



GS Monthly Verification Report

Product : O1 374

Overall Result :

FAILED

GS SN : NTX2B16CP00374

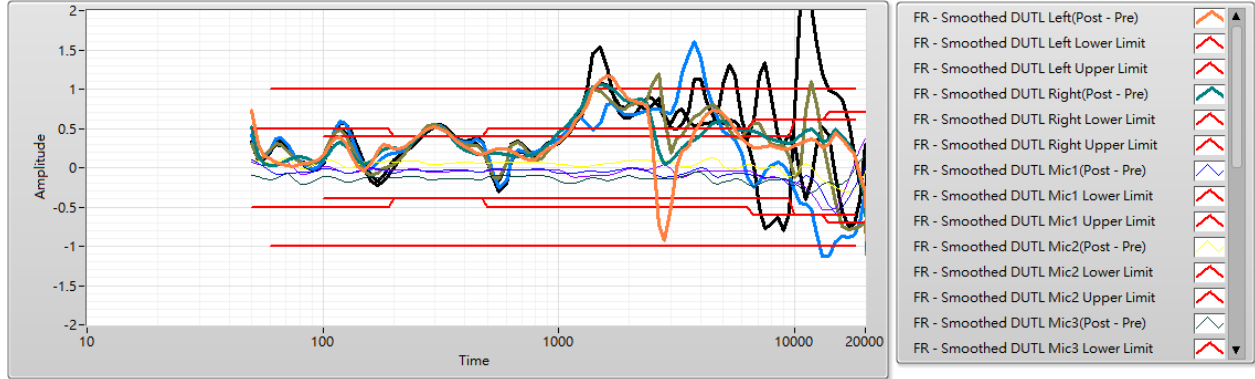
VM SN : NTX3209CP02597

WOW - P

Date : 2024-04-16

FAILED

GS Verification Graphs



GS Verification Summary Data

Frequency		50.000	53.000	56.000	60.000	63.000	67.000	71.000	75.000	80.000
FR - Smoothed DUTL Left (Pre-Delta)		-0.284	-0.379	-0.300	-0.270	-0.232	-0.202	-0.180	-0.165	-0.162
FR - Smoothed DUTL Left (Post-Delta)		0.455	-0.083	-0.152	-0.163	-0.163	-0.162	-0.156	-0.149	-0.124
FR - Smoothed DUTL Left (Post - Pre)		0.739	0.296	0.148	0.107	0.069	0.040	0.024	0.016	0.038
Frequency		50.000	53.000	56.000	60.000	63.000	67.000	71.000	75.000	80.000
FR - Smoothed DUTL Right (Pre-Delta)		-0.392	-0.384	-0.289	-0.245	-0.209	-0.191	-0.187	-0.189	-0.193
FR - Smoothed DUTL Right (Post-Delta)		0.128	-0.223	-0.237	-0.221	-0.181	-0.133	-0.093	-0.069	-0.056
FR - Smoothed DUTL Right (Post - Pre)		0.520	0.161	0.052	0.024	0.028	0.058	0.094	0.120	0.137
Frequency		50.000	53.000	56.000	60.000	63.000	67.000	71.000	75.000	80.000
FR - Smoothed DUTL Mic1 (Pre-Delta)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR - Smoothed DUTL Mic1 (Post-Delta)		0.094	0.057	0.018	-0.043	-0.084	-0.086	-0.070	-0.075	-0.061
FR - Smoothed DUTL Mic1 (Post - Pre)		0.094	0.057	0.018	-0.043	-0.084	-0.086	-0.070	-0.075	-0.061
Frequency		50.000	53.000	56.000	60.000	63.000	67.000	71.000	75.000	80.000
FR - Smoothed DUTL Mic2 (Pre-Delta)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR - Smoothed DUTL Mic2 (Post-Delta)		0.104	0.084	0.068	0.054	0.068	0.112	0.128	0.058	-0.010
FR - Smoothed DUTL Mic2 (Post - Pre)		0.104	0.084	0.068	0.054	0.068	0.112	0.128	0.058	-0.010
Frequency		50.000	53.000	56.000	60.000	63.000	67.000	71.000	75.000	80.000
FR - Smoothed DUTL Mic3 (Pre-Delta)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR - Smoothed DUTL Mic3 (Post-Delta)		-0.100	-0.119	-0.135	-0.150	-0.137	-0.093	-0.071	-0.142	-0.214
FR - Smoothed DUTL Mic3 (Post - Pre)		-0.100	-0.119	-0.135	-0.150	-0.137	-0.093	-0.071	-0.142	-0.214
Frequency		50.000	53.000	56.000	60.000	63.000	67.000	71.000	75.000	80.000
FR - Smoothed DUTL Mic4 (Pre-Delta)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FR - Smoothed DUTL Mic4 (Post-Delta)		0.069	0.046	0.028	0.009	0.019	0.060	0.076	-0.004	-0.080
FR - Smoothed DUTL Mic4 (Post - Pre)		0.069	0.046	0.028	0.009	0.019	0.060	0.076	-0.004	-0.080
Frequency		50.000	53.000	56.000	60.000	63.000	67.000	71.000	75.000	80.000
FR - Smoothed Self DUTL Mic1 (Pre-Delta)		-0.204	-0.144	-0.074	-0.025	0.021	0.050	0.059	0.054	0.044
FR - Smoothed Self DUTL Mic1 (Post-Delta)		0.102	-0.028	0.060	0.201	0.331	0.268	0.178	0.113	0.113
FR - Smoothed Self DUTL Mic1 (Post - Pre)		0.306	0.116	0.134	0.226	0.310	0.294	0.209	0.124	0.069
Frequency		50.000	53.000	56.000	60.000	63.000	67.000	71.000	75.000	80.000
FR - Smoothed Self DUTL Mic2 (Pre-Delta)		-0.378	-0.275	-0.184	-0.125	-0.059	0.005	0.050	0.073	0.084
FR - Smoothed Self DUTL Mic2 (Post-Delta)		0.045	-0.131	-0.052	0.105	0.301	0.389	0.343	0.248	0.167
FR - Smoothed Self DUTL Mic2 (Post - Pre)		0.423	0.144	0.132	0.230	0.360	0.384	0.293	0.175	0.083
Frequency		50.000	53.000	56.000	60.000	63.000	67.000	71.000	75.000	80.000
FR - Smoothed Self DUTL Mic3 (Pre-Delta)		-0.679	-0.526	-0.416	-0.347	-0.288	-0.246	-0.223	-0.213	-0.209
FR - Smoothed Self DUTL Mic3 (Post-Delta)		-0.375	-0.421	-0.297	-0.140	0.003	0.036	-0.015	-0.082	-0.130
FR - Smoothed Self DUTL Mic3 (Post - Pre)		0.304	0.105	0.119	0.207	0.291	0.282	0.208	0.131	0.079
Frequency		50.000	53.000	56.000	60.000	63.000	67.000	71.000	75.000	80.000
FR - Smoothed Self DUTL Mic4 (Pre-Delta)		-0.357	-0.270	-0.190	-0.134	-0.074	-0.023	0.006	0.015	0.015
FR - Smoothed Self DUTL Mic4 (Post-Delta)		-0.021	-0.171	-0.089	0.066	0.250	0.321	0.267	0.169	0.084
FR - Smoothed Self DUTL Mic4 (Post - Pre)		0.336	0.099	0.101	0.200	0.324	0.344	0.261	0.154	0.069

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
-0.561	-0.558	-0.551	-0.545	-0.543	-0.549	-0.569	-0.600	-0.630	-0.575	-0.400	-0.232	-0.191	-0.294	-0.434	-0.504	-0.476	-0.381	-0.270	-0.195	-0.172	-0.169
-0.062	-0.102	-0.157	-0.219	-0.270	-0.307	-0.323	-0.320	-0.339	-0.372	-0.360	-0.281	-0.181	-0.121	-0.113	-0.115	-0.113	-0.120	-0.113	-0.103	-0.106	-0.106
0.499	0.456	0.394	0.326	0.273	0.242	0.246	0.280	0.291	0.203	0.040	-0.049	0.010	0.173	0.321	0.389	0.363	0.261	0.157	0.092	0.066	0.063
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
-0.555	-0.549	-0.546	-0.548	-0.551	-0.556	-0.573	-0.594	-0.600	-0.550	-0.447	-0.357	-0.329	-0.377	-0.457	-0.492	-0.447	-0.347	-0.245	-0.185	-0.178	-0.190
-0.068	-0.117	-0.184	-0.250	-0.300	-0.319	-0.323	-0.340	-0.370	-0.392	-0.380	-0.320	-0.238	-0.186	-0.169	-0.166	-0.163	-0.160	-0.142	-0.111	-0.090	-0.067
0.487	0.432	0.362	0.298	0.251	0.237	0.250	0.254	0.230	0.158	0.067	0.037	0.091	0.191	0.288	0.326	0.284	0.187	0.103	0.074	0.088	0.123
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.040	-0.040	-0.032	-0.023	-0.029	-0.054	-0.066	-0.052	-0.031	-0.013	-0.002	-0.011	-0.041	-0.073	-0.074	-0.048	-0.024	-0.011	-0.010	-0.026	-0.052	-0.055
-0.040	-0.040	-0.032	-0.023	-0.029	-0.054	-0.066	-0.052	-0.031	-0.013	-0.002	-0.011	-0.041	-0.073	-0.074	-0.048	-0.024	-0.011	-0.010	-0.026	-0.052	-0.055
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.048	0.066	0.085	0.090	0.081	0.069	0.072	0.078	0.075	0.077	0.082	0.069	0.032	0.001	0.006	0.043	0.081	0.098	0.094	0.065	0.025	-0.008
0.048	0.066	0.085	0.090	0.081	0.069	0.072	0.078	0.075	0.077	0.082	0.069	0.032	0.001	0.006	0.043	0.081	0.098	0.094	0.065	0.025	-0.008
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.148	-0.132	-0.115	-0.107	-0.116	-0.127	-0.126	-0.122	-0.121	-0.120	-0.117	-0.124	-0.150	-0.178	-0.183	-0.159	-0.126	-0.106	-0.109	-0.137	-0.179	-0.212
-0.148	-0.132	-0.115	-0.107	-0.116	-0.127	-0.126	-0.122	-0.121	-0.120	-0.117	-0.124	-0.150	-0.178	-0.183	-0.159	-0.126	-0.106	-0.109	-0.137	-0.179	-0.212
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.058	-0.039	-0.018	-0.012	-0.023	-0.035	-0.034	-0.027	-0.027	-0.023	-0.016	-0.024	-0.050	-0.077	-0.077	-0.047	-0.011	0.012	0.013	-0.012	-0.051	-0.082
-0.058	-0.039	-0.018	-0.012	-0.023	-0.035	-0.034	-0.027	-0.027	-0.023	-0.016	-0.024	-0.050	-0.077	-0.077	-0.047	-0.011	0.012	0.013	-0.012	-0.051	-0.082
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
-0.534	-0.517	-0.498	-0.481	-0.461	-0.431	-0.402	-0.381	-0.346	-0.262	-0.158	-0.108	-0.146	-0.243	-0.346	-0.401	-0.368	-0.243	-0.101	-0.013	0.021	0.033
-0.004	-0.046	-0.115	-0.196	-0.274	-0.335	-0.366	-0.371	-0.364	-0.331	-0.256	-0.147	-0.040	0.037	0.071	0.073	0.064	0.060	0.059	0.058	0.060	0.076
0.530	0.471	0.383	0.285	0.187	0.096	0.036	0.010	-0.018	-0.069	-0.098	-0.039	0.106	0.280	0.417	0.474	0.432	0.303	0.160	0.071	0.039	0.043
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
-0.448	-0.429	-0.410	-0.403	-0.414	-0.429	-0.441	-0.444	-0.415	-0.309	-0.149	-0.053	-0.097	-0.241	-0.380	-0.430	-0.345	-0.153	0.017	0.092	0.102	0.093
0.080	0.033	-0.037	-0.114	-0.182	-0.232	-0.262	-0.278	-0.282	-0.251	-0.165	-0.038	0.087	0.167	0.184	0.156	0.122	0.104	0.093	0.085	0.088	0.115
0.528	0.462	0.373	0.289	0.232	0.197	0.179	0.166	0.133	0.058	-0.016	0.015	0.184	0.408	0.564	0.586	0.467	0.257	0.076	-0.007	-0.014	0.022
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
-0.617	-0.606	-0.594	-0.574	-0.535	-0.468	-0.388	-0.325	-0.289	-0.280	-0.304	-0.367	-0.449	-0.532	-0.604	-0.641	-0.598	-0.466	-0.320	-0.235	-0.208	-0.207
-0.106	-0.156	-0.224	-0.292	-0.348	-0.376	-0.390	-0.418	-0.473	-0.507	-0.472	-0.375	-0.266	-0.186	-0.151	-0.152	-0.162	-0.165	-0.164	-0.167	-0.166	-0.156
0.511	0.450	0.370	0.282	0.187	0.092	-0.002	-0.093	-0.184	-0.227	-0.168	-0.008	0.183	0.346	0.453	0.489	0.436	0.301	0.156	0.068	0.042	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
-0.492	-0.483	-0.474	-0.465	-0.450	-0.413	-0.354	-0.297	-0.265	-0.251	-0.256	-0.297	-0.378	-0.477	-0.558	-0.569	-0.462	-0.257	-0.078	0.003	0.018	0.015
-0.022	-0.080	-0.148	-0.209	-0.245	-0.253	-0.258	-0.298	-0.373	-0.414	-0.361	-0.238	-0.106	-0.019	0.008	-0.009	-0.028	-0.031	-0.030	-0.025	-0.011	0.026
0.470	0.403	0.326	0.256	0.205	0.160	0.096	-0.001	-0.108	-0.163	-0.105	0.059	0.272	0.458	0.566	0.560	0.434	0.226	0.048	-0.028	-0.029	0.011

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
-0.660	-0.654	-0.644	-0.611	-0.566	-0.549	-0.566	-0.608	-0.663	-0.659	-0.644	-0.625	-0.584	-0.567	-0.569	-0.560	-0.557	-0.559	-0.559	-0.557	-0.559	-0.561
-0.338	-0.388	-0.403	-0.429	-0.470	-0.451	-0.436	-0.445	-0.445	-0.414	-0.399	-0.400	-0.385	-0.391	-0.381	-0.337	-0.292	-0.236	-0.167	-0.104	-0.061	-0.046
0.322	0.266	0.241	0.182	0.096	0.098	0.130	0.163	0.208	0.245	0.245	0.225	0.199	0.176	0.188	0.223	0.265	0.323	0.392	0.453	0.498	0.515
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
-0.701	-0.684	-0.648	-0.618	-0.593	-0.581	-0.578	-0.591	-0.624	-0.648	-0.649	-0.643	-0.621	-0.600	-0.600	-0.597	-0.590	-0.590	-0.590	-0.582	-0.572	-0.563
-0.255	-0.319	-0.366	-0.399	-0.426	-0.433	-0.431	-0.445	-0.468	-0.472	-0.465	-0.458	-0.439	-0.433	-0.427	-0.401	-0.364	-0.305	-0.221	-0.127	-0.060	-0.043
0.446	0.365	0.282	0.219	0.167	0.148	0.147	0.146	0.156	0.176	0.184	0.185	0.182	0.167	0.173	0.196	0.226	0.285	0.369	0.455	0.512	0.520
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.067	-0.056	-0.035	-0.019	-0.019	-0.026	-0.032	-0.034	-0.030	-0.024	-0.017	-0.011	-0.030	-0.056	-0.053	-0.041	-0.028	-0.023	-0.027	-0.035	-0.039	-0.039
-0.067	-0.056	-0.035	-0.019	-0.019	-0.026	-0.032	-0.034	-0.030	-0.024	-0.017	-0.011	-0.030	-0.056	-0.053	-0.041	-0.028	-0.023	-0.027	-0.035	-0.039	-0.039
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.047	0.051	0.061	0.069	0.074	0.073	0.073	0.073	0.074	0.075	0.073	0.067	0.052	0.050	0.060	0.070	0.073	0.070	0.063	0.055	0.046	0.042
0.047	0.051	0.061	0.069	0.074	0.073	0.073	0.073	0.074	0.075	0.073	0.067	0.052	0.050	0.060	0.070	0.073	0.070	0.063	0.055	0.046	0.042
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.162	-0.129	-0.110	-0.101	-0.098	-0.102	-0.106	-0.110	-0.109	-0.105	-0.102	-0.101	-0.117	-0.148	-0.150	-0.141	-0.136	-0.136	-0.138	-0.141	-0.147	-0.152
-0.162	-0.129	-0.110	-0.101	-0.098	-0.102	-0.106	-0.110	-0.109	-0.105	-0.102	-0.101	-0.117	-0.148	-0.150	-0.141	-0.136	-0.136	-0.138	-0.141	-0.147	-0.152
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.028	-0.024	-0.024	-0.025	-0.025	-0.025	-0.025	-0.027	-0.027	-0.026	-0.026	-0.029	-0.044	-0.060	-0.056	-0.046	-0.041	-0.043	-0.047	-0.052	-0.059	-0.063
-0.028	-0.024	-0.024	-0.025	-0.025	-0.025	-0.025	-0.027	-0.027	-0.026	-0.026	-0.029	-0.044	-0.060	-0.056	-0.046	-0.041	-0.043	-0.047	-0.052	-0.059	-0.063
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
-0.652	-0.625	-0.525	-0.351	-0.305	-0.470	-0.691	-0.801	-0.692	-0.450	-0.435	-0.629	-0.769	-0.742	-0.599	-0.475	-0.451	-0.501	-0.554	-0.570	-0.559	-0.547
-0.335	-0.356	-0.313	-0.232	-0.206	-0.285	-0.414	-0.474	-0.409	-0.389	-0.579	-0.739	-0.700	-0.519	-0.315	-0.191	-0.156	-0.159	-0.145	-0.091	-0.031	0.002
0.317	0.269	0.212	0.119	0.099	0.185	0.277	0.327	0.283	0.061	-0.144	-0.110	0.069	0.223	0.284	0.284	0.295	0.342	0.409	0.479	0.528	0.549
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
-0.661	-0.601	-0.501	-0.386	-0.325	-0.358	-0.448	-0.459	-0.276	-0.161	-0.339	-0.597	-0.716	-0.650	-0.491	-0.385	-0.387	-0.449	-0.498	-0.497	-0.475	-0.461
-0.297	-0.277	-0.206	-0.141	-0.126	-0.175	-0.236	-0.228	-0.191	-0.335	-0.595	-0.684	-0.550	-0.321	-0.131	-0.056	-0.069	-0.100	-0.086	-0.017	0.054	0.089
0.364	0.324	0.295	0.245	0.199	0.183	0.212	0.231	0.085	-0.174	-0.256	-0.087	0.166	0.329	0.360	0.329	0.318	0.349	0.412	0.480	0.529	0.550
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
-0.846	-0.866	-0.860	-0.756	-0.595	-0.553	-0.651	-0.766	-0.713	-0.510	-0.512	-0.737	-0.907	-0.900	-0.765	-0.635	-0.598	-0.638	-0.689	-0.697	-0.668	-0.636
-0.534	-0.594	-0.651	-0.642	-0.475	-0.332	-0.349	-0.422	-0.420	-0.447	-0.678	-0.873	-0.845	-0.664	-0.457	-0.324	-0.279	-0.273	-0.251	-0.183	-0.115	-0.088
0.312	0.272	0.209	0.114	0.120	0.221	0.302	0.344	0.293	0.063	-0.166	-0.136	0.062	0.236	0.308	0.311	0.319	0.365	0.438	0.514	0.553	0.548
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
-0.797	-0.792	-0.753	-0.617	-0.431	-0.366	-0.451	-0.518	-0.375	-0.246	-0.433	-0.730	-0.876	-0.822	-0.662	-0.539	-0.521	-0.575	-0.622	-0.606	-0.556	-0.514
-0.427	-0.451	-0.447	-0.371	-0.237	-0.193	-0.253	-0.301	-0.299	-0.448	-0.742	-0.855	-0.719	-0.477	-0.272	-0.183	-0.186	-0.212	-0.193	-0.108	-0.026	0.002
0.370	0.341	0.306	0.246	0.194	0.173	0.198	0.217	0.076	-0.202	-0.309	-0.125	0.157	0.345	0.390	0.356	0.335	0.363	0.429	0.498	0.530	0.516

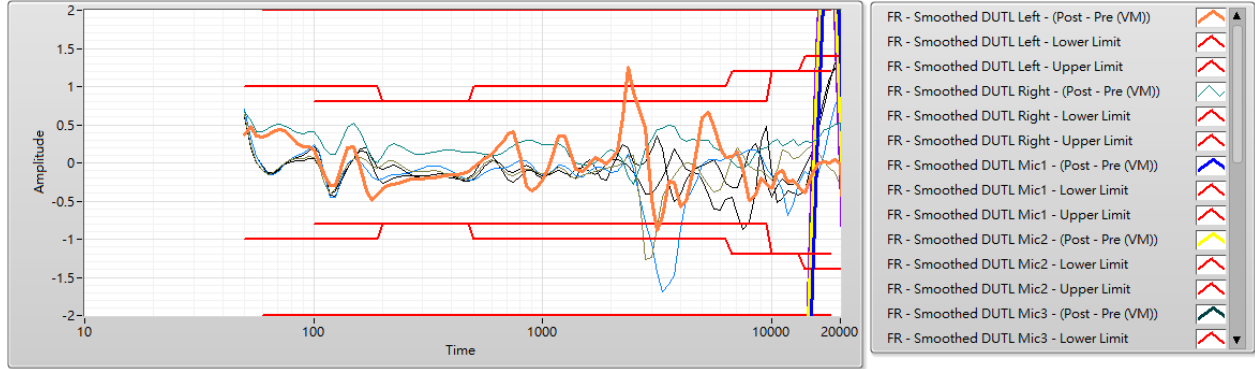
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
0.544	0.538	-0.029	-1.438	-1.171	-0.925	-0.836	-0.824	-0.868	-0.966	-1.063	-1.024	-0.951	-0.900	-0.801	-0.744	-0.713	-0.670	-0.664
0.032	-0.388	-0.765	-1.094	-0.365	-0.107	0.006	0.053	0.057	0.050	0.089	0.152	0.155	0.102	0.003	-0.074	-0.123	-0.197	-0.266
-0.512	-0.926	-0.736	0.344	0.806	0.818	0.842	0.877	0.925	1.016	1.152	1.176	1.106	1.002	0.804	0.670	0.590	0.473	0.398
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
-0.042	0.143	0.295	0.374	0.431	0.364	0.280	0.247	0.154	-0.077	-0.374	-0.585	-0.719	-0.815	-0.830	-0.765	-0.719	-0.704	-0.694
0.046	0.186	0.489	0.942	1.266	1.244	1.146	1.094	1.013	0.850	0.631	0.458	0.331	0.216	0.117	0.016	-0.051	-0.115	-0.190
0.088	0.043	0.194	0.568	0.835	0.880	0.866	0.847	0.859	0.927	1.005	1.043	1.050	1.031	0.947	0.781	0.668	0.589	0.504
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.110	-0.121	-0.111	-0.070	-0.041	-0.023	-0.009	-0.004	-0.010	-0.025	-0.043	-0.057	-0.054	-0.043	-0.047	-0.058	-0.066	-0.072	-0.071
-0.110	-0.121	-0.111	-0.070	-0.041	-0.023	-0.009	-0.004	-0.010	-0.025	-0.043	-0.057	-0.054	-0.043	-0.047	-0.058	-0.066	-0.072	-0.071
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.064	0.080	0.086	0.084	0.092	0.098	0.096	0.088	0.080	0.072	0.060	0.051	0.040	0.027	0.016	0.010	0.013	0.027	0.046
0.064	0.080	0.086	0.084	0.092	0.098	0.096	0.088	0.080	0.072	0.060	0.051	0.040	0.027	0.016	0.010	0.013	0.027	0.046
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.139	-0.144	-0.141	-0.137	-0.145	-0.142	-0.121	-0.103	-0.106	-0.127	-0.154	-0.163	-0.140	-0.126	-0.143	-0.169	-0.191	-0.200	-0.191
-0.139	-0.144	-0.141	-0.137	-0.145	-0.142	-0.121	-0.103	-0.106	-0.127	-0.154	-0.163	-0.140	-0.126	-0.143	-0.169	-0.191	-0.200	-0.191
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.013	0.037	0.015	-0.014	-0.023	-0.015	-0.004	-0.009	-0.032	-0.063	-0.088	-0.095	-0.095	-0.103	-0.112	-0.119	-0.121	-0.108	-0.059
-0.013	0.037	0.015	-0.014	-0.023	-0.015	-0.004	-0.009	-0.032	-0.063	-0.088	-0.095	-0.095	-0.103	-0.112	-0.119	-0.121	-0.108	-0.059
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
-0.806	-0.449	0.041	-0.181	-0.778	-1.206	-1.325	-1.240	-1.080	-0.832	-0.393	0.216	0.511	-0.073	-0.670	-0.761	-0.687	-0.646	-0.650
-0.628	0.187	1.244	0.870	0.082	-0.392	-0.512	-0.456	-0.332	-0.068	0.437	1.113	1.482	0.934	0.198	-0.071	-0.114	-0.166	-0.262
0.178	0.636	1.203	1.051	0.860	0.814	0.813	0.784	0.748	0.764	0.830	0.897	0.971	1.007	0.868	0.690	0.573	0.480	0.388
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
-0.370	-0.695	-0.816	-0.655	-0.515	-0.675	-0.883	-1.030	-1.140	-1.188	-0.941	-0.274	-0.390	-1.014	-1.134	-0.948	-0.734	-0.658	-0.671
0.326	0.003	-0.070	0.096	0.207	0.032	-0.200	-0.357	-0.457	-0.455	-0.122	0.522	0.173	-0.535	-0.564	-0.311	-0.112	-0.125	-0.237
0.696	0.698	0.746	0.751	0.722	0.707	0.683	0.673	0.683	0.733	0.819	0.796	0.563	0.479	0.570	0.637	0.622	0.533	0.434
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
-0.112	0.058	0.029	0.132	0.078	-0.002	0.061	0.190	0.253	0.086	-0.160	-0.163	-0.105	-0.308	-0.688	-0.805	-0.769	-0.769	-0.811
0.394	0.731	0.910	0.916	0.791	0.777	0.885	0.992	1.009	0.872	0.778	0.891	0.960	0.694	0.146	-0.139	-0.204	-0.302	-0.435
0.506	0.673	0.881	0.784	0.713	0.779	0.824	0.802	0.756	0.786	0.938	1.054	1.065	1.002	0.834	0.666	0.565	0.467	0.376
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
-0.040	0.308	0.457	0.292	-0.034	-0.003	0.171	0.263	0.214	-0.057	-0.415	-0.465	-0.316	-0.511	-0.811	-0.865	-0.816	-0.775	-0.781
0.520	0.936	1.231	1.178	0.853	0.784	0.860	0.902	0.849	0.649	0.537	0.816	1.225	0.936	0.191	-0.131	-0.221	-0.285	-0.364
0.560	0.628	0.774	0.886	0.887	0.787	0.689	0.639	0.635	0.706	0.952	1.281	1.541	1.447	1.002	0.734	0.595	0.490	0.417

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
0.473	0.481	0.495	0.507	0.537	0.515	0.424	0.340	0.227	0.097	0.003	-0.013	0.008	0.082	0.249	0.384	0.415	0.381	0.484
0.708	0.741	0.777	0.778	0.788	0.772	0.730	0.713	0.710	0.704	0.689	0.702	0.741	0.762	0.830	0.830	0.679	0.599	0.488
0.235	0.260	0.282	0.271	0.251	0.257	0.306	0.373	0.483	0.607	0.686	0.715	0.733	0.680	0.581	0.446	0.264	0.218	0.004
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
-0.070	-0.136	-0.056	-0.012	-0.115	-0.295	-0.478	-0.574	-0.582	-0.569	-0.537	-0.579	-0.642	-0.641	-0.672	-0.713	-0.619	-0.427	-0.227
0.251	0.209	0.316	0.387	0.321	0.168	0.000	-0.090	-0.085	-0.012	0.061	0.011	-0.079	-0.152	-0.264	-0.354	-0.298	-0.169	-0.065
0.321	0.345	0.372	0.399	0.436	0.463	0.478	0.484	0.497	0.557	0.598	0.590	0.563	0.489	0.408	0.359	0.321	0.258	0.162
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.153	-0.121	-0.129	-0.123	-0.105	-0.093	-0.089	-0.069	-0.064	-0.079	-0.105	-0.125	-0.099	-0.020	0.003	-0.025	-0.054	-0.078	-0.097
-0.153	-0.121	-0.129	-0.123	-0.105	-0.093	-0.089	-0.069	-0.064	-0.079	-0.105	-0.125	-0.099	-0.020	0.003	-0.025	-0.054	-0.078	-0.097
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.079	0.003	0.019	-0.009	-0.018	0.026	0.037	0.013	-0.010	-0.025	0.012	0.098	0.130	0.112	0.069	0.027	0.010	0.011	0.038
-0.079	0.003	0.019	-0.009	-0.018	0.026	0.037	0.013	-0.010	-0.025	0.012	0.098	0.130	0.112	0.069	0.027	0.010	0.011	0.038
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.144	-0.153	-0.159	-0.175	-0.213	-0.241	-0.212	-0.148	-0.140	-0.162	-0.188	-0.212	-0.196	-0.113	-0.052	-0.051	-0.081	-0.110	-0.128
-0.144	-0.153	-0.159	-0.175	-0.213	-0.241	-0.212	-0.148	-0.140	-0.162	-0.188	-0.212	-0.196	-0.113	-0.052	-0.051	-0.081	-0.110	-0.128
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.155	-0.122	-0.119	-0.134	-0.113	-0.058	-0.049	-0.049	-0.047	-0.043	-0.046	-0.039	-0.039	-0.044	-0.045	-0.063	-0.093	-0.120	-0.096
-0.155	-0.122	-0.119	-0.134	-0.113	-0.058	-0.049	-0.049	-0.047	-0.043	-0.046	-0.039	-0.039	-0.044	-0.045	-0.063	-0.093	-0.120	-0.096
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
-0.554	-0.865	-1.037	-1.064	-0.679	0.035	0.367	0.352	0.367	0.390	0.240	-0.071	-0.282	-0.157	0.198	0.513	0.697	0.343	-0.481
-0.275	-0.579	-0.738	-0.642	-0.122	0.597	0.842	0.738	0.754	0.866	0.859	0.681	0.523	0.605	0.889	1.157	1.241	0.749	-0.119
0.279	0.286	0.299	0.422	0.557	0.562	0.475	0.386	0.387	0.476	0.619	0.752	0.805	0.762	0.691	0.644	0.544	0.406	0.362
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
-0.206	-0.254	0.293	0.880	1.087	0.748	0.271	0.125	0.167	0.249	0.271	0.156	-0.015	-0.148	-0.271	-0.308	-0.165	0.066	-0.012
-0.175	-0.184	0.316	0.823	0.902	0.496	0.164	0.310	0.526	0.659	0.737	0.756	0.778	0.893	1.125	1.301	1.273	1.271	0.836
0.031	0.070	0.023	-0.057	-0.185	-0.252	-0.107	0.185	0.359	0.410	0.466	0.600	0.793	1.041	1.396	1.609	1.438	1.205	0.848
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
0.657	0.569	0.813	1.183	1.459	1.152	0.687	0.419	0.235	0.036	-0.228	-0.468	-0.632	-0.777	-1.017	-1.052	-0.723	-0.536	-0.350
-0.150	-0.066	0.089	0.410	0.955	1.176	1.030	0.904	0.824	0.647	0.331	0.089	0.036	0.075	0.108	0.078	-0.002	0.017	0.141
-0.807	-0.635	-0.724	-0.773	-0.504	0.024	0.343	0.485	0.589	0.611	0.559	0.557	0.668	0.852	1.125	1.130	0.721	0.553	0.491
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
-1.046	-0.477	0.019	0.310	0.183	-0.085	-0.119	-0.180	-0.622	-0.921	-0.876	-0.693	-0.500	-0.350	-0.203	-0.152	-0.378	-0.720	-0.549
-0.746	-0.078	0.889	1.650	1.355	0.523	0.249	0.442	0.550	0.391	0.180	0.051	0.078	0.208	0.346	0.382	0.214	0.022	0.151
0.300	0.399	0.870	1.340	1.172	0.608	0.368	0.622	1.172	1.312	1.056	0.744	0.578	0.558	0.549	0.534	0.592	0.742	0.700

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
-4.129	0.524	0.872	0.592	0.424	0.318	0.204	0.200	0.297	0.292	0.202	0.162	0.217	0.302	0.461	0.522
4.114	-1.892	0.570	0.509	0.600	0.577	0.566	0.646	0.593	0.552	0.534	0.531	0.556	0.606	0.745	0.762
8.243	-2.416	-0.302	-0.083	0.176	0.259	0.362	0.446	0.296	0.260	0.332	0.369	0.339	0.304	0.284	0.240
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
-4.295	-0.911	-0.232	-0.264	-0.243	-0.253	-0.241	-0.272	-0.396	-0.466	-0.557	-0.462	-0.257	-0.123	-0.005	0.021
3.710	-3.497	-0.621	-0.372	-0.056	0.037	0.162	0.220	-0.048	-0.137	-0.116	0.026	0.210	0.284	0.340	0.394
8.005	-2.586	-0.389	-0.108	0.187	0.290	0.403	0.492	0.348	0.329	0.441	0.488	0.467	0.407	0.345	0.313
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.028	0.127	-0.004	-0.133	-0.254	-0.375	-0.502	-0.571	-0.482	-0.315	-0.197	-0.123	-0.101	-0.155	-0.225	-0.226
0.028	0.127	-0.004	-0.133	-0.254	-0.375	-0.502	-0.571	-0.482	-0.315	-0.197	-0.123	-0.101	-0.155	-0.225	-0.226
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.794	0.175	-0.051	-0.207	-0.287	-0.313	-0.301	-0.259	-0.208	-0.161	-0.088	0.009	0.058	-0.007	-0.094	-0.114
0.794	0.175	-0.051	-0.207	-0.287	-0.313	-0.301	-0.259	-0.208	-0.161	-0.088	0.009	0.058	-0.007	-0.094	-0.114
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.324	0.177	0.150	0.079	-0.028	-0.135	-0.209	-0.216	-0.188	-0.218	-0.283	-0.329	-0.306	-0.253	-0.199	-0.159
-0.324	0.177	0.150	0.079	-0.028	-0.135	-0.209	-0.216	-0.188	-0.218	-0.283	-0.329	-0.306	-0.253	-0.199	-0.159
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
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.468	0.334	0.360	0.242	0.048	-0.156	-0.369	-0.521	-0.539	-0.530	-0.424	-0.326	-0.256	-0.217	-0.180	-0.170
0.468	0.334	0.360	0.242	0.048	-0.156	-0.369	-0.521	-0.539	-0.530	-0.424	-0.326	-0.256	-0.217	-0.180	-0.170
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
-5.503	-1.762	0.060	0.449	0.609	0.664	0.507	0.099	-0.150	-0.166	0.007	0.355	0.579	0.472	0.314	-0.044
-949.288	-3.853	-0.637	-0.295	-0.162	-0.126	-0.238	-0.342	-0.195	0.205	0.815	1.448	1.304	0.432	0.181	0.098
-943.785	-2.091	-0.697	-0.744	-0.771	-0.790	-0.745	-0.441	-0.045	0.371	0.808	1.093	0.725	-0.040	-0.133	0.142
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
-4.964	-0.853	0.493	-0.070	-0.555	-0.899	-0.961	-0.626	-0.281	-0.148	0.060	0.542	0.810	0.589	0.375	0.201
-941.805	-2.538	0.210	-0.776	-1.415	-1.789	-1.840	-1.564	-1.403	-1.271	-0.791	0.016	0.352	0.144	0.083	0.113
-936.841	-1.685	-0.283	-0.706	-0.860	-0.890	-0.879	-0.938	-1.122	-1.123	-0.851	-0.526	-0.458	-0.445	-0.292	-0.088
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
-7.078	-1.345	0.000	-0.426	-1.023	-1.503	-1.704	-1.248	-0.559	-0.283	-0.370	-0.819	-1.254	-0.938	-0.068	0.599
-930.589	-3.109	-0.309	-0.620	-0.846	-0.924	-0.828	-0.299	0.428	0.909	1.208	1.234	1.150	0.666	0.024	0.024
-923.511	-1.764	-0.309	-0.194	0.177	0.579	0.876	0.949	0.987	1.192	1.578	2.053	2.404	2.063	0.734	-0.575
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
-5.702	-1.366	-0.870	-0.098	0.012	-0.170	-0.525	-1.110	-1.865	-2.120	-1.447	0.009	1.150	0.697	-0.393	-1.031
-946.460	-4.882	-0.576	-0.526	-0.709	-0.919	-1.085	-1.225	-1.462	-1.592	-1.156	-0.164	0.746	0.608	-0.099	-0.604
-940.758	-3.516	0.294	-0.428	-0.721	-0.749	-0.560	-0.115	0.403	0.528	0.291	-0.173	-0.404	-0.089	0.294	0.427

FAILED

Verification Master Graphs



Verification Master Summary Data

80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency
92.48	92.24	92.01	91.83	91.55	90.98	89.95	88.06	84.75	FR - Smoothed DUTL Left - Pre-VM
92.82	92.65	92.45	92.24	91.92	91.31	90.30	88.54	85.12	FR - Smoothed DUTL Left - Post-VM
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))
80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency
95.23	94.83	94.25	93.58	92.84	92.01	90.91	89.16	85.96	FR - Smoothed DUTL Right - Pre-VM
95.67	95.31	94.76	94.07	93.29	92.41	91.31	89.73	86.62	FR - Smoothed DUTL Right - Post-VM
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))
80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	FR - Smoothed DUTL Mic1 - Pre-VM
71.39	72.60	74.73	77.06	79.04	80.43	81.20	81.47	81.56	FR - Smoothed DUTL Mic1 - Post-VM
-22.58	-21.38	-19.25	-16.92	-14.94	-13.55	-12.78	-12.51	-12.42	FR - Smoothed DUTL Mic1 - (Post - Pre (VM))
80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	FR - Smoothed DUTL Mic2 - Pre-VM
71.78	72.87	74.94	77.27	79.25	80.65	81.41	81.68	81.76	FR - Smoothed DUTL Mic2 - Post-VM
-22.19	-21.11	-19.04	-16.71	-14.72	-13.33	-12.56	-12.30	-12.22	FR - Smoothed DUTL Mic2 - (Post - Pre (VM))
80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	FR - Smoothed DUTL Mic3 - Pre-VM
71.36	72.37	74.58	77.08	79.18	80.66	81.49	81.78	81.89	FR - Smoothed DUTL Mic3 - Post-VM
-22.62	-21.61	-19.40	-16.90	-14.80	-13.32	-12.49	-12.20	-12.09	FR - Smoothed DUTL Mic3 - (Post - Pre (VM))
80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	FR - Smoothed DUTL Mic4 - Pre-VM
71.49	72.39	74.53	77.00	79.10	80.56	81.37	81.66	81.75	FR - Smoothed DUTL Mic4 - Post-VM
-22.49	-21.59	-19.45	-16.97	-14.88	-13.42	-12.61	-12.32	-12.22	FR - Smoothed DUTL Mic4 - (Post - Pre (VM))
80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency
83.35	82.60	81.44	79.93	78.38	77.10	75.96	74.49	71.68	FR - Smoothed Self DUTL Mic1 - Pre-VM
83.39	82.60	81.38	79.81	78.23	77.00	75.97	74.71	72.31	FR - Smoothed Self DUTL Mic1 - Post-VM
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))
80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency
81.34	80.55	79.39	77.98	76.65	75.61	74.57	73.02	69.91	FR - Smoothed Self DUTL Mic2 - Pre-VM
81.40	80.55	79.30	77.82	76.50	75.56	74.66	73.35	70.62	FR - Smoothed Self DUTL Mic2 - Post-VM
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))
80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency
83.85	83.14	82.00	80.50	78.92	77.60	76.43	74.95	72.18	FR - Smoothed Self DUTL Mic3 - Pre-VM
83.87	83.12	81.93	80.38	78.78	77.50	76.42	75.15	72.78	FR - Smoothed Self DUTL Mic3 - Post-VM
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))
80.00	75.00	71.00	67.00	63.00	60.00	56.00	53.00	50.00	Frequency
81.92	81.19	80.07	78.65	77.26	76.15	75.09	73.58	70.61	FR - Smoothed Self DUTL Mic4 - Pre-VM
81.97	81.19	79.99	78.52	77.13	76.11	75.17	73.90	71.32	FR - Smoothed Self DUTL Mic4 - Post-VM
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))

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	85.00
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	92.66
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	92.91
-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	0.25
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	85.00
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	95.42
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	95.82
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	0.40
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	85.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	71.13
-20.50	-20.65	-20.96	-21.37	-21.87	-22.50	-23.27	-24.16	-25.00	-25.58	-25.86	-25.88	-25.65	-25.27	-24.89	-24.60	-24.33	-23.94	-23.47	-23.10	-22.96	-22.99	-22.99	-22.92	-22.85	-22.85
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	85.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	71.61
-20.33	-20.46	-20.75	-21.17	-21.69	-22.37	-23.20	-24.11	-24.94	-25.50	-25.76	-25.70	-25.33	-24.85	-24.44	-24.13	-23.82	-23.39	-22.89	-22.50	-22.34	-22.34	-22.34	-22.30	-22.30	-22.37
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	85.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	71.31
-20.24	-20.32	-20.56	-20.90	-21.32	-21.85	-22.52	-23.30	-24.06	-24.61	-24.85	-24.78	-24.45	-24.02	-23.60	-23.30	-23.09	-22.86	-22.60	-22.42	-22.45	-22.63	-22.73	-22.67	-22.60	-22.67
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	85.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	71.92	71.92	71.77	71.66	71.66	71.67	71.53
-20.28	-20.34	-20.57	-20.92	-21.37	-21.95	-22.67	-23.49	-24.25	-24.76	-24.95	-24.80	-24.37	-23.85	-23.40	-23.07	-22.82	-22.54	-22.25	-22.06	-22.06	-22.21	-22.32	-22.32	-22.31	-22.45
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	85.00
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	83.73
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	83.79
-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	0.06
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	85.00
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	81.77
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	81.86
-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	0.10
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	85.00
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	84.22
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	84.25
-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	0.03
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	85.00
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	82.31
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	82.39
-0.14	-0.15	-0.17	-0.17	-0.16	-0.17	-0.17	-0.18	-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	0.08

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	375.00
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	92.98
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	92.81
-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	-0.17
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	375.00
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	90.93
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	91.10
-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	0.16
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	375.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	73.37
-16.22	-15.71	-15.80	-16.77	-18.65	-21.04	-22.93	-22.94	-21.45	-19.59	-17.87	-16.67	-16.10	-16.17	-16.87	-18.37	-20.90	-24.49	-27.22	-26.18	-23.96	-22.22	-21.14	-20.61
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	375.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	73.53
-17.17	-17.28	-17.96	-19.41	-21.53	-22.96	-21.97	-20.05	-18.58	-17.48	-16.48	-15.70	-15.41	-15.71	-16.61	-18.21	-20.72	-24.08	-26.37	-25.41	-23.48	-21.94	-20.95	-20.45
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	375.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	73.53
-15.44	-14.93	-15.10	-16.23	-18.22	-20.45	-21.94	-22.41	-21.87	-20.33	-18.44	-17.00	-16.25	-16.13	-16.61	-17.79	-19.91	-23.11	-26.34	-26.38	-24.22	-22.32	-21.09	-20.45
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	375.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	73.49
-16.77	-16.86	-17.54	-19.11	-21.29	-22.45	-21.54	-20.21	-19.19	-18.21	-17.09	-16.15	-15.72	-15.85	-16.51	-17.77	-19.85	-22.85	-25.71	-25.78	-23.94	-22.24	-21.11	-20.49
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	375.00
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	82.74
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	82.60
-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	-0.14
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	375.00
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	81.13
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	81.05
-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	-0.20	-0.16	-0.12	-0.08	
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	375.00
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	82.55
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	82.37
-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	-0.18
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	375.00
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	80.75
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	80.61
-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	-0.14

5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3550.00	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	1500.00
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	88.06
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	87.96
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	-0.11
5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3550.00	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	1500.00
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	92.67
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	92.65
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	-0.02
5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3550.00	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	1500.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	77.58
-11.65	-13.49	-15.60	-15.61	-13.37	-11.26	-10.05	-9.79	-10.18	-10.89	-12.01	-13.48	-13.31	-11.10	-9.36	-8.72	-8.87	-9.50	-10.68	-12.65	-15.01	-16.40
5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3550.00	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	1500.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	77.12
-14.44	-14.83	-13.76	-12.34	-11.29	-11.02	-11.61	-12.69	-13.30	-13.19	-13.18	-12.93	-11.32	-9.33	-8.22	-8.11	-8.74	-9.71	-11.02	-12.97	-15.30	-16.85
5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3550.00	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	1500.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	78.39
-10.08	-11.72	-13.93	-14.92	-13.95	-12.35	-11.04	-10.33	-10.44	-11.48	-13.25	-14.95	-14.66	-12.73	-11.14	-10.33	-10.13	-10.38	-11.12	-12.50	-14.35	-15.59
5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3550.00	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	1500.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	77.72
-12.60	-13.54	-13.24	-12.16	-11.30	-11.18	-11.79	-12.87	-14.13	-15.04	-14.47	-12.70	-11.02	-9.91	-9.49	-9.65	-10.16	-10.81	-11.60	-12.88	-14.69	-16.26
5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3550.00	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	1500.00
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	71.56
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	71.40
-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	-0.16
5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3550.00	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	1500.00
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	69.84
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	69.66
-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	-0.18
5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3550.00	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	1500.00
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	73.30
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	73.24
-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	-0.06
5000.00	4750.00	4500.00	4250.00	4000.00	3750.00	3550.00	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	1500.00
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	69.67
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	69.64
-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	-0.03

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	5300.00
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	85.71
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	86.37
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	0.67
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	5300.00
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	86.58
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	86.87
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	0.29
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	5300.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	82.96
2.42	0.42	-1.99	-4.14	-6.12	-7.98	-9.87	-11.23	-11.86	-12.47	-13.45	-13.79	-13.86	-13.85	-13.22	-12.45	-12.71	-13.75	-13.33	-11.76	-11.02
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	5300.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	81.03
3.06	1.43	-0.98	-3.14	-4.93	-6.65	-8.85	-10.60	-11.51	-11.81	-12.36	-13.47	-13.77	-13.18	-13.46	-14.36	-13.73	-12.15	-11.36	-11.71	-12.95
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	5300.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	84.26
2.66	1.24	-0.88	-4.22	-8.03	-9.43	-10.49	-11.88	-13.44	-13.80	-13.00	-12.18	-12.26	-13.09	-13.35	-12.94	-13.08	-13.44	-12.39	-10.65	-9.72
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	5300.00
93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98	93.98
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	82.61
3.06	1.81	-0.44	-3.15	-5.81	-7.54	-8.70	-10.12	-11.76	-12.38	-12.49	-12.95	-12.73	-12.15	-12.64	-14.03	-13.76	-11.90	-10.68	-10.60	-11.37
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	5300.00
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	76.99
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	76.69
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	-0.30
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	5300.00
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	74.06
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	74.11
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	0.05
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	5300.00
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	71.03
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	70.60
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	-0.42
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	5300.00
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	68.21
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	68.20
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	-0.00

22400.00	21200.00	20000.00	19000.00	18000.00
65.40	80.73	89.50	92.62	94.00
54.90	79.29	89.49	92.66	94.01
-10.51	-1.44	-0.01	0.04	0.00
22400.00	21200.00	20000.00	19000.00	18000.00
64.45	83.09	90.53	93.43	94.75
55.91	82.56	91.06	93.94	95.21
-8.53	-0.53	0.52	0.51	0.45
22400.00	21200.00	20000.00	19000.00	18000.00
93.98	93.98	93.98	93.98	93.98
89.36	93.31	95.51	96.93	97.26
-4.62	-0.67	1.53	2.95	3.28
22400.00	21200.00	20000.00	19000.00	18000.00
93.98	93.98	93.98	93.98	93.98
88.52	92.11	94.44	96.43	97.34
-5.46	-1.87	0.47	2.45	3.36
22400.00	21200.00	20000.00	19000.00	18000.00
93.98	93.98	93.98	93.98	93.98
88.49	93.19	95.73	96.97	97.23
-5.49	-0.79	1.75	2.99	3.25
22400.00	21200.00	20000.00	19000.00	18000.00
93.98	93.98	93.98	93.98	93.98
87.75	91.45	93.88	95.94	97.06
-6.23	-2.53	-0.10	1.96	3.08
22400.00	21200.00	20000.00	19000.00	18000.00
58.36	70.61	80.16	83.96	85.75
46.99	68.94	79.87	83.83	85.69
-11.37	-1.67	-0.29	-0.13	-0.07
22400.00	21200.00	20000.00	19000.00	18000.00
50.17	64.57	76.27	80.90	83.29
36.62	62.61	77.13	81.66	83.75
-13.56	-1.96	0.86	0.76	0.46
22400.00	21200.00	20000.00	19000.00	18000.00
44.67	69.92	76.77	80.75	83.11
27.58	68.00	77.81	81.99	84.22
-17.09	-1.93	1.04	1.24	1.11
22400.00	21200.00	20000.00	19000.00	18000.00
54.31	65.57	74.63	78.34	80.69
42.00	64.88	75.77	79.65	81.75
-12.31	-0.69	1.13	1.31	1.06