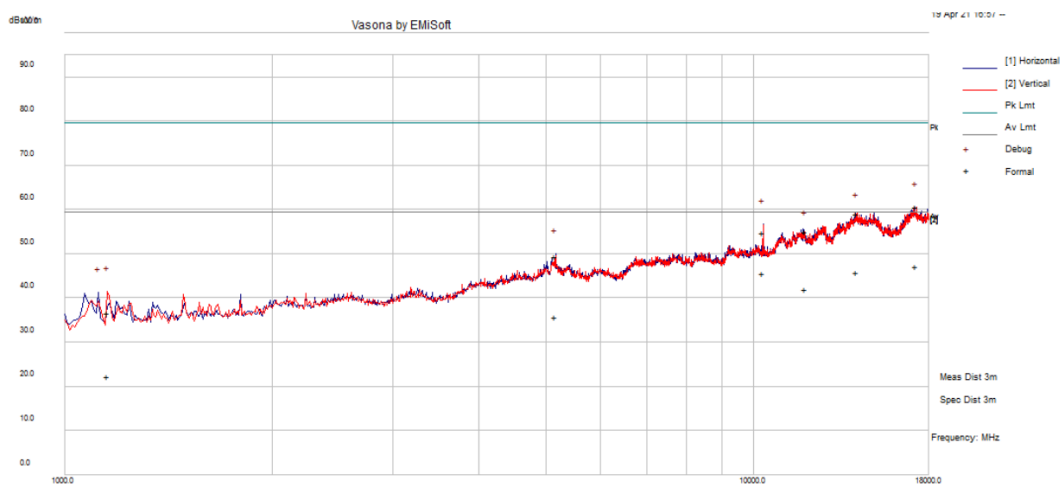


Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 16 June 2022

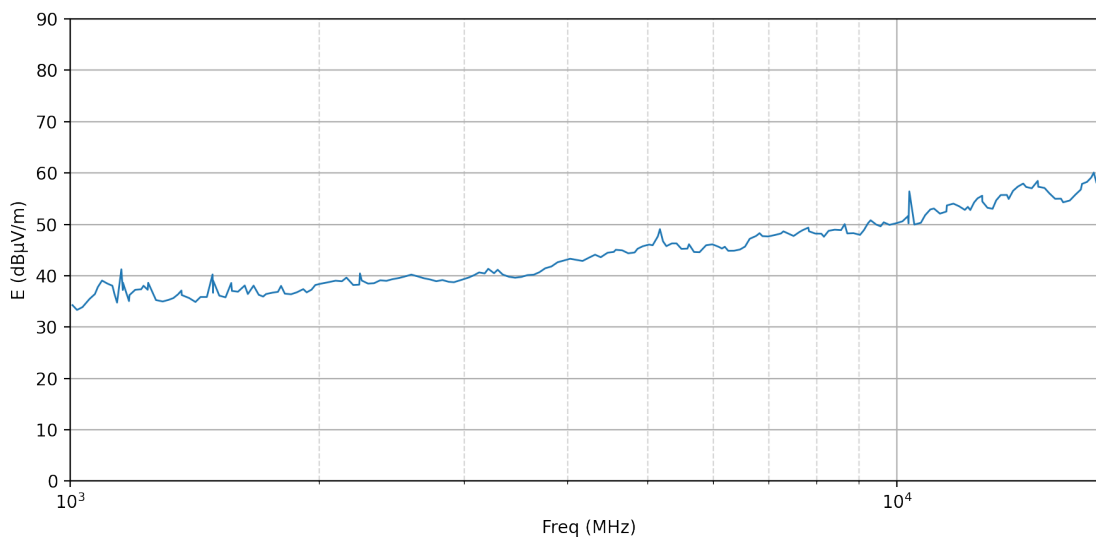
FCC ID: 2ADHY-TRACKER-800W (Configuration 1, Figure/Page 32, Class A device)  
Frequency span: 1,000 MHz to 18,000 MHz  
RBW: 1.0 MHz, distance: 3 m  
Peak-to-average correction: -12.90 dB  
No. of sample points: 17,000  
Cumulative S level:  $4.612\text{E-}07 \text{ W/m}^2$   
Device radiated power: 0.0318 mW

## EMC test spectral plot

1 GHz to 18 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)
1007	34.27	2.137E+01	3.633E-13
1020	33.33	2.043E+01	2.925E-13
1035	33.87	2.097E+01	3.319E-13
1056	35.47	2.257E+01	4.798E-13
1072	36.42	2.352E+01	5.967E-13
1081	37.79	2.489E+01	8.183E-13
1093	39.05	2.615E+01	1.093E-12
1109	38.48	2.558E+01	9.583E-13
1125	38.04	2.514E+01	8.658E-13
1132	36.42	2.352E+01	5.967E-13
1140	34.76	2.186E+01	4.066E-13
1154	41.24	2.834E+01	1.810E-12
1158	37.20	2.430E+01	7.147E-13
1159	38.64	2.574E+01	9.950E-13
1178	35.05	2.215E+01	4.351E-13
1180	36.23	2.333E+01	5.704E-13
1199	37.25	2.435E+01	7.228E-13
1219	37.35	2.445E+01	7.393E-13
1227	38.04	2.514E+01	8.658E-13
1241	37.25	2.435E+01	7.228E-13
1243	38.61	2.571E+01	9.875E-13
1270	35.25	2.235E+01	4.552E-13
1295	34.98	2.208E+01	4.278E-13
1315	35.28	2.238E+01	4.586E-13
1333	35.64	2.274E+01	4.982E-13
1351	36.36	2.346E+01	5.878E-13
1364	37.11	2.421E+01	6.988E-13
1365	36.23	2.333E+01	5.704E-13
1394	35.64	2.274E+01	4.982E-13
1418	34.88	2.198E+01	4.183E-13
1438	35.85	2.295E+01	5.235E-13
1464	35.85	2.295E+01	5.231E-13
1487	40.24	2.734E+01	1.438E-12
1489	36.67	2.377E+01	6.313E-13
1489	37.69	2.479E+01	8.001E-13
1490	39.00	2.610E+01	1.081E-12
1515	36.11	2.321E+01	5.556E-13
1542	35.78	2.288E+01	5.153E-13
1567	38.58	2.568E+01	9.801E-13
1570	37.03	2.413E+01	6.858E-13
1596	36.88	2.398E+01	6.629E-13
1627	38.09	2.519E+01	8.756E-13
1641	36.42	2.352E+01	5.967E-13
1667	38.06	2.516E+01	8.707E-13
1691	36.27	2.337E+01	5.769E-13
1712	35.93	2.303E+01	5.331E-13

## Calculate device radiated power from EMC test data

1726	36.42	2.352E+01	5.967E-13
1758	36.70	2.380E+01	6.356E-13
1784	36.85	2.395E+01	6.590E-13
1800	38.01	2.511E+01	8.609E-13
1819	36.50	2.360E+01	6.076E-13
1850	36.38	2.348E+01	5.913E-13
1881	36.76	2.386E+01	6.457E-13
1915	37.38	2.448E+01	7.443E-13
1933	36.75	2.385E+01	6.433E-13
1959	37.27	2.437E+01	7.255E-13
1980	38.18	2.528E+01	8.956E-13
2012	38.45	2.555E+01	9.511E-13
2053	38.72	2.582E+01	1.014E-12
2095	39.02	2.612E+01	1.085E-12
2132	38.91	2.601E+01	1.058E-12
2159	39.62	2.672E+01	1.247E-12
2200	38.18	2.528E+01	8.956E-13
2237	38.25	2.535E+01	9.091E-13
2242	40.44	2.754E+01	1.505E-12
2253	39.05	2.615E+01	1.093E-12
2293	38.46	2.556E+01	9.540E-13
2331	38.53	2.563E+01	9.691E-13
2372	39.10	2.620E+01	1.105E-12
2413	38.99	2.609E+01	1.079E-12
2452	39.30	2.640E+01	1.158E-12
2498	39.54	2.664E+01	1.223E-12
2542	39.85	2.695E+01	1.314E-12
2587	40.21	2.731E+01	1.427E-12
2632	39.87	2.697E+01	1.319E-12
2679	39.50	2.660E+01	1.212E-12
2725	39.26	2.636E+01	1.148E-12
2772	38.92	2.602E+01	1.061E-12
2821	39.15	2.625E+01	1.118E-12
2869	38.81	2.591E+01	1.035E-12
2912	38.72	2.582E+01	1.014E-12
2971	39.16	2.626E+01	1.122E-12
3037	39.65	2.675E+01	1.256E-12
3083	40.12	2.722E+01	1.400E-12
3124	40.63	2.773E+01	1.574E-12
3173	40.44	2.754E+01	1.505E-12
3204	41.34	2.844E+01	1.852E-12
3257	40.48	2.758E+01	1.518E-12
3289	41.16	2.826E+01	1.775E-12
3336	40.23	2.733E+01	1.433E-12
3394	39.78	2.688E+01	1.295E-12
3453	39.60	2.670E+01	1.242E-12
3514	39.75	2.685E+01	1.285E-12
3575	40.11	2.721E+01	1.396E-12
3638	40.19	2.729E+01	1.422E-12

3696	40.69	2.779E+01	1.593E-12
3755	41.44	2.854E+01	1.896E-12
3821	41.79	2.889E+01	2.056E-12
3887	42.61	2.971E+01	2.483E-12
3956	42.95	3.005E+01	2.685E-12
4025	43.30	3.040E+01	2.905E-12
4087	43.10	3.020E+01	2.777E-12
4167	42.87	2.997E+01	2.635E-12
4240	43.49	3.059E+01	3.039E-12
4314	44.08	3.118E+01	3.484E-12
4383	43.59	3.069E+01	3.111E-12
4467	44.47	3.157E+01	3.806E-12
4544	44.63	3.173E+01	3.947E-12
4571	45.04	3.214E+01	4.344E-12
4654	44.93	3.203E+01	4.233E-12
4732	44.36	3.146E+01	3.709E-12
4816	44.51	3.161E+01	3.846E-12
4857	45.25	3.235E+01	4.553E-12
4927	45.73	3.283E+01	5.095E-12
5014	46.05	3.315E+01	5.484E-12
5065	45.92	3.302E+01	5.322E-12
5138	47.65	3.475E+01	7.920E-12
5168	49.06	3.616E+01	1.095E-11
5213	46.68	3.378E+01	6.338E-12
5262	45.75	3.285E+01	5.110E-12
5343	46.28	3.338E+01	5.781E-12
5413	46.28	3.338E+01	5.781E-12
5487	45.22	3.232E+01	4.530E-12
5579	45.27	3.237E+01	4.579E-12
5604	46.12	3.322E+01	5.567E-12
5683	44.61	3.171E+01	3.936E-12
5770	44.56	3.166E+01	3.892E-12
5877	45.92	3.302E+01	5.322E-12
5982	46.10	3.320E+01	5.542E-12
6085	45.63	3.273E+01	4.973E-12
6142	45.29	3.239E+01	4.596E-12
6191	45.63	3.273E+01	4.973E-12
6251	44.85	3.195E+01	4.152E-12
6354	44.86	3.196E+01	4.168E-12
6459	45.10	3.220E+01	4.400E-12
6550	45.66	3.276E+01	5.011E-12
6636	47.18	3.428E+01	7.108E-12
6756	47.74	3.484E+01	8.091E-12
6821	48.28	3.538E+01	9.145E-12
6875	47.70	3.480E+01	8.010E-12
6990	47.64	3.474E+01	7.898E-12
7114	47.91	3.501E+01	8.410E-12
7239	48.22	3.532E+01	9.022E-12
7289	48.63	3.573E+01	9.933E-12

7406	48.13	3.523E+01	8.841E-12
7499	47.73	3.483E+01	8.060E-12
7623	48.52	3.562E+01	9.675E-12
7701	48.91	3.601E+01	1.059E-11
7813	49.35	3.645E+01	1.172E-11
7827	48.65	3.575E+01	9.963E-12
7963	48.21	3.531E+01	8.999E-12
8100	48.18	3.528E+01	8.941E-12
8159	47.59	3.469E+01	7.809E-12
8266	48.73	3.583E+01	1.016E-11
8408	48.96	3.606E+01	1.069E-11
8558	48.88	3.598E+01	1.050E-11
8645	50.04	3.714E+01	1.373E-11
8707	48.23	3.533E+01	9.042E-12
8860	48.28	3.538E+01	9.145E-12
9022	47.95	3.505E+01	8.482E-12
9120	48.86	3.596E+01	1.047E-11
9226	50.22	3.732E+01	1.430E-11
9292	50.79	3.789E+01	1.632E-11
9435	49.97	3.707E+01	1.351E-11
9554	49.61	3.671E+01	1.243E-11
9637	50.39	3.749E+01	1.489E-11
9793	49.90	3.700E+01	1.329E-11
9976	50.21	3.731E+01	1.427E-11
10154	50.58	3.768E+01	1.556E-11
10311	51.61	3.871E+01	1.969E-11
10326	50.19	3.729E+01	1.420E-11
10350	56.41	4.351E+01	5.957E-11
10496	49.95	3.705E+01	1.346E-11
10688	50.30	3.740E+01	1.459E-11
10815	51.77	3.887E+01	2.045E-11
10972	52.90	4.000E+01	2.650E-11
11084	53.08	4.018E+01	2.762E-11
11271	52.09	3.919E+01	2.199E-11
11475	52.49	3.959E+01	2.412E-11
11489	53.68	4.078E+01	3.172E-11
11700	54.03	4.113E+01	3.439E-11
11880	53.55	4.065E+01	3.078E-11
12080	52.81	3.991E+01	2.601E-11
12181	53.40	4.050E+01	2.978E-11
12264	52.78	3.988E+01	2.581E-11
12396	54.27	4.137E+01	3.632E-11
12514	55.06	4.216E+01	4.361E-11
12678	55.57	4.267E+01	4.909E-11
12682	54.45	4.155E+01	3.788E-11
12865	53.23	4.033E+01	2.861E-11
13050	53.03	4.013E+01	2.731E-11
13183	54.68	4.178E+01	3.996E-11
13349	55.70	4.280E+01	5.058E-11

## Calculate device radiated power from EMC test data

13580	55.72	4.282E+01	5.078E-11
13648	54.94	4.204E+01	4.240E-11
13815	56.53	4.363E+01	6.113E-11
13999	57.34	4.444E+01	7.378E-11
14211	57.94	4.504E+01	8.465E-11
14328	57.27	4.437E+01	7.258E-11
14554	57.02	4.412E+01	6.848E-11
14798	58.46	4.556E+01	9.551E-11
14820	57.32	4.442E+01	7.341E-11
15082	57.08	4.418E+01	6.942E-11
15286	56.04	4.314E+01	5.461E-11
15532	54.97	4.207E+01	4.276E-11
15787	55.00	4.210E+01	4.300E-11
15884	54.28	4.138E+01	3.648E-11
16180	54.64	4.174E+01	3.962E-11
16435	55.78	4.288E+01	5.148E-11
16684	56.77	4.387E+01	6.472E-11
16740	57.88	4.498E+01	8.350E-11
16972	58.25	4.535E+01	9.100E-11
17173	59.10	4.620E+01	1.107E-10
17298	60.08	4.718E+01	1.386E-10
17429	58.08	4.518E+01	8.751E-11
17743	57.65	4.475E+01	7.920E-11
17950	58.19	4.529E+01	8.966E-11