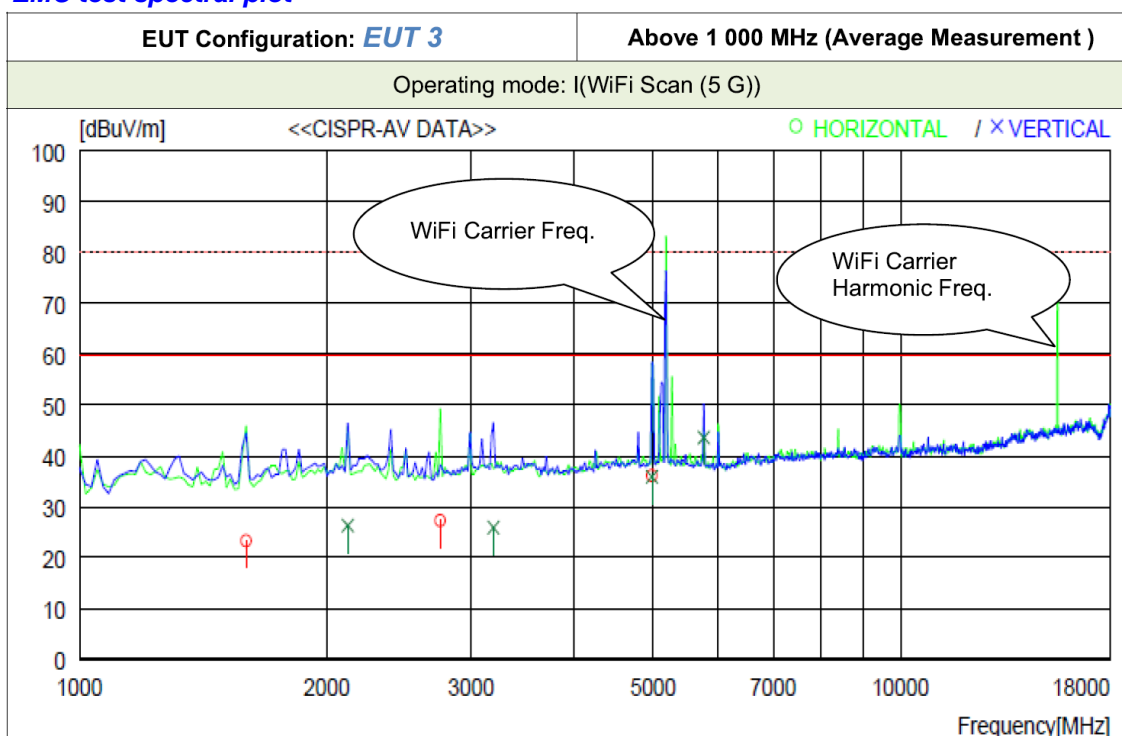


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 14 June 2022

FCC ID: 2AB83-D332A (Configuration 3, Figure 81, Class A device)
Frequency span: 1,000 MHz to 18,000 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: N/A
No. of sample points: 17,000
Cumulative S level: $7.370\text{E-}07 \text{ W/m}^2$
Device radiated power: 0.0508 mW

EMC test spectral plot



Plot of extracted data from EMC test spectral plot

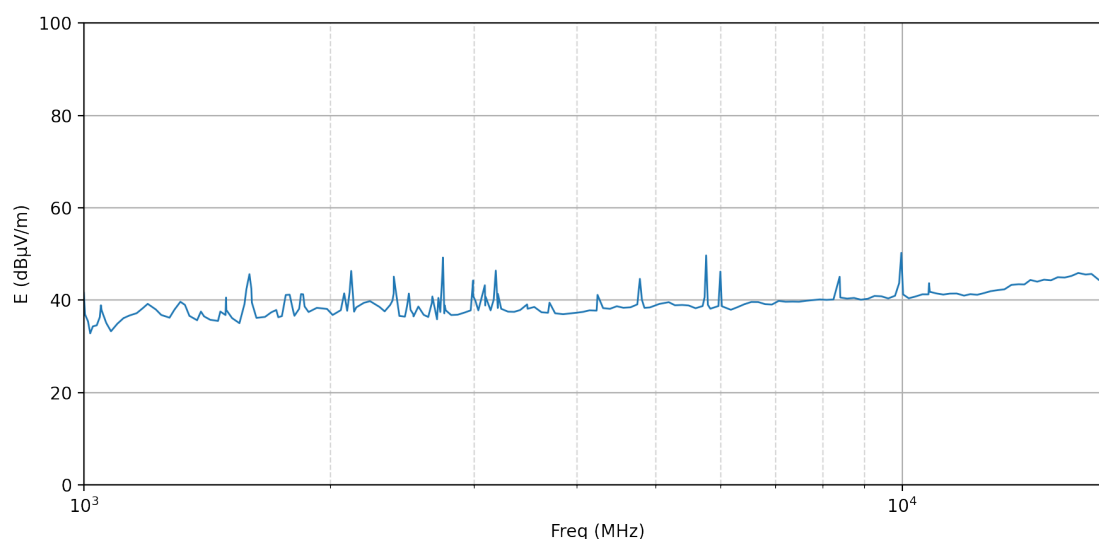


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
999	41.59	4.159E+01	3.828E-11
1002	36.97	3.697E+01	1.319E-11
1011	35.43	3.543E+01	9.262E-12
1017	32.82	3.282E+01	5.081E-12
1025	34.33	3.433E+01	7.195E-12
1036	34.57	3.457E+01	7.596E-12
1045	36.34	3.634E+01	1.142E-11
1048	38.91	3.891E+01	2.065E-11
1050	37.82	3.782E+01	1.605E-11
1064	35.07	3.507E+01	8.533E-12
1078	33.27	3.327E+01	5.638E-12
1098	34.89	3.489E+01	8.185E-12
1117	36.12	3.612E+01	1.085E-11
1136	36.69	3.669E+01	1.238E-11
1159	37.19	3.719E+01	1.389E-11
1180	38.34	3.834E+01	1.809E-11
1196	39.21	3.921E+01	2.212E-11
1223	38.00	3.800E+01	1.672E-11
1242	36.82	3.682E+01	1.274E-11
1271	36.22	3.622E+01	1.110E-11
1289	37.95	3.795E+01	1.656E-11
1311	39.66	3.966E+01	2.453E-11
1328	38.99	3.899E+01	2.101E-11
1345	36.62	3.662E+01	1.217E-11
1374	35.67	3.567E+01	9.781E-12
1389	37.55	3.755E+01	1.507E-11
1401	36.51	3.651E+01	1.186E-11
1426	35.77	3.577E+01	1.001E-11
1457	35.52	3.552E+01	9.450E-12
1467	37.55	3.755E+01	1.507E-11
1489	36.79	3.679E+01	1.265E-11
1491	40.58	4.058E+01	3.032E-11
1492	37.86	3.786E+01	1.622E-11
1516	36.13	3.613E+01	1.087E-11
1548	35.03	3.503E+01	8.448E-12
1570	39.19	3.919E+01	2.201E-11
1579	42.41	4.241E+01	4.616E-11
1592	45.64	4.564E+01	9.720E-11
1601	42.50	4.250E+01	4.712E-11
1603	39.51	3.951E+01	2.370E-11
1624	36.18	3.618E+01	1.100E-11
1663	36.38	3.638E+01	1.154E-11
1693	37.38	3.738E+01	1.450E-11
1717	37.88	3.788E+01	1.629E-11
1727	36.31	3.631E+01	1.135E-11
1744	36.55	3.655E+01	1.199E-11

Calculate device radiated power from EMC test data

1752	38.31	3.831E+01	1.799E-11
1763	41.13	4.113E+01	3.443E-11
1783	41.20	4.120E+01	3.494E-11
1799	37.94	3.794E+01	1.650E-11
1807	36.63	3.663E+01	1.220E-11
1831	38.15	3.815E+01	1.733E-11
1841	41.32	4.132E+01	3.595E-11
1852	41.27	4.127E+01	3.557E-11
1860	38.65	3.865E+01	1.944E-11
1881	37.44	3.744E+01	1.473E-11
1925	38.35	3.835E+01	1.814E-11
1981	38.11	3.811E+01	1.718E-11
2012	36.80	3.680E+01	1.271E-11
2059	37.85	3.785E+01	1.616E-11
2079	41.48	4.148E+01	3.730E-11
2096	37.71	3.771E+01	1.567E-11
2110	41.64	4.164E+01	3.870E-11
2120	46.33	4.633E+01	1.140E-10
2138	37.53	3.753E+01	1.501E-11
2151	38.45	3.845E+01	1.856E-11
2197	39.44	3.944E+01	2.330E-11
2236	39.79	3.979E+01	2.528E-11
2297	38.54	3.854E+01	1.894E-11
2330	37.59	3.759E+01	1.523E-11
2366	38.99	3.899E+01	2.101E-11
2382	39.93	3.993E+01	2.607E-11
2389	41.44	4.144E+01	3.695E-11
2390	45.11	4.511E+01	8.607E-11
2428	36.60	3.660E+01	1.212E-11
2466	36.44	3.644E+01	1.169E-11
2481	38.78	3.878E+01	2.003E-11
2494	41.44	4.144E+01	3.699E-11
2506	37.92	3.792E+01	1.642E-11
2526	36.95	3.695E+01	1.314E-11
2527	36.49	3.649E+01	1.182E-11
2561	38.63	3.863E+01	1.936E-11
2600	36.84	3.684E+01	1.281E-11
2634	36.37	3.637E+01	1.149E-11
2660	39.40	3.940E+01	2.311E-11
2664	40.81	4.081E+01	3.193E-11
2700	35.86	3.586E+01	1.023E-11
2710	40.50	4.050E+01	2.977E-11
2724	37.45	3.745E+01	1.474E-11
2741	45.87	4.587E+01	1.024E-10
2745	49.24	4.924E+01	2.226E-10
2756	37.16	3.716E+01	1.379E-11
2758	38.89	3.889E+01	2.056E-11
2767	37.81	3.781E+01	1.603E-11
2809	36.79	3.679E+01	1.268E-11

2861	36.86	3.686E+01	1.288E-11
2919	37.35	3.735E+01	1.441E-11
2968	37.80	3.780E+01	1.599E-11
2988	44.29	4.429E+01	7.117E-11
2988	42.16	4.216E+01	4.358E-11
2990	40.84	4.084E+01	3.219E-11
3007	39.89	3.989E+01	2.583E-11
3032	37.80	3.780E+01	1.598E-11
3089	43.24	4.324E+01	5.593E-11
3092	38.85	3.885E+01	2.034E-11
3096	40.74	4.074E+01	3.143E-11
3139	37.81	3.781E+01	1.601E-11
3167	40.17	4.017E+01	2.760E-11
3185	46.41	4.641E+01	1.160E-10
3203	38.31	3.831E+01	1.796E-11
3204	41.37	4.137E+01	3.635E-11
3234	38.14	3.814E+01	1.727E-11
3297	37.52	3.752E+01	1.499E-11
3354	37.48	3.748E+01	1.484E-11
3412	37.88	3.788E+01	1.628E-11
3478	39.09	3.909E+01	2.149E-11
3484	38.15	3.815E+01	1.733E-11
3550	38.54	3.854E+01	1.894E-11
3623	37.39	3.739E+01	1.454E-11
3690	37.29	3.729E+01	1.420E-11
3705	39.47	3.947E+01	2.350E-11
3764	37.17	3.717E+01	1.383E-11
3850	36.97	3.697E+01	1.322E-11
3921	37.13	3.713E+01	1.370E-11
3998	37.29	3.729E+01	1.421E-11
4071	37.47	3.747E+01	1.482E-11
4146	37.81	3.781E+01	1.600E-11
4230	37.75	3.775E+01	1.579E-11
4241	41.15	4.115E+01	3.459E-11
4308	38.29	3.829E+01	1.788E-11
4392	38.14	3.814E+01	1.728E-11
4478	38.69	3.869E+01	1.962E-11
4561	38.37	3.837E+01	1.821E-11
4654	38.46	3.846E+01	1.862E-11
4744	39.09	3.909E+01	2.154E-11
4778	44.63	4.463E+01	7.700E-11
4806	40.07	4.007E+01	2.697E-11
4840	38.35	3.835E+01	1.814E-11
4915	38.44	3.844E+01	1.851E-11
5049	39.20	3.920E+01	2.208E-11
5183	39.57	3.957E+01	2.403E-11
5274	38.90	3.890E+01	2.060E-11
5382	38.97	3.897E+01	2.093E-11
5481	38.86	3.886E+01	2.040E-11

5589	38.27	3.827E+01	1.779E-11
5701	38.73	3.873E+01	1.980E-11
5733	40.63	4.063E+01	3.069E-11
5758	49.69	4.969E+01	2.472E-10
5786	39.01	3.901E+01	2.112E-11
5826	38.16	3.816E+01	1.738E-11
5961	38.74	3.874E+01	1.982E-11
5993	46.20	4.620E+01	1.106E-10
6018	38.69	3.869E+01	1.964E-11
6172	37.93	3.793E+01	1.647E-11
6293	38.51	3.851E+01	1.883E-11
6415	39.14	3.914E+01	2.178E-11
6540	39.62	3.962E+01	2.430E-11
6667	39.60	3.960E+01	2.420E-11
6798	39.15	3.915E+01	2.179E-11
6929	39.06	3.906E+01	2.137E-11
7063	39.85	3.985E+01	2.564E-11
7201	39.67	3.967E+01	2.458E-11
7344	39.70	3.970E+01	2.474E-11
7479	39.67	3.967E+01	2.458E-11
7629	39.88	3.988E+01	2.578E-11
7777	40.02	4.002E+01	2.664E-11
7929	40.17	4.017E+01	2.757E-11
8083	40.08	4.008E+01	2.700E-11
8240	40.17	4.017E+01	2.757E-11
8385	45.08	4.508E+01	8.540E-11
8400	40.58	4.058E+01	3.034E-11
8562	40.35	4.035E+01	2.878E-11
8730	40.49	4.049E+01	2.971E-11
8900	40.11	4.011E+01	2.724E-11
9073	40.30	4.030E+01	2.843E-11
9249	40.93	4.093E+01	3.282E-11
9429	40.85	4.085E+01	3.224E-11
9613	40.39	4.039E+01	2.901E-11
9800	40.97	4.097E+01	3.314E-11
9913	43.70	4.370E+01	6.224E-11
9973	50.25	5.025E+01	2.810E-10
10023	41.26	4.126E+01	3.541E-11
10184	40.42	4.042E+01	2.920E-11
10382	40.81	4.081E+01	3.195E-11
10584	41.27	4.127E+01	3.557E-11
10766	41.27	4.127E+01	3.551E-11
10784	43.69	4.369E+01	6.205E-11
10807	41.82	4.182E+01	4.034E-11
11000	41.48	4.148E+01	3.732E-11
11225	41.22	4.122E+01	3.512E-11
11432	41.43	4.143E+01	3.689E-11
11657	41.45	4.145E+01	3.705E-11
11901	40.99	4.099E+01	3.333E-11

Calculate device radiated power from EMC test data

12112	41.31	4.131E+01	3.585E-11
12348	41.17	4.117E+01	3.477E-11
12597	41.56	4.156E+01	3.799E-11
12825	41.95	4.195E+01	4.160E-11
13082	42.18	4.218E+01	4.383E-11
13334	42.36	4.236E+01	4.563E-11
13596	43.31	4.331E+01	5.688E-11
13874	43.45	4.345E+01	5.873E-11
14103	43.41	4.341E+01	5.822E-11
14343	44.38	4.438E+01	7.266E-11
14622	44.02	4.402E+01	6.694E-11
14906	44.44	4.444E+01	7.381E-11
15196	44.30	4.430E+01	7.144E-11
15492	44.98	4.498E+01	8.343E-11
15798	44.91	4.491E+01	8.212E-11
16100	45.25	4.525E+01	8.888E-11
16413	45.89	4.589E+01	1.030E-10
16759	45.56	4.556E+01	9.536E-11
17034	45.69	4.569E+01	9.836E-11
17380	44.43	4.443E+01	7.363E-11
17520	44.04	4.404E+01	6.726E-11
17671	45.54	4.554E+01	9.495E-11
17765	46.82	4.682E+01	1.275E-10
17937	48.14	4.814E+01	1.729E-10
17956	49.49	4.949E+01	2.361E-10