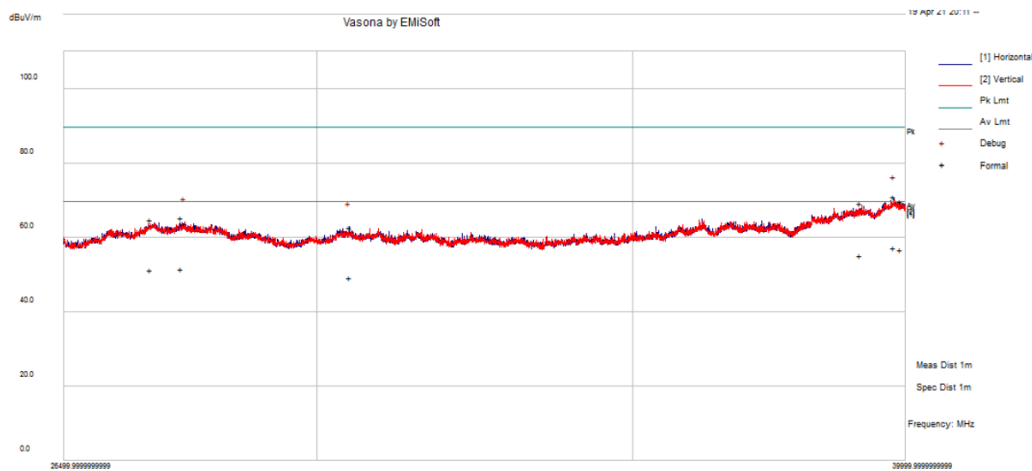


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 16 June 2022

FCC ID: 2ADHY-TRACKER-800W (Configuration 1, Figure/Page 34, Class A device)
Frequency span: 26,500 MHz to 40,000 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: -13.60 dB
No. of sample points: 13,500
Cumulative S level: 2.470×10^{-6} W/m²
Device radiated power: 0.1703 mW

EMC test spectral plot

26.5 GHz to 40 GHz



Plot of extracted data from EMC test spectral plot

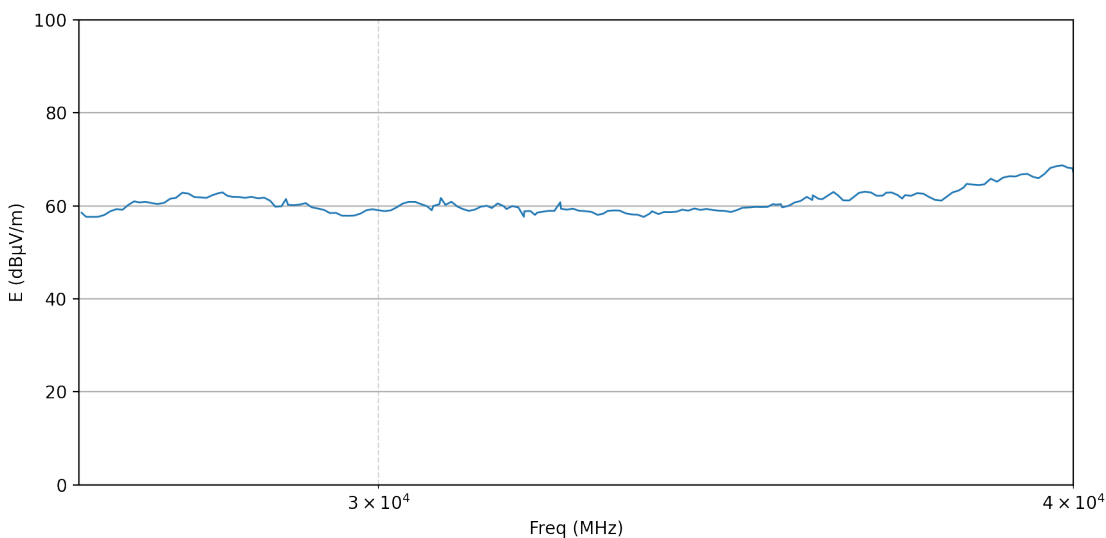


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
26526	58.53	4.493E+01	8.247E-11
26576	57.65	4.405E+01	6.745E-11
26642	57.64	4.404E+01	6.724E-11
26710	57.67	4.407E+01	6.775E-11
26776	58.03	4.443E+01	7.359E-11
26845	58.86	4.526E+01	8.916E-11
26912	59.31	4.571E+01	9.872E-11
26980	59.17	4.557E+01	9.570E-11
27043	60.19	4.659E+01	1.209E-10
27111	60.99	4.739E+01	1.454E-10
27168	60.75	4.715E+01	1.375E-10
27242	60.87	4.727E+01	1.413E-10
27310	60.60	4.700E+01	1.328E-10
27377	60.41	4.681E+01	1.272E-10
27450	60.67	4.707E+01	1.352E-10
27517	61.54	4.794E+01	1.650E-10
27584	61.74	4.814E+01	1.729E-10
27656	62.83	4.923E+01	2.220E-10
27726	62.65	4.905E+01	2.133E-10
27795	61.90	4.830E+01	1.795E-10
27865	61.83	4.823E+01	1.763E-10
27936	61.73	4.813E+01	1.725E-10
28007	62.34	4.874E+01	1.984E-10
28076	62.75	4.915E+01	2.181E-10
28122	62.90	4.930E+01	2.260E-10
28177	62.17	4.857E+01	1.910E-10
28242	61.94	4.834E+01	1.811E-10
28315	61.91	4.831E+01	1.797E-10
28384	61.73	4.813E+01	1.725E-10
28458	61.96	4.836E+01	1.818E-10
28538	61.63	4.803E+01	1.685E-10
28611	61.77	4.817E+01	1.740E-10
28681	61.12	4.752E+01	1.498E-10
28743	59.83	4.623E+01	1.113E-10
28816	59.92	4.632E+01	1.137E-10
28870	61.48	4.788E+01	1.628E-10
28894	60.24	4.664E+01	1.223E-10
28965	60.16	4.656E+01	1.202E-10
29030	60.28	4.668E+01	1.234E-10
29107	60.60	4.700E+01	1.328E-10
29180	59.69	4.609E+01	1.079E-10
29254	59.44	4.584E+01	1.018E-10
29330	59.12	4.552E+01	9.462E-11
29399	58.46	4.486E+01	8.129E-11
29475	58.50	4.490E+01	8.196E-11
29545	57.90	4.430E+01	7.145E-11

29624	57.88	4.428E+01	7.113E-11
29699	57.92	4.432E+01	7.176E-11
29774	58.35	4.475E+01	7.916E-11
29848	59.08	4.548E+01	9.361E-11
29924	59.29	4.569E+01	9.828E-11
29996	59.06	4.546E+01	9.319E-11
30075	58.88	4.528E+01	8.955E-11
30150	59.04	4.544E+01	9.278E-11
30226	59.71	4.611E+01	1.083E-10
30298	60.49	4.689E+01	1.297E-10
30376	60.87	4.727E+01	1.415E-10
30455	60.87	4.727E+01	1.413E-10
30533	60.38	4.678E+01	1.263E-10
30609	59.91	4.631E+01	1.135E-10
30667	59.06	4.546E+01	9.319E-11
30686	59.98	4.638E+01	1.153E-10
30763	60.37	4.677E+01	1.259E-10
30783	61.71	4.811E+01	1.717E-10
30841	60.23	4.663E+01	1.221E-10
30917	60.89	4.729E+01	1.420E-10
30996	59.85	4.625E+01	1.118E-10
31061	59.35	4.575E+01	9.960E-11
31140	58.93	4.533E+01	9.048E-11
31219	59.21	4.561E+01	9.643E-11
31294	59.83	4.623E+01	1.113E-10
31375	60.04	4.644E+01	1.168E-10
31438	59.54	4.594E+01	1.040E-10
31516	60.54	4.694E+01	1.312E-10
31595	59.93	4.633E+01	1.140E-10
31630	59.33	4.573E+01	9.933E-11
31706	59.96	4.636E+01	1.148E-10
31787	59.68	4.608E+01	1.077E-10
31859	57.67	4.407E+01	6.775E-11
31865	58.85	4.525E+01	8.889E-11
31946	58.90	4.530E+01	8.995E-11
32006	58.06	4.446E+01	7.402E-11
32033	58.54	4.494E+01	8.269E-11
32104	58.74	4.514E+01	8.671E-11
32188	58.94	4.534E+01	9.075E-11
32264	58.93	4.533E+01	9.041E-11
32344	60.79	4.719E+01	1.388E-10
32353	59.39	4.579E+01	1.005E-10
32432	59.19	4.559E+01	9.613E-11
32513	59.40	4.580E+01	1.009E-10
32590	58.97	4.537E+01	9.144E-11
32680	58.88	4.528E+01	8.938E-11
32765	58.71	4.511E+01	8.605E-11
32849	58.06	4.446E+01	7.411E-11
32925	58.35	4.475E+01	7.911E-11

32984	58.92	4.532E+01	9.027E-11
33068	59.02	4.542E+01	9.249E-11
33147	59.00	4.540E+01	9.196E-11
33233	58.40	4.480E+01	8.007E-11
33314	58.17	4.457E+01	7.602E-11
33398	58.10	4.450E+01	7.468E-11
33481	57.63	4.403E+01	6.715E-11
33566	58.36	4.476E+01	7.946E-11
33594	58.86	4.526E+01	8.896E-11
33686	58.25	4.465E+01	7.738E-11
33764	58.69	4.509E+01	8.567E-11
33849	58.65	4.505E+01	8.492E-11
33939	58.76	4.516E+01	8.704E-11
34019	59.19	4.559E+01	9.613E-11
34105	58.98	4.538E+01	9.156E-11
34191	59.45	4.585E+01	1.019E-10
34277	59.13	4.553E+01	9.486E-11
34360	59.35	4.575E+01	9.960E-11
34451	59.12	4.552E+01	9.462E-11
34536	58.97	4.537E+01	9.144E-11
34624	58.92	4.532E+01	9.035E-11
34711	58.69	4.509E+01	8.567E-11
34791	59.06	4.546E+01	9.319E-11
34879	59.60	4.600E+01	1.055E-10
34979	59.68	4.608E+01	1.075E-10
35062	59.79	4.619E+01	1.104E-10
35150	59.77	4.617E+01	1.098E-10
35244	59.80	4.620E+01	1.106E-10
35326	60.41	4.681E+01	1.272E-10
35364	60.25	4.665E+01	1.226E-10
35436	60.38	4.678E+01	1.265E-10
35457	59.69	4.609E+01	1.079E-10
35553	60.03	4.643E+01	1.166E-10
35640	60.73	4.713E+01	1.370E-10
35729	61.08	4.748E+01	1.484E-10
35819	61.94	4.834E+01	1.811E-10
35902	61.27	4.767E+01	1.552E-10
35910	62.29	4.869E+01	1.961E-10
35995	61.53	4.793E+01	1.647E-10
36053	61.45	4.785E+01	1.618E-10
36136	62.25	4.865E+01	1.944E-10
36218	63.00	4.940E+01	2.308E-10
36288	62.26	4.866E+01	1.948E-10
36364	61.19	4.759E+01	1.524E-10
36456	61.17	4.757E+01	1.517E-10
36546	62.17	4.857E+01	1.910E-10
36601	62.81	4.921E+01	2.210E-10
36691	63.05	4.945E+01	2.335E-10
36784	62.90	4.930E+01	2.257E-10

Calculate device radiated power from EMC test data

36874	62.17	4.857E+01	1.910E-10
36964	62.21	4.861E+01	1.927E-10
37018	62.84	4.924E+01	2.228E-10
37103	62.89	4.929E+01	2.250E-10
37197	62.31	4.871E+01	1.970E-10
37264	61.58	4.798E+01	1.665E-10
37306	62.31	4.871E+01	1.970E-10
37400	62.17	4.857E+01	1.910E-10
37498	62.75	4.915E+01	2.181E-10
37593	62.62	4.902E+01	2.117E-10
37680	61.93	4.833E+01	1.804E-10
37774	61.31	4.771E+01	1.565E-10
37873	61.13	4.753E+01	1.504E-10
37969	62.10	4.850E+01	1.876E-10
38051	62.92	4.932E+01	2.267E-10
38144	63.30	4.970E+01	2.475E-10
38228	63.99	5.039E+01	2.902E-10
38271	64.74	5.114E+01	3.445E-10
38377	64.58	5.098E+01	3.327E-10
38465	64.48	5.088E+01	3.250E-10
38554	64.64	5.104E+01	3.370E-10
38656	65.85	5.225E+01	4.453E-10
38757	65.21	5.161E+01	3.845E-10
38858	66.11	5.251E+01	4.732E-10
38958	66.39	5.279E+01	5.038E-10
39056	66.33	5.273E+01	4.971E-10
39144	66.78	5.318E+01	5.513E-10
39247	66.89	5.329E+01	5.653E-10
39338	66.26	5.266E+01	4.893E-10
39429	65.96	5.236E+01	4.570E-10
39524	66.86	5.326E+01	5.613E-10
39621	68.16	5.456E+01	7.577E-10
39726	68.55	5.495E+01	8.299E-10
39821	68.73	5.513E+01	8.634E-10
39910	68.22	5.462E+01	7.693E-10
39986	68.10	5.450E+01	7.472E-10
40003	67.14	5.354E+01	5.988E-10