



GS Monthly Verification Report

Product : O1 712

Overall Result :

FAILED

GS SN : NTX2B16CP00712

VM SN : NTX3209CP02597

WOW - P

Date : 2024-04-19

280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.413	-0.392	-0.376	-0.367	-0.360	-0.358	-0.366	-0.384	-0.413	-0.384	-0.252	-0.118	-0.087	-0.168	-0.275	-0.350	-0.395	-0.397	-0.371	-0.353	-0.339	-0.333
0.054	0.017	-0.046	-0.124	-0.198	-0.265	-0.324	-0.360	-0.345	-0.220	-0.100	-0.088	-0.137	-0.200	-0.236	-0.248	-0.263	-0.289	-0.305	-0.315	-0.326	-0.338
0.467	0.409	0.330	0.243	0.162	0.093	0.042	0.024	0.068	0.164	0.152	0.030	-0.050	-0.032	0.039	0.102	0.132	0.108	0.066	0.038	0.013	-0.005
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.418	-0.400	-0.390	-0.384	-0.370	-0.355	-0.355	-0.363	-0.370	-0.343	-0.265	-0.188	-0.166	-0.208	-0.281	-0.350	-0.398	-0.408	-0.387	-0.361	-0.340	-0.329
-0.035	-0.067	-0.135	-0.214	-0.274	-0.323	-0.338	-0.325	-0.291	-0.230	-0.214	-0.222	-0.223	-0.212	-0.193	-0.207	-0.249	-0.313	-0.368	-0.391	-0.401	-0.405
0.383	0.333	0.255	0.170	0.096	0.032	0.017	0.038	0.079	0.113	0.051	-0.034	-0.057	-0.004	0.088	0.143	0.149	0.095	0.019	-0.030	-0.061	-0.076
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	0.040	0.031	0.023	0.020	0.033	0.047	0.029	0.002	0.001	0.032	0.060	0.046	-0.001	-0.031	0.000	0.068	0.108	0.085	0.045	0.035	0.040
0.048	0.040	0.031	0.023	0.020	0.033	0.047	0.029	0.002	0.001	0.032	0.060	0.046	-0.001	-0.031	0.000	0.068	0.108	0.085	0.045	0.035	0.040
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
0.017	0.019	0.010	-0.001	-0.008	0.001	0.013	-0.003	-0.035	-0.044	-0.011	0.023	0.005	-0.058	-0.096	-0.060	0.018	0.064	0.043	-0.002	-0.020	-0.020
0.017	0.019	0.010	-0.001	-0.008	0.001	0.013	-0.003	-0.035	-0.044	-0.011	0.023	0.005	-0.058	-0.096	-0.060	0.018	0.064	0.043	-0.002	-0.020	-0.020
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
-0.114	-0.111	-0.119	-0.129	-0.136	-0.129	-0.118	-0.128	-0.153	-0.165	-0.143	-0.112	-0.118	-0.163	-0.205	-0.190	-0.130	-0.083	-0.092	-0.128	-0.141	-0.137
-0.114	-0.111	-0.119	-0.129	-0.136	-0.129	-0.118	-0.128	-0.153	-0.165	-0.143	-0.112	-0.118	-0.163	-0.205	-0.190	-0.130	-0.083	-0.092	-0.128	-0.141	-0.137
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
-0.410	-0.405	-0.409	-0.414	-0.413	-0.401	-0.390	-0.404	-0.429	-0.436	-0.402	-0.360	-0.361	-0.408	-0.450	-0.428	-0.356	-0.301	-0.305	-0.340	-0.345	-0.331
-0.410	-0.405	-0.409	-0.414	-0.413	-0.401	-0.390	-0.404	-0.429	-0.436	-0.402	-0.360	-0.361	-0.408	-0.450	-0.428	-0.356	-0.301	-0.305	-0.340	-0.345	-0.331
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.370	-0.344	-0.324	-0.316	-0.308	-0.290	-0.272	-0.268	-0.262	-0.215	-0.130	-0.067	-0.067	-0.127	-0.203	-0.262	-0.298	-0.317	-0.326	-0.325	-0.318	-0.313
0.184	0.142	0.084	0.041	0.024	0.012	-0.020	-0.051	-0.055	-0.064	-0.112	-0.152	-0.135	-0.083	-0.054	-0.064	-0.093	-0.133	-0.177	-0.218	-0.251	-0.276
0.554	0.486	0.408	0.357	0.332	0.302	0.252	0.217	0.207	0.151	0.018	-0.085	-0.068	0.044	0.149	0.198	0.205	0.184	0.149	0.107	0.067	0.037
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.318	-0.292	-0.284	-0.303	-0.336	-0.353	-0.352	-0.352	-0.341	-0.265	-0.116	0.016	0.037	-0.051	-0.162	-0.236	-0.276	-0.303	-0.321	-0.325	-0.320	-0.317
0.173	0.115	0.010	-0.108	-0.196	-0.240	-0.264	-0.265	-0.223	-0.174	-0.152	-0.109	-0.029	0.026	0.011	-0.051	-0.127	-0.200	-0.263	-0.315	-0.355	-0.384
0.491	0.407	0.294	0.195	0.140	0.113	0.088	0.087	0.118	0.091	-0.036	-0.125	-0.066	0.077	0.173	0.185	0.149	0.103	0.058	0.010	-0.035	-0.067
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.554	-0.533	-0.512	-0.491	-0.459	-0.402	-0.330	-0.271	-0.243	-0.248	-0.283	-0.330	-0.378	-0.428	-0.482	-0.531	-0.565	-0.583	-0.587	-0.581	-0.572	-0.568
-0.092	-0.111	-0.154	-0.200	-0.225	-0.219	-0.174	-0.110	-0.081	-0.162	-0.321	-0.425	-0.413	-0.336	-0.285	-0.287	-0.321	-0.373	-0.427	-0.472	-0.504	-0.530
0.462	0.422	0.358	0.291	0.234	0.183	0.156	0.161	0.162	0.086	-0.038	-0.095	-0.035	0.092	0.197	0.244	0.244	0.210	0.160	0.109	0.068	0.038
280.000	265.000	250.000	236.000	224.000	212.000	200.000	190.000	180.000	170.000	160.000	150.000	140.000	132.000	125.000	118.000	112.000	106.000	100.000	95.000	90.000	85.000
-0.639	-0.618	-0.608	-0.617	-0.627	-0.602	-0.535	-0.468	-0.434	-0.430	-0.430	-0.419	-0.424	-0.465	-0.523	-0.565	-0.586	-0.595	-0.593	-0.576	-0.551	-0.528
-0.386	-0.407	-0.495	-0.624	-0.733	-0.761	-0.687	-0.561	-0.475	-0.527	-0.648	-0.664	-0.550	-0.427	-0.385	-0.420	-0.485	-0.551	-0.602	-0.632	-0.643	-0.641
0.253	0.211	0.113	-0.007	-0.106	-0.159	-0.152	-0.093	-0.041	-0.097	-0.218	-0.245	-0.126	0.038	0.138	0.145	0.101	0.044	-0.009	-0.056	-0.092	-0.113

1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.444	-0.463	-0.477	-0.485	-0.476	-0.467	-0.489	-0.505	-0.485	-0.454	-0.471	-0.521	-0.563	-0.580	-0.548	-0.498	-0.471	-0.465	-0.466	-0.460	-0.449	-0.433
-0.369	-0.393	-0.417	-0.414	-0.388	-0.379	-0.388	-0.382	-0.375	-0.413	-0.460	-0.479	-0.478	-0.418	-0.351	-0.307	-0.254	-0.189	-0.110	-0.028	0.028	0.056
0.075	0.070	0.060	0.071	0.088	0.088	0.101	0.123	0.110	0.041	0.011	0.042	0.085	0.162	0.197	0.191	0.217	0.276	0.356	0.432	0.477	0.489
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.468	-0.470	-0.477	-0.481	-0.489	-0.500	-0.515	-0.528	-0.517	-0.480	-0.467	-0.496	-0.537	-0.583	-0.584	-0.540	-0.503	-0.486	-0.480	-0.469	-0.453	-0.436
-0.413	-0.437	-0.462	-0.477	-0.479	-0.473	-0.473	-0.458	-0.429	-0.434	-0.461	-0.484	-0.511	-0.490	-0.432	-0.383	-0.326	-0.257	-0.179	-0.104	-0.051	-0.029
0.055	0.033	0.015	0.004	0.010	0.027	0.042	0.070	0.088	0.046	0.006	0.012	0.026	0.093	0.152	0.157	0.177	0.229	0.301	0.365	0.402	0.407
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
-0.022	0.094	0.129	0.096	0.058	0.037	0.025	0.018	0.009	-0.003	-0.017	-0.022	0.015	0.047	0.055	0.065	0.071	0.068	0.062	0.057	0.058	0.055
-0.022	0.094	0.129	0.096	0.058	0.037	0.025	0.018	0.009	-0.003	-0.017	-0.022	0.015	0.047	0.055	0.065	0.071	0.068	0.062	0.057	0.058	0.055
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
0.096	0.121	0.087	0.046	0.017	0.001	-0.008	-0.014	-0.022	-0.032	-0.044	-0.044	0.000	0.022	0.018	0.023	0.031	0.030	0.020	0.010	0.009	0.013
0.096	0.121	0.087	0.046	0.017	0.001	-0.008	-0.014	-0.022	-0.032	-0.044	-0.044	0.000	0.022	0.018	0.023	0.031	0.030	0.020	0.010	0.009	0.013
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
-0.210	-0.133	-0.063	-0.068	-0.103	-0.124	-0.130	-0.129	-0.134	-0.143	-0.156	-0.168	-0.157	-0.127	-0.118	-0.108	-0.101	-0.103	-0.114	-0.125	-0.126	-0.120
-0.210	-0.133	-0.063	-0.068	-0.103	-0.124	-0.130	-0.129	-0.134	-0.143	-0.156	-0.168	-0.157	-0.127	-0.118	-0.108	-0.101	-0.103	-0.114	-0.125	-0.126	-0.120
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
-0.430	-0.372	-0.372	-0.402	-0.437	-0.458	-0.467	-0.469	-0.473	-0.480	-0.491	-0.496	-0.470	-0.429	-0.417	-0.403	-0.394	-0.399	-0.413	-0.424	-0.424	-0.419
-0.430	-0.372	-0.372	-0.402	-0.437	-0.458	-0.467	-0.469	-0.473	-0.480	-0.491	-0.496	-0.470	-0.429	-0.417	-0.403	-0.394	-0.399	-0.413	-0.424	-0.424	-0.419
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.439	-0.440	-0.438	-0.399	-0.311	-0.245	-0.264	-0.333	-0.371	-0.517	-0.917	-1.276	-1.279	-0.966	-0.584	-0.335	-0.275	-0.315	-0.361	-0.391	-0.401	-0.392
-0.301	-0.291	-0.256	-0.206	-0.177	-0.165	-0.153	-0.150	-0.258	-0.552	-0.854	-0.957	-0.847	-0.619	-0.370	-0.185	-0.087	-0.031	0.028	0.097	0.158	0.190
0.138	0.149	0.182	0.193	0.134	0.080	0.111	0.183	0.113	-0.035	0.063	0.319	0.432	0.347	0.214	0.150	0.188	0.284	0.389	0.488	0.559	0.582
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.410	-0.338	-0.228	-0.107	-0.052	-0.140	-0.348	-0.534	-0.659	-0.924	-1.266	-1.377	-1.146	-0.722	-0.343	-0.159	-0.165	-0.240	-0.300	-0.336	-0.348	-0.340
-0.285	-0.224	-0.159	-0.112	-0.113	-0.185	-0.313	-0.478	-0.702	-0.883	-0.923	-0.834	-0.647	-0.427	-0.230	-0.108	-0.062	-0.034	0.014	0.082	0.144	0.179
0.125	0.114	0.069	-0.005	-0.061	-0.045	0.035	0.056	-0.043	0.041	0.343	0.543	0.499	0.295	0.113	0.051	0.103	0.206	0.314	0.418	0.492	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
-0.782	-0.808	-0.833	-0.863	-0.798	-0.625	-0.484	-0.406	-0.318	-0.340	-0.732	-1.239	-1.401	-1.174	-0.811	-0.552	-0.481	-0.517	-0.559	-0.583	-0.583	-0.572
-0.604	-0.616	-0.628	-0.655	-0.609	-0.450	-0.285	-0.187	-0.197	-0.398	-0.745	-0.979	-0.974	-0.801	-0.576	-0.401	-0.312	-0.264	-0.217	-0.166	-0.124	-0.099
0.178	0.192	0.205	0.208	0.189	0.175	0.199	0.219	0.121	-0.058	-0.013	0.260	0.427	0.373	0.235	0.151	0.169	0.253	0.342	0.417	0.459	0.473
1000.000	950.000	900.000	850.000	800.000	750.000	710.000	670.000	630.000	600.000	560.000	530.000	500.000	475.000	450.000	425.000	400.000	375.000	355.000	335.000	315.000	300.000
-0.863	-0.813	-0.703	-0.627	-0.639	-0.679	-0.700	-0.690	-0.700	-0.953	-1.452	-1.772	-1.647	-1.218	-0.786	-0.554	-0.539	-0.611	-0.663	-0.683	-0.678	-0.660
-0.803	-0.737	-0.664	-0.638	-0.659	-0.694	-0.734	-0.810	-0.981	-1.214	-1.376	-1.370	-1.207	-0.975	-0.765	-0.649	-0.623	-0.607	-0.564	-0.506	-0.455	-0.412
0.060	0.076	0.039	-0.011	-0.020	-0.015	-0.034	-0.120	-0.281	-0.261	0.076	0.402	0.440	0.243	0.021	-0.095	-0.084	0.004	0.099	0.177	0.223	0.248

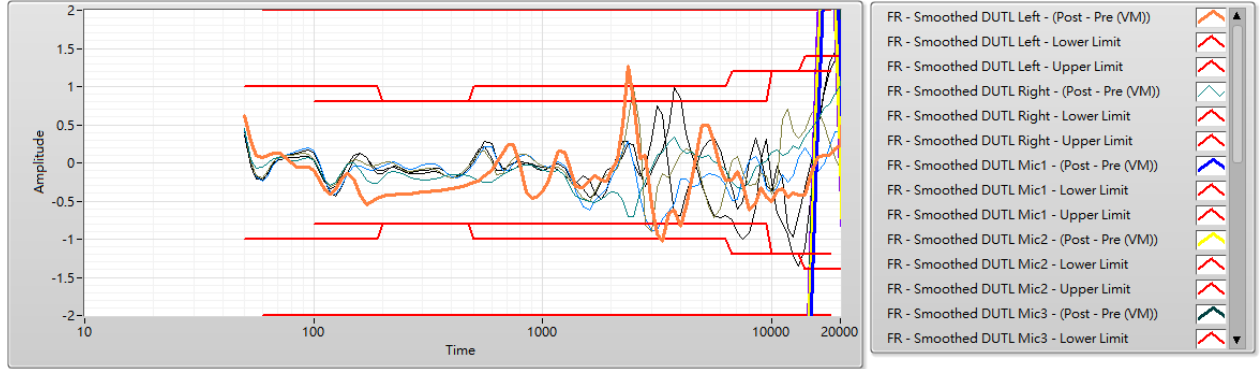
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
0.259	0.122	-0.638	-1.135	-0.526	-0.411	-0.379	-0.353	-0.362	-0.419	-0.489	-0.473	-0.448	-0.451	-0.444	-0.474	-0.484	-0.455	-0.440
0.103	0.118	-0.275	-0.155	-0.035	-0.031	-0.016	0.013	0.030	-0.033	-0.165	-0.231	-0.279	-0.327	-0.340	-0.380	-0.387	-0.361	-0.363
-0.156	-0.004	0.363	0.980	0.491	0.380	0.363	0.366	0.392	0.386	0.324	0.242	0.169	0.124	0.104	0.094	0.097	0.094	0.077
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.221	-0.065	0.071	0.059	0.071	0.107	0.119	0.151	0.133	0.002	-0.186	-0.318	-0.393	-0.444	-0.450	-0.440	-0.459	-0.468	-0.471
-0.148	-0.046	0.095	0.296	0.463	0.521	0.547	0.561	0.525	0.396	0.194	0.028	-0.096	-0.221	-0.337	-0.426	-0.441	-0.413	-0.404
0.073	0.019	0.024	0.237	0.392	0.414	0.428	0.410	0.392	0.394	0.380	0.346	0.297	0.223	0.113	0.014	0.018	0.055	0.067
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
0.063	0.022	-0.038	-0.042	-0.033	-0.022	0.013	0.069	0.111	0.108	0.062	0.011	0.016	0.053	0.066	0.054	0.027	-0.014	-0.058
0.063	0.022	-0.038	-0.042	-0.033	-0.022	0.013	0.069	0.111	0.108	0.062	0.011	0.016	0.053	0.066	0.054	0.027	-0.014	-0.058
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
0.022	0.013	0.010	-0.024	-0.048	-0.027	0.019	0.066	0.072	0.030	-0.026	-0.034	0.014	0.032	0.008	-0.036	-0.084	-0.123	-0.050
0.022	0.013	0.010	-0.024	-0.048	-0.027	0.019	0.066	0.072	0.030	-0.026	-0.034	0.014	0.032	0.008	-0.036	-0.084	-0.123	-0.050
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
-0.188	-0.169	-0.130	-0.104	-0.096	-0.121	-0.148	-0.140	-0.102	-0.068	-0.077	-0.127	-0.153	-0.135	-0.125	-0.126	-0.136	-0.160	-0.204
-0.188	-0.169	-0.130	-0.104	-0.096	-0.121	-0.148	-0.140	-0.102	-0.068	-0.077	-0.127	-0.153	-0.135	-0.125	-0.126	-0.136	-0.160	-0.204
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
-0.397	-0.387	-0.393	-0.411	-0.456	-0.496	-0.494	-0.448	-0.404	-0.418	-0.482	-0.534	-0.516	-0.467	-0.451	-0.464	-0.499	-0.553	-0.541
-0.397	-0.387	-0.393	-0.411	-0.456	-0.496	-0.494	-0.448	-0.404	-0.418	-0.482	-0.534	-0.516	-0.467	-0.451	-0.464	-0.499	-0.553	-0.541
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
0.406	0.563	0.653	0.219	-0.384	-0.813	-0.955	-0.834	-0.574	-0.252	0.065	0.398	0.697	0.467	-0.041	-0.339	-0.444	-0.445	-0.438
1.382	1.007	0.544	0.348	0.044	-0.347	-0.475	-0.297	0.021	0.362	0.628	0.820	0.909	0.586	0.145	-0.132	-0.265	-0.295	-0.301
0.976	0.444	-0.109	0.129	0.428	0.466	0.480	0.537	0.595	0.614	0.563	0.422	0.212	0.119	0.186	0.207	0.179	0.150	0.137
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.086	-0.483	-0.711	-0.534	-0.209	-0.243	-0.433	-0.595	-0.726	-0.816	-0.601	0.183	0.309	-0.290	-0.571	-0.553	-0.464	-0.441	-0.440
-0.071	-0.373	-0.475	-0.161	0.218	0.253	0.150	0.057	-0.022	-0.087	0.140	1.074	1.317	0.467	-0.128	-0.339	-0.376	-0.363	-0.330
0.015	0.110	0.236	0.373	0.427	0.496	0.583	0.652	0.704	0.729	0.741	0.891	1.008	0.757	0.443	0.214	0.088	0.078	0.110
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.150	-0.317	-0.555	-0.447	-0.401	-0.428	-0.401	-0.313	-0.219	-0.194	-0.193	-0.092	-0.000	-0.154	-0.514	-0.674	-0.670	-0.688	-0.740
-0.148	-0.214	-0.169	0.067	0.244	0.307	0.336	0.384	0.448	0.500	0.541	0.563	0.468	0.119	-0.309	-0.475	-0.504	-0.536	-0.577
0.002	0.103	0.386	0.514	0.645	0.735	0.737	0.697	0.667	0.694	0.734	0.655	0.468	0.273	0.205	0.199	0.166	0.152	0.163
3000.000	2800.000	2650.000	2500.000	2360.000	2240.000	2120.000	2000.000	1900.000	1800.000	1700.000	1600.000	1500.000	1400.000	1320.000	1250.000	1180.000	1120.000	1060.000
-0.243	-0.081	0.015	-0.050	-0.262	-0.321	-0.331	-0.385	-0.511	-0.751	-1.032	-0.964	-0.235	0.243	-0.188	-0.644	-0.843	-0.858	-0.857
-0.366	-0.247	-0.054	0.134	0.145	0.168	0.212	0.229	0.180	-0.091	-0.600	-0.780	-0.250	0.105	-0.361	-0.789	-0.936	-0.901	-0.845
-0.123	-0.166	-0.069	0.184	0.407	0.489	0.543	0.614	0.691	0.660	0.432	0.184	-0.015	-0.138	-0.173	-0.145	-0.093	-0.043	0.012

9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
0.461	0.346	0.295	0.270	0.313	0.322	0.249	0.174	0.106	0.088	0.095	0.099	0.086	0.096	0.157	0.215	0.232	0.214	0.302
0.322	0.232	0.169	0.173	0.149	0.058	-0.022	-0.103	-0.150	-0.127	-0.151	-0.149	-0.110	-0.011	0.266	0.287	0.258	0.279	0.164
-0.139	-0.114	-0.126	-0.097	-0.164	-0.264	-0.271	-0.277	-0.256	-0.215	-0.246	-0.248	-0.196	-0.107	0.109	0.072	0.026	0.065	-0.138
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
0.103	0.005	0.123	0.198	0.176	0.103	-0.040	-0.083	-0.010	0.155	0.348	0.407	0.402	0.351	0.236	0.112	-0.011	-0.135	-0.229
0.035	-0.109	-0.062	-0.051	-0.080	-0.133	-0.228	-0.258	-0.203	-0.080	0.092	0.193	0.242	0.258	0.243	0.212	0.141	0.067	-0.072
-0.068	-0.114	-0.185	-0.249	-0.256	-0.236	-0.188	-0.175	-0.193	-0.235	-0.256	-0.214	-0.160	-0.093	0.007	0.100	0.152	0.202	0.157
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
0.224	0.246	0.149	0.012	-0.052	-0.067	-0.048	0.026	0.065	0.069	0.067	0.047	0.021	0.062	0.122	0.103	0.062	0.047	0.058
0.224	0.246	0.149	0.012	-0.052	-0.067	-0.048	0.026	0.065	0.069	0.067	0.047	0.021	0.062	0.122	0.103	0.062	0.047	0.058
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
-0.169	-0.113	-0.027	0.030	0.077	0.083	0.052	0.007	-0.035	-0.070	-0.038	0.077	0.112	0.098	0.065	0.027	-0.006	-0.012	0.014
-0.169	-0.113	-0.027	0.030	0.077	0.083	0.052	0.007	-0.035	-0.070	-0.038	0.077	0.112	0.098	0.065	0.027	-0.006	-0.012	0.014
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
0.000	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
0.031	0.081	0.051	-0.097	-0.228	-0.269	-0.183	-0.049	-0.043	-0.080	-0.112	-0.135	-0.146	-0.119	-0.099	-0.081	-0.091	-0.130	-0.166
0.031	0.081	0.051	-0.097	-0.228	-0.269	-0.183	-0.049	-0.043	-0.080	-0.112	-0.135	-0.146	-0.119	-0.099	-0.081	-0.091	-0.130	-0.166
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
-0.513	-0.414	-0.430	-0.480	-0.520	-0.524	-0.547	-0.575	-0.589	-0.583	-0.548	-0.469	-0.392	-0.395	-0.420	-0.448	-0.473	-0.478	-0.450
-0.513	-0.414	-0.430	-0.480	-0.520	-0.524	-0.547	-0.575	-0.589	-0.583	-0.548	-0.469	-0.392	-0.395	-0.420	-0.448	-0.473	-0.478	-0.450
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
1.218	0.419	-0.255	-0.519	-0.329	0.035	0.178	0.155	0.213	0.301	0.275	0.111	-0.079	-0.151	-0.092	-0.022	0.070	0.176	0.295
0.904	0.031	-0.557	-0.618	-0.352	-0.029	0.088	0.036	0.078	0.184	0.205	0.120	-0.003	-0.068	-0.024	0.094	0.404	0.976	1.338
-0.314	-0.388	-0.302	-0.099	-0.023	-0.064	-0.090	-0.119	-0.135	-0.117	-0.070	0.009	0.076	0.083	0.068	0.116	0.334	0.800	1.043
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
0.586	0.255	0.307	0.625	0.812	0.534	0.015	-0.149	-0.053	0.064	0.157	0.184	0.123	-0.006	-0.230	-0.337	-0.097	0.242	0.264
0.066	-0.364	-0.290	0.112	0.360	0.101	-0.187	-0.155	-0.126	-0.135	-0.082	0.041	0.059	-0.074	-0.223	-0.045	0.366	0.505	0.229
-0.520	-0.619	-0.597	-0.513	-0.452	-0.433	-0.202	-0.006	-0.073	-0.199	-0.239	-0.143	-0.064	-0.068	0.007	0.292	0.463	0.263	-0.035
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
0.568	0.373	0.527	0.940	1.414	1.302	0.772	0.322	0.146	0.158	0.113	-0.003	-0.093	-0.153	-0.270	-0.389	-0.315	-0.243	-0.183
0.860	0.562	0.324	0.476	0.917	0.857	0.340	-0.104	-0.301	-0.340	-0.302	-0.261	-0.261	-0.290	-0.310	-0.194	-0.098	-0.118	-0.128
0.292	0.189	-0.203	-0.464	-0.497	-0.445	-0.432	-0.426	-0.447	-0.498	-0.415	-0.258	-0.168	-0.137	-0.040	0.195	0.217	0.125	0.055
9000.000	8500.000	8000.000	7500.000	7100.000	6700.000	6300.000	6000.000	5600.000	5300.000	5000.000	4750.000	4500.000	4250.000	4000.000	3750.000	3550.000	3350.000	3150.000
-0.002	-0.233	-0.115	-0.106	-0.390	-0.781	-1.018	-1.395	-2.025	-1.663	-0.886	-0.379	-0.253	-0.362	-0.530	-0.661	-0.696	-0.675	-0.491
-0.532	-0.935	-0.890	-0.723	-0.884	-1.208	-1.363	-1.481	-1.732	-1.528	-1.009	-0.604	-0.469	-0.537	-0.695	-0.778	-0.633	-0.537	-0.479
-0.530	-0.702	-0.775	-0.617	-0.494	-0.427	-0.345	-0.086	0.293	0.135	-0.123	-0.225	-0.216	-0.175	-0.165	-0.117	0.063	0.138	0.012

22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-1.781	0.625	0.808	0.581	0.439	0.348	0.244	0.275	0.437	0.488	0.453	0.372	0.332	0.379	0.480	0.538
-7.449	-4.177	0.096	0.242	0.407	0.412	0.422	0.501	0.471	0.503	0.519	0.496	0.465	0.423	0.455	0.414
-5.668	-4.802	-0.712	-0.339	-0.032	0.064	0.178	0.226	0.034	0.015	0.066	0.124	0.133	0.044	-0.025	-0.124
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-1.621	0.110	-0.205	-0.122	-0.030	0.009	0.084	0.084	-0.108	-0.268	-0.374	-0.404	-0.323	-0.153	-0.030	0.116
-7.081	-4.488	-0.975	-0.487	-0.060	0.093	0.253	0.331	0.004	-0.175	-0.150	-0.081	0.028	0.116	0.132	0.154
-5.460	-4.598	-0.770	-0.365	-0.030	0.084	0.169	0.247	0.112	0.093	0.224	0.323	0.351	0.269	0.162	0.038
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
-0.096	-0.176	-0.117	0.057	0.253	0.439	0.564	0.513	0.370	0.306	0.297	0.328	0.311	0.248	0.193	0.172
-0.096	-0.176	-0.117	0.057	0.253	0.439	0.564	0.513	0.370	0.306	0.297	0.328	0.311	0.248	0.193	0.172
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
0.475	0.325	0.599	0.701	0.696	0.614	0.470	0.280	0.140	0.077	0.090	0.174	0.268	0.168	-0.003	-0.122
0.475	0.325	0.599	0.701	0.696	0.614	0.470	0.280	0.140	0.077	0.090	0.174	0.268	0.168	-0.003	-0.122
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
-0.494	-0.137	0.174	0.384	0.512	0.550	0.494	0.413	0.314	0.064	0.032	0.042	-0.005	-0.175	-0.273	-0.122
-0.494	-0.137	0.174	0.384	0.512	0.550	0.494	0.413	0.314	0.064	0.032	0.042	-0.005	-0.175	-0.273	-0.122
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
-0.715	-0.410	-0.317	-0.239	-0.248	-0.298	-0.375	-0.438	-0.478	-0.570	-0.611	-0.565	-0.523	-0.584	-0.652	-0.636
-0.715	-0.410	-0.317	-0.239	-0.248	-0.298	-0.375	-0.438	-0.478	-0.570	-0.611	-0.565	-0.523	-0.584	-0.652	-0.636
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-4.977	-2.635	0.853	1.210	1.147	1.013	0.774	0.614	0.652	0.756	1.036	1.367	1.395	1.441	1.723	1.748
-962.993	-7.156	0.033	0.375	0.465	0.535	0.451	0.224	0.129	0.239	0.558	0.962	1.441	1.948	1.970	1.614
-958.016	-4.521	-0.820	-0.835	-0.682	-0.478	-0.323	-0.390	-0.523	-0.517	-0.478	-0.405	0.046	0.507	0.247	-0.134
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-4.958	-0.374	1.548	0.830	0.033	-0.719	-1.082	-0.723	-0.382	-0.579	-1.057	-1.285	-1.409	-1.529	-0.718	0.413
-950.690	-4.265	1.484	0.792	0.301	-0.043	-0.321	-0.785	-1.500	-2.225	-2.472	-1.753	-1.203	-1.251	-0.704	0.224
-945.732	-3.891	-0.064	-0.038	0.268	0.676	0.761	-0.062	-1.118	-1.646	-1.415	-0.468	0.206	0.278	0.014	-0.189
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-1.680	-0.696	1.119	0.975	0.446	-0.077	-0.588	-0.726	-0.367	-0.225	-0.594	-2.087	-3.786	-2.572	-0.659	0.472
-948.685	-5.463	-1.482	-0.850	-0.462	-0.198	0.097	0.543	1.016	1.033	0.198	-1.701	-3.397	-2.473	-0.658	0.473
-947.005	-4.767	-2.601	-1.825	-0.908	-0.121	0.685	1.269	1.383	1.258	0.792	0.386	0.389	0.099	0.001	0.001
22400.000	21200.000	20000.000	19000.000	18000.000	17000.000	16000.000	15000.000	14000.000	13200.000	12500.000	11800.000	11200.000	10600.000	10000.000	9500.000
-5.303	-0.178	-0.213	0.648	0.686	0.398	0.025	-0.157	-0.217	-0.661	-1.521	-2.359	-1.874	-0.111	0.869	0.673
-961.016	-4.719	-0.834	-0.168	0.090	0.166	0.056	-0.353	-0.910	-1.309	-1.669	-1.792	-1.105	0.060	0.790	0.346
-955.713	-4.541	-0.621	-0.816	-0.596	-0.232	0.031	-0.196	-0.693	-0.648	-0.148	0.567	0.769	0.171	-0.079	-0.327

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
92.48	92.31	92.14	91.95	91.64	91.05	90.06	88.34	85.37	FR - Smoothed DUTL Left - Post-VM
0.00	0.08	0.12	0.12	0.09	0.07	0.10	0.28	0.62	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
95.27	94.89	94.33	93.63	92.84	91.95	90.83	89.21	86.40	FR - Smoothed DUTL Right - Post-VM
0.03	0.06	0.07	0.05	0.00	-0.06	-0.07	0.04	0.45	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
71.29	72.47	74.60	77.01	79.10	80.59	81.39	81.66	81.71	FR - Smoothed DUTL Mic1 - Post-VM
-22.69	-21.51	-19.37	-16.97	-14.88	-13.39	-12.59	-12.32	-12.27	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
71.68	72.82	74.92	77.28	79.35	80.84	81.63	81.90	81.95	FR - Smoothed DUTL Mic2 - Post-VM
-22.30	-21.16	-19.06	-16.70	-14.63	-13.14	-12.35	-12.08	-12.03	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
71.24	72.31	74.56	77.10	79.30	80.86	81.71	82.01	82.08	FR - Smoothed DUTL Mic3 - Post-VM
-22.74	-21.67	-19.42	-16.88	-14.68	-13.12	-12.27	-11.97	-11.90	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
71.37	72.33	74.50	77.02	79.19	80.75	81.58	81.88	81.94	FR - Smoothed DUTL Mic4 - Post-VM
-22.61	-21.65	-19.48	-16.96	-14.78	-13.23	-12.40	-12.10	-12.04	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
83.45	82.69	81.52	79.95	78.28	76.90	75.79	74.51	72.12	FR - Smoothed Self DUTL Mic1 - Post-VM
0.10	0.09	0.08	0.02	-0.10	-0.20	-0.17	0.02	0.45	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
81.46	80.65	79.45	77.95	76.48	75.37	74.40	73.05	70.35	FR - Smoothed Self DUTL Mic2 - Post-VM
0.12	0.10	0.07	-0.03	-0.17	-0.24	-0.18	0.03	0.44	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
83.92	83.20	82.05	80.49	78.80	77.38	76.22	74.91	72.55	FR - Smoothed Self DUTL Mic3 - Post-VM
0.06	0.06	0.05	-0.01	-0.12	-0.22	-0.21	-0.04	0.37	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
82.03	81.29	80.14	78.64	77.12	75.92	74.91	73.59	71.03	FR - Smoothed Self DUTL Mic4 - Post-VM
0.11	0.09	0.07	-0.01	-0.15	-0.23	-0.18	0.01	0.42	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
92.17	91.85	91.63	91.40	91.08	90.65	90.10	89.44	88.78	88.24	87.84	87.52	87.15	86.80	86.90	87.59	88.69	89.81	90.59	91.10	91.49	91.83	92.17	92.49	92.63	92.60
-0.36	-0.37	-0.37	-0.38	-0.39	-0.40	-0.41	-0.41	-0.42	-0.43	-0.44	-0.47	-0.51	-0.56	-0.42	-0.22	-0.14	-0.22	-0.35	-0.41	-0.35	-0.23	-0.10	-0.05	-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
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
90.09	89.64	89.47	89.46	89.45	89.39	89.30	89.19	89.19	89.37	89.62	89.85	90.08	90.45	91.05	91.81	92.62	93.33	93.84	94.22	94.54	94.83	95.11	95.35	95.48	95.45
-0.19	-0.21	-0.22	-0.22	-0.21	-0.19	-0.16	-0.12	-0.11	-0.13	-0.19	-0.26	-0.27	-0.22	-0.10	0.01	-0.02	-0.14	-0.26	-0.29	-0.22	-0.09	0.03	0.07	0.05	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
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
73.53	73.39	73.08	72.68	72.19	71.58	70.83	69.96	69.12	68.50	68.20	68.22	68.49	68.84	69.17	69.43	69.72	70.15	70.61	70.90	70.94	70.90	70.93	70.98	70.98	70.99
-20.44	-20.59	-20.90	-21.30	-21.79	-22.40	-23.15	-24.02	-24.86	-25.47	-25.78	-25.76	-25.49	-25.13	-24.81	-24.55	-24.26	-23.83	-23.37	-23.08	-23.04	-23.08	-23.05	-23.00	-22.99	-22.99
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
73.71	73.58	73.29	72.89	72.37	71.70	70.90	70.01	69.18	68.60	68.34	68.43	68.81	69.26	69.63	69.91	70.24	70.73	71.22	71.52	71.59	71.56	71.60	71.61	71.54	71.45
-20.27	-20.39	-20.69	-21.09	-21.61	-22.27	-23.08	-23.97	-24.80	-25.38	-25.64	-25.55	-25.17	-24.72	-24.35	-24.07	-23.73	-23.25	-22.76	-22.46	-22.39	-22.41	-22.38	-22.36	-22.44	-22.53
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
73.80	73.72	73.49	73.16	72.75	72.22	71.57	70.81	70.05	69.48	69.24	69.33	69.68	70.09	70.45	70.72	70.94	71.22	71.50	71.63	71.52	71.32	71.23	71.24	71.23	71.14
-20.18	-20.25	-20.49	-20.82	-21.23	-21.75	-22.41	-23.17	-23.93	-24.50	-24.74	-24.64	-24.30	-23.89	-23.53	-23.26	-23.03	-22.76	-22.47	-22.35	-22.46	-22.66	-22.75	-22.74	-22.75	-22.84
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
73.76	73.71	73.48	73.14	72.70	72.13	71.42	70.62	69.86	69.33	69.14	69.32	69.77	70.26	70.66	70.96	71.23	71.56	71.86	71.98	71.89	71.72	71.63	71.61	71.53	71.36
-20.22	-20.27	-20.50	-20.84	-21.28	-21.85	-22.56	-23.36	-24.12	-24.64	-24.84	-24.66	-24.21	-23.72	-23.32	-23.02	-22.75	-22.42	-22.12	-21.99	-22.08	-22.26	-22.34	-22.37	-22.45	-22.62
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	82.66	82.71	82.75	82.79	82.80	82.73	82.54	82.31	82.15	82.07	81.94	81.73	81.61	81.72	81.96	82.25	82.56	82.87	83.07	83.19	83.37	83.64	83.89	83.97	83.84
-0.11	-0.08	-0.08	-0.08	-0.10	-0.12	-0.11	-0.06	-0.01	0.01	-0.01	-0.02	-0.04	-0.02	0.02	0.05	-0.02	-0.16	-0.28	-0.31	-0.23	-0.08	0.05	0.11	0.12	0.11
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	81.18	81.23	81.27	81.30	81.30	81.15	80.81	80.37	80.02	79.79	79.53	79.19	78.98	79.04	79.31	79.68	80.13	80.52	80.75	80.93	81.24	81.67	82.00	82.09	81.92
-0.04	-0.01	-0.01	-0.03	-0.06	-0.09	-0.07	-0.02	0.01	-0.01	-0.05	-0.07	-0.09	-0.09	-0.04	-0.04	-0.15	-0.32	-0.41	-0.38	-0.21	0.01	0.15	0.19	0.19	0.15
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
82.41	82.46	82.50	82.54	82.61	82.66	82.62	82.45	82.21	82.01	81.88	81.76	81.66	81.76	82.06	82.41	82.72	83.01	83.31	83.51	83.65	83.85	84.11	84.34	84.42	84.30
-0.12	-0.12	-0.13	-0.14	-0.14	-0.15	-0.13	-0.08	-0.05	-0.06	-0.09	-0.09	-0.03	0.06	0.13	0.10	-0.02	-0.19	-0.31	-0.34	-0.26	-0.11	0.02	0.08	0.09	0.08
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
80.71	80.79	80.83	80.88	80.96	81.00	80.89	80.57	80.12	79.73	79.45	79.21	79.03	79.13	79.48	79.87	80.24	80.65	81.02	81.27	81.47	81.79	82.19	82.50	82.59	82.44
-0.07	-0.07	-0.09	-0.11	-0.12	-0.12	-0.10	-0.05	-0.04	-0.08	-0.14	-0.14	-0.06	0.06	0.12	0.04	-0.15	-0.34	-0.44	-0.40	-0.23	-0.02	0.13	0.17	0.16	0.13

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
88.01	88.25	88.50	88.85	89.54	90.26	90.48	90.02	88.81	86.91	85.95	87.53	89.58	91.05	91.90	92.24	92.31	92.41	92.69	93.10	93.38	93.36	93.09	92.63
-0.31	-0.08	0.14	0.15	-0.02	-0.23	-0.38	-0.45	-0.46	-0.38	-0.02	0.24	0.23	0.13	-0.00	-0.10	-0.17	-0.24	-0.26	-0.28	-0.31	-0.32	-0.34	-0.35
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
91.63	90.56	89.56	89.43	89.95	90.75	91.35	91.53	91.36	91.01	90.78	90.96	91.42	91.83	92.08	92.15	92.10	92.01	92.01	92.11	92.13	91.90	91.42	90.77
-0.43	-0.33	-0.17	-0.09	-0.11	-0.11	-0.09	-0.06	-0.03	-0.02	-0.05	-0.08	-0.11	-0.15	-0.21	-0.26	-0.26	-0.24	-0.20	-0.17	-0.16	-0.16	-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
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
78.07	78.59	78.49	77.49	75.58	73.14	71.21	71.16	72.61	74.42	76.12	77.33	77.91	77.86	77.18	75.72	73.23	69.66	66.81	67.75	69.98	71.74	72.86	73.41
-15.91	-15.39	-15.48	-16.49	-18.40	-20.84	-22.77	-22.82	-21.37	-19.55	-17.86	-16.65	-16.07	-16.12	-16.80	-18.26	-20.75	-24.32	-27.17	-26.23	-24.00	-22.23	-21.12	-20.57
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
77.15	77.04	76.36	74.89	72.72	71.19	72.12	74.03	75.49	76.57	77.54	78.31	78.61	78.33	77.45	75.88	73.41	70.06	67.66	68.53	70.48	72.05	73.06	73.58
-16.83	-16.94	-17.61	-19.08	-21.26	-22.79	-21.86	-19.95	-18.48	-17.41	-16.44	-15.67	-15.37	-15.65	-16.53	-18.10	-20.57	-23.92	-26.32	-25.45	-23.50	-21.93	-20.92	-20.40
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
78.88	79.41	79.23	78.09	76.06	73.75	72.21	71.70	72.19	73.67	75.54	77.00	77.76	77.90	77.44	76.29	74.21	71.04	67.75	67.57	69.73	71.66	72.91	73.58
-15.10	-14.57	-14.75	-15.89	-17.92	-20.23	-21.77	-22.28	-21.79	-20.31	-18.44	-16.98	-16.22	-16.08	-16.54	-17.69	-19.77	-22.94	-26.23	-26.41	-24.25	-22.32	-21.07	-20.40
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
77.57	77.49	76.83	75.25	73.00	71.67	72.50	73.84	74.85	75.80	76.91	77.85	78.29	78.18	77.54	76.31	74.26	71.28	68.36	68.18	70.01	71.74	72.90	73.54
-16.41	-16.48	-17.15	-18.73	-20.98	-22.31	-21.47	-20.14	-19.13	-18.18	-17.07	-16.13	-15.69	-15.80	-16.44	-17.67	-19.72	-22.69	-25.62	-25.80	-23.97	-22.24	-21.08	-20.44
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
71.83	73.63	75.08	76.10	77.11	77.97	78.20	77.62	76.54	75.71	75.52	75.72	76.06	76.41	76.80	77.77	79.42	81.08	82.27	82.89	83.05	82.91	82.69	82.57
-0.34	-0.24	-0.12	-0.06	-0.06	-0.07	-0.04	0.00	0.06	0.11	0.12	0.06	-0.03	-0.14	-0.16	0.01	0.16	0.14	0.05	-0.04	-0.12	-0.18	-0.20	-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
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
71.88	74.08	75.14	75.41	75.54	75.75	75.64	75.05	74.36	73.92	73.68	73.55	73.73	74.41	75.61	77.31	79.10	80.52	81.38	81.72	81.65	81.36	81.10	81.02
-0.36	-0.17	-0.04	0.02	-0.01	-0.05	-0.05	0.00	0.07	0.11	0.08	-0.02	-0.10	-0.10	0.05	0.22	0.22	0.10	-0.02	-0.10	-0.16	-0.20	-0.18	-0.11
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
72.65	73.17	74.35	75.63	76.90	77.92	78.26	77.75	76.67	75.82	75.83	76.46	77.19	77.71	78.00	78.61	79.89	81.34	82.42	82.98	83.06	82.83	82.54	82.39
-0.24	-0.22	-0.16	-0.09	-0.07	-0.07	-0.06	-0.04	-0.02	0.00	0.01	-0.01	-0.05	-0.10	-0.10	0.05	0.21	0.18	0.07	-0.04	-0.11	-0.17	-0.19	-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
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
69.97	72.16	73.94	74.90	75.46	75.86	75.87	75.33	74.58	74.17	74.28	74.67	75.20	75.79	76.58	77.80	79.28	80.57	81.37	81.66	81.51	81.11	80.75	80.63
-0.27	-0.20	-0.08	-0.01	-0.02	-0.07	-0.10	-0.08	-0.02	0.01	-0.03	-0.08	-0.10	-0.06	0.07	0.26	0.28	0.16	0.02	-0.08	-0.14	-0.19	-0.18	-0.12

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
85.59	84.74	83.47	80.85	77.93	76.68	75.50	73.77	72.26	70.35	69.35	68.67	71.95	78.65	82.62	84.47	85.27	85.57	85.75	86.39	87.20	87.74
0.49	0.22	-0.17	-0.58	-0.83	-0.62	-0.66	-1.02	-0.94	-0.55	0.09	0.06	0.83	1.27	0.51	0.04	-0.11	-0.23	-0.22	-0.17	-0.24	-0.32
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
86.78	86.77	86.25	85.46	84.45	83.46	83.12	83.11	82.77	82.37	82.41	82.50	82.77	84.19	86.50	88.31	89.27	89.95	90.69	91.52	92.16	92.20
0.07	0.09	0.15	0.12	0.18	0.34	0.27	0.14	0.10	-0.07	-0.24	-0.39	-0.70	-0.71	-0.49	-0.40	-0.38	-0.42	-0.48	-0.52	-0.51	-0.48
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
82.37	80.53	78.40	78.35	80.62	82.78	84.00	84.26	83.86	83.14	82.04	80.53	80.56	82.77	84.57	85.24	85.04	84.28	83.00	81.06	78.92	77.81
-11.61	-13.44	-15.58	-15.63	-13.35	-11.20	-9.98	-9.72	-10.12	-10.83	-11.94	-13.45	-13.41	-11.21	-9.41	-8.74	-8.94	-9.70	-10.98	-12.92	-15.06	-16.17
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
79.71	79.20	80.18	81.61	82.74	83.09	82.55	81.44	80.75	80.84	80.88	81.10	82.64	84.63	85.78	85.90	85.19	84.08	82.66	80.75	78.65	77.37
-14.27	-14.78	-13.80	-12.37	-11.24	-10.89	-11.43	-12.54	-13.23	-13.14	-13.10	-12.88	-11.34	-9.35	-8.19	-8.08	-8.78	-9.90	-11.32	-13.23	-15.33	-16.61
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
83.99	82.43	80.30	79.29	80.15	81.71	83.02	83.76	83.67	82.66	80.89	79.14	79.28	81.14	82.76	83.59	83.75	83.37	82.56	81.23	79.61	78.64
-9.99	-11.55	-13.68	-14.69	-13.83	-12.27	-10.96	-10.22	-10.31	-11.31	-13.09	-14.84	-14.70	-12.83	-11.22	-10.39	-10.23	-10.60	-11.42	-12.75	-14.37	-15.34
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
81.58	80.42	80.58	81.73	82.74	82.98	82.44	81.33	79.99	78.97	79.48	81.25	82.94	84.07	84.51	84.33	83.73	82.94	82.08	80.89	79.30	77.98
-12.40	-13.55	-13.40	-12.25	-11.24	-11.00	-11.54	-12.65	-13.99	-15.01	-14.50	-12.73	-11.03	-9.91	-9.47	-9.65	-10.25	-11.04	-11.90	-13.09	-14.68	-16.00
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	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
76.24	75.83	74.90	73.35	71.34	68.77	65.61	63.24	62.43	61.60	61.24	62.98	66.09	69.25	71.83	73.78	74.89	75.06	74.49	73.35	71.96	71.10
-0.27	-0.02	0.14	0.19	0.11	-0.05	-0.19	-0.14	-0.32	-0.90	-0.82	0.46	0.99	0.56	0.14	-0.07	-0.13	-0.15	-0.23	-0.38	-0.51	-0.46
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
73.03	71.96	70.83	68.92	65.59	62.48	61.28	60.68	62.35	64.62	65.93	66.39	66.75	68.60	71.16	73.31	74.50	74.42	73.17	70.96	68.82	69.27
-0.20	-0.30	-0.30	-0.21	-0.21	-0.53	-0.63	-0.74	-0.88	-0.88	-0.73	-0.44	-0.00	0.28	0.17	-0.04	-0.21	-0.33	-0.41	-0.50	-0.61	-0.57
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
70.93	71.50	71.60	70.64	68.52	66.76	67.40	68.41	68.18	66.48	64.24	64.47	66.84	69.61	72.11	73.93	74.70	74.42	73.67	73.23	73.19	72.96
-0.30	-0.11	0.09	0.39	0.84	0.99	0.46	0.16	0.04	-0.12	-0.32	-0.13	0.25	0.26	0.08	-0.03	-0.07	-0.10	-0.23	-0.42	-0.45	-0.34
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
69.48	70.15	70.26	69.42	67.54	66.00	65.64	65.69	66.32	66.99	67.14	66.92	67.15	69.03	71.35	73.01	73.63	73.07	71.90	70.93	70.25	69.49
0.16	0.01	-0.17	-0.41	-0.70	-0.67	-0.10	0.63	0.75	0.31	-0.06	-0.17	0.00	0.28	0.28	0.10	-0.13	-0.36	-0.48	-0.39	-0.22	-0.17

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
94.49	93.90	92.45	91.48	91.27	91.18	90.80	89.88	88.62	87.67	87.13	86.73	86.61	86.56	86.51	86.25	86.02	86.02	85.86	86.01	86.21
0.09	0.07	-0.12	-0.42	-0.42	-0.40	-0.45	-0.33	-0.36	-0.51	-0.44	-0.32	-0.52	-0.62	-0.28	-0.11	-0.22	-0.23	-0.07	0.27	0.50
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
95.77	95.07	93.66	92.59	92.00	91.92	91.45	90.38	89.47	88.52	87.74	87.56	87.56	87.16	86.89	86.73	86.80	87.08	87.12	86.92	86.68
0.72	0.57	0.45	0.33	0.19	0.22	0.13	0.09	0.17	0.14	0.03	-0.02	-0.06	-0.25	-0.33	-0.33	-0.25	-0.10	-0.03	0.01	0.10
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
96.45	94.46	92.08	89.86	87.88	86.14	84.44	83.28	82.71	82.00	80.73	80.00	79.70	79.72	80.58	81.53	81.37	80.33	80.68	82.24	82.99
2.47	0.48	-1.89	-4.11	-6.10	-7.84	-9.54	-10.70	-11.27	-11.98	-13.25	-13.98	-14.28	-14.26	-13.39	-12.44	-12.61	-13.65	-13.30	-11.74	-10.99
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
96.97	95.35	92.84	90.54	88.82	87.28	85.30	83.62	82.80	82.56	82.08	80.97	80.37	80.71	80.36	79.48	80.28	81.98	82.83	82.51	81.27
3.00	1.37	-1.14	-3.44	-5.16	-6.70	-8.68	-10.36	-11.18	-11.42	-11.89	-13.00	-13.61	-13.27	-13.62	-14.49	-13.70	-12.00	-11.14	-11.47	-12.71
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
96.65	95.29	93.09	89.64	85.99	84.67	83.63	82.23	80.78	80.40	81.00	81.67	81.61	80.87	80.70	81.18	81.11	80.73	81.62	83.33	84.29
2.67	1.31	-0.89	-4.34	-7.98	-9.30	-10.35	-11.75	-13.20	-13.58	-12.98	-12.31	-12.37	-13.11	-13.28	-12.80	-12.87	-13.25	-12.36	-10.65	-9.69
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
97.17	95.84	93.32	90.47	88.18	86.64	85.49	83.87	82.18	81.59	81.52	81.02	81.27	81.95	81.56	80.18	80.31	82.20	83.53	83.69	82.94
3.19	1.86	-0.66	-3.51	-5.80	-7.33	-8.49	-10.11	-11.80	-12.39	-12.46	-12.96	-12.71	-12.03	-12.42	-13.80	-13.67	-11.78	-10.45	-10.29	-11.04
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
86.45	86.05	85.96	86.17	85.68	83.94	81.12	78.32	76.25	75.33	75.56	76.19	76.89	77.30	77.31	76.91	76.46	76.50	76.63	76.56	76.43
0.49	0.70	0.65	0.42	0.33	0.41	0.70	0.58	-0.24	-0.41	-0.16	-0.14	-0.28	-0.30	-0.12	0.08	0.03	-0.31	-0.61	-0.72	-0.56
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
83.98	83.48	83.02	82.77	81.89	79.91	77.47	75.80	74.61	73.29	72.52	73.57	74.89	75.29	74.70	73.57	72.80	72.83	73.57	74.16	73.92
-0.02	-0.12	0.07	0.20	0.07	-0.17	-0.25	-0.15	-0.32	-0.39	-0.33	-0.05	0.08	0.03	-0.20	-0.48	-0.49	-0.30	-0.20	-0.15	-0.14
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
84.79	83.83	82.05	80.62	79.66	78.40	76.75	75.29	73.76	72.26	71.54	71.57	72.27	72.50	71.93	70.88	70.79	71.07	70.81	70.53	70.50
0.92	0.45	-0.36	-1.11	-1.36	-1.22	-0.95	-0.79	-0.66	-0.26	0.32	0.06	-0.59	-0.92	-1.00	-0.92	-0.75	-0.69	-0.72	-0.70	-0.52
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
82.55	81.87	80.76	80.00	79.29	77.91	76.01	74.33	72.95	71.90	71.75	72.22	72.37	71.56	70.29	70.07	70.28	69.42	67.87	67.55	68.48
0.95	0.47	0.02	-0.33	-0.69	-0.98	-0.86	-0.21	-0.04	-0.36	-0.29	0.09	0.32	0.03	-0.51	-0.61	-0.34	-0.09	0.16	0.33	0.28

22400.00	21200.00	20000.00	19000.00	18000.00
65.40	80.73	89.50	92.62	94.00
68.04	81.84	89.73	92.80	94.11
2.64	1.12	0.23	0.18	0.10
22400.00	21200.00	20000.00	19000.00	18000.00
64.45	83.09	90.53	93.43	94.75
69.20	84.68	91.55	94.33	95.53
4.76	1.59	1.01	0.90	0.77
22400.00	21200.00	20000.00	19000.00	18000.00
93.98	93.98	93.98	93.98	93.98
89.59	92.73	95.39	96.95	97.33
-4.39	-1.25	1.41	2.97	3.35
22400.00	21200.00	20000.00	19000.00	18000.00
93.98	93.98	93.98	93.98	93.98
87.41	91.27	94.10	96.24	97.25
-6.57	-2.71	0.12	2.26	3.27
22400.00	21200.00	20000.00	19000.00	18000.00
93.98	93.98	93.98	93.98	93.98
89.50	93.15	95.70	96.90	97.19
-4.48	-0.83	1.72	2.92	3.22
22400.00	21200.00	20000.00	19000.00	18000.00
93.98	93.98	93.98	93.98	93.98
88.36	91.52	93.84	95.93	97.16
-5.62	-2.46	-0.14	1.95	3.18
22400.00	21200.00	20000.00	19000.00	18000.00
58.36	70.61	80.16	83.96	85.75
60.31	72.14	80.09	84.04	86.03
1.96	1.53	-0.07	0.08	0.27
22400.00	21200.00	20000.00	19000.00	18000.00
50.17	64.57	76.27	80.90	83.29
47.81	65.72	76.70	81.31	83.50
-2.36	1.14	0.43	0.41	0.21
22400.00	21200.00	20000.00	19000.00	18000.00
44.67	69.92	76.77	80.75	83.11
46.95	69.47	77.94	82.09	84.31
2.28	-0.45	1.17	1.35	1.20
22400.00	21200.00	20000.00	19000.00	18000.00
54.31	65.57	74.63	78.34	80.69
57.04	66.51	75.75	79.81	82.00
2.72	0.95	1.12	1.47	1.31