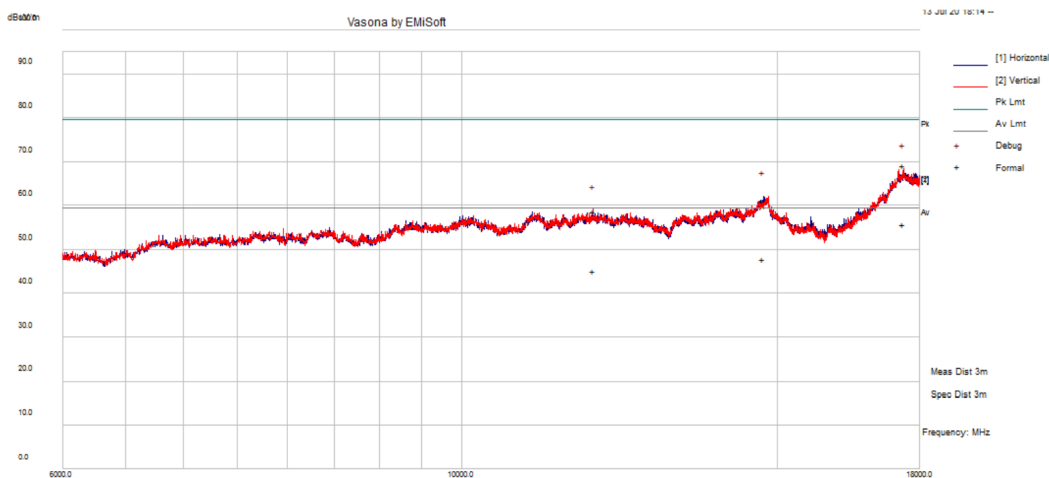


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 16 June 2022

FCC ID: 2ADHY-TRACKER-300W (Configuration 1, Figure/Page 3, Class A device)
Frequency span: 6,000 MHz to 18,000 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: -13.40 dB
No. of sample points: 12,000
Cumulative S level: $8.436\text{E-}07 \text{ W/m}^2$
Device radiated power: 0.0582 mW

EMC test spectral plot

3) 6 GHz to 18 GHz at a 3m test distance



Plot of extracted data from EMC test spectral plot

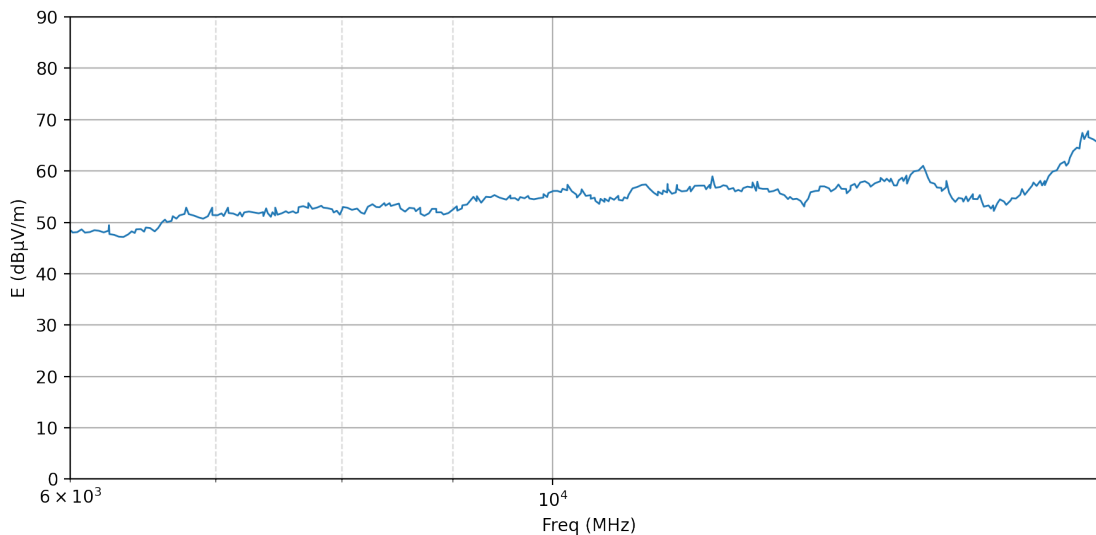


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
6009	48.29	3.489E+01	8.184E-12
6016	48.01	3.461E+01	7.676E-12
6046	48.09	3.469E+01	7.815E-12
6074	48.63	3.523E+01	8.839E-12
6096	48.00	3.460E+01	7.643E-12
6127	48.11	3.471E+01	7.842E-12
6157	48.47	3.507E+01	8.518E-12
6185	48.36	3.496E+01	8.308E-12
6218	48.04	3.464E+01	7.728E-12
6249	48.37	3.497E+01	8.326E-12
6253	49.44	3.604E+01	1.067E-11
6255	47.71	3.431E+01	7.158E-12
6286	47.57	3.417E+01	6.923E-12
6318	47.20	3.380E+01	6.368E-12
6349	47.15	3.375E+01	6.290E-12
6381	47.66	3.426E+01	7.077E-12
6405	48.24	3.484E+01	8.087E-12
6425	47.93	3.453E+01	7.535E-12
6435	48.64	3.524E+01	8.865E-12
6467	48.68	3.528E+01	8.941E-12
6489	48.18	3.478E+01	7.977E-12
6501	48.99	3.559E+01	9.605E-12
6530	48.90	3.550E+01	9.401E-12
6563	48.24	3.484E+01	8.080E-12
6586	48.89	3.549E+01	9.385E-12
6612	49.96	3.656E+01	1.203E-11
6634	50.52	3.712E+01	1.367E-11
6649	50.05	3.665E+01	1.227E-11
6680	50.27	3.687E+01	1.291E-11
6690	51.19	3.779E+01	1.595E-11
6715	50.72	3.732E+01	1.431E-11
6737	51.36	3.796E+01	1.656E-11
6773	51.62	3.822E+01	1.761E-11
6785	52.86	3.946E+01	2.344E-11
6804	51.59	3.819E+01	1.748E-11
6839	51.33	3.793E+01	1.648E-11
6875	50.95	3.755E+01	1.510E-11
6908	50.71	3.731E+01	1.429E-11
6943	51.19	3.779E+01	1.594E-11
6974	52.86	3.946E+01	2.344E-11
6976	51.41	3.801E+01	1.679E-11
7013	51.38	3.798E+01	1.665E-11
7044	51.74	3.834E+01	1.809E-11
7060	51.23	3.783E+01	1.609E-11
7092	52.86	3.946E+01	2.344E-11
7097	51.81	3.841E+01	1.840E-11

7132	51.71	3.831E+01	1.798E-11
7166	51.32	3.792E+01	1.643E-11
7182	51.93	3.853E+01	1.892E-11
7199	51.14	3.774E+01	1.575E-11
7215	51.93	3.853E+01	1.892E-11
7250	52.10	3.870E+01	1.966E-11
7285	51.95	3.855E+01	1.898E-11
7326	51.76	3.836E+01	1.816E-11
7360	51.98	3.858E+01	1.913E-11
7363	51.23	3.783E+01	1.609E-11
7384	52.71	3.931E+01	2.265E-11
7397	51.80	3.840E+01	1.834E-11
7421	51.08	3.768E+01	1.555E-11
7434	51.97	3.857E+01	1.909E-11
7455	51.34	3.794E+01	1.650E-11
7455	52.86	3.946E+01	2.344E-11
7474	51.49	3.809E+01	1.708E-11
7508	51.77	3.837E+01	1.824E-11
7540	52.16	3.876E+01	1.992E-11
7561	51.85	3.845E+01	1.855E-11
7596	52.14	3.874E+01	1.986E-11
7620	51.81	3.841E+01	1.839E-11
7638	51.97	3.857E+01	1.909E-11
7642	52.95	3.955E+01	2.391E-11
7679	53.15	3.975E+01	2.503E-11
7720	52.80	3.940E+01	2.308E-11
7721	53.75	4.035E+01	2.878E-11
7754	52.63	3.923E+01	2.221E-11
7793	52.87	3.947E+01	2.350E-11
7828	53.22	3.982E+01	2.546E-11
7844	52.86	3.946E+01	2.344E-11
7878	52.77	3.937E+01	2.293E-11
7918	52.55	3.915E+01	2.180E-11
7931	51.92	3.852E+01	1.884E-11
7957	52.26	3.886E+01	2.038E-11
7983	51.50	3.810E+01	1.711E-11
8001	52.42	3.902E+01	2.115E-11
8009	52.98	3.958E+01	2.409E-11
8047	52.84	3.944E+01	2.332E-11
8086	52.43	3.903E+01	2.120E-11
8130	52.68	3.928E+01	2.246E-11
8165	51.90	3.850E+01	1.876E-11
8193	51.66	3.826E+01	1.776E-11
8223	53.03	3.963E+01	2.437E-11
8264	53.52	4.012E+01	2.726E-11
8296	52.99	3.959E+01	2.411E-11
8326	52.94	3.954E+01	2.384E-11
8368	53.74	4.034E+01	2.870E-11
8378	53.25	3.985E+01	2.564E-11

8414	53.73	4.033E+01	2.864E-11
8426	53.19	3.979E+01	2.527E-11
8470	53.48	4.008E+01	2.699E-11
8498	53.65	4.025E+01	2.813E-11
8512	52.70	3.930E+01	2.257E-11
8554	52.09	3.869E+01	1.961E-11
8592	52.83	3.943E+01	2.326E-11
8637	52.71	3.931E+01	2.265E-11
8652	52.17	3.877E+01	1.998E-11
8691	52.86	3.946E+01	2.344E-11
8694	51.68	3.828E+01	1.787E-11
8730	51.28	3.788E+01	1.627E-11
8772	51.76	3.836E+01	1.818E-11
8801	52.62	3.922E+01	2.218E-11
8840	52.62	3.922E+01	2.219E-11
8841	51.95	3.855E+01	1.898E-11
8888	51.96	3.856E+01	1.902E-11
8909	51.51	3.811E+01	1.718E-11
8955	51.81	3.841E+01	1.838E-11
8997	52.48	3.908E+01	2.147E-11
9035	53.12	3.972E+01	2.488E-11
9040	52.28	3.888E+01	2.049E-11
9084	52.71	3.931E+01	2.265E-11
9088	53.31	3.991E+01	2.597E-11
9133	53.46	4.006E+01	2.687E-11
9172	54.39	4.099E+01	3.328E-11
9195	54.96	4.156E+01	3.802E-11
9226	54.13	4.073E+01	3.141E-11
9229	55.09	4.169E+01	3.915E-11
9271	53.83	4.043E+01	2.927E-11
9318	54.98	4.158E+01	3.813E-11
9364	54.89	4.149E+01	3.738E-11
9402	55.30	4.190E+01	4.112E-11
9451	54.82	4.142E+01	3.683E-11
9496	54.57	4.117E+01	3.474E-11
9521	54.42	4.102E+01	3.357E-11
9562	55.24	4.184E+01	4.052E-11
9563	54.66	4.126E+01	3.546E-11
9608	54.72	4.132E+01	3.594E-11
9642	54.29	4.089E+01	3.253E-11
9662	54.91	4.151E+01	3.760E-11
9706	54.69	4.129E+01	3.569E-11
9743	55.14	4.174E+01	3.960E-11
9756	54.65	4.125E+01	3.533E-11
9803	54.49	4.109E+01	3.408E-11
9853	54.69	4.129E+01	3.570E-11
9902	54.82	4.142E+01	3.682E-11
9903	55.49	4.209E+01	4.296E-11
9942	54.93	4.153E+01	3.771E-11

Calculate device radiated power from EMC test data

9954	55.70	4.230E+01	4.501E-11
10006	56.11	4.271E+01	4.947E-11
10049	56.12	4.272E+01	4.966E-11
10088	55.88	4.248E+01	4.694E-11
10105	56.53	4.313E+01	5.459E-11
10154	56.24	4.284E+01	5.098E-11
10158	57.32	4.392E+01	6.541E-11
10204	56.06	4.266E+01	4.891E-11
10254	55.40	4.200E+01	4.209E-11
10260	54.82	4.142E+01	3.677E-11
10304	55.69	4.229E+01	4.490E-11
10311	56.43	4.303E+01	5.327E-11
10357	55.16	4.176E+01	3.974E-11
10411	55.29	4.189E+01	4.098E-11
10411	54.60	4.120E+01	3.493E-11
10454	54.79	4.139E+01	3.656E-11
10463	54.17	4.077E+01	3.171E-11
10505	53.60	4.020E+01	2.776E-11
10520	54.57	4.117E+01	3.474E-11
10564	53.99	4.059E+01	3.036E-11
10564	54.61	4.121E+01	3.503E-11
10610	54.10	4.070E+01	3.113E-11
10624	54.84	4.144E+01	3.696E-11
10671	54.39	4.099E+01	3.334E-11
10719	55.17	4.177E+01	3.983E-11
10723	54.38	4.098E+01	3.325E-11
10768	54.24	4.084E+01	3.222E-11
10786	54.87	4.147E+01	3.720E-11
10822	54.65	4.125E+01	3.533E-11
10836	55.34	4.194E+01	4.145E-11
10882	56.61	4.321E+01	5.553E-11
10934	56.87	4.347E+01	5.903E-11
10990	57.30	4.390E+01	6.504E-11
11036	57.37	4.397E+01	6.612E-11
11077	56.59	4.319E+01	5.523E-11
11129	55.77	4.237E+01	4.577E-11
11176	55.24	4.184E+01	4.052E-11
11180	55.98	4.258E+01	4.808E-11
11231	55.49	4.209E+01	4.289E-11
11241	56.21	4.281E+01	5.061E-11
11287	55.81	4.241E+01	4.619E-11
11292	57.47	4.407E+01	6.769E-11
11297	56.50	4.310E+01	5.419E-11
11345	55.57	4.217E+01	4.372E-11
11391	55.82	4.242E+01	4.626E-11
11406	57.28	4.388E+01	6.485E-11
11410	56.49	4.309E+01	5.404E-11
11463	56.03	4.263E+01	4.863E-11
11526	56.14	4.274E+01	4.984E-11

11563	56.96	4.356E+01	6.020E-11
11573	56.02	4.262E+01	4.849E-11
11622	57.11	4.371E+01	6.238E-11
11680	57.15	4.375E+01	6.289E-11
11741	57.15	4.375E+01	6.294E-11
11763	56.44	4.304E+01	5.340E-11
11807	57.31	4.391E+01	6.523E-11
11814	56.64	4.324E+01	5.589E-11
11842	58.95	4.555E+01	9.530E-11
11866	57.32	4.392E+01	6.541E-11
11881	56.74	4.334E+01	5.721E-11
11939	56.87	4.347E+01	5.903E-11
11979	57.22	4.382E+01	6.386E-11
12023	57.08	4.368E+01	6.193E-11
12048	56.44	4.304E+01	5.340E-11
12106	56.68	4.328E+01	5.640E-11
12130	56.03	4.263E+01	4.857E-11
12170	56.31	4.291E+01	5.183E-11
12213	56.03	4.263E+01	4.857E-11
12233	56.65	4.325E+01	5.608E-11
12289	56.95	4.355E+01	6.014E-11
12349	56.78	4.338E+01	5.781E-11
12356	57.77	4.437E+01	7.248E-11
12402	56.14	4.274E+01	4.987E-11
12418	57.91	4.451E+01	7.501E-11
12439	56.66	4.326E+01	5.618E-11
12492	56.52	4.312E+01	5.438E-11
12555	56.52	4.312E+01	5.446E-11
12573	55.94	4.254E+01	4.761E-11
12631	56.09	4.269E+01	4.929E-11
12690	56.46	4.306E+01	5.362E-11
12718	55.62	4.222E+01	4.422E-11
12779	55.30	4.190E+01	4.106E-11
12827	54.53	4.113E+01	3.441E-11
12855	54.94	4.154E+01	3.784E-11
12894	54.49	4.109E+01	3.407E-11
12947	54.60	4.120E+01	3.496E-11
13001	54.16	4.076E+01	3.162E-11
13050	53.09	3.969E+01	2.467E-11
13059	53.78	4.038E+01	2.896E-11
13104	54.57	4.117E+01	3.474E-11
13138	55.86	4.246E+01	4.678E-11
13205	56.11	4.271E+01	4.949E-11
13252	56.16	4.276E+01	5.003E-11
13270	57.00	4.360E+01	6.079E-11
13331	57.00	4.360E+01	6.077E-11
13397	56.61	4.321E+01	5.560E-11
13425	56.02	4.262E+01	4.849E-11
13489	56.58	4.318E+01	5.513E-11

13532	57.36	4.396E+01	6.609E-11
13574	56.54	4.314E+01	5.461E-11
13641	56.50	4.310E+01	5.410E-11
13651	55.65	4.225E+01	4.451E-11
13704	56.37	4.297E+01	5.255E-11
13708	57.10	4.370E+01	6.214E-11
13766	57.49	4.409E+01	6.802E-11
13796	56.73	4.333E+01	5.705E-11
13847	57.77	4.437E+01	7.248E-11
13915	58.01	4.461E+01	7.663E-11
13975	57.53	4.413E+01	6.866E-11
14000	56.95	4.355E+01	6.005E-11
14064	57.60	4.420E+01	6.983E-11
14143	58.00	4.460E+01	7.646E-11
14149	58.66	4.526E+01	8.900E-11
14207	58.00	4.460E+01	7.649E-11
14240	58.49	4.509E+01	8.571E-11
14287	57.91	4.451E+01	7.501E-11
14303	58.51	4.511E+01	8.601E-11
14351	57.19	4.379E+01	6.348E-11
14393	57.17	4.377E+01	6.321E-11
14424	58.20	4.480E+01	8.004E-11
14475	58.69	4.529E+01	8.961E-11
14495	58.04	4.464E+01	7.717E-11
14541	59.10	4.570E+01	9.862E-11
14545	58.36	4.496E+01	8.311E-11
14550	57.54	4.414E+01	6.886E-11
14604	59.26	4.586E+01	1.023E-10
14658	59.94	4.654E+01	1.194E-10
14726	60.08	4.668E+01	1.235E-10
14800	61.00	4.760E+01	1.528E-10
14837	59.96	4.656E+01	1.201E-10
14875	58.73	4.533E+01	9.053E-11
14913	57.79	4.439E+01	7.284E-11
14980	57.52	4.412E+01	6.856E-11
15018	56.79	4.339E+01	5.791E-11
15089	56.70	4.330E+01	5.672E-11
15093	56.09	4.269E+01	4.933E-11
15163	56.82	4.342E+01	5.831E-11
15169	58.06	4.466E+01	7.762E-11
15212	55.79	4.239E+01	4.601E-11
15259	54.71	4.131E+01	3.586E-11
15313	53.99	4.059E+01	3.035E-11
15365	54.75	4.135E+01	3.621E-11
15426	54.62	4.122E+01	3.516E-11
15443	54.04	4.064E+01	3.073E-11
15488	55.04	4.164E+01	3.871E-11
15520	54.10	4.070E+01	3.119E-11
15601	55.49	4.209E+01	4.289E-11

Calculate device radiated power from EMC test data

15601	54.56	4.116E+01	3.462E-11
15677	54.52	4.112E+01	3.432E-11
15716	55.31	4.191E+01	4.122E-11
15750	54.01	4.061E+01	3.055E-11
15783	53.05	3.965E+01	2.449E-11
15861	53.29	3.989E+01	2.586E-11
15902	52.68	3.928E+01	2.249E-11
15938	53.31	3.991E+01	2.597E-11
15950	52.22	3.882E+01	2.023E-11
16009	53.70	4.030E+01	2.845E-11
16054	54.46	4.106E+01	3.389E-11
16122	54.05	4.065E+01	3.082E-11
16161	53.41	4.001E+01	2.659E-11
16238	54.28	4.088E+01	3.252E-11
16256	54.69	4.129E+01	3.574E-11
16327	54.64	4.124E+01	3.528E-11
16402	55.38	4.198E+01	4.185E-11
16433	56.48	4.308E+01	5.388E-11
16481	55.36	4.196E+01	4.164E-11
16547	56.29	4.289E+01	5.158E-11
16610	57.16	4.376E+01	6.310E-11
16633	57.75	4.435E+01	7.230E-11
16688	57.09	4.369E+01	6.201E-11
16754	58.08	4.468E+01	7.795E-11
16786	57.18	4.378E+01	6.339E-11
16833	58.05	4.465E+01	7.743E-11
16835	57.25	4.385E+01	6.430E-11
16904	58.99	4.559E+01	9.610E-11
16974	59.89	4.649E+01	1.182E-10
17049	60.12	4.672E+01	1.247E-10
17111	61.34	4.794E+01	1.650E-10
17189	61.84	4.844E+01	1.850E-10
17221	61.03	4.763E+01	1.539E-10
17261	61.55	4.815E+01	1.734E-10
17286	62.56	4.916E+01	2.188E-10
17345	63.86	5.046E+01	2.947E-10
17416	64.55	5.115E+01	3.459E-10
17464	64.38	5.098E+01	3.322E-10
17476	65.47	5.207E+01	4.270E-10
17517	67.42	5.402E+01	6.700E-10
17552	66.21	5.281E+01	5.066E-10
17625	67.77	5.437E+01	7.256E-10
17629	66.58	5.318E+01	5.513E-10
17723	66.15	5.275E+01	4.994E-10
17775	65.77	5.237E+01	4.583E-10
17839	66.14	5.274E+01	4.988E-10
17859	65.26	5.186E+01	4.069E-10
17936	65.77	5.237E+01	4.579E-10
17972	64.98	5.158E+01	3.818E-10

Calculate device radiated power from EMC test data

17996	66.53	5.313E+01	5.456E-10
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