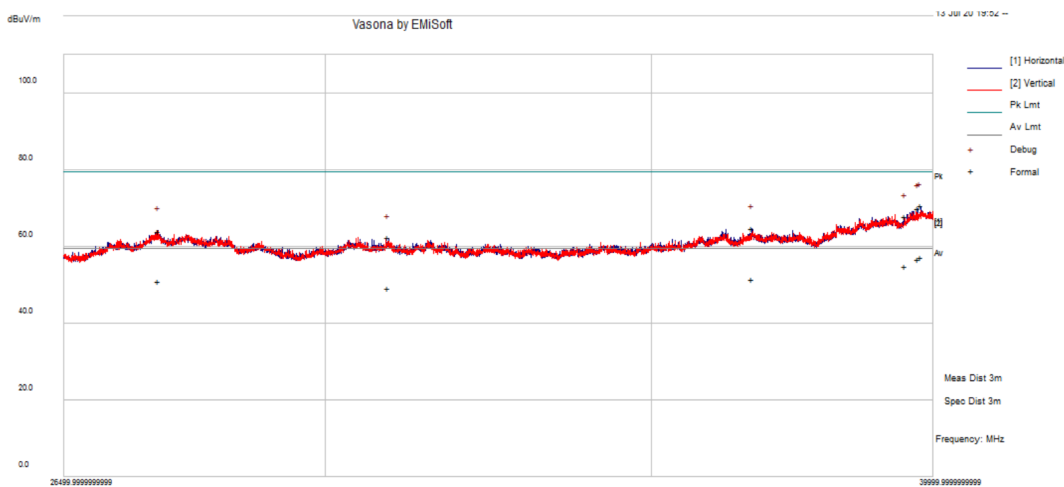


Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 16 June 2022

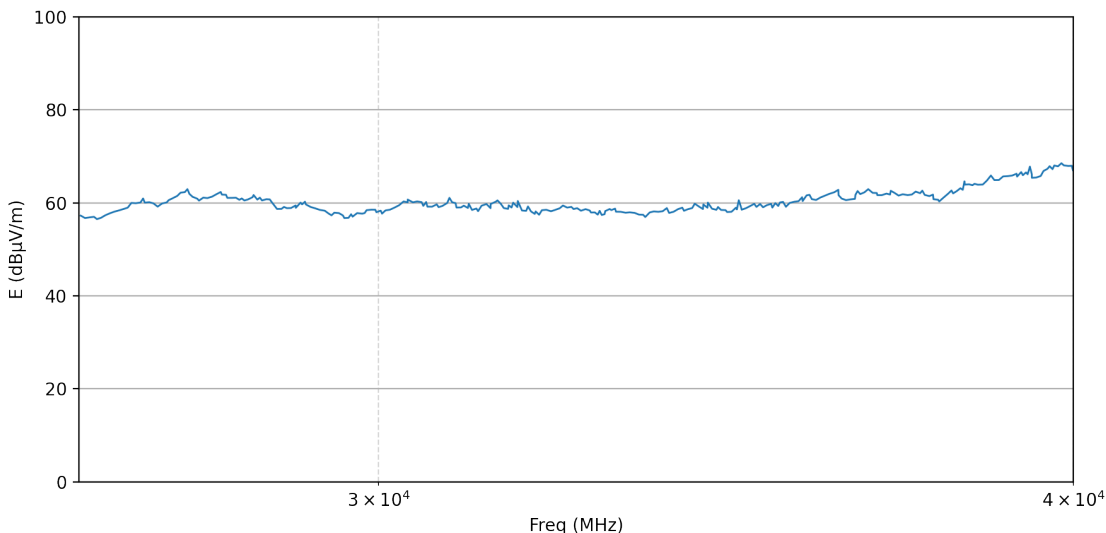
FCC ID: 2ADHY-TRACKER-300W (Configuration 1, Figure/Page 5, Class A device)  
Frequency span: 26,500 MHz to 40,000 MHz  
RBW: 1.0 MHz, distance: 3 m  
Peak-to-average correction: -13.20 dB  
No. of sample points: 13,500  
Cumulative S level:  $2.417\text{E-}06 \text{ W/m}^2$   
Device radiated power: 0.1667 mW

## EMC test spectral plot

### 5) 26.5 GHz to 40 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)
26517	57.26	4.406E+01	6.759E-11
26564	56.75	4.355E+01	6.001E-11
26616	56.90	4.370E+01	6.215E-11
26663	57.01	4.381E+01	6.377E-11
26695	56.51	4.331E+01	5.685E-11
26741	56.80	4.360E+01	6.080E-11
26787	57.33	4.413E+01	6.871E-11
26842	57.79	4.459E+01	7.632E-11
26889	58.12	4.492E+01	8.230E-11
26947	58.42	4.522E+01	8.834E-11
26993	58.70	4.550E+01	9.402E-11
27038	58.98	4.578E+01	1.005E-10
27079	60.00	4.680E+01	1.270E-10
27128	59.93	4.673E+01	1.250E-10
27182	60.09	4.689E+01	1.298E-10
27211	60.96	4.776E+01	1.583E-10
27230	60.06	4.686E+01	1.288E-10
27281	60.15	4.695E+01	1.313E-10
27327	59.91	4.671E+01	1.243E-10
27375	59.20	4.600E+01	1.056E-10
27426	59.88	4.668E+01	1.235E-10
27478	60.10	4.690E+01	1.300E-10
27500	60.58	4.738E+01	1.450E-10
27549	61.03	4.783E+01	1.610E-10
27599	61.50	4.830E+01	1.795E-10
27636	62.21	4.901E+01	2.110E-10
27685	62.32	4.912E+01	2.164E-10
27715	62.96	4.976E+01	2.511E-10
27737	61.94	4.874E+01	1.986E-10
27774	61.31	4.811E+01	1.717E-10
27828	60.91	4.771E+01	1.566E-10
27848	60.49	4.729E+01	1.422E-10
27898	61.14	4.794E+01	1.652E-10
27945	61.03	4.783E+01	1.611E-10
28000	61.35	4.815E+01	1.734E-10
28052	61.89	4.869E+01	1.964E-10
28100	62.35	4.915E+01	2.181E-10
28113	61.78	4.858E+01	1.915E-10
28162	61.75	4.855E+01	1.898E-10
28177	61.08	4.788E+01	1.629E-10
28230	61.09	4.789E+01	1.630E-10
28277	61.12	4.792E+01	1.642E-10
28317	60.66	4.746E+01	1.479E-10
28346	60.97	4.777E+01	1.586E-10
28377	60.52	4.732E+01	1.431E-10
28417	60.73	4.753E+01	1.502E-10

28472	61.22	4.802E+01	1.681E-10
28485	61.70	4.850E+01	1.877E-10
28530	60.71	4.751E+01	1.494E-10
28559	61.14	4.794E+01	1.650E-10
28584	60.53	4.733E+01	1.434E-10
28637	60.79	4.759E+01	1.524E-10
28677	60.75	4.755E+01	1.509E-10
28702	60.11	4.691E+01	1.303E-10
28763	58.70	4.550E+01	9.422E-11
28816	58.72	4.552E+01	9.455E-11
28846	59.14	4.594E+01	1.040E-10
28880	58.87	4.567E+01	9.793E-11
28929	58.90	4.570E+01	9.852E-11
28986	59.46	4.626E+01	1.121E-10
28987	58.94	4.574E+01	9.950E-11
29045	60.07	4.687E+01	1.290E-10
29063	59.69	4.649E+01	1.182E-10
29098	60.26	4.706E+01	1.349E-10
29108	59.67	4.647E+01	1.178E-10
29168	59.11	4.591E+01	1.035E-10
29220	58.84	4.564E+01	9.727E-11
29277	58.50	4.530E+01	8.981E-11
29337	58.33	4.513E+01	8.641E-11
29382	57.74	4.454E+01	7.538E-11
29419	57.33	4.413E+01	6.860E-11
29454	57.90	4.470E+01	7.823E-11
29509	57.81	4.461E+01	7.670E-11
29559	57.31	4.411E+01	6.826E-11
29576	56.75	4.355E+01	6.001E-11
29627	56.79	4.359E+01	6.060E-11
29659	57.56	4.436E+01	7.245E-11
29678	57.05	4.385E+01	6.432E-11
29733	57.81	4.461E+01	7.670E-11
29796	57.68	4.448E+01	7.449E-11
29826	57.82	4.462E+01	7.689E-11
29850	58.44	4.524E+01	8.863E-11
29907	58.54	4.534E+01	9.071E-11
29958	58.54	4.534E+01	9.065E-11
29971	57.99	4.479E+01	8.000E-11
30025	58.34	4.514E+01	8.660E-11
30041	57.69	4.449E+01	7.463E-11
30084	58.39	4.519E+01	8.759E-11
30140	58.54	4.534E+01	9.071E-11
30200	59.02	4.582E+01	1.013E-10
30256	59.51	4.631E+01	1.135E-10
30310	60.31	4.711E+01	1.362E-10
30362	60.13	4.693E+01	1.307E-10
30362	60.72	4.752E+01	1.499E-10
30429	60.12	4.692E+01	1.305E-10

30481	60.32	4.712E+01	1.367E-10
30538	60.16	4.696E+01	1.318E-10
30559	59.37	4.617E+01	1.098E-10
30595	60.19	4.699E+01	1.327E-10
30611	59.20	4.600E+01	1.055E-10
30670	59.19	4.599E+01	1.053E-10
30730	59.69	4.649E+01	1.182E-10
30754	59.09	4.589E+01	1.028E-10
30803	59.36	4.616E+01	1.094E-10
30864	59.98	4.678E+01	1.265E-10
30892	61.09	4.789E+01	1.634E-10
30926	60.15	4.695E+01	1.313E-10
30971	59.95	4.675E+01	1.256E-10
30982	59.00	4.580E+01	1.009E-10
31041	59.03	4.583E+01	1.015E-10
31076	59.41	4.621E+01	1.107E-10
31129	58.91	4.571E+01	9.876E-11
31140	59.80	4.660E+01	1.213E-10
31182	58.48	4.528E+01	8.951E-11
31239	58.79	4.559E+01	9.617E-11
31261	58.22	4.502E+01	8.434E-11
31306	59.40	4.620E+01	1.107E-10
31370	59.76	4.656E+01	1.200E-10
31422	58.87	4.567E+01	9.779E-11
31424	59.76	4.656E+01	1.203E-10
31492	60.27	4.707E+01	1.352E-10
31512	60.55	4.735E+01	1.441E-10
31557	59.80	4.660E+01	1.213E-10
31596	58.88	4.568E+01	9.819E-11
31652	58.72	4.552E+01	9.455E-11
31660	59.48	4.628E+01	1.126E-10
31697	59.01	4.581E+01	1.010E-10
31718	60.05	4.685E+01	1.284E-10
31774	59.10	4.590E+01	1.032E-10
31779	60.41	4.721E+01	1.394E-10
31834	58.37	4.517E+01	8.718E-11
31890	58.30	4.510E+01	8.575E-11
31913	59.24	4.604E+01	1.067E-10
31953	58.17	4.497E+01	8.324E-11
32003	57.64	4.444E+01	7.365E-11
32015	58.17	4.497E+01	8.324E-11
32061	57.46	4.426E+01	7.067E-11
32098	58.43	4.523E+01	8.853E-11
32156	58.52	4.532E+01	9.033E-11
32219	58.20	4.500E+01	8.397E-11
32271	58.47	4.527E+01	8.934E-11
32335	58.84	4.564E+01	9.723E-11
32379	59.44	4.624E+01	1.116E-10
32435	58.99	4.579E+01	1.006E-10

32492	59.14	4.594E+01	1.042E-10
32522	58.68	4.548E+01	9.375E-11
32570	58.87	4.567E+01	9.782E-11
32621	58.32	4.512E+01	8.629E-11
32684	58.65	4.545E+01	9.314E-11
32740	58.37	4.517E+01	8.725E-11
32757	57.94	4.474E+01	7.895E-11
32809	57.96	4.476E+01	7.932E-11
32849	57.48	4.428E+01	7.102E-11
32875	58.30	4.510E+01	8.575E-11
32903	57.40	4.420E+01	6.983E-11
32942	57.56	4.436E+01	7.245E-11
32952	58.25	4.505E+01	8.490E-11
33012	58.68	4.548E+01	9.375E-11
33034	58.45	4.525E+01	8.892E-11
33086	58.77	4.557E+01	9.563E-11
33098	58.11	4.491E+01	8.214E-11
33162	58.09	4.489E+01	8.178E-11
33230	57.89	4.469E+01	7.812E-11
33288	57.97	4.477E+01	7.960E-11
33356	57.85	4.465E+01	7.746E-11
33414	57.49	4.429E+01	7.118E-11
33473	57.45	4.425E+01	7.057E-11
33502	56.96	4.376E+01	6.306E-11
33564	57.95	4.475E+01	7.921E-11
33621	58.17	4.497E+01	8.324E-11
33683	58.09	4.489E+01	8.176E-11
33745	58.21	4.501E+01	8.407E-11
33803	58.89	4.569E+01	9.832E-11
33835	57.84	4.464E+01	7.727E-11
33896	58.09	4.489E+01	8.178E-11
33960	58.66	4.546E+01	9.329E-11
34020	58.98	4.578E+01	1.004E-10
34044	58.31	4.511E+01	8.603E-11
34099	58.64	4.544E+01	9.283E-11
34160	58.90	4.570E+01	9.852E-11
34196	59.83	4.663E+01	1.221E-10
34261	59.16	4.596E+01	1.047E-10
34312	58.68	4.548E+01	9.375E-11
34318	59.67	4.647E+01	1.178E-10
34377	58.96	4.576E+01	9.983E-11
34382	60.06	4.686E+01	1.288E-10
34441	58.76	4.556E+01	9.532E-11
34503	58.51	4.531E+01	9.011E-11
34527	59.11	4.591E+01	1.035E-10
34570	58.49	4.529E+01	8.966E-11
34635	58.44	4.524E+01	8.869E-11
34657	58.04	4.484E+01	8.080E-11
34720	58.09	4.489E+01	8.178E-11

## Calculate device radiated power from EMC test data

34783	58.97	4.577E+01	1.001E-10
34798	58.60	4.540E+01	9.191E-11
34825	60.58	4.738E+01	1.450E-10
34858	59.09	4.589E+01	1.028E-10
34867	58.54	4.534E+01	9.062E-11
34931	58.88	4.568E+01	9.813E-11
34993	59.36	4.616E+01	1.095E-10
35049	59.80	4.660E+01	1.213E-10
35081	59.14	4.594E+01	1.041E-10
35134	59.77	4.657E+01	1.203E-10
35177	59.06	4.586E+01	1.022E-10
35232	59.51	4.631E+01	1.134E-10
35295	59.80	4.660E+01	1.213E-10
35313	58.98	4.578E+01	1.005E-10
35356	59.96	4.676E+01	1.259E-10
35399	59.34	4.614E+01	1.091E-10
35424	60.10	4.690E+01	1.298E-10
35470	60.21	4.701E+01	1.333E-10
35512	59.17	4.597E+01	1.049E-10
35567	60.00	4.680E+01	1.269E-10
35637	60.25	4.705E+01	1.346E-10
35698	60.37	4.717E+01	1.384E-10
35751	61.22	4.802E+01	1.683E-10
35759	60.39	4.719E+01	1.389E-10
35817	61.62	4.842E+01	1.844E-10
35860	61.74	4.854E+01	1.896E-10
35895	60.81	4.761E+01	1.531E-10
35958	60.63	4.743E+01	1.467E-10
36023	61.17	4.797E+01	1.660E-10
36096	61.59	4.839E+01	1.830E-10
36161	61.98	4.878E+01	2.002E-10
36229	62.28	4.908E+01	2.148E-10
36291	62.82	4.962E+01	2.429E-10
36295	61.65	4.845E+01	1.856E-10
36341	60.93	4.773E+01	1.575E-10
36407	60.60	4.740E+01	1.456E-10
36478	60.76	4.756E+01	1.513E-10
36542	60.87	4.767E+01	1.549E-10
36549	61.73	4.853E+01	1.889E-10
36581	62.56	4.936E+01	2.289E-10
36622	61.90	4.870E+01	1.966E-10
36684	62.26	4.906E+01	2.139E-10
36744	62.96	4.976E+01	2.511E-10
36811	62.16	4.896E+01	2.090E-10
36874	62.13	4.893E+01	2.073E-10
36882	61.67	4.847E+01	1.865E-10
36951	61.67	4.847E+01	1.865E-10
37022	62.00	4.880E+01	2.014E-10
37077	61.80	4.860E+01	1.922E-10

37088	62.62	4.942E+01	2.319E-10
37152	62.11	4.891E+01	2.062E-10
37208	61.57	4.837E+01	1.824E-10
37273	61.86	4.866E+01	1.949E-10
37349	61.68	4.848E+01	1.869E-10
37414	61.81	4.861E+01	1.924E-10
37472	62.43	4.923E+01	2.222E-10
37542	62.09	4.889E+01	2.052E-10
37576	62.65	4.945E+01	2.334E-10
37613	61.72	4.852E+01	1.886E-10
37686	61.47	4.827E+01	1.779E-10
37742	61.78	4.858E+01	1.915E-10
37750	60.80	4.760E+01	1.526E-10
37822	60.68	4.748E+01	1.483E-10
37840	60.32	4.712E+01	1.367E-10
37902	61.08	4.788E+01	1.626E-10
37980	61.98	4.878E+01	2.005E-10
38032	62.67	4.947E+01	2.350E-10
38058	62.04	4.884E+01	2.032E-10
38120	62.58	4.938E+01	2.299E-10
38173	63.16	4.996E+01	2.629E-10
38211	62.82	4.962E+01	2.429E-10
38237	64.64	5.144E+01	3.698E-10
38244	63.94	5.074E+01	3.143E-10
38311	64.00	5.080E+01	3.189E-10
38364	63.81	5.061E+01	3.051E-10
38398	64.11	5.091E+01	3.270E-10
38450	63.92	5.072E+01	3.128E-10
38529	63.95	5.075E+01	3.154E-10
38595	64.81	5.161E+01	3.841E-10
38659	65.89	5.269E+01	4.932E-10
38714	64.91	5.171E+01	3.936E-10
38787	64.93	5.173E+01	3.949E-10
38855	65.70	5.250E+01	4.720E-10
38931	65.76	5.256E+01	4.784E-10
39001	65.89	5.269E+01	4.923E-10
39072	66.28	5.308E+01	5.393E-10
39080	65.66	5.246E+01	4.674E-10
39146	66.63	5.343E+01	5.846E-10
39174	65.96	5.276E+01	5.009E-10
39225	66.56	5.336E+01	5.756E-10
39251	66.16	5.296E+01	5.238E-10
39288	67.81	5.461E+01	7.673E-10
39319	66.19	5.299E+01	5.282E-10
39320	65.40	5.220E+01	4.404E-10
39390	65.46	5.226E+01	4.459E-10
39465	65.79	5.259E+01	4.815E-10
39510	66.87	5.367E+01	6.169E-10
39575	67.33	5.413E+01	6.870E-10

39611	67.90	5.470E+01	7.827E-10
39658	67.26	5.406E+01	6.755E-10
39686	68.05	5.485E+01	8.098E-10
39748	67.87	5.467E+01	7.775E-10
39805	68.54	5.534E+01	9.064E-10
39844	68.07	5.487E+01	8.144E-10
39919	67.95	5.475E+01	7.914E-10
39975	67.99	5.479E+01	7.984E-10
39994	67.04	5.384E+01	6.419E-10