

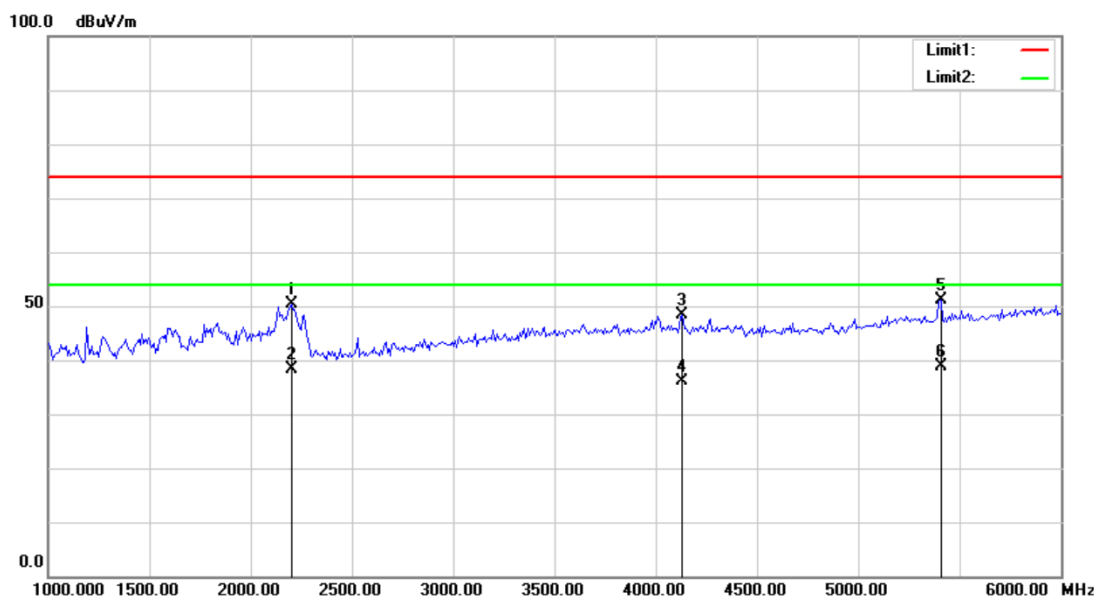
Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 14 June 2022

FCC ID: 2AWLG-MEB11V6 (Configuration 1, Figure 24, Class B device)  
Frequency span: 1,000 MHz to 6,000 MHz  
RBW: 1.0 MHz, distance: 3 m  
Peak-to-average correction: -12.00 dB  
No. of sample points: 5,000  
Cumulative S level:  $3.106 \times 10^{-8}$  W/m<sup>2</sup>  
Device radiated power: 0.0021 mW

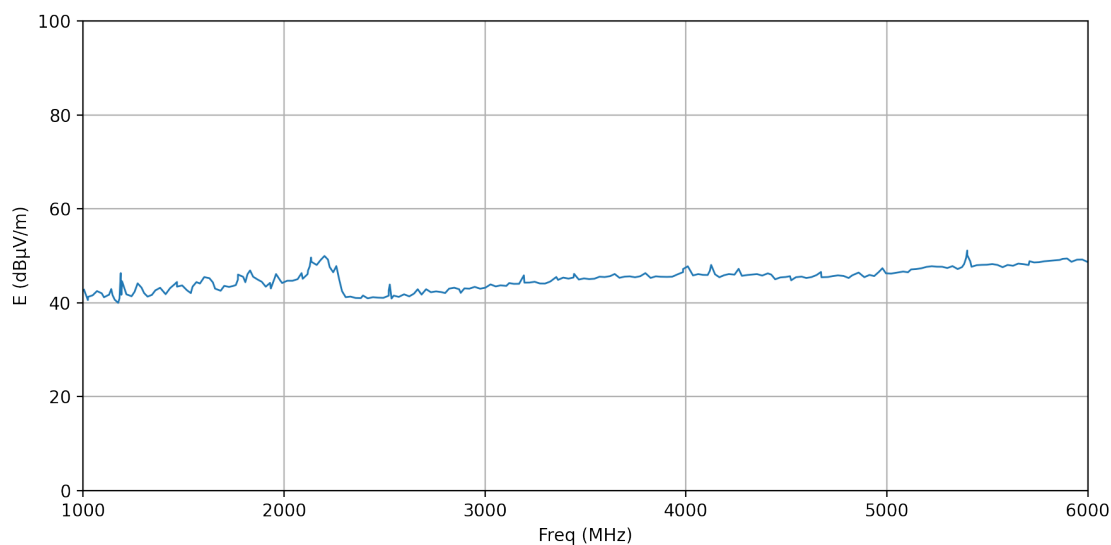
## EMC test spectral plot

**Condition:** FCC Part 15B Class B Peak  
**Test Mode:** Operating(Battery 1#)

**Polarization:** Vertical  
**Power:** AC 120V/60Hz  
**Distance:** 3 m



## Plot of extracted data from EMC test spectral plot



*Table of extracted data from EMC test spectral plot*

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
1004	42.78	3.078E+01	3.171E-12
1023	40.57	2.857E+01	1.909E-12
1024	41.26	2.926E+01	2.236E-12
1047	41.58	2.958E+01	2.409E-12
1069	42.49	3.049E+01	2.966E-12
1092	42.01	3.001E+01	2.657E-12
1103	41.17	2.917E+01	2.191E-12
1129	41.72	2.972E+01	2.485E-12
1140	42.92	3.092E+01	3.276E-12
1146	41.62	2.962E+01	2.432E-12
1157	40.65	2.865E+01	1.944E-12
1174	39.97	2.797E+01	1.663E-12
1181	40.89	2.889E+01	2.056E-12
1187	46.32	3.432E+01	7.165E-12
1188	43.00	3.100E+01	3.338E-12
1190	41.70	2.970E+01	2.477E-12
1193	44.58	3.258E+01	4.800E-12
1215	41.80	2.980E+01	2.532E-12
1241	41.38	2.938E+01	2.299E-12
1256	42.35	3.035E+01	2.875E-12
1271	44.13	3.213E+01	4.332E-12
1290	43.21	3.121E+01	3.508E-12
1303	42.05	3.005E+01	2.686E-12
1320	41.31	2.931E+01	2.261E-12
1342	41.68	2.968E+01	2.462E-12
1359	42.64	3.064E+01	3.075E-12
1383	43.19	3.119E+01	3.486E-12
1410	41.82	2.982E+01	2.544E-12
1432	43.11	3.111E+01	3.426E-12
1454	43.90	3.190E+01	4.110E-12
1467	44.43	3.243E+01	4.639E-12
1467	43.43	3.143E+01	3.686E-12
1493	43.69	3.169E+01	3.910E-12
1516	42.66	3.066E+01	3.088E-12
1536	42.05	3.005E+01	2.686E-12
1544	43.43	3.143E+01	3.686E-12
1564	44.40	3.240E+01	4.615E-12
1581	44.09	3.209E+01	4.292E-12
1602	45.47	3.347E+01	5.901E-12
1628	45.22	3.322E+01	5.571E-12
1646	44.33	3.233E+01	4.539E-12
1656	43.01	3.101E+01	3.345E-12
1684	42.55	3.055E+01	3.013E-12
1702	43.59	3.159E+01	3.828E-12
1726	43.37	3.137E+01	3.636E-12
1746	43.56	3.156E+01	3.803E-12

1760	43.77	3.177E+01	3.984E-12
1770	44.93	3.293E+01	5.208E-12
1770	46.01	3.401E+01	6.671E-12
1796	45.52	3.352E+01	5.965E-12
1807	44.37	3.237E+01	4.581E-12
1818	46.07	3.407E+01	6.775E-12
1831	46.88	3.488E+01	8.163E-12
1846	45.54	3.354E+01	5.991E-12
1869	44.91	3.291E+01	5.187E-12
1889	44.47	3.247E+01	4.682E-12
1909	43.42	3.142E+01	3.677E-12
1930	44.23	3.223E+01	4.432E-12
1934	43.04	3.104E+01	3.369E-12
1953	45.30	3.330E+01	5.676E-12
1960	46.11	3.411E+01	6.839E-12
1981	44.71	3.271E+01	4.947E-12
1990	44.20	3.220E+01	4.407E-12
2016	44.69	3.269E+01	4.926E-12
2042	44.68	3.268E+01	4.921E-12
2067	45.02	3.302E+01	5.321E-12
2087	46.32	3.432E+01	7.165E-12
2093	45.10	3.310E+01	5.416E-12
2117	46.10	3.410E+01	6.818E-12
2119	46.88	3.488E+01	8.163E-12
2128	47.77	3.577E+01	1.002E-11
2134	49.63	3.763E+01	1.538E-11
2136	48.73	3.673E+01	1.249E-11
2162	48.04	3.604E+01	1.066E-11
2182	49.09	3.709E+01	1.358E-11
2201	49.96	3.796E+01	1.659E-11
2218	49.19	3.719E+01	1.388E-11
2227	47.61	3.561E+01	9.653E-12
2244	46.49	3.449E+01	7.457E-12
2260	47.80	3.580E+01	1.009E-11
2270	45.83	3.383E+01	6.407E-12
2275	44.83	3.283E+01	5.092E-12
2281	43.81	3.181E+01	4.021E-12
2288	42.46	3.046E+01	2.951E-12
2306	41.19	2.919E+01	2.199E-12
2330	41.31	2.931E+01	2.264E-12
2356	41.02	2.902E+01	2.114E-12
2382	40.99	2.899E+01	2.103E-12
2393	41.54	2.954E+01	2.387E-12
2416	40.93	2.893E+01	2.075E-12
2442	41.18	2.918E+01	2.196E-12
2467	41.09	2.909E+01	2.150E-12
2494	41.04	2.904E+01	2.128E-12
2521	41.50	2.950E+01	2.365E-12
2521	42.64	3.064E+01	3.075E-12

2526	43.89	3.189E+01	4.097E-12
2535	40.89	2.889E+01	2.056E-12
2545	41.51	2.951E+01	2.372E-12
2571	41.25	2.925E+01	2.232E-12
2597	41.80	2.980E+01	2.532E-12
2623	41.35	2.935E+01	2.285E-12
2647	41.95	2.995E+01	2.620E-12
2665	42.88	3.088E+01	3.246E-12
2684	41.74	2.974E+01	2.499E-12
2707	42.88	3.088E+01	3.252E-12
2731	42.24	3.024E+01	2.805E-12
2756	42.42	3.042E+01	2.920E-12
2782	42.27	3.027E+01	2.822E-12
2802	42.07	3.007E+01	2.694E-12
2821	43.00	3.100E+01	3.338E-12
2847	43.20	3.120E+01	3.497E-12
2871	42.87	3.087E+01	3.240E-12
2879	42.11	3.011E+01	2.719E-12
2897	43.06	3.106E+01	3.385E-12
2922	43.00	3.100E+01	3.338E-12
2949	43.39	3.139E+01	3.650E-12
2976	42.98	3.098E+01	3.327E-12
3002	43.21	3.121E+01	3.506E-12
3028	43.91	3.191E+01	4.118E-12
3053	43.47	3.147E+01	3.721E-12
3077	43.71	3.171E+01	3.929E-12
3106	43.59	3.159E+01	3.823E-12
3120	44.18	3.218E+01	4.387E-12
3144	44.02	3.202E+01	4.226E-12
3170	44.04	3.204E+01	4.239E-12
3193	45.83	3.383E+01	6.407E-12
3196	44.28	3.228E+01	4.489E-12
3221	44.30	3.230E+01	4.504E-12
3247	44.47	3.247E+01	4.682E-12
3273	44.10	3.210E+01	4.306E-12
3299	44.09	3.209E+01	4.292E-12
3325	44.52	3.252E+01	4.733E-12
3355	45.49	3.349E+01	5.919E-12
3363	44.87	3.287E+01	5.135E-12
3389	45.36	3.336E+01	5.747E-12
3416	45.13	3.313E+01	5.458E-12
3441	45.38	3.338E+01	5.772E-12
3443	46.15	3.415E+01	6.903E-12
3467	44.94	3.294E+01	5.220E-12
3493	45.18	3.318E+01	5.520E-12
3518	45.03	3.303E+01	5.334E-12
3544	45.12	3.312E+01	5.435E-12
3570	45.55	3.355E+01	6.002E-12
3596	45.47	3.347E+01	5.903E-12

## Calculate device radiated power from EMC test data

3622	45.65	3.365E+01	6.153E-12
3645	46.12	3.412E+01	6.851E-12
3669	45.32	3.332E+01	5.694E-12
3695	45.56	3.356E+01	6.021E-12
3721	45.61	3.361E+01	6.096E-12
3747	45.43	3.343E+01	5.837E-12
3772	45.64	3.364E+01	6.127E-12
3798	46.31	3.431E+01	7.154E-12
3824	45.29	3.329E+01	5.659E-12
3850	45.62	3.362E+01	6.106E-12
3874	45.54	3.354E+01	5.991E-12
3906	45.51	3.351E+01	5.947E-12
3932	45.55	3.355E+01	6.002E-12
3958	46.03	3.403E+01	6.712E-12
3986	46.52	3.452E+01	7.506E-12
3986	47.17	3.517E+01	8.722E-12
4009	47.76	3.576E+01	9.996E-12
4028	46.40	3.440E+01	7.300E-12
4035	45.82	3.382E+01	6.392E-12
4061	46.10	3.410E+01	6.818E-12
4085	45.94	3.394E+01	6.568E-12
4108	45.91	3.391E+01	6.527E-12
4119	46.80	3.480E+01	8.012E-12
4126	48.06	3.606E+01	1.069E-11
4145	46.05	3.405E+01	6.744E-12
4166	45.43	3.343E+01	5.837E-12
4190	45.86	3.386E+01	6.455E-12
4214	46.11	3.411E+01	6.826E-12
4242	45.98	3.398E+01	6.636E-12
4262	47.23	3.523E+01	8.836E-12
4278	45.74	3.374E+01	6.274E-12
4306	45.91	3.391E+01	6.527E-12
4354	46.10	3.410E+01	6.818E-12
4380	45.79	3.379E+01	6.348E-12
4408	46.25	3.425E+01	7.065E-12
4425	45.99	3.399E+01	6.650E-12
4444	44.99	3.299E+01	5.285E-12
4470	45.39	3.339E+01	5.794E-12
4496	45.48	3.348E+01	5.910E-12
4518	45.65	3.365E+01	6.142E-12
4524	44.78	3.278E+01	5.029E-12
4547	45.44	3.344E+01	5.855E-12
4575	45.57	3.357E+01	6.031E-12
4599	45.28	3.328E+01	5.641E-12
4625	45.47	3.347E+01	5.892E-12
4651	45.91	3.391E+01	6.527E-12
4672	46.56	3.456E+01	7.577E-12
4675	45.43	3.343E+01	5.837E-12
4707	45.48	3.348E+01	5.910E-12

4730	45.67	3.367E+01	6.173E-12
4756	45.83	3.383E+01	6.407E-12
4784	45.71	3.371E+01	6.230E-12
4810	45.28	3.328E+01	5.641E-12
4827	45.83	3.383E+01	6.407E-12
4860	46.43	3.443E+01	7.354E-12
4888	45.44	3.344E+01	5.859E-12
4913	45.92	3.392E+01	6.548E-12
4937	45.68	3.368E+01	6.196E-12
4961	46.59	3.459E+01	7.624E-12
4978	47.35	3.535E+01	9.100E-12
4995	46.27	3.427E+01	7.098E-12
5021	46.21	3.421E+01	6.989E-12
5081	46.64	3.464E+01	7.719E-12
5105	46.49	3.449E+01	7.454E-12
5121	47.09	3.509E+01	8.568E-12
5146	47.18	3.518E+01	8.735E-12
5172	47.34	3.534E+01	9.072E-12
5198	47.64	3.564E+01	9.713E-12
5223	47.77	3.577E+01	1.002E-11
5249	47.68	3.568E+01	9.804E-12
5275	47.66	3.566E+01	9.774E-12
5301	47.39	3.539E+01	9.185E-12
5327	47.80	3.580E+01	1.008E-11
5353	47.18	3.518E+01	8.740E-12
5374	47.59	3.559E+01	9.608E-12
5385	48.26	3.626E+01	1.120E-11
5395	49.61	3.761E+01	1.528E-11
5400	51.13	3.913E+01	2.171E-11
5400	50.15	3.815E+01	1.733E-11
5415	48.82	3.682E+01	1.277E-11
5422	47.66	3.566E+01	9.774E-12
5447	48.00	3.600E+01	1.056E-11
5473	48.07	3.607E+01	1.073E-11
5498	48.10	3.610E+01	1.079E-11
5525	48.23	3.623E+01	1.114E-11
5551	48.06	3.606E+01	1.069E-11
5577	47.57	3.557E+01	9.564E-12
5601	48.05	3.605E+01	1.067E-11
5628	47.88	3.588E+01	1.027E-11
5654	48.34	3.634E+01	1.142E-11
5680	48.22	3.622E+01	1.110E-11
5706	48.03	3.603E+01	1.065E-11
5710	48.84	3.684E+01	1.283E-11
5733	48.58	3.658E+01	1.207E-11
5757	48.64	3.664E+01	1.222E-11
5783	48.82	3.682E+01	1.277E-11
5810	48.94	3.694E+01	1.310E-11
5835	49.03	3.703E+01	1.337E-11

## Calculate device radiated power from EMC test data

5860	49.12	3.712E+01	1.365E-11
5876	49.35	3.735E+01	1.441E-11
5897	49.42	3.742E+01	1.465E-11
5919	48.72	3.672E+01	1.247E-11
5947	49.17	3.717E+01	1.384E-11
5973	49.20	3.720E+01	1.393E-11
5996	48.74	3.674E+01	1.253E-11