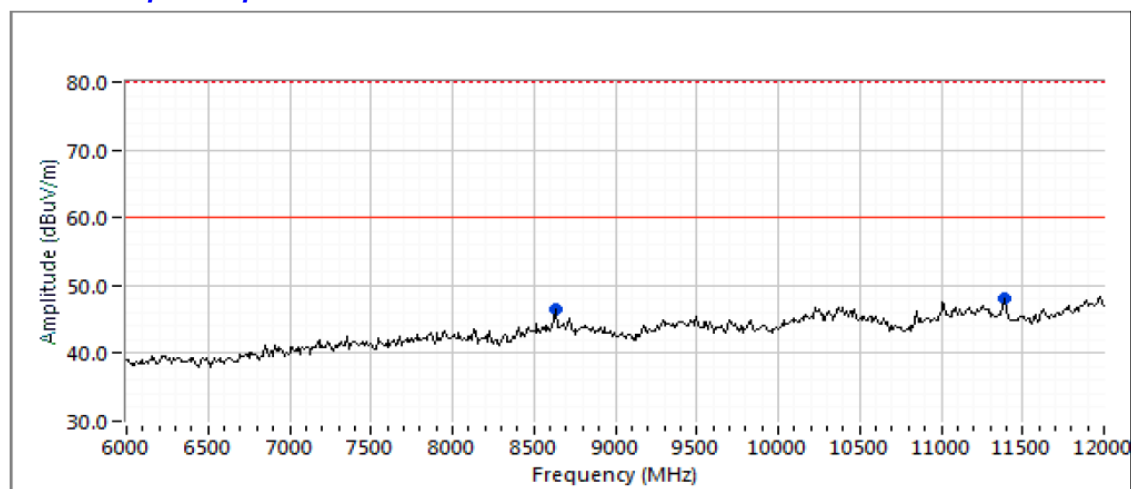


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 09 June 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 2, Figure 35b, 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: $3.649\text{E-}07 \text{ W/m}^2$
Device radiated power: 0.0252 mW

EMC test spectral plot



Plot of extracted data from EMC test spectral plot

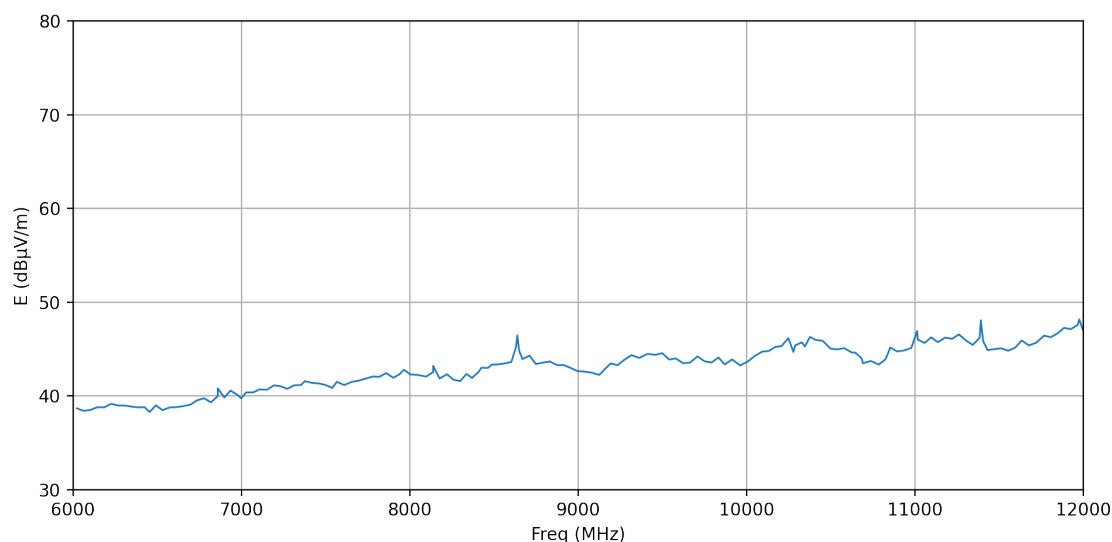


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
6023	38.68	3.868E+01	1.958E-11
6064	38.41	3.841E+01	1.838E-11
6105	38.52	3.852E+01	1.885E-11
6145	38.80	3.880E+01	2.013E-11
6186	38.79	3.879E+01	2.009E-11
6227	39.16	3.916E+01	2.188E-11
6270	38.98	3.898E+01	2.099E-11
6309	38.97	3.897E+01	2.093E-11
6349	38.86	3.886E+01	2.041E-11
6390	38.78	3.878E+01	2.002E-11
6424	38.81	3.881E+01	2.018E-11
6455	38.29	3.829E+01	1.789E-11
6492	39.00	3.900E+01	2.107E-11
6531	38.49	3.849E+01	1.872E-11
6574	38.78	3.878E+01	2.002E-11
6615	38.81	3.881E+01	2.015E-11
6656	38.92	3.892E+01	2.067E-11
6697	39.07	3.907E+01	2.140E-11
6737	39.54	3.954E+01	2.384E-11
6778	39.76	3.976E+01	2.508E-11
6819	39.32	3.932E+01	2.266E-11
6860	39.98	3.998E+01	2.642E-11
6860	40.82	4.082E+01	3.201E-11
6899	39.83	3.983E+01	2.548E-11
6935	40.57	4.057E+01	3.023E-11
6972	40.18	4.018E+01	2.762E-11
6999	39.74	3.974E+01	2.500E-11
7028	40.38	4.038E+01	2.892E-11
7071	40.39	4.039E+01	2.901E-11
7108	40.70	4.070E+01	3.117E-11
7152	40.66	4.066E+01	3.091E-11
7194	41.13	4.113E+01	3.445E-11
7233	41.03	4.103E+01	3.363E-11
7273	40.77	4.077E+01	3.165E-11
7312	41.13	4.113E+01	3.441E-11
7353	41.17	4.117E+01	3.471E-11
7378	41.58	4.158E+01	3.813E-11
7416	41.41	4.141E+01	3.671E-11
7459	41.34	4.134E+01	3.611E-11
7499	41.17	4.117E+01	3.476E-11
7540	40.86	4.086E+01	3.232E-11
7567	41.51	4.151E+01	3.756E-11
7610	41.17	4.117E+01	3.471E-11
7656	41.50	4.150E+01	3.751E-11
7697	41.63	4.163E+01	3.859E-11
7738	41.85	4.185E+01	4.060E-11

7779	42.07	4.207E+01	4.274E-11
7819	42.04	4.204E+01	4.242E-11
7860	42.44	4.244E+01	4.653E-11
7902	41.94	4.194E+01	4.144E-11
7938	42.30	4.230E+01	4.508E-11
7966	42.80	4.280E+01	5.053E-11
8003	42.30	4.230E+01	4.508E-11
8049	42.24	4.224E+01	4.440E-11
8098	42.07	4.207E+01	4.271E-11
8139	42.55	4.255E+01	4.772E-11
8139	43.21	4.321E+01	5.557E-11
8178	41.87	4.187E+01	4.077E-11
8221	42.31	4.231E+01	4.520E-11
8261	41.72	4.172E+01	3.946E-11
8300	41.59	4.159E+01	3.828E-11
8336	42.34	4.234E+01	4.551E-11
8370	41.93	4.193E+01	4.138E-11
8411	42.61	4.261E+01	4.841E-11
8425	43.01	4.301E+01	5.299E-11
8465	42.99	4.299E+01	5.282E-11
8487	43.34	4.334E+01	5.728E-11
8525	43.37	4.337E+01	5.758E-11
8568	43.49	4.349E+01	5.920E-11
8604	43.62	4.362E+01	6.111E-11
8631	45.22	4.522E+01	8.827E-11
8639	46.46	4.646E+01	1.175E-10
8651	44.79	4.479E+01	7.987E-11
8670	43.93	4.393E+01	6.552E-11
8711	44.30	4.430E+01	7.143E-11
8749	43.41	4.341E+01	5.819E-11
8792	43.56	4.356E+01	6.015E-11
8833	43.68	4.368E+01	6.189E-11
8874	43.29	4.329E+01	5.663E-11
8915	43.29	4.329E+01	5.663E-11
8956	42.99	4.299E+01	5.282E-11
8994	42.67	4.267E+01	4.901E-11
9034	42.60	4.260E+01	4.827E-11
9078	42.50	4.250E+01	4.712E-11
9126	42.25	4.225E+01	4.451E-11
9160	42.88	4.288E+01	5.150E-11
9194	43.47	4.347E+01	5.902E-11
9235	43.28	4.328E+01	5.646E-11
9272	43.82	4.382E+01	6.397E-11
9316	44.35	4.435E+01	7.229E-11
9364	44.05	4.405E+01	6.742E-11
9412	44.49	4.449E+01	7.462E-11
9459	44.38	4.438E+01	7.275E-11
9500	44.56	4.456E+01	7.581E-11
9541	43.89	4.389E+01	6.490E-11

9580	44.00	4.400E+01	6.670E-11
9623	43.50	4.350E+01	5.939E-11
9663	43.54	4.354E+01	5.996E-11
9709	44.21	4.421E+01	7.000E-11
9752	43.69	4.369E+01	6.209E-11
9793	43.57	4.357E+01	6.034E-11
9833	44.11	4.411E+01	6.828E-11
9871	43.36	4.336E+01	5.750E-11
9915	43.90	4.390E+01	6.511E-11
9963	43.25	4.325E+01	5.610E-11
10010	43.71	4.371E+01	6.228E-11
10051	44.29	4.429E+01	7.115E-11
10094	44.73	4.473E+01	7.885E-11
10133	44.79	4.479E+01	8.001E-11
10174	45.25	4.525E+01	8.883E-11
10208	45.30	4.530E+01	8.982E-11
10249	46.17	4.617E+01	1.098E-10
10279	44.70	4.470E+01	7.825E-11
10289	45.39	4.539E+01	9.169E-11
10329	45.72	4.572E+01	9.894E-11
10347	45.28	4.528E+01	8.940E-11
10377	46.30	4.630E+01	1.132E-10
10412	45.98	4.598E+01	1.051E-10
10453	45.88	4.588E+01	1.028E-10
10500	45.04	4.504E+01	8.471E-11
10541	44.97	4.497E+01	8.337E-11
10582	45.10	4.510E+01	8.579E-11
10623	44.66	4.466E+01	7.751E-11
10647	44.62	4.462E+01	7.678E-11
10684	44.02	4.402E+01	6.689E-11
10692	43.49	4.349E+01	5.920E-11
10738	43.73	4.373E+01	6.268E-11
10786	43.35	4.335E+01	5.736E-11
10827	43.93	4.393E+01	6.552E-11
10854	45.17	4.517E+01	8.716E-11
10895	44.75	4.475E+01	7.925E-11
10936	44.85	4.485E+01	8.103E-11
10979	45.11	4.511E+01	8.606E-11
11014	46.93	4.693E+01	1.308E-10
11017	46.02	4.602E+01	1.061E-10
11058	45.65	4.565E+01	9.738E-11
11097	46.25	4.625E+01	1.119E-10
11137	45.74	4.574E+01	9.944E-11
11181	46.23	4.623E+01	1.113E-10
11222	46.09	4.609E+01	1.078E-10
11262	46.57	4.657E+01	1.203E-10
11303	45.92	4.592E+01	1.038E-10
11344	45.44	4.544E+01	9.286E-11
11386	46.22	4.622E+01	1.110E-10

Calculate device radiated power from EMC test data

11392	48.07	4.807E+01	1.702E-10
11406	45.82	4.582E+01	1.014E-10
11433	44.89	4.489E+01	8.180E-11
11473	45.00	4.500E+01	8.390E-11
11514	45.08	4.508E+01	8.552E-11
11555	44.82	4.482E+01	8.052E-11
11597	45.17	4.517E+01	8.724E-11
11635	45.92	4.592E+01	1.037E-10
11677	45.39	4.539E+01	9.169E-11
11720	45.67	4.567E+01	9.794E-11
11768	46.43	4.643E+01	1.167E-10
11807	46.27	4.627E+01	1.123E-10
11847	46.66	4.666E+01	1.230E-10
11886	47.26	4.726E+01	1.411E-10
11926	47.13	4.713E+01	1.369E-10
11967	47.55	4.755E+01	1.508E-10
11977	48.17	4.817E+01	1.739E-10
12001	46.93	4.693E+01	1.308E-10