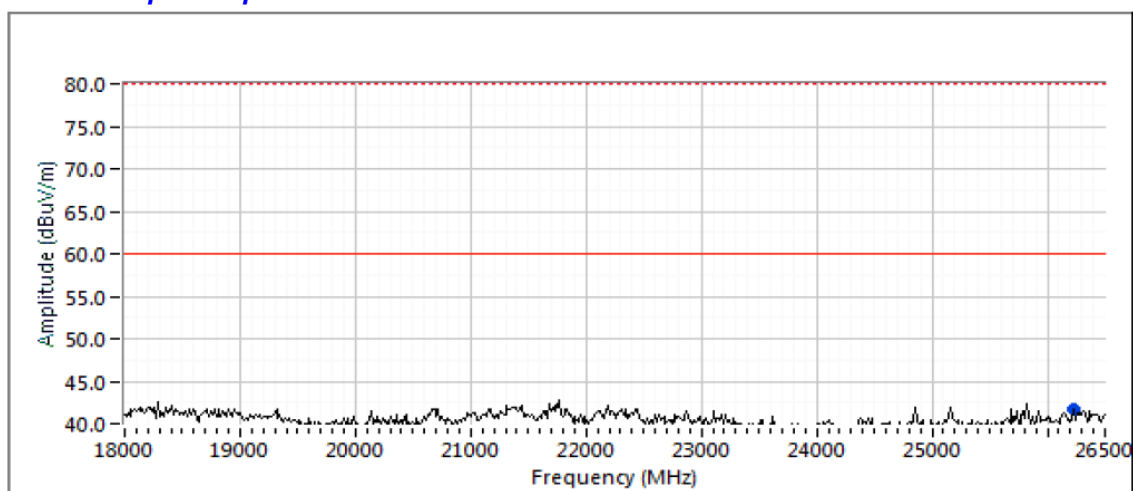


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 09 June 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 2, Figure 36b, Class A device)
Frequency span: 18,000 MHz to 26,500 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: -0.00 dB
No. of sample points: 8,500
Cumulative S level: $2.692 \times 10^{-7} \text{ W/m}^2$
Device radiated power: 0.0186 mW

EMC test spectral plot



Plot of extracted data from EMC test spectral plot

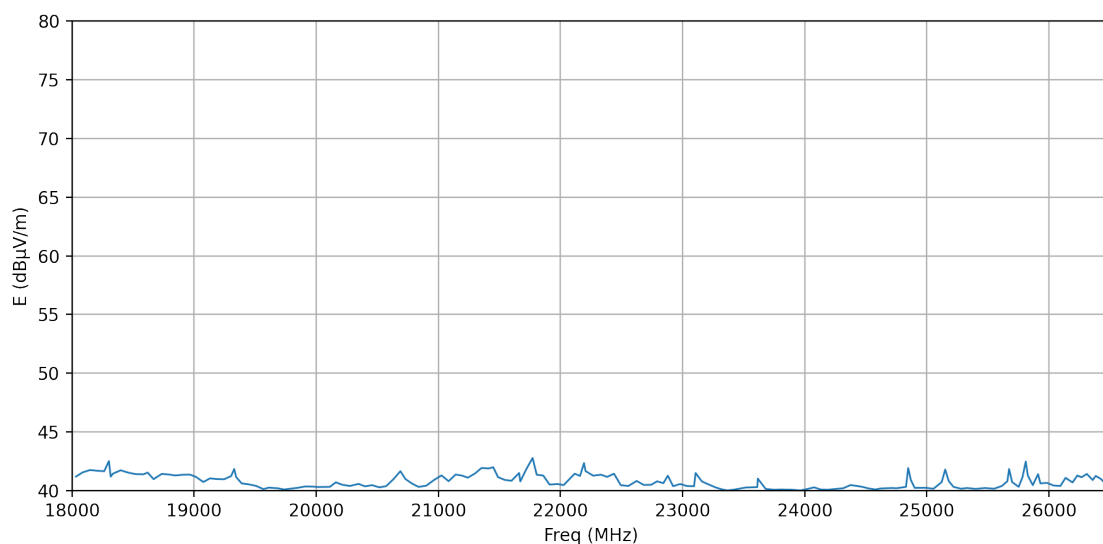


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
18032	41.19	4.119E+01	3.492E-11
18087	41.55	4.155E+01	3.791E-11
18148	41.75	4.175E+01	3.970E-11
18205	41.69	4.169E+01	3.914E-11
18263	41.65	4.165E+01	3.881E-11
18302	42.52	4.252E+01	4.735E-11
18316	41.19	4.119E+01	3.487E-11
18336	41.45	4.145E+01	3.700E-11
18398	41.73	4.173E+01	3.950E-11
18463	41.52	4.152E+01	3.764E-11
18523	41.40	4.140E+01	3.663E-11
18584	41.39	4.139E+01	3.652E-11
18620	41.53	4.153E+01	3.775E-11
18668	40.98	4.098E+01	3.320E-11
18735	41.42	4.142E+01	3.681E-11
18793	41.37	4.137E+01	3.635E-11
18847	41.29	4.129E+01	3.569E-11
18909	41.35	4.135E+01	3.619E-11
18965	41.36	4.136E+01	3.630E-11
19014	41.17	4.117E+01	3.474E-11
19075	40.73	4.073E+01	3.140E-11
19130	41.04	4.104E+01	3.371E-11
19186	40.98	4.098E+01	3.325E-11
19245	40.96	4.096E+01	3.312E-11
19303	41.24	4.124E+01	3.527E-11
19328	41.84	4.184E+01	4.054E-11
19344	41.16	4.116E+01	3.461E-11
19389	40.61	4.061E+01	3.056E-11
19444	40.54	4.054E+01	3.001E-11
19505	40.41	4.041E+01	2.913E-11
19568	40.12	4.012E+01	2.729E-11
19611	40.25	4.025E+01	2.812E-11
19683	40.20	4.020E+01	2.777E-11
19736	40.09	4.009E+01	2.708E-11
19794	40.17	4.017E+01	2.756E-11
19852	40.24	4.024E+01	2.805E-11
19909	40.35	4.035E+01	2.877E-11
19967	40.34	4.034E+01	2.869E-11
20015	40.30	4.030E+01	2.844E-11
20111	40.32	4.032E+01	2.855E-11
20160	40.71	4.071E+01	3.121E-11
20212	40.50	4.050E+01	2.974E-11
20275	40.40	4.040E+01	2.906E-11
20346	40.57	4.057E+01	3.023E-11
20400	40.36	4.036E+01	2.884E-11
20457	40.46	4.046E+01	2.952E-11

Calculate device radiated power from EMC test data

20517	40.27	4.027E+01	2.825E-11
20572	40.38	4.038E+01	2.894E-11
20631	40.96	4.096E+01	3.312E-11
20689	41.65	4.165E+01	3.881E-11
20730	40.98	4.098E+01	3.325E-11
20785	40.59	4.059E+01	3.040E-11
20838	40.31	4.031E+01	2.851E-11
20901	40.42	4.042E+01	2.920E-11
20968	40.93	4.093E+01	3.287E-11
21026	41.29	4.129E+01	3.572E-11
21083	40.80	4.080E+01	3.189E-11
21141	41.37	4.137E+01	3.635E-11
21196	41.27	4.127E+01	3.554E-11
21240	41.10	4.110E+01	3.417E-11
21300	41.46	4.146E+01	3.711E-11
21353	41.93	4.193E+01	4.133E-11
21412	41.89	4.189E+01	4.096E-11
21449	41.99	4.199E+01	4.196E-11
21488	41.15	4.115E+01	3.457E-11
21543	40.91	4.091E+01	3.271E-11
21598	40.84	4.084E+01	3.217E-11
21661	41.50	4.150E+01	3.747E-11
21671	40.78	4.078E+01	3.173E-11
21721	41.84	4.184E+01	4.054E-11
21771	42.78	4.278E+01	5.029E-11
21805	41.35	4.135E+01	3.617E-11
21858	41.28	4.128E+01	3.564E-11
21911	40.51	4.051E+01	2.984E-11
21975	40.56	4.056E+01	3.016E-11
22026	40.47	4.047E+01	2.956E-11
22070	40.94	4.094E+01	3.295E-11
22116	41.44	4.144E+01	3.696E-11
22160	41.25	4.125E+01	3.536E-11
22192	42.35	4.235E+01	4.554E-11
22205	41.66	4.166E+01	3.891E-11
22267	41.27	4.127E+01	3.554E-11
22331	41.35	4.135E+01	3.623E-11
22382	41.17	4.117E+01	3.469E-11
22438	41.44	4.144E+01	3.696E-11
22494	40.46	4.046E+01	2.947E-11
22556	40.40	4.040E+01	2.906E-11
22623	40.82	4.082E+01	3.205E-11
22681	40.48	4.048E+01	2.965E-11
22742	40.49	4.049E+01	2.971E-11
22790	40.79	4.079E+01	3.181E-11
22842	40.63	4.063E+01	3.067E-11
22879	41.27	4.127E+01	3.554E-11
22922	40.37	4.037E+01	2.891E-11
22980	40.56	4.056E+01	3.017E-11

Calculate device radiated power from EMC test data

23037	40.39	4.039E+01	2.898E-11
23093	40.37	4.037E+01	2.891E-11
23106	41.50	4.150E+01	3.748E-11
23158	40.78	4.078E+01	3.173E-11
23210	40.54	4.054E+01	3.001E-11
23268	40.28	4.028E+01	2.826E-11
23321	40.10	4.010E+01	2.716E-11
23365	40.01	4.001E+01	2.659E-11
23427	40.09	4.009E+01	2.708E-11
23514	40.26	4.026E+01	2.816E-11
23611	40.30	4.030E+01	2.840E-11
23615	41.02	4.102E+01	3.356E-11
23680	40.14	4.014E+01	2.737E-11
23750	40.07	4.007E+01	2.698E-11
23807	40.09	4.009E+01	2.708E-11
23893	40.07	4.007E+01	2.698E-11
23963	40.01	4.001E+01	2.659E-11
24009	40.11	4.011E+01	2.718E-11
24077	40.28	4.028E+01	2.826E-11
24130	40.09	4.009E+01	2.708E-11
24190	40.07	4.007E+01	2.698E-11
24255	40.14	4.014E+01	2.737E-11
24315	40.20	4.020E+01	2.778E-11
24375	40.47	4.047E+01	2.957E-11
24433	40.39	4.039E+01	2.898E-11
24471	40.32	4.032E+01	2.855E-11
24514	40.20	4.020E+01	2.778E-11
24577	40.09	4.009E+01	2.708E-11
24621	40.18	4.018E+01	2.763E-11
24663	40.20	4.020E+01	2.778E-11
24712	40.22	4.022E+01	2.791E-11
24751	40.20	4.020E+01	2.778E-11
24829	40.32	4.032E+01	2.853E-11
24847	41.92	4.192E+01	4.126E-11
24869	40.90	4.090E+01	3.263E-11
24900	40.23	4.023E+01	2.799E-11
24991	40.24	4.024E+01	2.802E-11
25054	40.16	4.016E+01	2.749E-11
25121	40.72	4.072E+01	3.130E-11
25150	41.79	4.179E+01	4.010E-11
25179	40.81	4.081E+01	3.197E-11
25217	40.32	4.032E+01	2.855E-11
25280	40.16	4.016E+01	2.749E-11
25328	40.22	4.022E+01	2.791E-11
25398	40.14	4.014E+01	2.741E-11
25477	40.22	4.022E+01	2.791E-11
25549	40.16	4.016E+01	2.749E-11
25614	40.39	4.039E+01	2.903E-11
25659	40.80	4.080E+01	3.187E-11

Calculate device radiated power from EMC test data

25673	41.84	4.184E+01	4.054E-11
25698	40.72	4.072E+01	3.132E-11
25752	40.32	4.032E+01	2.855E-11
25783	41.15	4.115E+01	3.457E-11
25809	42.47	4.247E+01	4.685E-11
25827	41.28	4.128E+01	3.560E-11
25867	40.46	4.046E+01	2.950E-11
25910	41.40	4.140E+01	3.663E-11
25930	40.61	4.061E+01	3.056E-11
25982	40.66	4.066E+01	3.087E-11
26037	40.43	4.043E+01	2.929E-11
26093	40.40	4.040E+01	2.906E-11
26136	41.09	4.109E+01	3.407E-11
26193	40.69	4.069E+01	3.110E-11
26232	41.28	4.128E+01	3.564E-11
26266	41.14	4.114E+01	3.448E-11
26310	41.42	4.142E+01	3.677E-11
26358	40.90	4.090E+01	3.262E-11
26382	41.25	4.125E+01	3.536E-11
26425	40.99	4.099E+01	3.333E-11
26459	40.61	4.061E+01	3.056E-11
26488	41.20	4.120E+01	3.500E-11