



Appendix E

RF Test Data for 5.8GWIFI(Conducted Measurement)

Product Name: EBOOK READER

Trade Mark: HQ MEEBOOK

Test Model: MEEBOOK M7

Environmental Conditions

Temperature:	25.2℃
Relative Humidity:	51.2%
ATM Pressure:	101Kpa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



Contents

Page

COVER PAGE

1	Duty Cycle	3
1.1	Test Result	3
1.2	Test Graphs	4
2	Maximum Conducted Output Power	11
2.1	Test Result	11
3	-6dB Bandwidth	12
3.1	Test Result	12
3.2	Test Graphs	13
4	Occupied Channel Bandwidth	20
4.1	Test Result	20
4.2	Test Graphs	21
5	Maximum Power Spectral Density Level	28
5.1	Test Result	28
5.2	Test Graphs	29
6	Frequency Stability	36
6.1	Test Result	36
7	Conducted RF Spurious Emission	40
7.1	Test Result	40
7.2	Test Graphs	41



1 Duty Cycle

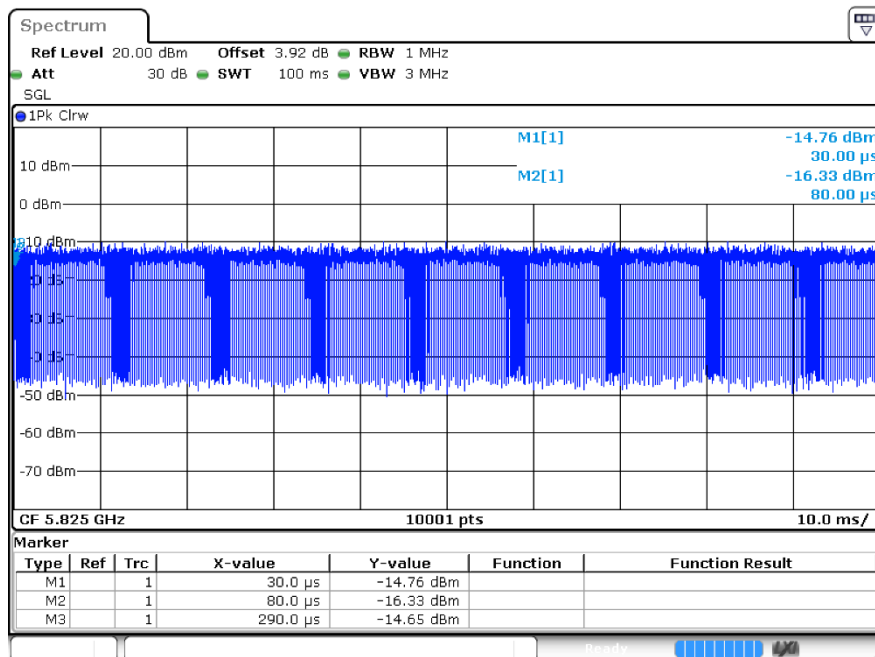
1.1 Test Result

Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5745	Ant1	86.74	0.62	4.76
a	5785	Ant1	86.75	0.62	4.76
a	5825	Ant1	86.63	0.62	4.76
n20	5745	Ant1	87.41	0.58	4.35
n20	5785	Ant1	87.42	0.58	4.35
n20	5825	Ant1	86.6	0.62	4.35
n40	5755	Ant1	76.1	1.19	4.76
n40	5795	Ant1	76.05	1.19	4.76
ac20	5745	Ant1	87	0.6	4.55
ac20	5785	Ant1	86.94	0.61	4.35
ac20	5825	Ant1	86.32	0.64	4.55
ac40	5755	Ant1	74.98	1.25	5
ac40	5795	Ant1	75.01	1.25	5.26
ac80	5775	Ant1	73.15	1.36	5.26

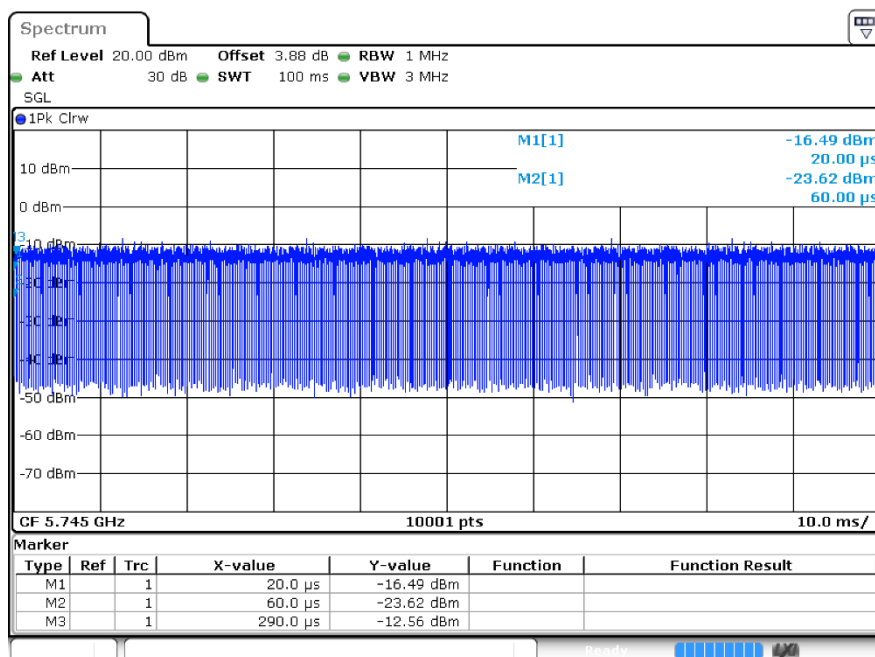
1.2 Test Graphs



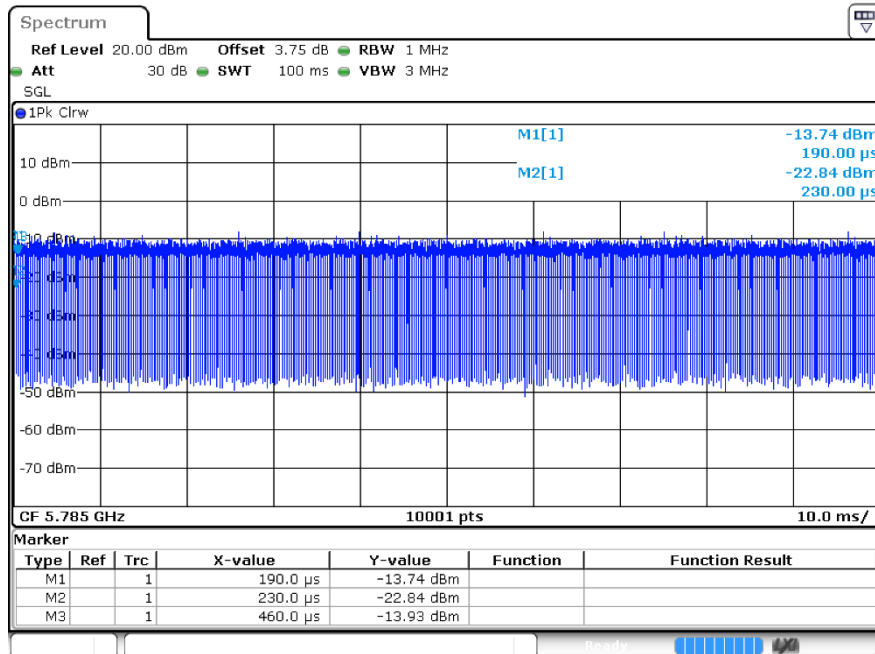
Duty Cycle a 5825MHz Ant1



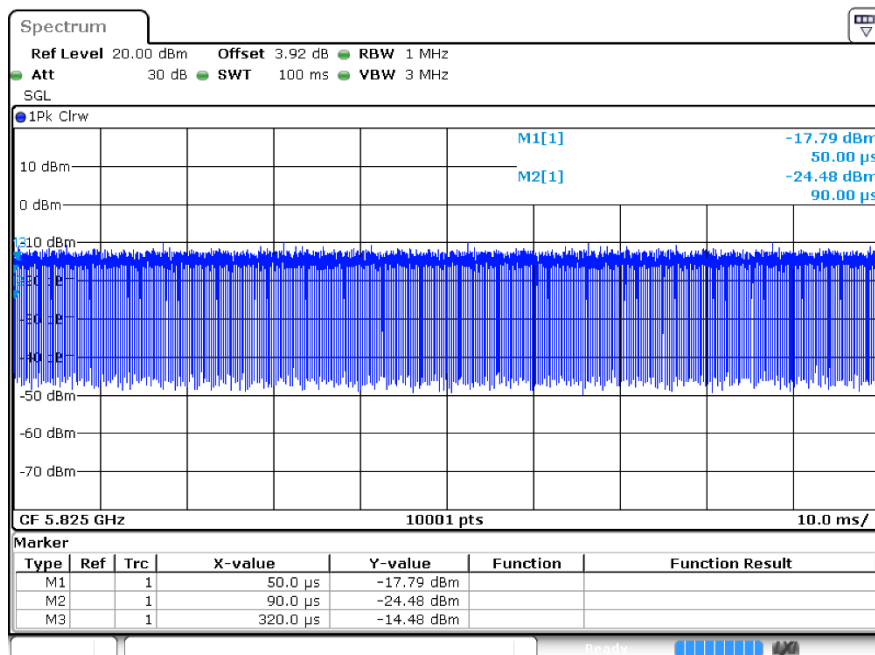
Duty Cycle n20 5745MHz Ant1



Duty Cycle n20 5785MHz Ant1

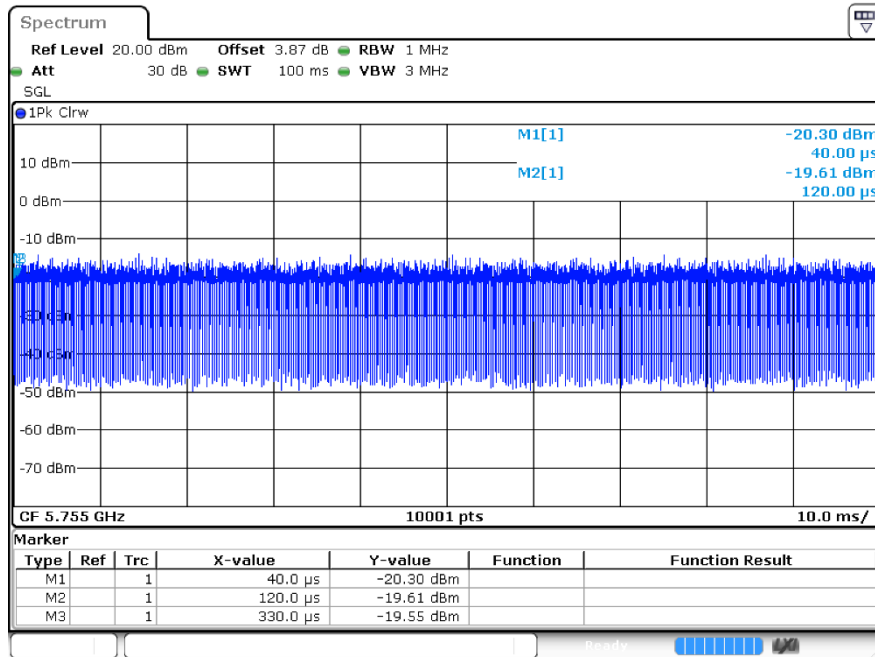


Duty Cycle n20 5825MHz Ant1

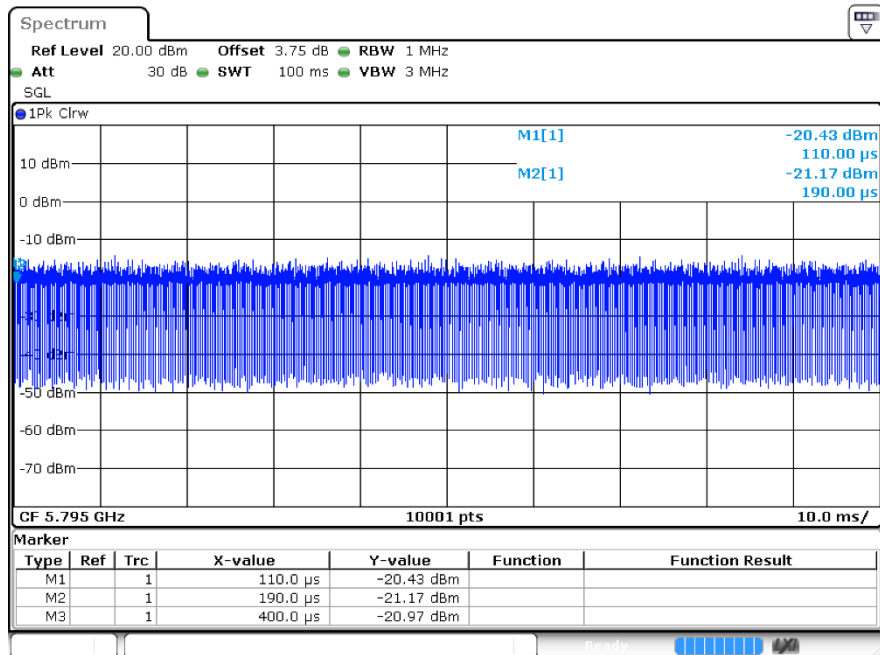




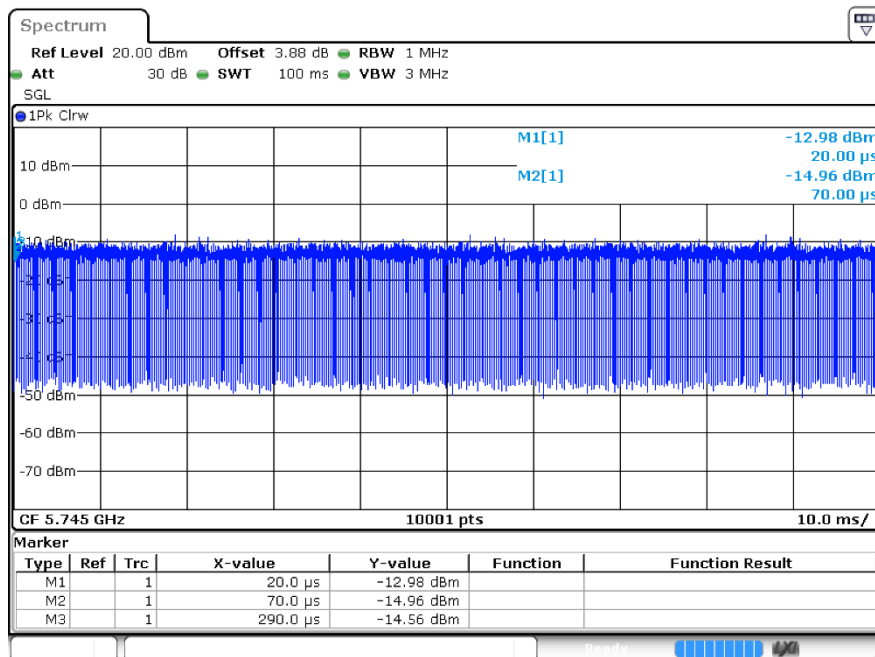
Duty Cycle n40 5755MHz Ant1



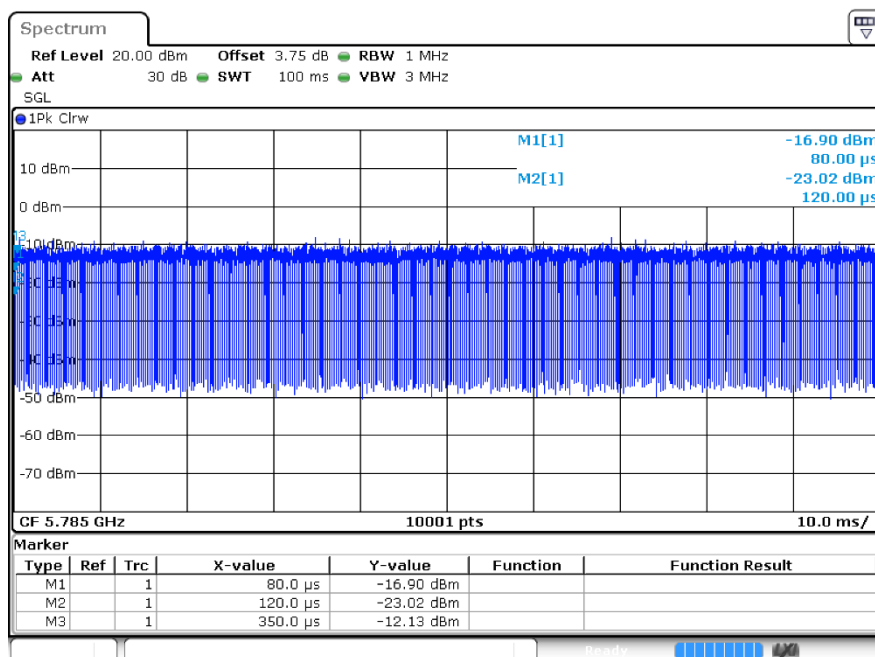
Duty Cycle n40 5795MHz Ant1



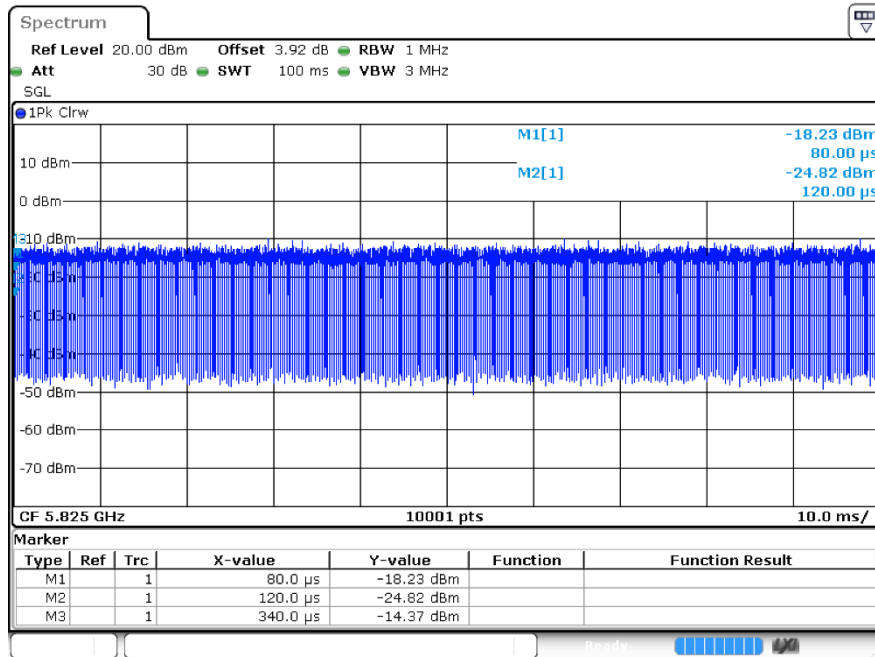
Duty Cycle ac20 5745MHz Ant1



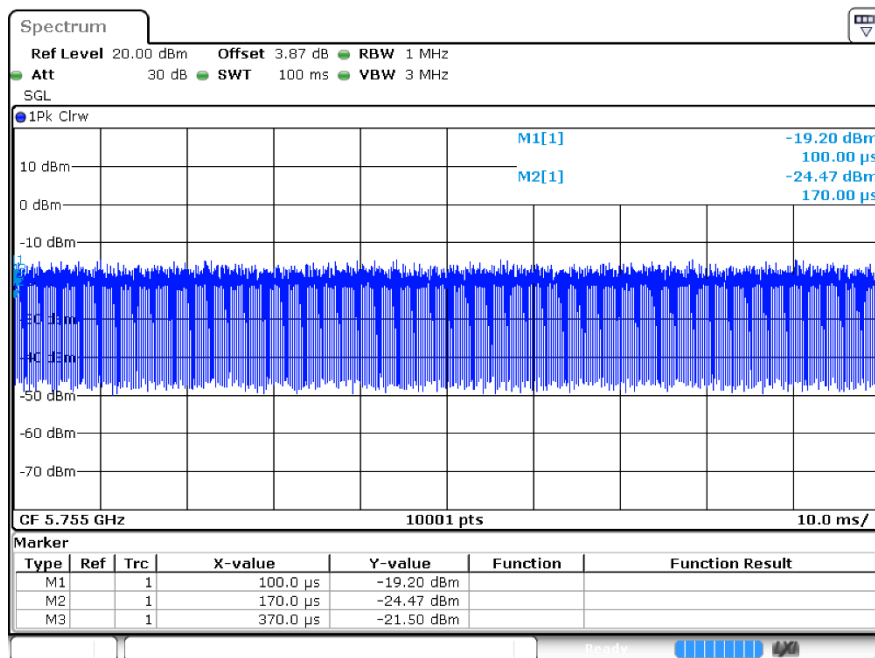
Duty Cycle ac20 5785MHz Ant1



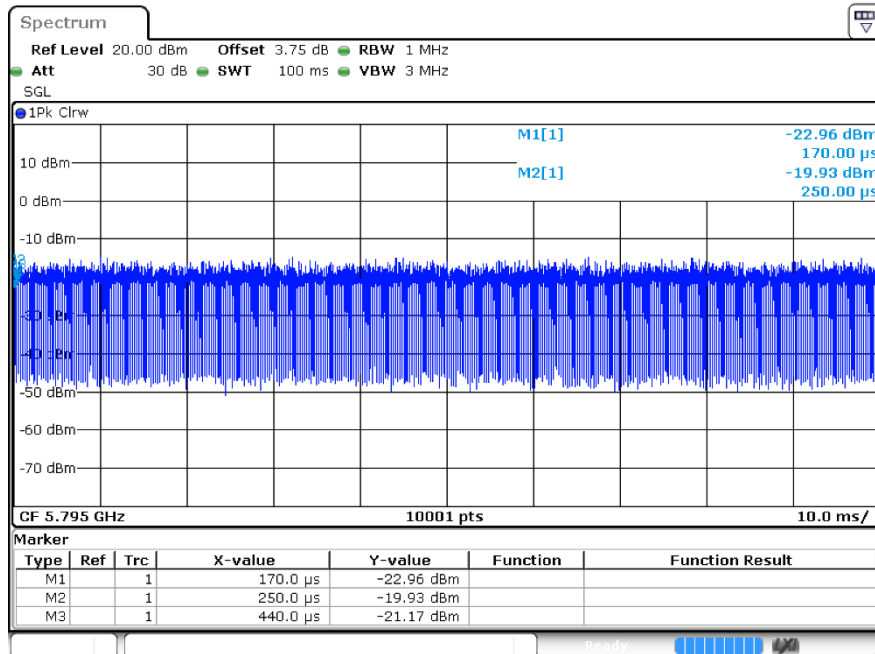
Duty Cycle ac20 5825MHz Ant1



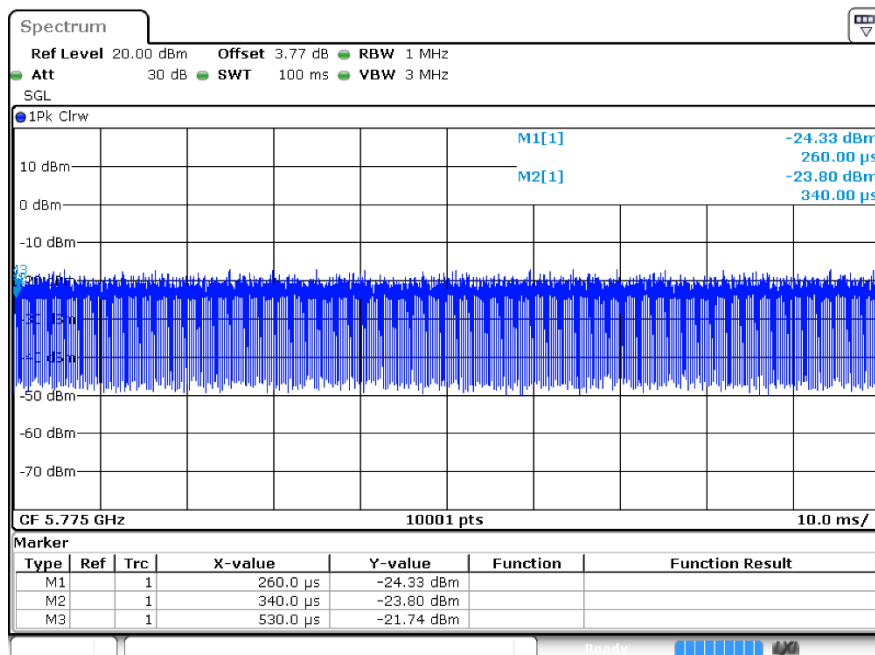
Duty Cycle ac40 5755MHz Ant1



Duty Cycle ac40 5795MHz Ant1



Duty Cycle ac80 5775MHz Ant1





2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	-1.75	30	Pass
a	5785	Ant1	-1.65	30	Pass
a	5825	Ant1	-3.29	30	Pass
n20	5745	Ant1	-2.26	30	Pass
n20	5785	Ant1	-2.18	30	Pass
n20	5825	Ant1	-3.84	30	Pass
n40	5755	Ant1	-2.27	30	Pass
n40	5795	Ant1	-2.77	30	Pass
ac20	5745	Ant1	-2.19	30	Pass
ac20	5785	Ant1	-2.19	30	Pass
ac20	5825	Ant1	-3.83	30	Pass
ac40	5755	Ant1	-2.79	30	Pass
ac40	5795	Ant1	-2.75	30	Pass
ac80	5775	Ant1	-2.59	30	Pass

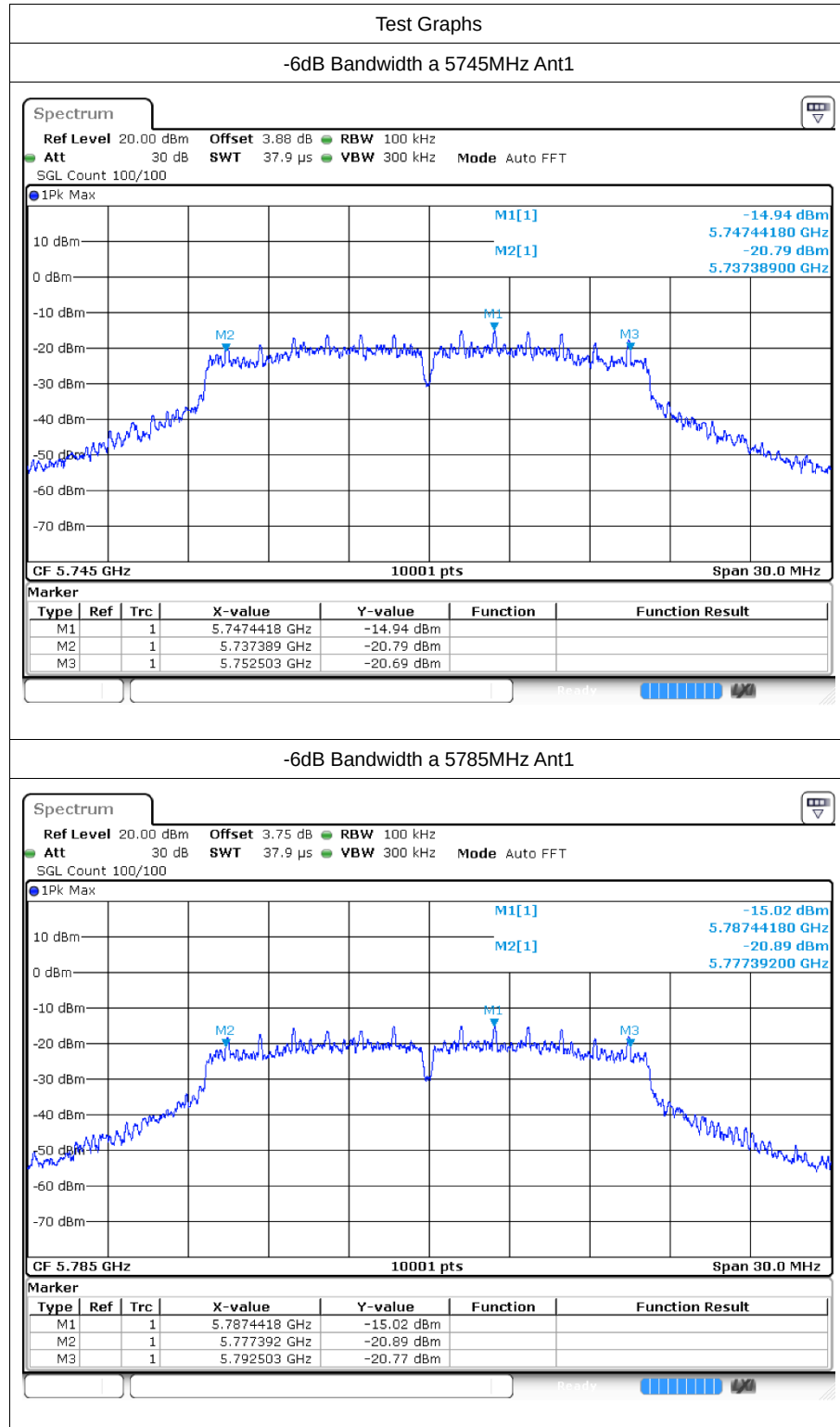


3 -6dB Bandwidth

3.1 Test Result

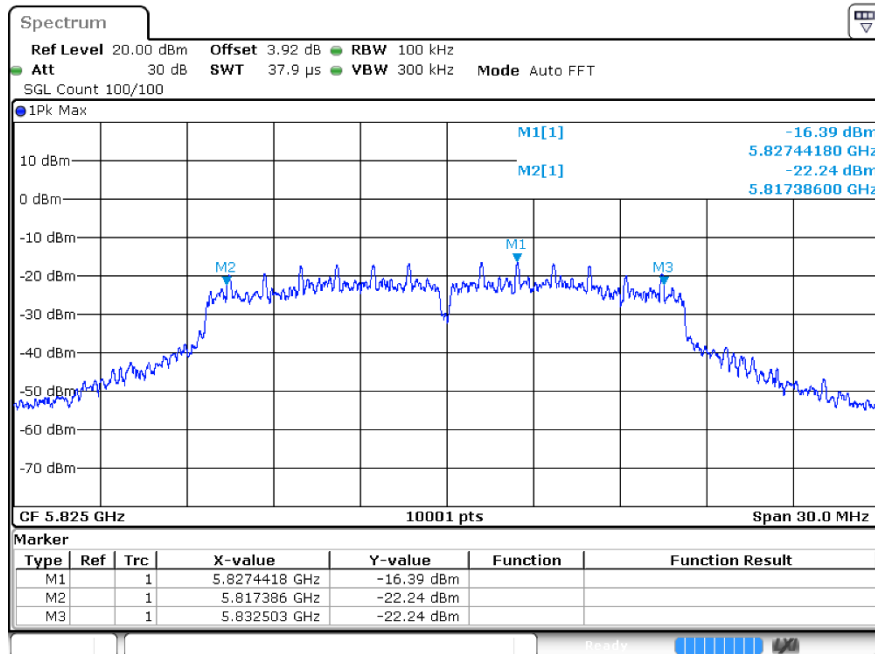
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant1	15.114	0.5	Pass
a	5785	Ant1	15.111	0.5	Pass
a	5825	Ant1	15.117	0.5	Pass
n20	5745	Ant1	15.12	0.5	Pass
n20	5785	Ant1	14.091	0.5	Pass
n20	5825	Ant1	15.69	0.5	Pass
n40	5755	Ant1	31.356	0.5	Pass
n40	5795	Ant1	33.804	0.5	Pass
ac20	5745	Ant1	15.45	0.5	Pass
ac20	5785	Ant1	15.102	0.5	Pass
ac20	5825	Ant1	15.12	0.5	Pass
ac40	5755	Ant1	35.034	0.5	Pass
ac40	5795	Ant1	35.088	0.5	Pass
ac80	5775	Ant1	72.492	0.5	Pass

3.2 Test Graphs

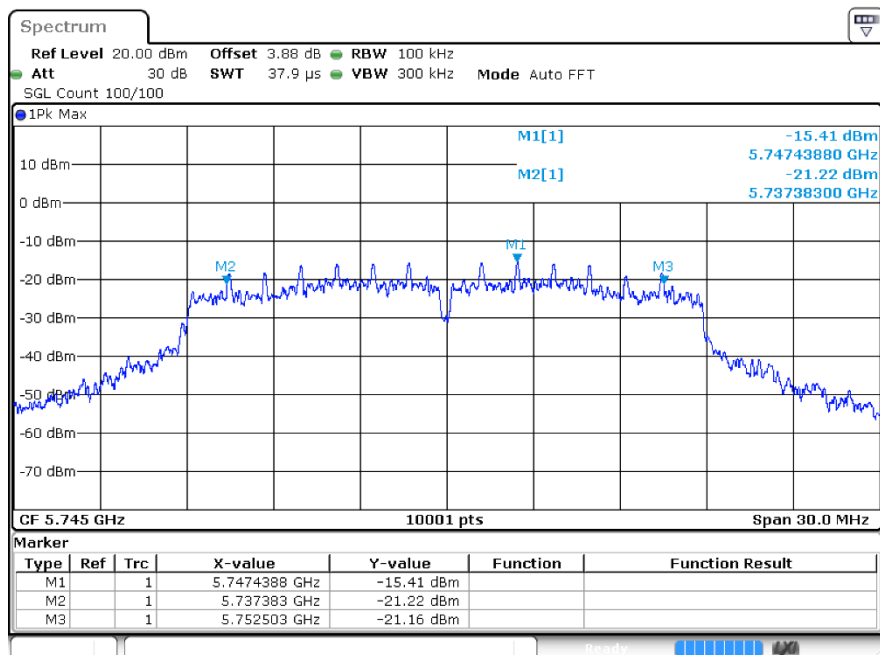




-6dB Bandwidth a 5825MHz Ant1

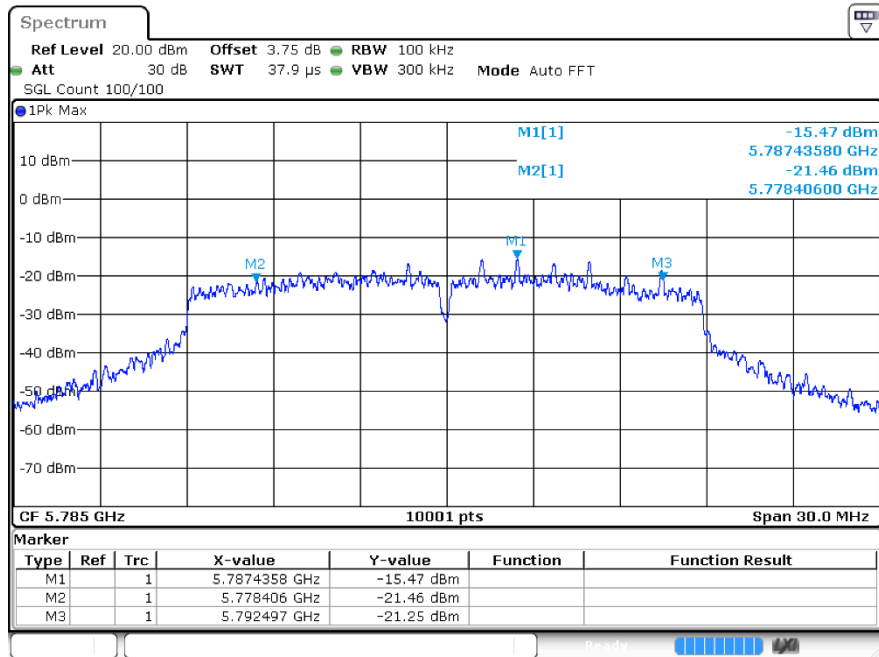


-6dB Bandwidth n20 5745MHz Ant1

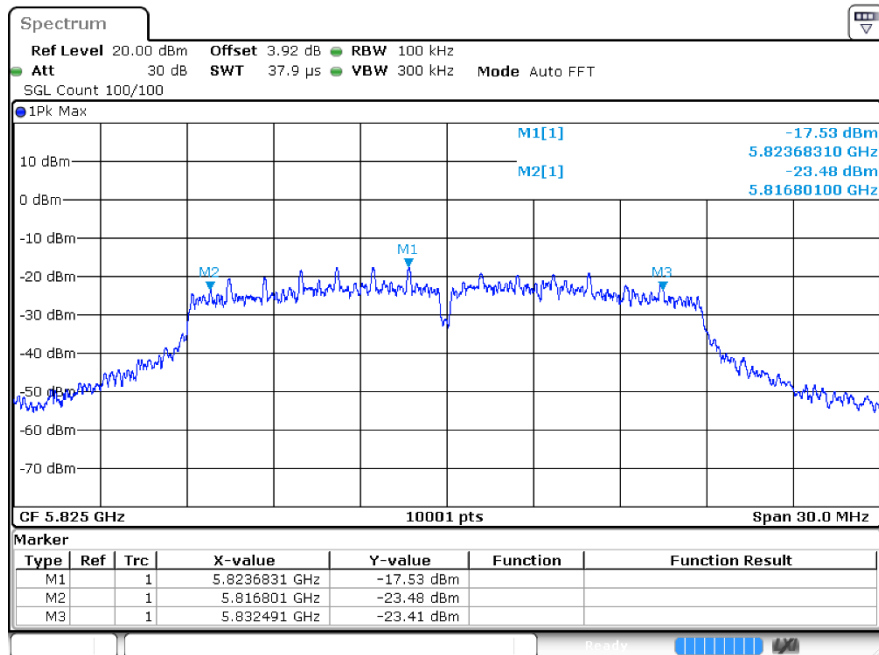




-6dB Bandwidth n20 5785MHz Ant1

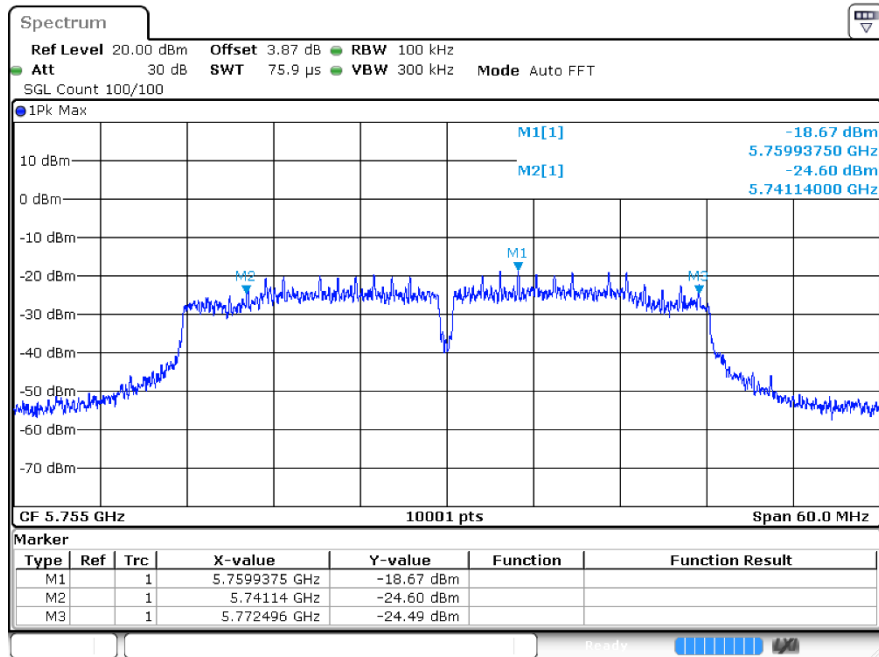


-6dB Bandwidth n20 5825MHz Ant1

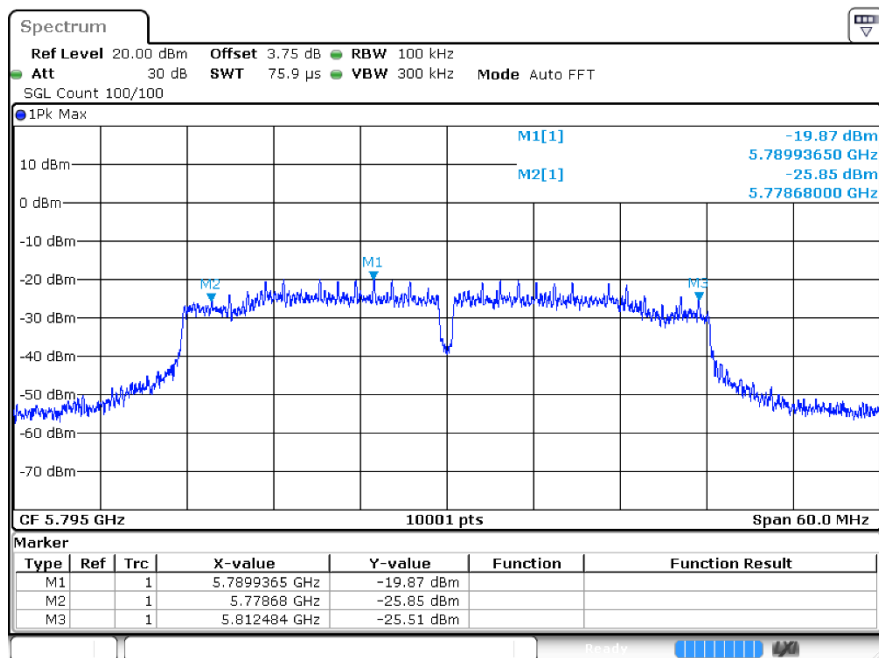




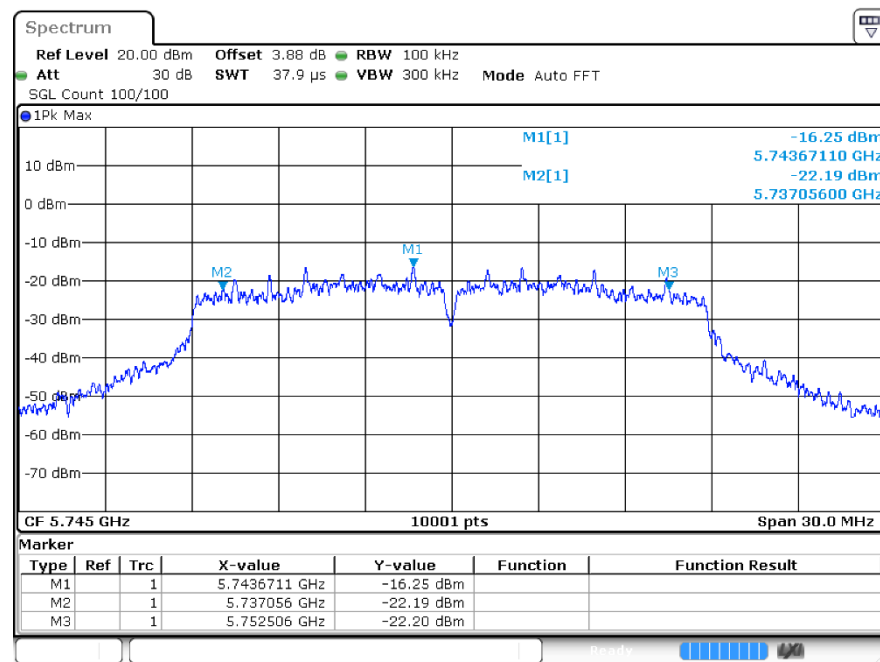
-6dB Bandwidth n40 5755MHz Ant1



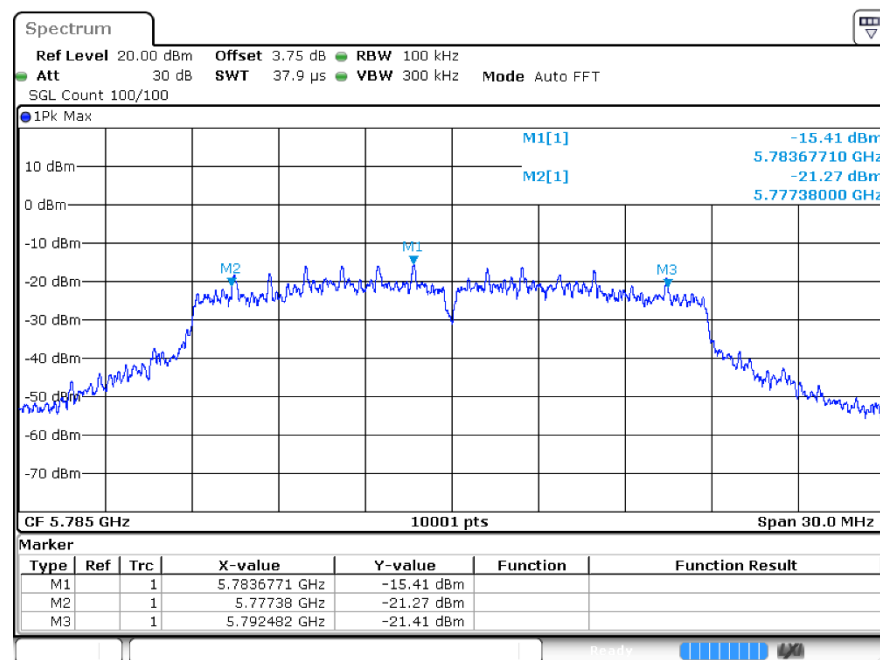
-6dB Bandwidth n40 5795MHz Ant1



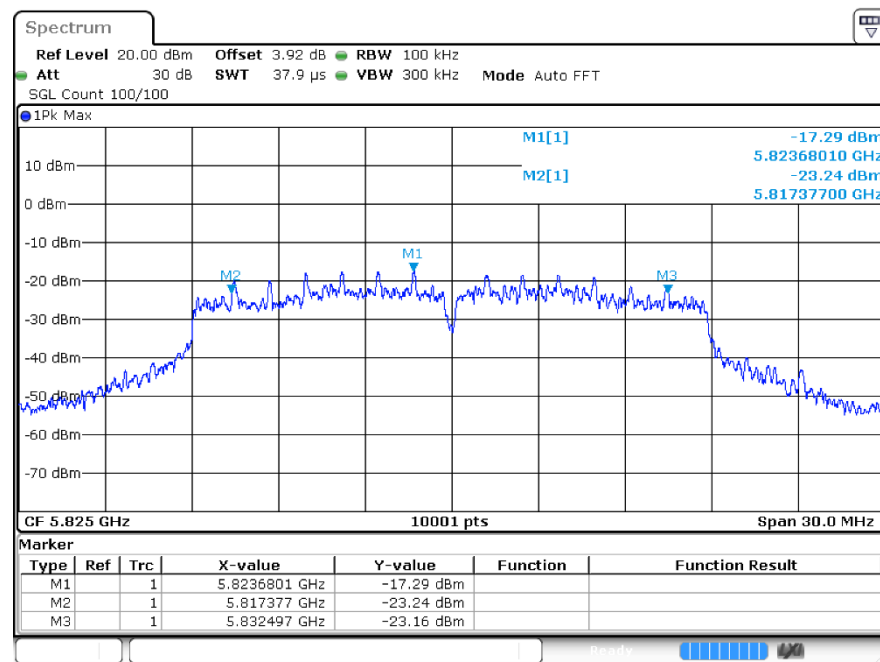
-6dB Bandwidth ac20 5745MHz Ant1



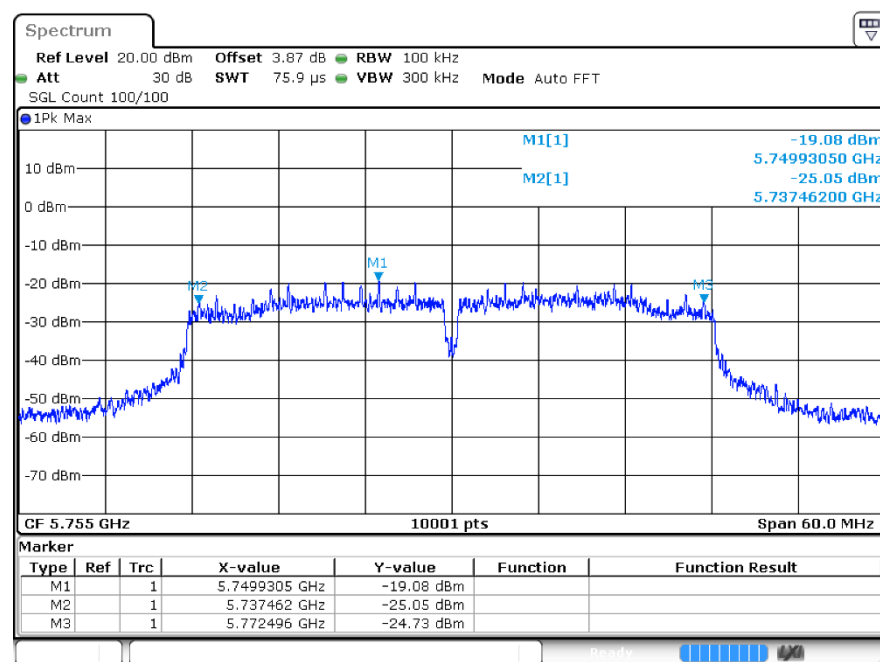
-6dB Bandwidth ac20 5785MHz Ant1



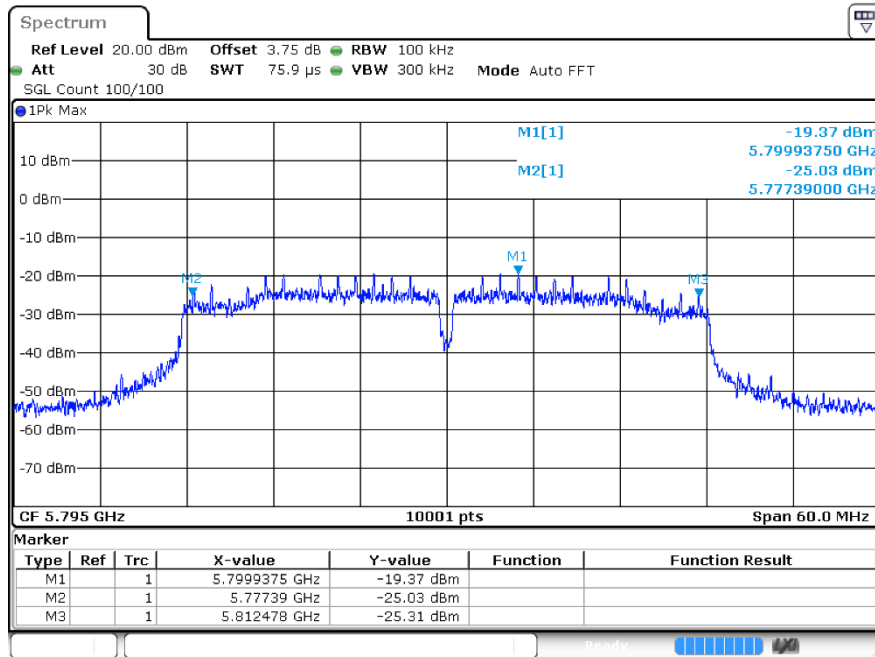
-6dB Bandwidth ac20 5825MHz Ant1



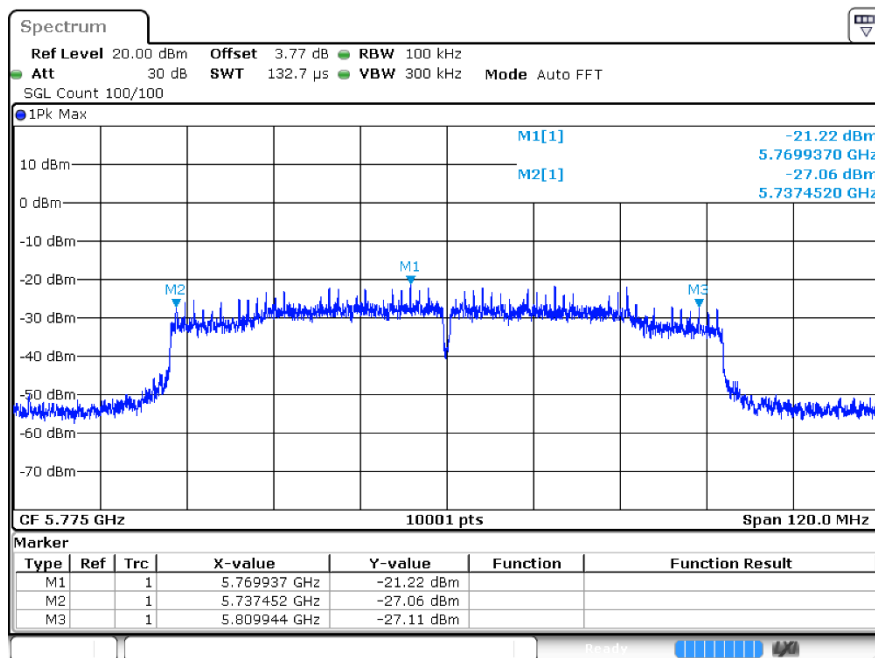
-6dB Bandwidth ac40 5755MHz Ant1



-6dB Bandwidth ac40 5795MHz Ant1



-6dB Bandwidth ac80 5775MHz Ant1



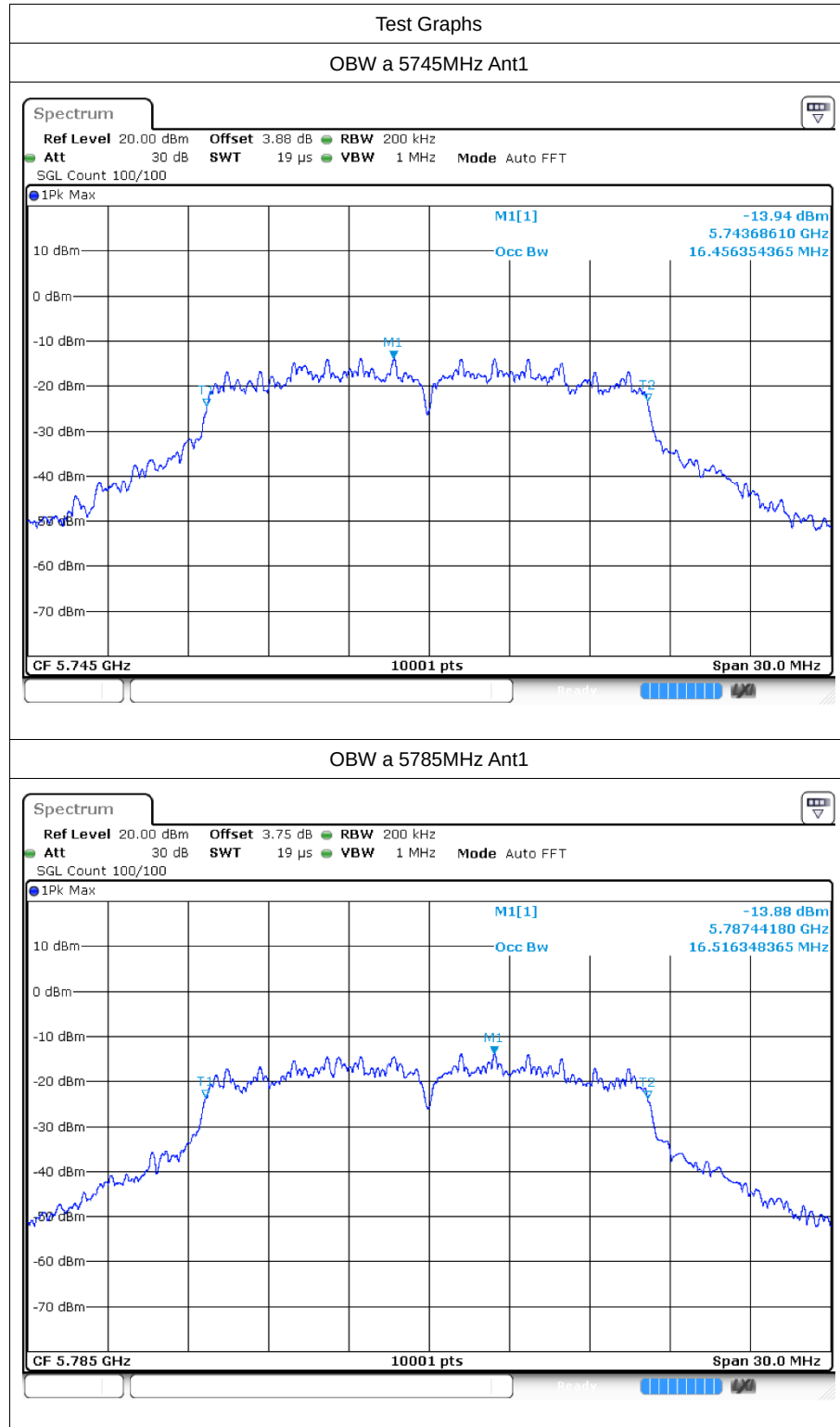


4 Occupied Channel Bandwidth

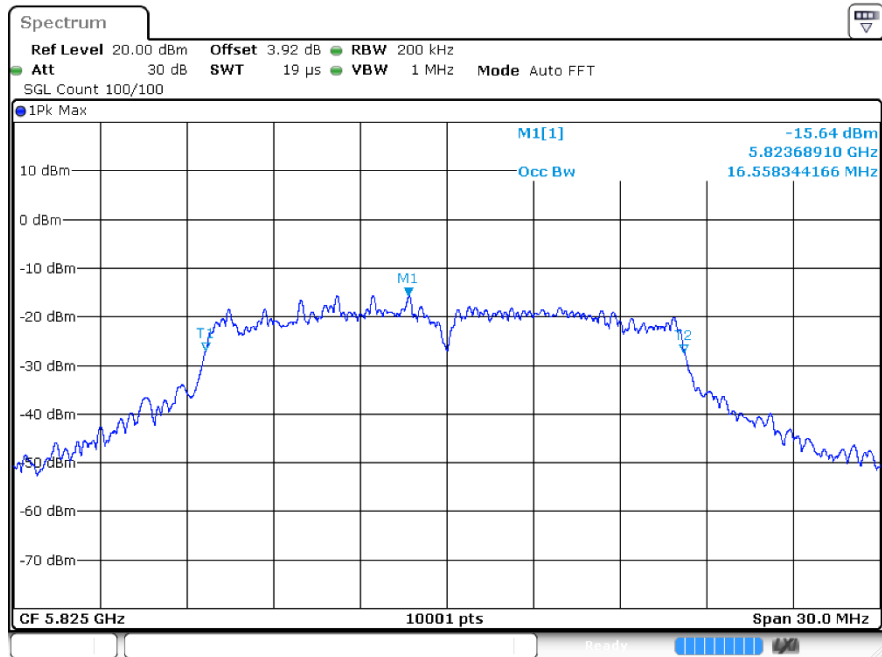
4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5745	Ant1	16.456
a	5785	Ant1	16.516
a	5825	Ant1	16.558
n20	5745	Ant1	17.563
n20	5785	Ant1	17.56
n20	5825	Ant1	17.674
n40	5755	Ant1	36.044
n40	5795	Ant1	36.116
ac20	5745	Ant1	17.614
ac20	5785	Ant1	17.689
ac20	5825	Ant1	17.701
ac40	5755	Ant1	36.212
ac40	5795	Ant1	36.002
ac80	5775	Ant1	75.184

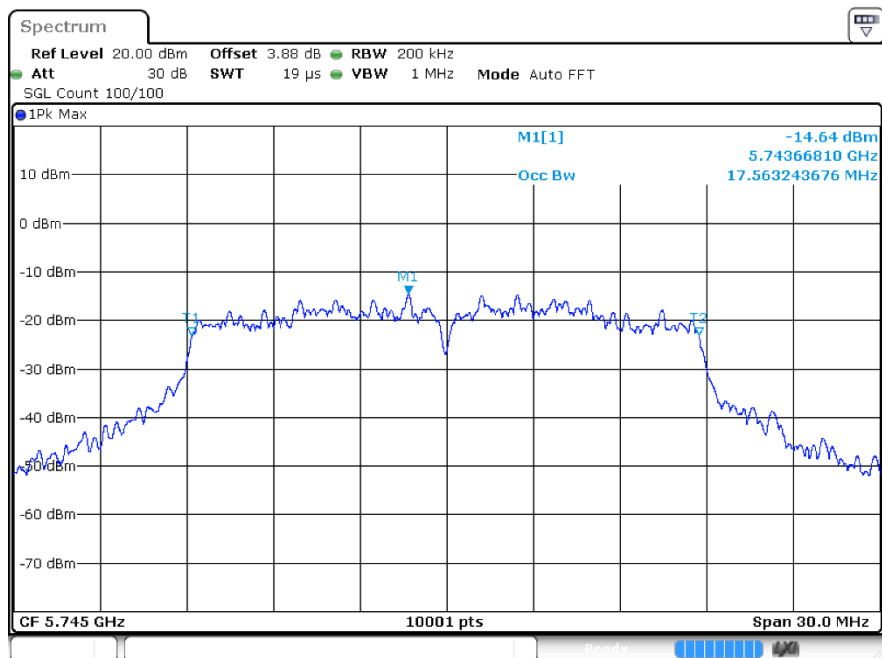
4.2 Test Graphs



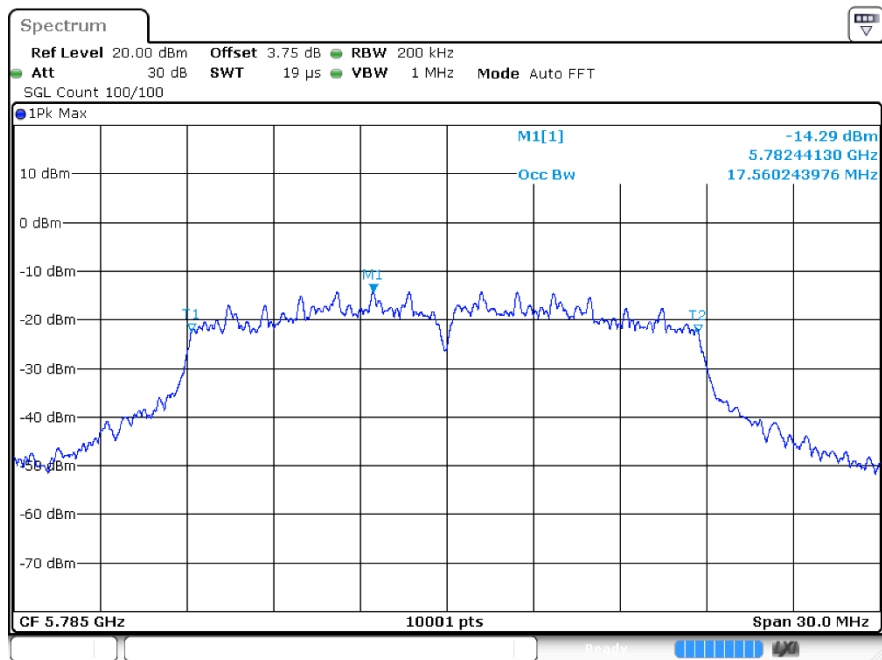
OBW a 5825MHz Ant1



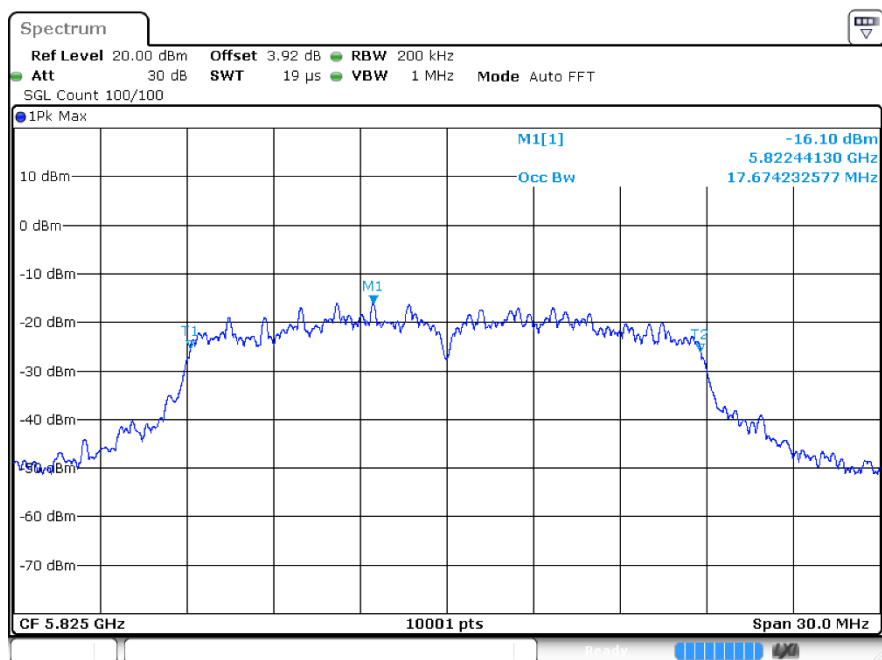
OBW n20 5745MHz Ant1



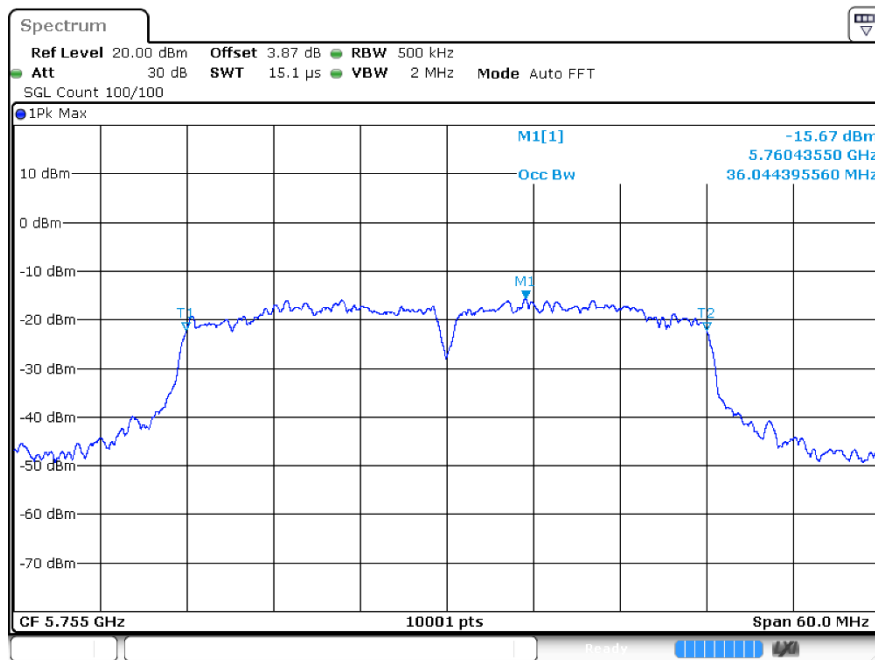
OBW n20 5785MHz Ant1



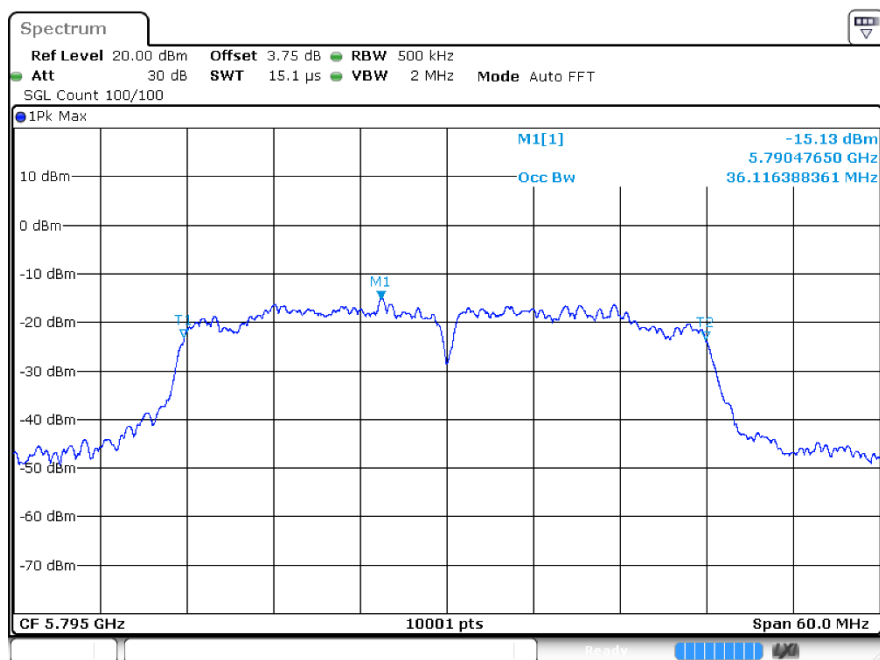
OBW n20 5825MHz Ant1



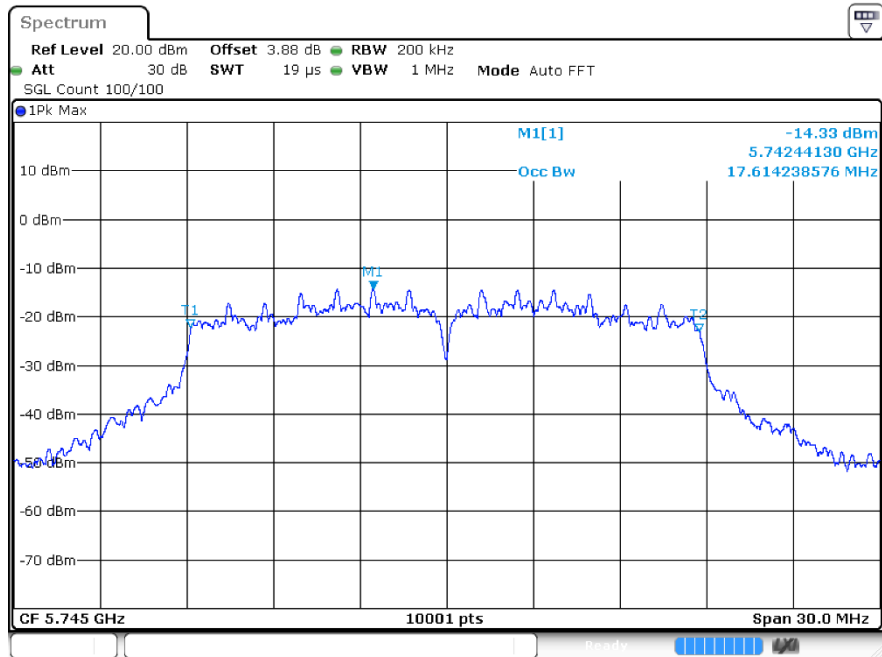
OBW n40 5755MHz Ant1



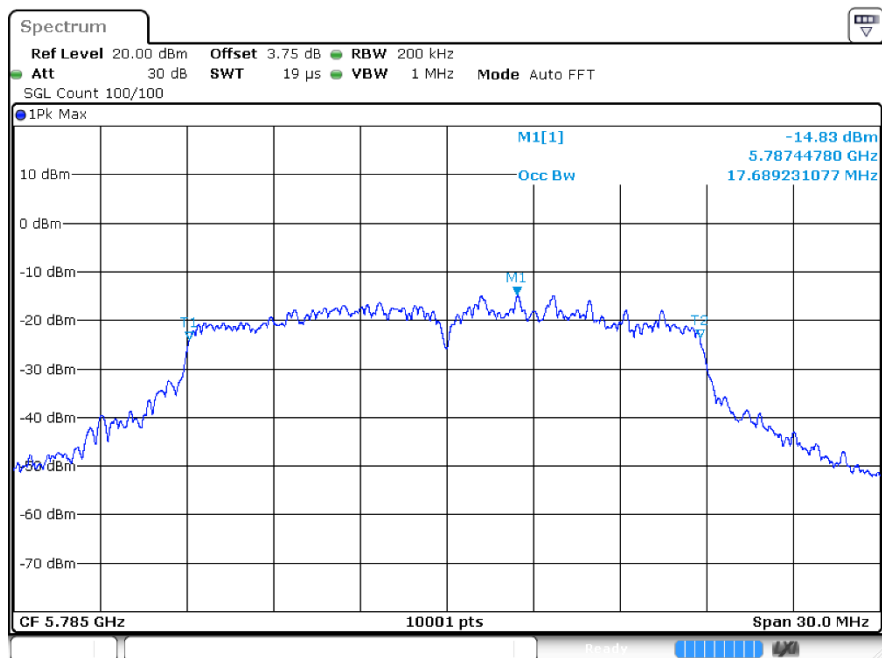
OBW n40 5795MHz Ant1



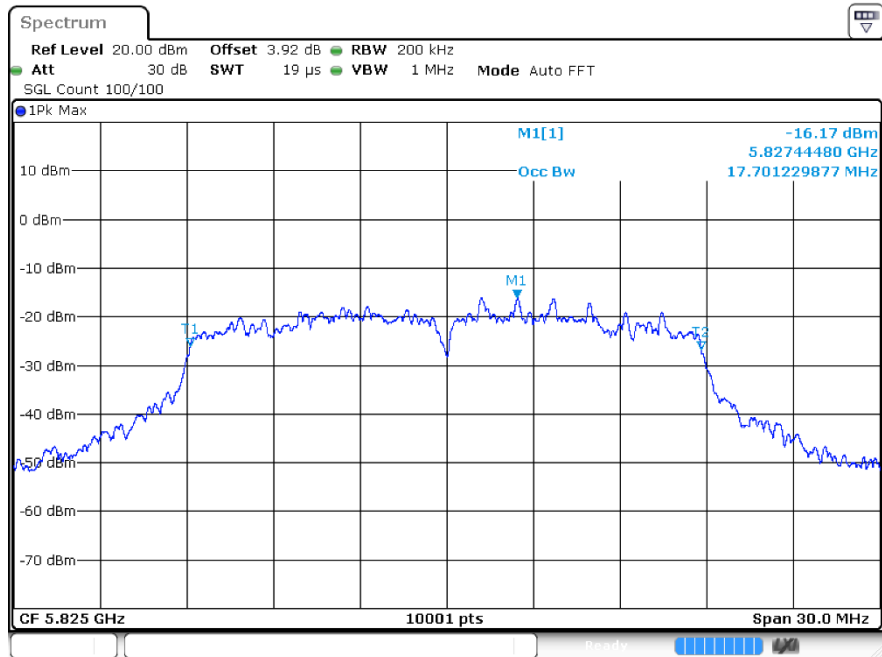
OBW ac20 5745MHz Ant1



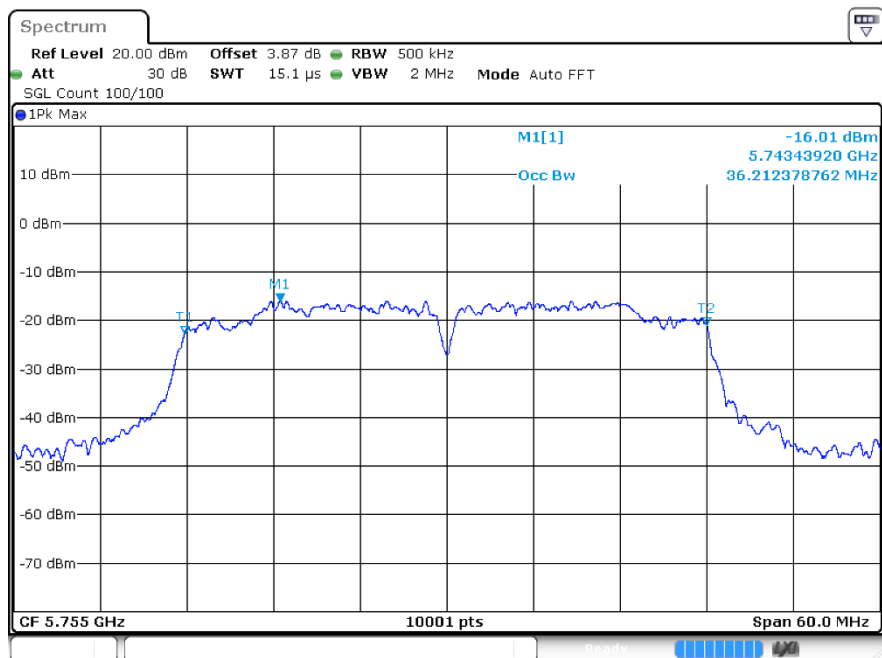
OBW ac20 5785MHz Ant1



OBW ac20 5825MHz Ant1

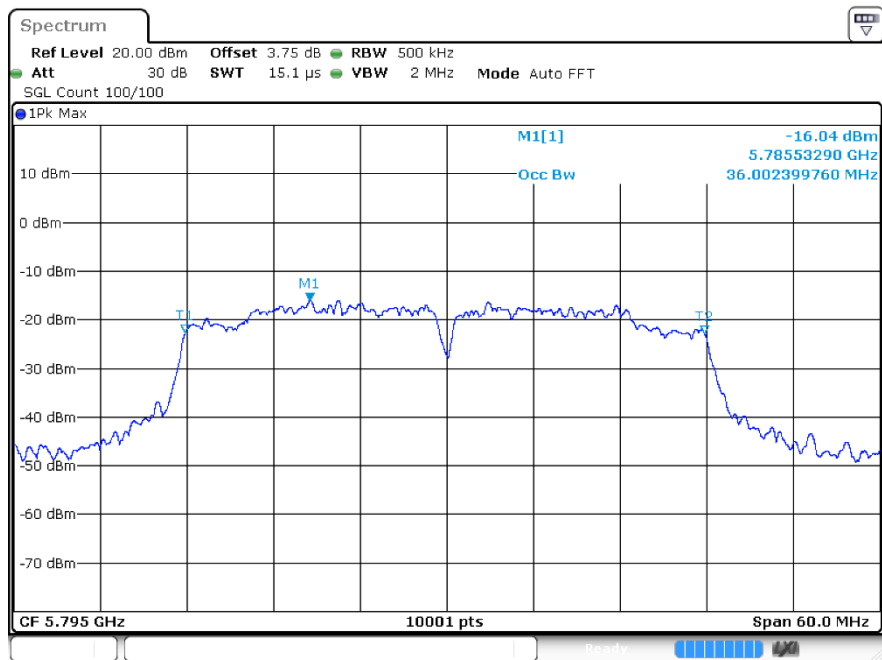


OBW ac40 5755MHz Ant1

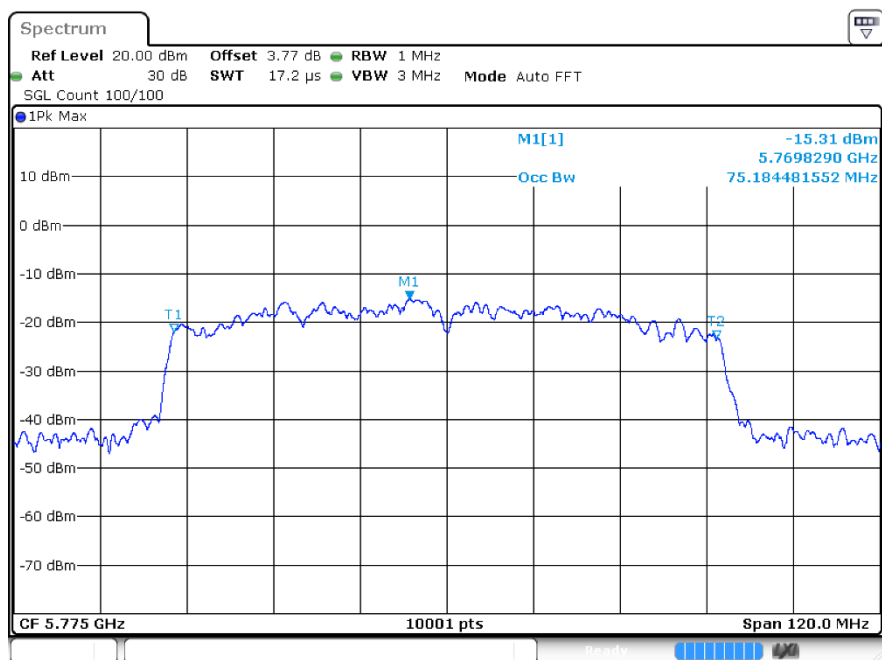




OBW ac40 5795MHz Ant1



OBW ac80 5775MHz Ant1



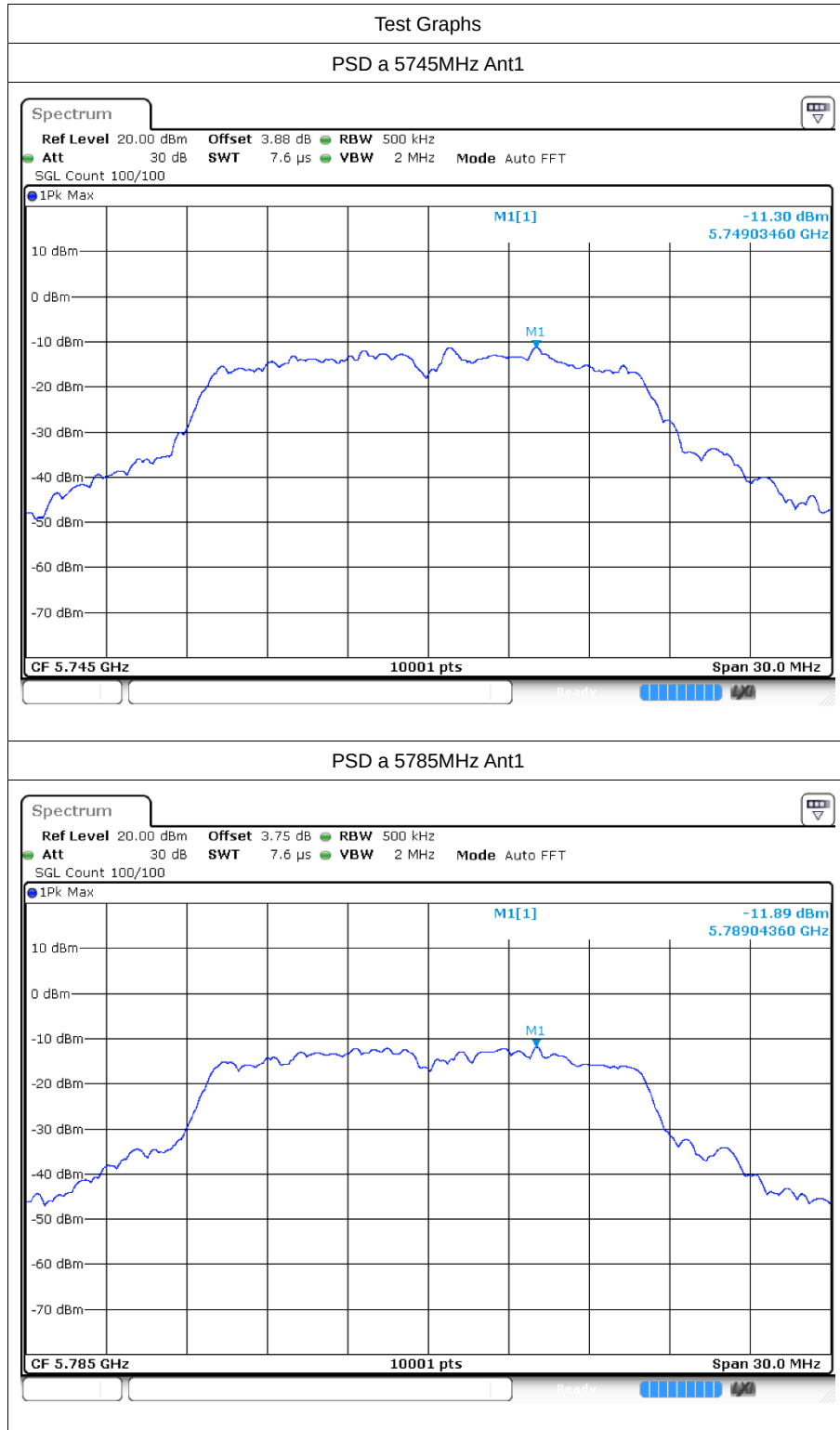


5 Maximum Power Spectral Density Level

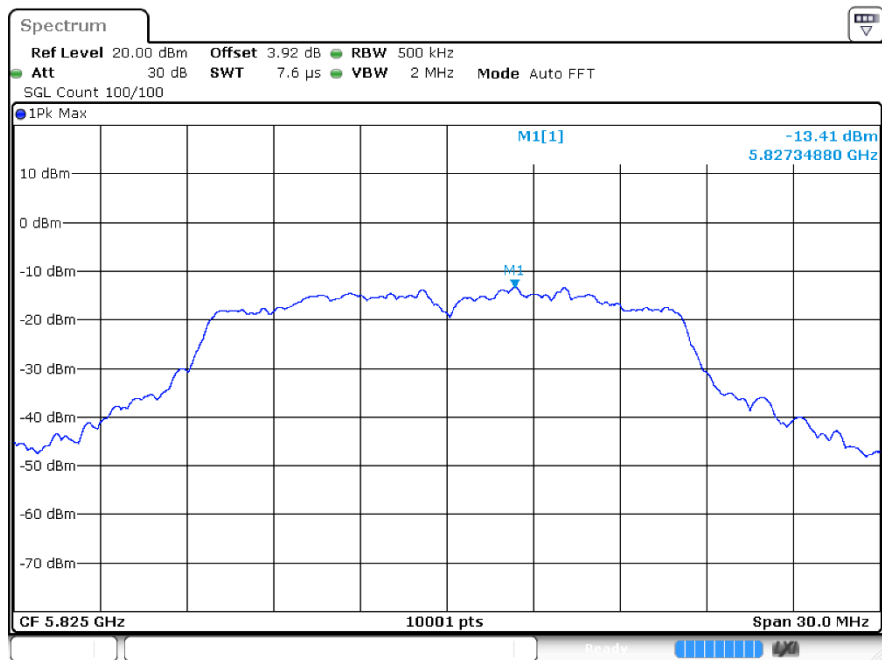
5.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	-11.3	0.62	-10.68	30	Pass
a	5785	Ant1	-11.89	0.62	-11.27	30	Pass
a	5825	Ant1	-13.41	0.62	-12.79	30	Pass
n20	5745	Ant1	-12.53	0.58	-11.95	30	Pass
n20	5785	Ant1	-12.56	0.58	-11.98	30	Pass
n20	5825	Ant1	-14.31	0.62	-13.69	30	Pass
n40	5755	Ant1	-15.98	1.19	-14.79	30	Pass
n40	5795	Ant1	-15.26	1.19	-14.07	30	Pass
ac20	5745	Ant1	-13.19	0.6	-12.59	30	Pass
ac20	5785	Ant1	-12.42	0.61	-11.81	30	Pass
ac20	5825	Ant1	-13.97	0.64	-13.33	30	Pass
ac40	5755	Ant1	-15.96	1.25	-14.71	30	Pass
ac40	5795	Ant1	-16.32	1.25	-15.07	30	Pass
ac80	5775	Ant1	-16.94	1.36	-15.58	30	Pass

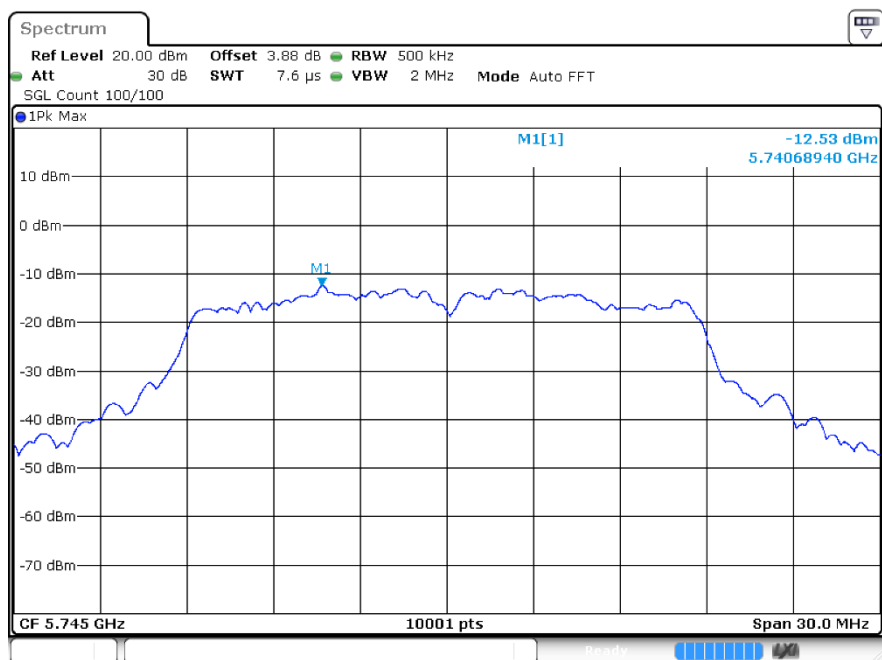
5.2 Test Graphs

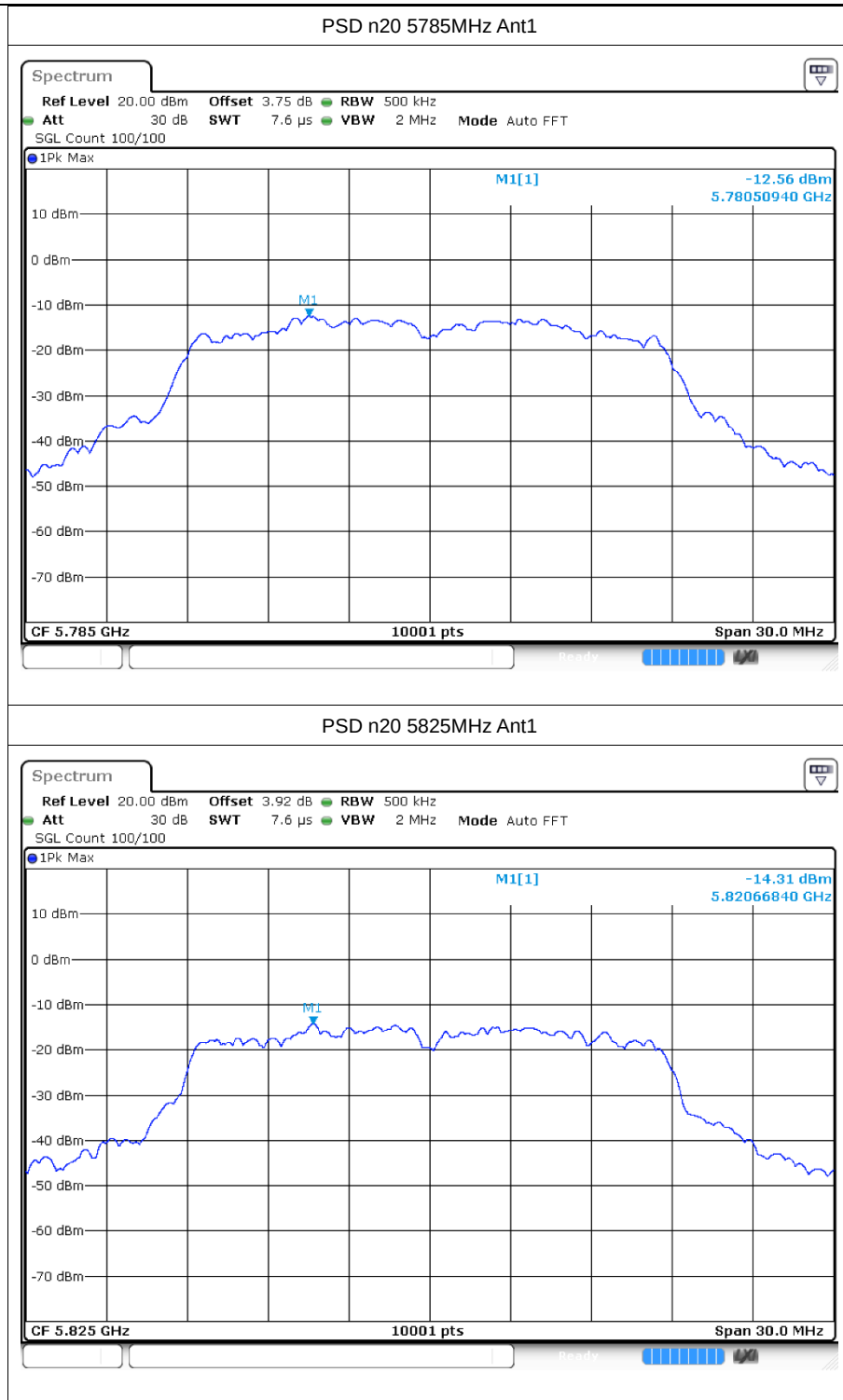


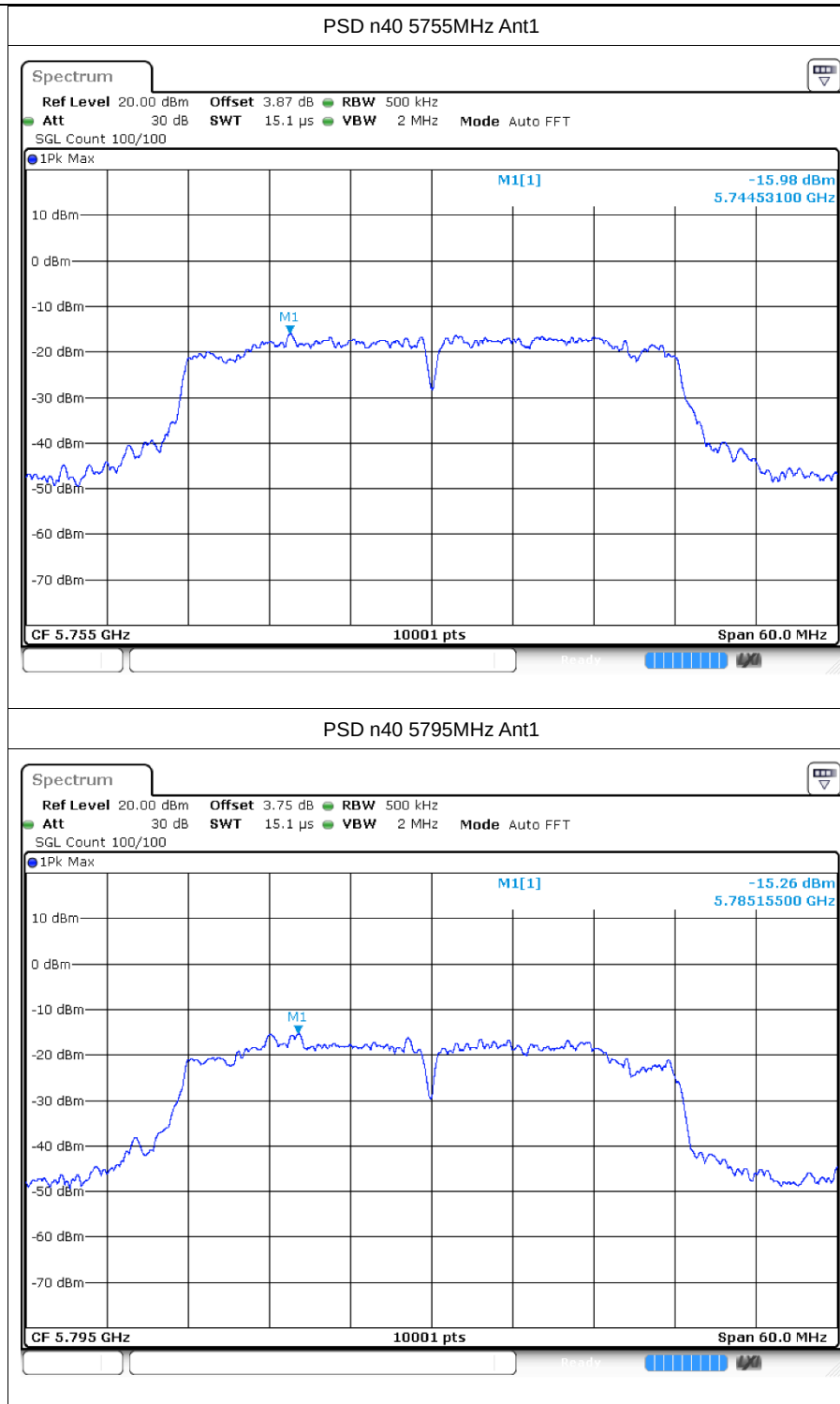
PSD a 5825MHz Ant1



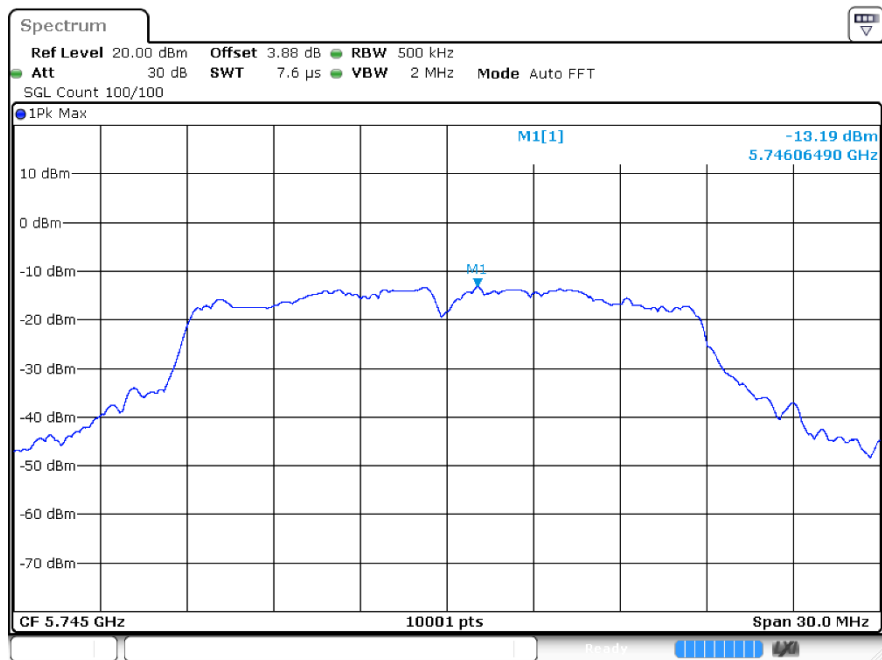
PSD n20 5745MHz Ant1



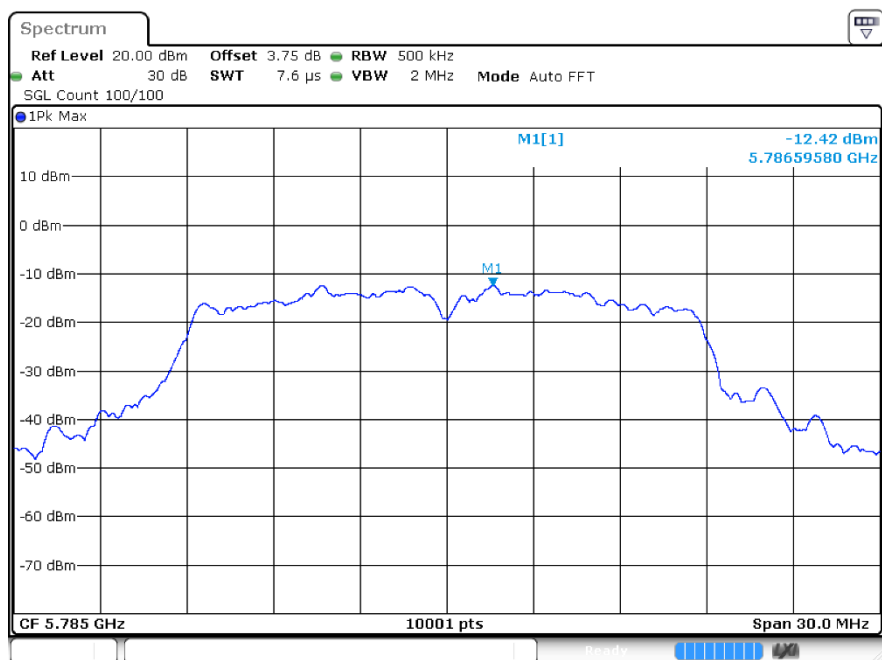




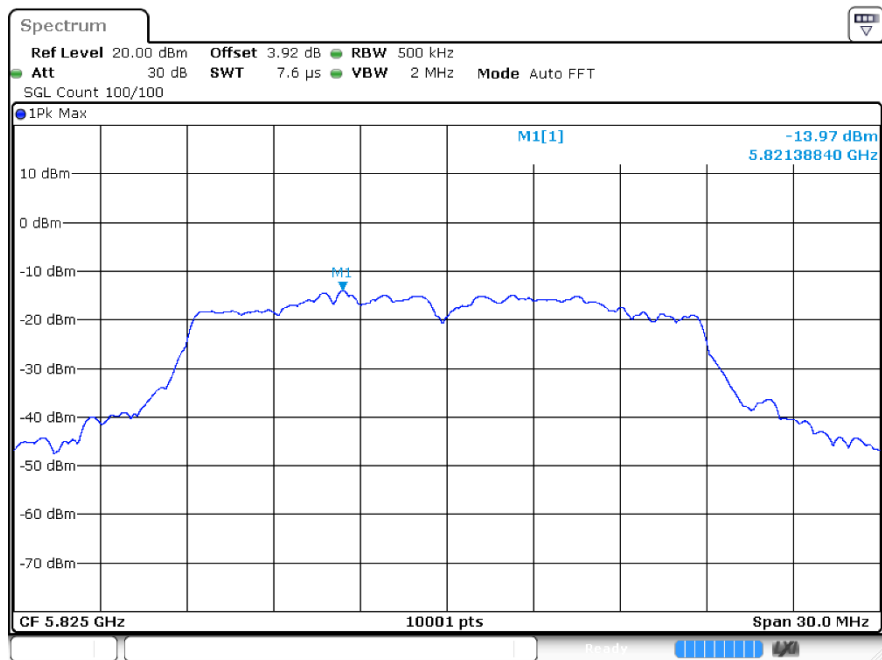
PSD ac20 5745MHz Ant1



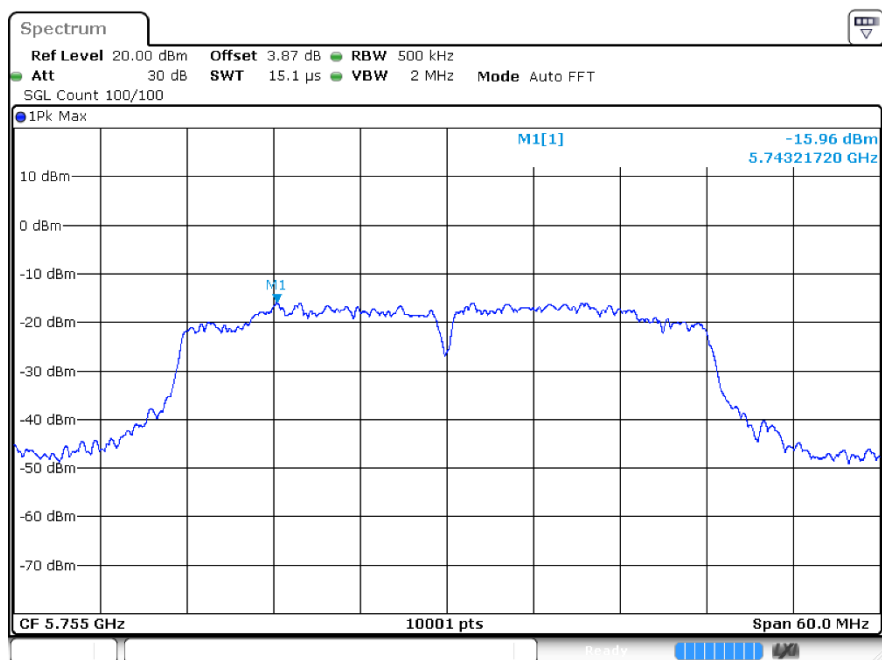
PSD ac20 5785MHz Ant1



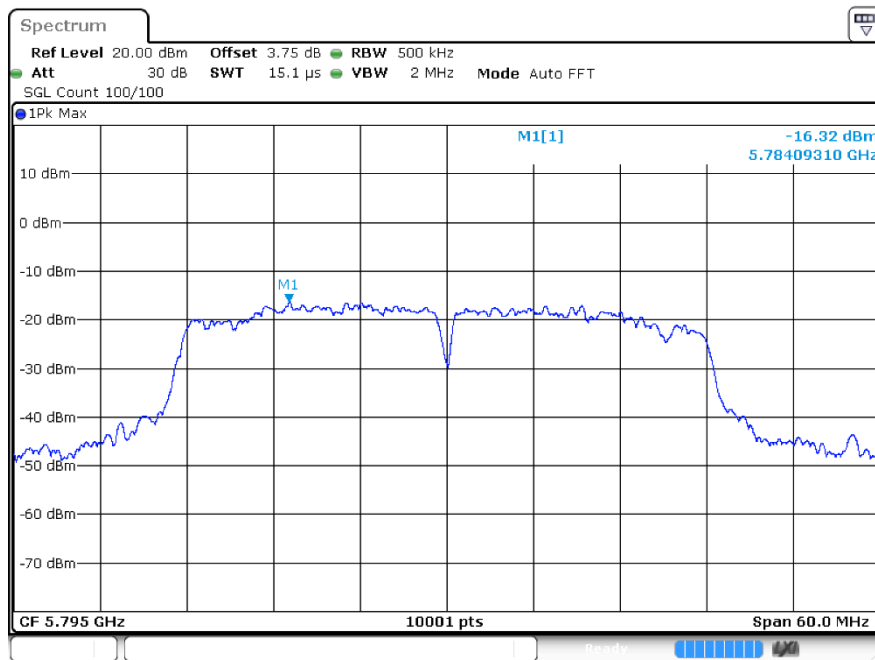
PSD ac20 5825MHz Ant1



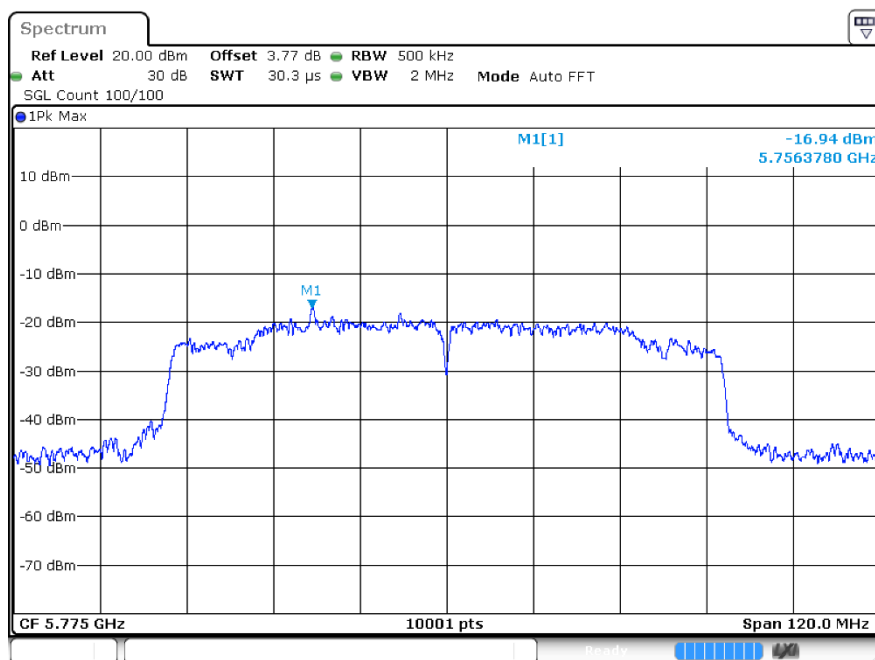
PSD ac40 5755MHz Ant1



PSD ac40 5795MHz Ant1



PSD ac80 5775MHz Ant1





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	5744.96	-40000	-6.96	25	Pass
20C 138V	a	5745	Ant1	5744.92	-80000	-13.93	25	Pass
-20C 120V	a	5745	Ant1	5744.92	-80000	-13.93	25	Pass
-10C 120V	a	5745	Ant1	5744.92	-80000	-13.93	25	Pass
0C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
10C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
30C 120V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
50C 120V	a	5745	Ant1	5744.94	-60000	-10.44	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	5784.96	-40000	-6.91	25	Pass
10C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
30C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
40C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
50C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 102V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 120V	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 138V	a	5825	Ant1	5824.92	-80000	-13.73	25	Pass
-20C 120V	a	5825	Ant1	5824.94	-60000	-10.3	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	5824.96	-40000	-6.87	25	Pass
30C 120V	a	5825	Ant1	5824.94	-60000	-10.3	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	5744.9	-100000	-17.41	25	Pass
20C 120V	n20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
20C 138V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-20C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
-10C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass



0C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
10C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
30C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
40C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
50C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 102V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 120V	n20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
20C 138V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
-20C 120V	n20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
-10C 120V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
0C 120V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
10C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
30C 120V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
40C 120V	n20	5785	Ant1	5784.66	-340000	-58.77	25	Pass
50C 120V	n20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
20C 102V	n20	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 120V	n20	5825	Ant1	5824.94	-60000	-10.3	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	5824.94	-60000	-10.3	25	Pass
0C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30C 120V	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
40C 120V	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
50C 120V	n20	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 102V	n40	5755	Ant1	5754.92	-80000	-13.9	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	5754.92	-80000	-13.9	25	Pass
40C 120V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
50C 120V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 102V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 138V	n40	5795	Ant1	5795	0	0	25	Pass
-20C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	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	5794.96	-40000	-6.9	25	Pass
30C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass



40C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
50C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 102V	ac20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
20C 120V	ac20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
20C 138V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-20C 120V	ac20	5745	Ant1	5744.92	-80000	-13.93	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	5744.94	-60000	-10.44	25	Pass
30C 120V	ac20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
40C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
50C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 102V	ac20	5785	Ant1	5784.88	-120000	-20.74	25	Pass
20C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 138V	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
-20C 120V	ac20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
-10C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0C 120V	ac20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
10C 120V	ac20	5785	Ant1	5785.02	20000	3.46	25	Pass
30C 120V	ac20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
40C 120V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
50C 120V	ac20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
20C 102V	ac20	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 120V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 138V	ac20	5825	Ant1	5824.92	-80000	-13.73	25	Pass
-20C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
-10C 120V	ac20	5825	Ant1	5824.92	-80000	-13.73	25	Pass
0C 120V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30C 120V	ac20	5825	Ant1	5824.92	-80000	-13.73	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	5754.92	-80000	-13.9	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	5755	0	0	25	Pass
-10C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10C 120V	ac40	5755	Ant1	5754.92	-80000	-13.9	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	5754.92	-80000	-13.9	25	Pass
20C 102V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass



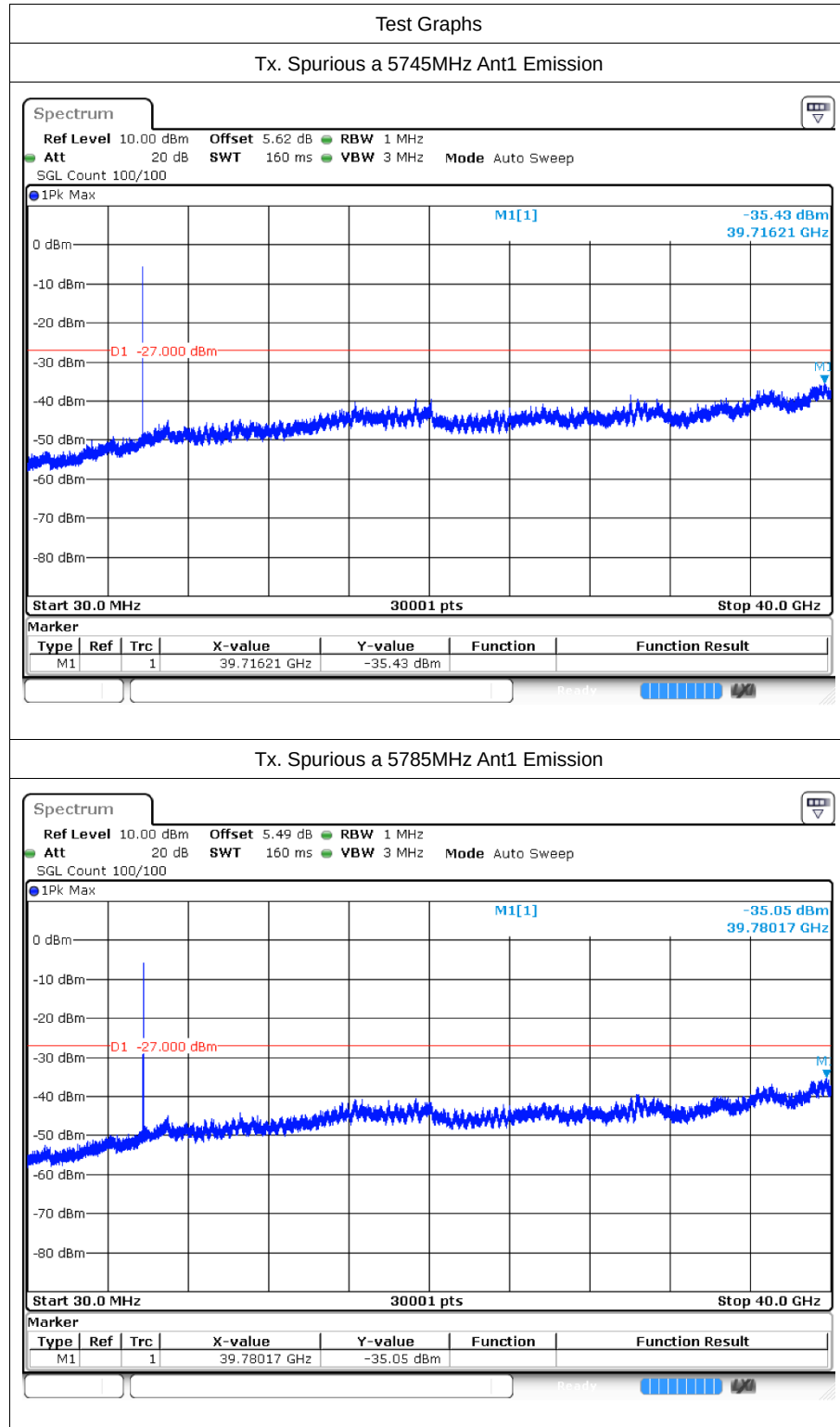
20C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 138V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
-20C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
-10C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
0C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
10C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
30C 120V	ac40	5795	Ant1	5794.88	-120000	-20.71	25	Pass
40C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
50C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 102V	ac80	5775	Ant1	5775	0	0	25	Pass
20C 120V	ac80	5775	Ant1	5774.76	-240000	-41.56	25	Pass
20C 138V	ac80	5775	Ant1	5775.08	80000	13.85	25	Pass
-20C 120V	ac80	5775	Ant1	5773.4	-1600000	-277.06	25	Pass
-10C 120V	ac80	5775	Ant1	5774.44	-560000	-96.97	25	Pass
0C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
10C 120V	ac80	5775	Ant1	5774.76	-240000	-41.56	25	Pass
30C 120V	ac80	5775	Ant1	5775.08	80000	13.85	25	Pass
40C 120V	ac80	5775	Ant1	5774.76	-240000	-41.56	25	Pass
50C 120V	ac80	5775	Ant1	5775.08	80000	13.85	25	Pass

7 Conducted RF Spurious Emission

7.1 Test Result

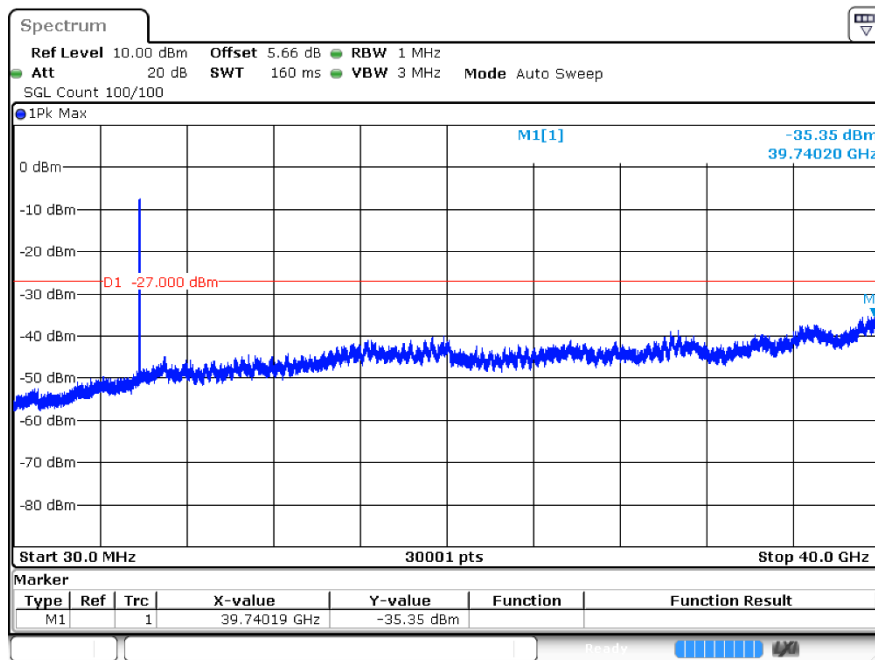
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
a	5745	Ant1	-35.42	-27	Pass
a	5785	Ant1	-35.05	-27	Pass
a	5825	Ant1	-35.35	-27	Pass
n20	5745	Ant1	-35.31	-27	Pass
n20	5785	Ant1	-35.23	-27	Pass
n20	5825	Ant1	-35	-27	Pass
n40	5755	Ant1	-35.09	-27	Pass
n40	5795	Ant1	-34.06	-27	Pass
ac20	5745	Ant1	-34.46	-27	Pass
ac20	5785	Ant1	-34.83	-27	Pass
ac20	5825	Ant1	-34.62	-27	Pass
ac40	5755	Ant1	-34.61	-27	Pass
ac40	5795	Ant1	-34.52	-27	Pass
ac80	5775	Ant1	-35.19	-27	Pass

7.2 Test Graphs

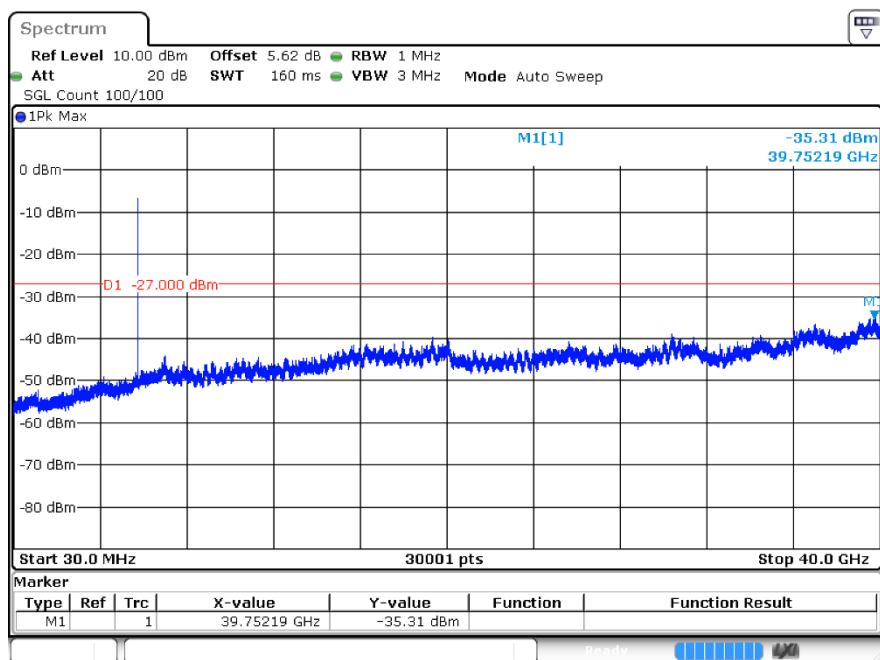




Tx. Spurious a 5825MHz Ant1 Emission

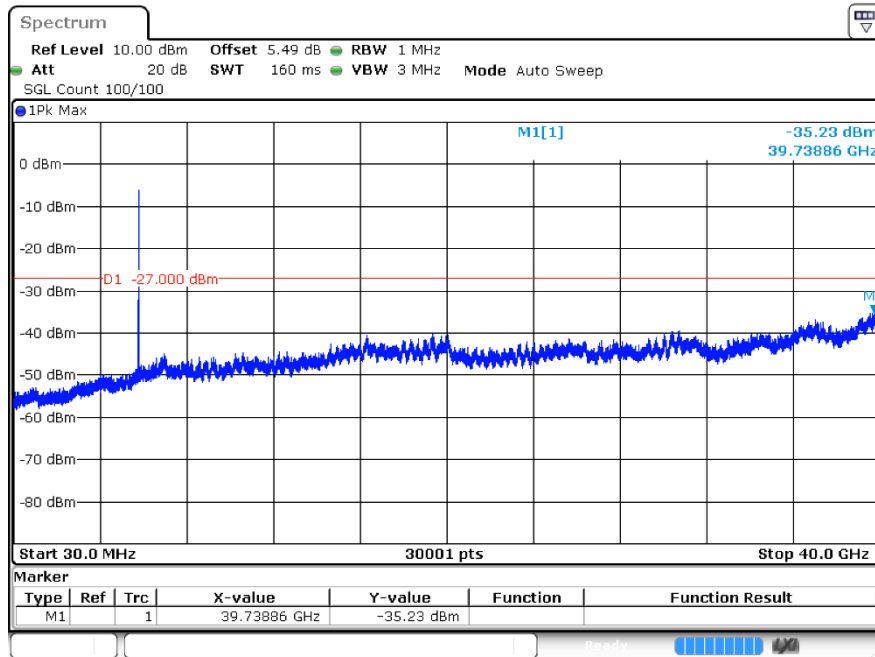


Tx. Spurious n20 5745MHz Ant1 Emission

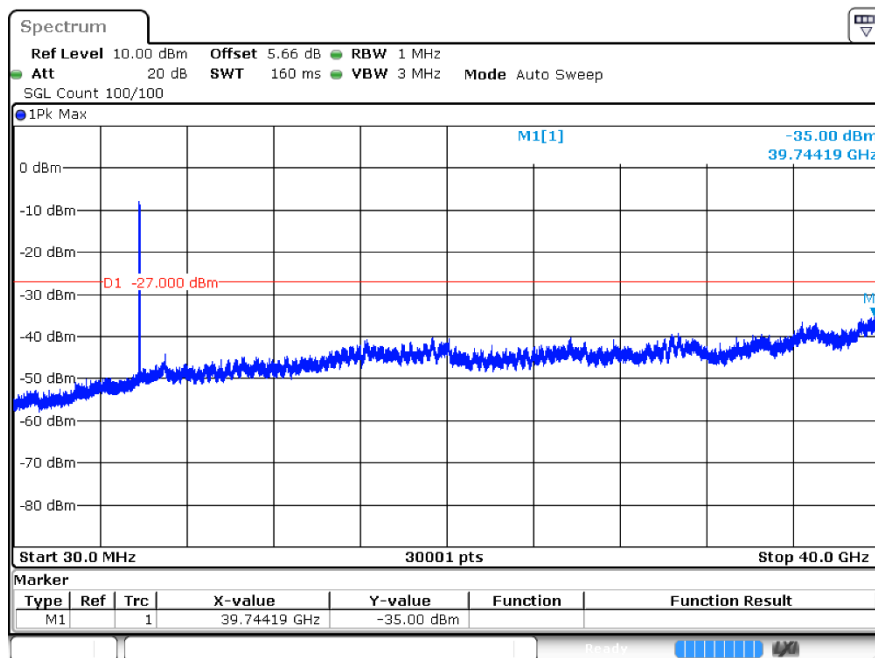




Tx. Spurious n20 5785MHz Ant1 Emission

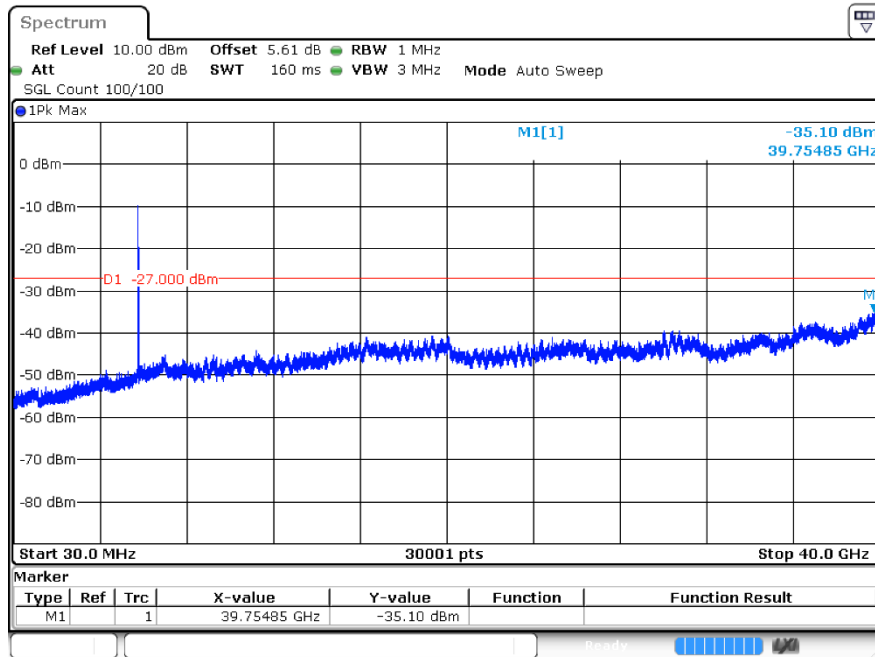


Tx. Spurious n20 5825MHz Ant1 Emission

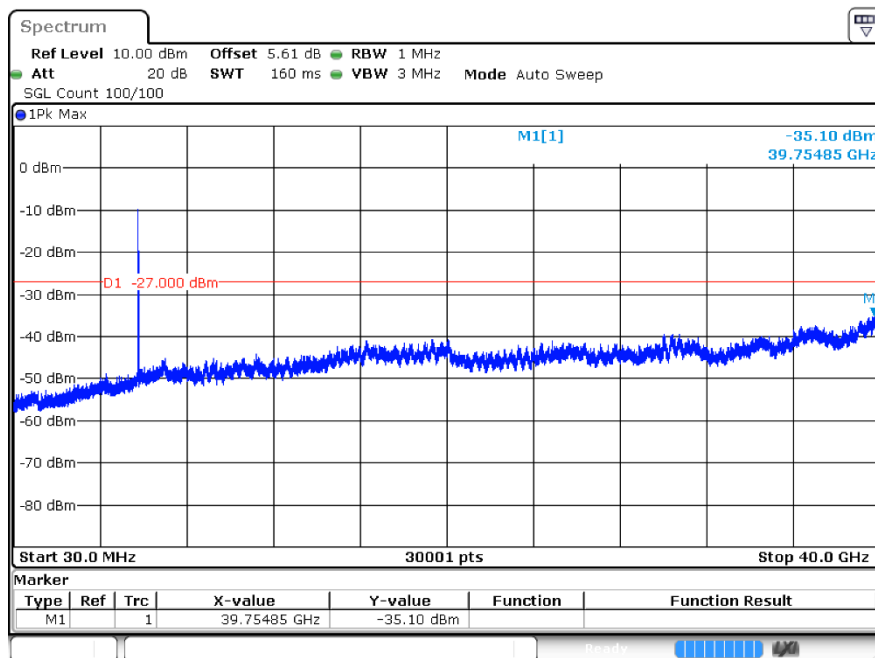




Tx. Spurious n40 5755MHz Ant1 Emission

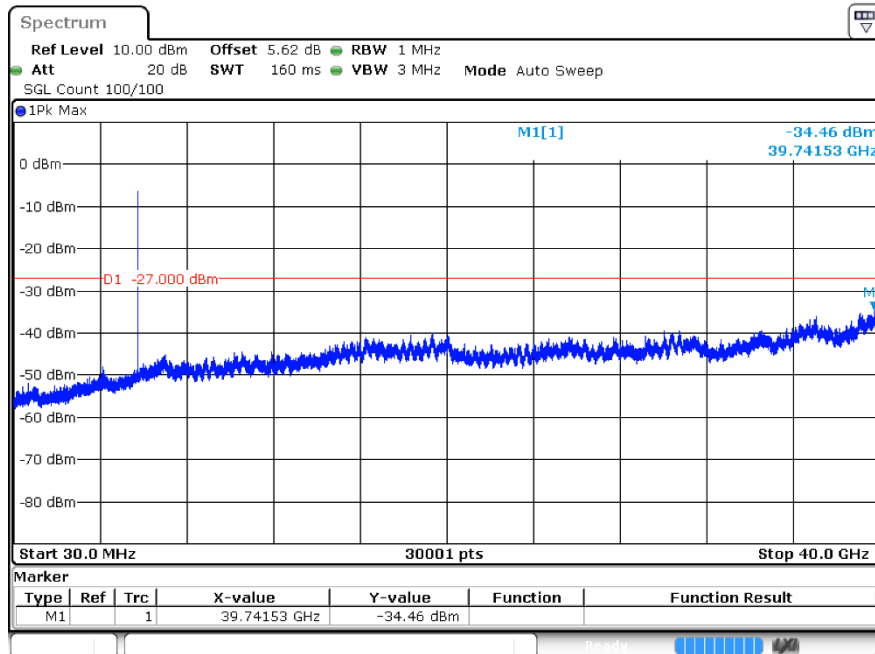


Tx. Spurious n40 5795MHz Ant1 Emission

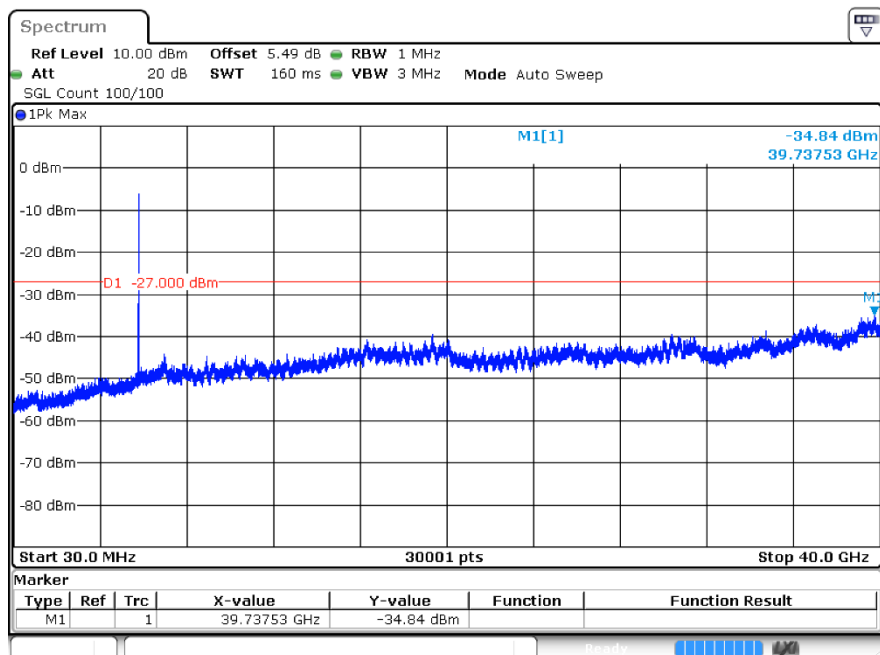




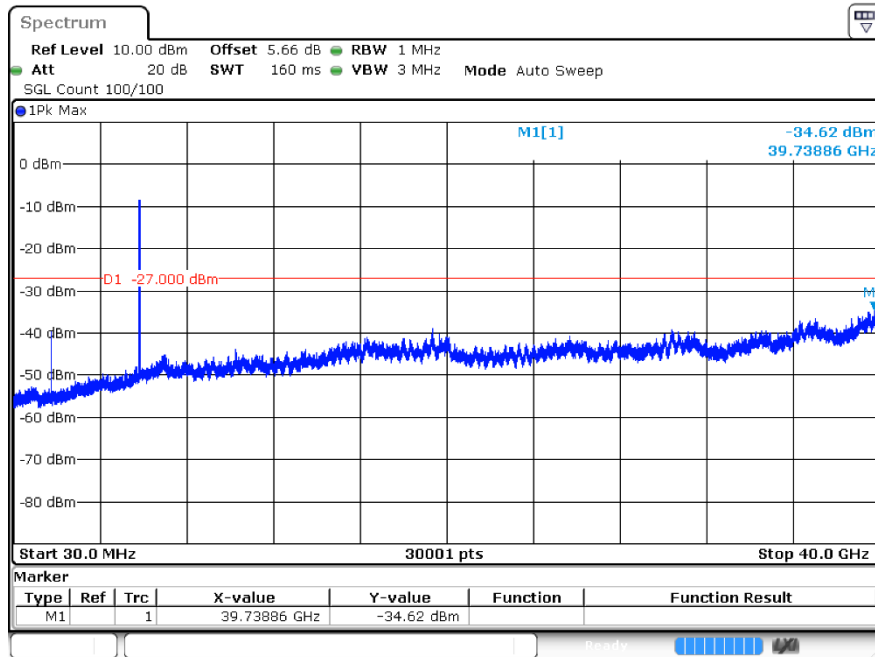
Tx. Spurious ac20 5745MHz Ant1 Emission



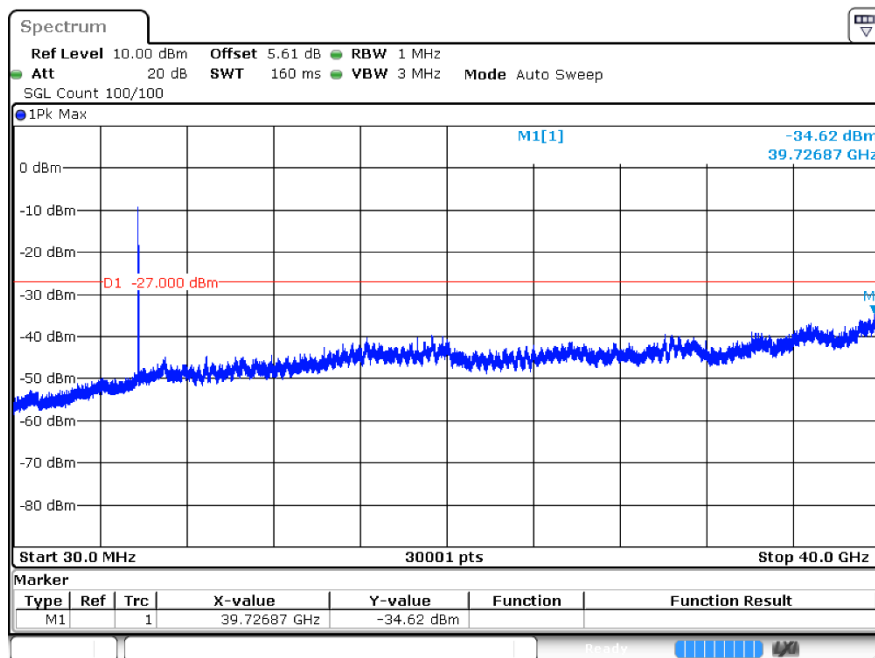
Tx. Spurious ac20 5785MHz Ant1 Emission



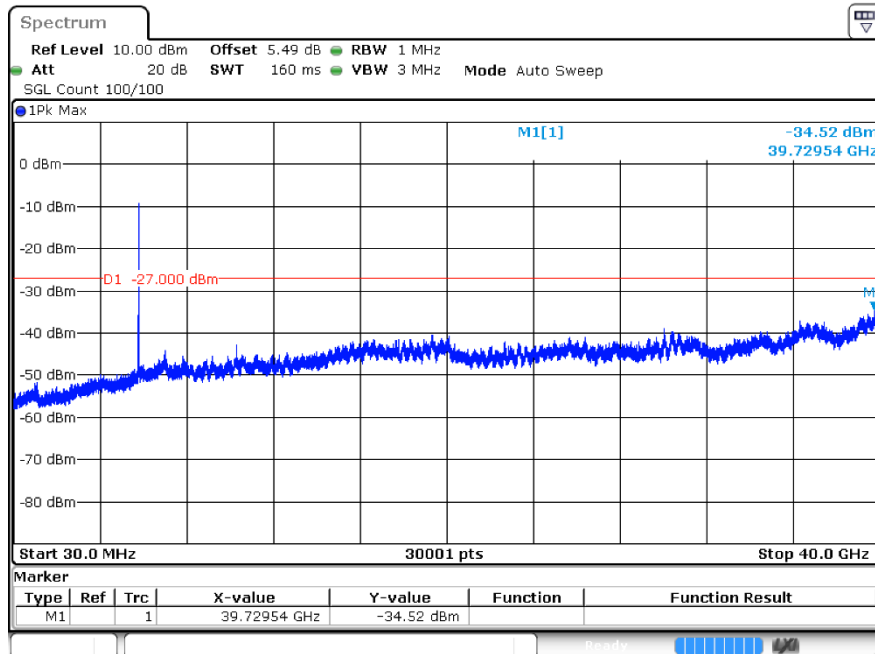
Tx. Spurious ac20 5825MHz Ant1 Emission



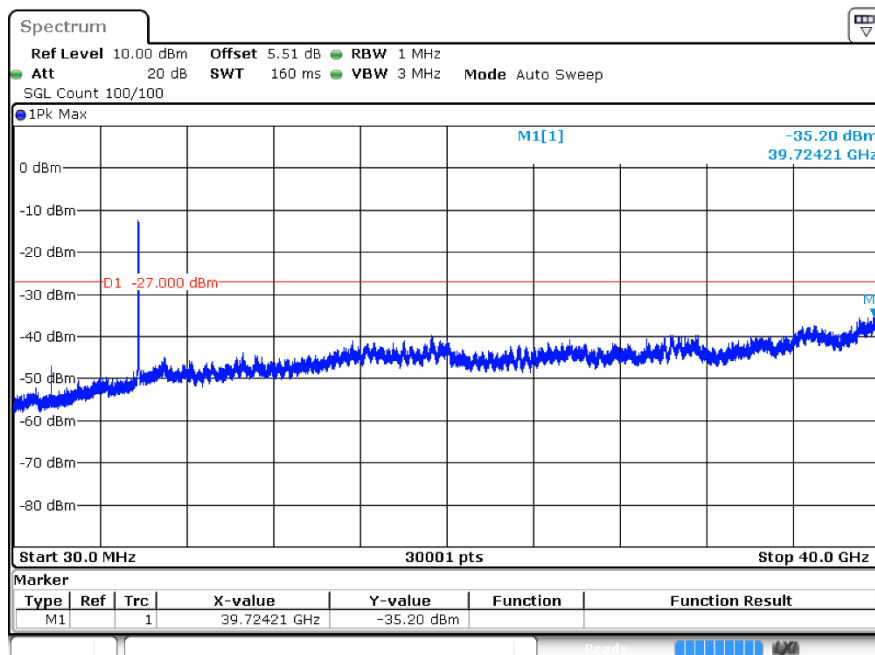
Tx. Spurious ac40 5755MHz Ant1 Emission



Tx. Spurious ac40 5795MHz Ant1 Emission



Tx. Spurious ac80 5775MHz Ant1 Emission





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	-40.64	2	-38.64	Peak	-27	Pass
a	5745	Ant1	5650	-50.45	2	-48.45	Average	-27	Pass
a	5745	Ant1	5700	-42.89	2	-40.89	Peak	10	Pass
a	5745	Ant1	5700	-50.88	2	-48.88	Average	10	Pass
a	5745	Ant1	5720	-43.25	2	-41.25	Peak	15.6	Pass
a	5745	Ant1	5720	-51.39	2	-49.39	Average	15.6	Pass
a	5745	Ant1	5725	-42.69	2	-40.69	Peak	27	Pass
a	5745	Ant1	5725	-50.9	2	-48.9	Average	27	Pass
a	5825	Ant1	5850	-42.46	2	-40.46	Peak	27	Pass
a	5825	Ant1	5850	-49.85	2	-47.85	Average	27	Pass
a	5825	Ant1	5855	-41.24	2	-39.24	Peak	15.6	Pass
a	5825	Ant1	5855	-50.17	2	-48.17	Average	15.6	Pass
a	5825	Ant1	5875	-41.75	2	-39.75	Peak	10	Pass
a	5825	Ant1	5875	-49.76	2	-47.76	Average	10	Pass
a	5825	Ant1	5925	-42.37	2	-40.37	Peak	-27	Pass
a	5825	Ant1	5925	-48.9	2	-46.9	Average	-27	Pass
n20	5745	Ant1	5650	-40.92	2	-38.92	Peak	-27	Pass
n20	5745	Ant1	5650	-50.4	2	-48.4	Average	-27	Pass
n20	5745	Ant1	5700	-42.74	2	-40.74	Peak	10	Pass
n20	5745	Ant1	5700	-50.43	2	-48.43	Average	10	Pass
n20	5745	Ant1	5720	-43.89	2	-41.89	Peak	15.6	Pass
n20	5745	Ant1	5720	-50.71	2	-48.71	Average	15.6	Pass
n20	5745	Ant1	5725	-43.79	2	-41.79	Peak	27	Pass
n20	5745	Ant1	5725	-50.58	2	-48.58	Average	27	Pass
n20	5825	Ant1	5850	-41.8	2	-39.8	Peak	27	Pass
n20	5825	Ant1	5850	-49.83	2	-47.83	Average	27	Pass
n20	5825	Ant1	5855	-43.15	2	-41.15	Peak	15.6	Pass
n20	5825	Ant1	5855	-49.76	2	-47.76	Average	15.6	Pass
n20	5825	Ant1	5875	-42.25	2	-40.25	Peak	10	Pass
n20	5825	Ant1	5875	-49.93	2	-47.93	Average	10	Pass
n20	5825	Ant1	5925	-41.1	2	-39.1	Peak	-27	Pass
n20	5825	Ant1	5925	-49.83	2	-47.83	Average	-27	Pass
n40	5755	Ant1	5650	-42.57	2	-40.57	Peak	-27	Pass
n40	5755	Ant1	5650	-50.13	2	-48.13	Average	-27	Pass
n40	5755	Ant1	5700	-41.23	2	-39.23	Peak	10	Pass
n40	5755	Ant1	5700	-50.78	2	-48.78	Average	10	Pass

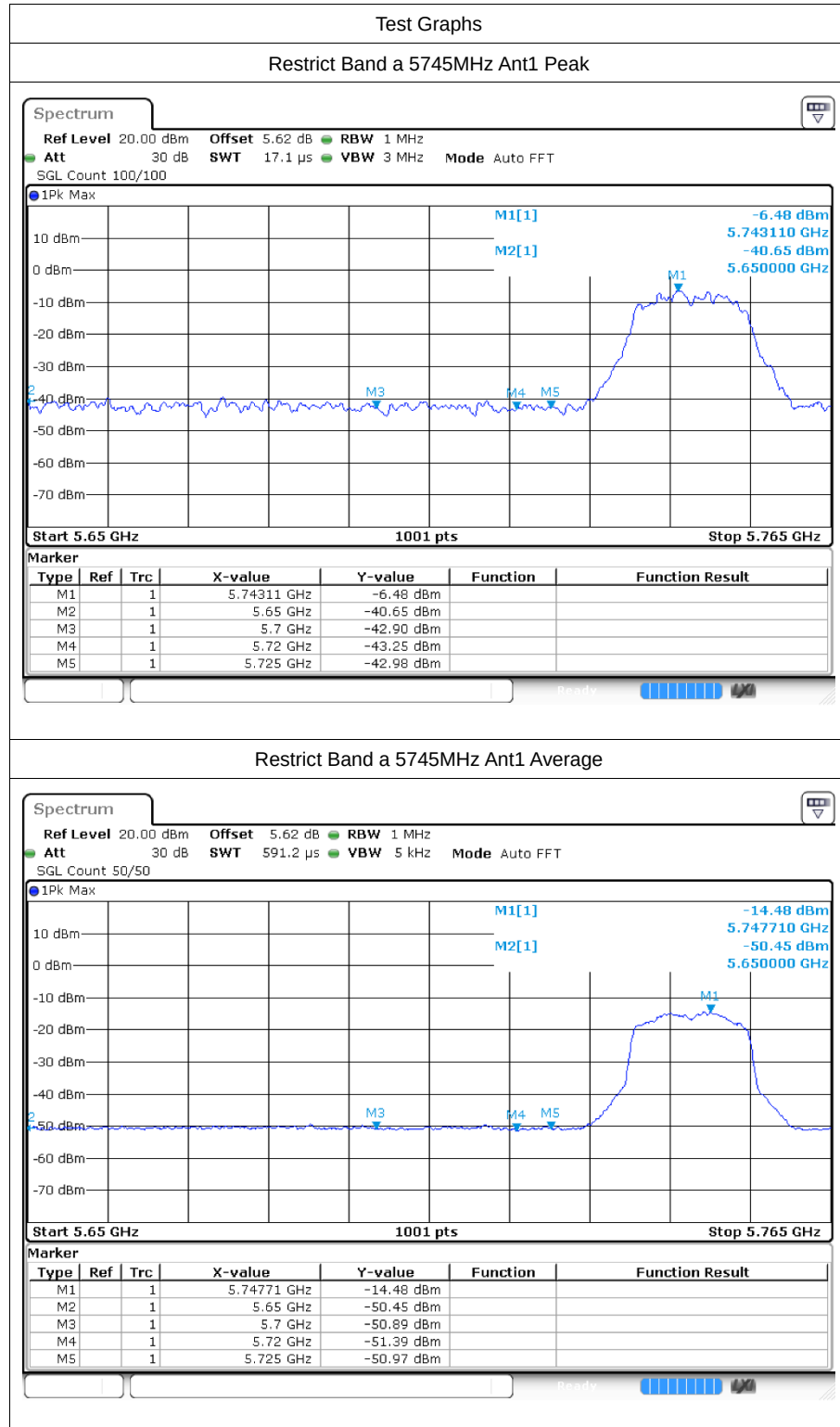


n40	5755	Ant1	5720	-42.15	2	-40.15	Peak	15.6	Pass
n40	5755	Ant1	5720	-50.56	2	-48.56	Average	15.6	Pass
n40	5755	Ant1	5725	-44.5	2	-42.5	Peak	27	Pass
n40	5755	Ant1	5725	-50.83	2	-48.83	Average	27	Pass
n40	5795	Ant1	5850	-42.66	2	-40.66	Peak	27	Pass
n40	5795	Ant1	5850	-49.2	2	-47.2	Average	27	Pass
n40	5795	Ant1	5855	-41.83	2	-39.83	Peak	15.6	Pass
n40	5795	Ant1	5855	-49.54	2	-47.54	Average	15.6	Pass
n40	5795	Ant1	5875	-41.1	2	-39.1	Peak	10	Pass
n40	5795	Ant1	5875	-49.63	2	-47.63	Average	10	Pass
n40	5795	Ant1	5925	-40.99	2	-38.99	Peak	-27	Pass
n40	5795	Ant1	5925	-49.86	2	-47.86	Average	-27	Pass
ac20	5745	Ant1	5650	-42.25	2	-40.25	Peak	-27	Pass
ac20	5745	Ant1	5650	-50.84	2	-48.84	Average	-27	Pass
ac20	5745	Ant1	5700	-42.87	2	-40.87	Peak	10	Pass
ac20	5745	Ant1	5700	-50.48	2	-48.48	Average	10	Pass
ac20	5745	Ant1	5720	-43.01	2	-41.01	Peak	15.6	Pass
ac20	5745	Ant1	5720	-50.69	2	-48.69	Average	15.6	Pass
ac20	5745	Ant1	5725	-41.78	2	-39.78	Peak	27	Pass
ac20	5745	Ant1	5725	-50.74	2	-48.74	Average	27	Pass
ac20	5825	Ant1	5850	-42.6	2	-40.6	Peak	27	Pass
ac20	5825	Ant1	5850	-50.02	2	-48.02	Average	27	Pass
ac20	5825	Ant1	5855	-42.28	2	-40.28	Peak	15.6	Pass
ac20	5825	Ant1	5855	-49.75	2	-47.75	Average	15.6	Pass
ac20	5825	Ant1	5875	-40.14	2	-38.14	Peak	10	Pass
ac20	5825	Ant1	5875	-49.25	2	-47.25	Average	10	Pass
ac20	5825	Ant1	5925	-42.13	2	-40.13	Peak	-27	Pass
ac20	5825	Ant1	5925	-49.96	2	-47.96	Average	-27	Pass
ac40	5755	Ant1	5650	-40.9	2	-38.9	Peak	-27	Pass
ac40	5755	Ant1	5650	-50.32	2	-48.32	Average	-27	Pass
ac40	5755	Ant1	5700	-42.49	2	-40.49	Peak	10	Pass
ac40	5755	Ant1	5700	-50.01	2	-48.01	Average	10	Pass
ac40	5755	Ant1	5720	-43.86	2	-41.86	Peak	15.6	Pass
ac40	5755	Ant1	5720	-50.48	2	-48.48	Average	15.6	Pass
ac40	5755	Ant1	5725	-42.85	2	-40.85	Peak	27	Pass
ac40	5755	Ant1	5725	-50.67	2	-48.67	Average	27	Pass
ac40	5795	Ant1	5850	-40.85	2	-38.85	Peak	27	Pass
ac40	5795	Ant1	5850	-48.91	2	-46.91	Average	27	Pass
ac40	5795	Ant1	5855	-41.62	2	-39.62	Peak	15.6	Pass
ac40	5795	Ant1	5855	-49.6	2	-47.6	Average	15.6	Pass
ac40	5795	Ant1	5875	-39.69	2	-37.69	Peak	10	Pass
ac40	5795	Ant1	5875	-48.93	2	-46.93	Average	10	Pass
ac40	5795	Ant1	5925	-41.77	2	-39.77	Peak	-27	Pass

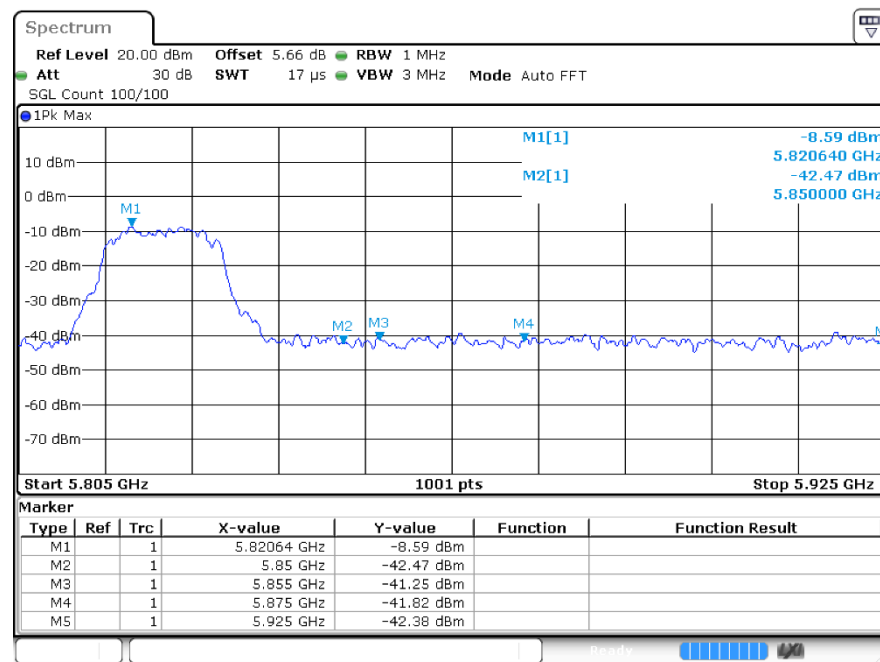


ac40	5795	Ant1	5925	-49.95	2	-47.95	Average	-27	Pass
ac80	5775	Ant1	5650	-39.85	2	-37.85	Peak	-27	Pass
ac80	5775	Ant1	5650	-50.47	2	-48.47	Average	-27	Pass
ac80	5775	Ant1	5700	-41.8	2	-39.8	Peak	10	Pass
ac80	5775	Ant1	5700	-49.9	2	-47.9	Average	10	Pass
ac80	5775	Ant1	5720	-41.18	2	-39.18	Peak	15.6	Pass
ac80	5775	Ant1	5720	-50.92	2	-48.92	Average	15.6	Pass
ac80	5775	Ant1	5725	-43.32	2	-41.32	Peak	27	Pass
ac80	5775	Ant1	5725	-50.27	2	-48.27	Average	27	Pass
ac80	5775	Ant1	5850	-42	2	-40	Peak	27	Pass
ac80	5775	Ant1	5850	-49.76	2	-47.76	Average	27	Pass
ac80	5775	Ant1	5855	-41.42	2	-39.42	Peak	15.6	Pass
ac80	5775	Ant1	5855	-49.82	2	-47.82	Average	15.6	Pass
ac80	5775	Ant1	5875	-40.7	2	-38.7	Peak	10	Pass
ac80	5775	Ant1	5875	-49.35	2	-47.35	Average	10	Pass
ac80	5775	Ant1	5925	-40.53	2	-38.53	Peak	-27	Pass
ac80	5775	Ant1	5925	-49.51	2	-47.51	Average	-27	Pass

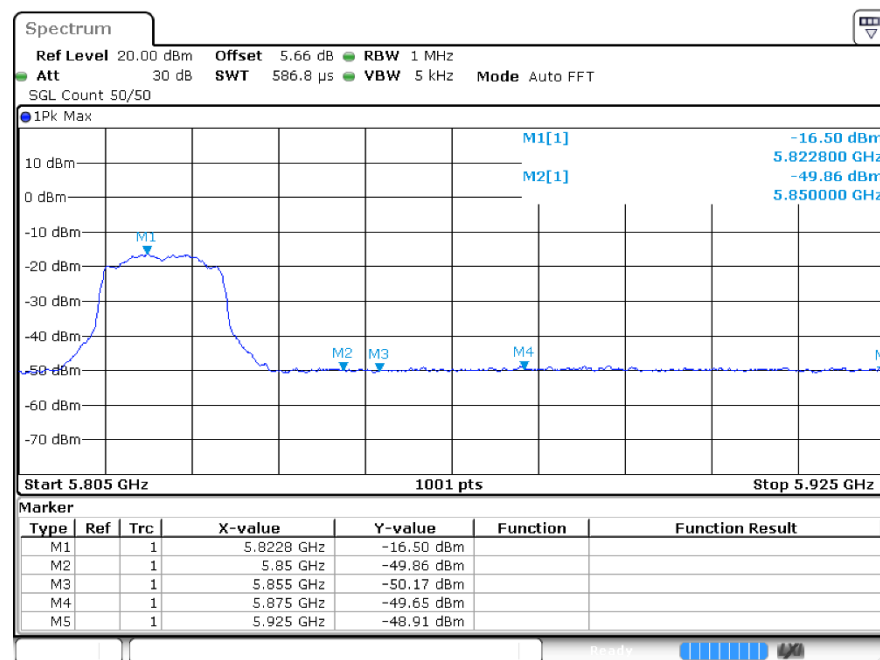
8.2 Test Graphs



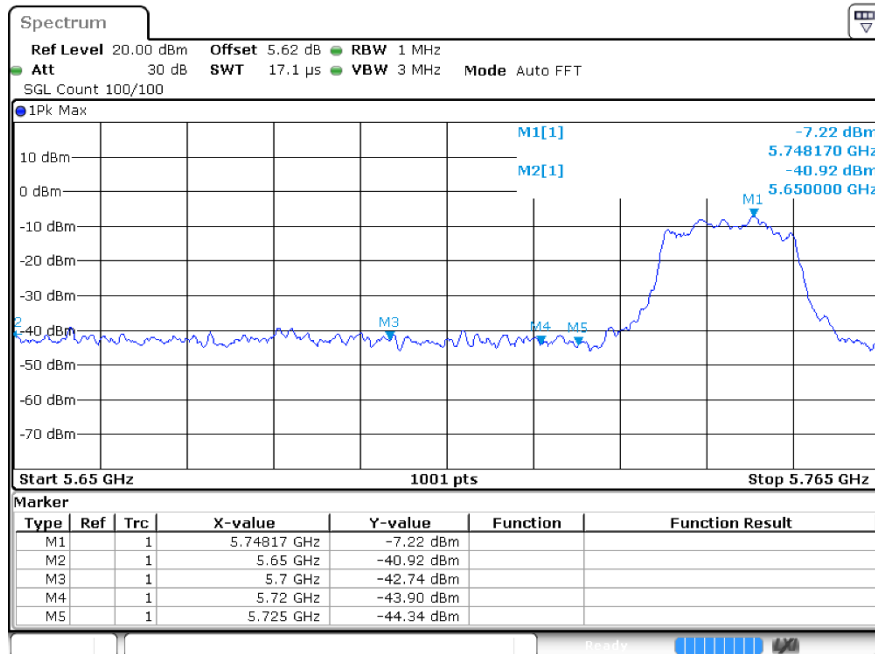
Restrict Band a 5825MHz Ant1 Peak



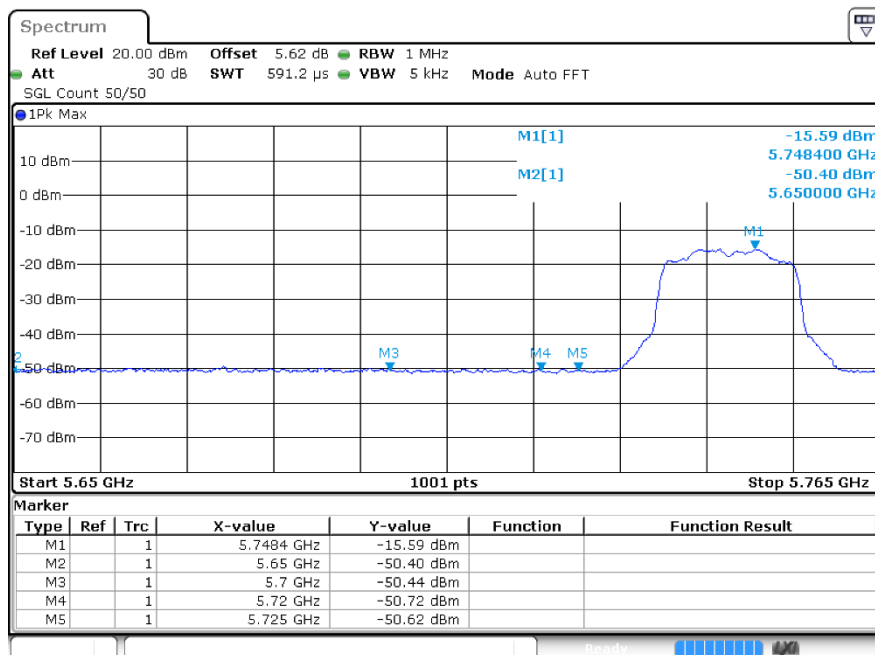
Restrict Band a 5825MHz Ant1 Average



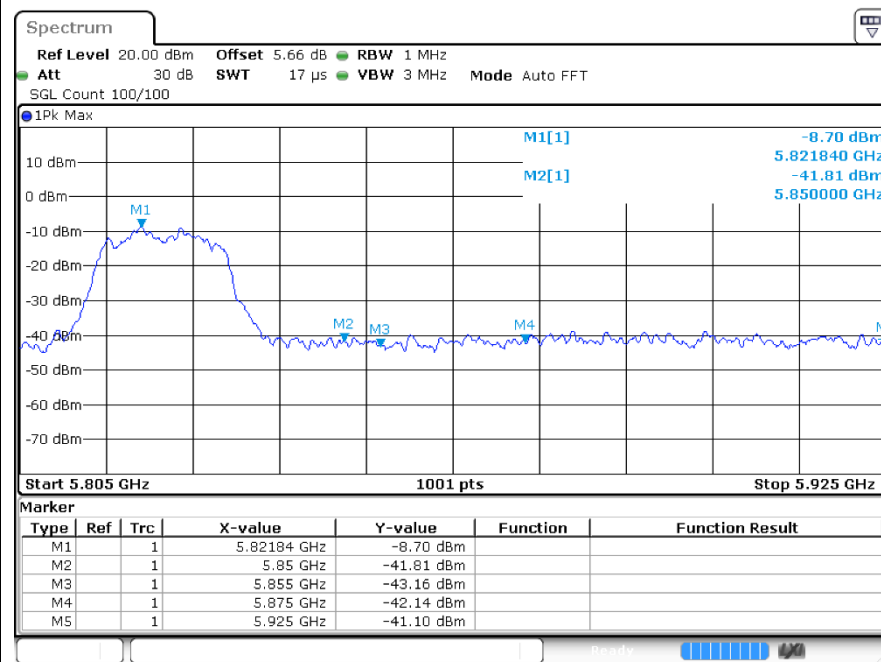
Restrict Band n20 5745MHz Ant1 Peak



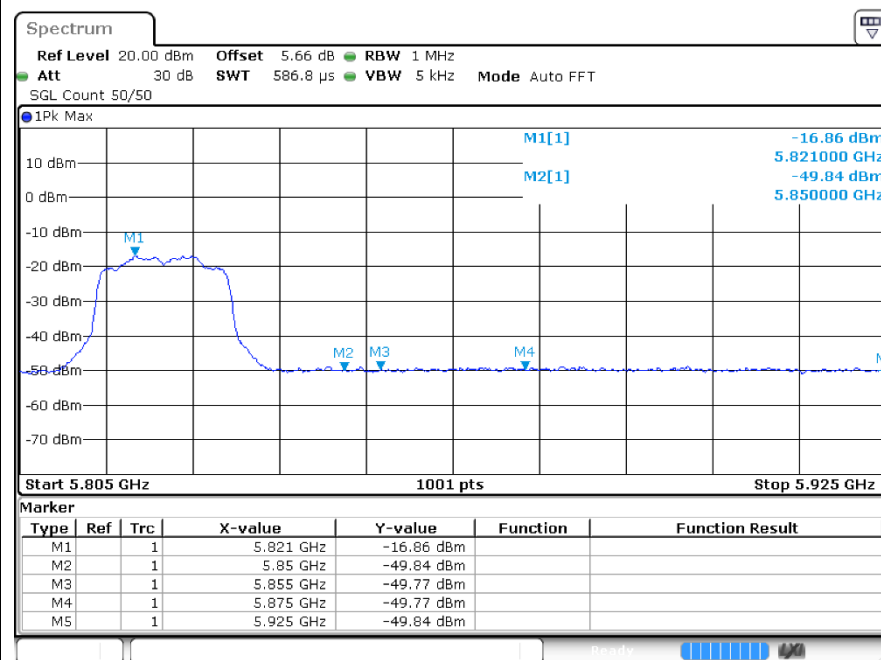
Restrict Band n20 5745MHz Ant1 Average



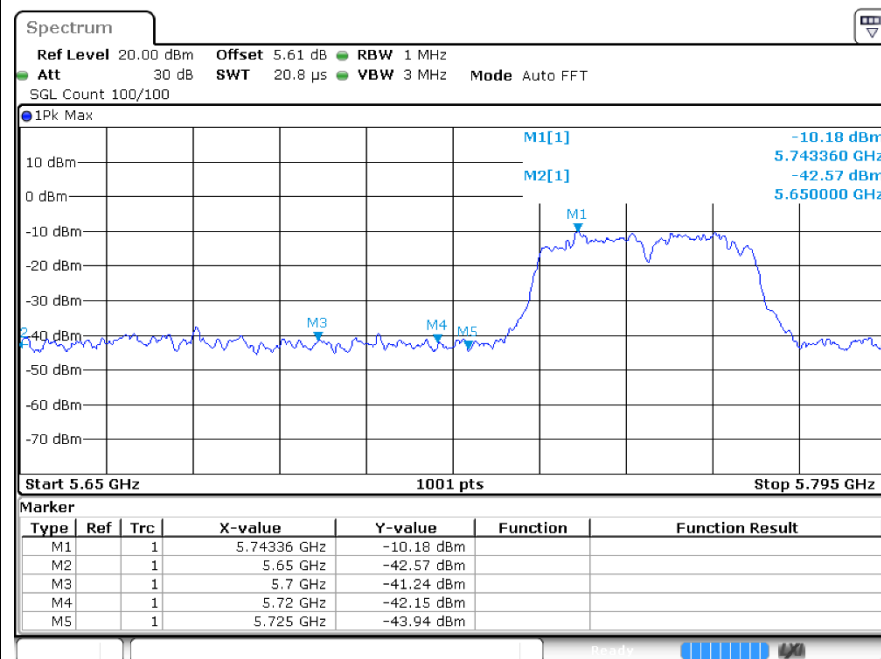
Restrict Band n20 5825MHz Ant1 Peak



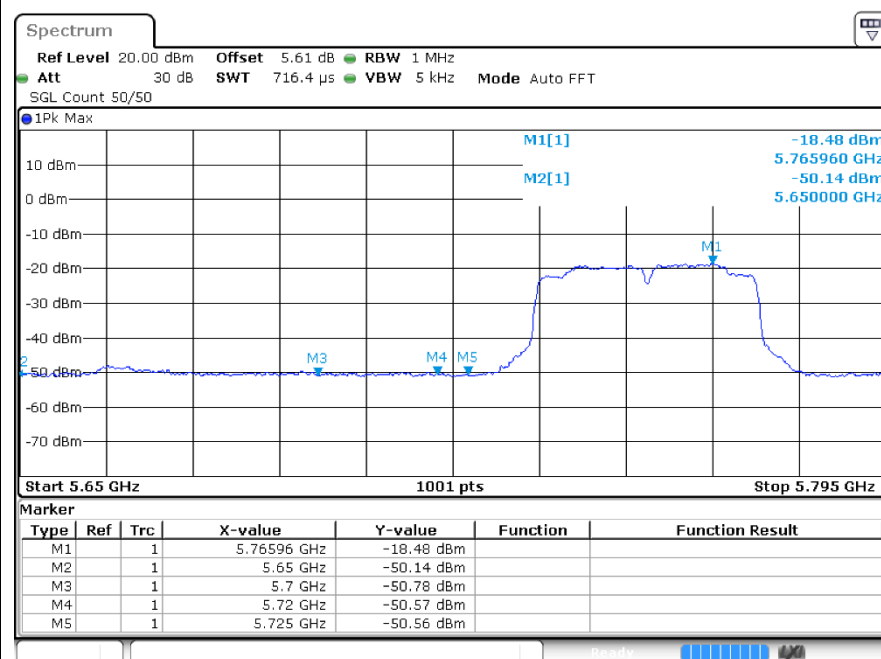
Restrict Band n20 5825MHz Ant1 Average



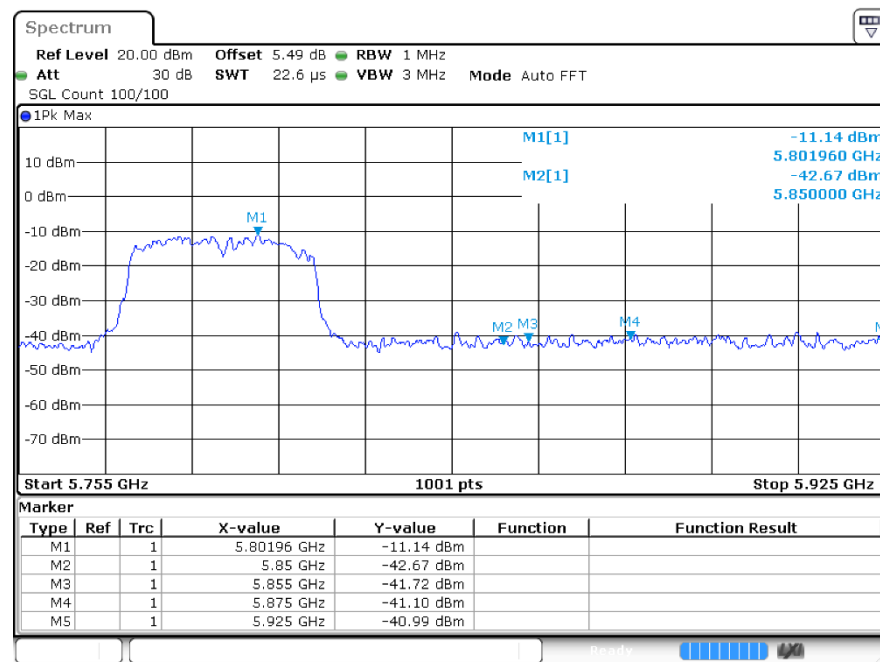
Restrict Band n40 5755MHz Ant1 Peak



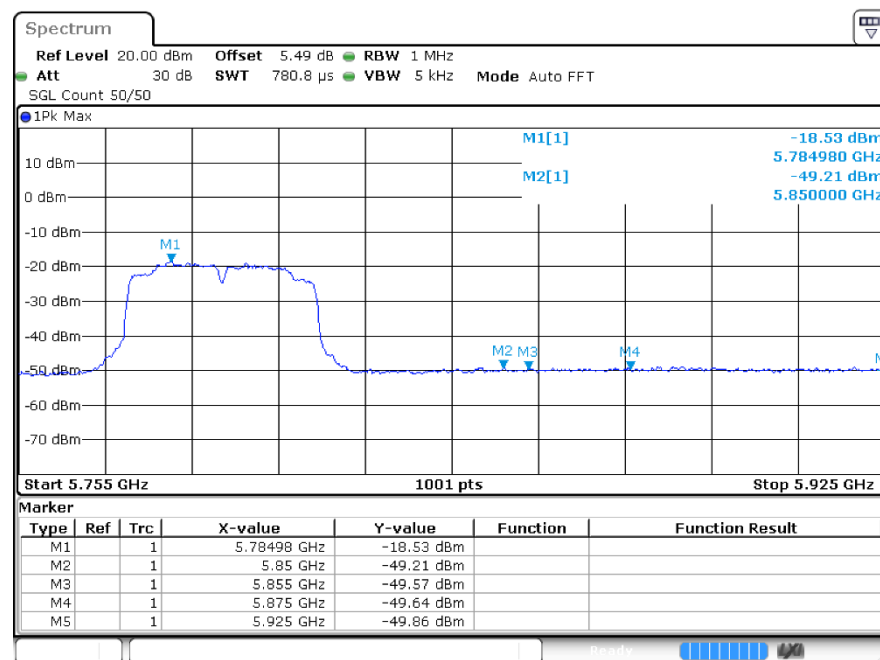
Restrict Band n40 5755MHz Ant1 Average



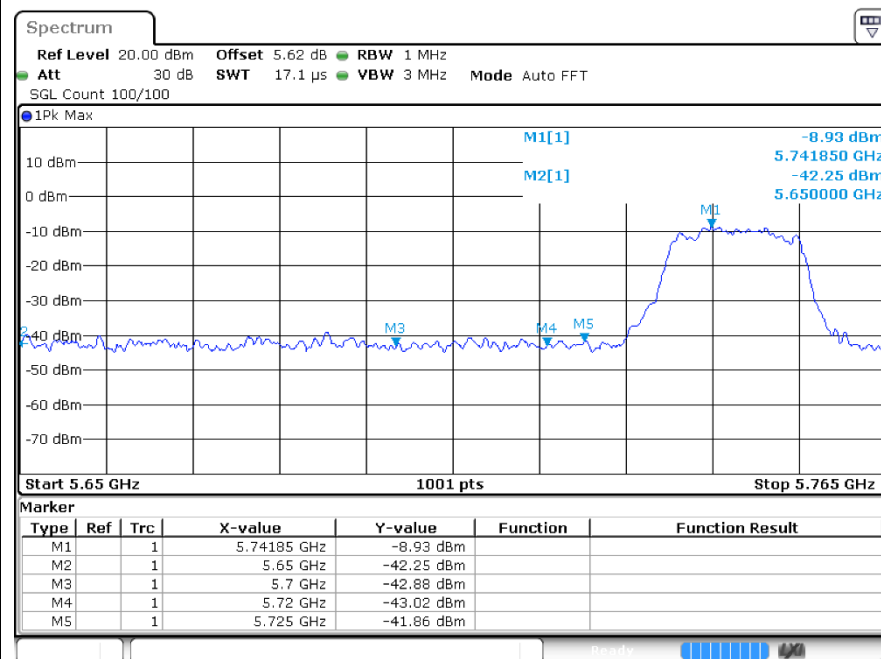
Restrict Band n40 5795MHz Ant1 Peak



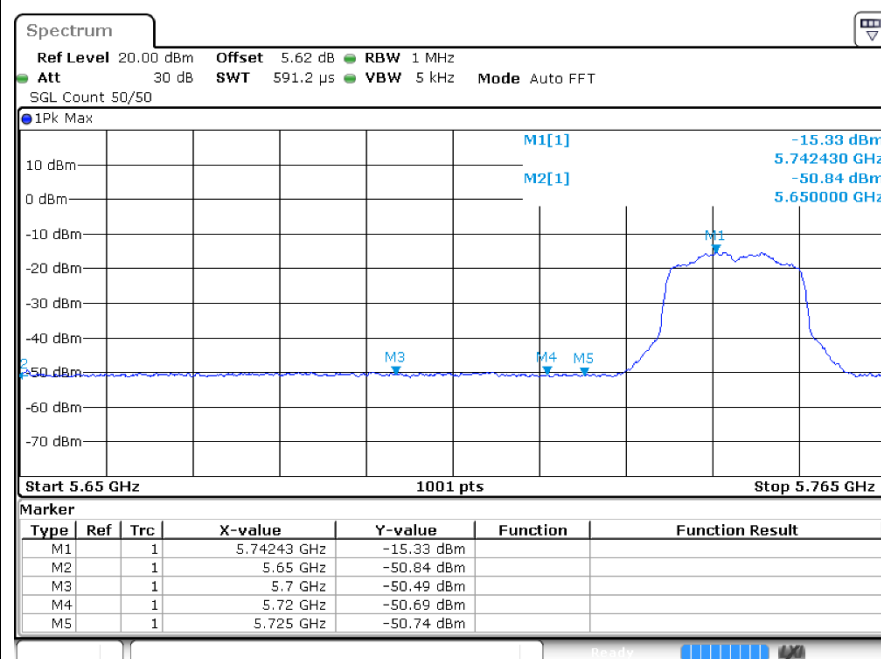
Restrict Band n40 5795MHz Ant1 Average



Restrict Band ac20 5745MHz Ant1 Peak

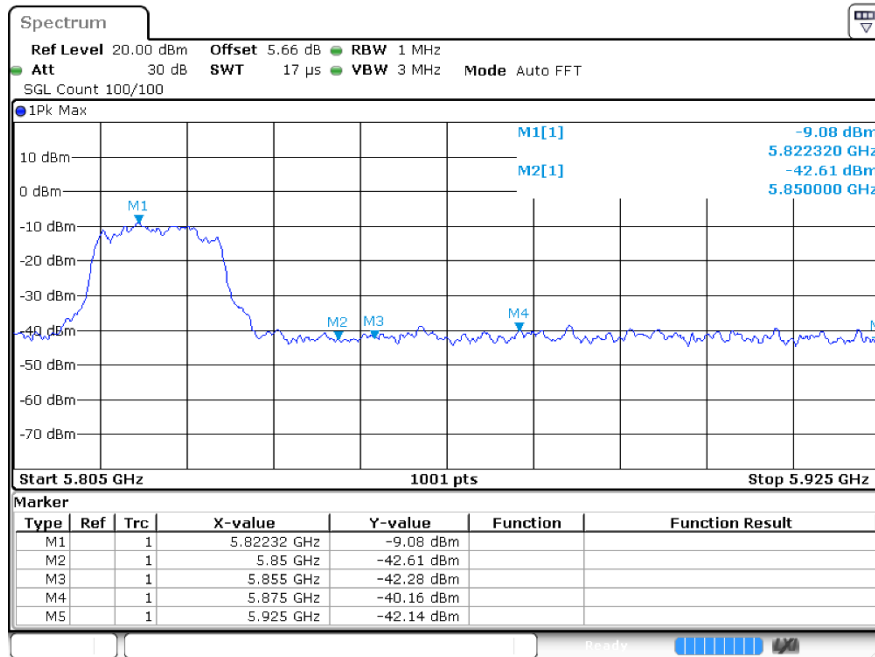


Restrict Band ac20 5745MHz Ant1 Average

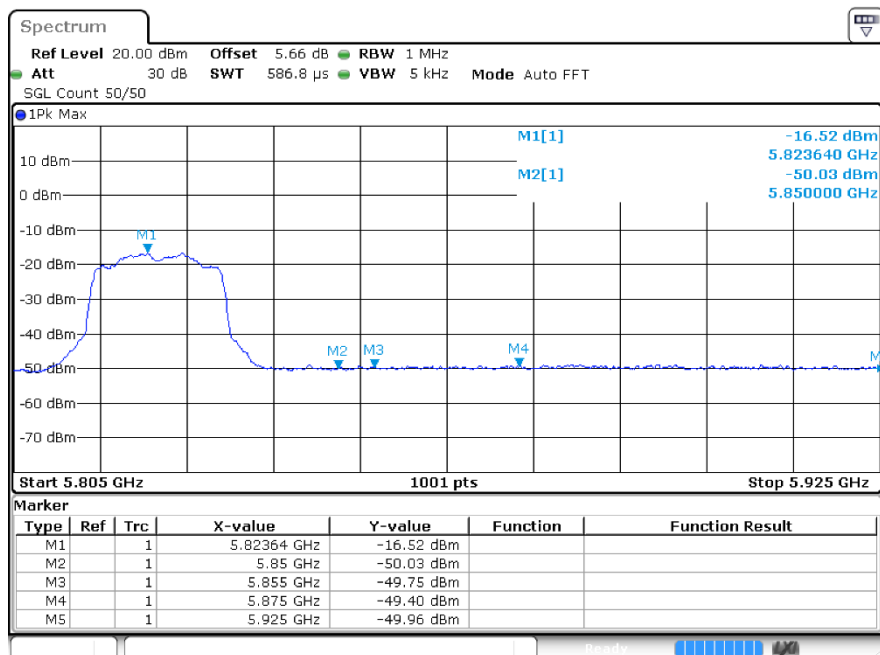




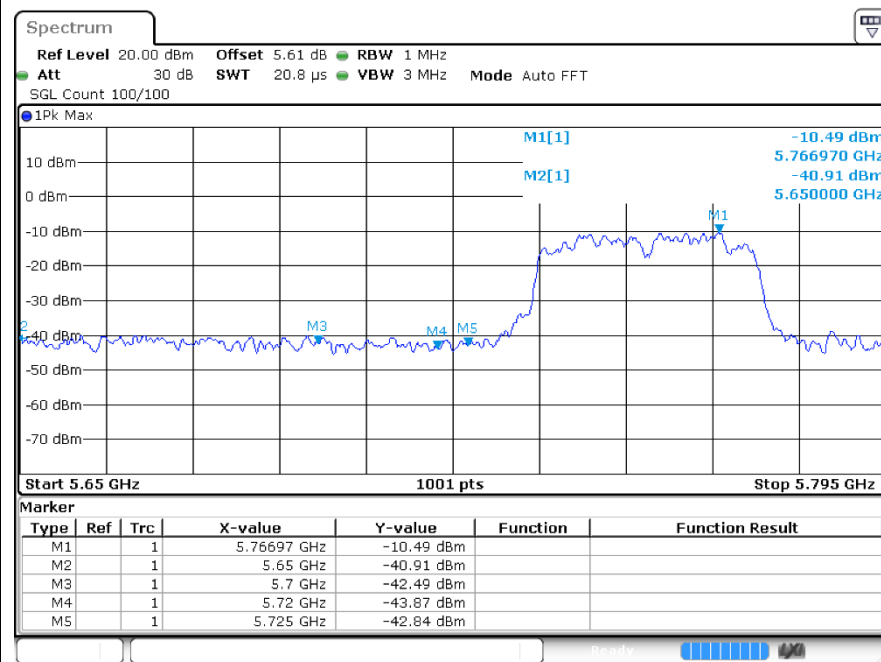
Restrict Band ac20 5825MHz Ant1 Peak



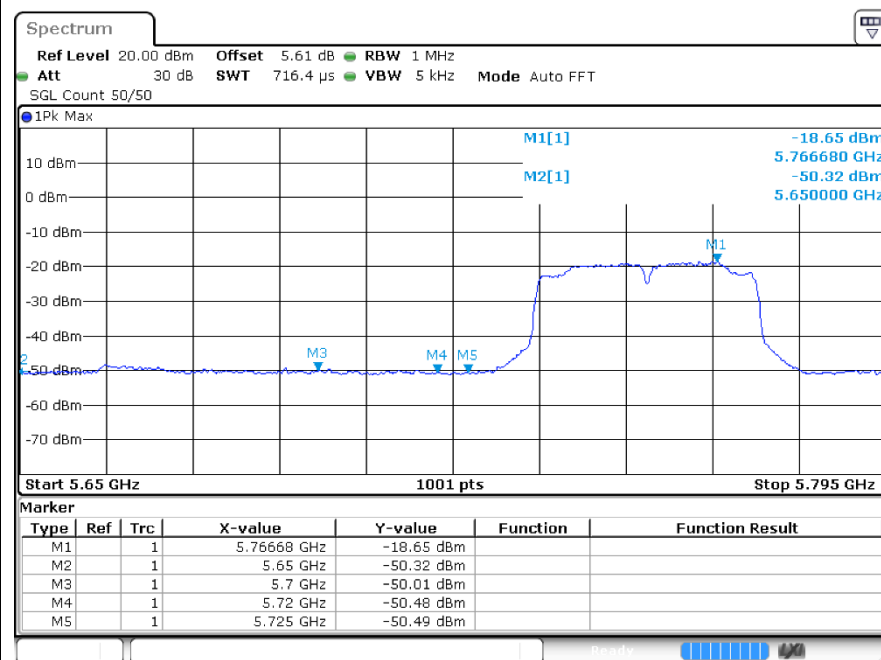
Restrict Band ac20 5825MHz Ant1 Average



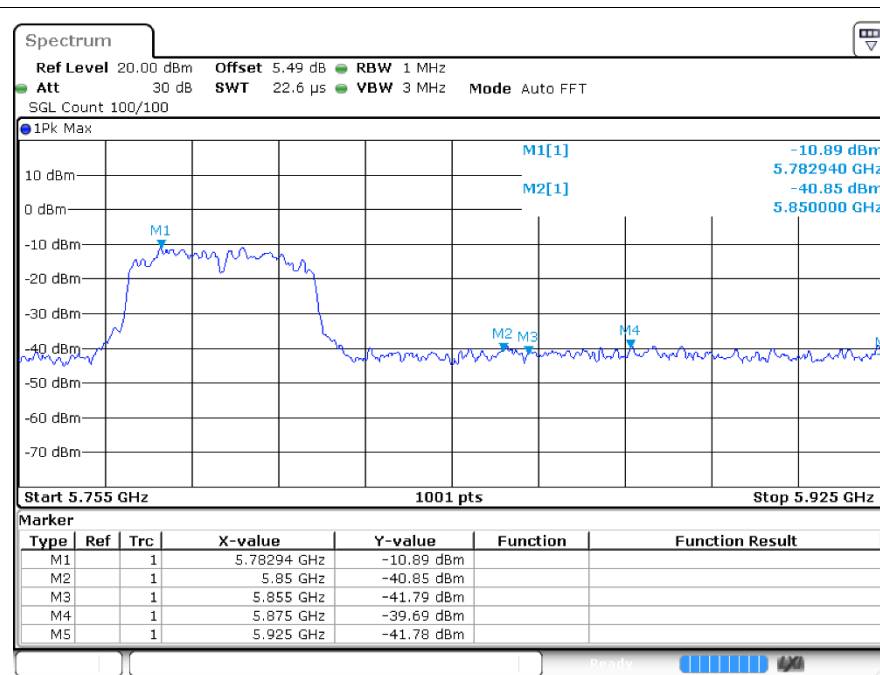
Restrict Band ac40 5755MHz Ant1 Peak



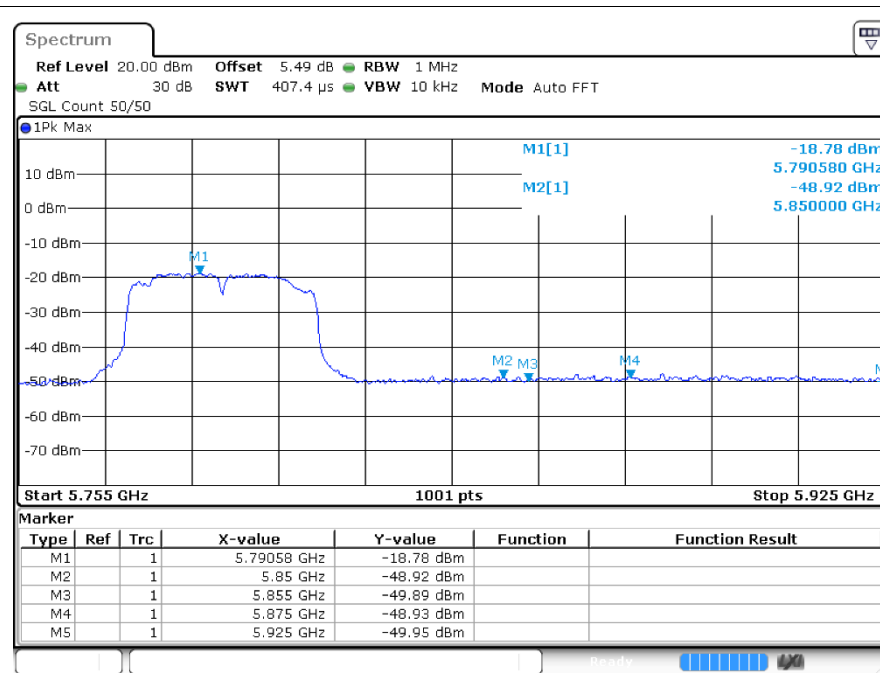
Restrict Band ac40 5755MHz Ant1 Average



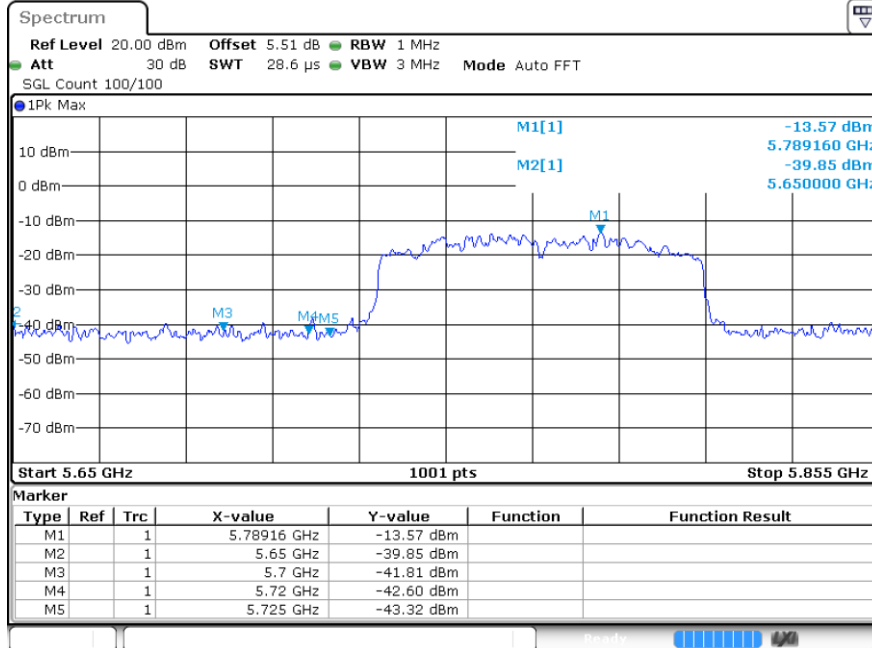
Restrict Band ac40 5795MHz Ant1 Peak



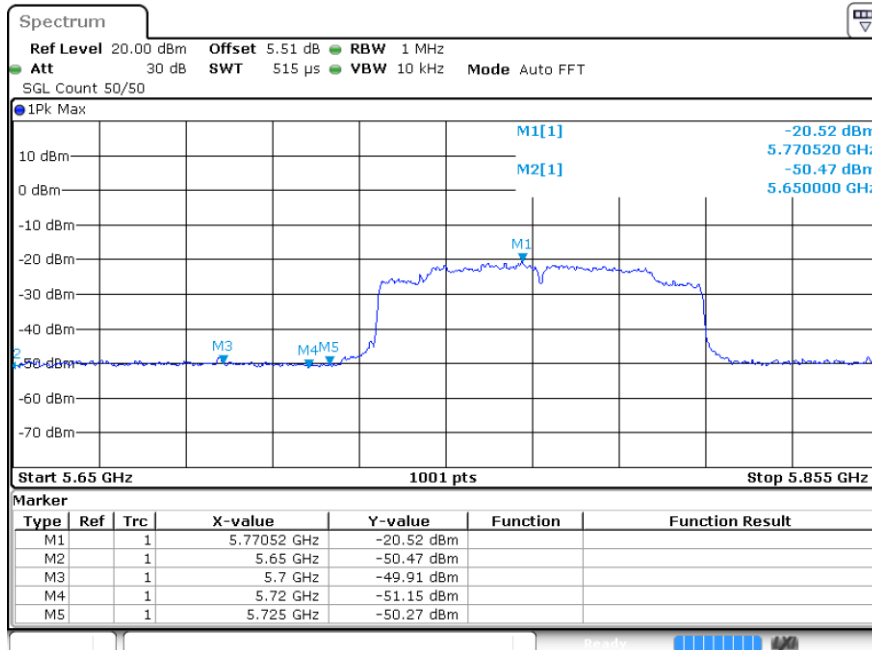
Restrict Band ac40 5795MHz Ant1 Average



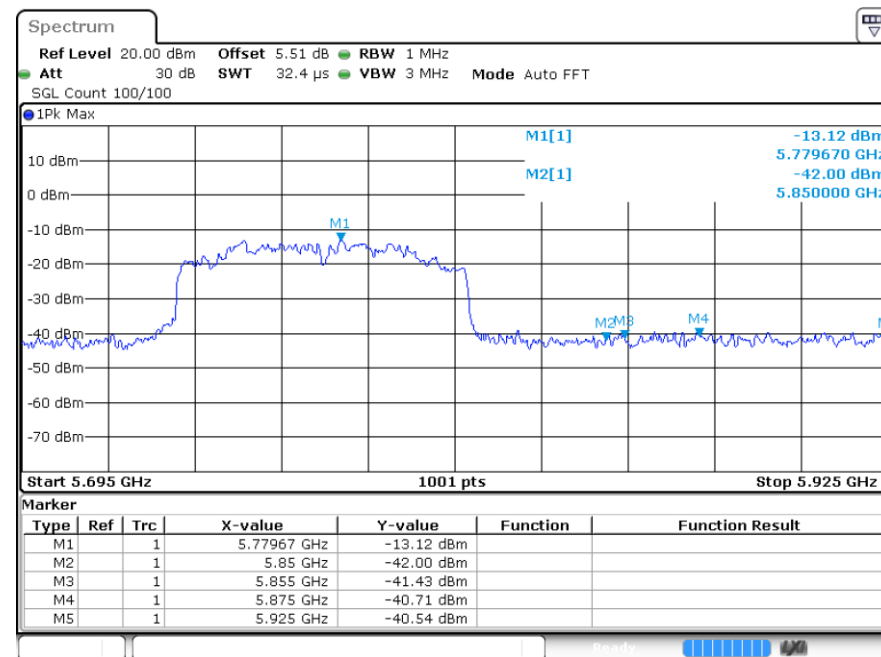
Restrict Band ac80 5775MHz Ant1 Peak



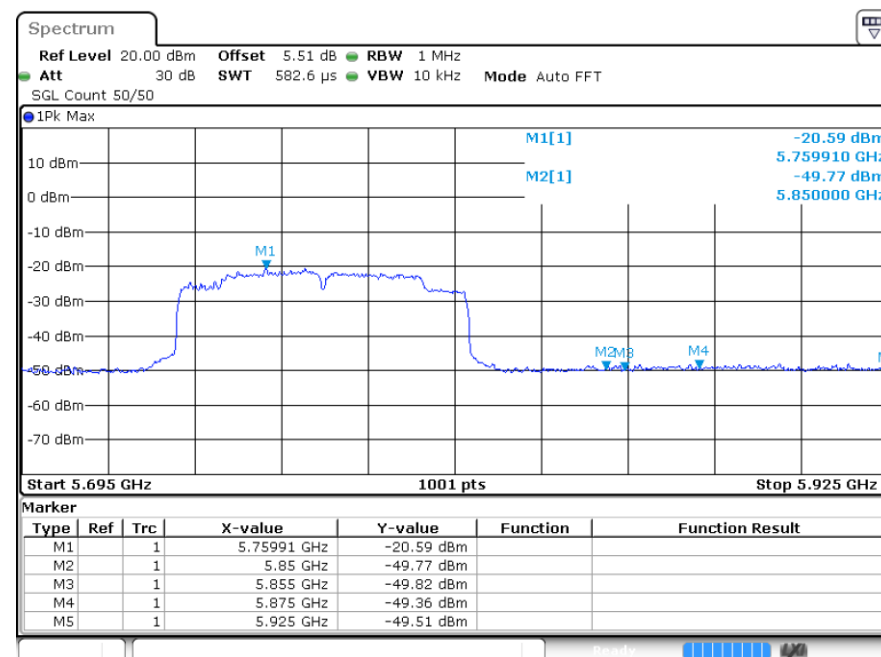
Restrict Band ac80 5775MHz Ant1 Average



Restrict Band ac80 5775MHz Ant1 Peak



Restrict Band ac80 5775MHz Ant1 Average



---The End---