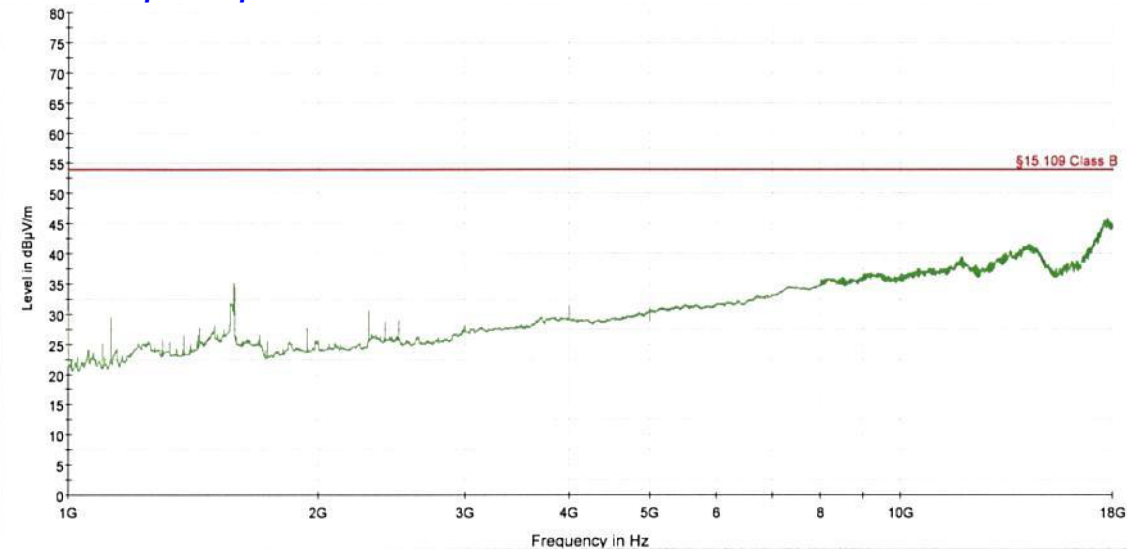


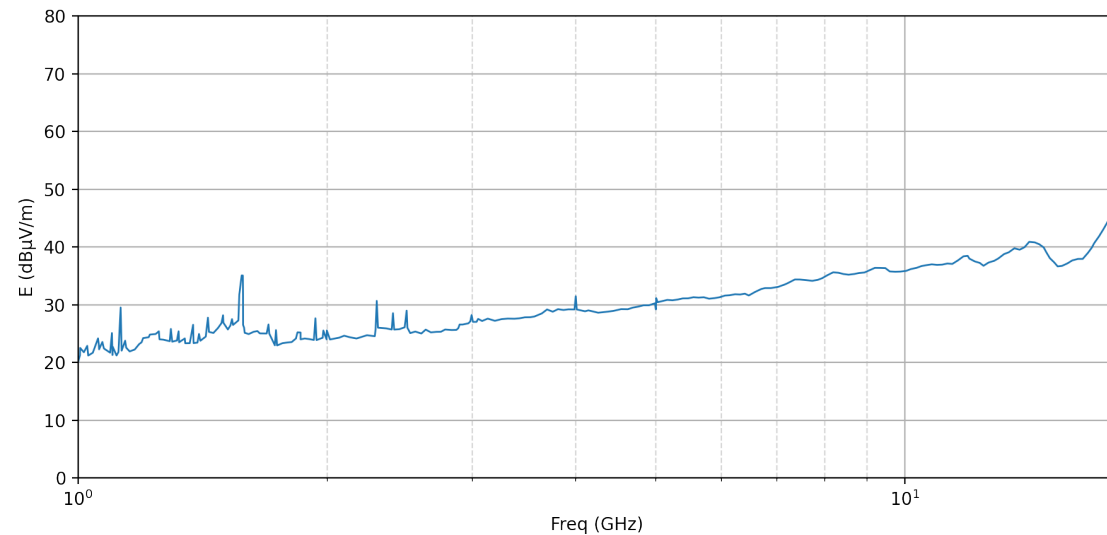
Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 14 June 2022

FCC ID: 2AUIVTTTCVISION312 (Configuration 1, Figure 19, Class B device)  
Frequency span: 1 GHz to 18 GHz  
RBW: 0.001 GHz, distance: 3 m  
Peak-to-average correction: N/A  
No. of sample points: 17,000  
Cumulative S level:  $2.242\text{E-}07 \text{ W/m}^2$   
Device radiated power: 0.0155 mW

## EMC test spectral plot



## Plot of extracted data from EMC test spectral plot



*Table of extracted data from EMC test spectral plot*

Freq (GHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
1.0	22.44	2.244E+01	4.654E-13
1.0	19.97	1.997E+01	2.632E-13
1.005	21.26	2.126E+01	3.543E-13
1.006	22.53	2.253E+01	4.751E-13
1.016	21.78	2.178E+01	3.993E-13
1.026	22.89	2.289E+01	5.161E-13
1.029	21.21	2.121E+01	3.504E-13
1.042	21.70	2.170E+01	3.920E-13
1.057	24.18	2.418E+01	6.939E-13
1.06	23.17	2.317E+01	5.503E-13
1.06	22.28	2.228E+01	4.487E-13
1.07	23.56	2.356E+01	6.020E-13
1.075	22.43	2.243E+01	4.640E-13
1.093	21.71	2.171E+01	3.930E-13
1.099	25.10	2.510E+01	8.587E-13
1.101	21.30	2.130E+01	3.582E-13
1.102	22.68	2.268E+01	4.921E-13
1.113	21.22	2.122E+01	3.512E-13
1.119	21.81	2.181E+01	4.023E-13
1.126	29.53	2.953E+01	2.381E-12
1.129	22.06	2.206E+01	4.259E-13
1.14	23.78	2.378E+01	6.334E-13
1.143	22.58	2.258E+01	4.805E-13
1.155	21.92	2.192E+01	4.127E-13
1.171	22.26	2.226E+01	4.461E-13
1.185	23.18	2.318E+01	5.521E-13
1.194	23.51	2.351E+01	5.946E-13
1.199	24.23	2.423E+01	7.019E-13
1.217	24.38	2.438E+01	7.272E-13
1.222	24.84	2.484E+01	8.090E-13
1.241	24.93	2.493E+01	8.261E-13
1.252	25.41	2.541E+01	9.215E-13
1.255	24.02	2.402E+01	6.693E-13
1.268	23.96	2.396E+01	6.608E-13
1.291	23.69	2.369E+01	6.207E-13
1.295	25.82	2.582E+01	1.013E-12
1.3	23.61	2.361E+01	6.087E-13
1.317	23.81	2.381E+01	6.382E-13
1.323	25.41	2.541E+01	9.213E-13
1.325	23.50	2.350E+01	5.944E-13
1.346	24.17	2.417E+01	6.933E-13
1.348	23.34	2.334E+01	5.718E-13
1.365	23.35	2.335E+01	5.736E-13
1.378	26.54	2.654E+01	1.195E-12
1.379	23.36	2.336E+01	5.755E-13
1.395	23.45	2.345E+01	5.873E-13

## Calculate device radiated power from EMC test data

1.4	24.94	2.494E+01	8.280E-13
1.406	23.77	2.377E+01	6.318E-13
1.427	24.49	2.449E+01	7.463E-13
1.436	27.77	2.777E+01	1.588E-12
1.44	25.30	2.530E+01	8.981E-13
1.458	25.12	2.512E+01	8.623E-13
1.477	25.98	2.598E+01	1.050E-12
1.491	26.82	2.682E+01	1.276E-12
1.497	28.18	2.818E+01	1.746E-12
1.499	26.90	2.690E+01	1.298E-12
1.518	25.72	2.572E+01	9.903E-13
1.529	26.43	2.643E+01	1.167E-12
1.535	27.51	2.751E+01	1.497E-12
1.54	26.51	2.651E+01	1.187E-12
1.563	27.29	2.729E+01	1.422E-12
1.567	31.76	3.176E+01	3.979E-12
1.577	35.08	3.508E+01	8.535E-12
1.582	35.06	3.506E+01	8.510E-12
1.583	31.72	3.172E+01	3.945E-12
1.583	26.51	2.651E+01	1.187E-12
1.588	26.02	2.602E+01	1.061E-12
1.591	25.15	2.515E+01	8.678E-13
1.608	24.92	2.492E+01	8.237E-13
1.63	25.32	2.532E+01	9.032E-13
1.648	25.44	2.544E+01	9.287E-13
1.659	25.04	2.504E+01	8.474E-13
1.691	25.02	2.502E+01	8.433E-13
1.699	26.59	2.659E+01	1.210E-12
1.703	25.01	2.501E+01	8.410E-13
1.73	22.98	2.298E+01	5.264E-13
1.735	25.61	2.561E+01	9.661E-13
1.741	22.96	2.296E+01	5.244E-13
1.767	23.35	2.335E+01	5.735E-13
1.79	23.46	2.346E+01	5.890E-13
1.813	23.54	2.354E+01	5.998E-13
1.835	24.17	2.417E+01	6.926E-13
1.842	25.22	2.522E+01	8.830E-13
1.858	25.20	2.520E+01	8.777E-13
1.858	24.01	2.401E+01	6.684E-13
1.88	24.16	2.416E+01	6.912E-13
1.903	24.06	2.406E+01	6.760E-13
1.928	23.91	2.391E+01	6.526E-13
1.937	27.66	2.766E+01	1.546E-12
1.943	23.89	2.389E+01	6.493E-13
1.976	24.29	2.429E+01	7.118E-13
1.98	25.54	2.554E+01	9.494E-13
1.998	24.01	2.401E+01	6.682E-13
1.999	25.56	2.556E+01	9.533E-13
2.017	23.99	2.399E+01	6.646E-13

## Calculate device radiated power from EMC test data

2.069	24.30	2.430E+01	7.144E-13
2.098	24.64	2.464E+01	7.722E-13
2.131	24.38	2.438E+01	7.277E-13
2.172	24.16	2.416E+01	6.908E-13
2.236	24.72	2.472E+01	7.873E-13
2.285	24.55	2.455E+01	7.566E-13
2.29	25.76	2.576E+01	9.990E-13
2.297	30.68	3.068E+01	3.099E-12
2.305	26.03	2.603E+01	1.064E-12
2.359	25.91	2.591E+01	1.034E-12
2.395	25.71	2.571E+01	9.887E-13
2.404	28.54	2.854E+01	1.896E-12
2.411	25.71	2.571E+01	9.871E-13
2.446	25.77	2.577E+01	1.001E-12
2.483	26.10	2.610E+01	1.081E-12
2.497	28.99	2.899E+01	2.100E-12
2.502	26.02	2.602E+01	1.060E-12
2.522	25.09	2.509E+01	8.568E-13
2.557	25.36	2.536E+01	9.119E-13
2.601	25.02	2.502E+01	8.435E-13
2.633	25.70	2.570E+01	9.857E-13
2.671	25.22	2.522E+01	8.818E-13
2.713	25.31	2.531E+01	9.016E-13
2.747	25.33	2.533E+01	9.041E-13
2.779	25.72	2.572E+01	9.891E-13
2.831	25.63	2.563E+01	9.691E-13
2.868	25.65	2.565E+01	9.745E-13
2.883	25.96	2.596E+01	1.047E-12
2.893	26.58	2.658E+01	1.207E-12
2.918	26.58	2.658E+01	1.206E-12
2.965	26.79	2.679E+01	1.266E-12
2.981	27.13	2.713E+01	1.368E-12
2.992	28.22	2.822E+01	1.762E-12
3.003	27.04	2.704E+01	1.340E-12
3.033	27.04	2.704E+01	1.342E-12
3.046	27.56	2.756E+01	1.511E-12
3.081	27.20	2.720E+01	1.390E-12
3.129	27.60	2.760E+01	1.526E-12
3.192	27.22	2.722E+01	1.400E-12
3.253	27.51	2.751E+01	1.497E-12
3.309	27.61	2.761E+01	1.528E-12
3.371	27.58	2.758E+01	1.520E-12
3.418	27.66	2.766E+01	1.546E-12
3.471	27.83	2.783E+01	1.609E-12
3.524	27.84	2.784E+01	1.615E-12
3.564	27.97	2.797E+01	1.661E-12
3.639	28.51	2.851E+01	1.880E-12
3.691	29.19	2.919E+01	2.200E-12
3.751	28.80	2.880E+01	2.011E-12

3.805	29.24	2.924E+01	2.225E-12
3.864	29.10	2.910E+01	2.156E-12
3.917	29.20	2.920E+01	2.208E-12
3.984	29.19	2.919E+01	2.200E-12
3.998	31.47	3.147E+01	3.719E-12
4.01	29.18	2.918E+01	2.198E-12
4.104	28.87	2.887E+01	2.045E-12
4.142	29.03	2.903E+01	2.121E-12
4.256	28.63	2.863E+01	1.933E-12
4.375	28.81	2.881E+01	2.018E-12
4.439	28.94	2.894E+01	2.076E-12
4.537	29.24	2.924E+01	2.227E-12
4.622	29.23	2.923E+01	2.219E-12
4.683	29.49	2.949E+01	2.361E-12
4.759	29.68	2.968E+01	2.465E-12
4.828	29.91	2.991E+01	2.596E-12
4.902	29.91	2.991E+01	2.597E-12
4.984	30.25	3.025E+01	2.810E-12
4.998	29.19	2.919E+01	2.203E-12
5.002	31.15	3.115E+01	3.455E-12
5.022	30.45	3.045E+01	2.939E-12
5.159	30.84	3.084E+01	3.218E-12
5.234	30.78	3.078E+01	3.171E-12
5.311	30.90	3.090E+01	3.266E-12
5.386	31.10	3.110E+01	3.419E-12
5.468	31.11	3.111E+01	3.427E-12
5.548	31.30	3.130E+01	3.579E-12
5.629	31.24	3.124E+01	3.530E-12
5.711	31.29	3.129E+01	3.574E-12
5.795	31.05	3.105E+01	3.380E-12
5.884	31.15	3.115E+01	3.456E-12
5.966	31.29	3.129E+01	3.573E-12
6.057	31.59	3.159E+01	3.828E-12
6.135	31.65	3.165E+01	3.875E-12
6.232	31.82	3.182E+01	4.033E-12
6.319	31.78	3.178E+01	3.993E-12
6.403	31.92	3.192E+01	4.128E-12
6.473	31.61	3.161E+01	3.840E-12
6.589	32.23	3.223E+01	4.429E-12
6.705	32.74	3.274E+01	4.979E-12
6.772	32.89	3.289E+01	5.156E-12
6.884	32.89	3.289E+01	5.156E-12
7.025	33.10	3.310E+01	5.413E-12
7.149	33.49	3.349E+01	5.925E-12
7.207	33.71	3.371E+01	6.229E-12
7.36	34.38	3.438E+01	7.268E-12
7.461	34.37	3.437E+01	7.258E-12
7.577	34.28	3.428E+01	7.106E-12
7.725	34.14	3.414E+01	6.883E-12

7.844	34.31	3.431E+01	7.162E-12
7.938	34.59	3.459E+01	7.625E-12
8.067	35.16	3.516E+01	8.694E-12
8.187	35.62	3.562E+01	9.669E-12
8.307	35.54	3.554E+01	9.502E-12
8.429	35.32	3.532E+01	9.021E-12
8.546	35.21	3.521E+01	8.802E-12
8.678	35.32	3.532E+01	9.031E-12
8.799	35.49	3.549E+01	9.395E-12
8.934	35.59	3.559E+01	9.606E-12
9.062	35.98	3.598E+01	1.051E-11
9.197	36.39	3.639E+01	1.155E-11
9.332	36.38	3.638E+01	1.152E-11
9.468	36.35	3.635E+01	1.143E-11
9.585	35.77	3.577E+01	1.001E-11
9.732	35.72	3.572E+01	9.893E-12
9.875	35.74	3.574E+01	9.953E-12
10.031	35.86	3.586E+01	1.023E-11
10.159	36.17	3.617E+01	1.097E-11
10.327	36.39	3.639E+01	1.156E-11
10.472	36.70	3.670E+01	1.241E-11
10.612	36.85	3.685E+01	1.285E-11
10.774	37.00	3.700E+01	1.329E-11
10.933	36.91	3.691E+01	1.301E-11
11.092	36.95	3.695E+01	1.314E-11
11.255	37.14	3.714E+01	1.374E-11
11.408	37.07	3.707E+01	1.351E-11
11.587	37.67	3.767E+01	1.553E-11
11.768	38.38	3.838E+01	1.828E-11
11.907	38.47	3.847E+01	1.865E-11
11.964	37.99	3.799E+01	1.669E-11
12.15	37.49	3.749E+01	1.489E-11
12.313	37.25	3.725E+01	1.409E-11
12.444	36.75	3.675E+01	1.255E-11
12.622	37.31	3.731E+01	1.429E-11
12.816	37.60	3.760E+01	1.527E-11
12.963	38.00	3.800E+01	1.673E-11
13.179	38.78	3.878E+01	2.003E-11
13.351	39.08	3.908E+01	2.147E-11
13.561	39.77	3.977E+01	2.518E-11
13.76	39.53	3.953E+01	2.382E-11
13.949	39.96	3.996E+01	2.628E-11
14.132	40.89	4.089E+01	3.258E-11
14.353	40.80	4.080E+01	3.187E-11
14.534	40.48	4.048E+01	2.960E-11
14.715	39.92	3.992E+01	2.605E-11
14.823	39.08	3.908E+01	2.149E-11
14.969	38.07	3.807E+01	1.700E-11
15.15	37.34	3.734E+01	1.438E-11

## Calculate device radiated power from EMC test data

15.298	36.64	3.664E+01	1.223E-11
15.481	36.73	3.673E+01	1.248E-11
15.716	37.15	3.715E+01	1.377E-11
15.934	37.68	3.768E+01	1.555E-11
16.19	37.94	3.794E+01	1.649E-11
16.404	37.94	3.794E+01	1.651E-11
16.65	39.01	3.901E+01	2.114E-11
16.824	39.89	3.989E+01	2.586E-11
16.935	40.66	4.066E+01	3.087E-11
17.165	41.84	4.184E+01	4.055E-11
17.375	43.07	4.307E+01	5.382E-11
17.594	44.44	4.444E+01	7.368E-11
17.709	44.99	4.499E+01	8.369E-11
17.889	44.71	4.471E+01	7.839E-11
17.933	44.18	4.418E+01	6.945E-11