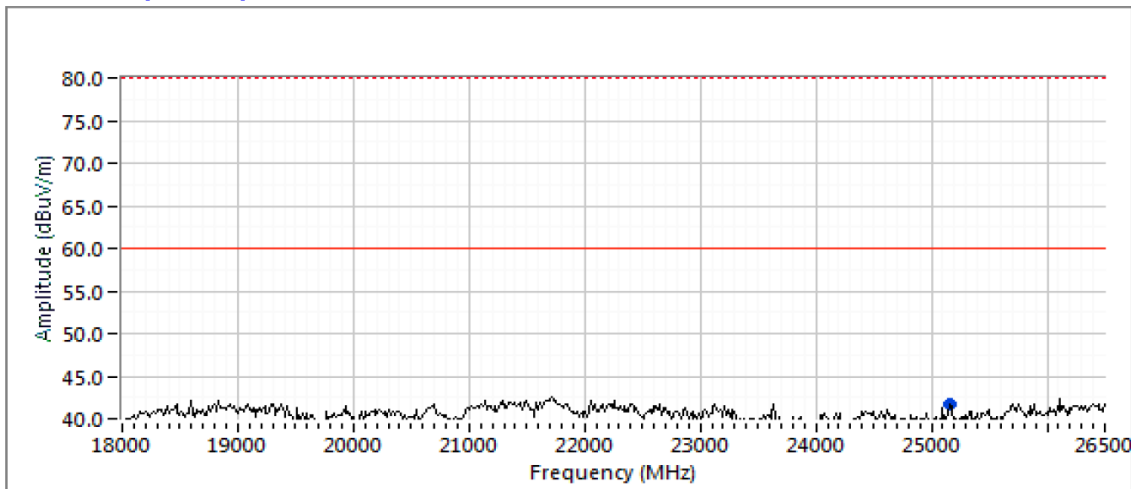


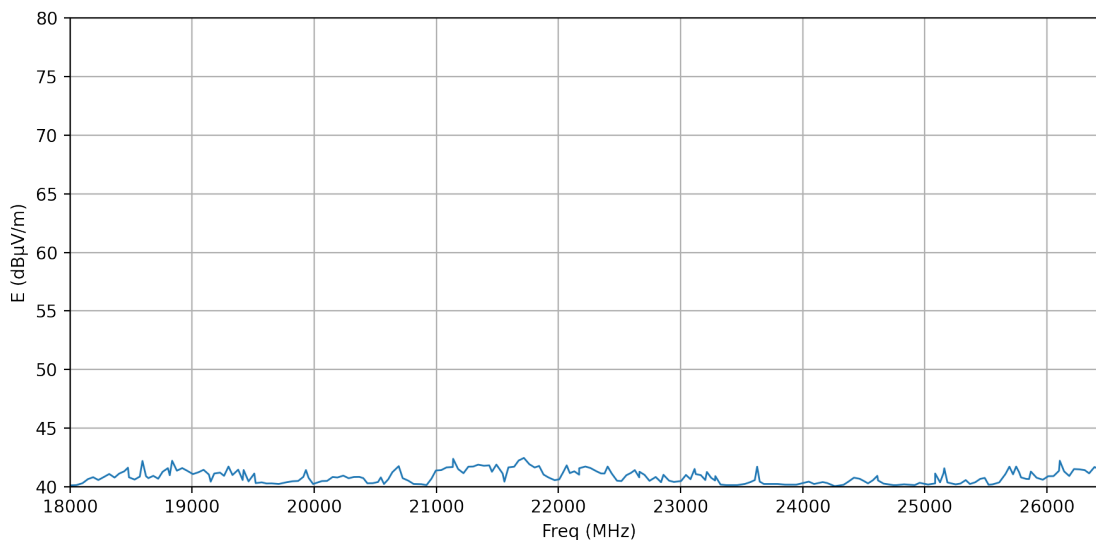
Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 16 June 2022

FCC ID: 2AFYJ-OASLV204 (Configuration 4, Figure/Page 52b, Class A device)  
Frequency span: 18,000 MHz to 26,500 MHz  
RBW: 1.0 MHz, distance: 3 m  
Peak-to-average correction: N/A  
No. of sample points: 8,500  
Cumulative S level:  $2.754\text{E-}07 \text{ W/m}^2$   
Device radiated power: 0.0190 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)
17989	40.11	4.011E+01	2.721E-11
18051	40.14	4.014E+01	2.737E-11
18102	40.30	4.030E+01	2.843E-11
18147	40.65	4.065E+01	3.082E-11
18189	40.81	4.081E+01	3.196E-11
18231	40.57	4.057E+01	3.026E-11
18274	40.81	4.081E+01	3.196E-11
18321	41.09	4.109E+01	3.406E-11
18365	40.78	4.078E+01	3.175E-11
18402	41.12	4.112E+01	3.431E-11
18444	41.32	4.132E+01	3.591E-11
18474	41.62	4.162E+01	3.855E-11
18483	40.80	4.080E+01	3.190E-11
18529	40.61	4.061E+01	3.054E-11
18571	40.86	4.086E+01	3.236E-11
18593	42.20	4.220E+01	4.402E-11
18622	40.90	4.090E+01	3.260E-11
18642	40.73	4.073E+01	3.139E-11
18682	40.93	4.093E+01	3.285E-11
18722	40.68	4.068E+01	3.103E-11
18758	41.28	4.128E+01	3.559E-11
18801	41.58	4.158E+01	3.820E-11
18817	40.98	4.098E+01	3.323E-11
18836	42.21	4.221E+01	4.416E-11
18875	41.37	4.137E+01	3.634E-11
18919	41.59	4.159E+01	3.826E-11
18960	41.36	4.136E+01	3.624E-11
19006	41.08	4.108E+01	3.400E-11
19050	41.23	4.123E+01	3.518E-11
19094	41.44	4.144E+01	3.697E-11
19137	41.04	4.104E+01	3.368E-11
19152	40.43	4.043E+01	2.931E-11
19181	41.13	4.113E+01	3.439E-11
19228	41.20	4.120E+01	3.498E-11
19261	40.93	4.093E+01	3.285E-11
19298	41.72	4.172E+01	3.944E-11
19330	41.00	4.100E+01	3.337E-11
19377	41.45	4.145E+01	3.708E-11
19414	40.57	4.057E+01	3.026E-11
19422	41.43	4.143E+01	3.683E-11
19462	40.45	4.045E+01	2.944E-11
19509	41.13	4.113E+01	3.439E-11
19520	40.31	4.031E+01	2.848E-11
19570	40.37	4.037E+01	2.888E-11
19608	40.28	4.028E+01	2.827E-11
19651	40.28	4.028E+01	2.832E-11

19709	40.24	4.024E+01	2.801E-11
19775	40.38	4.038E+01	2.897E-11
19822	40.47	4.047E+01	2.953E-11
19868	40.49	4.049E+01	2.971E-11
19911	40.84	4.084E+01	3.218E-11
19932	41.43	4.143E+01	3.683E-11
19954	40.76	4.076E+01	3.157E-11
19990	40.23	4.023E+01	2.800E-11
20063	40.48	4.048E+01	2.964E-11
20105	40.50	4.050E+01	2.973E-11
20150	40.83	4.083E+01	3.211E-11
20189	40.79	4.079E+01	3.180E-11
20238	40.95	4.095E+01	3.298E-11
20281	40.72	4.072E+01	3.133E-11
20324	40.83	4.083E+01	3.211E-11
20369	40.84	4.084E+01	3.217E-11
20402	40.73	4.073E+01	3.139E-11
20435	40.29	4.029E+01	2.837E-11
20478	40.30	4.030E+01	2.843E-11
20522	40.40	4.040E+01	2.909E-11
20545	40.80	4.080E+01	3.187E-11
20571	40.23	4.023E+01	2.800E-11
20606	40.63	4.063E+01	3.068E-11
20639	41.24	4.124E+01	3.526E-11
20692	41.75	4.175E+01	3.973E-11
20724	40.73	4.073E+01	3.139E-11
20770	40.52	4.052E+01	2.987E-11
20813	40.23	4.023E+01	2.800E-11
20877	40.21	4.021E+01	2.787E-11
20919	40.14	4.014E+01	2.737E-11
20959	40.68	4.068E+01	3.103E-11
20996	41.38	4.138E+01	3.648E-11
21039	41.42	4.142E+01	3.676E-11
21083	41.65	4.165E+01	3.877E-11
21134	41.68	4.168E+01	3.906E-11
21137	42.38	4.238E+01	4.590E-11
21178	41.51	4.151E+01	3.753E-11
21222	41.15	4.115E+01	3.458E-11
21262	41.71	4.171E+01	3.933E-11
21302	41.72	4.172E+01	3.944E-11
21342	41.88	4.188E+01	4.091E-11
21389	41.79	4.179E+01	4.004E-11
21433	41.82	4.182E+01	4.035E-11
21455	41.28	4.128E+01	3.559E-11
21491	41.89	4.189E+01	4.097E-11
21542	41.13	4.113E+01	3.439E-11
21557	40.43	4.043E+01	2.931E-11
21590	41.65	4.165E+01	3.877E-11
21637	41.71	4.171E+01	3.933E-11

21673	42.24	4.224E+01	4.438E-11
21716	42.46	4.246E+01	4.670E-11
21761	41.92	4.192E+01	4.128E-11
21805	41.64	4.164E+01	3.869E-11
21841	41.77	4.177E+01	3.989E-11
21877	41.04	4.104E+01	3.368E-11
21918	40.79	4.079E+01	3.182E-11
21969	40.56	4.056E+01	3.016E-11
22006	40.63	4.063E+01	3.068E-11
22040	41.26	4.126E+01	3.548E-11
22067	41.82	4.182E+01	4.035E-11
22092	41.16	4.116E+01	3.465E-11
22129	41.32	4.132E+01	3.591E-11
22169	41.03	4.103E+01	3.361E-11
22169	41.57	4.157E+01	3.811E-11
22220	41.72	4.172E+01	3.944E-11
22262	41.59	4.159E+01	3.827E-11
22307	41.33	4.133E+01	3.606E-11
22348	41.13	4.113E+01	3.444E-11
22377	41.13	4.113E+01	3.439E-11
22402	41.72	4.172E+01	3.944E-11
22435	41.14	4.114E+01	3.445E-11
22479	40.51	4.051E+01	2.985E-11
22515	40.48	4.048E+01	2.964E-11
22555	40.98	4.098E+01	3.323E-11
22594	41.19	4.119E+01	3.485E-11
22624	41.42	4.142E+01	3.676E-11
22661	40.80	4.080E+01	3.187E-11
22663	41.28	4.128E+01	3.559E-11
22705	41.01	4.101E+01	3.346E-11
22745	40.50	4.050E+01	2.976E-11
22796	40.83	4.083E+01	3.211E-11
22839	40.38	4.038E+01	2.897E-11
22859	41.02	4.102E+01	3.353E-11
22905	40.52	4.052E+01	2.987E-11
22945	40.41	4.041E+01	2.914E-11
23003	40.48	4.048E+01	2.964E-11
23044	41.00	4.100E+01	3.342E-11
23081	40.64	4.064E+01	3.075E-11
23114	41.51	4.151E+01	3.759E-11
23124	41.08	4.108E+01	3.400E-11
23165	40.99	4.099E+01	3.331E-11
23202	40.57	4.057E+01	3.026E-11
23215	41.26	4.126E+01	3.545E-11
23250	40.76	4.076E+01	3.160E-11
23282	40.53	4.053E+01	2.998E-11
23284	40.90	4.090E+01	3.267E-11
23327	40.19	4.019E+01	2.768E-11
23371	40.14	4.014E+01	2.737E-11

23437	40.14	4.014E+01	2.737E-11
23463	40.14	4.014E+01	2.737E-11
23525	40.23	4.023E+01	2.800E-11
23568	40.38	4.038E+01	2.897E-11
23607	40.57	4.057E+01	3.021E-11
23627	41.71	4.171E+01	3.931E-11
23648	40.43	4.043E+01	2.931E-11
23681	40.23	4.023E+01	2.800E-11
23794	40.23	4.023E+01	2.800E-11
23856	40.18	4.018E+01	2.762E-11
23946	40.17	4.017E+01	2.761E-11
24049	40.43	4.043E+01	2.931E-11
24093	40.23	4.023E+01	2.800E-11
24164	40.39	4.039E+01	2.904E-11
24200	40.31	4.031E+01	2.852E-11
24262	40.05	4.005E+01	2.682E-11
24333	40.16	4.016E+01	2.752E-11
24376	40.45	4.045E+01	2.944E-11
24419	40.77	4.077E+01	3.167E-11
24465	40.68	4.068E+01	3.103E-11
24501	40.48	4.048E+01	2.964E-11
24534	40.28	4.028E+01	2.832E-11
24574	40.55	4.055E+01	3.010E-11
24610	40.93	4.093E+01	3.285E-11
24616	40.53	4.053E+01	2.998E-11
24661	40.27	4.027E+01	2.821E-11
24742	40.14	4.014E+01	2.737E-11
24767	40.14	4.014E+01	2.737E-11
24829	40.20	4.020E+01	2.779E-11
24869	40.17	4.017E+01	2.760E-11
24916	40.14	4.014E+01	2.737E-11
24957	40.33	4.033E+01	2.865E-11
25026	40.19	4.019E+01	2.768E-11
25084	40.28	4.028E+01	2.832E-11
25084	41.13	4.113E+01	3.439E-11
25124	40.37	4.037E+01	2.891E-11
25152	41.15	4.115E+01	3.456E-11
25159	41.57	4.157E+01	3.811E-11
25185	40.36	4.036E+01	2.883E-11
25252	40.20	4.020E+01	2.779E-11
25292	40.27	4.027E+01	2.826E-11
25334	40.57	4.057E+01	3.021E-11
25368	40.23	4.023E+01	2.800E-11
25411	40.37	4.037E+01	2.891E-11
25454	40.67	4.067E+01	3.096E-11
25490	40.75	4.075E+01	3.153E-11
25521	40.17	4.017E+01	2.758E-11
25554	40.20	4.020E+01	2.779E-11
25609	40.37	4.037E+01	2.886E-11

## Calculate device radiated power from EMC test data

25660	41.09	4.109E+01	3.406E-11
25692	41.71	4.171E+01	3.933E-11
25722	41.06	4.106E+01	3.383E-11
25747	41.72	4.172E+01	3.944E-11
25772	41.23	4.123E+01	3.518E-11
25787	40.79	4.079E+01	3.184E-11
25830	40.67	4.067E+01	3.093E-11
25853	40.66	4.066E+01	3.085E-11
25868	41.29	4.129E+01	3.574E-11
25915	40.76	4.076E+01	3.163E-11
25966	40.60	4.060E+01	3.044E-11
26010	40.90	4.090E+01	3.260E-11
26053	40.90	4.090E+01	3.267E-11
26098	41.36	4.136E+01	3.627E-11
26104	42.22	4.222E+01	4.421E-11
26140	41.31	4.131E+01	3.583E-11
26182	40.91	4.091E+01	3.275E-11
26221	41.51	4.151E+01	3.753E-11
26265	41.48	4.148E+01	3.732E-11
26308	41.42	4.142E+01	3.676E-11
26345	41.14	4.114E+01	3.449E-11
26389	41.68	4.168E+01	3.906E-11
26434	41.47	4.147E+01	3.720E-11
26469	41.15	4.115E+01	3.458E-11
26491	41.72	4.172E+01	3.944E-11