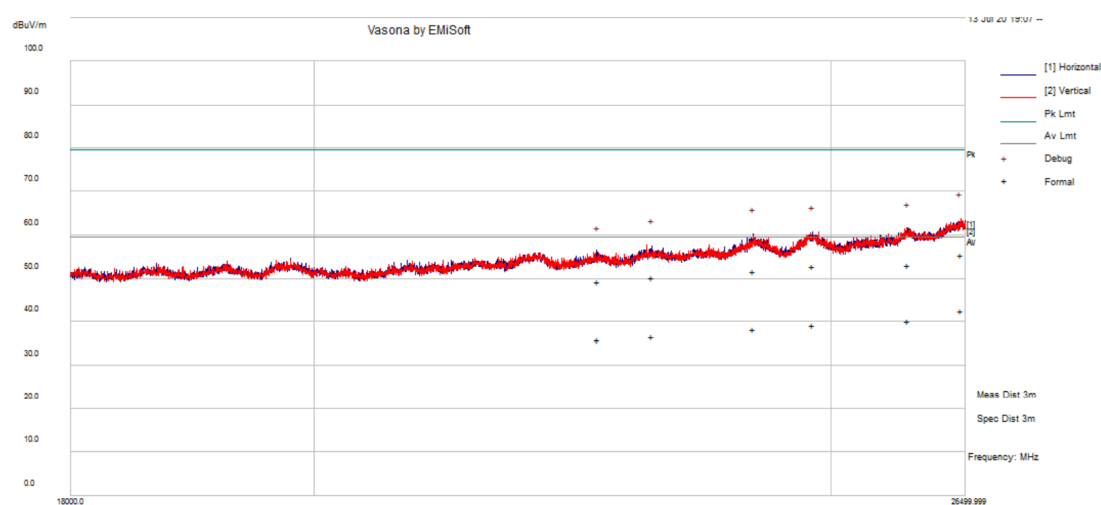


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 16 June 2022

FCC ID: 2ADHY-TRACKER-300W (Configuration 1, Figure/Page 4, 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: $3.731\text{E-}07 \text{ W/m}^2$
Device radiated power: 0.0257 mW

EMC test spectral plot

4) 18 GHz to 26.5 GHz at a 3m test distance



Plot of extracted data from EMC test spectral plot

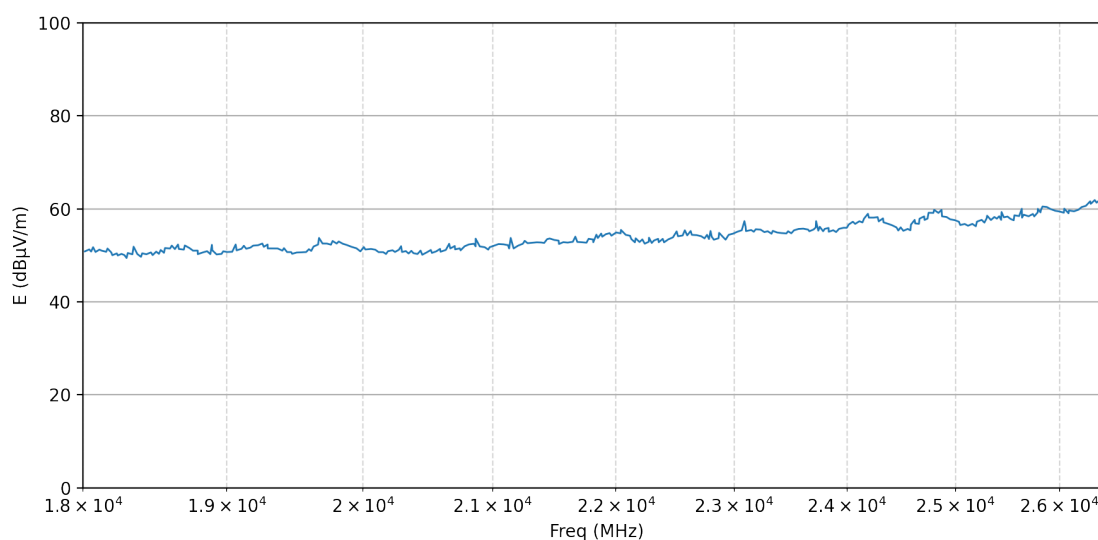


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
18012	50.87	3.747E+01	1.480E-11
18041	51.29	3.789E+01	1.632E-11
18054	50.83	3.743E+01	1.466E-11
18067	51.77	3.837E+01	1.822E-11
18084	50.73	3.733E+01	1.436E-11
18111	51.24	3.784E+01	1.615E-11
18126	51.02	3.762E+01	1.534E-11
18157	50.77	3.737E+01	1.449E-11
18166	51.48	3.808E+01	1.705E-11
18192	50.62	3.722E+01	1.397E-11
18198	50.04	3.664E+01	1.224E-11
18230	50.43	3.703E+01	1.339E-11
18236	49.99	3.659E+01	1.209E-11
18262	50.32	3.692E+01	1.306E-11
18282	50.07	3.667E+01	1.231E-11
18297	49.44	3.604E+01	1.066E-11
18305	50.51	3.711E+01	1.364E-11
18337	50.24	3.684E+01	1.280E-11
18345	51.87	3.847E+01	1.866E-11
18371	50.29	3.689E+01	1.297E-11
18396	49.69	3.629E+01	1.130E-11
18404	50.45	3.705E+01	1.345E-11
18433	50.24	3.684E+01	1.283E-11
18465	50.65	3.725E+01	1.407E-11
18477	50.07	3.667E+01	1.231E-11
18502	50.81	3.741E+01	1.462E-11
18521	50.34	3.694E+01	1.312E-11
18533	51.17	3.777E+01	1.586E-11
18556	50.56	3.716E+01	1.381E-11
18563	51.58	3.818E+01	1.745E-11
18599	51.49	3.809E+01	1.708E-11
18611	52.11	3.871E+01	1.970E-11
18633	51.36	3.796E+01	1.659E-11
18654	52.34	3.894E+01	2.080E-11
18660	51.38	3.798E+01	1.665E-11
18695	51.24	3.784E+01	1.615E-11
18702	52.14	3.874E+01	1.983E-11
18734	51.60	3.820E+01	1.754E-11
18761	51.02	3.762E+01	1.533E-11
18793	51.03	3.763E+01	1.538E-11
18794	50.27	3.687E+01	1.291E-11
18829	50.63	3.723E+01	1.403E-11
18860	50.90	3.750E+01	1.493E-11
18883	50.28	3.688E+01	1.292E-11
18894	52.27	3.887E+01	2.043E-11
18897	51.11	3.771E+01	1.565E-11

18928	50.21	3.681E+01	1.272E-11
18963	50.33	3.693E+01	1.307E-11
18975	50.88	3.748E+01	1.484E-11
19005	50.73	3.733E+01	1.434E-11
19039	50.79	3.739E+01	1.453E-11
19064	52.34	3.894E+01	2.080E-11
19071	51.09	3.769E+01	1.558E-11
19106	51.41	3.801E+01	1.679E-11
19123	52.07	3.867E+01	1.952E-11
19140	51.44	3.804E+01	1.687E-11
19171	51.68	3.828E+01	1.787E-11
19190	52.11	3.871E+01	1.970E-11
19225	52.19	3.879E+01	2.006E-11
19256	52.55	3.915E+01	2.182E-11
19267	51.85	3.845E+01	1.855E-11
19295	52.34	3.894E+01	2.080E-11
19296	51.51	3.811E+01	1.715E-11
19330	51.50	3.810E+01	1.712E-11
19368	51.49	3.809E+01	1.709E-11
19403	51.03	3.763E+01	1.536E-11
19414	51.56	3.816E+01	1.736E-11
19437	50.71	3.731E+01	1.429E-11
19467	50.71	3.731E+01	1.429E-11
19474	50.34	3.694E+01	1.312E-11
19507	50.63	3.723E+01	1.401E-11
19541	50.66	3.726E+01	1.412E-11
19577	50.72	3.732E+01	1.432E-11
19597	51.33	3.793E+01	1.648E-11
19614	50.97	3.757E+01	1.516E-11
19632	51.91	3.851E+01	1.883E-11
19665	52.33	3.893E+01	2.076E-11
19672	53.76	4.036E+01	2.879E-11
19698	52.56	3.916E+01	2.184E-11
19731	52.54	3.914E+01	2.178E-11
19760	52.30	3.890E+01	2.058E-11
19773	53.10	3.970E+01	2.474E-11
19803	52.55	3.915E+01	2.182E-11
19818	52.99	3.959E+01	2.414E-11
19849	52.50	3.910E+01	2.156E-11
19878	52.24	3.884E+01	2.032E-11
19915	51.84	3.844E+01	1.853E-11
19951	51.53	3.813E+01	1.725E-11
19981	50.87	3.747E+01	1.481E-11
20007	51.79	3.839E+01	1.833E-11
20019	51.27	3.787E+01	1.625E-11
20061	51.38	3.798E+01	1.668E-11
20094	51.23	3.783E+01	1.608E-11
20118	50.71	3.731E+01	1.427E-11
20154	50.70	3.730E+01	1.423E-11

20175	50.30	3.690E+01	1.300E-11
20190	50.90	3.750E+01	1.493E-11
20225	51.10	3.770E+01	1.563E-11
20243	50.73	3.733E+01	1.436E-11
20272	51.21	3.781E+01	1.602E-11
20290	51.98	3.858E+01	1.912E-11
20297	50.73	3.733E+01	1.436E-11
20326	50.92	3.752E+01	1.499E-11
20347	50.41	3.701E+01	1.333E-11
20368	50.98	3.758E+01	1.520E-11
20384	50.48	3.708E+01	1.355E-11
20415	50.30	3.690E+01	1.300E-11
20439	51.04	3.764E+01	1.539E-11
20452	50.14	3.674E+01	1.251E-11
20490	50.71	3.731E+01	1.428E-11
20518	51.17	3.777E+01	1.586E-11
20526	50.54	3.714E+01	1.372E-11
20560	50.87	3.747E+01	1.482E-11
20589	51.40	3.800E+01	1.674E-11
20594	50.79	3.739E+01	1.453E-11
20634	51.18	3.778E+01	1.590E-11
20660	52.50	3.910E+01	2.156E-11
20669	51.50	3.810E+01	1.713E-11
20704	52.02	3.862E+01	1.930E-11
20707	51.30	3.790E+01	1.634E-11
20743	51.52	3.812E+01	1.719E-11
20749	51.09	3.769E+01	1.558E-11
20781	51.96	3.856E+01	1.905E-11
20814	52.35	3.895E+01	2.084E-11
20854	52.51	3.911E+01	2.160E-11
20867	51.95	3.855E+01	1.900E-11
20867	53.60	4.020E+01	2.777E-11
20900	51.93	3.853E+01	1.892E-11
20939	51.76	3.836E+01	1.818E-11
20966	51.24	3.784E+01	1.615E-11
20978	51.76	3.836E+01	1.818E-11
21012	52.09	3.869E+01	1.964E-11
21049	52.44	3.904E+01	2.127E-11
21088	52.37	3.897E+01	2.095E-11
21123	52.21	3.881E+01	2.015E-11
21132	51.49	3.809E+01	1.710E-11
21145	53.76	4.036E+01	2.879E-11
21160	52.31	3.891E+01	2.065E-11
21168	51.50	3.810E+01	1.713E-11
21204	52.11	3.871E+01	1.970E-11
21241	52.50	3.910E+01	2.156E-11
21257	53.13	3.973E+01	2.492E-11
21280	52.63	3.923E+01	2.222E-11
21317	52.73	3.933E+01	2.271E-11

Calculate device radiated power from EMC test data

21354	52.81	3.941E+01	2.318E-11
21388	52.78	3.938E+01	2.299E-11
21413	52.68	3.928E+01	2.249E-11
21436	53.49	4.009E+01	2.706E-11
21457	53.64	4.024E+01	2.802E-11
21495	53.32	3.992E+01	2.604E-11
21530	53.18	3.978E+01	2.522E-11
21533	52.46	3.906E+01	2.137E-11
21568	52.85	3.945E+01	2.335E-11
21603	52.76	3.936E+01	2.288E-11
21645	52.92	3.952E+01	2.376E-11
21666	54.03	4.063E+01	3.067E-11
21682	52.89	3.949E+01	2.360E-11
21721	52.83	3.943E+01	2.324E-11
21757	52.74	3.934E+01	2.276E-11
21774	53.57	4.017E+01	2.758E-11
21811	53.42	4.002E+01	2.668E-11
21813	52.83	3.943E+01	2.328E-11
21838	54.46	4.106E+01	3.388E-11
21850	53.74	4.034E+01	2.866E-11
21878	54.70	4.130E+01	3.577E-11
21886	54.03	4.063E+01	3.067E-11
21916	54.57	4.117E+01	3.470E-11
21948	54.79	4.139E+01	3.650E-11
21963	54.24	4.084E+01	3.219E-11
22001	54.93	4.153E+01	3.776E-11
22039	54.75	4.135E+01	3.617E-11
22041	55.48	4.208E+01	4.285E-11
22081	54.42	4.102E+01	3.351E-11
22117	54.23	4.083E+01	3.209E-11
22128	53.51	4.011E+01	2.720E-11
22157	52.81	3.941E+01	2.318E-11
22164	53.68	4.028E+01	2.828E-11
22196	52.88	3.948E+01	2.351E-11
22220	53.44	4.004E+01	2.678E-11
22239	52.53	3.913E+01	2.169E-11
22273	52.93	3.953E+01	2.379E-11
22275	53.81	4.041E+01	2.914E-11
22298	52.68	3.928E+01	2.246E-11
22318	53.22	3.982E+01	2.542E-11
22352	53.56	4.016E+01	2.752E-11
22357	52.83	3.943E+01	2.328E-11
22391	53.55	4.015E+01	2.749E-11
22402	52.81	3.941E+01	2.318E-11
22438	53.45	4.005E+01	2.684E-11
22477	53.88	4.048E+01	2.961E-11
22508	55.17	4.177E+01	3.986E-11
22520	54.12	4.072E+01	3.131E-11
22559	54.28	4.088E+01	3.251E-11

22578	55.40	4.200E+01	4.208E-11
22598	54.31	4.091E+01	3.268E-11
22628	55.25	4.185E+01	4.059E-11
22638	54.42	4.102E+01	3.357E-11
22679	54.36	4.096E+01	3.305E-11
22718	54.13	4.073E+01	3.137E-11
22746	53.66	4.026E+01	2.818E-11
22768	54.42	4.102E+01	3.357E-11
22784	53.52	4.012E+01	2.727E-11
22798	55.25	4.185E+01	4.059E-11
22808	54.03	4.063E+01	3.067E-11
22826	53.37	3.997E+01	2.636E-11
22867	53.70	4.030E+01	2.839E-11
22871	54.86	4.146E+01	3.708E-11
22907	53.91	4.051E+01	2.985E-11
22927	53.39	3.999E+01	2.646E-11
22954	54.42	4.102E+01	3.357E-11
22994	54.70	4.130E+01	3.577E-11
23029	55.09	4.169E+01	3.915E-11
23067	55.40	4.200E+01	4.208E-11
23091	57.37	4.397E+01	6.612E-11
23101	56.19	4.279E+01	5.042E-11
23104	55.23	4.183E+01	4.043E-11
23150	55.46	4.206E+01	4.262E-11
23172	55.09	4.169E+01	3.915E-11
23189	55.62	4.222E+01	4.425E-11
23231	55.55	4.215E+01	4.347E-11
23265	55.01	4.161E+01	3.845E-11
23294	55.20	4.180E+01	4.010E-11
23328	54.67	4.127E+01	3.551E-11
23338	55.28	4.188E+01	4.088E-11
23377	54.92	4.152E+01	3.768E-11
23415	54.81	4.141E+01	3.667E-11
23458	54.72	4.132E+01	3.595E-11
23473	55.20	4.180E+01	4.010E-11
23502	54.75	4.135E+01	3.623E-11
23526	55.39	4.199E+01	4.199E-11
23566	55.69	4.229E+01	4.497E-11
23608	55.76	4.236E+01	4.565E-11
23651	55.55	4.215E+01	4.349E-11
23662	55.20	4.180E+01	4.010E-11
23700	55.57	4.217E+01	4.373E-11
23719	56.01	4.261E+01	4.834E-11
23722	57.37	4.397E+01	6.612E-11
23742	55.33	4.193E+01	4.133E-11
23755	56.16	4.276E+01	5.003E-11
23785	55.20	4.180E+01	4.013E-11
23800	55.72	4.232E+01	4.524E-11
23834	55.90	4.250E+01	4.719E-11

23836	55.10	4.170E+01	3.923E-11
23876	55.41	4.201E+01	4.217E-11
23902	55.03	4.163E+01	3.856E-11
23929	55.72	4.232E+01	4.524E-11
23971	55.95	4.255E+01	4.769E-11
23998	55.93	4.253E+01	4.747E-11
24017	56.66	4.326E+01	5.619E-11
24053	57.24	4.384E+01	6.427E-11
24074	56.78	4.338E+01	5.774E-11
24112	57.35	4.395E+01	6.582E-11
24140	57.09	4.369E+01	6.206E-11
24154	57.91	4.451E+01	7.490E-11
24190	58.96	4.556E+01	9.533E-11
24199	58.13	4.473E+01	7.880E-11
24241	58.13	4.473E+01	7.882E-11
24279	58.23	4.483E+01	8.066E-11
24289	57.32	4.392E+01	6.537E-11
24328	57.97	4.457E+01	7.594E-11
24332	57.12	4.372E+01	6.244E-11
24374	56.80	4.340E+01	5.800E-11
24413	56.47	4.307E+01	5.375E-11
24451	56.02	4.262E+01	4.850E-11
24468	55.35	4.195E+01	4.158E-11
24490	56.03	4.263E+01	4.863E-11
24515	55.29	4.189E+01	4.100E-11
24555	55.69	4.229E+01	4.497E-11
24580	55.40	4.200E+01	4.208E-11
24585	56.62	4.322E+01	5.569E-11
24620	57.64	4.424E+01	7.043E-11
24624	56.88	4.348E+01	5.914E-11
24659	56.79	4.339E+01	5.791E-11
24665	57.89	4.449E+01	7.466E-11
24708	58.40	4.500E+01	8.379E-11
24712	57.63	4.423E+01	7.031E-11
24739	57.92	4.452E+01	7.503E-11
24749	59.17	4.577E+01	1.002E-10
24794	59.14	4.574E+01	9.951E-11
24801	59.80	4.640E+01	1.158E-10
24841	59.14	4.574E+01	9.936E-11
24870	59.80	4.640E+01	1.158E-10
24875	58.40	4.500E+01	8.381E-11
24916	58.26	4.486E+01	8.131E-11
24951	57.77	4.437E+01	7.251E-11
24992	57.59	4.419E+01	6.957E-11
25033	57.25	4.385E+01	6.435E-11
25046	56.53	4.313E+01	5.459E-11
25088	56.76	4.336E+01	5.748E-11
25119	56.38	4.298E+01	5.268E-11
25160	56.78	4.338E+01	5.774E-11

25193	56.27	4.287E+01	5.134E-11
25204	57.26	4.386E+01	6.454E-11
25249	57.64	4.424E+01	7.043E-11
25275	57.05	4.365E+01	6.151E-11
25296	57.98	4.458E+01	7.612E-11
25301	58.54	4.514E+01	8.670E-11
25337	57.61	4.421E+01	6.996E-11
25370	58.26	4.486E+01	8.121E-11
25394	57.90	4.450E+01	7.481E-11
25416	58.43	4.503E+01	8.438E-11
25435	57.64	4.424E+01	7.043E-11
25438	59.33	4.593E+01	1.039E-10
25461	58.19	4.479E+01	8.001E-11
25496	58.36	4.496E+01	8.312E-11
25524	57.85	4.445E+01	7.391E-11
25555	57.55	4.415E+01	6.905E-11
25562	58.62	4.522E+01	8.828E-11
25608	58.47	4.507E+01	8.515E-11
25633	60.03	4.663E+01	1.222E-10
25636	58.13	4.473E+01	7.874E-11
25652	58.75	4.535E+01	9.098E-11
25699	58.42	4.502E+01	8.418E-11
25741	58.92	4.552E+01	9.447E-11
25754	58.39	4.499E+01	8.363E-11
25787	59.25	4.585E+01	1.020E-10
25789	60.01	4.661E+01	1.216E-10
25814	59.25	4.585E+01	1.020E-10
25818	59.72	4.632E+01	1.137E-10
25834	60.52	4.712E+01	1.366E-10
25876	60.41	4.701E+01	1.333E-10
25911	59.99	4.659E+01	1.209E-10
25959	59.60	4.620E+01	1.105E-10
25999	59.44	4.604E+01	1.067E-10
26043	59.19	4.579E+01	1.006E-10
26047	60.06	4.666E+01	1.230E-10
26089	59.05	4.565E+01	9.751E-11
26092	59.67	4.627E+01	1.123E-10
26142	59.49	4.609E+01	1.077E-10
26186	59.83	4.643E+01	1.166E-10
26218	60.40	4.700E+01	1.330E-10
26259	60.65	4.725E+01	1.410E-10
26302	61.64	4.824E+01	1.769E-10
26308	61.09	4.769E+01	1.560E-10
26347	61.90	4.850E+01	1.877E-10
26366	61.34	4.794E+01	1.652E-10
26395	61.88	4.848E+01	1.871E-10
26422	61.53	4.813E+01	1.723E-10
26443	62.54	4.914E+01	2.176E-10
26479	62.44	4.904E+01	2.127E-10

Calculate device radiated power from EMC test data

26486	61.70	4.830E+01	1.794E-10
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