



GS Monthly Verification Report

Product : O1_374

Overall Result :

FAILED

GS SN : NTX2B16CP00374

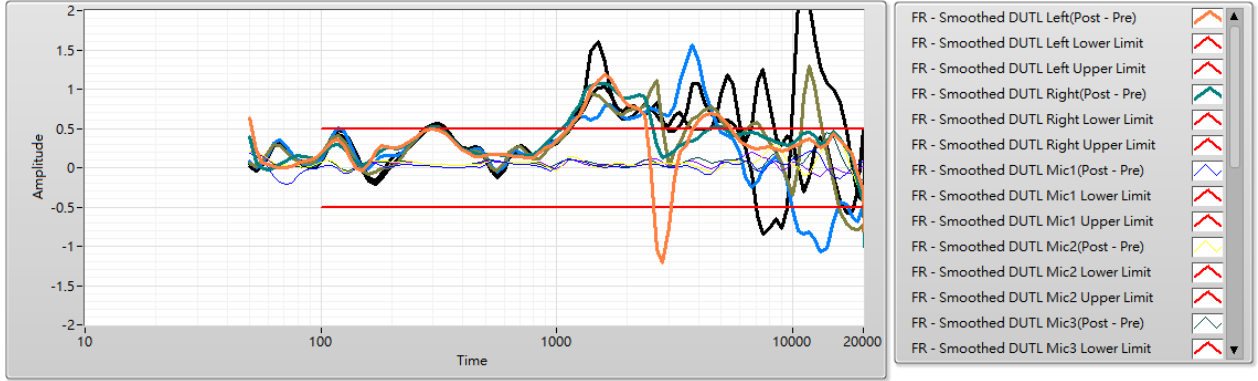
VM SN : NTX3209CP02597



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)
-0.162	-0.165	-0.180	-0.202	-0.232	-0.270	-0.300	-0.379	-0.284		
-0.110	-0.150	-0.178	-0.201	-0.220	-0.233	-0.223	-0.155	0.356		FR - Smoothed DUTL Left(Post-Delta)
0.052	0.015	0.002	0.001	0.012	0.037	0.077	0.224	0.640		FR - Smoothed DUTL Left(Post - Pre)
80.000	75.000	71.000	67.000	63.000	60.000	56.000	53.000	50.000	Frequency	FR - Smoothed DUTL Right(Pre-Delta)
-0.193	-0.189	-0.187	-0.191	-0.209	-0.245	-0.289	-0.384	-0.392		
-0.045	-0.064	-0.096	-0.146	-0.208	-0.267	-0.295	-0.308	-0.003		FR - Smoothed DUTL Right(Post-Delta)
0.148	0.125	0.091	0.045	0.001	-0.022	-0.006	0.076	0.389		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)
-0.019	-0.010	-0.014	-0.022	-0.031	-0.037	-0.036	-0.034	-0.029		
-0.117	-0.202	-0.230	-0.205	-0.137	-0.040	0.057	0.107	0.153		FR - Smoothed DUTL Mic1(Post-Delta)
-0.098	-0.192	-0.216	-0.183	-0.106	-0.003	0.093	0.141	0.182		FR - Smoothed DUTL Mic1(Post - Pre)
80.000	75.000	71.000	67.000	63.000	60.000	56.000	53.000	50.000	Frequency	FR - Smoothed DUTL Mic2(Pre-Delta)
0.014	0.020	0.013	-0.002	-0.015	-0.024	-0.029	-0.031	-0.030		
0.036	0.050	0.043	0.022	0.035	0.084	0.135	0.162	0.182		FR - Smoothed DUTL Mic2(Post-Delta)
0.022	0.030	0.030	0.024	0.050	0.108	0.164	0.193	0.212		FR - Smoothed DUTL Mic2(Post - Pre)
80.000	75.000	71.000	67.000	63.000	60.000	56.000	53.000	50.000	Frequency	FR - Smoothed DUTL Mic3(Pre-Delta)
-0.174	-0.167	-0.173	-0.187	-0.201	-0.212	-0.217	-0.219	-0.218		
-0.161	-0.145	-0.149	-0.169	-0.153	-0.103	-0.053	-0.025	-0.007		FR - Smoothed DUTL Mic3(Post-Delta)
0.013	0.022	0.024	0.018	0.048	0.109	0.164	0.194	0.211		FR - Smoothed 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 DUTL Mic4(Pre-Delta)
-0.046	-0.034	-0.035	-0.045	-0.054	-0.061	-0.062	-0.062	-0.059		
-0.034	-0.015	-0.016	-0.033	-0.015	0.039	0.094	0.124	0.146		FR - Smoothed DUTL Mic4(Post-Delta)
0.012	0.019	0.019	0.012	0.039	0.100	0.156	0.186	0.205		FR - Smoothed DUTL Mic4(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 Mic1(Pre-Delta)
0.044	0.054	0.059	0.050	0.021	-0.025	-0.074	-0.144	-0.204		
0.124	0.184	0.268	0.337	0.314	0.173	0.013	-0.124	-0.143		FR - Smoothed Self DUTL Mic1(Post-Delta)
0.080	0.130	0.209	0.287	0.293	0.198	0.087	0.020	0.061		FR - Smoothed Self DUTL Mic1(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 Mic2(Pre-Delta)
0.084	0.073	0.050	0.005	-0.059	-0.125	-0.184	-0.275	-0.378		
0.183	0.252	0.334	0.363	0.254	0.041	-0.140	-0.276	-0.291		FR - Smoothed Self DUTL Mic2(Post-Delta)
0.099	0.179	0.284	0.358	0.313	0.166	0.044	-0.001	0.087		FR - Smoothed Self DUTL Mic2(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 Mic3(Pre-Delta)
-0.209	-0.213	-0.223	-0.246	-0.288	-0.347	-0.416	-0.526	-0.679		
-0.116	-0.072	-0.011	0.031	-0.012	-0.166	-0.345	-0.526	-0.641		FR - Smoothed Self DUTL Mic3(Post-Delta)
0.093	0.141	0.212	0.277	0.276	0.181	0.071	0.000	0.038		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)
0.015	0.015	0.006	-0.023	-0.074	-0.134	-0.190	-0.270	-0.357		
0.098	0.172	0.257	0.294	0.205	0.005	-0.176	-0.316	-0.336		FR - Smoothed Self DUTL Mic4(Post-Delta)
0.083	0.157	0.251	0.317	0.279	0.139	0.014	-0.046	0.021		FR - Smoothed Self DUTL Mic4(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
-0.561	-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
-0.086	-0.126	-0.171	-0.217	-0.263	-0.297	-0.321	-0.332	-0.348	-0.374	-0.358	-0.280	-0.188	-0.144	-0.143	-0.146	-0.140	-0.122	-0.092	-0.070	-0.067	-0.078
0.475	0.432	0.380	0.328	0.280	0.252	0.248	0.268	0.282	0.201	0.042	-0.048	0.003	0.150	0.291	0.358	0.336	0.259	0.178	0.125	0.105	0.091
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
-0.061	-0.113	-0.178	-0.240	-0.288	-0.310	-0.320	-0.346	-0.385	-0.402	-0.383	-0.326	-0.253	-0.214	-0.204	-0.193	-0.169	-0.138	-0.102	-0.069	-0.056	-0.047
0.494	0.436	0.368	0.308	0.263	0.246	0.253	0.248	0.215	0.148	0.064	0.031	0.076	0.163	0.253	0.299	0.278	0.209	0.143	0.116	0.122	0.143
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
-0.079	-0.080	-0.079	-0.079	-0.077	-0.076	-0.074	-0.074	-0.076	-0.083	-0.097	-0.094	-0.055	-0.006	0.008	-0.021	-0.063	-0.077	-0.061	-0.042	-0.036	-0.033
-0.055	-0.054	-0.047	-0.036	-0.030	-0.045	-0.065	-0.068	-0.049	-0.030	-0.026	-0.042	-0.068	-0.078	-0.058	-0.036	-0.034	-0.046	-0.051	-0.053	-0.057	-0.069
0.024	0.026	0.032	0.043	0.047	0.031	0.009	0.006	0.027	0.053	0.071	0.052	-0.013	-0.072	-0.066	-0.015	0.029	0.031	0.010	-0.011	-0.021	-0.036
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
-0.009	-0.011	-0.013	-0.013	-0.011	-0.013	-0.020	-0.022	-0.017	-0.022	-0.037	-0.034	0.009	0.059	0.067	0.031	-0.016	-0.034	-0.018	0.004	0.012	0.010
0.033	0.045	0.062	0.068	0.061	0.052	0.053	0.057	0.062	0.064	0.048	0.018	-0.007	0.000	0.030	0.055	0.065	0.063	0.056	0.044	0.021	0.014
0.042	0.056	0.075	0.081	0.072	0.065	0.073	0.079	0.079	0.086	0.085	0.052	-0.016	-0.059	-0.037	0.024	0.081	0.097	0.074	0.040	0.009	0.004
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
-0.187	-0.189	-0.190	-0.190	-0.191	-0.192	-0.191	-0.192	-0.194	-0.197	-0.206	-0.205	-0.176	-0.135	-0.121	-0.149	-0.192	-0.211	-0.198	-0.179	-0.173	-0.178
-0.142	-0.131	-0.116	-0.108	-0.112	-0.121	-0.123	-0.121	-0.117	-0.116	-0.130	-0.156	-0.177	-0.177	-0.154	-0.129	-0.116	-0.116	-0.127	-0.144	-0.171	-0.182
0.045	0.058	0.074	0.082	0.079	0.071	0.068	0.071	0.077	0.081	0.076	0.049	-0.001	-0.042	-0.033	0.020	0.076	0.095	0.071	0.035	0.002	-0.004
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
-0.107	-0.109	-0.110	-0.109	-0.106	-0.107	-0.108	-0.108	-0.104	-0.106	-0.117	-0.115	-0.079	-0.032	-0.017	-0.046	-0.090	-0.108	-0.090	-0.064	-0.054	-0.054
-0.068	-0.056	-0.038	-0.032	-0.040	-0.049	-0.049	-0.044	-0.038	-0.034	-0.044	-0.067	-0.084	-0.081	-0.058	-0.035	-0.021	-0.016	-0.020	-0.029	-0.049	-0.056
0.039	0.053	0.072	0.077	0.066	0.058	0.059	0.064	0.066	0.072	0.073	0.048	-0.005	-0.049	-0.041	0.011	0.069	0.092	0.070	0.035	0.005	-0.002
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
-0.035	-0.075	-0.142	-0.224	-0.307	-0.369	-0.391	-0.381	-0.356	-0.312	-0.237	-0.144	-0.060	-0.007	0.011	0.009	0.014	0.037	0.063	0.077	0.081	0.093
0.499	0.442	0.356	0.257	0.154	0.062	0.011	-0.000	-0.010	-0.050	-0.079	-0.036	0.086	0.236	0.357	0.410	0.382	0.280	0.164	0.090	0.060	0.060
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
0.046	0.001	-0.066	-0.142	-0.216	-0.268	-0.292	-0.291	-0.277	-0.236	-0.158	-0.056	0.038	0.093	0.097	0.075	0.069	0.091	0.113	0.123	0.126	0.142
0.494	0.430	0.344	0.261	0.198	0.161	0.149	0.153	0.138	0.073	-0.009	-0.003	0.135	0.334	0.477	0.505	0.414	0.244	0.096	0.031	0.024	0.049
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
-0.103	-0.160	-0.232	-0.300	-0.352	-0.368	-0.364	-0.382	-0.441	-0.490	-0.472	-0.391	-0.300	-0.239	-0.216	-0.217	-0.209	-0.181	-0.153	-0.142	-0.140	-0.135
0.514	0.446	0.362	0.274	0.183	0.100	0.024	-0.057	-0.152	-0.210	-0.168	-0.024	0.149	0.293	0.388	0.424	0.389	0.285	0.167	0.093	0.068	0.072
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
-0.013	-0.082	-0.157	-0.220	-0.254	-0.248	-0.233	-0.263	-0.347	-0.414	-0.388	-0.289	-0.178	-0.107	-0.087	-0.095	-0.083	-0.045	-0.009	0.010	0.023	0.050
0.479	0.401	0.317	0.245	0.196	0.165	0.121	0.034	-0.082	-0.163	-0.132	0.008	0.200	0.370	0.471	0.474	0.379	0.212	0.069	0.007	0.005	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
-0.660	-0.654	-0.644	-0.611	-0.566	-0.549	-0.566	-0.608	-0.653	-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
-0.315	-0.369	-0.388	-0.415	-0.441	-0.425	-0.428	-0.464	-0.497	-0.486	-0.470	-0.458	-0.430	-0.429	-0.423	-0.381	-0.329	-0.260	-0.182	-0.116	-0.075	-0.066
0.345	0.285	0.256	0.196	0.125	0.124	0.138	0.144	0.156	0.173	0.174	0.167	0.154	0.138	0.146	0.179	0.228	0.299	0.377	0.441	0.484	0.495
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
-0.256	-0.316	-0.359	-0.392	-0.420	-0.424	-0.420	-0.438	-0.472	-0.487	-0.487	-0.477	-0.447	-0.430	-0.419	-0.387	-0.344	-0.284	-0.201	-0.114	-0.053	-0.036
0.445	0.368	0.289	0.226	0.173	0.157	0.158	0.153	0.152	0.161	0.162	0.166	0.174	0.170	0.181	0.210	0.246	0.306	0.389	0.468	0.519	0.527
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
-0.112	-0.045	-0.039	-0.052	-0.069	-0.081	-0.088	-0.090	-0.092	-0.099	-0.111	-0.120	-0.096	-0.074	-0.076	-0.068	-0.052	-0.042	-0.044	-0.056	-0.068	-0.075
-0.094	-0.089	-0.060	-0.038	-0.035	-0.041	-0.046	-0.045	-0.040	-0.034	-0.030	-0.031	-0.048	-0.067	-0.067	-0.058	-0.046	-0.041	-0.043	-0.051	-0.056	-0.056
0.018	-0.044	-0.021	0.014	0.034	0.040	0.042	0.045	0.052	0.065	0.081	0.089	0.048	0.007	0.009	0.010	0.006	0.001	0.001	0.005	0.012	0.019
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
0.057	0.043	0.011	-0.010	-0.016	-0.016	-0.013	-0.015	-0.019	-0.029	-0.042	-0.047	-0.013	0.009	0.004	0.010	0.023	0.031	0.026	0.013	0.002	-0.005
0.014	0.024	0.040	0.050	0.054	0.054	0.053	0.052	0.050	0.047	0.042	0.042	0.054	0.057	0.050	0.050	0.056	0.060	0.059	0.051	0.039	0.033
-0.043	-0.019	0.029	0.060	0.070	0.070	0.066	0.067	0.069	0.076	0.084	0.089	0.067	0.048	0.046	0.040	0.033	0.029	0.033	0.038	0.037	0.038
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
-0.216	-0.151	-0.130	-0.140	-0.154	-0.164	-0.170	-0.174	-0.178	-0.182	-0.190	-0.197	-0.196	-0.192	-0.195	-0.185	-0.167	-0.157	-0.159	-0.170	-0.179	-0.184
-0.175	-0.139	-0.112	-0.098	-0.095	-0.099	-0.103	-0.109	-0.111	-0.109	-0.107	-0.102	-0.101	-0.126	-0.145	-0.144	-0.136	-0.128	-0.126	-0.130	-0.138	-0.143
0.041	0.012	0.018	0.042	0.059	0.065	0.067	0.065	0.067	0.073	0.083	0.095	0.095	0.066	0.050	0.041	0.031	0.029	0.033	0.040	0.041	0.041
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
-0.027	-0.031	-0.062	-0.090	-0.101	-0.101	-0.099	-0.100	-0.105	-0.112	-0.121	-0.129	-0.118	-0.103	-0.107	-0.099	-0.083	-0.073	-0.076	-0.088	-0.098	-0.104
-0.042	-0.029	-0.025	-0.025	-0.027	-0.029	-0.031	-0.036	-0.040	-0.043	-0.044	-0.043	-0.037	-0.044	-0.057	-0.059	-0.050	-0.044	-0.043	-0.050	-0.060	-0.067
-0.015	0.002	0.037	0.065	0.074	0.072	0.068	0.064	0.065	0.069	0.077	0.086	0.081	0.059	0.050	0.040	0.033	0.029	0.033	0.038	0.038	0.037
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	-0.358	-0.321	-0.235	-0.193	-0.270	-0.430	-0.549	-0.499	-0.388	-0.473	-0.627	-0.653	-0.547	-0.389	-0.276	-0.227	-0.201	-0.168	-0.110	-0.055	-0.028
0.317	0.267	0.204	0.116	0.112	0.200	0.261	0.252	0.193	0.062	-0.038	0.002	0.116	0.195	0.210	0.199	0.224	0.300	0.386	0.460	0.504	0.519
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
-0.305	-0.290	-0.228	-0.171	-0.158	-0.206	-0.263	-0.229	-0.110	-0.151	-0.396	-0.574	-0.559	-0.415	-0.256	-0.171	-0.148	-0.138	-0.102	-0.031	0.031	0.058
0.356	0.311	0.273	0.215	0.167	0.152	0.185	0.230	0.166	0.010	-0.057	0.023	0.157	0.235	0.235	0.214	0.239	0.311	0.396	0.466	0.506	0.519
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	-0.597	-0.659	-0.647	-0.464	-0.320	-0.374	-0.506	-0.519	-0.466	-0.596	-0.779	-0.809	-0.691	-0.524	-0.405	-0.347	-0.311	-0.263	-0.182	-0.108	-0.080
0.312	0.269	0.201	0.109	0.131	0.233	0.277	0.260	0.194	0.044	-0.084	-0.042	0.098	0.209	0.241	0.230	0.251	0.327	0.426	0.515	0.560	0.556
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
-0.444	-0.470	-0.474	-0.407	-0.268	-0.217	-0.282	-0.320	-0.249	-0.293	-0.560	-0.757	-0.730	-0.565	-0.390	-0.297	-0.268	-0.248	-0.194	-0.093	-0.006	0.021
0.353	0.322	0.279	0.210	0.163	0.149	0.169	0.198	0.126	-0.047	-0.127	-0.027	0.146	0.257	0.272	0.242	0.253	0.327	0.428	0.513	0.550	0.535

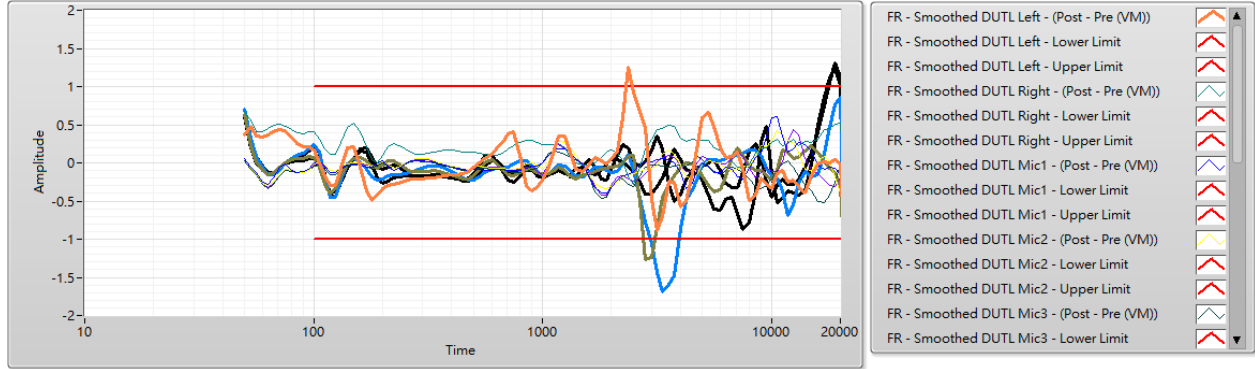
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
0.544	0.538	-0.029	-1.438	-1.171	-0.925	-0.836	-0.824	-0.868	-0.966	-1.063	-1.024	-0.951	-0.900	-0.801	-0.744	-0.713	-0.670	-0.664
-0.220	-0.676	-1.078	-1.354	-0.493	-0.185	-0.064	-0.020	0.000	0.018	0.081	0.159	0.160	0.097	-0.005	-0.084	-0.121	-0.179	-0.244
-0.764	-1.214	-1.049	0.084	0.678	0.740	0.772	0.804	0.868	0.984	1.144	1.183	1.111	0.997	0.796	0.660	0.592	0.491	0.420
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
0.122	0.273	0.570	1.018	1.332	1.289	1.182	1.130	1.048	0.885	0.663	0.483	0.349	0.234	0.137	0.037	-0.034	-0.111	-0.192
0.164	0.130	0.275	0.644	0.901	0.925	0.902	0.883	0.894	0.962	1.037	1.068	1.068	1.049	0.967	0.802	0.685	0.593	0.502
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
-0.136	-0.171	-0.175	-0.136	-0.106	-0.076	-0.040	-0.018	-0.025	-0.050	-0.072	-0.078	-0.084	-0.108	-0.137	-0.162	-0.180	-0.189	-0.177
-0.132	-0.147	-0.136	-0.095	-0.063	-0.044	-0.030	-0.023	-0.027	-0.038	-0.054	-0.072	-0.075	-0.065	-0.065	-0.073	-0.079	-0.083	-0.087
0.004	0.024	0.039	0.041	0.043	0.032	0.010	-0.005	-0.002	0.012	0.018	0.006	0.009	0.043	0.072	0.089	0.101	0.106	0.090
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
0.001	0.004	-0.005	0.007	0.033	0.051	0.052	0.036	0.014	-0.001	0.001	0.016	0.010	-0.027	-0.072	-0.114	-0.146	-0.135	-0.024
0.051	0.060	0.057	0.057	0.068	0.075	0.074	0.070	0.067	0.062	0.048	0.033	0.017	0.005	-0.004	-0.008	-0.005	0.005	0.014
0.050	0.056	0.062	0.050	0.035	0.024	0.022	0.034	0.053	0.063	0.047	0.017	0.007	0.032	0.068	0.106	0.141	0.140	0.038
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
-0.178	-0.198	-0.225	-0.247	-0.248	-0.215	-0.158	-0.121	-0.130	-0.164	-0.195	-0.201	-0.190	-0.200	-0.232	-0.266	-0.294	-0.307	-0.284
-0.166	-0.178	-0.172	-0.150	-0.146	-0.142	-0.125	-0.108	-0.110	-0.128	-0.153	-0.164	-0.146	-0.136	-0.152	-0.177	-0.198	-0.208	-0.201
0.012	0.020	0.053	0.097	0.102	0.073	0.033	0.013	0.020	0.036	0.042	0.037	0.044	0.064	0.080	0.089	0.096	0.099	0.083
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
-0.056	-0.061	-0.109	-0.134	-0.119	-0.077	-0.041	-0.045	-0.081	-0.115	-0.132	-0.132	-0.136	-0.155	-0.179	-0.206	-0.236	-0.231	-0.112
-0.043	0.015	0.002	-0.022	-0.027	-0.021	-0.012	-0.017	-0.039	-0.071	-0.099	-0.110	-0.113	-0.123	-0.132	-0.137	-0.140	-0.131	-0.083
0.013	0.076	0.111	0.112	0.092	0.056	0.029	0.028	0.042	0.044	0.033	0.022	0.023	0.032	0.047	0.069	0.096	0.100	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
-0.806	-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
-0.791	0.071	1.157	0.786	0.005	-0.457	-0.574	-0.525	-0.410	-0.142	0.379	1.062	1.421	0.871	0.158	-0.091	-0.126	-0.173	-0.263
0.015	0.520	1.116	0.967	0.783	0.749	0.751	0.715	0.670	0.690	0.772	0.846	0.910	0.944	0.828	0.670	0.561	0.473	0.387
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
0.295	-0.019	-0.079	0.101	0.192	-0.012	-0.256	-0.410	-0.498	-0.480	-0.139	0.514	0.253	-0.406	-0.480	-0.283	-0.117	-0.137	-0.244
0.665	0.676	0.737	0.756	0.707	0.663	0.627	0.620	0.642	0.708	0.802	0.788	0.643	0.608	0.654	0.665	0.617	0.521	0.427
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
0.349	0.669	0.854	0.871	0.748	0.736	0.847	0.954	0.970	0.842	0.767	0.872	0.906	0.611	0.082	-0.163	-0.215	-0.309	-0.437
0.461	0.611	0.825	0.739	0.670	0.738	0.786	0.764	0.717	0.756	0.927	1.035	1.011	0.919	0.770	0.642	0.554	0.460	0.374
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
0.490	0.876	1.123	1.048	0.770	0.743	0.832	0.878	0.827	0.635	0.551	0.870	1.291	0.968	0.195	-0.124	-0.214	-0.289	-0.378
0.530	0.568	0.666	0.756	0.804	0.746	0.661	0.615	0.613	0.692	0.966	1.335	1.607	1.479	1.006	0.741	0.602	0.486	0.403

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
0.690	0.722	0.760	0.757	0.775	0.766	0.713	0.685	0.678	0.665	0.648	0.664	0.705	0.750	0.859	0.869	0.711	0.585	0.363
0.217	0.241	0.265	0.250	0.238	0.251	0.289	0.345	0.451	0.568	0.645	0.677	0.697	0.668	0.610	0.485	0.296	0.204	-0.121
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
0.233	0.193	0.314	0.389	0.321	0.155	-0.039	-0.148	-0.169	-0.106	-0.011	-0.054	-0.133	-0.184	-0.295	-0.378	-0.297	-0.147	-0.018
0.303	0.329	0.370	0.401	0.436	0.450	0.439	0.426	0.413	0.463	0.526	0.525	0.509	0.457	0.377	0.335	0.322	0.280	0.209
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
-0.217	-0.253	-0.222	-0.141	-0.158	-0.233	-0.260	-0.178	-0.149	-0.169	-0.173	-0.123	-0.046	-0.006	-0.025	-0.071	-0.101	-0.112	-0.115
-0.179	-0.168	-0.186	-0.200	-0.194	-0.181	-0.171	-0.138	-0.111	-0.103	-0.111	-0.133	-0.137	-0.085	-0.055	-0.066	-0.078	-0.092	-0.111
0.038	0.085	0.036	-0.059	-0.036	0.052	0.089	0.040	0.038	0.066	0.062	-0.010	-0.091	-0.079	-0.030	0.005	0.023	0.020	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
-0.308	-0.346	-0.280	-0.237	-0.189	-0.118	-0.097	-0.109	-0.129	-0.124	-0.025	0.104	0.138	0.099	0.025	-0.041	-0.074	-0.060	-0.020
-0.079	-0.023	-0.037	-0.079	-0.104	-0.057	-0.025	-0.033	-0.046	-0.059	-0.029	0.055	0.088	0.071	0.026	-0.011	-0.019	-0.003	0.031
0.229	0.323	0.243	0.158	0.085	0.061	0.072	0.076	0.083	0.065	-0.004	-0.049	-0.050	-0.028	0.001	0.030	0.055	0.057	0.051
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
-0.349	-0.359	-0.324	-0.231	-0.219	-0.277	-0.346	-0.317	-0.286	-0.293	-0.304	-0.315	-0.284	-0.213	-0.181	-0.173	-0.178	-0.177	-0.173
-0.127	-0.159	-0.191	-0.215	-0.251	-0.285	-0.264	-0.198	-0.185	-0.201	-0.224	-0.245	-0.222	-0.119	-0.055	-0.065	-0.100	-0.130	-0.150
0.222	0.200	0.133	0.016	-0.032	-0.008	0.082	0.119	0.101	0.092	0.080	0.070	0.062	0.094	0.126	0.108	0.078	0.047	0.023
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
-0.176	-0.233	-0.306	-0.349	-0.354	-0.300	-0.226	-0.171	-0.147	-0.147	-0.154	-0.089	-0.048	-0.085	-0.131	-0.178	-0.203	-0.194	-0.134
-0.215	-0.190	-0.197	-0.217	-0.188	-0.097	-0.064	-0.059	-0.061	-0.070	-0.082	-0.069	-0.063	-0.068	-0.074	-0.092	-0.121	-0.148	-0.126
-0.039	0.043	0.109	0.132	0.166	0.203	0.162	0.112	0.086	0.077	0.072	0.020	-0.015	0.017	0.057	0.086	0.082	0.046	0.008
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
-0.501	-0.665	-0.717	-0.594	-0.102	0.585	0.833	0.753	0.781	0.882	0.852	0.658	0.496	0.580	0.866	1.136	1.207	0.665	-0.268
0.053	0.200	0.320	0.470	0.577	0.550	0.466	0.401	0.414	0.492	0.612	0.729	0.778	0.737	0.668	0.623	0.510	0.322	0.213
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
-0.159	-0.114	0.370	0.846	0.905	0.491	0.165	0.317	0.532	0.657	0.721	0.724	0.734	0.848	1.086	1.259	1.197	1.162	0.771
0.047	0.140	0.077	-0.034	-0.182	-0.257	-0.106	0.192	0.365	0.408	0.450	0.568	0.749	0.996	1.357	1.567	1.362	1.096	0.783
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
-0.116	-0.075	0.044	0.337	0.859	1.085	0.961	0.860	0.797	0.644	0.369	0.142	0.064	0.060	0.048	0.022	-0.018	0.005	0.116
-0.773	-0.644	-0.769	-0.846	-0.600	-0.067	0.274	0.441	0.562	0.608	0.597	0.610	0.696	0.837	1.065	1.074	0.705	0.541	0.466
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
-0.758	-0.096	0.833	1.563	1.266	0.451	0.198	0.374	0.436	0.263	0.058	-0.052	-0.007	0.137	0.291	0.346	0.180	-0.020	0.120
0.288	0.381	0.814	1.253	1.083	0.536	0.317	0.554	1.058	1.184	0.934	0.641	0.493	0.487	0.494	0.498	0.558	0.700	0.669

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
5.789	-1.560	0.591	0.505	0.591	0.565	0.550	0.639	0.589	0.542	0.530	0.526	0.550	0.599	0.730	0.748
9.918	-2.084	-0.281	-0.087	0.167	0.247	0.346	0.439	0.292	0.250	0.328	0.364	0.333	0.297	0.269	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
-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
5.026	-3.240	-0.678	-0.436	-0.110	-0.014	0.124	0.196	-0.073	-0.165	-0.147	-0.005	0.175	0.245	0.298	0.303
9.321	-2.329	-0.446	-0.172	0.133	0.239	0.365	0.468	0.323	0.301	0.410	0.457	0.432	0.368	0.303	0.282
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
-0.063	0.006	-0.153	-0.267	-0.355	-0.397	-0.435	-0.494	-0.480	-0.454	-0.368	-0.263	-0.210	-0.252	-0.312	-0.257
0.056	0.119	-0.067	-0.219	-0.351	-0.467	-0.575	-0.609	-0.492	-0.305	-0.149	-0.046	-0.046	-0.131	-0.206	-0.218
0.119	0.113	0.086	0.048	0.004	-0.070	-0.140	-0.115	-0.012	0.149	0.219	0.217	0.164	0.121	0.106	0.039
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
0.943	0.474	0.226	-0.043	-0.323	-0.570	-0.768	-0.804	-0.600	-0.450	-0.277	-0.023	0.062	-0.067	-0.156	-0.204
0.724	0.188	-0.100	-0.277	-0.374	-0.409	-0.404	-0.355	-0.293	-0.265	-0.201	-0.101	-0.039	-0.064	-0.108	-0.115
-0.219	-0.286	-0.326	-0.234	-0.051	0.161	0.364	0.449	0.307	0.185	0.076	-0.078	-0.101	0.003	0.048	0.089
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
0.525	0.389	0.280	0.186	0.021	-0.232	-0.544	-0.788	-0.769	-0.546	-0.486	-0.443	-0.335	-0.276	-0.342	-0.362
-0.465	0.171	0.125	0.058	-0.068	-0.222	-0.359	-0.394	-0.316	-0.248	-0.252	-0.268	-0.269	-0.249	-0.190	-0.133
-0.990	-0.218	-0.155	-0.128	-0.089	0.010	0.185	0.394	0.453	0.298	0.234	0.175	0.066	0.027	0.152	0.229
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
1.065	0.282	0.272	0.213	0.099	-0.056	-0.250	-0.428	-0.465	-0.431	-0.341	-0.292	-0.292	-0.335	-0.318	-0.228
0.484	0.234	0.288	0.196	0.035	-0.127	-0.296	-0.429	-0.496	-0.544	-0.424	-0.333	-0.283	-0.273	-0.246	-0.228
-0.581	-0.048	0.016	-0.017	-0.064	-0.071	-0.046	-0.001	-0.031	-0.113	-0.083	-0.041	0.009	0.062	0.072	-0.000
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
-949.318	-3.366	-0.668	-0.335	-0.160	-0.053	-0.061	-0.091	0.053	0.434	1.030	1.655	1.484	0.473	-0.034	-0.201
-943.815	-1.604	-0.728	-0.784	-0.769	-0.717	-0.568	-0.190	0.203	0.600	1.023	1.300	0.905	0.001	-0.348	-0.157
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
-941.895	-1.239	0.014	-0.761	-1.170	-1.368	-1.393	-1.308	-1.303	-1.221	-0.861	-0.268	-0.041	-0.208	-0.155	0.013
-936.931	-0.386	-0.479	-0.691	-0.615	-0.469	-0.432	-0.682	-1.022	-1.073	-0.921	-0.810	-0.851	-0.797	-0.530	-0.188
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
-930.739	-2.564	-0.431	-0.775	-0.997	-1.043	-0.874	-0.247	0.528	1.001	1.276	1.286	1.183	1.165	0.730	0.071
-923.661	-1.219	-0.431	-0.349	0.026	0.460	0.830	1.001	1.087	1.284	1.646	2.105	2.437	2.103	0.798	-0.528
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
-946.170	-4.546	-0.386	-0.376	-0.545	-0.748	-0.950	-1.217	-1.597	-1.723	-1.210	-0.123	0.843	0.701	-0.053	-0.628
-940.468	-3.180	0.484	-0.278	-0.557	-0.578	-0.425	-0.107	0.268	0.397	0.237	-0.132	-0.307	0.004	0.340	0.403

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	71.92	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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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