



GS Monthly Verification Report

Product : Apollo Woofer_0379

Overall Result :

PASSED

GS SN : APWG19112600379

VM SN : 18000089APWP22051307099

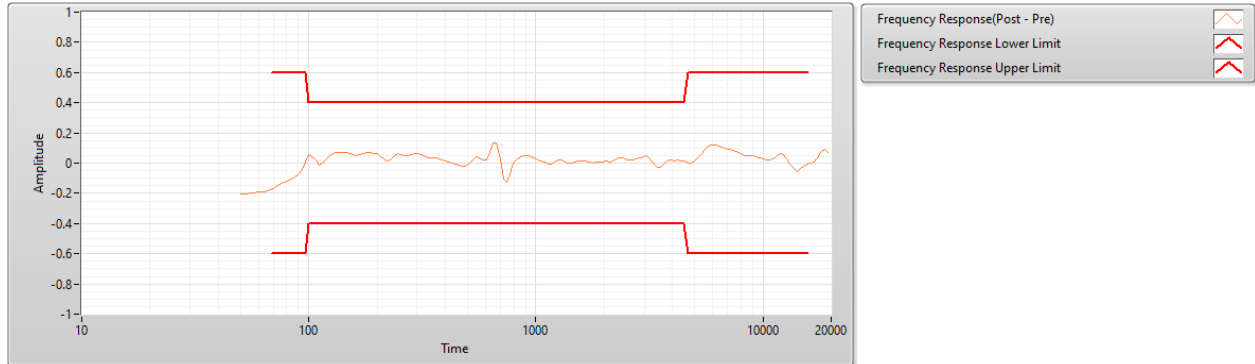


Date : 2022-08-24

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GS Verification Graphs



GS Verification Summary Data

Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
50.000	1.093	0.890	-0.203
51.760	1.053	0.846	-0.207
53.590	1.010	0.808	-0.202
55.480	0.964	0.767	-0.197
57.440	0.914	0.720	-0.194
59.470	0.858	0.665	-0.193
61.550	0.798	0.607	-0.191
63.720	0.734	0.546	-0.188
65.970	0.663	0.481	-0.182
68.300	0.577	0.404	-0.173
70.710	0.478	0.318	-0.160
73.190	0.378	0.230	-0.148
75.770	0.275	0.140	-0.135
78.440	0.172	0.047	-0.125
81.210	0.059	-0.057	-0.116
84.080	-0.072	-0.177	-0.105
87.020	-0.207	-0.298	-0.091
90.090	-0.327	-0.401	-0.074
93.270	-0.389	-0.433	-0.044
96.560	-0.384	-0.378	0.006
99.970	-0.375	-0.322	0.053
103.470	-0.434	-0.391	0.043
107.120	-0.542	-0.523	0.019
110.910	-0.583	-0.595	-0.012
114.820	-0.490	-0.489	0.001
118.870	-0.383	-0.360	0.023
123.070	-0.380	-0.337	0.043
127.380	-0.412	-0.351	0.061

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Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
131.870	-0.353	-0.282	0.071
136.530	-0.252	-0.183	0.069
141.340	-0.213	-0.144	0.069
146.330	-0.218	-0.149	0.069
151.460	-0.161	-0.097	0.064
156.800	-0.089	-0.032	0.057
162.330	-0.065	-0.014	0.051
168.060	-0.056	-0.001	0.055
173.990	-0.023	0.038	0.061
180.090	0.025	0.093	0.068
186.440	0.082	0.150	0.068
193.020	0.088	0.154	0.066
199.840	0.135	0.197	0.062
206.890	0.148	0.192	0.044
214.130	0.112	0.137	0.025
221.690	0.143	0.155	0.012
229.510	0.138	0.162	0.024
237.610	0.194	0.242	0.048
246.000	0.238	0.299	0.061
254.680	0.257	0.316	0.059
263.600	0.272	0.324	0.052
272.900	0.260	0.309	0.049
282.530	0.255	0.312	0.057
292.500	0.255	0.318	0.063
302.830	0.258	0.322	0.064
313.430	0.268	0.326	0.058
324.490	0.278	0.324	0.046
335.950	0.292	0.330	0.038
347.800	0.304	0.337	0.033
360.080	0.310	0.342	0.032
372.690	0.316	0.344	0.028
385.840	0.320	0.341	0.021
399.460	0.326	0.339	0.013
413.550	0.328	0.334	0.006
428.150	0.328	0.329	0.001
443.140	0.329	0.323	-0.006
458.780	0.336	0.324	-0.012
474.970	0.347	0.328	-0.019
491.730	0.346	0.328	-0.018
509.090	0.326	0.326	0.000
527.050	0.300	0.321	0.021
545.510	0.284	0.323	0.039
564.760	0.287	0.324	0.037
584.690	0.289	0.311	0.022
605.330	0.297	0.318	0.021
626.690	0.319	0.390	0.071
648.640	0.355	0.491	0.136
671.530	0.376	0.506	0.130
695.230	0.353	0.378	0.025
719.760	0.292	0.188	-0.104
745.160	0.257	0.128	-0.129
771.260	0.270	0.197	-0.073
798.480	0.312	0.312	0.000
826.660	0.312	0.343	0.031
855.830	0.268	0.310	0.042
886.030	0.232	0.281	0.049
917.070	0.220	0.272	0.052
949.430	0.219	0.263	0.044

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Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
982.930	0.198	0.230	0.032
1017.620	0.174	0.193	0.019
1053.530	0.162	0.174	0.012
1090.710	0.166	0.170	0.004
1128.920	0.183	0.179	-0.004
1168.760	0.212	0.207	-0.005
1210.000	0.244	0.249	0.005
1252.700	0.268	0.286	0.018
1296.910	0.283	0.302	0.019
1342.330	0.291	0.301	0.010
1389.700	0.294	0.295	0.001
1438.750	0.291	0.291	0.000
1489.520	0.285	0.294	0.009
1542.090	0.282	0.297	0.015
1596.100	0.283	0.299	0.016
1652.420	0.282	0.293	0.011
1710.740	0.277	0.282	0.005
1771.110	0.265	0.267	0.002
1833.610	0.248	0.252	0.004
1897.830	0.224	0.233	0.009
1964.810	0.195	0.205	0.010
2034.150	0.156	0.168	0.012
2105.930	0.116	0.126	0.010
2180.250	0.088	0.105	0.017
2257.190	0.076	0.101	0.025
2336.250	0.065	0.099	0.034
2418.700	0.044	0.077	0.033
2504.050	0.016	0.040	0.024
2592.420	-0.008	0.012	0.020
2683.910	-0.031	-0.011	0.020
2777.910	-0.063	-0.037	0.026
2875.940	-0.101	-0.068	0.033
2977.430	-0.145	-0.105	0.040
3082.510	-0.220	-0.174	0.046
3191.290	-0.254	-0.224	0.030
3303.060	-0.291	-0.289	0.002
3419.630	-0.279	-0.306	-0.027
3540.310	-0.282	-0.308	-0.026
3665.250	-0.285	-0.290	-0.005
3794.590	-0.269	-0.256	0.013
3927.500	-0.254	-0.234	0.020
4066.100	-0.264	-0.248	0.016
4209.590	-0.322	-0.303	0.019
4358.150	-0.414	-0.400	0.014
4511.950	-0.492	-0.480	0.012
4671.180	-0.509	-0.508	0.001
4834.780	-0.493	-0.490	0.003
5005.400	-0.441	-0.427	0.014
5182.040	-0.320	-0.285	0.035
5364.920	-0.099	-0.037	0.062
5554.250	0.192	0.282	0.090
5748.780	0.434	0.546	0.112
5951.650	0.541	0.663	0.122
6161.690	0.522	0.641	0.119
6379.140	0.433	0.544	0.111
6604.260	0.338	0.441	0.103
6835.570	0.276	0.374	0.098
7076.790	0.282	0.374	0.092

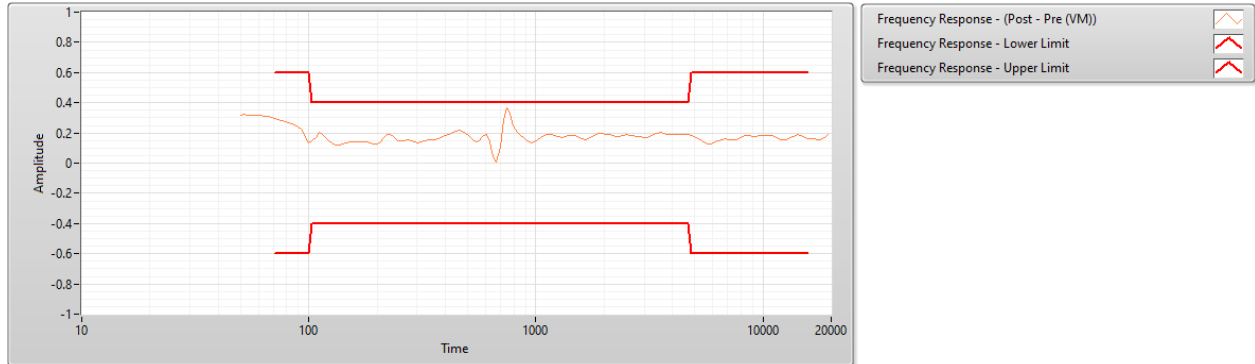
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Frequency	Frequency Response(Pre-Delta)	Frequency Response(Post-Delta)	Frequency Response(Post - Pre)
7326.540	0.433	0.521	0.088
7585.090	0.672	0.753	0.081
7852.770	0.838	0.906	0.068
8127.810	0.863	0.921	0.058
8414.640	0.738	0.785	0.047
8711.590	0.621	0.670	0.049
9019.030	0.482	0.529	0.047
9337.310	0.308	0.351	0.043
9666.820	0.138	0.171	0.033
10005.400	0.031	0.056	0.025
10358.490	0.047	0.066	0.019
10724.040	0.117	0.136	0.019
11102.500	0.202	0.232	0.030
11494.300	0.270	0.314	0.044
11896.880	0.157	0.217	0.060
12316.730	-0.215	-0.161	0.054
12751.390	-0.675	-0.648	0.027
13201.380	-0.933	-0.941	-0.008
13667.260	-0.770	-0.803	-0.033
14145.950	-0.690	-0.744	-0.054
14645.160	-0.494	-0.528	-0.034
15161.990	-0.550	-0.573	-0.023
15697.060	-0.349	-0.355	-0.006
16251.010	-0.205	-0.208	-0.003
16820.190	0.142	0.147	0.005
17413.780	0.645	0.683	0.038
18028.310	1.242	1.312	0.070
18664.540	1.816	1.904	0.088
19323.210	2.228	2.299	0.071

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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

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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

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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

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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