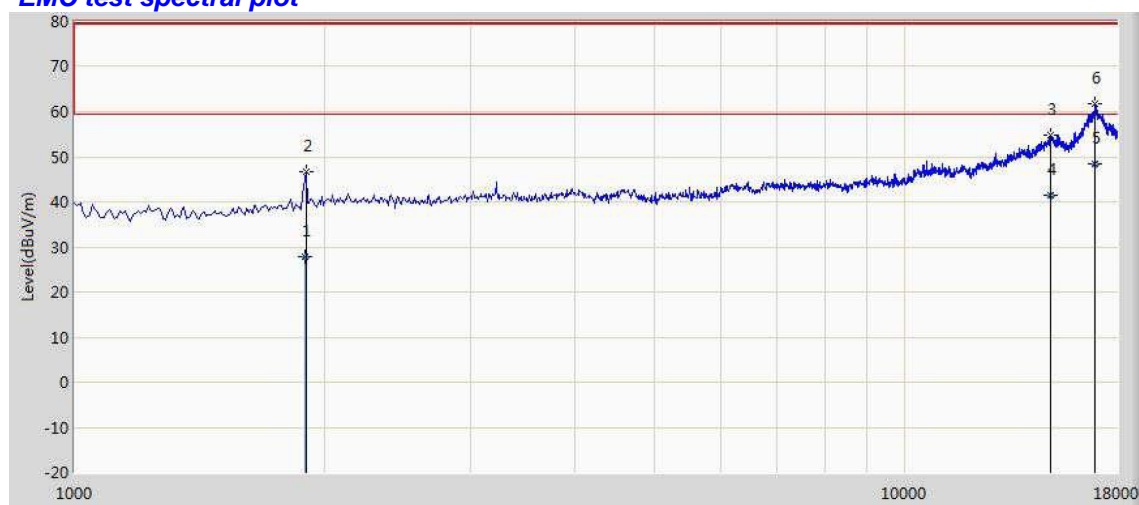


Prepared by: Dr Vitas Anderson (Two Fields Consulting)
Date: 16 June 2022

FCC ID: 2AS02PANDARQTV2 (Configuration 1, Figure/Page 24, Class A device)
Frequency span: 1,000 MHz to 18,000 MHz
RBW: 1.0 MHz, distance: 3 m
Peak-to-average correction: -15.10 dB
No. of sample points: 17,000
Cumulative S level: $1.510\text{E-}07 \text{ W/m}^2$
Device radiated power: 0.0104 mW

EMC test spectral plot



Plot of extracted data from EMC test spectral plot

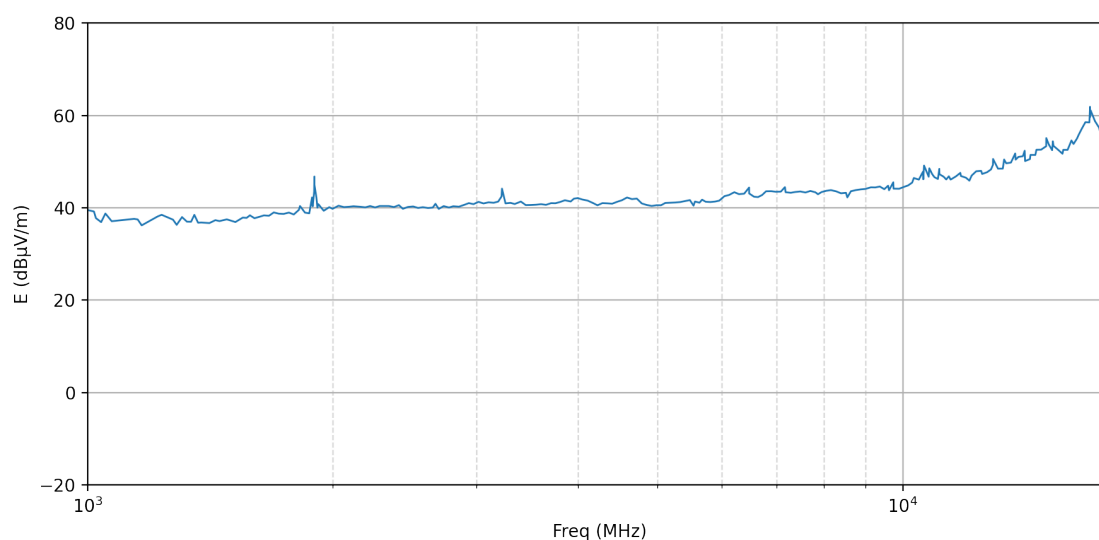


Table of extracted data from EMC test spectral plot

Freq (MHz)	E (dBμV/m)	E (V/m rms)	S (W/m²)
993	39.63	2.453E+01	7.525E-13
1018	39.20	2.410E+01	6.820E-13
1023	37.76	2.266E+01	4.895E-13
1039	36.90	2.180E+01	4.015E-13
1051	38.76	2.366E+01	6.160E-13
1070	37.09	2.199E+01	4.196E-13
1140	37.61	2.251E+01	4.724E-13
1152	37.48	2.238E+01	4.586E-13
1165	36.20	2.110E+01	3.415E-13
1218	38.12	2.302E+01	5.321E-13
1232	38.48	2.338E+01	5.778E-13
1272	37.43	2.233E+01	4.538E-13
1286	36.31	2.121E+01	3.503E-13
1305	37.99	2.289E+01	5.157E-13
1323	37.00	2.190E+01	4.108E-13
1339	36.98	2.188E+01	4.088E-13
1352	38.47	2.337E+01	5.764E-13
1366	36.77	2.167E+01	3.897E-13
1378	36.81	2.171E+01	3.936E-13
1410	36.69	2.159E+01	3.826E-13
1434	37.32	2.222E+01	4.421E-13
1451	37.12	2.202E+01	4.226E-13
1481	37.49	2.239E+01	4.603E-13
1518	36.92	2.182E+01	4.031E-13
1550	37.88	2.278E+01	5.028E-13
1567	37.81	2.271E+01	4.956E-13
1581	38.37	2.327E+01	5.636E-13
1602	37.74	2.264E+01	4.872E-13
1622	38.03	2.293E+01	5.203E-13
1645	38.35	2.325E+01	5.609E-13
1669	38.28	2.318E+01	5.511E-13
1691	38.99	2.389E+01	6.500E-13
1715	38.73	2.363E+01	6.116E-13
1739	38.68	2.358E+01	6.042E-13
1765	38.96	2.386E+01	6.451E-13
1790	38.55	2.345E+01	5.875E-13
1816	39.56	2.446E+01	7.413E-13
1821	40.38	2.528E+01	8.957E-13
1847	38.95	2.385E+01	6.440E-13
1870	38.80	2.370E+01	6.216E-13
1884	42.25	2.715E+01	1.375E-12
1888	40.31	2.521E+01	8.811E-13
1896	43.51	2.841E+01	1.841E-12
1897	46.76	3.166E+01	3.888E-12
1897	44.97	2.987E+01	2.575E-12
1908	42.25	2.715E+01	1.375E-12

Calculate device radiated power from EMC test data

1913	40.02	2.492E+01	8.244E-13
1918	40.80	2.570E+01	9.847E-13
1948	39.35	2.425E+01	7.065E-13
1978	40.13	2.503E+01	8.444E-13
1997	39.78	2.468E+01	7.788E-13
2031	40.45	2.535E+01	9.088E-13
2063	40.15	2.505E+01	8.477E-13
2093	40.23	2.513E+01	8.638E-13
2118	40.33	2.523E+01	8.851E-13
2160	40.22	2.512E+01	8.624E-13
2190	40.10	2.500E+01	8.379E-13
2220	40.38	2.528E+01	8.946E-13
2252	40.08	2.498E+01	8.347E-13
2281	40.38	2.528E+01	8.954E-13
2310	40.39	2.529E+01	8.962E-13
2341	40.38	2.528E+01	8.946E-13
2375	40.16	2.506E+01	8.512E-13
2408	40.56	2.546E+01	9.336E-13
2436	39.78	2.468E+01	7.788E-13
2471	40.18	2.508E+01	8.542E-13
2507	40.29	2.519E+01	8.762E-13
2542	39.96	2.486E+01	8.128E-13
2577	40.13	2.503E+01	8.442E-13
2615	39.95	2.485E+01	8.106E-13
2650	40.04	2.494E+01	8.279E-13
2670	40.87	2.577E+01	1.001E-12
2695	39.75	2.465E+01	7.740E-13
2733	40.37	2.527E+01	8.921E-13
2774	40.06	2.496E+01	8.308E-13
2807	40.33	2.523E+01	8.851E-13
2854	40.24	2.514E+01	8.665E-13
2891	40.59	2.549E+01	9.388E-13
2934	41.01	2.591E+01	1.033E-12
2973	40.79	2.569E+01	9.830E-13
3016	41.28	2.618E+01	1.101E-12
3058	40.94	2.584E+01	1.017E-12
3102	41.18	2.608E+01	1.077E-12
3147	41.09	2.599E+01	1.053E-12
3188	41.34	2.624E+01	1.115E-12
3218	42.45	2.735E+01	1.441E-12
3222	44.15	2.905E+01	2.129E-12
3255	40.94	2.584E+01	1.019E-12
3300	41.07	2.597E+01	1.048E-12
3340	40.82	2.572E+01	9.894E-13
3399	41.35	2.625E+01	1.119E-12
3446	40.58	2.548E+01	9.374E-13
3495	40.61	2.551E+01	9.426E-13
3549	40.67	2.557E+01	9.564E-13
3599	40.78	2.568E+01	9.812E-13

Calculate device radiated power from EMC test data

3649	40.64	2.554E+01	9.503E-13
3702	41.00	2.590E+01	1.033E-12
3747	40.98	2.588E+01	1.026E-12
3800	41.28	2.618E+01	1.100E-12
3849	41.63	2.653E+01	1.193E-12
3912	41.36	2.626E+01	1.120E-12
3948	41.98	2.688E+01	1.292E-12
3991	42.10	2.700E+01	1.329E-12
4043	41.80	2.670E+01	1.239E-12
4104	41.56	2.646E+01	1.173E-12
4160	41.08	2.598E+01	1.052E-12
4220	40.54	2.544E+01	9.292E-13
4279	41.01	2.591E+01	1.033E-12
4339	40.96	2.586E+01	1.022E-12
4399	40.88	2.578E+01	1.005E-12
4458	41.28	2.618E+01	1.102E-12
4520	41.62	2.652E+01	1.191E-12
4587	42.23	2.713E+01	1.369E-12
4651	41.88	2.678E+01	1.263E-12
4715	41.99	2.689E+01	1.297E-12
4783	40.93	2.583E+01	1.017E-12
4850	40.61	2.551E+01	9.434E-13
4918	40.40	2.530E+01	8.978E-13
4986	40.55	2.545E+01	9.309E-13
5048	40.55	2.545E+01	9.293E-13
5111	41.05	2.595E+01	1.043E-12
5185	41.10	2.600E+01	1.055E-12
5255	41.14	2.604E+01	1.066E-12
5328	41.24	2.614E+01	1.090E-12
5407	41.47	2.637E+01	1.150E-12
5479	41.66	2.656E+01	1.202E-12
5535	40.46	2.536E+01	9.107E-13
5557	41.35	2.625E+01	1.120E-12
5629	41.11	2.601E+01	1.058E-12
5670	41.76	2.666E+01	1.228E-12
5728	41.31	2.621E+01	1.108E-12
5802	41.25	2.615E+01	1.092E-12
5883	41.35	2.625E+01	1.118E-12
5951	41.54	2.644E+01	1.168E-12
6040	42.51	2.741E+01	1.463E-12
6119	42.77	2.767E+01	1.551E-12
6210	43.37	2.827E+01	1.782E-12
6293	42.95	2.785E+01	1.617E-12
6386	43.05	2.795E+01	1.654E-12
6476	44.38	2.928E+01	2.249E-12
6476	43.11	2.801E+01	1.676E-12
6566	42.40	2.730E+01	1.424E-12
6641	42.32	2.722E+01	1.397E-12
6718	42.77	2.767E+01	1.550E-12

6793	43.57	2.847E+01	1.866E-12
6892	43.59	2.849E+01	1.872E-12
6980	43.47	2.837E+01	1.822E-12
7082	43.50	2.840E+01	1.833E-12
7165	44.47	2.937E+01	2.294E-12
7179	43.37	2.827E+01	1.780E-12
7284	43.25	2.815E+01	1.734E-12
7379	43.42	2.832E+01	1.803E-12
7483	43.53	2.843E+01	1.848E-12
7593	43.31	2.821E+01	1.757E-12
7699	43.64	2.854E+01	1.895E-12
7810	43.35	2.825E+01	1.772E-12
7866	42.92	2.782E+01	1.607E-12
7944	43.40	2.830E+01	1.792E-12
8052	43.68	2.858E+01	1.912E-12
8159	43.82	2.872E+01	1.978E-12
8279	43.56	2.846E+01	1.860E-12
8395	43.13	2.803E+01	1.687E-12
8513	43.25	2.815E+01	1.730E-12
8546	42.25	2.715E+01	1.375E-12
8632	43.58	2.848E+01	1.868E-12
8757	43.84	2.874E+01	1.982E-12
8881	43.99	2.889E+01	2.054E-12
8992	44.07	2.897E+01	2.095E-12
9133	44.43	2.933E+01	2.273E-12
9250	44.41	2.931E+01	2.261E-12
9367	44.60	2.950E+01	2.366E-12
9486	44.02	2.892E+01	2.071E-12
9589	44.78	2.968E+01	2.463E-12
9614	43.79	2.869E+01	1.961E-12
9731	45.52	3.042E+01	2.922E-12
9737	44.14	2.904E+01	2.129E-12
9892	44.12	2.902E+01	2.116E-12
10013	44.48	2.938E+01	2.299E-12
10149	44.85	2.975E+01	2.503E-12
10264	45.46	3.036E+01	2.879E-12
10312	46.45	3.135E+01	3.616E-12
10459	46.09	3.099E+01	3.334E-12
10578	47.78	3.268E+01	4.913E-12
10590	46.16	3.106E+01	3.389E-12
10613	49.14	3.404E+01	6.722E-12
10754	46.73	3.163E+01	3.857E-12
10772	48.54	3.344E+01	5.862E-12
10863	47.25	3.215E+01	4.354E-12
10930	46.62	3.152E+01	3.763E-12
11037	46.24	3.114E+01	3.445E-12
11081	48.42	3.332E+01	5.704E-12
11084	47.28	3.218E+01	4.379E-12
11219	46.72	3.162E+01	3.847E-12

11299	46.13	3.103E+01	3.361E-12
11384	46.82	3.172E+01	3.938E-12
11440	46.10	3.100E+01	3.339E-12
11615	46.80	3.170E+01	3.926E-12
11760	47.56	3.246E+01	4.674E-12
11778	46.88	3.178E+01	3.994E-12
11948	46.50	3.140E+01	3.664E-12
12063	45.87	3.077E+01	3.167E-12
12141	46.97	3.187E+01	4.080E-12
12299	47.91	3.281E+01	5.062E-12
12471	47.99	3.289E+01	5.163E-12
12506	47.32	3.222E+01	4.425E-12
12680	47.69	3.259E+01	4.819E-12
12823	48.30	3.320E+01	5.545E-12
12894	49.30	3.420E+01	6.976E-12
12898	50.56	3.546E+01	9.335E-12
13078	48.47	3.337E+01	5.766E-12
13257	48.48	3.338E+01	5.773E-12
13307	50.45	3.535E+01	9.083E-12
13385	49.63	3.453E+01	7.523E-12
13565	49.78	3.468E+01	7.794E-12
13730	51.75	3.665E+01	1.227E-11
13747	50.42	3.532E+01	9.034E-12
13858	51.01	3.591E+01	1.035E-11
14031	51.16	3.606E+01	1.070E-11
14102	52.35	3.725E+01	1.407E-11
14119	50.11	3.501E+01	8.405E-12
14314	50.54	3.544E+01	9.279E-12
14336	51.45	3.635E+01	1.144E-11
14533	51.43	3.633E+01	1.140E-11
14578	52.56	3.746E+01	1.477E-11
14772	52.58	3.748E+01	1.484E-11
14986	53.33	3.823E+01	1.763E-11
14990	55.08	3.998E+01	2.641E-11
15098	53.69	3.859E+01	1.917E-11
15240	52.47	3.737E+01	1.446E-11
15270	54.39	3.929E+01	2.252E-11
15297	53.40	3.830E+01	1.795E-11
15494	52.57	3.747E+01	1.483E-11
15692	51.69	3.659E+01	1.210E-11
15726	52.54	3.744E+01	1.472E-11
15919	52.54	3.744E+01	1.470E-11
16095	54.57	3.947E+01	2.348E-11
16189	53.81	3.871E+01	1.969E-11
16345	54.97	3.987E+01	2.572E-11
16434	55.87	4.077E+01	3.166E-11
16568	57.09	4.199E+01	4.195E-11
16740	58.53	4.343E+01	5.839E-11
16930	58.47	4.337E+01	5.763E-11

Calculate device radiated power from EMC test data

16960	61.86	4.676E+01	1.257E-10
16963	59.64	4.454E+01	7.550E-11
16989	61.08	4.598E+01	1.052E-10
17198	58.76	4.366E+01	6.163E-11
17401	57.33	4.223E+01	4.434E-11
17536	55.04	3.994E+01	2.618E-11
17567	56.13	4.103E+01	3.363E-11
17768	56.60	4.150E+01	3.750E-11
17865	55.15	4.005E+01	2.680E-11
17989	55.46	4.036E+01	2.882E-11
18013	54.56	3.946E+01	2.344E-11