

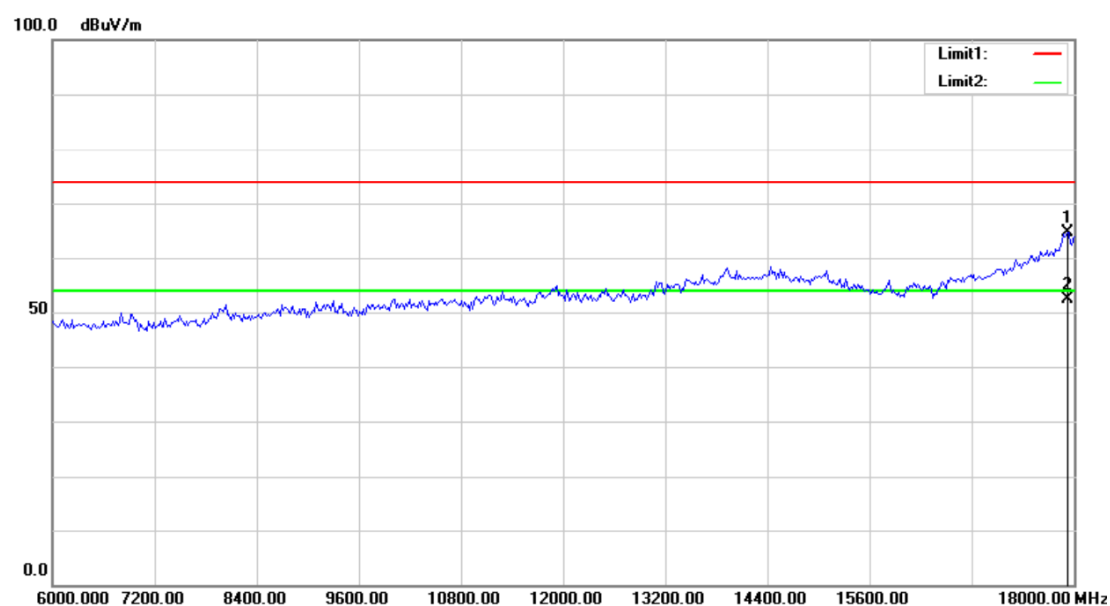
Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 14 June 2022

FCC ID: 2AWLG-MEB11V6 (Configuration 1, Figure 26, Class B device)
Frequency span: 6,000 MHz to 18,000 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: -12.20 dB
No. of sample points: 12,000
Cumulative S level: 5.524×10^{-7} W/m²
Device radiated power: 0.0381 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

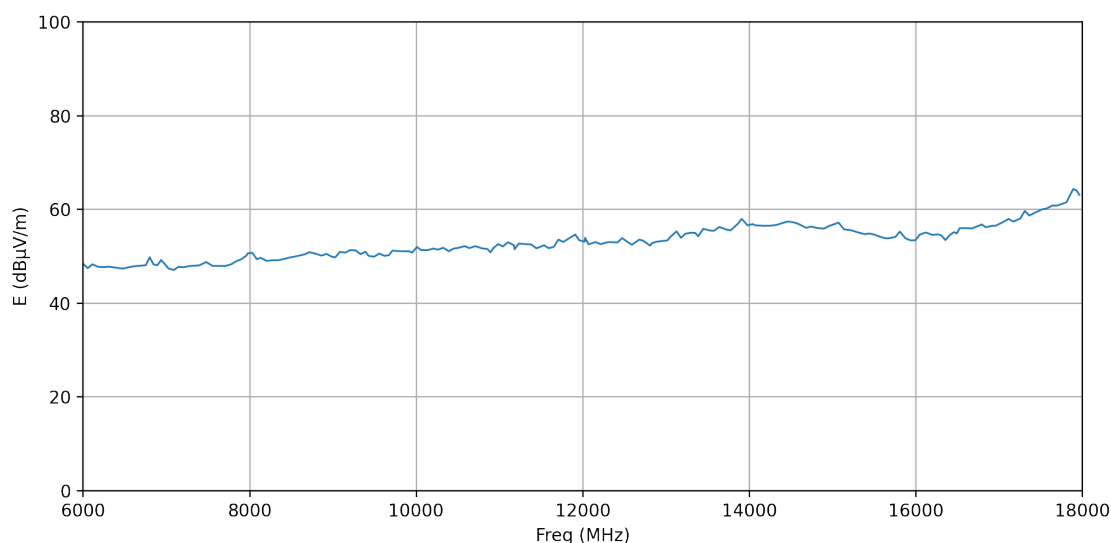


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
6003	48.35	3.615E+01	1.093E-11
6054	47.46	3.526E+01	8.907E-12
6110	48.30	3.610E+01	1.080E-11
6178	47.76	3.556E+01	9.551E-12
6246	47.70	3.550E+01	9.418E-12
6313	47.78	3.558E+01	9.596E-12
6411	47.54	3.534E+01	9.074E-12
6473	47.38	3.518E+01	8.742E-12
6602	47.87	3.567E+01	9.776E-12
6688	48.00	3.580E+01	1.008E-11
6752	48.11	3.591E+01	1.034E-11
6799	49.81	3.761E+01	1.529E-11
6845	48.27	3.607E+01	1.073E-11
6892	48.11	3.591E+01	1.034E-11
6936	49.22	3.702E+01	1.336E-11
6985	48.27	3.607E+01	1.073E-11
7023	47.43	3.523E+01	8.851E-12
7088	47.08	3.488E+01	8.165E-12
7145	47.76	3.556E+01	9.551E-12
7207	47.66	3.546E+01	9.331E-12
7268	47.91	3.571E+01	9.886E-12
7342	48.01	3.581E+01	1.011E-11
7395	48.08	3.588E+01	1.027E-11
7477	48.78	3.658E+01	1.207E-11
7553	47.97	3.577E+01	1.001E-11
7706	47.93	3.573E+01	9.923E-12
7781	48.33	3.613E+01	1.088E-11
7838	48.96	3.676E+01	1.257E-11
7897	49.36	3.716E+01	1.380E-11
7962	50.17	3.797E+01	1.662E-11
7974	50.62	3.842E+01	1.842E-11
8032	50.75	3.855E+01	1.900E-11
8086	49.38	3.718E+01	1.386E-11
8132	49.69	3.749E+01	1.487E-11
8205	49.03	3.683E+01	1.278E-11
8272	49.16	3.696E+01	1.317E-11
8342	49.16	3.696E+01	1.317E-11
8406	49.42	3.722E+01	1.399E-11
8471	49.71	3.751E+01	1.494E-11
8604	50.18	3.798E+01	1.668E-11
8665	50.45	3.825E+01	1.774E-11
8718	50.89	3.869E+01	1.960E-11
8794	50.56	3.836E+01	1.816E-11
8861	50.15	3.795E+01	1.655E-11
8924	50.52	3.832E+01	1.801E-11
8976	50.00	3.780E+01	1.597E-11

Calculate device radiated power from EMC test data

9026	49.77	3.757E+01	1.515E-11
9083	50.94	3.874E+01	1.984E-11
9149	50.79	3.859E+01	1.919E-11
9207	51.32	3.912E+01	2.168E-11
9269	51.28	3.908E+01	2.148E-11
9333	50.45	3.825E+01	1.774E-11
9391	50.98	3.878E+01	2.003E-11
9429	50.09	3.789E+01	1.632E-11
9494	49.93	3.773E+01	1.572E-11
9555	50.59	3.839E+01	1.830E-11
9621	50.10	3.790E+01	1.635E-11
9672	50.25	3.805E+01	1.694E-11
9716	51.23	3.903E+01	2.122E-11
9772	51.13	3.893E+01	2.073E-11
9846	51.09	3.889E+01	2.052E-11
9920	51.07	3.887E+01	2.047E-11
9951	50.78	3.858E+01	1.912E-11
10008	51.99	3.979E+01	2.528E-11
10062	51.32	3.912E+01	2.165E-11
10138	51.32	3.912E+01	2.168E-11
10206	51.67	3.947E+01	2.347E-11
10262	51.43	3.923E+01	2.219E-11
10326	51.83	3.963E+01	2.436E-11
10391	51.08	3.888E+01	2.050E-11
10448	51.64	3.944E+01	2.332E-11
10507	51.81	3.961E+01	2.424E-11
10582	52.17	3.997E+01	2.636E-11
10639	51.75	3.955E+01	2.391E-11
10711	52.17	3.997E+01	2.636E-11
10784	51.73	3.953E+01	2.380E-11
10855	51.55	3.935E+01	2.286E-11
10892	50.86	3.866E+01	1.948E-11
10928	51.79	3.959E+01	2.413E-11
10985	52.62	4.042E+01	2.921E-11
11040	52.10	3.990E+01	2.592E-11
11103	52.99	4.079E+01	3.185E-11
11176	52.36	4.016E+01	2.749E-11
11182	51.51	3.931E+01	2.261E-11
11233	52.72	4.052E+01	2.990E-11
11324	52.59	4.039E+01	2.902E-11
11380	52.53	4.033E+01	2.859E-11
11445	51.71	3.951E+01	2.369E-11
11536	52.37	4.017E+01	2.758E-11
11589	51.75	3.955E+01	2.391E-11
11652	51.99	3.979E+01	2.528E-11
11709	53.57	4.137E+01	3.636E-11
11767	53.07	4.087E+01	3.241E-11
11862	54.11	4.191E+01	4.119E-11
11910	54.66	4.246E+01	4.675E-11

11957	53.45	4.125E+01	3.535E-11
12023	53.11	4.091E+01	3.269E-11
12029	53.93	4.173E+01	3.954E-11
12071	52.56	4.036E+01	2.880E-11
12153	53.04	4.084E+01	3.221E-11
12218	52.60	4.040E+01	2.907E-11
12282	52.94	4.074E+01	3.147E-11
12319	53.04	4.084E+01	3.221E-11
12419	52.96	4.076E+01	3.161E-11
12474	53.88	4.168E+01	3.910E-11
12532	53.15	4.095E+01	3.302E-11
12591	52.48	4.028E+01	2.827E-11
12680	53.57	4.137E+01	3.636E-11
12727	53.33	4.113E+01	3.438E-11
12810	52.27	4.007E+01	2.698E-11
12830	52.78	4.058E+01	3.032E-11
12882	53.10	4.090E+01	3.266E-11
12944	53.25	4.105E+01	3.375E-11
13016	53.37	4.117E+01	3.470E-11
13049	54.07	4.187E+01	4.078E-11
13127	55.33	4.313E+01	5.452E-11
13182	53.95	4.175E+01	3.972E-11
13233	54.82	4.262E+01	4.853E-11
13307	55.05	4.285E+01	5.113E-11
13352	54.99	4.279E+01	5.037E-11
13388	54.28	4.208E+01	4.279E-11
13448	55.88	4.368E+01	6.183E-11
13516	55.55	4.335E+01	5.739E-11
13575	55.43	4.323E+01	5.580E-11
13642	56.26	4.406E+01	6.755E-11
13724	55.71	4.351E+01	5.956E-11
13776	55.53	4.333E+01	5.712E-11
13861	56.91	4.471E+01	7.840E-11
13911	57.98	4.578E+01	1.004E-10
13981	56.60	4.440E+01	7.311E-11
14040	56.87	4.467E+01	7.780E-11
14076	56.60	4.440E+01	7.311E-11
14179	56.52	4.432E+01	7.176E-11
14252	56.52	4.432E+01	7.176E-11
14331	56.71	4.451E+01	7.495E-11
14396	57.09	4.489E+01	8.176E-11
14464	57.43	4.523E+01	8.849E-11
14536	57.25	4.505E+01	8.486E-11
14590	56.93	4.473E+01	7.877E-11
14686	56.08	4.388E+01	6.477E-11
14742	56.34	4.414E+01	6.888E-11
14838	56.00	4.380E+01	6.358E-11
14897	55.91	4.371E+01	6.229E-11
14960	56.48	4.428E+01	7.110E-11

15073	57.19	4.499E+01	8.368E-11
15141	55.75	4.355E+01	6.001E-11
15223	55.57	4.337E+01	5.765E-11
15287	55.21	4.301E+01	5.307E-11
15351	54.90	4.270E+01	4.944E-11
15385	54.72	4.252E+01	4.734E-11
15445	54.86	4.266E+01	4.889E-11
15500	54.66	4.246E+01	4.675E-11
15577	54.14	4.194E+01	4.150E-11
15643	53.84	4.164E+01	3.866E-11
15678	53.85	4.165E+01	3.881E-11
15757	54.15	4.195E+01	4.155E-11
15809	55.28	4.308E+01	5.393E-11
15877	53.85	4.165E+01	3.881E-11
15941	53.40	4.120E+01	3.496E-11
15996	53.43	4.123E+01	3.519E-11
16050	54.65	4.245E+01	4.658E-11
16121	55.08	4.288E+01	5.151E-11
16202	54.58	4.238E+01	4.589E-11
16267	54.69	4.249E+01	4.704E-11
16309	54.46	4.226E+01	4.462E-11
16358	53.47	4.127E+01	3.552E-11
16407	54.50	4.230E+01	4.504E-11
16460	55.17	4.297E+01	5.261E-11
16495	54.90	4.270E+01	4.944E-11
16529	56.01	4.381E+01	6.378E-11
16593	56.02	4.382E+01	6.387E-11
16677	55.96	4.376E+01	6.299E-11
16795	56.80	4.460E+01	7.645E-11
16841	56.20	4.400E+01	6.661E-11
16924	56.52	4.432E+01	7.176E-11
16960	56.52	4.432E+01	7.176E-11
17048	57.29	4.509E+01	8.566E-11
17115	57.98	4.578E+01	1.004E-10
17174	57.41	4.521E+01	8.808E-11
17256	58.06	4.586E+01	1.022E-10
17311	59.68	4.748E+01	1.484E-10
17366	58.71	4.651E+01	1.187E-10
17432	59.30	4.710E+01	1.360E-10
17514	59.99	4.779E+01	1.593E-10
17575	60.22	4.802E+01	1.683E-10
17642	60.84	4.864E+01	1.938E-10
17696	60.83	4.863E+01	1.935E-10
17772	61.26	4.906E+01	2.138E-10
17813	61.54	4.934E+01	2.278E-10
17839	62.51	5.031E+01	2.849E-10
17893	64.35	5.215E+01	4.352E-10
17932	64.09	5.189E+01	4.096E-10
17966	63.10	5.090E+01	3.266E-10