

HIGH DOSE RADIATION TEST REPORT AD9257S-CSL

September 2021

Radiation Test Report

Product:	AD9257S
Gamma:	0, 30k, 45k, 168hr
Gamma Source:	Co60/TM1019 Condition A
Dose Rate:	111 Rad/s
Facilities:	VPT RAD
Tested:	7/20/21 - 7/30/21

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	VREF			V	AVDD PWDN PIN			mA	DRVDD PWDN PIN			mA
	SN	PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal		
CTRL	13	0.995	0.995	0.995	0.190	0.030	0.030	0.130	0.170	0.050		
	1	0.997	0.998	0.997	0.200	0.290	0.290	0.160	0.220	0.120		
	2	0.997	0.999		0.180	0.250		0.220	0.220			
	3	0.999	0.999	0.999	0.040	0.210	0.250	0.170	0.040	0.190		
	4	0.997	0.997		0.090	0.090		0.150	0.140			
	5	0.995	0.995		0.130	0.160		0.150	0.170			
	6	0.996	0.996	0.996	0.170	0.190	0.130	0.150	0.190	0.130		
	7	0.998	0.998	0.998	0.130	0.030	0.050	0.160	0.140	0.150		
	8	0.995	0.996	0.997	0.040	0.170	0.200	0.090	0.160	0.170		
	10	0.994	0.994	0.995	0.100	0.220	0.040	0.090	0.140	0.190		
	11	0.994	0.993	0.994	0.090	0.190	0.030	0.160	0.170	0.160		
	12	0.996	0.997	1.008	0.150	0.150	0.040	0.160	0.190	0.120		
	20	0.995	0.994		0.080	0.120		0.160	0.090			
	31	0.996	0.996		0.154	0.035		0.188	0.204			
	32	0.994	0.993	0.994	0.184	0.347	0.166	0.167	0.101	0.130		
	33	0.994	0.995	0.995	0.165	0.307	0.178	0.180	0.173	0.211		
	34	0.996	0.996	0.997	0.188	0.097	0.036	0.175	0.202	0.167		
	35	0.993	0.993		0.172	0.345		0.137	0.177			
	36	0.995	0.995	0.996	0.239	0.210	0.199	0.131	0.125	0.125		
	37	0.995	0.994	0.995	0.197	0.242	0.089	0.190	0.145	0.154		
	38	0.994	0.994	0.995	0.159	0.388	0.156	0.191	0.110	0.129		
	39	0.995	0.995	0.996	0.020	0.176	0.047	0.172	0.082	0.162		
	40	0.996	0.995		0.045	0.623		0.165	0.133			
	41	0.996	0.996	0.997	0.164	0.255	0.260	0.109	0.179	0.184		
	42	1.000	0.999		0.163	0.204		0.118	0.133			
	Min	0.9928	0.9925	0.9936	0.0200	0.0300	0.0300	0.0900	0.0400	0.1200		
	Max	0.9999	0.9988	1.0076	0.2390	0.6230	0.2900	0.2200	0.2200	0.2110		
	Mean	0.9956	0.9955	0.9968	0.1354	0.2208	0.1351	0.1560	0.1514	0.1558		
	Std. Dev	0.0016	0.0019	0.0033	0.0590	0.1260	0.0896	0.0314	0.0454	0.0285		
	Mean - 3 Sigma	0.9908	0.9898	0.9870	-0.0416	-0.1571	-0.1337	0.0619	0.0152	0.0703		
	Mean + 3 Sigma	1.0005	1.0012	1.0066	0.3125	0.5987	0.4039	0.2501	0.2876	0.2412		
	Limit:	0.98V to 1.01V			<1.25mA			<1mA				

	TOTAL POWER			mW	AVDD PWDN SPI			mA	DRVDD PWDN SPI			mA
	SN	PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal		
CTRL	13	0.580	0.350	0.150	0.060	0.000	0.140	0.160	0.160	0.060		
	1	0.660	0.920	0.740	0.150	0.310	0.030	0.090	0.140	0.130		
	2	0.700	0.840		0.110	0.220	0.000	0.150	0.150			
	3	0.380	0.450	0.790	0.080	0.340	0.140	0.180	0.080	0.100		
	4	0.420	0.420		0.280	0.210		0.170	0.170			
	5	0.510	0.580		0.000	0.060		0.140	0.120			
	6	0.560	0.690	0.460	0.160	0.190	0.040	0.150	0.150	0.120		
	7	0.510	0.300	0.360	0.190	0.020	0.010	0.070	0.070	0.200		
	8	0.230	0.600	0.660	0.170	0.170	0.120	0.050	0.120	0.160		
	10	0.340	0.650	0.420	0.080	0.220		0.140	0.160	0.120		
	11	0.430	0.650	0.330	0.140	0.090	0.140	0.150	0.210	0.080		
	12	0.560	0.600	0.300	0.160	0.090	0.090	0.140	0.140	0.100		
	20	0.440	0.370		0.210	0.160		0.170	0.130			
	31	0.615	0.430		0.173	-0.002		0.015	0.216			
	32	0.633	0.807	0.533	0.124	0.344	0.179	0.127	0.126	0.191		
	33	0.622	0.863	0.701	0.174	0.264	0.161	0.160	0.155	0.087		
	34	0.655	0.537	0.364	0.125	0.133	0.098	0.111	0.101	0.166		
	35	0.556	0.939		0.053	0.252		0.167	0.160			
	36	0.665	0.604	0.583	0.039	0.188	0.162	0.119	0.163	0.094		
	37	0.697	0.697	0.437	0.155	0.066	0.093	0.154	0.127	0.141		
	38	0.630	0.895	0.514	-0.006	0.376	0.208	0.166	0.131	0.209		
	39	0.344	0.464	0.377	0.064	0.191	0.126	0.154	0.155	0.147		
	40	0.379	1.361		0.035	0.353		0.144	0.197			
	41	0.492	0.781	0.799	0.168	0.313	0.199	0.156	0.126	0.142		
	42	0.506	0.607		0.191	0.195		0.120	0.152			
	Min	0.2300	0.3000	0.3000	-0.0060	-0.0020	0.0000	0.0150	0.0700	0.0800		
	Max	0.7000	1.3610	0.7990	0.2800	0.3760	0.2080	0.1800	0.2160	0.2090		
	Mean	0.5223	0.6690	0.5230	0.1260	0.1980	0.1123	0.1330	0.1437	0.1367		
	Std. Dev	0.1292	0.2326	0.1695	0.0704	0.1082	0.0653	0.0406	0.0350	0.0404		
	Mean - 3 Sigma	0.1347	-0.0287	0.0145	-0.0852	-0.1267	-0.0836	0.0111	0.0387	0.0153		
	Mean + 3 Sigma	0.9098	1.3666	1.0315	0.3373	0.5228	0.3081	0.2550	0.2487	0.2580		
	Limit:	<12mW			<1.25mA			<1mA				

	TOTAL PowerDown POWER			mW	AVDD Standby Pin			mA	DRVDD Standby Pin			mA
	SN	PRE	30k		PRE	30k	PRE		30k	PRE	30k	
CTRL	13	0.390	0.290	0.360	45.80	45.88	45.81	5.140	5.090	5.090		
	1	0.430	0.800	0.290	45.81	46.34	45.83	5.150	5.150	5.170		
	2	0.480	0.660		46.24	45.94		5.190	5.150			
	3	0.460	0.740	0.440	46.04	46.09	45.79	5.040	5.150	5.150		
	4	0.810	0.680		45.65	45.71		5.210	5.150			
	5	0.270	0.330		46.09	46.32		5.100	5.040			
	6	0.550	0.610	0.280	46.00	46.05	46.06	5.170	5.160	5.250		
	7	0.480	0.160	0.380	45.79	45.83	45.69	5.030	5.050	5.060		
	8	0.390	0.520	0.510	46.00	46.30	46.05	5.240	5.130	5.190		
	10	0.380	0.690	0.220	45.92	46.15	45.85	5.140	5.110	5.030		
	11	0.520	0.540	0.400	46.08	46.39	46.16	5.220	5.110	5.150		
	12	0.530	0.400	0.340	45.84	45.57	45.97	5.150	5.090	5.170		
	20	0.670	0.510		46.05	46.04		5.160	5.120			
	31	0.337	0.391		45.299	45.438		5.083	5.070			
	32	0.452	0.846	0.666	46.096	46.118	45.974	5.154	5.155	5.194		
	33	0.602	0.755	0.446	45.555	45.734	45.592	5.077	5.086	5.150		
	34	0.425	0.421	0.474	45.760	45.936	45.739	5.143	5.155	5.154		
	35	0.397	0.743		46.014	45.994		5.221	5.159			
	36	0.285	0.633	0.460	45.331	45.507	45.340	5.040	5.093	4.993		
	37	0.555	0.347	0.422	46.213	46.366	46.222	5.104	5.203	5.245		
	38	0.310	0.913	0.750	45.862	45.905	45.616	5.141	4.989	5.131		
	39	0.391	0.624	0.492	45.643	45.918	45.492	5.021	5.054	5.090		
	40	0.321	0.989		45.953	46.185		5.086	5.059			
	41	0.583	0.792	0.615	45.695	45.813	45.642	5.146	5.225	5.102		
	42	0.559	0.625		45.651	45.769		5.161	5.109			
	Min	0.270	0.160	0.220	45.30	45.44	45.34	5.021	4.989	4.993		
	Max	0.810	0.989	0.750	46.24	46.39	46.22	5.240	5.225	5.250		
	Mean	0.466	0.613	0.449	45.86	45.98	45.81	5.132	5.115	5.139		
	Std. Dev	0.129	0.201	0.141	0.25	0.27	0.25	0.063	0.055	0.071		
	Mean - 3 Sigma	0.079	0.010	0.026	45.11	45.16	45.07	4.944	4.951	4.927		
	Mean + 3 Sigma	0.853	1.217	0.872	46.61	46.79	46.56	5.320	5.279	5.351		
	Limit:	<12mW			<50mA			<6mA				

	TOTAL StandBy POWER			mW	AVDD Standby SPI			mA	DRVDD Standby SPI			mA
	SN	PRE	30k		PRE	30k	PRE		30k	PRE	30k	
CTRL	13	91.680	91.740	91.620	45.820	45.660	45.620	5.200	5.130	5.040		
	1	91.730	92.680	91.810	45.920	46.240	45.700	5.100	5.160	5.060		
	2	92.580	91.960		46.340	46.090		5.120	5.100			
	3	91.940	92.230	91.700	46.040	46.010	45.880	5.050	5.160	5.130		
	4	91.540	91.550		45.870	45.690		5.160	5.110			
	5	92.140	92.430		46.080	46.320		5.110	5.010			
	6	92.120	92.180	92.370	45.970	46.170	45.890	5.200	5.090	5.190		
	7	91.470	91.600	91.350	45.620	45.620	45.700	5.030	4.970	5.110		
	8	92.240	92.580	92.240	45.950	46.190	45.840	5.150	5.100	5.170		
	10	91.920	92.280	91.590	45.720	46.110	45.800	5.160	5.210	5.040		
	11	92.350	92.710	92.380	46.240	46.310	46.210	5.110	5.160	5.130		
	12	91.780	91.190	92.050	45.850	45.860	45.930	5.020	5.110	4.980		
	20	92.180	92.080		46.090	45.920		5.160	5.170			
	31	90.686	90.914		45.183	45.543		5.038	5.070			
	32	92.249	92.291	92.101	46.088	46.271	45.754	5.179	5.160	5.176		
	33	91.137	91.476	91.336	45.514	45.789	45.435	5.139	5.239	5.150		
	34	91.625	91.964	91.606	45.765	45.767	45.808	5.155	5.164	5.186		
	35	92.223	92.075		46.107	46.024		5.211	5.208			
	36	90.669	91.079	90.600	45.184	45.343	45.019	5.114	5.113	5.166		
	37	92.370	92.824	92.641	46.284	46.373	45.980	5.190	5.198	5.186		
	38	91.806	91.610	91.344	45.970	46.033	45.733	5.109	5.141	5.237		
	39	91.195	91.748	91.049	45.824	45.602	45.605	5.166	5.184	5.106		
	40	91.871	92.239		45.907	46.135		5.030	5.054			
	41	91.514	91.869	91.339	45.714	45.704	45.827	5.090	5.113	5.062		
	42	91.462	91.581		45.542	45.802		5.135	5.161			
	Min	90.66900	90.91400	90.60000	45.18300	45.34300	45.01900	5.020	4.970	4.980		
	Max	92.58000	92.82400	92.64100	46.34000	46.37300	46.21000	5.211	5.239	5.237		
	Mean	91.78321	91.96417	91.71913	45.86550	45.95483	45.75694	5.122	5.131	5.130		
	Std. Dev	0.50814	0.51859	0.55044	0.30100	0.28099	0.25980	0.056	0.064	0.067		
	Mean - 3 Sigma	90.25877	90.40840	90.06781	44.96250	45.11187	44.97754	4.954	4.940	4.928		
	Mean + 3 Sigma	93.30764	93.51994	93.37044	46.76850	46.79779	46.53634	5.290	5.323	5.332		
	Limit:	<139mW			<50mA			<6mA				

	TOTAL POWER			mW	AVDD_ALLCH			mA	DRVDD_ALLCH			mA
	SN	PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal		
CTRL	13	91.830	91.420	91.180	194.140	193.880	194.000	59.000	58.770	59.060		
	1	91.840	92.520	91.370	193.950	193.760	194.440	59.280	60.620	61.010		
	2	92.620	92.150		193.910	194.670		61.070	57.260			
	3	91.970	92.110	91.800	194.500	194.400	194.240	57.870	57.250	57.910		
	4	91.860	91.450		193.420	192.850		60.940	60.900			
	5	92.140	92.390		192.270	192.600		59.130	59.210			
	6	92.100	92.260	91.930	194.550	194.590	194.740	61.520	61.240	61.070		
	7	91.180	91.070	91.460	191.410	191.340	191.100	60.190	60.010	60.570		
	8	91.990	92.310	91.820	194.380	194.920	194.390	62.310	62.100	61.950		
	10	91.580	92.380	91.520	193.700	193.820	191.790	59.500	59.250	59.540		
	11	92.430	92.640	92.420	194.590	194.690	194.310	59.760	59.900	59.920		
	12	91.570	91.750	91.640	192.660	192.550	192.540	59.760	59.660	60.510		
	20	92.240	91.950		195.280	194.980		57.980	58.120			
	31	90.398	91.104		190.266	191.021		58.806	59.009			
	32	92.281	92.574	91.674	193.228	193.679	193.300	61.045	61.185	62.817		
	33	91.175	91.849	91.052	193.507	194.005	193.691	59.660	59.456	59.580		
	34	91.656	91.677	91.789	193.610	193.730	193.496	60.103	60.634	60.736		
	35	92.372	92.218		194.171	194.569		60.450	60.636			
	36	90.536	90.820	90.332	192.432	192.577	192.293	58.226	58.424	58.365		
	37	92.654	92.827	92.099	195.249	195.422	195.206	60.215	60.265	60.283		
	38	91.944	92.114	91.745	194.469	195.407	194.369	60.099	59.832	59.867		
	39	91.783	91.414	91.279	192.721	193.264	192.997	60.135	60.196	59.608		
	40	91.687	92.140		192.864	193.630		58.652	59.115			
	41	91.447	91.470	91.601	193.363	193.930	193.188	59.705	59.855	59.541		
	42	91.218	91.732		194.354	194.651		58.448	58.733			
	Min	90.398	90.820	90.332	190.27	191.02	191.10	57.87	57.25	57.91		
	Max	92.654	92.827	92.420	195.28	195.42	195.21	62.31	62.10	62.82		
	Mean	91.778	91.955	91.596	193.54	193.79	193.51	59.79	59.70	60.20		
	Std. Dev	0.581	0.530	0.467	1.18	1.17	1.14	1.13	1.21	1.22		
	Mean - 3 Sigma	90.034	90.364	90.194	189.99	190.30	190.08	56.40	56.08	56.55		
	Mean + 3 Sigma	93.522	93.546	92.997	197.08	197.29	196.93	63.17	63.32	63.86		
	Limit:		<139mW			<232mA			<102mA			

	TOTAL POWER_ALL			mW	Offset_A			Offset_B		
	SN	PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
CTRL	13	455.650	454.770	455.510	-0.330%	-0.330%	-0.330%	-0.240%	-0.250%	-0.250%
	1	455.820	457.900	459.800	-0.280%	-0.340%	-0.280%	-0.190%	-0.230%	-0.190%
	2	458.960	453.470		-0.340%	-0.170%		-0.240%	-0.290%	
	3	454.270	452.970	453.870	-0.160%	-0.160%	-0.160%	-0.280%	-0.290%	-0.290%
	4	457.840	456.740		-0.220%	-0.230%		-0.440%	-0.450%	
	5	452.530	453.260		-0.270%	-0.270%		-0.220%	-0.220%	
	6	460.910	460.490	460.450	-0.240%	-0.250%	-0.240%	-0.210%	-0.220%	-0.220%
	7	452.880	452.420	453.000	-0.140%	-0.130%	-0.140%	-0.290%	-0.290%	-0.290%
	8	462.050	462.630	461.410	-0.300%	-0.300%	-0.280%	-0.290%	-0.290%	-0.290%
	10	455.770	455.530	452.400	-0.320%	-0.320%	-0.180%	-0.350%	-0.360%	-0.500%
	11	457.840	458.260	457.600	-0.190%	-0.200%	-0.180%	-0.340%	-0.340%	-0.350%
	12	454.350	453.980	455.490	-0.130%	-0.130%	-0.130%	-0.270%	-0.270%	-0.270%
	20	455.870	455.580		-0.240%	-0.240%		-0.320%	-0.330%	
	31	448.331	450.054		-0.256%	-0.250%		-0.235%	-0.237%	
	32	457.691	458.756	461.010	-0.087%	-0.090%	-0.099%	-0.272%	-0.271%	-0.267%
	33	455.701	456.229	455.889	-0.173%	-0.183%	-0.177%	-0.306%	-0.310%	-0.316%
	34	456.683	457.855	457.618	-0.325%	-0.329%	-0.326%	-0.318%	-0.331%	-0.333%
	35	458.318	459.369		-0.366%	-0.366%		-0.368%	-0.365%	
	36	451.184	451.801	451.184	-0.240%	-0.251%	-0.239%	-0.151%	-0.160%	-0.151%
	37	459.836	460.238	459.880	-0.182%	-0.186%	-0.182%	-0.251%	-0.256%	-0.250%
	38	458.223	459.430	457.625	-0.254%	-0.263%	-0.253%	-0.304%	-0.295%	-0.306%
	39	455.140	456.227	454.689	-0.327%	-0.323%	-0.320%	-0.412%	-0.416%	-0.412%
	40	452.728	454.942		-0.257%	-0.262%		-0.363%	-0.364%	
	41	455.522	456.813	454.914	-0.278%	-0.282%	-0.269%	-0.223%	-0.231%	-0.228%
	42	455.043	456.092		-0.228%	-0.230%		-0.259%	-0.253%	
	Min	448.33	450.05	451.18	-0.366%	-0.366%	-0.326%	-0.440%	-0.450%	-0.500%
	Max	462.05	462.63	461.41	-0.087%	-0.090%	-0.099%	-0.151%	-0.160%	-0.151%
	Mean	455.98	456.29	456.68	-0.242%	-0.240%	-0.216%	-0.288%	-0.295%	-0.291%
	Std. Dev	3.14	3.08	3.24	0.072%	0.072%	0.069%	0.069%	0.067%	0.084%
	Mean - 3 Sigma	446.56	447.04	446.97	-0.457%	-0.457%	-0.423%	-0.496%	-0.495%	-0.544%
	Mean + 3 Sigma	465.40	465.54	466.38	-0.027%	-0.023%	-0.009%	-0.079%	-0.094%	-0.039%
	Limit:		<700mA			-1.1% to +0.2%			-1.1% to +0.2%	

CTRL	SN	Offset_C			Offset_D			Offset_E		
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	-0.040%	-0.050%	-0.050%	-0.430%	-0.420%	-0.420%	-0.290%	-0.280%	-0.290%
	1	-0.310%	-0.280%	-0.300%	-0.230%	-0.300%	-0.230%	-0.150%	-0.450%	-0.150%
	2	-0.280%	-0.190%		-0.290%	-0.260%		-0.440%	-0.340%	
	3	-0.180%	-0.190%	-0.180%	-0.270%	-0.260%	-0.270%	-0.330%	-0.330%	-0.330%
	4	-0.290%	-0.290%		-0.320%	-0.310%		-0.470%	-0.480%	
	5	-0.140%	-0.130%		-0.410%	-0.400%		-0.200%	-0.210%	
	6	-0.310%	-0.310%	-0.300%	-0.300%	-0.310%	-0.310%	-0.130%	-0.120%	-0.120%
	7	-0.280%	-0.270%	-0.280%	-0.410%	-0.420%	-0.420%	-0.310%	-0.320%	-0.310%
	8	-0.210%	-0.210%	-0.220%	-0.290%	-0.300%	-0.300%	-0.280%	-0.270%	-0.270%
	10	-0.350%	-0.360%	-0.370%	-0.200%	-0.200%	-0.340%	-0.300%	-0.300%	-0.380%
	11	-0.170%	-0.170%	-0.170%	-0.270%	-0.270%	-0.280%	-0.330%	-0.330%	-0.340%
	12	-0.290%	-0.290%	-0.300%	-0.380%	-0.390%	-0.380%	-0.310%	-0.310%	-0.310%
	20	-0.390%	-0.390%		-0.310%	-0.310%		-0.260%	-0.260%	
	31	-0.248%	-0.247%		-0.314%	-0.308%		-0.307%	-0.317%	
	32	-0.124%	-0.133%	-0.126%	-0.263%	-0.266%	-0.276%	-0.284%	-0.288%	-0.300%
	33	-0.256%	-0.266%	-0.262%	-0.391%	-0.389%	-0.385%	-0.314%	-0.304%	-0.310%
	34	-0.267%	-0.268%	-0.251%	-0.230%	-0.239%	-0.242%	-0.274%	-0.282%	-0.273%
	35	-0.264%	-0.277%		-0.335%	-0.340%		-0.171%	-0.178%	
	36	-0.305%	-0.312%	-0.311%	-0.242%	-0.236%	-0.238%	-0.262%	-0.264%	-0.259%
	37	-0.354%	-0.349%	-0.359%	-0.403%	-0.405%	-0.399%	-0.256%	-0.267%	-0.265%
	38	-0.259%	-0.265%	-0.263%	-0.485%	-0.489%	-0.488%	-0.132%	-0.138%	-0.134%
	39	-0.256%	-0.263%	-0.253%	-0.403%	-0.398%	-0.400%	-0.351%	-0.347%	-0.354%
	40	-0.287%	-0.288%		-0.302%	-0.301%		-0.363%	-0.367%	
	41	-0.259%	-0.265%	-0.264%	-0.248%	-0.254%	-0.249%	-0.436%	-0.430%	-0.424%
	42	-0.201%	-0.209%		-0.380%	-0.383%		-0.392%	-0.399%	
	Min	-0.390%	-0.390%	-0.370%	-0.485%	-0.489%	-0.488%	-0.470%	-0.480%	-0.424%
	Max	-0.124%	-0.130%	-0.126%	-0.200%	-0.200%	-0.230%	-0.130%	-0.120%	-0.120%
	Mean	-0.262%	-0.259%	-0.263%	-0.320%	-0.322%	-0.325%	-0.294%	-0.304%	-0.283%
	Std. Dev	0.065%	0.066%	0.065%	0.073%	0.072%	0.078%	0.092%	0.088%	0.086%
	Mean - 3 Sigma	-0.457%	-0.457%	-0.459%	-0.539%	-0.538%	-0.559%	-0.571%	-0.569%	-0.540%
	Mean + 3 Sigma	-0.066%	-0.062%	-0.067%	-0.101%	-0.107%	-0.092%	-0.017%	-0.040%	-0.026%
	Limit:		-1.1% to +0.2%			-1.1% to +0.2%			-1.1% to +0.2%	

CTRL	SN	Offset_F			Offset_G			Offset_H		
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	-0.280%	-0.280%	-0.290%	-0.280%	-0.290%	-0.290%	-0.290%	-0.280%	-0.280%
	1	-0.170%	-0.380%	-0.160%	-0.230%	-0.230%	-0.230%	-0.120%	-0.290%	-0.120%
	2	-0.390%	-0.050%	0.000%	-0.240%	-0.300%		-0.290%	-0.250%	
	3	-0.050%	-0.040%	-0.050%	-0.050%	-0.300%	-0.310%	-0.330%	-0.250%	-0.250%
	4	-0.320%	-0.310%	0.000%	-0.300%	-0.300%		-0.350%	-0.360%	
	5	-0.300%	-0.310%	0.000%	-0.260%	-0.250%		-0.220%	-0.230%	
	6	-0.180%	-0.180%	-0.180%	-0.310%	-0.300%	-0.320%	-0.200%	-0.190%	-0.190%
	7	-0.280%	-0.270%	-0.260%	-0.270%	-0.270%	-0.270%	-0.100%	-0.100%	-0.090%
	8	-0.260%	-0.270%	-0.260%	-0.260%	-0.260%	-0.270%	-0.210%	-0.220%	-0.210%
	10	-0.380%	-0.380%	-0.220%	-0.260%	-0.260%	-0.310%	-0.350%	-0.360%	-0.200%
	11	-0.320%	-0.330%	-0.330%	-0.380%	-0.380%	-0.380%	-0.220%	-0.230%	-0.230%
	12	-0.240%	-0.250%	-0.250%	-0.280%	-0.290%	-0.290%	-0.390%	-0.390%	-0.400%
	20	-0.310%	-0.310%	0.000%	-0.320%	-0.320%		-0.300%	-0.310%	
	31	-0.248%	-0.250%	0.000%	-0.282%	-0.275%		-0.285%	-0.284%	
	32	-0.162%	-0.159%	-0.150%	-0.162%	-0.166%	-0.174%	-0.074%	-0.079%	-0.074%
	33	-0.249%	-0.254%	-0.259%	-0.234%	-0.230%	-0.223%	-0.216%	-0.224%	-0.220%
	34	-0.107%	-0.101%	-0.102%	-0.323%	-0.330%	-0.324%	-0.343%	-0.341%	-0.340%
	35	-0.342%	-0.337%	0.000%	-0.229%	-0.220%		-0.236%	-0.239%	
	36	-0.314%	-0.299%	-0.302%	-0.257%	-0.244%	-0.254%	-0.216%	-0.223%	-0.216%
	37	-0.110%	-0.104%	-0.104%	-0.410%	-0.411%	-0.419%	-0.199%	-0.206%	-0.191%
	38	-0.350%	-0.347%	-0.347%	-0.285%	-0.283%	-0.284%	-0.176%	-0.180%	-0.176%
	39	-0.240%	-0.237%	-0.237%	-0.281%	-0.279%	-0.276%	-0.185%	-0.188%	-0.182%
	40	-0.167%	-0.165%	0.000%	-0.112%	-0.118%		-0.157%	-0.166%	
	41	-0.221%	-0.210%	-0.220%	-0.231%	-0.237%	-0.229%	-0.192%	-0.205%	-0.196%
	42	-0.269%	-0.269%	0.000%	-0.290%	-0.295%		-0.301%	-0.311%	
	Min	-0.390%	-0.380%	-0.347%	-0.410%	-0.411%	-0.419%	-0.390%	-0.390%	-0.400%
	Max	-0.050%	-0.040%	0.000%	-0.118%	-0.118%	-0.174%	-0.074%	-0.079%	-0.074%
	Mean	-0.249%	-0.242%	-0.143%	-0.261%	-0.273%	-0.285%	-0.236%	-0.243%	-0.205%
	Std. Dev	0.089%	0.098%	0.124%	0.075%	0.061%	0.060%	0.084%	0.078%	0.081%
	Mean - 3 Sigma	-0.517%	-0.535%	-0.514%	-0.487%	-0.455%	-0.467%	-0.487%	-0.476%	-0.449%
	Mean + 3 Sigma	0.019%	0.051%	0.228%	-0.034%	-0.091%	-0.104%	0.015%	-0.009%	0.038%
	Limit:		-1.1% to +0.2%			-1.1% to +0.2%			-1.1% to +0.2%	

CTRL	SN	Offset_Match			DC_Gain_Error A			DC_Gain_Error B		
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	0.390%	0.370%	0.370%	-2.460%	-2.920%	-2.580%	-3.700%	-4.120%	-3.810%
	1	0.200%	0.220%	0.190%	-2.260%	-2.000%	-2.110%	-4.100%	-2.810%	-3.950%
	2	0.210%	0.290%		-1.700%	-3.580%		-2.330%	-4.340%	
	3	0.280%	0.290%	0.280%	-2.980%	-3.380%	-3.170%	-3.840%	-4.190%	-4.010%
	4	0.250%	0.250%		-2.280%	-2.550%		-3.030%	-3.290%	
	5	0.270%	0.270%		-0.440%	-0.580%		-1.860%	-2.070%	
	6	0.190%	0.200%	0.200%	-2.480%	-2.340%	-2.690%	-2.680%	-2.540%	-2.760%
	7	0.320%	0.320%	0.330%	-2.080%	-2.070%	-2.290%	-1.680%	-1.710%	-1.910%
	8	0.080%	0.080%	0.090%	-1.990%	-2.360%	-2.440%	-2.980%	-3.340%	-3.320%
	10	0.190%	0.180%	0.320%	-1.320%	-1.170%	-1.130%	-0.840%	-0.800%	-3.700%
	11	0.210%	0.210%	0.210%	-2.510%	-1.730%	-2.380%	-4.100%	-3.640%	-3.980%
	12	0.260%	0.260%	0.260%	-2.400%	-2.420%	-2.250%	-3.480%	-3.550%	-3.380%
	20	0.150%	0.160%		-2.760%	-3.020%		-3.470%	-3.730%	
	31	0.079%	0.080%		-2.618%	-2.370%		-2.415%	-2.158%	
	32	0.210%	0.209%	0.225%	-2.022%	-1.631%	-1.913%	-3.111%	-2.803%	-3.062%
	33	0.218%	0.206%	0.208%	-2.567%	-2.786%	-2.739%	-1.518%	-1.548%	-1.548%
	34	0.237%	0.240%	0.239%	-2.201%	-1.760%	-2.252%	-3.250%	-2.768%	-3.121%
	35	0.197%	0.188%		-2.476%	-2.091%		-3.379%	-3.063%	
	36	0.163%	0.153%	0.160%	-2.679%	-2.201%	-2.736%	-2.262%	-1.853%	-2.370%
	37	0.300%	0.307%	0.315%	-3.139%	-2.603%	-2.834%	-4.048%	-3.696%	-3.852%
	38	0.353%	0.351%	0.355%	-1.817%	-1.558%	-1.811%	-3.834%	-3.635%	-3.874%
	39	0.226%	0.230%	0.230%	-2.202%	-1.838%	-2.548%	-2.852%	-2.538%	-3.175%
	40	0.251%	0.249%		-2.675%	-2.072%		-2.978%	-2.404%	
	41	0.244%	0.226%	0.228%	-2.058%	-1.632%	-2.207%	-2.769%	-2.448%	-2.887%
	42	0.191%	0.190%		-1.764%	-1.201%		-3.322%	-2.812%	
	Min	0.079%	0.080%	0.090%	-3.139%	-3.580%	-3.170%	-4.100%	-4.340%	-4.010%
	Max	0.353%	0.351%	0.355%	-0.440%	-0.580%	-1.811%	-0.840%	-0.800%	-1.548%
	Mean	0.220%	0.223%	0.240%	-2.226%	-2.123%	-2.469%	-2.922%	-2.831%	-3.181%
	Std. Dev	0.065%	0.067%	0.069%	0.568%	0.690%	0.395%	0.859%	0.861%	0.748%
	Mean - 3 Sigma	0.026%	0.023%	0.034%	-3.930%	-4.192%	-3.653%	-5.499%	-5.413%	-5.426%
	Mean + 3 Sigma	0.414%	0.423%	0.446%	-0.522%	-0.053%	-1.285%	-0.345%	-0.250%	-0.937%
	Limit:	<0.8%			-10% to +2%			-10% to +2%		

CTRL	SN	DC_Gain_Error C			DC_Gain_Error D			DC_Gain_Error E		
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	-2.530%	-2.980%	-2.690%	-3.590%	-4.000%	-3.780%	-3.300%	-3.730%	-2.860%
	1	-2.910%	-1.200%	-2.790%	-3.570%	-2.940%	-3.490%	-3.440%	-3.080%	-3.520%
	2	-0.720%	-3.630%	0.000%	-2.560%	-4.220%		-2.630%	-4.150%	
	3	-3.080%	-3.550%	-3.300%	-3.850%	-4.100%	-3.980%	-3.900%	-3.790%	-3.450%
	4	-2.330%	-2.500%		-2.670%	-2.560%		-1.860%	-3.310%	
	5	-2.080%	-2.200%		-2.010%	-2.110%		-2.550%	-2.590%	
	6	-2.780%	-2.710%	-2.920%	-2.560%	-2.440%	-2.600%	-2.970%	-3.210%	-3.090%
	7	-1.860%	-1.870%	-2.060%	-3.040%	-3.040%	-3.190%	-2.330%	-2.510%	-2.610%
	8	-2.410%	-2.620%	-2.700%	-3.460%	-3.670%	-3.680%	-3.830%	-3.020%	-2.950%
	10	-2.400%	-2.330%	-2.740%	-2.680%	-2.680%	-3.420%	-3.190%	-3.280%	-3.190%
	11	-2.550%	-1.820%	-2.160%	-4.480%	-4.050%	-4.320%	-2.480%	-3.420%	-3.030%
	12	-2.550%	-2.740%	-2.540%	-3.360%	-3.460%	-3.390%	-2.180%	-2.470%	-2.240%
	20	-3.210%	-3.470%		-2.850%	-3.110%		-2.360%	-2.710%	
	31	-2.568%	-2.305%		-3.230%	-3.014%		-2.632%	-2.343%	
	32	-2.251%	-1.982%	-2.181%	-2.096%	-1.792%	-1.993%	-3.192%	-3.518%	-3.511%
	33	-2.013%	-2.261%	-2.204%	-3.177%	-3.417%	-3.404%	-3.485%	-3.849%	-3.612%
	34	-2.373%	-2.019%	-2.499%	-3.337%	-2.997%	-3.279%	-2.456%	-2.605%	-2.563%
	35	-2.923%	-2.689%		-3.764%	-3.587%		-2.873%	-3.212%	
	36	-2.732%	-2.383%	-2.868%	-2.872%	-2.641%	-3.011%	-2.722%	-3.205%	-2.200%
	37	-3.246%	-2.864%	-3.060%	-4.219%	-3.801%	-3.899%	-3.237%	-4.053%	-4.160%
	38	-2.579%	-2.467%	-2.700%	-3.699%	-3.602%	-3.800%	-2.926%	-3.420%	-3.256%
	39	-2.086%	-1.790%	-2.432%	-2.812%	-2.588%	-3.176%	-2.532%	-2.775%	-2.354%
	40	-2.665%	-2.040%		-4.800%	-4.274%		-2.910%	-3.016%	
	41	-1.946%	-1.599%	-1.902%	-3.336%	-3.063%	-3.283%	-2.008%	-2.336%	-2.352%
	42	-1.837%	-1.314%		-3.384%	-2.701%		-1.221%	-2.215%	
	Min	-3.246%	-3.630%	-3.300%	-4.800%	-4.274%	-4.320%	-3.900%	-4.150%	-4.160%
	Max	-0.720%	-1.200%	0.000%	-2.010%	-1.792%	-1.993%	-1.221%	-2.215%	-2.200%
	Mean	-2.421%	-2.348%	-2.415%	-3.242%	-3.161%	-3.370%	-2.746%	-3.087%	-3.006%
	Std. Dev	0.544%	0.635%	0.728%	0.688%	0.668%	0.551%	0.621%	0.552%	0.575%
	Mean - 3 Sigma	-4.052%	-4.252%	-4.599%	-5.307%	-5.164%	-5.023%	-4.609%	-4.742%	-4.731%
	Mean + 3 Sigma	-0.789%	-0.444%	-0.231%	-1.177%	-1.157%	-1.716%	-0.884%	-1.432%	-1.280%
	Limit:	-10% to +2%			-10% to +2%			-10% to +2%		

CTRL	SN	DC_Gain_Error F			DC_Gain_Error G			DC_Gain_Error H		
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	-2.450%	-2.870%	-2.110%	-2.97%	-3.37%	-2.64%	-3.40%	-3.82%	-3.05%
	1	-2.810%	-2.770%	-2.840%	-3.57%	-2.48%	-3.67%	-3.92%	-2.66%	-3.97%
	2	-2.440%	-4.150%		-2.14%	-4.48%		-2.24%	-4.36%	
	3	-3.750%	-3.760%	-3.530%	-2.98%	-4.11%	-3.92%	-3.90%	-3.98%	-3.78%
	4	-0.160%	-1.580%		-2.65%	-3.87%		-1.54%	-2.73%	
	5	-2.550%	-2.470%		-2.78%	-2.80%		-2.07%	-2.01%	
	6	-2.710%	-2.800%	-2.830%	-2.66%	-2.66%	-2.81%	-2.74%	-2.77%	-2.91%
	7	-1.860%	-2.100%	-2.160%	-2.61%	-2.66%	-2.92%	-2.00%	-2.05%	-2.28%
	8	-3.320%	-2.510%	-2.650%	-3.50%	-2.68%	-3.00%	-2.98%	-2.10%	-2.50%
	10	-2.940%	-2.910%	-2.880%	-2.48%	-2.43%	-2.56%	-2.91%	-2.87%	-2.45%
	11	-2.370%	-3.090%	-2.860%	-3.15%	-3.68%	-3.53%	-3.35%	-3.85%	-3.65%
	12	-1.420%	-1.720%	-1.540%	-2.22%	-2.69%	-2.50%	-2.83%	-3.13%	-2.83%
	20	-3.070%	-3.450%		-3.49%	-3.91%		-3.32%	-3.75%	
	31	-2.772%	-2.390%		-4.167%	-3.801%		-2.772%	-2.288%	
	32	-3.085%	-3.322%	-3.607%	-3.035%	-3.316%	-3.624%	-2.842%	-3.080%	-3.269%
	33	-1.390%	-1.630%	-1.491%	-2.862%	-3.186%	-3.085%	-2.710%	-3.083%	-2.992%
	34	-2.256%	-2.384%	-2.511%	-3.211%	-3.143%	-3.355%	-2.537%	-2.466%	-2.599%
	35	-2.313%	-2.600%		-2.881%	-3.091%		-2.683%	-2.867%	
	36	-2.658%	-3.088%	-2.393%	-3.025%	-3.403%	-2.871%	-2.590%	-2.917%	-2.502%
	37	-2.609%	-3.167%	-3.352%	-2.530%	-2.946%	-3.089%	-3.245%	-3.569%	-3.780%
	38	-2.917%	-3.288%	-3.290%	-3.440%	-3.723%	-3.888%	-2.685%	-2.916%	-3.122%
	39	-2.773%	-2.843%	-2.807%	-3.097%	-3.123%	-3.231%	-2.396%	-2.476%	-2.651%
	40	-2.786%	-2.888%		-2.920%	-2.946%		-2.407%	-2.296%	
	41	-2.466%	-2.777%	-2.865%	-3.277%	-3.582%	-3.744%	-3.177%	-3.509%	-3.666%
	42	-1.503%	-2.126%		-1.229%	-1.524%		-1.641%	-1.744%	
	Min	-3.750%	-4.150%	-3.607%	-4.17%	-4.48%	-3.92%	-3.92%	-4.36%	-3.97%
	Max	-0.160%	-1.580%	-1.491%	-1.23%	-1.52%	-2.50%	-1.54%	-1.74%	-2.28%
	Mean	-2.455%	-2.742%	-2.725%	-2.91%	-3.18%	-3.24%	-2.73%	-2.89%	-3.06%
	Std. Dev	0.753%	0.641%	0.613%	0.58%	0.65%	0.45%	0.60%	0.68%	0.56%
	Mean - 3 Sigma	-4.713%	-4.667%	-4.565%	-4.66%	-5.14%	-4.60%	-4.52%	-4.93%	-4.74%
	Mean + 3 Sigma	-0.198%	-0.818%	-0.886%	-1.17%	-1.22%	-1.87%	-0.94%	-0.86%	-1.38%
	Limit:		-10% to +2%			-10% to +2%			-10% to +2%	

CTRL	SN	Gain_Match			SNR_ChA_20			dBFS	Sinad_ChA_20			dBFS
		PRE	30k	Anneal	PRE	30k	Anneal		PRE	30k	Anneal	
	13	1.25%	1.26%	1.70%	76.12	76.00	75.92	74.89	74.81	74.72		
	1	1.84%	1.89%	1.86%	76.03	75.99	75.88	74.86	74.74	74.67		
	2	1.91%	0.90%		76.19	76.03		74.98	74.18			
	3	0.92%	0.81%	0.83%	76.41	75.90	76.06	75.20	74.05	74.85		
	4	2.88%	2.30%		76.18	76.05		75.02	74.81			
	5	2.34%	2.21%		75.77	75.62		74.51	74.30			
	6	0.49%	0.87%	0.48%	76.31	76.33	76.16	75.09	75.12	74.88		
	7	1.35%	1.32%	1.28%	76.14	76.18	76.13	74.82	74.87	74.84		
	8	1.84%	1.57%	1.24%	76.25	76.11	76.13	75.03	74.88	74.90		
	10	2.35%	2.48%	1.25%	75.56	75.57	76.32	74.23	74.15	75.10		
	11	2.11%	2.32%	2.16%	75.87	75.83	75.97	74.67	74.59	74.70		
	12	2.06%	1.83%	1.85%	76.13	76.04	76.07	74.92	74.84	74.88		
	20	1.13%	1.20%		76.10	75.99		74.84	74.77			
	31	1.752%	1.642%		76.079	76.116		74.830	74.838			
	32	1.170%	1.887%	1.710%	76.166	76.356	76.221	74.953	75.055	74.943		
	33	2.095%	2.220%	2.121%	76.490	76.395	76.193	75.228	75.149	74.965		
	34	1.136%	1.383%	1.103%	75.918	75.850	75.830	74.664	74.609	74.587		
	35	1.451%	1.495%		75.841	75.895		74.580	74.664			
	36	0.763%	1.550%	0.810%	76.081	76.067	76.091	74.839	74.859	74.887		
	37	1.689%	1.450%	1.325%	76.262	76.325	76.165	74.862	75.020	74.922		
	38	2.017%	2.165%	2.078%	76.144	75.910	75.984	74.857	74.702	74.766		
	39	1.011%	1.333%	0.877%	76.013	75.871		74.813	74.635	74.646		
	40	2.393%	2.234%		76.339	76.314	0.000	75.149	75.102			
	41	1.390%	1.984%	1.842%	76.379	76.282	76.178	75.167	75.052	74.994		
	42	2.164%	1.611%		76.226	76.208		74.966	74.928			
	Min	0.49%	0.81%	0.48%	75.561	75.571	75.878	74.231	74.046	74.668		
	Max	2.88%	2.48%	2.16%	76.407	76.330	76.318	75.200	75.115	75.099		
	Mean	1.68%	1.69%	1.43%	76.078	75.972	76.089	74.846	74.608	74.853		
	Std. Dev	0.60%	0.49%	0.53%	0.240	0.216	0.131	0.269	0.349	0.132		
	Mean - 3 Sigma	-0.11%	0.23%	-0.16%	75.358	75.323	75.695	74.040	73.560	74.458		
	Mean + 3 Sigma	3.47%	3.16%	3.01%	76.797	76.620	76.482	75.652	75.656	75.247		
	Limit:		-2% to +8%			>56dBFS			>54dBFS			

CTRL	SN	SFDR_ChA_20		dB	WOSPur_ChA_20		dB	H2_ChA_20		dBc
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
13		-93.45	-94.23	-92.34	-98.09	-96.26	-97.09	-92.78	-94.40	-91.71
1		-94.62	-92.01	-93.01	-96.53	-97.04	-94.89	-95.82	-91.48	-94.84
2		-91.91	-86.02		-100.08	-91.37		-91.29	-96.25	
3		-93.46	-86.10	-93.14	-101.20	-97.32	-96.80	-96.45	-96.69	-93.47
4		-95.05	-93.04		-94.68	-98.52		-97.35	-93.03	
5		-90.95	-88.98		-97.49	-96.21		-92.73	-95.38	
6		-92.59	-93.18	-92.99	-95.81	-97.08	-97.00	-93.18	-92.60	-93.03
7		-89.64	-90.06	-89.59	-96.75	-99.01	-97.71	-88.86	-89.21	-88.82
8		-92.72	-92.76	-91.46	-98.85	-96.27	-94.51	-92.56	-92.36	-90.58
10		-89.50	-86.12	-94.07	-97.20	-96.30	-96.52	-88.76	-85.19	-96.08
11		-92.71	-91.50	-90.99	-95.58	-97.51	-97.15	-92.10	-90.82	-90.33
12		-93.68	-94.80	-93.74	-98.75	-97.68	-94.36	-93.16	-94.46	-93.04
20		-91.69	-93.53		-97.62	-96.80		-91.34	-94.37	
31		-89.754	-89.486		-97.368	-97.555		-88.942	-88.665	
32		-91.528	-90.596	-90.270	-97.429	-96.359	-97.560	-91.098	-89.973	-89.866
33		-91.145	-93.128	-92.214	-98.076	-95.445	-94.954	-90.817	-92.794	-91.710
34		-92.107	-91.018	-91.164	-98.585	-98.471	-96.315	-91.662	-90.397	-90.849
35		-91.214	-93.042		-96.076	-97.160		-91.535	-95.656	
36		-91.887	-94.964	-94.188	-96.417	-96.106	-95.096	-91.389	-94.611	-94.011
37		-89.054	-90.034	-91.515	-96.603	-98.514	-96.453	-88.645	-89.435	-91.077
38		-90.555	-92.688	-92.761	-99.704	-96.059	-97.304	-90.213	-92.468	-93.219
39		-93.933	-92.583	-91.193	-94.152	-93.959	-96.463	-94.620	-92.333	-90.750
40		-93.103	-93.215		-97.627	-97.018		-92.931	-92.771	
41		-93.841	-92.252	-93.623	-100.232	-97.486	-96.095	-93.899	-91.675	-95.751
42		-91.624	-92.003		-99.693	-97.525		-91.150	-91.365	
Min		-95.048	-94.798	-94.069	-101.202	-99.008	-97.706	-97.353	-96.686	-96.079
Max		-89.498	-86.015	-89.587	-94.152	-91.368	-94.361	-88.645	-85.187	-88.823
Mean		-92.376	-90.674	-92.373	-97.604	-96.782	-96.198	-92.104	-92.248	-92.339
Std. Dev		1.753	3.170	1.541	1.788	1.595	1.102	2.345	2.684	2.161
Mean - 3 Sigma		-97.635	-100.185	-96.995	-102.967	-101.567	-99.503	-99.139	-100.300	-98.822
Mean + 3 Sigma		-87.117	-81.163	-87.751	-92.241	-91.997	-92.893	-85.069	-84.197	-85.856
Limit:		<-57dB			<-62dB			<-59dBc		

CTRL	SN	H3_ChA_20		dBc	SNR_ChB_20		dBFS	Sinad_ChB_20		dBFS
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
13		-95.99	-95.40	-104.90	76.23	76.14	76.21	75.09	74.99	75.07
1		-102.83	-101.01	-99.26	76.26	76.20	76.15	75.08	75.06	74.97
2		-104.12	-97.62		76.37	76.07		75.24	74.93	
3		-94.96	-92.97	-105.92	76.29	76.14	75.98	75.13	74.97	74.84
4		-96.57	-97.28		76.25	76.21		75.13	75.03	
5		-91.31	-88.68		76.38	76.41		75.19	75.23	
6		-100.10	-96.85	-94.82	76.37	76.38	76.30	75.20	75.24	75.14
7		-93.17	-100.21	-96.52	76.27	76.31	76.28	75.10	75.14	75.12
8		-99.42	-106.11	-98.99	76.33	76.28	76.13	75.15	75.09	74.93
10		-94.44	-98.48	-94.96	75.91	75.85	76.09	74.70	74.63	74.81
11		-104.08	-95.98	-95.40	76.24	76.10	76.06	75.02	74.93	74.90
12		-98.88	-98.16	-99.93	76.24	76.11	76.02	75.10	74.94	74.87
20		-95.45	-95.70		76.36	76.18		75.24	75.03	
31		-108.304	-106.182		76.388	76.405		75.231	75.184	
32		-110.798	-97.477	-97.555	76.692	76.568	76.394	75.521	75.397	75.232
33		-98.209	-99.311	-104.001	75.639	75.645	75.881	74.332	74.145	74.338
34		-95.576	-103.753	-102.349	76.412	76.442	76.227	75.187	75.281	75.041
35		-96.095	-97.064		76.163	76.220		75.010	75.038	
36		-98.482	-104.401	-98.336	76.327	76.187	76.194	75.176	75.043	75.027
37		-98.822	-105.732	-101.146	76.047	76.223	75.983	74.791	75.009	74.769
38		-101.883	-99.666	-102.829	76.304	76.286	76.319	75.109	75.067	75.112
39		-100.938	-111.677	-101.167	76.290	76.293	76.274	75.118	75.127	75.070
40		-109.018	-111.134		76.283	76.236		75.132	75.067	
41		-97.298	-97.758	-97.555	76.375	76.271	76.273	75.121	75.007	75.023
42		-101.144	-99.781		76.483	76.432		75.326	75.280	
Min		-110.798	-111.677	-105.915	75.639	75.645	75.881	74.332	74.145	74.338
Max		-91.307	-88.681	-94.822	76.692	76.568	76.394	75.521	75.397	75.232
Mean		-99.662	-100.125	-99.421	76.278	76.227	76.160	75.097	75.036	74.949
Std. Dev		4.992	5.375	3.302	0.198	0.194	0.146	0.226	0.244	0.208
Mean - 3 Sigma		-114.640	-116.248	-109.328	75.684	75.646	75.721	74.419	74.304	74.324
Mean + 3 Sigma		-84.685	-84.001	-89.515	76.873	76.807	76.599	75.776	75.768	75.575
Limit:		<-59dBc			>56dBFS			>54dBFS		

CTRL	SN	SFDR_ChB_20			WOSPur_ChB_20			H2_ChB_20			dBc
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal	
	13	-96.11	-95.77	-94.32	-96.83	-96.03	-96.40	-96.78	-97.62	-102.40	
	1	-92.63	-95.60	-92.95	-97.80	-96.51	-97.41	-102.23	-105.76	-111.13	
	2	-96.76	-94.52		-97.81	-99.09		-98.88	-102.30		
	3	-94.52	-94.65	-94.09	-94.42	-94.55	-95.18	-99.76	-100.28	-97.19	
	4	-96.61	-94.93		-98.40	-99.31		-98.60	-95.03		
	5	-95.14	-93.27		-99.11	-99.02		-94.71	-102.24		
	6	-94.43	-95.85	-94.49	-98.81	-97.53	-97.87	-108.34	-104.12	-101.74	
	7	-95.51	-94.19	-93.68	-97.71	-94.69	-97.94	-97.17	-103.99	-111.04	
	8	-92.82	-94.16	-92.62	-99.21	-94.85	-98.77	-92.46	-93.95	-93.88	
	10	-92.55	-93.17	-90.55	-97.99	-96.79	-97.20	-91.78	-92.27	-90.28	
	11	-92.50	-94.73	-92.59	-97.99	-95.59	-94.99	-92.01	-95.12	-108.55	
	12	-95.89	-95.04	-95.36	-97.84	-97.12	-96.06	-95.81	-95.54	-96.05	
	20	-95.45	-94.69		-97.35	-97.19		-121.55	-105.74		
	31	-95.185	-92.902		-95.574	-96.964		-94.510	-92.268		
	32	-95.199	-95.255	-93.493	-96.163	-96.509	-95.810	-95.215	-101.916	-106.240	
	33	-92.148	-88.411	-88.342	-91.972	-91.698	-94.987	-94.958	-90.150	-88.197	
	34	-93.026	-95.499	-94.045	-99.116	-96.898	-93.767	-92.901	-97.063	-94.461	
	35	-95.833	-92.895		-96.169	-97.259		-100.014	-111.245		
	36	-95.247	-95.083	-93.816	-99.577	-97.744	-99.810	-101.627	-109.843	-97.154	
	37	-89.959	-91.146	-92.511	-95.833	-98.517	-95.949	-89.304	-90.192	-91.709	
	38	-94.546	-92.090	-93.082	-93.790	-98.243	-98.715	-94.067	-91.415	-93.567	
	39	-94.793	-95.528	-92.905	-99.259	-97.962	-94.789	-95.494	-99.352	-95.812	
	40	-93.838	-94.547		-98.071	-96.696		-93.914	-94.210		
	41	-90.902	-90.434	-91.618	-95.850	-95.548	-98.004	-90.209	-89.601	-90.823	
	42	-95.310	-95.900		-98.219	-97.143		-102.149	-111.501		
	Min	-96.759	-95.900	-95.360	-99.577	-99.311	-99.810	-121.554	-111.501	-111.126	
	Max	-89.959	-88.411	-88.342	-91.972	-91.698	-93.767	-89.304	-89.601	-88.197	
	Mean	-94.200	-93.937	-92.884	-97.251	-96.809	-96.703	-97.403	-98.962	-97.976	
	Std. Dev	1.764	1.868	1.662	1.920	1.712	1.743	6.792	6.868	7.493	
	Mean - 3 Sigma	-99.491	-99.542	-97.870	-103.012	-101.946	-101.933	-117.780	-119.567	-120.457	
	Mean + 3 Sigma	-88.908	-88.333	-87.898	-91.491	-91.671	-91.474	-77.026	-78.358	-75.496	
	Limit:	<-57dB			<-62dB			<-59dBc			

CTRL	SN	H3_ChB_20			SNR_ChC_20			Sinad_ChC_20			dBFS
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal	
	13	-104.26	-96.88	-100.80	76.53	76.58	76.44	75.39	75.41	75.27	
	1	-93.01	-99.03	-93.78	76.09	76.21	75.86	74.93	75.09	74.63	
	2	-99.51	-105.70		76.29	76.21		75.15	75.03		
	3	-103.64	-96.16	-101.84	76.29	76.28	76.28	75.12	75.10	75.05	
	4	-107.81	-99.70		75.84	75.86		73.55	73.57		
	5	-100.41	-93.95		76.39	76.34		75.24	75.21		
	6	-97.43	-99.66	-97.92	76.45	76.39	76.23	75.00	74.96	75.00	
	7	-98.67	-96.71	-96.46	76.44	76.40	76.48	75.28	75.21	75.28	
	8	-103.21	-100.18	-93.98	76.34	76.27	76.29	75.12	75.10	75.15	
	10	-95.92	-94.42	-96.53	76.31	76.16	76.29	75.15	75.00	75.14	
	11	-95.25	-101.49	-93.95	75.84	75.60	75.55	74.66	74.41	74.42	
	12	-98.39	-106.43	-98.92	76.44	76.20	76.34	75.30	75.04	75.18	
	20	-100.42	-100.99		76.11	76.08		74.97	74.90		
	31	-105.786	-99.552		76.514	76.318		75.342	75.171		
	32	-95.831	-98.469	-94.775	76.709	76.616	76.519	75.496	75.423	75.302	
	33	-96.292	-97.955	-88.851	76.603	76.519	76.368	75.469	75.411	75.242	
	34	-94.843	-99.193	-97.018	76.474	76.353	76.334	75.358	75.212	75.154	
	35	-97.047	-94.128		76.507	76.561		75.276	75.369		
	36	-98.234	-98.354	-99.353	76.241	76.233	76.095	75.132	75.095	74.965	
	37	-102.053	-99.504	-102.856	76.587	76.478	76.526	75.463	75.299	75.369	
	38	-96.516	-98.848	-101.705	76.845	76.646	76.475	75.687	75.483	75.338	
	39	-95.460	-97.439	-93.022	76.271	76.297	76.125	74.932	75.033	74.775	
	40	-103.451	-100.334		76.788	76.668		75.543	75.354		
	41	-99.858	-100.079	-100.022	76.728	76.678	76.650	75.619	75.531	75.519	
	42	-98.348	-113.314		76.413	76.448		75.255	75.272		
	Min	-107.806	-113.314	-102.856	75.836	75.605	75.552	73.545	73.567	74.416	
	Max	-93.008	-93.946	-88.851	76.845	76.678	76.650	75.687	75.531	75.519	
	Mean	-99.058	-99.649	-96.936	76.396	76.325	76.276	75.168	75.095	75.095	
	Std. Dev	3.715	4.164	3.790	0.260	0.251	0.272	0.422	0.400	0.287	
	Mean - 3 Sigma	-110.204	-112.140	-108.307	75.617	75.571	75.459	73.902	73.894	74.235	
	Mean + 3 Sigma	-87.911	-87.158	-85.566	77.176	77.080	77.093	76.435	76.296	75.955	
	Limit:	<-59dBc			>56dBFS			>54dBFS			

CTRL	SN	SFDR_ChC_20		dB	WOSpur_ChC_20		dB	H2_ChC_20		dBc
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
13		-95.41	-95.69	-94.94	-99.54	-99.83	-97.31	-98.25	-96.19	-94.27
1		-95.05	-95.60	-92.91	-94.80	-98.59	-95.87	-101.91	-114.91	-97.49
2		-95.91	-94.76		-98.47	-96.00		-95.53	-94.82	
3		-94.54	-93.92	-92.19	-96.62	-97.77	-96.54	-95.43	-95.59	-91.37
4		-80.67	-80.50		-93.31	-96.14		-79.88	-79.63	
5		-94.85	-96.07		-96.68	-97.22		-101.31	-100.68	
6		-87.29	-87.77	-92.65	-96.26	-98.36	-95.15	-86.48	-87.04	-94.81
7		-95.25	-93.19	-92.69	-100.42	-97.19	-98.92	-95.10	-92.76	-91.99
8		-93.68	-94.01	-93.88	-97.58	-97.41	-98.79	-93.00	-99.90	-96.49
10		-95.39	-95.14	-95.84	-96.32	-94.79	-95.34	-97.04	-95.85	-97.92
11		-94.71	-94.13	-95.51	-98.82	-93.71	-95.51	-94.80	-96.27	-99.23
12		-95.46	-95.16	-95.64	-96.61	-96.82	-98.04	-97.74	-99.84	-98.46
20		-94.53	-93.89		-96.87	-95.76		-101.40	-97.23	
31		-93.066	-95.505		-99.244	-98.058		-92.355	-94.903	
32		-92.411	-94.221	-93.045	-99.066	-96.835	-95.729	-91.775	-93.422	-92.476
33		-95.895	-96.145	-94.944	-97.505	-98.993	-98.002	-102.742	-103.541	-114.941
34		-96.865	-96.162	-93.511	-97.272	-97.813	-96.747	-100.087	-97.169	-98.236
35		-90.701	-93.691		-98.878	-99.227		-89.869	-92.963	
36		-95.874	-95.580	-95.657	-97.052	-95.941	-96.447	-107.950	-96.961	-101.739
37		-94.868	-95.088	-95.402	-93.856	-96.335	-97.462	-101.285	-94.296	-103.604
38		-95.753	-94.671	-94.236	-97.693	-99.928	-95.939	-100.265	-102.513	-98.217
39		-88.054	-90.012	-88.162	-94.742	-98.104	-96.611	-87.140	-89.053	-87.245
40		-93.217	-89.401		-97.986	-97.890		-93.100	-88.521	
41		-96.711	-95.261	-95.046	-100.266	-98.300	-96.579	-104.148	-98.722	-97.816
42		-95.028	-95.230		-97.388	-97.839		-94.876	-98.764	
Min		-96.865	-96.162	-95.836	-100.424	-99.928	-98.921	-107.950	-114.910	-114.941
Max		-80.671	-80.496	-88.162	-93.311	-93.708	-95.145	-79.880	-79.631	-87.245
Mean		-93.574	-93.546	-93.832	-97.238	-97.292	-96.731	-96.050	-96.056	-97.627
Std. Dev		3.662	3.507	1.965	1.823	1.437	1.194	6.369	6.633	6.169
Mean - 3 Sigma		-104.560	-104.067	-99.727	-102.708	-101.603	-100.311	-115.157	-115.956	-116.136
Mean + 3 Sigma		-82.588	-83.024	-87.937	-91.768	-92.982	-93.150	-76.943	-76.156	-79.119
Limit:			<-57dB			<-62dB			<-59dBc	

CTRL	SN	H3_ChC_20		dBc	SNR_ChD_20		dBFS	Sinad_ChD_20		dBFS
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
13		-96.01	-97.89	-96.88	76.29	76.16	76.07	75.10	74.91	74.91
1		-95.68	-101.40	-97.08	76.41	76.28	76.15	75.22	75.06	74.95
2		-100.57	-96.72		76.15	75.96		74.98	74.74	
3		-95.24	-94.00	-95.27	76.12	75.95	75.96	74.90	74.68	74.78
4		-94.07	-96.77		76.17	76.11		74.90	74.93	
5		-95.74	-98.84		75.75	76.20		74.51	74.90	
6		-92.27	-95.14	-93.42	76.28	76.08	76.09	75.11	74.84	74.93
7		-95.59	-97.83	-96.91	76.40	76.30	76.35	75.22	75.09	75.18
8		-95.16	-94.68	-98.98	76.30	76.13	76.13	75.13	74.93	74.93
10		-97.10	-96.32	-97.43	76.42	76.18	76.16	75.24	74.91	75.01
11		-96.75	-95.28	-96.16	76.24	76.28	76.14	75.07	75.15	74.99
12		-100.29	-96.52	-96.98	76.02	76.28	76.13	74.88	75.11	74.97
20		-98.87	-95.29		76.40	76.21		75.22	74.98	
31		-101.336	-100.106		76.464	76.418		75.257	75.212	
32		-94.780	-95.312	-97.575	76.214	76.133	76.103	74.989	74.924	74.930
33		-98.852	-106.655	-99.176	76.351	76.405	76.317	75.201	75.219	75.129
34		-100.787	-97.052	-96.007	76.430	76.417	76.364	75.218	75.228	75.169
35		-100.844	-107.644		76.331	76.257		75.133	75.044	
36		-98.570	-102.986	-103.061	76.358	76.148	76.224	75.147	74.925	75.001
37		-103.509	-101.183	-98.522	76.399	76.280	76.197	75.184	75.053	75.008
38		-96.790	-95.764	-103.039	76.288	76.149	76.290	74.846	74.727	74.891
39		-98.085	-99.537	-96.701	76.345	76.447	76.223	75.118	75.281	75.038
40		-93.053	-98.779		75.865	75.734		74.696	74.557	
41		-102.308	-99.616	-100.978	76.461	76.296	76.346	75.292	75.085	75.119
42		-96.557	-96.361		76.483	76.304		75.295	75.095	
Min		-103.509	-107.644	-103.061	75.750	75.734	75.958	74.515	74.557	74.783
Max		-92.267	-93.996	-93.422	76.483	76.447	76.364	75.295	75.281	75.177
Mean		-97.617	-98.324	-97.955	76.277	76.206	76.199	75.073	74.986	75.002
Std. Dev		3.001	3.591	2.627	0.188	0.165	0.112	0.198	0.186	0.106
Mean - 3 Sigma		-106.619	-109.098	-105.836	75.712	75.710	75.861	74.478	74.429	74.684
Mean + 3 Sigma		-88.615	-87.551	-90.074	76.842	76.702	76.536	75.669	75.543	75.320
Limit:			<-59dBc			>56dBFS			>54dBFS	

CTRL	SN	SFDR_Chd_20		dB			WOSpur_Chd_20			dB			H2_Chd_20		dBc	
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal			
13		-94.16	-92.04	-93.82	-101.55	-96.43	-92.81	-96.927	-96.098	-94.908						
1		-94.25	-93.24	-93.28	-97.40	-95.07	-94.33	-93.749	-101.070	-92.725						
2		-94.15	-92.87		-93.66	-97.24		-102.868	-92.158							
3		-92.05	-90.81	-93.55	-97.08	-95.65	-96.51	-91.636	-90.467	-93.410						
4		-90.17	-94.10		-98.82	-97.78		-89.284	-94.018							
5		-92.11	-91.69		-97.31	-96.59		-91.317	-91.366							
6		-94.38	-92.99	-94.66	-96.16	-95.62	-94.83	-95.280	-93.752	-94.460						
7		-94.64	-94.36	-94.51	-99.02	-97.34	-97.55	-94.352	-93.997	-96.718						
8		-94.16	-94.17	-94.21	-97.81	-96.74	-99.36	-95.024	-93.265	-93.590						
10		-94.59	-91.56	-94.90	-97.37	-96.90	-97.52	-94.339	-94.006	-94.342						
11		-92.32	-95.69	-94.52	-97.07	-99.45	-94.76	-91.622	-96.778	-95.973						
12		-94.78	-94.65	-95.24	-96.61	-96.67	-94.22	-98.596	-96.727	-95.419						
20		-94.14	-93.11		-99.73	-95.57		-94.130	-92.684							
31		-93.274	-93.796		-97.021	-99.404		-93.099	-96.444							
32		-91.812	-93.560	-94.493	-95.973	-96.796	-97.948	-91.076	-93.105	-94.545						
33		-94.927	-93.678	-93.549	-98.485	-95.098	-94.737	-94.821	-95.067	-94.935						
34		-92.029	-94.573	-94.128	-97.696	-94.528	-98.219	-91.602	-94.756	-97.093						
35		-92.198	-92.764		-95.019	-94.055		-92.771	-92.585							
36		-93.428	-93.638	-92.490	-96.591	-95.520	-96.354	-95.495	-94.526	-91.693						
37		-92.565	-93.356	-93.463	-100.445	-96.880	-94.390	-92.020	-92.745	-93.790						
38		-87.011	-87.863	-87.375	-97.248	-95.951	-97.704	-86.148	-86.459							
39		-92.852	-95.714	-94.509	-96.582	-96.800	-96.792	-92.269	-95.711	-94.221						
40		-95.208	-94.530		-98.054	-94.653		-95.398	-93.863							
41		-93.840	-93.750	-91.925	-95.181	-98.688	-94.226	-93.496	-93.177	-91.602						
42		-93.624	-92.456		-98.620	-97.357		-93.842	-92.419							
Min		-95.208	-95.714	-95.237	-100.445	-99.452	-99.363	-102.8675	-101.0700	-97.0930						
Max		-87.011	-87.863	-87.375	-93.660	-94.055	-94.223	-86.1480	-86.9760	-86.4590						
Mean		-93.105	-93.288	-93.550	-97.290	-96.514	-96.217	-93.5097	-93.8193	-93.8109						
Std. Dev		1.803	1.648	1.867	1.517	1.430	1.715	3.1485	2.6152	2.5028						
Mean - 3 Sigma		-98.513	-98.234	-99.151	-101.839	-100.804	-101.362	-102.9553	-101.6648	-101.3194						
Mean + 3 Sigma		-87.696	-88.343	-87.948	-92.740	-92.225	-91.072	-84.0641	-85.9737	-86.3024						
Limit:			<-57dB			<-62dB			<-59dBc							

CTRL	SN	H3_Chd_20			SNR_Che_20			dBFS			Sinad_Che_20			dBFS		
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal			
13		-96.365	-92.717	-97.751	74.280	74.343	74.184	72.977	73.000	72.934						
1		-96.242	-96.709	-99.811	74.603	74.402	74.443	73.345	73.063	73.168						
2		-95.831	-95.683		74.421	74.275		73.228	73.027							
3		-98.685	-100.910	-102.551	74.361	74.336	74.338	73.153	73.106	73.093						
4		-98.205	-98.385		73.810	73.548		72.370	72.051							
5		-95.398	-93.547		74.297	74.169		73.105	72.972							
6		-96.994	-94.026	-99.838	74.389	74.582	74.556	73.168	73.278	73.256						
7		-96.315	-95.618	-99.382	74.144	74.276	74.085	72.770	72.939	72.755						
8		-94.252	-95.649	-95.032	74.525	74.507	74.391	73.167	73.199	73.143						
10		-97.508	-92.554	-97.415	74.351	74.252	74.249	73.133	73.071	72.988						
11		-99.342	-112.810	-102.821	74.395	74.380	74.369	73.115	73.140	73.105						
12		-101.578	-99.713	-99.740	74.134	74.238	74.071	72.848	72.901	72.788						
20		-98.158	-95.794		74.593	74.484		73.334	73.221							
31		-94.870	-94.945		74.379	74.189		73.008	72.878							
32		-97.868	-110.206	-99.986	74.928	74.958	74.864	73.671	73.739	73.596						
33		-98.374	-96.946	-93.830	74.743	74.688	74.738	73.457	73.425	73.488						
34		-101.088	-100.897	-97.240	74.687	74.794	74.736	73.398	73.504	73.475						
35		-97.372	-100.360		74.986	75.002		73.659	73.770							
36		-95.139	-95.914	-96.760	74.656	74.719	74.702	73.436	73.423	73.453						
37		-98.049	-97.516	-99.182	74.972	75.074	75.106	73.650	73.731	73.792						
38		-94.629	-93.411	-99.852	74.628	74.685	74.848	73.362	73.447	73.572						
39		-95.539	-97.777	-98.084	74.536	74.501	74.555	73.250	73.242	73.308						
40		-97.601	-98.877		74.769	74.740		73.436	73.347							
41		-100.096	-96.827	-95.796	74.657	74.600	74.693	73.397	73.299	73.423						
42		-97.550	-102.483		74.458	74.440		73.225	73.174							
Min		-101.5778	-112.8100	-102.8211	73.8102	73.5479	74.0709	72.3698	72.0507	72.7553						
Max		-94.2516	-92.5540	-93.8300	74.9860	75.0740	75.1060	73.6710	73.7700	73.7920						
Mean		-97.3617	-98.2315	-98.5700	74.5176	74.4932	74.5465	73.2369	73.2061	73.2752						
Std. Dev		1.9596	4.8424	2.4759	0.2761	0.3275	0.2899	0.2940	0.3553	0.2921						
Mean - 3 Sigma		-103.2404	-112.7586	-105.9977	73.6893	73.5107	73.6768	72.3550	72.1403	72.3990						
Mean + 3 Sigma		-91.4830	-83.7045	-91.1422	75.3458	75.4758	75.4161	74.1187	74.2719	74.1514						
Limit:			<-59dBc			>56dBFS			>54dBFS							

CTRL	SN	SFDR_CHE_20		dB	WOSpur_CHE_20		dB	H2_CHE_20		dBc
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
CTRL	13	-87.744	-89.275	-88.947	-97.613	-97.837	-96.373	-92.562	-92.550	-92.445
	1	-90.736	-88.134	-89.699	-96.649	-95.314	-97.074	-90.990	-97.349	-91.259
	2	-89.814	-88.430		-97.837	-95.688		-100.390	-96.581	
	3	-89.053	-89.535	-89.827	-95.137	-97.970	-97.615	-105.593	-100.000	-91.205
	4	-85.916	-84.535		-92.788	-91.296		-85.409	-83.990	
	5	-89.695	-91.266		-97.392	-96.057		-95.402	-91.711	
	6	-88.771	-87.635	-87.913	-97.396	-96.612	-98.309	-97.598	-97.305	-99.123
	7	-86.442	-86.877	-86.771	-93.694	-94.823	-95.486	-93.300	-96.860	-95.005
	8	-87.912	-88.513	-89.754	-97.116	-96.364	-97.112	-90.675	-88.671	-93.112
	10	-92.236	-90.478	-90.738	-96.488	-94.504	-98.245	-93.414	-96.543	-90.548
	11	-87.224	-88.826	-90.585	-97.565	-93.062	-96.076	-97.623	-100.750	-92.815
	12	-87.387	-86.718	-87.938	-95.383	-94.818	-94.164	-98.267	-105.250	-99.716
	20	-89.276	-89.246		-97.867	-97.312		-94.169	-100.220	
	31	-87.767	-88.544		-95.860	-97.593		-90.515	-93.122	
	32	-90.517	-90.033	-88.999	-96.632	-96.458	-95.949	-95.980	-99.362	-93.654
	33	-88.127	-88.897	-89.237	-93.385	-96.170	-94.705	-98.923	-96.675	-95.197
	34	-88.845	-89.405	-89.131	-97.981	-97.989	-95.943	-94.875	-92.263	-96.700
	35	-88.114	-91.129		-97.185	-97.251		-92.963	-94.946	
	36	-89.530	-88.673	-89.363	-98.445	-96.934	-96.173	-98.844	-94.800	-95.558
	37	-86.421	-87.198	-87.870	-97.770	-96.405	-97.912	-102.614	-94.759	-97.353
	38	-88.681	-89.332	-88.844	-96.694	-95.216	-98.091	-96.300	-94.460	-94.771
	39	-88.102	-88.982	-88.808	-97.793	-94.764	-93.158	-102.197	-103.064	-98.418
	40	-89.000	-87.315		-95.583	-96.566		-90.783	-89.762	
	41	-87.790	-87.595	-88.855	-97.570	-96.451	-97.399	-95.878	-99.182	-94.420
	42	-89.473	-89.370		-98.296	-95.234		-92.430	-94.827	
	Min	-92.2359	-91.2660	-90.7378	-98.4450	-97.9890	-98.3088	-105.5932	-105.2500	-99.7161
	Max	-85.9163	-84.5350	-86.7708	-92.7882	-91.2960	-93.1580	-85.4091	-83.9900	-90.5475
	Mean	-88.6179	-88.6111	-89.0206	-96.6045	-95.8688	-96.4632	-95.6305	-96.1022	-94.9284
	Std. Dev	1.4622	1.4933	1.0363	1.5659	1.5412	1.5352	4.5735	4.7375	2.8092
	Mean - 3 Sigma	-93.0045	-93.0910	-92.1296	-101.3021	-100.4925	-101.0689	-109.3510	-110.3146	-103.3560
	Mean + 3 Sigma	-84.2312	-84.1312	-85.9116	-91.9068	-91.2451	-91.8574	-81.9099	-81.8897	-86.5007
	Limit:		<-57dB			<-62dB			<-59dBc	

CTRL	SN	H3_CHE_20			dBc	SNR_CHF_20			dBFS	Sinad_CHF_20			dBFS
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal			
CTRL	13	-87.507	-89.210	-88.513	75.481	75.321	75.333	74.286	74.077	74.100			
	1	-90.144	-87.386	-89.489	75.931	76.106	75.765	74.723	74.887	74.577			
	2	-89.662	-87.958		76.344	76.113		75.142	74.929				
	3	-89.240	-89.782	-89.195	76.427	76.289	76.289	75.230	75.055	75.081			
	4	-89.277	-91.689		75.417	75.251		74.258	74.037				
	5	-90.232	-92.576		76.339	76.301		75.224	75.163				
	6	-87.933	-87.255	-87.181	76.118	76.149	76.042	74.933	75.011	74.778			
	7	-86.121	-86.297	-86.403	76.108	76.110	76.079	74.987	74.978	74.921			
	8	-87.291	-88.808	-88.886	76.228	76.394	76.302	75.045	75.152	75.110			
	10	-91.945	-90.395	-90.484	76.321	76.304	76.162	75.163	75.142	75.026			
	11	-86.343	-87.969	-89.927	76.102	75.935	75.970	74.937	74.725	74.759			
	12	-86.796	-86.915	-87.284	76.086	75.904	76.000	74.935	74.755	74.892			
	20	-88.764	-88.435		76.059	75.948		74.935	74.786				
	31	-87.636	-88.054		76.610	76.604		75.417	75.444				
	32	-90.122	-89.548	-88.229	76.187	76.015	76.022	74.972	74.891	74.853			
	33	-87.329	-88.080	-88.489	75.505	75.776	75.565	74.282	74.591	74.252			
	34	-88.167	-89.334	-89.175	76.418	76.312	76.369	75.251	75.060	75.123			
	35	-87.473	-90.767		76.226	75.895		75.044	74.753				
	36	-88.929	-87.899	-88.692	76.235	75.920	75.981	74.973	74.714	74.721			
	37	-85.762	-86.681	-87.418	75.790	75.669	75.573	74.674	74.442	74.390			
	38	-87.918	-88.449	-88.272	76.063	76.045	75.936	74.936	74.901	74.742			
	39	-88.293	-89.089	-88.227	76.143	75.966	75.988	74.993	74.865	74.857			
	40	-88.959	-87.265		76.411	76.296		75.254	75.069				
	41	-87.487	-87.459	-88.125	76.622	76.421	76.536	75.473	75.250	75.272			
	42	-89.226	-88.781		76.468	76.228		75.281	75.011				
	Min	-91.9448	-92.5760	-90.4842	75.4171	75.2509	75.5650	74.2577	74.0371	74.2520			
	Max	-85.7620	-86.2970	-86.4030	76.6220	76.6040	76.5360	75.4730	75.4440	75.2720			
	Mean	-88.3770	-88.6196	-88.4673	76.1733	76.0812	76.0361	75.0026	74.9005	74.8347			
	Std. Dev	1.4821	1.5676	1.0704	0.2962	0.2842	0.2639	0.2971	0.2867	0.2700			
	Mean - 3 Sigma	-92.8232	-93.3225	-91.6786	75.2846	75.2285	75.2444	74.1113	74.0402	74.0247			
	Mean + 3 Sigma	-83.9308	-83.9167	-85.2560	77.0619	76.9339	76.8278	75.8939	75.7607	75.6446			
	Limit:		<-59dBc			>56dBFS			>54dBFS				

CTRL	SFDR_ChF_20			WOSpur_ChF_20			H2_ChF_20			
	SN	PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
13	-91.247	-90.273	-90.543	-90.234	-90.485	-89.526	-92.061	-90.146	-91.415	
1	-90.651	-90.353	-91.863	-98.992	-95.067	-98.186	-90.428	-90.178	-91.395	
2	-91.844	-90.431		-98.308	-96.641		-91.586	-90.106		
3	-90.543	-89.883	-91.084	-95.248	-96.781	-96.526	-89.965	-89.355	-90.577	
4	-94.605	-91.722		-94.693	-94.769		-94.781	-91.689		
5	-95.087	-94.154		-96.034	-97.085		-95.942	-94.632		
6	-91.405	-96.443	-90.251	-96.011	-98.949	-94.517	-90.910	-97.937	-89.949	
7	-96.634	-95.497	-93.801	-98.649	-96.347	-99.530	-98.770	-96.938	-94.524	
8	-91.648	-90.192	-91.486	-96.404	-97.792	-94.997	-91.271	-89.835	-91.099	
10	-92.854	-92.411	-94.156	-99.132	-98.507	-94.923	-92.828	-92.640	-94.631	
11	-92.760	-89.899	-90.712	-98.283	-95.862	-96.026	-92.678	-89.189	-90.184	
12	-93.061	-93.402	-95.608	-99.160	-98.331	-94.596	-92.486	-93.382	-101.634	
20	-93.665	-91.733		-98.738	-96.112		-93.548	-91.751		
31	-91.150	-93.614		-101.210	-98.674		-90.417	-93.543		
32	-90.493	-94.833	-92.118	-96.193	-95.692	-97.700	-89.962	-95.024	-91.329	
33	-91.138	-91.133	-88.241	-96.409	-97.194	-95.999	-90.932	-90.805	-88.107	
34	-92.284	-89.549	-90.418	-99.137	-100.270	-97.572	-91.882	-88.891	-89.974	
35	-91.721	-93.213		-96.321	-97.209		-91.193	-93.660		
36	-89.928	-90.704	-90.934	-98.176	-97.457	-95.445	-89.365	-90.225	-90.557	
37	-95.043	-89.386	-93.775	-98.548	-96.447	-95.383	-99.574	-88.761	-94.374	
38	-94.187	-93.013	-91.850	-96.382	-98.494	-95.572	-93.857	-93.171	-91.238	
39	-92.700	-96.775	-95.647	-100.703	-97.961	-96.785	-92.545	-111.340	-95.751	
40	-92.205	-89.446		-97.282	-96.819		-91.524	-88.831		
41	-93.019	-92.949	-90.098	-100.272	-99.575	-96.360	-92.763	-92.815	-89.476	
42	-91.004	-90.572		-99.677	-95.974		-90.383	-90.059		
Min	-96.6336	-96.7750	-95.6470	-101.2100	-100.2700	-99.5299	-99.5740	-111.3400	-101.6340	
Max	-89.9280	-89.3860	-88.2410	-94.6932	-94.7690	-94.5171	-89.3650	-88.7610	-88.1070	
Mean	-92.4845	-92.1378	-92.0026	-97.9151	-97.2504	-96.2573	-92.4828	-92.6982	-92.1749	
Std. Dev	1.7016	2.2500	2.0757	1.7743	1.3995	1.4088	2.6021	4.7215	3.3143	
Mean - 3 Sigma	-97.5892	-98.8878	-98.2297	-103.2380	-101.4488	-100.4838	-100.2890	-106.8627	-102.1179	
Mean + 3 Sigma	-87.3797	-85.3877	-85.7755	-92.5921	-93.0520	-92.0308	-84.6766	-78.5337	-82.2320	
		<-57dB			<-62dB			<-59dBc		

CTRL	H3_ChF_20			SNR_ChG_20			Sinad_ChG_20			
	SN	PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
13	-103.754	-98.221	-101.207	75.644	75.622	75.366	74.441	74.513	74.105	
1	-99.021	-106.150	-99.779	75.617	75.214	75.653	74.445	74.046	74.506	
2	-103.503	-105.090		75.365	75.604		74.225	74.508		
3	-101.309	-99.876	-102.636	75.715	75.593	75.420	74.601	74.464	74.278	
4	-99.315	-106.200		75.266	75.107		74.144	73.979		
5	-111.994	-103.280		75.105	75.279		74.002	74.154		
6	-97.644	-97.216	-96.571	75.589	75.586	75.405	73.961	74.225	73.731	
7	-103.030	-110.870	-102.490	75.464	75.474	75.326	74.376	74.354	74.178	
8	-98.425	-98.427	-99.544	75.479	75.521	75.301	74.381	74.417	74.183	
10	-102.118	-102.320	-107.041	75.254	75.436	75.130	74.144	74.292	73.900	
11	-95.208	-97.096	-98.466	75.390	75.593	75.249	74.279	74.442	74.058	
12	-103.555	-103.680	-101.843	75.501	75.615	75.407	74.327	74.473	74.213	
20	-103.320	-100.540		75.684	75.662		74.530	74.432		
31	-103.661	-105.066		75.097	75.145		73.922	73.989		
32	-97.482	-97.011	-99.507	76.135	76.042	75.954	74.904	74.776	74.712	
33	-95.051	-98.082	-94.986	76.200	76.133	75.962	75.009	75.023	74.785	
34	-100.973	-97.328	-99.297	76.021	76.108	75.988	74.871	74.919	74.847	
35	-97.437	-99.734		76.201	76.235		75.065	75.035		
36	-94.996	-97.440	-101.817	75.979	75.859	75.745	74.856	74.660	74.545	
37	-94.779	-95.125	-96.205	76.113	76.168	76.232	74.956	75.034	75.051	
38	-97.992	-99.846	-100.163	76.061	75.992	76.025	74.910	74.827	74.880	
39	-97.625	-102.188	-105.998	75.971	76.165	75.951	74.787	74.988	74.790	
40	-102.640	-106.517		76.267	76.202		75.121	75.061		
41	-104.071	-97.114	-97.925	76.075	75.992	75.976	74.998	74.894	74.886	
42	-103.796	-105.020		75.523	75.369		74.403	74.201		
Min	-111.9941	-110.8700	-107.0413	75.0970	75.1067	75.1300	73.9220	73.9793	73.7306	
Max	-94.7790	-95.1250	-94.9860	76.2670	76.2350	76.2320	75.1210	75.0610	75.0510	
Mean	-100.3727	-101.3007	-100.2667	75.7113	75.7122	75.6702	74.5506	74.5497	74.4714	
Std. Dev	4.0429	4.0913	3.2989	0.3738	0.3628	0.3477	0.3828	0.3601	0.4000	
Mean - 3 Sigma	-112.5013	-113.5746	-110.1633	74.5899	74.6239	74.6273	73.4021	73.4694	73.2713	
Mean + 3 Sigma	-88.2440	-89.0267	-90.3700	76.8326	76.8005	76.7132	75.6991	75.6301	75.6715	
		<-59dBc			>56dBFS			>54dBFS		

CTRL	SN	SFDR_ChG_20		dB	WOSpur_ChG_20		dB	H2_ChG_20		dBc
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
CTRL	13	-90.490	-96.290	-89.165	-99.126	-96.658	-93.830	-89.993	-99.082	-88.593
	1	-91.470	-91.641	-94.012	-99.060	-94.799	-96.764	-91.136	-91.677	-93.970
	2	-94.413	-96.545		-98.873	-96.310		-96.165	-96.913	
	3	-95.796	-92.024	-93.941	-97.961	-96.397	-94.954	-100.724	-91.846	-94.840
	4	-95.950	-95.210		-96.898	-95.744		-96.397	-97.277	
	5	-95.268	-96.750		-94.258	-100.240		-99.764	-98.193	
	6	-83.254	-86.237	-82.758	-95.570	-95.642	-94.645	-82.341	-85.457	-81.934
	7	-97.799	-92.943	-92.437	-98.902	-97.800	-97.282	-101.299	-92.857	-92.309
	8	-95.269	-96.711	-96.671	-94.605	-95.696	-95.702	-96.363	-103.910	-101.434
	10	-94.791	-93.557	-89.035	-97.863	-97.124	-95.600	-94.808	-93.219	-89.241
	11	-95.308	-92.241	-91.966	-95.664	-98.386	-96.470	-96.500	-91.881	-91.879
	12	-91.435	-92.764	-92.769	-97.316	-98.621	-95.194	-90.825	-92.291	-92.584
	20	-92.882	-89.822		-97.937	-96.901		-92.868	-89.462	
	31	-90.822	-93.578		-95.158	-92.563		-90.615	-95.425	
	32	-89.608	-88.943	-89.179	-99.483	-96.358	-97.366	-88.939	-88.229	-88.378
	33	-91.545	-96.993	-92.954	-99.980	-98.788	-94.091	-90.988	-100.753	-92.615
	34	-95.878	-92.042	-95.465	-96.578	-98.589	-94.450	-97.684	-92.157	-98.427
	35	-93.213	-90.854		-98.025	-96.425		-92.805	-90.194	
	36	-93.889	-90.595	-91.082	-99.104	-94.825	-93.611	-93.955	-90.017	-90.738
	37	-91.958	-93.663	-92.273	-93.597	-98.510	-97.195	-92.360	-95.115	-92.496
	38	-92.211	-91.162	-94.023	-97.739	-94.561	-94.907	-92.177	-90.511	-93.695
	39	-92.553	-91.991	-94.167	-96.352	-99.466	-97.857	-92.110	-92.127	-94.279
	40	-93.588	-93.243		-99.395	-98.732		-93.349	-92.906	
	41	-99.456	-94.257	-98.129	-99.702	-93.249	-97.117	-104.981	-113.709	-104.509
	42	-93.729	-90.896		-95.197	-93.794		-94.041	-90.732	
	Min	-99.4560	-96.9930	-98.1290	-99.9800	-100.2400	-97.8570	-104.9810	-113.7090	-104.5090
	Max	-83.2540	-86.2370	-82.7575	-93.5970	-92.5630	-93.6110	-82.3408	-85.4570	-81.9342
	Mean	-93.4202	-92.6943	-92.5537	-97.3007	-96.6467	-95.8253	-94.2997	-94.1191	-93.3330
	Std. Dev	3.1477	2.6174	3.5390	1.8867	2.0437	1.3349	4.6611	5.1839	5.1839
	Mean - 3 Sigma	-102.8634	-100.5465	-103.1706	-102.9609	-102.7777	-99.8300	-108.2831	-111.7589	-108.8847
	Mean + 3 Sigma	-83.9771	-84.8420	-81.9367	-91.6405	-90.5156	-91.8206	-80.3163	-76.4793	-77.7814
			<-57dB			<-62dB			<-59dBc	

CTRL	SN	H3_ChG_20			dBc	SNR_ChH_20			dBFS	Sinad_ChH_20			dBFS
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal			
CTRL	13	-105.772	-116.590	-116.668	75.979	75.848	75.873	74.688	74.525	74.598			
	1	-97.840	-106.560	-108.699	76.238	75.637	76.171	75.040	74.366	74.969			
	2	-101.742	-104.310		75.841	76.028		74.544	74.803				
	3	-103.643	-102.630	-106.275	76.042	75.902	75.968	74.839	74.701	74.729			
	4	-102.963	-102.220		75.933	76.019		74.717	74.643				
	5	-100.154	-97.185		76.036	75.959		74.882	74.791				
	6	-104.302	-109.860	-115.792	75.938	75.852	75.850	74.622	74.615	74.616			
	7	-103.484	-103.970	-101.458	76.257	76.218	76.129	74.926	74.962	74.759			
	8	-101.352	-100.510	-103.528	75.791	75.924	76.064	74.675	74.786	74.881			
	10	-108.000	-109.500	-107.038	76.003	76.048	75.781	74.780	74.856	74.568			
	11	-102.566	-99.559	-102.007	76.195	75.950	76.067	74.930	74.661	74.808			
	12	-105.326	-104.050	-100.450	76.266	76.159	76.240	74.957	74.953	74.885			
	20	-102.134	-95.729		76.140	76.157		74.949	74.997				
	31	-102.675	-102.083		76.073	75.936		74.747	74.710				
	32	-103.244	-101.633	-100.932	76.419	76.464	76.289	75.284	75.332	75.179			
	33	-99.772	-99.165	-98.889	76.451	76.316	76.330	75.196	75.150	75.098			
	34	-101.106	-99.536	-100.831	76.235	76.183	76.014	75.041	74.963	74.793			
	35	-114.092	-108.786		76.365	76.380		75.202	75.201				
	36	-102.911	-104.676	-105.713	76.304	76.183	76.153	75.100	74.817	74.918			
	37	-103.572	-102.065	-108.999	76.518	76.339	76.262	75.272	75.034	75.050			
	38	-108.871	-103.522	-107.839	76.270	76.289	76.178	74.965	74.926	74.901			
	39	-100.129	-106.393	-98.799	76.335	76.316	76.220	75.168	75.139	75.050			
	40	-105.525	-100.694		76.356	76.408		75.170	75.205				
	41	-109.373	-108.157	-111.777	76.455	76.481	76.452	75.209	75.299	75.254			
	42	-108.012	-103.731		76.302	76.264		74.777	74.883				
	Min	-114.0920	-109.8600	-115.7916	75.7912	75.6369	75.7805	74.5437	74.3664	74.5675			
	Max	-97.8401	-95.7290	-98.7990	76.5180	76.4810	76.4520	75.2840	75.3320	75.2540			
	Mean	-103.8661	-103.1885	-104.9391	76.1984	76.1421	76.1355	74.9580	74.9081	74.9036			
	Std. Dev	3.6539	3.7368	4.9020	0.2011	0.2173	0.1749	0.2147	0.2372	0.1920			
	Mean - 3 Sigma	-114.8279	-114.3989	-119.6452	75.5953	75.4900	75.6107	74.3139	74.1965	74.3276			
	Mean + 3 Sigma	-92.9043	-91.9781	-90.2331	76.8016	76.7941	76.6604	75.6021	75.6196	75.4796			
			<-59dBc			>56dBFS			>54dBFS				

CTRL	SN	SFDR_ChH_20			WOSpur_ChH_20			H2_ChH_20		
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	-91.669	-90.634	-91.091	-96.693	-91.754	-97.212	-91.939	-89.940	-92.866
	1	-92.457	-89.254	-93.174	-99.647	-94.893	-97.394	-92.413	-88.984	-93.776
	2	-89.149	-92.550		-97.722	-97.280		-88.632	-92.078	
	3	-93.914	-94.341	-92.148	-97.292	-97.401	-97.469	-93.925	-94.073	-91.635
	4	-91.501	-86.957		-98.540	-100.230		-91.247	-86.184	
	5	-93.608	-94.460		-100.295	-97.598		-113.052	-96.489	
	6	-88.890	-91.128	-92.400	-95.812	-94.437	-95.821	-88.107	-93.214	-91.960
	7	-87.698	-89.512	-87.439	-98.330	-96.950	-98.420	-86.887	-88.825	-86.568
	8	-95.153	-95.172	-94.575	-94.139	-94.164	-97.191	-98.682	-102.740	-98.163
	10	-91.081	-92.342	-92.358	-96.636	-96.668	-96.713	-90.441	-92.620	-92.237
	11	-90.847	-88.803	-90.024	-98.416	-96.597	-97.080	-90.203	-87.934	-89.142
	12	-89.749	-92.277	-88.532	-98.879	-95.492	-97.508	-88.992	-92.277	-87.807
	20	-91.465	-92.769		-99.013	-95.877		-91.044	-93.225	
	31	-87.966	-90.947		-95.991	-96.708		-87.265	-90.303	
	32	-95.378	-96.767	-97.470	-97.220	-97.512	-97.263	-95.559	-103.201	-103.171
	33	-92.594	-94.927	-92.318	-94.909	-95.064	-97.538	-92.219	-95.066	-91.816
	34	-93.015	-92.303	-90.767	-95.350	-97.789	-94.616	-92.605	-91.904	-90.045
	35	-94.100	-93.824		-97.756	-100.135		-93.597	-93.651	
	36	-90.936	-86.723	-89.658	-97.327	-97.900	-94.981	-90.106	-85.948	-88.896
	37	-91.031	-88.791	-92.852	-98.243	-96.497	-96.770	-90.362	-88.000	-92.409
	38	-88.348	-88.116	-90.445	-96.988	-96.549	-96.665	-87.488	-87.420	-89.633
	39	-95.226	-94.154	-93.539	-100.467	-96.531	-96.109	-97.025	-94.713	-93.307
	40	-92.104	-91.405		-98.728	-99.180		-91.642	-91.067	
	41	-91.500	-94.516	-92.738	-98.854	-96.415	-96.185	-90.961	-94.566	-92.262
	42	-85.211	-87.313		-97.166	-97.213		-84.417	-86.712	
	Min	-95.3780	-96.7670	-97.4700	-100.4670	-100.2300	-98.4196	-113.0523	-103.2010	-103.1710
	Max	-85.2110	-86.7230	-87.4386	-94.1389	-94.1640	-94.6160	-84.4170	-85.9480	-86.5680
	Mean	-91.3717	-91.6396	-91.9022	-97.6550	-96.8783	-96.7326	-91.9530	-92.1331	-92.0517
	Std. Dev	2.6097	2.8896	2.4219	1.6217	1.5423	0.9920	5.5527	4.5167	4.0197
	Mean - 3 Sigma	-99.2009	-100.3085	-99.1680	-102.5201	-101.5052	-99.7087	-108.6109	-105.6831	-104.1108
	Mean + 3 Sigma	-83.5425	-82.9707	-84.6363	-92.7898	-92.2515	-93.7564	-75.2950	-78.5831	-79.9926
		<-57dB			<-62dB			<-59dBc		

CTRL	SN	H3_ChH_20			ChanA_dnl_min			ChanA_dnl_max		
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	-91.120	-90.623	-90.396	-0.520	-0.468	-0.566	0.818	0.816	0.795
	1	-101.139	-118.540	-104.084	-0.518	-0.489	-0.471	0.813	1.048	0.838
	2	-99.684	-95.554		-0.518	-0.543		0.991	0.785	
	3	-94.765	-96.982	-99.577	-0.530	-0.513	-0.543	0.874	0.859	0.804
	4	-96.056	-97.125		-0.487	-0.496		0.704	0.724	
	5	-113.878	-112.180		-0.556	-0.515		1.003	0.958	
	6	-92.616	-91.603	-92.948	-0.535	-0.484	-0.541	0.691	0.645	0.665
	7	-104.624	-104.770	-102.726	-0.519	-0.525	-0.537	0.569	0.645	0.589
	8	-106.206	-126.540	-114.267	-0.562	-0.534	-0.510	0.811	0.565	0.778
	10	-105.226	-98.974	-101.959	-0.533	-0.547	-0.453	1.033	1.014	0.690
	11	-101.393	-101.770	-109.141	-0.572	-0.561	-0.576	0.944	1.101	1.045
	12	-94.134	-98.180	-98.192	-0.535	-0.591	-0.522	0.694	0.723	0.800
	20	-101.428	-102.990		-0.584	-0.489		0.570	0.633	
	31	-104.647	-101.348		-0.541	-0.486		0.773	0.697	
	32	-104.186	-100.713	-104.990	-0.549	-0.561	-0.526	0.630	0.590	0.618
	33	-105.487	-100.747	-105.499	-0.526	-0.493	-0.487	0.636	0.629	0.631
	34	-102.007	-97.000	-101.842	-0.583	-0.497	-0.528	0.924	0.912	0.897
	35	-100.026	-100.069		-0.507	-0.561		1.003	0.894	
	36	-103.124	-108.000	-102.882	-0.547	-0.483	-0.545	0.854	0.866	0.934
	37	-98.131	-99.203	-98.718	-0.513	-0.523	-0.588	0.776	0.826	0.944
	38	-99.827	-96.711	-98.051	-0.507	-0.592	-0.460	0.840	0.728	0.755
	39	-103.111	-102.346	-105.299	-0.483	-0.548	-0.619	0.741	0.727	0.640
	40	-100.965	-102.363		-0.487	-0.492		0.675	0.639	
	41	-110.863	-109.256	-101.064	-0.495	-0.504	-0.507	0.962	0.975	0.922
	42	-109.485	-100.267		-0.525	-0.536		0.789	0.701	
	Min	-113.8776	-126.5400	-114.2665	-0.5838	-0.5920	-0.6190	0.5694	0.5652	0.5888
	Max	-92.6155	-91.6030	-92.9476	-0.4830	-0.4830	-0.4530	1.0334	1.1008	1.0453
	Mean	-102.2086	-102.6346	-102.5773	-0.5296	-0.5235	-0.5259	0.8041	0.7869	0.7843
	Std. Dev	5.1293	7.6921	4.9222	0.0287	0.0338	0.0454	0.1415	0.1549	0.1379
	Mean - 3 Sigma	-117.5966	-125.7110	-117.3441	-0.6159	-0.6248	-0.6619	0.3797	0.3221	0.3705
	Mean + 3 Sigma	-86.8207	-79.5583	-87.8106	-0.4434	-0.4221	-0.3898	1.2286	1.2516	1.1981
		<-59dBc			-1.2 LSB to +1.8 LSB			-1.2 LSB to +1.8 LSB		

CTRL	SN	ChanA_inl_min		LSB	ChanA_inl_max		LSB	ChanB_dnl_min		LSB
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	-1.022	-1.101	-1.342	1.126	0.882	0.852	-0.557	-0.616	-0.536
	1	-1.693	-1.916	-1.593	1.176	0.787	1.298	-0.520	-0.531	-0.479
	2	-1.163	-1.920		0.859	1.662		-0.535	-0.533	
	3	-1.624	-1.561	-1.410	0.716	1.749	0.681	-0.487	-0.510	-0.475
	4	-1.191	-1.327		0.787	0.646		-0.561	-0.533	
	5	-1.992	-1.967		2.000	2.237		-0.460	-0.512	
	6	-1.255	-1.126	-1.251	1.191	1.082	1.045	-0.514	-0.543	-0.571
	7	-0.929	-0.914	-0.973	0.874	0.740	0.864	-0.543	-0.489	-0.621
	8	-1.087	-1.102	-1.123	0.824	0.908	0.974	-0.462	-0.509	-0.507
	10	-2.093	-2.148	-1.059	1.133	1.589	0.744	-0.613	-0.549	-0.482
	11	-1.848	-1.918	-1.638	1.265	1.038	1.509	-0.584	-0.506	-0.502
	12	-1.221	-1.060	-1.170	1.042	1.396	0.871	-0.532	-0.613	-0.504
	20	-1.158	-1.053		0.913	0.919		-0.544	-0.524	
	31	-1.659	-1.406		0.830	0.736		-0.562	-0.484	
	32	-1.169	-1.160	-1.240	0.754	0.590	0.710	-0.585	-0.521	-0.521
	33	-0.940	-0.818	-0.946	0.948	0.879	0.863	-0.538	-0.505	-0.529
	34	-1.503	-1.787	-1.614	0.851	0.714	0.926	-0.509	-0.503	-0.523
	35	-1.305	-1.502		1.190	1.433		-0.634	-0.532	
	36	-1.372	-1.246	-1.367	0.733	0.843	0.883	-0.518	-0.465	-0.534
	37	-1.716	-1.261	-1.356	0.855	0.833	0.805	-0.505	-0.473	-0.505
	38	-1.046	-1.153	-1.090	1.244	1.458	1.351	-0.582	-0.525	-0.481
	39	-1.428	-1.404	-1.555	0.690	0.860	0.736	-0.532	-0.503	-0.637
	40	-1.156	-1.075		0.872	1.016		-0.508	-0.514	
	41	-1.131	-1.231	-1.376	0.925	1.058	0.922	-0.533	-0.463	-0.509
	42	-1.522	-1.443		0.828	0.691		-0.447	-0.543	
	Min	-2.0929	-2.1481	-1.6383	0.6900	0.5900	0.6810	-0.6340	-0.6130	-0.6370
	Max	-0.9287	-0.8180	-0.9460	1.9996	2.2370	1.5089	-0.4470	-0.4630	-0.4745
	Mean	-1.3834	-1.3957	-1.2976	0.9791	1.0775	0.9489	-0.5336	-0.5159	-0.5237
	Std. Dev	0.3242	0.3701	0.2277	0.2795	0.4198	0.2408	0.0461	0.0316	0.0479
	Mean - 3 Sigma	-2.3561	-2.5060	-1.9807	0.1407	-0.1819	0.2264	-0.6719	-0.6106	-0.6674
	Mean + 3 Sigma	-0.4107	-0.2854	-0.6144	1.8175	2.3369	1.6714	-0.3954	-0.4213	-0.3800
		+/-7 LSB			+/-7 LSB			-1.2 LSB to +1.8 LSB		

CTRL	SN	ChanB_dnl_max		LSB	ChanB_inl_min		LSB	ChanB_inl_max		LSB
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	0.701	0.568	0.602	-1.193	-0.926	-0.811	0.775	0.665	0.759
	1	0.692	0.922	0.612	-0.976	-0.998	-1.079	0.571	0.981	0.651
	2	0.764	0.923		-0.795	-0.712		1.228	1.430	
	3	1.047	0.930	0.816	-0.927	-0.800	-0.822	0.939	1.300	1.457
	4	0.643	0.561		-0.573	-0.930		0.869	0.793	
	5	0.682	0.663		-0.855	-0.839		0.874	0.772	
	6	0.759	0.779	0.673	-0.990	-0.763	-0.979	0.666	0.865	0.825
	7	0.967	0.968	0.943	-1.127	-1.103	-1.271	0.900	0.964	1.127
	8	0.611	0.658	0.615	-0.919	-0.716	-0.752	0.706	0.732	0.731
	10	0.888	0.924	0.589	-1.275	-1.142	-0.888	1.254	1.425	1.142
	11	0.575	0.593	0.649	-0.850	-0.934	-0.809	0.894	0.817	1.030
	12	0.762	0.786	0.724	-1.070	-0.978	-1.095	0.914	1.011	1.049
	20	0.684	0.558		-0.743	-0.756		0.706	0.752	
	31	0.918	0.832		-1.093	-1.031		0.958	0.852	
	32	0.661	0.718	0.674	-0.933	-1.044	-1.060	0.855	0.887	0.701
	33	0.890	0.814	0.866	-2.145	-2.128	-1.800	1.858	2.035	1.740
	34	0.571	0.674	0.718	-0.899	-1.061	-0.836	0.963	0.728	1.028
	35	0.691	0.692		-1.515	-1.196		0.770	1.130	
	36	0.851	0.818	0.827	-1.456	-1.528	-1.513	1.025	1.164	1.045
	37	0.984	0.861	0.953	-1.195	-1.043	-1.159	0.824	1.236	1.108
	38	0.747	0.678	0.708	-0.830	-0.932	-0.784	0.915	0.731	0.823
	39	0.638	0.631	0.580	-0.963	-1.186	-0.995	0.851	0.572	0.702
	40	0.701	0.579		-0.963	-0.840		0.831	0.909	
	41	0.840	0.765	0.807	-0.785	-0.884	-0.929	1.236	1.173	1.139
	42	0.640	0.691		-0.846	-0.876		0.937	0.981	
	Min	0.5710	0.5581	0.5800	-2.1450	-2.1280	-1.8000	0.5708	0.5720	0.6505
	Max	1.0472	0.9683	0.9530	-0.5730	-0.7117	-0.7520	1.8580	2.0350	1.7400
	Mean	0.7586	0.7508	0.7347	-1.0301	-1.0174	-1.0482	0.9393	1.0098	1.0186
	Std. Dev	0.1348	0.1278	0.1208	0.3209	0.3000	0.2834	0.2575	0.3168	0.2897
	Mean - 3 Sigma	0.3541	0.3674	0.3723	-1.9928	-1.9176	-1.8985	0.1667	0.0594	0.1496
	Mean + 3 Sigma	1.1630	1.1341	1.0971	-0.0673	-0.1173	-0.1980	1.7119	1.9603	1.8876
		-1.2 LSB to +1.8 LSB			+/-7 LSB			+/-7 LSB		

CTRL	SN	ChanC_dnl_min			LSB	ChanC_dnl_max			LSB	ChanC_inl_min			LSB	
		PRE	30k	Anneal		PRE	30k	Anneal		PRE	30k	Anneal		
	13	-0.505	-0.560	-0.597	0.696	0.708	0.644	-1.011	-1.061	-1.217				
	1	-0.489	-0.540	-0.566	0.870	0.884	0.852	-1.423	-1.192	-1.764				
	2	-0.552	-0.483		0.843	0.633		-2.006	-1.285					
	3	-0.535	-0.478	-0.533	0.767	0.666	0.662	-1.032	-0.968	-0.963				
	4	-0.505	-0.473		1.132	1.150		-2.760	-3.033					
	5	-0.474	-0.488		0.661	0.838		-0.987	-0.759					
	6	-0.507	-0.552	-0.507	0.612	0.710	0.613	-1.098	-1.282	-1.008				
	7	-0.487	-0.551	-0.494	0.614	0.673	0.626	-0.591	-0.468	-0.561				
	8	-0.540	-0.532	-0.512	0.660	0.830	0.736	-0.857	-1.022	-0.972				
	10	-0.483	-0.531	-0.500	0.735	0.695	0.857	-1.033	-1.247	-0.906				
	11	-0.478	-0.582	-0.535	1.100	1.058	1.011	-1.497	-1.450	-1.570				
	12	-0.468	-0.532	-0.504	0.663	0.651	0.689	-0.986	-1.310	-0.734				
	20	-0.564	-0.538		0.709	0.740		-1.152	-1.061					
	31	-0.512	-0.537		0.678	0.669		-1.135	-0.731					
	32	-0.534	-0.510	-0.539	0.674	0.657	0.639	-0.928	-1.082	-1.039				
	33	-0.484	-0.592	-0.473	0.605	0.637	0.658	-0.946	-1.084	-1.024				
	34	-0.594	-0.571	-0.536	0.839	0.869	0.832	-0.812	-0.815	-1.063				
	35	-0.512	-0.515		0.715	0.767		-0.956	-0.984					
	36	-0.538	-0.540	-0.506	0.698	0.756	0.702	-0.792	-0.730	-0.884				
	37	-0.463	-0.507	-0.527	0.753	0.747	0.758	-0.972	-1.141	-0.949				
	38	-0.535	-0.503	-0.503	0.605	0.513	0.577	-0.945	-0.866	-0.888				
	39	-0.546	-0.508	-0.497	0.973	1.153	0.982	-1.417	-1.416	-1.549				
	40	-0.500	-0.474		0.683	0.702		-0.959	-1.091					
	41	-0.540	-0.534	-0.484	0.691	0.762	0.687	-1.181	-1.123	-1.154				
	42	-0.498	-0.525		1.055	0.984		-1.178	-0.961					
	Min	-0.5940	-0.5920	-0.5657	0.6050	0.5130	0.5770	-2.7596	-3.0330	-1.7644				
	Max	-0.4630	-0.4734	-0.4730	1.1323	1.1530	1.0112	-0.5906	-0.4683	-0.5605				
	Mean	-0.5141	-0.5248	-0.5134	0.7640	0.7810	0.7425	-1.1517	-1.1292	-1.0642				
	Std. Dev	0.0336	0.0325	0.0238	0.1568	0.1646	0.1298	0.4451	0.4693	0.3139				
	Mean - 3 Sigma	-0.6149	-0.6224	-0.5849	0.2935	0.2872	0.3532	-2.4869	-2.5370	-2.0059				
	Mean + 3 Sigma	-0.4132	-0.4273	-0.4418	1.2344	1.2748	1.1318	0.1835	0.2786	-0.1225				
				-1.2 LSB to +1.8 LSB					-1.2 LSB to +1.8 LSB					+/-7 LSB

CTRL	SN	ChanC_inl_max			LSB	ChanD_dnl_min			LSB	ChanD_dnl_max			LSB
		PRE	30k	Anneal		PRE	30k	Anneal		PRE	30k	Anneal	
	13	1.085	0.951	1.089	-0.502	-0.509	-0.480	0.562	0.660	0.656			
	1	1.181	1.448	1.150	-0.567	-0.559	-0.489	0.813	0.643	0.658			
	2	0.860	0.676		-0.545	-0.630		0.799	0.803				
	3	0.567	0.836	0.873	-0.586	-0.571	-0.507	0.821	1.064	0.849			
	4	1.295	0.905		-0.506	-0.530		1.108	1.030				
	5	0.800	0.990		-0.512	-0.503		0.828	0.938				
	6	0.949	0.891	1.070	-0.564	-0.504	-0.529	0.748	0.809	0.750			
	7	0.997	1.134	1.050	-0.490	-0.528	-0.518	0.782	0.767	0.799			
	8	1.014	1.028	0.923	-0.517	-0.511	-0.539	0.589	0.724	0.624			
	10	0.741	0.691	1.009	-0.612	-0.533	-0.482	0.755	0.645	0.842			
	11	1.282	1.365	1.408	-0.498	-0.524	-0.526	0.656	0.760	0.686			
	12	0.809	0.599	1.016	-0.532	-0.531	-0.557	0.709	0.663	0.716			
	20	1.120	1.113		-0.457	-0.538		0.644	0.639				
	31	0.872	0.962		-0.504	-0.505		0.725	0.732				
	32	0.737	0.810	0.734	-0.573	-0.526	-0.524	0.891	0.906	0.792			
	33	1.039	0.913	0.761	-0.516	-0.506	-0.510	0.800	0.668	0.710			
	34	1.119	1.574	1.086	-0.612	-0.502	-0.478	0.627	0.651	0.631			
	35	0.906	0.868		-0.545	-0.557		0.845	0.723				
	36	0.987	0.944	1.220	-0.508	-0.481	-0.537	0.888	0.974	1.048			
	37	1.055	0.973	0.947	-0.502	-0.558	-0.491	0.833	0.933	0.876			
	38	0.783	0.801	0.879	-0.543	-0.558	-0.526	0.758	0.649	0.617			
	39	0.982	1.232	0.987	-0.522	-0.510	-0.557	0.784	0.681	0.751			
	40	0.958	0.866		-0.617	-0.582		0.694	0.804				
	41	1.010	0.971	0.681	-0.478	-0.530	-0.483	0.793	0.833	0.679			
	42	1.176	1.226		-0.527	-0.500		0.730	0.618				
	Min	0.5672	0.5989	0.6810	-0.6170	-0.6304	-0.5573	0.5887	0.6180	0.6170			
	Max	1.2949	1.5740	1.4079	-0.4567	-0.4810	-0.4780	1.1078	1.0637	1.0480			
	Mean	0.9682	0.9923	0.9871	-0.5347	-0.5324	-0.5158	0.7675	0.7774	0.7516			
	Std. Dev	0.1788	0.2407	0.1860	0.0430	0.0330	0.0257	0.1106	0.1338	0.1141			
	Mean - 3 Sigma	0.4317	0.2702	0.4291	-0.6638	-0.6314	-0.5928	0.4355	0.3760	0.4094			
	Mean + 3 Sigma	1.5048	1.7144	1.5450	-0.4057	-0.4334	-0.4387	1.0994	1.1788	1.0939			
				+/-7 LSB					-1.2 LSB to +1.8 LSB				

CTRL	SN	ChanD_inl_min		LSB	ChanD_inl_max		LSB	ChanE_dnl_min		LSB
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	-1.323	-1.416	-1.520	0.686	0.632	0.774	-0.538	-0.610	-0.571
	1	-1.394	-1.668	-1.339	0.739	0.824	0.629	-0.499	-0.529	-0.522
	2	-1.589	-1.550		0.812	1.168		-0.538	-0.544	
	3	-1.296	-1.454	-1.318	1.455	0.966	1.463	-0.541	-0.558	-0.539
	4	-1.320	-1.923		1.173	1.790		-0.601	-0.537	
	5	-1.438	-1.200		0.763	0.861		-0.505	-0.509	
	6	-1.889	-1.613	-1.657	1.237	1.304	1.577	-0.621	-0.593	-0.514
	7	-1.197	-1.186	-1.164	0.810	0.669	0.763	-0.492	-0.525	-0.627
	8	-1.431	-1.370	-1.292	0.782	0.586	0.775	-0.573	-0.485	-0.489
	10	-1.523	-1.293	-1.075	0.668	0.627	1.002	-0.571	-0.559	-0.489
	11	-1.375	-1.585	-1.176	1.004	0.866	1.022	-0.516	-0.510	-0.541
	12	-1.175	-1.331	-1.115	0.651	0.637	0.755	-0.571	-0.471	-0.533
	20	-1.260	-0.905		0.850	1.009		-0.495	-0.522	
	31	-1.154	-1.265		0.757	0.753		-0.548	-0.553	
	32	-1.710	-1.728	-1.805	1.232	1.023	1.190	-0.500	-0.554	-0.519
	33	-1.429	-1.153	-1.230	0.996	0.943	0.863	-0.487	-0.544	-0.517
	34	-1.323	-1.421	-1.372	1.019	0.622	0.689	-0.514	-0.535	-0.560
	35	-1.279	-1.393		0.837	0.875		-0.577	-0.528	
	36	-1.106	-1.410	-1.335	0.974	0.889	1.053	-0.511	-0.538	-0.577
	37	-1.420	-0.978	-1.702	0.929	1.466	0.694	-0.489	-0.518	-0.491
	38	-2.142	-2.185	-2.439	0.531	0.612	0.412	-0.484	-0.589	-0.483
	39	-1.325	-1.374	-1.361	0.745	0.571	0.522	-0.494	-0.536	-0.557
	40	-1.652	-1.833		1.555	1.648		-0.494	-0.625	
	41	-1.357	-2.104	-1.334	0.920	0.466	0.827	-0.524	-0.539	-0.550
	42	-1.259	-0.893		0.932	0.986		-0.506	-0.492	
	Min	-2.1420	-2.1850	-2.4390	0.5310	0.4660	0.4120	-0.6212	-0.6250	-0.6272
	Max	-1.1060	-0.8930	-1.0751	1.5550	1.7897	1.5774	-0.4840	-0.4710	-0.4830
	Mean	-1.4184	-1.4506	-1.4196	0.9321	0.9234	0.8897	-0.5271	-0.5371	-0.5317
	Std. Dev	0.2395	0.3400	0.3414	0.2493	0.3437	0.3173	0.0395	0.0341	0.0379
	Mean - 3 Sigma	-2.1370	-2.4707	-2.4439	0.1842	-0.1077	-0.0622	-0.6455	-0.6393	-0.6454
	Mean + 3 Sigma	-0.6997	-0.4306	-0.3954	1.6800	1.9545	1.8416	-0.4086	-0.4349	-0.4180
		+/-7 LSB			+/-7 LSB			-1.2 LSB to +1.8 LSB		

CTRL	SN	ChanE_dnl_max		LSB	ChanE_inl_min		LSB	ChanE_inl_max		LSB
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	0.766	0.816	0.829	-1.284	-0.976	-1.106	1.266	1.480	1.454
	1	0.642	0.827	0.611	-1.415	-1.082	-0.948	1.304	1.653	1.375
	2	0.822	0.649		-1.014	-0.706		1.622	1.394	
	3	0.578	0.708	0.622	-0.822	-0.898	-0.769	1.360	1.328	1.316
	4	0.773	0.742		-1.088	-1.207		2.873	3.294	
	5	0.828	0.812		-2.037	-1.745		0.994	1.149	
	6	1.016	0.896	0.942	-1.548	-1.379	-1.350	1.301	1.123	1.536
	7	0.598	0.738	0.773	-1.185	-1.142	-1.439	1.903	2.098	1.767
	8	0.674	0.764	0.664	-1.656	-0.880	-1.400	0.987	1.296	1.259
	10	0.758	0.878	0.628	-1.575	-1.846	-1.316	1.212	0.968	1.155
	11	0.673	0.723	0.673	-1.305	-1.165	-0.834	1.517	1.272	1.569
	12	0.720	0.826	0.806	-1.546	-1.497	-1.637	1.787	1.665	1.477
	20	0.844	0.808		-1.141	-1.073		1.238	1.209	
	31	0.977	0.904	-1.663	-1.663	-1.666		1.112	1.368	
	32	0.710	0.821	0.663	-1.131	-1.225	-0.849	1.409	0.977	1.302
	33	0.760	0.670	0.683	-1.385	-1.464	-1.302	1.662	1.769	1.871
	34	0.705	0.771	0.860	-1.488	-1.015	-1.081	1.192	1.707	1.191
	35	0.693	0.724		-1.138	-0.993		0.974	1.382	
	36	0.650	0.629	0.667	-1.267	-1.067	-1.171	1.284	1.289	1.314
	37	0.610	0.718	0.716	-1.301	-0.993	-1.283	1.210	1.621	1.168
	38	0.744	0.770	0.704	-1.370	-1.342	-1.092	1.416	0.835	1.088
	39	1.063	0.961	0.953	-1.592	-1.605	-1.362	0.982	1.392	1.303
	40	0.818	0.777		-1.110	-1.052		1.241	1.207	
	41	0.731	0.789	0.806	-0.820	-0.406	-1.060	2.066	2.334	1.745
	42	0.801	0.863		-1.014	-1.171		1.587	1.575	
	Min	0.5778	0.6290	0.6109	-2.0372	-1.8462	-1.6366	0.9740	0.8350	1.0880
	Max	1.0630	0.9610	0.9530	-0.8200	-0.4060	-0.7692	2.8732	3.2943	1.8710
	Mean	0.7579	0.7820	0.7356	-1.3171	-1.1925	-1.1808	1.4264	1.4961	1.4023
	Std. Dev	0.1252	0.0826	0.1096	0.2901	0.3341	0.2468	0.4243	0.5156	0.2362
	Mean - 3 Sigma	0.3822	0.5342	0.4068	-2.1875	-2.1949	-1.9213	0.1534	-0.0508	0.6936
	Mean + 3 Sigma	1.1335	1.0298	1.0644	-0.4466	-0.1900	-0.4403	2.6994	3.0430	2.1109
		-1.2 LSB to +1.8 LSB			+/-7 LSB			+/-7 LSB		

CTRL	SN	ChanF_dnl_min			LSB	ChanF_dnl_max			LSB	ChanF_inl_min			LSB
		PRE	30k	Anneal		PRE	30k	Anneal		PRE	30k	Anneal	
	13	-0.490	-0.517	-0.568	0.913	0.901	0.808	1.084	-1.380	-1.859	-1.308		
	1	-0.534	-0.589	-0.488	1.005	0.733	1.084	1.084	-1.332	-0.810	-0.916		
	2	-0.515	-0.455		0.662	0.620			-0.729	-0.619			
	3	-0.500	-0.489	-0.478	0.598	0.673	0.675		-0.710	-0.622	-0.633		
	4	-0.601	-0.558		1.185	1.181			-2.554	-2.840			
	5	-0.591	-0.557		0.742	0.829			-0.599	-0.672			
	6	-0.546	-0.479	-0.520	0.633	0.649	0.633		-0.854	-0.660	-0.799		
	7	-0.512	-0.551	-0.507	0.778	0.814	0.803		-1.174	-1.381	-1.264		
	8	-0.567	-0.532	-0.522	0.687	0.812	0.778		-0.513	-0.634	-0.513		
	10	-0.587	-0.519	-0.558	0.857	0.727	0.708		-0.542	-0.572	-0.525		
	11	-0.509	-0.547	-0.586	0.770	0.706	0.584		-0.718	-0.653	-0.568		
	12	-0.507	-0.522	-0.522	1.001	0.929	1.082		-1.511	-1.292	-1.342		
	20	-0.534	-0.492		0.744	0.681			-0.577	-0.532			
	31	-0.470	-0.513		0.753	0.632			-0.567	-0.699			
	32	-0.598	-0.537	-0.528	0.654	0.733	0.665		-1.159	-0.992	-0.833		
	33	-0.545	-0.585	-0.568	0.987	0.903	0.857		-1.092	-0.902	-1.018		
	34	-0.547	-0.533	-0.512	0.669	0.664	0.656		-1.191	-0.880	-1.001		
	35	-0.536	-0.512		0.716	0.667			-0.786	-1.059			
	36	-0.536	-0.500	-0.541	0.788	0.730	0.700		-0.836	-0.842	-0.788		
	37	-0.490	-0.551	-0.594	0.642	0.694	0.777		-1.002	-0.829	-0.797		
	38	-0.511	-0.471	-0.543	0.890	0.766	0.777		-1.000	-0.733	-0.576		
	39	-0.538	-0.563	-0.498	0.966	0.812	0.810		-0.823	-1.176	-0.944		
	40	-0.513	-0.556		0.642	0.649			-0.753	-0.537			
	41	-0.513	-0.538	-0.538	0.776	0.760	0.700		-0.823	-0.687	-0.819		
	42	-0.522	-0.522		0.813	0.847			-1.140	-0.737			
	Min	-0.6006	-0.5887	-0.5940	0.5977	0.6201	0.5837		-2.5544	-2.8398	-1.3416		
	Max	-0.4700	-0.4550	-0.4779	1.1854	1.1808	1.0843		-0.5134	-0.5316	-0.5130		
	Mean	-0.5342	-0.5279	-0.5314	0.7899	0.7588	0.7680		-0.9577	-0.8899	-0.8335		
	Std. Dev	0.0343	0.0347	0.0330	0.1488	0.1233	0.1429		0.4321	0.4748	0.2456		
	Mean - 3 Sigma	-0.6371	-0.6319	-0.6303	0.3433	0.3889	0.3392		-2.2539	-2.3143	-1.5703		
	Mean + 3 Sigma	-0.4313	-0.4239	-0.4325	1.2364	1.1286	1.1968		0.3384	0.5346	-0.0966		
				-1.2 LSB to +1.8 LSB					-1.2 LSB to +1.8 LSB				

CTRL	SN	ChanF_inl_max			LSB	ChanG_dnl_min			LSB	ChanG_dnl_max			LSB
		PRE	30k	Anneal		PRE	30k	Anneal		PRE	30k	Anneal	
	13	2.187	1.523	2.023	-0.534	-0.503	-0.538	0.766	0.800	0.860			
	1	1.015	1.163	1.261	-0.541	-0.575	-0.478	0.752	0.789	0.756			
	2	1.219	1.309		-0.546	-0.530		0.779	0.663				
	3	1.099	1.441	1.412	-0.577	-0.507	-0.492	0.644	0.582	0.580			
	4	2.207	1.415		-0.523	-0.560		0.706	0.670				
	5	1.144	1.200		-0.526	-0.494		0.583	0.584				
	6	1.304	1.354	1.355	-0.511	-0.473	-0.505	0.651	0.707	0.679			
	7	0.927	1.036	1.245	-0.519	-0.491	-0.508	0.896	0.939	0.998			
	8	1.373	1.352	1.468	-0.504	-0.531	-0.475	0.665	0.668	0.785			
	10	1.557	1.471	1.310	-0.558	-0.533	-0.483	0.678	0.816	0.674			
	11	1.158	1.152	0.991	-0.508	-0.526	-0.515	1.168	1.139	1.200			
	12	1.475	1.718	1.998	-0.491	-0.477	-0.482	0.624	0.742	0.718			
	20	1.394	1.384		-0.530	-0.533		0.595	0.686				
	31	1.029	0.933		-0.582	-0.562		0.802	0.736				
	32	1.203	1.238	1.272	-0.507	-0.534	-0.473	0.798	0.826	0.805			
	33	1.857	1.532	2.334	-0.544	-0.505	-0.532	0.911	0.780	0.745			
	34	1.127	1.080	0.975	-0.587	-0.530	-0.531	0.661	0.663	0.643			
	35	1.049	1.088		-0.505	-0.557		0.654	0.609				
	36	1.046	1.131	1.080	-0.560	-0.528	-0.506	0.704	0.635	0.711			
	37	1.072	1.055	1.304	-0.483	-0.512	-0.506	0.762	0.764	0.665			
	38	1.405	1.281	1.417	-0.526	-0.532	-0.567	0.630	0.739	0.796			
	39	1.417	0.970	1.171	-0.477	-0.512	-0.504	0.653	0.587	0.808			
	40	0.916	1.123		-0.463	-0.515		0.691	0.762				
	41	1.028	1.376	0.902	-0.497	-0.539	-0.564	0.654	0.800	0.698			
	42	0.859	1.127		-0.538	-0.532		0.879	0.876				
	Min	0.8590	0.9330	0.9020	-0.5870	-0.5754	-0.5670	0.5830	0.5815	0.5799			
	Max	2.2070	1.7184	2.3340	-0.4630	-0.4725	-0.4730	1.1683	1.1392	1.2003			
	Mean	1.2450	1.2470	1.3434	-0.5251	-0.5244	-0.5076	0.7308	0.7401	0.7663			
	Std. Dev	0.3104	0.1927	0.3664	0.0329	0.0257	0.0289	0.1311	0.1262	0.1491			
	Mean - 3 Sigma	0.3138	0.6690	0.2442	-0.6239	-0.6014	-0.5943	0.3376	0.3615	0.3190			
	Mean + 3 Sigma	2.1761	1.8250	2.4425	-0.4264	-0.4474	-0.4210	1.1239	1.1187	1.2137			
				+/-7 LSB					-1.2 LSB to +1.8 LSB				

CTRL	SN	ChanG_inl_min		LSB	ChanG_inl_max		LSB	ChanH_dnl_min		LSB
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	-1.463	-1.546	-1.440	0.560	0.647	0.607	-0.531	-0.502	-0.498
	1	-1.511	-1.896	-1.429	0.897	1.225	0.828	-0.511	-0.511	-0.581
	2	-1.850	-1.382		0.863	0.531		-0.516	-0.518	
	3	-1.289	-1.262	-1.378	0.430	0.700	0.338	-0.504	-0.537	-0.549
	4	-1.474	-1.695		1.223	1.362		-0.470	-0.539	
	5	-1.069	-0.996		0.485	0.773		-0.604	-0.516	
	6	-1.201	-0.921	-1.279	1.481	1.283	1.279	-0.551	-0.515	-0.561
	7	-1.487	-1.216	-1.118	0.791	0.864	0.779	-0.525	-0.513	-0.542
	8	-1.249	-1.199	-1.176	1.055	0.904	0.962	-0.523	-0.568	-0.526
	10	-1.654	-1.422	-1.072	0.835	0.936	1.170	-0.489	-0.554	-0.529
	11	-1.754	-1.781	-1.604	1.086	1.417	1.220	-0.518	-0.495	-0.477
	12	-1.285	-1.301	-1.263	0.731	0.523	0.660	-0.532	-0.492	-0.542
	20	-1.307	-1.164		0.436	0.701		-0.478	-0.488	
	31	-1.423	-1.839		1.435	0.790		-0.427	-0.562	
	32	-1.249	-1.341	-1.114	0.686	1.023	1.112	-0.577	-0.486	-0.599
	33	-1.505	-1.519	-1.582	0.827	0.729	0.497	-0.475	-0.486	-0.514
	34	-1.497	-1.402	-1.350	0.635	0.753	0.742	-0.510	-0.539	-0.474
	35	-1.594	-1.320		0.584	0.490		-0.507	-0.548	
	36	-1.145	-1.087	-1.199	0.698	0.857	0.648	-0.480	-0.612	-0.516
	37	-1.446	-1.532	-1.653	0.920	0.668	0.886	-0.537	-0.493	-0.558
	38	-1.161	-1.066	-1.163	0.947	0.799	0.695	-0.477	-0.532	-0.536
	39	-1.211	-1.418	-1.443	0.546	0.607	0.464	-0.499	-0.483	-0.514
	40	-1.256	-1.495		0.899	0.533		-0.511	-0.481	
	41	-1.174	-1.104	-1.151	0.941	0.677	0.532	-0.588	-0.554	-0.504
	42	-1.737	-1.501		1.351	1.637		-0.494	-0.559	
	Min	-1.8497	-1.8955	-1.6530	0.4301	0.4900	0.3384	-0.6039	-0.6120	-0.5990
	Max	-1.0692	-0.9210	-1.0718	1.4807	1.6370	1.2788	-0.4270	-0.4810	-0.4740
	Mean	-1.3971	-1.3690	-1.3108	0.8658	0.8658	0.8008	-0.5127	-0.5242	-0.5326
	Std. Dev	0.2137	0.2602	0.1877	0.2955	0.3098	0.2853	0.0397	0.0339	0.0336
	Mean - 3 Sigma	-2.0382	-2.1498	-1.8740	-0.0206	-0.0634	-0.0552	-0.6317	-0.6260	-0.6335
	Mean + 3 Sigma	-0.7560	-0.5883	-0.7476	1.7521	1.7951	1.6568	-0.3936	-0.4224	-0.4317
			+/-7 LSB			+/-7 LSB			-1.2 LSB to +1.8 LSB	

CTRL	SN	ChanH_dnl_max		LSB	ChanH_inl_min		LSB	ChanH_inl_max		LSB
		PRE	30k	Anneal	PRE	30k	Anneal	PRE	30k	Anneal
	13	0.614	0.677	0.591	-0.613	-0.448	-0.785	1.444	1.257	1.092
	1	0.679	0.696	0.678	-1.163	-0.844	-0.917	0.491	1.301	0.869
	2	0.656	0.689		-0.833	-0.773		1.351	1.079	
	3	0.933	0.698	0.780	-0.880	-0.776	-0.720	0.902	1.012	1.025
	4	0.671	0.708		-1.111	-0.698		0.766	1.369	
	5	0.536	0.609		-0.661	-0.775		1.205	1.162	
	6	0.868	1.055	0.875	-1.368	-1.387	-1.538	1.444	1.940	1.754
	7	0.692	1.046	0.692	-1.120	-0.848	-1.135	0.918	1.306	0.581
	8	0.717	0.770	0.810	-0.983	-0.891	-0.682	1.615	1.440	1.694
	10	1.015	1.078	0.789	-1.068	-1.179	-1.057	1.308	1.124	1.504
	11	0.653	0.734	0.618	-0.789	-1.436	-0.707	0.957	0.453	0.954
	12	0.590	0.622	0.738	-0.725	-0.681	-0.654	0.997	1.166	1.037
	20	0.636	0.753		-0.833	-1.095		0.839	0.693	
	31	0.602	0.606		-0.926	-0.925		0.899	0.705	
	32	0.733	0.737	0.832	-1.041	-1.157	-1.223	1.212	1.218	0.877
	33	0.565	0.588	0.656	-0.893	-0.700	-0.640	0.715	0.979	1.114
	34	0.714	0.728	0.795	-0.779	-1.020	-0.885	1.291	1.123	1.144
	35	0.836	0.738		-0.876	-0.816		1.087	1.114	
	36	0.676	0.833	0.722	-0.772	-0.625	-0.700	1.011	1.147	1.087
	37	0.533	0.519	0.573	-1.128	-0.971	-0.875	0.770	1.330	1.302
	38	0.669	0.801	0.821	-0.779	-1.255	-1.011	1.570	1.151	1.392
	39	0.814	0.887	0.848	-1.055	-1.199	-0.971	1.295	1.122	1.415
	40	0.808	0.783		-0.970	-0.717		0.934	1.149	
	41	0.662	0.680	0.545	-0.637	-1.057	-0.896	0.925	0.794	0.719
	42	1.022	0.912		-1.138	-0.614		1.403	1.415	
	Min	0.5330	0.5190	0.5450	-1.3676	-1.4364	-1.5381	0.4910	0.4529	0.5812
	Max	1.0220	1.0783	0.8751	-0.6370	-0.6140	-0.6400	1.6152	1.9398	1.7539
	Mean	0.7200	0.7613	0.7357	-0.9386	-0.9349	-0.9131	1.0793	1.1371	1.1542
	Std. Dev	0.1363	0.1467	0.1003	0.1821	0.2393	0.2440	0.2880	0.2936	0.3339
	Mean - 3 Sigma	0.3110	0.3211	0.4348	-1.4848	-1.6529	-1.6451	0.2152	0.2563	0.1526
	Mean + 3 Sigma	1.1290	1.2014	1.0366	-0.3924	-0.2170	-0.1811	1.9434	2.0180	2.1558
			-1.2 LSB to +1.8 LSB			+/-7 LSB			+/-7 LSB	





























