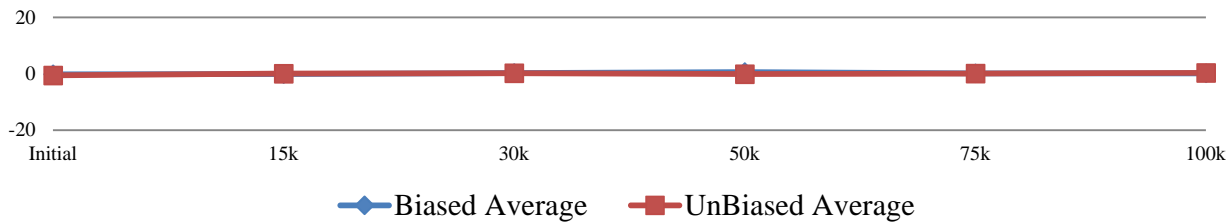


T#25		Ios(A) Vs=+-5.0V Vcm=2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-0.22758	-0.13945	0.0103	-0.10948	-0.29117	0.03717	+/-20
	57	-0.22717	-0.01620	-0.12262	0.38720	0.01198	0.07264	
Biased	35	0.10386	0.13055	0.13257	0.10992	0.05495	0.06435	
	36	0.13101	0.19722	0.04891	0.41543	0.16924	0.32020	
	47	0.38843	0.15006	0.56766	0.83594	-0.09304	0.01307	
	48	0.32747	-0.79307	-0.02698	0.55935	0.07371	0.09537	
	Min	0.10386	-0.79307	-0.02698	0.10992	-0.09304	0.01307	
	Max	0.38843	0.19722	0.56766	0.83594	0.16924	0.32020	
	Average	0.23769	-0.07881	0.18054	0.48016	0.05122	0.12325	
UnBiased	37	-0.14616	0.31607	0.09691	0.51877	0.29569	0.18829	
	38	-0.18450	0.59360	0.14395	-0.02316	0.26553	0.10965	
	49	-0.01950	0.20636	0.12501	0.01225	0.12577	0.30214	
	50	-0.21878	-0.21950	0.02955	-0.79158	0.45649	0.07627	
	Min	-0.21878	-0.21950	0.02955	-0.79158	0.12577	0.07627	
	Max	-0.01950	0.59360	0.14395	0.51877	0.45649	0.30214	
	Average	-0.14224	0.22413	0.09886	-0.07093	0.28587	0.16909	

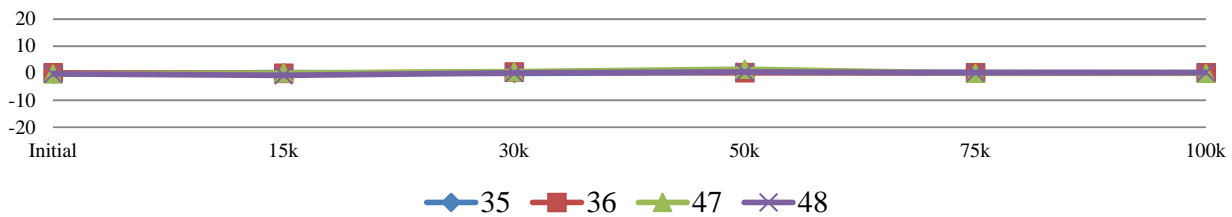


T#26		Ios(B) Vs=+-5.0V Vcm=2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-0.15067	0.18473	-0.11083	0.36866	0.45631	0.52394	+/-20
	57	0.08779	-0.16019	-0.29268	0.27818	0.30505	0.42203	
Biased	35	-0.33960	0.23363	-0.05636	0.32718	0.27362	0.20450	
	36	0.15021	-0.00606	0.43756	0.20690	0.16414	0.16530	
	47	-0.23953	0.06757	0.58644	1.46277	-0.01891	-0.00899	
	48	-0.24706	-0.76278	0.10606	0.48483	0.19312	0.26090	
	Min	-0.33960	-0.76278	-0.05636	0.20690	-0.01891	-0.00899	
	Max	0.15021	0.23363	0.58644	1.46277	0.27362	0.26090	
	Average	-0.16900	-0.11691	0.26843	0.62042	0.15299	0.15543	
	UnBiased	37	-0.64227	-0.08412	0.26501	-0.11077	-0.13333	0.55448
38	-0.47563	0.14009	0.20317	0.40613	0.37854	0.43446		
49	-0.43658	-0.12407	0.28648	0.01224	0.32022	0.27165		
50	-0.61803	0.37803	0.05644	-0.70477	-0.17107	0.07785		
Min	-0.64227	-0.12407	0.05644	-0.70477	-0.17107	0.07785		
Max	-0.43658	0.37803	0.28648	0.40613	0.37854	0.55448		
Average	-0.54313	0.07748	0.20278	-0.09929	0.09859	0.33461		

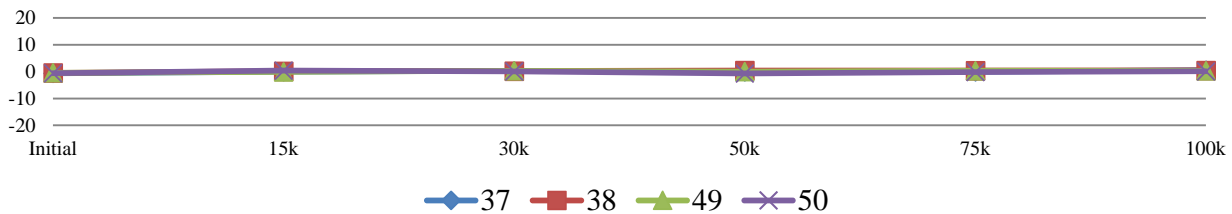
Input Offset Current B Vcm=2.5V Vs=+-5V - Average



Input Offset Current B Vcm=2.5V Vs=+-5V - Biased

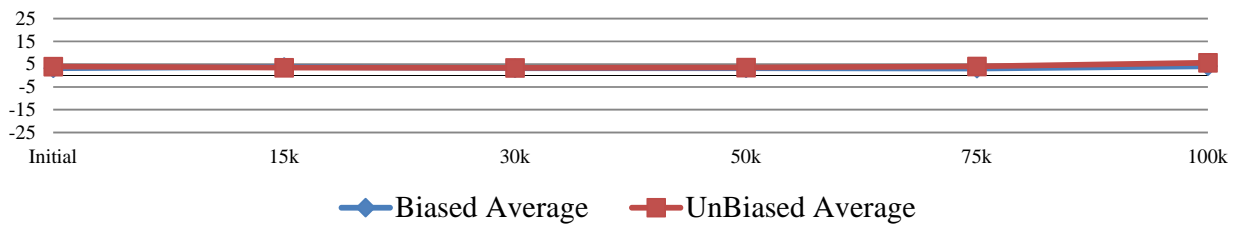


Input Offset Current B Vcm=2.5V Vs=+-5V - UnBiased

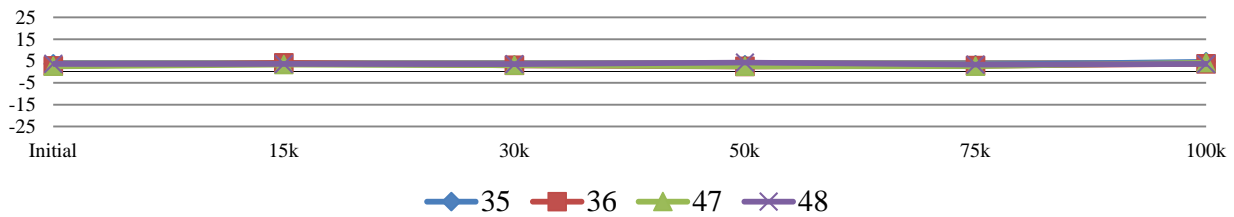


T#27		+Ib(A) Vs=+-5.0V Vcm=-2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.65404	2.67285	2.48599	2.31731	2.16618	2.64701	+/-25
	57	3.01681	3.13061	3.04956	4.65285	2.86689	3.32887	
Biased	35	3.72070	3.70116	3.21942	3.26691	3.28333	4.66536	
	36	2.75365	4.16875	3.03490	2.52764	2.89940	3.75393	
	47	2.60067	3.37435	3.05752	2.55450	2.64222	4.23247	
	48	3.69506	3.66479	3.56323	4.30618	3.35727	3.64328	
	Min	2.60067	3.37435	3.03490	2.52764	2.64222	3.64328	
	Max	3.72070	4.16875	3.56323	4.30618	3.35727	4.66536	
	Average	3.19252	3.72726	3.21877	3.16381	3.04556	4.07376	
UnBiased	37	3.96899	4.03476	3.53152	3.78311	4.08450	5.77790	
	38	3.59914	3.33280	3.19413	3.66722	3.86170	5.45196	
	49	4.17831	3.03380	3.37463	3.18059	3.83032		
	50	4.21561	3.54900	3.38463	3.63055	4.39944	5.62650	
	Min	3.59914	3.03380	3.19413	3.18059	3.83032	5.45196	
	Max	4.21561	4.03476	3.53152	3.78311	4.39944	5.77790	
	Average	3.99051	3.48759	3.37123	3.56537	4.04399	5.61879	

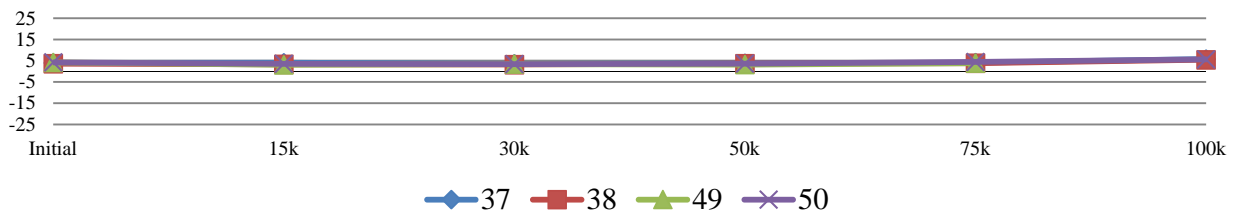
+Input Bias Current A Vcm=-2.5V Vs=+-5V - Average



+Input Bias Current A Vcm=-2.5V Vs=+-5V - Biased

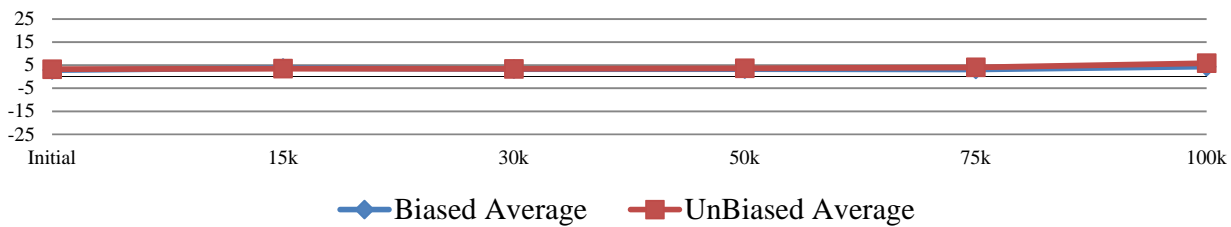


+Input Bias Current A Vcm=-2.5V Vs=+-5V - UnBiased

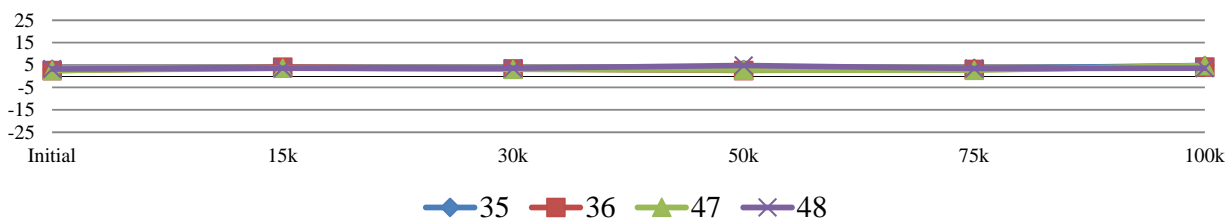


T#28		+Ib(B) Vs=+-5.0V Vcm=-2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.56213	2.41859	2.23179	2.37786	2.33913	3.01854	+/-25
	57	2.62119	2.35050	2.21636	4.48805	2.33510	2.78173	
Biased	35	3.09472	3.74655	3.20862	2.93356	3.54181	4.77187	
	36	2.56607	4.08692	3.27836	2.60172	3.07240	4.19530	
	47	2.55897	3.59084	3.06869	2.73246	2.65524	4.75789	
	48	3.22087	3.62432	3.61606	4.80362	3.41865	3.61668	
	Min	2.55897	3.59084	3.06869	2.60172	2.65524	3.61668	
	Max	3.22087	4.08692	3.61606	4.80362	3.54181	4.77187	
	Average	2.86016	3.76216	3.29293	3.26784	3.17203	4.33544	
	UnBiased	37	3.52472	3.83907	3.65909	3.86968	4.22418	6.24047
38		2.70238	3.31180	3.11813	3.29843	4.00177	5.70959	
49		3.49197	3.15576	3.35617	3.74327	4.09349	5.48035	
50		3.25398	3.70559	3.46792	3.59004	3.96853	5.96277	
Min		2.70238	3.15576	3.11813	3.29843	3.96853	5.48035	
Max		3.52472	3.83907	3.65909	3.86968	4.22418	6.24047	
Average		3.24326	3.50306	3.40033	3.62536	4.07199	5.84830	

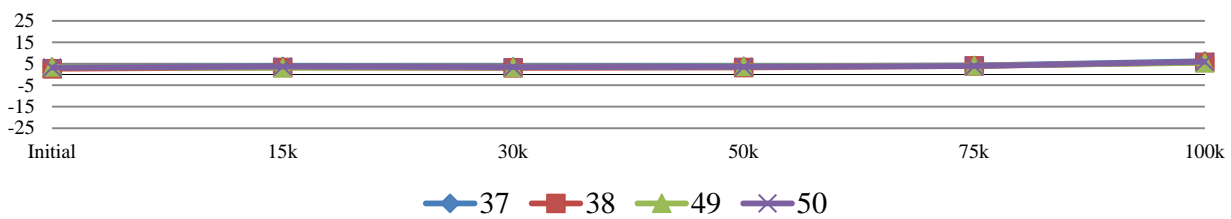
+Input Bias Current B Vcm=-2.5V Vs=+-5V - Average



+Input Bias Current B Vcm=-2.5V Vs=+-5V - Biased

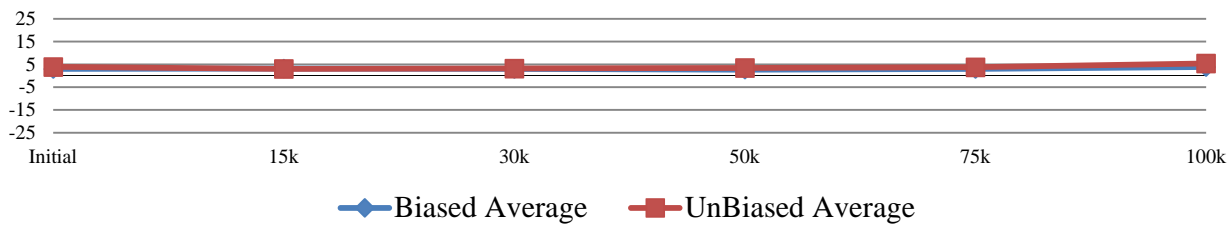


+Input Bias Current B Vcm=-2.5V Vs=+-5V - UnBiased

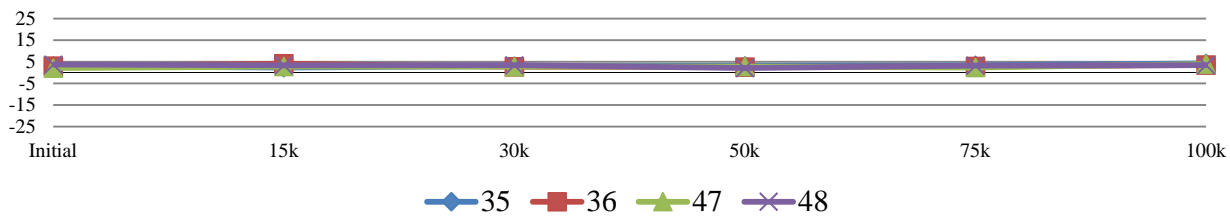


T#29		-Ib(A) Vs=+-5.0V Vcm=-2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.58494	2.60264	2.49835	2.31501	2.11338	2.55162	+/-25
	57	3.26438	3.27008	2.84118	2.89042	3.04227	3.54349	
Biased	35	3.02728	2.29623	3.01222	3.14919	3.39692	4.28543	
	36	3.05333	4.12719	2.75084	2.62909	2.89412	3.53221	
	47	2.11072	2.83467	2.77545	2.79373	2.37881	3.96800	
	48	3.73003	3.42129	3.44856	2.11552	3.28022	3.49886	
	Min	2.11072	2.29623	2.75084	2.11552	2.37881	3.49886	
	Max	3.73003	4.12719	3.44856	3.14919	3.39692	4.28543	
	Average	2.98034	3.16985	2.99677	2.67188	2.98752	3.82113	
UnBiased	37	4.29910	3.36049	3.52467	3.66214	3.85874	5.45165	
	38	3.19829	2.57385	3.12422	3.33699	4.01204	5.21137	
	49	4.36583	2.66635	3.06263	3.52772	3.38532		
	50	3.81761	3.49670	3.06626	3.31277	3.84664	5.57920	
	Min	3.19829	2.57385	3.06263	3.31277	3.38532	5.21137	
	Max	4.36583	3.49670	3.52467	3.66214	4.01204	5.57920	
	Average	3.92021	3.02435	3.19445	3.45991	3.77569	5.41407	

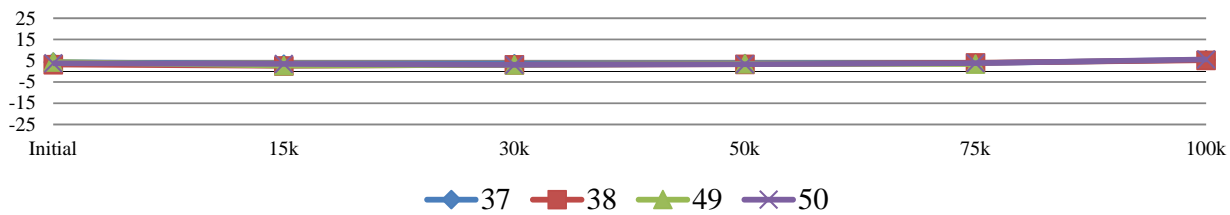
-Input Bias Current A Vcm=-2.5V Vs=+-5V - Average



-Input Bias Current A Vcm=-2.5V Vs=+-5V - Biased

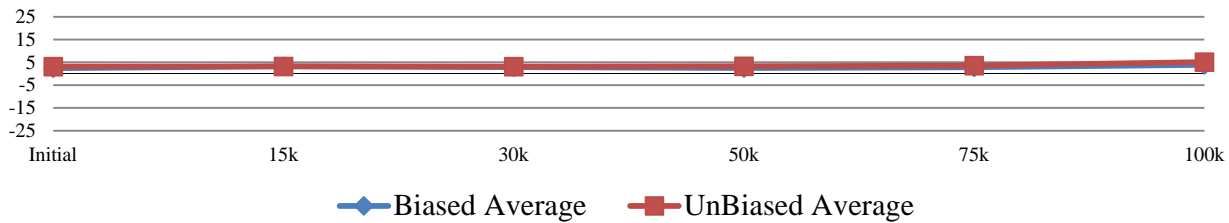


-Input Bias Current A Vcm=-2.5V Vs=+-5V - UnBiased

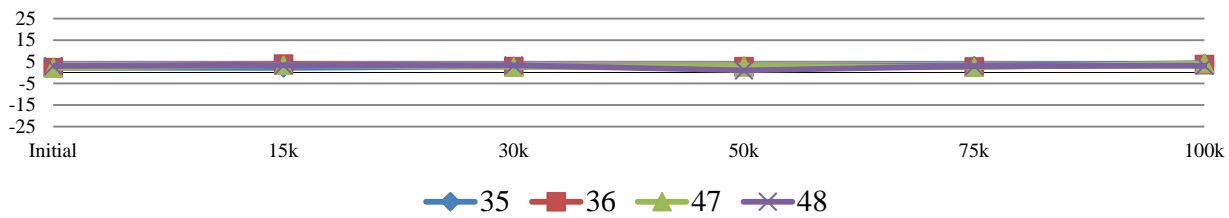


T#30		-Ib(B) Vs=+-5.0V Vcm=-2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.35491	1.92938	2.17154	2.1689	1.85371	1.99357	+/-25
	57	2.36279	2.21769	2.03271	2.02033	1.94768	2.72228	
Biased	35	2.22524	2.20581	2.93363	2.95510	3.20613	4.33422	
	36	2.39798	4.01850	2.82850	2.85336	2.70680	3.76424	
	47	2.21031	3.41209	2.61948	3.06502	2.53503	4.26450	
	48	3.04892	3.35566	3.34690	1.03008	3.03292	3.17947	
	Min	2.21031	2.20581	2.61948	1.03008	2.53503	3.17947	
	Max	3.04892	4.01850	3.34690	3.06502	3.20613	4.33422	
	Average	2.47061	3.24802	2.93213	2.47589	2.87022	3.88561	
UnBiased	37	3.40930	3.55532	3.14018	3.75297	3.55289	5.49658	
	38	2.58303	2.62138	3.10907	3.48800	3.63824	5.11727	
	49	3.59011	3.11299	3.13962	3.18659	3.59495	4.60046	
	50	3.22544	3.69167	3.31580	2.92170	3.80521	5.41064	
	Min	2.58303	2.62138	3.10907	2.92170	3.55289	4.60046	
	Max	3.59011	3.69167	3.31580	3.75297	3.80521	5.49658	
	Average	3.20197	3.24534	3.17617	3.33732	3.64782	5.15624	

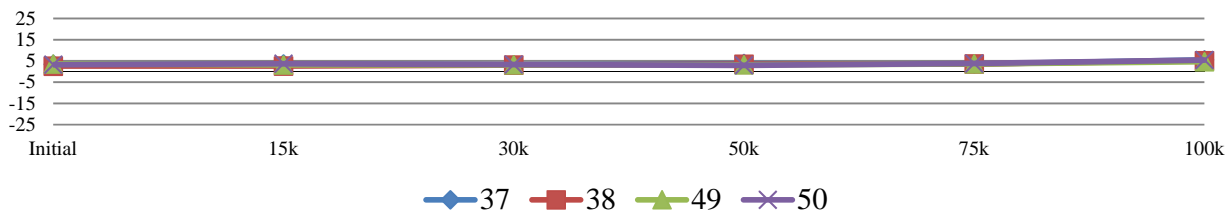
-Input Bias Current B Vcm=-2.5V Vs=+-5V - Average



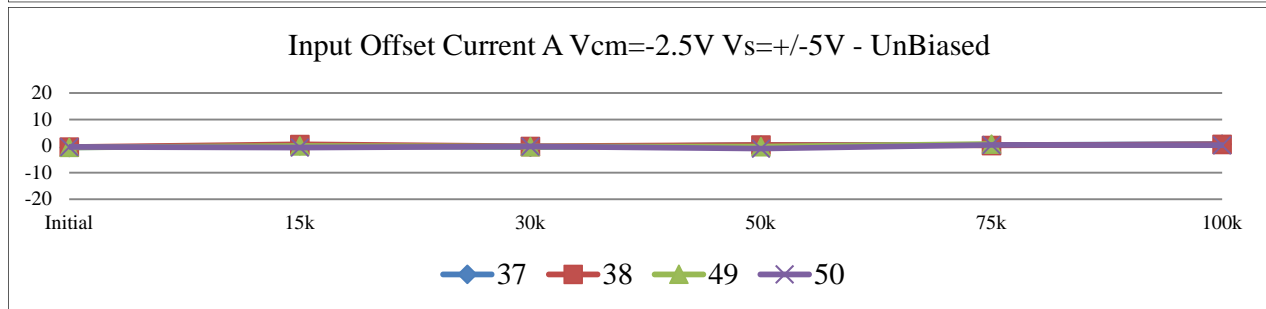
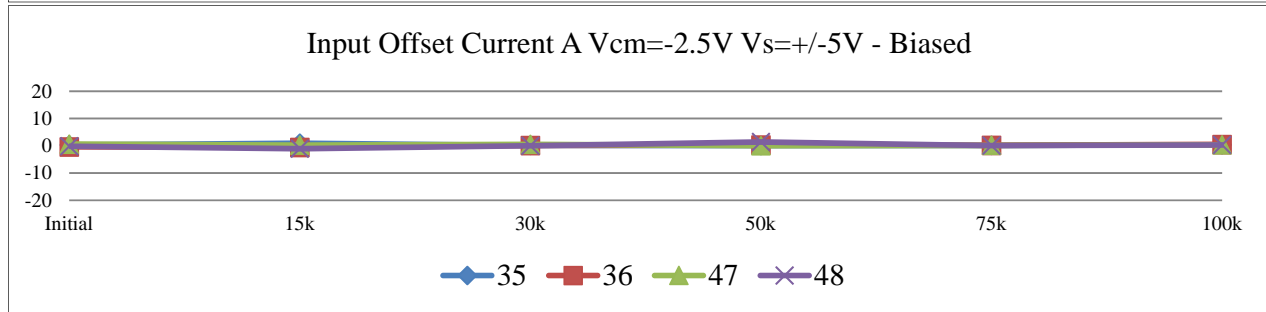
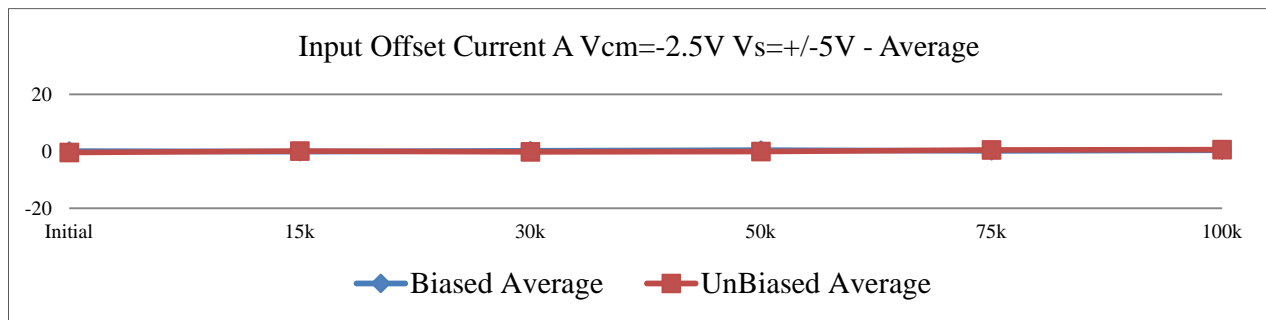
-Input Bias Current B Vcm=-2.5V Vs=+-5V - Biased



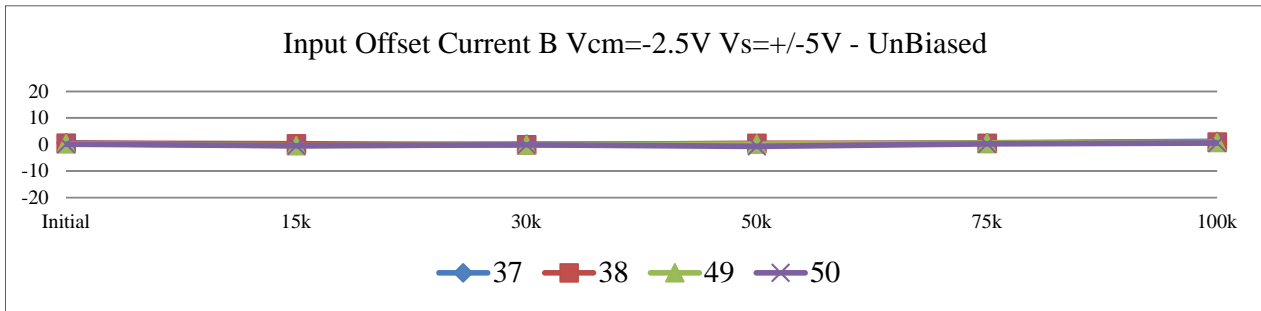
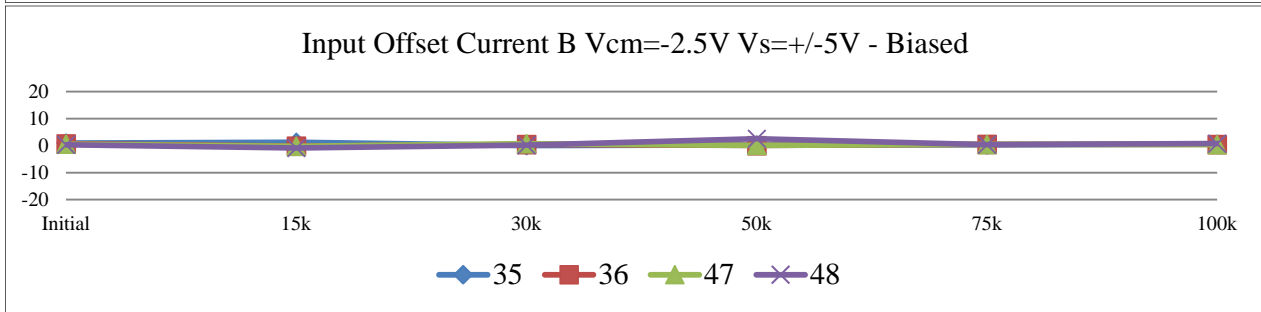
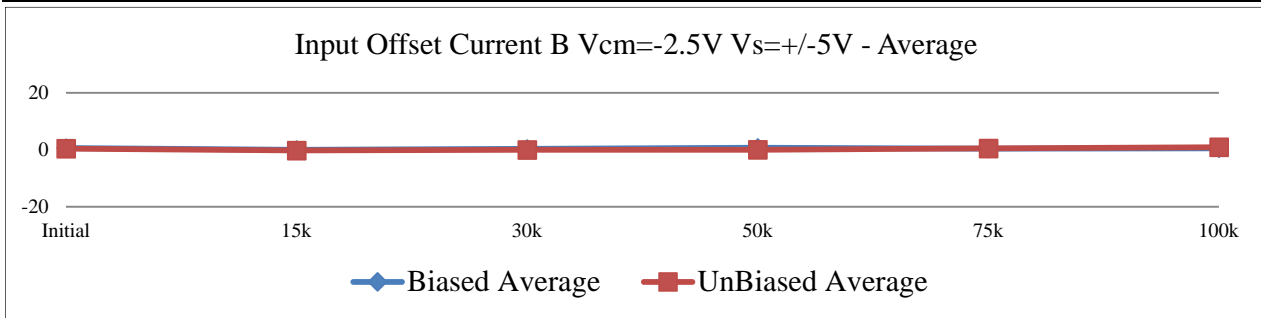
-Input Bias Current B Vcm=-2.5V Vs=+-5V - UnBiased



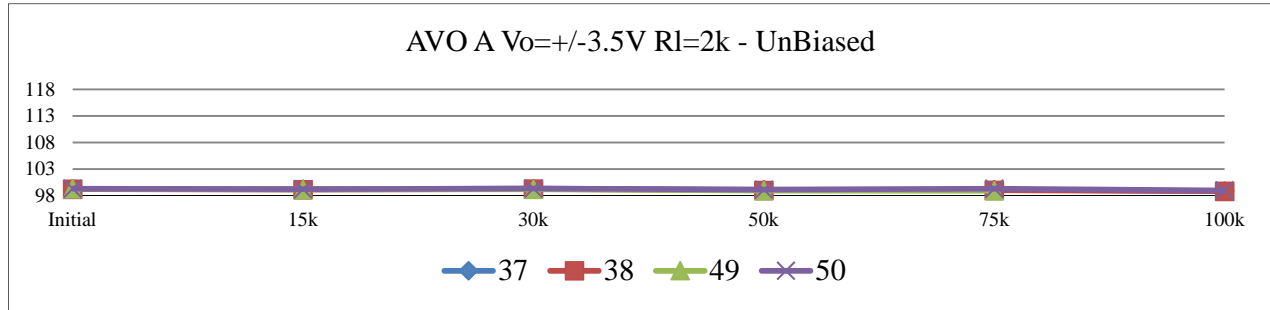
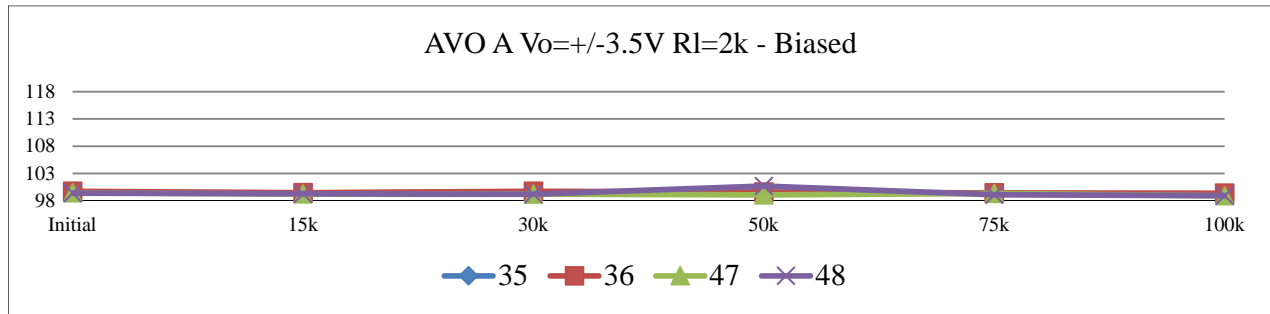
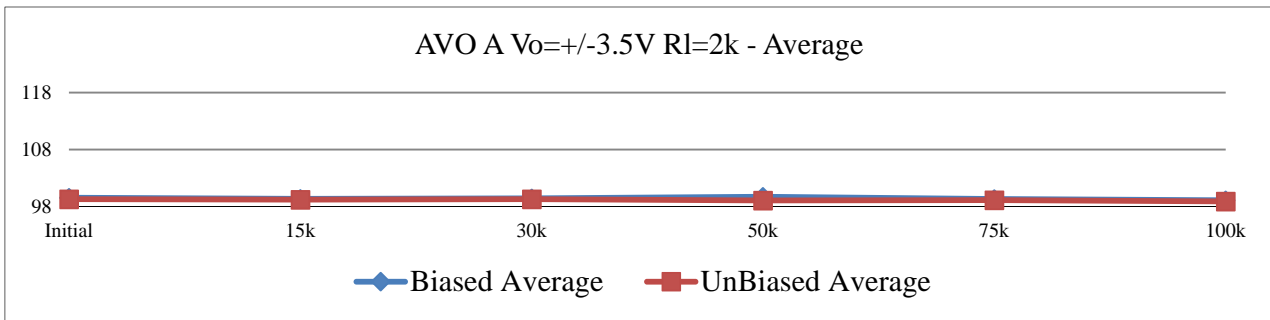
T#31		Ios(A) Vs=+-5.0V Vcm=-2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	0.0299	-0.37623	-0.18012	-0.30056	-0.03174	-0.0266	+/-20
	57	-0.73169	-0.65265	-0.43668	-0.30366	-0.63061	-0.67500	
Biased	35	0.31613	0.92972	0.12963	0.06580	0.13566	0.35500	
	36	-0.37330	-0.58237	0.14389	0.27825	0.19768	0.50090	
	47	0.60903	0.25260	0.51687	0.02934	0.15752	0.36520	
	48	-0.14536	-1.07326	0.03511	1.38917	0.06794	0.28278	
	Min	-0.37330	-1.07326	0.03511	0.02934	0.06794	0.28278	
	Max	0.60903	0.92972	0.51687	1.38917	0.19768	0.50090	
	Average	0.10163	-0.11833	0.20638	0.44064	0.13970	0.37597	
UnBiased	37	-0.50372	0.13984	-0.39724	0.36426	0.34264	0.76931	
	38	-0.34365	0.63504	-0.08894	0.42399	0.28672	0.67822	
	49	-0.48551	0.07051	-0.20827	-0.21775	0.77638		
	50	-0.32822	-0.54101	-0.12716	-0.94958	0.45277	0.34643	
	Min	-0.50372	-0.54101	-0.39724	-0.94958	0.28672	0.34643	
	Max	-0.32822	0.63504	-0.08894	0.42399	0.77638	0.76931	
	Average	-0.41528	0.07610	-0.20540	-0.09477	0.46463	0.59799	



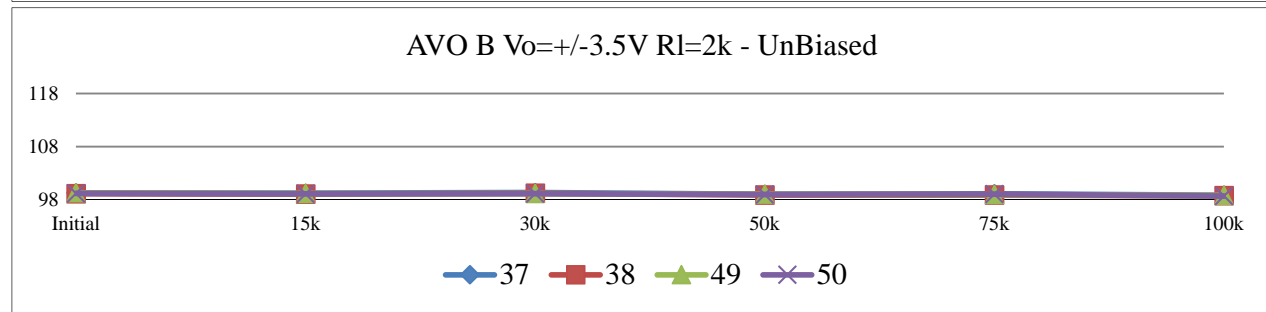
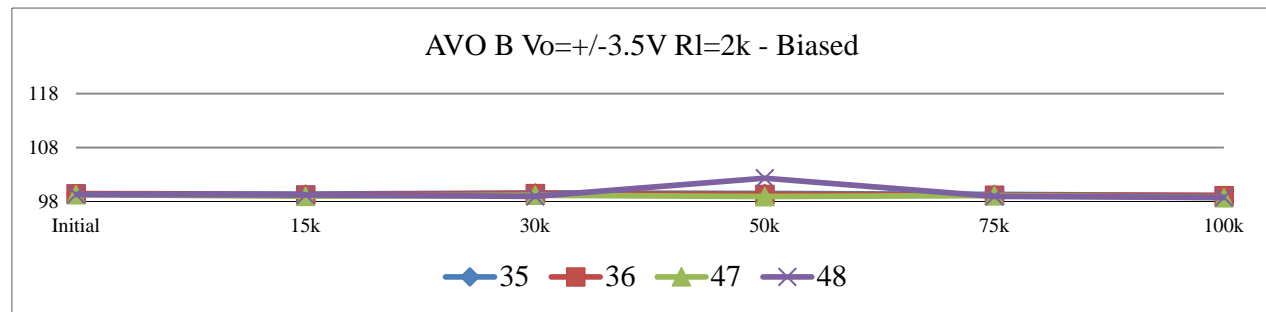
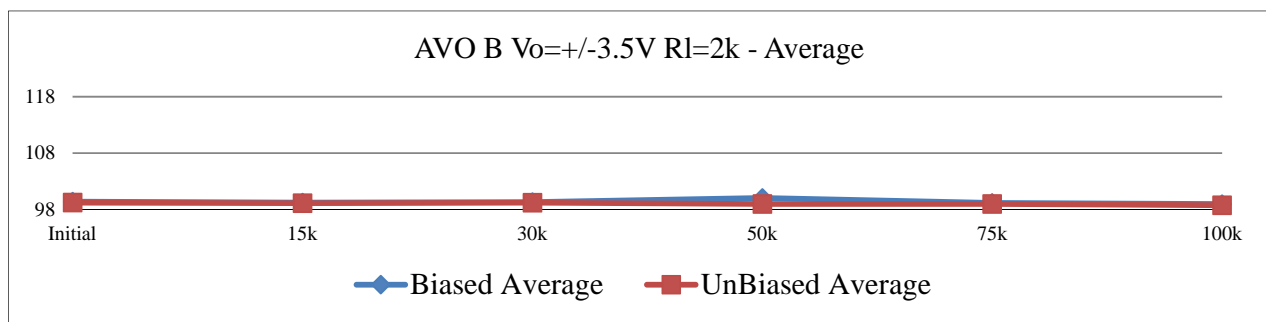
T#32		Ios(B) Vs=+-5.0V Vcm=-2.5V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	0.36047	0.85639	0.53026	0.50708	1.06468	1.32488	+/-20
	57	0.62239	0.43628	0.40366	0.78752	0.72958	0.57963	
Biased	35	0.94374	1.25031	0.02733	0.23498	0.27136	0.54288	
	36	0.67999	-0.17918	0.41173	0.03004	0.49746	0.44071	
	47	0.55566	-0.22811	0.69385	0.08255	0.45078	0.36571	
	48	0.27778	-0.87917	0.17080	2.55082	0.36896	0.74424	
	Min	0.27778	-0.87917	0.02733	0.03004	0.27136	0.36571	
	Max	0.94374	1.25031	0.69385	2.55082	0.49746	0.74424	
	Average	0.61429	-0.00904	0.32593	0.72460	0.39714	0.52339	
	UnBiased	37	0.64453	-0.33498	0.19549	0.06943	0.66166	1.20673
38		0.57499	0.30092	-0.07871	0.51132	0.46896	1.00297	
49		0.31083	-0.41765	-0.08151	0.19641	0.57355	0.81204	
50		0.11138	-0.47567	-0.09986	-0.67076	0.26855	0.58092	
Min		0.11138	-0.47567	-0.09986	-0.67076	0.26855	0.58092	
Max		0.64453	0.30092	0.19549	0.51132	0.66166	1.20673	
Average		0.41043	-0.23185	-0.01615	0.02660	0.49318	0.90067	



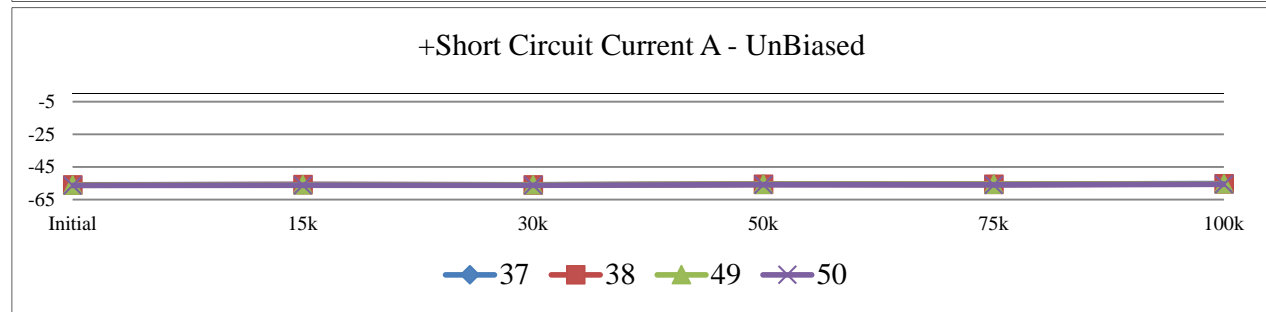
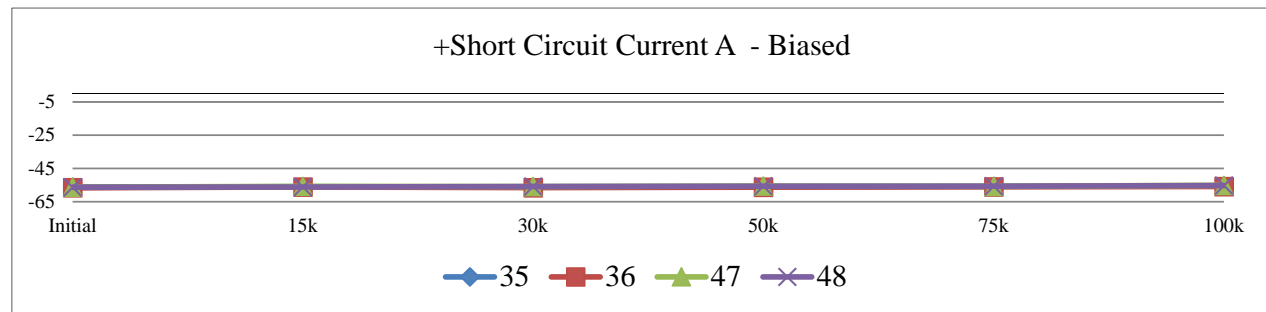
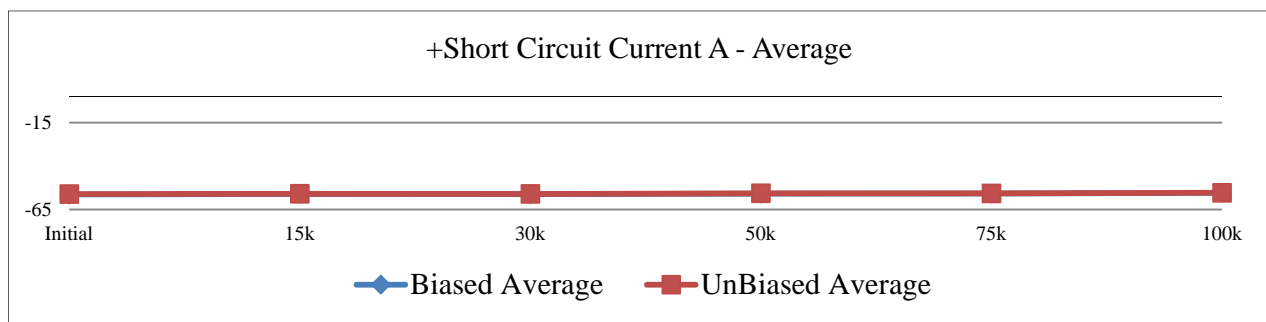
T# 33		AVO(A) Vo= +/-3.5V RL=2K						dB
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	99.5849	99.54697	99.62141	100.08214	99.6265	99.48573	>98
	57	99.29214	99.30434	99.38083	99.17354	99.19440	99.15719	
Biased	35	99.54339	99.42541	99.58230	99.49236	99.35579	99.16873	
	36	99.72035	99.45017	99.71581	99.57796	99.42371	99.36229	
	47	99.43739	99.22194	99.20191	99.06573	99.32378	98.89426	
	48	99.37810	99.26225	99.19288	100.68674	99.09211	98.91257	
	Min	99.37810	99.22194	99.19288	99.06573	99.09211	98.89426	
	Max	99.72035	99.45017	99.71581	100.68674	99.42371	99.36229	
	Average	99.51981	99.33994	99.42323	99.70570	99.29885	99.08446	
UnBiased	37	99.29112	99.22257	99.32466	99.13982	99.13744	98.84941	
	38	99.22702	99.13733	99.25707	98.99355	99.01506	98.84482	
	49	99.27673	99.16503	99.18678	98.93821	98.93282		
	50	99.30875	99.20984	99.33952	99.13531	99.30924	98.97121	
	Min	99.22702	99.13733	99.18678	98.93821	98.93282	98.84482	
	Max	99.30875	99.22257	99.33952	99.13982	99.30924	98.97121	
	Average	99.27591	99.18369	99.27701	99.05172	99.09864	98.88848	



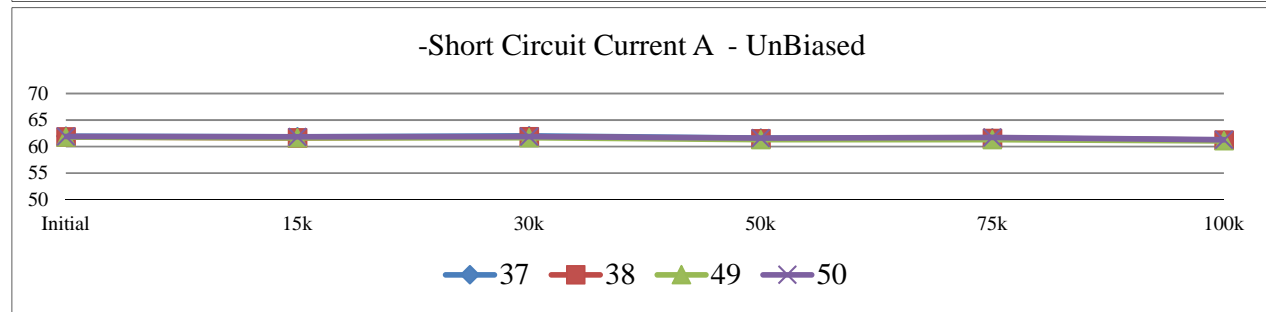
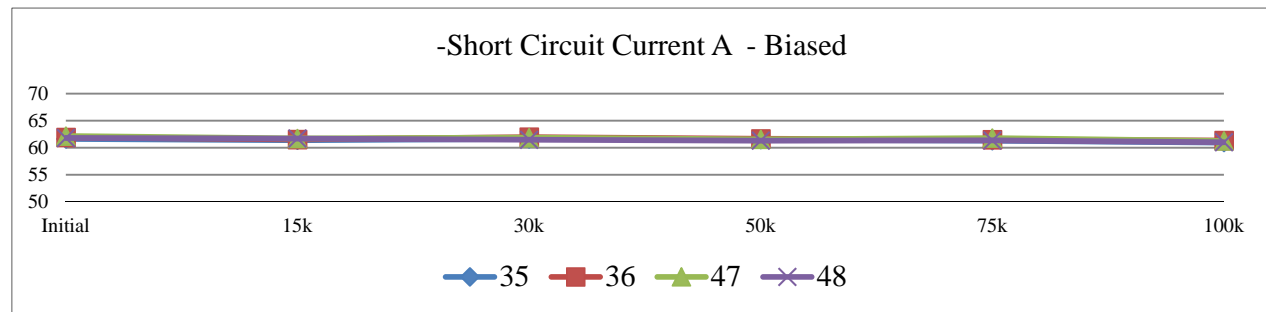
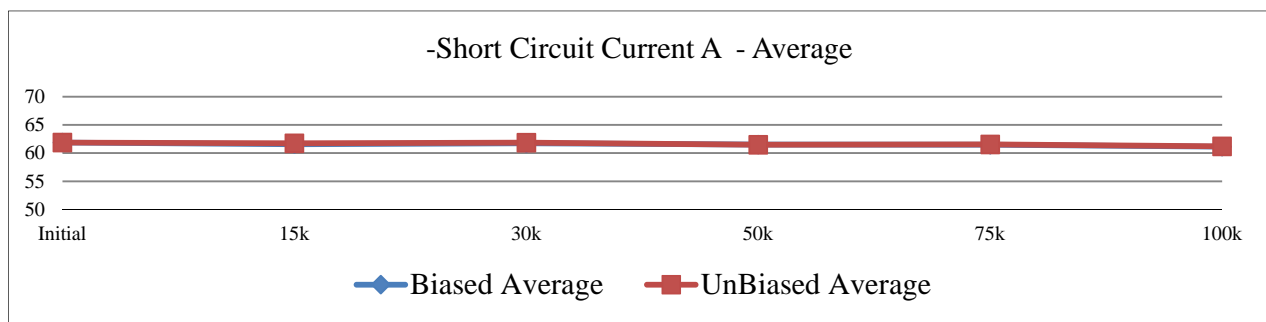
T#34		AVO(B) Vo= +/-3.5V RL=2K						dB
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	99.52238	99.51552	99.57378	100.1355	99.52265	99.41389	>98
	57	99.14546	99.17506	99.25553	99.05049	99.08546	99.05227	
Biased	35	99.50153	99.40124	99.60491	99.50990	99.33803	99.13947	
	36	99.47141	99.28421	99.52288	99.35749	99.21190	99.13600	
	47	99.30250	99.01410	99.20004	98.95119	99.12769	98.75005	
	48	99.31815	99.23900	98.98994	102.34339	98.99657	98.78960	
	Min	99.30250	99.01410	98.98994	98.95119	98.99657	98.75005	
	Max	99.50153	99.40124	99.60491	102.34339	99.33803	99.13947	
	Average	99.39840	99.23464	99.32944	100.04049	99.16855	98.95378	
UnBiased	37	99.28236	99.21087	99.33212	99.00270	99.09565	98.82890	
	38	99.11886	99.03961	99.19218	98.88251	98.85903	98.73970	
	49	99.28211	99.15920	99.15764	99.03232	98.94579	98.79533	
	50	99.18161	99.08992	99.13610	98.96306	99.03584	98.67353	
	Min	99.11886	99.03961	99.13610	98.88251	98.85903	98.67353	
	Max	99.28236	99.21087	99.33212	99.03232	99.09565	98.82890	
	Average	99.21624	99.12490	99.20451	98.97015	98.98408	98.75937	



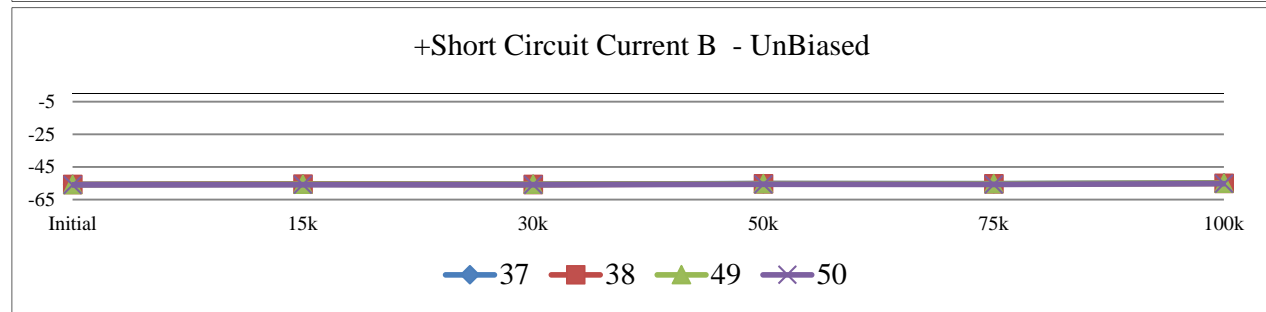
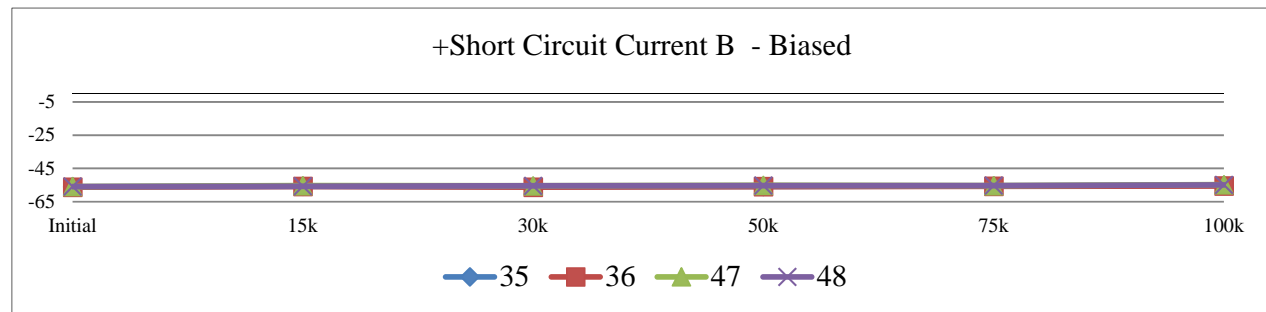
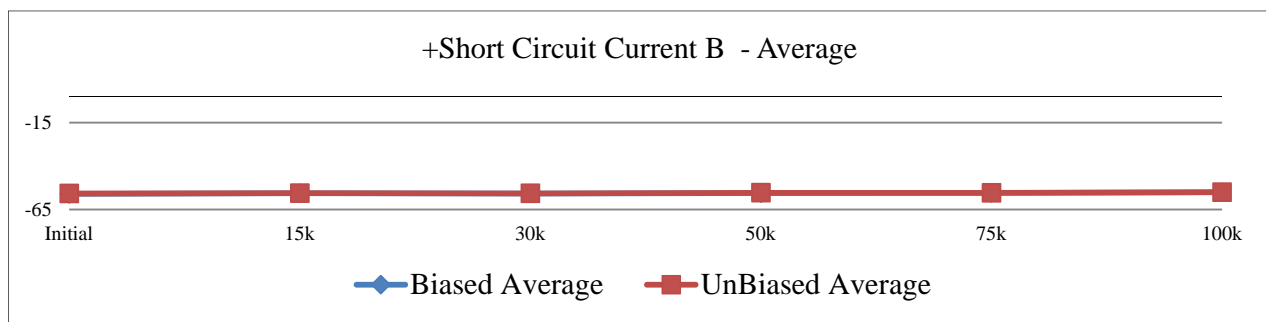
T#35		ISC_A_POS_5						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-56.56746	-56.57777	-56.67268	-57.21893	-56.65064	-56.43371	>-65
	57	-55.94505	-55.99622	-56.09427	-55.82649	-55.87425	-55.81133	
Biased	35	-56.28319	-55.99936	-56.18544	-56.05280	-55.80825	-55.43099	
	36	-56.56922	-56.14711	-56.51236	-56.20053	-56.01256	-55.83962	
	47	-56.25490	-55.74474	-55.84908	-55.53103	-55.74224	-55.16066	
	48	-56.30520	-56.12510	-55.87108	-55.69448	-55.70766	-55.29583	
	Min	-56.56922	-56.14711	-56.51236	-56.20053	-56.01256	-55.83962	
	Max	-56.25490	-55.74474	-55.84908	-55.53103	-55.70766	-55.16066	
	Average	-56.35313	-56.00408	-56.10449	-55.86971	-55.81768	-55.43178	
UnBiased	37	-55.97831	-55.79504	-55.96539	-55.52789	-55.58193	-55.15123	
	38	-56.02545	-55.81390	-56.01254	-55.60647	-55.64794	-55.34612	
	49	-56.14175	-55.93649	-55.94967	-55.61904	-55.58193	-55.34297	
	50	-56.29891	-56.18798	-56.20116	-55.92393	-56.00627	-55.57558	
	Min	-56.29891	-56.18798	-56.20116	-55.92393	-56.00627	-55.57558	
	Max	-55.97831	-55.79504	-55.94967	-55.52789	-55.58193	-55.15123	
	Average	-56.11111	-55.93335	-56.03219	-55.66933	-55.70452	-55.35398	



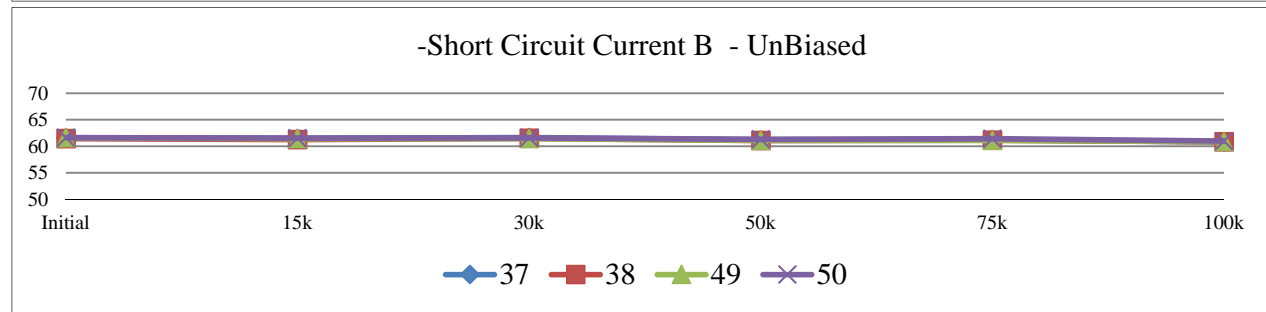
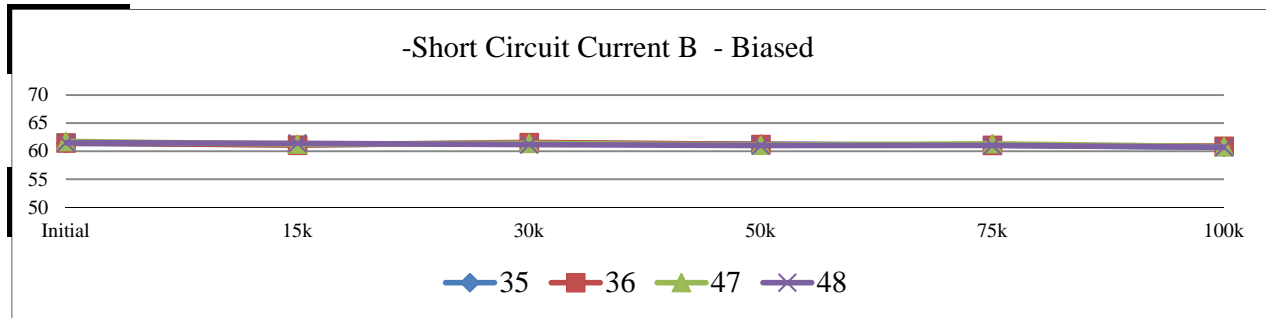
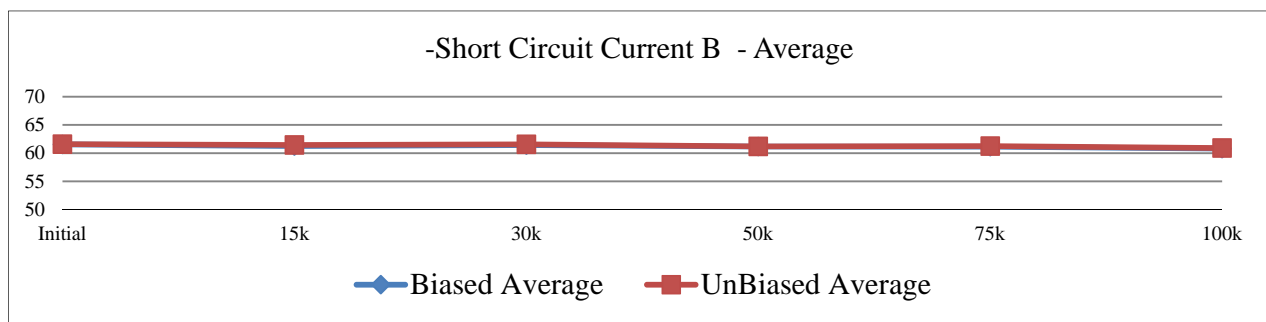
T#36		ISC_A_NEG_5						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	61.88226	61.88864	61.99516	62.12835	61.96669	61.73047	
	57	61.67794	61.73461	61.83798	61.55628	61.60522	61.53872	<65
Biased	35	61.61038	61.37311	61.61794	61.49656	61.28775	60.93835	
	36	61.90270	61.53028	61.96058	61.64115	61.47635	61.33126	
	47	62.14786	61.70318	61.84741	61.53114	61.77495	61.24325	
	48	61.79583	61.69060	61.47019	61.30797	61.34433	61.00122	
	Min	61.61038	61.37311	61.47019	61.30797	61.28775	60.93835	
	Max	62.14786	61.70318	61.96058	61.64115	61.77495	61.33126	
	Average	61.86419	61.57429	61.72403	61.49421	61.47085	61.12852	
UnBiased	37	61.96556	61.82577	62.00459	61.59400	61.63036	61.19296	
	38	61.79897	61.62144	61.84741	61.44313	61.50149	61.21810	
	49	61.78011	61.61516	61.64937	61.29540	61.29403	61.07351	
	50	61.90270	61.82263	61.86942	61.59400	61.70580	61.27468	
	Min	61.78011	61.61516	61.64937	61.29540	61.29403	61.07351	
	Max	61.96556	61.82577	62.00459	61.59400	61.70580	61.27468	
	Average	61.86184	61.72125	61.84270	61.48163	61.53292	61.18981	



T#37		ISC_B_POS_5						mA
SN	Initial	15k	30k	50k	75k	100k	Limit	
CTRL	21	-56.28769	-56.27599	-56.39605	-57.12463	-56.37089	-56.15081	>-65
	57	-55.71872	-55.75103	-55.87423	-55.57189	-55.64480	-55.57872	
Biased	35	-56.05374	-55.75417	-55.97796	-55.82335	-55.57879	-55.19524	
	36	-56.24233	-55.81075	-56.21373	-55.87992	-55.69509	-55.51272	
	47	-55.90287	-55.37066	-55.47500	-55.16014	-55.36819	-54.77718	
	48	-55.90916	-55.71330	-55.46872	-55.29529	-55.31475	-54.89662	
	Min	-56.24233	-55.81075	-56.21373	-55.87992	-55.69509	-55.51272	
	Max	-55.90287	-55.37066	-55.46872	-55.16014	-55.31475	-54.77718	
	Average	-56.02703	-55.66222	-55.78385	-55.53968	-55.48921	-55.09544	
UnBiased	37	-55.61998	-55.43039	-55.60388	-55.17585	-55.22674	-54.77718	
	38	-55.72685	-55.48697	-55.69819	-55.28272	-55.33047	-55.02236	
	49	-55.82115	-55.59071	-55.61017	-55.26700	-55.25503	-54.98778	
	50	-55.97516	-55.84533	-55.86794	-55.58761	-55.67937	-55.22353	
	Min	-55.97516	-55.84533	-55.86794	-55.58761	-55.67937	-55.22353	
	Max	-55.61998	-55.43039	-55.60388	-55.17585	-55.22674	-54.77718	
	Average	-55.78579	-55.58835	-55.69505	-55.32830	-55.37290	-55.00271	

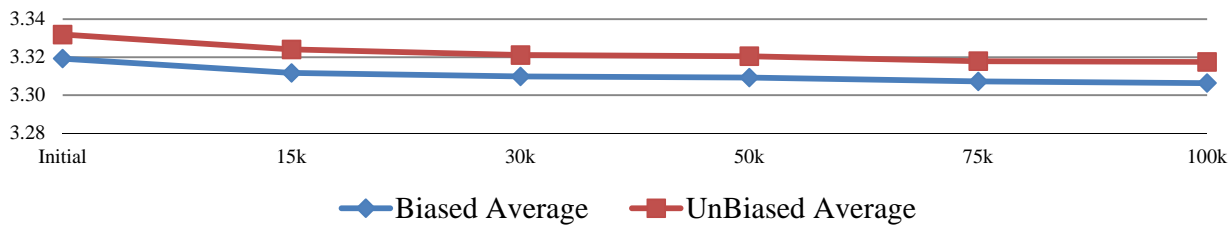


T#38		ISC_B_NEG_5						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	61.63393	61.62144	61.74996	61.97747	61.71209	61.47586	<65
	57	61.35416	61.39825	61.51734	61.21682	61.28461	61.21810	
Biased	35	61.39665	61.15620	61.41990	61.26397	61.06458	60.69945	
	36	61.49723	61.11534	61.56450	61.22625	61.06458	60.91320	
	47	61.73611	61.27566	61.41675	61.09738	61.34433	60.80947	
	48	61.52552	61.40769	61.19042	61.01880	61.05515	60.71203	
	Min	61.39665	61.11534	61.19042	61.01880	61.05515	60.69945	
	Max	61.73611	61.40769	61.56450	61.26397	61.34433	60.91320	
	Average	61.53888	61.23872	61.39789	61.15160	61.13216	60.78354	
	UnBiased	37	61.61981	61.46741	61.64309	61.21996	61.27203	60.81890
38	61.45637	61.26308	61.49848	61.08166	61.14944	60.85033		
49	61.62610	61.43598	61.47019	61.11938	61.12744	60.89120		
50	61.62610	61.53971	61.58650	61.31111	61.42920	60.99178		
Min	61.45637	61.26308	61.47019	61.08166	61.12744	60.81890		
Max	61.62610	61.53971	61.64309	61.31111	61.42920	60.99178		
Average	61.58210	61.42655	61.54957	61.18303	61.24453	60.88805		



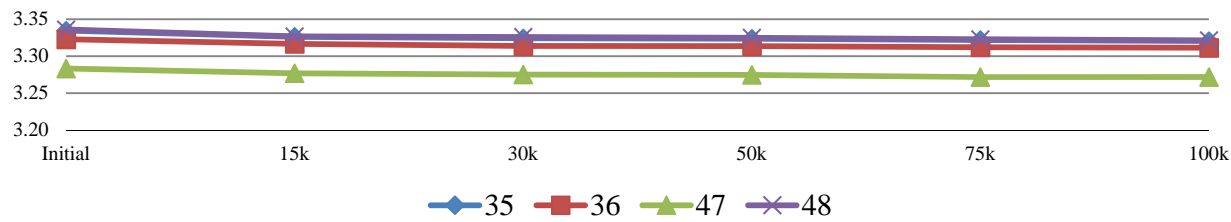
T#39		Isy+ Vsy=+-16.5V						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	3.3219	3.32182	3.32075	3.30894	3.32104	3.32211	
	57	3.31876	3.31805	3.31824	3.31868	3.31915	3.31897	
Biased	35	3.33452	3.32622	3.32420	3.32370	3.32198	3.32054	
	36	3.32290	3.31679	3.31384	3.31365	3.31224	3.31143	
	47	3.28332	3.27690	3.27520	3.27471	3.27173	3.27186	
	48	3.33609	3.32684	3.32609	3.32496	3.32292	3.32148	
	Min	3.28332	3.27690	3.27520	3.27471	3.27173	3.27186	
	Max	3.33609	3.32684	3.32609	3.32496	3.32292	3.32148	
	Average	3.31921	3.31169	3.30983	3.30926	3.30722	3.30633	
UnBiased	37	3.34426	3.33689	3.33331	3.33344	3.33109	3.33059	
	38	3.32667	3.31899	3.31541	3.31491	3.31224	3.31206	
	49	3.33201	3.32370	3.32106	3.32056	3.31790	3.31677	
	50	3.32478	3.31679	3.31478	3.31302	3.31036	3.31049	
	Min	3.32478	3.31679	3.31478	3.31302	3.31036	3.31049	
	Max	3.34426	3.33689	3.33331	3.33344	3.33109	3.33059	
	Average	3.33193	3.32409	3.32114	3.32048	3.31790	3.31748	

+Supply Current Vs=+-16.5V - Average



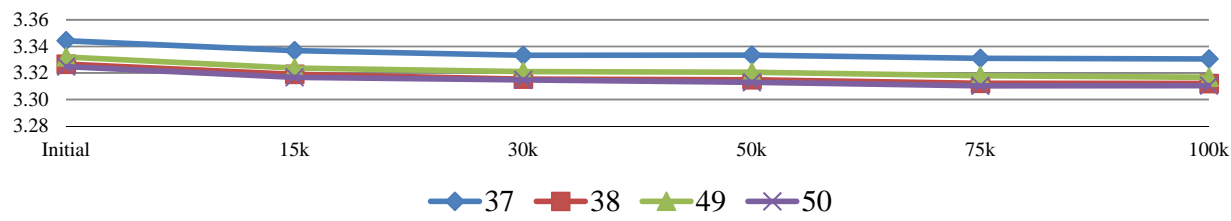
◆ Biased Average ■ UnBiased Average

+Supply Current Vs=+-16.5V - Biased



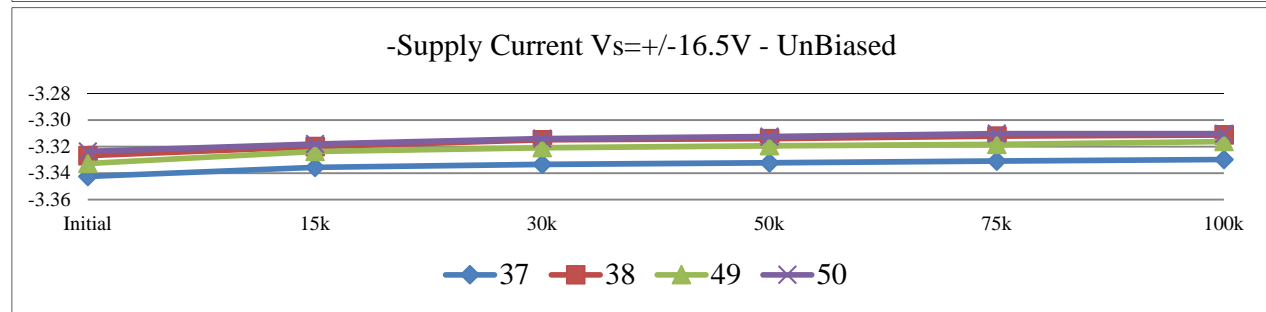
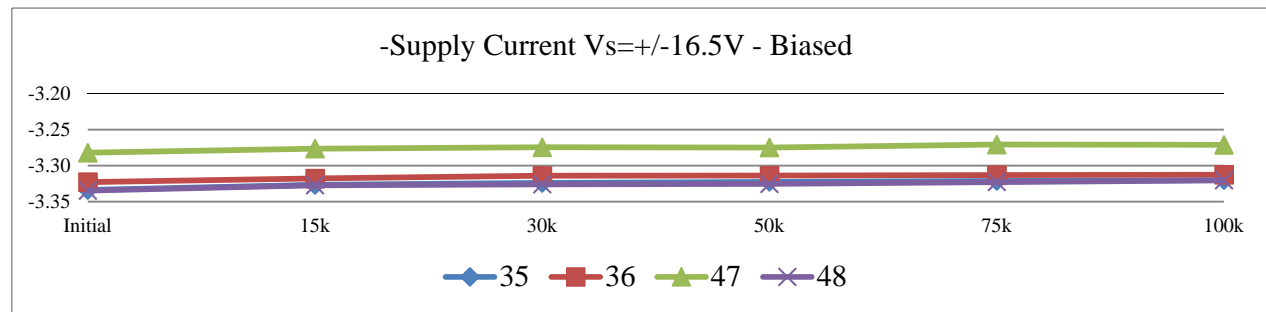
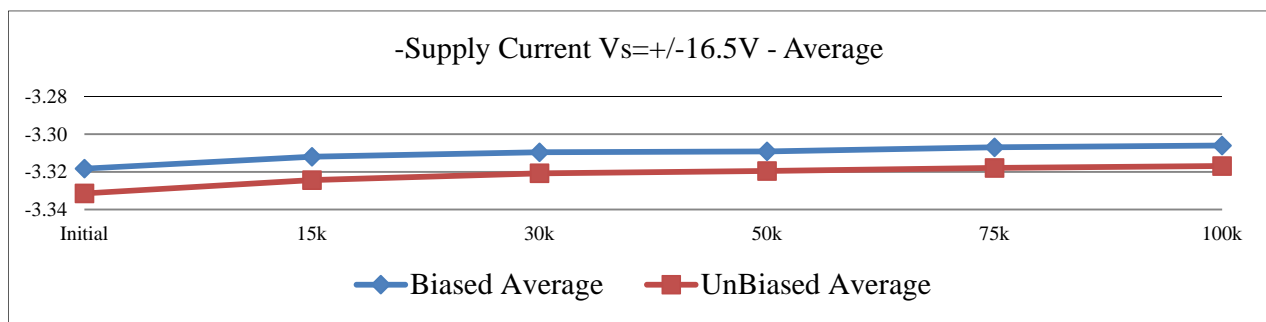
◆ 35 ■ 36 ▲ 47 ✕ 48

+Supply Current Vs=+-16.5V - UnBiased

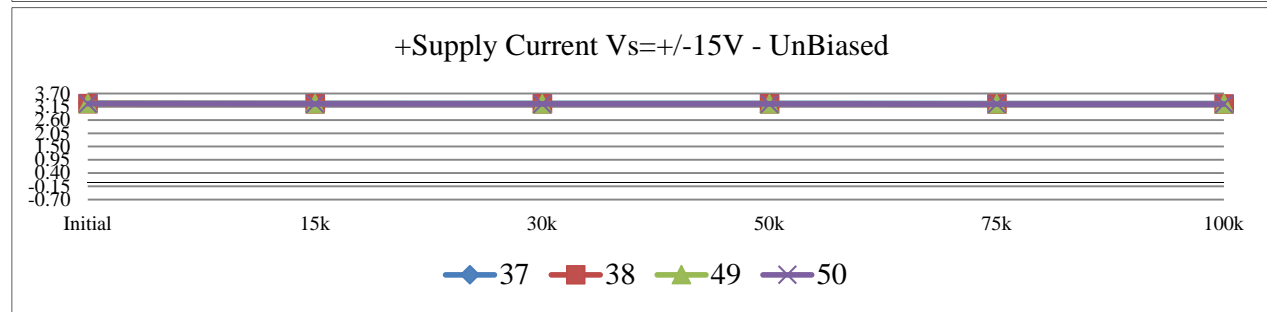
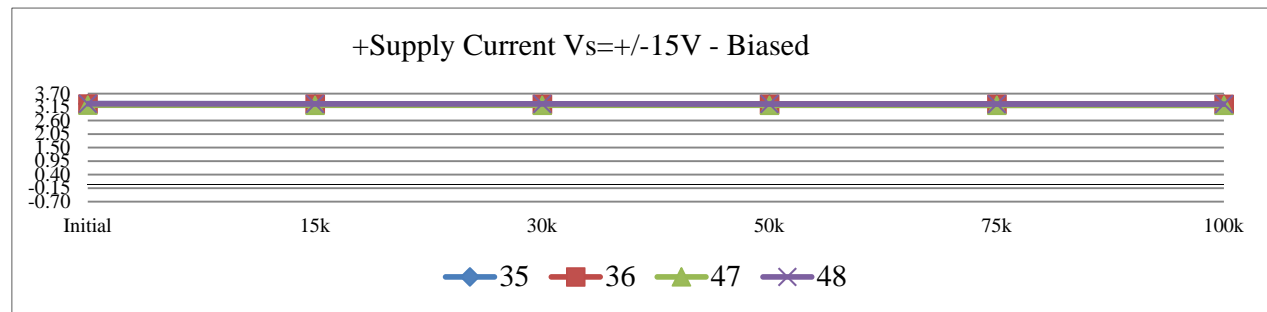
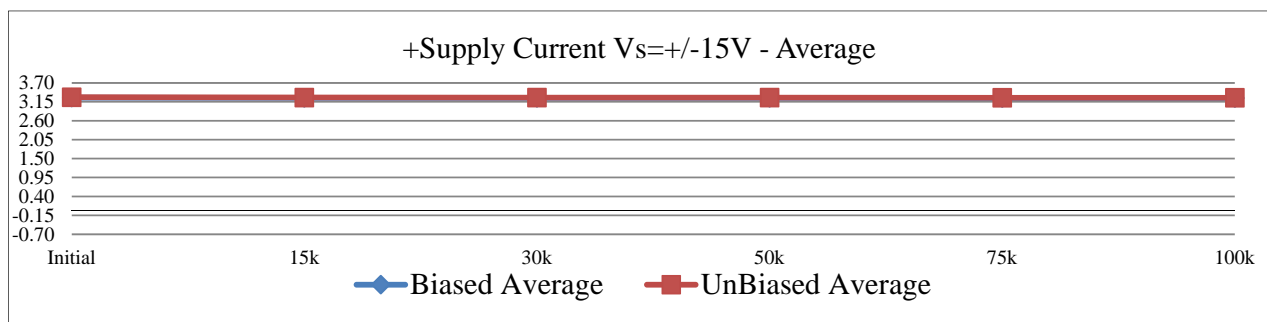


◆ 37 ■ 38 ▲ 49 ✕ 50

T#40		Isy- Vsy=+/-16.5V						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-3.32126	-3.32125	-3.32054	-3.30903	-3.32152	-3.32191	
	57	-3.31780	-3.31717	-3.31803	-3.31875	-3.31775	-3.31815	
Biased	35	-3.33373	-3.32659	-3.32399	-3.32252	-3.32120	-3.32003	
	36	-3.32275	-3.31780	-3.31395	-3.31373	-3.31305	-3.31250	
	47	-3.28196	-3.27638	-3.27442	-3.27483	-3.27069	-3.27109	
	48	-3.33468	-3.32721	-3.32587	-3.32534	-3.32277	-3.32034	
	Min	-3.33468	-3.32721	-3.32587	-3.32534	-3.32277	-3.32034	
	Max	-3.28196	-3.27638	-3.27442	-3.27483	-3.27069	-3.27109	
	Average	-3.31828	-3.31200	-3.30956	-3.30911	-3.30693	-3.30599	
UnBiased	37	-3.34252	-3.33569	-3.33341	-3.33225	-3.33093	-3.32976	
	38	-3.32683	-3.32000	-3.31489	-3.31405	-3.31211	-3.31125	
	49	-3.33279	-3.32376	-3.32085	-3.31938	-3.31838	-3.31627	
	50	-3.32369	-3.31812	-3.31395	-3.31248	-3.31022	-3.31030	
	Min	-3.34252	-3.33569	-3.33341	-3.33225	-3.33093	-3.32976	
	Max	-3.32369	-3.31812	-3.31395	-3.31248	-3.31022	-3.31030	
	Average	-3.33146	-3.32439	-3.32078	-3.31954	-3.31791	-3.31690	

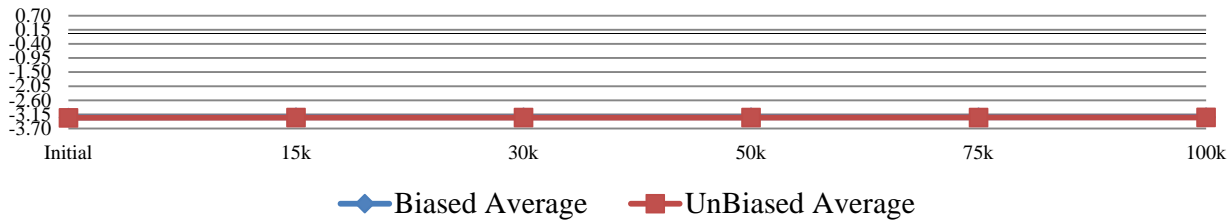


T#41		Isy+ Vsy=+/-15V						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	3.27568	3.2756	3.27515	3.26209	3.27481	3.27587	<3.7
	57	3.27034	3.27026	3.26981	3.27057	3.27072	3.27116	
Biased	35	3.28737	3.27937	3.27766	3.27685	3.27481	3.27430	
	36	3.27700	3.27058	3.26792	3.26775	3.26633	3.26488	
	47	3.23617	3.22943	3.22772	3.22691	3.22424	3.22405	
	48	3.28831	3.27874	3.27797	3.27685	3.27449	3.27336	
	Min	3.23617	3.22943	3.22772	3.22691	3.22424	3.22405	
	Max	3.28831	3.27937	3.27797	3.27685	3.27481	3.27430	
	Average	3.27221	3.26453	3.26282	3.26209	3.25997	3.25915	
UnBiased	37	3.29647	3.28848	3.28551	3.28502	3.28297	3.28278	
	38	3.27889	3.27058	3.26730	3.26712	3.26444	3.26425	
	49	3.28328	3.27529	3.27232	3.27120	3.26884	3.26802	
	50	3.27700	3.26838	3.26573	3.26492	3.26287	3.26205	
	Min	3.27700	3.26838	3.26573	3.26492	3.26287	3.26205	
	Max	3.29647	3.28848	3.28551	3.28502	3.28297	3.28278	
	Average	3.28391	3.27568	3.27272	3.27207	3.26978	3.26928	

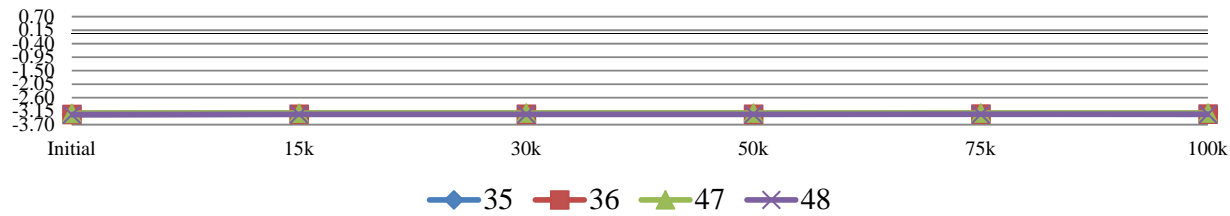


T#42		Isy- Vsy=+/-15V						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-3.27464	-3.27527	-3.27548	-3.26178	-3.27521	-3.27653	>-3.7
	57	-3.27025	-3.27025	-3.26952	-3.27119	-3.27238	-3.27183	
Biased	35	-3.28807	-3.27872	-3.27799	-3.27621	-3.27489	-3.27434	
	36	-3.27677	-3.27056	-3.26795	-3.26806	-3.26642	-3.26461	
	47	-3.23536	-3.22820	-3.22685	-3.22727	-3.22375	-3.22476	
	48	-3.28681	-3.27652	-3.27799	-3.27590	-3.27364	-3.27340	
	Min	-3.28807	-3.27872	-3.27799	-3.27621	-3.27489	-3.27434	
	Max	-3.23536	-3.22820	-3.22685	-3.22727	-3.22375	-3.22476	
	Average	-3.27175	-3.26350	-3.26270	-3.26186	-3.25968	-3.25928	
UnBiased	37	-3.29654	-3.29001	-3.28521	-3.28531	-3.28399	-3.28312	
	38	-3.27803	-3.27087	-3.26764	-3.26586	-3.26517	-3.26304	
	49	-3.28305	-3.27558	-3.27297	-3.27182	-3.27019	-3.26775	
	50	-3.27583	-3.26868	-3.26639	-3.26617	-3.26360	-3.26304	
	Min	-3.29654	-3.29001	-3.28521	-3.28531	-3.28399	-3.28312	
	Max	-3.27583	-3.26868	-3.26639	-3.26586	-3.26360	-3.26304	
	Average	-3.28336	-3.27629	-3.27305	-3.27229	-3.27074	-3.26924	

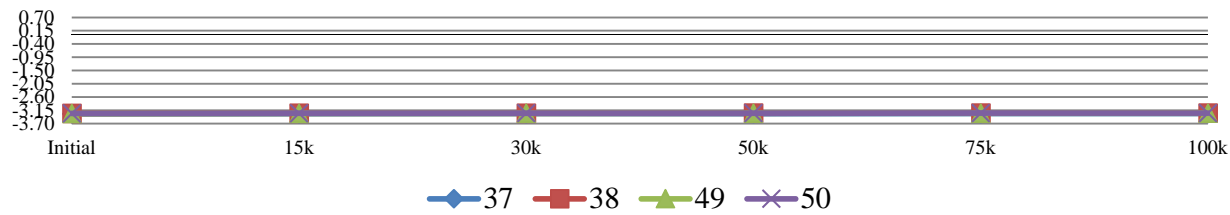
-Supply Current Vs=+/-15V - Average



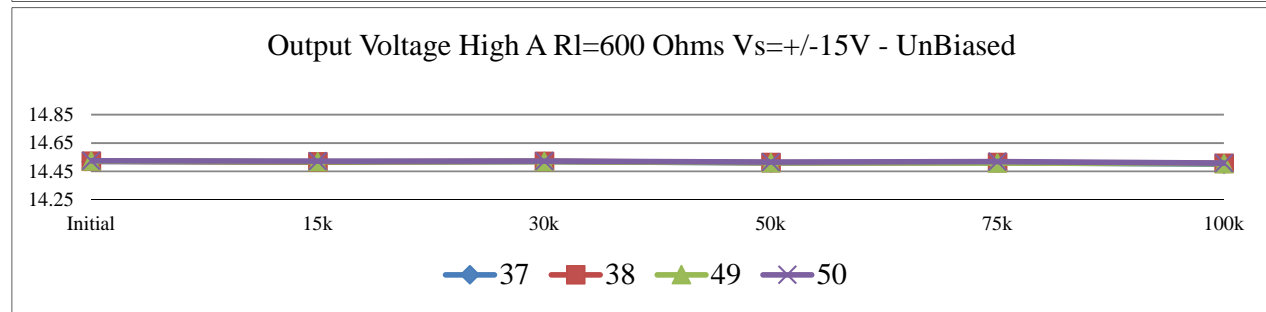
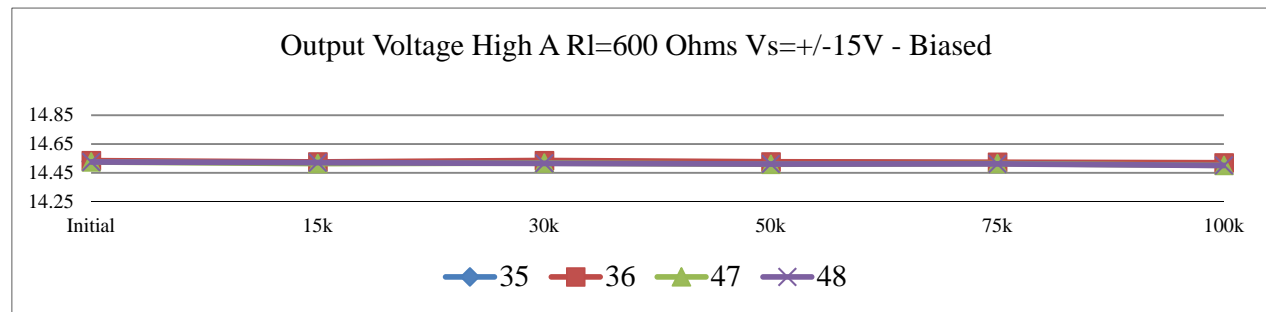
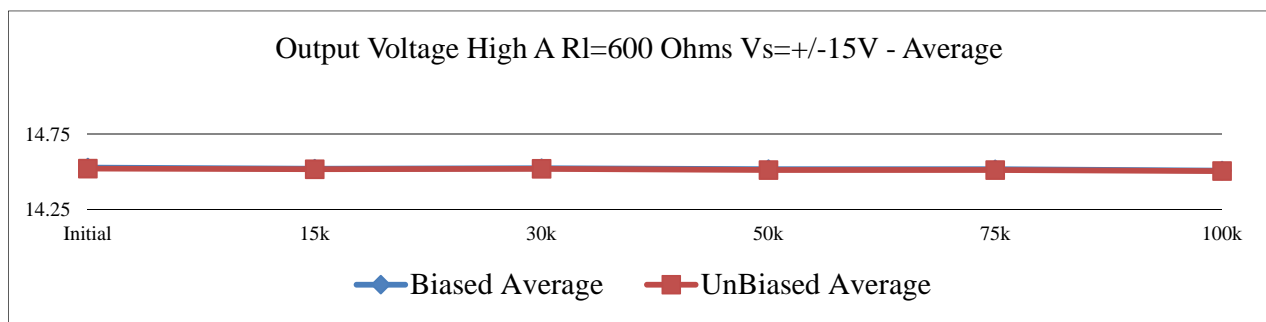
-Supply Current Vs=+/-15V - Biased



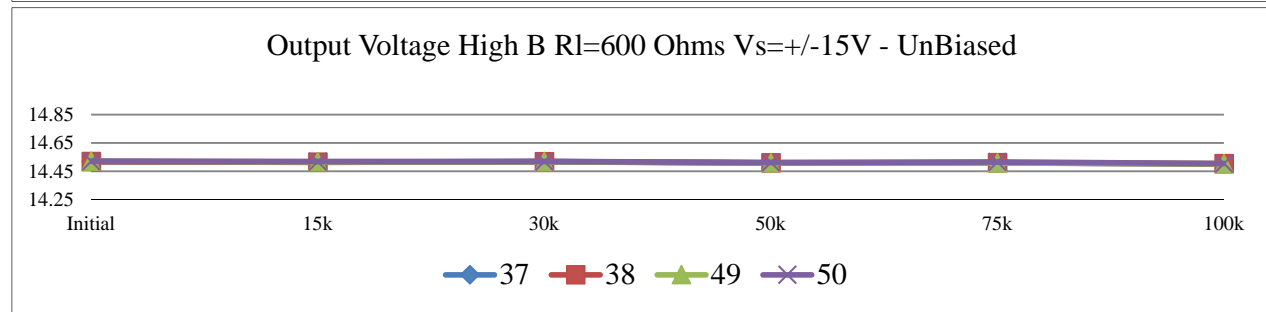
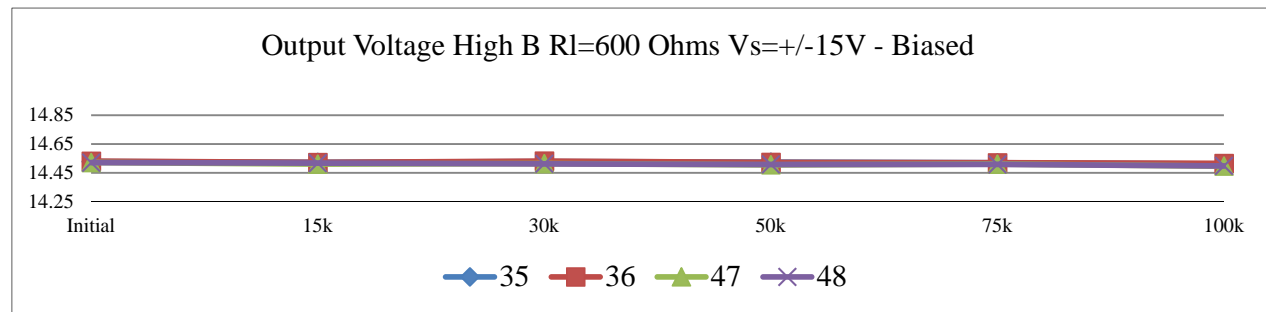
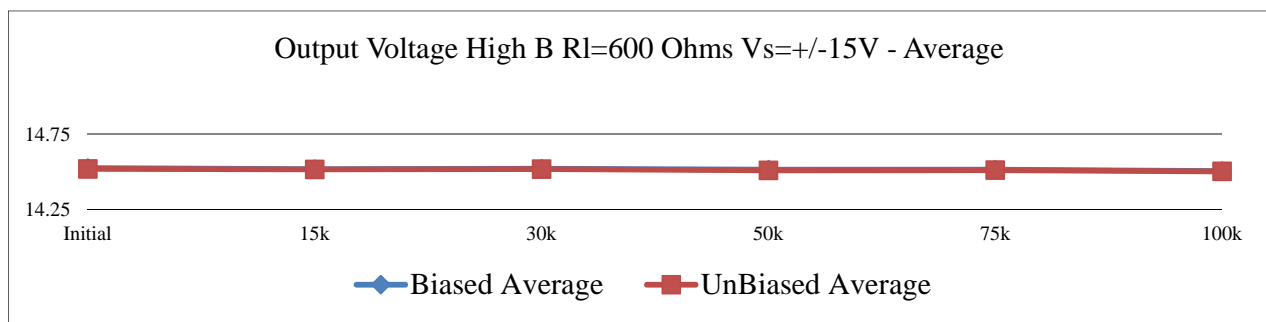
-Supply Current Vs=+/-15V - UnBiased



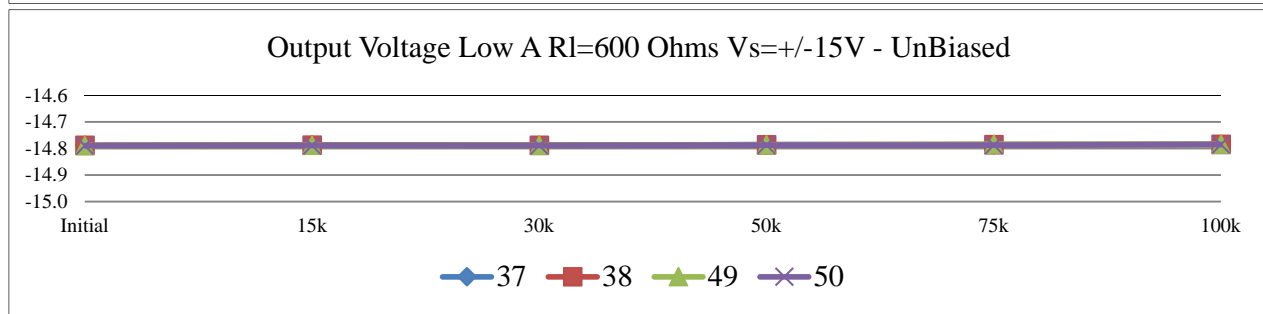
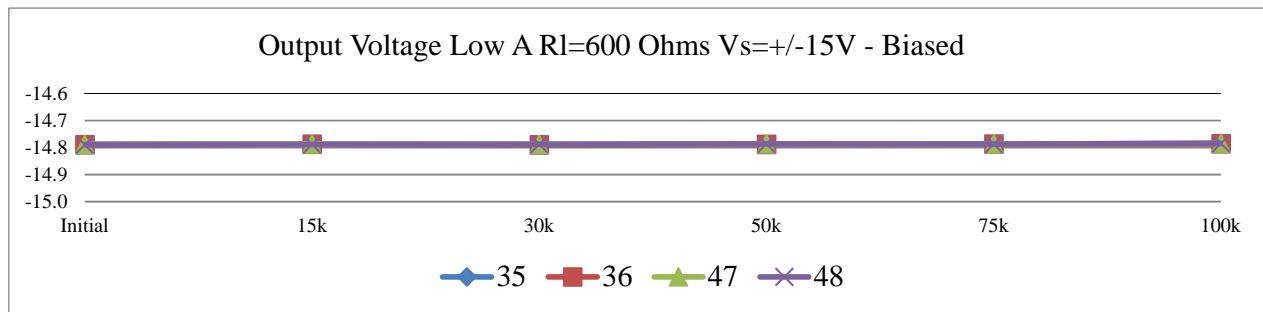
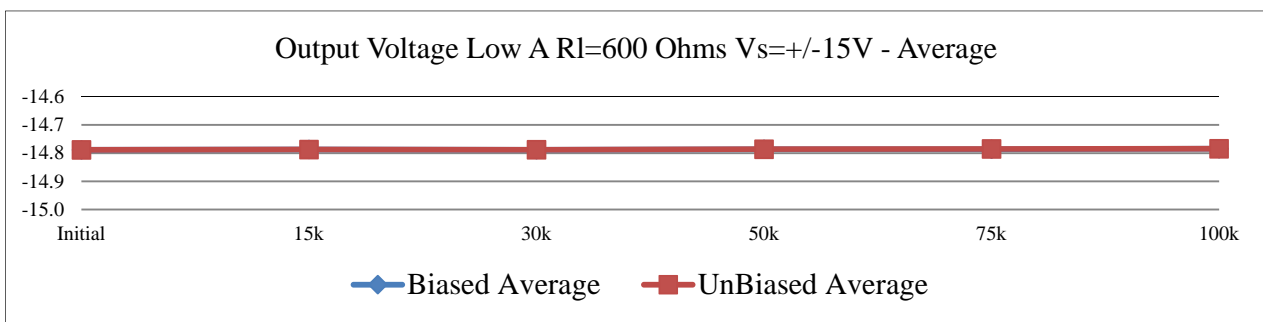
T#43		Voh(A) Vs=+-15.0V RL=600						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	14.53312	14.53279	14.53576	14.54504	14.53386	14.52861	>14.25
	57	14.51929	14.51968	14.52244	14.51595	14.51678	14.51533	
Biased	35	14.52934	14.52315	14.52813	14.52457	14.51957	14.51086	
	36	14.53532	14.52590	14.53560	14.52661	14.52389	14.52017	
	47	14.52601	14.51482	14.51827	14.50997	14.51486	14.50176	
	48	14.52553	14.52141	14.51624	14.51194	14.51217	14.50165	
	Min	14.52553	14.51482	14.51624	14.50997	14.51217	14.50165	
	Max	14.53532	14.52590	14.53560	14.52661	14.52389	14.52017	
	Average	14.52905	14.52132	14.52456	14.51827	14.51762	14.50861	
	UnBiased	37	14.51928	14.51478	14.51960	14.50932	14.51088	14.50120
38	14.52098	14.51635	14.52044	14.51186	14.51246	14.50647		
49	14.52249	14.51756	14.51833	14.51084	14.50827	14.50465		
50	14.52428	14.52169	14.52195	14.51574	14.51862	14.50819		
Min	14.51928	14.51478	14.51833	14.50932	14.50827	14.50120		
Max	14.52428	14.52169	14.52195	14.51574	14.51862	14.50819		
Average	14.52176	14.51760	14.52008	14.51194	14.51256	14.50513		



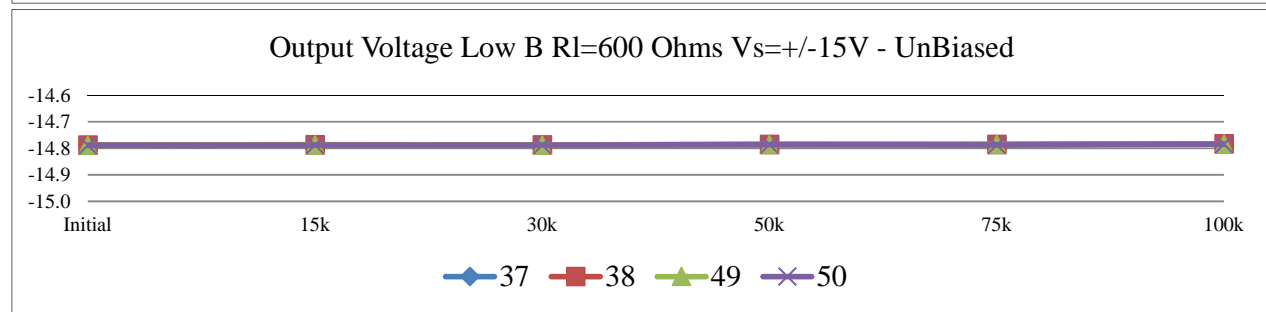
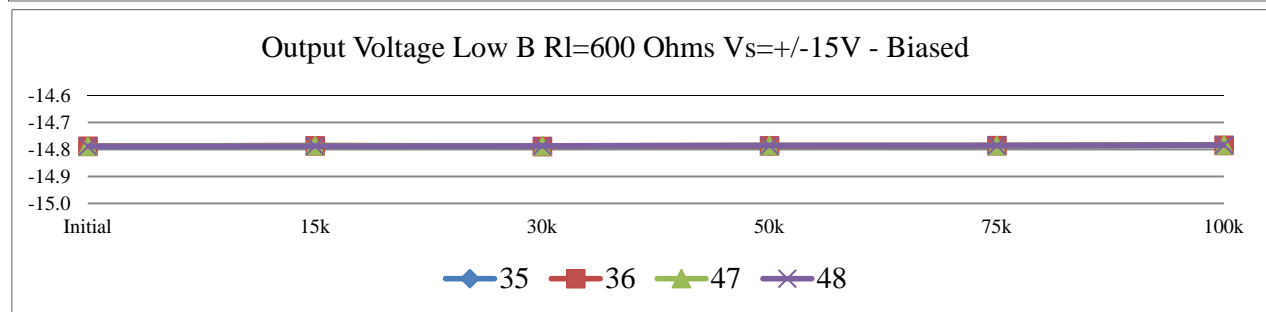
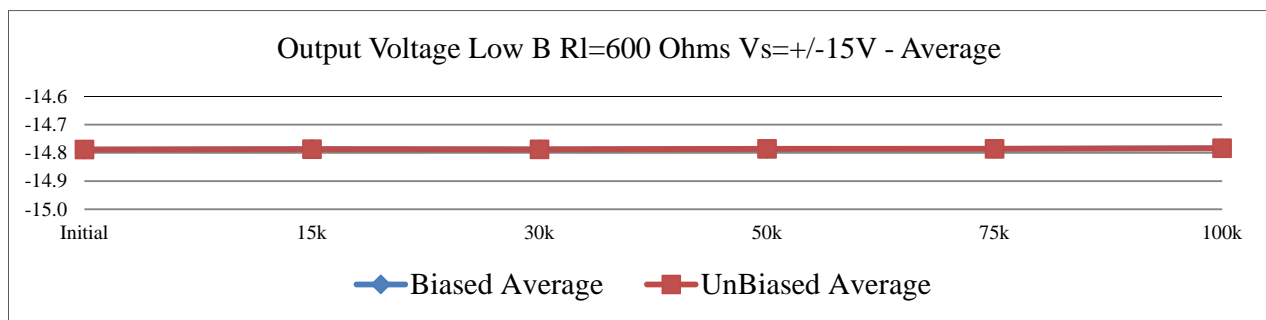
T#44		Voh(B) Vs=+-15.0V RL=600						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	14.53169	14.5319	14.53424	14.54664	14.5325	14.52733	>14.25
	57	14.51684	14.51719	14.52022	14.51355	14.51453	14.51296	
Biased	35	14.52861	14.52312	14.52801	14.52460	14.51964	14.51114	
	36	14.53086	14.52204	14.53171	14.52253	14.51996	14.51579	
	47	14.52217	14.51099	14.51424	14.50605	14.51095	14.49722	
	48	14.52141	14.51771	14.51281	14.50827	14.50893	14.49826	
	Min	14.52141	14.51099	14.51281	14.50605	14.50893	14.49722	
	Max	14.53086	14.52312	14.53171	14.52460	14.51996	14.51579	
	Average	14.52576	14.51847	14.52169	14.51536	14.51487	14.50560	
	UnBiased	37	14.51846	14.51477	14.51919	14.50927	14.51068	14.50069
38		14.51840	14.51377	14.51794	14.50932	14.51050	14.50361	
49		14.52112	14.51625	14.51734	14.50966	14.50900	14.50329	
50		14.52140	14.51901	14.51938	14.51298	14.51618	14.50517	
Min		14.51840	14.51377	14.51734	14.50927	14.50900	14.50069	
Max		14.52140	14.51901	14.51938	14.51298	14.51618	14.50517	
Average		14.51985	14.51595	14.51846	14.51031	14.51159	14.50319	



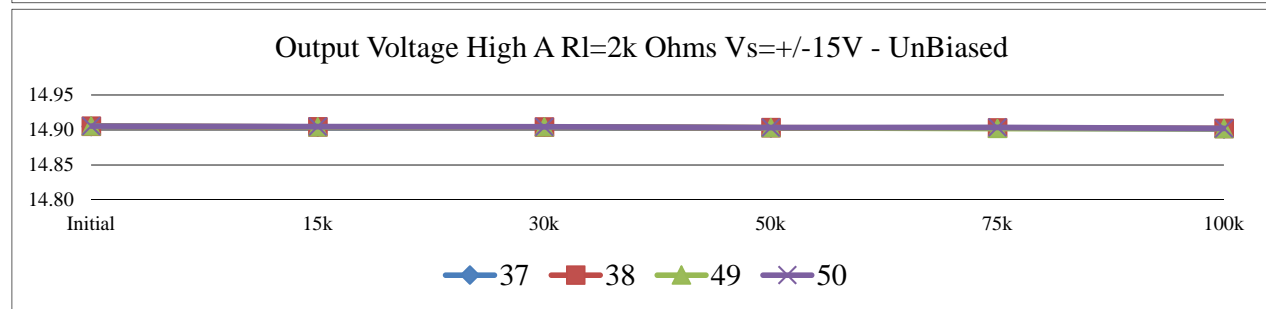
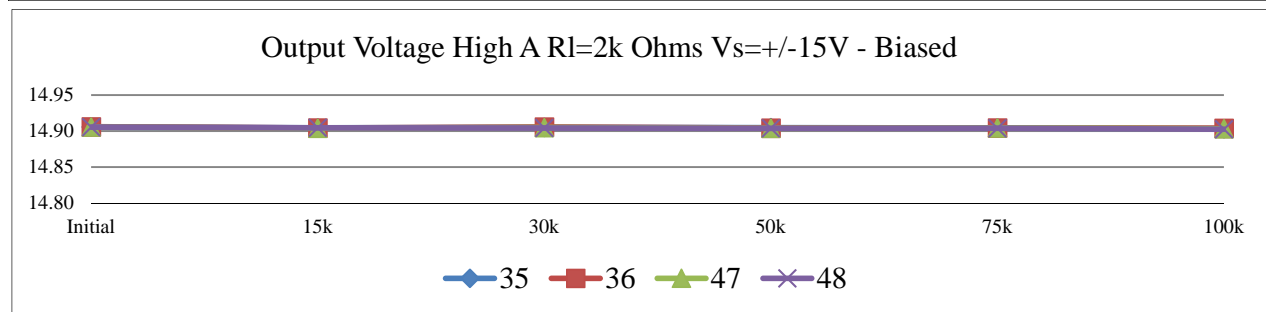
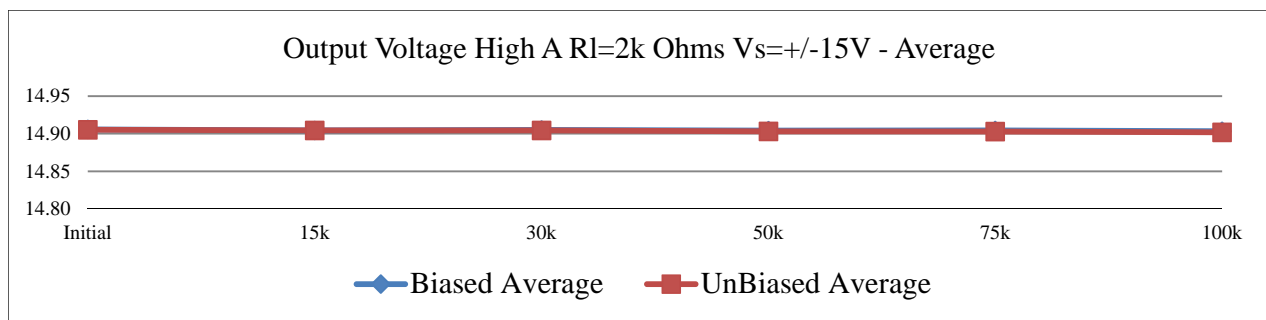
T#45		Vol(A) Vs=+-15.0V RL=600						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-14.78889	-14.78821	-14.78948	-14.78782	-14.78873	-14.78707	<-14.6
	57	-14.78782	-14.78785	-14.78813	-14.78681	-14.78631	-14.78583	
Biased	35	-14.78887	-14.78707	-14.78876	-14.78778	-14.78665	-14.78465	
	36	-14.78868	-14.78670	-14.78916	-14.78727	-14.78603	-14.78534	
	47	-14.78793	-14.78600	-14.78770	-14.78563	-14.78644	-14.78441	
	48	-14.78904	-14.78800	-14.78724	-14.78618	-14.78657	-14.78423	
	Min	-14.78904	-14.78800	-14.78916	-14.78778	-14.78665	-14.78534	
	Max	-14.78793	-14.78600	-14.78724	-14.78563	-14.78603	-14.78423	
	Average	-14.78863	-14.78694	-14.78822	-14.78672	-14.78642	-14.78466	
	UnBiased	37	-14.78817	-14.78627	-14.78814	-14.78564	-14.78584	-14.78411
38	-14.78802	-14.78721	-14.78790	-14.78619	-14.78560	-14.78442		
49	-14.78903	-14.78783	-14.78802	-14.78634	-14.78364	-14.78462		
50	-14.78919	-14.78846	-14.78829	-14.78689	-14.78730	-14.78504		
Min	-14.78919	-14.78846	-14.78829	-14.78689	-14.78730	-14.78504		
Max	-14.78802	-14.78627	-14.78790	-14.78564	-14.78364	-14.78411		
Average	-14.78860	-14.78744	-14.78809	-14.78627	-14.78560	-14.78455		



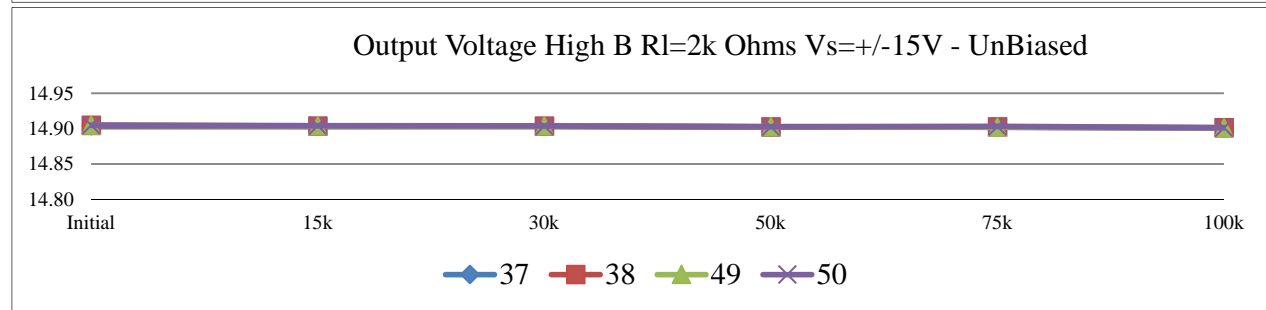
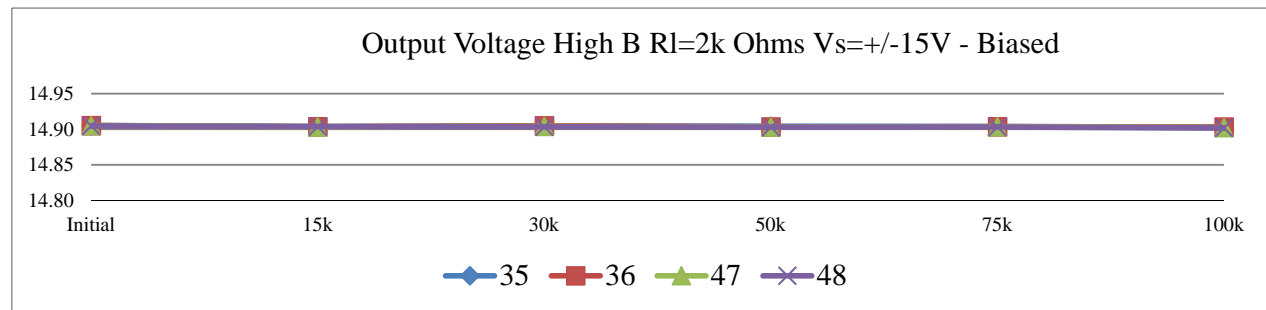
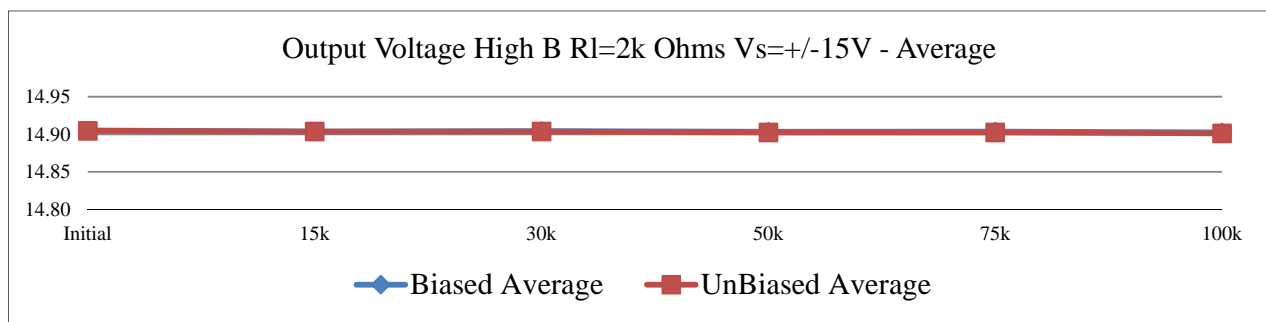
T#46		Vol(B) Vs=+-15.0V RL=600						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-14.78851	-14.78837	-14.78899	-14.78796	-14.78844	-14.78689	<-14.6
	57	-14.78702	-14.78704	-14.78751	-14.78602	-14.78570	-14.78517	
Biased	35	-14.78863	-14.78723	-14.78867	-14.78769	-14.78651	-14.78457	
	36	-14.78785	-14.78602	-14.78841	-14.78635	-14.78538	-14.78423	
	47	-14.78805	-14.78566	-14.78685	-14.78489	-14.78565	-14.78307	
	48	-14.78842	-14.78748	-14.78674	-14.78544	-14.78581	-14.78348	
	Min	-14.78863	-14.78748	-14.78867	-14.78769	-14.78651	-14.78457	
	Max	-14.78785	-14.78566	-14.78674	-14.78489	-14.78538	-14.78307	
	Average	-14.78824	-14.78660	-14.78767	-14.78609	-14.78584	-14.78384	
UnBiased	37	-14.78773	-14.78627	-14.78778	-14.78531	-14.78553	-14.78337	
	38	-14.78767	-14.78656	-14.78730	-14.78552	-14.78554	-14.78336	
	49	-14.78904	-14.78753	-14.78792	-14.78615	-14.78541	-14.78424	
	50	-14.78868	-14.78799	-14.78790	-14.78643	-14.78708	-14.78441	
	Min	-14.78904	-14.78799	-14.78792	-14.78643	-14.78708	-14.78441	
	Max	-14.78767	-14.78627	-14.78730	-14.78531	-14.78541	-14.78336	
	Average	-14.78828	-14.78709	-14.78773	-14.78585	-14.78589	-14.78385	



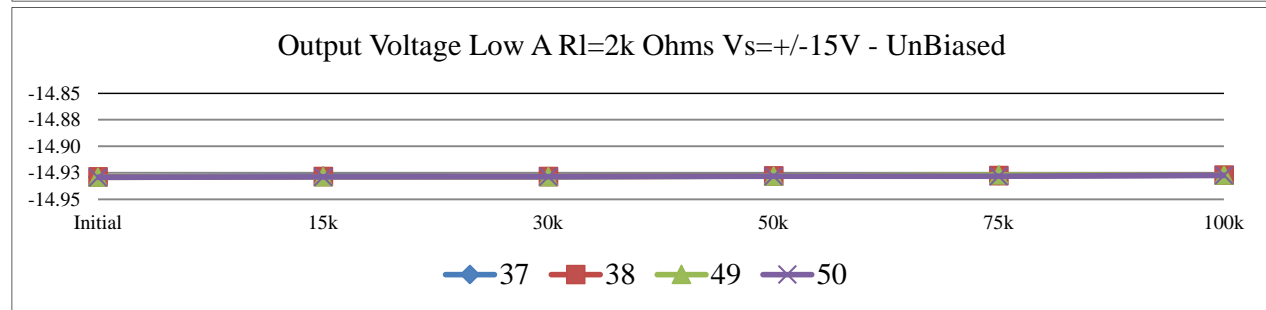
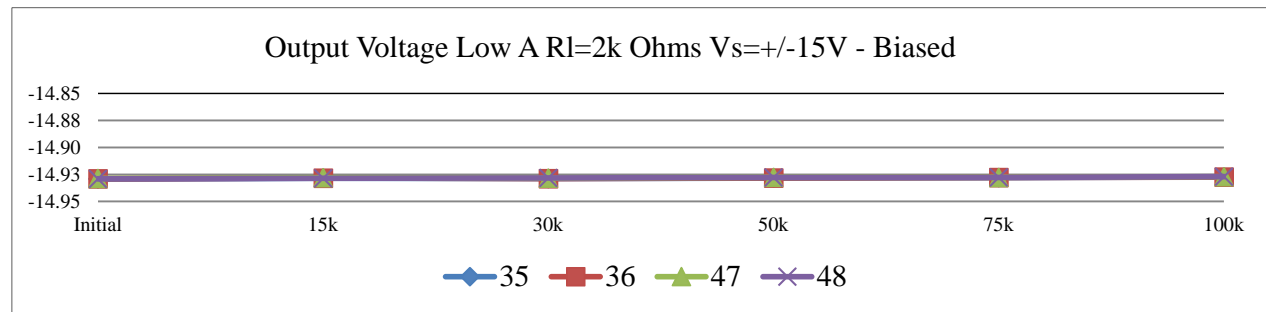
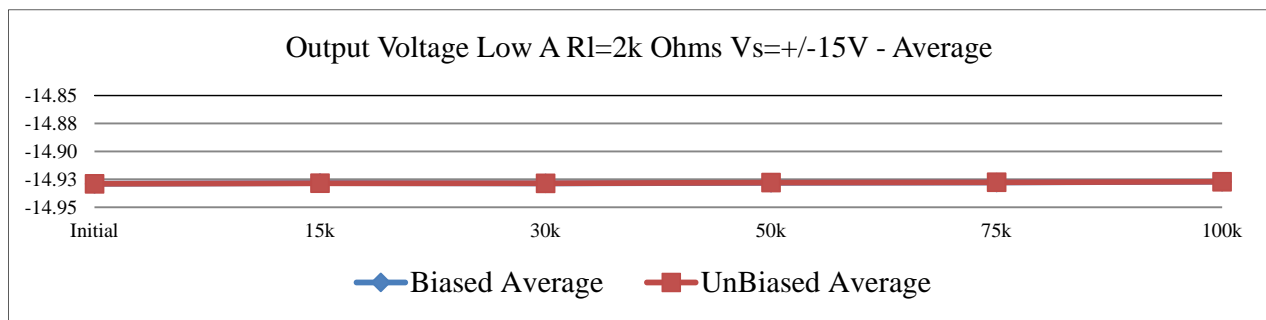
T#47		Voh(A) Vs=+-15.0V RL=2k						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	14.90528	14.9052	14.90559	14.9061	14.90499	14.9043	>14.8
	57	14.90512	14.90499	14.90536	14.90460	14.90450	14.90433	
Biased	35	14.90560	14.90440	14.90506	14.90471	14.90429	14.90333	
	36	14.90595	14.90433	14.90566	14.90422	14.90433	14.90398	
	47	14.90569	14.90401	14.90482	14.90381	14.90439	14.90323	
	48	14.90552	14.90447	14.90425	14.90384	14.90396	14.90256	
	Min	14.90552	14.90401	14.90425	14.90381	14.90396	14.90256	
	Max	14.90595	14.90447	14.90566	14.90471	14.90439	14.90398	
	Average	14.90569	14.90430	14.90495	14.90415	14.90424	14.90328	
UnBiased	37	14.90488	14.90382	14.90424	14.90274	14.90264	14.90137	
	38	14.90516	14.90425	14.90419	14.90315	14.90279	14.90210	
	49	14.90540	14.90435	14.90428	14.90320	14.90199	14.90185	
	50	14.90549	14.90477	14.90440	14.90337	14.90365	14.90211	
	Min	14.90488	14.90382	14.90419	14.90274	14.90199	14.90137	
	Max	14.90549	14.90477	14.90440	14.90337	14.90365	14.90211	
	Average	14.90523	14.90430	14.90428	14.90312	14.90277	14.90186	



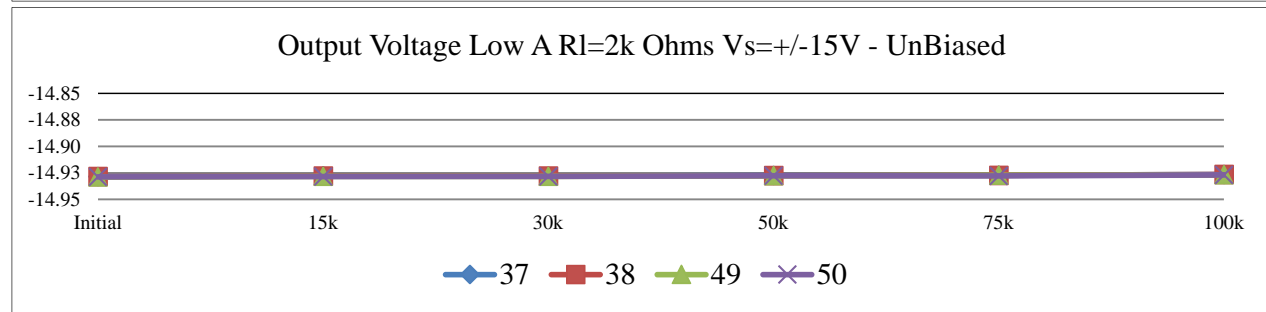
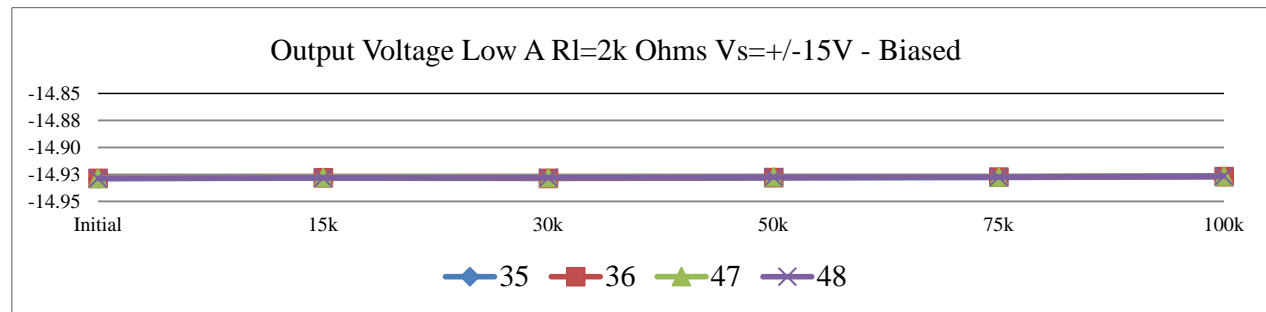
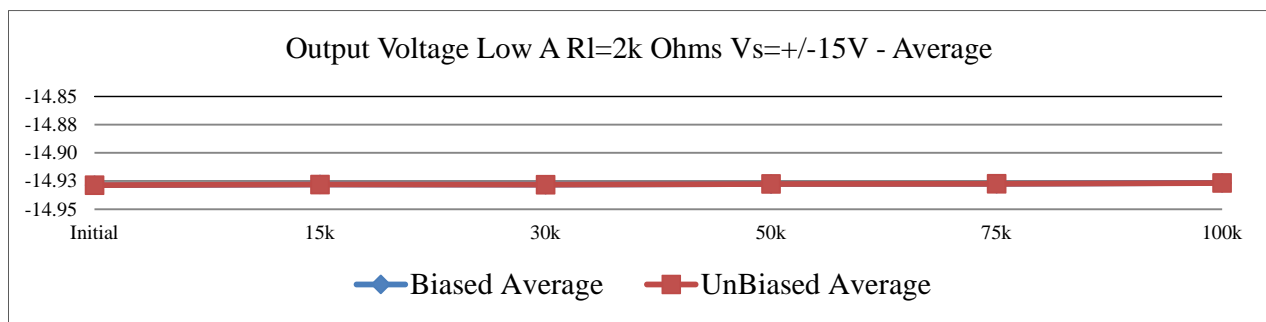
T#48		Voh(B) Vs=+-15.0V RL=2k						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	14.90467	14.90475	14.90493	14.90568	14.9044	14.90375	>14.8
	57	14.90438	14.90425	14.90467	14.90385	14.90382	14.90364	
Biased	35	14.90508	14.90401	14.90464	14.90426	14.90385	14.90294	
	36	14.90519	14.90363	14.90495	14.90344	14.90362	14.90316	
	47	14.90522	14.90338	14.90407	14.90310	14.90365	14.90232	
	48	14.90469	14.90368	14.90347	14.90301	14.90315	14.90175	
	Min	14.90469	14.90338	14.90347	14.90301	14.90315	14.90175	
	Max	14.90522	14.90401	14.90495	14.90426	14.90385	14.90316	
	Average	14.90505	14.90368	14.90428	14.90345	14.90357	14.90254	
	UnBiased	37	14.90422	14.90335	14.90365	14.90217	14.90207	14.90070
38		14.90450	14.90353	14.90347	14.90243	14.90224	14.90124	
49		14.90484	14.90371	14.90366	14.90256	14.90194	14.90114	
50		14.90477	14.90406	14.90369	14.90268	14.90302	14.90133	
Min		14.90422	14.90335	14.90347	14.90217	14.90194	14.90070	
Max		14.90484	14.90406	14.90369	14.90268	14.90302	14.90133	
Average		14.90458	14.90366	14.90362	14.90246	14.90232	14.90110	



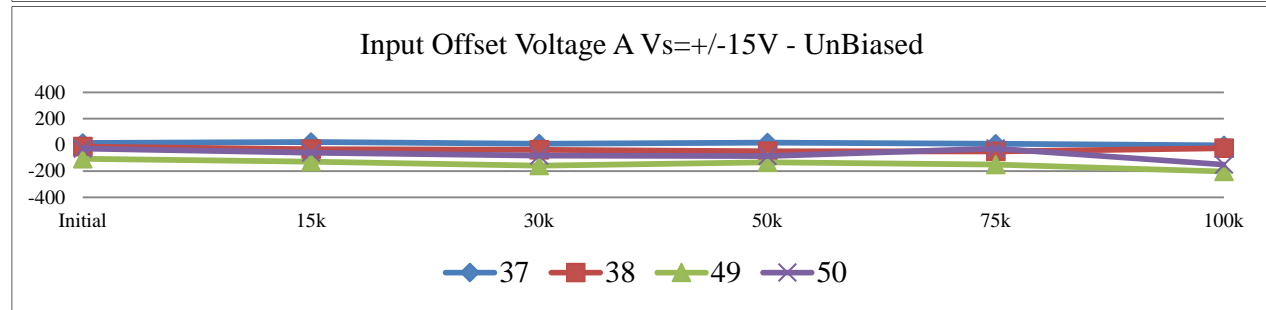
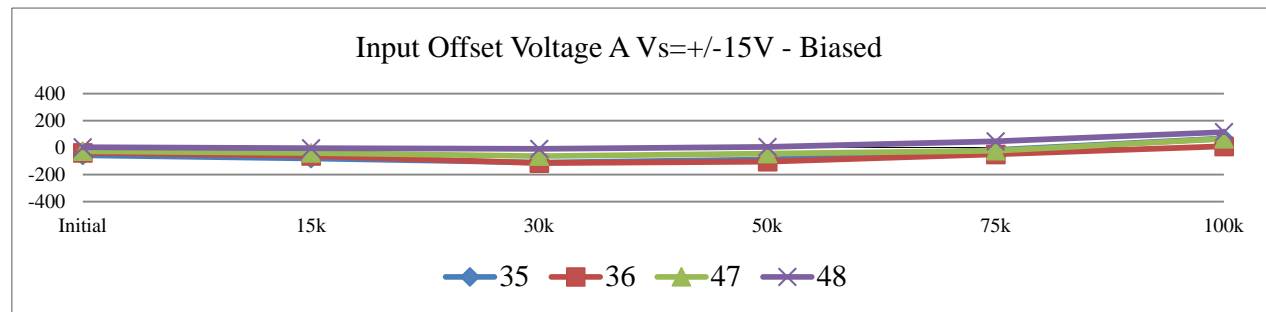
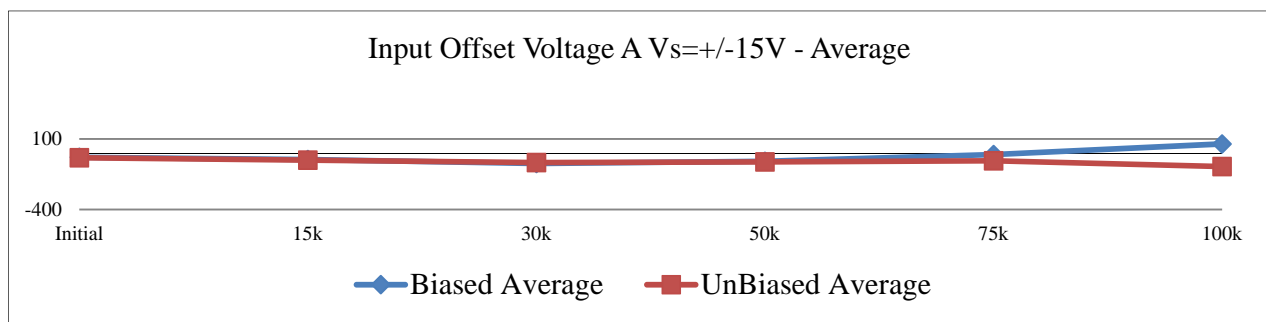
T#49		Vol(A) Vs=+-15.0V RL=2k						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-14.92911	-14.92894	-14.92929	-14.92863	-14.92904	-14.92854	>-14.85
	57	-14.92871	-14.92870	-14.92879	-14.92843	-14.92821	-14.92805	
Biased	35	-14.92917	-14.92850	-14.92889	-14.92845	-14.92802	-14.92730	
	36	-14.92903	-14.92833	-14.92890	-14.92824	-14.92775	-14.92742	
	47	-14.92869	-14.92797	-14.92842	-14.92767	-14.92773	-14.92705	
	48	-14.92909	-14.92859	-14.92831	-14.92786	-14.92786	-14.92701	
	Min	-14.92917	-14.92859	-14.92890	-14.92845	-14.92802	-14.92742	
	Max	-14.92869	-14.92797	-14.92831	-14.92767	-14.92773	-14.92701	
	Average	-14.92900	-14.92835	-14.92863	-14.92806	-14.92784	-14.92720	
UnBiased	37	-14.92879	-14.92804	-14.92852	-14.92771	-14.92763	-14.92704	
	38	-14.92882	-14.92842	-14.92851	-14.92794	-14.92761	-14.92713	
	49	-14.92913	-14.92862	-14.92859	-14.92802	-14.92700	-14.92719	
	50	-14.92916	-14.92882	-14.92864	-14.92812	-14.92812	-14.92734	
	Min	-14.92916	-14.92882	-14.92864	-14.92812	-14.92812	-14.92734	
	Max	-14.92879	-14.92804	-14.92851	-14.92771	-14.92700	-14.92704	
	Average	-14.92898	-14.92848	-14.92857	-14.92795	-14.92759	-14.92718	



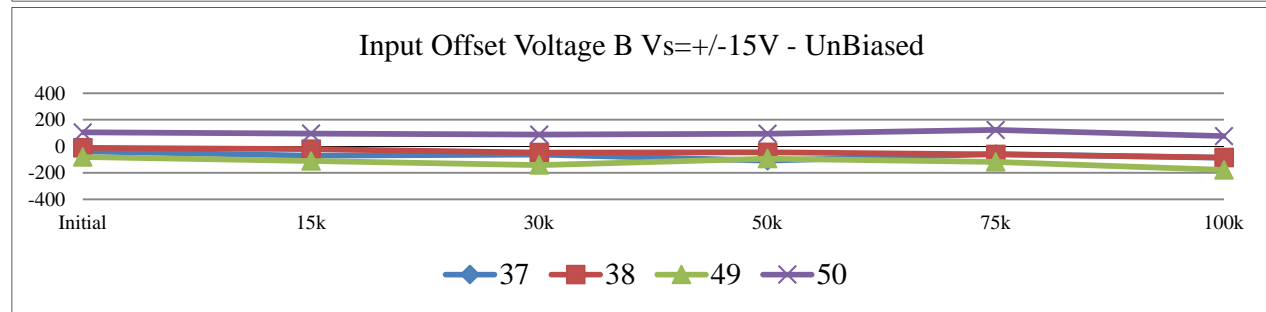
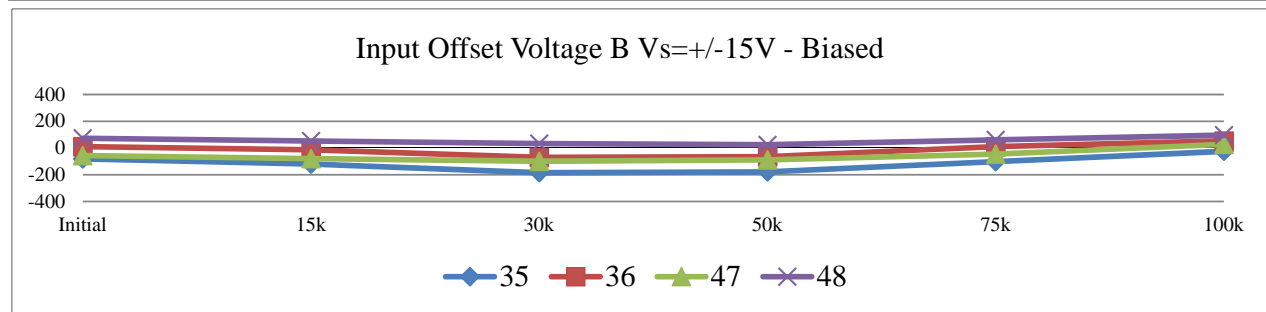
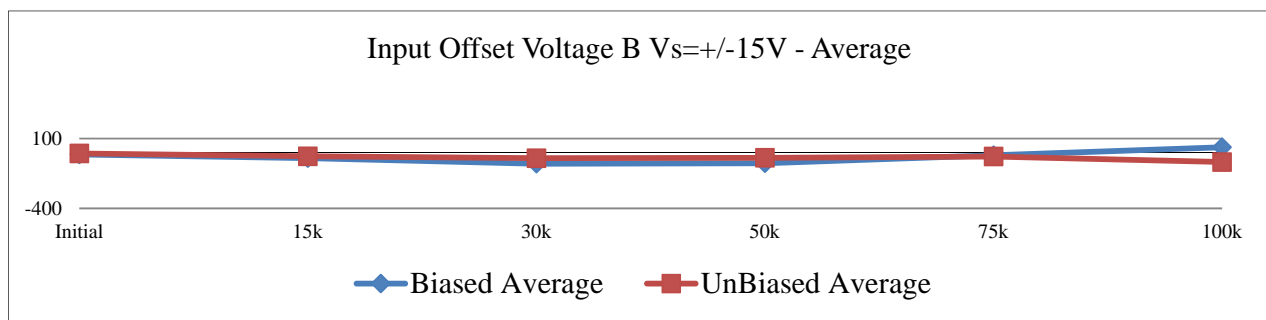
T#50		Vol(B) Vs=+-15.0V RL=2k						V
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-14.92876	-14.92874	-14.92889	-14.92839	-14.9287	-14.92824	>-14.85
	57	-14.92827	-14.92824	-14.92839	-14.92798	-14.92783	-14.92763	
Biased	35	-14.92886	-14.92827	-14.92859	-14.92815	-14.92771	-14.92701	
	36	-14.92853	-14.92791	-14.92847	-14.92776	-14.92733	-14.92684	
	47	-14.92853	-14.92767	-14.92793	-14.92725	-14.92729	-14.92644	
	48	-14.92870	-14.92822	-14.92797	-14.92743	-14.92742	-14.92658	
	Min	-14.92886	-14.92827	-14.92859	-14.92815	-14.92771	-14.92701	
	Max	-14.92853	-14.92767	-14.92793	-14.92725	-14.92729	-14.92644	
	Average	-14.92866	-14.92802	-14.92824	-14.92765	-14.92744	-14.92672	
UnBiased	37	-14.92842	-14.92777	-14.92817	-14.92736	-14.92730	-14.92659	
	38	-14.92846	-14.92799	-14.92810	-14.92752	-14.92736	-14.92657	
	49	-14.92887	-14.92830	-14.92834	-14.92774	-14.92732	-14.92684	
	50	-14.92879	-14.92846	-14.92831	-14.92776	-14.92783	-14.92692	
	Min	-14.92887	-14.92846	-14.92834	-14.92776	-14.92783	-14.92692	
	Max	-14.92842	-14.92777	-14.92810	-14.92736	-14.92730	-14.92657	
	Average	-14.92864	-14.92813	-14.92823	-14.92760	-14.92745	-14.92673	



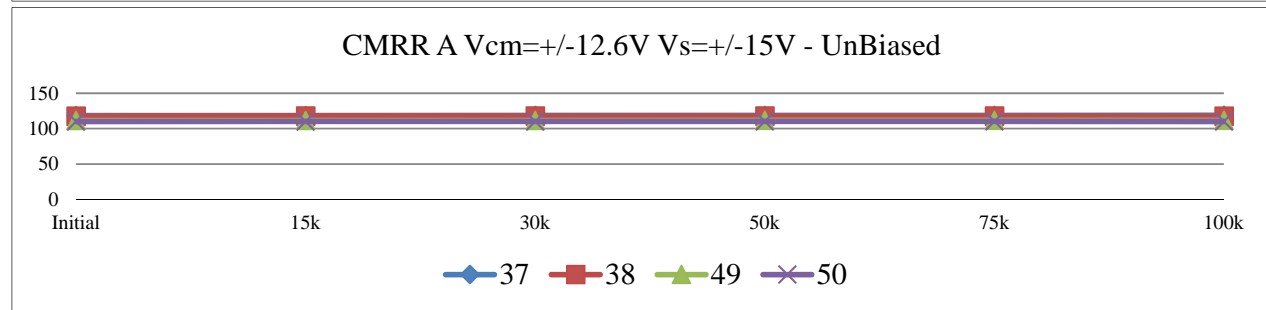
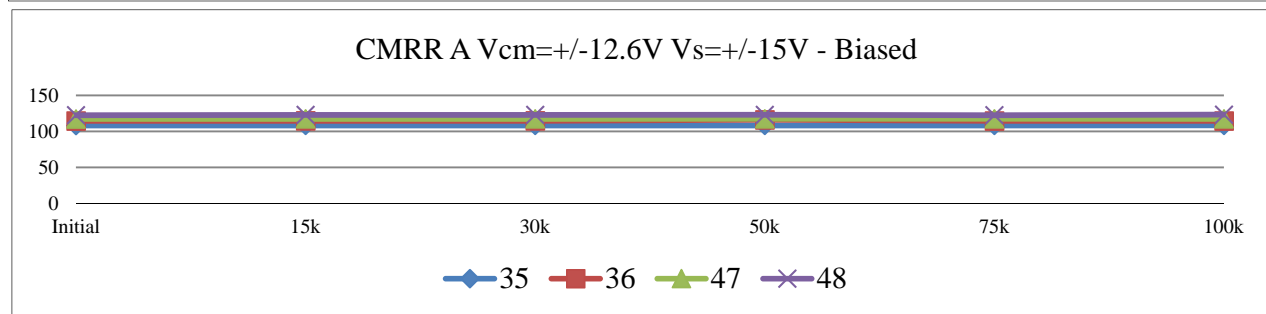
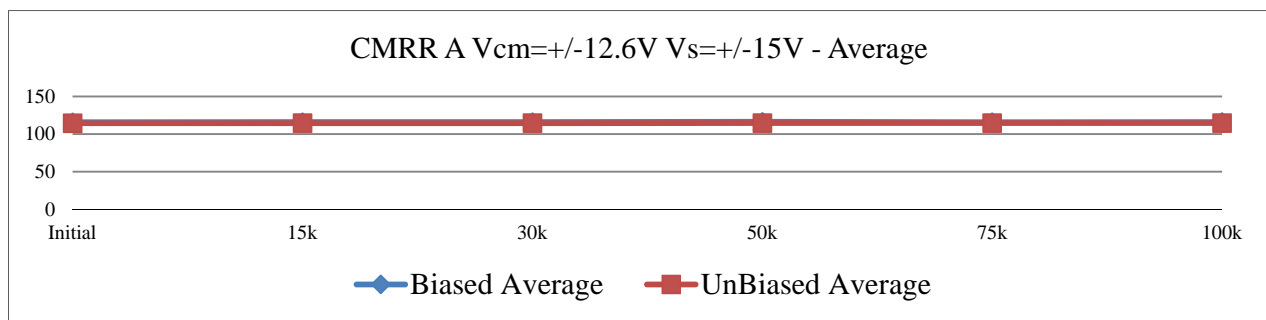
T#51		Vos(A) Vs=+-15.0V						uV
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-95.11449	-93.34617	-96.2202	-29.46284	-93.32447	-94.10757	+/-400
	57	-21.14364	-20.30192	-21.32295	-24.08927	-24.76917	-25.99611	
Biased	35	-56.58054	-80.03489	-109.73537	-88.14409	-16.70884	68.37762	
	36	-37.61566	-60.69968	-114.04693	-103.10468	-49.13668	10.00046	
	47	-26.09959	-39.42387	-62.68789	-44.09739	-22.86193	65.49773	
	48	2.36360	-3.94321	-9.01285	4.78072	46.38074	115.02959	
	Min	-56.58054	-80.03489	-114.04693	-103.10468	-49.13668	10.00046	
	Max	2.36360	-3.94321	-9.01285	4.78072	46.38074	115.02959	
	Average	-29.48305	-46.02541	-73.87076	-57.64136	-10.58168	64.72635	
UnBiased	37	14.08365	21.63509	8.71962	17.32265	8.27741	-3.88502	
	38	-13.33084	-32.36881	-37.66130	-48.29035	-49.88939	-25.19882	
	49	-106.16332	-128.19761	-157.92092	-133.29387	-149.96105	-203.02899	
	50	-28.11896	-59.49022	-82.04982	-84.95483	-27.97345	-150.68946	
	Min	-106.16332	-128.19761	-157.92092	-133.29387	-149.96105	-203.02899	
	Max	14.08365	21.63509	8.71962	17.32265	8.27741	-3.88502	
	Average	-33.38237	-49.60539	-67.22811	-62.30410	-54.88662	-95.70057	



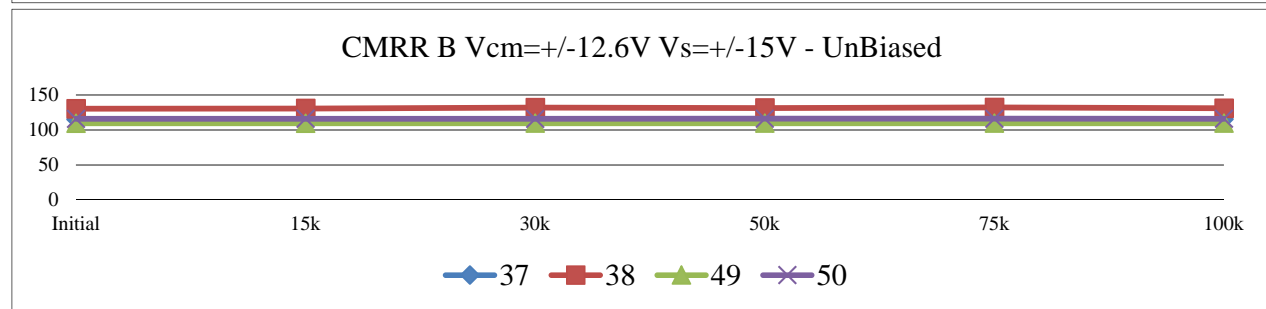
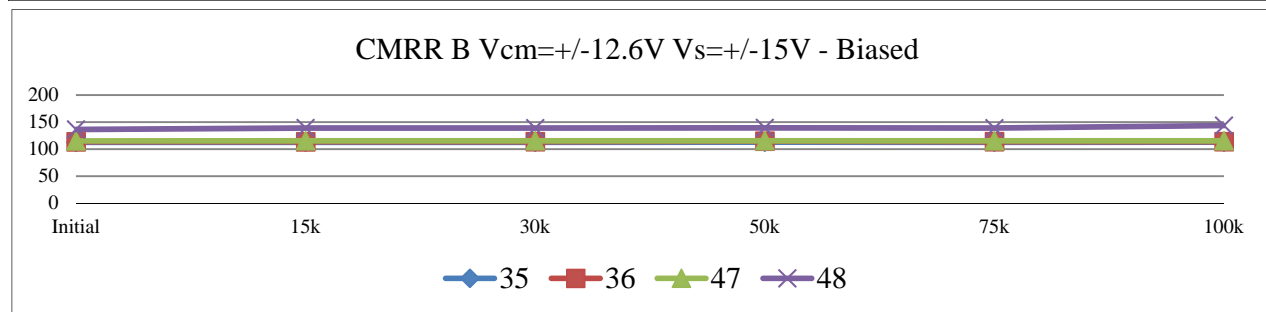
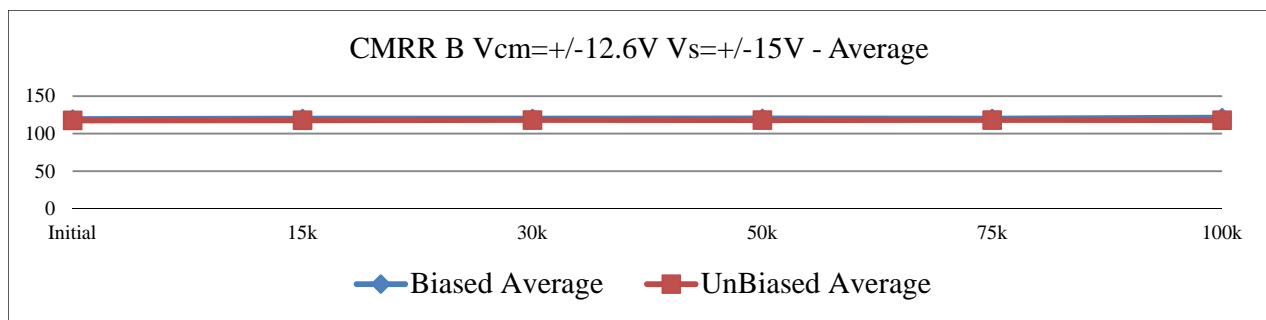
T#52		Vos(B) Vs=+-15.0V						uV
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-63.55273	-62.58752	-64.76667	-49.69714	-62.5799	-66.93735	+/-400
	57	-61.64496	-63.03934	-61.75640	-63.85351	-63.37101	-66.91032	
Biased	35	-81.96576	-119.84675	-185.00104	-178.11685	-102.00867	-24.70326	
	36	10.26846	-13.67284	-70.05264	-64.92231	10.13108	52.86068	
	47	-56.17092	-79.00454	-99.31277	-88.61825	-45.76056	27.09423	
	48	73.07211	52.62761	33.47657	23.84719	60.59946	96.12743	
	Min	-81.96576	-119.84675	-185.00104	-178.11685	-102.00867	-24.70326	
	Max	73.07211	52.62761	33.47657	23.84719	60.59946	96.12743	
	Average	-13.69903	-39.97413	-80.22247	-76.95256	-19.25967	37.84477	
UnBiased	37	-38.61712	-70.69215	-61.88990	-108.05094	-59.12904	-86.36194	
	38	-11.31804	-21.84763	-47.52629	-45.68974	-61.02476	-84.38669	
	49	-80.73111	-110.55230	-141.41094	-93.23734	-118.24368	-178.12442	
	50	104.68464	95.96418	88.29562	94.91494	123.50110	76.98404	
	Min	-80.73111	-110.55230	-141.41094	-108.05094	-118.24368	-178.12442	
	Max	104.68464	95.96418	88.29562	94.91494	123.50110	76.98404	
	Average	-6.49541	-26.78198	-40.63288	-38.01577	-28.72410	-67.97225	



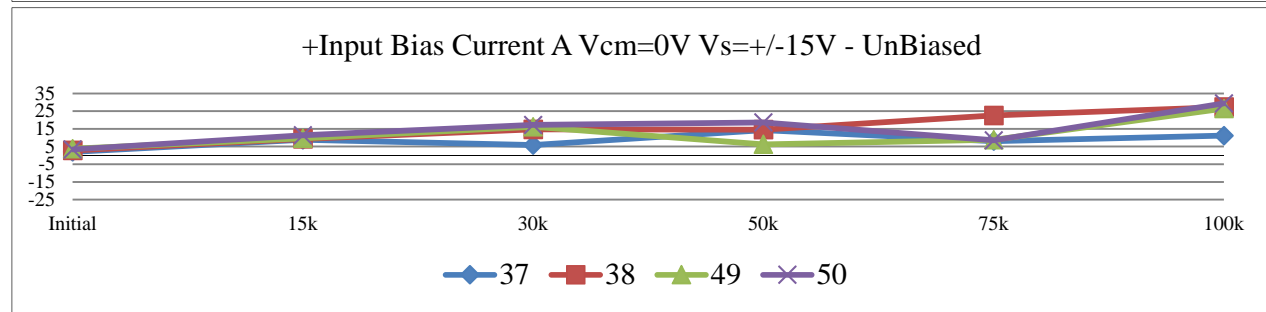
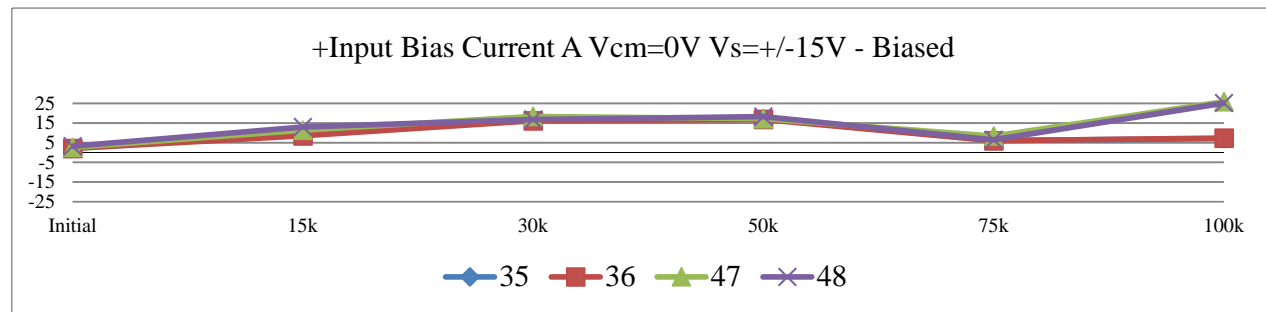
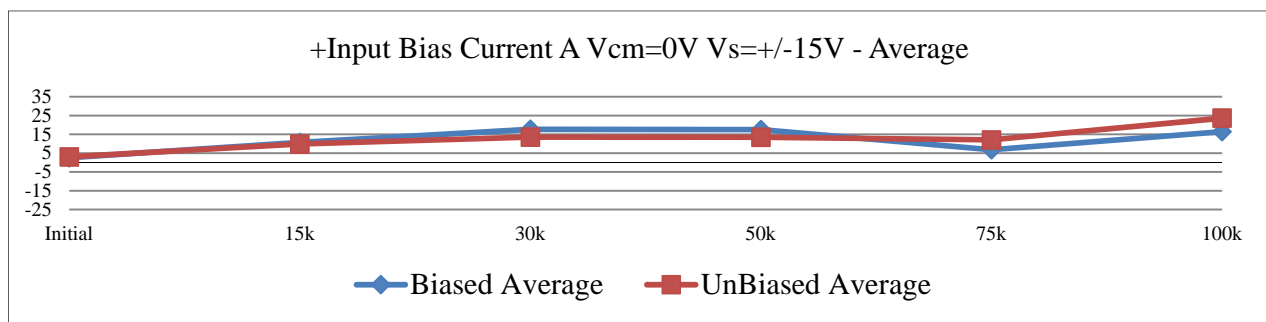
T#53		CMRR(A) Vcm=+-12.6 Vs=+-15V						dB
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	118.02522	118.17897	118.08698	115.53542	118.06901	118.23421	>100
	57	109.55830	109.49430	109.52985	109.53880	109.48923	109.51682	
Biased	35	108.23200	108.26680	108.24758	108.26254	108.24231	108.37971	
	36	114.57330	114.73467	114.79958	116.16592	114.66583	114.63729	
	47	117.32429	117.34248	117.41606	117.52030	117.56113	117.38506	
	48	122.47998	122.90672	123.02287	123.07000	122.57194	123.31253	
	Min	108.23200	108.26680	108.24758	108.26254	108.24231	108.37971	
	Max	122.47998	122.90672	123.02287	123.07000	122.57194	123.31253	
	Average	115.65239	115.81267	115.87152	116.25469	115.76030	115.92865	
UnBiased	37	118.34234	118.47938	118.58609	118.66116	118.61546	118.84550	
	38	117.46257	117.79076	117.64278	117.78413	117.67477	117.57516	
	49	111.35519	111.38290	111.45078	111.55665	111.59604	111.61602	
	50	110.10130	110.13428	110.13203	110.20064	110.21185	110.07579	
	Min	110.10130	110.13428	110.13203	110.20064	110.21185	110.07579	
	Max	118.34234	118.47938	118.58609	118.66116	118.61546	118.84550	
	Average	114.31535	114.44683	114.45292	114.55065	114.52453	114.52812	



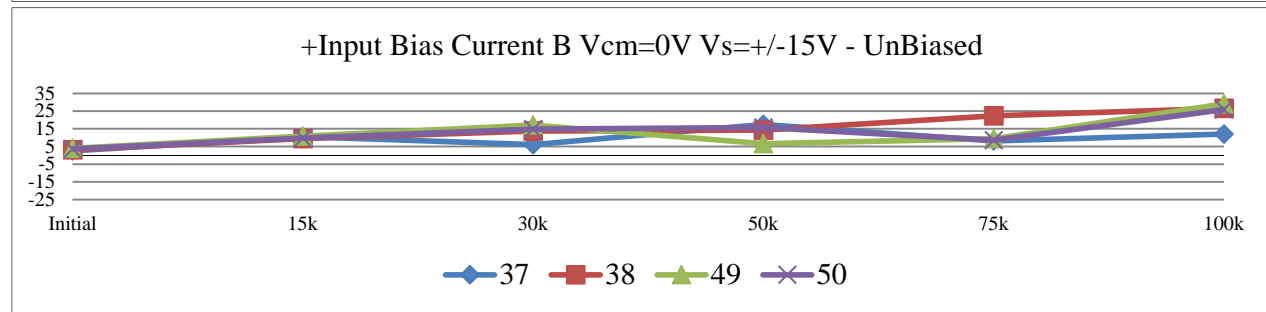
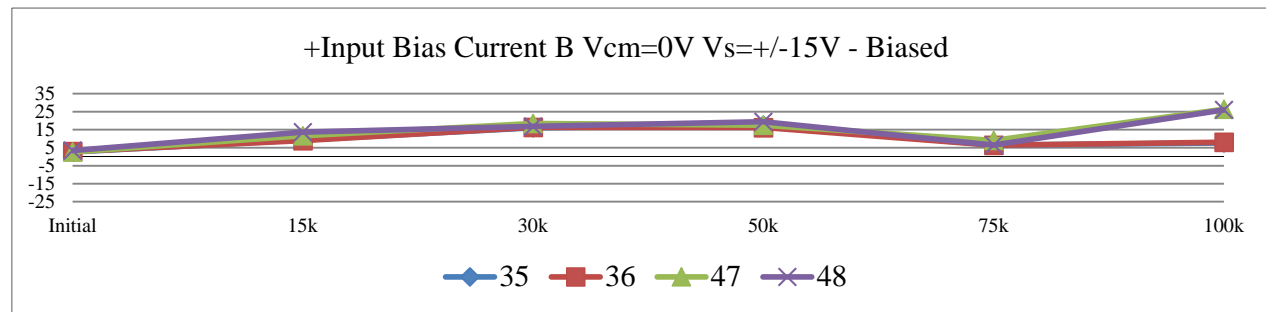
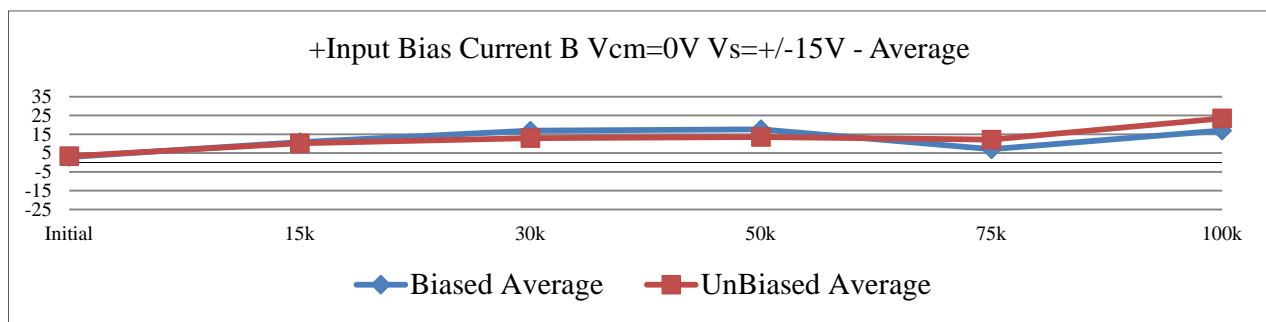
T#54		CMRR(B) Vcm=+-12.6 Vs=+-15V						dB
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	114.64516	114.59827	114.62463	117.94195	114.61237	114.563	>100
	57	110.93409	110.96044	110.92876	110.94691	110.96502	110.93113	
Biased	35	112.61362	112.71605	112.68262	112.75764	112.70910	112.79903	
	36	113.69350	113.76968	113.92646	114.77219	113.87348	113.83206	
	47	115.10809	115.35073	115.36677	115.33056	115.36942	115.34627	
	48	136.38445	139.05939	138.91647	139.33653	138.92244	143.56433	
	Min	112.61362	112.71605	112.68262	112.75764	112.70910	112.79903	
	Max	136.38445	139.05939	138.91647	139.33653	138.92244	143.56433	
	Average	119.44992	120.22396	120.22308	120.54923	120.21861	121.38542	
UnBiased	37	115.09382	115.30540	115.52418	115.34334	114.90298	115.40012	
	38	130.23293	130.50932	131.84610	131.21201	132.06738	130.92004	
	49	109.37002	109.43301	109.54951	109.51544	109.55598	109.53564	
	50	115.88141	116.02911	115.87651	116.03410	116.06052	116.01855	
	Min	109.37002	109.43301	109.54951	109.51544	109.55598	109.53564	
	Max	130.23293	130.50932	131.84610	131.21201	132.06738	130.92004	
	Average	117.64455	117.81921	118.19908	118.02622	118.14672	117.96859	



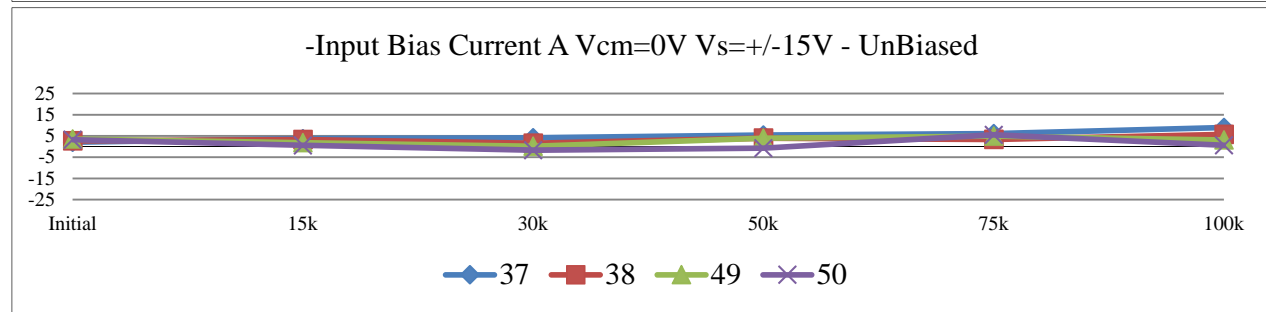
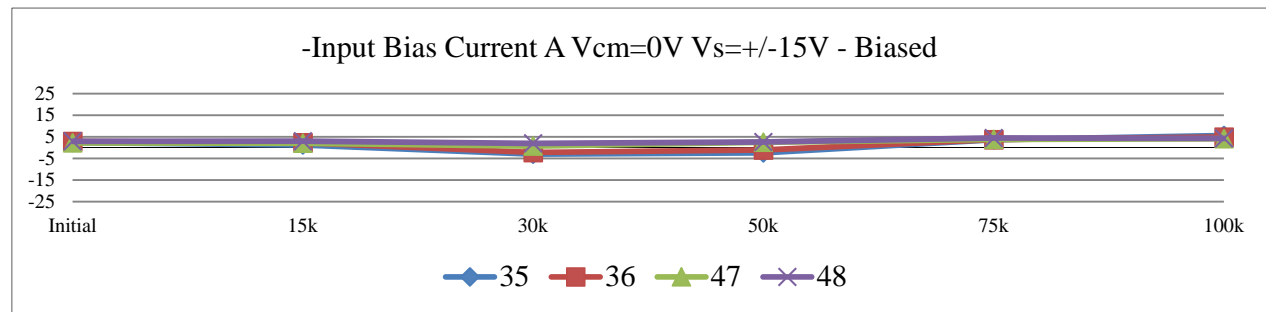
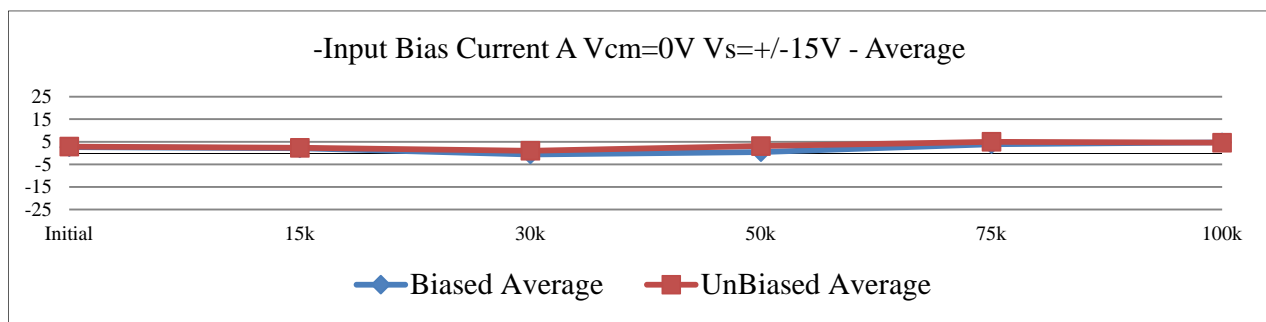
T#55		+Ib(A) Vs=+-15.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.42237	2.74024	2.41432	2.10378	2.32302	2.59534	+/-25
	57	2.30761	2.03992	2.10238	2.11692	1.86093	2.48350	
Biased	35	2.21129	9.72898	16.97014	17.29241	6.20146	7.11380	
	36	2.10290	8.56509	16.19618	16.90827	6.02555	7.43685	
	47	2.59839	11.37691	18.39987	17.25689	8.35321	25.89101	
	48	3.23997	13.00309	16.84307	18.32472	6.49858	25.19075	
	Min	2.10290	8.56509	16.84307	16.90827	6.02555	7.11380	
	Max	3.23997	13.00309	18.39987	18.32472	8.35321	25.89101	
	Average	2.53814	10.66852	17.62147	17.44557	6.76970	16.40810	
UnBiased	37	1.97393	8.80796	5.81133	14.28176	8.05873	11.18072	
	38	2.80197	9.32574	14.70758	14.56739	22.53948	27.33544	
	49	3.75240	9.62946	16.15595	6.24972	8.80492	26.40393	
	50	3.39016	11.38005	17.24038	18.62304	8.56780	29.37271	
	Min	1.97393	8.80796	5.81133	6.24972	8.05873	11.18072	
	Max	3.75240	11.38005	17.24038	18.62304	22.53948	29.37271	
	Average	2.97962	9.78580	13.47881	13.43048	11.99273	23.57320	



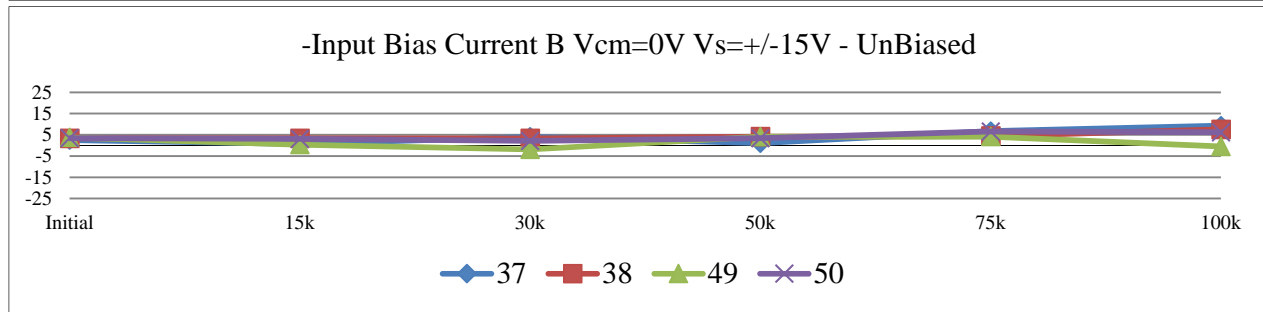
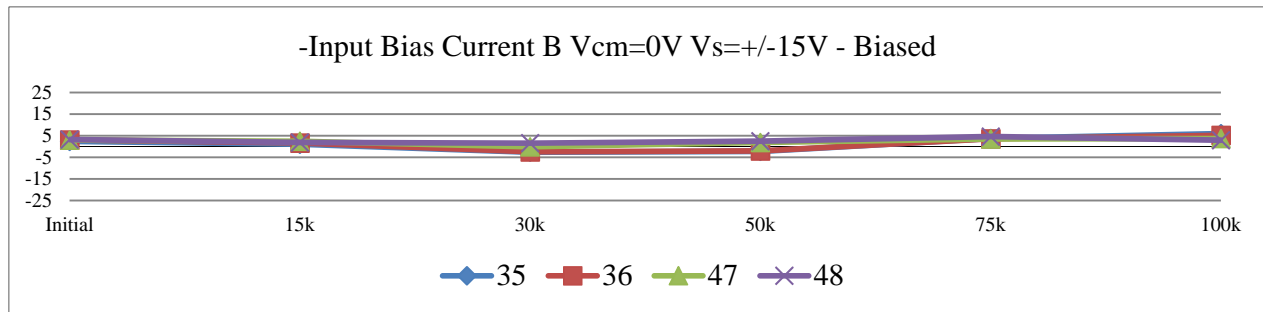
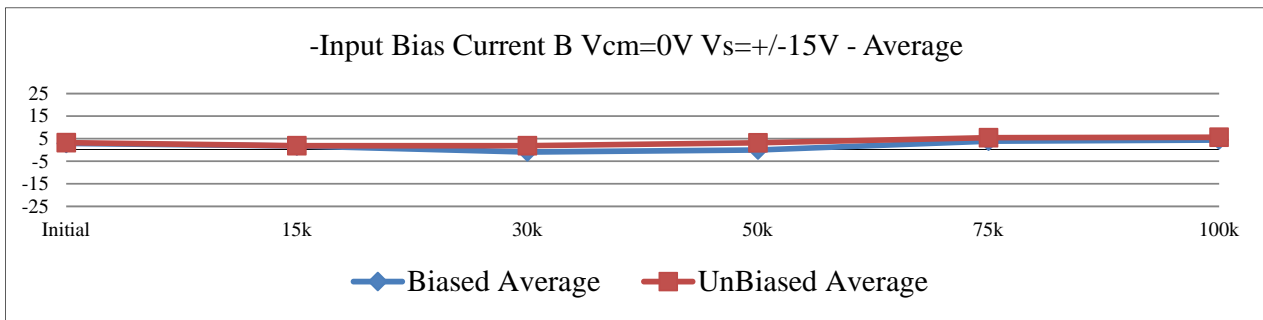
T#56		+Ib(B) Vs=+-15.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	3.08373	2.81913	2.58524	2.42843	2.87659	3.38853	+/-25
	57	2.85390	2.62579	2.52396	2.50007	2.55704	3.21582	
Biased	35	2.62246	9.28852	16.01257	17.43850	6.45347	7.55787	
	36	2.89845	8.90869	16.34071	16.16330	6.37725	8.04133	
	47	2.64387	11.56643	18.45169	17.44764	9.01019	26.34605	
	48	3.42411	13.60541	16.78156	19.42117	6.40516	26.00248	
	Min	2.62246	8.90869	16.01257	16.16330	6.37725	7.55787	
	Max	3.42411	13.60541	18.45169	19.42117	9.01019	26.34605	
	Average	2.89722	10.84226	16.89663	17.61765	7.06152	16.98693	
UnBiased	37	2.55847	10.63621	6.08579	17.46345	8.17420	12.08523	
	38	3.17618	9.48760	13.75921	14.28738	22.32852	26.61063	
	49	4.01859	10.87008	17.14752	6.59816	9.41227	29.14475	
	50	3.65776	9.81215	14.85321	15.78720	8.65459	25.89592	
	Min	2.55847	9.48760	6.08579	6.59816	8.17420	12.08523	
	Max	4.01859	10.87008	17.14752	17.46345	22.32852	29.14475	
	Average	3.35275	10.20151	12.96143	13.53405	12.14240	23.43413	



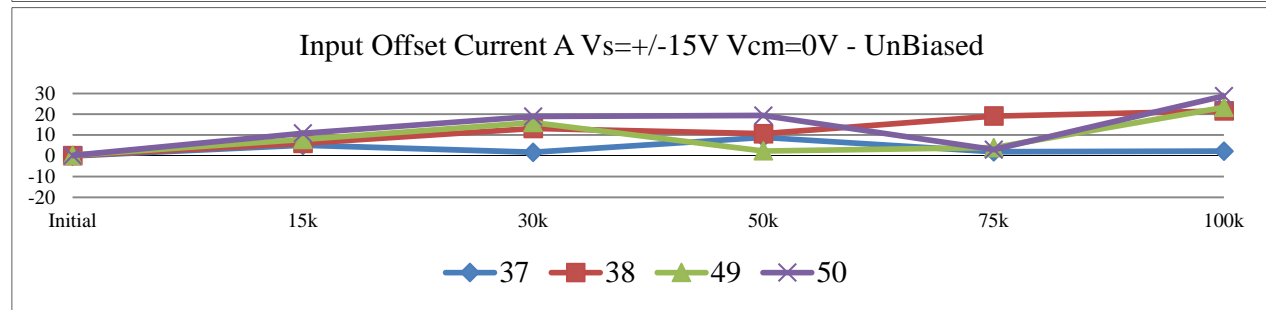
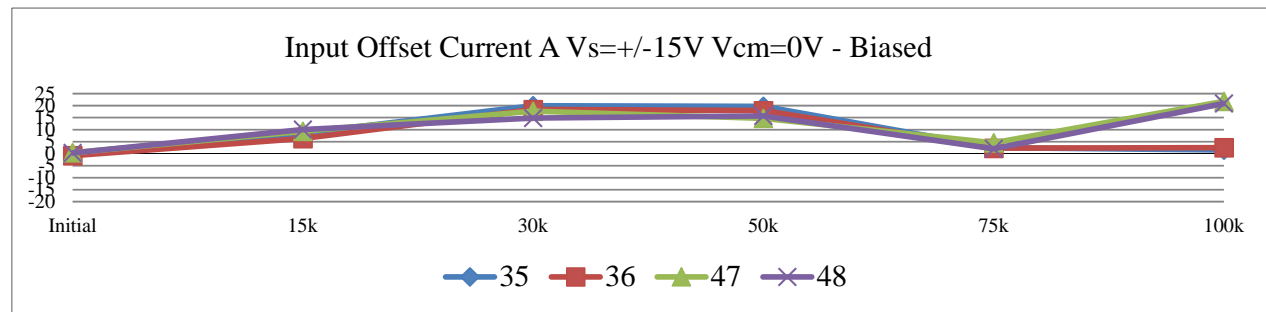
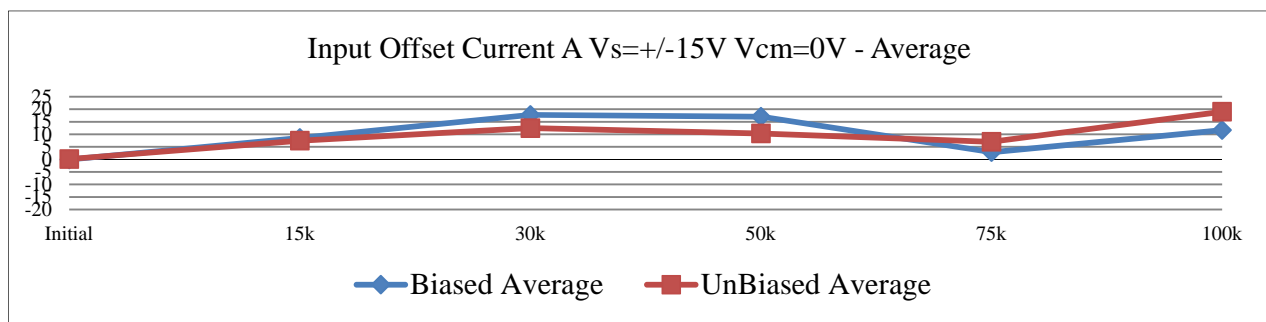
T#57		-Ib(A) Vs=+-15.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.8595	2.84512	2.60932	2.64618	2.54414	2.82299	+/-25
	57	2.41022	2.56741	2.39900	3.08624	2.08468	2.38589	
Biased	35	2.35344	1.24271	-2.98634	-2.39357	3.67153	5.63398	
	36	2.89225	2.28670	-2.19648	-1.02125	3.74593	4.91534	
	47	2.22659	2.05206	0.73590	2.52882	3.83372	4.12841	
	48	2.94182	2.99109	1.98213	2.63947	4.46848	4.27782	
	Min	2.22659	1.24271	-2.98634	-2.39357	3.67153	4.12841	
	Max	2.94182	2.99109	1.98213	2.63947	4.46848	5.63398	
	Average	2.60353	2.14314	-0.61620	0.43837	3.92992	4.73889	
UnBiased	37	2.04607	3.72519	4.11569	5.41875	6.10603	8.96324	
	38	2.72294	3.30228	1.55153	3.96537	3.41066	5.71594	
	49	3.50534	1.80334	0.15706	3.89514	4.89743	3.06084	
	50	3.20306	0.55343	-1.71324	-0.77926	5.53330	0.61598	
	Min	2.04607	0.55343	-1.71324	-0.77926	3.41066	0.61598	
	Max	3.50534	3.72519	4.11569	5.41875	6.10603	8.96324	
	Average	2.86935	2.34606	1.02776	3.12500	4.98686	4.58900	



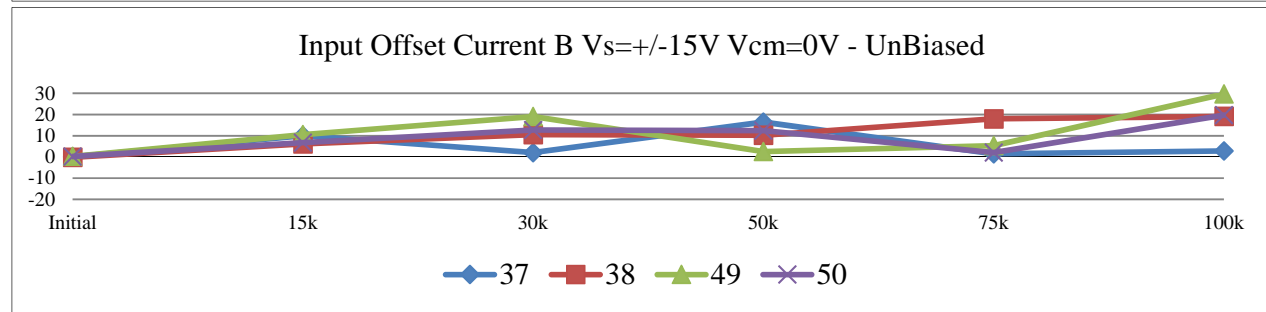
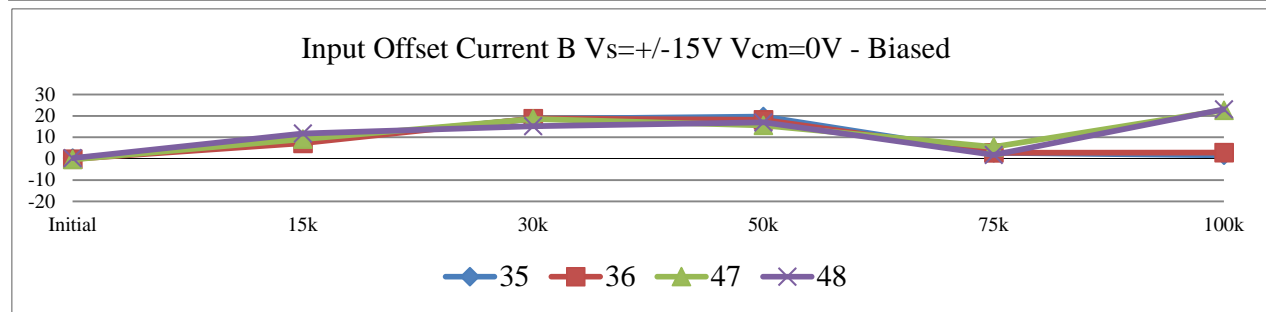
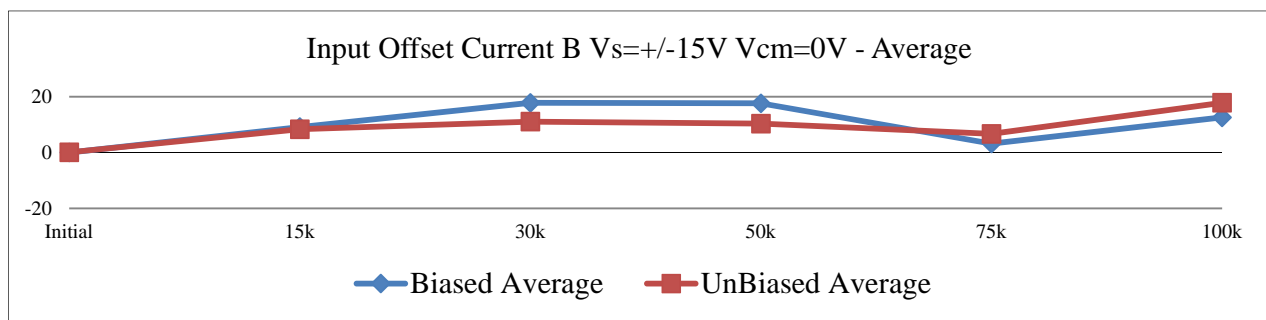
T#58		-Ib(B) Vs=+-15.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.80667	2.55947	2.64622	2.73404	2.24414	2.72436	+/-25
	57	2.89669	2.62333	2.41720	3.39379	2.04663	2.98679	
Biased	35	2.37065	1.03936	-2.60530	-2.24040	3.70733	5.95198	
	36	3.06386	1.65185	-2.42409	-2.01962	3.57404	5.17219	
	47	3.00859	2.43057	-0.13323	1.86934	3.52187	3.68604	
	48	3.18009	1.85064	1.56248	2.44118	4.63889	2.91602	
	Min	2.37065	1.03936	-2.60530	-2.24040	3.52187	2.91602	
	Max	3.18009	2.43057	1.56248	2.44118	4.63889	5.95198	
	Average	2.90580	1.74311	-0.90004	0.01262	3.86053	4.43156	
UnBiased	37	2.52914	0.69716	4.06459	1.05971	6.73882	9.27975	
	38	3.33718	3.33878	3.28007	4.12270	4.41026	7.55264	
	49	3.75413	0.34545	-1.87609	4.11791	4.12072	-0.51107	
	50	3.45356	3.09432	2.14245	3.41716	6.58012	6.17869	
	Min	2.52914	0.34545	-1.87609	1.05971	4.12072	-0.51107	
	Max	3.75413	3.33878	4.06459	4.12270	6.73882	9.27975	
	Average	3.26850	1.86893	1.90276	3.17937	5.46248	5.62500	



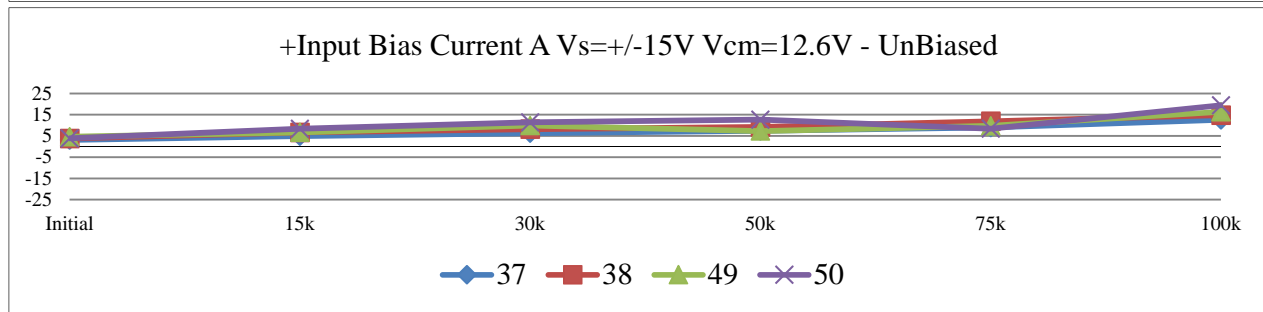
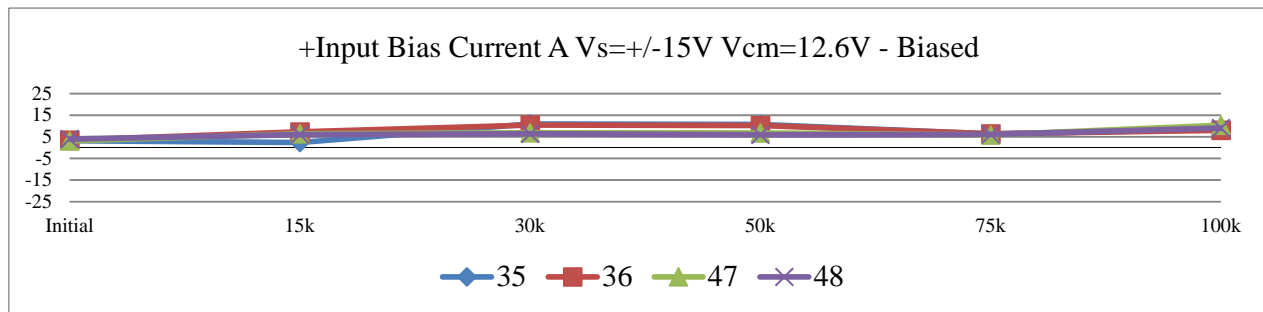
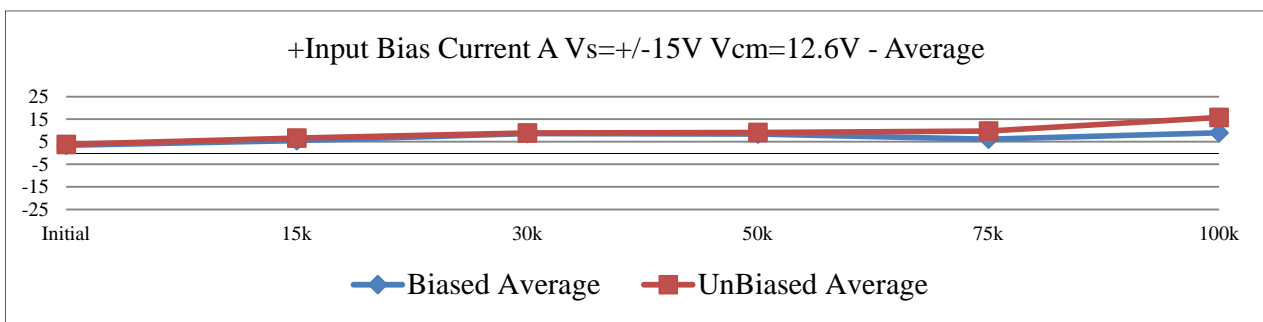
T#59		Ios(A) Vs=+-15.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-0.43712	-0.10488	-0.19501	-0.54239	-0.22112	-0.22765	+/-20
	57	-0.10261	-0.52750	-0.29662	-0.96932	-0.22375	0.09761	
Biased	35	-0.14216	8.48627	19.95648	19.68598	2.52993	1.47983	
	36	-0.78934	6.27839	18.39266	17.92952	2.27962	2.52150	
	47	0.37181	9.32485	17.66397	14.72807	4.51949	21.76260	
	48	0.29814	10.01201	14.86094	15.68526	2.03010	20.91294	
	Min	-0.78934	6.27839	14.86094	14.72807	2.03010	1.47983	
	Max	0.37181	10.01201	19.95648	19.68598	4.51949	21.76260	
	Average	-0.06539	8.52538	17.71851	17.00721	2.83979	11.66922	
UnBiased	37	-0.07215	5.08276	1.69563	8.86300	1.95270	2.21748	
	38	0.07903	6.02346	13.15605	10.60202	19.12882	21.61950	
	49	0.24707	7.82612	15.99888	2.35459	3.90749	23.34309	
	50	0.18709	10.82662	18.95362	19.40229	3.03449	28.75672	
	Min	-0.07215	5.08276	1.69563	2.35459	1.95270	2.21748	
	Max	0.24707	10.82662	18.95362	19.40229	19.12882	28.75672	
	Average	0.11026	7.43974	12.45105	10.30548	7.00588	18.98420	



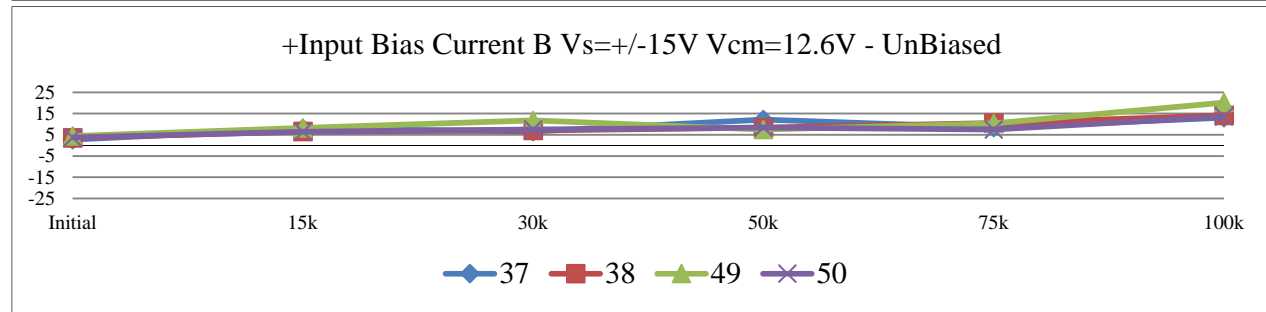
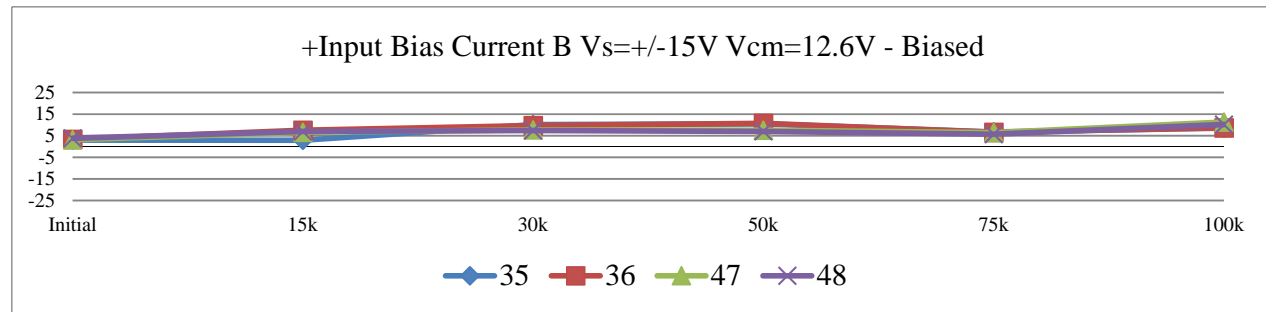
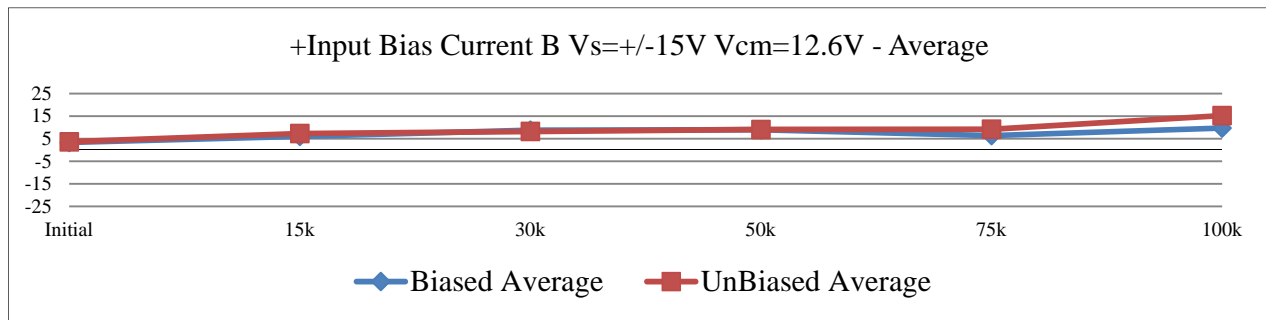
T#60		Ios(B) Vs=+-15.0V Vcm=0						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	0.27706	0.25966	-0.06097	-0.30561	0.63245	0.66417	+/-20
	57	-0.04279	0.00247	0.10676	-0.89372	0.51041	0.22903	
Biased	35	0.25181	8.24916	18.61787	19.67890	2.74614	1.60589	
	36	-0.16541	7.25684	18.76481	18.18291	2.80320	2.86914	
	47	-0.36472	9.13586	18.58493	15.57830	5.48832	22.66000	
	48	0.24402	11.75476	15.21908	16.97999	1.76627	23.08647	
	Min	-0.36472	7.25684	15.21908	15.57830	1.76627	1.60589	
	Max	0.25181	11.75476	18.76481	19.67890	5.48832	23.08647	
	Average	-0.00858	9.09916	17.79667	17.60503	3.20098	12.55538	
UnBiased	37	0.02932	9.93904	2.02120	16.40374	1.43538	2.80548	
	38	-0.16100	6.14882	10.47914	10.16469	17.91826	19.05799	
	49	0.26446	10.52463	19.02361	2.48026	5.29155	29.65583	
	50	0.20420	6.71784	12.71076	12.37004	2.07447	19.71723	
	Min	-0.16100	6.14882	2.02120	2.48026	1.43538	2.80548	
	Max	0.26446	10.52463	19.02361	16.40374	17.91826	29.65583	
	Average	0.08425	8.33258	11.05868	10.35468	6.67992	17.80913	



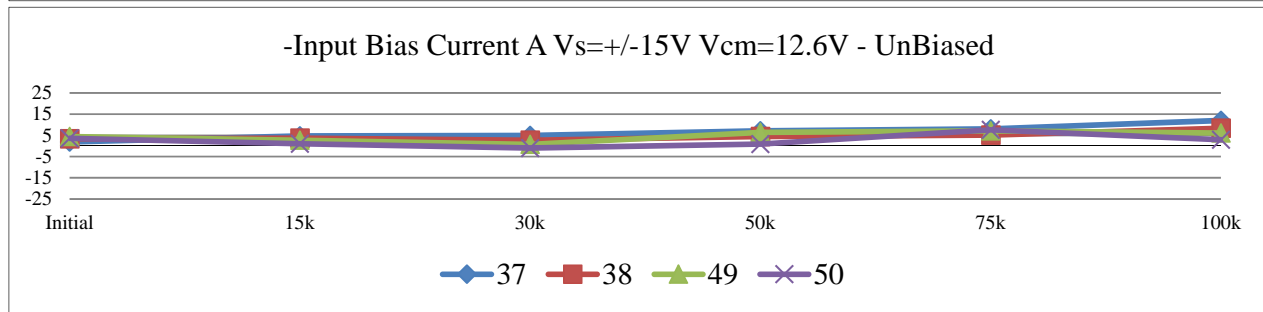
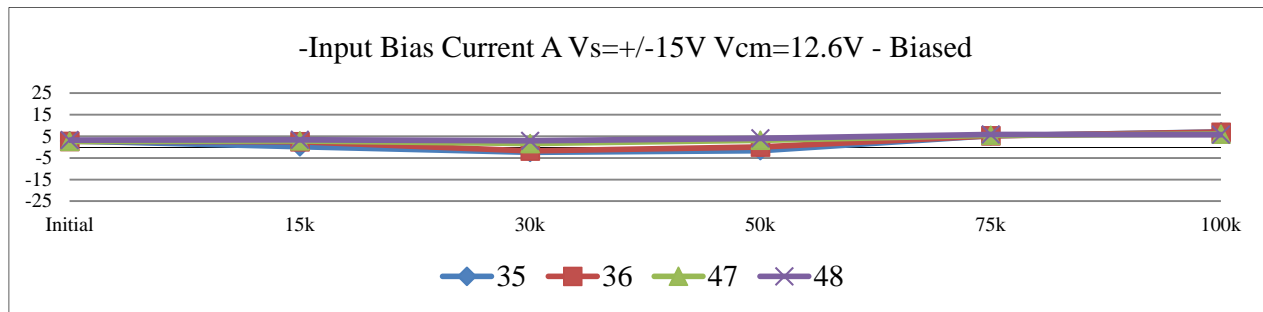
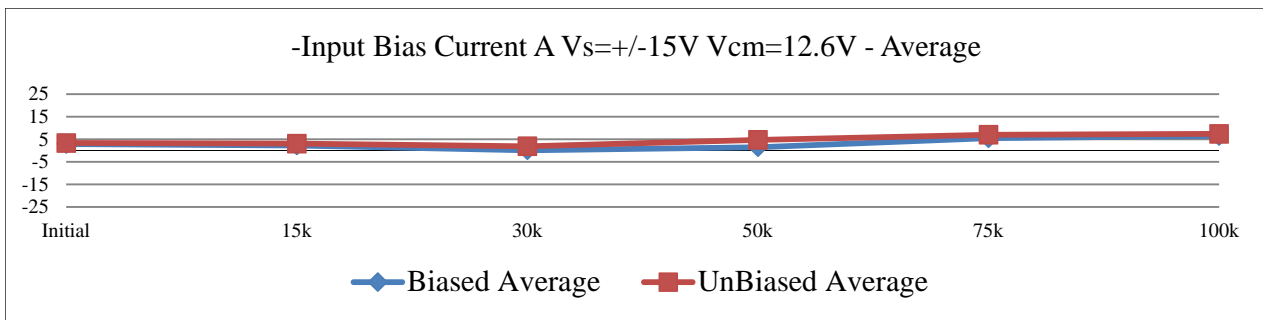
T#61		+Ib(A) Vs=+-15.0V Vcm=12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	3.38758	3.52754	3.44795	3.0344	3.62088	3.72519	+/-25
	57	3.37893	2.89485	3.38968	3.16937	3.34331	3.53057	
Biased	35	3.18796	2.39067	10.96367	10.71512	6.35461	8.49407	
	36	3.48766	7.26750	10.45356	10.24699	6.38253	8.06267	
	47	3.14301	6.42066	6.88094	6.80418	5.88570	10.35415	
	48	3.98231	6.06453	6.37147	5.95018	6.09041	9.07902	
	Min	3.14301	2.39067	6.37147	5.95018	5.88570	8.06267	
	Max	3.98231	7.26750	10.96367	10.71512	6.38253	10.35415	
	Average	3.45024	5.53584	8.66741	8.42912	6.17831	8.99748	
UnBiased	37	3.11738	4.92633	6.33447	7.41504	8.99578	12.61333	
	38	3.79201	6.64527	8.18688	9.21093	11.89604	14.78851	
	49	4.60896	6.69135	9.90503	7.27940	9.75354	16.33957	
	50	3.87037	8.39166	11.38561	12.68368	8.40258	19.41619	
	Min	3.11738	4.92633	6.33447	7.27940	8.40258	12.61333	
	Max	4.60896	8.39166	11.38561	12.68368	11.89604	19.41619	
	Average	3.84718	6.66365	8.95300	9.14726	9.76199	15.78940	



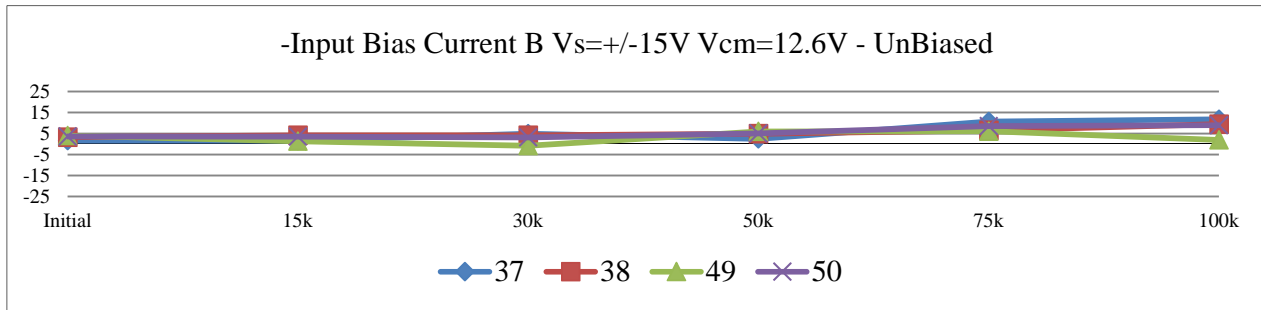
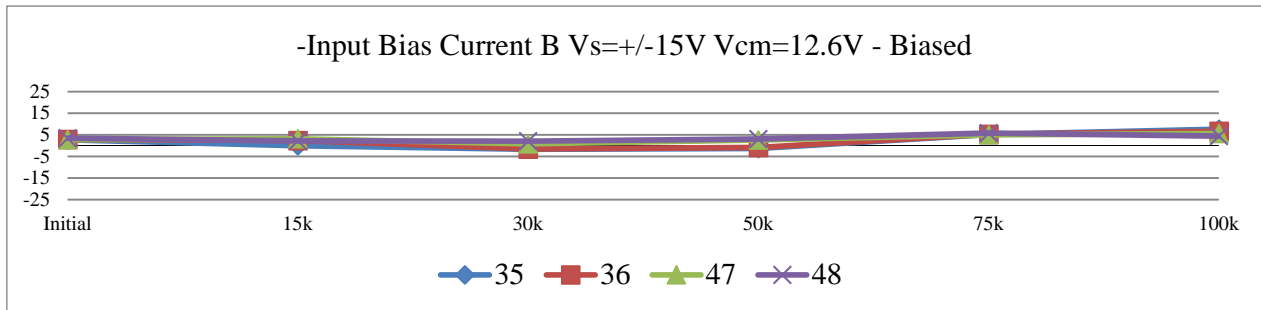
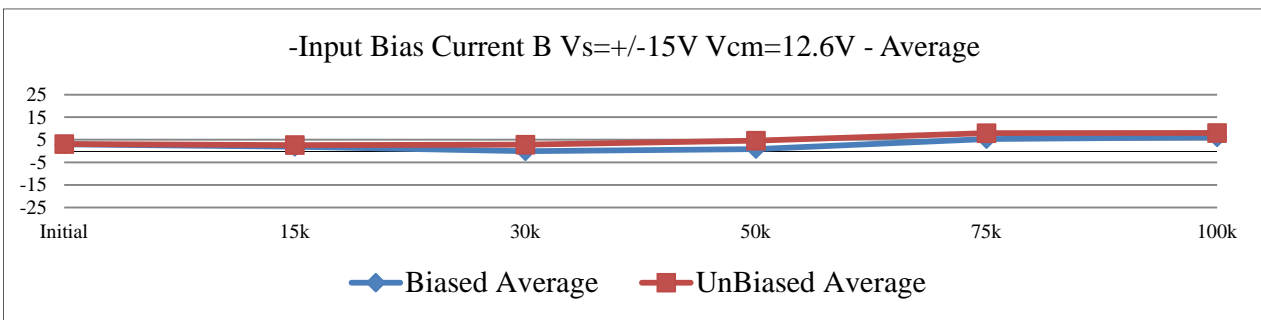
T#62		+Ib(B) Vs=+-15.0V Vcm=12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	3.17978	3.3105	3.20396	3.21477	3.78951	4.09807	+/-25
	57	3.27410	2.91255	3.28923	3.05844	3.36745	3.50849	
Biased	35	3.01460	2.90519	10.15402	10.48561	6.72803	8.52775	
	36	3.34046	7.58238	9.69881	10.73434	6.56954	8.70925	
	47	3.13168	6.59479	7.72752	7.55220	6.46525	11.34695	
	48	3.80784	6.98255	7.44019	7.01015	5.74163	10.17951	
	Min	3.01460	2.90519	7.44019	7.01015	5.74163	8.52775	
	Max	3.80784	7.58238	10.15402	10.73434	6.72803	11.34695	
	Average	3.32365	6.01623	8.75514	8.94558	6.37611	9.69087	
UnBiased	37	2.71639	7.91176	6.54066	12.13529	8.40373	13.08128	
	38	3.55169	6.58572	7.05704	8.35076	10.45833	14.16590	
	49	4.45260	8.19787	11.74539	7.44692	10.32734	20.16283	
	50	3.77230	6.42458	7.50610	8.40698	7.48980	13.55239	
	Min	2.71639	6.42458	6.54066	7.44692	7.48980	13.08128	
	Max	4.45260	8.19787	11.74539	12.13529	10.45833	20.16283	
	Average	3.62325	7.27998	8.21230	9.08499	9.16980	15.24060	



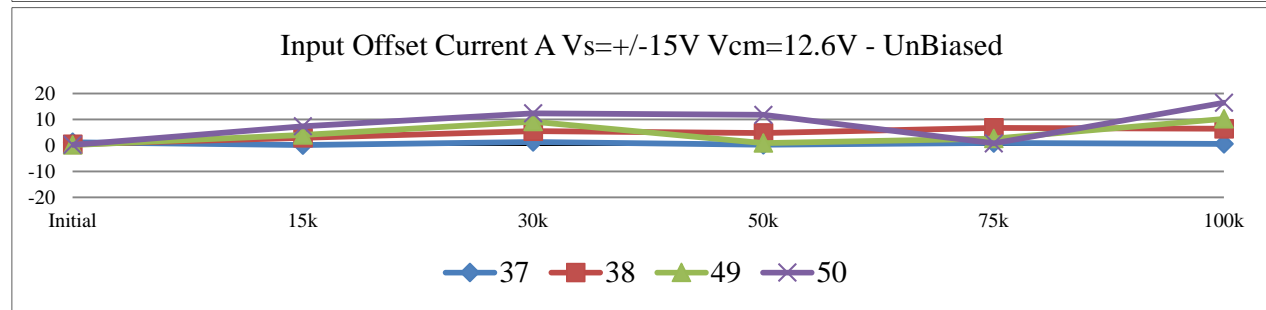
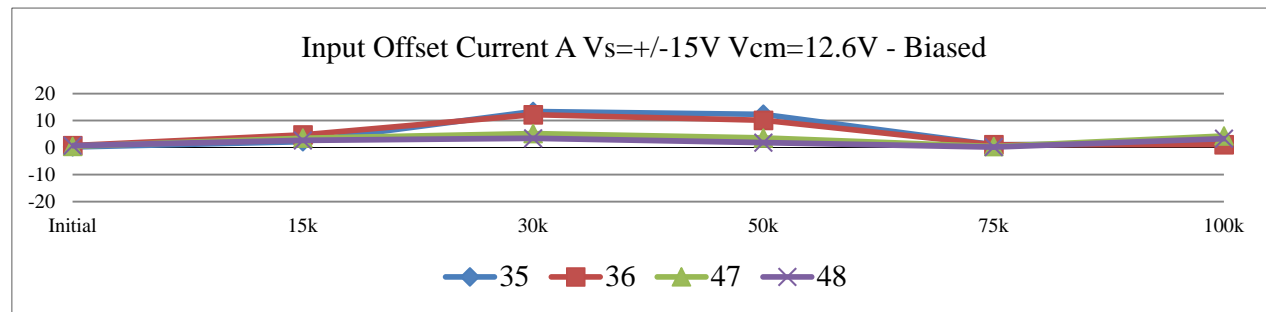
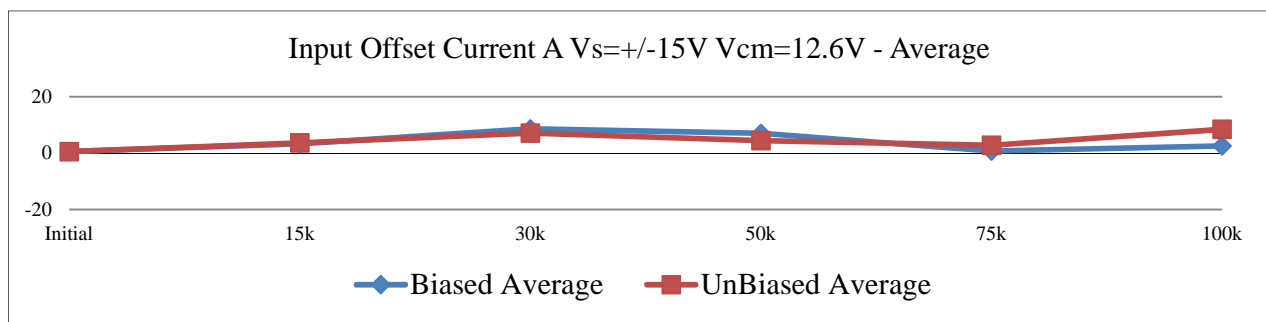
T#63		-Ib(A) Vs=+-15.0V Vcm=12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	3.37362	2.96498	2.79203	2.71374	3.02703	3.18974	+/-25
	57	2.91355	2.31334	2.77901	2.43440	2.72415	3.21950	
Biased	35	2.89789	0.19690	-2.43159	-1.64696	5.27704	7.05375	
	36	2.71288	2.50116	-1.75649	0.10253	5.26843	6.93240	
	47	2.67262	2.88421	1.65997	3.21219	5.46233	6.02246	
	48	3.23778	3.38647	2.91346	4.08730	5.85583	5.75929	
	Min	2.67262	0.19690	-2.43159	-1.64696	5.26843	5.75929	
	Max	3.23778	3.38647	2.91346	4.08730	5.85583	7.05375	
	Average	2.88029	2.24219	0.09634	1.43877	5.46591	6.44198	
UnBiased	37	1.90712	4.78058	4.99580	7.14064	8.05612	12.02594	
	38	3.36844	3.71594	2.70801	4.43294	5.13758	8.36634	
	49	4.44729	2.69396	0.75126	6.38426	7.11539	6.12222	
	50	3.65055	1.03247	-0.96024	0.91648	7.59642	2.97060	
	Min	1.90712	1.03247	-0.96024	0.91648	5.13758	2.97060	
	Max	4.44729	4.78058	4.99580	7.14064	8.05612	12.02594	
	Average	3.34335	3.05574	1.87371	4.71858	6.97638	7.37128	



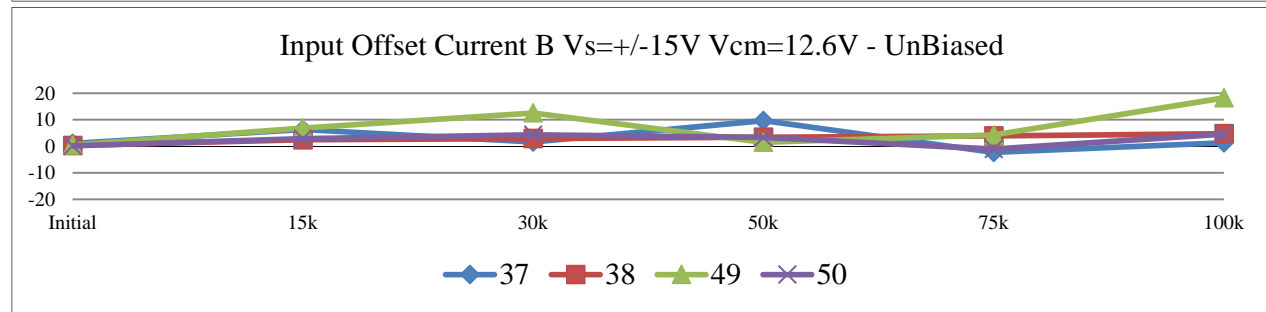
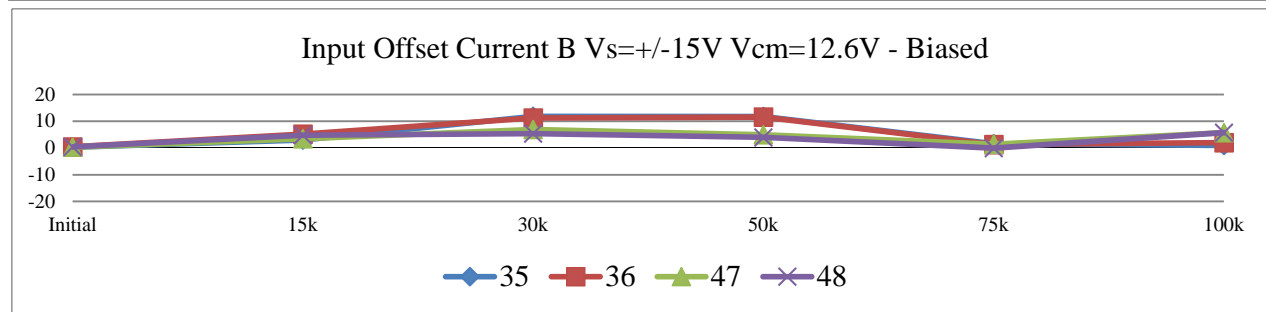
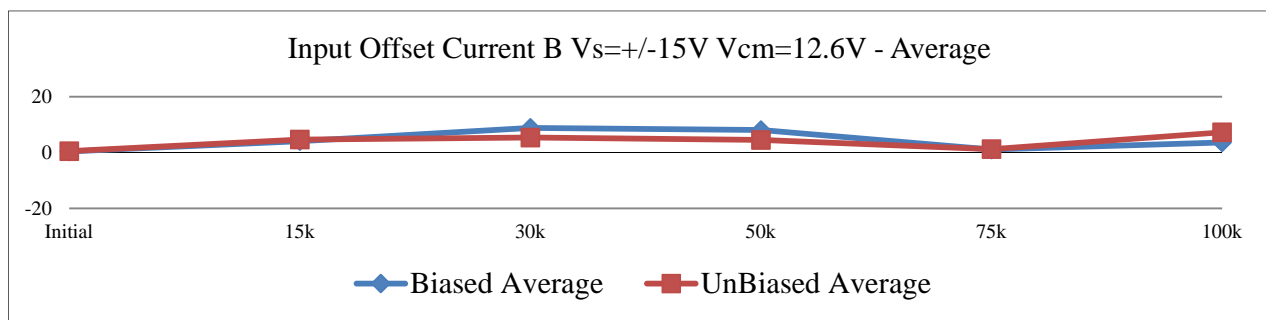
T#64		-Ib(B) Vs=+-15.0V Vcm=12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	3.42664	2.91593	2.96876	2.70986	2.86289	2.84537	+/-25
	57	2.96541	2.36087	2.69256	2.63291	2.56850	3.12636	
Biased	35	2.70171	-0.05513	-1.66078	-1.28942	5.12537	7.57639	
	36	2.92698	2.40893	-1.51777	-0.83651	5.26964	6.68243	
	47	2.81869	3.16626	0.81443	2.61282	5.02883	5.62017	
	48	3.42810	2.20473	2.09726	3.05107	5.80626	4.42974	
	Min	2.70171	-0.05513	-1.66078	-1.28942	5.02883	4.42974	
	Max	3.42810	3.16626	2.09726	3.05107	5.80626	7.57639	
	Average	2.96887	1.93120	-0.06672	0.88449	5.30753	6.07718	
UnBiased	37	1.64883	1.60101	4.92488	2.45364	10.67506	11.75830	
	38	3.25488	4.13471	4.13111	4.91959	6.51640	9.43231	
	49	3.97462	1.34300	-0.82277	5.94971	6.06637	1.92790	
	50	3.61290	3.52269	3.13607	5.03337	8.53006	8.95019	
	Min	1.64883	1.34300	-0.82277	2.45364	6.06637	1.92790	
	Max	3.97462	4.13471	4.92488	5.94971	10.67506	11.75830	
	Average	3.12281	2.65035	2.84232	4.58908	7.94697	8.01718	



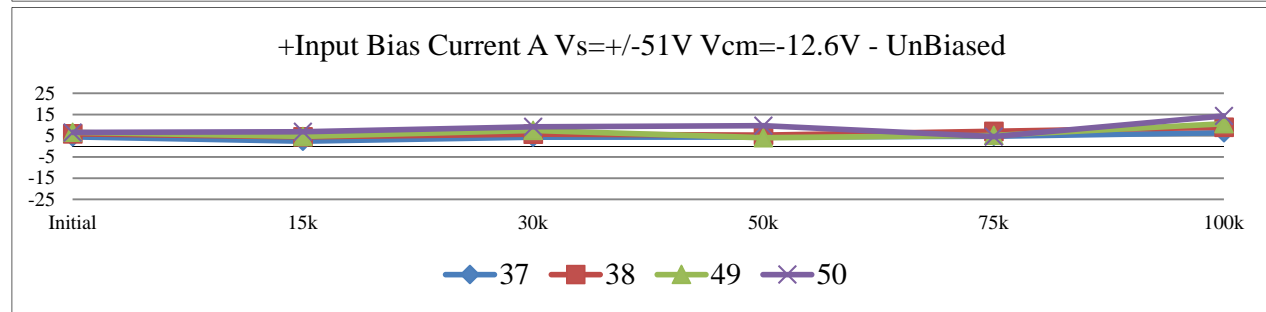
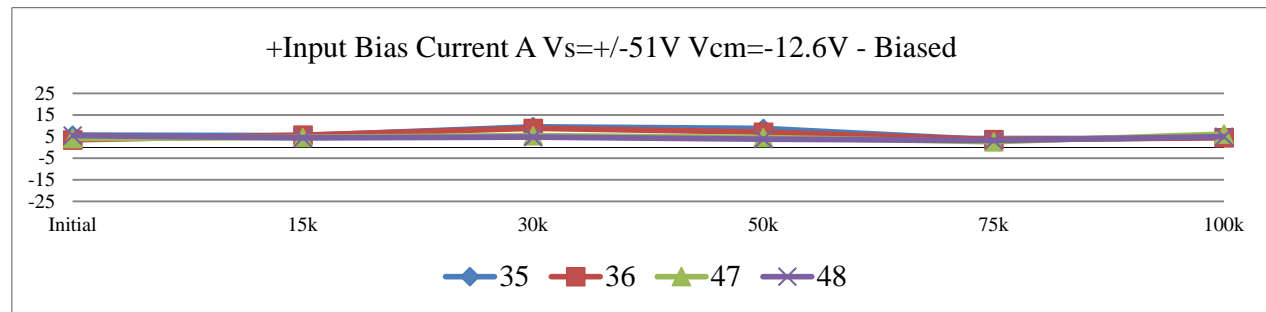
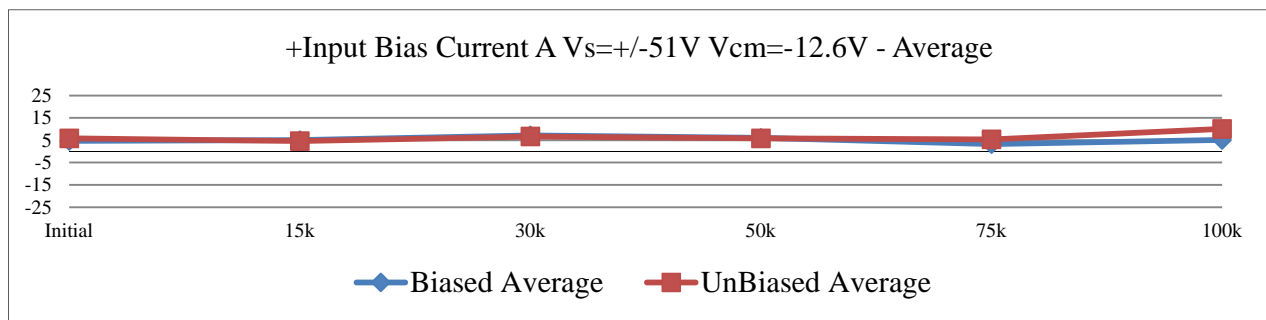
T# 65		Ios(A) Vs=+-15.0V Vcm=12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	0.01396	0.56256	0.65592	0.32066	0.59385	0.53545	+/-20
	57	0.46537	0.58152	0.61066	0.73497	0.61916	0.31108	
Biased	35	0.29008	2.19377	13.39526	12.36208	1.07757	1.44032	
	36	0.77477	4.76633	12.21004	10.14446	1.11409	1.13027	
	47	0.47039	3.53646	5.22098	3.59198	0.42337	4.33169	
	48	0.74453	2.67807	3.45801	1.86288	0.23458	3.31974	
	Min	0.29008	2.19377	3.45801	1.86288	0.23458	1.13027	
	Max	0.77477	4.76633	13.39526	12.36208	1.11409	4.33169	
	Average	0.56994	3.29366	8.57107	6.99035	0.71240	2.55551	
UnBiased	37	1.21025	0.14575	1.33867	0.27440	0.93966	0.58739	
	38	0.42357	2.92933	5.47887	4.77800	6.75846	6.42218	
	49	0.16167	3.99738	9.15377	0.89514	2.63815	10.21734	
	50	0.21982	7.35919	12.34585	11.76719	0.80616	16.44559	
	Min	0.16167	0.14575	1.33867	0.27440	0.80616	0.58739	
	Max	1.21025	7.35919	12.34585	11.76719	6.75846	16.44559	
	Average	0.50383	3.60791	7.07929	4.42868	2.78561	8.41813	



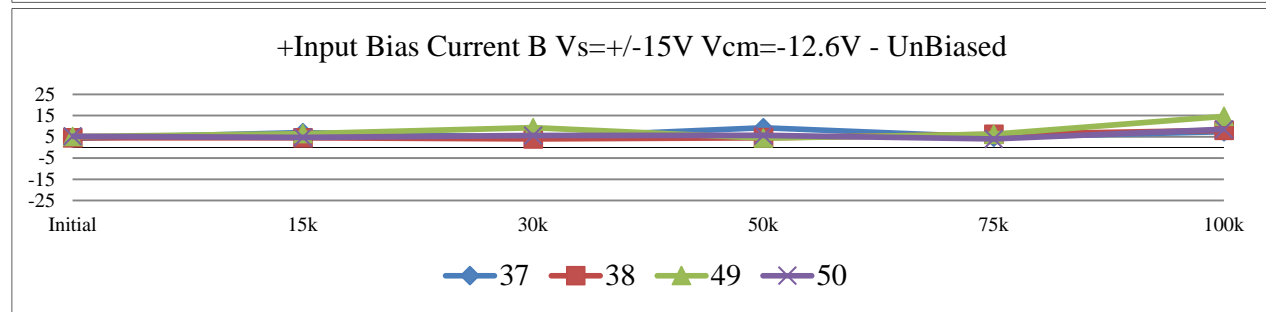
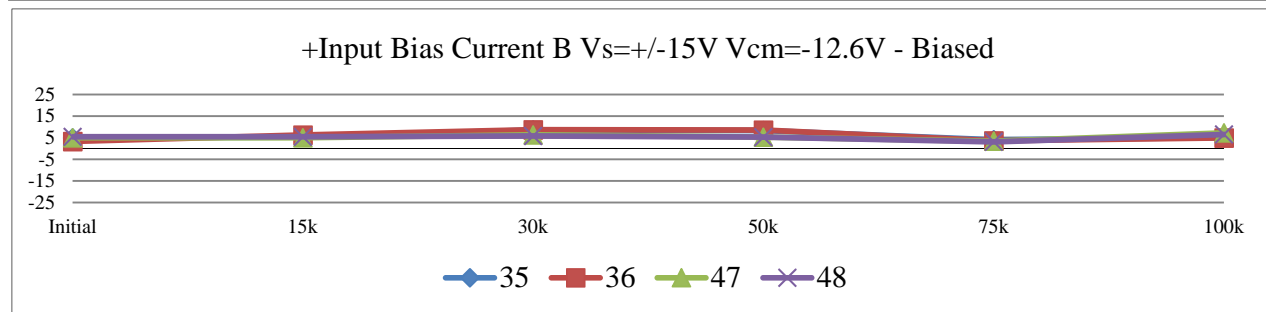
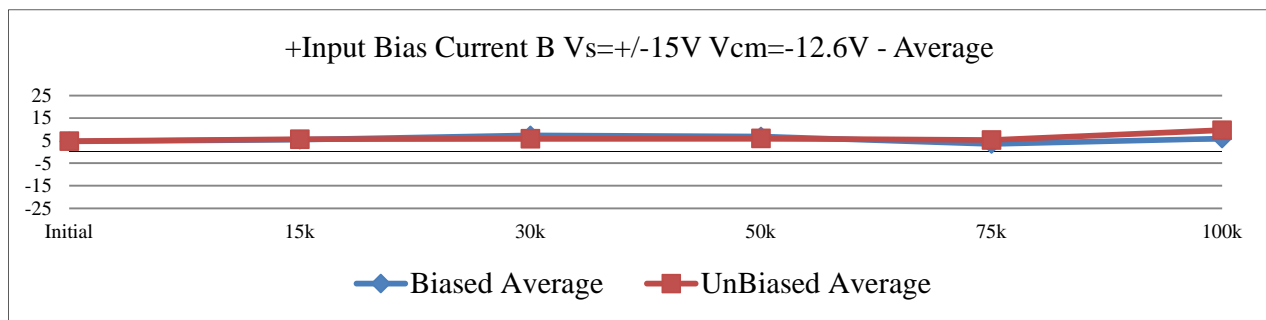
T#66		Ios(B) Vs=+-15.0V Vcm=12.6V						nA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-0.24687	0.39457	0.2352	0.50491	0.92663	1.2527	+/-20
	57	0.30869	0.55169	0.59667	0.42553	0.79895	0.38213	
Biased	35	0.31289	2.96032	11.81479	11.77504	1.60266	0.95135	
	36	0.41348	5.17345	11.21658	11.57084	1.29990	2.02682	
	47	0.31299	3.42853	6.91310	4.93938	1.43642	5.72678	
	48	0.37973	4.77781	5.34293	3.95908	-0.06463	5.74977	
	Min	0.31289	2.96032	5.34293	3.95908	-0.06463	0.95135	
	Max	0.41348	5.17345	11.81479	11.77504	1.60266	5.74977	
	Average	0.35477	4.08503	8.82185	8.06109	1.06859	3.61368	
UnBiased	37	1.06756	6.31075	1.61578	9.68165	-2.27133	1.32299	
	38	0.29682	2.45101	2.92593	3.43117	3.94194	4.73359	
	49	0.47798	6.85487	12.56816	1.49721	4.26097	18.23493	
	50	0.15940	2.90189	4.37003	3.37362	-1.04026	4.60220	
	Min	0.15940	2.45101	1.61578	1.49721	-2.27133	1.32299	
	Max	1.06756	6.85487	12.56816	9.68165	4.26097	18.23493	
	Average	0.50044	4.62963	5.36998	4.49591	1.22283	7.22343	



T#67		+Ib(A) Vs=+-15.0V Vcm=-12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.8612	2.63861	2.70912	2.73976	2.21763	2.46767	+/-25
	57	6.13813	5.06712	5.54102	5.94426	5.38733	6.13114	
Biased	35	5.66250	5.44793	9.53969	8.76637	3.45866	4.75578	
	36	3.48239	5.68214	8.84362	7.07288	3.61846	4.52912	
	47	4.15087	4.62763	5.44737	4.56993	2.61300	6.14157	
	48	5.48388	4.39633	4.76944	3.83871	3.21477	4.98032	
	Min	3.48239	4.39633	4.76944	3.83871	2.61300	4.52912	
	Max	5.66250	5.68214	9.53969	8.76637	3.61846	6.14157	
	Average	4.69491	5.03851	7.15003	6.06197	3.22622	5.10170	
UnBiased	37	4.44662	2.44139	4.26246	4.37736	4.73569	6.41511	
	38	5.86870	4.45224	5.71924	5.27040	7.03749	8.97268	
	49	6.53434	4.62957	7.43270	4.01541	5.11969	10.60773	
	50	6.51020	6.86056	9.20390	9.71466	4.58751	14.31953	
	Min	4.44662	2.44139	4.26246	4.01541	4.58751	6.41511	
	Max	6.53434	6.86056	9.20390	9.71466	7.03749	14.31953	
	Average	5.83997	4.59594	6.65458	5.84446	5.37010	10.07876	

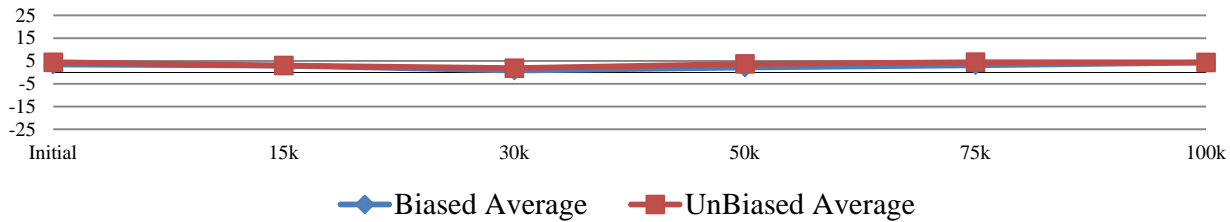


T#68		+Ib(B) Vs=+-15.0V Vcm=-12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.38974	2.39803	2.40264	2.6952	2.84144	2.97761	+/-25
	57	4.70214	3.60878	4.18280	4.55332	4.35216	4.90556	
Biased	35	4.90170	5.26175	8.57090	8.32899	4.05880	5.06580	
	36	3.28969	6.23354	8.70268	8.54465	3.56725	4.93495	
	47	5.00007	4.95986	6.31648	5.25841	3.38523	7.27343	
	48	5.44296	5.43957	5.77568	5.29011	3.09937	6.50138	
	Min	3.28969	4.95986	5.77568	5.25841	3.09937	4.93495	
	Max	5.44296	6.23354	8.70268	8.54465	4.05880	7.27343	
	Average	4.65861	5.47368	7.34144	6.85554	3.52766	5.94389	
UnBiased	37	4.27231	6.94409	4.61257	9.27437	4.84383	7.39782	
	38	4.54219	4.53627	4.00560	4.55957	6.14596	8.03813	
	49	5.10487	6.46814	9.29495	4.39381	6.21137	14.61726	
	50	5.25473	4.72001	5.59476	5.67443	3.99913	8.52682	
	Min	4.27231	4.53627	4.00560	4.39381	3.99913	7.39782	
	Max	5.25473	6.94409	9.29495	9.27437	6.21137	14.61726	
	Average	4.79353	5.66713	5.87697	5.97555	5.30007	9.64501	

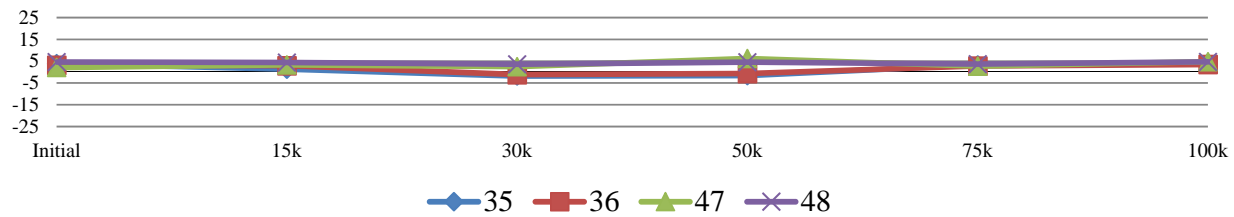


T#69		-Ib(A) Vs=+-15.0V Vcm=-12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	3.11527	2.6513	2.7041	2.73616	2.14257	2.67061	+/-25
	57	4.34215	3.46037	3.36629	3.79393	3.34707	4.26499	
Biased	35	3.91675	1.29626	-1.79001	-1.59229	3.27516	4.27639	
	36	3.18224	2.95484	-1.15294	-0.68182	2.78144	3.48972	
	47	2.09968	3.31108	2.48661	6.21544	2.74383	4.78843	
	48	4.60165	4.42529	3.61304	4.54077	3.65475	4.68837	
	Min	2.09968	1.29626	-1.79001	-1.59229	2.74383	3.48972	
	Max	4.60165	4.42529	3.61304	6.21544	3.65475	4.78843	
	Average	3.45008	2.99687	0.78918	2.12053	3.11380	4.31073	
UnBiased	37	3.70296	3.83611	4.36837	5.96714	4.87571	6.93472	
	38	4.58144	4.12857	2.70397	5.03047	3.89879	7.19984	
	49	5.13826	2.61233	0.71439	4.06576	3.84319	3.02066	
	50	4.33408	1.47032	-0.47203	-0.29498	5.24185	0.30791	
	Min	3.70296	1.47032	-0.47203	-0.29498	3.84319	0.30791	
	Max	5.13826	4.12857	4.36837	5.96714	5.24185	7.19984	
	Average	4.43919	3.01183	1.82868	3.69210	4.46489	4.36578	

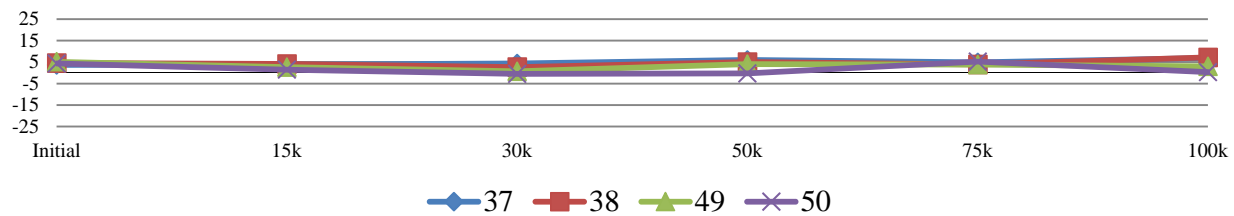
-Input Bias Current A Vs=+-15V Vcm=-12.6V - Average



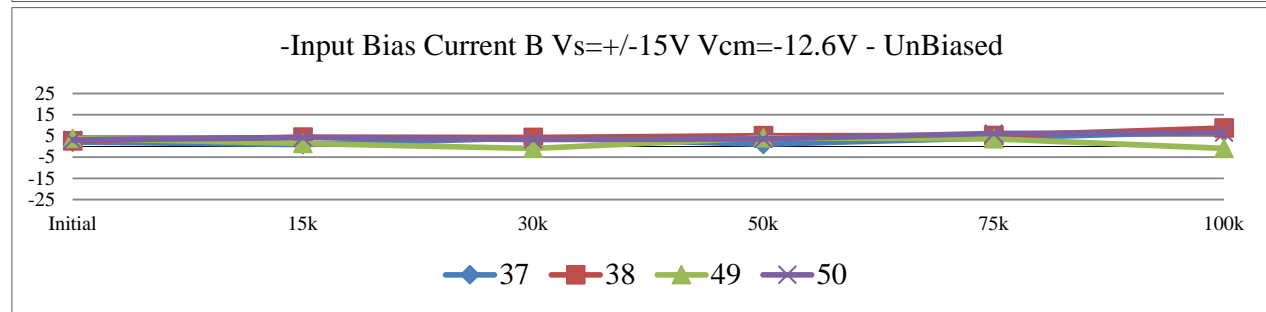
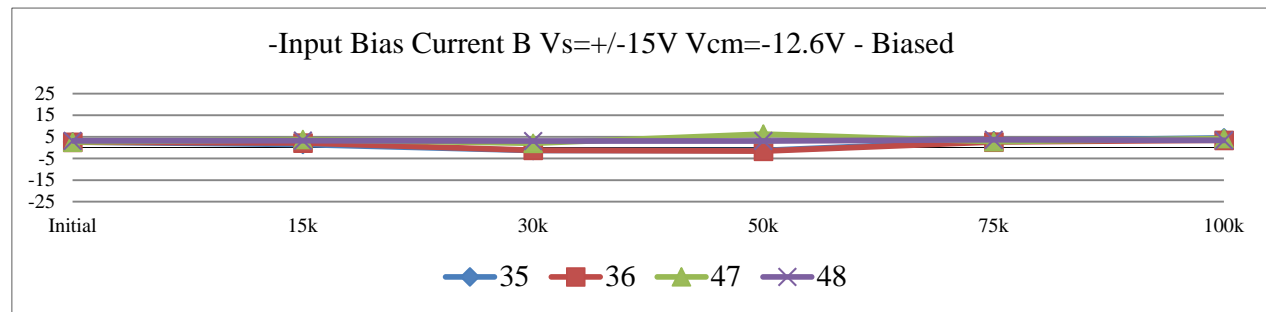
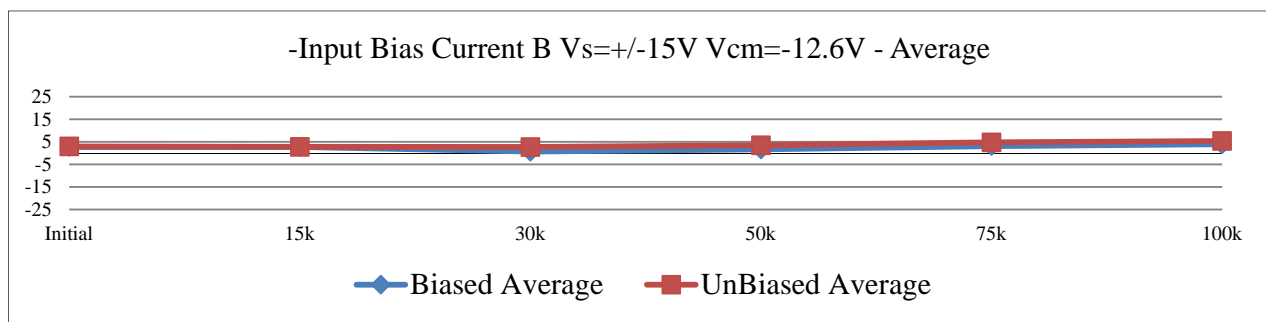
-Input Bias Current A Vs=+-15V Vcm=-12.6V - Biased



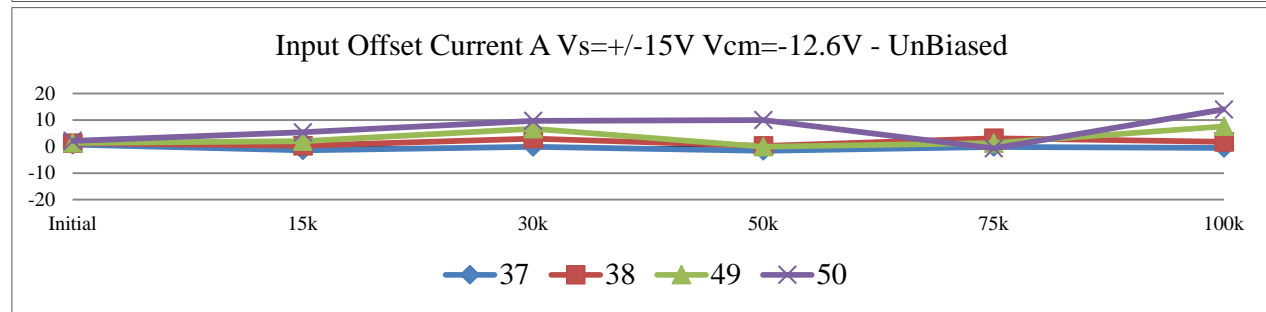
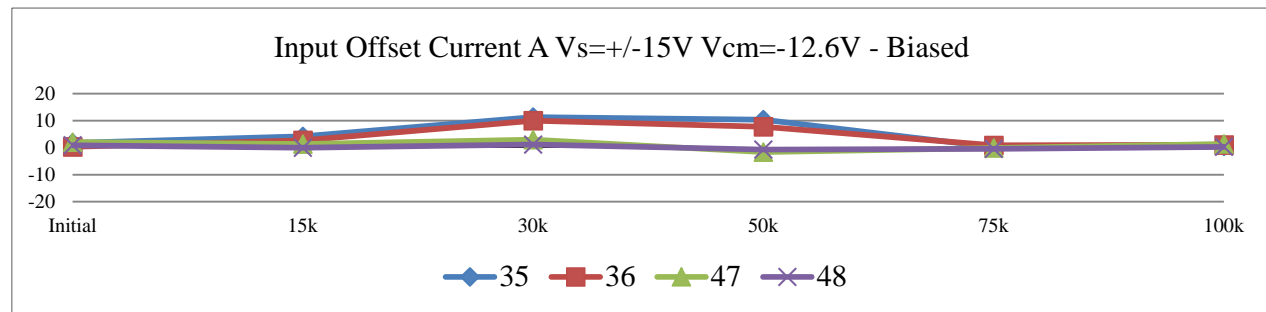
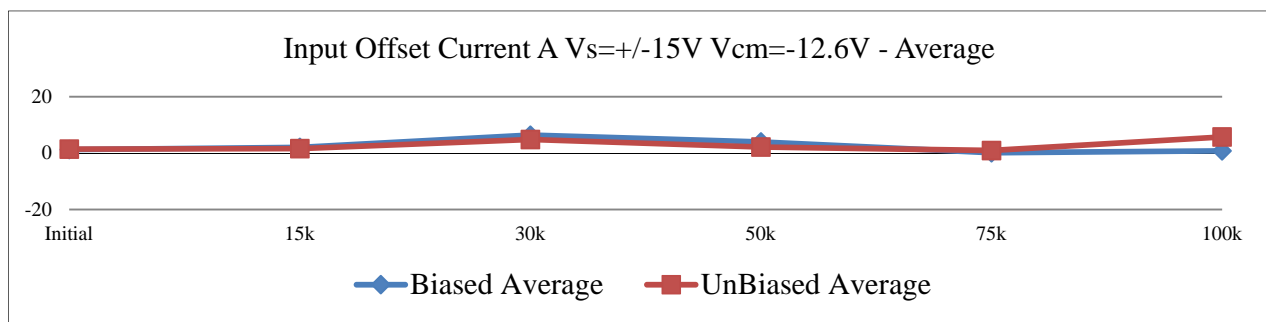
-Input Bias Current A Vs=+-15V Vcm=-12.6V - UnBiased



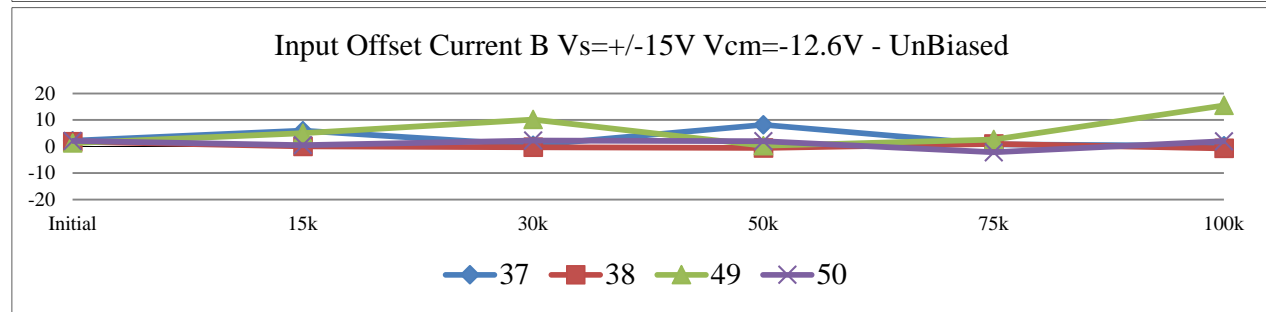
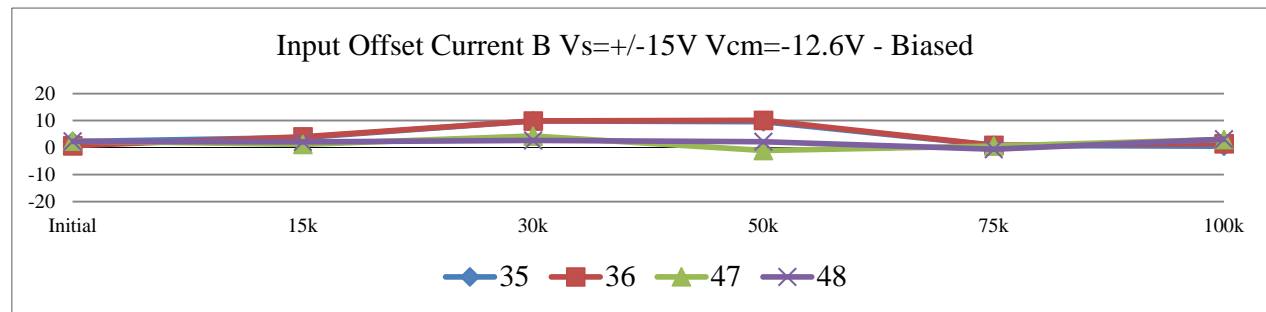
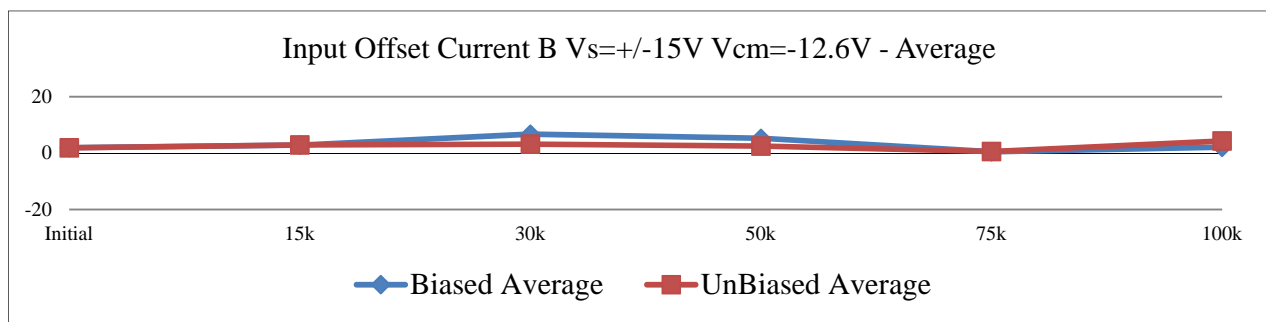
T#70		-Ib(B) Vs=+-15.0V Vcm=-12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	2.09513	2.12597	2.26712	2.13808	2.11861	2.35521	+/-25
	57	2.33802	1.52273	2.14862	2.30101	1.79354	2.49304	
Biased	35	2.65441	1.49782	-1.32349	-1.30232	3.20566	4.50784	
	36	2.55759	2.17706	-1.20402	-1.59941	2.63968	3.43922	
	47	2.54857	3.75297	2.02942	6.30490	2.77989	4.22463	
	48	3.14296	3.27910	3.07102	3.10801	3.67081	3.37891	
	Min	2.54857	1.49782	-1.32349	-1.59941	2.63968	3.37891	
	Max	3.14296	3.75297	3.07102	6.30490	3.67081	4.50784	
	Average	2.72588	2.67674	0.64323	1.62780	3.07401	3.88765	
UnBiased	37	2.08142	0.96264	4.10730	1.06979	4.05680	7.10410	
	38	2.72741	4.47753	4.27424	5.08748	5.18202	8.72278	
	49	3.80338	1.46583	-0.87135	4.08915	3.58031	-0.88242	
	50	3.14200	4.18541	3.33145	3.65026	6.14013	6.52814	
	Min	2.08142	0.96264	-0.87135	1.06979	3.58031	-0.88242	
	Max	3.80338	4.47753	4.27424	5.08748	6.14013	8.72278	
	Average	2.93855	2.77285	2.71041	3.47417	4.73982	5.36815	



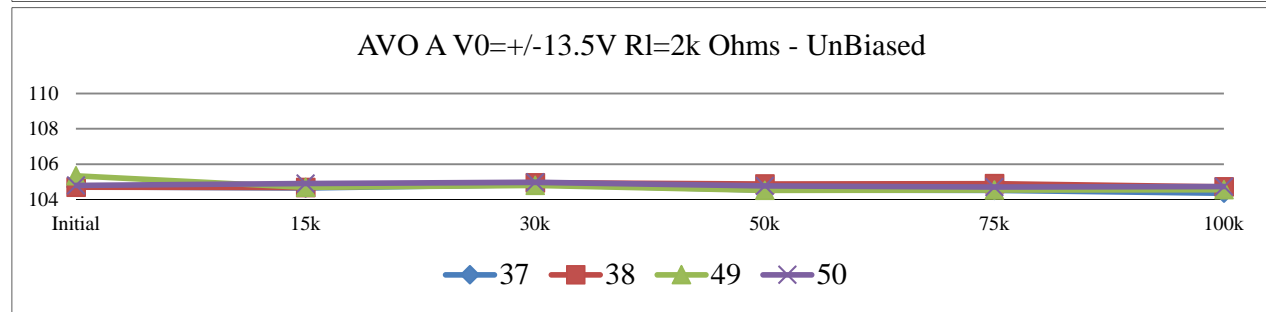
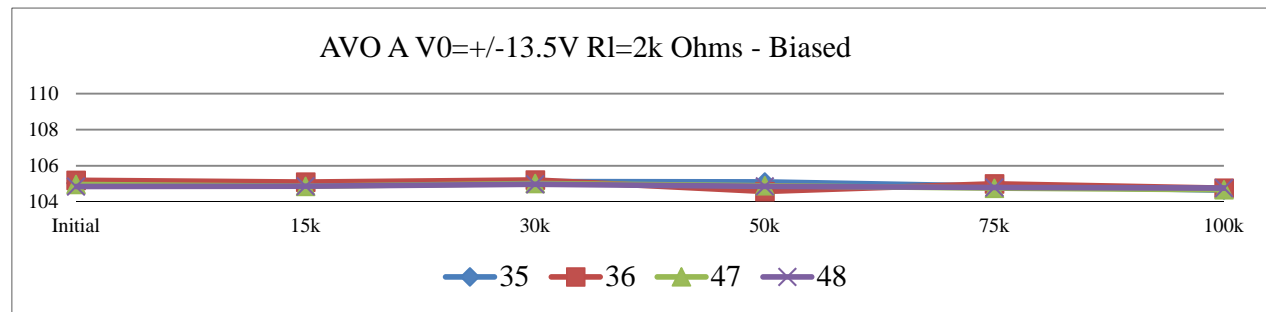
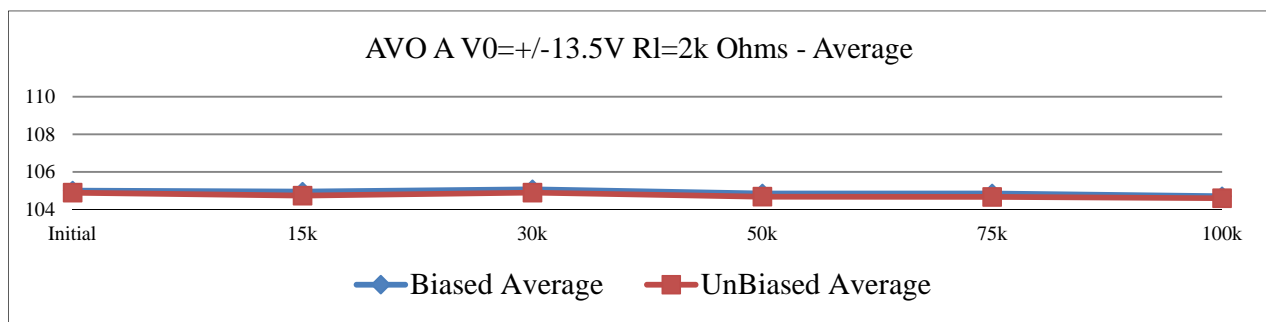
T#71		Ios(A) Vs=+-15.0V Vcm=-12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-0.25407	-0.01269	0.00502	0.0036	0.07506	-0.20294	+/-20
	57	1.79598	1.60675	2.17474	2.15032	2.04026	1.86615	
Biased	35	1.74576	4.15167	11.32970	10.35866	0.18349	0.47940	
	36	0.30016	2.72729	9.99656	7.75470	0.83702	1.03940	
	47	2.05119	1.31655	2.96076	-1.64551	-0.13083	1.35313	
	48	0.88223	-0.02896	1.15639	-0.70207	-0.43998	0.29195	
	Min	0.30016	-0.02896	1.15639	-1.64551	-0.43998	0.29195	
	Max	2.05119	4.15167	11.32970	10.35866	0.83702	1.35313	
	Average	1.24484	2.04164	6.36085	3.94145	0.11243	0.79097	
UnBiased	37	0.74366	-1.39472	-0.10591	-1.58979	-0.14002	-0.51961	
	38	1.28726	0.32367	3.01527	0.23993	3.13870	1.77284	
	49	1.39608	2.01724	6.71831	-0.05035	1.27650	7.58707	
	50	2.17612	5.39024	9.67594	10.00964	-0.65434	14.01162	
	Min	0.74366	-1.39472	-0.10591	-1.58979	-0.65434	-0.51961	
	Max	2.17612	5.39024	9.67594	10.00964	3.13870	14.01162	
	Average	1.40078	1.58411	4.82590	2.15236	0.90521	5.71298	



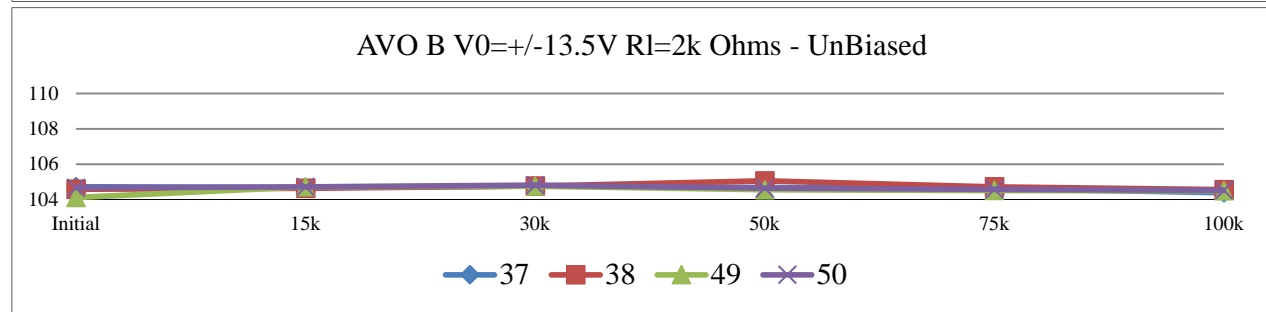
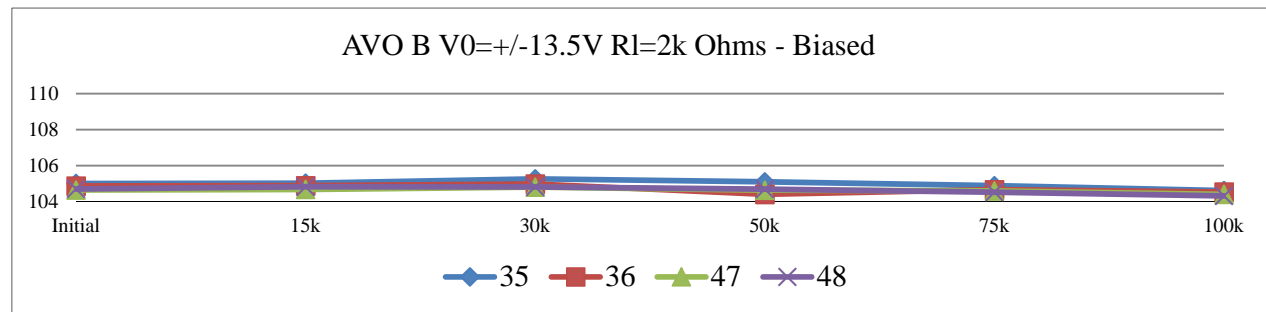
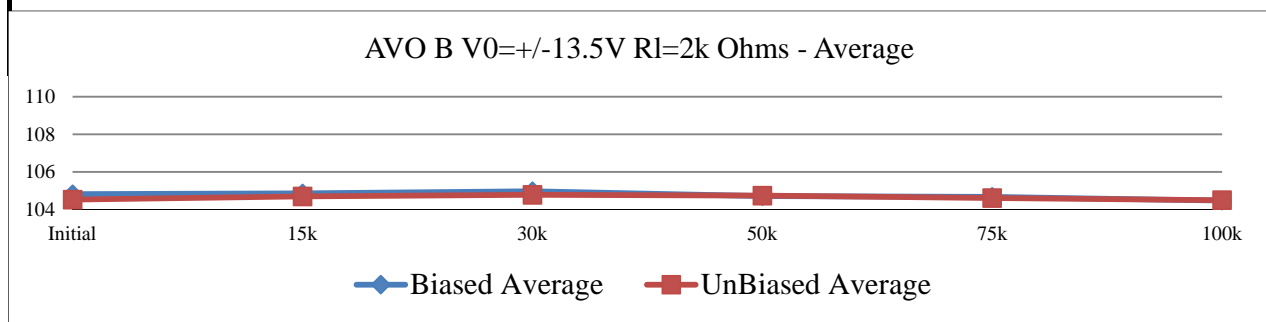
T#72		Ios(B) Vs=+-15.0V Vcm=-12.6V						pA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	0.29461	0.27206	0.13552	0.55712	0.72284	0.6224	+/-20
	57	2.36412	2.08605	2.03418	2.25232	2.55862	2.41252	
Biased	35	2.24729	3.76393	9.89438	9.63131	0.85314	0.55796	
	36	0.73210	4.05648	9.90670	10.14406	0.92757	1.49573	
	47	2.45150	1.20688	4.28706	-1.04649	0.60534	3.04880	
	48	2.30000	2.16047	2.70466	2.18210	-0.57144	3.12247	
	Min	0.73210	1.20688	2.70466	-1.04649	-0.57144	0.55796	
	Max	2.45150	4.05648	9.90670	10.14406	0.92757	3.12247	
	Average	1.93272	2.79694	6.69820	5.22775	0.45365	2.05624	
	UnBiased	37	2.19090	5.98145	0.50527	8.20458	0.78702	0.29372
38	1.81477	0.05874	-0.26864	-0.52791	0.96394	-0.68464		
49	1.30148	5.00231	10.16630	0.30466	2.63106	15.49968		
50	2.11273	0.53460	2.26331	2.02417	-2.14100	1.99868		
Min	1.30148	0.05874	-0.26864	-0.52791	-2.14100	-0.68464		
Max	2.19090	5.98145	10.16630	8.20458	2.63106	15.49968		
Average	1.85497	2.89428	3.16656	2.50138	0.56026	4.27686		



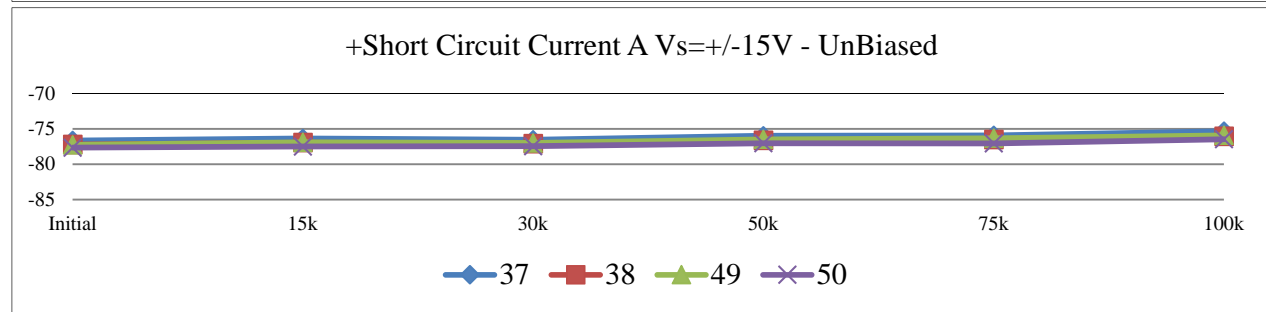
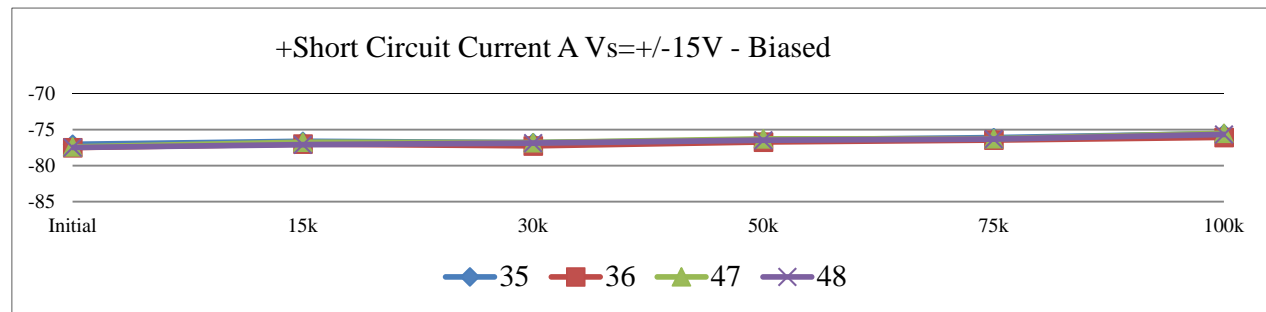
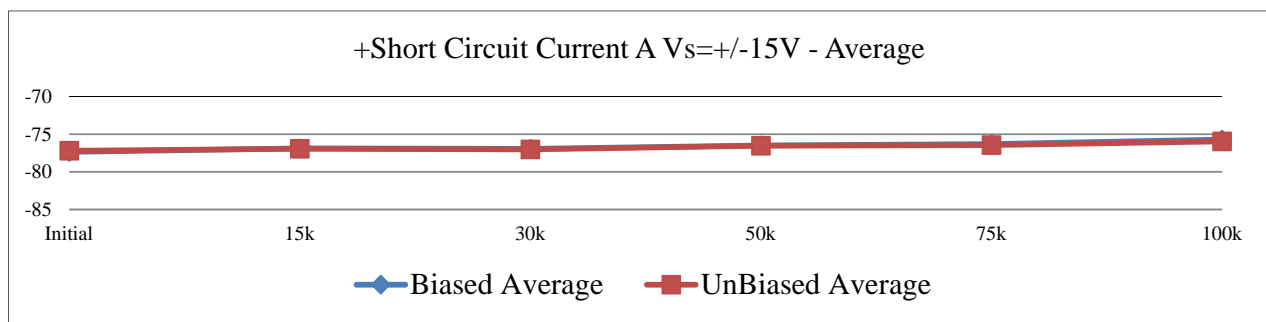
T#73		Avo(A) Vo=+-13.5V RL=2k						dB
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	104.95914	105.02917	105.09792	105.41969	105.00932	104.89861	>104
	57	104.79363	104.79801	104.86237	104.74677	104.68065	104.69357	
Biased	35	105.02940	104.98840	105.11474	105.09624	104.86876	104.64515	
	36	105.19221	105.09485	105.20371	104.57091	104.99436	104.75257	
	47	104.96191	104.85663	105.01086	104.88477	104.74967	104.66451	
	48	104.84335	104.85714	104.96669	104.85229	104.79221	104.75848	
	Min	104.84335	104.85663	104.96669	104.57091	104.74967	104.64515	
	Max	105.19221	105.09485	105.20371	105.09624	104.99436	104.75848	
	Average	105.00672	104.94926	105.07400	104.85105	104.85125	104.70518	
UnBiased	37	104.71928	104.65939	104.85095	104.54047	104.52095	104.36704	
	38	104.70713	104.68539	104.95158	104.88433	104.90227	104.72514	
	49	105.34386	104.69130	104.80760	104.52625	104.54449	104.55706	
	50	104.80618	104.91029	104.98145	104.77921	104.71274	104.74204	
	Min	104.70713	104.65939	104.80760	104.52625	104.52095	104.36704	
	Max	105.34386	104.91029	104.98145	104.88433	104.90227	104.74204	
	Average	104.89411	104.73659	104.89790	104.68257	104.67011	104.59782	



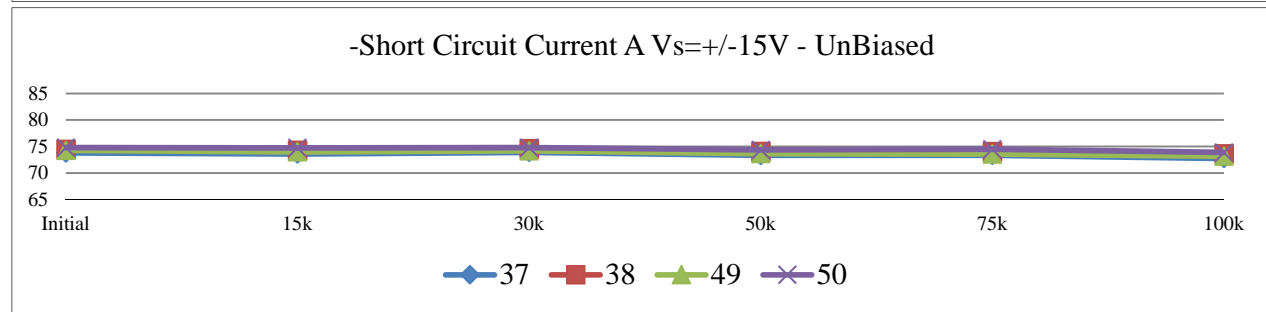
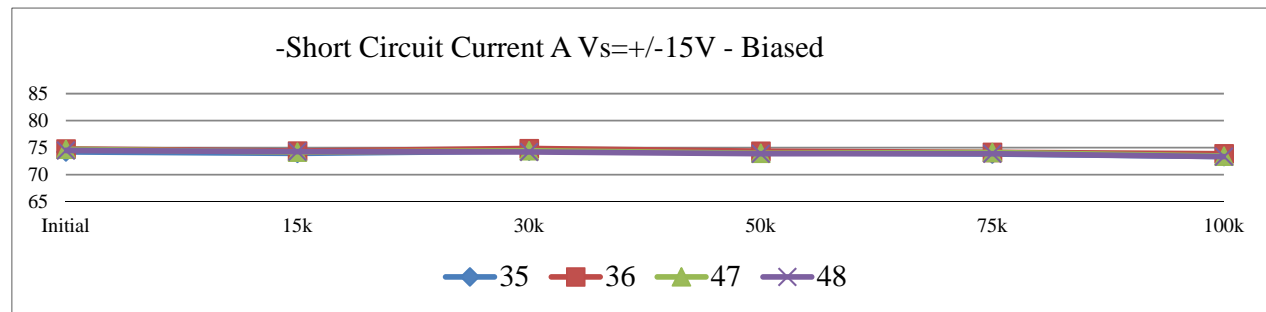
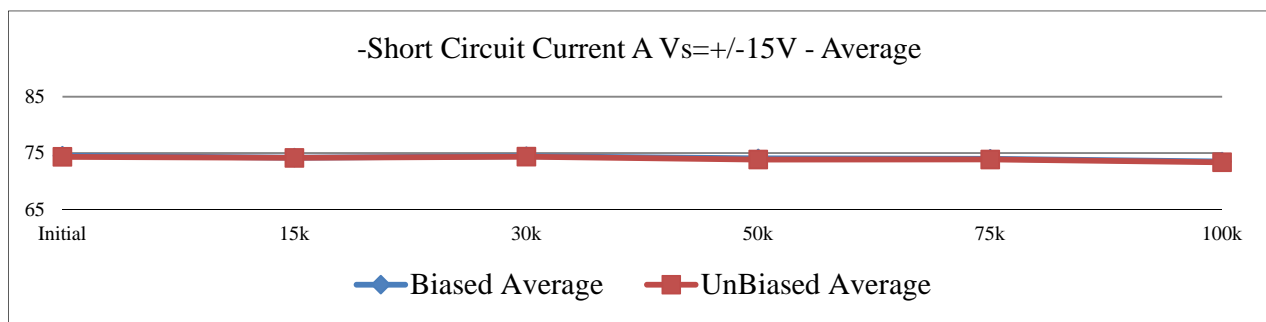
T#74		Avo(B) Vo=+-13.5V RI=2k						dB
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	104.9258	104.96346	105.05629	105.45696	104.97462	104.82329	>104
	57	104.56057	104.63392	104.68733	104.57664	104.56503	104.46787	
Biased	35	105.01126	105.03008	105.27048	105.10204	104.89147	104.61824	
	36	104.87173	104.88869	104.98686	104.40932	104.66966	104.53799	
	47	104.65165	104.68222	104.80895	104.64350	104.59761	104.40900	
	48	104.70997	104.82781	104.82220	104.69875	104.53101	104.32387	
	Min	104.65165	104.68222	104.80895	104.40932	104.53101	104.32387	
	Max	105.01126	105.03008	105.27048	105.10204	104.89147	104.61824	
	Average	104.81115	104.85720	104.97212	104.71340	104.67244	104.47228	
UnBiased	37	104.73341	104.68835	104.77113	104.68591	104.63140	104.38998	
	38	104.58241	104.64207	104.76810	105.05944	104.72005	104.56347	
	49	104.12033	104.71920	104.76377	104.55311	104.51442	104.49227	
	50	104.66421	104.72433	104.81369	104.64484	104.57598	104.52560	
	Min	104.12033	104.64207	104.76377	104.55311	104.51442	104.38998	
	Max	104.73341	104.72433	104.81369	105.05944	104.72005	104.56347	
	Average	104.52509	104.69349	104.77917	104.73583	104.61046	104.49283	



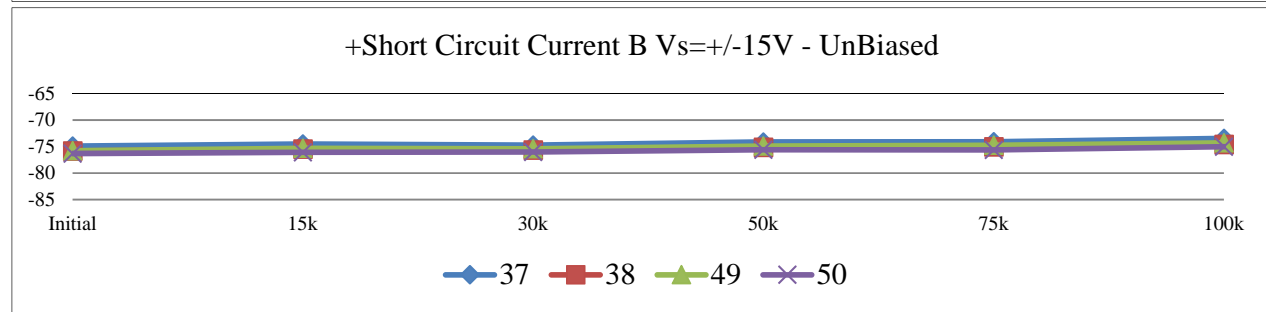
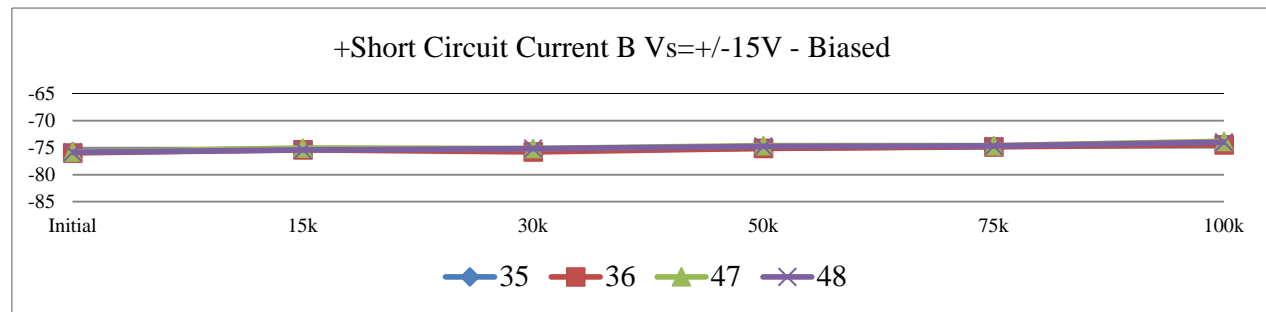
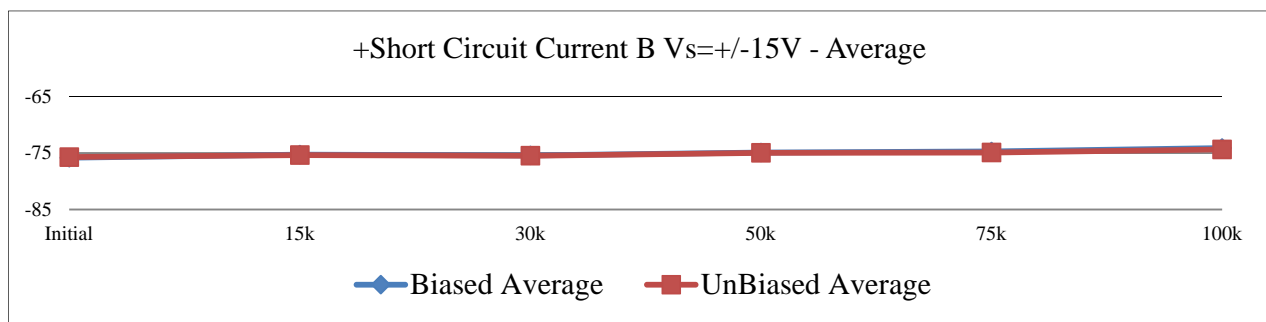
T#75		ISC_A_POS_15						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-77.26732	-77.41297	-77.52364	-77.88861	-77.39303	-77.14827	>-85
	57	-77.17931	-77.22750	-77.43563	-77.15938	-77.12900	-76.98797	
Biased	35	-77.02804	-76.63023	-76.81006	-76.44902	-76.11687	-75.55460	
	36	-77.49951	-76.99174	-77.24073	-76.72248	-76.44062	-76.06383	
	47	-77.39579	-76.74969	-76.80692	-76.28558	-76.26146	-75.50117	
	48	-77.47122	-77.09862	-76.86665	-76.46473	-76.31804	-75.66462	
	Min	-77.49951	-77.09862	-77.24073	-76.72248	-76.44062	-76.06383	
	Max	-77.02804	-76.63023	-76.80692	-76.28558	-76.11687	-75.50117	
	Average	-77.34864	-76.86757	-76.93109	-76.48045	-76.28425	-75.69606	
UnBiased	37	-76.64143	-76.35990	-76.54601	-75.97754	-75.91885	-75.33143	
	38	-77.20719	-76.93516	-77.10242	-76.60933	-76.50349	-76.06068	
	49	-77.26377	-76.90687	-76.99553	-76.49302	-76.33061	-75.91609	
	50	-77.65353	-77.49785	-77.44820	-77.02737	-77.05042	-76.46617	
	Min	-77.65353	-77.49785	-77.44820	-77.02737	-77.05042	-76.46617	
	Max	-76.64143	-76.35990	-76.54601	-75.97754	-75.91885	-75.33143	
	Average	-77.19148	-76.92495	-77.02304	-76.52682	-76.45084	-75.94359	



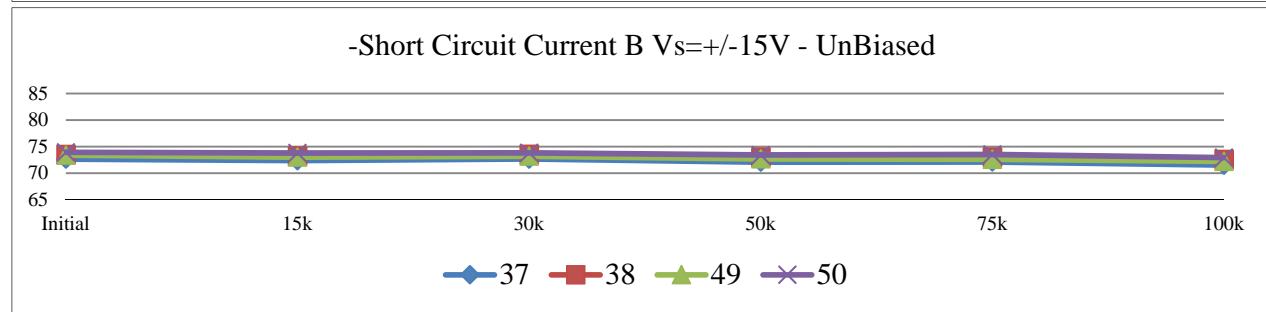
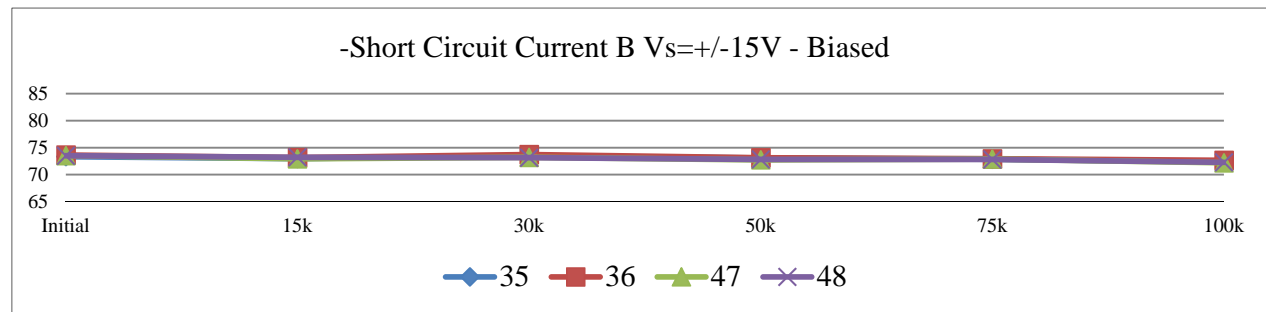
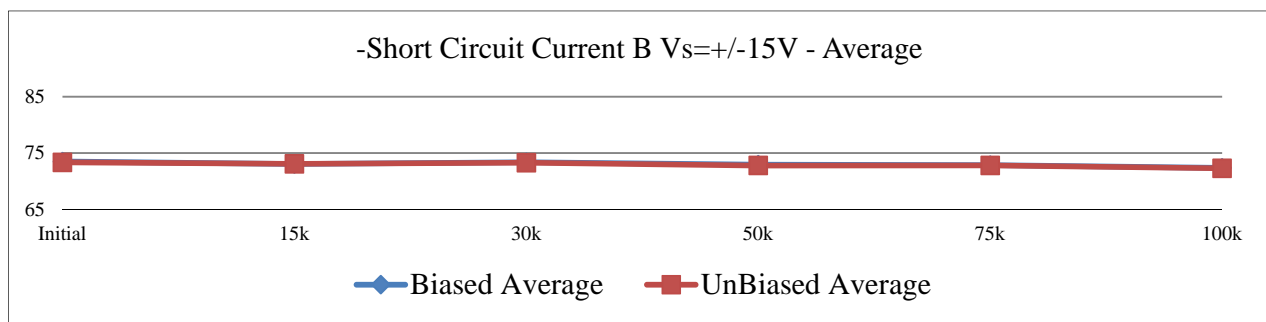
T#76		ISC_A_NEG_15						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	74.45306	74.61672	74.73899	74.69486	74.57432	74.28809	<85
	57	74.41849	74.47212	74.70755	74.38368	74.34172	74.17806	
Biased	35	74.20816	73.95030	74.34919	74.06622	73.82622	73.34822	
	36	74.76764	74.38096	74.84272	74.35225	74.14998	73.88259	
	47	74.69535	74.17349	74.43721	73.97506	74.11541	73.44253	
	48	74.47847	74.26465	74.19201	73.87763	73.88595	73.34508	
	Min	74.20816	73.95030	74.19201	73.87763	73.82622	73.34508	
	Max	74.76764	74.38096	74.84272	74.35225	74.14998	73.88259	
	Average	74.53741	74.19235	74.45528	74.06779	73.99439	73.50461	
UnBiased	37	73.78698	73.60452	73.90595	73.34014	73.35474	72.76043	
	38	74.46590	74.27094	74.56923	74.06622	74.03997	73.62484	
	49	74.27731	73.99116	74.17944	73.66389	73.58420	73.18163	
	50	74.79593	74.74875	74.79557	74.38054	74.48945	73.89202	
	Min	73.78698	73.60452	73.90595	73.34014	73.35474	72.76043	
	Max	74.79593	74.74875	74.79557	74.38054	74.48945	73.89202	
	Average	74.33153	74.15384	74.36255	73.86270	73.86709	73.36473	



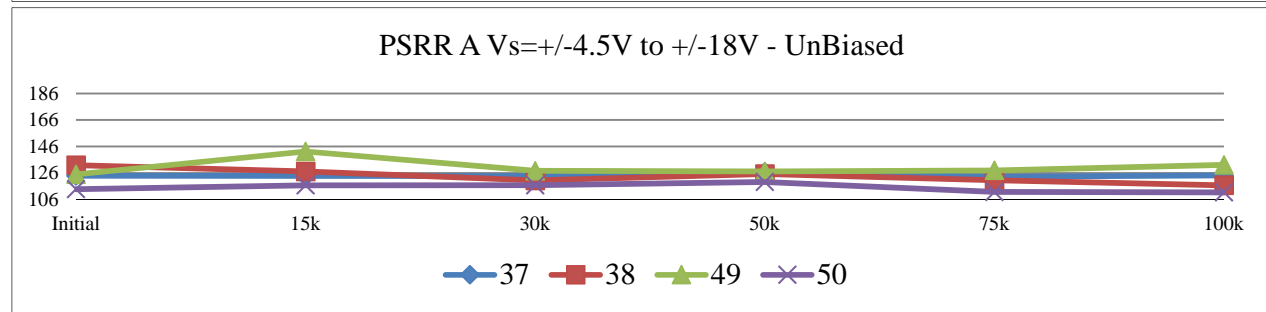
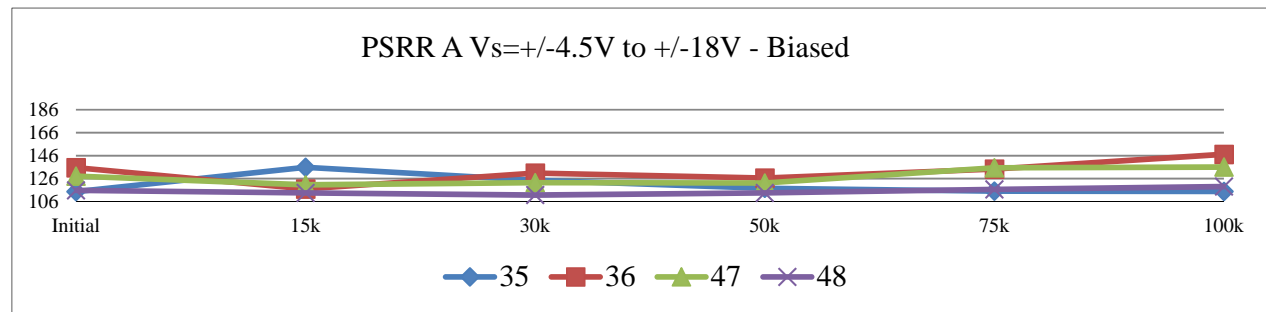
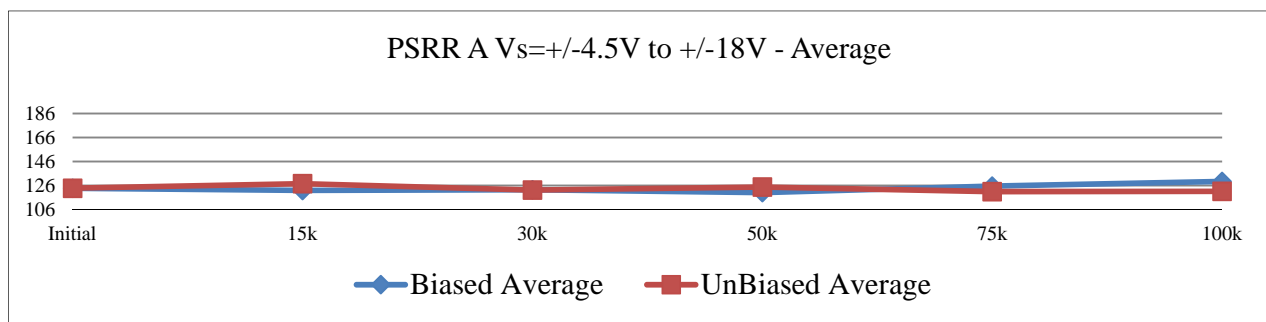
T#77		ISC_B_POS_15						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	-75.90619	-75.96695	-76.17193	-76.63133	-76.03515	-75.78406	>-85
	57	-75.90304	-75.84750	-76.17193	-75.77323	-75.84655	-75.70234	
Biased	35	-75.70791	-75.21565	-75.54322	-75.08802	-74.75270	-74.16525	
	36	-75.96879	-75.38855	-75.76956	-75.12259	-74.83442	-74.44815	
	47	-75.79277	-75.07420	-75.13771	-74.61654	-74.62697	-73.82577	
	48	-75.85878	-75.40741	-75.18487	-74.77370	-74.68354	-74.00808	
	Min	-75.96879	-75.40741	-75.76956	-75.12259	-74.83442	-74.44815	
	Max	-75.70791	-75.07420	-75.13771	-74.61654	-74.62697	-73.82577	
	Average	-75.83206	-75.27145	-75.40884	-74.90021	-74.72441	-74.11181	
UnBiased	37	-74.90955	-74.52408	-74.72591	-74.14191	-74.09576	-73.47686	
	38	-75.83363	-75.47656	-75.66582	-75.15088	-75.07331	-74.61789	
	49	-75.78021	-75.33511	-75.42691	-74.90885	-74.77155	-74.30985	
	50	-76.31768	-76.08641	-76.03676	-75.60979	-75.64538	-75.02653	
	Min	-76.31768	-76.08641	-76.03676	-75.60979	-75.64538	-75.02653	
	Max	-74.90955	-74.52408	-74.72591	-74.14191	-74.09576	-73.47686	
	Average	-75.71027	-75.35554	-75.46385	-74.95286	-74.89650	-74.35778	



T#78		ISC_B_NEG_15						mA
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	73.51631	73.56993	73.80851	73.7519	73.6502	73.35451	<85
	57	73.43772	73.38761	73.72992	73.29299	73.35788	73.19734	
Biased	35	73.33437	72.98210	73.48157	73.08868	72.85496	72.35808	
	36	73.62982	73.16128	73.72677	73.12954	72.93983	72.65669	
	47	73.52924	72.94123	73.20809	72.74608	72.88954	72.20405	
	48	73.50095	73.21472	73.13894	72.81208	72.82667	72.27635	
	Min	73.33437	72.94123	73.13894	72.74608	72.82667	72.20405	
	Max	73.62982	73.21472	73.72677	73.12954	72.93983	72.65669	
	Average	73.49860	73.07483	73.38884	72.94410	72.87775	72.37379	
UnBiased	37	72.64601	72.35654	72.65484	72.07972	72.09429	71.50309	
	38	73.50409	73.23672	73.51930	73.02268	72.99955	72.56868	
	49	73.37523	73.00096	73.18923	72.68321	72.60349	72.19462	
	50	73.91270	73.78370	73.82108	73.40929	73.52448	72.92388	
	Min	72.64601	72.35654	72.65484	72.07972	72.09429	71.50309	
	Max	73.91270	73.78370	73.82108	73.40929	73.52448	72.92388	
	Average	73.35951	73.09448	73.29611	72.79873	72.80545	72.29757	



T#79		PSRR (A)+-18V_+/-4.5V dB						dB
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	122.79588	122.83198	123.76163	128.25301	123.24914	123.35203	>106
	57	114.03033	114.03947	114.05731	113.84214	113.81896	113.82699	
Biased	35	114.78988	135.90387	124.62318	117.63325	115.24333	114.88963	
	36	135.67955	117.12886	130.90732	126.56551	134.39061	147.23788	
	47	128.30011	120.63600	122.54139	122.31911	135.47293	136.15445	
	48	115.92299	113.64865	111.80341	113.63452	116.74088	119.14715	
	Min	114.78988	113.64865	111.80341	113.63452	115.24333	114.88963	
	Max	135.67955	135.90387	130.90732	126.56551	135.47293	147.23788	
	Average	123.67313	121.82935	122.46883	120.03810	125.46194	129.35728	
UnBiased	37	123.96972	123.86816	123.74729	126.86359	123.21557	124.17439	
	38	131.92621	127.19576	120.45032	125.28812	120.62381	116.77132	
	49	124.99297	142.23364	127.73593	127.18349	128.00269	132.13782	
	50	113.88033	116.79836	116.83653	119.32407	111.76400	111.49875	
	Min	113.88033	116.79836	116.83653	119.32407	111.76400	111.49875	
	Max	131.92621	142.23364	127.73593	127.18349	128.00269	132.13782	
	Average	123.69231	127.52398	122.19252	124.66482	120.90152	121.14557	



T#80		PSRR (B) $\pm 18V_{\pm 4.5V}$ dB						dB
SN		Initial	15k	30k	50k	75k	100k	Limit
CTRL	21	121.46183	122.06334	121.83267	120.49911	122.22657	121.47562	>106
	57	115.44216	115.26488	115.81391	115.61247	115.49962	115.20650	
Biased	35	119.91135	131.17644	124.59717	122.85106	119.64484	120.24321	
	36	127.73936	116.56866	132.18701	142.25812	130.02235	128.68077	
	47	137.74536	118.25892	119.75037	122.20502	131.62144	128.08333	
	48	112.04258	110.11816	110.56966	111.49872	112.59955	122.91787	
	Min	112.04258	110.11816	110.56966	111.49872	112.59955	120.24321	
	Max	137.74536	131.17644	132.18701	142.25812	131.62144	128.68077	
	Average	124.35966	119.03055	121.77605	124.70323	123.47205	124.98130	
UnBiased	37	119.01318	122.59714	119.18873	137.29648	124.80811	118.57232	
	38	113.17027	113.37499	114.95042	112.38354	115.03383	116.96950	
	49	109.35225	112.36048	110.95534	109.13969	112.69475	108.85051	
	50	124.96302	140.65717	128.21532	123.85549	116.59164	129.53238	
	Min	109.35225	112.36048	110.95534	109.13969	112.69475	108.85051	
	Max	124.96302	140.65717	128.21532	137.29648	124.80811	129.53238	
	Average	116.62468	122.24745	118.32745	120.66880	117.28208	118.48118	

