



GS Monthly Verification Report

Product : O1_712

Overall Result :

FAILED

GS SN : NTX2B16CP00712

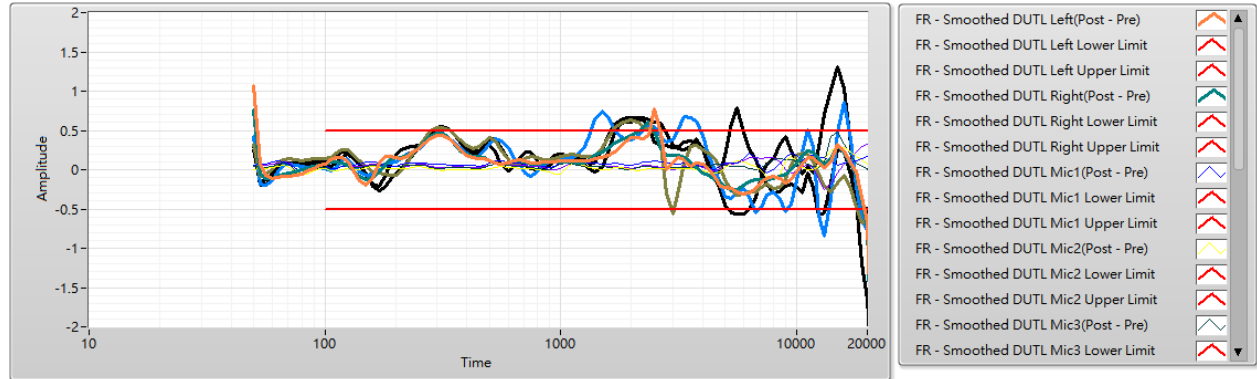
VM SN : NTX3209CP02597



Date : 2024-05-06

FAILED

GS Verification Graphs



GS Verification Summary Data

80.000	75.000	71.000	67.000	63.000	60.000	56.000	53.000	50.000	Frequency
									FR - Smoothed DUTL Left(Pre-Delta)
									FR - Smoothed DUTL Left(Post-Delta)
									FR - Smoothed DUTL Left(Post - Pre)
80.000	-0.055	-0.077	-0.082	-0.086	-0.092	-0.106	-0.070	0.068	Frequency
									FR - Smoothed DUTL Right(Pre-Delta)
									FR - Smoothed DUTL Right(Post-Delta)
									FR - Smoothed DUTL Right(Post - Pre)
80.000	75.000	71.000	67.000	63.000	60.000	56.000	53.000	50.000	Frequency
									FR - Smoothed DUTL Mic1(Pre-Delta)
									FR - Smoothed DUTL Mic1(Post-Delta)
									FR - Smoothed DUTL Mic1(Post - Pre)
80.000	-0.008	0.010	0.064	0.105	0.108	0.095	0.074	0.066	Frequency
									FR - Smoothed DUTL Mic2(Pre-Delta)
									FR - Smoothed DUTL Mic2(Post-Delta)
									FR - Smoothed DUTL Mic2(Post - Pre)
80.000	-0.025	-0.029	-0.039	-0.051	-0.060	-0.068	-0.079	-0.086	Frequency
									FR - Smoothed DUTL Mic3(Pre-Delta)
									FR - Smoothed DUTL Mic3(Post-Delta)
									FR - Smoothed DUTL Mic3(Post - Pre)
80.000	-0.059	-0.027	0.035	0.058	0.045	0.026	0.011	0.008	Frequency
									FR - Smoothed DUTL Mic4(Pre-Delta)
									FR - Smoothed DUTL Mic4(Post-Delta)
									FR - Smoothed DUTL Mic4(Post - Pre)
80.000	-0.215	-0.221	-0.231	-0.239	-0.245	-0.251	-0.261	-0.266	Frequency
									FR - Smoothed DUTL Mic5(Pre-Delta)
									FR - Smoothed DUTL Mic5(Post-Delta)
									FR - Smoothed DUTL Mic5(Post - Pre)
80.000	-0.041	-0.009	0.059	0.080	0.064	0.046	0.035	0.034	Frequency
									FR - Smoothed DUTL Mic6(Pre-Delta)
									FR - Smoothed DUTL Mic6(Post-Delta)
									FR - Smoothed DUTL Mic6(Post - Pre)
80.000	75.000	71.000	67.000	63.000	60.000	56.000	53.000	50.000	Frequency
									FR - Smoothed DUTL Mic7(Pre-Delta)
									FR - Smoothed DUTL Mic7(Post-Delta)
									FR - Smoothed DUTL Mic7(Post - Pre)
80.000	-0.018	0.011	0.080	0.103	0.086	0.065	0.050	0.045	Frequency
									FR - Smoothed Self DUTL Mic1(Pre-Delta)
									FR - Smoothed Self DUTL Mic1(Post-Delta)
									FR - Smoothed Self DUTL Mic1(Post - Pre)
80.000	-0.118	0.126	0.137	0.132	0.088	0.003	-0.062	-0.082	Frequency
									FR - Smoothed Self DUTL Mic2(Pre-Delta)
									FR - Smoothed Self DUTL Mic2(Post-Delta)
									FR - Smoothed Self DUTL Mic2(Post - Pre)
80.000	-0.315	-0.310	-0.305	-0.317	-0.355	-0.407	-0.454	-0.518	Frequency
									FR - Smoothed Self DUTL Mic3(Pre-Delta)
									FR - Smoothed Self DUTL Mic3(Post-Delta)
									FR - Smoothed Self DUTL Mic3(Post - Pre)
80.000	75.000	71.000	67.000	63.000	60.000	56.000	53.000	50.000	Frequency
									FR - Smoothed Self DUTL Mic4(Pre-Delta)
									FR - Smoothed Self DUTL Mic4(Post-Delta)
									FR - Smoothed Self DUTL Mic4(Post - Pre)
80.000	-0.072	0.077	0.087	0.080	0.036	-0.050	-0.122	-0.154	Frequency
									FR - Smoothed Self DUTL Mic5(Pre-Delta)
									FR - Smoothed Self DUTL Mic5(Post-Delta)
									FR - Smoothed Self DUTL Mic5(Post - Pre)
80.000	-0.504	-0.474	-0.446	-0.434	-0.451	-0.481	-0.502	-0.517	Frequency
									FR - Smoothed Self DUTL Mic6(Pre-Delta)
									FR - Smoothed Self DUTL Mic6(Post-Delta)
									FR - Smoothed Self DUTL Mic6(Post - Pre)

280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.413	-0.392	-0.376	-0.367	-0.360	-0.358	-0.366	-0.384	-0.413	-0.384	-0.252	-0.118	-0.087	-0.168	-0.275	-0.350	-0.395	-0.397	-0.371	-0.353	-0.339	-0.333
-0.021	-0.060	-0.103	-0.147	-0.189	-0.214	-0.217	-0.216	-0.241	-0.304	-0.352	-0.319	-0.230	-0.166	-0.159	-0.195	-0.240	-0.275	-0.296	-0.303	-0.321	-0.354
0.392	0.332	0.273	0.220	0.171	0.144	0.149	0.168	0.172	0.080	-0.100	-0.201	-0.143	0.002	0.116	0.155	0.155	0.122	0.075	0.050	0.018	-0.021
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.418	-0.400	-0.390	-0.384	-0.370	-0.355	-0.355	-0.363	-0.370	-0.343	-0.265	-0.188	-0.166	-0.208	-0.281	-0.350	-0.398	-0.408	-0.387	-0.361	-0.340	-0.329
0.006	-0.046	-0.103	-0.153	-0.191	-0.204	-0.199	-0.232	-0.316	-0.365	-0.358	-0.313	-0.244	-0.211	-0.229	-0.270	-0.300	-0.314	-0.313	-0.299	-0.297	-0.312
0.424	0.354	0.287	0.231	0.179	0.151	0.156	0.131	0.054	-0.022	-0.093	-0.125	-0.078	-0.003	0.052	0.080	0.098	0.094	0.074	0.062	0.043	0.017
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.045	-0.049	-0.049	-0.045	-0.038	-0.037	-0.036	-0.032	-0.030	-0.035	-0.049	-0.059	-0.049	-0.020	0.010	0.026	0.016	-0.015	-0.042	-0.043	-0.022	-0.003
0.032	0.031	0.034	0.044	0.051	0.036	0.013	0.008	0.030	0.054	0.055	0.038	0.026	0.040	0.065	0.062	0.032	0.006	0.008	0.007	-0.016	-0.020
0.077	0.080	0.083	0.089	0.089	0.073	0.049	0.040	0.060	0.089	0.104	0.097	0.075	0.060	0.055	0.036	0.016	0.021	0.050	0.050	0.006	-0.017
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.027	-0.036	-0.038	-0.031	-0.020	-0.020	-0.028	-0.028	-0.022	-0.025	-0.039	-0.050	-0.039	-0.015	0.008	0.020	0.012	-0.018	-0.049	-0.056	-0.041	-0.028
-0.015	-0.006	-0.002	-0.006	-0.010	-0.011	-0.009	-0.009	-0.002	0.010	0.001	-0.026	-0.038	-0.012	0.020	0.020	-0.007	-0.031	-0.034	-0.036	-0.057	-0.079
0.012	0.030	0.036	0.025	0.010	0.009	0.019	0.019	0.020	0.035	0.040	0.024	0.001	0.003	0.012	-0.000	-0.019	-0.013	0.015	0.020	-0.016	-0.051
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.219	-0.228	-0.230	-0.225	-0.218	-0.216	-0.216	-0.213	-0.211	-0.214	-0.224	-0.233	-0.226	-0.207	-0.187	-0.174	-0.178	-0.201	-0.231	-0.242	-0.229	-0.218
-0.184	-0.175	-0.169	-0.166	-0.166	-0.171	-0.173	-0.173	-0.166	-0.159	-0.169	-0.191	-0.199	-0.175	-0.143	-0.138	-0.165	-0.193	-0.204	-0.210	-0.230	-0.249
0.035	0.053	0.061	0.059	0.052	0.045	0.043	0.040	0.045	0.055	0.055	0.042	0.027	0.032	0.044	0.036	0.013	0.008	0.027	0.032	-0.001	-0.031
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.344	-0.351	-0.352	-0.343	-0.332	-0.327	-0.327	-0.322	-0.316	-0.317	-0.326	-0.330	-0.317	-0.291	-0.265	-0.248	-0.251	-0.275	-0.303	-0.307	-0.284	-0.259
-0.296	-0.285	-0.278	-0.281	-0.287	-0.287	-0.281	-0.277	-0.267	-0.252	-0.254	-0.272	-0.274	-0.245	-0.210	-0.206	-0.232	-0.254	-0.251	-0.240	-0.248	-0.262
0.048	0.066	0.074	0.062	0.045	0.040	0.046	0.045	0.049	0.065	0.072	0.058	0.043	0.046	0.055	0.042	0.019	0.021	0.052	0.067	0.036	-0.003
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.370	-0.344	-0.324	-0.316	-0.308	-0.290	-0.272	-0.268	-0.262	-0.215	-0.130	-0.067	-0.067	-0.127	-0.203	-0.262	-0.298	-0.317	-0.326	-0.325	-0.318	-0.313
0.119	0.057	-0.030	-0.125	-0.224	-0.309	-0.348	-0.340	-0.315	-0.259	-0.152	-0.031	0.046	0.064	0.045	-0.009	-0.091	-0.156	-0.179	-0.179	-0.184	-0.192
0.489	0.401	0.294	0.191	0.084	-0.019	-0.076	-0.072	-0.053	-0.044	-0.022	0.036	0.113	0.191	0.248	0.253	0.207	0.161	0.147	0.146	0.134	0.121
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.318	-0.292	-0.284	-0.303	-0.336	-0.353	-0.352	-0.352	-0.341	-0.265	-0.116	0.016	0.037	-0.051	-0.162	-0.236	-0.276	-0.303	-0.321	-0.325	-0.320	-0.317
0.079	0.032	-0.023	-0.077	-0.141	-0.213	-0.260	-0.272	-0.277	-0.254	-0.167	-0.057	0.012	0.023	-0.019	-0.121	-0.244	-0.311	-0.312	-0.291	-0.284	-0.284
0.397	0.324	0.261	0.226	0.195	0.140	0.092	0.080	0.064	0.011	-0.051	-0.073	-0.025	0.074	0.143	0.115	0.032	-0.008	0.009	0.034	0.036	0.033
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.554	-0.533	-0.512	-0.491	-0.459	-0.402	-0.330	-0.271	-0.243	-0.248	-0.283	-0.330	-0.378	-0.428	-0.482	-0.531	-0.565	-0.583	-0.587	-0.581	-0.572	-0.568
-0.081	-0.158	-0.239	-0.310	-0.366	-0.393	-0.392	-0.403	-0.465	-0.522	-0.489	-0.382	-0.287	-0.247	-0.257	-0.312	-0.394	-0.454	-0.472	-0.471	-0.476	-0.489
0.473	0.375	0.273	0.181	0.093	0.009	-0.062	-0.132	-0.222	-0.274	-0.206	-0.052	0.091	0.181	0.225	0.219	0.171	0.129	0.115	0.110	0.096	0.079
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.639	-0.618	-0.608	-0.617	-0.627	-0.602	-0.535	-0.468	-0.434	-0.430	-0.430	-0.419	-0.424	-0.465	-0.523	-0.565	-0.586	-0.595	-0.593	-0.576	-0.551	-0.528
-0.182	-0.246	-0.296	-0.325	-0.342	-0.347	-0.349	-0.395	-0.521	-0.636	-0.613	-0.484	-0.362	-0.307	-0.322	-0.404	-0.505	-0.553	-0.538	-0.502	-0.478	-0.460
0.457	0.372	0.312	0.292	0.285	0.255	0.186	0.073	-0.087	-0.206	-0.183	-0.065	0.062	0.158	0.201	0.161	0.081	0.042	0.055	0.074	0.073	0.068

1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.444	-0.463	-0.477	-0.485	-0.476	-0.467	-0.489	-0.505	-0.485	-0.454	-0.471	-0.521	-0.563	-0.580	-0.548	-0.498	-0.471	-0.465	-0.466	-0.460	-0.449	-0.433
-0.338	-0.358	-0.377	-0.388	-0.390	-0.385	-0.382	-0.375	-0.373	-0.373	-0.394	-0.431	-0.449	-0.442	-0.406	-0.347	-0.282	-0.206	-0.125	-0.059	-0.016	-0.001
0.106	0.105	0.100	0.097	0.086	0.082	0.107	0.130	0.112	0.081	0.077	0.090	0.114	0.138	0.142	0.151	0.189	0.259	0.341	0.401	0.433	0.432
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.468	-0.470	-0.477	-0.481	-0.489	-0.500	-0.515	-0.528	-0.517	-0.480	-0.467	-0.496	-0.537	-0.583	-0.584	-0.540	-0.503	-0.486	-0.480	-0.469	-0.453	-0.436
-0.363	-0.367	-0.380	-0.398	-0.416	-0.423	-0.419	-0.413	-0.403	-0.389	-0.393	-0.410	-0.427	-0.435	-0.412	-0.365	-0.311	-0.243	-0.157	-0.062	0.006	0.030
0.105	0.103	0.097	0.083	0.073	0.077	0.096	0.115	0.114	0.091	0.074	0.086	0.110	0.148	0.172	0.175	0.192	0.243	0.323	0.407	0.459	0.466
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.072	-0.018	-0.001	-0.011	-0.025	-0.034	-0.038	-0.041	-0.044	-0.047	-0.052	-0.054	-0.046	-0.042	-0.041	-0.032	-0.021	-0.016	-0.018	-0.027	-0.034	-0.040
0.030	0.027	0.027	0.031	0.034	0.036	0.037	0.038	0.043	0.050	0.057	0.063	0.045	0.012	0.008	0.019	0.036	0.044	0.043	0.034	0.030	0.030
0.102	0.045	0.028	0.042	0.059	0.070	0.075	0.079	0.087	0.097	0.109	0.117	0.091	0.054	0.049	0.051	0.057	0.060	0.061	0.061	0.064	0.070
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
0.024	0.038	0.030	0.019	0.008	-0.002	-0.011	-0.017	-0.021	-0.025	-0.032	-0.035	-0.018	-0.008	-0.011	-0.007	0.001	0.005	0.002	-0.005	-0.011	-0.018
-0.026	-0.019	-0.003	0.009	0.014	0.010	0.005	0.003	0.004	0.007	0.005	0.000	-0.010	-0.013	-0.013	-0.008	0.002	0.010	0.007	-0.006	-0.019	-0.021
-0.050	-0.057	-0.033	-0.010	0.006	0.012	0.016	0.020	0.025	0.032	0.037	0.035	0.008	-0.005	-0.002	-0.001	0.001	0.005	0.005	-0.001	-0.008	-0.003
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.262	-0.198	-0.157	-0.163	-0.182	-0.193	-0.196	-0.195	-0.196	-0.197	-0.199	-0.201	-0.201	-0.208	-0.213	-0.207	-0.197	-0.193	-0.196	-0.202	-0.206	-0.211
-0.191	-0.160	-0.154	-0.164	-0.170	-0.167	-0.160	-0.155	-0.149	-0.145	-0.140	-0.136	-0.147	-0.180	-0.192	-0.186	-0.174	-0.165	-0.168	-0.179	-0.190	-0.190
0.071	0.038	0.003	-0.001	0.012	0.026	0.036	0.040	0.047	0.052	0.059	0.065	0.054	0.028	0.021	0.021	0.023	0.028	0.028	0.023	0.016	0.021
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.317	-0.290	-0.288	-0.296	-0.312	-0.327	-0.337	-0.342	-0.343	-0.345	-0.349	-0.351	-0.343	-0.335	-0.336	-0.331	-0.322	-0.319	-0.322	-0.328	-0.333	-0.337
-0.308	-0.295	-0.283	-0.274	-0.275	-0.282	-0.286	-0.285	-0.282	-0.279	-0.277	-0.277	-0.283	-0.297	-0.303	-0.299	-0.287	-0.280	-0.281	-0.293	-0.303	-0.302
0.009	-0.005	0.005	0.022	0.037	0.045	0.051	0.057	0.061	0.066	0.072	0.074	0.060	0.038	0.033	0.032	0.035	0.039	0.041	0.035	0.030	0.035
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.439	-0.440	-0.438	-0.399	-0.311	-0.245	-0.264	-0.333	-0.371	-0.517	-0.917	-1.276	-1.279	-0.966	-0.584	-0.335	-0.275	-0.315	-0.361	-0.391	-0.401	-0.392
-0.268	-0.294	-0.317	-0.275	-0.150	-0.070	-0.128	-0.252	-0.307	-0.388	-0.659	-0.904	-0.877	-0.612	-0.292	-0.065	0.034	0.071	0.093	0.115	0.137	0.145
0.171	0.146	0.121	0.124	0.161	0.175	0.136	0.081	0.064	0.129	0.258	0.372	0.402	0.354	0.292	0.270	0.309	0.386	0.454	0.506	0.538	0.537
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.410	-0.338	-0.228	-0.107	-0.052	-0.140	-0.348	-0.534	-0.659	-0.924	-1.266	-1.377	-1.146	-0.722	-0.343	-0.159	-0.165	-0.240	-0.300	-0.336	-0.348	-0.340
-0.267	-0.222	-0.130	-0.050	-0.076	-0.218	-0.388	-0.466	-0.488	-0.646	-0.899	-0.988	-0.809	-0.480	-0.179	-0.011	0.040	0.045	0.048	0.063	0.087	0.099
0.143	0.116	0.098	0.057	-0.024	-0.078	-0.040	0.068	0.171	0.278	0.367	0.389	0.337	0.242	0.164	0.148	0.205	0.285	0.348	0.399	0.435	0.439
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.782	-0.808	-0.833	-0.863	-0.798	-0.625	-0.484	-0.406	-0.318	-0.340	-0.732	-1.239	-1.401	-1.174	-0.811	-0.552	-0.481	-0.517	-0.559	-0.583	-0.583	-0.572
-0.647	-0.696	-0.781	-0.849	-0.685	-0.398	-0.252	-0.264	-0.287	-0.352	-0.656	-1.007	-1.088	-0.882	-0.573	-0.333	-0.216	-0.161	-0.114	-0.064	-0.028	-0.031
0.135	0.112	0.052	0.014	0.113	0.227	0.232	0.142	0.031	-0.012	0.076	0.232	0.313	0.292	0.238	0.219	0.265	0.356	0.445	0.519	0.555	0.541
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.863	-0.813	-0.703	-0.627	-0.639	-0.679	-0.700	-0.690	-0.700	-0.953	-1.452	-1.772	-1.647	-1.218	-0.786	-0.554	-0.539	-0.611	-0.663	-0.683	-0.678	-0.660
-0.672	-0.636	-0.578	-0.586	-0.643	-0.666	-0.643	-0.622	-0.643	-0.829	-1.174	-1.378	-1.261	-0.929	-0.588	-0.377	-0.295	-0.259	-0.219	-0.167	-0.129	-0.133
0.191	0.177	0.125	0.041	-0.004	0.013	0.057	0.068	0.057	0.124	0.278	0.394	0.386	0.289	0.198	0.177	0.244	0.352	0.444	0.516	0.549	0.527

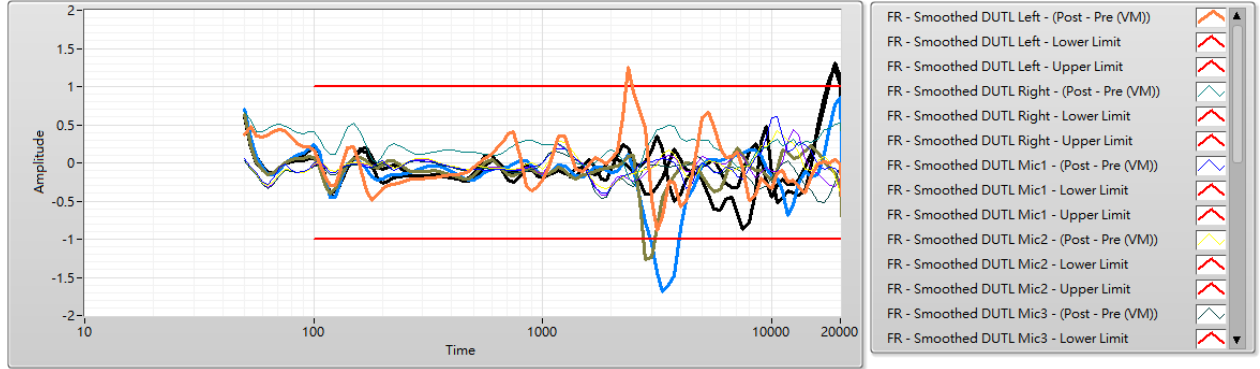
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
0.259	0.122	-0.638	-1.135	-0.526	-0.411	-0.379	-0.353	-0.362	-0.419	-0.489	-0.473	-0.448	-0.451	-0.444	-0.474	-0.484	-0.455	-0.440
0.345	0.120	-0.171	-0.361	-0.084	-0.019	0.028	0.053	0.003	-0.120	-0.258	-0.289	-0.288	-0.308	-0.330	-0.367	-0.370	-0.341	-0.330
0.086	-0.002	0.467	0.774	0.442	0.392	0.407	0.406	0.365	0.299	0.231	0.184	0.160	0.143	0.114	0.107	0.114	0.114	0.110
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.221	-0.065	0.071	0.059	0.071	0.107	0.119	0.151	0.133	0.002	-0.186	-0.318	-0.393	-0.444	-0.450	-0.440	-0.459	-0.468	-0.471
-0.032	0.118	0.344	0.547	0.677	0.644	0.597	0.590	0.535	0.381	0.150	-0.036	-0.161	-0.265	-0.323	-0.353	-0.371	-0.371	-0.368
0.189	0.183	0.273	0.488	0.606	0.537	0.478	0.439	0.402	0.379	0.336	0.282	0.232	0.179	0.127	0.087	0.088	0.097	0.103
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.048	-0.091	-0.123	-0.122	-0.098	-0.063	-0.021	0.008	0.009	-0.007	-0.018	-0.022	-0.045	-0.068	-0.076	-0.086	-0.096	-0.103	-0.102
0.023	-0.012	-0.021	-0.013	0.006	0.029	0.049	0.060	0.063	0.064	0.063	0.051	0.028	0.016	0.014	0.012	0.013	0.020	0.030
0.071	0.079	0.102	0.109	0.104	0.092	0.070	0.052	0.054	0.071	0.081	0.073	0.073	0.084	0.090	0.098	0.109	0.123	0.132
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
0.029	0.021	-0.014	-0.036	-0.024	-0.000	0.021	0.031	0.028	0.017	0.012	0.012	-0.011	-0.055	-0.088	-0.108	-0.117	-0.107	-0.044
0.042	0.036	0.004	-0.019	-0.011	0.002	0.013	0.027	0.040	0.045	0.035	0.017	-0.013	-0.043	-0.058	-0.057	-0.041	-0.020	-0.015
0.013	0.015	0.018	0.017	0.013	0.002	-0.008	-0.004	0.012	0.028	0.023	0.005	-0.002	0.012	0.030	0.051	0.076	0.087	0.029
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.274	-0.285	-0.264	-0.242	-0.240	-0.221	-0.185	-0.159	-0.163	-0.181	-0.193	-0.197	-0.215	-0.245	-0.267	-0.284	-0.299	-0.311	-0.306
-0.245	-0.260	-0.250	-0.215	-0.193	-0.177	-0.161	-0.152	-0.156	-0.162	-0.166	-0.166	-0.176	-0.202	-0.223	-0.237	-0.243	-0.239	-0.224
0.029	0.025	0.014	0.027	0.047	0.044	0.024	0.007	0.007	0.019	0.027	0.031	0.039	0.043	0.044	0.047	0.056	0.072	0.082
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.311	-0.304	-0.328	-0.355	-0.359	-0.338	-0.308	-0.297	-0.317	-0.346	-0.365	-0.372	-0.383	-0.406	-0.428	-0.446	-0.471	-0.478	-0.400
-0.315	-0.295	-0.302	-0.311	-0.302	-0.287	-0.276	-0.277	-0.292	-0.313	-0.328	-0.333	-0.342	-0.364	-0.380	-0.389	-0.392	-0.382	-0.339
-0.004	0.009	0.026	0.044	0.057	0.051	0.032	0.020	0.025	0.033	0.037	0.039	0.041	0.042	0.048	0.057	0.079	0.096	0.061
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
0.406	0.563	0.653	0.219	-0.384	-0.813	-0.955	-0.834	-0.574	-0.252	0.065	0.398	0.697	0.467	-0.041	-0.339	-0.444	-0.445	-0.438
-0.155	0.269	0.961	0.695	0.125	-0.262	-0.347	-0.202	0.046	0.335	0.594	0.824	0.972	0.642	0.126	-0.165	-0.259	-0.250	-0.249
-0.561	-0.294	0.308	0.476	0.509	0.551	0.608	0.632	0.620	0.587	0.529	0.426	0.275	0.175	0.167	0.174	0.185	0.195	0.189
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.086	-0.483	-0.711	-0.534	-0.209	-0.243	-0.433	-0.595	-0.726	-0.816	-0.601	0.183	0.309	-0.290	-0.571	-0.553	-0.464	-0.441	-0.440
0.295	-0.126	-0.283	0.014	0.348	0.255	-0.006	-0.211	-0.341	-0.391	-0.096	0.825	1.061	0.337	-0.150	-0.285	-0.285	-0.283	-0.282
0.381	0.357	0.428	0.548	0.557	0.498	0.427	0.384	0.385	0.425	0.505	0.642	0.752	0.627	0.421	0.268	0.179	0.158	0.158
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.150	-0.317	-0.555	-0.447	-0.401	-0.428	-0.401	-0.313	-0.219	-0.194	-0.193	-0.092	-0.000	-0.154	-0.514	-0.674	-0.670	-0.688	-0.740
0.165	0.141	0.043	0.162	0.228	0.228	0.267	0.352	0.440	0.444	0.383	0.361	0.268	-0.067	-0.448	-0.526	-0.500	-0.534	-0.595
0.315	0.458	0.598	0.609	0.629	0.656	0.668	0.665	0.659	0.638	0.576	0.453	0.268	0.087	0.066	0.148	0.170	0.154	0.145
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.243	-0.081	0.015	-0.050	-0.262	-0.321	-0.331	-0.385	-0.511	-0.751	-1.032	-0.964	-0.235	0.243	-0.188	-0.644	-0.843	-0.858	-0.857
0.042	0.231	0.321	0.301	0.284	0.313	0.296	0.225	0.100	-0.155	-0.555	-0.714	-0.212	0.209	-0.169	-0.561	-0.702	-0.689	-0.673
0.285	0.312	0.306	0.351	0.546	0.634	0.627	0.610	0.611	0.596	0.477	0.250	0.023	-0.034	0.019	0.083	0.141	0.169	0.184

9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
0.461	0.346	0.295	0.270	0.313	0.322	0.249	0.174	0.106	0.088	0.095	0.099	0.086	0.096	0.157	0.215	0.232	0.214	0.302
0.295	0.227	0.208	0.162	0.152	0.083	-0.047	-0.136	-0.178	-0.158	-0.137	-0.109	-0.017	0.109	0.232	0.303	0.281	0.337	0.455
-0.166	-0.119	-0.087	-0.108	-0.161	-0.239	-0.296	-0.310	-0.284	-0.246	-0.232	-0.208	-0.103	0.013	0.075	0.088	0.049	0.123	0.153
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
0.103	0.005	0.123	0.198	0.176	0.103	-0.040	-0.083	-0.010	0.155	0.348	0.407	0.402	0.351	0.236	0.112	-0.011	-0.135	-0.229
0.044	-0.083	0.015	0.070	0.052	-0.027	-0.189	-0.276	-0.261	-0.108	0.134	0.247	0.281	0.274	0.198	0.134	0.090	0.017	-0.044
-0.059	-0.088	-0.108	-0.128	-0.124	-0.130	-0.149	-0.193	-0.251	-0.263	-0.214	-0.160	-0.121	-0.077	-0.038	0.022	0.101	0.152	0.185
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
-0.078	0.010	0.086	0.103	0.023	-0.085	-0.166	-0.120	-0.078	-0.086	-0.088	-0.060	-0.002	0.037	0.031	0.011	-0.006	-0.012	-0.019
0.081	0.101	0.090	0.059	0.049	0.055	0.044	0.022	0.008	0.002	-0.003	-0.008	0.004	0.046	0.077	0.074	0.074	0.071	0.056
0.159	0.091	0.004	-0.044	0.026	0.140	0.210	0.142	0.086	0.088	0.085	0.052	0.006	0.009	0.046	0.063	0.080	0.083	0.075
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
-0.286	-0.074	0.003	-0.032	-0.077	-0.071	-0.062	-0.080	-0.103	-0.104	-0.042	0.076	0.124	0.090	0.026	-0.028	-0.054	-0.037	0.009
-0.178	-0.128	-0.109	-0.121	-0.093	-0.024	0.008	0.012	0.007	-0.014	-0.014	0.049	0.087	0.062	0.006	-0.034	-0.042	-0.020	0.023
0.108	-0.054	-0.112	-0.089	-0.016	0.047	0.070	0.092	0.110	0.090	0.028	-0.027	-0.037	-0.028	-0.020	-0.006	0.012	0.017	0.014
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
-0.240	-0.269	-0.260	-0.225	-0.228	-0.257	-0.282	-0.252	-0.235	-0.250	-0.274	-0.304	-0.282	-0.198	-0.174	-0.185	-0.206	-0.230	-0.251
-0.108	-0.124	-0.134	-0.155	-0.205	-0.254	-0.262	-0.207	-0.189	-0.202	-0.218	-0.228	-0.209	-0.154	-0.121	-0.138	-0.173	-0.204	-0.226
0.132	0.145	0.126	0.070	0.023	0.003	0.020	0.045	0.046	0.048	0.056	0.076	0.073	0.044	0.053	0.047	0.033	0.026	0.025
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
-0.410	-0.493	-0.560	-0.596	-0.570	-0.508	-0.464	-0.421	-0.395	-0.392	-0.397	-0.330	-0.281	-0.303	-0.328	-0.356	-0.375	-0.385	-0.360
-0.406	-0.392	-0.411	-0.447	-0.435	-0.347	-0.310	-0.305	-0.312	-0.325	-0.332	-0.310	-0.295	-0.299	-0.302	-0.305	-0.314	-0.338	-0.341
0.004	0.101	0.149	0.149	0.135	0.161	0.154	0.116	0.083	0.067	0.065	0.020	-0.014	0.004	0.026	0.051	0.061	0.047	0.019
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
1.218	0.419	-0.255	-0.519	-0.329	0.035	0.178	0.155	0.213	0.301	0.275	0.111	-0.079	-0.151	-0.092	-0.022	0.070	0.176	0.295
1.111	0.198	-0.488	-0.705	-0.554	-0.245	-0.102	-0.153	-0.112	0.034	0.144	0.131	0.055	0.055	0.159	0.283	0.364	0.259	0.048
-0.107	-0.221	-0.233	-0.186	-0.225	-0.280	-0.280	-0.308	-0.325	-0.267	-0.131	0.020	0.134	0.206	0.251	0.305	0.294	0.083	-0.247
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
0.586	0.255	0.307	0.625	0.812	0.534	0.015	-0.149	-0.053	0.064	0.157	0.184	0.123	-0.006	-0.230	-0.337	-0.097	0.242	0.264
0.056	-0.123	0.031	0.305	0.330	-0.013	-0.342	-0.385	-0.351	-0.300	-0.185	-0.006	0.122	0.178	0.205	0.282	0.559	0.922	0.779
-0.530	-0.378	-0.276	-0.320	-0.482	-0.547	-0.357	-0.236	-0.298	-0.364	-0.342	-0.190	-0.001	0.184	0.435	0.619	0.656	0.680	0.515
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
0.568	0.373	0.527	0.940	1.414	1.302	0.772	0.322	0.146	0.158	0.113	-0.003	-0.093	-0.153	-0.270	-0.389	-0.315	-0.243	-0.183
0.985	0.700	0.668	1.006	1.335	0.950	0.269	-0.241	-0.420	-0.392	-0.338	-0.274	-0.191	-0.103	-0.016	0.011	-0.021	0.011	0.078
0.417	0.327	0.141	0.066	-0.079	-0.352	-0.503	-0.563	-0.566	-0.550	-0.451	-0.271	-0.098	0.050	0.254	0.400	0.294	0.254	0.261
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
-0.002	-0.233	-0.115	-0.106	-0.390	-0.781	-1.018	-1.395	-2.025	-1.663	-0.886	-0.379	-0.253	-0.362	-0.530	-0.661	-0.696	-0.675	-0.491
-0.219	-0.513	-0.407	-0.288	-0.432	-0.657	-0.746	-0.933	-1.235	-1.078	-0.708	-0.413	-0.274	-0.235	-0.253	-0.319	-0.330	-0.325	-0.190
-0.217	-0.280	-0.292	-0.182	-0.042	0.124	0.272	0.462	0.790	0.585	0.178	-0.034	-0.021	0.127	0.277	0.342	0.366	0.350	0.301

22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-1.781	0.625	0.808	0.581	0.439	0.348	0.244	0.275	0.437	0.488	0.453	0.372	0.332	0.379	0.480	0.538
5.001	-2.229	0.148	0.233	0.413	0.437	0.487	0.599	0.531	0.515	0.540	0.529	0.489	0.444	0.445	0.409
6.782	-2.854	-0.660	-0.348	-0.026	0.089	0.243	0.324	0.094	0.027	0.087	0.157	0.157	0.065	-0.035	-0.129
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-1.621	0.110	-0.205	-0.122	-0.030	0.009	0.084	0.084	-0.108	-0.268	-0.374	-0.404	-0.323	-0.153	-0.030	0.116
4.782	-2.905	-0.944	-0.527	-0.089	0.080	0.292	0.397	0.030	-0.203	-0.231	-0.181	-0.080	0.017	0.054	0.120
6.403	-3.015	-0.739	-0.405	-0.059	0.071	0.208	0.313	0.138	0.065	0.143	0.223	0.243	0.170	0.084	0.004
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-0.611	-0.579	-0.363	-0.088	0.161	0.382	0.544	0.555	0.399	0.268	0.261	0.196	0.063	-0.107	-0.230	-0.210
-0.291	-0.359	-0.191	0.049	0.278	0.482	0.623	0.616	0.497	0.423	0.419	0.384	0.227	0.012	-0.049	0.006
0.320	0.220	0.172	0.137	0.117	0.100	0.079	0.061	0.098	0.155	0.158	0.188	0.164	0.119	0.181	0.216
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
0.770	0.234	0.415	0.484	0.447	0.333	0.157	-0.017	-0.055	-0.072	-0.030	0.027	0.027	-0.127	-0.291	-0.352
0.576	0.344	0.485	0.605	0.619	0.559	0.433	0.276	0.184	0.061	0.011	0.033	0.023	-0.105	-0.183	-0.188
-0.194	0.110	0.070	0.121	0.172	0.226	0.276	0.293	0.239	0.133	0.041	0.006	-0.004	0.022	0.108	0.164
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-0.439	-0.267	0.068	0.343	0.508	0.531	0.384	0.138	0.008	-0.009	0.023	-0.011	-0.106	-0.210	-0.233	-0.229
-0.947	-0.453	0.088	0.388	0.592	0.710	0.713	0.611	0.434	0.079	0.052	0.027	-0.040	-0.108	-0.118	-0.106
-0.508	-0.186	0.020	0.045	0.084	0.179	0.329	0.473	0.426	0.088	0.029	0.038	0.066	0.102	0.115	0.123
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
0.152	-0.627	-0.390	-0.227	-0.156	-0.139	-0.158	-0.189	-0.207	-0.260	-0.326	-0.409	-0.465	-0.464	-0.394	-0.368
-0.291	-0.434	-0.073	0.062	0.068	0.014	-0.094	-0.237	-0.397	-0.517	-0.443	-0.397	-0.398	-0.436	-0.428	-0.415
-0.443	0.193	0.317	0.289	0.224	0.153	0.064	-0.048	-0.190	-0.257	-0.117	0.012	0.067	0.028	-0.034	-0.047
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-4.977	-2.635	0.853	1.210	1.147	1.013	0.774	0.614	0.652	0.756	1.036	1.367	1.395	1.441	1.723	1.748
-949.298	-4.658	0.215	0.538	0.662	0.768	0.705	0.451	0.365	0.548	0.981	1.464	1.593	1.657	1.902	1.804
-944.321	-2.023	-0.638	-0.672	-0.485	-0.245	-0.069	-0.163	-0.287	-0.208	-0.055	0.097	0.198	0.216	0.179	0.056
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-4.958	-0.374	1.548	0.830	0.033	-0.719	-1.082	-0.723	-0.382	-0.579	-1.057	-1.285	-1.409	-1.529	-0.718	0.413
-940.485	-1.454	0.768	0.210	-0.179	-0.335	-0.229	-0.247	-0.750	-1.422	-1.635	-0.991	-0.896	-1.306	-0.856	-0.028
-935.527	-1.080	-0.780	-0.620	-0.212	0.384	0.853	0.476	-0.368	-0.843	-0.578	0.294	0.513	0.223	-0.138	-0.441
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-1.680	-0.696	1.119	0.975	0.446	-0.077	-0.588	-0.726	-0.367	-0.225	-0.594	-2.087	-3.786	-2.572	-0.659	0.472
-929.409	-3.477	-0.525	-0.225	0.048	0.251	0.435	0.589	0.650	0.476	-0.311	-2.127	-3.737	-2.623	-0.575	0.705
-927.729	-2.781	-1.644	-1.200	-0.398	0.328	1.023	1.315	1.017	0.701	0.283	-0.040	0.049	-0.051	0.084	0.233
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-5.303	-0.178	-0.213	0.648	0.686	0.398	0.025	-0.157	-0.217	-0.661	-1.521	-2.359	-1.874	-0.111	0.869	0.673
-945.870	-2.553	-0.699	0.096	0.304	0.321	0.258	0.092	-0.390	-1.215	-2.105	-2.591	-1.919	-0.400	0.660	0.494
-940.567	-2.375	-0.486	-0.552	-0.382	-0.077	0.233	0.249	-0.173	-0.554	-0.584	-0.232	-0.045	-0.289	-0.209	-0.179

FAILED

Verification Master Graphs



Verification Master Summary Data

85.00	80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency	FR - Smoothed DUTL Left - Pre-VM
92.66	92.48	92.24	92.01	91.83	91.55	90.98	89.95	88.06	84.75		FR - Smoothed DUTL Left - Post-VM
92.91	92.82	92.65	92.45	92.24	91.92	91.31	90.30	88.54	85.12		FR - Smoothed DUTL Left - (Post - Pre (VM))
0.25	0.34	0.42	0.44	0.41	0.36	0.33	0.35	0.48	0.37		FR - Smoothed DUTL Left - (Post - Pre (VM))
85.00	80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency	FR - Smoothed DUTL Right - Pre-VM
95.42	95.23	94.83	94.25	93.58	92.84	92.01	90.91	89.16	85.96		FR - Smoothed DUTL Right - Post-VM
95.82	95.67	95.31	94.76	94.07	93.29	92.41	91.31	89.73	86.62		FR - Smoothed DUTL Right - (Post - Pre (VM))
0.40	0.44	0.48	0.51	0.49	0.45	0.41	0.41	0.56	0.66		FR - Smoothed DUTL Right - (Post - Pre (VM))
85.00	80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency	FR - Smoothed DUTL Mic1 - Pre-VM
71.26	71.49	72.62	74.80	77.26	79.32	80.68	81.33	81.52	81.50		FR - Smoothed DUTL Mic1 - Post-VM
71.13	71.39	72.60	74.73	77.06	79.04	80.43	81.20	81.47	81.56		FR - Smoothed DUTL Mic1 - (Post - Pre (VM))
-0.13	-0.09	-0.02	-0.06	-0.19	-0.28	-0.25	-0.13	-0.05	0.06		FR - Smoothed DUTL Mic1 - (Post - Pre (VM))
85.00	80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency	FR - Smoothed DUTL Mic2 - Pre-VM
71.73	71.88	72.96	75.08	77.50	79.55	80.91	81.56	81.75	81.71		FR - Smoothed DUTL Mic2 - Post-VM
71.61	71.78	72.87	74.94	77.27	79.25	80.65	81.41	81.68	81.76		FR - Smoothed DUTL Mic2 - (Post - Pre (VM))
-0.12	-0.10	-0.09	-0.14	-0.23	-0.30	-0.26	-0.14	-0.06	0.05		FR - Smoothed DUTL Mic2 - (Post - Pre (VM))
85.00	80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency	FR - Smoothed DUTL Mic3 - Pre-VM
71.44	71.47	72.47	74.75	77.35	79.52	80.95	81.65	81.86	81.86		FR - Smoothed DUTL Mic3 - Post-VM
71.31	71.36	72.37	74.58	77.08	79.18	80.66	81.49	81.78	81.89		FR - Smoothed DUTL Mic3 - (Post - Pre (VM))
-0.12	-0.11	-0.10	-0.17	-0.28	-0.33	-0.29	-0.16	-0.08	0.03		FR - Smoothed DUTL Mic3 - (Post - Pre (VM))
85.00	80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency	FR - Smoothed DUTL Mic4 - Pre-VM
71.65	71.59	72.49	74.69	77.27	79.42	80.84	81.52	81.72	81.70		FR - Smoothed DUTL Mic4 - Post-VM
71.53	71.49	72.39	74.53	77.00	79.10	80.56	81.37	81.66	81.75		FR - Smoothed DUTL Mic4 - (Post - Pre (VM))
-0.12	-0.11	-0.10	-0.16	-0.26	-0.32	-0.28	-0.15	-0.07	0.05		FR - Smoothed DUTL Mic4 - (Post - Pre (VM))
85.00	80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency	FR - Smoothed Self DUTL Mic1 - Pre-VM
83.73	83.35	82.60	81.44	79.93	78.38	77.10	75.96	74.49	71.68		FR - Smoothed Self DUTL Mic1 - Post-VM
83.79	83.39	82.60	81.38	79.81	78.23	77.00	75.97	74.71	72.31		FR - Smoothed Self DUTL Mic1 - (Post - Pre (VM))
0.06	0.05	0.00	-0.06	-0.12	-0.15	-0.10	0.01	0.22	0.64		FR - Smoothed Self DUTL Mic1 - (Post - Pre (VM))
85.00	80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency	FR - Smoothed Self DUTL Mic2 - Pre-VM
81.77	81.34	80.55	79.39	77.98	76.65	75.61	74.57	73.02	69.91		FR - Smoothed Self DUTL Mic2 - Post-VM
81.86	81.40	80.55	79.30	77.82	76.50	75.56	74.66	73.35	70.62		FR - Smoothed Self DUTL Mic2 - (Post - Pre (VM))
0.10	0.06	-0.01	-0.09	-0.16	-0.15	-0.05	0.09	0.33	0.71		FR - Smoothed Self DUTL Mic2 - (Post - Pre (VM))
85.00	80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency	FR - Smoothed Self DUTL Mic3 - Pre-VM
84.22	83.85	83.14	82.00	80.50	78.92	77.60	76.43	74.95	72.18		FR - Smoothed Self DUTL Mic3 - Post-VM
84.25	83.87	83.12	81.93	80.38	78.78	77.50	76.42	75.15	72.78		FR - Smoothed Self DUTL Mic3 - (Post - Pre (VM))
0.03	0.02	-0.02	-0.07	-0.12	-0.14	-0.10	-0.01	0.20	0.60		FR - Smoothed Self DUTL Mic3 - (Post - Pre (VM))
85.00	80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency	FR - Smoothed Self DUTL Mic4 - Pre-VM
82.31	81.92	81.19	80.07	78.65	77.26	76.15	75.09	73.58	70.61		FR - Smoothed Self DUTL Mic4 - Post-VM
82.39	81.97	81.19	79.99	78.52	77.13	76.11	75.17	73.90	71.32		FR - Smoothed Self DUTL Mic4 - (Post - Pre (VM))
0.08	0.05	-0.01	-0.08	-0.13	-0.13	-0.05	0.09	0.32	0.71		FR - Smoothed Self DUTL Mic4 - (Post - Pre (VM))

375.00	355.00	335.00	315.00	300.00	280.00	265.00	250.00	236.00	224.00	212.00	200.00	190.00	180.00	170.00	160.00	150.00	140.00	132.00	125.00	118.00	112.00	106.00	100.00	95.00	90.00
92.98	92.54	92.22	92.00	91.78	91.48	91.05	90.51	89.86	89.20	88.66	88.28	87.99	87.66	87.36	87.32	87.80	88.83	90.02	90.94	91.51	91.85	92.06	92.28	92.54	92.69
92.81	92.35	92.03	91.80	91.58	91.27	90.83	90.27	89.59	88.91	88.37	87.95	87.56	87.17	86.99	87.27	88.02	89.03	89.96	90.66	91.22	91.67	92.06	92.44	92.75	92.90
-0.17	-0.19	-0.19	-0.20	-0.20	-0.21	-0.22	-0.24	-0.27	-0.29	-0.29	-0.33	-0.43	-0.49	-0.37	-0.05	0.21	0.20	-0.07	-0.29	-0.29	-0.18	0.00	0.16	0.21	0.21
375.00	355.00	335.00	315.00	300.00	280.00	265.00	250.00	236.00	224.00	212.00	200.00	190.00	180.00	170.00	160.00	150.00	140.00	132.00	125.00	118.00	112.00	106.00	100.00	95.00	90.00
90.93	90.28	89.85	89.69	89.68	89.66	89.59	89.46	89.31	89.30	89.50	89.82	90.11	90.35	90.67	91.15	91.81	92.64	93.46	94.10	94.52	94.77	94.92	95.08	95.29	95.43
91.10	90.44	89.98	89.81	89.79	89.78	89.73	89.64	89.54	89.55	89.72	89.91	90.11	90.39	90.89	91.55	92.33	93.09	93.72	94.22	94.63	94.96	95.23	95.48	95.70	95.82
0.16	0.15	0.13	0.12	0.11	0.12	0.14	0.19	0.23	0.25	0.21	0.09	-0.00	0.05	0.22	0.41	0.52	0.46	0.26	0.12	0.11	0.19	0.31	0.40	0.41	0.39
375.00	355.00	335.00	315.00	300.00	280.00	265.00	250.00	236.00	224.00	212.00	200.00	190.00	180.00	170.00	160.00	150.00	140.00	132.00	125.00	118.00	112.00	106.00	100.00	95.00	90.00
73.41	73.50	73.32	73.00	72.58	72.08	71.46	70.72	69.90	69.08	68.44	68.09	68.10	68.39	68.77	69.12	69.40	69.68	70.11	70.64	71.00	71.06	70.97	70.99	71.15	71.25
73.37	73.48	73.33	73.02	72.61	72.11	71.48	70.71	69.82	68.98	68.40	68.11	68.10	68.33	68.71	69.09	69.38	69.65	70.04	70.51	70.88	71.02	70.99	70.99	71.06	71.13
-0.03	-0.01	0.01	0.02	0.03	0.03	0.03	-0.01	-0.07	-0.10	-0.04	0.03	-0.00	-0.06	-0.06	-0.03	-0.02	-0.03	-0.07	-0.13	-0.12	-0.04	0.03	-0.00	-0.08	-0.12
375.00	355.00	335.00	315.00	300.00	280.00	265.00	250.00	236.00	224.00	212.00	200.00	190.00	180.00	170.00	160.00	150.00	140.00	132.00	125.00	118.00	112.00	106.00	100.00	95.00	90.00
73.56	73.65	73.49	73.18	72.76	72.23	71.58	70.79	69.93	69.11	68.50	68.20	68.29	68.68	69.15	69.54	69.86	70.18	70.65	71.20	71.57	71.66	71.61	71.66	71.77	71.80
73.53	73.65	73.52	73.23	72.81	72.28	71.61	70.78	69.87	69.04	68.48	68.22	68.28	68.65	69.12	69.54	69.85	70.16	70.59	71.09	71.47	71.63	71.63	71.64	71.68	71.67
-0.02	0.00	0.03	0.05	0.06	0.05	0.03	-0.01	-0.06	-0.07	-0.02	0.01	-0.02	-0.04	-0.02	-0.00	-0.01	-0.02	-0.06	-0.11	-0.10	-0.03	0.02	-0.02	-0.09	-0.12
375.00	355.00	335.00	315.00	300.00	280.00	265.00	250.00	236.00	224.00	212.00	200.00	190.00	180.00	170.00	160.00	150.00	140.00	132.00	125.00	118.00	112.00	106.00	100.00	95.00	90.00
73.58	73.77	73.66	73.41	73.06	72.64	72.11	71.48	70.75	70.01	69.42	69.13	69.22	69.59	70.02	70.41	70.70	70.93	71.21	71.53	71.71	71.61	71.38	71.29	71.40	71.50
73.53	73.74	73.66	73.42	73.08	72.66	72.13	71.46	70.68	69.92	69.37	69.13	69.20	69.52	69.96	70.37	70.68	70.89	71.12	71.38	71.56	71.53	71.35	71.25	71.31	71.38
-0.05	-0.03	-0.01	0.01	0.02	0.02	0.02	-0.02	-0.07	-0.10	-0.05	-0.00	-0.03	-0.07	-0.06	-0.03	-0.02	-0.04	-0.09	-0.15	-0.15	-0.09	-0.03	-0.04	-0.10	-0.12
375.00	355.00	335.00	315.00	300.00	280.00	265.00	250.00	236.00	224.00	212.00	200.00	190.00	180.00	170.00	160.00	150.00	140.00	132.00	125.00	118.00	112.00	106.00	100.00	95.00	90.00
73.52	73.71	73.62	73.37	73.02	72.57	72.00	71.31	70.55	69.80	69.24	69.01	69.19	69.65	70.16	70.60	70.92	71.19	71.51	71.85	72.04	71.97	71.77	71.68	71.76	71.79
73.49	73.70	73.64	73.41	73.06	72.61	72.03	71.31	70.49	69.73	69.22	69.03	69.18	69.61	70.13	70.58	70.91	71.16	71.44	71.72	71.85	71.92	71.77	71.66	71.66	71.67
-0.03	-0.01	0.02	0.04	0.04	0.04	0.03	-0.01	-0.06	-0.07	-0.02	0.02	-0.01	-0.04	-0.03	-0.02	-0.01	-0.03	-0.07	-0.13	-0.12	-0.05	0.00	-0.02	-0.09	-0.12
375.00	355.00	335.00	315.00	300.00	280.00	265.00	250.00	236.00	224.00	212.00	200.00	190.00	180.00	170.00	160.00	150.00	140.00	132.00	125.00	118.00	112.00	106.00	100.00	95.00	90.00
82.74	82.71	82.75	82.79	82.83	82.89	82.92	82.83	82.60	82.31	82.14	82.08	81.96	81.77	81.64	81.69	81.91	82.26	82.72	83.14	83.37	83.42	83.45	83.60	83.78	83.85
82.60	82.60	82.64	82.68	82.72	82.77	82.81	82.76	82.58	82.34	82.17	82.05	81.90	81.73	81.67	81.76	81.96	82.24	82.55	82.80	82.97	83.15	83.40	83.67	83.86	83.92
-0.14	-0.11	-0.10	-0.11	-0.11	-0.12	-0.11	-0.07	-0.02	0.03	0.02	-0.03	-0.07	-0.04	0.03	0.07	0.05	-0.02	-0.17	-0.34	-0.41	-0.28	-0.05	0.07	0.08	0.06
375.00	355.00	335.00	315.00	300.00	280.00	265.00	250.00	236.00	224.00	212.00	200.00	190.00	180.00	170.00	160.00	150.00	140.00	132.00	125.00	118.00	112.00	106.00	100.00	95.00	90.00
81.13	81.13	81.19	81.24	81.30	81.37	81.39	81.22	80.83	80.35	80.03	79.84	79.61	79.28	79.06	79.09	79.34	79.83	80.45	80.94	81.13	81.14	81.24	81.52	81.80	81.91
81.05	81.09	81.16	81.20	81.23	81.27	81.26	81.08	80.68	80.20	79.85	79.63	79.37	79.10	78.98	79.10	79.40	79.81	80.22	80.49	80.68	80.96	81.37	81.75	81.98	82.03
-0.08	-0.05	-0.04	-0.05	-0.07	-0.10	-0.13	-0.14	-0.15	-0.15	-0.17	-0.21	-0.23	-0.19	-0.08	0.01	0.05	-0.01	-0.22	-0.45	-0.45	-0.18	0.14	0.24	0.18	0.12
375.00	355.00	335.00	315.00	300.00	280.00	265.00	250.00	236.00	224.00	212.00	200.00	190.00	180.00	170.00	160.00	150.00	140.00	132.00	125.00	118.00	112.00	106.00	100.00	95.00	90.00
82.55	82.53	82.58	82.63	82.68	82.75	82.80	82.75	82.53	82.26	82.07	81.97	81.85	81.70	81.69	81.93	82.31	82.74	83.20	83.62	83.85	83.91	83.95	84.09	84.26	84.33
82.37	82.35	82.39	82.43	82.48	82.57	82.65	82.64	82.48	82.23	82.02	81.89	81.80	81.77	81.89	82.11	82.37	82.66	82.98	83.25	83.44	83.64	83.89	84.14	84.32	84.36
-0.18	-0.18	-0.19	-0.20	-0.20	-0.18	-0.15	-0.11	-0.06	-0.03	-0.05	-0.09	-0.05	0.07	0.19	0.18	0.06	-0.08	-0.22	-0.37	-0.41	-0.28	-0.06	0.05	0.05	0.03
375.00	355.00	335.00	315.00	300.00	280.00	265.00	250.00	236.00	224.00	212.00	200.00	190.00	180.00	170.00	160.00	150.00	140.00	132.00	125.00	118.00	112.00	106.00	100.00	95.00	90.00
80.75	80.78	80.86	80.93	80.99	81.08	81.12	80.99	80.62	80.16	79.81	79.59	79.34	79.09	79.06	79.36	79.83	80.39	80.99	81.46	81.67	81.70	81.80	82.06	82.33	82.43
80.61	80.64	80.71	80.76	80.82	80.91	80.95	80.81	80.45	79.96	79.57	79.32	79.14	79.06	79.20	79.50	79.88	80.31	80.74	81.03	81.25	81.54	81.93	82.28	82.48	82.53
-0.14	-0.14	-0.15	-0.17	-0.17	-0.16	-0.17	-0.17	-0.17	-0.20	-0.24	-0.27	-0.20	-0.03	0.14	0.15	0.05	-0.08	-0.26	-0.43	-0.42	-0.16	0.13	0.21	0.16	0.10

1500.00	1400.00	1320.00	1250.00	1180.00	1120.00	1060.00	1000.00	950.00	900.00	850.00	800.00	750.00	710.00	670.00	630.00	600.00	560.00	530.00	500.00	475.00	450.00	425.00	400.00
88.06	88.32	88.33	88.36	88.70	89.56	90.49	90.86	90.47	89.28	87.28	85.97	87.29	89.35	90.93	91.91	92.34	92.49	92.65	92.95	93.39	93.69	93.69	93.42
87.96	88.23	88.47	88.72	89.06	89.74	90.43	90.63	90.15	88.91	86.99	86.08	87.70	89.73	91.19	92.08	92.46	92.55	92.65	92.89	93.28	93.56	93.54	93.27
-0.11	-0.09	0.14	0.36	0.36	0.17	-0.06	-0.23	-0.32	-0.36	-0.29	0.11	0.41	0.38	0.27	0.18	0.12	0.06	0.00	-0.05	-0.11	-0.14	-0.15	-0.16
1500.00	1400.00	1320.00	1250.00	1180.00	1120.00	1060.00	1000.00	950.00	900.00	850.00	800.00	750.00	710.00	670.00	630.00	600.00	560.00	530.00	500.00	475.00	450.00	425.00	400.00
92.67	92.06	90.89	89.72	89.52	90.06	90.86	91.44	91.59	91.39	91.03	90.83	91.05	91.53	91.98	92.29	92.41	92.36	92.26	92.22	92.28	92.29	92.06	91.58
92.65	92.06	90.95	89.92	89.78	90.31	91.10	91.69	91.86	91.69	91.33	91.11	91.28	91.71	92.12	92.39	92.50	92.46	92.38	92.36	92.42	92.43	92.21	91.74
-0.02	-0.00	0.07	0.20	0.25	0.24	0.24	0.24	0.27	0.30	0.30	0.27	0.23	0.18	0.13	0.10	0.09	0.11	0.13	0.14	0.14	0.14	0.15	0.16
1500.00	1400.00	1320.00	1250.00	1180.00	1120.00	1060.00	1000.00	950.00	900.00	850.00	800.00	750.00	710.00	670.00	630.00	600.00	560.00	530.00	500.00	475.00	450.00	425.00	400.00
77.61	77.69	78.13	78.01	77.02	75.17	72.84	71.05	71.08	72.57	74.46	76.20	77.41	77.97	77.90	77.19	75.70	73.18	69.58	66.84	67.90	70.10	71.82	72.89
77.58	77.76	78.27	78.18	77.21	75.33	72.94	71.05	71.04	72.53	74.39	76.11	77.31	77.88	77.81	77.10	75.61	73.08	69.49	66.76	67.80	70.02	71.75	72.84
-0.03	0.06	0.14	0.18	0.19	0.16	0.10	0.00	-0.05	-0.04	-0.07	-0.09	-0.10	-0.09	-0.09	-0.09	-0.09	-0.10	-0.09	-0.08	-0.10	-0.08	-0.06	-0.05
1500.00	1400.00	1320.00	1250.00	1180.00	1120.00	1060.00	1000.00	950.00	900.00	850.00	800.00	750.00	710.00	670.00	630.00	600.00	560.00	530.00	500.00	475.00	450.00	425.00	400.00
77.15	76.72	76.50	75.76	74.28	72.22	71.00	72.08	73.95	75.40	76.52	77.57	78.36	78.64	78.34	77.43	75.83	73.32	69.95	67.67	68.66	70.58	72.10	73.07
77.12	76.81	76.69	76.02	74.57	72.44	71.02	72.01	73.92	75.40	76.50	77.50	78.27	78.57	78.27	77.37	75.77	73.26	69.90	67.61	68.57	70.50	72.04	73.03
-0.03	0.09	0.20	0.27	0.29	0.22	0.02	-0.08	-0.03	0.00	-0.02	-0.06	-0.08	-0.08	-0.07	-0.07	-0.07	-0.06	-0.05	-0.06	-0.09	-0.08	-0.06	-0.04
1500.00	1400.00	1320.00	1250.00	1180.00	1120.00	1060.00	1000.00	950.00	900.00	850.00	800.00	750.00	710.00	670.00	630.00	600.00	560.00	530.00	500.00	475.00	450.00	425.00	400.00
78.41	78.49	78.97	78.77	77.61	75.60	73.40	72.03	71.64	72.19	73.76	75.66	77.10	77.83	77.94	77.46	76.27	74.15	70.94	67.72	67.70	69.86	71.74	72.95
78.39	78.53	79.05	78.88	77.75	75.76	73.53	72.04	71.57	72.11	73.65	75.54	76.98	77.73	77.85	77.37	76.19	74.07	70.87	67.64	67.60	69.76	71.66	72.89
-0.02	0.05	0.08	0.11	0.14	0.16	0.12	0.00	-0.08	-0.08	-0.11	-0.13	-0.12	-0.11	-0.09	-0.08	-0.08	-0.08	-0.07	-0.08	-0.10	-0.10	-0.08	-0.06
1500.00	1400.00	1320.00	1250.00	1180.00	1120.00	1060.00	1000.00	950.00	900.00	850.00	800.00	750.00	710.00	670.00	630.00	600.00	560.00	530.00	500.00	475.00	450.00	425.00	400.00
77.73	77.15	76.99	76.25	74.62	72.46	71.53	72.59	73.88	74.84	75.82	76.98	77.92	78.34	78.20	77.53	76.27	74.18	71.17	68.32	68.29	70.12	71.81	72.92
77.72	77.21	77.11	76.44	74.86	72.69	71.53	72.44	73.77	74.79	75.77	76.89	77.83	78.26	78.13	77.47	76.21	74.13	71.13	68.27	68.20	70.03	71.74	72.87
-0.01	0.06	0.12	0.19	0.24	0.22	-0.01	-0.15	-0.11	-0.05	-0.05	-0.09	-0.10	-0.09	-0.07	-0.06	-0.06	-0.05	-0.04	-0.06	-0.09	-0.09	-0.07	-0.05
1500.00	1400.00	1320.00	1250.00	1180.00	1120.00	1060.00	1000.00	950.00	900.00	850.00	800.00	750.00	710.00	670.00	630.00	600.00	560.00	530.00	500.00	475.00	450.00	425.00	400.00
71.56	72.17	73.87	75.20	76.16	77.17	78.03	78.25	77.62	76.49	75.60	75.40	75.65	76.10	76.55	76.96	77.76	79.26	80.94	82.22	82.93	83.17	83.09	82.89
71.40	71.96	73.70	75.11	76.10	77.07	77.89	78.10	77.50	76.40	75.52	75.28	75.48	75.95	76.47	76.96	77.80	79.26	80.85	82.05	82.73	82.96	82.90	82.73
-0.16	-0.21	-0.17	-0.09	-0.06	-0.10	-0.14	-0.14	-0.12	-0.09	-0.08	-0.12	-0.17	-0.15	-0.08	0.00	0.04	-0.00	-0.09	-0.17	-0.21	-0.21	-0.19	-0.16
1500.00	1400.00	1320.00	1250.00	1180.00	1120.00	1060.00	1000.00	950.00	900.00	850.00	800.00	750.00	710.00	670.00	630.00	600.00	560.00	530.00	500.00	475.00	450.00	425.00	400.00
69.84	72.24	74.25	75.17	75.39	75.55	75.80	75.68	75.05	74.29	73.80	73.60	73.57	73.84	74.51	75.56	77.09	78.88	80.41	81.40	81.82	81.81	81.56	81.28
69.66	72.08	74.15	75.13	75.36	75.47	75.66	75.53	74.94	74.25	73.83	73.63	73.56	73.78	74.43	75.49	77.01	78.76	80.23	81.17	81.59	81.61	81.40	81.17
-0.18	-0.17	-0.10	-0.05	-0.03	-0.08	-0.14	-0.15	-0.11	-0.03	0.02	0.03	-0.01	-0.06	-0.08	-0.07	-0.08	-0.12	-0.18	-0.22	-0.22	-0.20	-0.16	-0.12
1500.00	1400.00	1320.00	1250.00	1180.00	1120.00	1060.00	1000.00	950.00	900.00	850.00	800.00	750.00	710.00	670.00	630.00	600.00	560.00	530.00	500.00	475.00	450.00	425.00	400.00
73.30	72.89	73.39	74.51	75.72	76.97	77.99	78.33	77.79	76.68	75.81	75.82	76.47	77.24	77.81	78.11	78.56	79.69	81.16	82.36	83.02	83.17	83.01	82.73
73.24	72.80	73.24	74.38	75.61	76.85	77.84	78.16	77.65	76.58	75.72	75.63	76.21	77.02	77.70	78.12	78.66	79.77	81.13	82.22	82.81	82.95	82.79	82.54
-0.06	-0.09	-0.15	-0.13	-0.10	-0.12	-0.15	-0.16	-0.15	-0.10	-0.09	-0.19	-0.26	-0.22	-0.11	0.02	0.10	0.08	-0.03	-0.14	-0.20	-0.22	-0.21	-0.19
1500.00	1400.00	1320.00	1250.00	1180.00	1120.00	1060.00	1000.00	950.00	900.00	850.00	800.00	750.00	710.00	670.00	630.00	600.00	560.00	530.00	500.00	475.00	450.00	425.00	400.00
69.67	70.24	72.36	74.02	74.91	75.48	75.93	75.97	75.41	74.60	74.16	74.31	74.75	75.29	75.86	76.51	77.54	79.00	80.41	81.35	81.73	81.65	81.30	80.93
69.64	70.04	72.18	73.92	74.86	75.39	75.77	75.77	75.25	74.53	74.13	74.22	74.63	75.19	75.82	76.53	77.57	78.96	80.27	81.14	81.49	81.42	81.10	80.76
-0.03	-0.19	-0.18	-0.09	-0.05	-0.08	-0.16	-0.20	-0.17	-0.08	-0.03	-0.08	-0.13	-0.11	-0.04	0.02	0.03	-0.04	-0.14	-0.22	-0.24	-0.23	-0.20	-0.17

5300.00	5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3500.00	3350.00	3150.00	3000.00	2800.00	2650.00	2500.00	2360.00	2240.00	2120.00	2000.00	1900.00	1800.00	1700.00	1600.00
85.71	85.10	84.52	83.64	81.43	78.77	77.31	76.16	74.80	73.19	70.91	69.25	68.61	71.12	77.38	82.11	84.43	85.38	85.80	85.97	86.55	87.45
86.37	85.69	84.78	83.50	80.93	78.19	77.06	75.91	74.08	72.30	70.43	69.72	69.27	72.06	78.63	82.70	84.59	85.41	85.79	86.00	86.63	87.44
0.67	0.59	0.26	-0.14	-0.50	-0.57	-0.25	-0.24	-0.71	-0.89	-0.47	0.47	0.66	0.94	1.25	0.59	0.16	0.04	-0.02	0.03	0.08	-0.01
5300.00	5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3500.00	3350.00	3150.00	3000.00	2800.00	2650.00	2500.00	2360.00	2240.00	2120.00	2000.00	1900.00	1800.00	1700.00	1600.00
86.58	86.71	86.68	86.10	85.34	84.27	83.12	82.84	82.97	82.66	82.44	82.65	82.89	83.47	84.90	87.00	88.71	89.65	90.37	91.17	92.04	92.67
86.87	87.00	86.97	86.41	85.62	84.59	83.60	83.33	83.42	83.09	82.75	82.84	82.84	83.19	84.72	87.02	88.84	89.81	90.51	91.24	92.04	92.64
0.29	0.30	0.29	0.31	0.28	0.32	0.48	0.49	0.45	0.43	0.32	0.19	-0.05	-0.29	-0.18	0.03	0.13	0.17	0.14	0.06	-0.00	-0.03
5300.00	5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3500.00	3350.00	3150.00	3000.00	2800.00	2650.00	2500.00	2360.00	2240.00	2120.00	2000.00	1900.00	1800.00	1700.00	1600.00
83.02	82.34	80.54	78.65	78.72	80.74	82.72	83.89	84.14	83.76	83.07	81.96	80.52	80.78	83.03	84.78	85.49	85.44	84.88	83.70	81.65	79.15
82.96	82.33	80.49	78.38	78.37	80.61	82.72	83.93	84.19	83.80	83.08	81.97	80.50	80.67	82.88	84.61	85.26	85.11	84.48	83.30	81.33	78.97
-0.06	-0.01	-0.05	-0.27	-0.34	-0.13	0.00	0.04	0.05	0.04	0.02	0.01	-0.02	-0.11	-0.15	-0.17	-0.23	-0.33	-0.40	-0.40	-0.32	-0.18
5300.00	5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3500.00	3350.00	3150.00	3000.00	2800.00	2650.00	2500.00	2360.00	2240.00	2120.00	2000.00	1900.00	1800.00	1700.00	1600.00
81.00	79.56	79.29	80.44	81.80	82.71	82.85	82.20	81.17	80.70	80.86	80.88	81.17	82.80	84.80	85.95	86.11	85.55	84.61	83.28	81.28	78.86
81.03	79.53	79.15	80.22	81.64	82.69	82.96	82.37	81.29	80.68	80.79	80.80	81.05	82.66	84.65	85.76	85.87	85.24	84.27	82.95	81.01	78.68
0.03	-0.03	-0.15	-0.22	-0.17	-0.03	0.11	0.17	0.12	-0.02	-0.07	-0.08	-0.12	-0.14	-0.15	-0.19	-0.24	-0.31	-0.34	-0.33	-0.27	-0.17
5300.00	5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3500.00	3350.00	3150.00	3000.00	2800.00	2650.00	2500.00	2360.00	2240.00	2120.00	2000.00	1900.00	1800.00	1700.00	1600.00
84.30	83.86	82.18	80.03	79.11	80.06	81.67	82.99	83.69	83.56	82.53	80.78	79.20	79.64	81.53	83.05	83.87	84.18	84.04	83.33	81.85	79.83
84.26	83.90	82.26	80.05	79.06	80.03	81.63	82.94	83.65	83.54	82.50	80.73	79.03	79.32	81.25	82.84	83.65	83.85	83.60	82.86	81.48	79.63
-0.04	0.04	0.08	0.02	-0.05	-0.03	-0.04	-0.05	-0.04	-0.03	-0.03	-0.05	-0.17	-0.31	-0.28	-0.21	-0.22	-0.33	-0.45	-0.47	-0.38	-0.20
5300.00	5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3500.00	3350.00	3150.00	3000.00	2800.00	2650.00	2500.00	2360.00	2240.00	2120.00	2000.00	1900.00	1800.00	1700.00	1600.00
82.58	81.29	80.42	80.85	81.94	82.70	82.73	82.09	81.03	79.83	79.00	79.66	81.50	83.20	84.27	84.65	84.51	84.11	83.59	82.80	81.42	79.44
82.61	81.38	80.44	80.74	81.82	82.68	82.80	82.19	81.11	79.85	78.94	79.51	81.28	82.96	84.06	84.49	84.33	83.81	83.17	82.38	81.10	79.29
0.04	0.08	0.02	-0.11	-0.11	-0.03	0.06	0.10	0.08	0.02	-0.06	-0.15	-0.22	-0.24	-0.21	-0.16	-0.19	-0.30	-0.42	-0.42	-0.31	-0.16
5300.00	5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3500.00	3350.00	3150.00	3000.00	2800.00	2650.00	2500.00	2360.00	2240.00	2120.00	2000.00	1900.00	1800.00	1700.00	1600.00
76.99	76.51	75.85	74.76	73.16	71.23	68.82	65.80	63.37	62.75	62.50	62.06	62.52	65.11	68.69	71.69	73.86	75.03	75.22	74.72	73.73	72.47
76.69	76.33	75.78	74.75	73.16	71.18	68.65	65.51	62.92	61.91	61.25	60.79	62.02	65.20	68.78	71.69	73.81	74.97	75.15	74.64	73.61	72.33
-0.30	-0.18	-0.08	-0.01	0.00	-0.06	-0.16	-0.29	-0.45	-0.84	-1.25	-1.27	-0.50	0.10	0.09	-0.00	-0.05	-0.06	-0.06	-0.08	-0.12	-0.14
5300.00	5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3500.00	3350.00	3150.00	3000.00	2800.00	2650.00	2500.00	2360.00	2240.00	2120.00	2000.00	1900.00	1800.00	1700.00	1600.00
74.06	73.24	72.26	71.14	69.13	65.80	63.02	61.92	61.42	63.23	65.50	66.66	66.83	66.76	68.32	70.99	73.36	74.70	74.75	73.59	71.45	69.44
74.11	73.20	72.06	70.79	68.64	64.95	61.53	60.33	59.73	61.80	64.45	65.89	66.36	66.68	68.42	70.98	73.24	74.58	74.65	73.53	71.40	69.32
0.05	-0.04	-0.20	-0.35	-0.49	-0.86	-1.48	-1.59	-1.69	-1.43	-1.05	-0.77	-0.47	-0.08	0.11	-0.01	-0.11	-0.13	-0.10	-0.06	-0.05	-0.11
5300.00	5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3500.00	3350.00	3150.00	3000.00	2800.00	2650.00	2500.00	2360.00	2240.00	2120.00	2000.00	1900.00	1800.00	1700.00	1600.00
71.03	71.23	71.61	71.52	70.26	67.68	65.77	66.94	68.25	68.14	66.60	64.56	64.60	66.60	69.35	72.03	73.97	74.77	74.52	73.90	73.65	73.64
70.60	71.01	71.47	71.39	70.17	67.72	65.95	66.93	68.04	67.83	66.20	64.14	64.35	66.47	69.31	72.05	74.02	74.81	74.50	73.80	73.50	73.53
-0.42	-0.22	-0.14	-0.12	-0.09	0.04	0.18	-0.01	-0.20	-0.31	-0.41	-0.41	-0.25	-0.12	-0.04	0.02	0.05	0.04	-0.01	-0.10	-0.15	-0.11
5300.00	5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3500.00	3350.00	3150.00	3000.00	2800.00	2650.00	2500.00	2360.00	2240.00	2120.00	2000.00	1900.00	1800.00	1700.00	1600.00
68.21	69.32	70.14	70.43	69.83	68.24	66.67	65.74	65.06	65.58	66.69	67.20	67.09	67.15	68.75	71.07	72.91	73.75	73.43	72.39	71.32	70.47
68.20	69.28	70.09	70.33	69.61	67.83	66.16	65.47	65.25	65.92	66.86	67.22	67.04	67.14	68.95	71.31	73.00	73.67	73.20	72.17	71.26	70.50
-0.00	-0.04	-0.05	-0.10	-0.22	-0.41	-0.51	-0.28	0.19	0.35	0.17	0.02	-0.05	-0.00	0.20	0.24	0.09	-0.09	-0.23	-0.21	-0.05	0.04

18000.00	17000.00	16000.00	15000.00	14000.00	13200.00	12500.00	11800.00	11200.00	10600.00	10000.00	9500.00	9000.00	8500.00	8000.00	7500.00	7100.00	6700.00	6300.00	6000.00	5600.00
94.00	94.39	93.83	92.57	91.90	91.69	91.58	91.25	90.21	88.98	88.18	87.57	87.06	87.13	87.18	86.78	86.36	86.24	86.25	85.93	85.75
94.01	94.41	93.82	92.40	91.50	91.38	91.35	91.00	90.11	88.84	87.84	87.30	86.86	86.70	86.69	86.70	86.50	86.32	86.33	86.14	86.23
0.00	0.02	-0.01	-0.17	-0.39	-0.31	-0.23	-0.25	-0.09	-0.14	-0.34	-0.27	-0.19	-0.43	-0.49	-0.08	0.14	0.08	0.08	0.20	0.48
18000.00	17000.00	16000.00	15000.00	14000.00	13200.00	12500.00	11800.00	11200.00	10600.00	10000.00	9500.00	9000.00	8500.00	8000.00	7500.00	7100.00	6700.00	6300.00	6000.00	5600.00
94.75	95.05	94.50	93.22	92.26	91.82	91.70	91.33	90.28	89.30	88.39	87.72	87.58	87.62	87.41	87.22	87.06	87.06	87.18	87.15	86.91
95.21	95.48	94.81	93.49	92.54	92.04	92.01	91.58	90.51	89.60	88.65	87.91	87.77	87.74	87.39	87.14	87.00	87.07	87.28	87.30	87.10
0.45	0.44	0.31	0.27	0.28	0.22	0.31	0.25	0.23	0.31	0.27	0.19	0.19	0.12	-0.02	-0.08	-0.06	0.01	0.10	0.15	0.19
18000.00	17000.00	16000.00	15000.00	14000.00	13200.00	12500.00	11800.00	11200.00	10600.00	10000.00	9500.00	9000.00	8500.00	8000.00	7500.00	7100.00	6700.00	6300.00	6000.00	5600.00
97.31	96.47	94.44	91.83	89.60	87.60	85.82	83.97	82.40	81.51	80.92	80.19	80.06	80.05	80.19	80.97	81.71	81.35	80.29	80.78	82.34
97.26	96.40	94.40	91.99	89.84	87.86	86.00	84.11	82.75	82.12	81.51	80.53	80.19	80.12	80.13	80.76	81.52	81.27	80.23	80.65	82.22
-0.05	-0.08	-0.03	0.16	0.24	0.26	0.18	0.14	0.35	0.61	0.59	0.34	0.13	0.07	-0.07	-0.21	-0.19	-0.09	-0.06	-0.12	-0.12
18000.00	17000.00	16000.00	15000.00	14000.00	13200.00	12500.00	11800.00	11200.00	10600.00	10000.00	9500.00	9000.00	8500.00	8000.00	7500.00	7100.00	6700.00	6300.00	6000.00	5600.00
97.34	96.96	95.38	93.10	90.92	88.90	87.08	84.83	83.02	82.04	81.88	81.41	80.28	80.12	80.83	80.56	79.69	80.36	81.91	82.64	82.25
97.34	97.04	95.41	93.00	90.84	89.05	87.33	85.13	83.38	82.47	82.17	81.62	80.51	80.21	80.80	80.52	79.62	80.25	81.83	82.62	82.27
0.01	0.08	0.03	-0.10	-0.08	0.14	0.25	0.30	0.36	0.43	0.29	0.21	0.23	0.09	-0.04	-0.04	-0.07	-0.12	-0.08	-0.02	0.02
18000.00	17000.00	16000.00	15000.00	14000.00	13200.00	12500.00	11800.00	11200.00	10600.00	10000.00	9500.00	9000.00	8500.00	8000.00	7500.00	7100.00	6700.00	6300.00	6000.00	5600.00
97.66	97.16	95.72	93.47	90.04	86.13	84.60	83.46	82.11	80.64	80.39	81.28	82.14	82.02	81.11	80.75	81.13	80.96	80.63	81.74	83.45
97.23	96.63	95.22	93.10	89.76	85.95	84.55	83.49	82.10	80.54	80.18	80.98	81.80	81.72	80.89	80.63	81.04	80.90	80.54	81.58	83.33
-0.43	-0.53	-0.50	-0.37	-0.28	-0.17	-0.05	0.03	-0.01	-0.10	-0.21	-0.29	-0.34	-0.31	-0.22	-0.12	-0.08	-0.06	-0.09	-0.15	-0.12
18000.00	17000.00	16000.00	15000.00	14000.00	13200.00	12500.00	11800.00	11200.00	10600.00	10000.00	9500.00	9000.00	8500.00	8000.00	7500.00	7100.00	6700.00	6300.00	6000.00	5600.00
97.36	97.27	95.92	93.62	90.77	87.80	86.01	85.00	83.85	82.34	81.71	81.54	81.16	81.44	81.91	81.26	79.80	80.16	82.09	83.30	83.38
97.06	97.04	95.78	93.54	90.83	88.17	86.44	85.28	83.86	82.22	81.60	81.49	81.03	81.24	81.83	81.34	79.95	80.22	82.08	83.30	83.38
-0.30	-0.23	-0.14	-0.08	0.06	0.37	0.43	0.28	0.01	-0.12	-0.11	-0.05	-0.13	-0.19	-0.07	0.08	0.16	0.06	-0.01	-0.01	0.00
18000.00	17000.00	16000.00	15000.00	14000.00	13200.00	12500.00	11800.00	11200.00	10600.00	10000.00	9500.00	9000.00	8500.00	8000.00	7500.00	7100.00	6700.00	6300.00	6000.00	5600.00
85.75	85.96	85.35	85.31	85.74	85.35	83.52	80.42	77.74	76.50	75.74	75.72	76.33	77.17	77.60	77.43	76.83	76.44	76.81	77.24	77.28
85.69	85.97	85.49	85.53	85.90	85.42	83.58	80.56	77.92	76.40	75.51	75.56	76.23	77.07	77.56	77.53	77.02	76.51	76.62	76.90	76.90
-0.07	0.01	0.14	0.23	0.15	0.07	0.06	0.14	0.18	-0.09	-0.23	-0.16	-0.10	-0.10	-0.04	0.10	0.19	0.08	-0.19	-0.35	-0.38
18000.00	17000.00	16000.00	15000.00	14000.00	13200.00	12500.00	11800.00	11200.00	10600.00	10000.00	9500.00	9000.00	8500.00	8000.00	7500.00	7100.00	6700.00	6300.00	6000.00	5600.00
83.29	84.00	83.60	82.95	82.57	81.82	80.08	77.72	75.95	74.93	73.69	72.85	73.62	74.80	75.26	74.90	74.05	73.28	73.13	73.77	74.31
83.75	84.12	83.44	82.77	82.46	81.56	79.53	77.04	75.58	74.74	73.52	72.78	73.72	74.98	75.42	75.03	74.15	73.37	73.19	73.80	74.35
0.46	0.12	-0.16	-0.18	-0.11	-0.26	-0.56	-0.69	-0.36	-0.19	-0.17	-0.07	0.10	0.17	0.17	0.13	0.09	0.08	0.06	0.03	0.04
18000.00	17000.00	16000.00	15000.00	14000.00	13200.00	12500.00	11800.00	11200.00	10600.00	10000.00	9500.00	9000.00	8500.00	8000.00	7500.00	7100.00	6700.00	6300.00	6000.00	5600.00
83.11	83.87	83.39	82.42	81.73	81.02	79.62	77.70	76.08	74.42	72.52	71.22	71.51	72.86	73.42	72.93	71.80	71.54	71.75	71.53	71.23
84.22	84.73	83.88	82.39	81.36	80.60	79.23	77.33	75.61	73.91	72.38	71.70	71.80	72.48	72.65	72.06	71.13	71.10	71.27	70.92	70.62
1.11	0.86	0.49	-0.02	-0.37	-0.42	-0.39	-0.37	-0.47	-0.52	-0.14	0.48	0.29	-0.37	-0.78	-0.87	-0.67	-0.44	-0.48	-0.61	-0.61
18000.00	17000.00	16000.00	15000.00	14000.00	13200.00	12500.00	11800.00	11200.00	10600.00	10000.00	9500.00	9000.00	8500.00	8000.00	7500.00	7100.00	6700.00	6300.00	6000.00	5600.00
80.69	81.59	81.41	80.74	80.33	79.99	78.89	76.87	74.55	72.99	72.26	72.04	72.13	72.05	71.53	70.80	70.68	70.62	69.51	67.71	67.22
81.75	82.35	81.81	80.86	80.27	79.77	78.60	76.59	74.34	72.70	71.81	71.78	72.20	72.30	71.68	70.68	70.36	70.30	69.24	67.60	67.26
1.06	0.75	0.40	0.12	-0.06	-0.22	-0.29	-0.28	-0.21	-0.29	-0.45	-0.26	0.07	0.25	0.15	-0.13	-0.32	-0.33	-0.27	-0.10	0.04

22400.00	21200.00	20000.00	19000.00
65.40	80.73	89.50	92.62
54.90	79.29	89.49	92.66
-10.51	-1.44	-0.01	0.04
22400.00	21200.00	20000.00	19000.00
64.45	83.09	90.53	93.43
55.91	82.56	91.06	93.94
-8.53	-0.53	0.52	0.51
22400.00	21200.00	20000.00	19000.00
89.37	93.79	95.67	97.01
89.36	93.31	95.51	96.93
-0.01	-0.48	-0.16	-0.08
22400.00	21200.00	20000.00	19000.00
89.72	92.44	94.83	96.61
88.52	92.11	94.44	96.43
-1.20	-0.33	-0.39	-0.18
22400.00	21200.00	20000.00	19000.00
88.09	92.96	95.76	97.23
88.49	93.19	95.73	96.97
0.40	0.23	-0.03	-0.26
22400.00	21200.00	20000.00	19000.00
88.52	91.36	94.08	96.25
87.75	91.45	93.88	95.94
-0.77	0.09	-0.20	-0.31
22400.00	21200.00	20000.00	19000.00
58.36	70.61	80.16	83.96
46.99	68.94	79.87	83.83
-11.37	-1.67	-0.29	-0.13
22400.00	21200.00	20000.00	19000.00
50.17	64.57	76.27	80.90
36.62	62.61	77.13	81.66
-13.56	-1.96	0.86	0.76
22400.00	21200.00	20000.00	19000.00
44.67	69.92	76.77	80.75
27.58	68.00	77.81	81.99
-17.09	-1.93	1.04	1.24
22400.00	21200.00	20000.00	19000.00
54.31	65.57	74.63	78.34
42.00	64.88	75.77	79.65
-12.31	-0.69	1.13	1.31