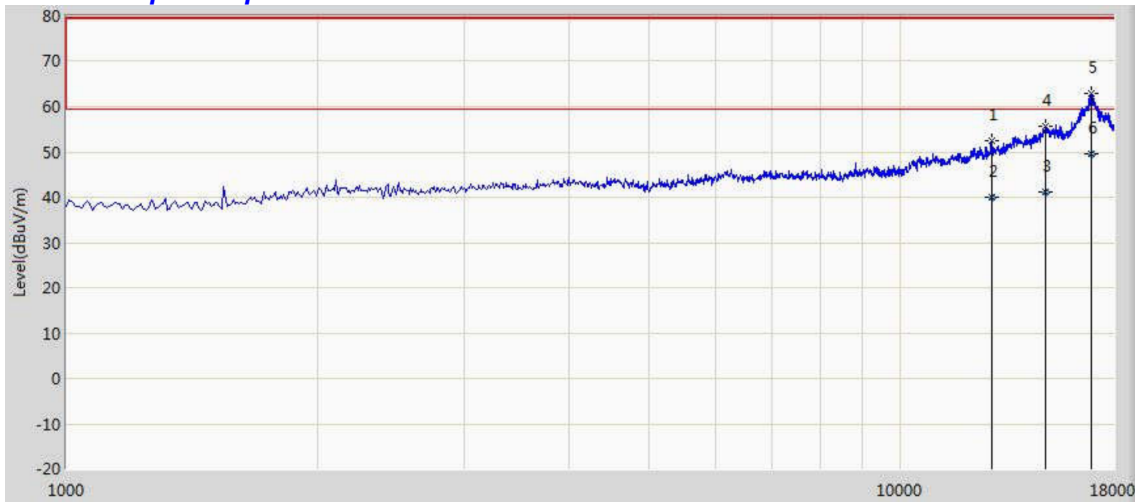


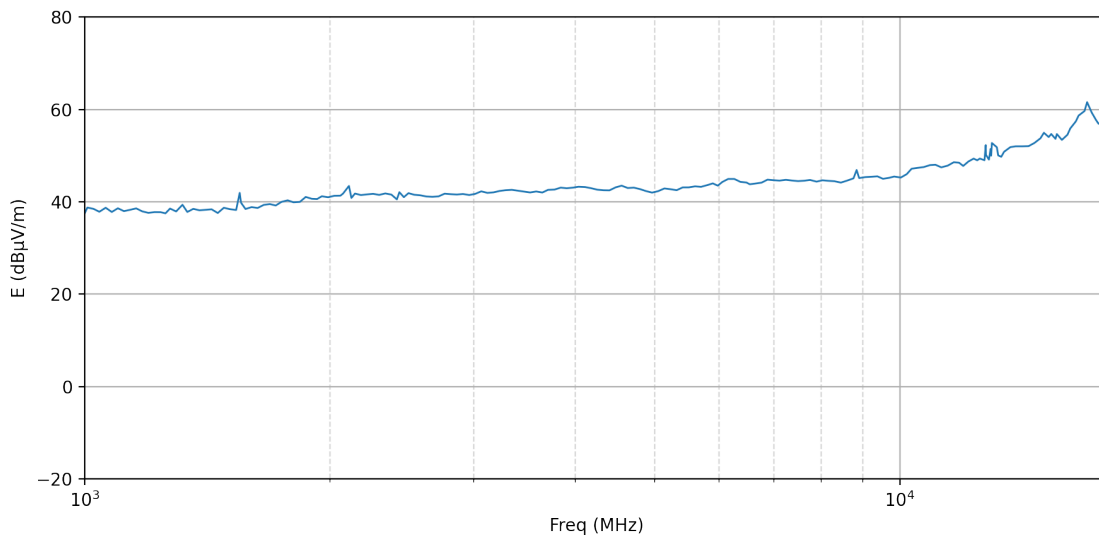
Prepared by: Dr Vitas Anderson (Two Fields Consulting)  
Date: 09 June 2022

FCC ID: 2ASO2PANDAR40P (Configuration 1, Figure 28, Class A device)  
Frequency span: 1,000 MHz to 18,000 MHz  
RBW: 1.0 MHz, distance: 3 m  
Peak-to-average correction: -13.40 dB  
No. of sample points: 17,000  
Cumulative S level:  $2.800\text{E-}07 \text{ W/m}^2$   
Device radiated power: 0.0193 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)
1000	37.43	2.403E+01	6.708E-13
1008	38.76	2.536E+01	9.103E-13
1025	38.47	2.507E+01	8.524E-13
1042	37.84	2.444E+01	7.377E-13
1061	38.71	2.531E+01	9.018E-13
1079	37.79	2.439E+01	7.294E-13
1098	38.60	2.520E+01	8.774E-13
1117	37.98	2.458E+01	7.612E-13
1137	38.26	2.486E+01	8.121E-13
1157	38.57	2.517E+01	8.728E-13
1177	37.92	2.452E+01	7.517E-13
1197	37.61	2.421E+01	6.986E-13
1218	37.76	2.436E+01	7.247E-13
1239	37.75	2.435E+01	7.228E-13
1256	37.50	2.410E+01	6.825E-13
1273	38.53	2.513E+01	8.648E-13
1295	37.91	2.451E+01	7.495E-13
1318	39.36	2.596E+01	1.045E-12
1336	37.80	2.440E+01	7.298E-13
1359	38.47	2.507E+01	8.520E-13
1383	38.16	2.476E+01	7.932E-13
1407	38.27	2.487E+01	8.132E-13
1431	38.37	2.497E+01	8.326E-13
1456	37.57	2.417E+01	6.931E-13
1481	38.71	2.531E+01	9.006E-13
1507	38.40	2.500E+01	8.381E-13
1534	38.23	2.483E+01	8.060E-13
1549	41.93	2.853E+01	1.891E-12
1555	39.79	2.639E+01	1.156E-12
1575	38.44	2.504E+01	8.469E-13
1602	38.85	2.545E+01	9.294E-13
1630	38.66	2.526E+01	8.913E-13
1658	39.33	2.593E+01	1.040E-12
1687	39.50	2.610E+01	1.080E-12
1715	39.20	2.580E+01	1.008E-12
1744	39.98	2.658E+01	1.208E-12
1774	40.32	2.692E+01	1.305E-12
1804	39.88	2.648E+01	1.180E-12
1836	39.98	2.658E+01	1.206E-12
1867	41.04	2.764E+01	1.542E-12
1899	40.65	2.725E+01	1.409E-12
1928	40.59	2.719E+01	1.390E-12
1954	41.20	2.780E+01	1.597E-12
1989	40.98	2.758E+01	1.519E-12
2023	41.30	2.790E+01	1.635E-12
2059	41.32	2.792E+01	1.644E-12

## Calculate device radiated power from EMC test data

2074	41.78	2.838E+01	1.825E-12
2109	43.43	3.003E+01	2.670E-12
2124	40.83	2.743E+01	1.468E-12
2146	41.78	2.838E+01	1.829E-12
2182	41.46	2.806E+01	1.695E-12
2219	41.60	2.820E+01	1.752E-12
2258	41.72	2.832E+01	1.803E-12
2297	41.49	2.809E+01	1.709E-12
2337	41.81	2.841E+01	1.839E-12
2378	41.55	2.815E+01	1.733E-12
2415	40.52	2.712E+01	1.366E-12
2432	42.08	2.868E+01	1.955E-12
2463	41.00	2.760E+01	1.527E-12
2496	41.87	2.847E+01	1.865E-12
2536	41.52	2.812E+01	1.722E-12
2580	41.40	2.800E+01	1.675E-12
2625	41.15	2.775E+01	1.580E-12
2670	41.08	2.768E+01	1.555E-12
2717	41.17	2.777E+01	1.588E-12
2764	41.76	2.836E+01	1.817E-12
2812	41.64	2.824E+01	1.770E-12
2861	41.57	2.817E+01	1.740E-12
2911	41.68	2.828E+01	1.786E-12
2963	41.46	2.806E+01	1.699E-12
3013	41.71	2.831E+01	1.798E-12
3065	42.26	2.886E+01	2.041E-12
3118	41.93	2.853E+01	1.890E-12
3173	42.04	2.864E+01	1.938E-12
3228	42.34	2.894E+01	2.080E-12
3284	42.51	2.911E+01	2.160E-12
3341	42.59	2.919E+01	2.200E-12
3399	42.41	2.901E+01	2.110E-12
3456	42.22	2.882E+01	2.019E-12
3518	42.01	2.861E+01	1.927E-12
3579	42.23	2.883E+01	2.028E-12
3642	42.00	2.860E+01	1.922E-12
3701	42.58	2.918E+01	2.198E-12
3769	42.64	2.924E+01	2.229E-12
3836	43.06	2.966E+01	2.454E-12
3902	42.93	2.953E+01	2.380E-12
3972	43.06	2.966E+01	2.456E-12
4034	43.26	2.986E+01	2.567E-12
4109	43.19	2.979E+01	2.526E-12
4180	42.94	2.954E+01	2.386E-12
4253	42.62	2.922E+01	2.218E-12
4329	42.50	2.910E+01	2.154E-12
4402	42.47	2.907E+01	2.142E-12
4479	43.11	2.971E+01	2.483E-12
4556	43.49	3.009E+01	2.709E-12

4636	42.98	2.958E+01	2.408E-12
4716	43.06	2.966E+01	2.453E-12
4798	42.75	2.935E+01	2.282E-12
4877	42.34	2.894E+01	2.076E-12
4965	41.98	2.858E+01	1.915E-12
5053	42.31	2.891E+01	2.063E-12
5141	42.89	2.949E+01	2.357E-12
5234	42.71	2.931E+01	2.264E-12
5322	42.51	2.911E+01	2.161E-12
5413	43.11	2.971E+01	2.482E-12
5508	43.12	2.972E+01	2.485E-12
5606	43.35	2.995E+01	2.619E-12
5701	43.24	2.984E+01	2.555E-12
5806	43.62	3.022E+01	2.789E-12
5894	43.98	3.058E+01	3.034E-12
5977	43.49	3.009E+01	2.709E-12
6056	44.29	3.089E+01	3.259E-12
6156	44.94	3.154E+01	3.783E-12
6263	44.94	3.154E+01	3.783E-12
6372	44.31	3.091E+01	3.271E-12
6482	44.17	3.077E+01	3.166E-12
6542	43.79	3.039E+01	2.903E-12
6647	43.95	3.055E+01	3.008E-12
6765	44.14	3.074E+01	3.148E-12
6879	44.79	3.139E+01	3.655E-12
7000	44.66	3.126E+01	3.548E-12
7117	44.58	3.118E+01	3.480E-12
7245	44.75	3.135E+01	3.623E-12
7369	44.60	3.120E+01	3.496E-12
7499	44.48	3.108E+01	3.398E-12
7634	44.56	3.116E+01	3.465E-12
7757	44.72	3.132E+01	3.596E-12
7900	44.36	3.096E+01	3.312E-12
8035	44.65	3.125E+01	3.534E-12
8174	44.53	3.113E+01	3.443E-12
8310	44.45	3.105E+01	3.381E-12
8462	44.15	3.075E+01	3.154E-12
8608	44.57	3.117E+01	3.470E-12
8770	45.07	3.167E+01	3.897E-12
8848	46.88	3.348E+01	5.905E-12
8911	45.13	3.173E+01	3.953E-12
9066	45.34	3.194E+01	4.147E-12
9229	45.42	3.202E+01	4.219E-12
9383	45.51	3.211E+01	4.309E-12
9531	44.97	3.157E+01	3.807E-12
9694	45.18	3.178E+01	3.996E-12
9838	45.46	3.206E+01	4.266E-12
10024	45.25	3.185E+01	4.058E-12
10194	45.99	3.259E+01	4.815E-12

10333	47.15	3.375E+01	6.288E-12
10507	47.34	3.394E+01	6.571E-12
10694	47.51	3.411E+01	6.838E-12
10887	47.94	3.454E+01	7.547E-12
11054	48.02	3.462E+01	7.677E-12
11237	47.45	3.405E+01	6.741E-12
11443	47.82	3.442E+01	7.339E-12
11643	48.56	3.516E+01	8.703E-12
11816	48.46	3.506E+01	8.500E-12
11955	47.76	3.436E+01	7.233E-12
12134	48.72	3.532E+01	9.032E-12
12313	49.34	3.594E+01	1.042E-11
12437	48.98	3.558E+01	9.591E-12
12530	49.35	3.595E+01	1.044E-11
12697	49.00	3.560E+01	9.624E-12
12741	52.27	3.887E+01	2.043E-11
12748	50.17	3.677E+01	1.260E-11
12857	49.13	3.573E+01	9.918E-12
12917	51.43	3.803E+01	1.686E-11
12939	49.98	3.658E+01	1.208E-11
12964	52.72	3.932E+01	2.269E-11
13147	51.81	3.841E+01	1.838E-11
13197	50.05	3.665E+01	1.225E-11
13311	49.73	3.633E+01	1.140E-11
13417	50.82	3.742E+01	1.463E-11
13658	51.83	3.843E+01	1.846E-11
13863	52.00	3.860E+01	1.922E-11
14129	52.00	3.860E+01	1.923E-11
14380	52.04	3.864E+01	1.939E-11
14621	52.73	3.933E+01	2.276E-11
14870	53.74	4.034E+01	2.867E-11
15016	54.94	4.154E+01	3.779E-11
15220	54.01	4.061E+01	3.055E-11
15331	54.66	4.126E+01	3.549E-11
15515	53.62	4.022E+01	2.791E-11
15575	54.66	4.126E+01	3.544E-11
15799	53.39	3.999E+01	2.648E-11
16048	54.51	4.111E+01	3.423E-11
16176	55.86	4.246E+01	4.677E-11
16432	57.39	4.399E+01	6.645E-11
16563	58.66	4.526E+01	8.906E-11
16842	59.64	4.624E+01	1.116E-10
16964	61.56	4.816E+01	1.737E-10
17182	59.35	4.595E+01	1.044E-10
17397	57.70	4.430E+01	7.138E-11
17522	56.88	4.348E+01	5.911E-11
17714	57.46	4.406E+01	6.750E-11
17893	55.73	4.233E+01	4.534E-11
17951	54.63	4.123E+01	3.523E-11