

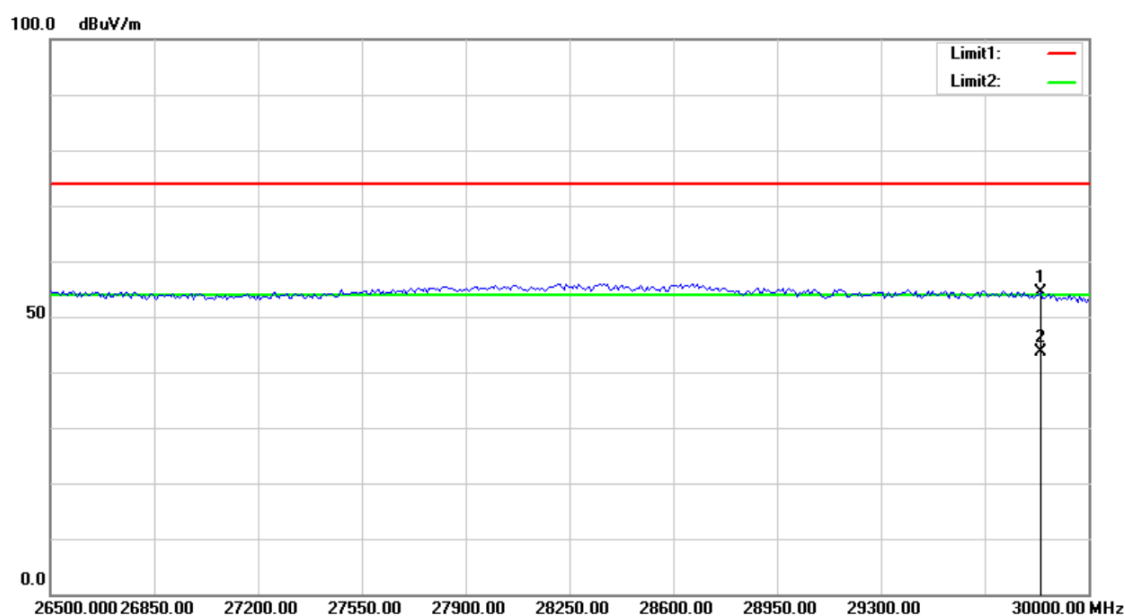
Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 14 June 2022

FCC ID: 2AWLG-MEB11V6 (Configuration 1, Figure 30, Class B device)  
Frequency span: 26,500 MHz to 30,000 MHz  
RBW: 1.0 MHz, distance: 3 m  
Peak-to-average correction: -10.70 dB  
No. of sample points: 3,500  
Cumulative S level:  $2.251\text{E-}07 \text{ W/m}^2$   
Device radiated power: 0.0155 mW

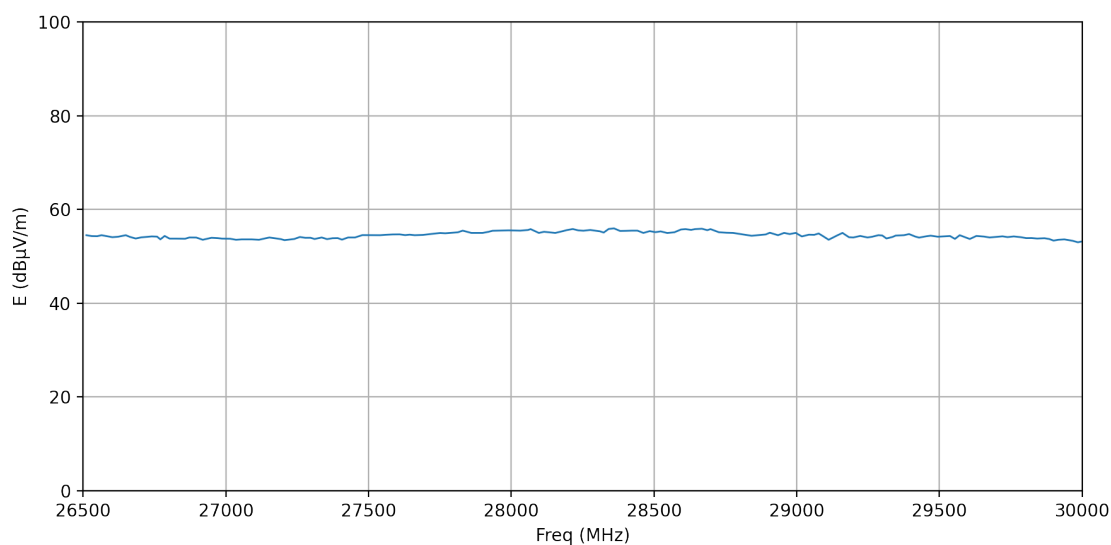
## EMC test spectral plot

**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)
26511	54.51	4.381E+01	6.374E-11
26530	54.32	4.362E+01	6.102E-11
26549	54.29	4.359E+01	6.065E-11
26564	54.51	4.381E+01	6.374E-11
26587	54.24	4.354E+01	5.999E-11
26602	54.08	4.338E+01	5.779E-11
26623	54.18	4.348E+01	5.916E-11
26649	54.51	4.381E+01	6.374E-11
26663	54.16	4.346E+01	5.879E-11
26684	53.80	4.310E+01	5.414E-11
26703	54.04	4.334E+01	5.726E-11
26740	54.24	4.354E+01	5.999E-11
26759	54.20	4.350E+01	5.943E-11
26770	53.62	4.292E+01	5.191E-11
26785	54.35	4.365E+01	6.140E-11
26803	53.78	4.308E+01	5.389E-11
26823	53.78	4.308E+01	5.389E-11
26857	53.75	4.305E+01	5.355E-11
26872	54.02	4.332E+01	5.699E-11
26896	54.01	4.331E+01	5.681E-11
26919	53.54	4.284E+01	5.096E-11
26950	53.96	4.326E+01	5.615E-11
26970	53.89	4.319E+01	5.525E-11
26987	53.78	4.308E+01	5.389E-11
27015	53.75	4.305E+01	5.355E-11
27036	53.54	4.284E+01	5.096E-11
27055	53.62	4.292E+01	5.191E-11
27091	53.62	4.292E+01	5.191E-11
27116	53.54	4.284E+01	5.096E-11
27152	54.02	4.332E+01	5.699E-11
27175	53.82	4.312E+01	5.439E-11
27193	53.67	4.297E+01	5.256E-11
27205	53.45	4.275E+01	5.001E-11
27239	53.70	4.300E+01	5.289E-11
27259	54.12	4.342E+01	5.833E-11
27278	53.95	4.325E+01	5.611E-11
27296	53.96	4.326E+01	5.620E-11
27311	53.70	4.300E+01	5.289E-11
27336	54.02	4.332E+01	5.699E-11
27354	53.67	4.297E+01	5.256E-11
27373	53.86	4.316E+01	5.490E-11
27392	53.89	4.319E+01	5.525E-11
27407	53.56	4.286E+01	5.127E-11
27428	54.02	4.332E+01	5.699E-11
27452	54.02	4.332E+01	5.699E-11
27478	54.53	4.383E+01	6.404E-11

## Calculate device radiated power from EMC test data

27520	54.51	4.381E+01	6.374E-11
27540	54.51	4.381E+01	6.374E-11
27558	54.59	4.389E+01	6.494E-11
27584	54.67	4.397E+01	6.616E-11
27609	54.69	4.399E+01	6.641E-11
27628	54.53	4.383E+01	6.404E-11
27644	54.62	4.392E+01	6.543E-11
27661	54.51	4.381E+01	6.374E-11
27690	54.57	4.387E+01	6.464E-11
27728	54.83	4.413E+01	6.868E-11
27751	54.97	4.427E+01	7.096E-11
27769	54.91	4.421E+01	6.997E-11
27813	55.13	4.443E+01	7.354E-11
27830	55.48	4.478E+01	7.973E-11
27860	54.99	4.429E+01	7.129E-11
27883	54.99	4.429E+01	7.129E-11
27899	54.99	4.429E+01	7.129E-11
27921	55.24	4.454E+01	7.539E-11
27934	55.45	4.475E+01	7.924E-11
27991	55.54	4.484E+01	8.085E-11
28031	55.48	4.478E+01	7.973E-11
28058	55.62	4.492E+01	8.238E-11
28068	55.80	4.510E+01	8.591E-11
28096	54.99	4.429E+01	7.129E-11
28115	55.24	4.454E+01	7.539E-11
28154	54.99	4.429E+01	7.129E-11
28180	55.36	4.466E+01	7.753E-11
28194	55.59	4.489E+01	8.174E-11
28215	55.82	4.512E+01	8.631E-11
28234	55.54	4.484E+01	8.085E-11
28252	55.46	4.476E+01	7.943E-11
28277	55.62	4.492E+01	8.238E-11
28310	55.34	4.464E+01	7.717E-11
28324	55.07	4.437E+01	7.263E-11
28341	55.84	4.514E+01	8.655E-11
28360	55.97	4.527E+01	8.917E-11
28381	55.41	4.471E+01	7.855E-11
28402	55.44	4.474E+01	7.899E-11
28422	55.48	4.478E+01	7.973E-11
28442	55.48	4.478E+01	7.973E-11
28463	54.99	4.429E+01	7.129E-11
28485	55.37	4.467E+01	7.777E-11
28505	55.16	4.446E+01	7.400E-11
28523	55.32	4.462E+01	7.681E-11
28546	54.98	4.428E+01	7.102E-11
28571	55.14	4.444E+01	7.365E-11
28594	55.72	4.502E+01	8.432E-11
28610	55.80	4.510E+01	8.591E-11
28630	55.64	4.494E+01	8.276E-11

28643	55.80	4.510E+01	8.591E-11
28668	55.88	4.518E+01	8.752E-11
28687	55.58	4.488E+01	8.161E-11
28698	55.80	4.510E+01	8.591E-11
28727	55.14	4.444E+01	7.372E-11
28754	55.03	4.433E+01	7.196E-11
28777	54.99	4.429E+01	7.129E-11
28819	54.59	4.389E+01	6.494E-11
28842	54.39	4.369E+01	6.198E-11
28891	54.67	4.397E+01	6.616E-11
28906	55.03	4.433E+01	7.196E-11
28934	54.51	4.381E+01	6.374E-11
28956	54.99	4.429E+01	7.129E-11
28975	54.75	4.405E+01	6.741E-11
28997	54.99	4.429E+01	7.129E-11
29018	54.24	4.354E+01	5.999E-11
29043	54.62	4.392E+01	6.534E-11
29061	54.59	4.389E+01	6.494E-11
29077	54.87	4.417E+01	6.932E-11
29092	54.30	4.360E+01	6.083E-11
29112	53.54	4.284E+01	5.096E-11
29141	54.45	4.375E+01	6.285E-11
29160	54.99	4.429E+01	7.129E-11
29183	54.08	4.338E+01	5.770E-11
29198	54.02	4.332E+01	5.699E-11
29222	54.35	4.365E+01	6.140E-11
29248	54.02	4.332E+01	5.699E-11
29265	54.18	4.348E+01	5.916E-11
29286	54.51	4.381E+01	6.374E-11
29300	54.45	4.375E+01	6.285E-11
29314	53.81	4.311E+01	5.422E-11
29336	54.14	4.344E+01	5.861E-11
29347	54.43	4.373E+01	6.256E-11
29375	54.51	4.381E+01	6.374E-11
29394	54.75	4.405E+01	6.741E-11
29415	54.22	4.352E+01	5.971E-11
29428	53.99	4.329E+01	5.664E-11
29453	54.26	4.356E+01	6.027E-11
29469	54.41	4.371E+01	6.227E-11
29494	54.18	4.348E+01	5.916E-11
29518	54.26	4.356E+01	6.027E-11
29537	54.33	4.363E+01	6.118E-11
29554	53.72	4.302E+01	5.314E-11
29571	54.51	4.381E+01	6.374E-11
29606	53.70	4.300E+01	5.289E-11
29629	54.35	4.365E+01	6.140E-11
29657	54.21	4.351E+01	5.952E-11
29676	54.02	4.332E+01	5.699E-11
29700	54.16	4.346E+01	5.879E-11

## Calculate device radiated power from EMC test data

29721	54.26	4.356E+01	6.027E-11
29739	54.10	4.340E+01	5.806E-11
29760	54.24	4.354E+01	5.999E-11
29785	54.09	4.339E+01	5.785E-11
29804	53.89	4.319E+01	5.525E-11
29823	53.90	4.320E+01	5.542E-11
29842	53.79	4.309E+01	5.406E-11
29868	53.86	4.316E+01	5.490E-11
29885	53.70	4.300E+01	5.289E-11
29900	53.35	4.265E+01	4.886E-11
29916	53.54	4.284E+01	5.096E-11
29938	53.62	4.292E+01	5.191E-11
29967	53.31	4.261E+01	4.836E-11
29985	53.00	4.230E+01	4.500E-11
29995	53.13	4.243E+01	4.642E-11