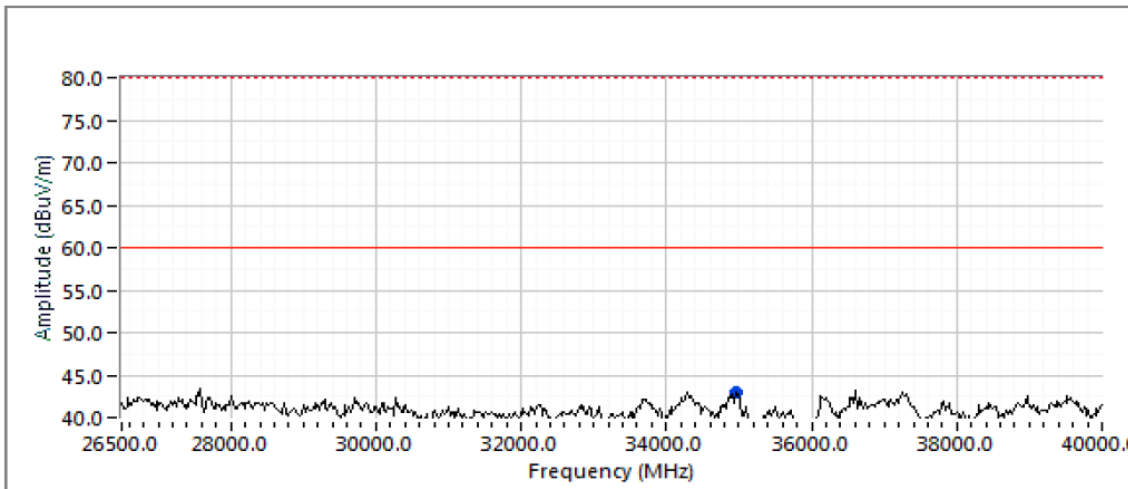


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 09 June 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 2, Figure 37, Class A device)
Frequency span: 26,500 MHz to 40,000 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: -0.00 dB
No. of sample points: 13,500
Cumulative S level: $4.533\text{E-}07 \text{ W/m}^2$
Device radiated power: 0.0313 mW

EMC test spectral plot



Plot of extracted data from EMC test spectral plot

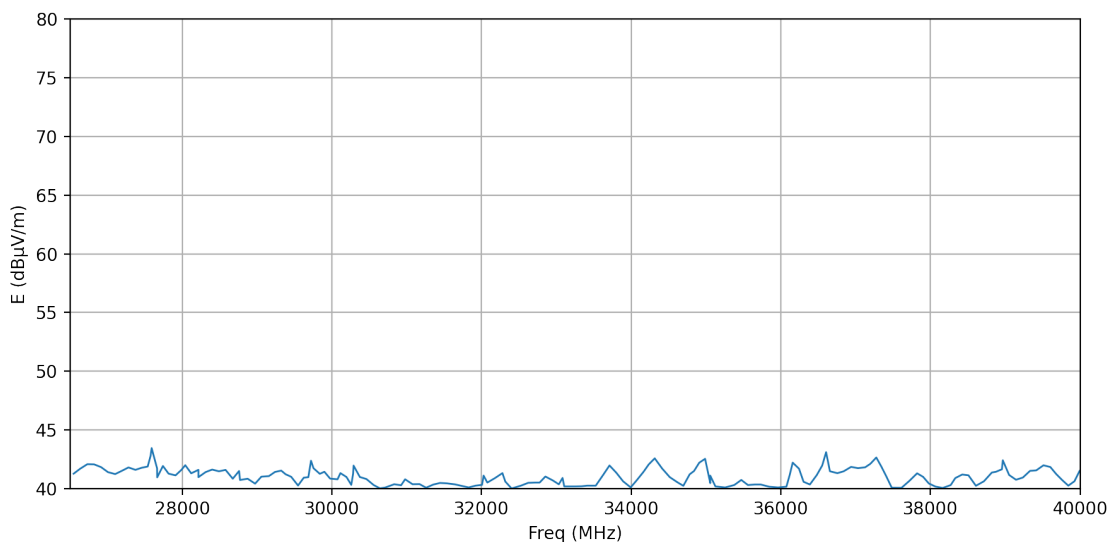


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
26548	41.27	4.127E+01	3.552E-11
26634	41.69	4.169E+01	3.911E-11
26732	42.08	4.208E+01	4.281E-11
26822	42.06	4.206E+01	4.266E-11
26915	41.83	4.183E+01	4.040E-11
27007	41.40	4.140E+01	3.661E-11
27103	41.24	4.124E+01	3.525E-11
27192	41.51	4.151E+01	3.757E-11
27281	41.80	4.180E+01	4.015E-11
27374	41.60	4.160E+01	3.831E-11
27458	41.77	4.177E+01	3.991E-11
27538	41.88	4.188E+01	4.089E-11
27577	42.81	4.281E+01	5.069E-11
27591	43.45	4.345E+01	5.869E-11
27663	41.72	4.172E+01	3.943E-11
27665	40.96	4.096E+01	3.306E-11
27742	41.93	4.193E+01	4.133E-11
27817	41.27	4.127E+01	3.556E-11
27910	41.13	4.113E+01	3.438E-11
27986	41.58	4.158E+01	3.817E-11
28040	41.99	4.199E+01	4.196E-11
28119	41.30	4.130E+01	3.579E-11
28216	41.60	4.160E+01	3.831E-11
28216	40.97	4.097E+01	3.318E-11
28312	41.41	4.141E+01	3.667E-11
28400	41.62	4.162E+01	3.851E-11
28490	41.47	4.147E+01	3.723E-11
28579	41.59	4.159E+01	3.826E-11
28675	40.84	4.084E+01	3.220E-11
28759	41.50	4.150E+01	3.745E-11
28772	40.73	4.073E+01	3.139E-11
28874	40.84	4.084E+01	3.220E-11
28973	40.42	4.042E+01	2.922E-11
29058	41.02	4.102E+01	3.352E-11
29157	41.06	4.106E+01	3.386E-11
29240	41.42	4.142E+01	3.678E-11
29323	41.53	4.153E+01	3.774E-11
29380	41.22	4.122E+01	3.515E-11
29455	41.01	4.101E+01	3.344E-11
29547	40.26	4.026E+01	2.817E-11
29624	40.93	4.093E+01	3.285E-11
29685	40.97	4.097E+01	3.318E-11
29720	42.37	4.237E+01	4.581E-11
29754	41.74	4.174E+01	3.955E-11
29838	41.26	4.126E+01	3.543E-11
29899	41.43	4.143E+01	3.689E-11

29976	40.85	4.085E+01	3.228E-11
30075	40.79	4.079E+01	3.183E-11
30113	41.32	4.132E+01	3.593E-11
30195	40.99	4.099E+01	3.328E-11
30259	40.32	4.032E+01	2.852E-11
30283	41.28	4.128E+01	3.558E-11
30289	41.96	4.196E+01	4.164E-11
30374	40.98	4.098E+01	3.327E-11
30461	40.82	4.082E+01	3.200E-11
30557	40.30	4.030E+01	2.845E-11
30641	40.02	4.002E+01	2.665E-11
30710	40.09	4.009E+01	2.705E-11
30833	40.37	4.037E+01	2.889E-11
30925	40.28	4.028E+01	2.831E-11
30978	40.79	4.079E+01	3.183E-11
31078	40.37	4.037E+01	2.889E-11
31171	40.38	4.038E+01	2.896E-11
31259	40.07	4.007E+01	2.699E-11
31355	40.34	4.034E+01	2.870E-11
31445	40.48	4.048E+01	2.962E-11
31537	40.45	4.045E+01	2.940E-11
31644	40.36	4.036E+01	2.881E-11
31736	40.23	4.023E+01	2.795E-11
31827	40.10	4.010E+01	2.712E-11
31919	40.25	4.025E+01	2.810E-11
32006	40.32	4.032E+01	2.852E-11
32027	41.11	4.111E+01	3.423E-11
32077	40.51	4.051E+01	2.985E-11
32179	40.90	4.090E+01	3.260E-11
32279	41.32	4.132E+01	3.593E-11
32317	40.60	4.060E+01	3.046E-11
32401	40.01	4.001E+01	2.658E-11
32531	40.26	4.026E+01	2.817E-11
32623	40.49	4.049E+01	2.970E-11
32715	40.51	4.051E+01	2.985E-11
32776	40.51	4.051E+01	2.985E-11
32853	41.03	4.103E+01	3.361E-11
32952	40.69	4.069E+01	3.112E-11
33033	40.36	4.036E+01	2.885E-11
33082	40.91	4.091E+01	3.269E-11
33105	40.18	4.018E+01	2.767E-11
33255	40.18	4.018E+01	2.767E-11
33338	40.20	4.020E+01	2.776E-11
33411	40.25	4.025E+01	2.810E-11
33526	40.25	4.025E+01	2.810E-11
33625	41.17	4.117E+01	3.473E-11
33710	41.97	4.197E+01	4.174E-11
33801	41.35	4.135E+01	3.616E-11
33892	40.62	4.062E+01	3.058E-11

Calculate device radiated power from EMC test data

33993	40.10	4.010E+01	2.716E-11
34071	40.69	4.069E+01	3.110E-11
34165	41.43	4.143E+01	3.689E-11
34234	42.06	4.206E+01	4.260E-11
34314	42.58	4.258E+01	4.800E-11
34414	41.71	4.171E+01	3.929E-11
34515	40.97	4.097E+01	3.318E-11
34620	40.53	4.053E+01	2.994E-11
34697	40.24	4.024E+01	2.801E-11
34781	41.21	4.121E+01	3.508E-11
34840	41.50	4.150E+01	3.745E-11
34909	42.20	4.220E+01	4.405E-11
34987	42.54	4.254E+01	4.757E-11
35056	40.46	4.046E+01	2.951E-11
35056	41.10	4.110E+01	3.420E-11
35125	40.18	4.018E+01	2.767E-11
35255	40.09	4.009E+01	2.711E-11
35378	40.30	4.030E+01	2.845E-11
35471	40.74	4.074E+01	3.143E-11
35560	40.30	4.030E+01	2.844E-11
35653	40.35	4.035E+01	2.874E-11
35730	40.35	4.035E+01	2.874E-11
35844	40.16	4.016E+01	2.751E-11
35962	40.09	4.009E+01	2.711E-11
36074	40.16	4.016E+01	2.754E-11
36120	41.20	4.120E+01	3.499E-11
36158	42.21	4.221E+01	4.413E-11
36242	41.70	4.170E+01	3.919E-11
36304	40.58	4.058E+01	3.030E-11
36388	40.35	4.035E+01	2.874E-11
36479	41.15	4.115E+01	3.455E-11
36553	41.97	4.197E+01	4.173E-11
36604	43.10	4.310E+01	5.419E-11
36655	41.48	4.148E+01	3.727E-11
36755	41.31	4.131E+01	3.588E-11
36839	41.47	4.147E+01	3.723E-11
36939	41.85	4.185E+01	4.060E-11
37030	41.74	4.174E+01	3.959E-11
37127	41.81	4.181E+01	4.028E-11
37196	42.11	4.211E+01	4.314E-11
37275	42.65	4.265E+01	4.881E-11
37344	41.86	4.186E+01	4.070E-11
37405	41.09	4.109E+01	3.410E-11
37482	40.07	4.007E+01	2.699E-11
37612	40.06	4.006E+01	2.692E-11
37719	40.67	4.067E+01	3.092E-11
37821	41.30	4.130E+01	3.579E-11
37901	41.00	4.100E+01	3.339E-11
37978	40.43	4.043E+01	2.931E-11

Calculate device radiated power from EMC test data

38066	40.17	4.017E+01	2.759E-11
38163	40.05	4.005E+01	2.685E-11
38270	40.30	4.030E+01	2.842E-11
38331	40.90	4.090E+01	3.260E-11
38424	41.20	4.120E+01	3.495E-11
38507	41.13	4.113E+01	3.441E-11
38607	40.24	4.024E+01	2.803E-11
38714	40.62	4.062E+01	3.061E-11
38819	41.37	4.137E+01	3.634E-11
38874	41.43	4.143E+01	3.689E-11
38954	41.64	4.164E+01	3.872E-11
38966	42.41	4.241E+01	4.621E-11
39050	41.16	4.116E+01	3.464E-11
39142	40.75	4.075E+01	3.155E-11
39234	40.94	4.094E+01	3.293E-11
39330	41.51	4.151E+01	3.757E-11
39413	41.55	4.155E+01	3.791E-11
39509	41.98	4.198E+01	4.188E-11
39601	41.84	4.184E+01	4.050E-11
39678	41.25	4.125E+01	3.539E-11
39758	40.74	4.074E+01	3.144E-11
39842	40.25	4.025E+01	2.810E-11
39924	40.63	4.063E+01	3.063E-11
39992	41.50	4.150E+01	3.745E-11