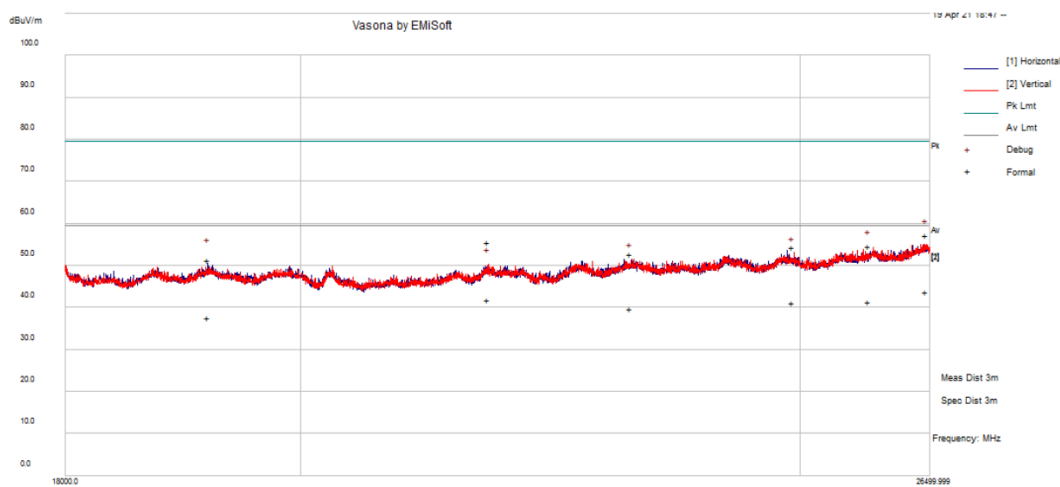


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 16 June 2022

FCC ID: 2ADHY-TRACKER-800W (Configuration 1, Figure/Page 33, Class A device)
Frequency span: 18,000 MHz to 26,500 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: -13.40 dB
No. of sample points: 8,500
Cumulative S level: $8.091\text{E-}08 \text{ W/m}^2$
Device radiated power: 0.0056 mW

EMC test spectral plot

18 GHz to 26.5 GHz



Plot of extracted data from EMC test spectral plot

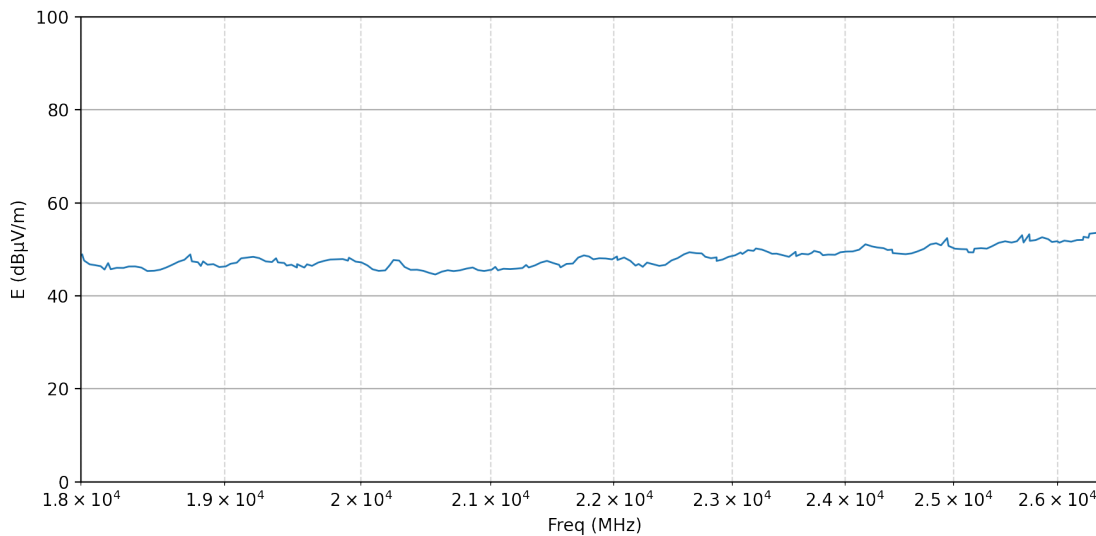


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
18007	48.89	3.549E+01	9.398E-12
18020	47.60	3.420E+01	6.974E-12
18057	46.79	3.339E+01	5.790E-12
18094	46.61	3.321E+01	5.555E-12
18133	46.39	3.299E+01	5.281E-12
18159	45.67	3.227E+01	4.472E-12
18184	47.06	3.366E+01	6.163E-12
18201	45.74	3.234E+01	4.543E-12
18243	46.04	3.264E+01	4.874E-12
18288	46.01	3.261E+01	4.843E-12
18326	46.32	3.292E+01	5.201E-12
18369	46.34	3.294E+01	5.219E-12
18414	46.08	3.268E+01	4.918E-12
18454	45.35	3.195E+01	4.157E-12
18502	45.41	3.201E+01	4.214E-12
18544	45.63	3.223E+01	4.434E-12
18585	46.10	3.270E+01	4.937E-12
18629	46.70	3.330E+01	5.671E-12
18673	47.37	3.397E+01	6.619E-12
18714	47.77	3.437E+01	7.254E-12
18730	48.22	3.482E+01	8.053E-12
18755	48.92	3.552E+01	9.454E-12
18766	47.43	3.403E+01	6.707E-12
18809	47.23	3.383E+01	6.412E-12
18829	46.44	3.304E+01	5.344E-12
18846	47.42	3.402E+01	6.698E-12
18877	46.71	3.331E+01	5.688E-12
18919	46.82	3.342E+01	5.831E-12
18960	46.21	3.281E+01	5.062E-12
19007	46.34	3.294E+01	5.219E-12
19042	46.91	3.351E+01	5.958E-12
19086	47.15	3.375E+01	6.290E-12
19118	48.08	3.468E+01	7.786E-12
19163	48.24	3.484E+01	8.087E-12
19205	48.40	3.500E+01	8.395E-12
19248	48.12	3.472E+01	7.870E-12
19296	47.42	3.402E+01	6.698E-12
19341	47.29	3.389E+01	6.489E-12
19371	48.09	3.469E+01	7.817E-12
19385	47.21	3.381E+01	6.372E-12
19431	47.08	3.368E+01	6.188E-12
19448	46.52	3.312E+01	5.447E-12
19483	46.70	3.330E+01	5.671E-12
19524	46.10	3.270E+01	4.937E-12
19525	46.82	3.342E+01	5.831E-12
19578	46.09	3.269E+01	4.932E-12

19598	46.79	3.339E+01	5.785E-12
19635	46.47	3.307E+01	5.376E-12
19680	47.16	3.376E+01	6.312E-12
19726	47.54	3.414E+01	6.886E-12
19771	47.82	3.442E+01	7.337E-12
19818	47.87	3.447E+01	7.429E-12
19864	47.92	3.452E+01	7.513E-12
19902	47.58	3.418E+01	6.941E-12
19910	48.21	3.481E+01	8.037E-12
19960	47.38	3.398E+01	6.627E-12
20004	47.19	3.379E+01	6.355E-12
20049	46.56	3.316E+01	5.489E-12
20088	45.72	3.232E+01	4.525E-12
20134	45.39	3.199E+01	4.191E-12
20184	45.48	3.208E+01	4.286E-12
20217	46.55	3.315E+01	5.473E-12
20247	47.71	3.431E+01	7.156E-12
20290	47.60	3.420E+01	6.982E-12
20332	46.22	3.282E+01	5.079E-12
20378	45.60	3.220E+01	4.404E-12
20427	45.63	3.223E+01	4.430E-12
20475	45.39	3.199E+01	4.194E-12
20518	44.98	3.158E+01	3.818E-12
20568	44.60	3.120E+01	3.501E-12
20619	45.21	3.181E+01	4.029E-12
20665	45.51	3.211E+01	4.315E-12
20711	45.34	3.194E+01	4.143E-12
20760	45.50	3.210E+01	4.300E-12
20812	45.87	3.247E+01	4.689E-12
20860	46.11	3.271E+01	4.947E-12
20901	45.54	3.214E+01	4.344E-12
20950	45.36	3.196E+01	4.168E-12
21010	45.63	3.223E+01	4.436E-12
21038	46.24	3.284E+01	5.096E-12
21059	45.50	3.210E+01	4.300E-12
21103	45.84	3.244E+01	4.648E-12
21157	45.77	3.237E+01	4.579E-12
21209	45.87	3.247E+01	4.683E-12
21255	45.99	3.259E+01	4.821E-12
21284	46.65	3.325E+01	5.604E-12
21305	46.11	3.271E+01	4.953E-12
21357	46.59	3.319E+01	5.525E-12
21400	47.15	3.375E+01	6.290E-12
21451	47.53	3.413E+01	6.871E-12
21503	47.06	3.366E+01	6.163E-12
21550	46.69	3.329E+01	5.654E-12
21561	46.13	3.273E+01	4.976E-12
21611	46.88	3.348E+01	5.917E-12
21662	46.96	3.356E+01	6.019E-12

Calculate device radiated power from EMC test data

21705	48.24	3.484E+01	8.087E-12
21753	48.71	3.531E+01	9.015E-12
21794	48.48	3.508E+01	8.538E-12
21830	47.87	3.447E+01	7.425E-12
21878	48.09	3.469E+01	7.817E-12
21932	48.05	3.465E+01	7.735E-12
21984	47.85	3.445E+01	7.395E-12
22025	48.48	3.508E+01	8.546E-12
22029	47.72	3.432E+01	7.176E-12
22084	48.26	3.486E+01	8.114E-12
22136	47.54	3.414E+01	6.886E-12
22179	46.51	3.311E+01	5.429E-12
22205	46.86	3.346E+01	5.877E-12
22240	46.26	3.286E+01	5.120E-12
22276	47.16	3.376E+01	6.312E-12
22322	46.84	3.344E+01	5.857E-12
22378	46.47	3.307E+01	5.372E-12
22429	46.66	3.326E+01	5.619E-12
22482	47.62	3.422E+01	7.012E-12
22534	48.13	3.473E+01	7.887E-12
22589	48.96	3.556E+01	9.544E-12
22635	49.39	3.599E+01	1.054E-11
22694	49.18	3.578E+01	1.003E-11
22739	49.14	3.574E+01	9.944E-12
22770	48.42	3.502E+01	8.428E-12
22818	48.11	3.471E+01	7.840E-12
22867	48.28	3.488E+01	8.165E-12
22867	47.53	3.413E+01	6.859E-12
22918	47.81	3.441E+01	7.322E-12
22970	48.40	3.500E+01	8.395E-12
23027	48.73	3.533E+01	9.042E-12
23074	49.33	3.593E+01	1.040E-11
23091	49.02	3.562E+01	9.681E-12
23138	49.84	3.644E+01	1.168E-11
23188	49.69	3.629E+01	1.130E-11
23208	50.20	3.680E+01	1.269E-11
23261	49.95	3.655E+01	1.199E-11
23316	49.44	3.604E+01	1.065E-11
23349	49.07	3.567E+01	9.780E-12
23390	49.09	3.569E+01	9.826E-12
23450	48.71	3.531E+01	9.015E-12
23499	48.41	3.501E+01	8.407E-12
23558	49.48	3.608E+01	1.076E-11
23563	48.56	3.516E+01	8.699E-12
23613	49.07	3.567E+01	9.778E-12
23670	48.93	3.553E+01	9.476E-12
23700	49.23	3.583E+01	1.015E-11
23723	49.68	3.628E+01	1.125E-11
23775	49.36	3.596E+01	1.047E-11

Calculate device radiated power from EMC test data

23801	48.75	3.535E+01	9.087E-12
23848	48.88	3.548E+01	9.364E-12
23910	48.85	3.545E+01	9.295E-12
23959	49.38	3.598E+01	1.052E-11
24014	49.54	3.614E+01	1.090E-11
24069	49.56	3.616E+01	1.096E-11
24128	49.94	3.654E+01	1.196E-11
24186	51.10	3.770E+01	1.561E-11
24245	50.65	3.725E+01	1.408E-11
24294	50.42	3.702E+01	1.334E-11
24352	50.26	3.686E+01	1.288E-11
24388	49.87	3.647E+01	1.178E-11
24430	49.95	3.655E+01	1.199E-11
24435	49.20	3.580E+01	1.009E-11
24500	49.08	3.568E+01	9.814E-12
24554	48.98	3.558E+01	9.580E-12
24610	49.15	3.575E+01	9.967E-12
24666	49.58	3.618E+01	1.101E-11
24725	50.13	3.673E+01	1.250E-11
24785	51.09	3.769E+01	1.557E-11
24838	51.32	3.792E+01	1.644E-11
24884	50.88	3.748E+01	1.485E-11
24903	51.40	3.800E+01	1.672E-11
24941	52.43	3.903E+01	2.121E-11
24954	50.75	3.735E+01	1.443E-11
25014	50.16	3.676E+01	1.257E-11
25071	50.07	3.667E+01	1.231E-11
25127	50.03	3.663E+01	1.220E-11
25142	49.38	3.598E+01	1.052E-11
25189	49.36	3.596E+01	1.046E-11
25199	50.16	3.676E+01	1.257E-11
25262	50.26	3.686E+01	1.288E-11
25317	50.17	3.677E+01	1.261E-11
25372	50.74	3.734E+01	1.437E-11
25429	51.41	3.801E+01	1.676E-11
25492	51.75	3.835E+01	1.812E-11
25554	51.48	3.808E+01	1.705E-11
25606	51.76	3.836E+01	1.818E-11
25656	53.05	3.965E+01	2.446E-11
25670	51.49	3.809E+01	1.707E-11
25725	53.25	3.985E+01	2.565E-11
25730	51.84	3.844E+01	1.852E-11
25786	52.00	3.860E+01	1.922E-11
25850	52.61	3.921E+01	2.210E-11
25910	52.20	3.880E+01	2.011E-11
25945	51.60	3.820E+01	1.754E-11
25997	51.75	3.835E+01	1.814E-11
26019	51.47	3.807E+01	1.699E-11
26067	51.89	3.849E+01	1.872E-11

Calculate device radiated power from EMC test data

26134	51.67	3.827E+01	1.780E-11
26192	52.01	3.861E+01	1.925E-11
26250	52.04	3.864E+01	1.940E-11
26256	52.72	3.932E+01	2.267E-11
26305	52.51	3.911E+01	2.162E-11
26315	53.38	3.998E+01	2.640E-11
26377	53.54	4.014E+01	2.736E-11
26437	53.96	4.056E+01	3.015E-11
26482	53.98	4.058E+01	3.030E-11