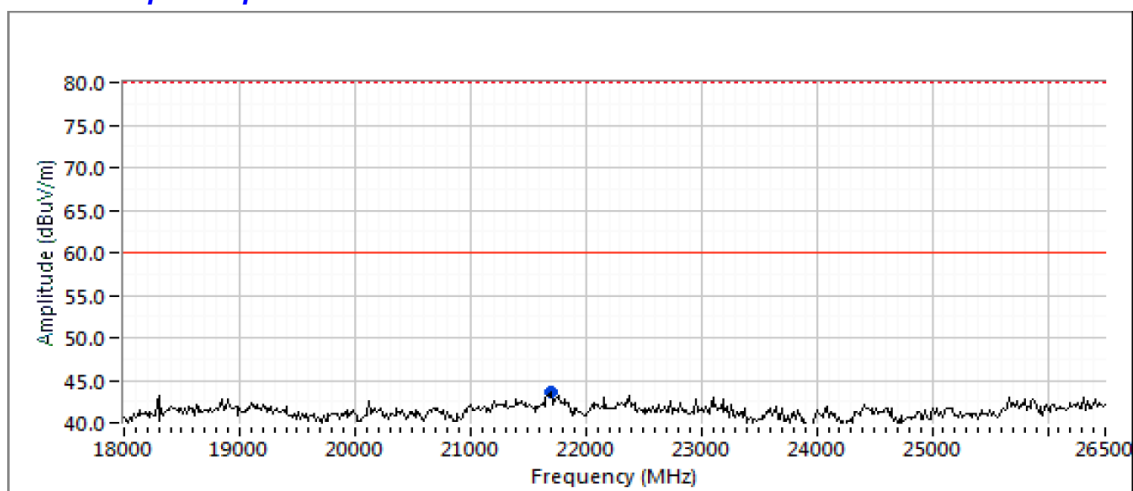


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 09 June 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 3, Figure 45a, 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: $3.187 \times 10^{-7} \text{ W/m}^2$
Device radiated power: 0.0220 mW

EMC test spectral plot



Plot of extracted data from EMC test spectral plot

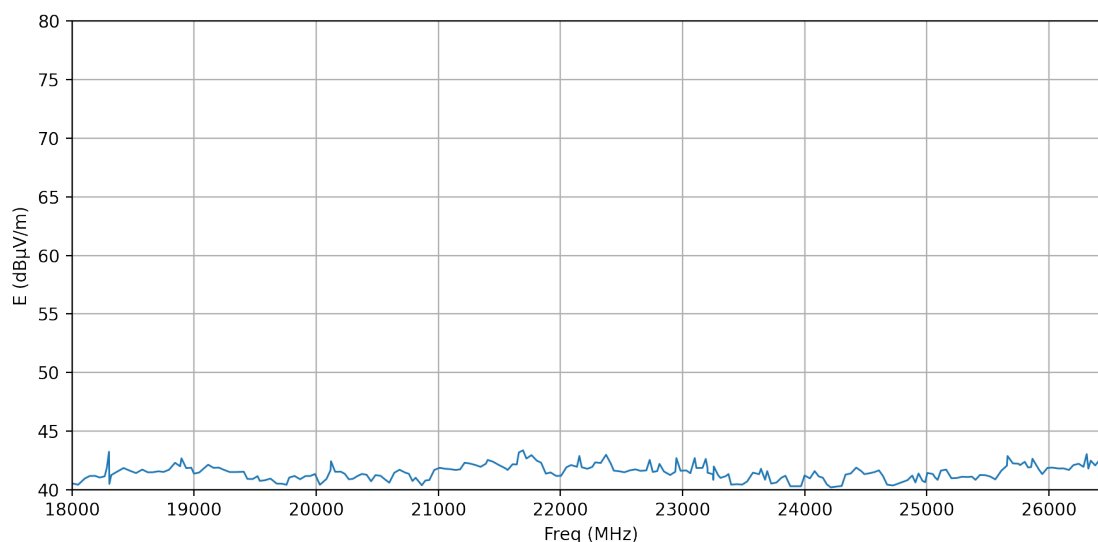


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
18010	40.52	4.052E+01	2.987E-11
18051	40.43	4.043E+01	2.928E-11
18104	40.95	4.095E+01	3.303E-11
18144	41.17	4.117E+01	3.472E-11
18189	41.18	4.118E+01	3.483E-11
18227	41.04	4.104E+01	3.372E-11
18267	41.14	4.114E+01	3.450E-11
18285	41.87	4.187E+01	4.079E-11
18303	43.24	4.324E+01	5.594E-11
18306	40.50	4.050E+01	2.973E-11
18321	41.25	4.125E+01	3.535E-11
18371	41.55	4.155E+01	3.794E-11
18422	41.85	4.185E+01	4.063E-11
18473	41.62	4.162E+01	3.852E-11
18524	41.42	4.142E+01	3.680E-11
18575	41.72	4.172E+01	3.941E-11
18619	41.49	4.149E+01	3.737E-11
18660	41.49	4.149E+01	3.737E-11
18707	41.57	4.157E+01	3.809E-11
18750	41.52	4.152E+01	3.763E-11
18794	41.70	4.170E+01	3.926E-11
18843	42.30	4.230E+01	4.501E-11
18885	42.00	4.200E+01	4.201E-11
18896	42.68	4.268E+01	4.916E-11
18935	41.85	4.185E+01	4.057E-11
18976	41.88	4.188E+01	4.087E-11
18999	41.37	4.137E+01	3.636E-11
19042	41.47	4.147E+01	3.723E-11
19078	41.81	4.181E+01	4.025E-11
19115	42.13	4.213E+01	4.335E-11
19158	41.87	4.187E+01	4.079E-11
19202	41.89	4.189E+01	4.094E-11
19246	41.69	4.169E+01	3.912E-11
19292	41.51	4.151E+01	3.754E-11
19334	41.51	4.151E+01	3.754E-11
19377	41.52	4.152E+01	3.765E-11
19406	41.54	4.154E+01	3.780E-11
19435	40.93	4.093E+01	3.283E-11
19479	40.91	4.091E+01	3.270E-11
19519	41.16	4.116E+01	3.463E-11
19538	40.76	4.076E+01	3.157E-11
19578	40.80	4.080E+01	3.192E-11
19625	40.95	4.095E+01	3.302E-11
19676	40.52	4.052E+01	2.990E-11
19720	40.51	4.051E+01	2.985E-11
19756	40.42	4.042E+01	2.923E-11

Calculate device radiated power from EMC test data

19778	41.03	4.103E+01	3.365E-11
19822	41.17	4.117E+01	3.476E-11
19868	40.89	4.089E+01	3.258E-11
19912	41.17	4.117E+01	3.472E-11
19950	41.17	4.117E+01	3.472E-11
19989	41.34	4.134E+01	3.611E-11
20030	40.42	4.042E+01	2.923E-11
20084	40.93	4.093E+01	3.283E-11
20117	41.67	4.167E+01	3.897E-11
20121	42.43	4.243E+01	4.643E-11
20154	41.53	4.153E+01	3.774E-11
20201	41.54	4.154E+01	3.780E-11
20234	41.36	4.136E+01	3.625E-11
20266	40.89	4.089E+01	3.258E-11
20299	40.93	4.093E+01	3.283E-11
20336	41.16	4.116E+01	3.463E-11
20373	41.35	4.135E+01	3.617E-11
20412	41.28	4.128E+01	3.560E-11
20449	40.72	4.072E+01	3.130E-11
20485	41.25	4.125E+01	3.536E-11
20527	41.18	4.118E+01	3.484E-11
20565	40.86	4.086E+01	3.230E-11
20598	40.61	4.061E+01	3.049E-11
20639	41.45	4.145E+01	3.703E-11
20682	41.70	4.170E+01	3.926E-11
20726	41.47	4.147E+01	3.723E-11
20758	41.36	4.136E+01	3.625E-11
20788	40.74	4.074E+01	3.148E-11
20814	41.02	4.102E+01	3.356E-11
20864	40.38	4.038E+01	2.895E-11
20893	40.79	4.079E+01	3.178E-11
20926	40.83	4.083E+01	3.209E-11
20966	41.69	4.169E+01	3.912E-11
21010	41.87	4.187E+01	4.079E-11
21056	41.79	4.179E+01	4.002E-11
21095	41.76	4.176E+01	3.975E-11
21141	41.69	4.169E+01	3.912E-11
21178	41.74	4.174E+01	3.957E-11
21215	42.30	4.230E+01	4.507E-11
21258	42.23	4.223E+01	4.435E-11
21300	42.12	4.212E+01	4.321E-11
21345	41.95	4.195E+01	4.157E-11
21389	42.22	4.222E+01	4.419E-11
21403	42.54	4.254E+01	4.764E-11
21447	42.39	4.239E+01	4.599E-11
21491	42.13	4.213E+01	4.335E-11
21542	41.86	4.186E+01	4.071E-11
21567	41.69	4.169E+01	3.912E-11
21608	42.17	4.217E+01	4.377E-11

21642	42.15	4.215E+01	4.355E-11
21659	43.18	4.318E+01	5.511E-11
21693	43.36	4.336E+01	5.755E-11
21721	42.66	4.266E+01	4.895E-11
21762	42.95	4.295E+01	5.235E-11
21806	42.47	4.247E+01	4.689E-11
21841	42.31	4.231E+01	4.512E-11
21880	41.37	4.137E+01	3.635E-11
21918	41.47	4.147E+01	3.725E-11
21965	41.17	4.117E+01	3.476E-11
22005	41.19	4.119E+01	3.489E-11
22049	41.92	4.192E+01	4.126E-11
22086	42.11	4.211E+01	4.307E-11
22135	41.96	4.196E+01	4.162E-11
22154	42.88	4.288E+01	5.146E-11
22174	41.92	4.192E+01	4.128E-11
22220	41.79	4.179E+01	4.002E-11
22260	41.95	4.195E+01	4.153E-11
22284	42.33	4.233E+01	4.538E-11
22329	42.28	4.228E+01	4.486E-11
22373	42.98	4.298E+01	5.273E-11
22413	42.20	4.220E+01	4.405E-11
22436	41.63	4.163E+01	3.858E-11
22482	41.57	4.157E+01	3.809E-11
22522	41.49	4.149E+01	3.737E-11
22570	41.66	4.166E+01	3.885E-11
22613	41.74	4.174E+01	3.957E-11
22655	41.61	4.161E+01	3.841E-11
22703	41.65	4.165E+01	3.878E-11
22730	42.54	4.254E+01	4.764E-11
22756	41.51	4.151E+01	3.758E-11
22792	41.59	4.159E+01	3.823E-11
22810	42.21	4.221E+01	4.410E-11
22847	41.55	4.155E+01	3.794E-11
22898	41.26	4.126E+01	3.543E-11
22940	41.53	4.153E+01	3.774E-11
22949	42.70	4.270E+01	4.940E-11
22983	41.62	4.162E+01	3.848E-11
23030	41.65	4.165E+01	3.876E-11
23063	41.41	4.141E+01	3.669E-11
23099	42.70	4.270E+01	4.943E-11
23113	41.85	4.185E+01	4.063E-11
23163	41.86	4.186E+01	4.074E-11
23189	42.63	4.263E+01	4.860E-11
23204	41.84	4.184E+01	4.048E-11
23204	41.45	4.145E+01	3.705E-11
23250	41.31	4.131E+01	3.587E-11
23251	40.84	4.084E+01	3.221E-11
23255	41.98	4.198E+01	4.189E-11

Calculate device radiated power from EMC test data

23291	41.23	4.123E+01	3.519E-11
23310	41.01	4.101E+01	3.346E-11
23353	41.16	4.116E+01	3.463E-11
23375	41.34	4.134E+01	3.611E-11
23397	40.43	4.043E+01	2.931E-11
23444	40.47	4.047E+01	2.956E-11
23488	40.44	4.044E+01	2.934E-11
23528	40.70	4.070E+01	3.120E-11
23576	41.46	4.146E+01	3.708E-11
23627	41.32	4.132E+01	3.597E-11
23641	41.79	4.179E+01	4.002E-11
23675	40.85	4.085E+01	3.228E-11
23692	41.59	4.159E+01	3.823E-11
23725	40.52	4.052E+01	2.990E-11
23769	40.62	4.062E+01	3.056E-11
23809	41.03	4.103E+01	3.359E-11
23842	41.19	4.119E+01	3.489E-11
23882	40.30	4.030E+01	2.841E-11
23969	40.30	4.030E+01	2.841E-11
23998	41.22	4.122E+01	3.509E-11
24042	40.97	4.097E+01	3.314E-11
24081	41.59	4.159E+01	3.823E-11
24115	41.13	4.113E+01	3.443E-11
24148	41.03	4.103E+01	3.359E-11
24181	40.45	4.045E+01	2.945E-11
24213	40.20	4.020E+01	2.776E-11
24268	40.28	4.028E+01	2.830E-11
24302	40.32	4.032E+01	2.854E-11
24334	41.29	4.129E+01	3.570E-11
24377	41.39	4.139E+01	3.652E-11
24421	41.89	4.189E+01	4.094E-11
24465	41.57	4.157E+01	3.809E-11
24487	41.33	4.133E+01	3.603E-11
24530	41.41	4.141E+01	3.666E-11
24572	41.51	4.151E+01	3.754E-11
24607	41.65	4.165E+01	3.882E-11
24639	41.20	4.120E+01	3.494E-11
24674	40.44	4.044E+01	2.933E-11
24722	40.36	4.036E+01	2.881E-11
24764	40.52	4.052E+01	2.990E-11
24807	40.69	4.069E+01	3.107E-11
24840	40.81	4.081E+01	3.197E-11
24880	41.21	4.121E+01	3.503E-11
24906	40.62	4.062E+01	3.060E-11
24931	41.39	4.139E+01	3.652E-11
24964	40.75	4.075E+01	3.154E-11
24986	40.64	4.064E+01	3.077E-11
25004	41.43	4.143E+01	3.686E-11
25049	41.34	4.134E+01	3.611E-11

25066	41.06	4.106E+01	3.384E-11
25088	40.84	4.084E+01	3.221E-11
25114	41.63	4.163E+01	3.858E-11
25157	41.72	4.172E+01	3.941E-11
25201	40.98	4.098E+01	3.321E-11
25245	41.00	4.100E+01	3.340E-11
25289	41.11	4.111E+01	3.423E-11
25332	41.08	4.108E+01	3.404E-11
25369	41.12	4.112E+01	3.430E-11
25398	40.84	4.084E+01	3.221E-11
25434	41.26	4.126E+01	3.543E-11
25478	41.24	4.124E+01	3.529E-11
25520	41.12	4.112E+01	3.434E-11
25560	40.88	4.088E+01	3.249E-11
25609	41.62	4.162E+01	3.852E-11
25655	42.06	4.206E+01	4.262E-11
25660	42.88	4.288E+01	5.146E-11
25704	42.25	4.225E+01	4.452E-11
25751	42.22	4.222E+01	4.419E-11
25762	42.10	4.210E+01	4.298E-11
25801	42.38	4.238E+01	4.590E-11
25829	41.90	4.190E+01	4.104E-11
25853	41.94	4.194E+01	4.142E-11
25864	42.65	4.265E+01	4.879E-11
25915	41.75	4.175E+01	3.972E-11
25945	41.33	4.133E+01	3.604E-11
25988	41.87	4.187E+01	4.076E-11
26028	41.89	4.189E+01	4.094E-11
26076	41.81	4.181E+01	4.025E-11
26119	41.82	4.182E+01	4.033E-11
26163	41.69	4.169E+01	3.912E-11
26200	42.10	4.210E+01	4.302E-11
26243	42.22	4.222E+01	4.419E-11
26282	41.95	4.195E+01	4.157E-11
26309	43.04	4.304E+01	5.342E-11
26322	41.80	4.180E+01	4.013E-11
26342	42.48	4.248E+01	4.696E-11
26378	42.07	4.207E+01	4.276E-11
26415	42.55	4.255E+01	4.768E-11
26441	42.19	4.219E+01	4.395E-11
26484	42.11	4.211E+01	4.311E-11