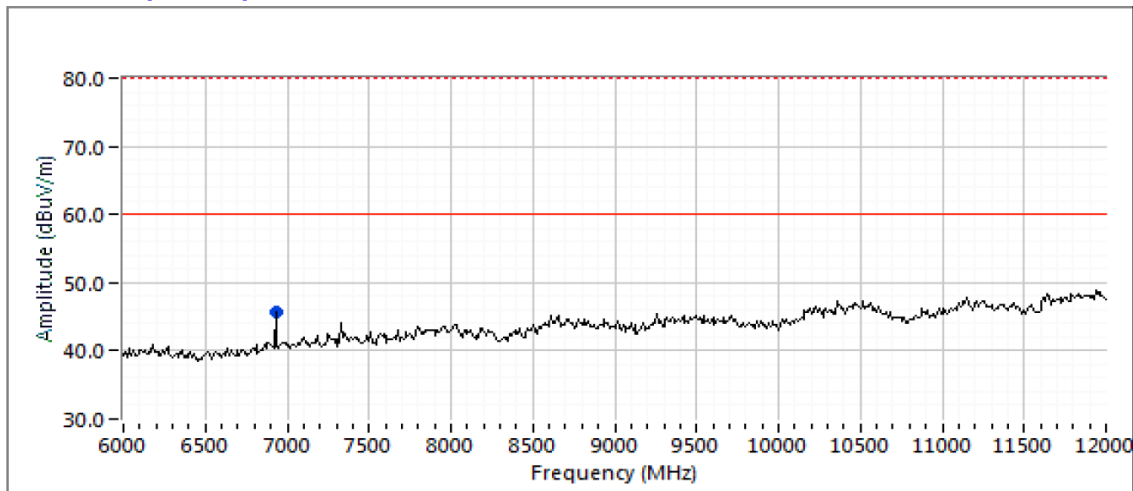


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 09 June 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 3, Figure 44a, Class A device)
Frequency span: 6,000 MHz to 12,000 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: -0.00 dB
No. of sample points: 6,000
Cumulative S level: $4.128\text{E-}07 \text{ W/m}^2$
Device radiated power: 0.0285 mW

EMC test spectral plot



Plot of extracted data from EMC test spectral plot

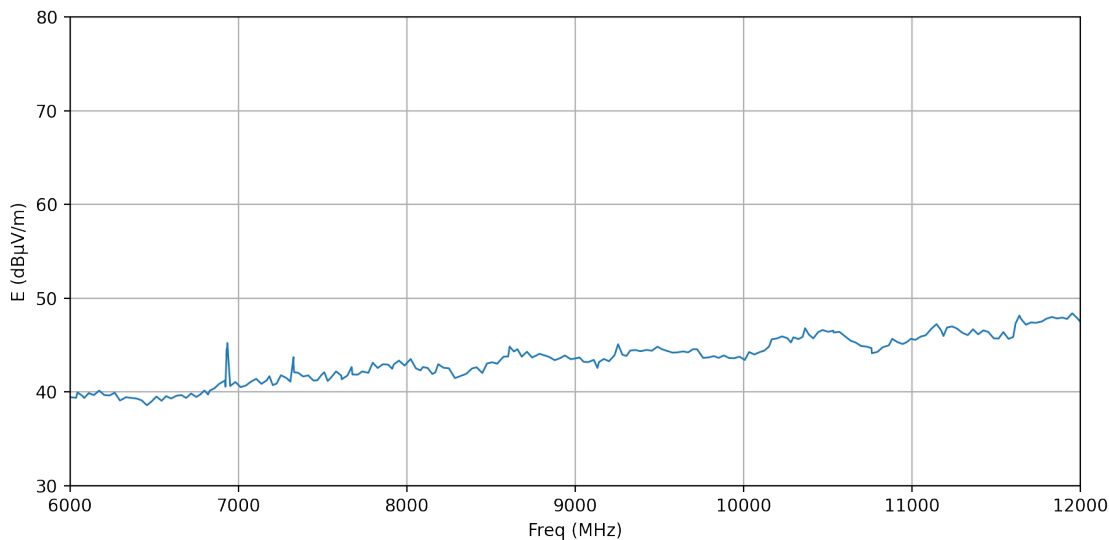


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
6008	39.43	3.943E+01	2.325E-11
6036	39.38	3.938E+01	2.300E-11
6044	39.95	3.995E+01	2.621E-11
6072	39.60	3.960E+01	2.422E-11
6084	39.36	3.936E+01	2.287E-11
6111	39.88	3.988E+01	2.577E-11
6142	39.67	3.967E+01	2.457E-11
6173	40.15	4.015E+01	2.743E-11
6204	39.67	3.967E+01	2.457E-11
6235	39.63	3.963E+01	2.433E-11
6265	39.93	3.993E+01	2.607E-11
6297	39.08	3.908E+01	2.149E-11
6333	39.44	3.944E+01	2.331E-11
6364	39.37	3.937E+01	2.292E-11
6395	39.30	3.930E+01	2.259E-11
6426	39.11	3.911E+01	2.159E-11
6456	38.59	3.859E+01	1.915E-11
6482	38.95	3.895E+01	2.083E-11
6513	39.51	3.951E+01	2.370E-11
6544	39.06	3.906E+01	2.136E-11
6570	39.55	3.955E+01	2.394E-11
6601	39.30	3.930E+01	2.259E-11
6632	39.59	3.959E+01	2.416E-11
6663	39.67	3.967E+01	2.457E-11
6690	39.36	3.936E+01	2.287E-11
6719	39.83	3.983E+01	2.553E-11
6750	39.47	3.947E+01	2.348E-11
6773	39.73	3.973E+01	2.492E-11
6798	40.16	4.016E+01	2.750E-11
6820	39.73	3.973E+01	2.492E-11
6830	40.15	4.015E+01	2.743E-11
6858	40.40	4.040E+01	2.905E-11
6883	40.83	4.083E+01	3.208E-11
6920	41.23	4.123E+01	3.518E-11
6923	40.56	4.056E+01	3.015E-11
6925	41.79	4.179E+01	4.004E-11
6927	42.72	4.272E+01	4.967E-11
6931	44.60	4.460E+01	7.642E-11
6931	43.85	4.385E+01	6.432E-11
6935	45.22	4.522E+01	8.823E-11
6951	40.63	4.063E+01	3.070E-11
6982	41.06	4.106E+01	3.386E-11
7013	40.52	4.052E+01	2.990E-11
7044	40.68	4.068E+01	3.101E-11
7073	41.08	4.108E+01	3.399E-11
7106	41.40	4.140E+01	3.664E-11

Calculate device radiated power from EMC test data

7137	40.86	4.086E+01	3.236E-11
7168	41.23	4.123E+01	3.518E-11
7184	41.68	4.168E+01	3.909E-11
7204	40.73	4.073E+01	3.136E-11
7227	40.89	4.089E+01	3.259E-11
7253	41.79	4.179E+01	4.004E-11
7286	41.48	4.148E+01	3.726E-11
7309	41.10	4.110E+01	3.419E-11
7328	43.72	4.372E+01	6.250E-11
7328	42.97	4.297E+01	5.260E-11
7331	42.10	4.210E+01	4.302E-11
7356	42.04	4.204E+01	4.241E-11
7385	41.65	4.165E+01	3.879E-11
7415	41.77	4.177E+01	3.985E-11
7446	41.22	4.122E+01	3.510E-11
7469	41.25	4.125E+01	3.535E-11
7494	41.83	4.183E+01	4.045E-11
7511	42.10	4.210E+01	4.302E-11
7530	41.17	4.117E+01	3.475E-11
7550	41.54	4.154E+01	3.780E-11
7580	42.19	4.219E+01	4.396E-11
7611	41.75	4.175E+01	3.966E-11
7614	41.35	4.135E+01	3.621E-11
7648	41.75	4.175E+01	3.970E-11
7673	42.66	4.266E+01	4.896E-11
7678	41.86	4.186E+01	4.074E-11
7710	41.85	4.185E+01	4.062E-11
7736	42.19	4.219E+01	4.396E-11
7772	42.04	4.204E+01	4.241E-11
7798	43.12	4.312E+01	5.445E-11
7828	42.56	4.256E+01	4.780E-11
7858	42.95	4.295E+01	5.235E-11
7889	42.92	4.292E+01	5.198E-11
7914	42.47	4.247E+01	4.689E-11
7923	42.93	4.293E+01	5.210E-11
7954	43.35	4.335E+01	5.734E-11
7987	42.82	4.282E+01	5.075E-11
8023	43.51	4.351E+01	5.958E-11
8054	42.52	4.252E+01	4.740E-11
8081	42.30	4.230E+01	4.508E-11
8096	42.66	4.266E+01	4.896E-11
8124	42.56	4.256E+01	4.785E-11
8152	41.91	4.191E+01	4.121E-11
8170	42.10	4.210E+01	4.302E-11
8187	42.96	4.296E+01	5.245E-11
8219	42.58	4.258E+01	4.803E-11
8250	42.53	4.253E+01	4.746E-11
8286	41.48	4.148E+01	3.726E-11
8322	41.73	4.173E+01	3.947E-11

8353	41.93	4.193E+01	4.140E-11
8388	42.51	4.251E+01	4.728E-11
8415	42.63	4.263E+01	4.861E-11
8449	42.02	4.202E+01	4.225E-11
8477	43.04	4.304E+01	5.336E-11
8508	43.17	4.317E+01	5.505E-11
8537	43.01	4.301E+01	5.304E-11
8575	43.76	4.376E+01	6.310E-11
8602	43.78	4.378E+01	6.340E-11
8611	44.85	4.485E+01	8.094E-11
8637	44.31	4.431E+01	7.164E-11
8657	44.56	4.456E+01	7.587E-11
8683	43.76	4.376E+01	6.310E-11
8714	44.29	4.429E+01	7.129E-11
8744	43.67	4.367E+01	6.178E-11
8775	43.94	4.394E+01	6.572E-11
8789	44.08	4.408E+01	6.780E-11
8816	43.92	4.392E+01	6.537E-11
8848	43.72	4.372E+01	6.250E-11
8879	43.39	4.339E+01	5.789E-11
8910	43.60	4.360E+01	6.073E-11
8940	43.89	4.389E+01	6.502E-11
8973	43.50	4.350E+01	5.935E-11
9003	43.58	4.358E+01	6.044E-11
9026	43.68	4.368E+01	6.190E-11
9051	43.21	4.321E+01	5.560E-11
9078	43.19	4.319E+01	5.526E-11
9111	43.42	4.342E+01	5.833E-11
9133	42.56	4.256E+01	4.786E-11
9142	43.19	4.319E+01	5.532E-11
9171	43.52	4.352E+01	5.969E-11
9201	43.27	4.327E+01	5.636E-11
9235	43.93	4.393E+01	6.556E-11
9255	45.09	4.509E+01	8.573E-11
9281	43.97	4.397E+01	6.620E-11
9305	43.85	4.385E+01	6.432E-11
9327	44.42	4.442E+01	7.337E-11
9358	44.47	4.447E+01	7.426E-11
9389	44.35	4.435E+01	7.215E-11
9425	44.49	4.449E+01	7.452E-11
9456	44.40	4.440E+01	7.302E-11
9489	44.83	4.483E+01	8.071E-11
9518	44.54	4.454E+01	7.551E-11
9548	44.37	4.437E+01	7.254E-11
9578	44.20	4.420E+01	6.971E-11
9608	44.22	4.422E+01	7.011E-11
9642	44.33	4.433E+01	7.181E-11
9671	44.22	4.422E+01	7.011E-11
9699	44.55	4.455E+01	7.569E-11

Calculate device radiated power from EMC test data

9724	44.55	4.455E+01	7.569E-11
9760	43.64	4.364E+01	6.131E-11
9791	43.68	4.368E+01	6.190E-11
9824	43.82	4.382E+01	6.395E-11
9853	43.64	4.364E+01	6.131E-11
9884	43.90	4.390E+01	6.506E-11
9915	43.62	4.362E+01	6.102E-11
9943	43.60	4.360E+01	6.073E-11
9977	43.76	4.376E+01	6.310E-11
10008	43.41	4.341E+01	5.817E-11
10034	44.26	4.426E+01	7.078E-11
10064	43.99	4.399E+01	6.651E-11
10094	44.23	4.423E+01	7.031E-11
10124	44.41	4.441E+01	7.320E-11
10152	44.85	4.485E+01	8.094E-11
10168	45.61	4.561E+01	9.663E-11
10198	45.71	4.571E+01	9.873E-11
10229	45.93	4.593E+01	1.038E-10
10260	45.74	4.574E+01	9.944E-11
10282	45.28	4.528E+01	8.950E-11
10296	45.83	4.583E+01	1.015E-10
10327	45.65	4.565E+01	9.732E-11
10351	45.88	4.588E+01	1.028E-10
10366	46.80	4.680E+01	1.271E-10
10389	46.11	4.611E+01	1.083E-10
10415	45.72	4.572E+01	9.897E-11
10443	46.36	4.636E+01	1.147E-10
10470	46.61	4.661E+01	1.215E-10
10503	46.42	4.642E+01	1.162E-10
10533	46.54	4.654E+01	1.196E-10
10536	46.34	4.634E+01	1.143E-10
10570	46.42	4.642E+01	1.162E-10
10601	45.98	4.598E+01	1.051E-10
10637	45.47	4.547E+01	9.344E-11
10668	45.26	4.526E+01	8.907E-11
10700	44.89	4.489E+01	8.188E-11
10729	44.85	4.485E+01	8.094E-11
10760	44.68	4.468E+01	7.790E-11
10763	44.14	4.414E+01	6.878E-11
10796	44.27	4.427E+01	7.092E-11
10827	44.77	4.477E+01	7.959E-11
10863	44.97	4.497E+01	8.330E-11
10884	45.67	4.567E+01	9.779E-11
10914	45.32	4.532E+01	9.028E-11
10946	45.12	4.512E+01	8.614E-11
10969	45.30	4.530E+01	8.993E-11
10995	45.68	4.568E+01	9.803E-11
11021	45.55	4.555E+01	9.525E-11
11053	45.91	4.591E+01	1.033E-10

Calculate device radiated power from EMC test data

11082	46.04	4.604E+01	1.066E-10
11116	46.74	4.674E+01	1.251E-10
11147	47.24	4.724E+01	1.404E-10
11174	46.59	4.659E+01	1.210E-10
11188	45.97	4.597E+01	1.048E-10
11209	46.86	4.686E+01	1.288E-10
11239	46.99	4.699E+01	1.327E-10
11268	46.77	4.677E+01	1.260E-10
11299	46.33	4.633E+01	1.138E-10
11332	46.06	4.606E+01	1.071E-10
11363	46.69	4.669E+01	1.237E-10
11394	46.14	4.614E+01	1.092E-10
11425	46.57	4.657E+01	1.204E-10
11454	46.40	4.640E+01	1.159E-10
11487	45.72	4.572E+01	9.897E-11
11515	45.69	4.569E+01	9.840E-11
11544	46.39	4.639E+01	1.156E-10
11575	45.66	4.566E+01	9.756E-11
11602	45.86	4.586E+01	1.023E-10
11616	47.32	4.732E+01	1.430E-10
11639	48.15	4.815E+01	1.733E-10
11648	47.80	4.780E+01	1.599E-10
11678	47.17	4.717E+01	1.384E-10
11709	47.42	4.742E+01	1.466E-10
11737	47.37	4.737E+01	1.448E-10
11772	47.52	4.752E+01	1.498E-10
11800	47.81	4.781E+01	1.603E-10
11832	48.00	4.800E+01	1.672E-10
11863	47.84	4.784E+01	1.613E-10
11894	47.93	4.793E+01	1.648E-10
11923	47.79	4.779E+01	1.594E-10
11953	48.39	4.839E+01	1.832E-10
11979	47.93	4.793E+01	1.648E-10
12002	47.47	4.747E+01	1.480E-10