



GS Monthly Verification Report

Product : Apollo_woofer_1023

Overall Result :

FAILED

GS SN : APWG19112601023

VM SN : 18000089APWP22051307099

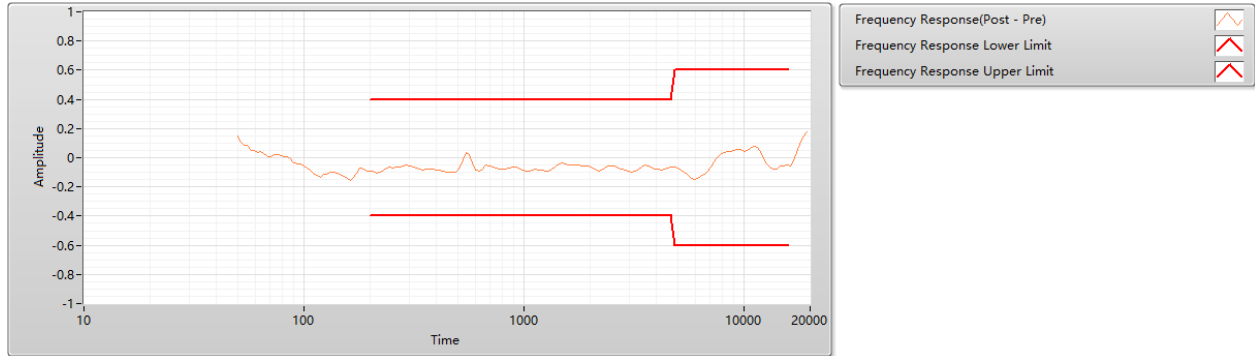


Date : 2022-08-29

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	1.445	1.590	0.145
51.760	1.331	1.440	0.109
53.590	1.274	1.361	0.087
55.480	1.217	1.302	0.085
57.440	1.160	1.209	0.049
59.470	1.087	1.139	0.052
61.550	1.011	1.044	0.033
63.720	0.935	0.976	0.041
65.970	0.853	0.879	0.026
68.300	0.757	0.761	0.004
70.710	0.648	0.653	0.005
73.190	0.529	0.551	0.022
75.770	0.405	0.429	0.024
78.440	0.279	0.295	0.016
81.210	0.135	0.142	0.007
84.080	-0.029	-0.024	0.005
87.020	-0.189	-0.193	-0.004
90.090	-0.326	-0.358	-0.032
93.270	-0.391	-0.433	-0.042
96.560	-0.382	-0.426	-0.044
99.970	-0.366	-0.422	-0.056
103.470	-0.428	-0.496	-0.068
107.120	-0.546	-0.633	-0.087
110.910	-0.591	-0.702	-0.111
114.820	-0.477	-0.599	-0.122
118.870	-0.362	-0.494	-0.132
123.070	-0.372	-0.482	-0.110
127.380	-0.427	-0.539	-0.112

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Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
131.870	-0.379	-0.482	-0.103
136.530	-0.271	-0.369	-0.098
141.340	-0.230	-0.336	-0.106
146.330	-0.241	-0.357	-0.116
151.460	-0.180	-0.311	-0.131
156.800	-0.104	-0.248	-0.144
162.330	-0.077	-0.231	-0.154
168.060	-0.062	-0.195	-0.133
173.990	-0.023	-0.131	-0.108
180.090	0.022	-0.051	-0.073
186.440	0.071	-0.008	-0.079
193.020	0.058	-0.031	-0.089
199.840	0.101	0.010	-0.091
206.890	0.127	0.031	-0.096
214.130	0.121	0.015	-0.106
221.690	0.182	0.084	-0.098
229.510	0.173	0.090	-0.083
237.610	0.188	0.119	-0.069
246.000	0.200	0.139	-0.061
254.680	0.203	0.132	-0.071
263.600	0.232	0.165	-0.067
272.900	0.230	0.166	-0.064
282.530	0.239	0.182	-0.057
292.500	0.249	0.198	-0.051
302.830	0.255	0.201	-0.054
313.430	0.269	0.209	-0.060
324.490	0.274	0.205	-0.069
335.950	0.284	0.208	-0.076
347.800	0.298	0.216	-0.082
360.080	0.304	0.224	-0.080
372.690	0.309	0.228	-0.081
385.840	0.316	0.235	-0.081
399.460	0.325	0.239	-0.086
413.550	0.341	0.253	-0.088
428.150	0.359	0.266	-0.093
443.140	0.374	0.278	-0.096
458.780	0.389	0.291	-0.098
474.970	0.400	0.301	-0.099
491.730	0.401	0.304	-0.097
509.090	0.383	0.304	-0.079
527.050	0.318	0.301	-0.017
545.510	0.250	0.285	0.035
564.760	0.221	0.240	0.019
584.690	0.220	0.182	-0.038
605.330	0.232	0.149	-0.083
626.690	0.269	0.178	-0.091
648.640	0.310	0.231	-0.079
671.530	0.310	0.260	-0.050
695.230	0.312	0.253	-0.059
719.760	0.318	0.253	-0.065
745.160	0.347	0.274	-0.073
771.260	0.379	0.301	-0.078
798.480	0.387	0.308	-0.079
826.660	0.372	0.296	-0.076
855.830	0.354	0.286	-0.068
886.030	0.335	0.271	-0.064
917.070	0.312	0.247	-0.065
949.430	0.281	0.208	-0.073

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Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
982.930	0.242	0.157	-0.085
1017.620	0.199	0.106	-0.093
1053.530	0.160	0.068	-0.092
1090.710	0.141	0.056	-0.085
1128.920	0.152	0.070	-0.082
1168.760	0.196	0.113	-0.083
1210.000	0.259	0.171	-0.088
1252.700	0.323	0.232	-0.091
1296.910	0.376	0.285	-0.091
1342.330	0.410	0.329	-0.081
1389.700	0.429	0.368	-0.061
1438.750	0.435	0.394	-0.041
1489.520	0.434	0.400	-0.034
1542.090	0.431	0.390	-0.041
1596.100	0.419	0.371	-0.048
1652.420	0.404	0.354	-0.050
1710.740	0.389	0.339	-0.050
1771.110	0.373	0.321	-0.052
1833.610	0.350	0.295	-0.055
1897.830	0.317	0.261	-0.056
1964.810	0.267	0.208	-0.059
2034.150	0.210	0.141	-0.069
2105.930	0.184	0.104	-0.080
2180.250	0.170	0.079	-0.091
2257.190	0.151	0.065	-0.086
2336.250	0.128	0.057	-0.071
2418.700	0.114	0.056	-0.058
2504.050	0.124	0.070	-0.054
2592.420	0.121	0.062	-0.059
2683.910	0.089	0.018	-0.071
2777.910	0.033	-0.048	-0.081
2875.940	-0.039	-0.127	-0.088
2977.430	-0.103	-0.192	-0.089
3082.510	-0.161	-0.259	-0.098
3191.290	-0.088	-0.179	-0.091
3303.060	-0.051	-0.133	-0.082
3419.630	0.016	-0.047	-0.063
3540.310	-0.012	-0.064	-0.052
3665.250	-0.033	-0.090	-0.057
3794.590	-0.024	-0.085	-0.061
3927.500	-0.004	-0.080	-0.076
4066.100	-0.015	-0.094	-0.079
4209.590	-0.044	-0.129	-0.085
4358.150	-0.061	-0.139	-0.078
4511.950	-0.031	-0.100	-0.069
4671.180	0.004	-0.057	-0.061
4834.780	-0.004	-0.067	-0.063
5005.400	-0.118	-0.191	-0.073
5182.040	-0.312	-0.397	-0.085
5364.920	-0.568	-0.671	-0.103
5554.250	-0.841	-0.965	-0.124
5748.780	-1.059	-1.200	-0.141
5951.650	-1.154	-1.304	-0.150
6161.690	-1.094	-1.239	-0.145
6379.140	-0.932	-1.061	-0.129
6604.260	-0.727	-0.839	-0.112
6835.570	-0.502	-0.593	-0.091
7076.790	-0.201	-0.266	-0.065

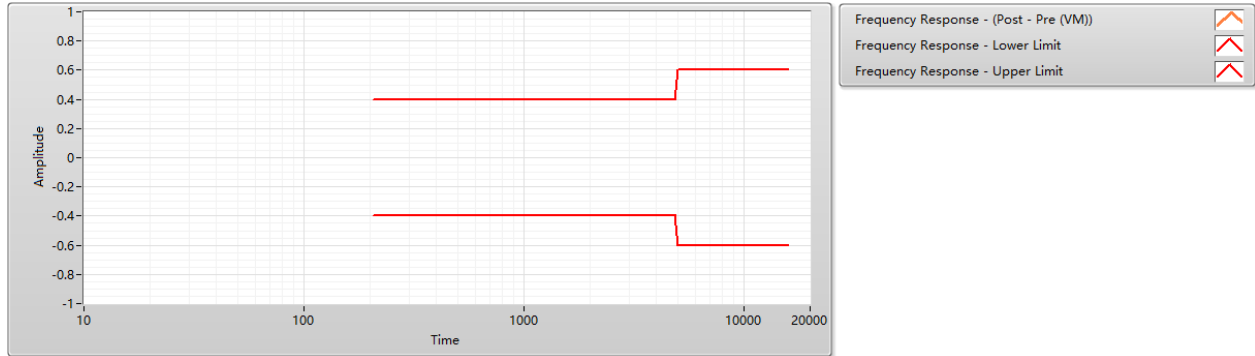
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Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
7326.540	0.186	0.157	-0.029
7585.090	0.556	0.559	0.003
7852.770	0.793	0.823	0.030
8127.810	0.868	0.906	0.038
8414.640	0.838	0.881	0.043
8711.590	0.837	0.882	0.045
9019.030	0.857	0.910	0.053
9337.310	0.844	0.901	0.057
9666.820	0.810	0.863	0.053
10005.400	0.804	0.849	0.045
10358.490	0.919	0.970	0.051
10724.040	1.050	1.116	0.066
11102.500	1.063	1.140	0.077
11494.300	0.854	0.925	0.071
11896.880	0.400	0.443	0.043
12316.730	-0.201	-0.202	-0.001
12751.390	-0.705	-0.747	-0.042
13201.380	-0.974	-1.046	-0.072
13667.260	-0.845	-0.923	-0.078
14145.950	-0.639	-0.718	-0.079
14645.160	-0.323	-0.378	-0.055
15161.990	-0.359	-0.415	-0.056
15697.060	-0.237	-0.285	-0.048
16251.010	-0.184	-0.238	-0.054
16820.190	0.232	0.209	-0.023
17413.780	0.690	0.724	0.034
18028.310	1.127	1.221	0.094
18664.540	1.514	1.661	0.147
19323.210	1.882	2.060	0.178

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FAILED

Verification Master Graphs



Verification Master Summary Data

Frequency	Frequency Response - Pre-VM	Frequency Response - Post-VM	Frequency Response - (Post - Pre (VM))
50.00	91.53	100.53	9.00
51.76	91.78	100.82	9.04
53.59	92.00	101.06	9.06
55.48	92.21	101.28	9.07
57.44	92.42	101.52	9.11
59.47	92.62	101.74	9.12
61.55	92.80	101.96	9.16
63.72	92.95	102.13	9.18
65.97	93.08	102.28	9.20
68.30	93.18	102.41	9.23
70.71	93.24	102.48	9.23
73.19	93.27	102.49	9.22
75.77	93.33	102.56	9.23
78.44	93.51	102.75	9.24
81.21	93.78	103.05	9.27
84.08	93.99	103.30	9.31
87.02	94.05	103.38	9.33
90.09	94.01	103.35	9.34
93.27	93.91	103.24	9.33
96.56	93.70	103.02	9.32
99.97	93.36	102.66	9.30
103.47	92.90	102.15	9.25
107.12	92.43	101.64	9.21
110.91	92.02	101.20	9.18
114.82	91.67	100.85	9.18

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Frequency	Frequency Response - Pre-VM	Frequency Response - Post-VM	Frequency Response - (Post - Pre (VM))
118.87	91.38	100.54	9.17
123.07	91.10	100.24	9.14
127.38	90.84	99.96	9.12
131.87	90.59	99.69	9.10
136.53	90.31	99.40	9.08
141.34	89.97	99.03	9.06
146.33	89.61	98.64	9.02
151.46	89.22	98.20	8.99
156.80	88.81	97.77	8.96
162.33	88.41	97.34	8.93
168.06	88.05	96.93	8.88
173.99	87.75	96.58	8.83
180.09	87.46	96.23	8.78
186.44	87.06	95.80	8.74
193.02	86.67	95.37	8.70
199.84	86.24	94.90	8.66
206.89	85.88	94.51	8.63
214.13	85.58	94.18	8.61
221.69	85.27	93.85	8.58
229.51	85.00	93.55	8.55
237.61	84.74	93.25	8.51
246.00	84.46	92.93	8.47
254.68	84.20	92.64	8.44
263.60	83.89	92.30	8.41
272.90	83.60	91.98	8.38
282.53	83.28	91.63	8.34
292.50	82.97	91.27	8.30
302.83	82.64	90.90	8.26
313.43	82.33	90.55	8.22
324.49	82.00	90.19	8.19
335.95	81.67	89.83	8.16
347.80	81.33	89.46	8.12
360.08	81.01	89.09	8.08
372.69	80.69	88.74	8.05
385.84	80.39	88.41	8.02
399.46	80.11	88.11	8.00
413.55	79.83	87.82	7.99
428.15	79.56	87.53	7.97
443.14	79.30	87.26	7.96
458.78	79.06	87.01	7.95
474.97	78.86	86.80	7.95
491.73	78.68	86.61	7.94
509.09	78.54	86.45	7.90
527.05	78.49	86.32	7.83
545.51	78.50	86.25	7.75
564.76	78.53	86.26	7.74
584.69	78.59	86.37	7.78
605.33	78.72	86.56	7.84
626.69	78.93	86.82	7.89
648.64	79.17	87.09	7.92
671.53	79.45	87.37	7.92
695.23	79.71	87.65	7.94
719.76	79.97	87.94	7.97
745.16	80.25	88.27	8.01
771.26	80.61	88.67	8.07

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Frequency	Frequency Response - Pre-VM	Frequency Response - Post-VM	Frequency Response - (Post - Pre (VM))
798.48	81.02	89.14	8.12
826.66	81.47	89.64	8.17
855.83	81.94	90.16	8.21
886.03	82.42	90.68	8.26
917.07	82.89	91.19	8.31
949.43	83.37	91.72	8.35
982.93	83.83	92.22	8.39
1017.62	84.24	92.66	8.42
1053.53	84.54	92.98	8.44
1090.71	84.74	93.21	8.46
1128.92	84.85	93.33	8.48
1168.76	84.89	93.38	8.50
1210.00	84.87	93.38	8.51
1252.70	84.86	93.38	8.51
1296.91	84.90	93.42	8.52
1342.33	85.00	93.52	8.52
1389.70	85.12	93.63	8.51
1438.75	85.22	93.71	8.49
1489.52	85.26	93.75	8.49
1542.09	85.25	93.75	8.49
1596.10	85.22	93.73	8.51
1652.42	85.18	93.70	8.52
1710.74	85.13	93.65	8.52
1771.11	85.04	93.56	8.52
1833.61	84.88	93.39	8.51
1897.83	84.64	93.13	8.48
1964.81	84.39	92.84	8.45
2034.15	84.27	92.71	8.44
2105.93	84.44	92.89	8.44
2180.25	84.96	93.46	8.50
2257.19	85.67	94.25	8.58
2336.25	86.31	94.96	8.65
2418.70	86.69	95.37	8.68
2504.05	86.75	95.43	8.68
2592.42	86.58	95.24	8.66
2683.91	86.30	94.93	8.63
2777.91	86.00	94.61	8.61
2875.94	85.74	94.32	8.58
2977.43	85.49	94.04	8.56
3082.51	85.21	93.74	8.53
3191.29	84.94	93.45	8.51
3303.06	84.95	93.46	8.51
3419.63	85.21	93.75	8.53
3540.31	85.65	94.22	8.57
3665.25	85.96	94.56	8.60
3794.59	86.00	94.61	8.60
3927.50	85.80	94.38	8.59
4066.10	85.47	94.02	8.55
4209.59	85.12	93.64	8.52
4358.15	84.79	93.29	8.49
4511.95	84.49	92.95	8.46
4671.18	84.32	92.75	8.44
4834.78	84.31	92.75	8.44
5005.40	84.33	92.78	8.44
5182.04	84.30	92.75	8.44

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Frequency	Frequency Response - Pre-VM	Frequency Response - Post-VM	Frequency Response - (Post - Pre (VM))
5364.92	84.30	92.74	8.45
5554.25	84.34	92.79	8.45
5748.78	84.33	92.79	8.46
5951.65	84.05	92.48	8.43
6161.69	83.51	91.89	8.38
6379.14	82.75	91.05	8.30
6604.26	81.75	89.96	8.21
6835.57	80.72	88.82	8.10
7076.79	79.63	87.62	7.99
7326.54	78.71	86.61	7.90
7585.09	77.98	85.81	7.83
7852.77	77.69	85.48	7.80
8127.81	77.66	85.45	7.80
8414.64	77.67	85.46	7.79
8711.59	77.51	85.29	7.78
9019.03	77.55	85.33	7.78
9337.31	77.94	85.75	7.81
9666.82	78.64	86.51	7.88
10005.40	79.25	87.19	7.94
10358.49	79.61	87.58	7.97
10724.04	80.03	88.05	8.02
11102.50	80.56	88.63	8.07
11494.30	81.21	89.34	8.13
11896.88	81.52	89.69	8.17
12316.73	81.37	89.52	8.15
12751.39	80.95	89.05	8.10
13201.38	80.57	88.63	8.05
13667.26	80.25	88.27	8.01
14145.95	80.08	88.08	8.00
14645.16	80.11	88.11	8.00
15161.99	79.80	87.77	7.97
15697.06	79.53	87.48	7.95
16251.01	79.33	87.27	7.94
16820.19	79.78	87.77	7.99
17413.78	80.62	88.70	8.08
18028.31	81.22	89.37	8.15
18664.54	81.41	89.58	8.17
19323.21	80.60	88.68	8.08