



Appendix E

RF Test Data for 5.8GWIFI(Conducted Measurement)

Product Name: VideoConverter

Trade Mark: TNVTEC

Test Model: SMT-9B

Environmental Conditions

Temperature:	19.9° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



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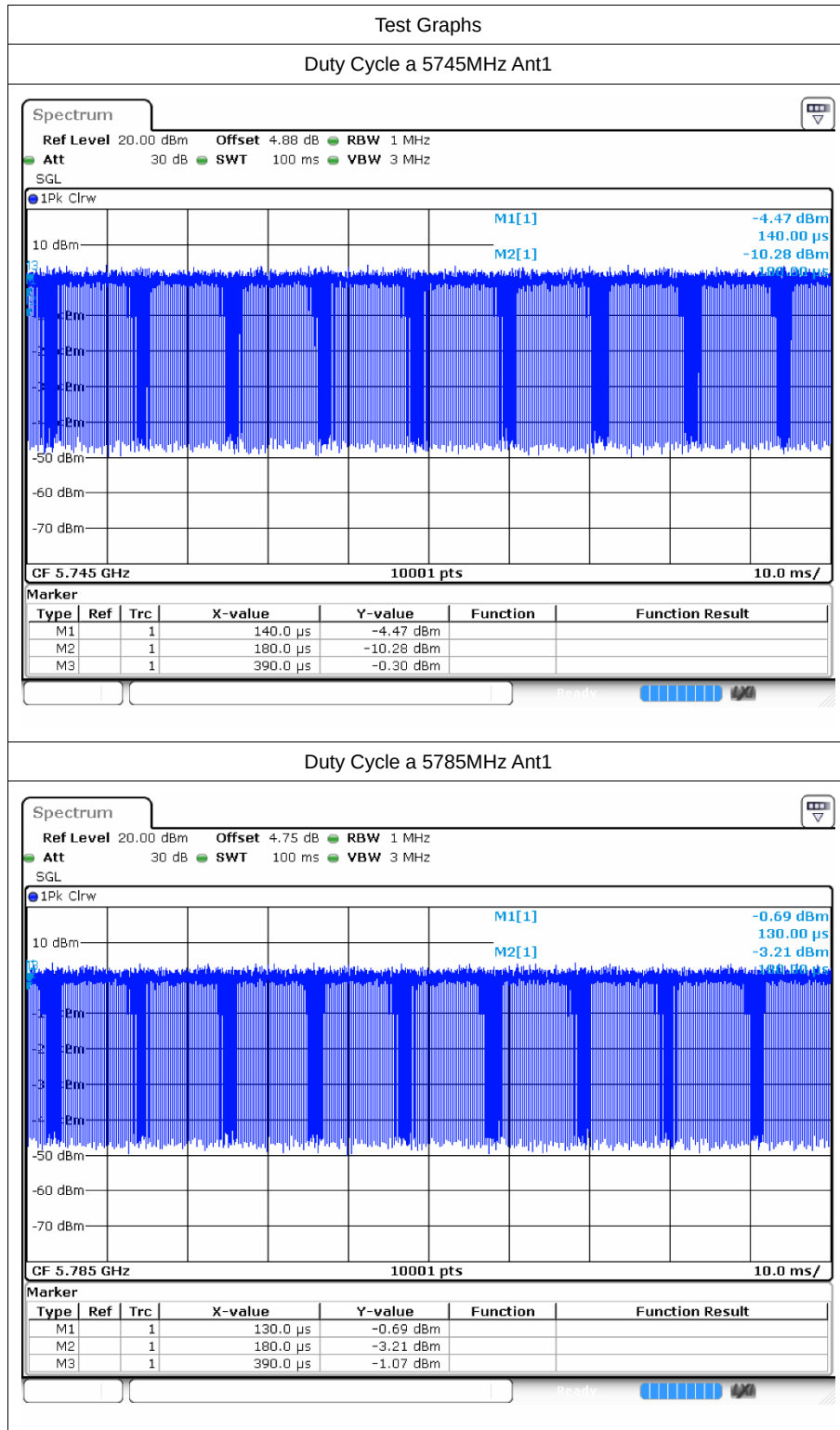


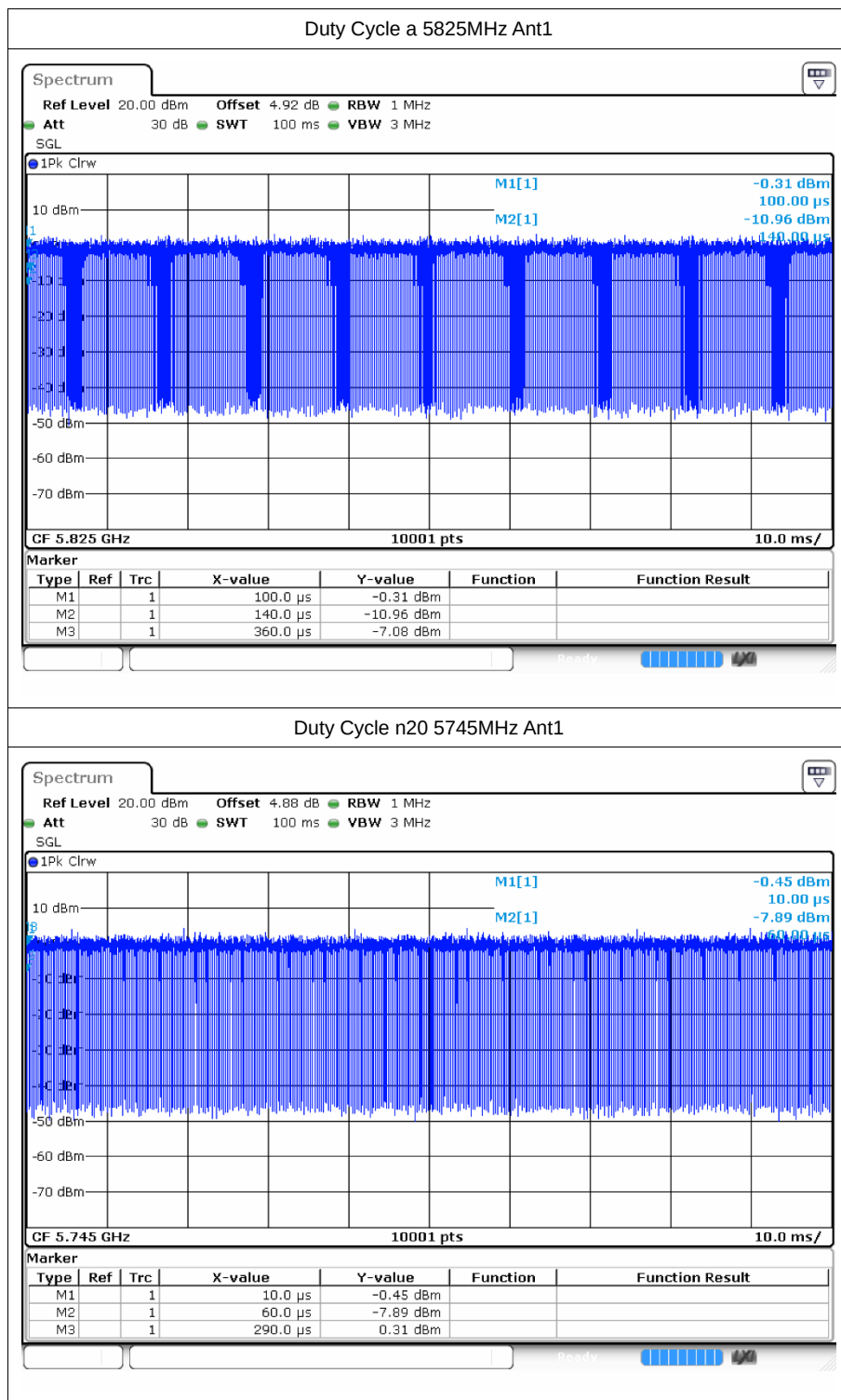
1 Duty Cycle

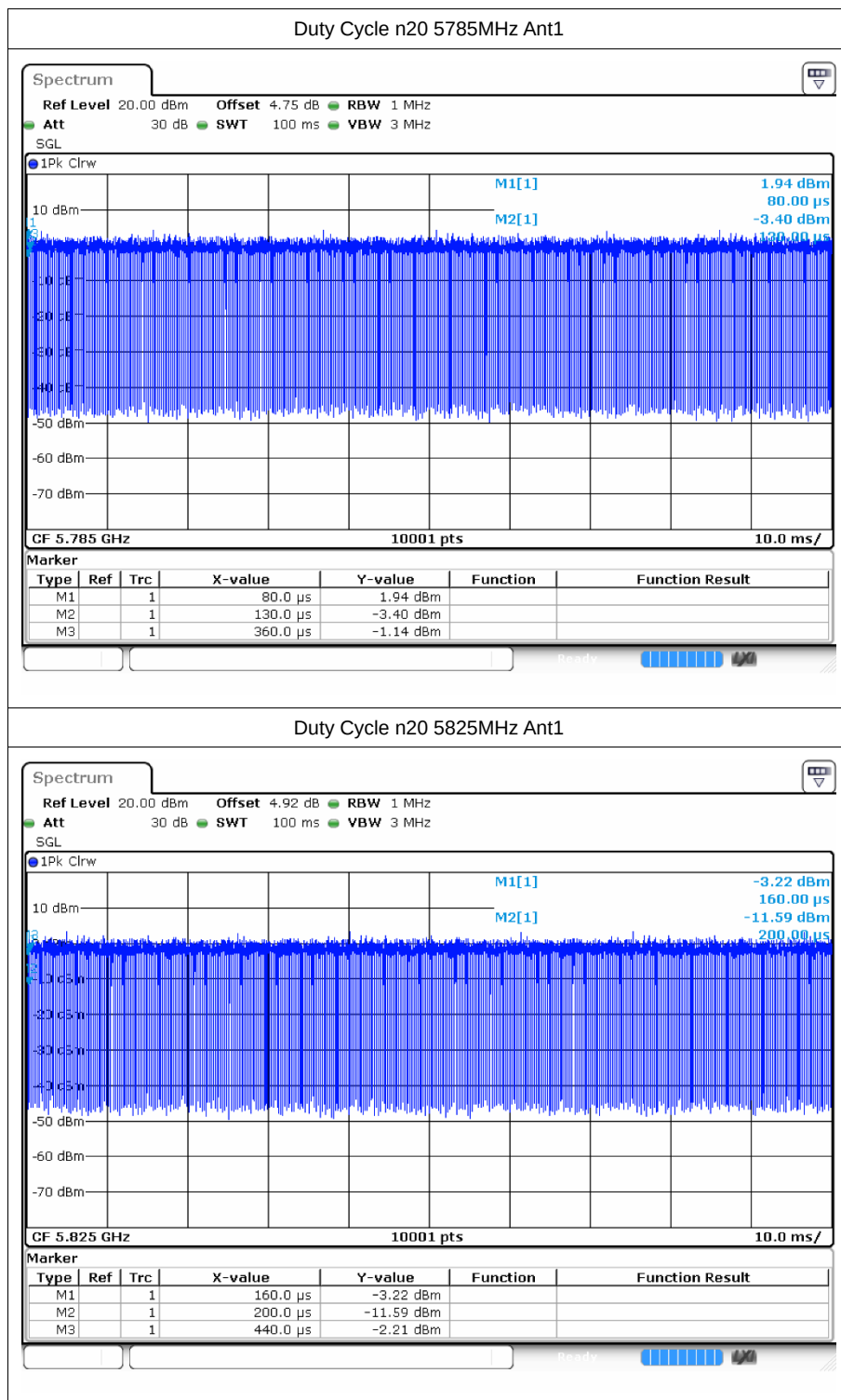
1.1 Test Result

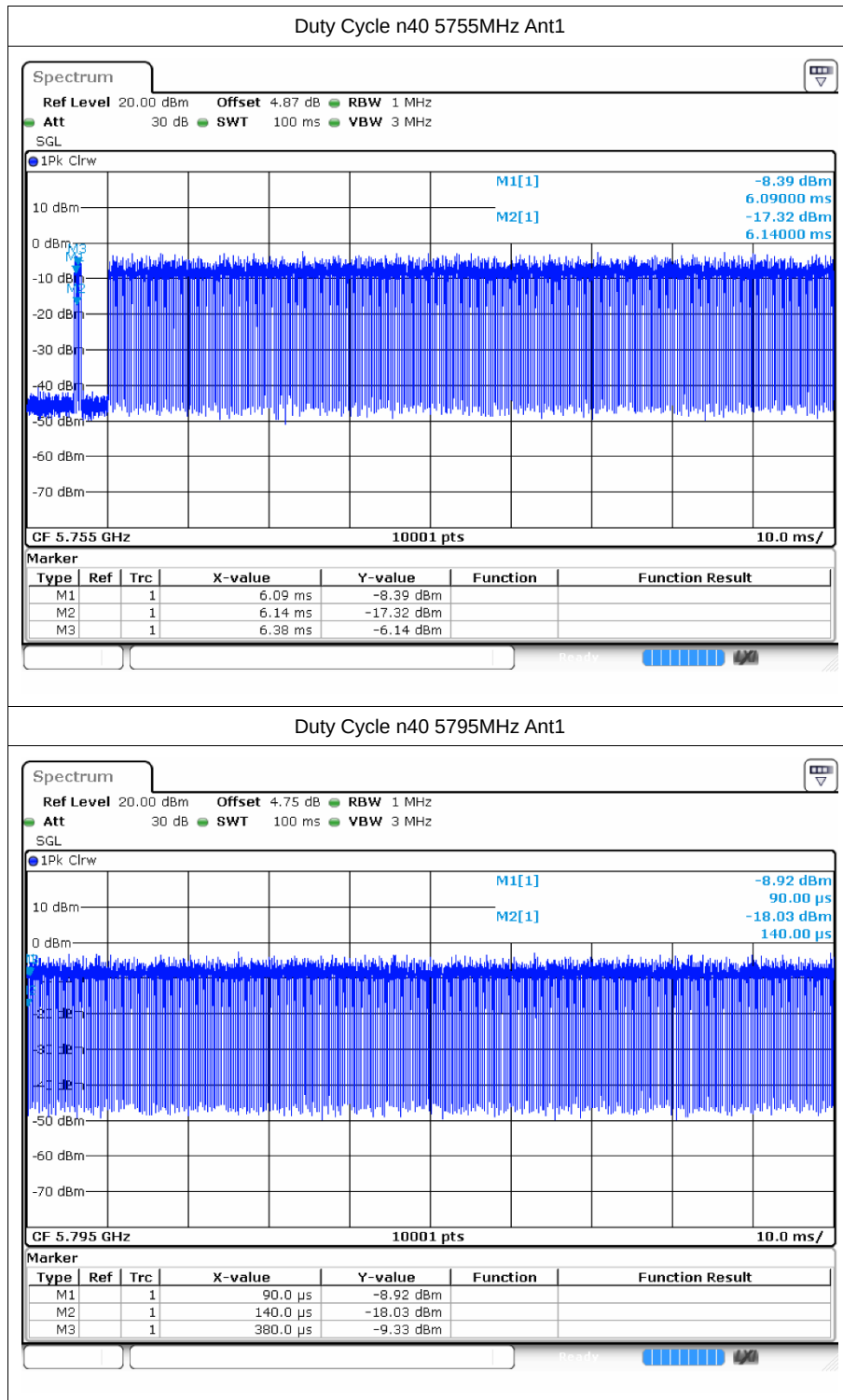
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5745	Ant1	86.98	0.61	4.76
a	5785	Ant1	86.97	0.61	4.76
a	5825	Ant1	86.91	0.61	4.55
n20	5745	Ant1	87.61	0.57	4.35
n20	5785	Ant1	87.54	0.58	4.35
n20	5825	Ant1	87.58	0.58	4.17
n40	5755	Ant1	79.93	0.97	4.17
n40	5795	Ant1	88.06	0.55	4.17
ac20	5745	Ant1	87.22	0.59	4.35
ac20	5785	Ant1	87.24	0.59	4.55
ac20	5825	Ant1	87.19	0.6	4.35
ac40	5755	Ant1	87.07	0.6	4.55
ac40	5795	Ant1	87.04	0.6	4.55
ac80	5775	Ant1	87.34	0.59	4.55

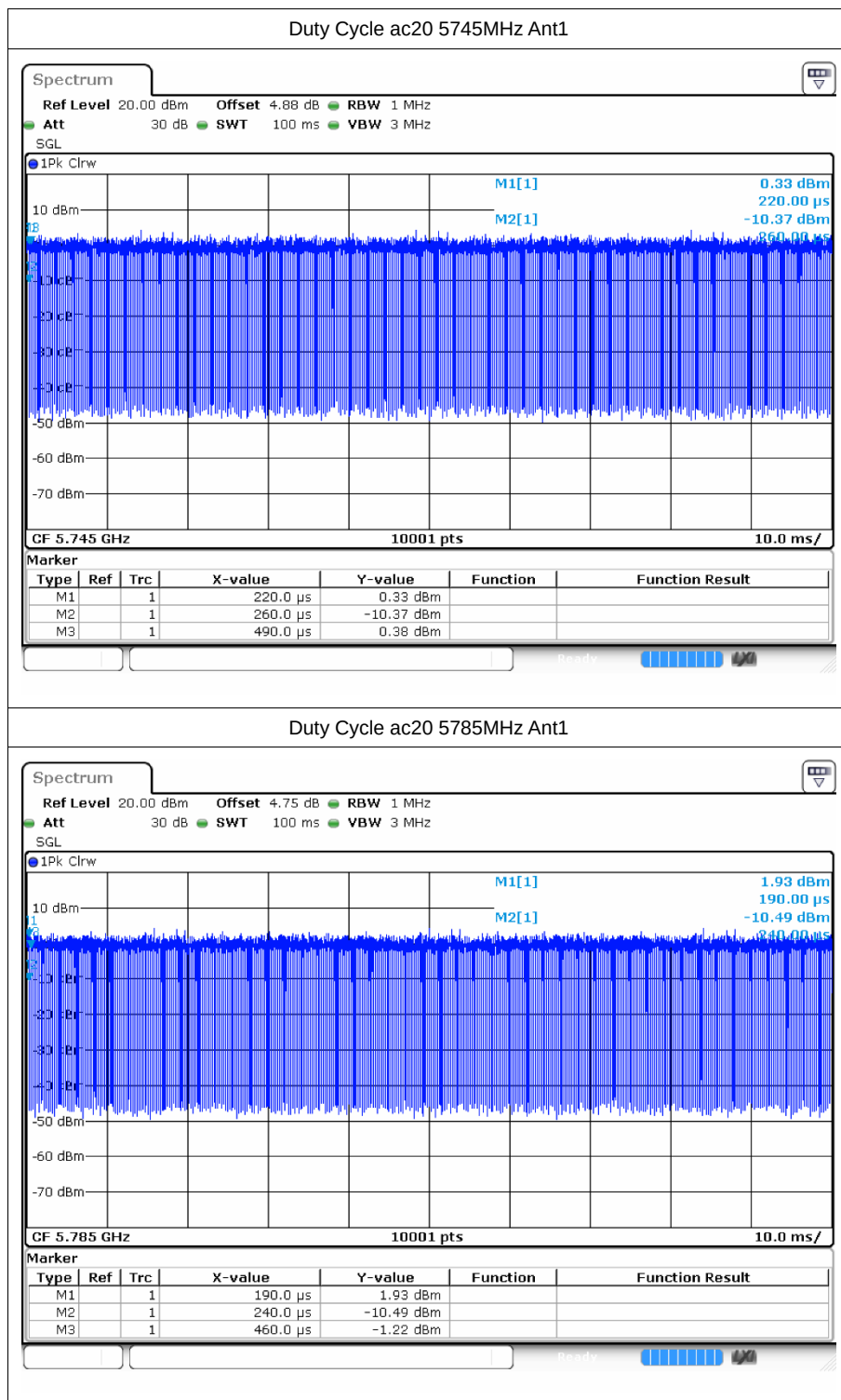
1.2 Test Graphs

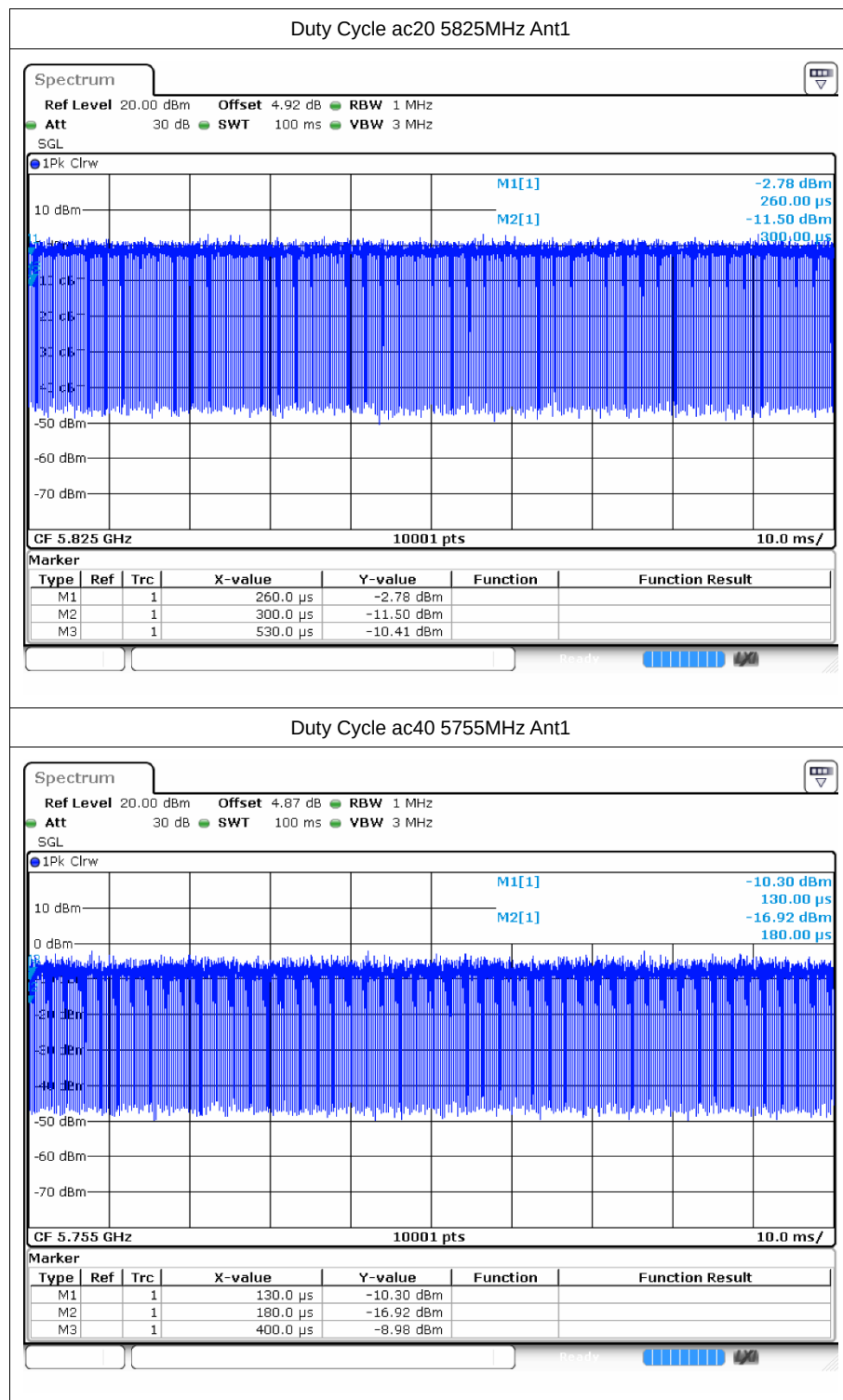


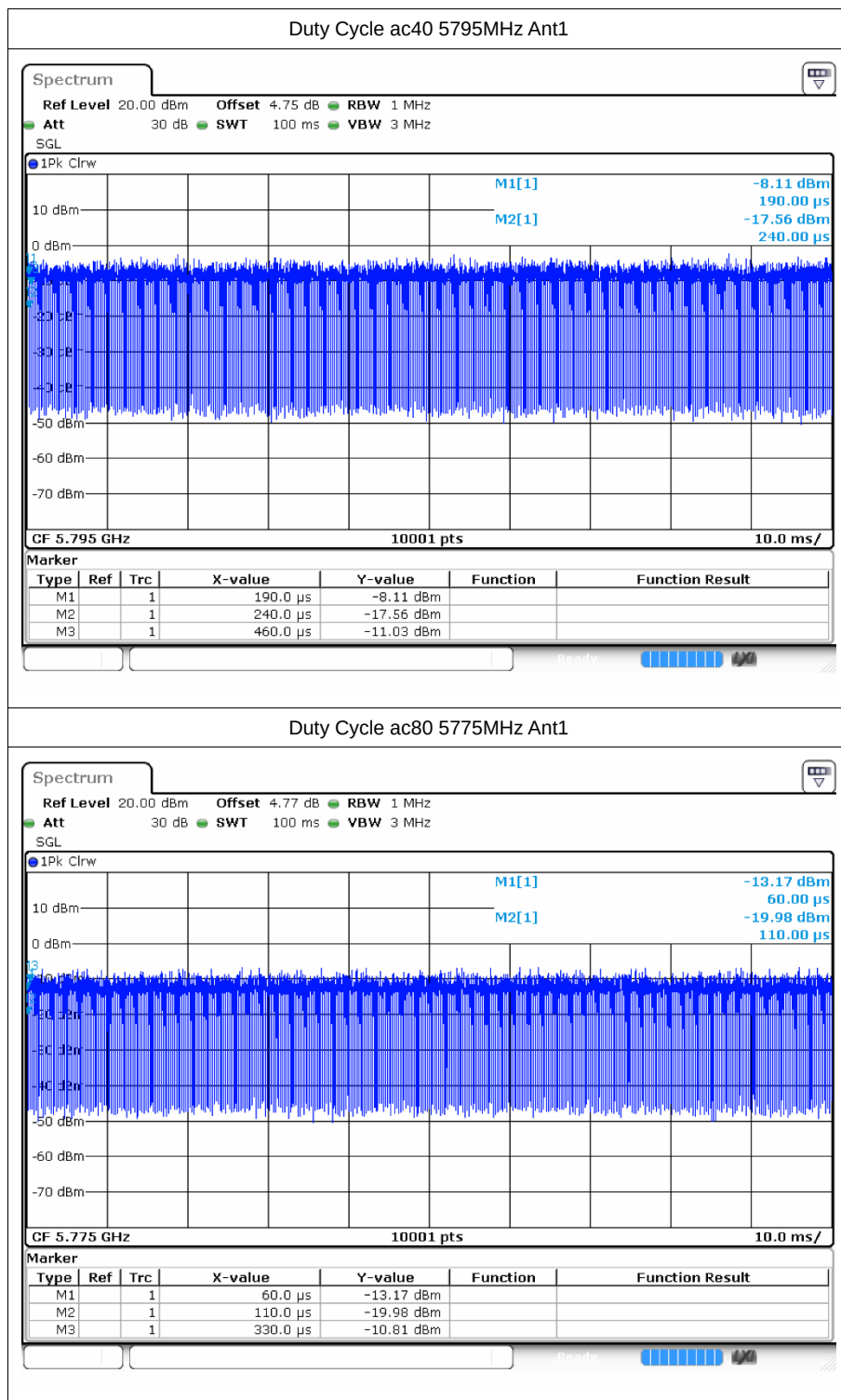














2 Maximum Conducted Output Power

2.1 Test Result

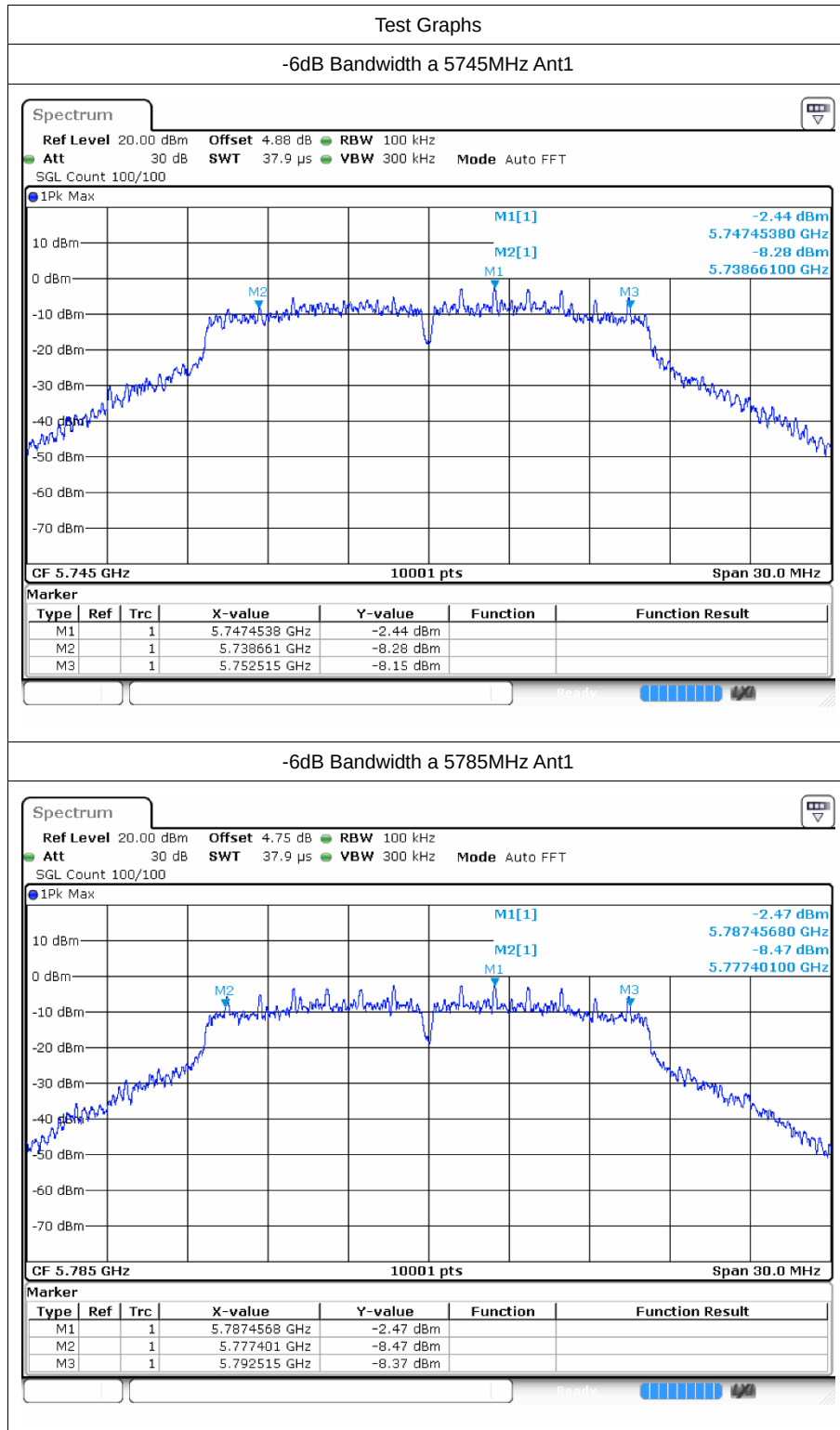
Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	10.68	0.61	10.68	30	Pass
a	5785	Ant1	10.71	0.61	11.32	30	Pass
a	5825	Ant1	9.58	0.61	10.19	30	Pass
n20	5745	Ant1	10.2	0.57	10.81	30	Pass
n20	5785	Ant1	10.34	0.58	10.91	30	Pass
n20	5825	Ant1	9.23	0.58	9.81	30	Pass
n40	5755	Ant1	9.27	0.97	9.85	30	Pass
n40	5795	Ant1	9.02	0.55	9.99	30	Pass
ac20	5745	Ant1	10.31	0.59	10.86	30	Pass
ac20	5785	Ant1	10.31	0.59	10.9	30	Pass
ac20	5825	Ant1	9.21	0.6	9.8	30	Pass
ac40	5755	Ant1	9.39	0.6	9.99	30	Pass
ac40	5795	Ant1	9	0.6	9.6	30	Pass
ac80	5775	Ant1	8.03	0.59	8.63	30	Pass

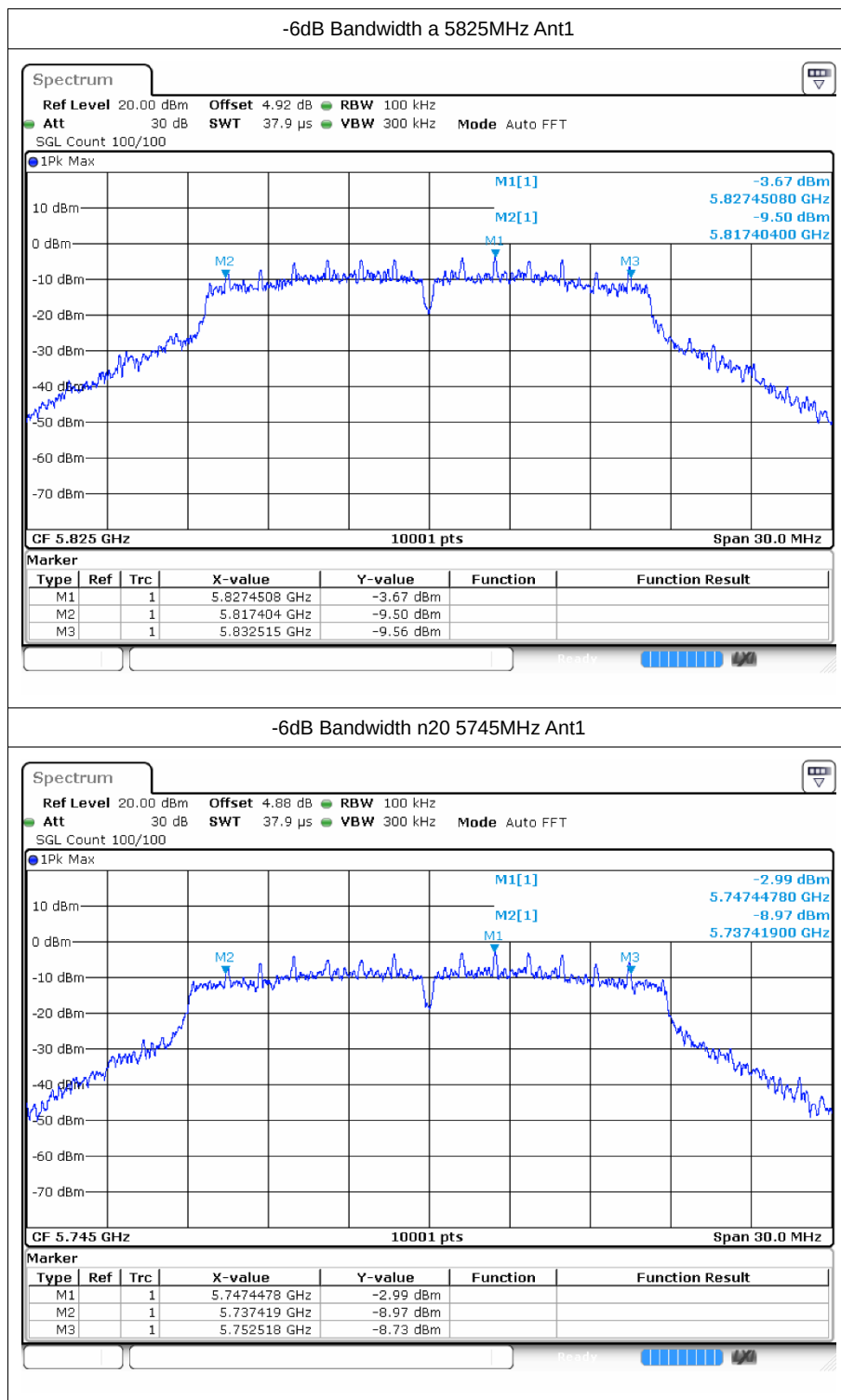
3 -6dB Bandwidth

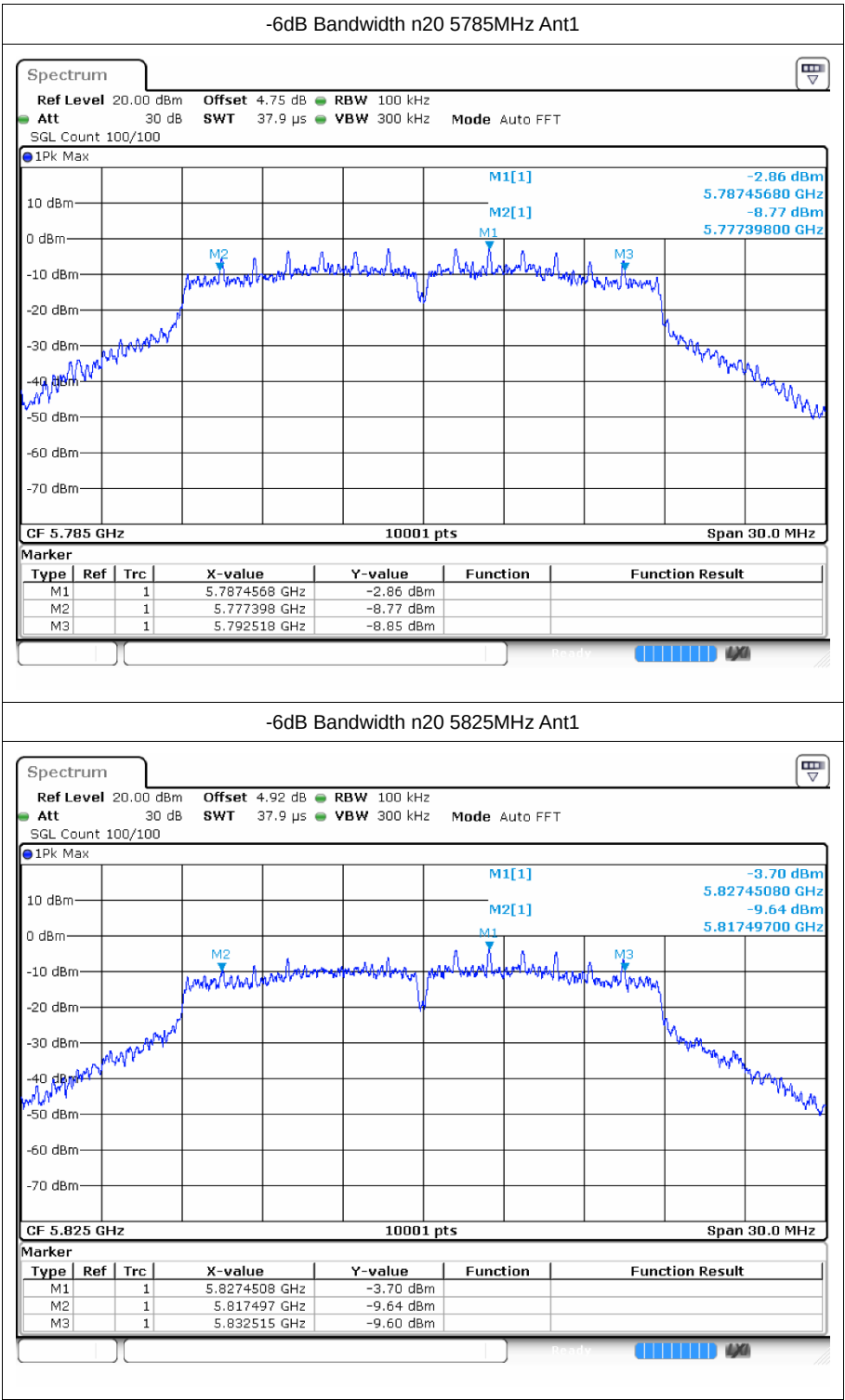
3.1 Test Result

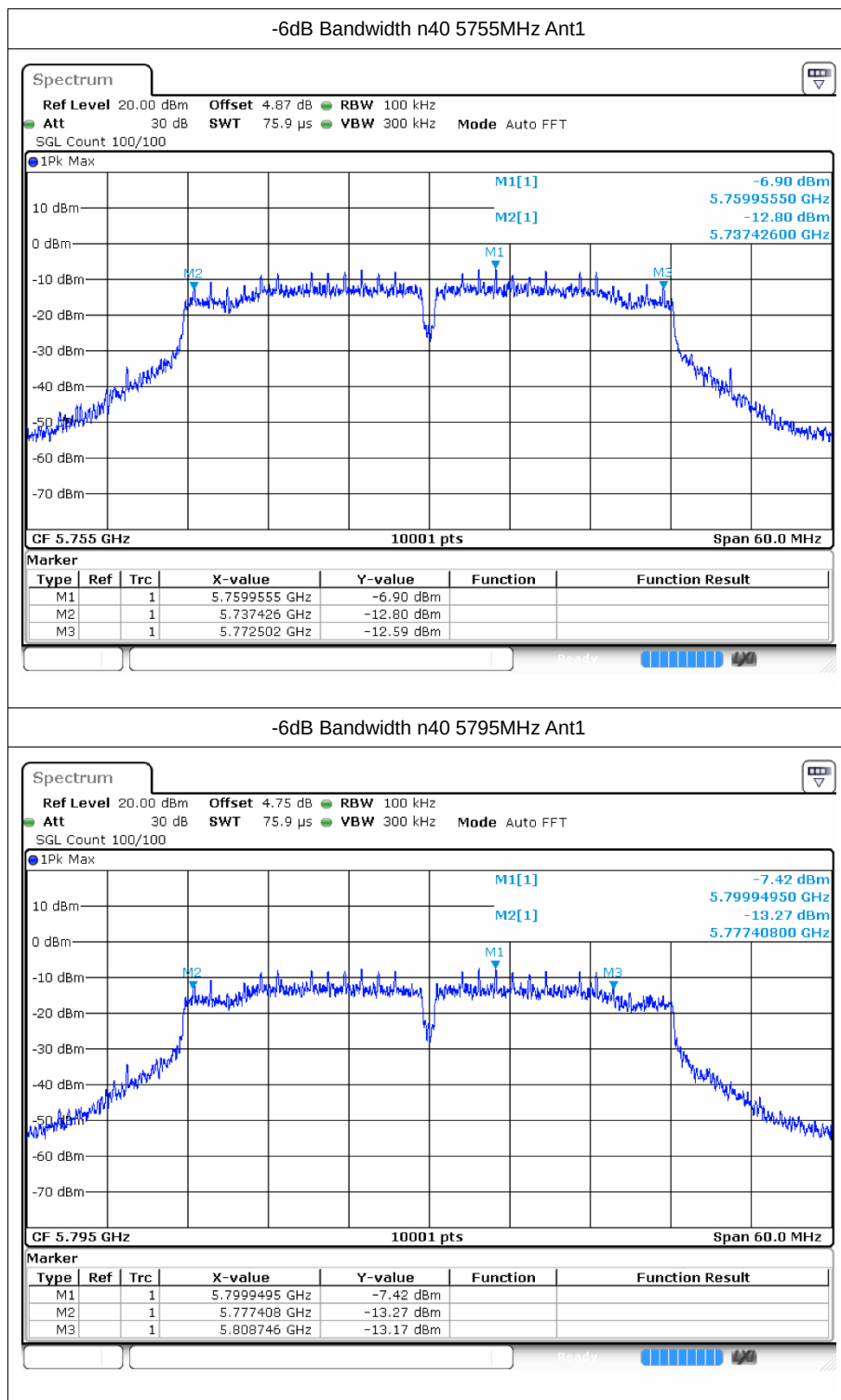
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant1	13.854	0.5	Pass
a	5785	Ant1	15.114	0.5	Pass
a	5825	Ant1	15.111	0.5	Pass
n20	5745	Ant1	15.099	0.5	Pass
n20	5785	Ant1	15.12	0.5	Pass
n20	5825	Ant1	15.018	0.5	Pass
n40	5755	Ant1	35.076	0.5	Pass
n40	5795	Ant1	31.338	0.5	Pass
ac20	5745	Ant1	15.111	0.5	Pass
ac20	5785	Ant1	15.009	0.5	Pass
ac20	5825	Ant1	15.111	0.5	Pass
ac40	5755	Ant1	35.064	0.5	Pass
ac40	5795	Ant1	35.064	0.5	Pass
ac80	5775	Ant1	70.056	0.5	Pass

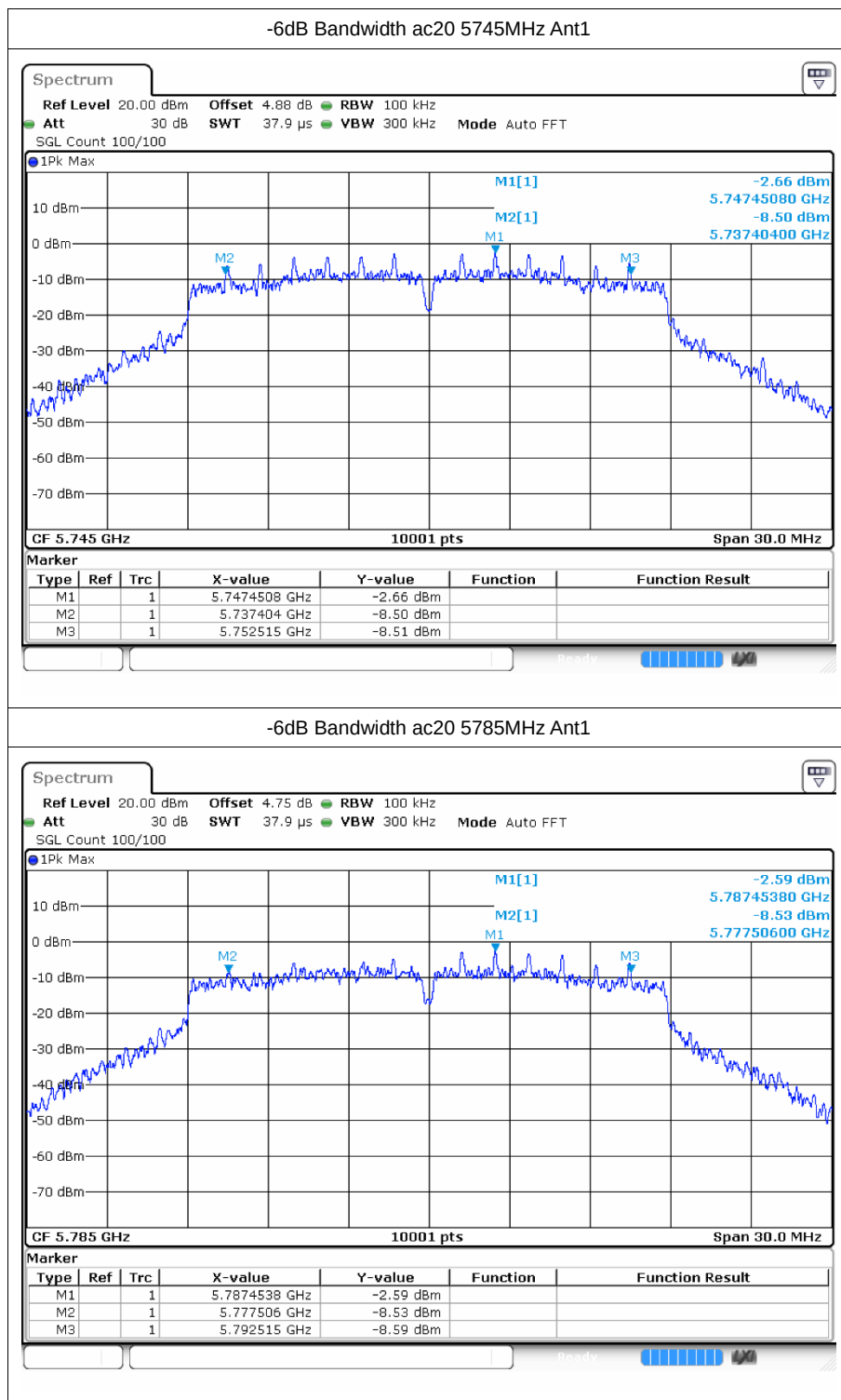
3.2 Test Graphs

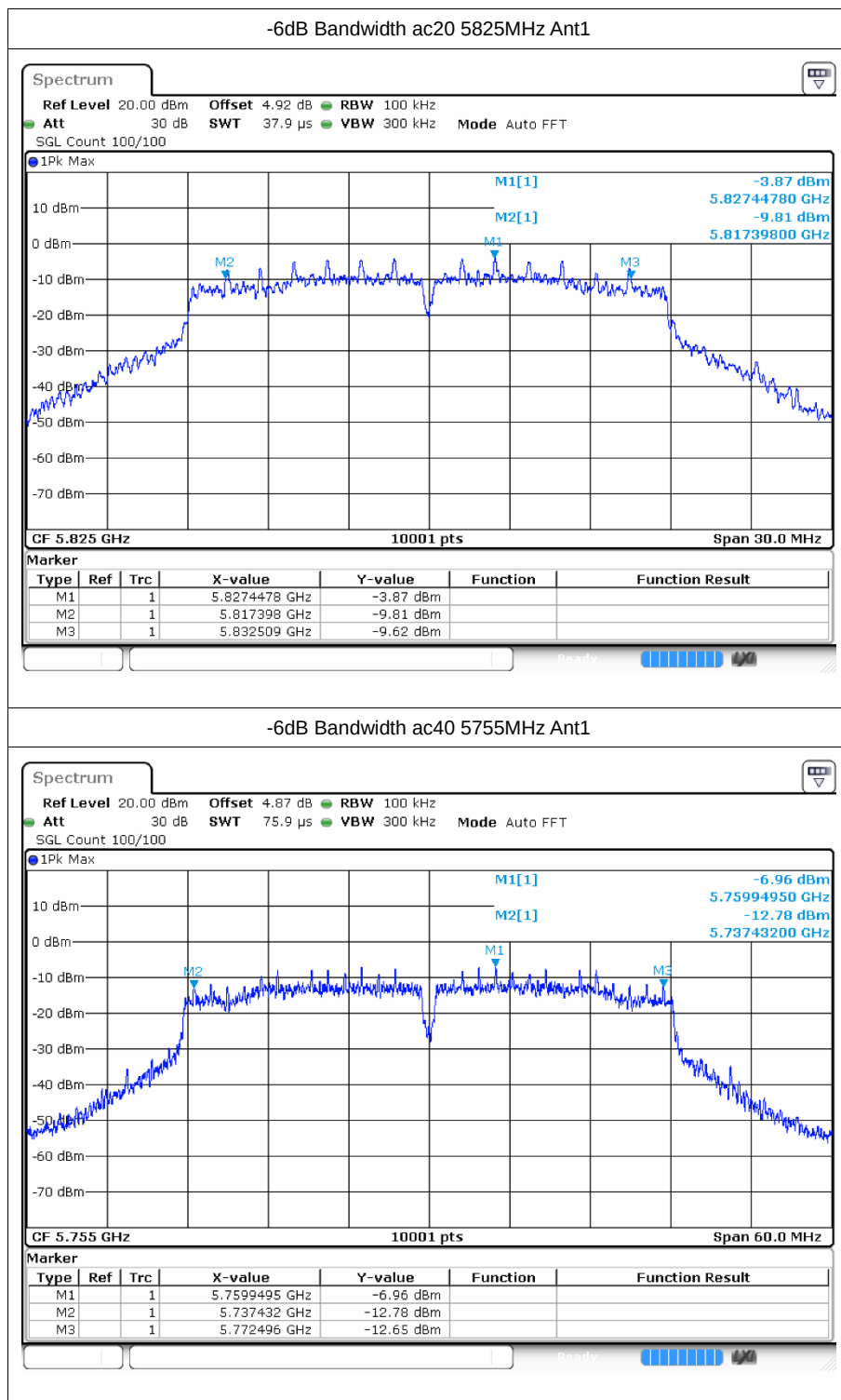


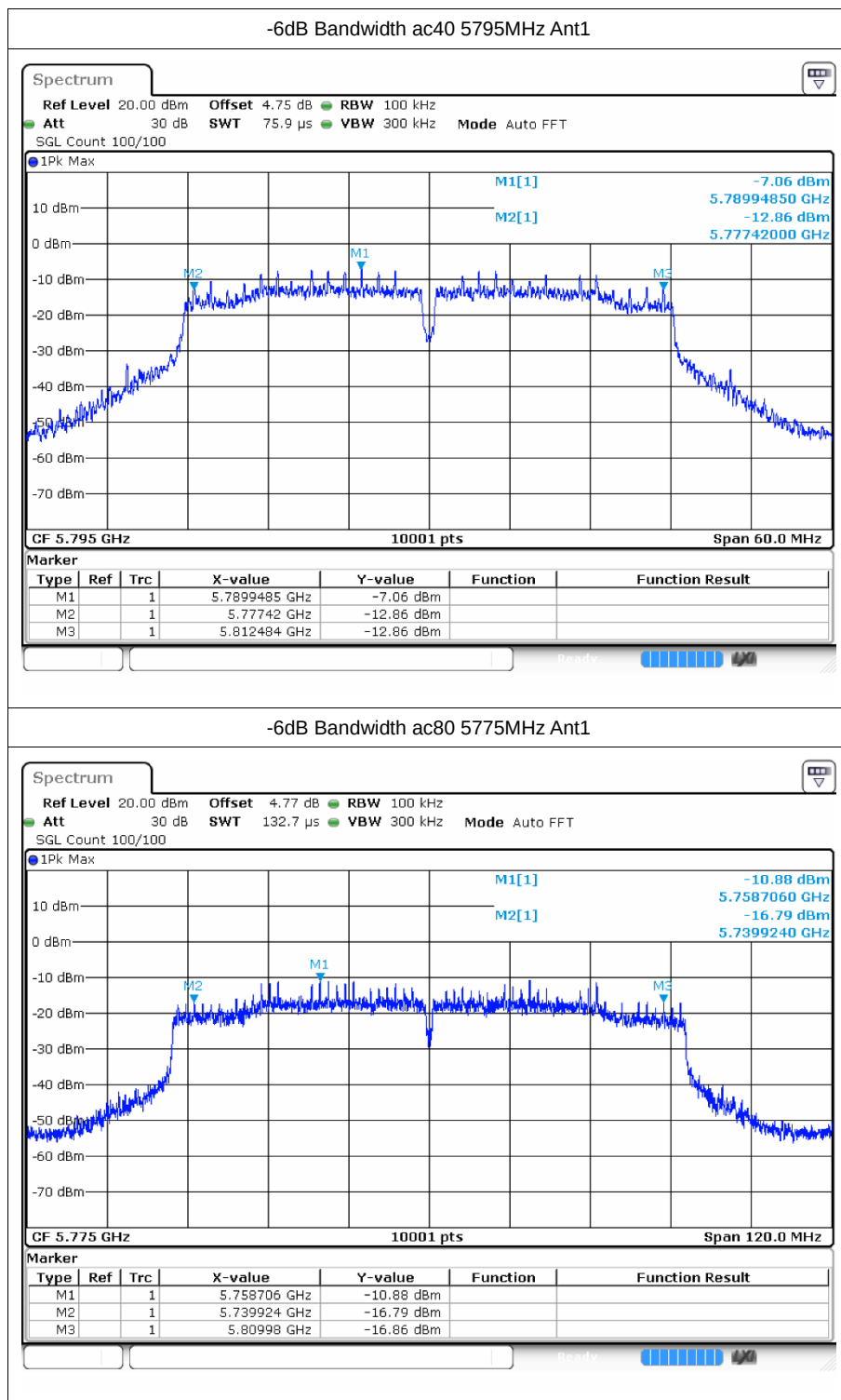












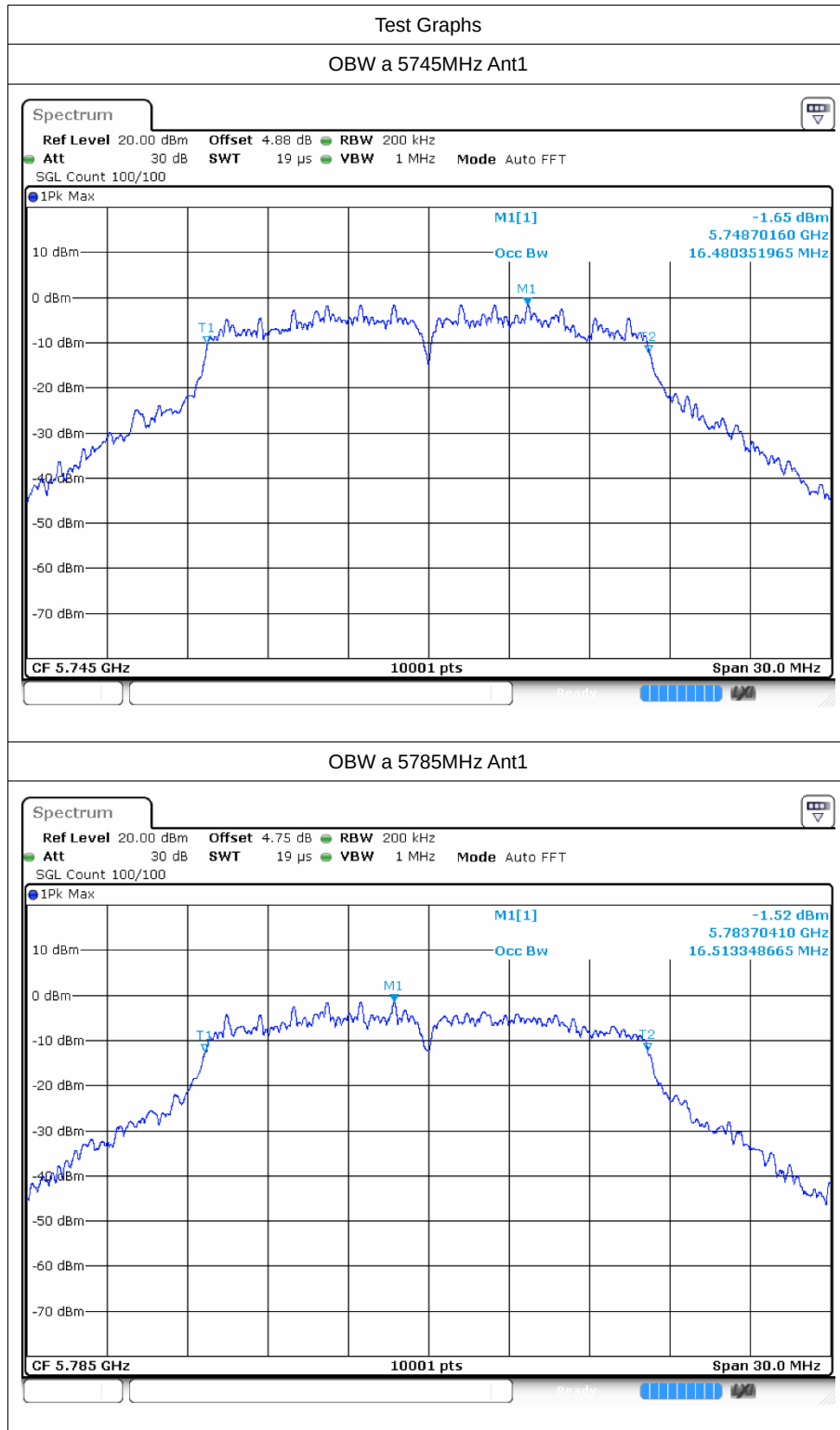


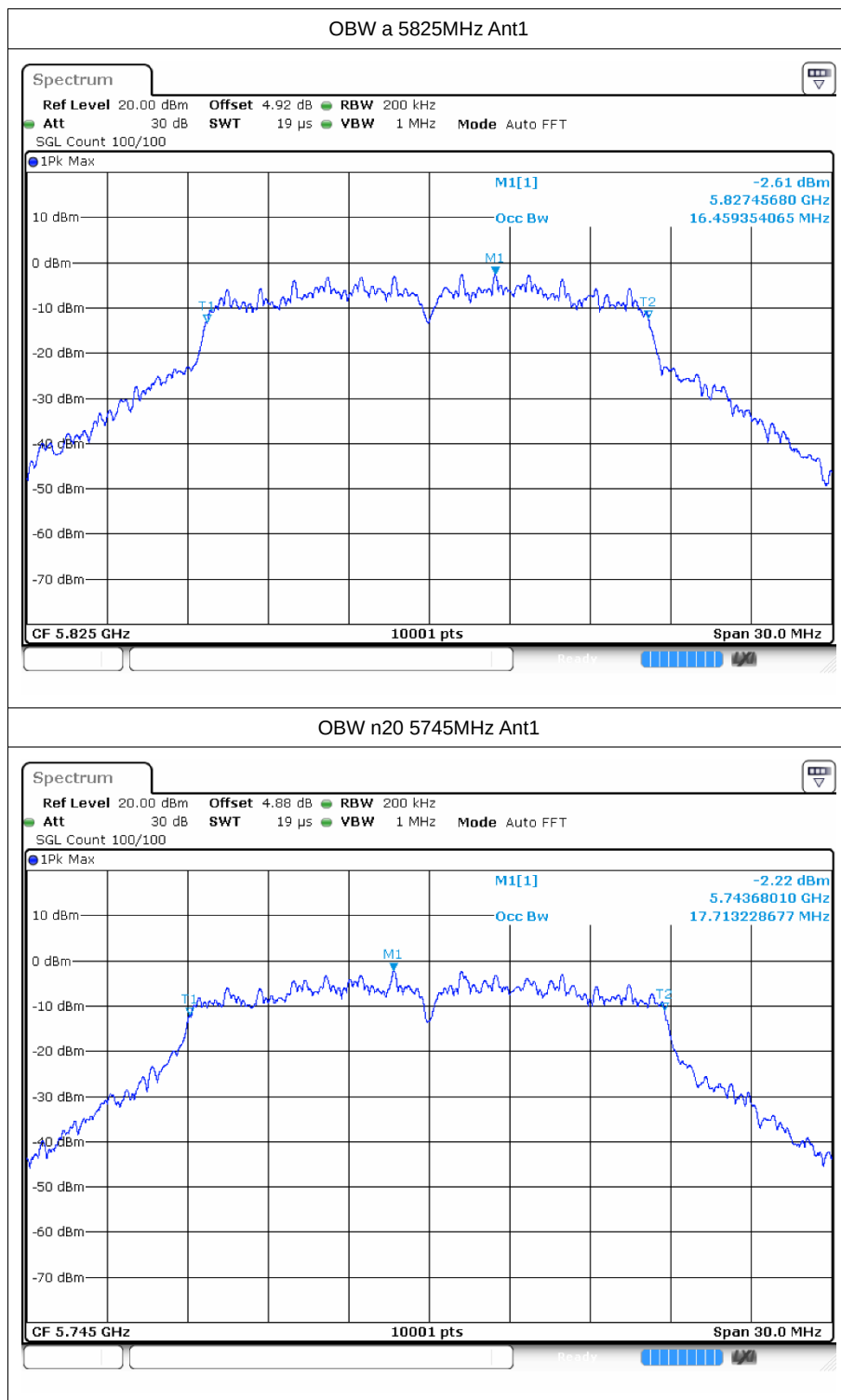
4 Occupied Channel Bandwidth

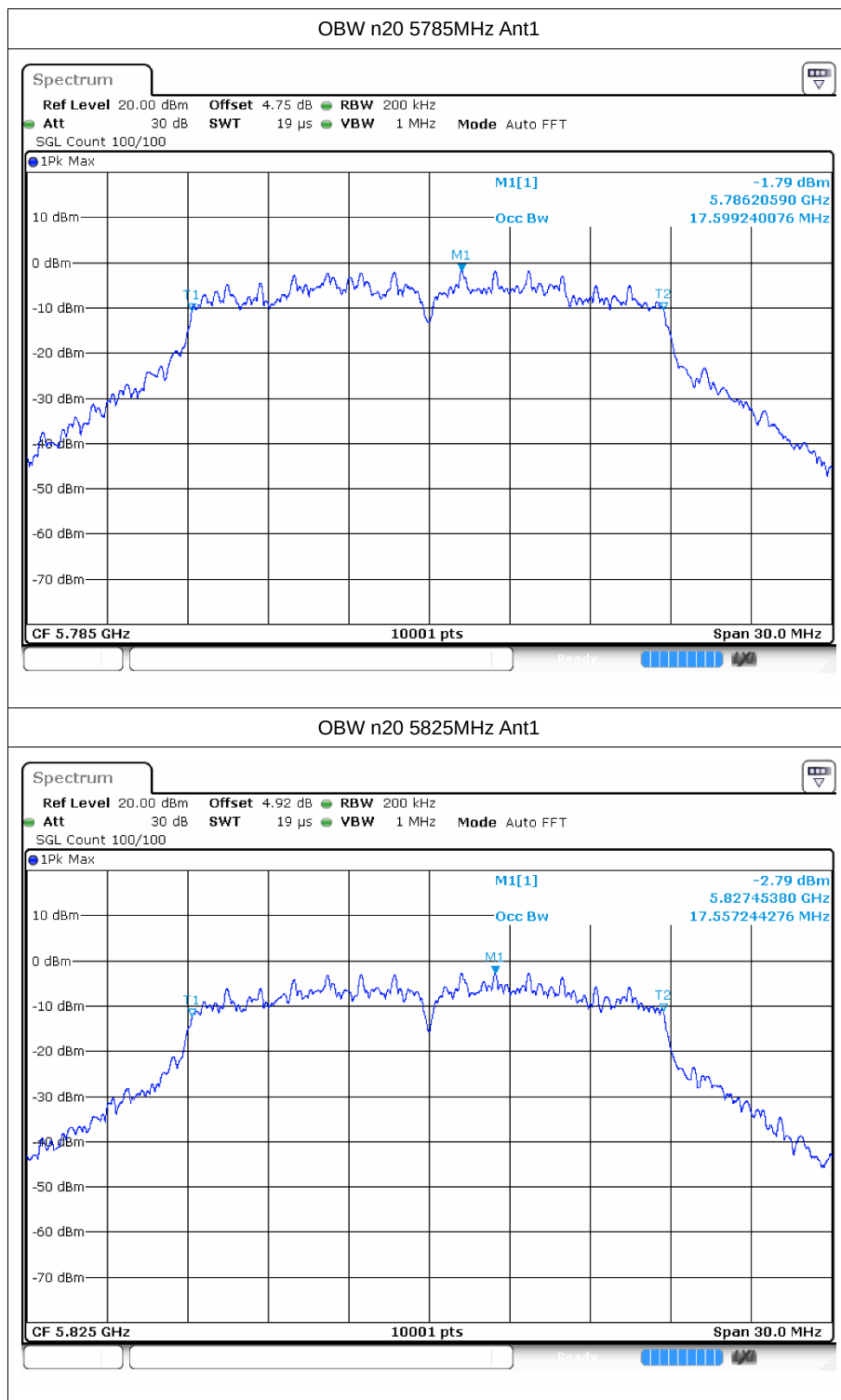
4.1 Test Result

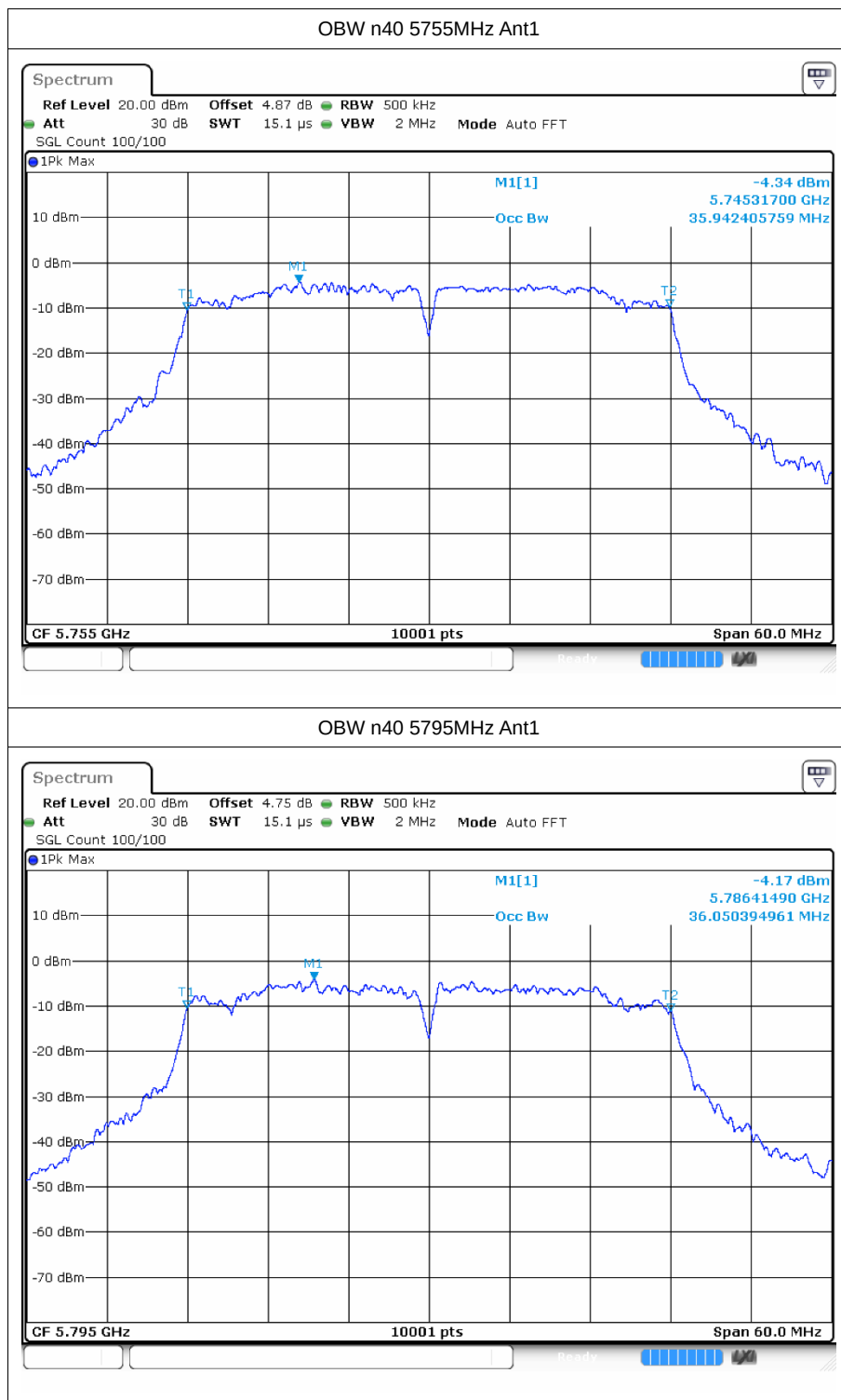
Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5745	Ant1	16.48
a	5785	Ant1	16.513
a	5825	Ant1	16.459
n20	5745	Ant1	17.713
n20	5785	Ant1	17.599
n20	5825	Ant1	17.557
n40	5755	Ant1	35.942
n40	5795	Ant1	36.05
ac20	5745	Ant1	17.608
ac20	5785	Ant1	17.581
ac20	5825	Ant1	17.605
ac40	5755	Ant1	36.008
ac40	5795	Ant1	36.014
ac80	5775	Ant1	74.825

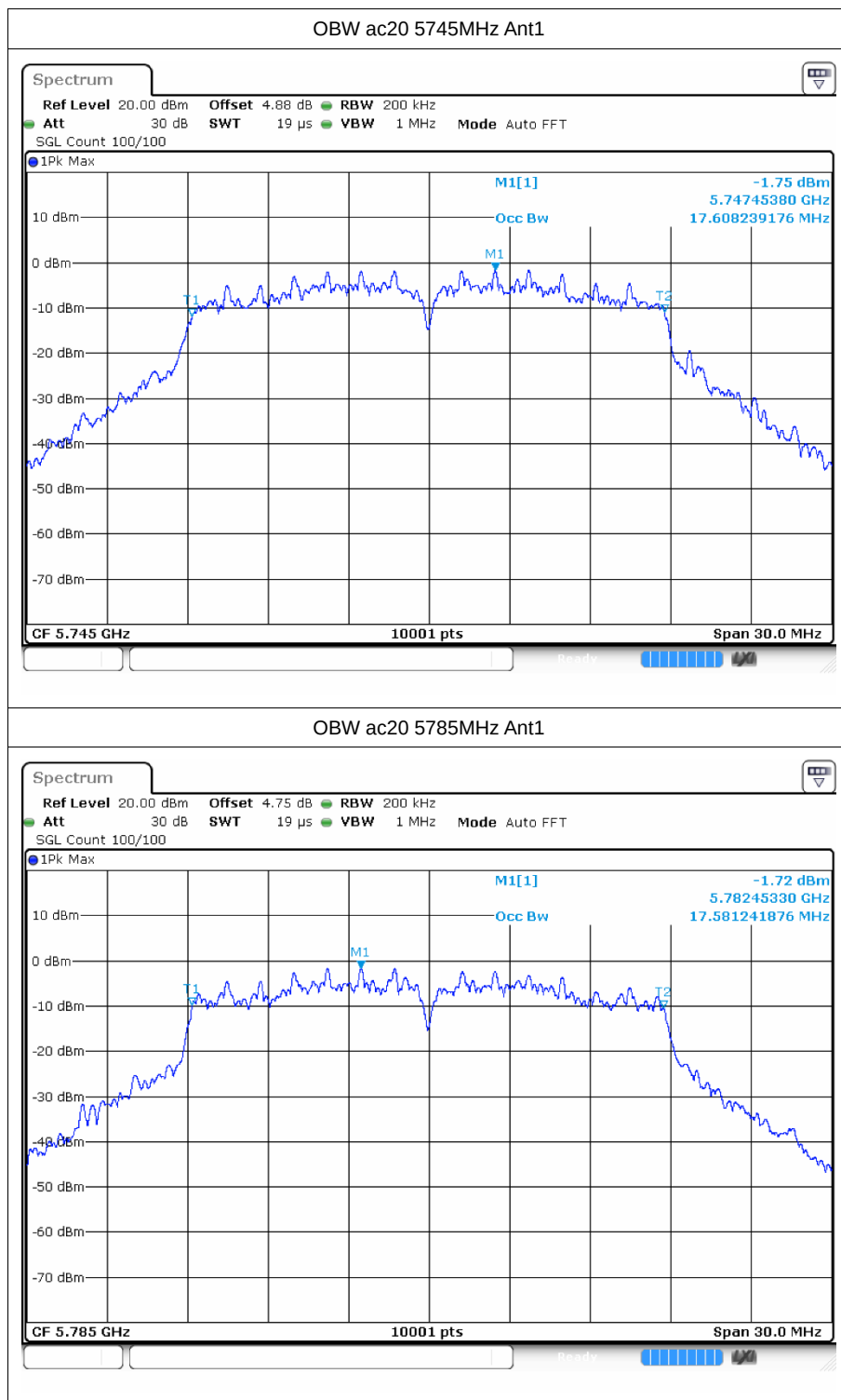
4.2 Test Graphs

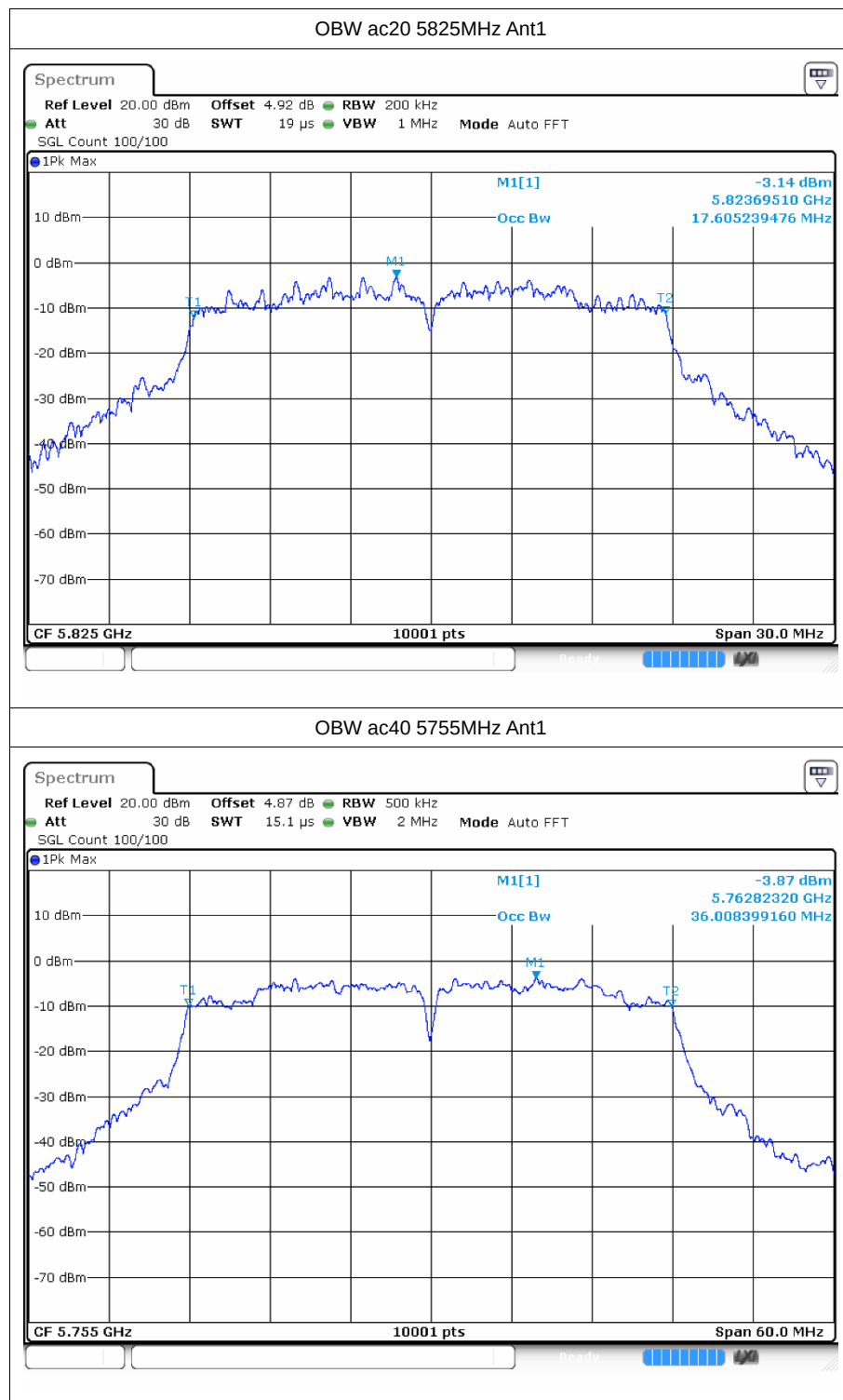


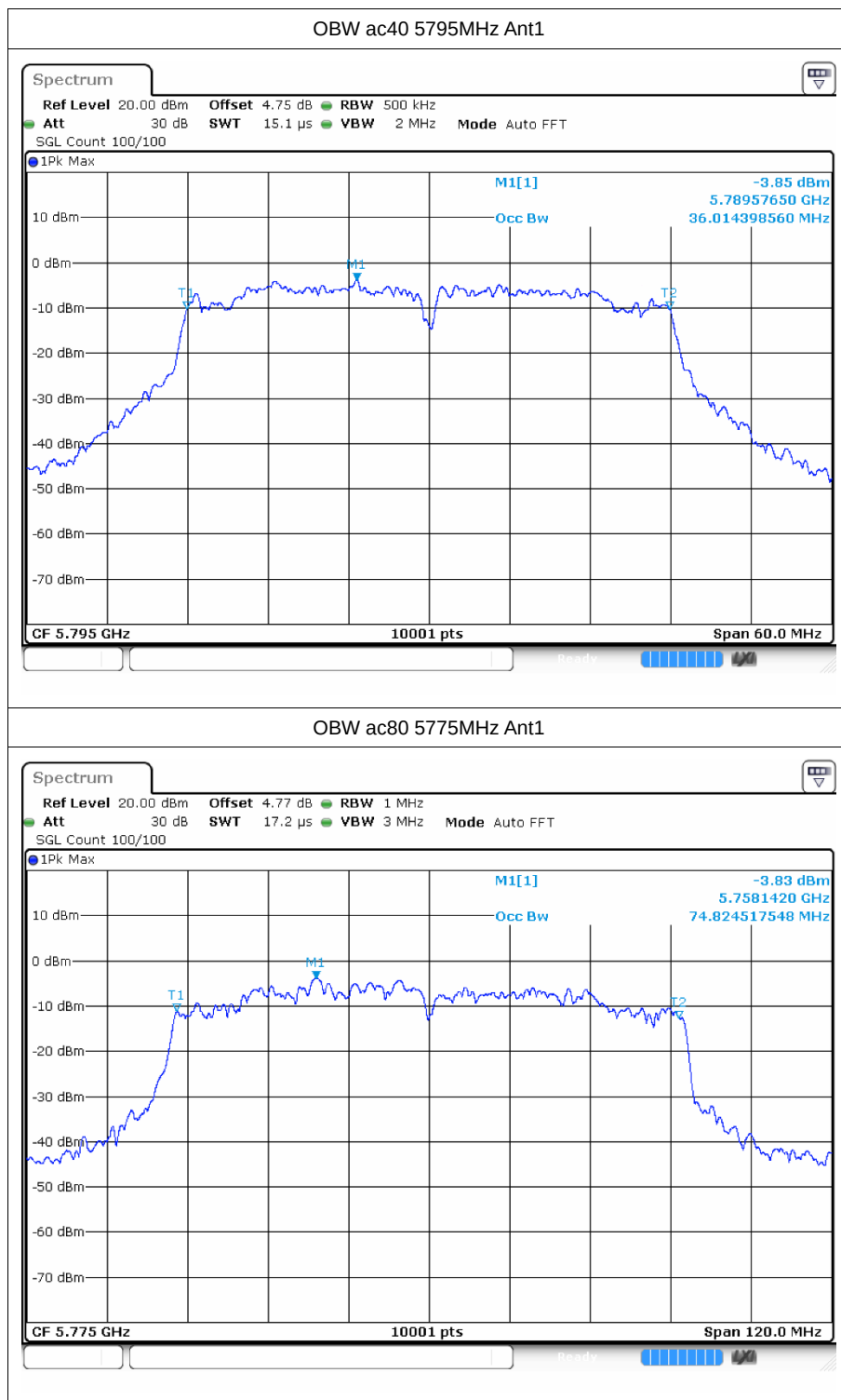












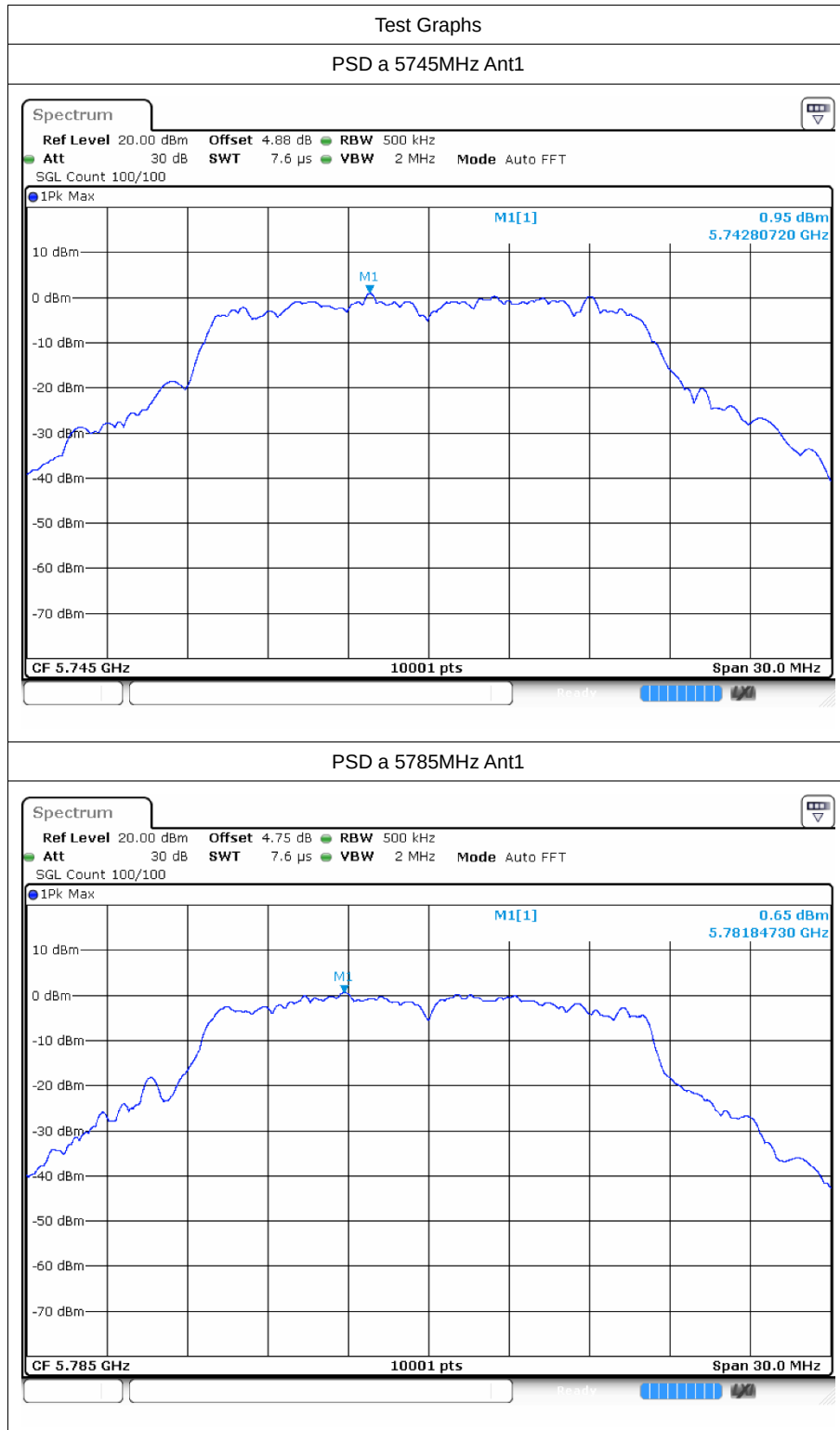


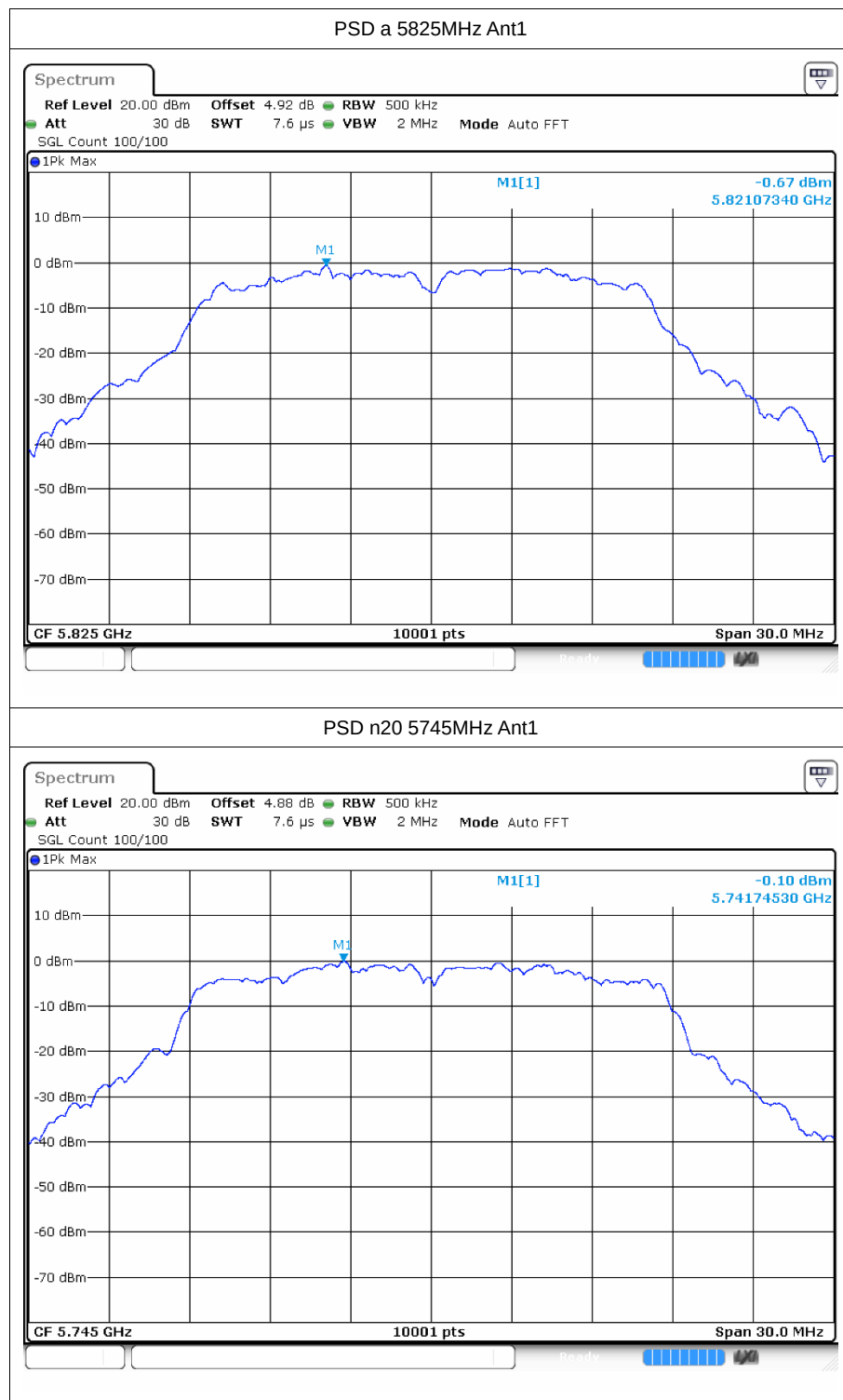
5 Maximum Power Spectral Density Level

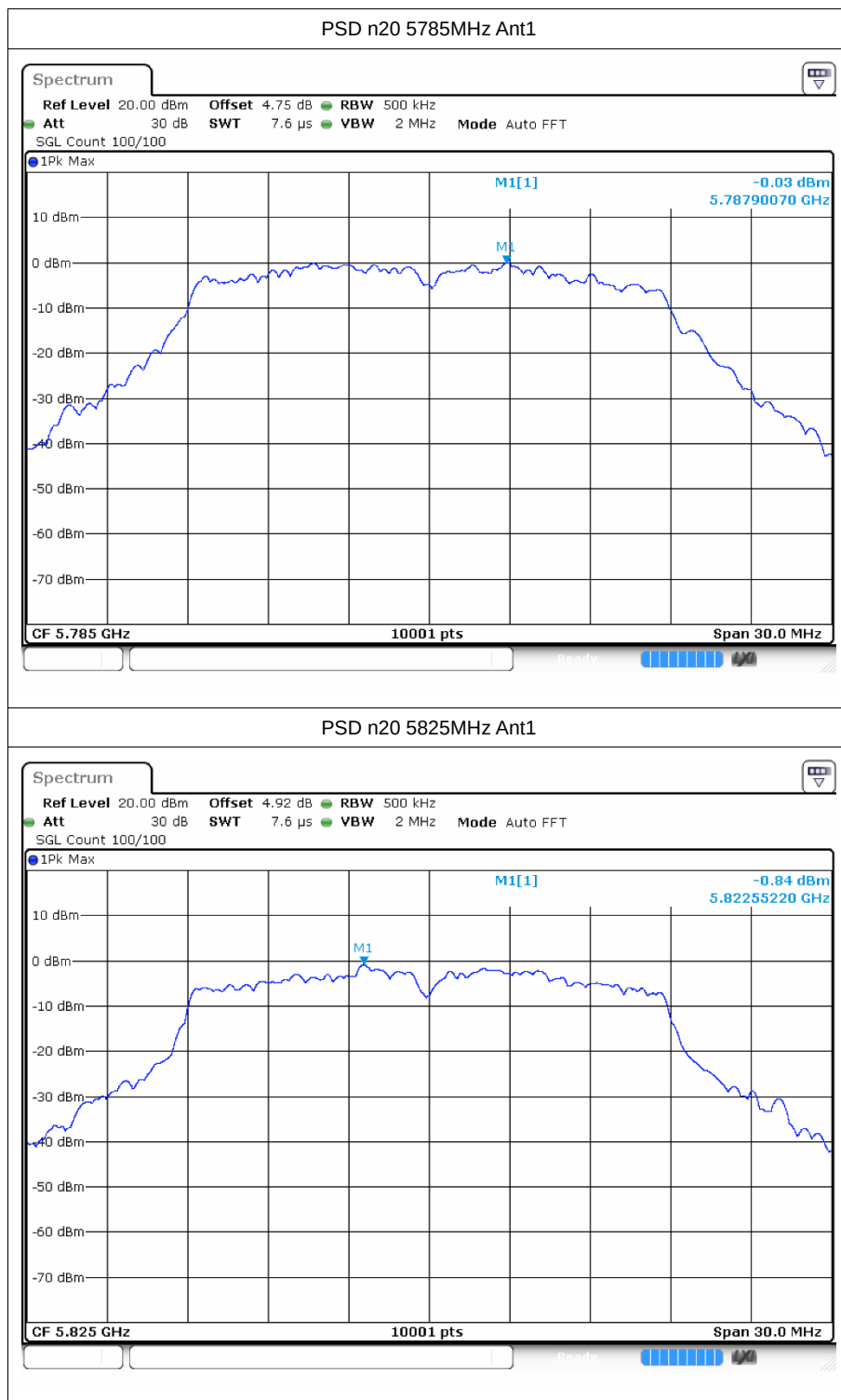
5.1 Test Result

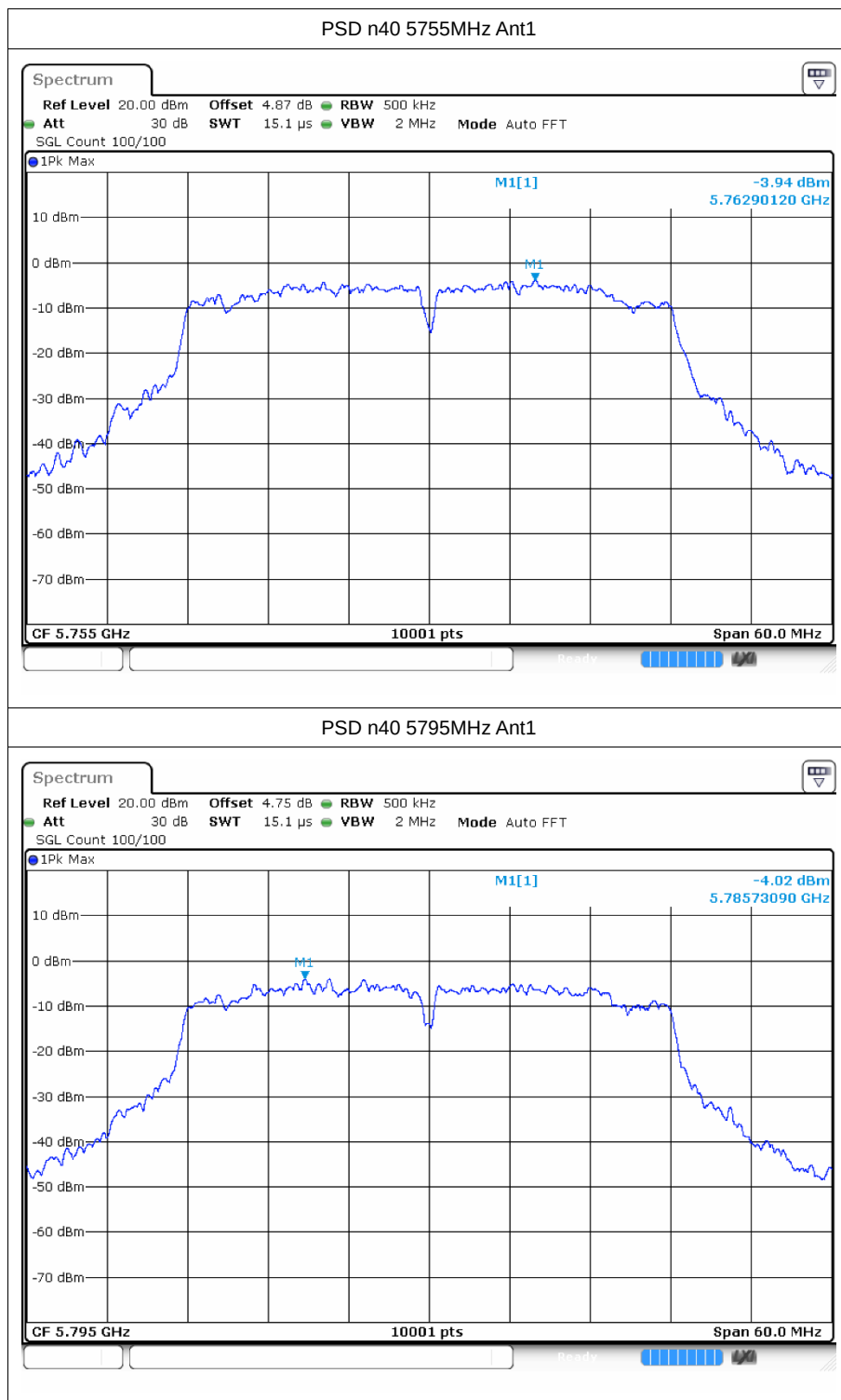
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	0.95	0.61	0.95	30	Pass
a	5785	Ant1	0.65	0.61	1.26	30	Pass
a	5825	Ant1	-0.67	0.61	-0.06	30	Pass
n20	5745	Ant1	-0.1	0.57	0.51	30	Pass
n20	5785	Ant1	-0.03	0.58	0.54	30	Pass
n20	5825	Ant1	-0.84	0.58	-0.26	30	Pass
n40	5755	Ant1	-3.94	0.97	-3.36	30	Pass
n40	5795	Ant1	-4.02	0.55	-3.05	30	Pass
ac20	5745	Ant1	0.29	0.59	0.84	30	Pass
ac20	5785	Ant1	0.14	0.59	0.73	30	Pass
ac20	5825	Ant1	-0.86	0.6	-0.27	30	Pass
ac40	5755	Ant1	-3.88	0.6	-3.28	30	Pass
ac40	5795	Ant1	-4.03	0.6	-3.43	30	Pass
ac80	5775	Ant1	-8.57	0.59	-7.97	30	Pass

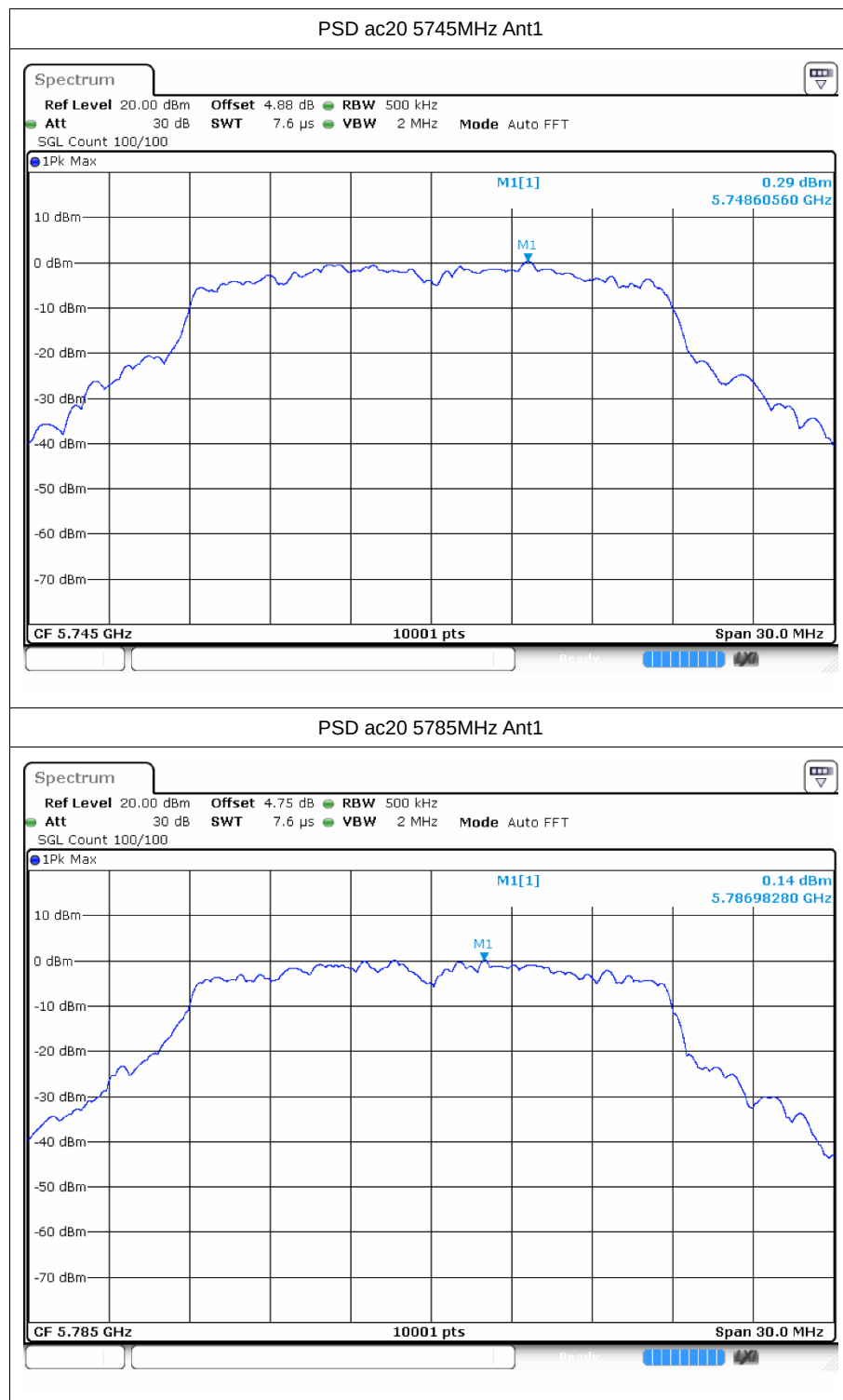
5.2 Test Graphs

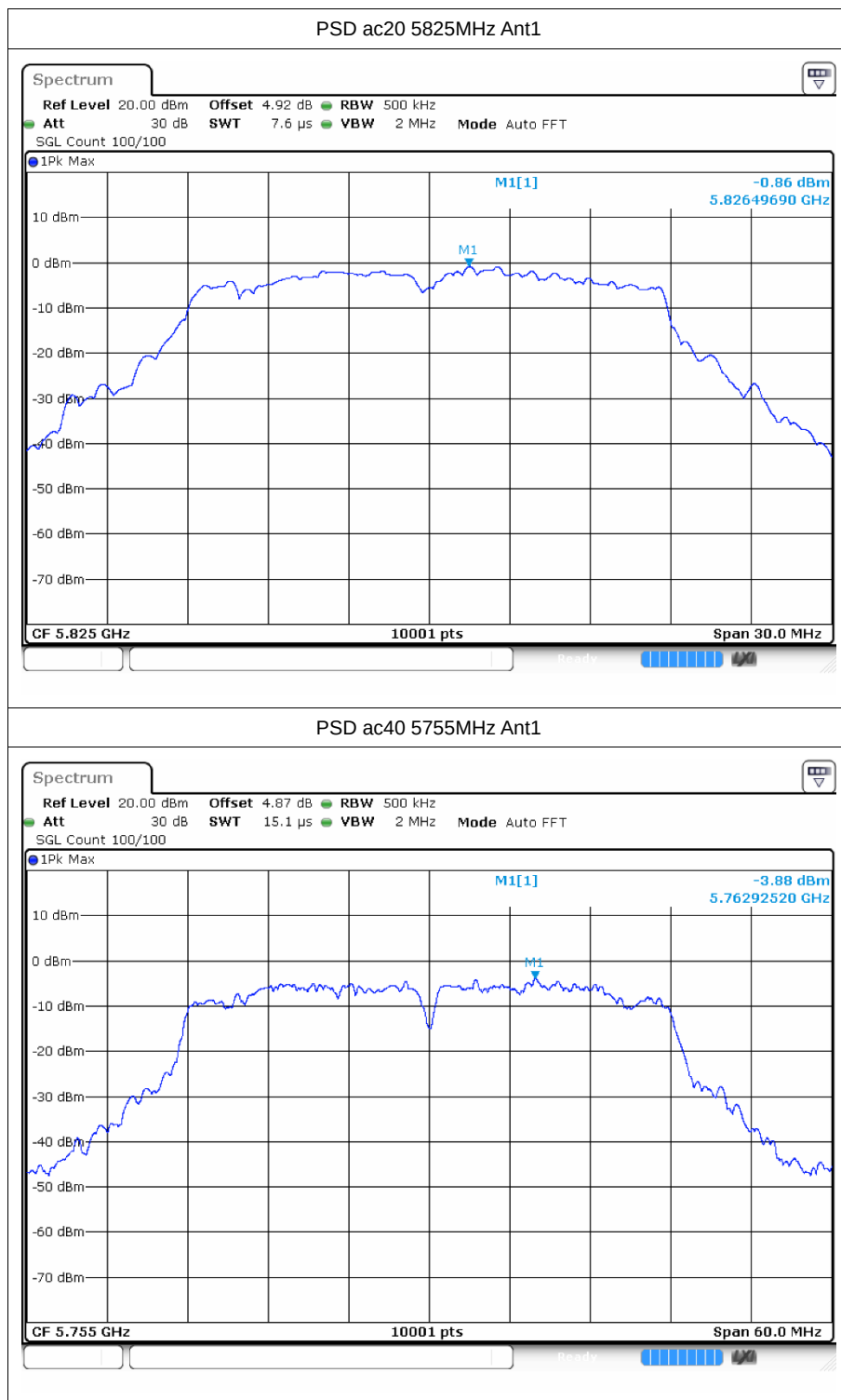


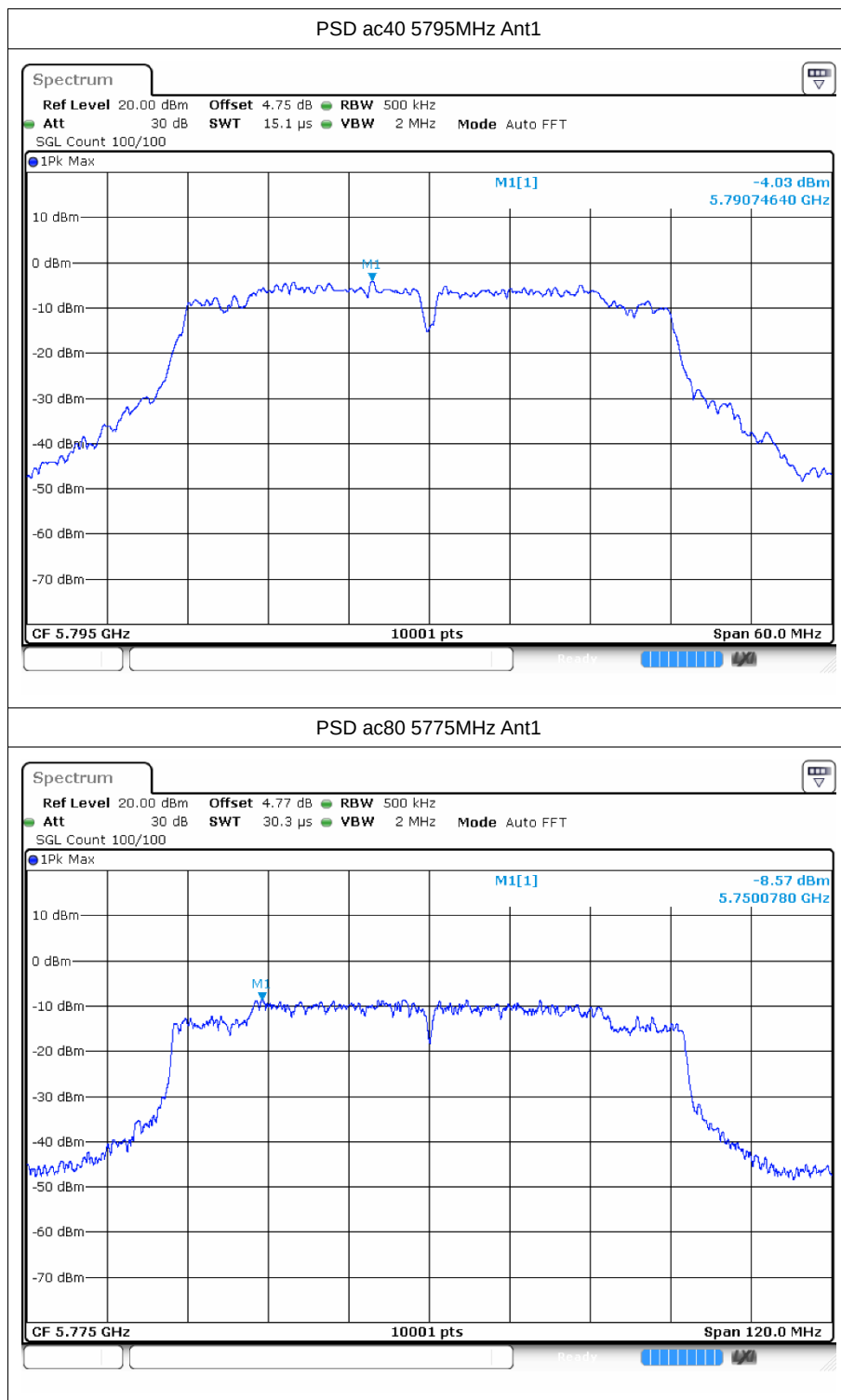














6 Frequency Stability

6.1 Test Result

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 138V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-20C 120V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-10C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
0C 120V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10C 120V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
30C 120V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40C 120V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
50C 120V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 102V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 138V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
-20C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
-10C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
0C 120V	a	5785	Ant1	5784.92	-80000	-13.83	25	Pass
10C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
30C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
40C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
50C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 102V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 138V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-20C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-10C 120V	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
0C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10C 120V	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
30C 120V	a	5825	Ant1	5824.92	-80000	-13.73	25	Pass
40C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
50C 120V	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 102V	n20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
20C 120V	n20	5745	Ant1	5745	0	0	25	Pass
20C 138V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
-20C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass



-10C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
0C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
30C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
50C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 102V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 138V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-20C 120V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
-10C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0C 120V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
10C 120V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
30C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
40C 120V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
50C 120V	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 102V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 120V	n20	5825	Ant1	5824.9	-100000	-17.17	25	Pass
20C 138V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-20C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-10C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
10C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
50C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 102V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-20C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-10C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	n40	5755	Ant1	5755	0	0	25	Pass
40C 120V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
50C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 102V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 138V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	n40	5795	Ant1	5795	0	0	25	Pass
-10C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
0C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass



30C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
40C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
50C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 102V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	ac20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
-20C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-10C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
30C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40C 120V	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
50C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 102V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 138V	ac20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
-20C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-10C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 120V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
30C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
40C 120V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
50C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 102V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 120V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 138V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-20C 120V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-10C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	ac20	5825	Ant1	5825	0	0	25	Pass
10C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
40C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
50C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 102V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-20C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-10C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
10C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40C 120V	ac40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
50C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass



20C 102V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 138V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	ac40	5795	Ant1	5794.88	-120000	-20.71	25	Pass
-10C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
0C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
30C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
40C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
50C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 102V	ac80	5775	Ant1	5774.04	-960000	-166.23	25	Pass
20C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
20C 138V	ac80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
-20C 120V	ac80	5775	Ant1	5775.16	160000	27.71	25	Pass
-10C 120V	ac80	5775	Ant1	5774.84	-160000	-27.71	25	Pass
0C 120V	ac80	5775	Ant1	5774.84	-160000	-27.71	25	Pass
10C 120V	ac80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
30C 120V	ac80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
40C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
50C 120V	ac80	5775	Ant1	5774.92	-80000	-13.85	25	Pass

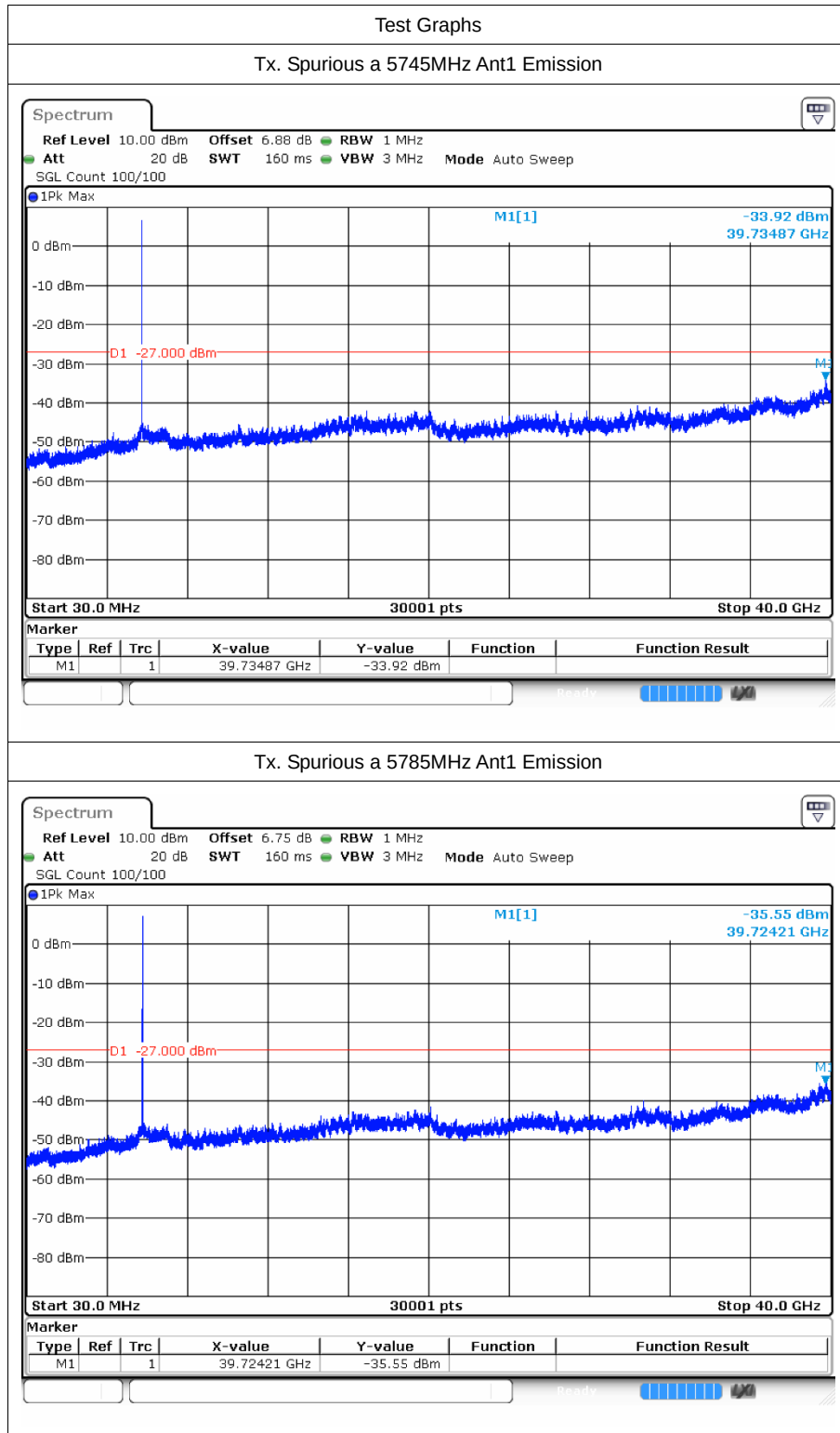


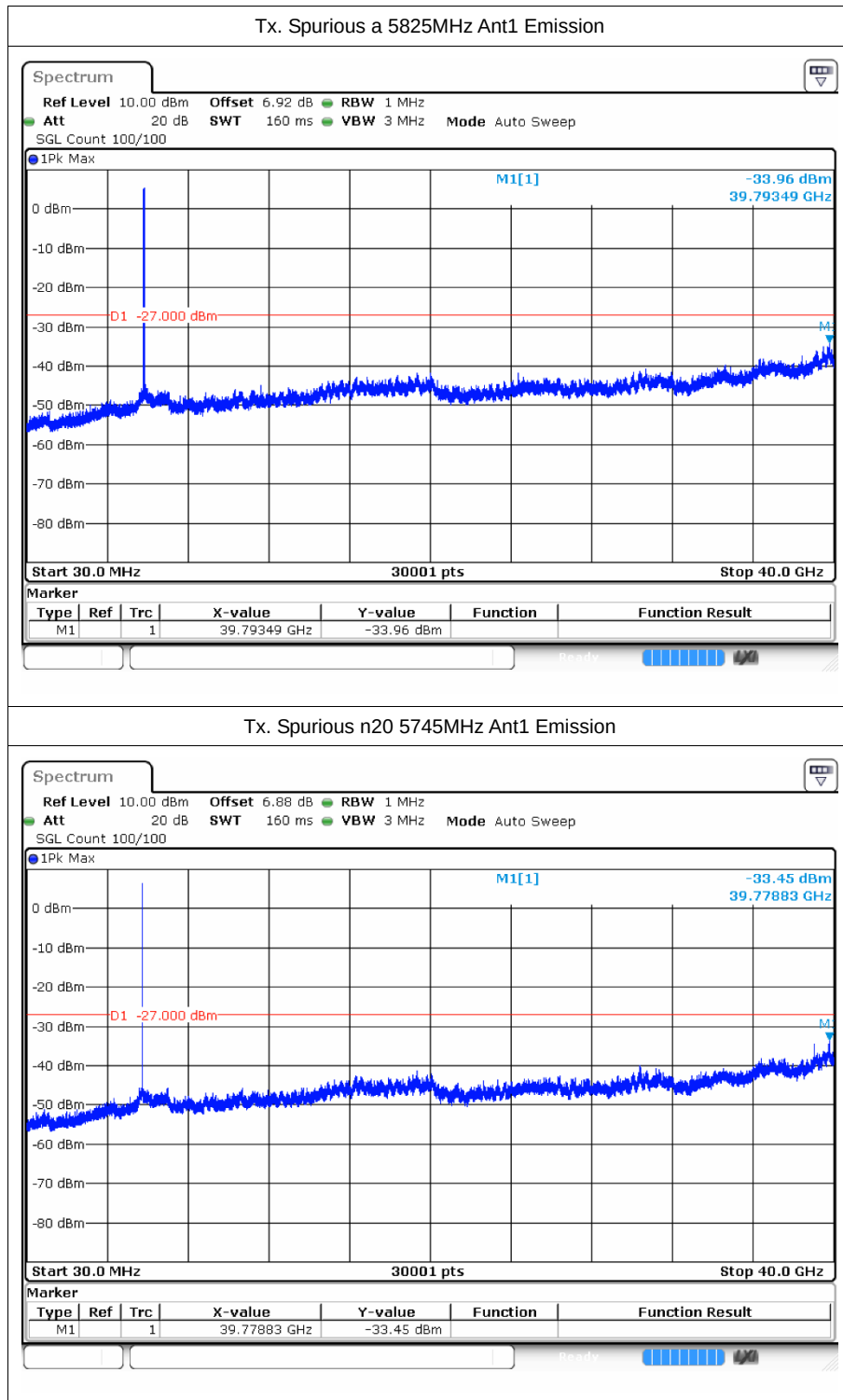
7 Conducted RF Spurious Emission

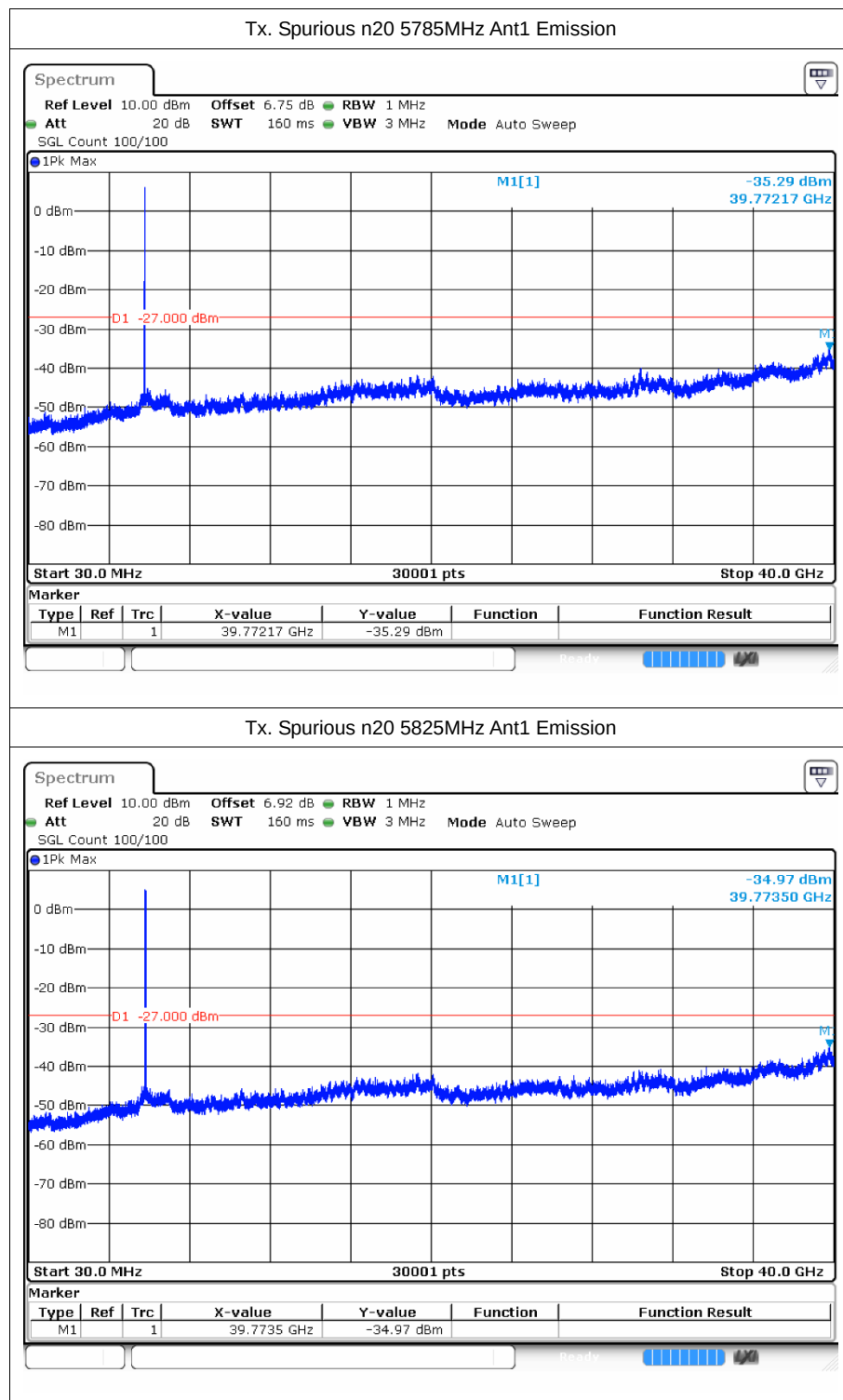
7.1 Test Result

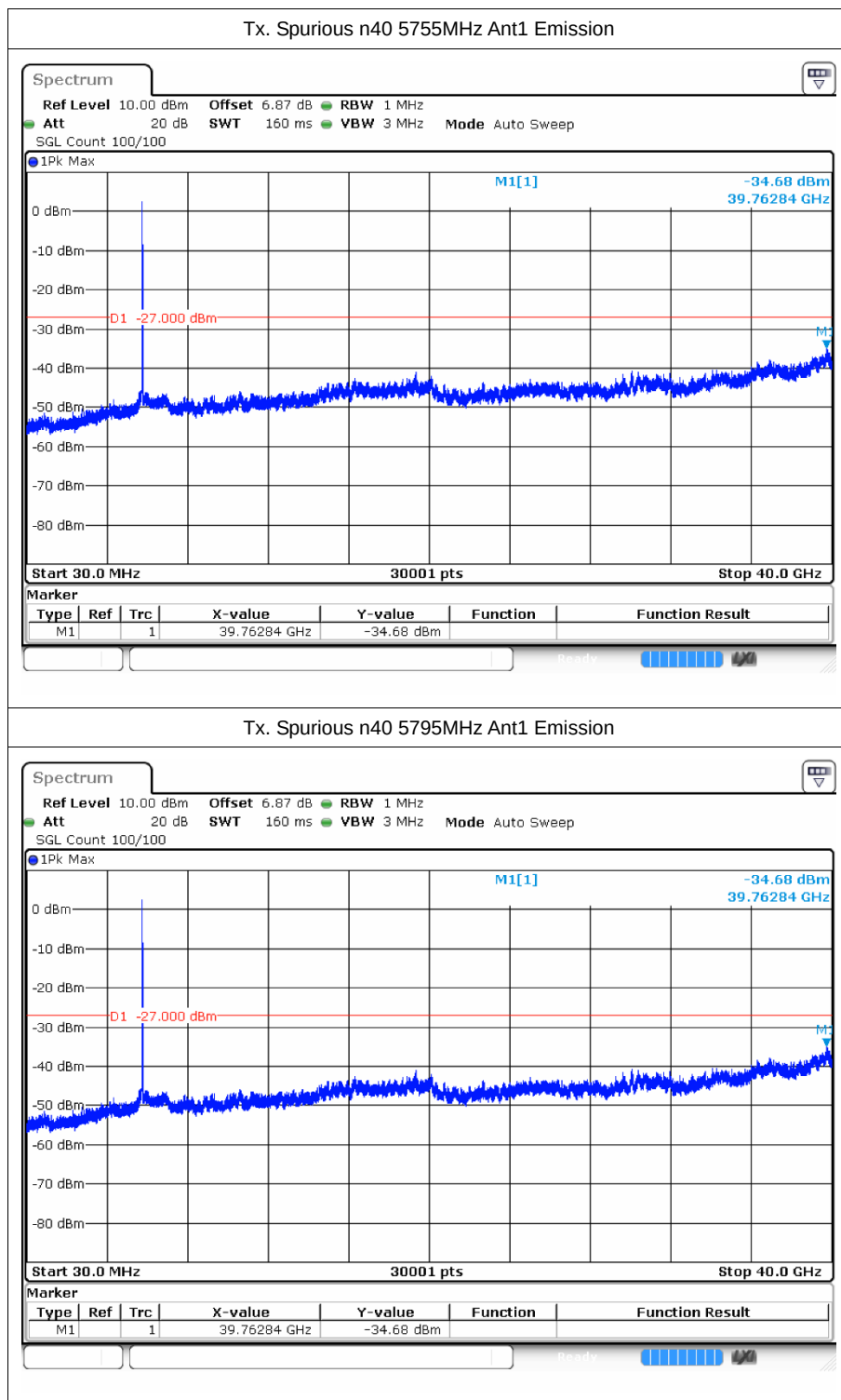
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
a	5745	Ant1	-33.92	-27	Pass
a	5785	Ant1	-35.54	-27	Pass
a	5825	Ant1	-33.96	-27	Pass
n20	5745	Ant1	-33.45	-27	Pass
n20	5785	Ant1	-35.29	-27	Pass
n20	5825	Ant1	-34.97	-27	Pass
n40	5755	Ant1	-34.67	-27	Pass
n40	5795	Ant1	-35.54	-27	Pass
ac20	5745	Ant1	-34.43	-27	Pass
ac20	5785	Ant1	-35.02	-27	Pass
ac20	5825	Ant1	-34.74	-27	Pass
ac40	5755	Ant1	-34.32	-27	Pass
ac40	5795	Ant1	-34.75	-27	Pass
ac80	5775	Ant1	-34.87	-27	Pass

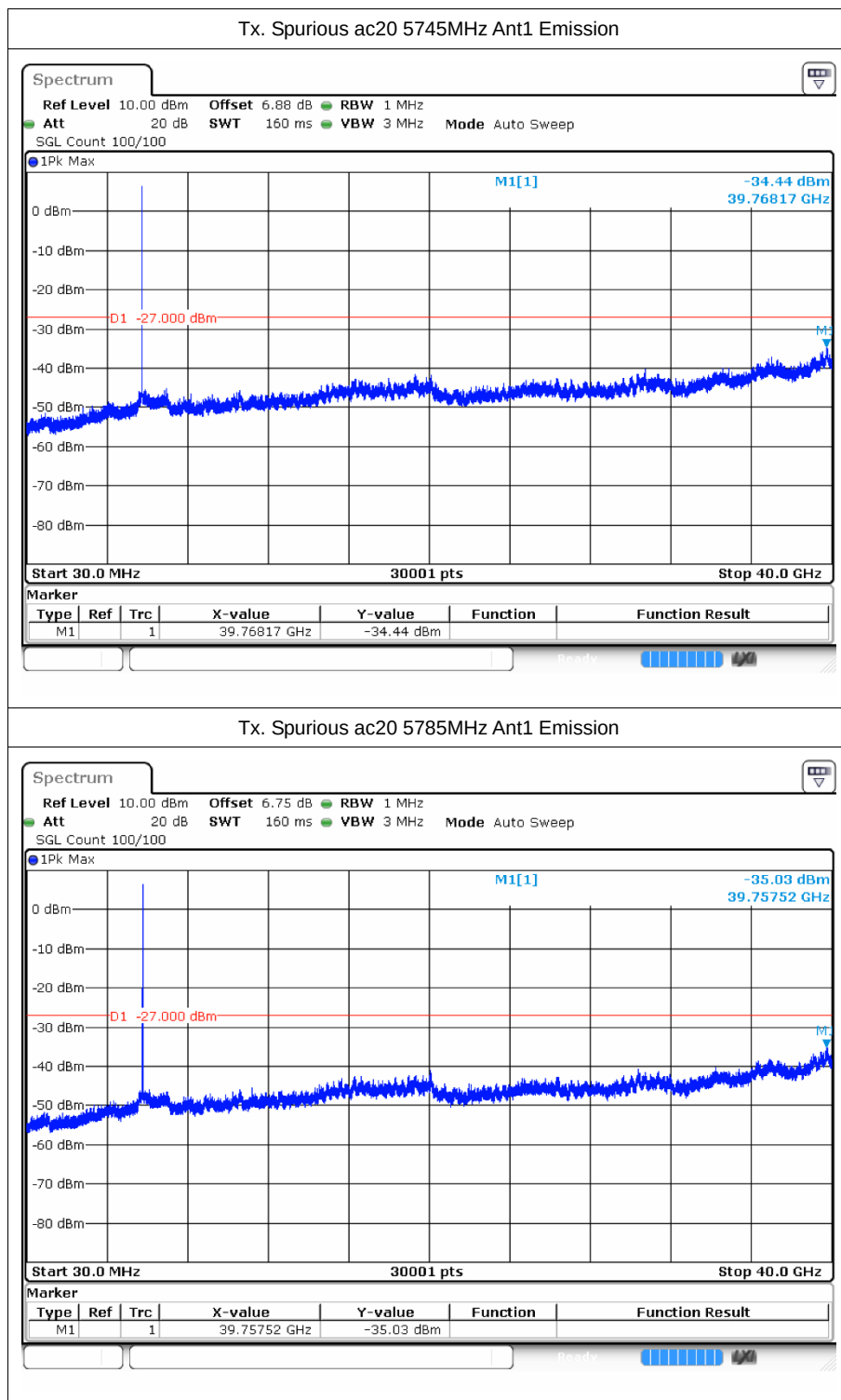
7.2 Test Graphs

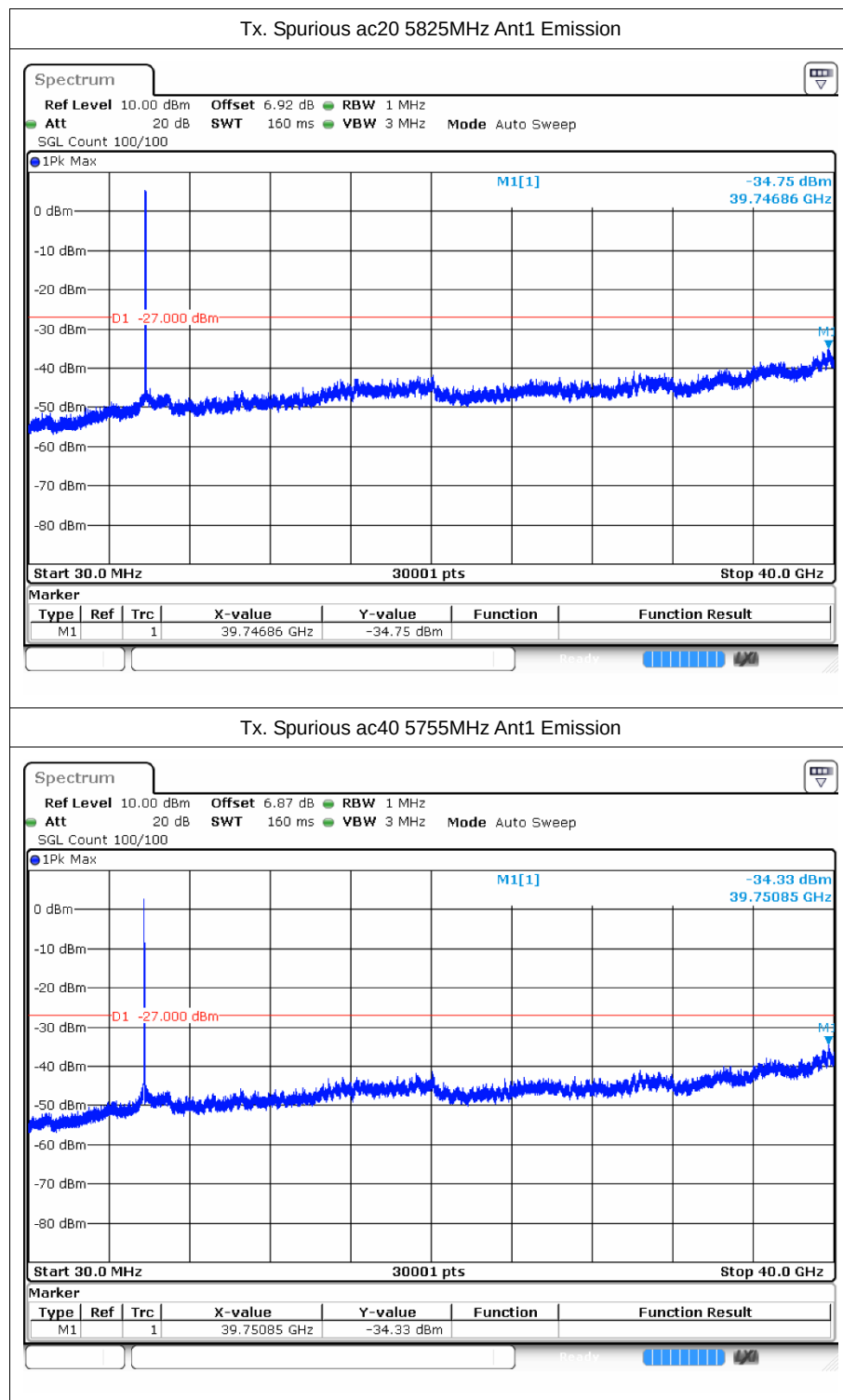


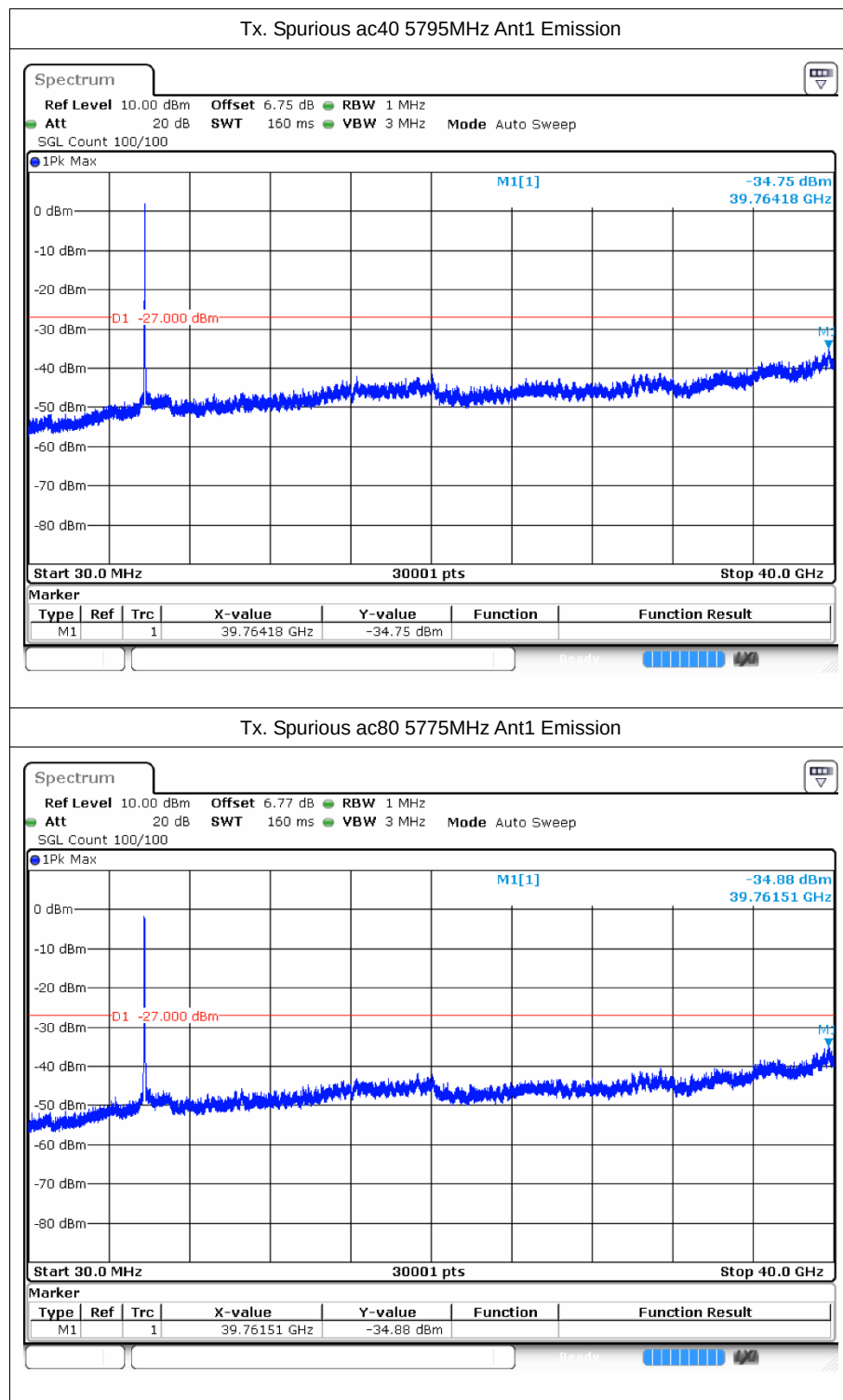














8 Restrict Band

8.1 Test Result

Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
a	5745	Ant1	5650	-42.62	2	-40.62	Peak	-27	Pass
a	5745	Ant1	5650	-50.11	2	-48.11	Average	-27	Pass
a	5745	Ant1	5700	-41.53	2	-39.53	Peak	10	Pass
a	5745	Ant1	5700	-48.86	2	-46.86	Average	10	Pass
a	5745	Ant1	5720	-42.85	2	-40.85	Peak	15.6	Pass
a	5745	Ant1	5720	-50.15	2	-48.15	Average	15.6	Pass
a	5745	Ant1	5725	-42.24	2	-40.24	Peak	27	Pass
a	5745	Ant1	5725	-49.5	2	-47.5	Average	27	Pass
a	5825	Ant1	5850	-39.96	2	-37.96	Peak	27	Pass
a	5825	Ant1	5850	-49.27	2	-47.27	Average	27	Pass
a	5825	Ant1	5855	-42.58	2	-40.58	Peak	15.6	Pass
a	5825	Ant1	5855	-49.41	2	-47.41	Average	15.6	Pass
a	5825	Ant1	5875	-40.13	2	-38.13	Peak	10	Pass
a	5825	Ant1	5875	-48.49	2	-46.49	Average	10	Pass
a	5825	Ant1	5925	-41.63	2	-39.63	Peak	-27	Pass
a	5825	Ant1	5925	-48.82	2	-46.82	Average	-27	Pass
n20	5745	Ant1	5650	-42.22	2	-40.22	Peak	-27	Pass
n20	5745	Ant1	5650	-49.81	2	-47.81	Average	-27	Pass
n20	5745	Ant1	5700	-42.04	2	-40.04	Peak	10	Pass
n20	5745	Ant1	5700	-49.63	2	-47.63	Average	10	Pass
n20	5745	Ant1	5720	-40.66	2	-38.66	Peak	15.6	Pass
n20	5745	Ant1	5720	-49.66	2	-47.66	Average	15.6	Pass
n20	5745	Ant1	5725	-40.05	2	-38.05	Peak	27	Pass
n20	5745	Ant1	5725	-49.99	2	-47.99	Average	27	Pass
n20	5825	Ant1	5850	-40.34	2	-38.34	Peak	27	Pass
n20	5825	Ant1	5850	-49.12	2	-47.12	Average	27	Pass
n20	5825	Ant1	5855	-40.86	2	-38.86	Peak	15.6	Pass
n20	5825	Ant1	5855	-49.1	2	-47.1	Average	15.6	Pass
n20	5825	Ant1	5875	-40.86	2	-38.86	Peak	10	Pass
n20	5825	Ant1	5875	-48.92	2	-46.92	Average	10	Pass
n20	5825	Ant1	5925	-39.48	2	-37.48	Peak	-27	Pass
n20	5825	Ant1	5925	-48.77	2	-46.77	Average	-27	Pass
n40	5755	Ant1	5650	-41.79	2	-39.79	Peak	-27	Pass
n40	5755	Ant1	5650	-49.92	2	-47.92	Average	-27	Pass
n40	5755	Ant1	5700	-42.15	2	-40.15	Peak	10	Pass



n40	5755	Ant1	5700	-49.82	2	-47.82	Average	10	Pass
n40	5755	Ant1	5720	-42.59	2	-40.59	Peak	15.6	Pass
n40	5755	Ant1	5720	-49.6	2	-47.6	Average	15.6	Pass
n40	5755	Ant1	5725	-41.46	2	-39.46	Peak	27	Pass
n40	5755	Ant1	5725	-48.86	2	-46.86	Average	27	Pass
n40	5795	Ant1	5850	-41.63	2	-39.63	Peak	27	Pass
n40	5795	Ant1	5850	-49.48	2	-47.48	Average	27	Pass
n40	5795	Ant1	5855	-42.03	2	-40.03	Peak	15.6	Pass
n40	5795	Ant1	5855	-48.95	2	-46.95	Average	15.6	Pass
n40	5795	Ant1	5875	-40.91	2	-38.91	Peak	10	Pass
n40	5795	Ant1	5875	-48.7	2	-46.7	Average	10	Pass
n40	5795	Ant1	5925	-40.55	2	-38.55	Peak	-27	Pass
n40	5795	Ant1	5925	-49.05	2	-47.05	Average	-27	Pass
ac20	5745	Ant1	5650	-43.43	2	-41.43	Peak	-27	Pass
ac20	5745	Ant1	5650	-50.07	2	-48.07	Average	-27	Pass
ac20	5745	Ant1	5700	-42.15	2	-40.15	Peak	10	Pass
ac20	5745	Ant1	5700	-49.33	2	-47.33	Average	10	Pass
ac20	5745	Ant1	5720	-39.13	2	-37.13	Peak	15.6	Pass
ac20	5745	Ant1	5720	-49.97	2	-47.97	Average	15.6	Pass
ac20	5745	Ant1	5725	-39.89	2	-37.89	Peak	27	Pass
ac20	5745	Ant1	5725	-49.47	2	-47.47	Average	27	Pass
ac20	5825	Ant1	5850	-41.52	2	-39.52	Peak	27	Pass
ac20	5825	Ant1	5850	-49.42	2	-47.42	Average	27	Pass
ac20	5825	Ant1	5855	-40.94	2	-38.94	Peak	15.6	Pass
ac20	5825	Ant1	5855	-48.51	2	-46.51	Average	15.6	Pass
ac20	5825	Ant1	5875	-41.36	2	-39.36	Peak	10	Pass
ac20	5825	Ant1	5875	-48.78	2	-46.78	Average	10	Pass
ac20	5825	Ant1	5925	-39.95	2	-37.95	Peak	-27	Pass
ac20	5825	Ant1	5925	-48.86	2	-46.86	Average	-27	Pass
ac40	5755	Ant1	5650	-42.76	2	-40.76	Peak	-27	Pass
ac40	5755	Ant1	5650	-49.21	2	-47.21	Average	-27	Pass
ac40	5755	Ant1	5700	-41.93	2	-39.93	Peak	10	Pass
ac40	5755	Ant1	5700	-48.95	2	-46.95	Average	10	Pass
ac40	5755	Ant1	5720	-41.59	2	-39.59	Peak	15.6	Pass
ac40	5755	Ant1	5720	-49.55	2	-47.55	Average	15.6	Pass
ac40	5755	Ant1	5725	-41.9	2	-39.9	Peak	27	Pass
ac40	5755	Ant1	5725	-48.6	2	-46.6	Average	27	Pass
ac40	5795	Ant1	5850	-40.92	2	-38.92	Peak	27	Pass
ac40	5795	Ant1	5850	-49.23	2	-47.23	Average	27	Pass
ac40	5795	Ant1	5855	-40.41	2	-38.41	Peak	15.6	Pass
ac40	5795	Ant1	5855	-49.11	2	-47.11	Average	15.6	Pass
ac40	5795	Ant1	5875	-39.92	2	-37.92	Peak	10	Pass
ac40	5795	Ant1	5875	-49.03	2	-47.03	Average	10	Pass

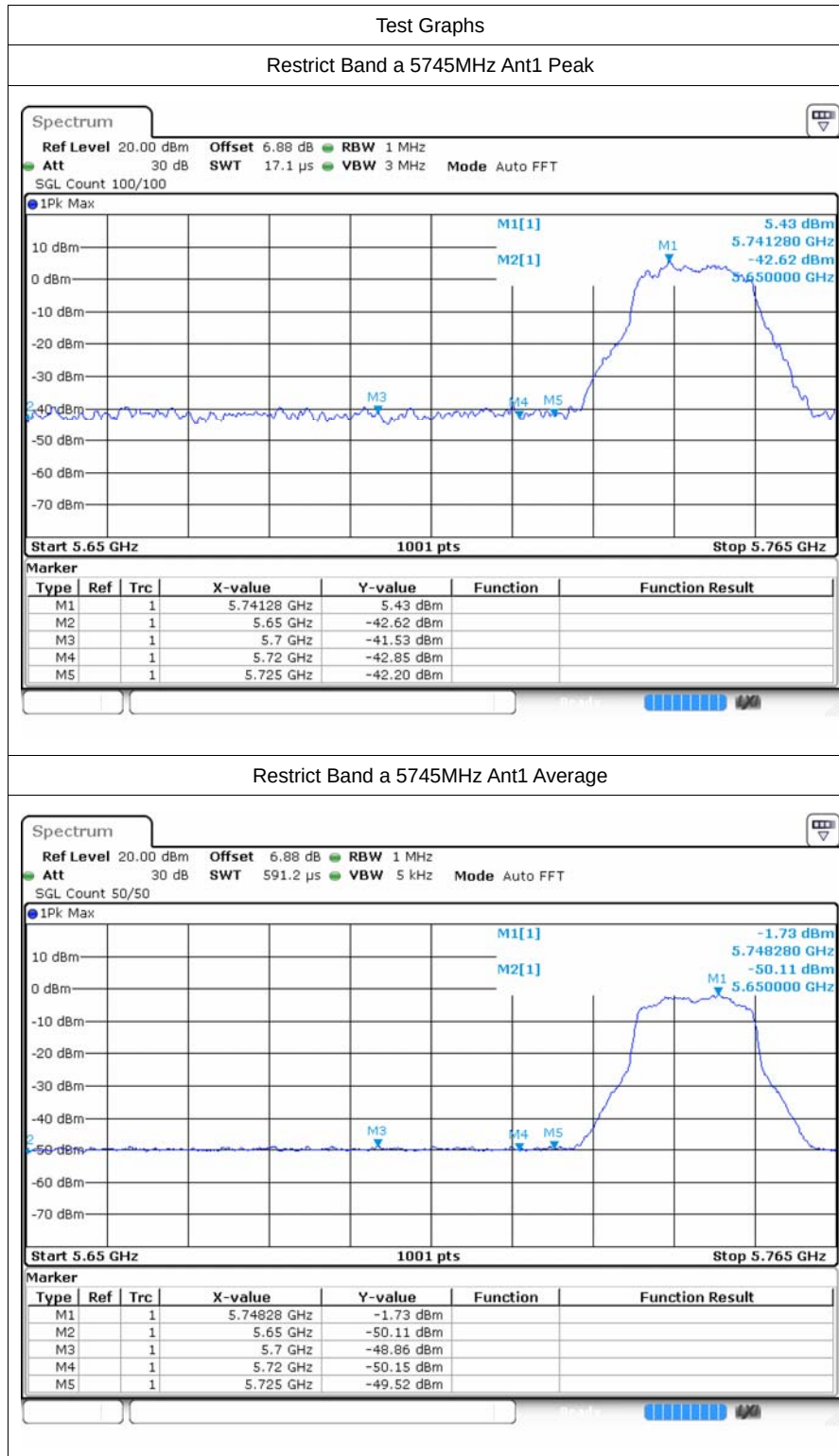


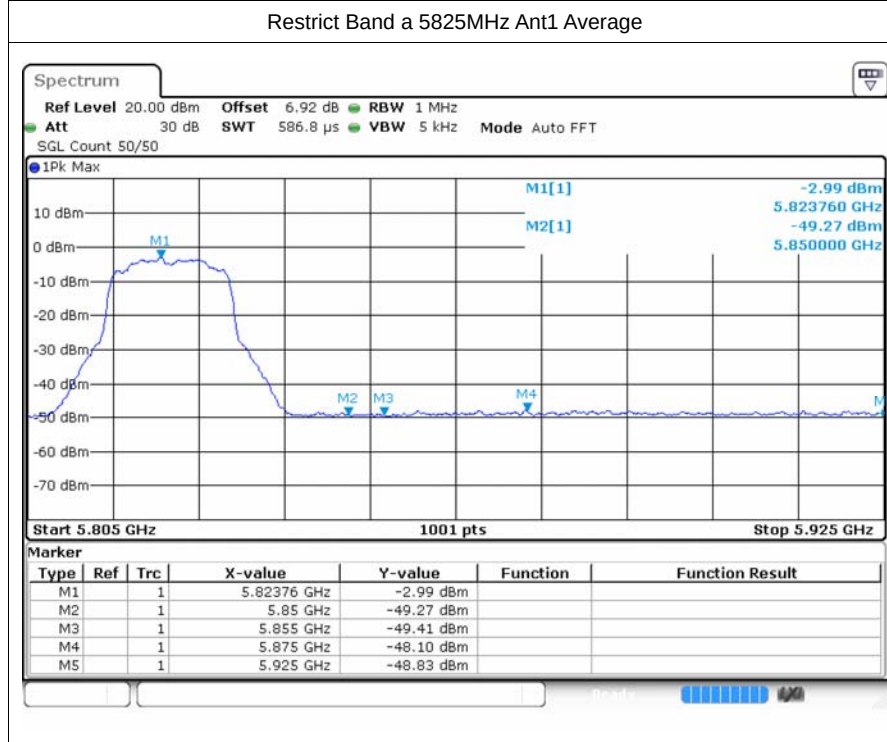
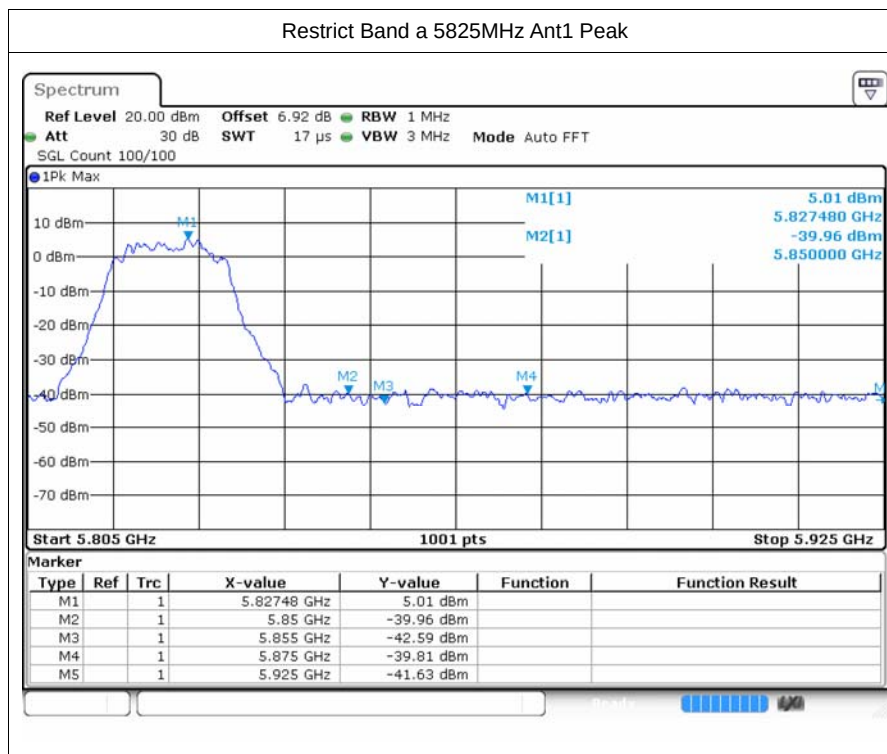
ac40	5795	Ant1	5925	-42.53	2	-40.53	Peak	-27	Pass
ac40	5795	Ant1	5925	-48.77	2	-46.77	Average	-27	Pass
ac80	5775	Ant1	5650	-42.94	2	-40.94	Peak	-27	Pass
ac80	5775	Ant1	5650	-49.86	2	-47.86	Average	-27	Pass
ac80	5775	Ant1	5700	-40.69	2	-38.69	Peak	10	Pass
ac80	5775	Ant1	5700	-49.5	2	-47.5	Average	10	Pass
ac80	5775	Ant1	5720	-41.49	2	-39.49	Peak	15.6	Pass
ac80	5775	Ant1	5720	-49.37	2	-47.37	Average	15.6	Pass
ac80	5775	Ant1	5725	-38.99	2	-36.99	Peak	27	Pass
ac80	5775	Ant1	5725	-46.67	2	-44.67	Average	27	Pass
ac80	5775	Ant1	5850	-42.87	2	-40.87	Peak	27	Pass
ac80	5775	Ant1	5850	-49.53	2	-47.53	Average	27	Pass
ac80	5775	Ant1	5855	-42.52	2	-40.52	Peak	15.6	Pass
ac80	5775	Ant1	5855	-48.56	2	-46.56	Average	15.6	Pass
ac80	5775	Ant1	5875	-39.27	2	-37.27	Peak	10	Pass
ac80	5775	Ant1	5875	-49.02	2	-47.02	Average	10	Pass
ac80	5775	Ant1	5925	-39.8	2	-37.8	Peak	-27	Pass
ac80	5775	Ant1	5925	-49.09	2	-47.09	Average	-27	Pass

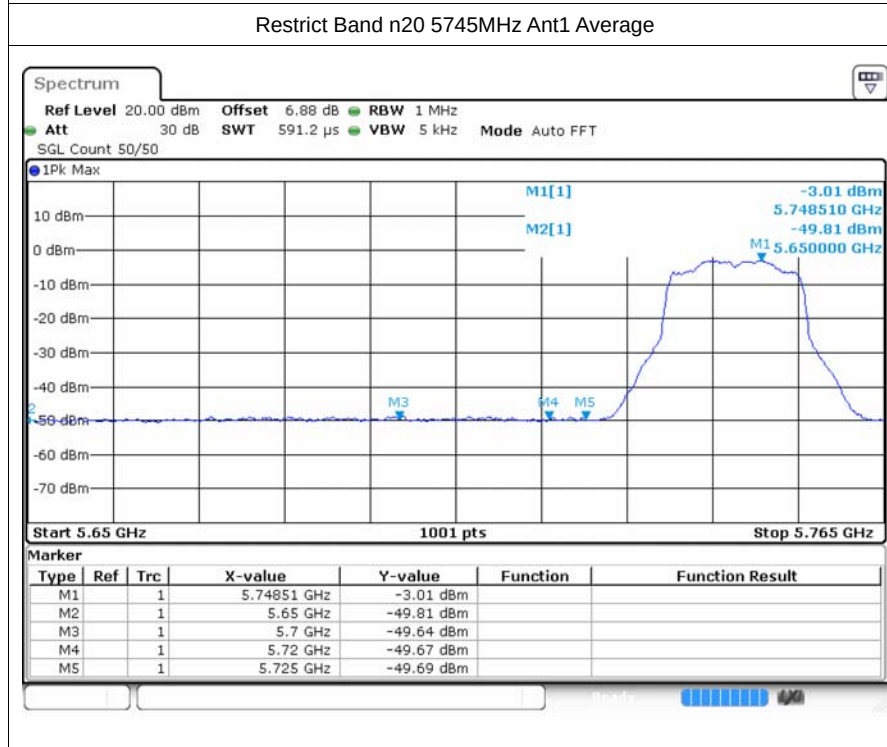
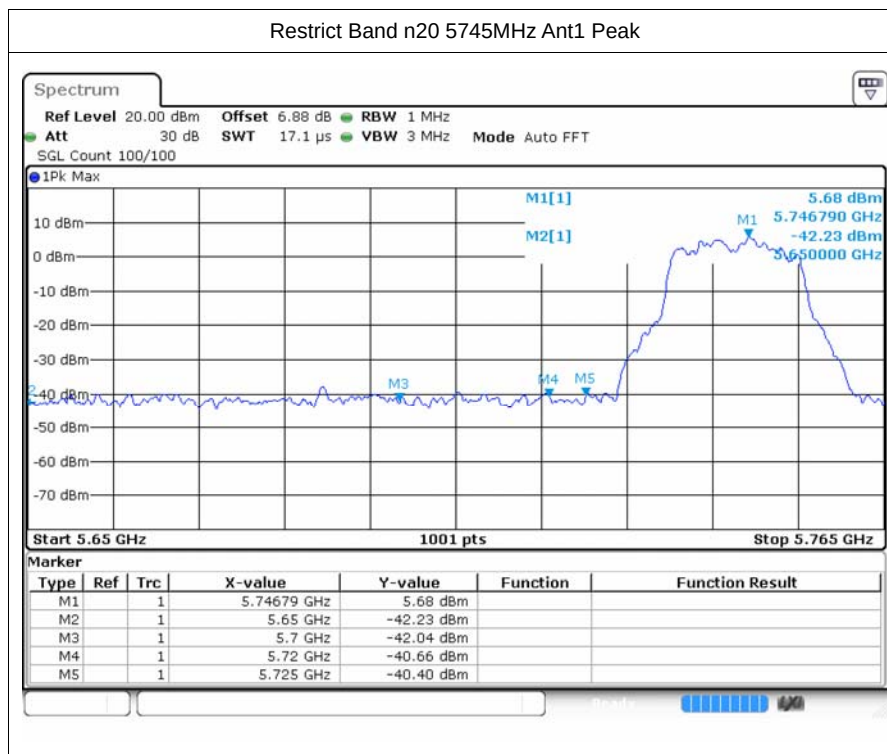
Remark:

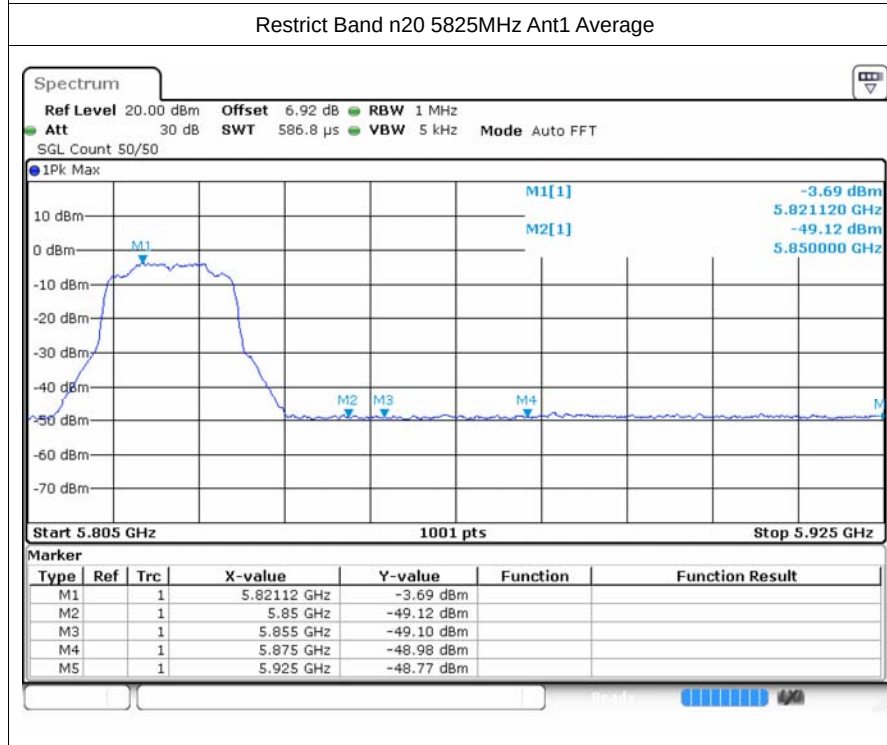
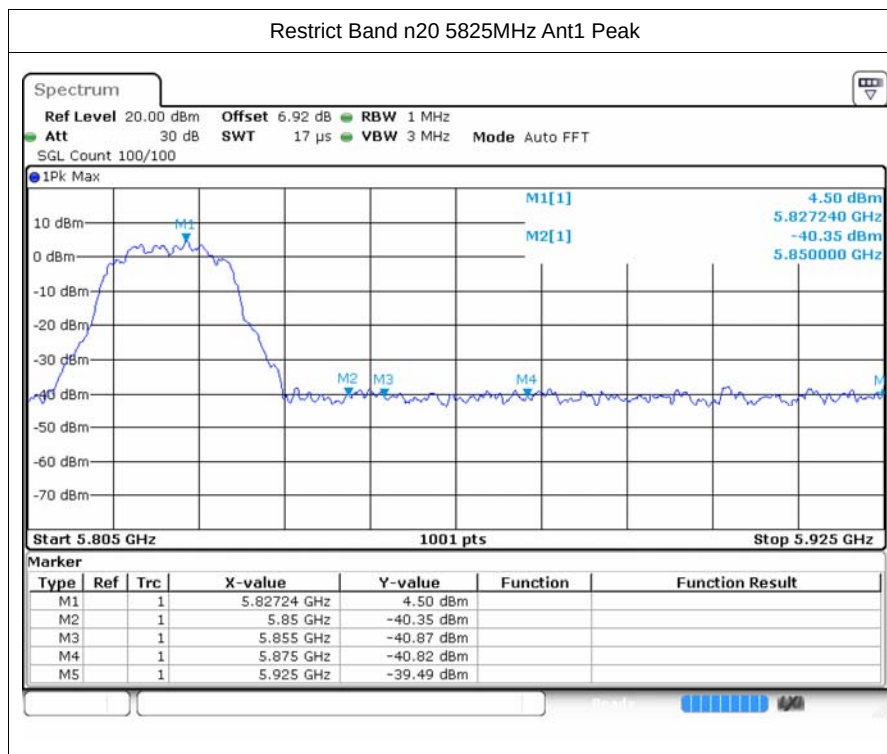
Ant1 and Ant2 have been tested, found worst case is Ant1, only record the worst case results in this report.

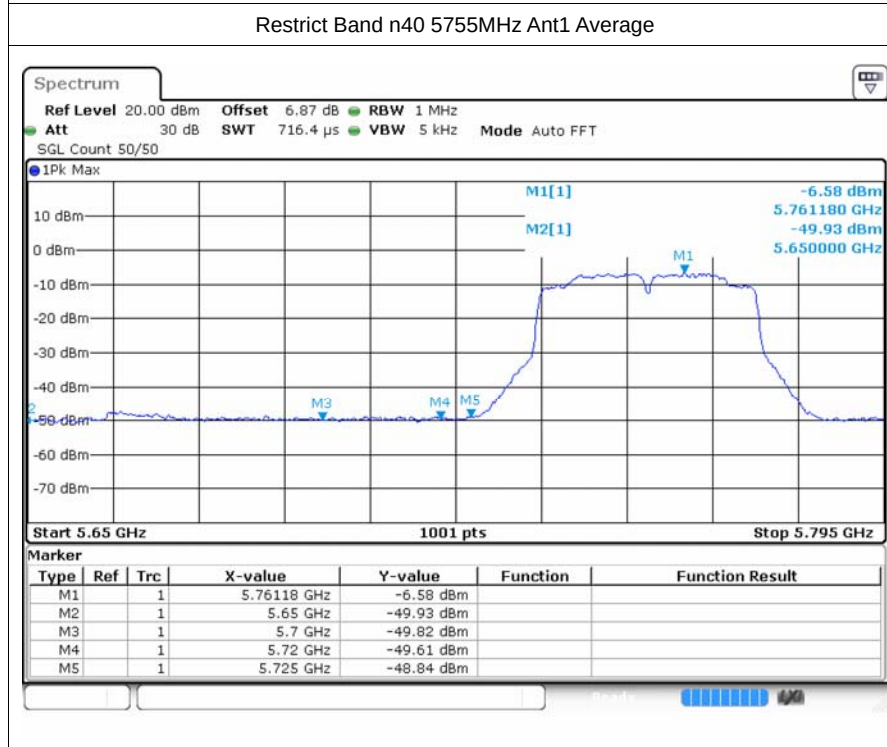
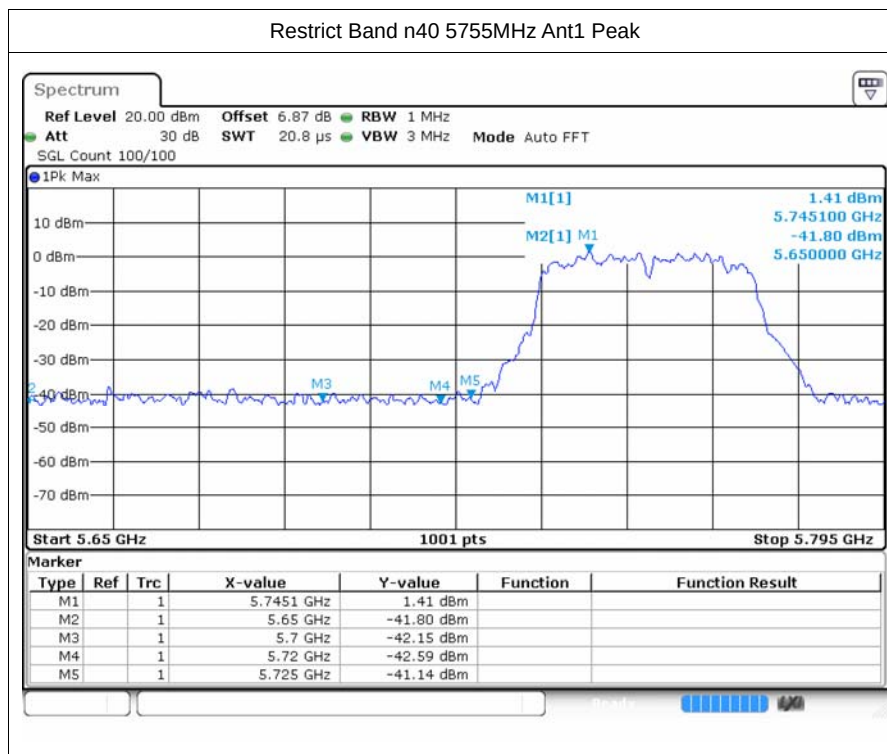
8.2 Test Graphs

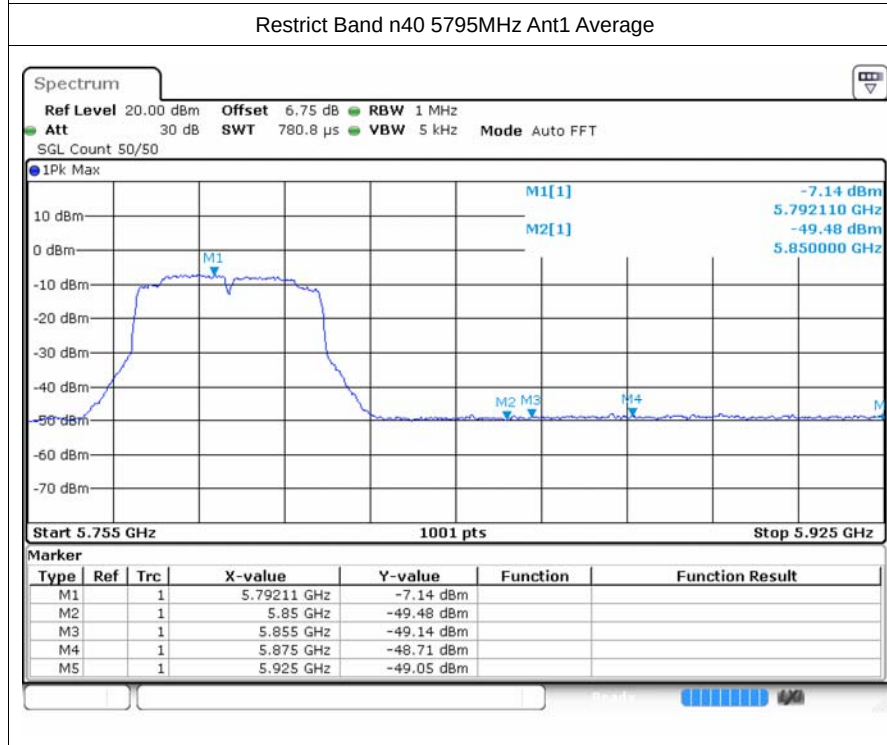
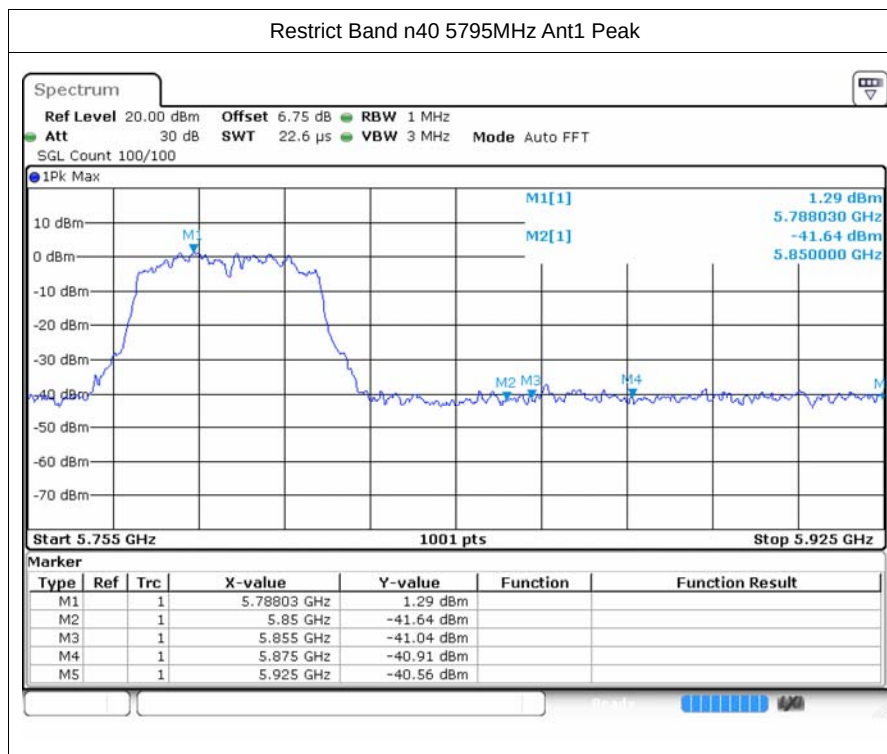


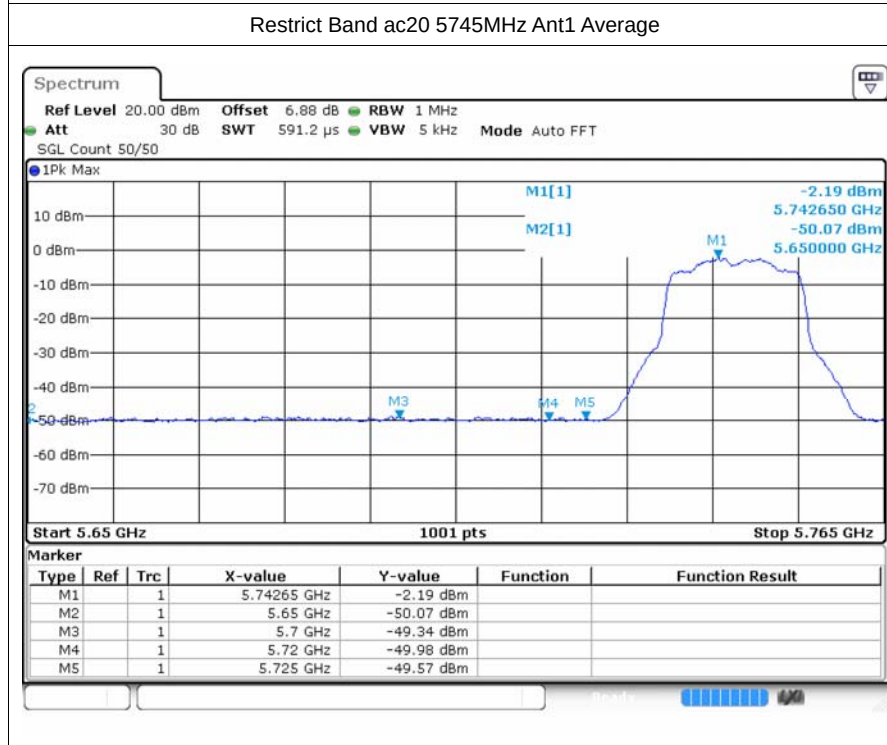
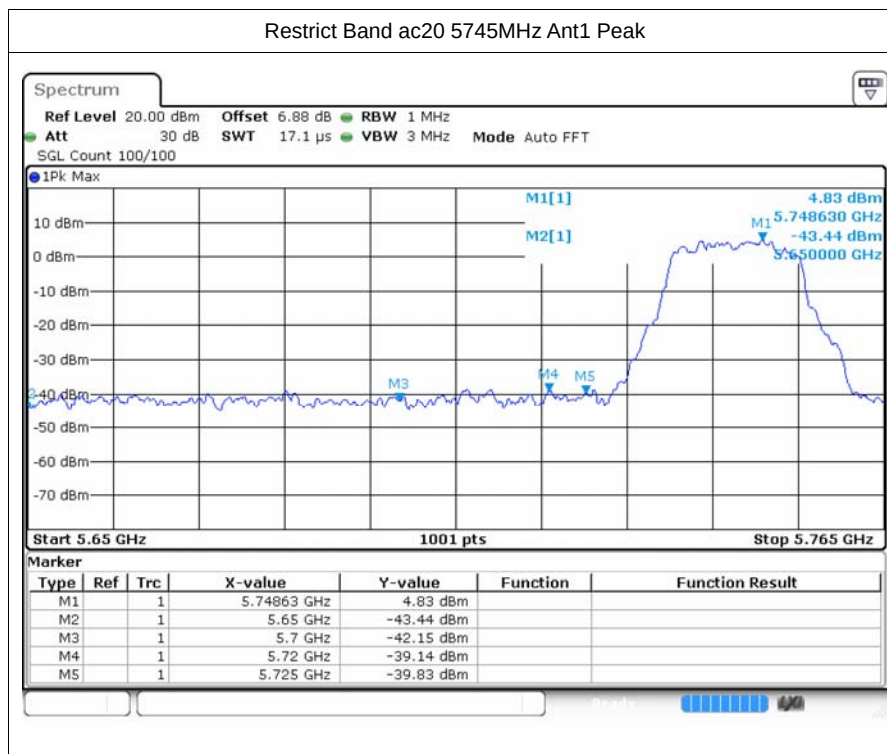


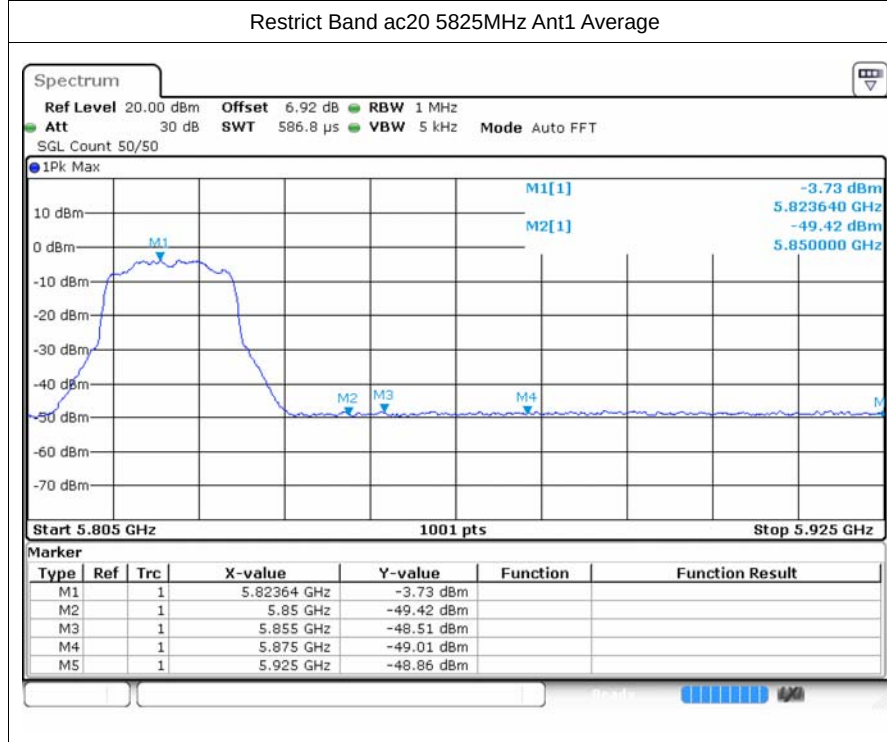
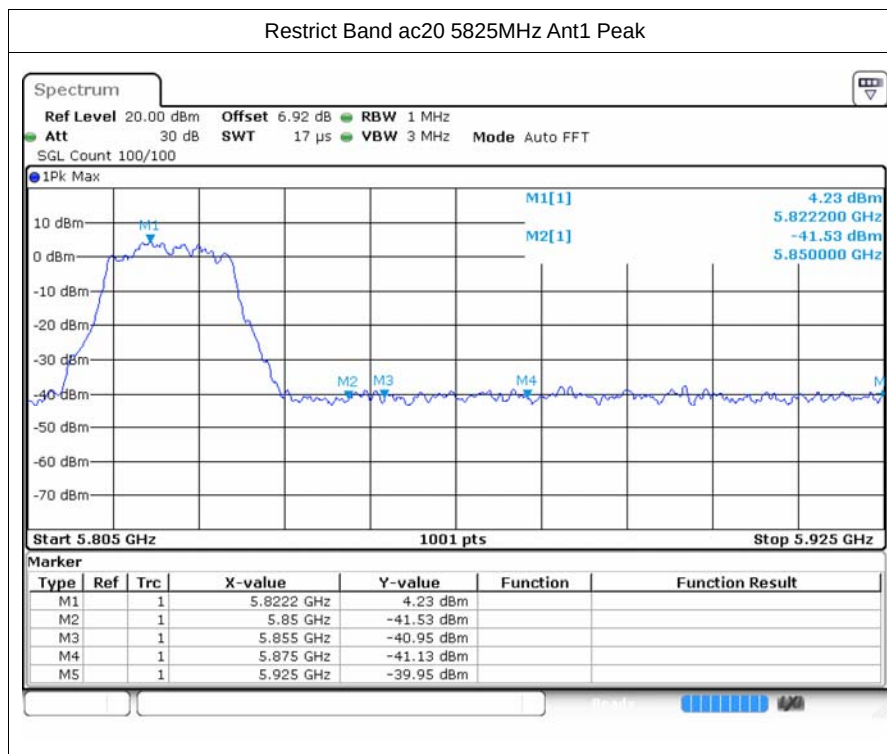


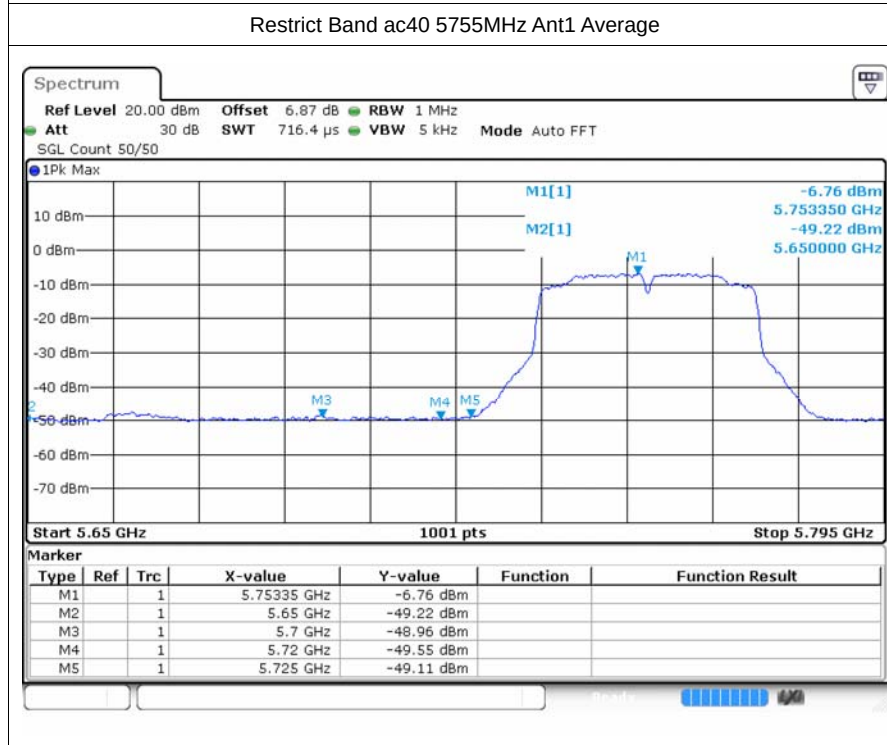
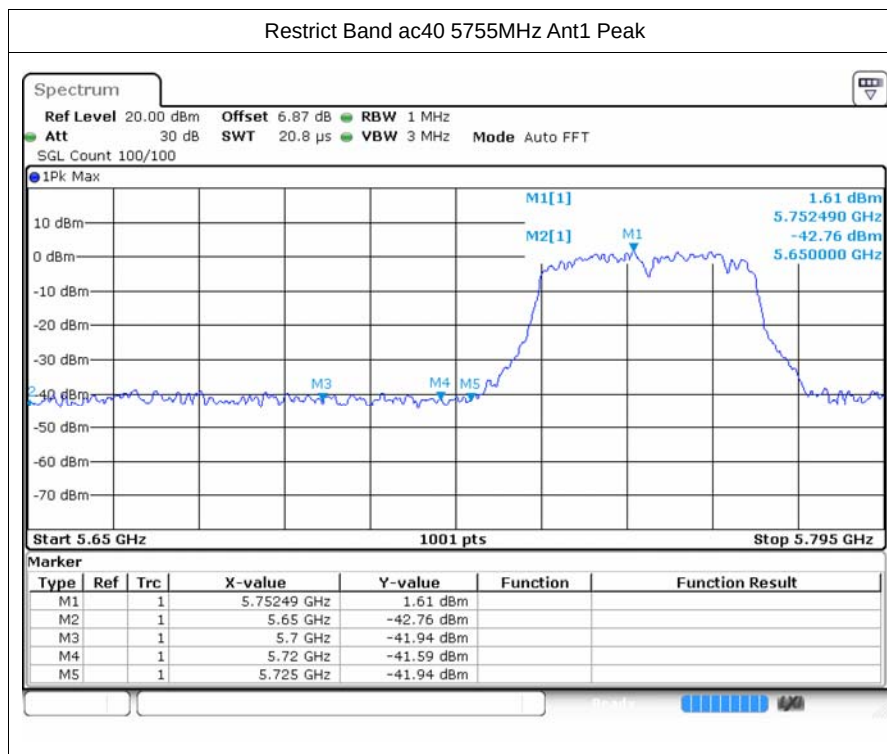


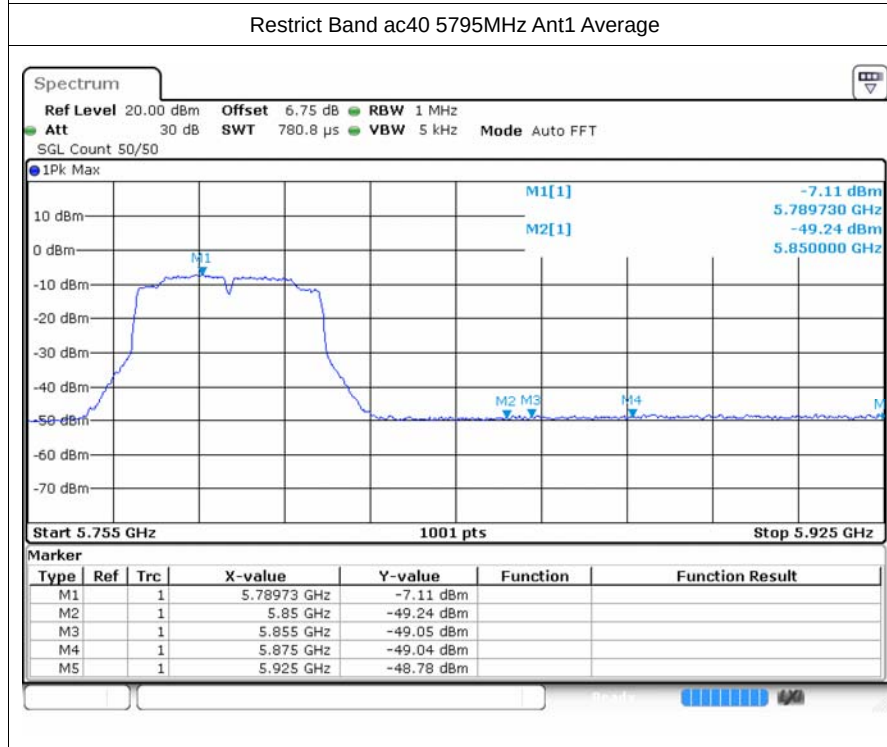
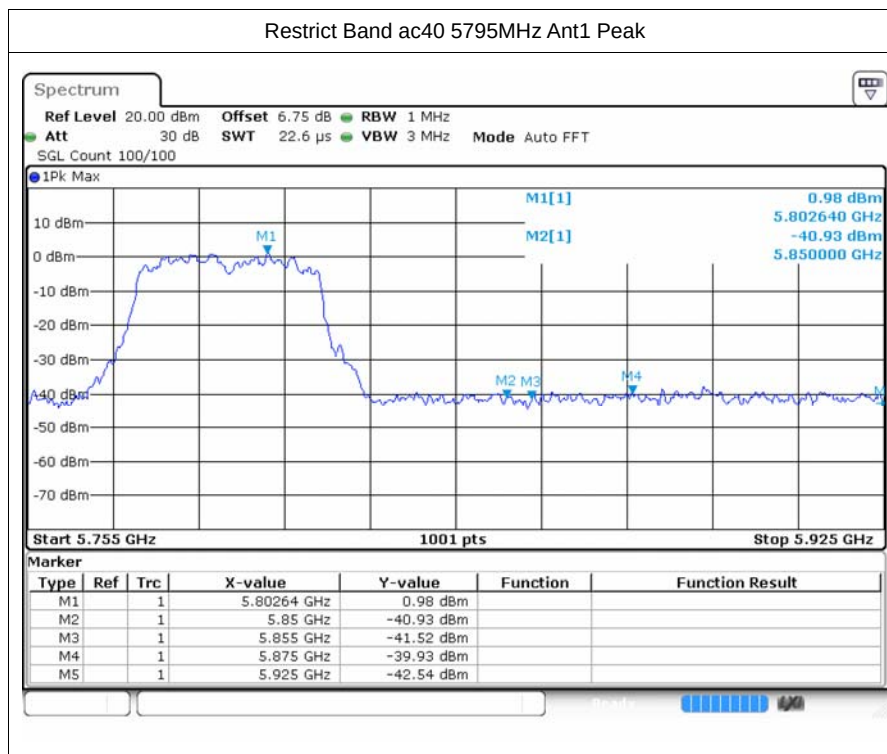


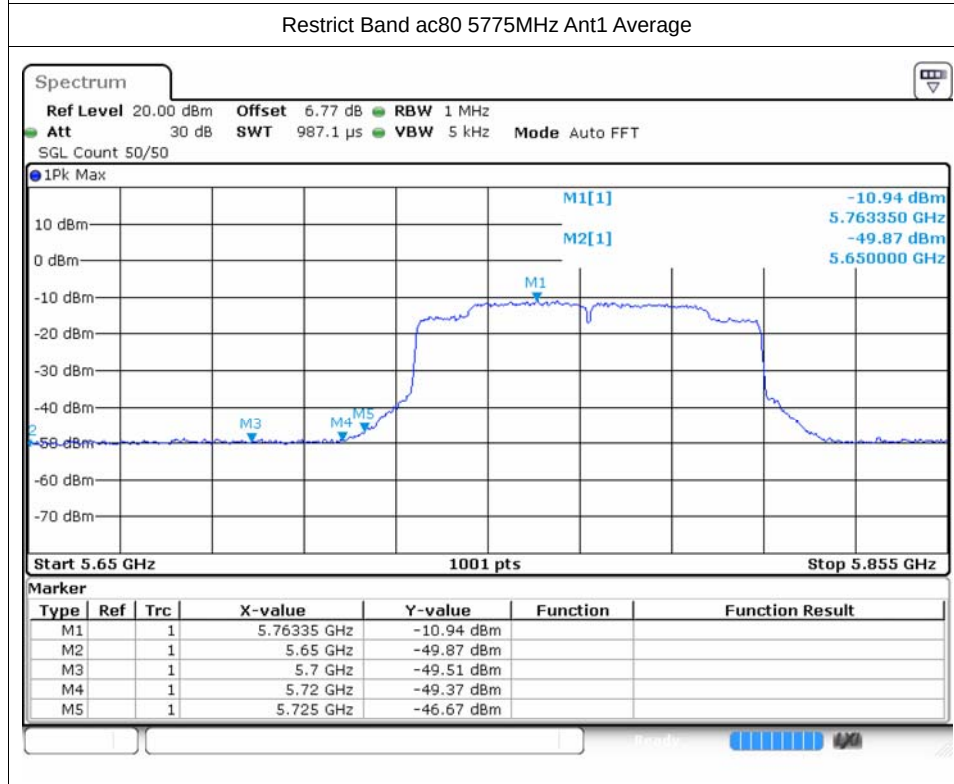
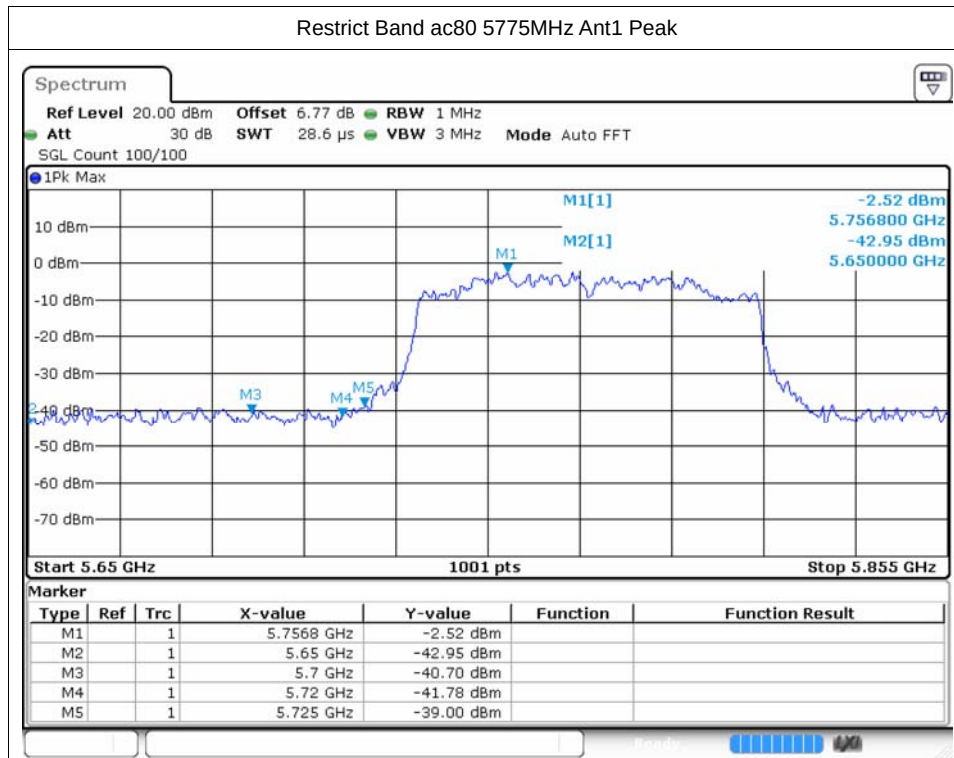


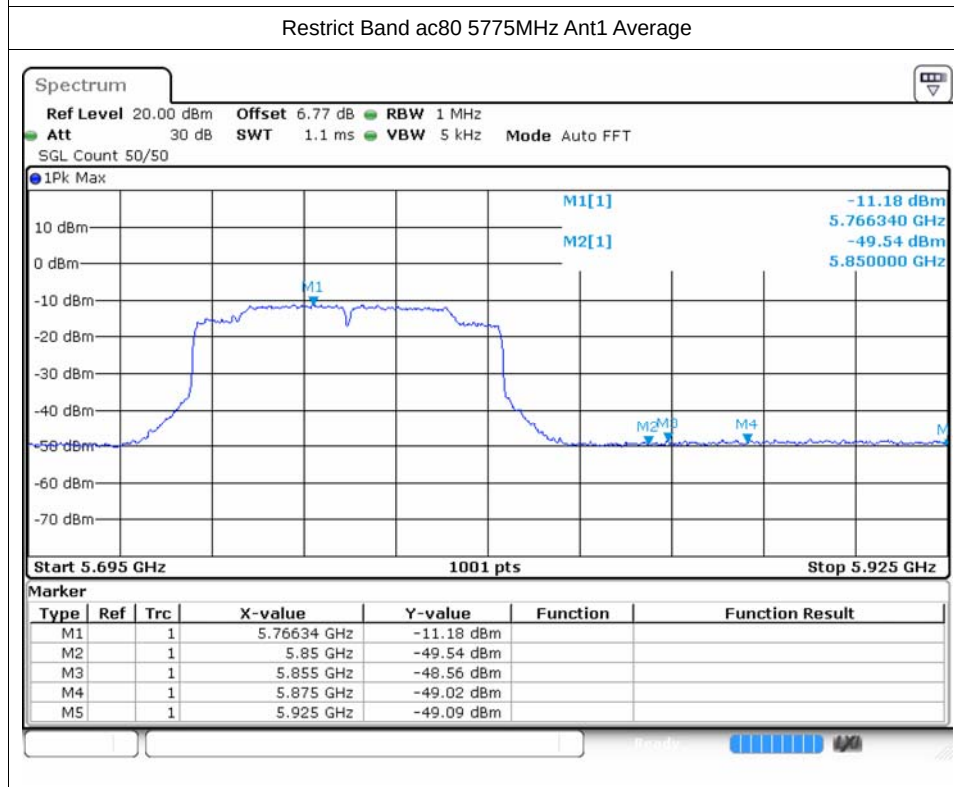
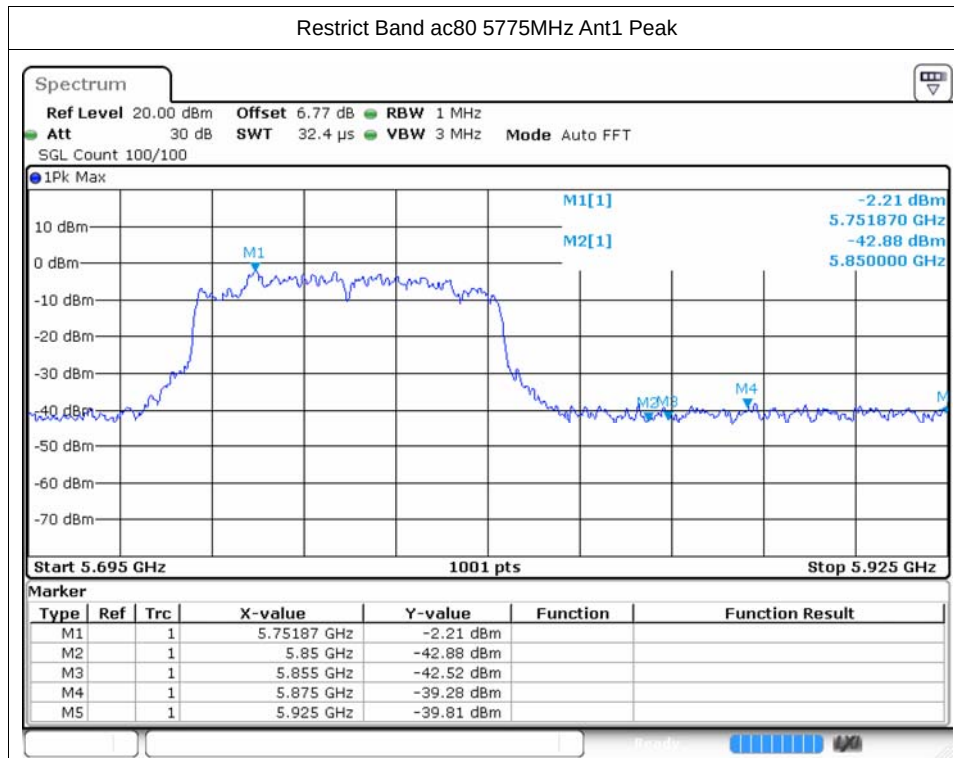












---The End---