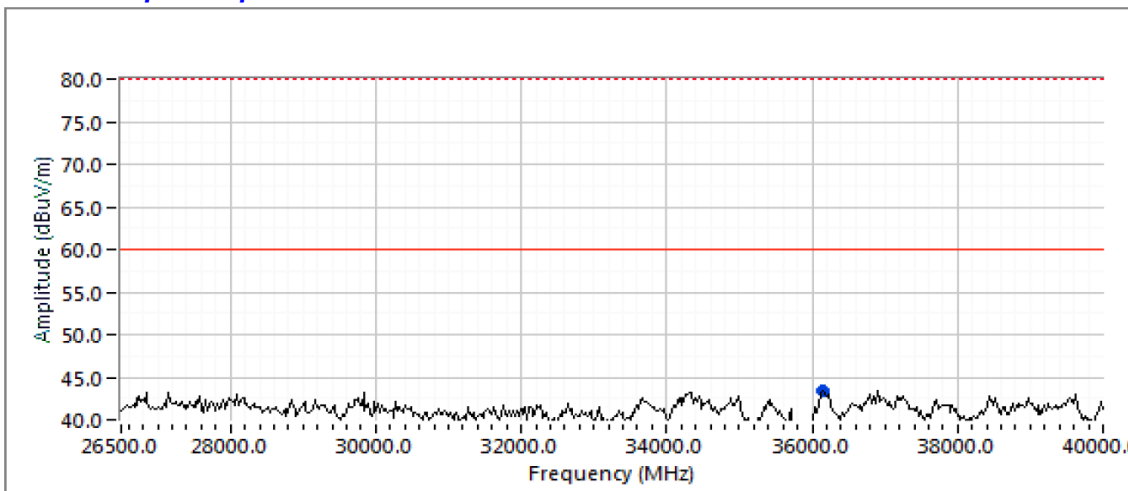


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 09 June 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 3, Figure 45b, 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: $4.961\text{E-}07$ W/m²
Device radiated power: 0.0342 mW

EMC test spectral plot



Plot of extracted data from EMC test spectral plot

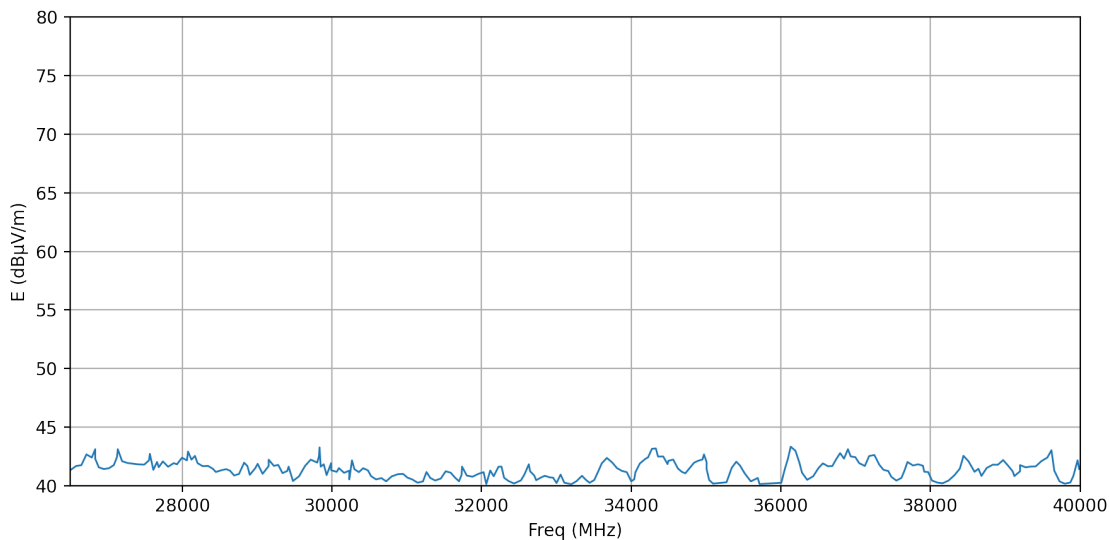


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dB μ V/m)	E (V/m rms)	S (W/m ²)
26509	41.35	4.135E+01	3.620E-11
26582	41.69	4.169E+01	3.911E-11
26651	41.75	4.175E+01	3.971E-11
26719	42.67	4.267E+01	4.909E-11
26791	42.41	4.241E+01	4.615E-11
26837	43.12	4.312E+01	5.436E-11
26837	42.30	4.230E+01	4.502E-11
26884	41.57	4.157E+01	3.806E-11
26953	41.42	4.142E+01	3.680E-11
27022	41.50	4.150E+01	3.743E-11
27086	41.77	4.177E+01	3.984E-11
27128	42.45	4.245E+01	4.665E-11
27138	43.12	4.312E+01	5.436E-11
27196	42.09	4.209E+01	4.293E-11
27266	41.94	4.194E+01	4.148E-11
27335	41.88	4.188E+01	4.093E-11
27405	41.83	4.183E+01	4.039E-11
27492	41.80	4.180E+01	4.016E-11
27555	42.17	4.217E+01	4.367E-11
27567	42.72	4.272E+01	4.961E-11
27613	41.36	4.136E+01	3.624E-11
27663	42.02	4.202E+01	4.228E-11
27686	41.58	4.158E+01	3.815E-11
27741	42.07	4.207E+01	4.277E-11
27810	41.62	4.162E+01	3.852E-11
27886	41.93	4.193E+01	4.133E-11
27929	41.83	4.183E+01	4.039E-11
27996	42.39	4.239E+01	4.598E-11
28062	42.16	4.216E+01	4.363E-11
28077	42.92	4.292E+01	5.193E-11
28123	42.22	4.222E+01	4.426E-11
28170	42.55	4.255E+01	4.767E-11
28204	41.93	4.193E+01	4.133E-11
28273	41.67	4.167E+01	3.894E-11
28343	41.69	4.169E+01	3.918E-11
28407	41.45	4.145E+01	3.708E-11
28449	41.17	4.117E+01	3.474E-11
28516	41.31	4.131E+01	3.587E-11
28587	41.41	4.141E+01	3.673E-11
28639	41.28	4.128E+01	3.562E-11
28692	40.87	4.087E+01	3.244E-11
28758	41.00	4.100E+01	3.341E-11
28827	41.97	4.197E+01	4.171E-11
28871	41.68	4.168E+01	3.903E-11
28902	40.93	4.093E+01	3.283E-11
28975	41.49	4.149E+01	3.740E-11

29007	41.87	4.187E+01	4.076E-11
29074	41.02	4.102E+01	3.352E-11
29155	41.68	4.168E+01	3.903E-11
29155	42.22	4.222E+01	4.426E-11
29224	41.69	4.169E+01	3.918E-11
29282	41.78	4.178E+01	3.993E-11
29340	41.07	4.107E+01	3.397E-11
29404	41.26	4.126E+01	3.546E-11
29421	41.63	4.163E+01	3.859E-11
29479	40.40	4.040E+01	2.911E-11
29560	40.80	4.080E+01	3.190E-11
29641	41.69	4.169E+01	3.918E-11
29717	42.22	4.222E+01	4.426E-11
29804	41.98	4.198E+01	4.180E-11
29827	42.52	4.252E+01	4.740E-11
29835	43.27	4.327E+01	5.632E-11
29850	41.63	4.163E+01	3.859E-11
29891	41.83	4.183E+01	4.039E-11
29929	40.91	4.091E+01	3.268E-11
29989	41.93	4.193E+01	4.133E-11
29990	41.32	4.132E+01	3.597E-11
30064	41.18	4.118E+01	3.482E-11
30093	41.50	4.150E+01	3.750E-11
30162	41.10	4.110E+01	3.419E-11
30232	41.28	4.128E+01	3.562E-11
30232	40.54	4.054E+01	3.001E-11
30268	42.17	4.217E+01	4.368E-11
30301	41.41	4.141E+01	3.670E-11
30360	41.16	4.116E+01	3.462E-11
30418	41.50	4.150E+01	3.743E-11
30482	41.31	4.131E+01	3.583E-11
30523	40.81	4.081E+01	3.200E-11
30591	40.54	4.054E+01	3.001E-11
30661	40.65	4.065E+01	3.082E-11
30725	40.38	4.038E+01	2.894E-11
30800	40.80	4.080E+01	3.190E-11
30881	40.98	4.098E+01	3.326E-11
30951	41.01	4.101E+01	3.345E-11
31009	40.69	4.069E+01	3.112E-11
31076	40.53	4.053E+01	2.997E-11
31145	40.26	4.026E+01	2.815E-11
31217	40.37	4.037E+01	2.886E-11
31264	41.17	4.117E+01	3.472E-11
31314	40.66	4.066E+01	3.091E-11
31380	40.45	4.045E+01	2.939E-11
31455	40.61	4.061E+01	3.053E-11
31520	41.23	4.123E+01	3.522E-11
31587	41.11	4.111E+01	3.427E-11
31646	40.69	4.069E+01	3.106E-11

31698	40.38	4.038E+01	2.894E-11
31733	40.93	4.093E+01	3.289E-11
31739	41.63	4.163E+01	3.859E-11
31803	40.86	4.086E+01	3.236E-11
31878	40.77	4.077E+01	3.166E-11
31959	41.02	4.102E+01	3.352E-11
32027	41.16	4.116E+01	3.462E-11
32046	40.60	4.060E+01	3.047E-11
32064	40.14	4.014E+01	2.739E-11
32116	41.30	4.130E+01	3.578E-11
32162	40.81	4.081E+01	3.196E-11
32226	41.62	4.162E+01	3.852E-11
32266	41.63	4.163E+01	3.859E-11
32301	40.68	4.068E+01	3.102E-11
32359	40.40	4.040E+01	2.911E-11
32434	40.19	4.019E+01	2.771E-11
32527	40.46	4.046E+01	2.950E-11
32573	40.97	4.097E+01	3.314E-11
32631	41.83	4.183E+01	4.039E-11
32649	41.23	4.123E+01	3.522E-11
32705	40.87	4.087E+01	3.239E-11
32730	40.47	4.047E+01	2.956E-11
32797	40.71	4.071E+01	3.124E-11
32846	40.85	4.085E+01	3.224E-11
32908	40.72	4.072E+01	3.127E-11
32956	40.69	4.069E+01	3.106E-11
33002	40.23	4.023E+01	2.797E-11
33056	40.95	4.095E+01	3.303E-11
33105	40.26	4.026E+01	2.815E-11
33199	40.13	4.013E+01	2.731E-11
33269	40.39	4.039E+01	2.900E-11
33342	40.84	4.084E+01	3.222E-11
33395	40.50	4.050E+01	2.974E-11
33444	40.25	4.025E+01	2.809E-11
33506	40.49	4.049E+01	2.967E-11
33564	41.30	4.130E+01	3.576E-11
33606	41.91	4.191E+01	4.114E-11
33674	42.37	4.237E+01	4.580E-11
33747	41.98	4.198E+01	4.180E-11
33810	41.50	4.150E+01	3.746E-11
33877	41.26	4.126E+01	3.546E-11
33941	41.16	4.116E+01	3.462E-11
34000	40.38	4.038E+01	2.894E-11
34039	40.54	4.054E+01	3.001E-11
34057	41.16	4.116E+01	3.462E-11
34115	41.89	4.189E+01	4.101E-11
34187	42.29	4.229E+01	4.489E-11
34225	42.42	4.242E+01	4.633E-11
34277	43.15	4.315E+01	5.478E-11

Calculate device radiated power from EMC test data

34329	43.18	4.318E+01	5.519E-11
34358	42.49	4.249E+01	4.704E-11
34428	42.50	4.250E+01	4.713E-11
34486	41.84	4.184E+01	4.055E-11
34497	42.12	4.212E+01	4.326E-11
34561	42.23	4.223E+01	4.436E-11
34625	41.46	4.146E+01	3.715E-11
34677	41.18	4.118E+01	3.482E-11
34723	41.06	4.106E+01	3.384E-11
34783	41.53	4.153E+01	3.772E-11
34839	41.96	4.196E+01	4.164E-11
34892	42.12	4.212E+01	4.326E-11
34952	42.24	4.224E+01	4.438E-11
34972	42.67	4.267E+01	4.905E-11
35007	42.02	4.202E+01	4.228E-11
35007	41.43	4.143E+01	3.687E-11
35042	40.49	4.049E+01	2.967E-11
35094	40.18	4.018E+01	2.764E-11
35274	40.29	4.029E+01	2.839E-11
35343	41.53	4.153E+01	3.772E-11
35404	42.05	4.205E+01	4.252E-11
35453	41.73	4.173E+01	3.948E-11
35517	41.05	4.105E+01	3.377E-11
35598	40.37	4.037E+01	2.889E-11
35691	40.66	4.066E+01	3.088E-11
35715	40.14	4.014E+01	2.739E-11
36006	40.25	4.025E+01	2.809E-11
36050	41.36	4.136E+01	3.624E-11
36095	42.32	4.232E+01	4.528E-11
36131	43.33	4.333E+01	5.712E-11
36195	42.98	4.298E+01	5.265E-11
36247	41.98	4.198E+01	4.180E-11
36282	41.12	4.112E+01	3.433E-11
36351	40.50	4.050E+01	2.979E-11
36433	40.81	4.081E+01	3.196E-11
36502	41.50	4.150E+01	3.750E-11
36561	41.91	4.191E+01	4.114E-11
36630	41.66	4.166E+01	3.888E-11
36688	41.68	4.168E+01	3.903E-11
36740	42.26	4.226E+01	4.466E-11
36792	42.78	4.278E+01	5.033E-11
36844	42.31	4.231E+01	4.517E-11
36896	43.12	4.312E+01	5.436E-11
36933	42.50	4.250E+01	4.717E-11
36995	42.44	4.244E+01	4.650E-11
37047	41.93	4.193E+01	4.133E-11
37122	41.68	4.168E+01	3.910E-11
37180	42.53	4.253E+01	4.753E-11
37250	42.62	4.262E+01	4.849E-11

37315	41.79	4.179E+01	4.009E-11
37371	41.36	4.136E+01	3.624E-11
37435	41.26	4.126E+01	3.542E-11
37477	40.75	4.075E+01	3.156E-11
37544	40.44	4.044E+01	2.934E-11
37611	40.67	4.067E+01	3.092E-11
37651	41.28	4.128E+01	3.562E-11
37692	42.02	4.202E+01	4.228E-11
37765	41.73	4.173E+01	3.948E-11
37835	41.83	4.183E+01	4.039E-11
37899	41.71	4.171E+01	3.930E-11
37916	41.19	4.119E+01	3.492E-11
37968	41.17	4.117E+01	3.469E-11
38020	40.44	4.044E+01	2.934E-11
38090	40.27	4.027E+01	2.824E-11
38159	40.21	4.021E+01	2.781E-11
38241	40.44	4.044E+01	2.934E-11
38322	40.91	4.091E+01	3.270E-11
38391	41.45	4.145E+01	3.708E-11
38427	42.23	4.223E+01	4.436E-11
38439	42.55	4.255E+01	4.776E-11
38507	42.09	4.209E+01	4.293E-11
38588	41.19	4.119E+01	3.489E-11
38640	41.45	4.145E+01	3.701E-11
38681	40.83	4.083E+01	3.214E-11
38750	41.51	4.151E+01	3.757E-11
38832	41.79	4.179E+01	4.009E-11
38901	41.79	4.179E+01	4.009E-11
38971	42.19	4.219E+01	4.392E-11
39034	41.73	4.173E+01	3.948E-11
39098	41.23	4.123E+01	3.522E-11
39120	40.82	4.082E+01	3.207E-11
39197	41.23	4.123E+01	3.522E-11
39197	41.76	4.176E+01	3.978E-11
39271	41.57	4.157E+01	3.806E-11
39341	41.64	4.164E+01	3.866E-11
39405	41.65	4.165E+01	3.877E-11
39481	42.09	4.209E+01	4.293E-11
39562	42.41	4.241E+01	4.615E-11
39616	43.03	4.303E+01	5.326E-11
39654	41.28	4.128E+01	3.562E-11
39724	40.37	4.037E+01	2.889E-11
39793	40.17	4.017E+01	2.760E-11
39869	40.27	4.027E+01	2.824E-11
39909	40.83	4.083E+01	3.214E-11
39965	42.17	4.217E+01	4.372E-11
39987	41.42	4.142E+01	3.679E-11