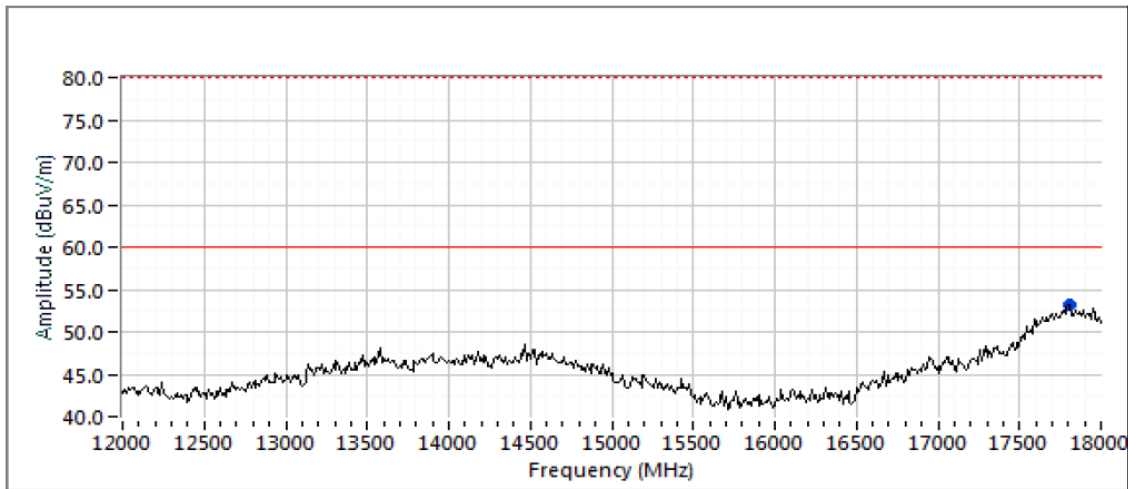


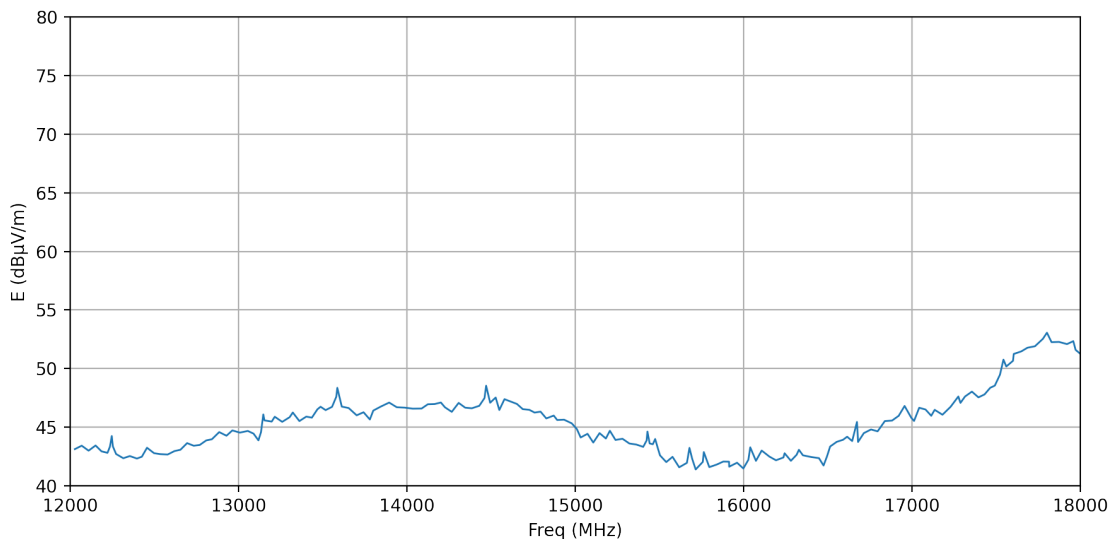
Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 09 June 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 2, Figure 36a, Class A device)  
Frequency span: 12,000 MHz to 18,000 MHz  
RBW: 1.0 MHz, distance: 3 m  
Peak-to-average correction: -0.00 dB  
No. of sample points: 6,000  
Cumulative S level:  $6.707\text{E-}07 \text{ W/m}^2$   
Device radiated power: 0.0463 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)
12029	43.12	4.312E+01	5.442E-11
12069	43.42	4.342E+01	5.825E-11
12110	42.99	4.299E+01	5.280E-11
12152	43.43	4.343E+01	5.848E-11
12187	42.94	4.294E+01	5.214E-11
12222	42.80	4.280E+01	5.059E-11
12237	43.34	4.334E+01	5.726E-11
12248	44.24	4.424E+01	7.042E-11
12254	43.35	4.335E+01	5.743E-11
12274	42.71	4.271E+01	4.946E-11
12316	42.35	4.235E+01	4.552E-11
12355	42.53	4.253E+01	4.751E-11
12397	42.32	4.232E+01	4.522E-11
12427	42.48	4.248E+01	4.691E-11
12457	43.24	4.324E+01	5.595E-11
12499	42.78	4.278E+01	5.029E-11
12536	42.69	4.269E+01	4.933E-11
12580	42.66	4.266E+01	4.896E-11
12621	42.96	4.296E+01	5.241E-11
12656	43.07	4.307E+01	5.374E-11
12695	43.63	4.363E+01	6.126E-11
12735	43.41	4.341E+01	5.818E-11
12770	43.48	4.348E+01	5.906E-11
12809	43.86	4.386E+01	6.458E-11
12843	43.97	4.397E+01	6.611E-11
12886	44.58	4.458E+01	7.606E-11
12929	44.27	4.427E+01	7.083E-11
12964	44.72	4.472E+01	7.863E-11
13008	44.53	4.453E+01	7.530E-11
13056	44.67	4.467E+01	7.780E-11
13090	44.44	4.444E+01	7.380E-11
13119	43.87	4.387E+01	6.466E-11
13134	44.58	4.458E+01	7.606E-11
13148	46.08	4.608E+01	1.076E-10
13155	45.58	4.558E+01	9.576E-11
13198	45.47	4.547E+01	9.350E-11
13216	45.89	4.589E+01	1.029E-10
13260	45.45	4.545E+01	9.303E-11
13305	45.85	4.585E+01	1.020E-10
13323	46.25	4.625E+01	1.118E-10
13362	45.52	4.552E+01	9.444E-11
13403	45.90	4.590E+01	1.031E-10
13437	45.81	4.581E+01	1.010E-10
13469	46.52	4.652E+01	1.189E-10
13488	46.74	4.674E+01	1.252E-10
13518	46.45	4.645E+01	1.171E-10

## Calculate device radiated power from EMC test data

13556	46.73	4.673E+01	1.249E-10
13581	47.59	4.759E+01	1.524E-10
13588	48.35	4.835E+01	1.816E-10
13614	46.75	4.675E+01	1.255E-10
13655	46.63	4.663E+01	1.221E-10
13703	46.01	4.601E+01	1.058E-10
13743	46.27	4.627E+01	1.124E-10
13781	45.65	4.565E+01	9.744E-11
13801	46.41	4.641E+01	1.161E-10
13846	46.75	4.675E+01	1.255E-10
13896	47.10	4.710E+01	1.359E-10
13941	46.70	4.670E+01	1.239E-10
13988	46.66	4.666E+01	1.230E-10
14036	46.58	4.658E+01	1.206E-10
14088	46.59	4.659E+01	1.209E-10
14125	46.95	4.695E+01	1.314E-10
14165	46.97	4.697E+01	1.320E-10
14203	47.10	4.710E+01	1.360E-10
14227	46.70	4.670E+01	1.239E-10
14267	46.30	4.630E+01	1.132E-10
14308	47.07	4.707E+01	1.350E-10
14347	46.66	4.666E+01	1.229E-10
14387	46.61	4.661E+01	1.215E-10
14431	46.82	4.682E+01	1.274E-10
14462	47.48	4.748E+01	1.485E-10
14472	48.53	4.853E+01	1.892E-10
14495	47.08	4.708E+01	1.354E-10
14528	47.53	4.753E+01	1.501E-10
14550	46.46	4.646E+01	1.174E-10
14580	47.38	4.738E+01	1.452E-10
14623	47.15	4.715E+01	1.375E-10
14654	46.98	4.698E+01	1.323E-10
14689	46.53	4.653E+01	1.193E-10
14728	46.48	4.648E+01	1.179E-10
14759	46.24	4.624E+01	1.116E-10
14795	46.32	4.632E+01	1.137E-10
14829	45.74	4.574E+01	9.952E-11
14873	45.99	4.599E+01	1.052E-10
14894	45.61	4.561E+01	9.648E-11
14934	45.64	4.564E+01	9.709E-11
14980	45.32	4.532E+01	9.035E-11
15010	44.84	4.484E+01	8.080E-11
15033	44.12	4.412E+01	6.843E-11
15074	44.43	4.443E+01	7.357E-11
15108	43.68	4.368E+01	6.194E-11
15145	44.49	4.449E+01	7.454E-11
15183	44.03	4.403E+01	6.707E-11
15207	44.69	4.469E+01	7.810E-11
15240	43.91	4.391E+01	6.520E-11

15281	44.01	4.401E+01	6.673E-11
15322	43.60	4.360E+01	6.080E-11
15363	43.51	4.351E+01	5.958E-11
15405	43.32	4.332E+01	5.692E-11
15425	43.85	4.385E+01	6.442E-11
15430	44.62	4.462E+01	7.686E-11
15443	43.61	4.361E+01	6.087E-11
15462	43.54	4.354E+01	5.991E-11
15476	43.99	4.399E+01	6.643E-11
15492	43.16	4.316E+01	5.497E-11
15504	42.59	4.259E+01	4.817E-11
15541	42.02	4.202E+01	4.221E-11
15579	42.46	4.246E+01	4.677E-11
15618	41.57	4.157E+01	3.809E-11
15664	41.95	4.195E+01	4.157E-11
15679	43.23	4.323E+01	5.578E-11
15695	42.30	4.230E+01	4.506E-11
15716	41.39	4.139E+01	3.651E-11
15758	42.03	4.203E+01	4.233E-11
15765	42.87	4.287E+01	5.136E-11
15797	41.59	4.159E+01	3.822E-11
15841	41.81	4.181E+01	4.022E-11
15880	42.06	4.206E+01	4.263E-11
15914	42.05	4.205E+01	4.253E-11
15915	41.62	4.162E+01	3.855E-11
15962	41.96	4.196E+01	4.168E-11
15999	41.47	4.147E+01	3.722E-11
16029	42.21	4.221E+01	4.416E-11
16040	43.28	4.328E+01	5.639E-11
16074	42.12	4.212E+01	4.324E-11
16108	43.00	4.300E+01	5.294E-11
16154	42.48	4.248E+01	4.700E-11
16193	42.17	4.217E+01	4.372E-11
16238	42.41	4.241E+01	4.621E-11
16244	42.77	4.277E+01	5.021E-11
16282	42.13	4.213E+01	4.328E-11
16316	42.64	4.264E+01	4.872E-11
16329	43.07	4.307E+01	5.374E-11
16353	42.59	4.259E+01	4.821E-11
16404	42.44	4.244E+01	4.656E-11
16448	42.35	4.235E+01	4.560E-11
16476	41.72	4.172E+01	3.943E-11
16496	42.50	4.250E+01	4.715E-11
16515	43.35	4.335E+01	5.730E-11
16554	43.74	4.374E+01	6.282E-11
16591	43.92	4.392E+01	6.540E-11
16616	44.18	4.418E+01	6.947E-11
16646	43.81	4.381E+01	6.377E-11
16674	45.44	4.544E+01	9.289E-11

## Calculate device radiated power from EMC test data

16678	44.48	4.448E+01	7.436E-11
16681	43.73	4.373E+01	6.267E-11
16715	44.49	4.449E+01	7.454E-11
16758	44.80	4.480E+01	8.010E-11
16797	44.64	4.464E+01	7.722E-11
16840	45.52	4.552E+01	9.444E-11
16883	45.56	4.556E+01	9.540E-11
16922	45.97	4.597E+01	1.048E-10
16957	46.80	4.680E+01	1.271E-10
16996	45.81	4.581E+01	1.011E-10
17013	45.53	4.553E+01	9.468E-11
17044	46.65	4.665E+01	1.227E-10
17081	46.50	4.650E+01	1.186E-10
17115	45.97	4.597E+01	1.048E-10
17136	46.48	4.648E+01	1.179E-10
17182	46.06	4.606E+01	1.070E-10
17230	46.73	4.673E+01	1.249E-10
17276	47.61	4.761E+01	1.531E-10
17289	47.07	4.707E+01	1.350E-10
17316	47.61	4.761E+01	1.531E-10
17357	48.03	4.803E+01	1.685E-10
17396	47.54	4.754E+01	1.505E-10
17432	47.79	4.779E+01	1.594E-10
17466	48.36	4.836E+01	1.817E-10
17493	48.54	4.854E+01	1.896E-10
17524	49.48	4.948E+01	2.354E-10
17544	50.76	5.076E+01	3.159E-10
17561	50.17	5.017E+01	2.761E-10
17601	50.66	5.066E+01	3.089E-10
17605	51.24	5.124E+01	3.531E-10
17650	51.46	5.146E+01	3.714E-10
17687	51.78	5.178E+01	3.993E-10
17731	51.90	5.190E+01	4.107E-10
17778	52.53	5.253E+01	4.749E-10
17803	53.06	5.306E+01	5.363E-10
17830	52.25	5.225E+01	4.451E-10
17874	52.27	5.227E+01	4.474E-10
17922	52.08	5.208E+01	4.287E-10
17959	52.34	5.234E+01	4.542E-10
17973	51.59	5.159E+01	3.828E-10
18000	51.26	5.126E+01	3.549E-10