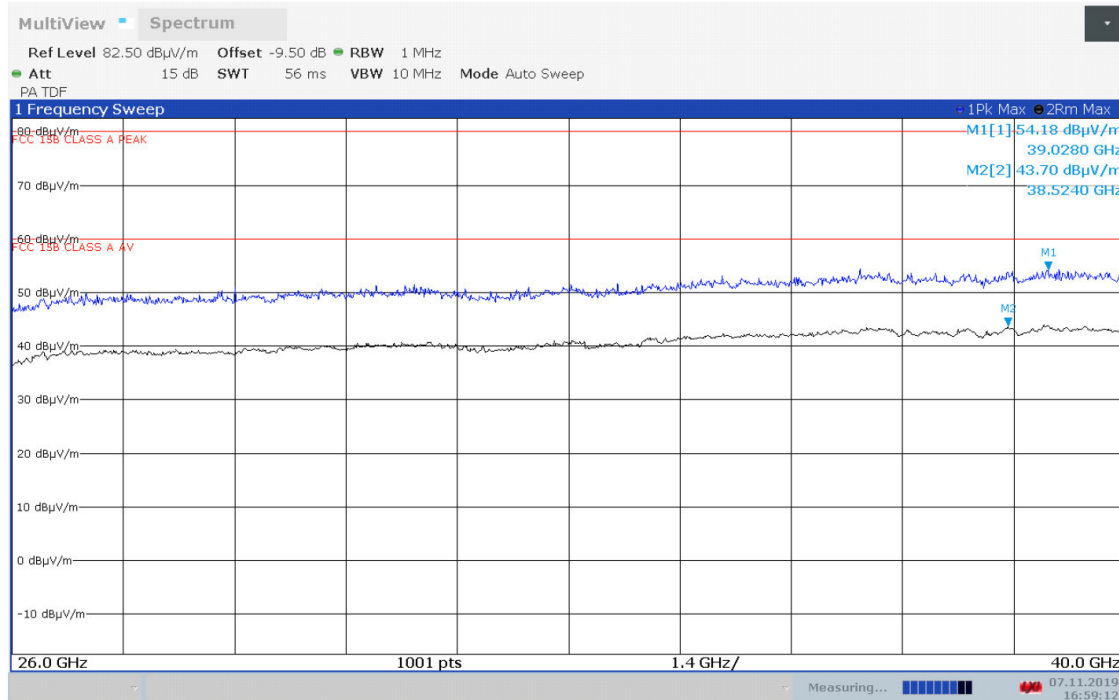


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 14 June 2022

FCC ID: 2ATQM1000-0375 (Configuration 1, Figure 18b, Class A device)
Frequency span: 26 GHz to 40 GHz
RBW: 0.001 GHz, distance: 3 m
Peak-to-average correction: N/A
No. of sample points: 14,000
Cumulative S level: $4.657\text{E-}07 \text{ W/m}^2$
Device radiated power: 0.0321 mW

EMC test spectral plot

26-40GHz, Vertical Polarization:



Plot of extracted data from EMC test spectral plot

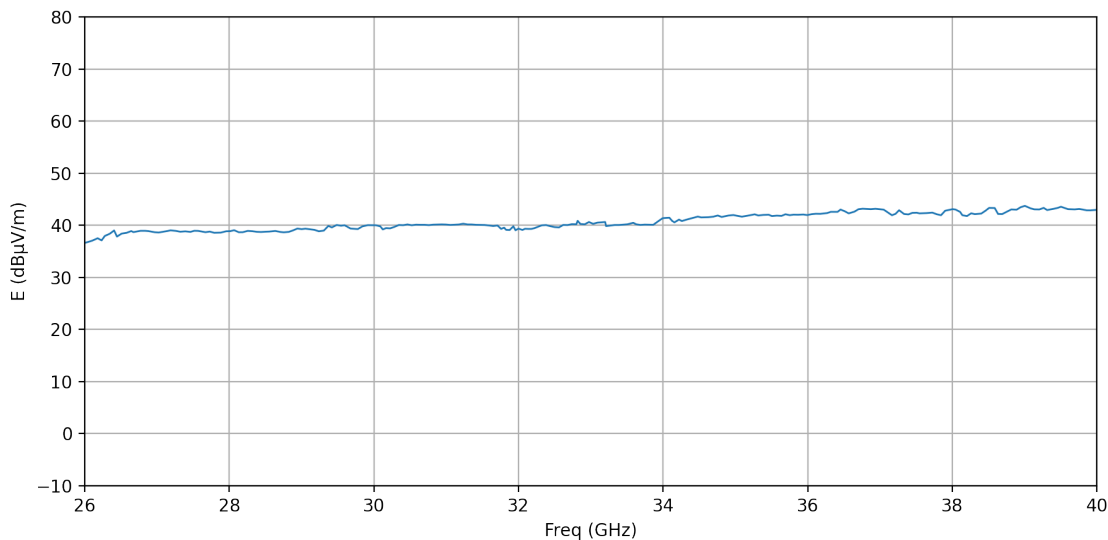


Table of extracted data from EMC test spectral plot

Freq (GHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
26.011	36.66	3.666E+01	1.228E-11
26.1	37.03	3.703E+01	1.338E-11
26.179	37.51	3.751E+01	1.496E-11
26.234	37.10	3.710E+01	1.361E-11
26.278	37.95	3.795E+01	1.656E-11
26.347	38.38	3.838E+01	1.828E-11
26.407	39.01	3.901E+01	2.110E-11
26.446	37.83	3.783E+01	1.610E-11
26.51	38.40	3.840E+01	1.834E-11
26.58	38.56	3.856E+01	1.903E-11
26.644	38.89	3.889E+01	2.054E-11
26.674	38.69	3.869E+01	1.961E-11
26.772	38.94	3.894E+01	2.077E-11
26.836	38.94	3.894E+01	2.077E-11
26.881	38.88	3.888E+01	2.051E-11
26.97	38.66	3.866E+01	1.950E-11
27.025	38.61	3.861E+01	1.928E-11
27.084	38.75	3.875E+01	1.988E-11
27.148	38.91	3.891E+01	2.063E-11
27.188	39.03	3.903E+01	2.122E-11
27.262	38.92	3.892E+01	2.068E-11
27.321	38.76	3.876E+01	1.994E-11
27.391	38.83	3.883E+01	2.028E-11
27.462	38.73	3.873E+01	1.981E-11
27.516	38.94	3.894E+01	2.080E-11
27.568	38.93	3.893E+01	2.071E-11
27.67	38.67	3.867E+01	1.954E-11
27.729	38.79	3.879E+01	2.008E-11
27.79	38.56	3.856E+01	1.906E-11
27.882	38.60	3.860E+01	1.920E-11
27.957	38.85	3.885E+01	2.035E-11
28.013	38.87	3.887E+01	2.045E-11
28.067	39.05	3.905E+01	2.134E-11
28.131	38.66	3.866E+01	1.950E-11
28.186	38.67	3.867E+01	1.954E-11
28.255	38.92	3.892E+01	2.070E-11
28.318	38.86	3.886E+01	2.042E-11
28.379	38.75	3.875E+01	1.988E-11
28.438	38.71	3.871E+01	1.972E-11
28.497	38.76	3.876E+01	1.994E-11
28.552	38.79	3.879E+01	2.008E-11
28.636	38.91	3.891E+01	2.063E-11
28.71	38.71	3.871E+01	1.972E-11
28.754	38.65	3.865E+01	1.944E-11
28.823	38.74	3.874E+01	1.983E-11
28.878	39.00	3.900E+01	2.107E-11

28.942	39.37	3.937E+01	2.296E-11
29.0	39.26	3.926E+01	2.237E-11
29.053	39.35	3.935E+01	2.283E-11
29.12	39.23	3.923E+01	2.219E-11
29.176	39.13	3.913E+01	2.170E-11
29.238	38.85	3.885E+01	2.034E-11
29.308	38.98	3.898E+01	2.098E-11
29.37	39.88	3.988E+01	2.579E-11
29.418	39.59	3.959E+01	2.413E-11
29.486	40.06	4.006E+01	2.688E-11
29.545	39.92	3.992E+01	2.601E-11
29.594	40.01	4.001E+01	2.658E-11
29.676	39.38	3.938E+01	2.298E-11
29.728	39.32	3.932E+01	2.268E-11
29.777	39.27	3.927E+01	2.245E-11
29.841	39.79	3.979E+01	2.527E-11
29.915	40.03	4.003E+01	2.669E-11
29.97	40.02	4.002E+01	2.666E-11
30.029	40.01	4.001E+01	2.656E-11
30.088	39.79	3.979E+01	2.529E-11
30.123	39.20	3.920E+01	2.207E-11
30.168	39.46	3.946E+01	2.341E-11
30.224	39.41	3.941E+01	2.314E-11
30.286	39.70	3.970E+01	2.477E-11
30.345	40.06	4.006E+01	2.688E-11
30.405	40.02	4.002E+01	2.666E-11
30.464	40.16	4.016E+01	2.755E-11
30.523	40.01	4.001E+01	2.658E-11
30.583	40.12	4.012E+01	2.727E-11
30.642	40.10	4.010E+01	2.711E-11
30.701	40.10	4.010E+01	2.711E-11
30.76	40.03	4.003E+01	2.673E-11
30.82	40.12	4.012E+01	2.729E-11
30.879	40.15	4.015E+01	2.746E-11
30.938	40.17	4.017E+01	2.757E-11
30.998	40.14	4.014E+01	2.742E-11
31.057	40.07	4.007E+01	2.696E-11
31.116	40.11	4.011E+01	2.719E-11
31.176	40.16	4.016E+01	2.750E-11
31.235	40.30	4.030E+01	2.844E-11
31.294	40.16	4.016E+01	2.755E-11
31.354	40.16	4.016E+01	2.750E-11
31.413	40.10	4.010E+01	2.711E-11
31.472	40.08	4.008E+01	2.704E-11
31.531	40.06	4.006E+01	2.688E-11
31.591	39.97	3.997E+01	2.633E-11
31.65	39.86	3.986E+01	2.570E-11
31.709	39.96	3.996E+01	2.628E-11
31.759	39.31	3.931E+01	2.261E-11

Calculate device radiated power from EMC test data

31.801	39.54	3.954E+01	2.388E-11
31.828	39.13	3.913E+01	2.170E-11
31.877	39.09	3.909E+01	2.152E-11
31.929	39.80	3.980E+01	2.535E-11
31.959	39.04	3.904E+01	2.126E-11
31.999	39.36	3.936E+01	2.291E-11
32.055	39.10	3.910E+01	2.158E-11
32.09	39.33	3.933E+01	2.273E-11
32.137	39.30	3.930E+01	2.258E-11
32.177	39.30	3.930E+01	2.260E-11
32.219	39.44	3.944E+01	2.330E-11
32.26	39.66	3.966E+01	2.453E-11
32.322	40.00	4.000E+01	2.651E-11
32.381	40.05	4.005E+01	2.681E-11
32.441	39.82	3.982E+01	2.547E-11
32.5	39.65	3.965E+01	2.447E-11
32.559	39.59	3.959E+01	2.413E-11
32.619	40.07	4.007E+01	2.696E-11
32.678	40.05	4.005E+01	2.681E-11
32.737	40.22	4.022E+01	2.789E-11
32.8	40.20	4.020E+01	2.776E-11
32.818	40.86	4.086E+01	3.231E-11
32.856	40.25	4.025E+01	2.812E-11
32.915	40.18	4.018E+01	2.768E-11
32.974	40.63	4.063E+01	3.066E-11
33.031	40.28	4.028E+01	2.830E-11
33.093	40.52	4.052E+01	2.987E-11
33.152	40.57	4.057E+01	3.026E-11
33.199	40.63	4.063E+01	3.069E-11
33.211	39.84	3.984E+01	2.558E-11
33.271	39.95	3.995E+01	2.621E-11
33.33	40.06	4.006E+01	2.688E-11
33.39	40.06	4.006E+01	2.688E-11
33.449	40.12	4.012E+01	2.727E-11
33.508	40.19	4.019E+01	2.773E-11
33.587	40.48	4.048E+01	2.962E-11
33.627	40.19	4.019E+01	2.773E-11
33.686	40.07	4.007E+01	2.696E-11
33.745	40.13	4.013E+01	2.734E-11
33.805	40.12	4.012E+01	2.727E-11
33.864	40.10	4.010E+01	2.711E-11
33.946	40.91	4.091E+01	3.269E-11
33.992	41.35	4.135E+01	3.619E-11
34.027	41.40	4.140E+01	3.666E-11
34.086	41.45	4.145E+01	3.706E-11
34.126	40.83	4.083E+01	3.213E-11
34.157	40.56	4.056E+01	3.016E-11
34.22	41.09	4.109E+01	3.411E-11
34.259	40.82	4.082E+01	3.202E-11

34.322	41.08	4.108E+01	3.401E-11
34.393	41.35	4.135E+01	3.619E-11
34.48	41.67	4.167E+01	3.896E-11
34.526	41.52	4.152E+01	3.760E-11
34.625	41.55	4.155E+01	3.792E-11
34.694	41.65	4.165E+01	3.878E-11
34.756	41.88	4.188E+01	4.091E-11
34.81	41.60	4.160E+01	3.830E-11
34.902	41.87	4.187E+01	4.080E-11
34.971	41.97	4.197E+01	4.173E-11
35.027	41.82	4.182E+01	4.030E-11
35.089	41.65	4.165E+01	3.878E-11
35.152	41.80	4.180E+01	4.016E-11
35.198	41.92	4.192E+01	4.126E-11
35.267	42.10	4.210E+01	4.304E-11
35.317	41.88	4.188E+01	4.091E-11
35.386	41.99	4.199E+01	4.197E-11
35.46	42.03	4.203E+01	4.232E-11
35.505	41.77	4.177E+01	3.989E-11
35.574	41.86	4.186E+01	4.068E-11
35.638	41.81	4.181E+01	4.023E-11
35.692	42.11	4.211E+01	4.317E-11
35.752	41.94	4.194E+01	4.150E-11
35.804	42.04	4.204E+01	4.244E-11
35.865	42.02	4.202E+01	4.225E-11
35.939	42.07	4.207E+01	4.268E-11
35.994	41.96	4.196E+01	4.168E-11
36.058	42.14	4.214E+01	4.341E-11
36.112	42.21	4.221E+01	4.415E-11
36.174	42.20	4.220E+01	4.400E-11
36.269	42.34	4.234E+01	4.551E-11
36.32	42.58	4.258E+01	4.805E-11
36.414	42.58	4.258E+01	4.805E-11
36.453	43.02	4.302E+01	5.318E-11
36.508	42.72	4.272E+01	4.961E-11
36.567	42.29	4.229E+01	4.490E-11
36.646	42.62	4.262E+01	4.845E-11
36.701	43.08	4.308E+01	5.390E-11
36.76	43.18	4.318E+01	5.516E-11
36.822	43.13	4.313E+01	5.454E-11
36.873	43.09	4.309E+01	5.408E-11
36.938	43.17	4.317E+01	5.501E-11
37.002	43.07	4.307E+01	5.378E-11
37.051	43.00	4.300E+01	5.295E-11
37.114	42.41	4.241E+01	4.619E-11
37.165	41.93	4.193E+01	4.138E-11
37.214	42.19	4.219E+01	4.396E-11
37.264	42.89	4.289E+01	5.163E-11
37.333	42.16	4.216E+01	4.366E-11

Calculate device radiated power from EMC test data

37.392	42.08	4.208E+01	4.286E-11
37.447	42.38	4.238E+01	4.593E-11
37.509	42.41	4.241E+01	4.619E-11
37.546	42.29	4.229E+01	4.490E-11
37.644	42.34	4.234E+01	4.548E-11
37.723	42.43	4.243E+01	4.645E-11
37.787	42.11	4.211E+01	4.312E-11
37.844	41.93	4.193E+01	4.140E-11
37.901	42.80	4.280E+01	5.055E-11
38.005	43.09	4.309E+01	5.408E-11
38.045	43.02	4.302E+01	5.318E-11
38.108	42.57	4.257E+01	4.794E-11
38.139	41.93	4.193E+01	4.140E-11
38.203	41.77	4.177E+01	3.989E-11
38.261	42.30	4.230E+01	4.506E-11
38.312	42.14	4.214E+01	4.341E-11
38.4	42.25	4.225E+01	4.453E-11
38.459	42.79	4.279E+01	5.047E-11
38.509	43.34	4.334E+01	5.722E-11
38.587	43.31	4.331E+01	5.690E-11
38.633	42.18	4.218E+01	4.378E-11
38.69	42.15	4.215E+01	4.356E-11
38.749	42.57	4.257E+01	4.794E-11
38.816	43.04	4.304E+01	5.340E-11
38.89	43.00	4.300E+01	5.288E-11
38.944	43.46	4.346E+01	5.886E-11
39.003	43.73	4.373E+01	6.262E-11
39.082	43.25	4.325E+01	5.610E-11
39.134	43.06	4.306E+01	5.363E-11
39.204	43.04	4.304E+01	5.340E-11
39.263	43.34	4.334E+01	5.729E-11
39.311	42.92	4.292E+01	5.199E-11
39.399	43.16	4.316E+01	5.485E-11
39.459	43.34	4.334E+01	5.729E-11
39.502	43.56	4.356E+01	6.020E-11
39.601	43.09	4.309E+01	5.408E-11
39.692	43.05	4.305E+01	5.354E-11
39.755	43.13	4.313E+01	5.454E-11
39.804	43.02	4.302E+01	5.318E-11
39.858	42.87	4.287E+01	5.141E-11
39.908	42.87	4.287E+01	5.134E-11
39.982	42.95	4.295E+01	5.229E-11