



GS Monthly Verification Report

Product : Apollo Woofer_1180

Overall Result :

PASSED

GS SN : APWG19112501108

VM SN : 18000089APWP22051307099

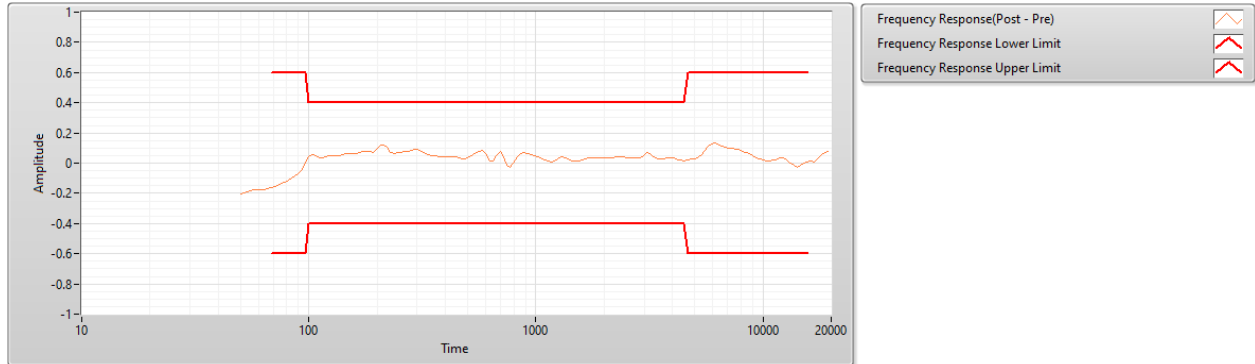


Date : 2022-08-24

GS Monthly Verification Report

PASSED

GS Verification Graphs



GS Verification Summary Data

Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
50.000	0.878	0.675	-0.203
51.760	0.833	0.634	-0.199
53.590	0.784	0.594	-0.190
55.480	0.734	0.552	-0.182
57.440	0.682	0.502	-0.180
59.470	0.627	0.449	-0.178
61.550	0.567	0.391	-0.176
63.720	0.504	0.330	-0.174
65.970	0.436	0.266	-0.170
68.300	0.356	0.193	-0.163
70.710	0.266	0.112	-0.154
73.190	0.176	0.030	-0.146
75.770	0.086	-0.051	-0.137
78.440	-0.000	-0.128	-0.128
81.210	-0.095	-0.210	-0.115
84.080	-0.207	-0.308	-0.101
87.020	-0.323	-0.409	-0.086
90.090	-0.424	-0.492	-0.068
93.270	-0.473	-0.513	-0.040
96.560	-0.469	-0.467	0.002
99.970	-0.459	-0.418	0.041
103.470	-0.474	-0.420	0.054
107.120	-0.531	-0.481	0.050
110.910	-0.527	-0.491	0.036
114.820	-0.437	-0.401	0.036
118.870	-0.342	-0.301	0.041
123.070	-0.331	-0.284	0.047
127.380	-0.348	-0.302	0.046

GS Monthly Verification Report

Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
131.870	-0.281	-0.234	0.047
136.530	-0.172	-0.125	0.047
141.340	-0.111	-0.055	0.056
146.330	-0.099	-0.039	0.060
151.460	-0.043	0.020	0.063
156.800	0.018	0.082	0.064
162.330	0.040	0.106	0.066
168.060	0.048	0.122	0.074
173.990	0.077	0.154	0.077
180.090	0.121	0.201	0.080
186.440	0.175	0.252	0.077
193.020	0.179	0.253	0.074
199.840	0.233	0.329	0.096
206.890	0.302	0.423	0.121
214.130	0.348	0.470	0.122
221.690	0.414	0.516	0.102
229.510	0.383	0.452	0.069
237.610	0.364	0.429	0.065
246.000	0.365	0.433	0.068
254.680	0.374	0.443	0.069
263.600	0.399	0.473	0.074
272.900	0.401	0.480	0.079
282.530	0.405	0.492	0.087
292.500	0.410	0.500	0.090
302.830	0.416	0.504	0.088
313.430	0.427	0.507	0.080
324.490	0.436	0.502	0.066
335.950	0.448	0.505	0.057
347.800	0.459	0.509	0.050
360.080	0.463	0.512	0.049
372.690	0.468	0.513	0.045
385.840	0.471	0.513	0.042
399.460	0.479	0.518	0.039
413.550	0.486	0.525	0.039
428.150	0.493	0.533	0.040
443.140	0.500	0.539	0.039
458.780	0.507	0.541	0.034
474.970	0.510	0.538	0.028
491.730	0.496	0.523	0.027
509.090	0.463	0.508	0.045
527.050	0.432	0.486	0.054
545.510	0.421	0.489	0.068
564.760	0.442	0.522	0.080
584.690	0.472	0.558	0.086
605.330	0.480	0.538	0.058
626.690	0.439	0.455	0.016
648.640	0.377	0.391	0.014
671.530	0.379	0.431	0.052
695.230	0.486	0.567	0.081
719.760	0.621	0.661	0.040
745.160	0.656	0.643	-0.013
771.260	0.591	0.560	-0.031
798.480	0.496	0.495	-0.001
826.660	0.439	0.482	0.043
855.830	0.404	0.470	0.066
886.030	0.372	0.443	0.071
917.070	0.348	0.411	0.063
949.430	0.322	0.378	0.056

GS Monthly Verification Report

Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
982.930	0.284	0.337	0.053
1017.620	0.247	0.292	0.045
1053.530	0.227	0.261	0.034
1090.710	0.235	0.255	0.020
1128.920	0.264	0.277	0.013
1168.760	0.311	0.320	0.009
1210.000	0.363	0.380	0.017
1252.700	0.410	0.441	0.031
1296.910	0.446	0.486	0.040
1342.330	0.470	0.506	0.036
1389.700	0.484	0.509	0.025
1438.750	0.486	0.502	0.016
1489.520	0.481	0.496	0.015
1542.090	0.473	0.490	0.017
1596.100	0.468	0.492	0.024
1652.420	0.469	0.501	0.032
1710.740	0.473	0.509	0.036
1771.110	0.474	0.511	0.037
1833.610	0.464	0.499	0.035
1897.830	0.438	0.471	0.033
1964.810	0.403	0.436	0.033
2034.150	0.362	0.397	0.035
2105.930	0.306	0.340	0.034
2180.250	0.231	0.270	0.039
2257.190	0.177	0.217	0.040
2336.250	0.168	0.208	0.040
2418.700	0.191	0.231	0.040
2504.050	0.207	0.242	0.035
2592.420	0.186	0.223	0.037
2683.910	0.147	0.182	0.035
2777.910	0.098	0.130	0.032
2875.940	0.044	0.080	0.036
2977.430	0.008	0.059	0.051
3082.510	0.012	0.080	0.068
3191.290	0.045	0.107	0.062
3303.060	0.064	0.109	0.045
3419.630	0.046	0.073	0.027
3540.310	-0.002	0.024	0.026
3665.250	-0.046	-0.015	0.031
3794.590	-0.067	-0.033	0.034
3927.500	-0.082	-0.046	0.036
4066.100	-0.111	-0.076	0.035
4209.590	-0.153	-0.129	0.024
4358.150	-0.195	-0.177	0.018
4511.950	-0.213	-0.196	0.017
4671.180	-0.210	-0.187	0.023
4834.780	-0.198	-0.171	0.027
5005.400	-0.131	-0.104	0.027
5182.040	0.018	0.054	0.036
5364.920	0.245	0.302	0.057
5554.250	0.457	0.540	0.083
5748.780	0.563	0.674	0.111
5951.650	0.543	0.673	0.130
6161.690	0.452	0.583	0.131
6379.140	0.348	0.471	0.123
6604.260	0.266	0.379	0.113
6835.570	0.234	0.341	0.107
7076.790	0.267	0.366	0.099

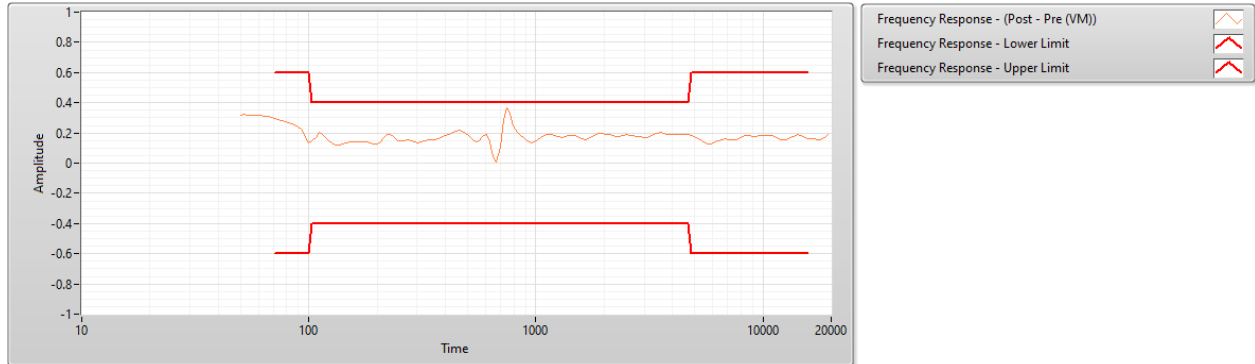
GS Monthly Verification Report

Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
7326.540	0.392	0.491	0.099
7585.090	0.583	0.674	0.091
7852.770	0.680	0.770	0.090
8127.810	0.681	0.758	0.077
8414.640	0.539	0.609	0.070
8711.590	0.416	0.476	0.060
9019.030	0.315	0.366	0.051
9337.310	0.254	0.291	0.037
9666.820	0.198	0.226	0.028
10005.400	0.119	0.138	0.019
10358.490	0.012	0.028	0.016
10724.040	-0.113	-0.101	0.012
11102.500	-0.149	-0.131	0.018
11494.300	-0.092	-0.068	0.024
11896.880	-0.047	-0.009	0.038
12316.730	-0.329	-0.292	0.037
12751.390	-0.830	-0.809	0.021
13201.380	-1.319	-1.322	-0.003
13667.260	-1.342	-1.357	-0.015
14145.950	-1.300	-1.326	-0.026
14645.160	-0.834	-0.849	-0.015
15161.990	-0.296	-0.299	-0.003
15697.060	0.077	0.082	0.005
16251.010	0.355	0.369	0.014
16820.190	0.505	0.514	0.009
17413.780	1.055	1.081	0.026
18028.310	1.608	1.660	0.052
18664.540	1.884	1.956	0.072
19323.210	1.821	1.897	0.076

GS Monthly Verification Report

PASSED

Verification Master Graphs



Verification Master Summary Data

Frequency	Frequency Response - Pre-VM	Frequency Response - Post-VM	Frequency Response - (Post - Pre (VM))
50.00	100.67	100.99	0.32
51.76	100.91	101.23	0.32
53.59	101.14	101.46	0.32
55.48	101.37	101.68	0.32
57.44	101.58	101.90	0.32
59.47	101.78	102.10	0.32
61.55	101.96	102.27	0.31
63.72	102.12	102.43	0.31
65.97	102.25	102.56	0.31
68.30	102.36	102.66	0.30
70.71	102.43	102.73	0.30
73.19	102.50	102.80	0.29
75.77	102.66	102.94	0.28
78.44	102.96	103.23	0.28
81.21	103.33	103.60	0.27
84.08	103.63	103.89	0.26
87.02	103.74	104.00	0.25
90.09	103.75	103.99	0.24
93.27	103.72	103.94	0.22
96.56	103.58	103.75	0.18
99.97	103.14	103.28	0.14
103.47	102.42	102.57	0.15
107.12	101.75	101.92	0.17
110.91	101.28	101.48	0.20
114.82	101.08	101.27	0.19

GS Monthly Verification Report

Frequency	Frequency Response - Pre-VM	Frequency Response - Post-VM	Frequency Response - (Post - Pre (VM))
118.87	100.88	101.04	0.17
123.07	100.57	100.71	0.15
127.38	100.17	100.30	0.13
131.87	99.79	99.91	0.12
136.53	99.41	99.53	0.12
141.34	99.07	99.20	0.13
146.33	98.77	98.91	0.13
151.46	98.47	98.61	0.14
156.80	98.11	98.25	0.14
162.33	97.63	97.78	0.14
168.06	97.10	97.24	0.14
173.99	96.59	96.73	0.14
180.09	96.12	96.26	0.14
186.44	95.64	95.77	0.14
193.02	95.21	95.34	0.13
199.84	94.73	94.86	0.13
206.89	94.29	94.44	0.14
214.13	93.95	94.12	0.17
221.69	93.70	93.89	0.19
229.51	93.50	93.70	0.19
237.61	93.25	93.42	0.17
246.00	92.89	93.03	0.15
254.68	92.51	92.66	0.15
263.60	92.11	92.26	0.15
272.90	91.74	91.89	0.15
282.53	91.38	91.53	0.15
292.50	91.05	91.19	0.14
302.83	90.73	90.87	0.14
313.43	90.41	90.55	0.14
324.49	90.07	90.22	0.15
335.95	89.73	89.89	0.15
347.80	89.38	89.54	0.16
360.08	89.06	89.21	0.16
372.69	88.74	88.90	0.16
385.84	88.45	88.62	0.17
399.46	88.18	88.36	0.18
413.55	87.95	88.14	0.19
428.15	87.76	87.96	0.20
443.14	87.62	87.83	0.21
458.78	87.49	87.71	0.22
474.97	87.31	87.53	0.21
491.73	87.08	87.27	0.20
509.09	86.81	86.98	0.18
527.05	86.58	86.73	0.15
545.51	86.41	86.55	0.14
564.76	86.34	86.49	0.15
584.69	86.41	86.59	0.17
605.33	86.65	86.84	0.19
626.69	86.95	87.10	0.14
648.64	87.14	87.18	0.04
671.53	87.08	87.08	0.00
695.23	86.93	87.04	0.11
719.76	87.04	87.33	0.29
745.16	87.55	87.92	0.37
771.26	88.23	88.56	0.33

GS Monthly Verification Report

Frequency	Frequency Response - Pre-VM	Frequency Response - Post-VM	Frequency Response - (Post - Pre (VM))
798.48	88.82	89.07	0.25
826.66	89.31	89.51	0.20
855.83	89.85	90.04	0.19
886.03	90.47	90.64	0.17
917.07	91.06	91.21	0.15
949.43	91.62	91.76	0.14
982.93	92.12	92.26	0.14
1017.62	92.56	92.71	0.15
1053.53	92.88	93.05	0.17
1090.71	93.10	93.28	0.18
1128.92	93.24	93.43	0.19
1168.76	93.33	93.53	0.19
1210.00	93.39	93.58	0.18
1252.70	93.44	93.62	0.17
1296.91	93.51	93.68	0.17
1342.33	93.60	93.78	0.18
1389.70	93.73	93.91	0.18
1438.75	93.86	94.04	0.19
1489.52	93.95	94.13	0.18
1542.09	93.98	94.15	0.17
1596.10	93.96	94.12	0.16
1652.42	93.90	94.05	0.15
1710.74	93.81	93.98	0.16
1771.11	93.69	93.87	0.18
1833.61	93.51	93.70	0.19
1897.83	93.25	93.44	0.20
1964.81	92.93	93.13	0.20
2034.15	92.73	92.92	0.19
2105.93	92.83	93.01	0.19
2180.25	93.33	93.52	0.18
2257.19	94.09	94.26	0.17
2336.25	94.80	94.97	0.18
2418.70	95.23	95.41	0.18
2504.05	95.32	95.51	0.19
2592.42	95.18	95.37	0.19
2683.91	94.90	95.08	0.18
2777.91	94.58	94.76	0.18
2875.94	94.29	94.47	0.17
2977.43	94.03	94.20	0.17
3082.51	93.75	93.91	0.17
3191.29	93.46	93.64	0.17
3303.06	93.39	93.58	0.19
3419.63	93.59	93.79	0.20
3540.31	94.02	94.22	0.20
3665.25	94.42	94.61	0.19
3794.59	94.57	94.76	0.19
3927.50	94.42	94.61	0.19
4066.10	94.07	94.27	0.19
4209.59	93.69	93.88	0.19
4358.15	93.33	93.52	0.19
4511.95	93.02	93.21	0.19
4671.18	92.83	93.03	0.19
4834.78	92.78	92.96	0.19
5005.40	92.73	92.91	0.18
5182.04	92.61	92.77	0.16

GS Monthly Verification Report

Frequency	Frequency Response - Pre-VM	Frequency Response - Post-VM	Frequency Response - (Post - Pre (VM))
5364.92	92.53	92.68	0.15
5554.25	92.50	92.64	0.14
5748.78	92.35	92.48	0.13
5951.65	91.96	92.09	0.13
6161.69	91.40	91.53	0.14
6379.14	90.65	90.80	0.15
6604.26	89.66	89.82	0.16
6835.57	88.55	88.71	0.16
7076.79	87.31	87.47	0.16
7326.54	86.22	86.38	0.15
7585.09	85.44	85.60	0.15
7852.77	85.15	85.32	0.16
8127.81	85.19	85.37	0.18
8414.64	85.32	85.50	0.18
8711.59	85.22	85.40	0.18
9019.03	85.36	85.54	0.18
9337.31	85.85	86.03	0.18
9666.82	86.61	86.79	0.18
10005.40	87.32	87.51	0.19
10358.49	87.77	87.95	0.19
10724.04	88.21	88.39	0.19
11102.50	88.78	88.96	0.18
11494.30	89.36	89.53	0.17
11896.88	89.56	89.72	0.16
12316.73	89.34	89.49	0.15
12751.39	88.90	89.06	0.16
13201.38	88.61	88.78	0.17
13667.26	88.38	88.56	0.18
14145.95	88.33	88.52	0.19
14645.16	88.27	88.45	0.18
15161.99	87.78	87.96	0.17
15697.06	87.37	87.54	0.16
16251.01	87.14	87.30	0.16
16820.19	87.72	87.88	0.16
17413.78	88.60	88.76	0.16
18028.31	89.20	89.36	0.16
18664.54	89.39	89.56	0.17
19323.21	88.53	88.72	0.19