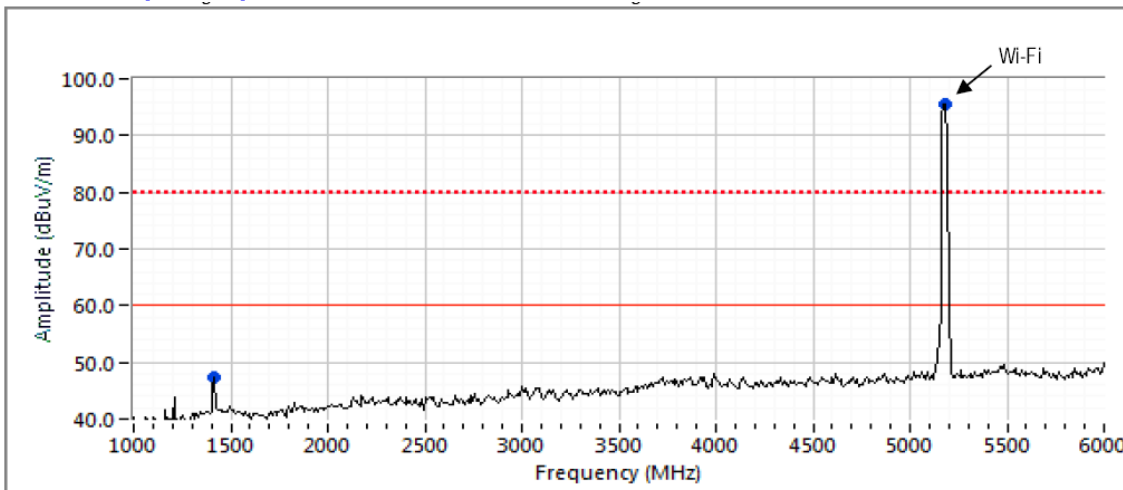


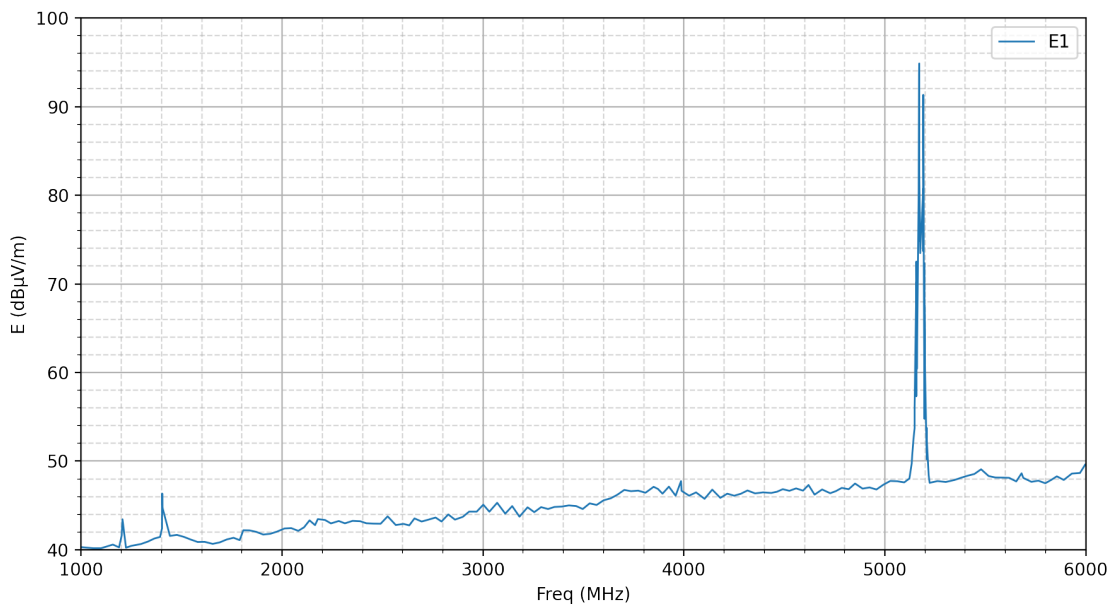
Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 27 May 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 2, Figure 35aWiFi, Class A device)  
Frequency span: 1,000 MHz to 6,000 MHz  
RBW: 1.0 MHz, distance: 3.0 m  
No. of sample points: 5,000  
Cumulative S level:  $2.069 \times 10^{-5} \text{ W/m}^2$   
Device radiated power: 1.4269 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)
993	40.30	1.035E-04	2.844E-11
1059	40.17	1.020E-04	2.760E-11
1099	40.17	1.020E-04	2.760E-11
1158	40.58	1.069E-04	3.032E-11
1188	40.27	1.032E-04	2.823E-11
1202	41.64	1.208E-04	3.870E-11
1206	43.44	1.485E-04	5.851E-11
1223	40.23	1.027E-04	2.796E-11
1249	40.43	1.051E-04	2.931E-11
1298	40.65	1.077E-04	3.077E-11
1332	40.92	1.112E-04	3.280E-11
1364	41.26	1.156E-04	3.547E-11
1393	41.44	1.181E-04	3.700E-11
1402	42.42	1.322E-04	4.635E-11
1402	43.47	1.491E-04	5.895E-11
1403	46.34	2.075E-04	1.142E-10
1404	44.79	1.735E-04	7.987E-11
1442	41.56	1.197E-04	3.798E-11
1476	41.67	1.212E-04	3.899E-11
1510	41.46	1.183E-04	3.711E-11
1546	41.14	1.141E-04	3.452E-11
1580	40.87	1.106E-04	3.244E-11
1614	40.89	1.108E-04	3.256E-11
1655	40.66	1.079E-04	3.089E-11
1689	40.82	1.100E-04	3.207E-11
1725	41.16	1.143E-04	3.468E-11
1758	41.35	1.168E-04	3.617E-11
1789	41.09	1.133E-04	3.406E-11
1807	42.20	1.288E-04	4.398E-11
1837	42.18	1.286E-04	4.384E-11
1870	42.03	1.263E-04	4.229E-11
1906	41.71	1.218E-04	3.935E-11
1942	41.80	1.231E-04	4.018E-11
1977	42.07	1.268E-04	4.267E-11
2012	42.40	1.318E-04	4.607E-11
2045	42.44	1.324E-04	4.649E-11
2080	42.13	1.278E-04	4.332E-11
2109	42.53	1.338E-04	4.750E-11
2137	43.31	1.464E-04	5.689E-11
2164	42.77	1.376E-04	5.025E-11
2178	43.46	1.489E-04	5.878E-11
2213	43.36	1.472E-04	5.747E-11
2243	42.97	1.408E-04	5.257E-11
2282	43.24	1.452E-04	5.593E-11
2313	42.98	1.409E-04	5.267E-11
2351	43.26	1.455E-04	5.614E-11

## Calculate device radiated power from EMC test data

2389	43.21	1.447E-04	5.557E-11
2419	42.99	1.410E-04	5.275E-11
2455	42.95	1.404E-04	5.227E-11
2490	42.93	1.402E-04	5.211E-11
2525	43.77	1.543E-04	6.317E-11
2566	42.79	1.379E-04	5.042E-11
2604	42.91	1.399E-04	5.188E-11
2633	42.75	1.373E-04	4.997E-11
2659	43.53	1.502E-04	5.985E-11
2695	43.18	1.442E-04	5.518E-11
2731	43.41	1.481E-04	5.818E-11
2764	43.63	1.519E-04	6.121E-11
2794	43.18	1.442E-04	5.518E-11
2827	43.98	1.582E-04	6.639E-11
2860	43.40	1.479E-04	5.799E-11
2899	43.71	1.533E-04	6.232E-11
2931	44.30	1.641E-04	7.144E-11
2969	44.30	1.640E-04	7.135E-11
3001	45.08	1.796E-04	8.552E-11
3032	44.29	1.639E-04	7.127E-11
3070	45.30	1.840E-04	8.980E-11
3111	44.07	1.598E-04	6.775E-11
3145	44.92	1.762E-04	8.236E-11
3181	43.73	1.536E-04	6.261E-11
3222	44.79	1.735E-04	7.987E-11
3255	44.24	1.629E-04	7.039E-11
3289	44.81	1.739E-04	8.023E-11
3324	44.59	1.697E-04	7.640E-11
3355	44.83	1.743E-04	8.059E-11
3393	44.87	1.752E-04	8.144E-11
3427	45.00	1.779E-04	8.393E-11
3463	44.93	1.764E-04	8.252E-11
3496	44.59	1.697E-04	7.640E-11
3531	45.23	1.826E-04	8.846E-11
3565	45.05	1.789E-04	8.488E-11
3600	45.57	1.900E-04	9.572E-11
3636	45.81	1.951E-04	1.010E-10
3669	46.21	2.044E-04	1.108E-10
3703	46.75	2.174E-04	1.254E-10
3736	46.61	2.140E-04	1.215E-10
3773	46.67	2.154E-04	1.231E-10
3809	46.43	2.097E-04	1.166E-10
3849	47.10	2.264E-04	1.360E-10
3870	46.86	2.204E-04	1.288E-10
3893	46.32	2.071E-04	1.138E-10
3925	47.12	2.269E-04	1.366E-10
3959	46.10	2.017E-04	1.080E-10
3986	47.74	2.439E-04	1.578E-10
3988	46.64	2.148E-04	1.224E-10

## Calculate device radiated power from EMC test data

4026	46.10	2.017E-04	1.080E-10
4060	46.47	2.106E-04	1.177E-10
4103	45.74	1.937E-04	9.955E-11
4141	46.78	2.183E-04	1.264E-10
4181	45.85	1.961E-04	1.020E-10
4216	46.32	2.071E-04	1.138E-10
4250	46.10	2.017E-04	1.080E-10
4283	46.31	2.069E-04	1.135E-10
4316	46.69	2.159E-04	1.237E-10
4354	46.36	2.079E-04	1.146E-10
4394	46.47	2.106E-04	1.177E-10
4434	46.41	2.091E-04	1.159E-10
4463	46.54	2.124E-04	1.197E-10
4492	46.83	2.195E-04	1.278E-10
4525	46.65	2.150E-04	1.226E-10
4558	46.92	2.219E-04	1.306E-10
4593	46.67	2.154E-04	1.231E-10
4620	47.30	2.318E-04	1.426E-10
4650	46.22	2.046E-04	1.110E-10
4688	46.80	2.187E-04	1.269E-10
4728	46.37	2.083E-04	1.151E-10
4757	46.62	2.142E-04	1.217E-10
4786	46.98	2.233E-04	1.322E-10
4820	46.83	2.195E-04	1.278E-10
4852	47.47	2.363E-04	1.481E-10
4889	46.90	2.212E-04	1.298E-10
4924	47.03	2.245E-04	1.337E-10
4958	46.80	2.187E-04	1.269E-10
4993	47.34	2.327E-04	1.436E-10
5027	47.76	2.444E-04	1.584E-10
5062	47.73	2.434E-04	1.572E-10
5096	47.60	2.398E-04	1.525E-10
5122	48.04	2.523E-04	1.688E-10
5134	49.73	3.067E-04	2.495E-10
5137	50.78	3.459E-04	3.174E-10
5142	52.44	4.190E-04	4.656E-10
5148	53.72	4.851E-04	6.242E-10
5148	54.89	5.554E-04	8.181E-10
5148	56.07	6.358E-04	1.072E-09
5157	70.17	3.223E-03	2.756E-08
5157	68.99	2.815E-03	2.103E-08
5157	67.82	2.459E-03	1.604E-08
5157	66.64	2.148E-03	1.224E-08
5157	65.47	1.876E-03	9.338E-09
5157	64.29	1.639E-03	7.125E-09
5157	71.34	3.690E-03	3.612E-08
5157	63.12	1.432E-03	5.436E-09
5157	59.59	9.540E-04	2.414E-09
5157	58.42	8.333E-04	1.842E-09

## Calculate device radiated power from EMC test data

5157	57.34	7.361E-04	1.437E-09
5157	61.94	1.250E-03	4.147E-09
5157	72.52	4.225E-03	4.734E-08
5160	60.42	1.050E-03	2.924E-09
5168	80.45	1.053E-02	2.940E-07
5170	92.55	4.244E-02	4.777E-06
5170	93.66	4.822E-02	6.168E-06
5171	94.86	5.536E-02	8.130E-06
5171	81.92	1.247E-02	4.123E-07
5171	74.87	5.537E-03	8.132E-08
5171	91.31	3.679E-02	3.590E-06
5171	90.14	3.214E-02	2.739E-06
5171	88.96	2.807E-02	2.090E-06
5171	86.62	2.142E-02	1.217E-06
5171	85.44	1.871E-02	9.282E-07
5171	84.27	1.634E-02	7.082E-07
5171	87.79	2.452E-02	1.595E-06
5171	79.57	9.512E-03	2.400E-07
5171	78.39	8.308E-03	1.831E-07
5171	77.22	7.257E-03	1.397E-07
5171	76.04	6.339E-03	1.066E-07
5171	83.09	1.427E-02	5.404E-07
5176	73.46	4.711E-03	5.887E-08
5191	80.74	1.089E-02	3.145E-07
5191	73.69	4.837E-03	6.205E-08
5191	74.87	5.537E-03	8.132E-08
5191	76.04	6.339E-03	1.066E-07
5191	77.22	7.257E-03	1.397E-07
5191	78.39	8.308E-03	1.831E-07
5191	79.57	9.512E-03	2.400E-07
5191	81.92	1.247E-02	4.123E-07
5191	87.79	2.452E-02	1.595E-06
5191	84.27	1.634E-02	7.082E-07
5191	91.31	3.679E-02	3.590E-06
5191	90.14	3.214E-02	2.739E-06
5191	88.96	2.807E-02	2.090E-06
5191	83.09	1.427E-02	5.404E-07
5191	86.62	2.142E-02	1.217E-06
5191	85.44	1.871E-02	9.282E-07
5197	55.87	6.216E-04	1.025E-09
5197	57.05	7.117E-04	1.343E-09
5197	58.22	8.148E-04	1.761E-09
5197	59.40	9.328E-04	2.308E-09
5197	61.75	1.223E-03	3.965E-09
5197	62.92	1.400E-03	5.196E-09
5197	64.10	1.602E-03	6.811E-09
5197	66.45	2.100E-03	1.170E-08
5197	54.79	5.491E-04	7.999E-10
5197	68.80	2.753E-03	2.010E-08

## Calculate device radiated power from EMC test data

5197	69.97	3.151E-03	2.634E-08
5197	71.14	3.608E-03	3.453E-08
5197	72.32	4.130E-03	4.525E-08
5197	65.27	1.834E-03	8.926E-09
5197	67.62	2.404E-03	1.533E-08
5200	60.33	1.038E-03	2.859E-09
5209	50.19	3.233E-04	2.772E-10
5209	51.37	3.701E-04	3.634E-10
5209	53.72	4.851E-04	6.242E-10
5209	52.54	4.237E-04	4.762E-10
5218	48.40	2.629E-04	1.834E-10
5223	47.55	2.385E-04	1.508E-10
5262	47.74	2.439E-04	1.578E-10
5304	47.65	2.412E-04	1.543E-10
5346	47.86	2.472E-04	1.621E-10
5379	48.12	2.546E-04	1.719E-10
5412	48.35	2.615E-04	1.815E-10
5446	48.55	2.675E-04	1.898E-10
5479	49.08	2.843E-04	2.144E-10
5517	48.32	2.605E-04	1.800E-10
5550	48.15	2.556E-04	1.732E-10
5587	48.14	2.551E-04	1.727E-10
5619	48.11	2.544E-04	1.717E-10
5654	47.70	2.428E-04	1.564E-10
5681	48.63	2.699E-04	1.933E-10
5689	48.10	2.542E-04	1.714E-10
5729	47.66	2.416E-04	1.548E-10
5764	47.79	2.453E-04	1.596E-10
5799	47.50	2.371E-04	1.491E-10
5827	47.87	2.474E-04	1.623E-10
5856	48.28	2.595E-04	1.786E-10
5891	47.87	2.476E-04	1.626E-10
5931	48.59	2.689E-04	1.918E-10
5971	48.66	2.710E-04	1.947E-10
5997	49.60	3.021E-04	2.422E-10