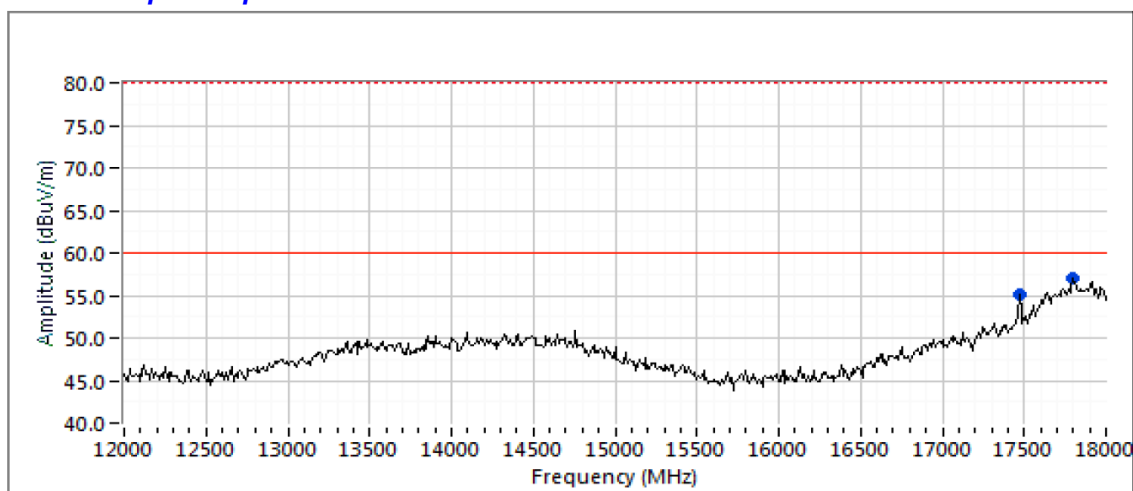


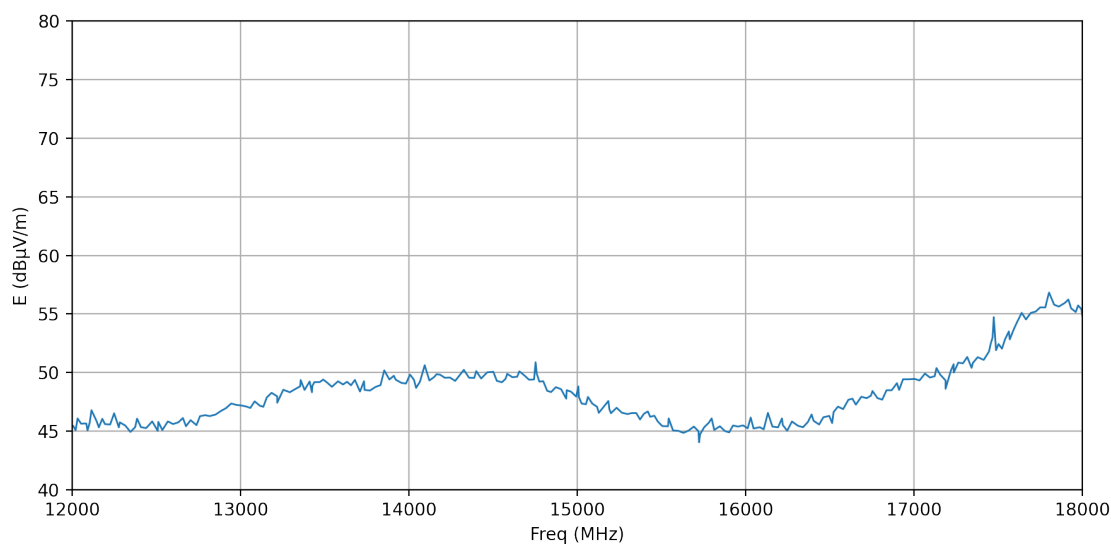
Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 14 June 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 4, Figure 52a, Class A device)  
Frequency span: 12,000 MHz to 18,000 MHz  
RBW: 1.0 MHz, distance: 3 m  
Peak-to-average correction: N/A  
No. of sample points: 6,000  
Cumulative S level:  $1.363\text{E-}06 \text{ W/m}^2$   
Device radiated power: 0.0940 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)
12007	45.44	4.544E+01	9.280E-11
12021	45.08	4.508E+01	8.542E-11
12033	46.08	4.608E+01	1.077E-10
12054	45.64	4.564E+01	9.714E-11
12085	45.65	4.565E+01	9.751E-11
12092	45.06	4.506E+01	8.502E-11
12105	45.74	4.574E+01	9.938E-11
12115	46.78	4.678E+01	1.264E-10
12146	45.84	4.584E+01	1.017E-10
12159	45.32	4.532E+01	9.036E-11
12180	46.05	4.605E+01	1.068E-10
12195	45.60	4.560E+01	9.631E-11
12226	45.56	4.556E+01	9.549E-11
12250	46.52	4.652E+01	1.191E-10
12278	45.32	4.532E+01	9.036E-11
12284	45.75	4.575E+01	9.961E-11
12317	45.47	4.547E+01	9.351E-11
12347	44.93	4.493E+01	8.259E-11
12375	45.34	4.534E+01	9.070E-11
12386	46.06	4.606E+01	1.072E-10
12409	45.34	4.534E+01	9.070E-11
12440	45.26	4.526E+01	8.899E-11
12476	45.83	4.583E+01	1.015E-10
12509	45.02	4.502E+01	8.428E-11
12512	45.79	4.579E+01	1.005E-10
12536	45.09	4.509E+01	8.567E-11
12569	45.83	4.583E+01	1.015E-10
12600	45.60	4.560E+01	9.640E-11
12631	45.74	4.574E+01	9.957E-11
12659	46.12	4.612E+01	1.085E-10
12677	45.42	4.542E+01	9.240E-11
12704	45.93	4.593E+01	1.040E-10
12739	45.51	4.551E+01	9.440E-11
12760	46.27	4.627E+01	1.125E-10
12790	46.36	4.636E+01	1.148E-10
12818	46.28	4.628E+01	1.127E-10
12853	46.41	4.641E+01	1.162E-10
12884	46.71	4.671E+01	1.244E-10
12915	46.96	4.696E+01	1.317E-10
12946	47.36	4.736E+01	1.443E-10
12977	47.23	4.723E+01	1.403E-10
13007	47.18	4.718E+01	1.387E-10
13036	47.10	4.710E+01	1.359E-10
13059	46.98	4.698E+01	1.322E-10
13085	47.54	4.754E+01	1.505E-10
13116	47.17	4.717E+01	1.381E-10

13136	47.08	4.708E+01	1.353E-10
13157	47.88	4.788E+01	1.627E-10
13185	48.27	4.827E+01	1.780E-10
13219	47.97	4.797E+01	1.662E-10
13219	47.42	4.742E+01	1.465E-10
13255	48.53	4.853E+01	1.891E-10
13294	48.32	4.832E+01	1.800E-10
13322	48.56	4.856E+01	1.902E-10
13355	48.83	4.883E+01	2.025E-10
13358	49.36	4.936E+01	2.288E-10
13381	48.51	4.851E+01	1.884E-10
13411	49.24	4.924E+01	2.225E-10
13425	48.32	4.832E+01	1.800E-10
13428	48.86	4.886E+01	2.041E-10
13439	49.18	4.918E+01	2.195E-10
13471	49.18	4.918E+01	2.198E-10
13492	49.40	4.940E+01	2.310E-10
13515	49.14	4.914E+01	2.177E-10
13544	48.78	4.878E+01	2.003E-10
13580	49.25	4.925E+01	2.232E-10
13609	48.98	4.898E+01	2.098E-10
13634	49.21	4.921E+01	2.211E-10
13657	48.91	4.891E+01	2.064E-10
13680	49.37	4.937E+01	2.293E-10
13710	48.38	4.838E+01	1.827E-10
13734	49.26	4.926E+01	2.236E-10
13738	48.51	4.851E+01	1.884E-10
13770	48.46	4.846E+01	1.863E-10
13801	48.76	4.876E+01	1.995E-10
13832	48.92	4.892E+01	2.070E-10
13855	50.18	5.018E+01	2.768E-10
13885	49.41	4.941E+01	2.314E-10
13911	49.72	4.972E+01	2.488E-10
13923	49.39	4.939E+01	2.305E-10
13956	49.12	4.912E+01	2.165E-10
13984	49.06	4.906E+01	2.136E-10
14008	49.82	4.982E+01	2.545E-10
14031	49.39	4.939E+01	2.305E-10
14044	48.69	4.869E+01	1.961E-10
14067	49.23	4.923E+01	2.219E-10
14095	50.62	5.062E+01	3.060E-10
14123	49.32	4.932E+01	2.267E-10
14152	49.63	4.963E+01	2.438E-10
14165	49.85	4.985E+01	2.565E-10
14185	49.82	4.982E+01	2.545E-10
14214	49.56	4.956E+01	2.395E-10
14245	49.57	4.957E+01	2.404E-10
14276	49.28	4.928E+01	2.249E-10
14304	49.80	4.980E+01	2.536E-10

## Calculate device radiated power from EMC test data

14327	50.23	5.023E+01	2.794E-10
14358	49.56	4.956E+01	2.395E-10
14389	49.54	4.954E+01	2.386E-10
14401	50.12	5.012E+01	2.728E-10
14430	49.49	4.949E+01	2.359E-10
14466	50.02	5.002E+01	2.664E-10
14503	50.06	5.006E+01	2.690E-10
14523	49.29	4.929E+01	2.253E-10
14554	49.17	4.917E+01	2.191E-10
14575	49.46	4.946E+01	2.341E-10
14585	49.89	4.989E+01	2.584E-10
14616	49.60	4.960E+01	2.418E-10
14644	49.64	4.964E+01	2.443E-10
14657	50.10	5.010E+01	2.716E-10
14688	49.74	4.974E+01	2.499E-10
14714	49.39	4.939E+01	2.304E-10
14744	49.41	4.941E+01	2.314E-10
14753	50.87	5.087E+01	3.243E-10
14760	49.90	4.990E+01	2.594E-10
14776	49.23	4.923E+01	2.219E-10
14799	49.26	4.926E+01	2.236E-10
14822	48.44	4.844E+01	1.852E-10
14845	48.33	4.833E+01	1.807E-10
14874	48.75	4.875E+01	1.989E-10
14905	48.58	4.858E+01	1.913E-10
14936	47.77	4.777E+01	1.587E-10
14938	48.49	4.849E+01	1.873E-10
14964	48.37	4.837E+01	1.821E-10
14994	47.95	4.795E+01	1.654E-10
15008	48.81	4.881E+01	2.018E-10
15010	47.92	4.792E+01	1.643E-10
15027	47.35	4.735E+01	1.442E-10
15053	47.29	4.729E+01	1.423E-10
15064	47.92	4.792E+01	1.643E-10
15090	47.35	4.735E+01	1.441E-10
15119	47.08	4.708E+01	1.353E-10
15129	46.56	4.656E+01	1.201E-10
15162	47.16	4.716E+01	1.379E-10
15186	47.57	4.757E+01	1.517E-10
15192	46.85	4.685E+01	1.285E-10
15201	46.53	4.653E+01	1.193E-10
15235	46.99	4.699E+01	1.327E-10
15266	46.57	4.657E+01	1.204E-10
15299	46.46	4.646E+01	1.173E-10
15326	46.54	4.654E+01	1.196E-10
15352	46.54	4.654E+01	1.196E-10
15374	45.99	4.599E+01	1.054E-10
15397	46.48	4.648E+01	1.180E-10
15420	46.68	4.668E+01	1.235E-10

## Calculate device radiated power from EMC test data

15434	46.22	4.622E+01	1.112E-10
15459	46.32	4.632E+01	1.135E-10
15479	45.82	4.582E+01	1.012E-10
15506	45.43	4.543E+01	9.259E-11
15540	45.41	4.541E+01	9.227E-11
15544	46.08	4.608E+01	1.077E-10
15570	45.06	4.506E+01	8.502E-11
15601	45.03	4.503E+01	8.437E-11
15632	44.85	4.485E+01	8.107E-11
15663	45.05	4.505E+01	8.486E-11
15693	45.39	4.539E+01	9.175E-11
15721	44.99	4.499E+01	8.373E-11
15724	44.05	4.405E+01	6.740E-11
15730	44.73	4.473E+01	7.878E-11
15755	45.34	4.534E+01	9.070E-11
15782	45.71	4.571E+01	9.870E-11
15799	46.08	4.608E+01	1.077E-10
15815	45.10	4.510E+01	8.591E-11
15848	45.41	4.541E+01	9.227E-11
15878	45.01	4.501E+01	8.412E-11
15903	44.89	4.489E+01	8.184E-11
15926	45.48	4.548E+01	9.365E-11
15956	45.39	4.539E+01	9.175E-11
15986	45.49	4.549E+01	9.387E-11
16013	45.24	4.524E+01	8.865E-11
16031	46.16	4.616E+01	1.095E-10
16048	45.23	4.523E+01	8.837E-11
16085	45.33	4.533E+01	9.053E-11
16108	45.16	4.516E+01	8.698E-11
16133	46.55	4.655E+01	1.200E-10
16160	45.39	4.539E+01	9.175E-11
16194	45.32	4.532E+01	9.036E-11
16217	46.08	4.608E+01	1.077E-10
16222	45.52	4.552E+01	9.458E-11
16248	45.03	4.503E+01	8.450E-11
16276	45.82	4.582E+01	1.013E-10
16312	45.46	4.546E+01	9.315E-11
16342	45.33	4.533E+01	9.057E-11
16371	45.77	4.577E+01	1.001E-10
16393	46.42	4.642E+01	1.163E-10
16404	45.89	4.589E+01	1.028E-10
16438	45.56	4.556E+01	9.549E-11
16463	46.18	4.618E+01	1.101E-10
16498	46.30	4.630E+01	1.131E-10
16515	45.69	4.569E+01	9.825E-11
16523	46.63	4.663E+01	1.221E-10
16549	47.09	4.709E+01	1.358E-10
16580	46.88	4.688E+01	1.292E-10
16611	47.67	4.767E+01	1.552E-10

## Calculate device radiated power from EMC test data

16635	47.77	4.777E+01	1.587E-10
16656	47.26	4.726E+01	1.411E-10
16688	47.94	4.794E+01	1.649E-10
16719	47.81	4.781E+01	1.603E-10
16745	48.02	4.802E+01	1.681E-10
16755	48.42	4.842E+01	1.845E-10
16784	47.82	4.782E+01	1.606E-10
16812	47.68	4.768E+01	1.556E-10
16838	48.49	4.849E+01	1.873E-10
16869	48.49	4.849E+01	1.872E-10
16900	49.09	4.909E+01	2.153E-10
16913	48.51	4.851E+01	1.884E-10
16936	49.42	4.942E+01	2.323E-10
16972	49.42	4.942E+01	2.323E-10
17004	49.46	4.946E+01	2.341E-10
17034	49.32	4.932E+01	2.271E-10
17066	49.91	4.991E+01	2.598E-10
17096	49.57	4.957E+01	2.404E-10
17124	49.69	4.969E+01	2.468E-10
17134	50.38	5.038E+01	2.897E-10
17156	49.83	4.983E+01	2.550E-10
17189	49.32	4.932E+01	2.271E-10
17189	48.61	4.861E+01	1.928E-10
17220	50.16	5.016E+01	2.753E-10
17237	50.71	5.071E+01	3.122E-10
17238	50.00	5.000E+01	2.654E-10
17264	50.85	5.085E+01	3.223E-10
17292	50.78	5.078E+01	3.177E-10
17317	51.33	5.133E+01	3.599E-10
17343	50.40	5.040E+01	2.908E-10
17351	50.82	5.082E+01	3.205E-10
17379	51.31	5.131E+01	3.586E-10
17415	51.08	5.108E+01	3.399E-10
17446	51.79	5.179E+01	4.004E-10
17456	52.43	5.243E+01	4.645E-10
17468	53.00	5.300E+01	5.287E-10
17471	53.81	5.381E+01	6.372E-10
17475	54.72	5.472E+01	7.871E-10
17488	51.90	5.190E+01	4.112E-10
17503	52.43	5.243E+01	4.645E-10
17524	52.04	5.204E+01	4.240E-10
17542	52.83	5.283E+01	5.090E-10
17564	53.50	5.350E+01	5.945E-10
17570	52.83	5.283E+01	5.090E-10
17593	53.67	5.367E+01	6.181E-10
17614	54.32	5.432E+01	7.170E-10
17641	55.09	5.509E+01	8.568E-10
17666	54.53	5.453E+01	7.530E-10
17695	55.09	5.509E+01	8.568E-10

## Calculate device radiated power from EMC test data

17724	55.20	5.520E+01	8.792E-10
17751	55.56	5.556E+01	9.540E-10
17781	55.55	5.555E+01	9.524E-10
17796	56.46	5.646E+01	1.174E-09
17803	56.82	5.682E+01	1.277E-09
17834	55.79	5.579E+01	1.005E-09
17861	55.63	5.563E+01	9.693E-10
17897	55.93	5.593E+01	1.040E-09
17918	56.23	5.623E+01	1.113E-09
17934	55.48	5.548E+01	9.360E-10
17962	55.16	5.516E+01	8.707E-10
17976	55.73	5.573E+01	9.917E-10
17995	55.41	5.541E+01	9.218E-10
18003	54.64	5.464E+01	7.723E-10