



Appendix C

RF Test Data for 5.8GWIFI(Conducted Measurement)

Product Name: BOSMA Digital Camera

Trade Mark: BOSMA

Test Model: VEGA H2

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya Lin
Supervised by:	Simba Huang



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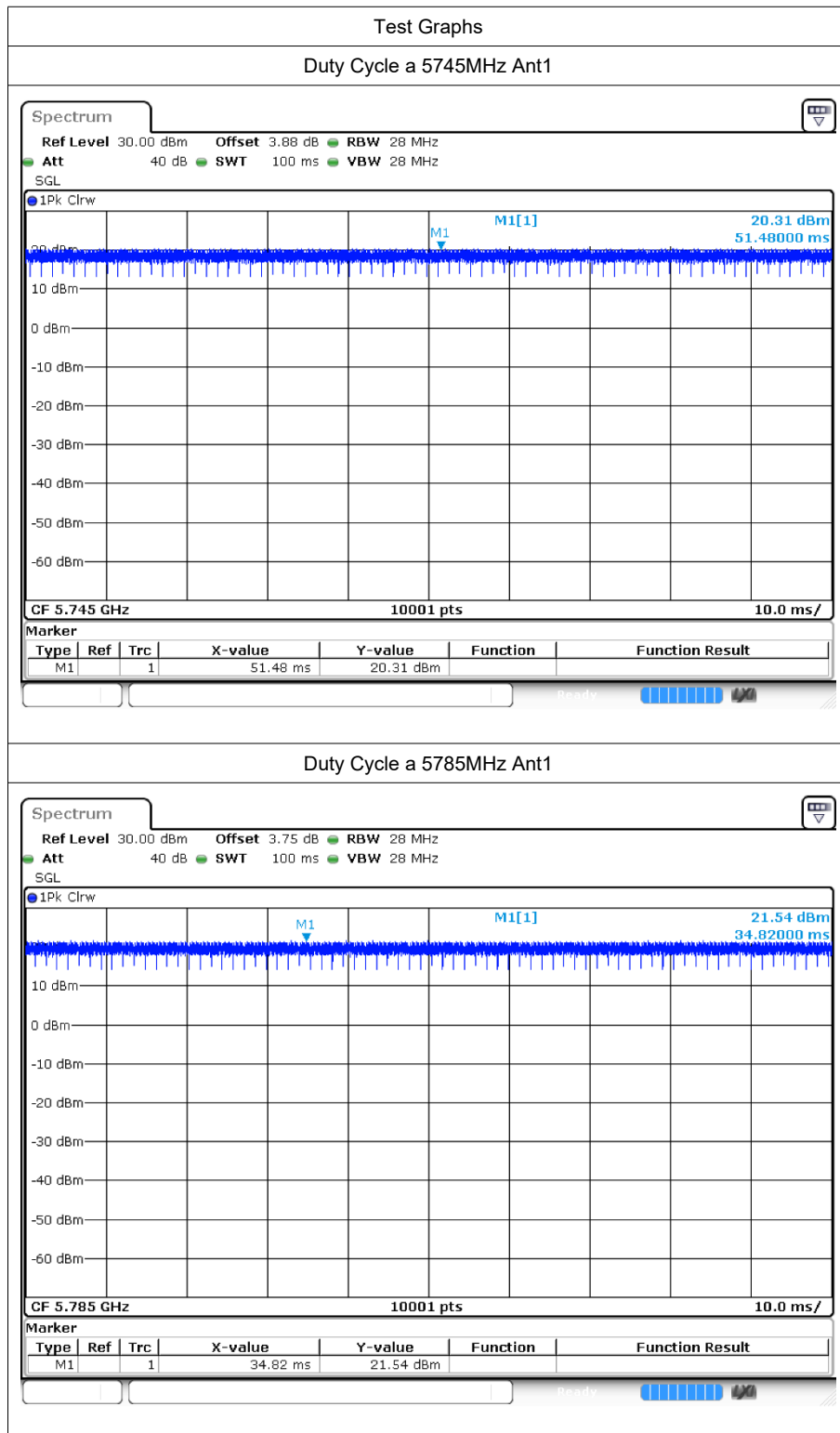
1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5745	Ant1	100	0	0
a	5785	Ant1	100	0	0
a	5825	Ant1	100	0	0
n20	5745	Ant1	100	0	0
n20	5785	Ant1	100	0	0
n20	5825	Ant1	100	0	0
n40	5755	Ant1	100	0	0
n40	5795	Ant1	100	0	0
ac20	5745	Ant1	100	0	0
ac20	5785	Ant1	100	0	0
ac20	5825	Ant1	100	0	0
ac40	5755	Ant1	100	0	0
ac40	5795	Ant1	100	0	0
ac80	5775	Ant1	100	0	0
ax20	5745	Ant1	100	0	0
ax20	5785	Ant1	100	0	0
ax20	5825	Ant1	100	0	0
ax40	5755	Ant1	100	0	0
ax40	5795	Ant1	100	0	0
ax80	5775	Ant1	100	0	0

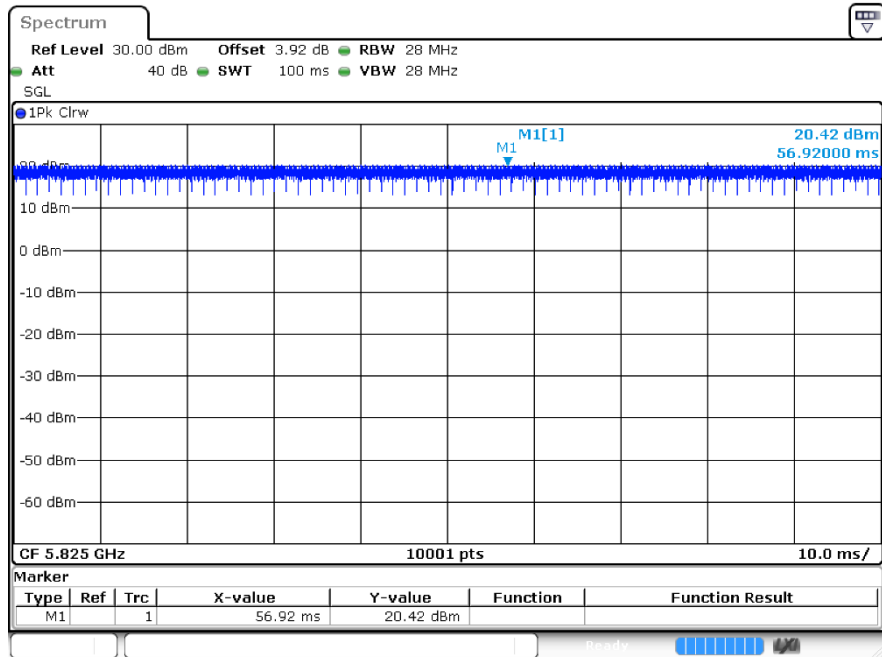


1.2 Test Graphs

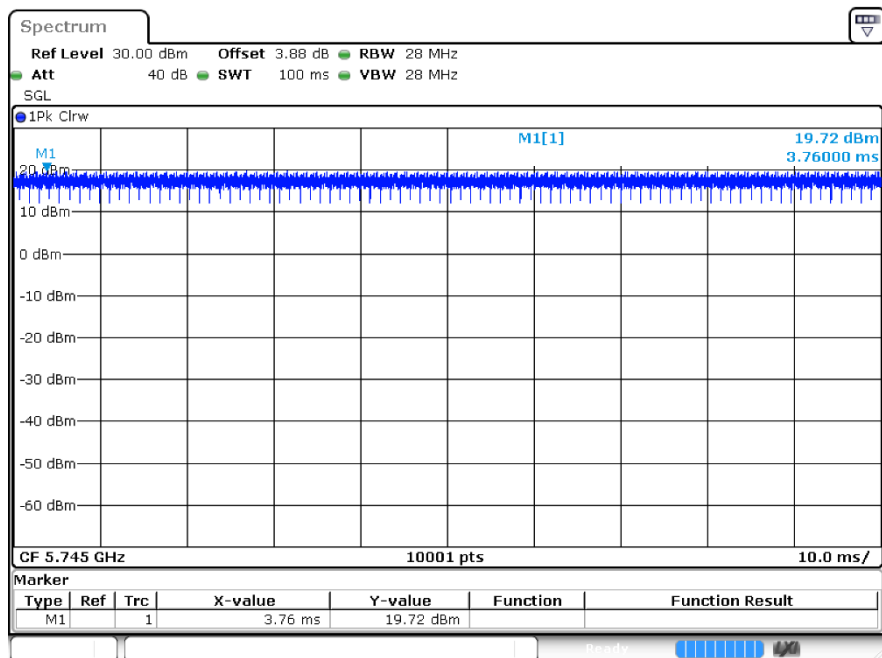


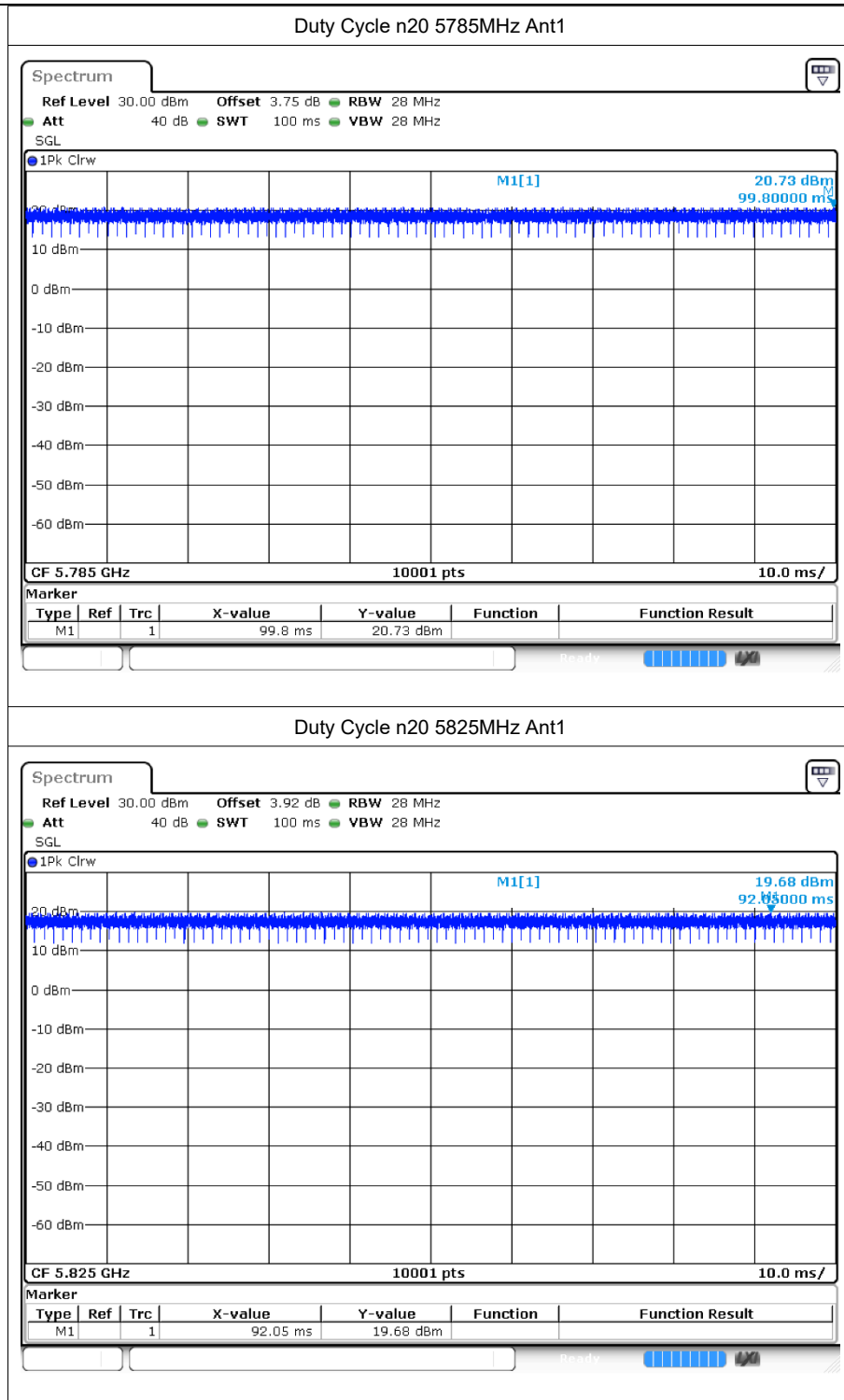


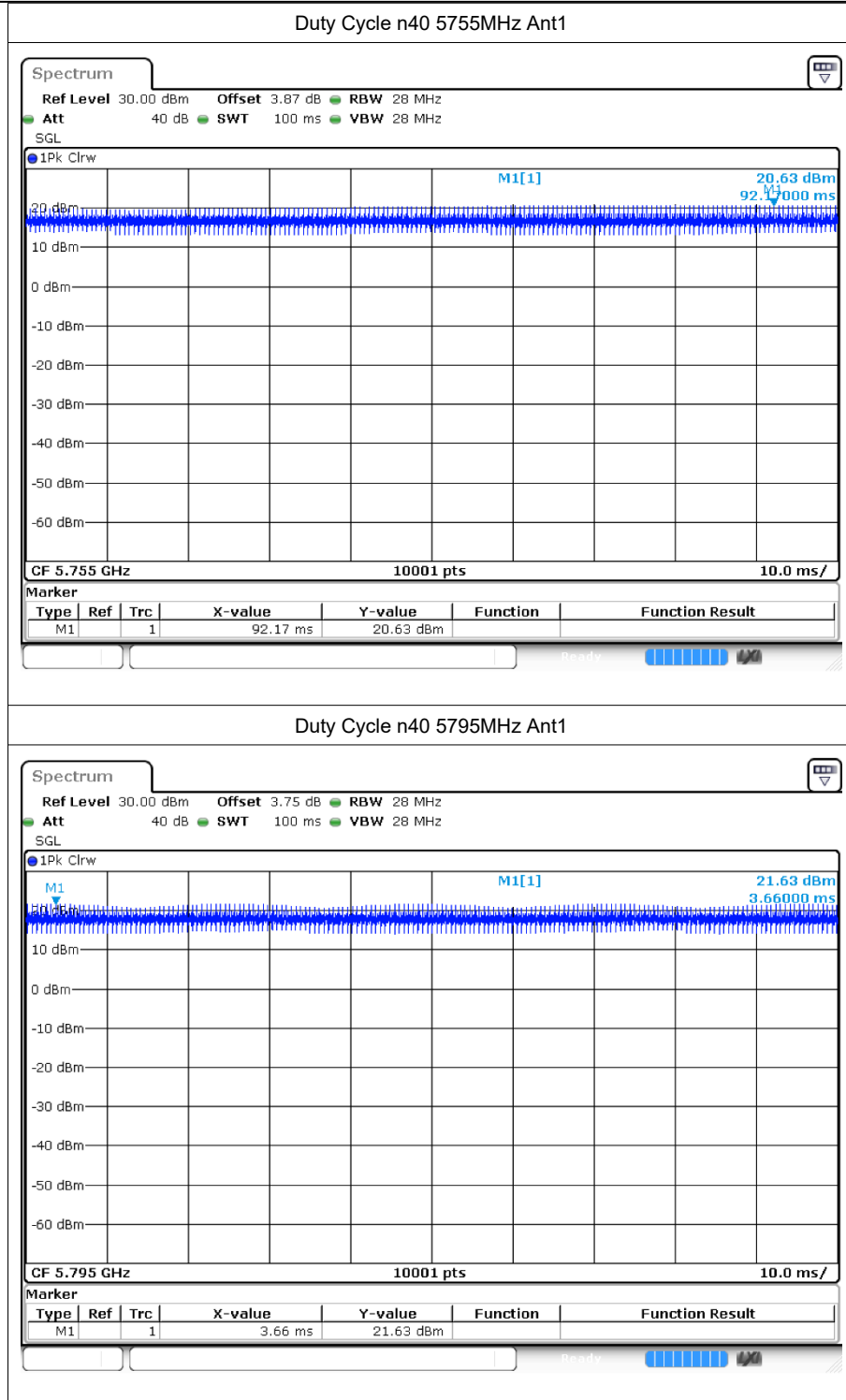
Duty Cycle a 5825MHz Ant1



Duty Cycle n20 5745MHz Ant1

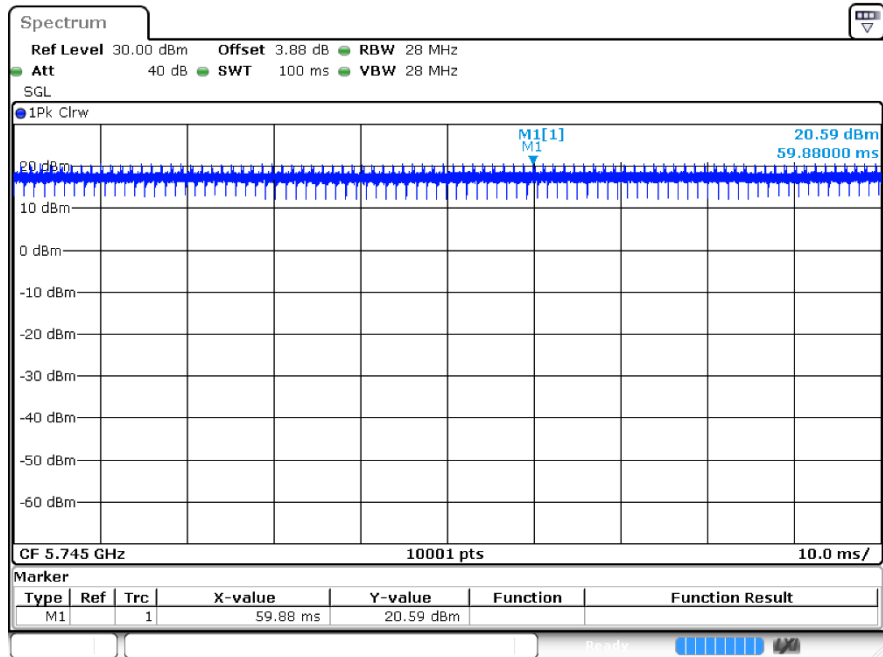




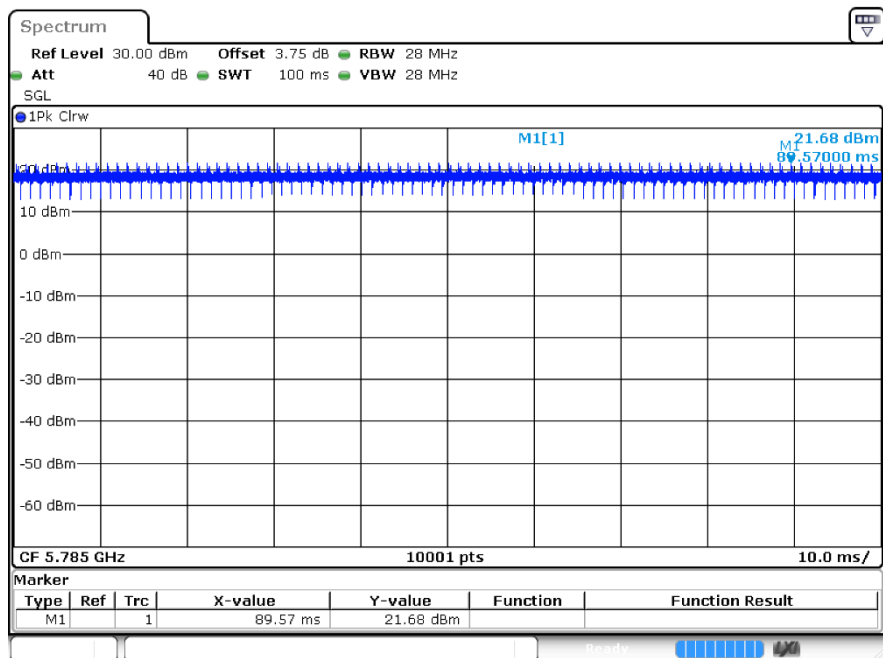




Duty Cycle ac20 5745MHz Ant1

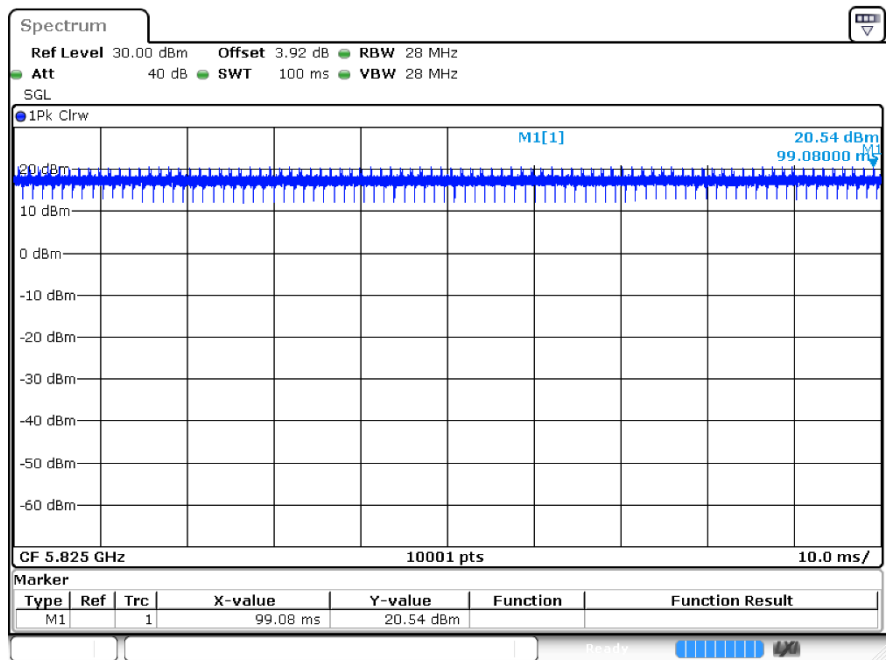


Duty Cycle ac20 5785MHz Ant1

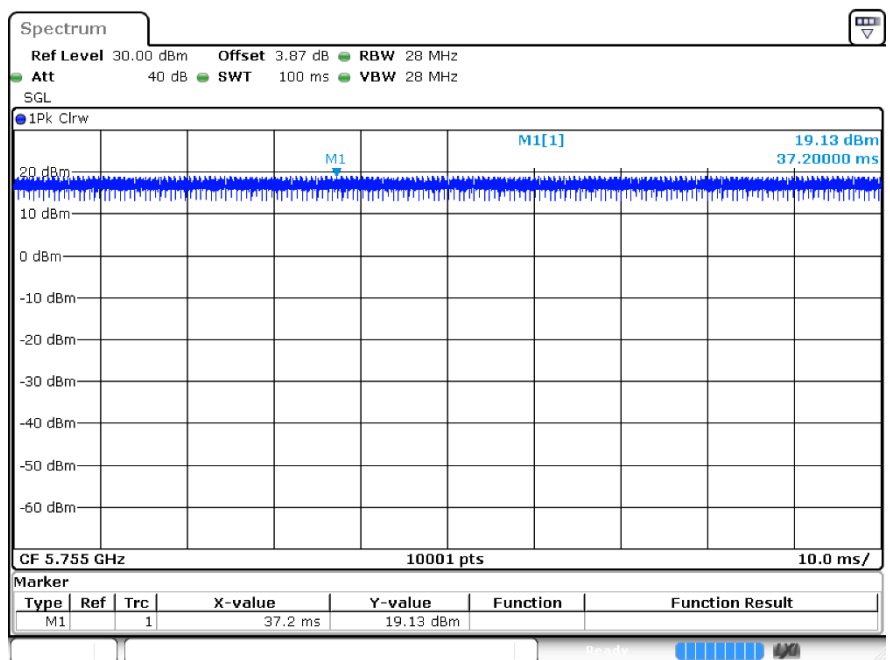


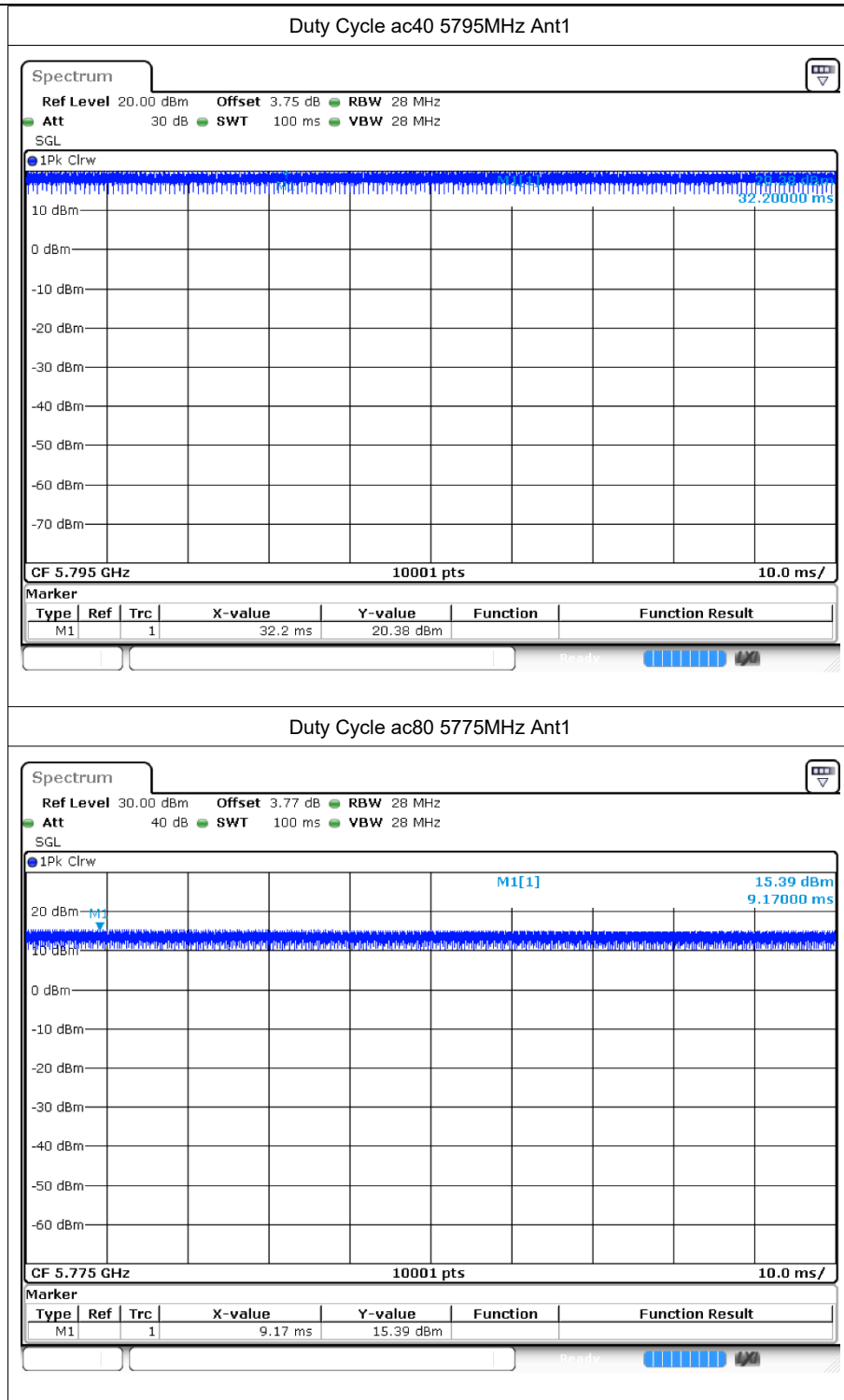


Duty Cycle ac20 5825MHz Ant1



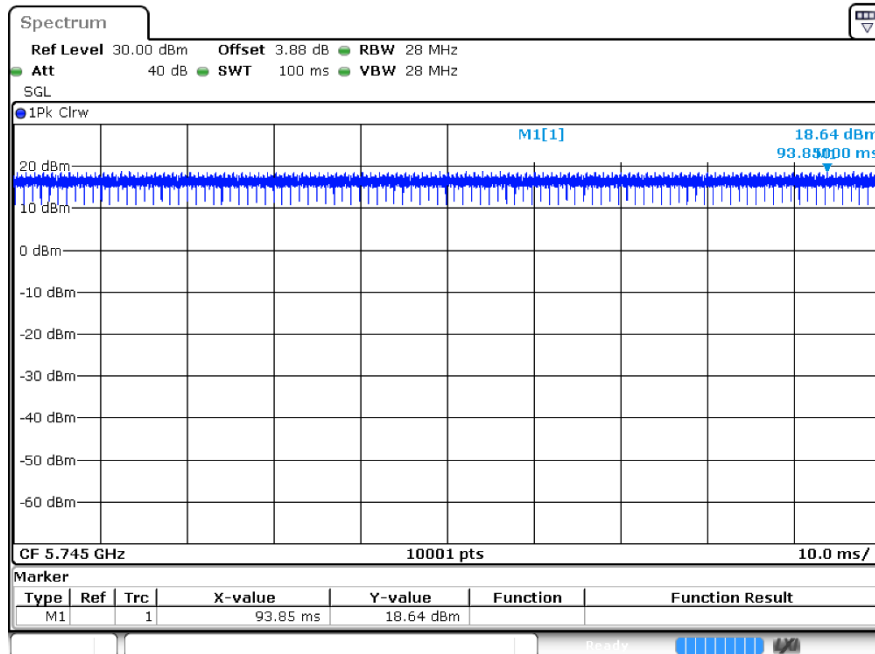
Duty Cycle ac40 5755MHz Ant1



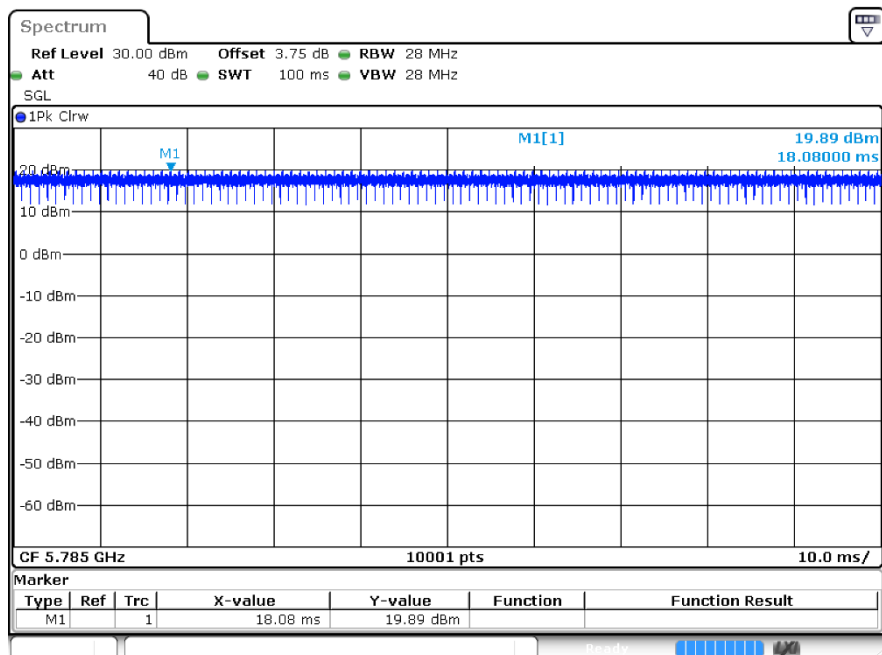




Duty Cycle ax20 5745MHz Ant1

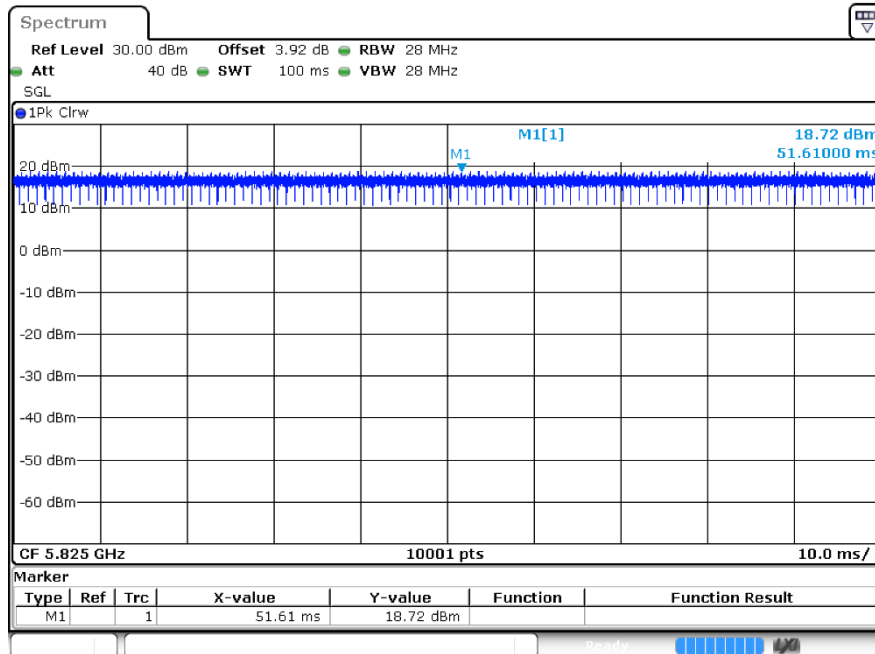


Duty Cycle ax20 5785MHz Ant1

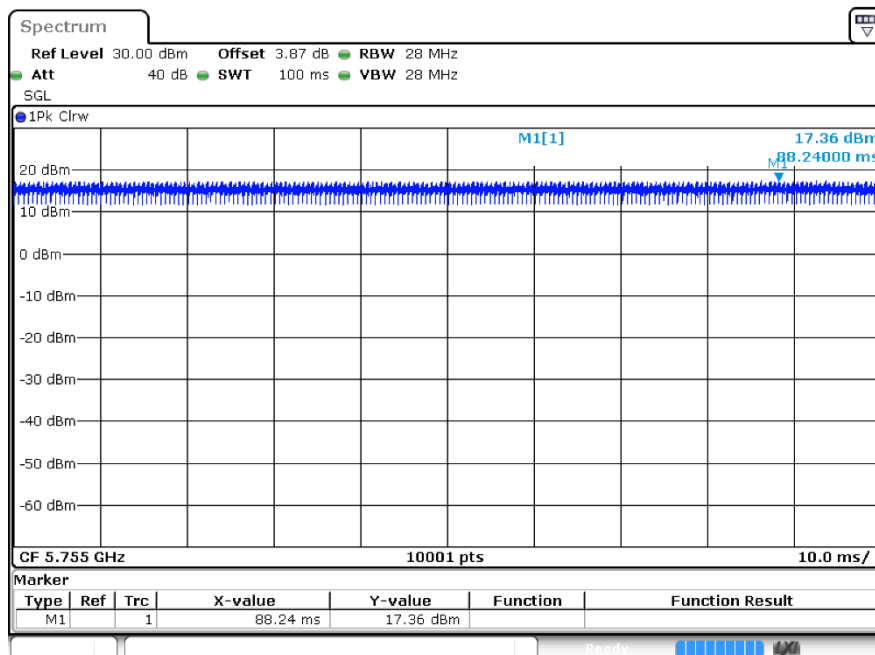




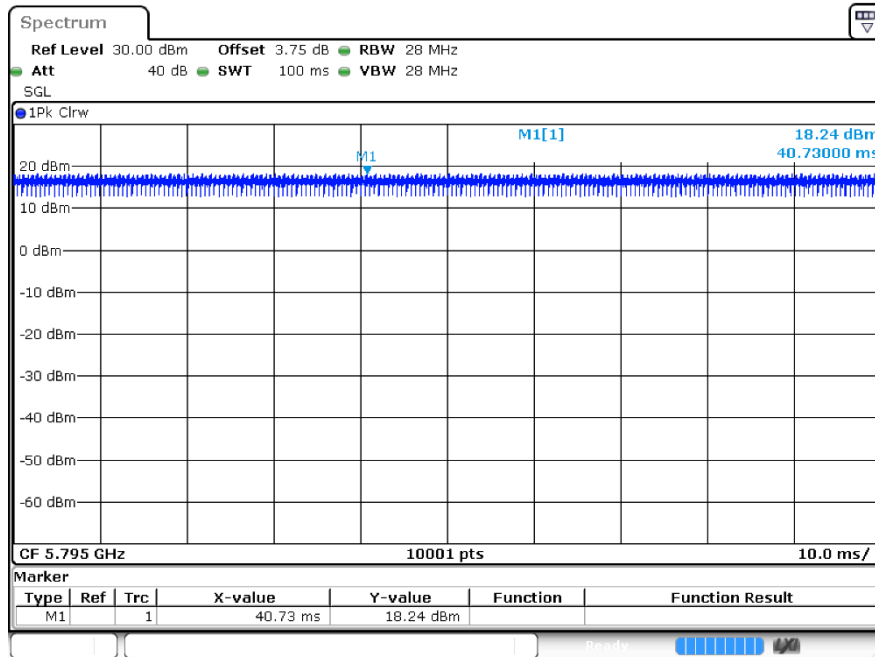
Duty Cycle ax20 5825MHz Ant1



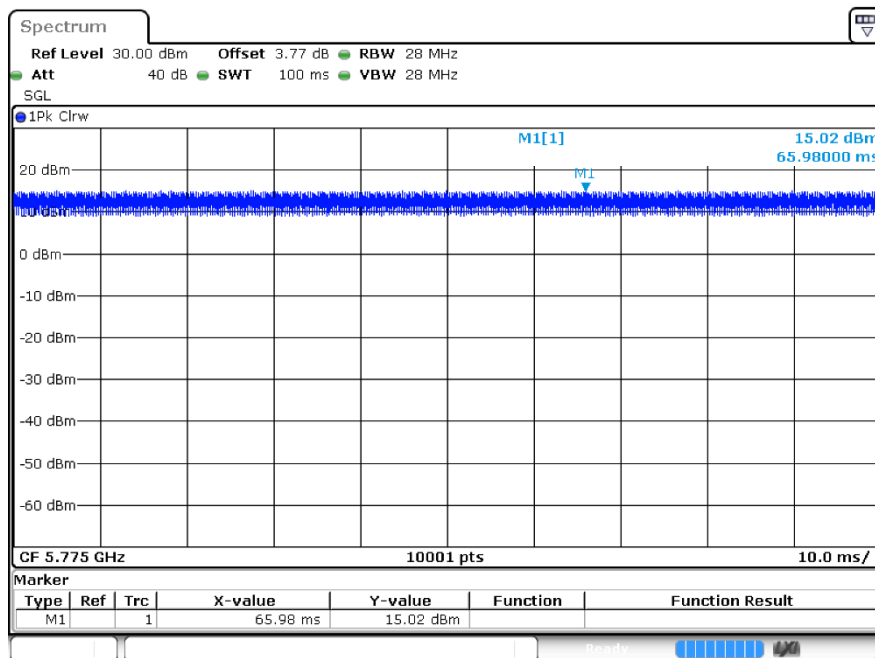
Duty Cycle ax40 5755MHz Ant1



Duty Cycle ax40 5795MHz Ant1



Duty Cycle ax80 5775MHz Ant1



2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	14.33	29.36	Pass
a	5785	Ant1	15.37	29.36	Pass
a	5825	Ant1	14.33	29.36	Pass
n20	5745	Ant1	13.4	29.36	Pass
n20	5785	Ant1	14.4	29.36	Pass
n20	5825	Ant1	13.45	29.36	Pass
n40	5755	Ant1	13.23	29.36	Pass
n40	5795	Ant1	14.23	29.36	Pass
ac20	5745	Ant1	13.51	29.36	Pass
ac20	5785	Ant1	14.37	29.36	Pass
ac20	5825	Ant1	13.42	29.36	Pass
ac40	5755	Ant1	13.36	29.36	Pass
ac40	5795	Ant1	14.34	29.36	Pass
ac80	5775	Ant1	13.67	29.36	Pass
ax20	5745	Ant1	13.44	29.36	Pass
ax20	5785	Ant1	14.41	29.36	Pass
ax20	5825	Ant1	13.4	29.36	Pass
ax40	5755	Ant1	13.2	29.36	Pass
ax40	5795	Ant1	14.13	29.36	Pass
ax80	5775	Ant1	13.66	29.36	Pass

Note:

The duty factor has been compensated into the result.

The gain of antenna is 6.64 dBi, which exceeds 6 dBi. Limit = 30 - (6.64 - 6) = 29.36 dBm

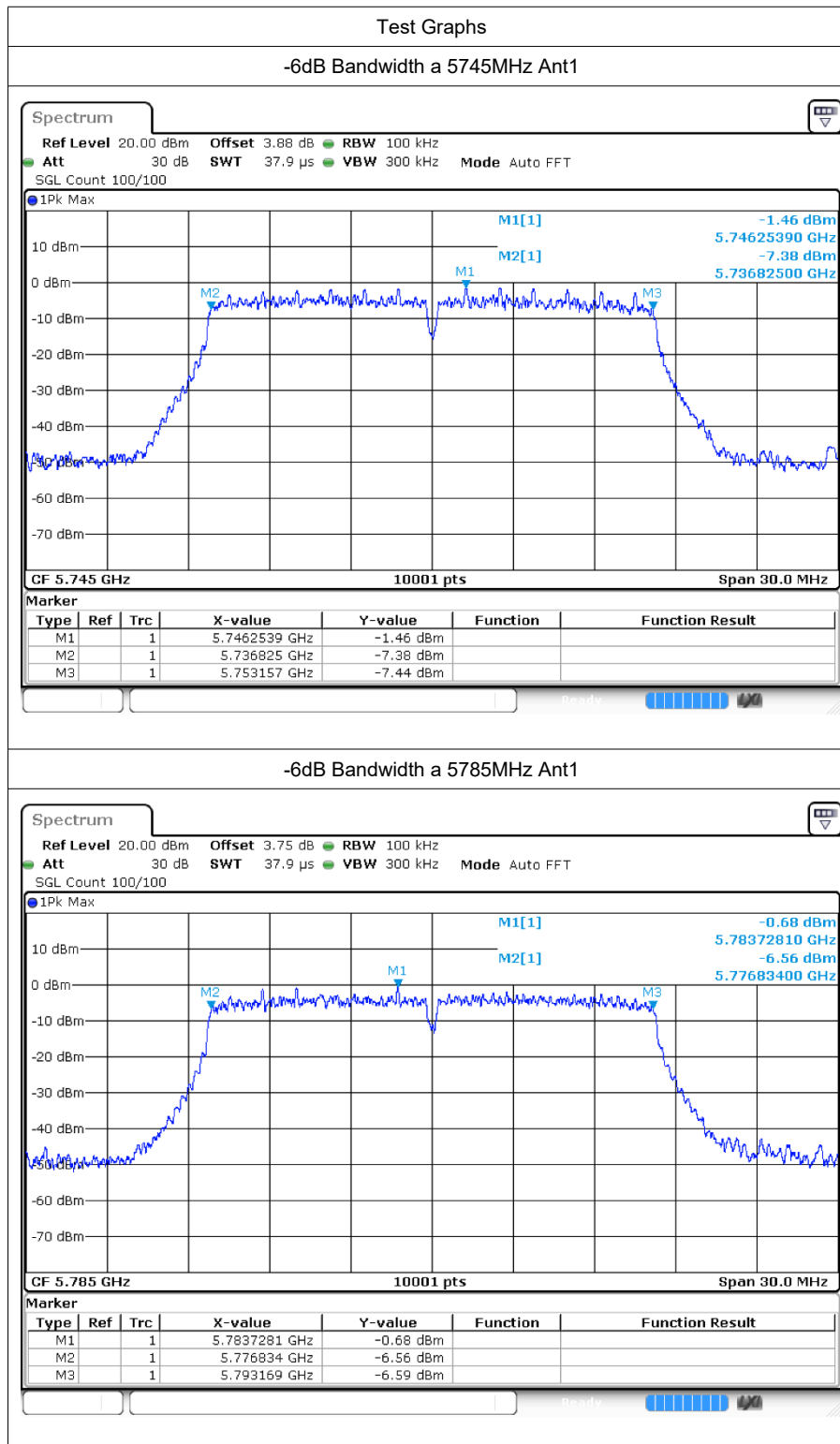


3 -6dB Bandwidth

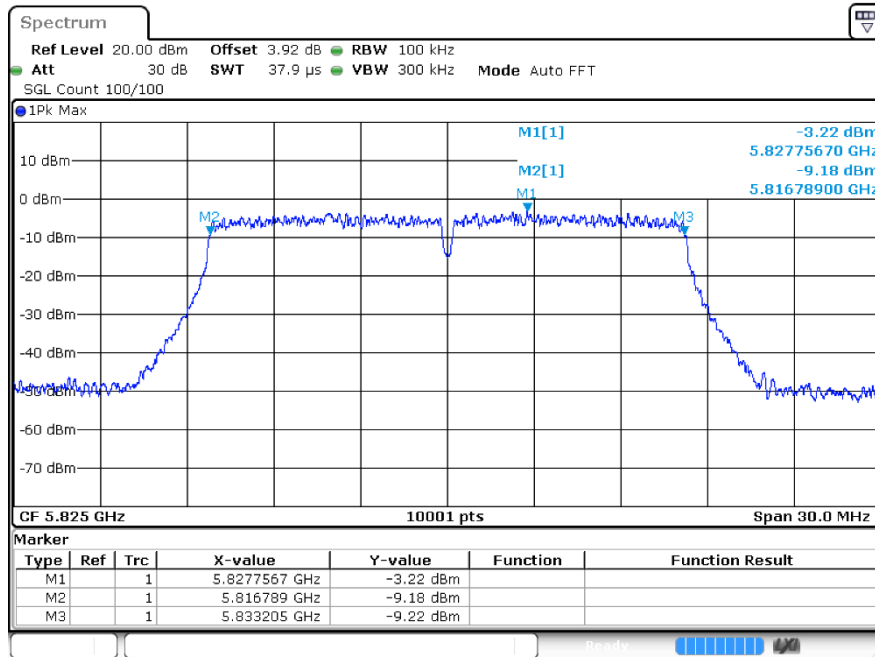
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant1	16.332	0.5	Pass
a	5785	Ant1	16.335	0.5	Pass
a	5825	Ant1	16.416	0.5	Pass
n20	5745	Ant1	17.598	0.5	Pass
n20	5785	Ant1	17.595	0.5	Pass
n20	5825	Ant1	17.559	0.5	Pass
n40	5755	Ant1	35.85	0.5	Pass
n40	5795	Ant1	36.282	0.5	Pass
ac20	5745	Ant1	17.595	0.5	Pass
ac20	5785	Ant1	17.559	0.5	Pass
ac20	5825	Ant1	17.58	0.5	Pass
ac40	5755	Ant1	36.402	0.5	Pass
ac40	5795	Ant1	35.208	0.5	Pass
ac80	5775	Ant1	76.416	0.5	Pass
ax20	5745	Ant1	18.951	0.5	Pass
ax20	5785	Ant1	16.869	0.5	Pass
ax20	5825	Ant1	18.927	0.5	Pass
ax40	5755	Ant1	37.794	0.5	Pass
ax40	5795	Ant1	36.108	0.5	Pass
ax80	5775	Ant1	77.34	0.5	Pass

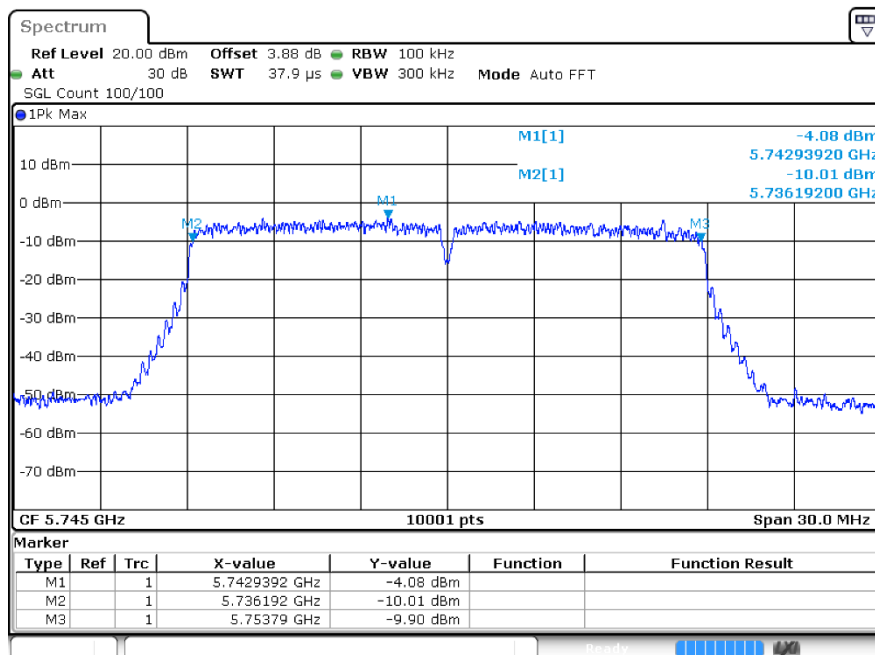
3.2 Test Graphs



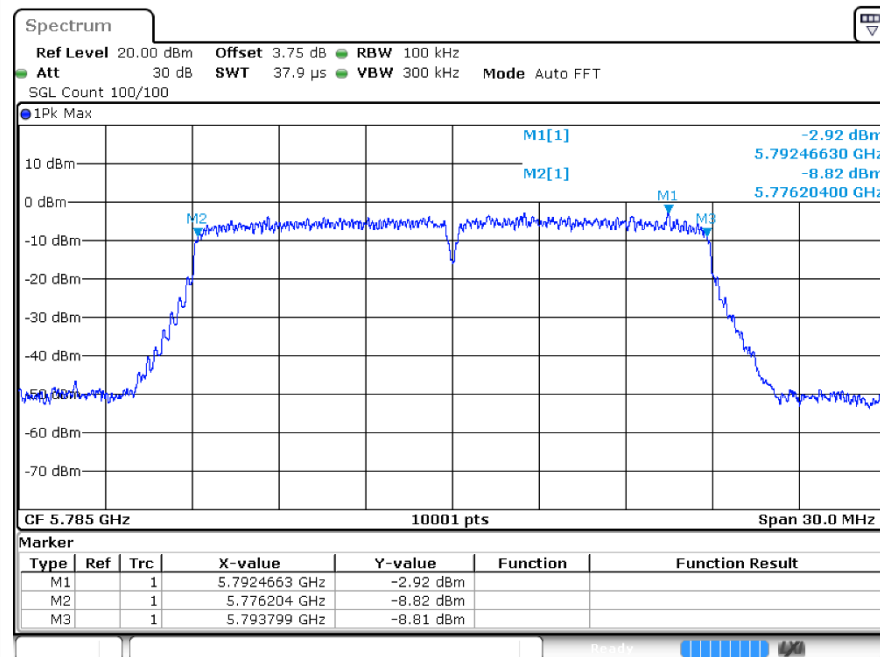
-6dB Bandwidth a 5825MHz Ant1



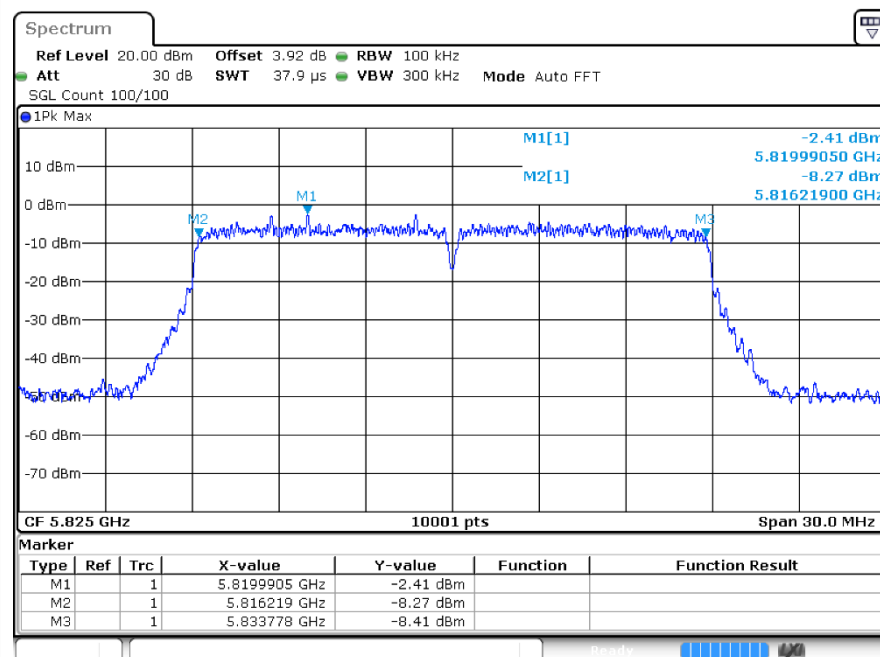
-6dB Bandwidth n20 5745MHz Ant1



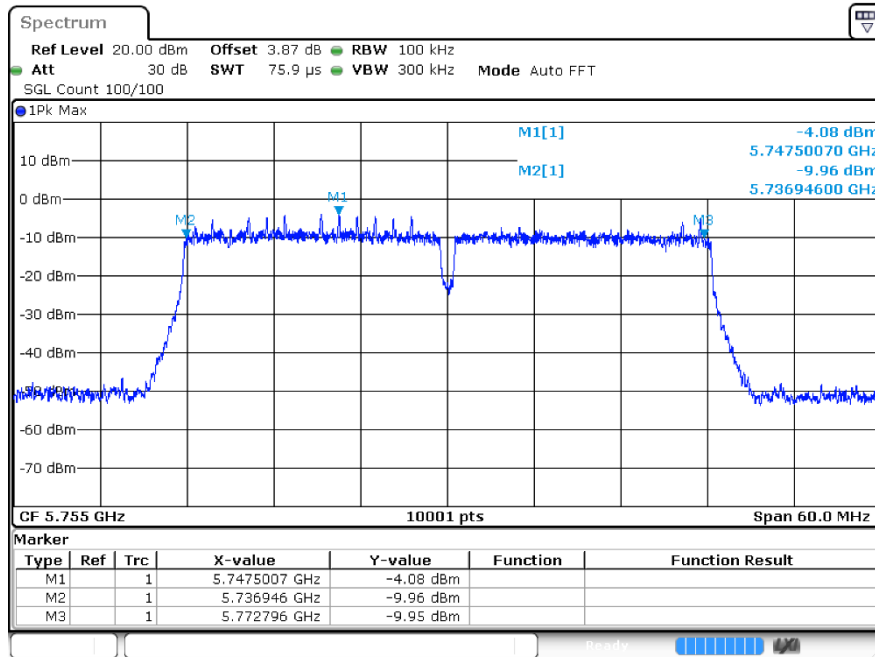
-6dB Bandwidth n20 5785MHz Ant1



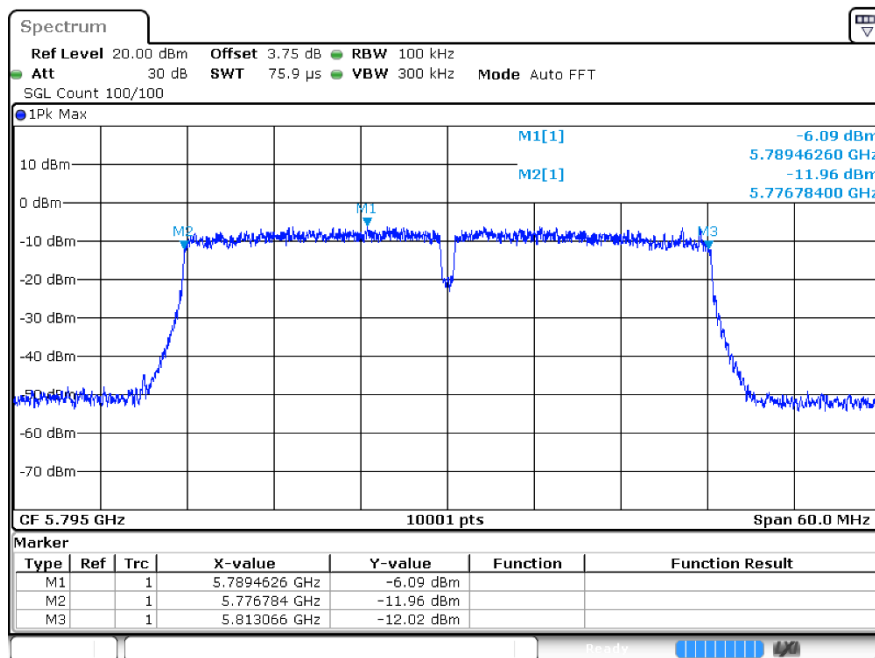
-6dB Bandwidth n20 5825MHz Ant1



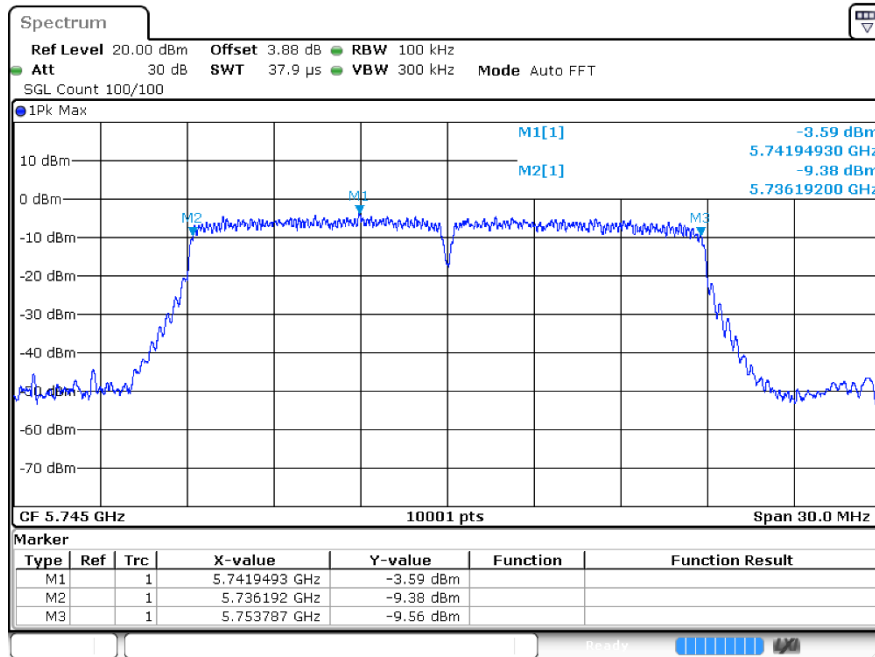
-6dB Bandwidth n40 5755MHz Ant1



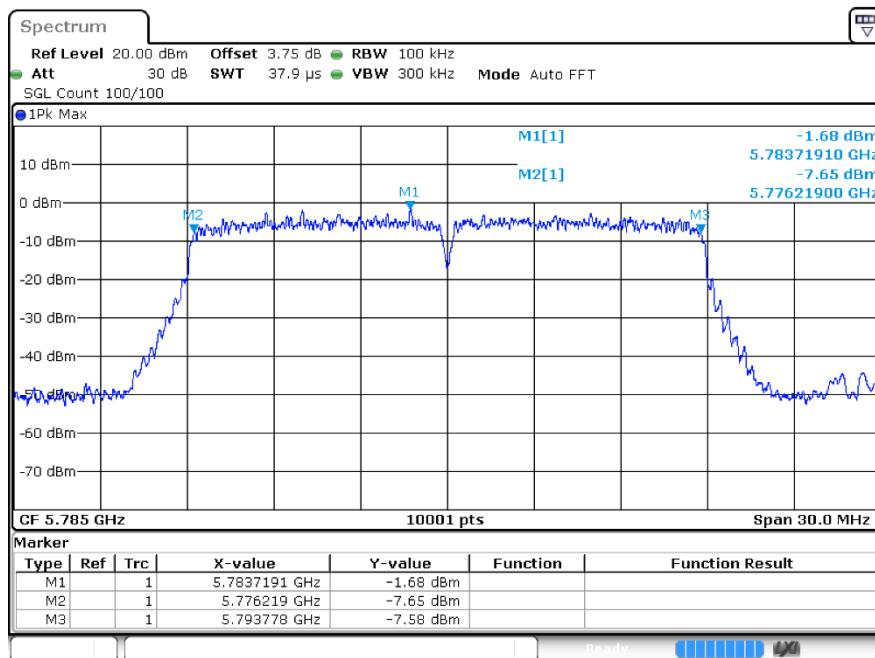
-6dB Bandwidth n40 5795MHz Ant1



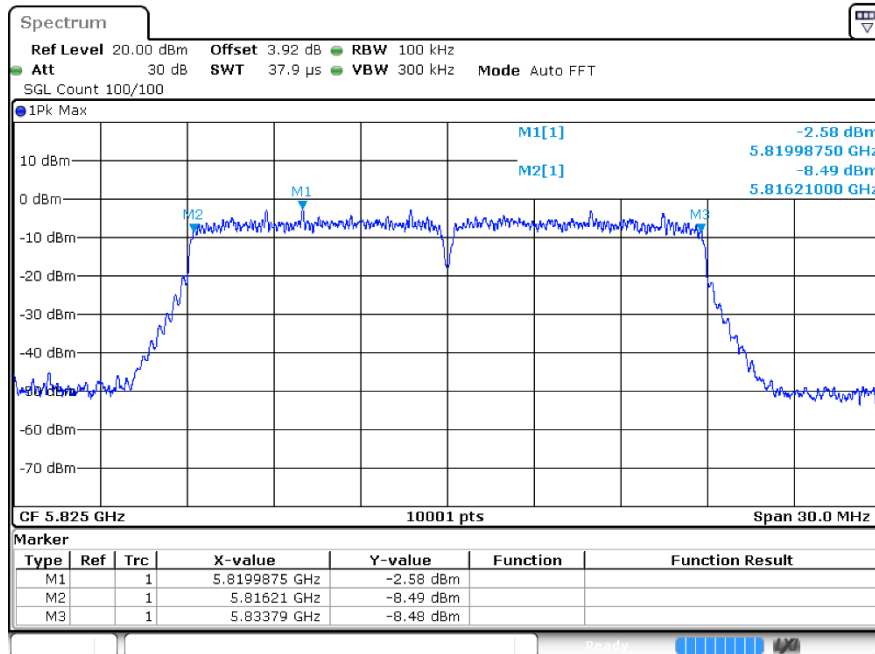
-6dB Bandwidth ac20 5745MHz Ant1



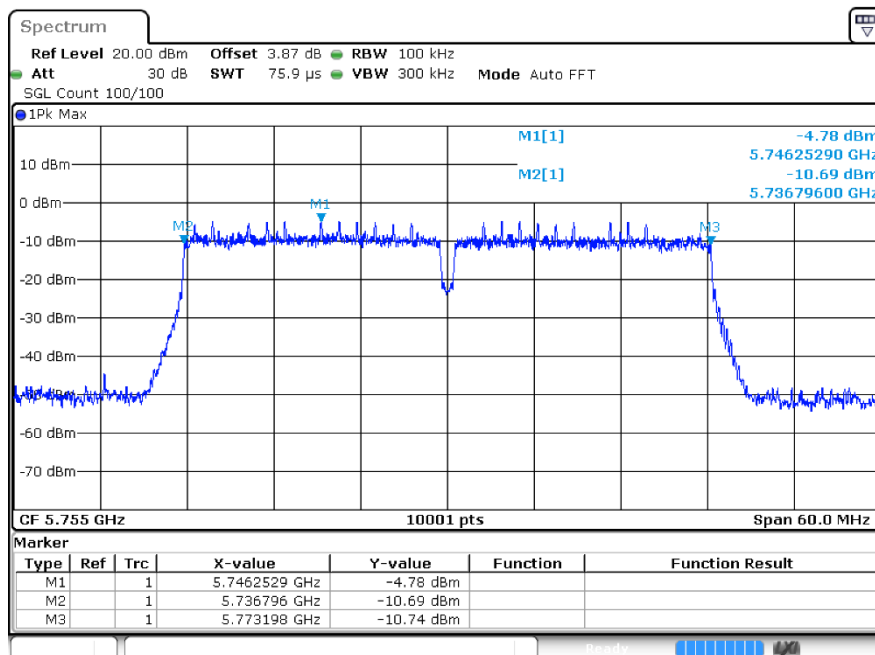
-6dB Bandwidth ac20 5785MHz Ant1



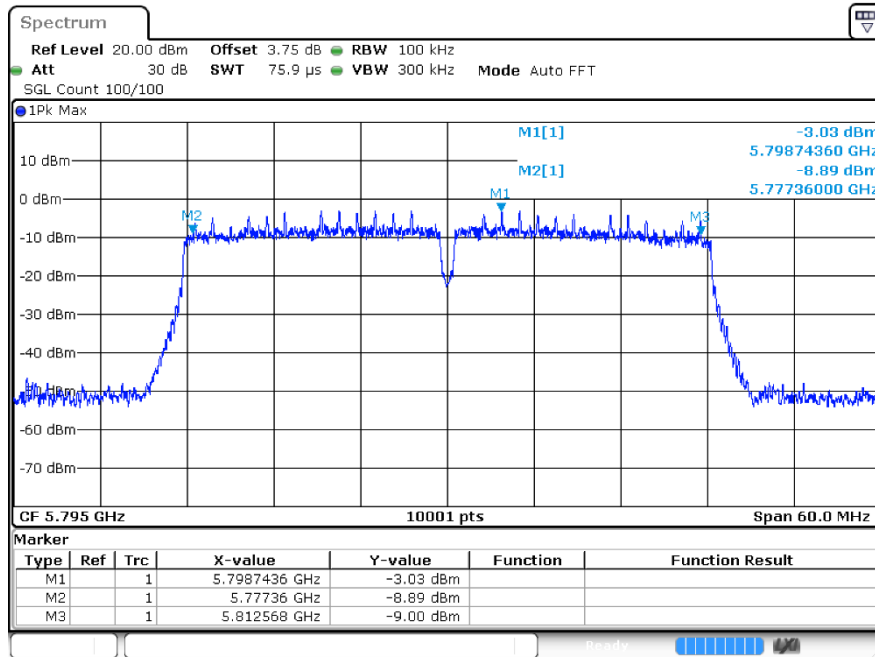
-6dB Bandwidth ac20 5825MHz Ant1



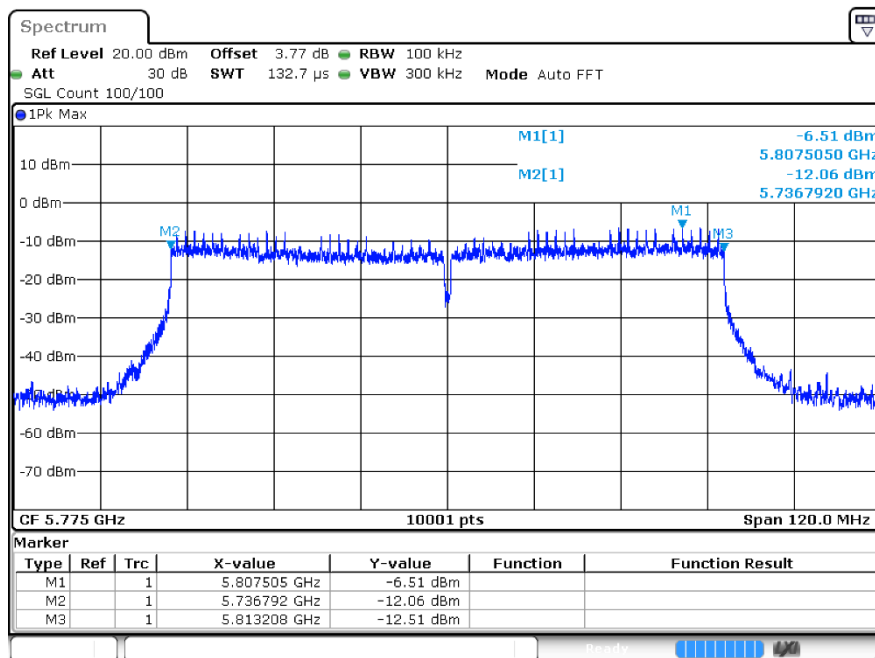
-6dB Bandwidth ac40 5755MHz Ant1



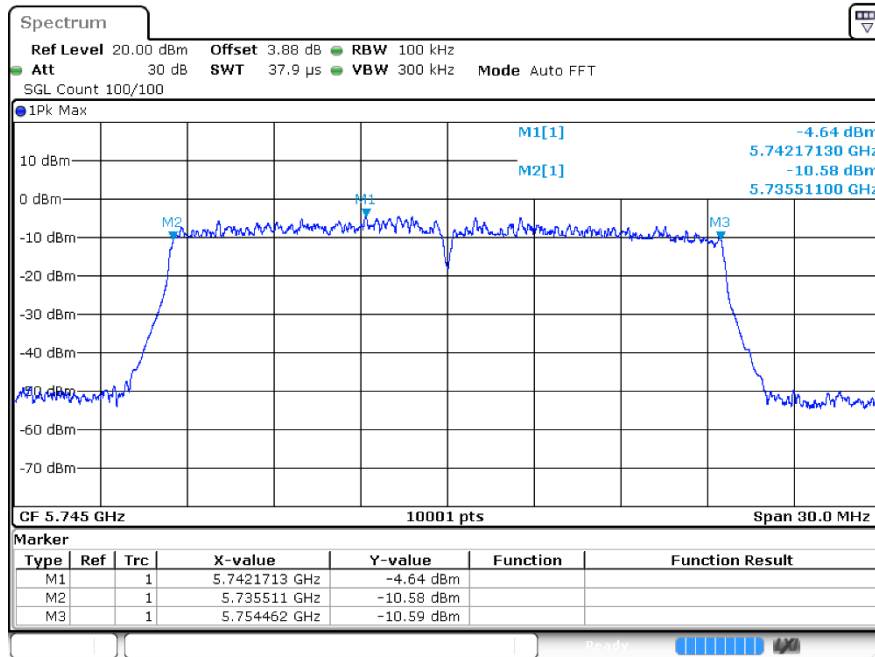
-6dB Bandwidth ac40 5795MHz Ant1



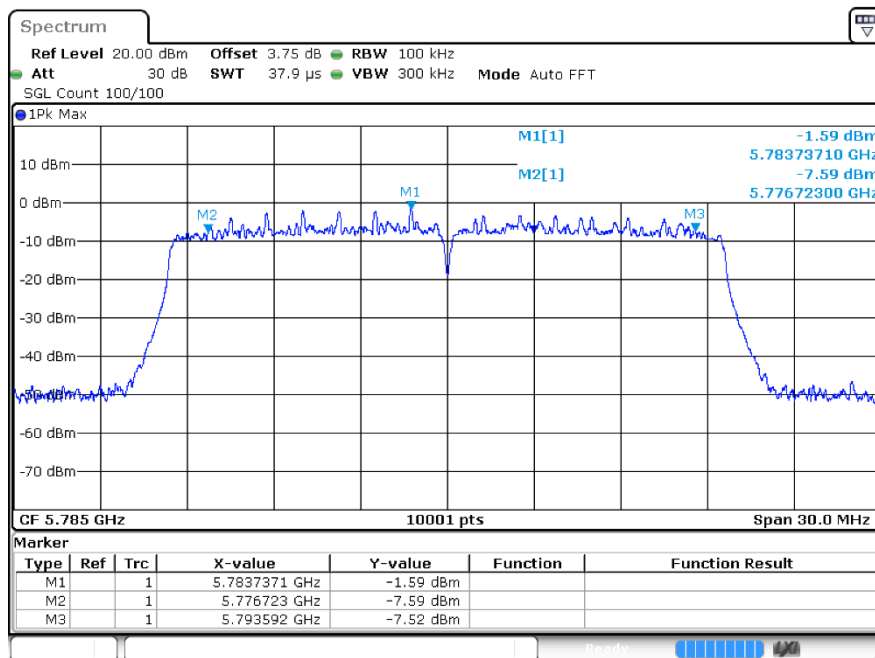
-6dB Bandwidth ac80 5775MHz Ant1



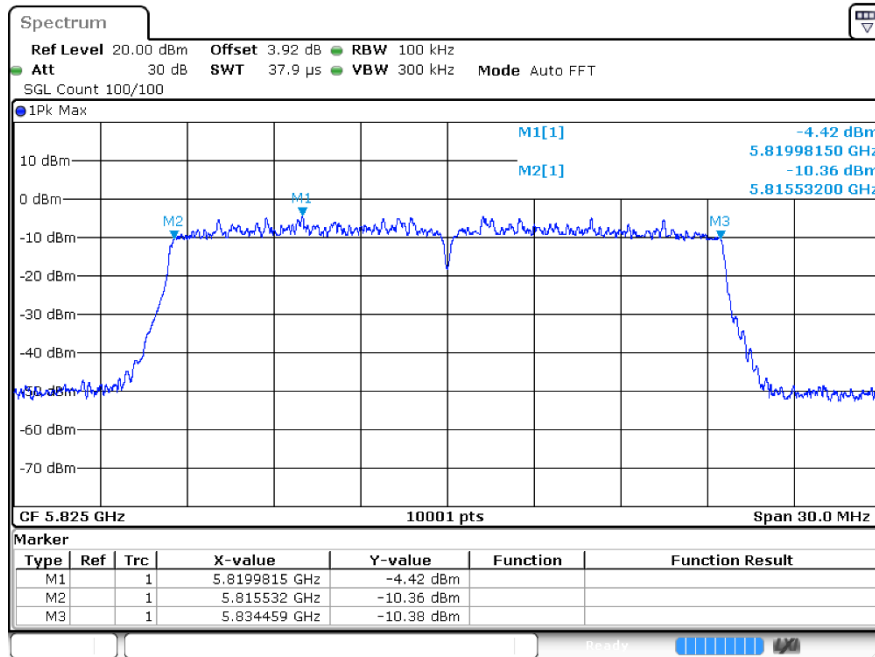
-6dB Bandwidth ax20 5745MHz Ant1



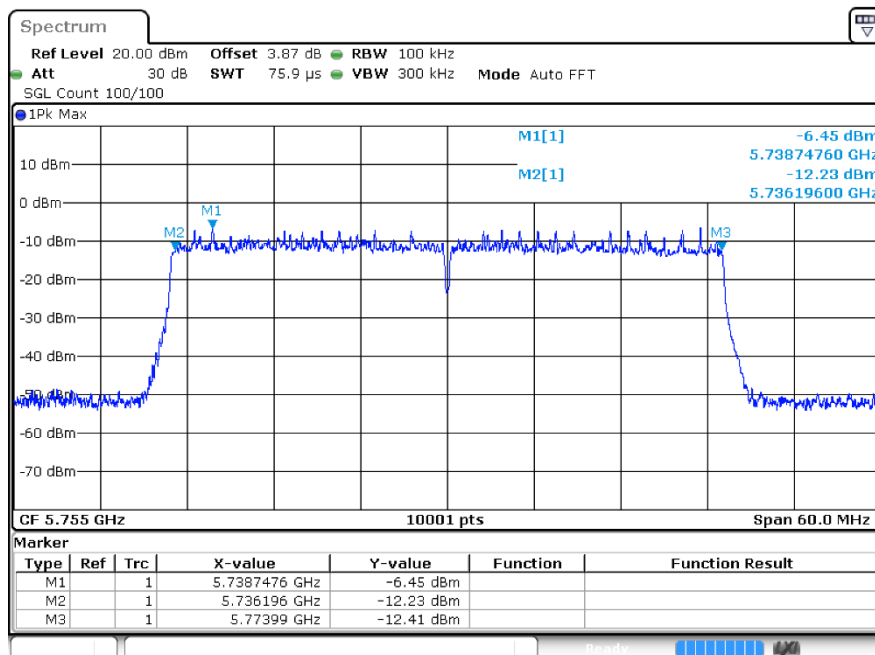
-6dB Bandwidth ax20 5785MHz Ant1



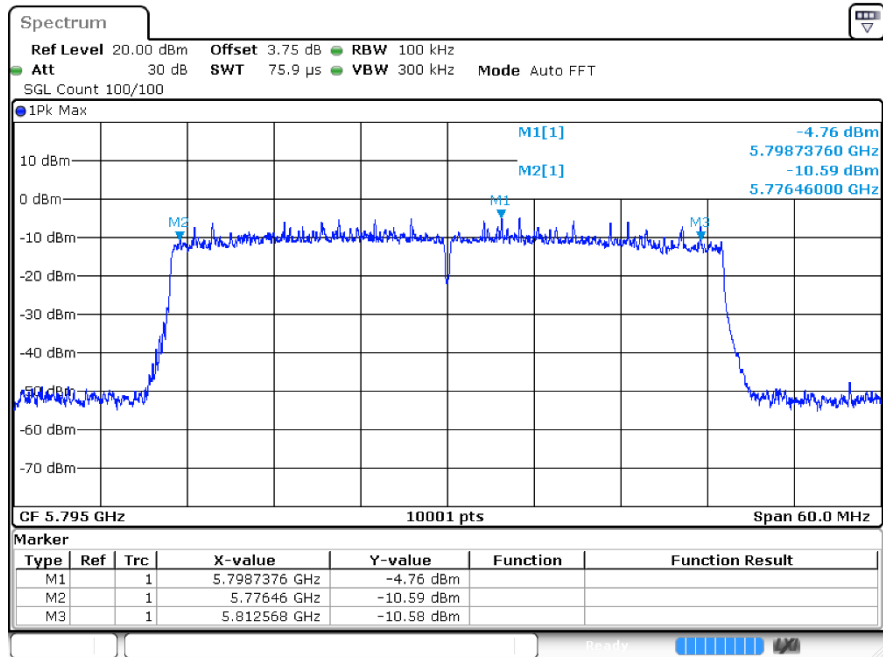
-6dB Bandwidth ax20 5825MHz Ant1



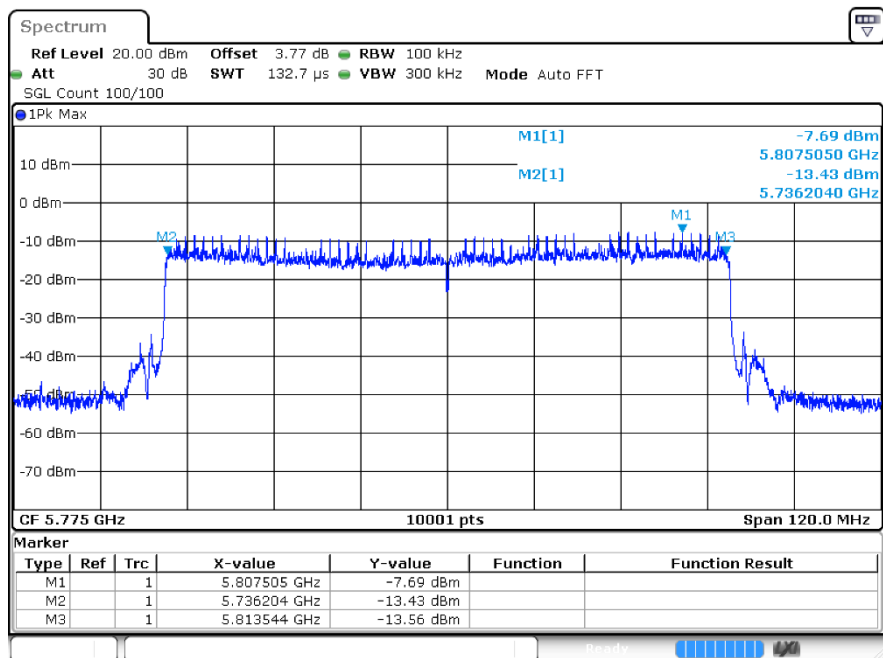
-6dB Bandwidth ax40 5755MHz Ant1



-6dB Bandwidth ax40 5795MHz Ant1



-6dB Bandwidth ax80 5775MHz Ant1



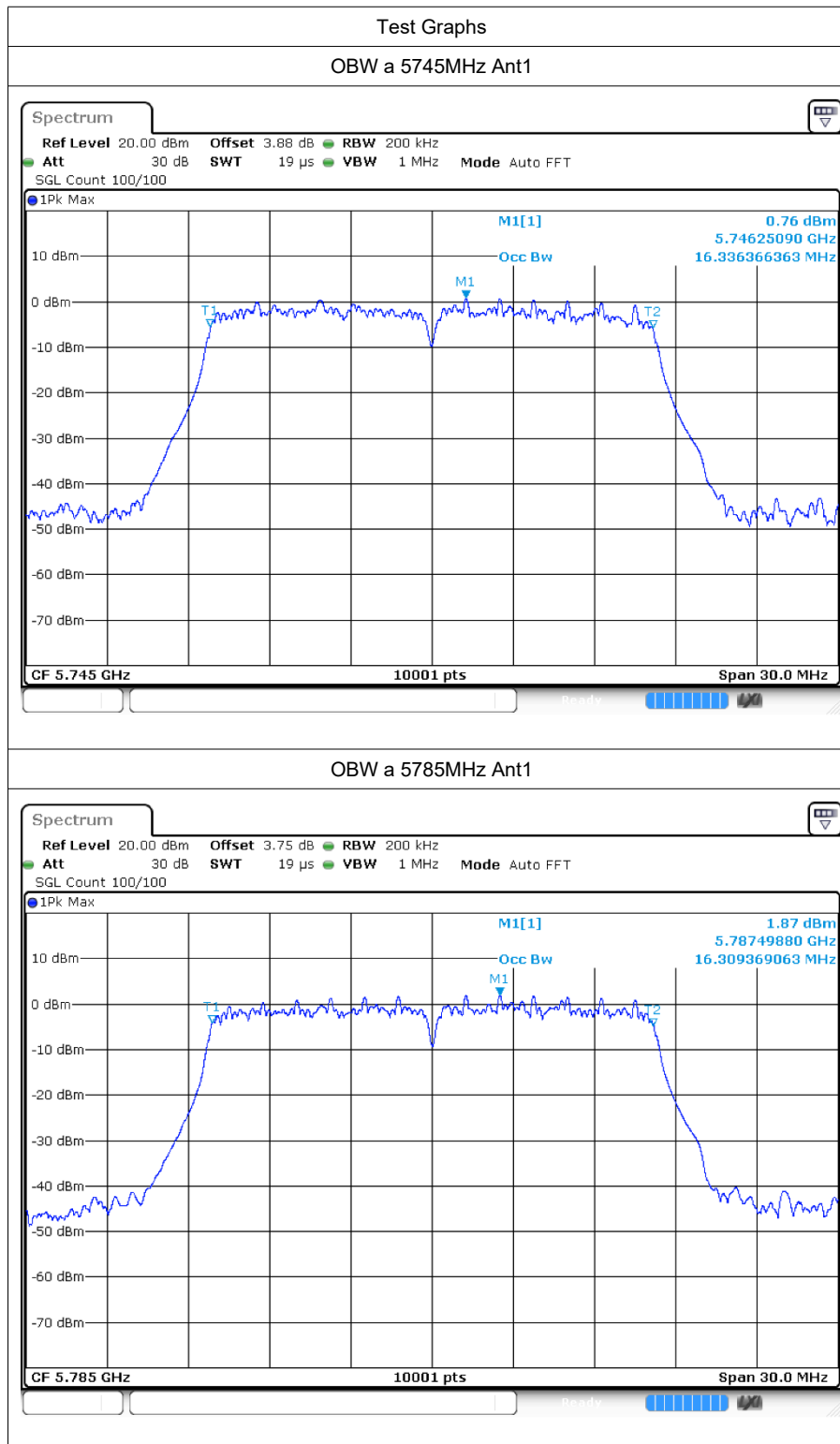


4 Occupied Channel Bandwidth

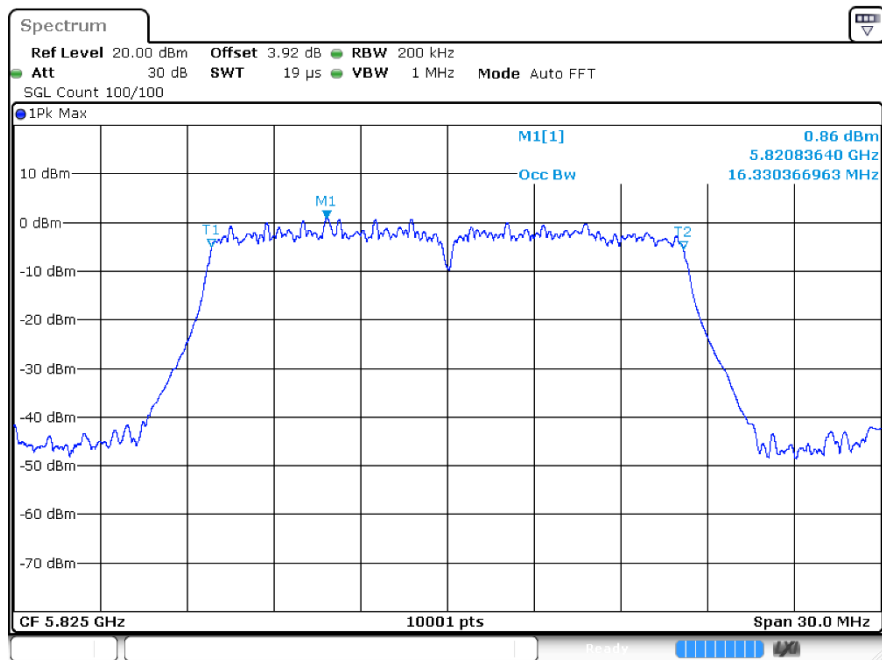
4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5745	Ant1	16.336
a	5785	Ant1	16.309
a	5825	Ant1	16.33
n20	5745	Ant1	17.509
n20	5785	Ant1	17.479
n20	5825	Ant1	17.545
n40	5755	Ant1	36.104
n40	5795	Ant1	35.882
ac20	5745	Ant1	17.491
ac20	5785	Ant1	17.473
ac20	5825	Ant1	17.5
ac40	5755	Ant1	36.302
ac40	5795	Ant1	35.984
ac80	5775	Ant1	76.204
ax20	5745	Ant1	18.844
ax20	5785	Ant1	18.859
ax20	5825	Ant1	18.898
ax40	5755	Ant1	37.784
ax40	5795	Ant1	37.532
ax80	5775	Ant1	77.26

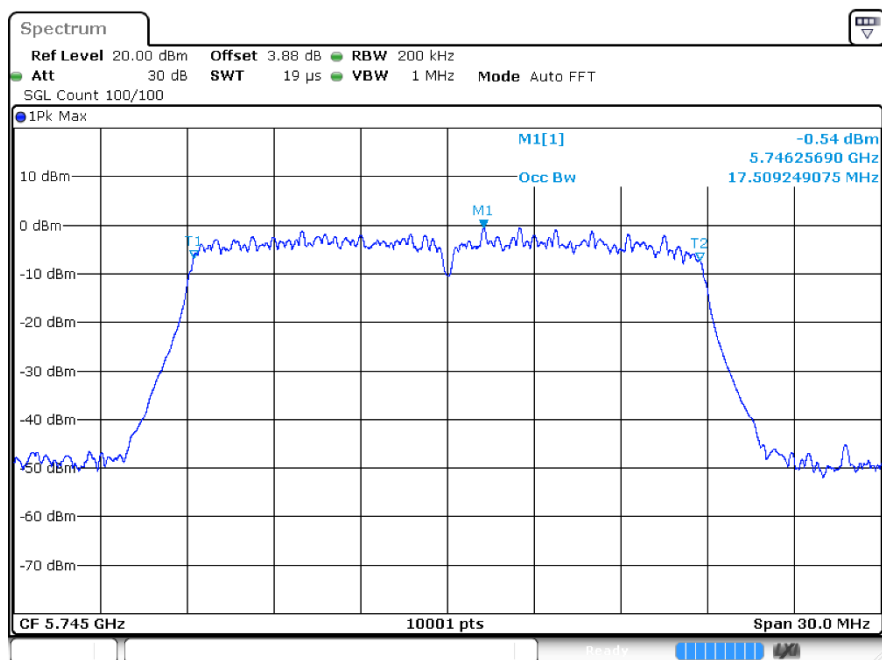
4.2 Test Graphs



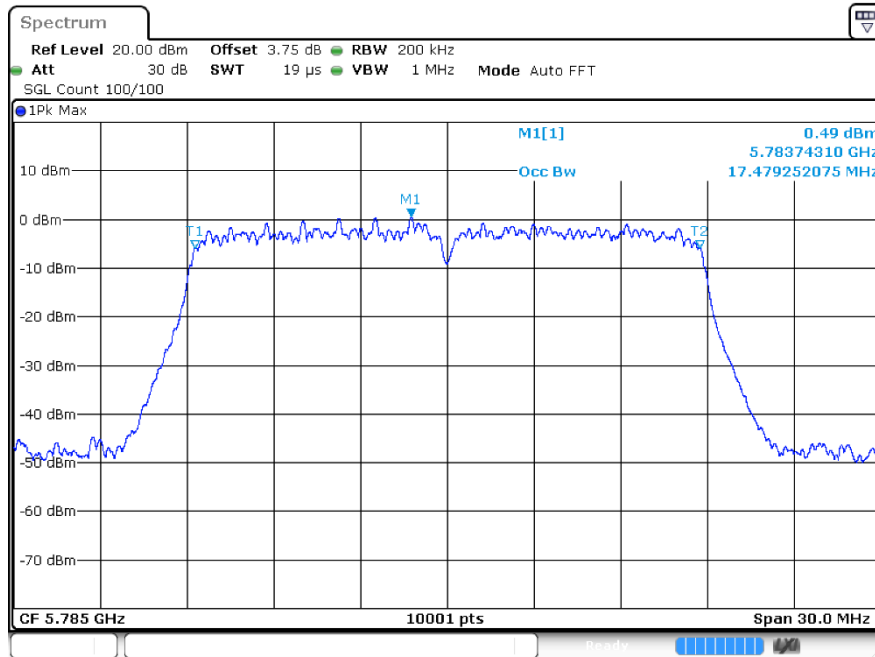
OBW a 5825MHz Ant1



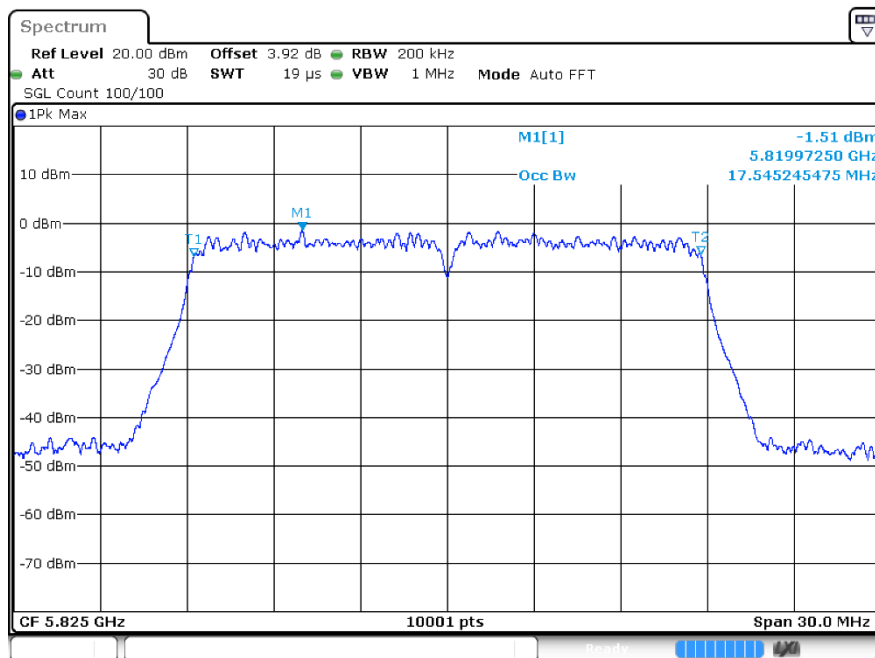
OBW n20 5745MHz Ant1



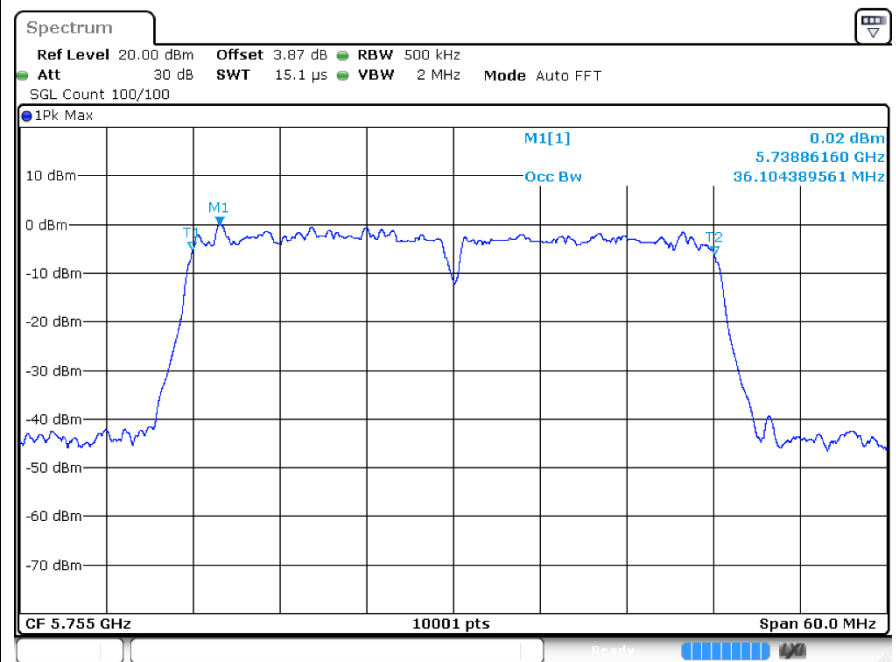
OBW n20 5785MHz Ant1



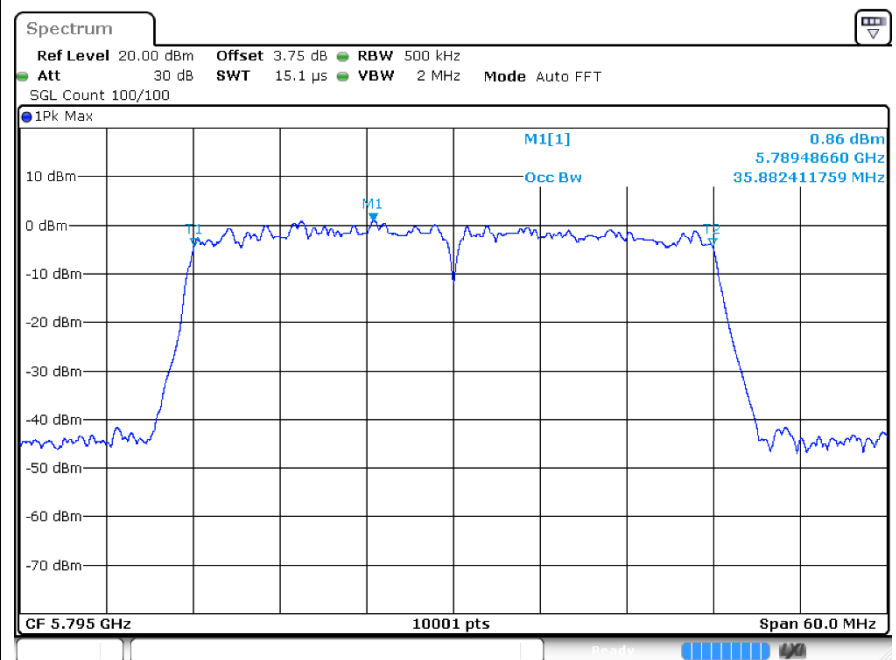
OBW n20 5825MHz Ant1



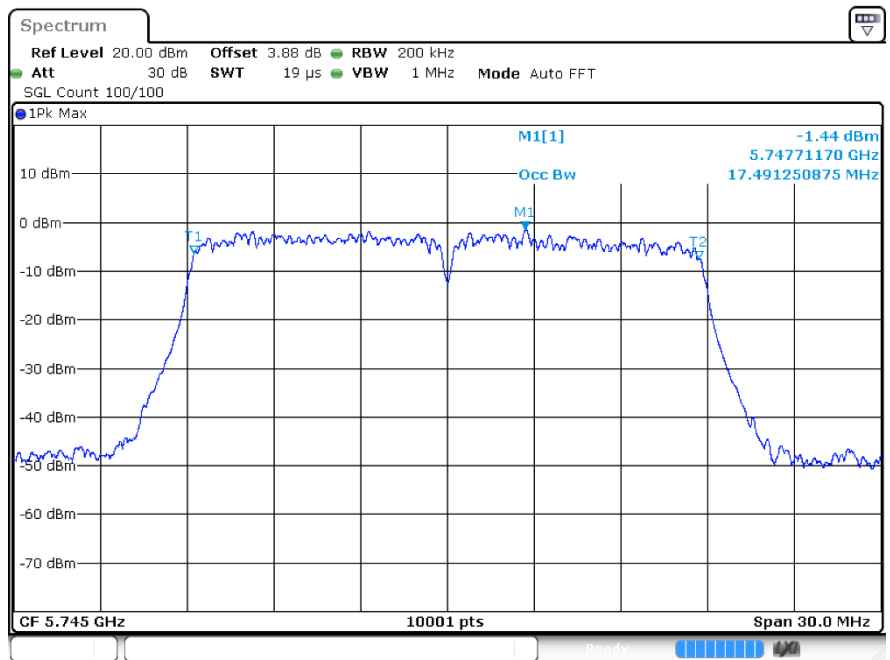
OBW n40 5755MHz Ant1



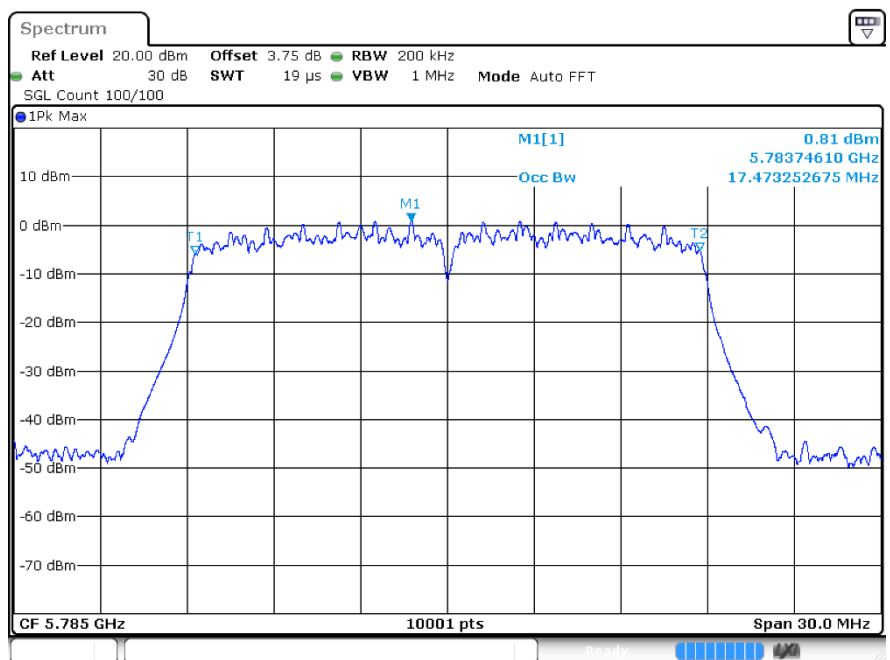
OBW n40 5795MHz Ant1



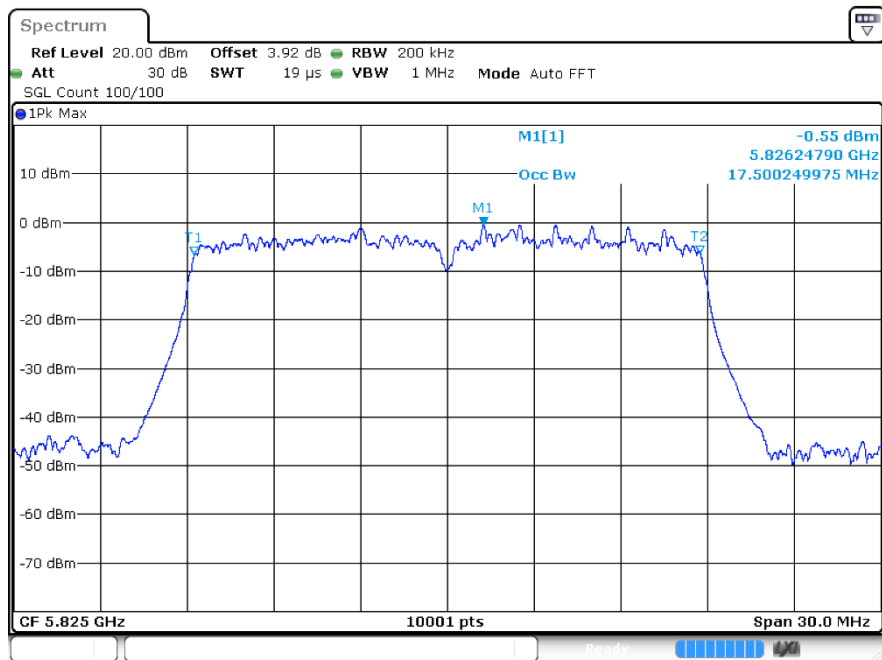
OBW ac20 5745MHz Ant1



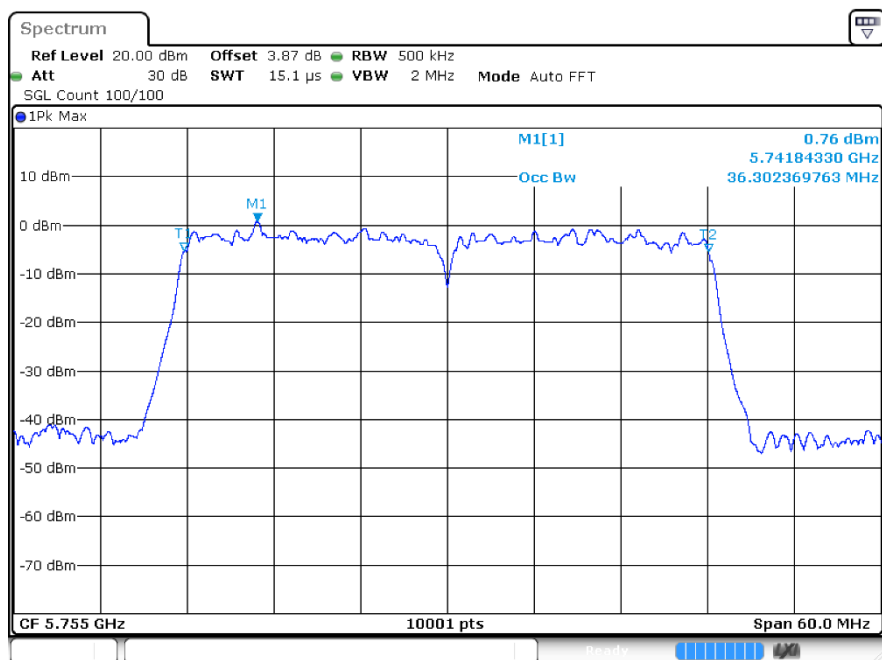
OBW ac20 5785MHz Ant1



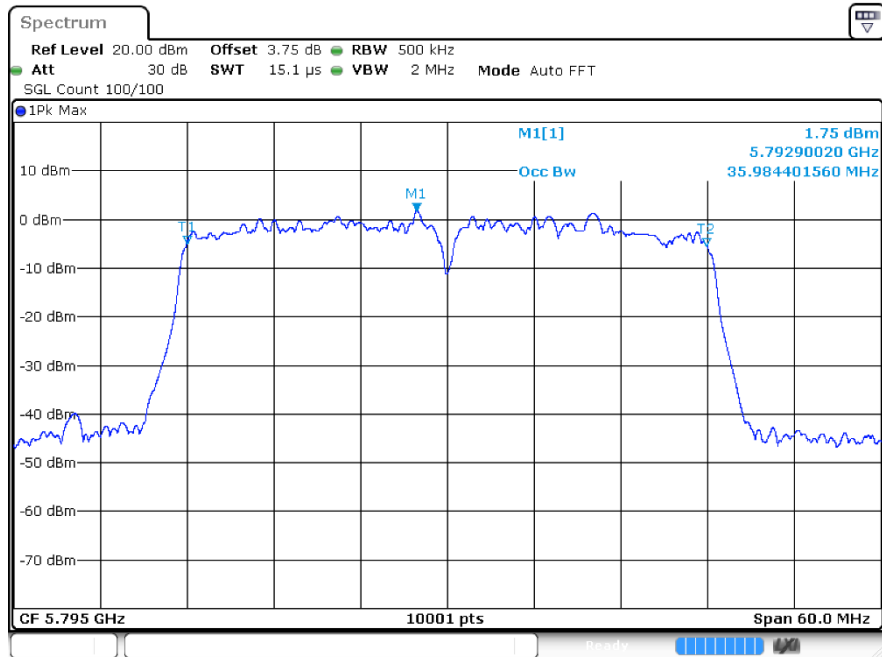
OBW ac20 5825MHz Ant1



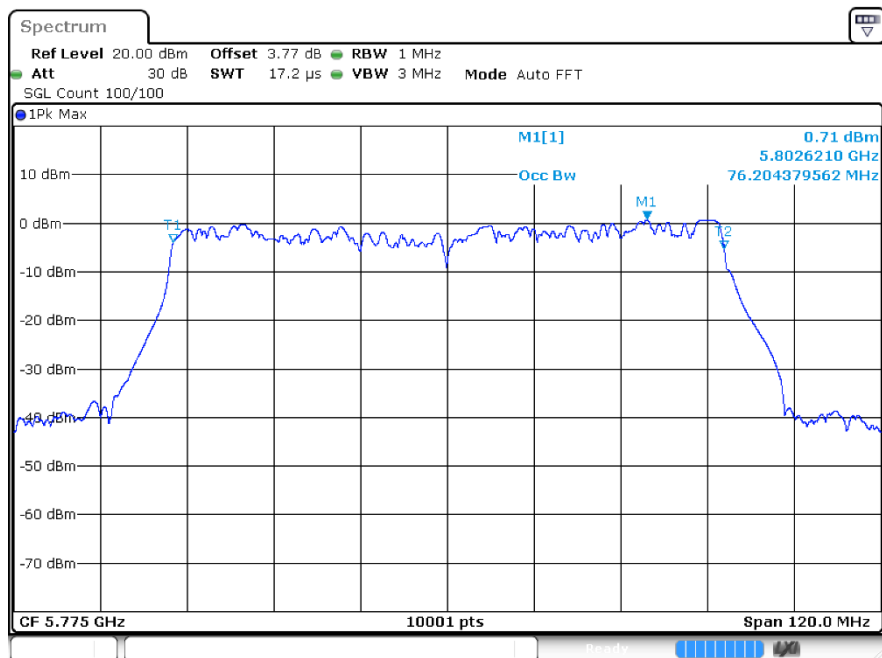
OBW ac40 5755MHz Ant1



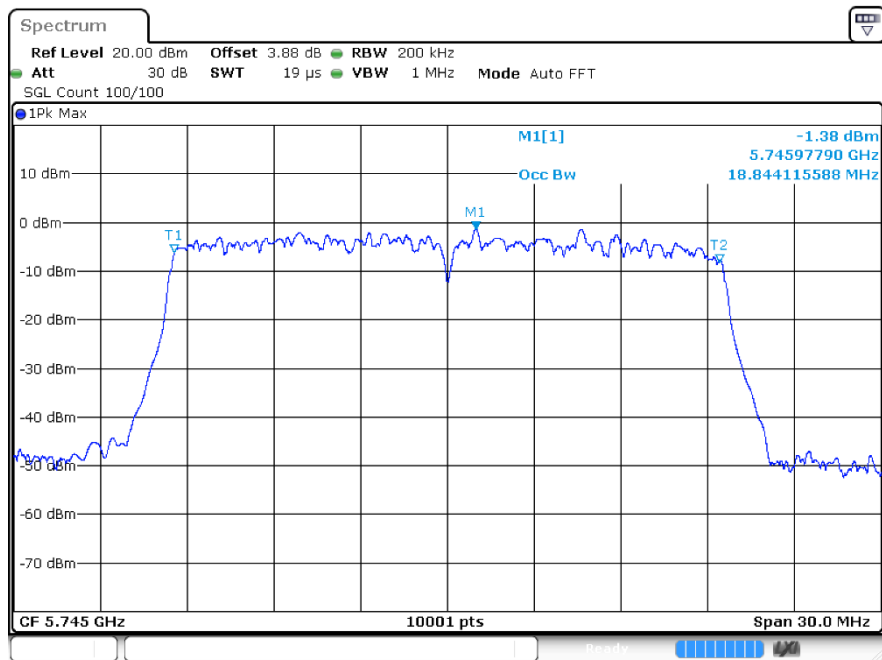
OBW ac40 5795MHz Ant1



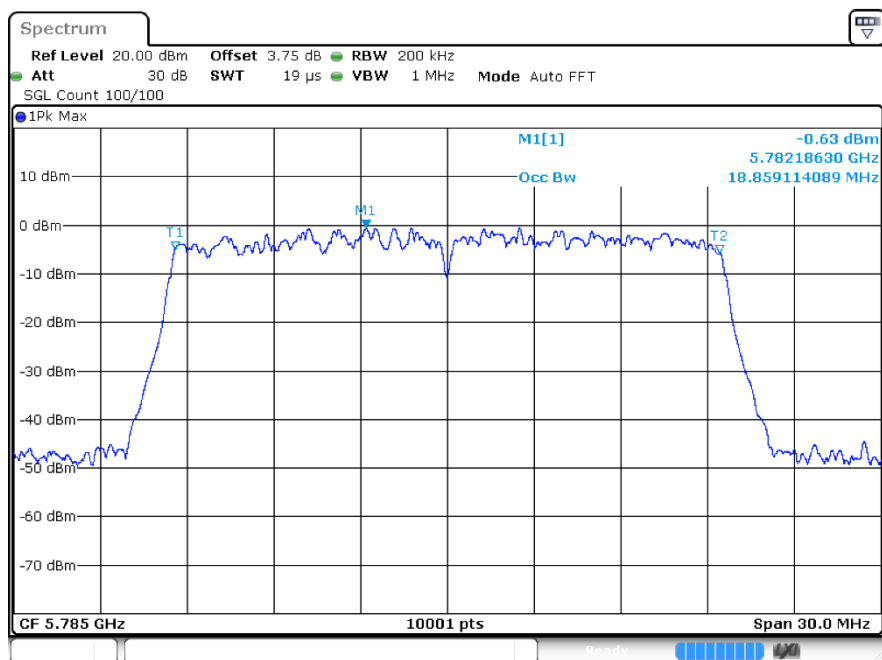
OBW ac80 5775MHz Ant1



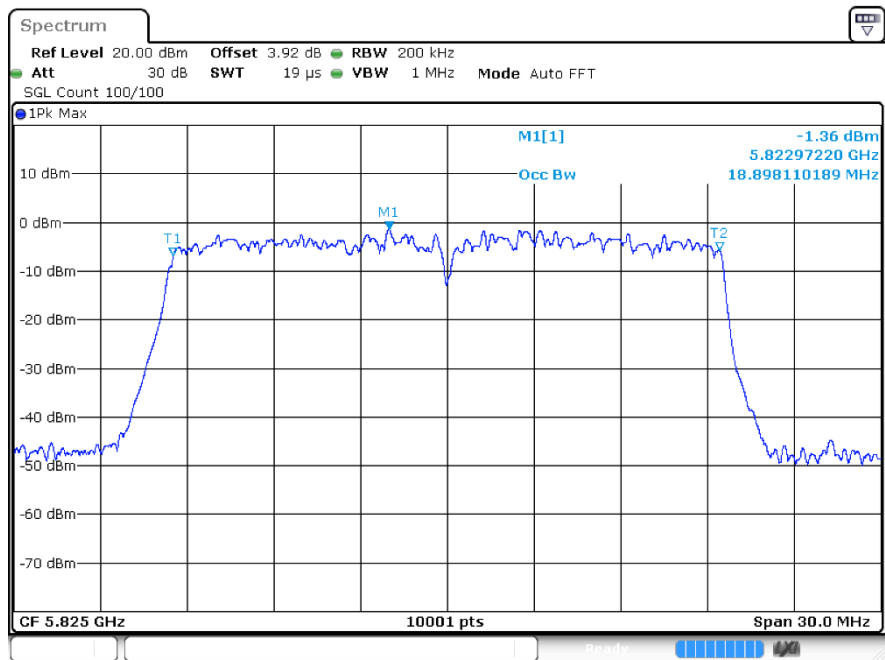
OBW ax20 5745MHz Ant1



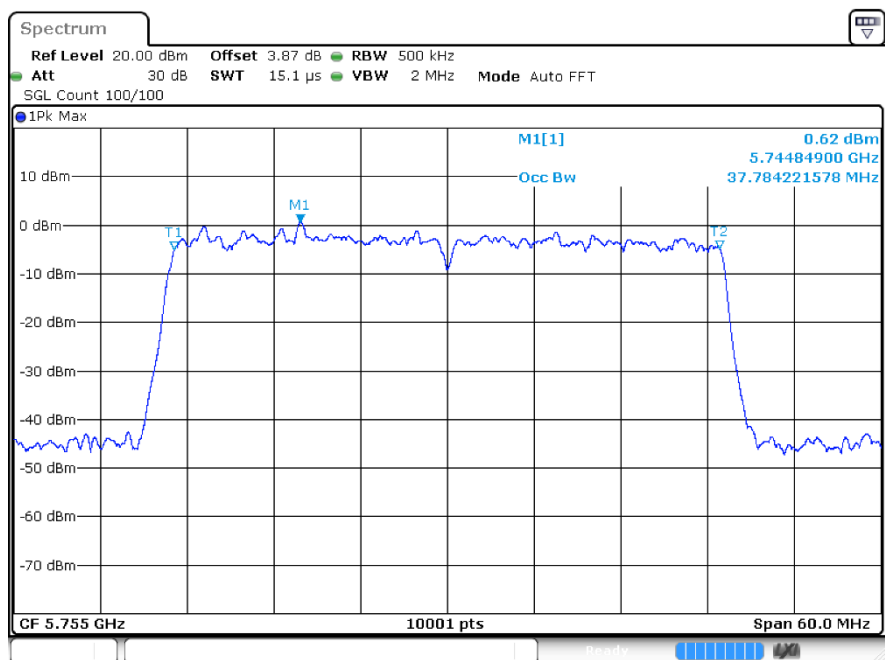
OBW ax20 5785MHz Ant1



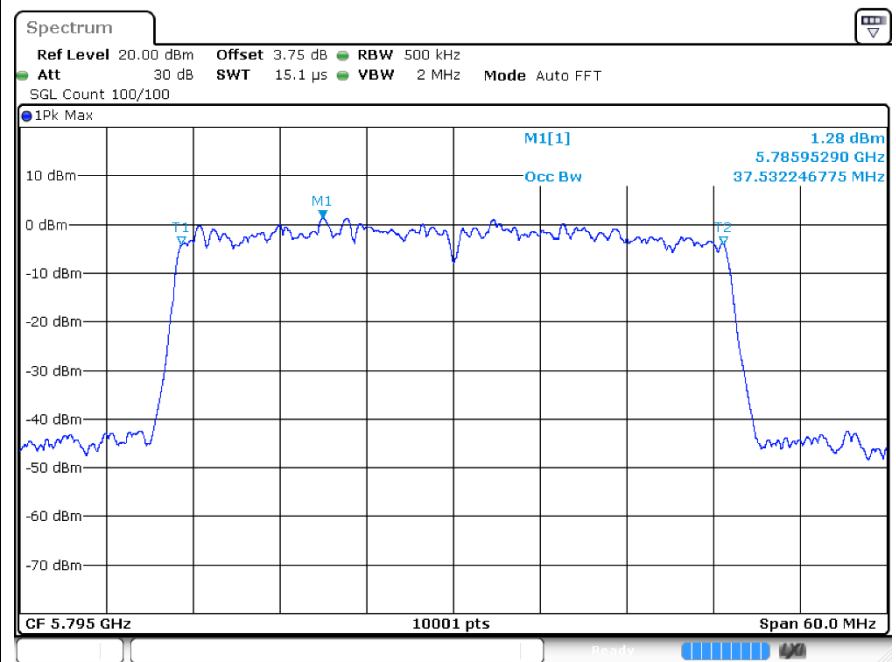
OBW ax20 5825MHz Ant1



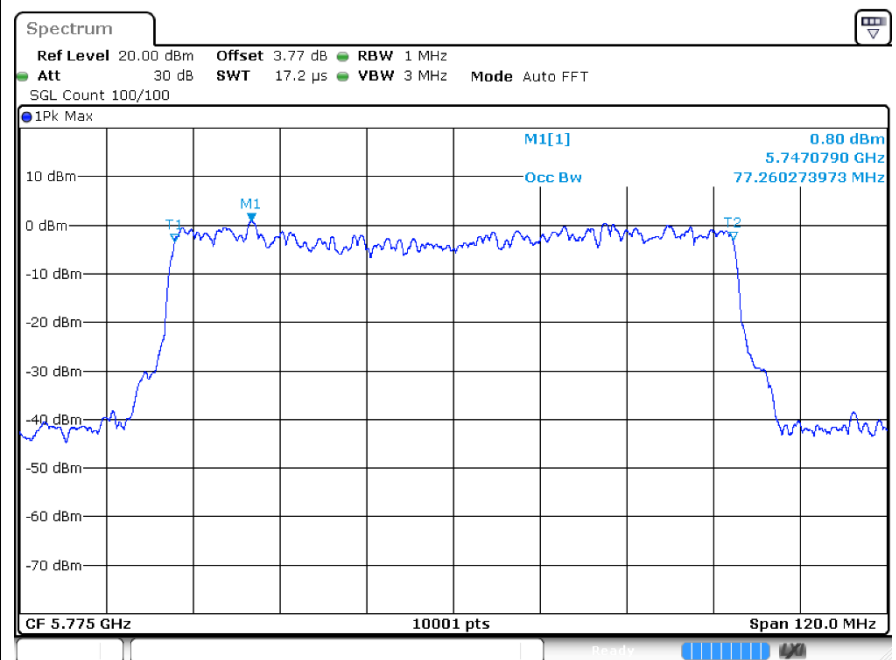
OBW ax40 5755MHz Ant1



OBW ax40 5795MHz Ant1



OBW ax80 5775MHz Ant1





5 Maximum Power Spectral Density Level

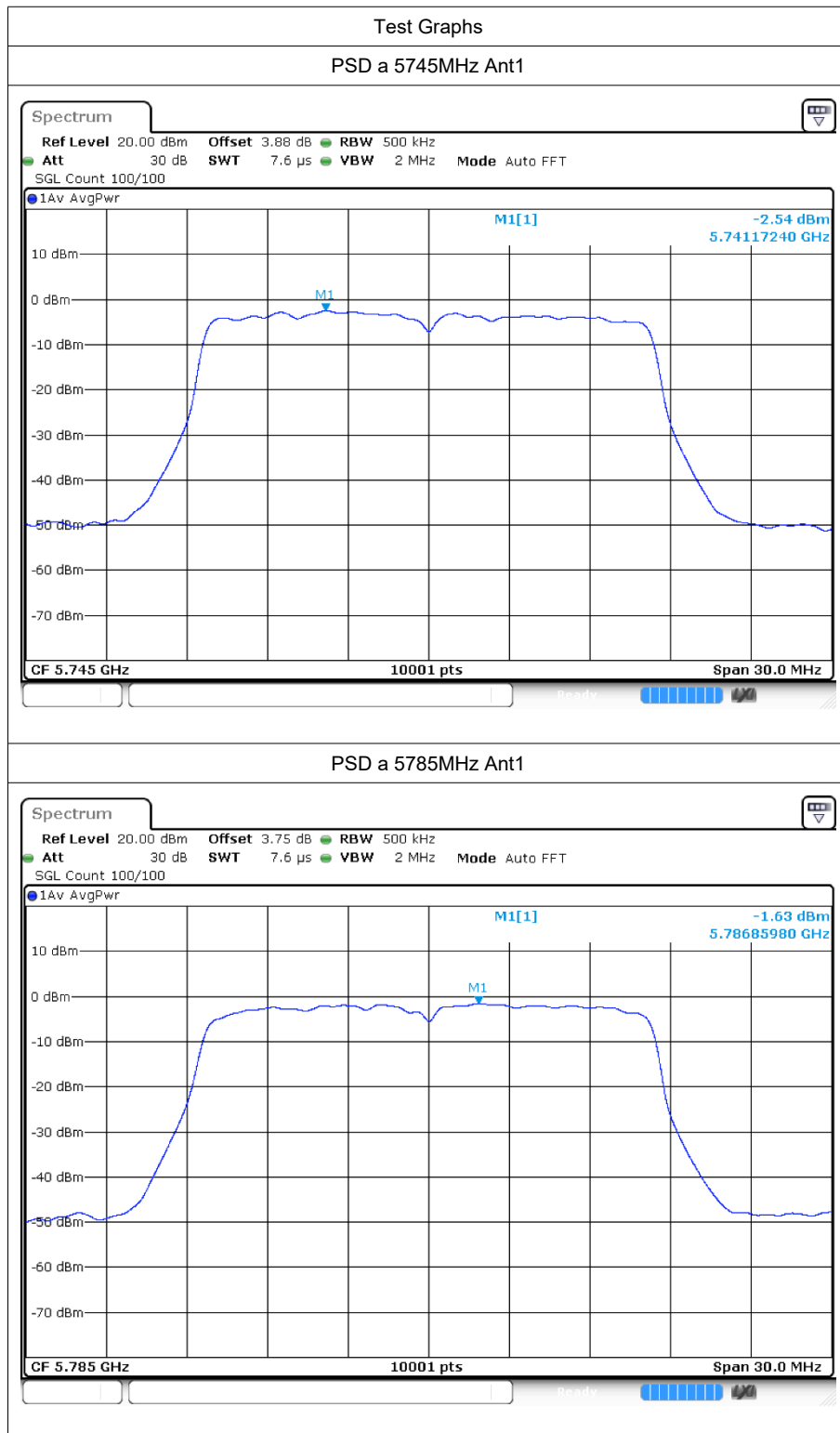
5.1 Test Result

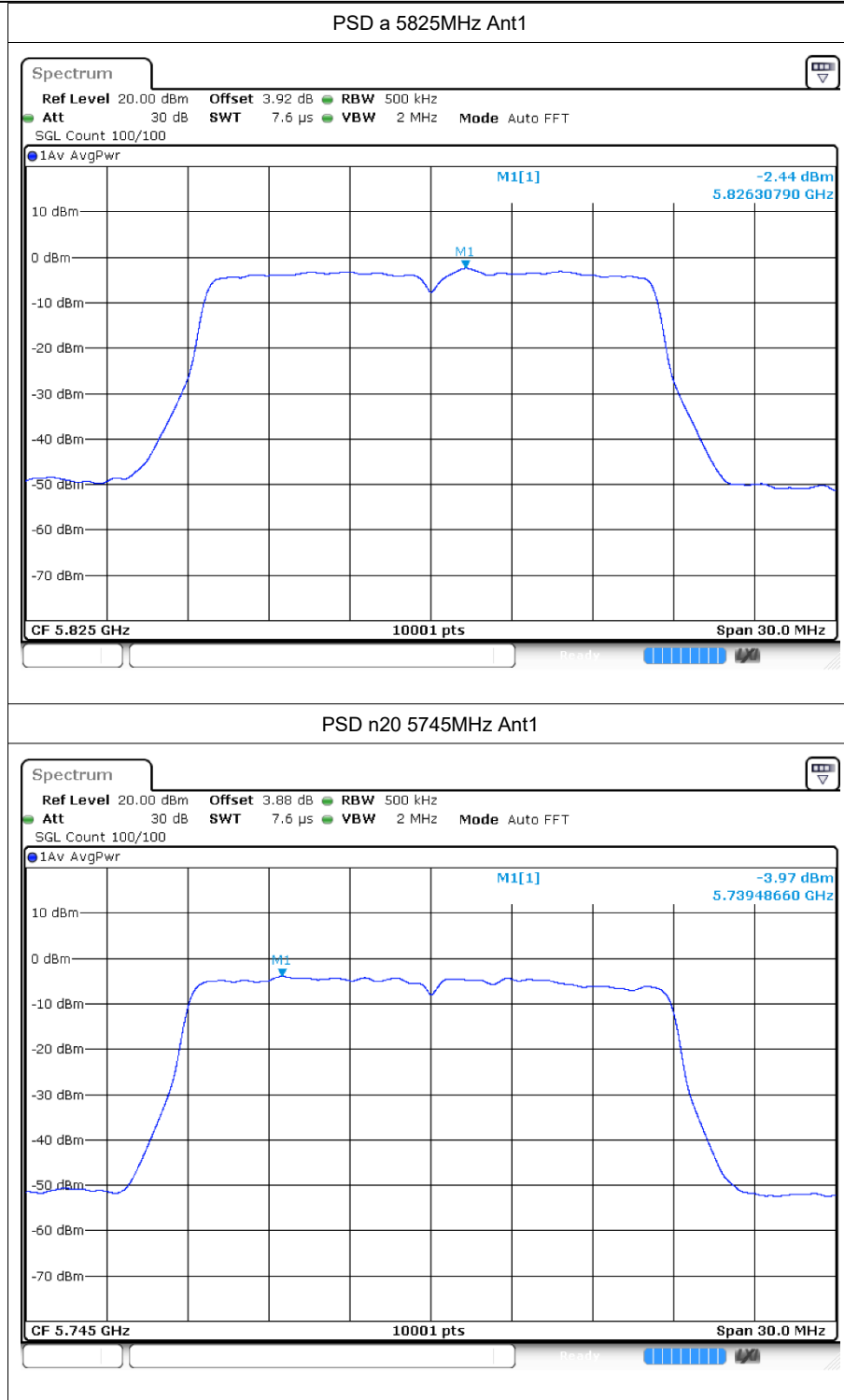
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	-2.54	0	-2.54	29.36	Pass
a	5785	Ant1	-1.63	0	-1.63	29.36	Pass
a	5825	Ant1	-2.44	0	-2.44	29.36	Pass
n20	5745	Ant1	-3.97	0	-3.97	29.36	Pass
n20	5785	Ant1	-3.1	0	-3.1	29.36	Pass
n20	5825	Ant1	-4.2	0	-4.2	29.36	Pass
n40	5755	Ant1	-6.73	0	-6.73	29.36	Pass
n40	5795	Ant1	-6.06	0	-6.06	29.36	Pass
ac20	5745	Ant1	-4.27	0	-4.27	29.36	Pass
ac20	5785	Ant1	-3.01	0	-3.01	29.36	Pass
ac20	5825	Ant1	-4.24	0	-4.24	29.36	Pass
ac40	5755	Ant1	-7.06	0	-7.06	29.36	Pass
ac40	5795	Ant1	-6.13	0	-6.13	29.36	Pass
ac80	5775	Ant1	-9.78	0	-9.78	29.36	Pass
ax20	5745	Ant1	-5.12	0	-5.12	29.36	Pass
ax20	5785	Ant1	-4.51	0	-4.51	29.36	Pass
ax20	5825	Ant1	-5.54	0	-5.54	29.36	Pass
ax40	5755	Ant1	-8.08	0	-8.08	29.36	Pass
ax40	5795	Ant1	-7.58	0	-7.58	29.36	Pass
ax80	5775	Ant1	-10.15	0	-10.15	29.36	Pass

Note:

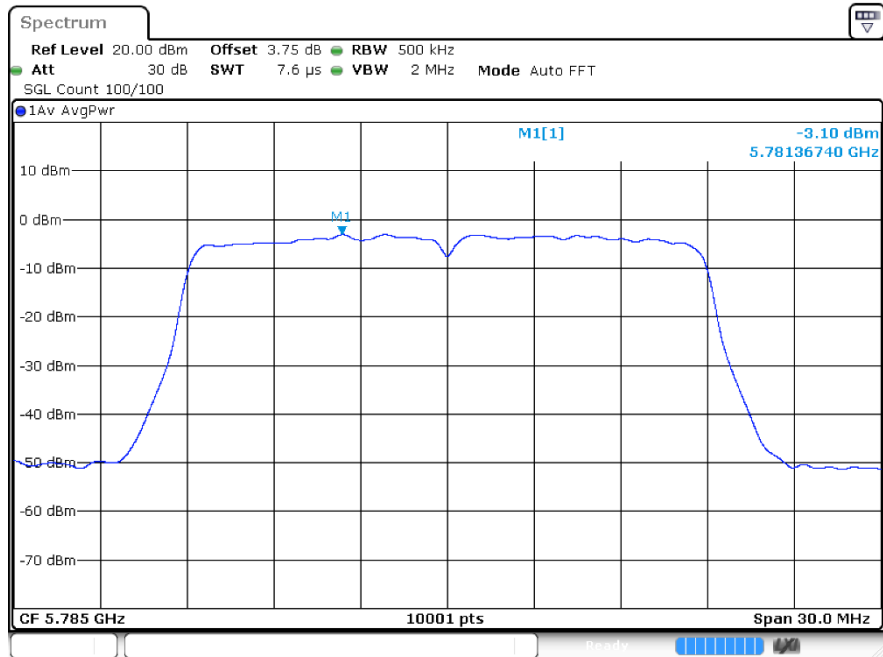
The gain of antenna is 6.64 dBi, which exceeds 6 dBi. Limit = 30 - (6.64 - 6) = 29.36 dBm

5.2 Test Graphs

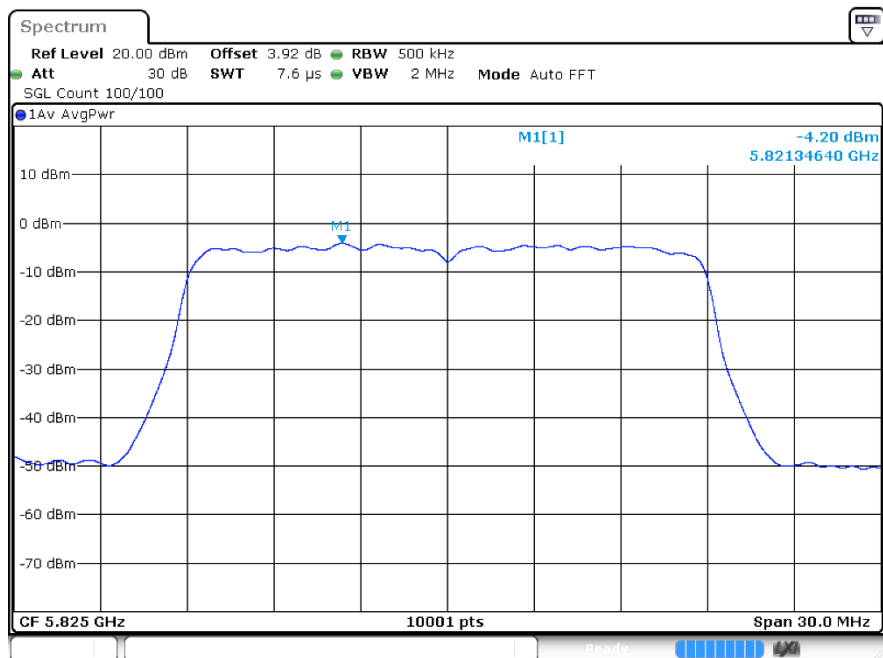


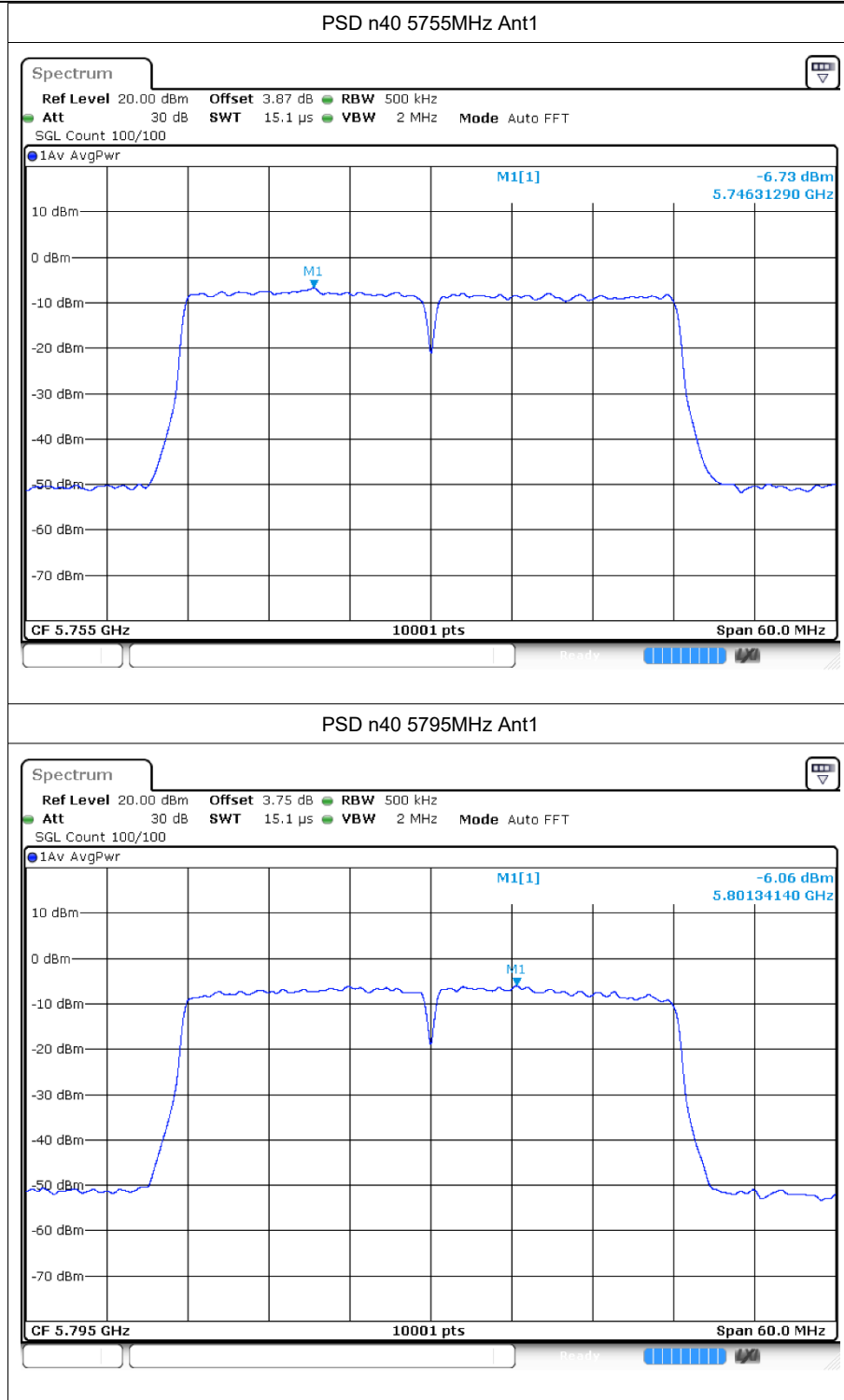


PSD n20 5785MHz Ant1

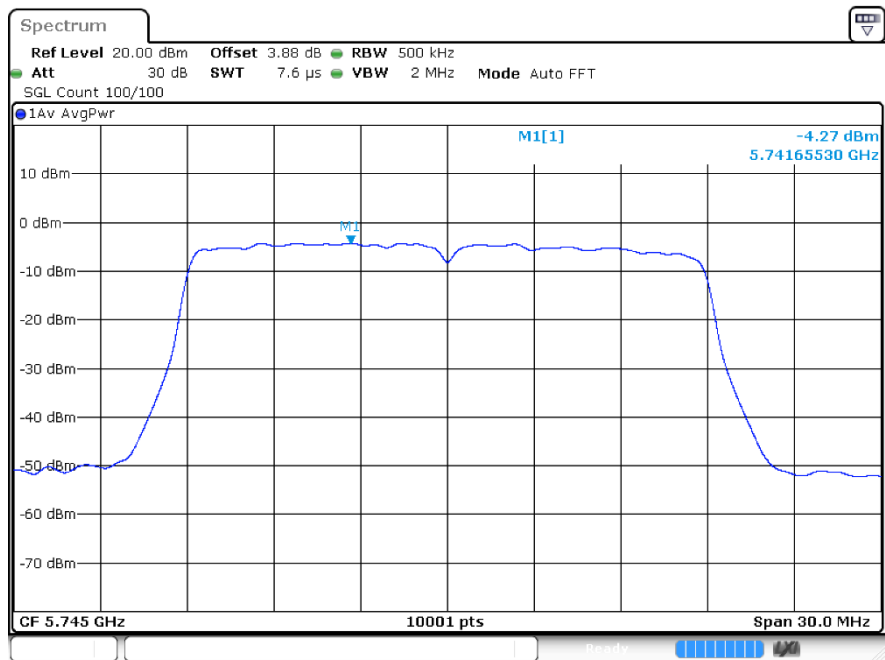


PSD n20 5825MHz Ant1

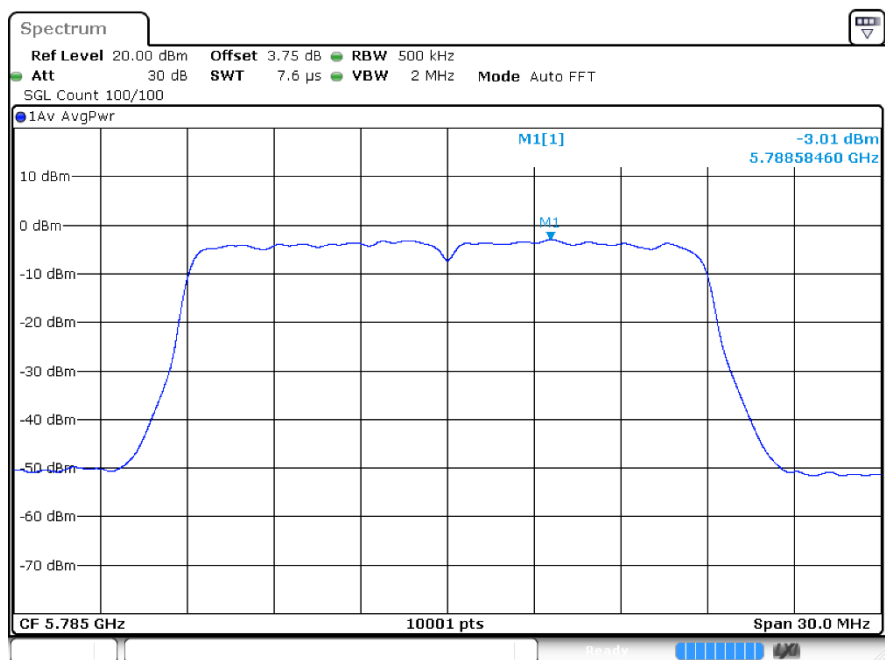




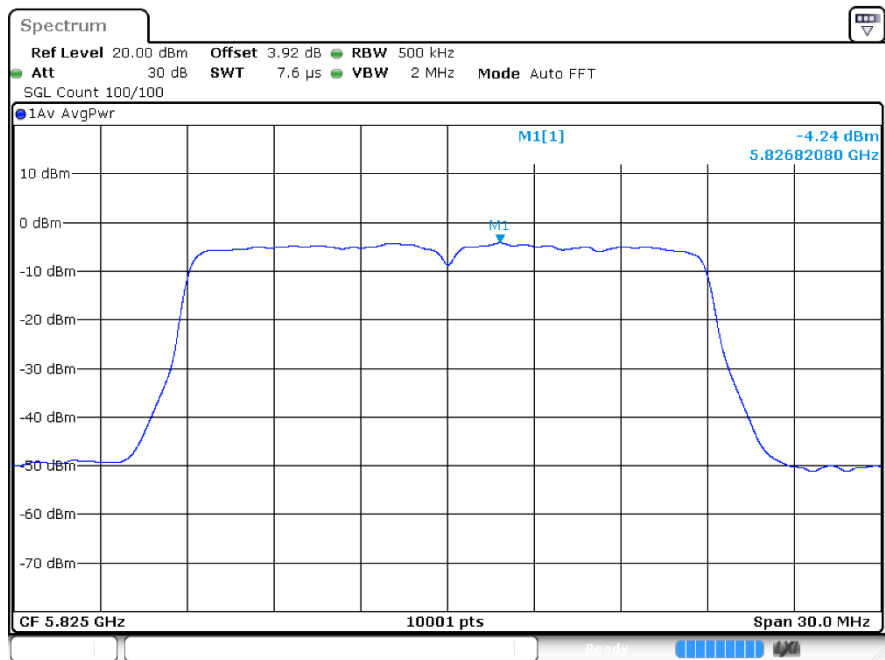
PSD ac20 5745MHz Ant1



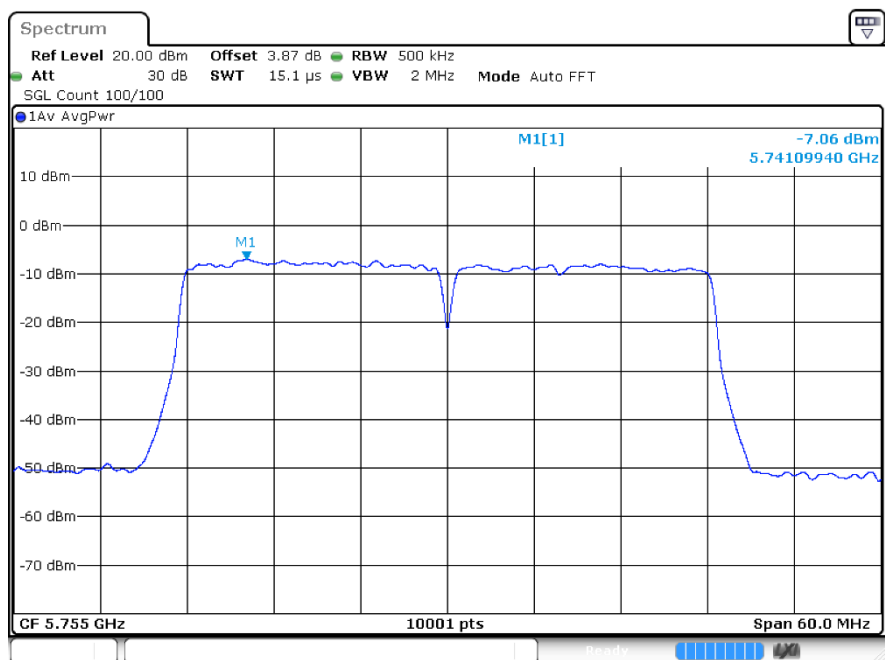
PSD ac20 5785MHz Ant1



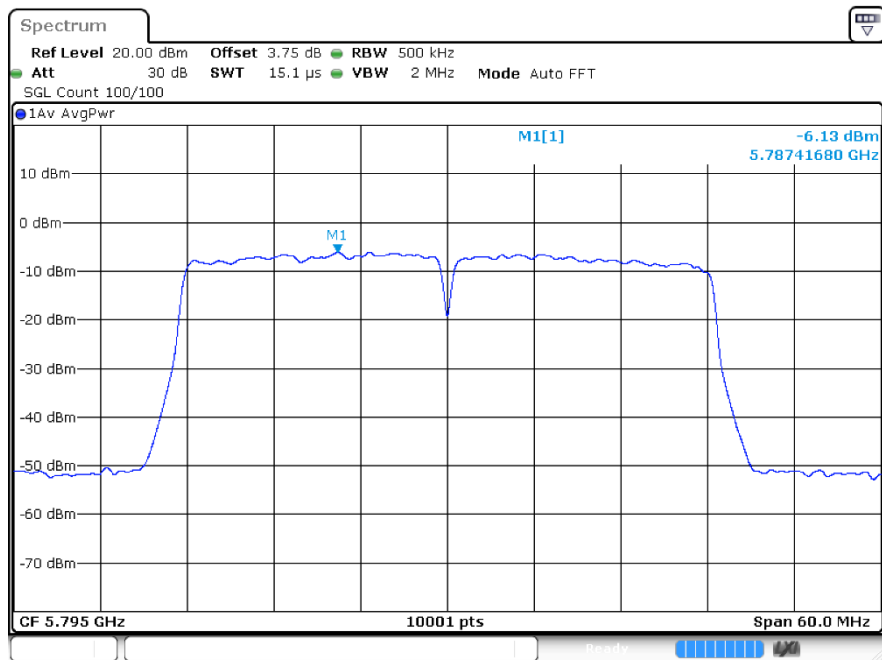
PSD ac20 5825MHz Ant1



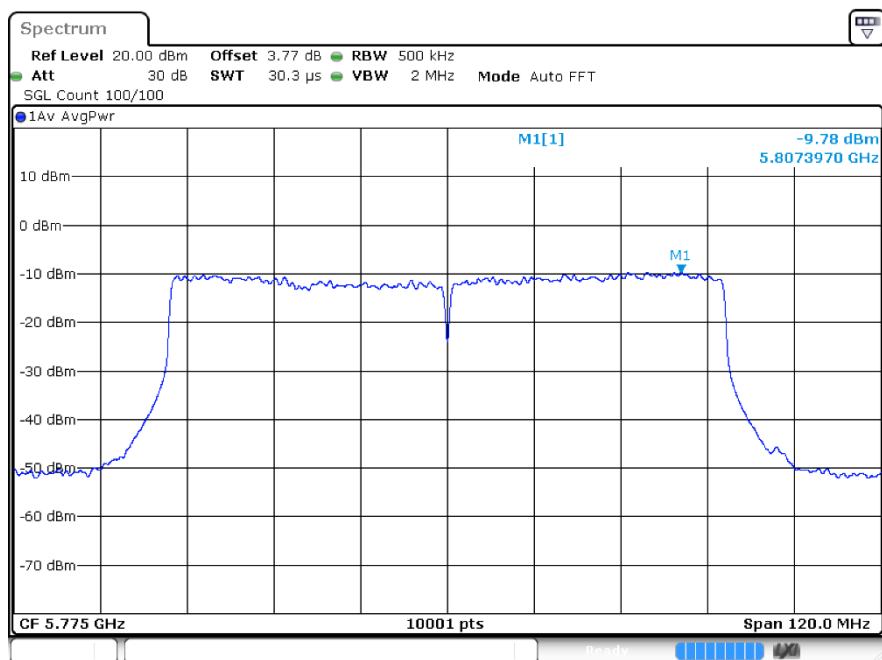
PSD ac40 5755MHz Ant1



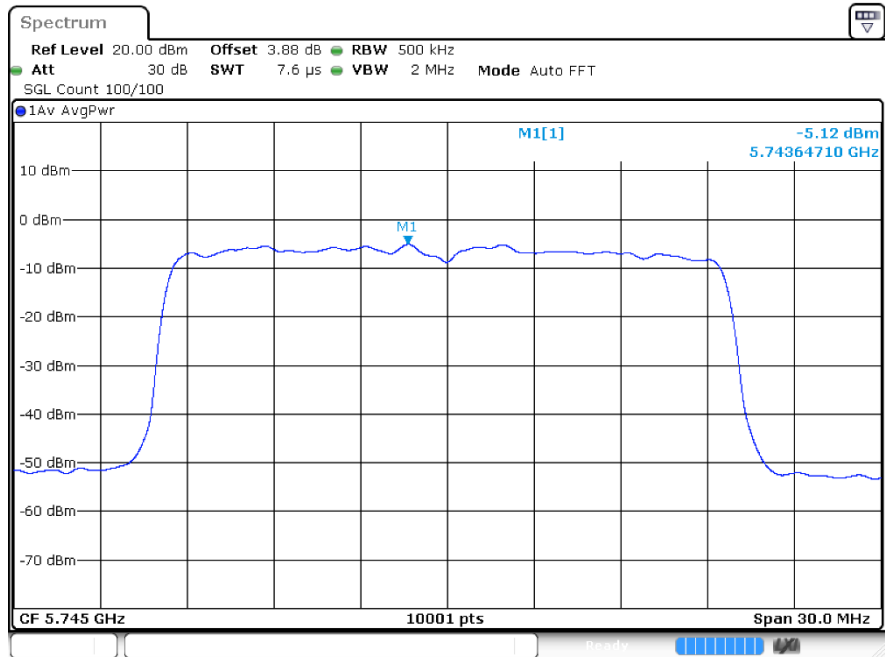
PSD ac40 5795MHz Ant1



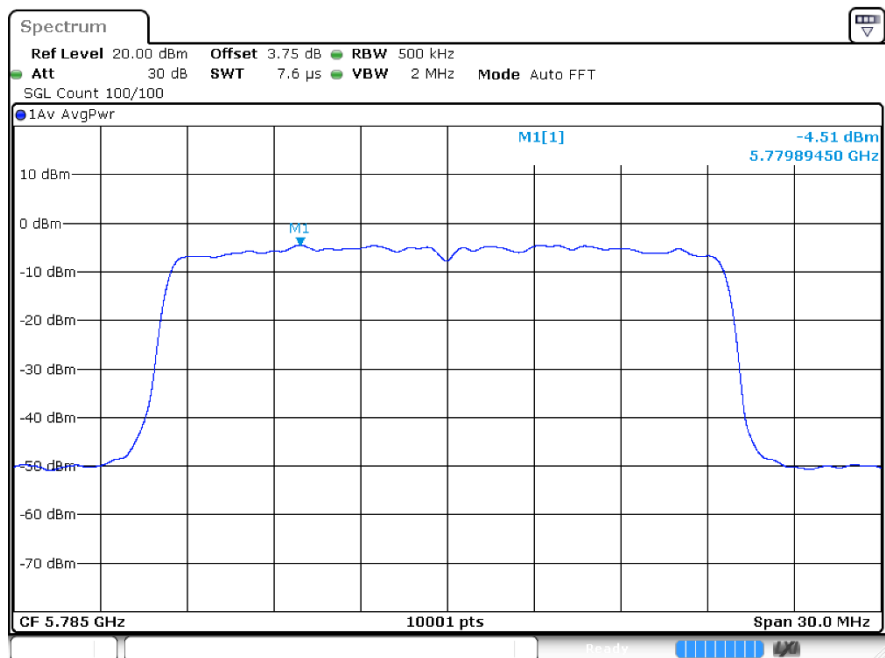
PSD ac80 5775MHz Ant1



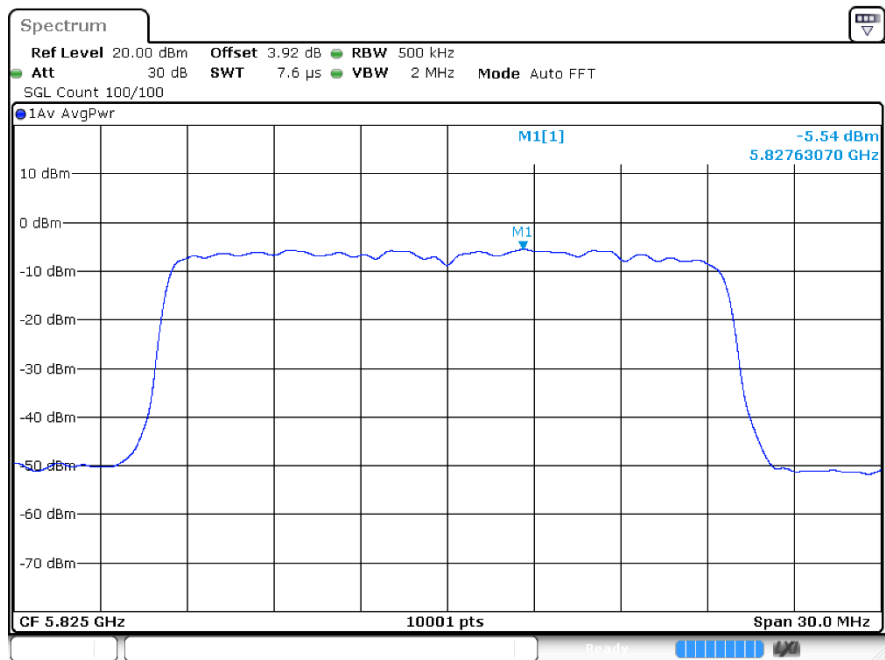
PSD ax20 5745MHz Ant1



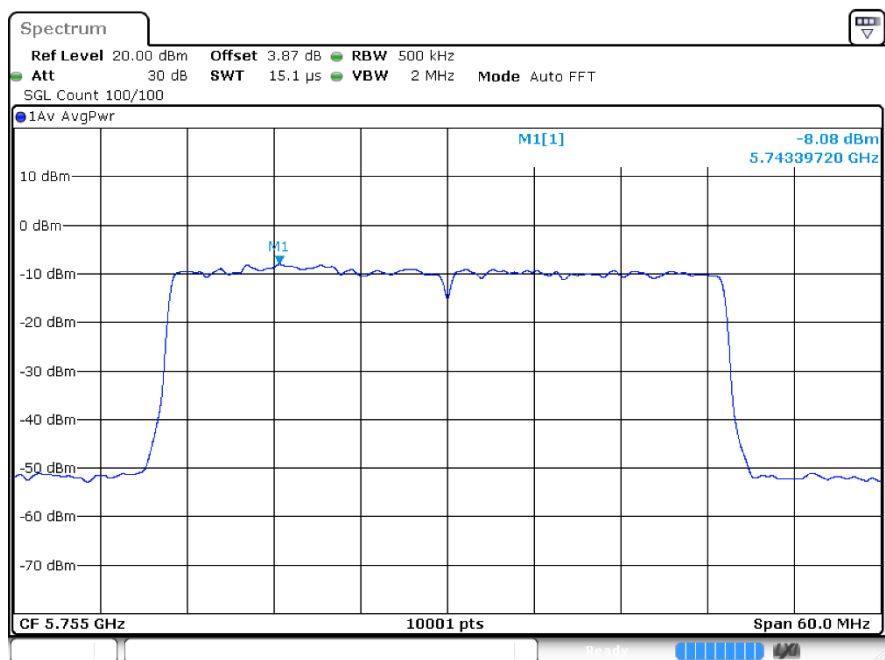
PSD ax20 5785MHz Ant1



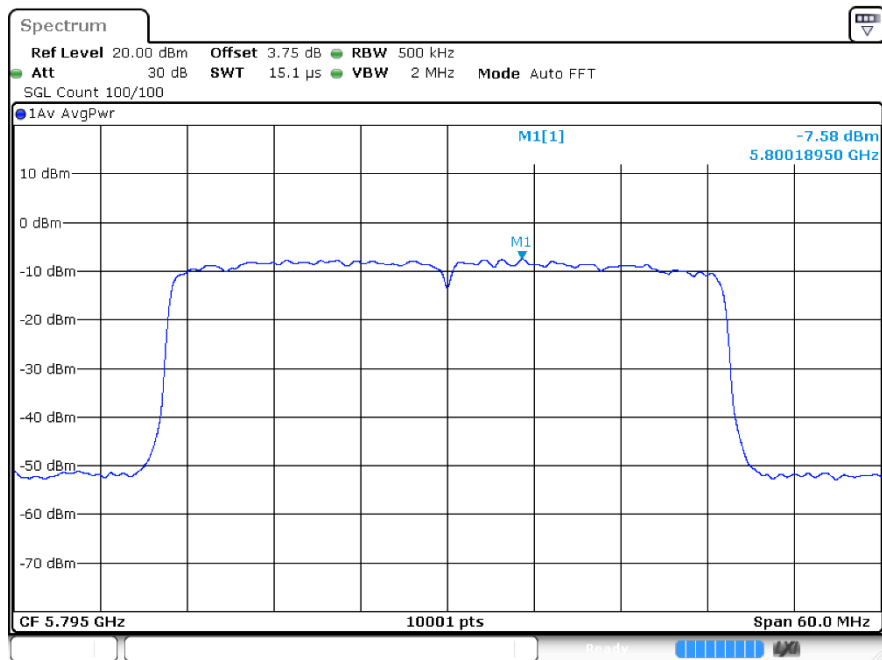
PSD ax20 5825MHz Ant1



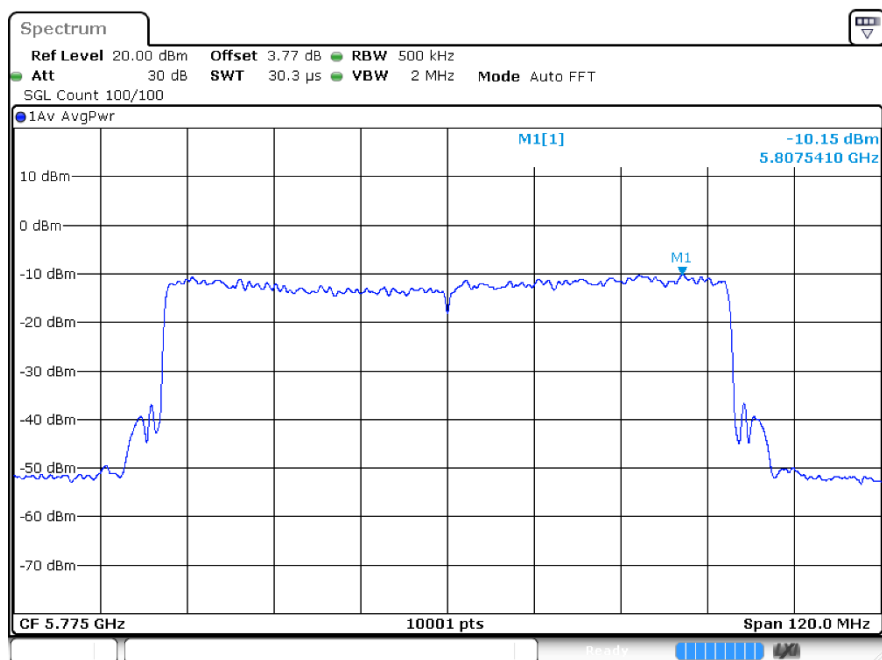
PSD ax40 5755MHz Ant1



PSD ax40 5795MHz Ant1



PSD ax80 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	5745	0	0	25	Pass
20C 120V	a	5745	Ant1	5745	0	0	25	Pass
20C 138V	a	5745	Ant1	5745	0	0	25	Pass
-20C 120V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-10C 120V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 120V	a	5745	Ant1	5745.02	20000	3.48	25	Pass
10C 120V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 120V	a	5745	Ant1	5745	0	0	25	Pass
40C 120V	a	5745	Ant1	5745	0	0	25	Pass
50C 120V	a	5745	Ant1	5745	0	0	25	Pass
20C 102V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 120V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 138V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
-20C 120V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
-10C 120V	a	5785	Ant1	5785	0	0	25	Pass
0C 120V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
10C 120V	a	5785	Ant1	5785	0	0	25	Pass
30C 120V	a	5785	Ant1	5785	0	0	25	Pass
40C 120V	a	5785	Ant1	5785	0	0	25	Pass
50C 120V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 102V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 120V	a	5825	Ant1	5825	0	0	25	Pass
20C 138V	a	5825	Ant1	5825	0	0	25	Pass
-20C 120V	a	5825	Ant1	5825	0	0	25	Pass
-10C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
0C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
10C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
30C 120V	a	5825	Ant1	5825	0	0	25	Pass



40C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
50C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 102V	n20	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 120V	n20	5745	Ant1	5745	0	0	25	Pass
20C 138V	n20	5745	Ant1	5745.02	20000	3.48	25	Pass
-20C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-10C 120V	n20	5745	Ant1	5745	0	0	25	Pass
0C 120V	n20	5745	Ant1	5745	0	0	25	Pass
10C 120V	n20	5745	Ant1	5745.02	20000	3.48	25	Pass
30C 120V	n20	5745	Ant1	5745.02	20000	3.48	25	Pass
40C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50C 120V	n20	5745	Ant1	5745	0	0	25	Pass
20C 102V	n20	5785	Ant1	5785	0	0	25	Pass
20C 120V	n20	5785	Ant1	5785	0	0	25	Pass
20C 138V	n20	5785	Ant1	5785.02	20000	3.46	25	Pass
-20C 120V	n20	5785	Ant1	5785	0	0	25	Pass
-10C 120V	n20	5785	Ant1	5785	0	0	25	Pass
0C 120V	n20	5785	Ant1	5785	0	0	25	Pass
10C 120V	n20	5785	Ant1	5785.02	20000	3.46	25	Pass
30C 120V	n20	5785	Ant1	5785	0	0	25	Pass
40C 120V	n20	5785	Ant1	5785	0	0	25	Pass
50C 120V	n20	5785	Ant1	5785.06	60000	10.37	25	Pass
20C 102V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 120V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 138V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
-20C 120V	n20	5825	Ant1	5825	0	0	25	Pass
-10C 120V	n20	5825	Ant1	5825	0	0	25	Pass
0C 120V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
10C 120V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
30C 120V	n20	5825	Ant1	5825	0	0	25	Pass
40C 120V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
50C 120V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 102V	n40	5755	Ant1	5755	0	0	25	Pass
20C 120V	n40	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 138V	n40	5755	Ant1	5755	0	0	25	Pass
-20C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass



-10C 120V	n40	5755	Ant1	5755.04	40000	6.95	25	Pass
0C 120V	n40	5755	Ant1	5755.04	40000	6.95	25	Pass
10C 120V	n40	5755	Ant1	5755	0	0	25	Pass
30C 120V	n40	5755	Ant1	5755	0	0	25	Pass
40C 120V	n40	5755	Ant1	5755	0	0	25	Pass
50C 120V	n40	5755	Ant1	5755	0	0	25	Pass
20C 102V	n40	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 120V	n40	5795	Ant1	5795	0	0	25	Pass
20C 138V	n40	5795	Ant1	5795	0	0	25	Pass
-20C 120V	n40	5795	Ant1	5795	0	0	25	Pass
-10C 120V	n40	5795	Ant1	5795	0	0	25	Pass
0C 120V	n40	5795	Ant1	5795	0	0	25	Pass
10C 120V	n40	5795	Ant1	5795.04	40000	6.9	25	Pass
30C 120V	n40	5795	Ant1	5795	0	0	25	Pass
40C 120V	n40	5795	Ant1	5795.04	40000	6.9	25	Pass
50C 120V	n40	5795	Ant1	5795	0	0	25	Pass
20C 102V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	ac20	5745	Ant1	5745	0	0	25	Pass
20C 138V	ac20	5745	Ant1	5744.98	-20000	-3.48	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	5745.02	20000	3.48	25	Pass
10C 120V	ac20	5745	Ant1	5745	0	0	25	Pass
30C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40C 120V	ac20	5745	Ant1	5745	0	0	25	Pass
50C 120V	ac20	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 102V	ac20	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 120V	ac20	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 138V	ac20	5785	Ant1	5785	0	0	25	Pass
-20C 120V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-10C 120V	ac20	5785	Ant1	5785.02	20000	3.46	25	Pass
0C 120V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
10C 120V	ac20	5785	Ant1	5785.02	20000	3.46	25	Pass
30C 120V	ac20	5785	Ant1	5785.02	20000	3.46	25	Pass
40C 120V	ac20	5785	Ant1	5785	0	0	25	Pass
50C 120V	ac20	5785	Ant1	5785.02	20000	3.46	25	Pass



20C 102V	ac20	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 120V	ac20	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 138V	ac20	5825	Ant1	5825	0	0	25	Pass
-20C 120V	ac20	5825	Ant1	5825.02	20000	3.43	25	Pass
-10C 120V	ac20	5825	Ant1	5825.02	20000	3.43	25	Pass
0C 120V	ac20	5825	Ant1	5825	0	0	25	Pass
10C 120V	ac20	5825	Ant1	5825	0	0	25	Pass
30C 120V	ac20	5825	Ant1	5825.02	20000	3.43	25	Pass
40C 120V	ac20	5825	Ant1	5825.04	40000	6.87	25	Pass
50C 120V	ac20	5825	Ant1	5825	0	0	25	Pass
20C 102V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
20C 138V	ac40	5755	Ant1	5755	0	0	25	Pass
-20C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-10C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
0C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
10C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
30C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
40C 120V	ac40	5755	Ant1	5755.04	40000	6.95	25	Pass
50C 120V	ac40	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 102V	ac40	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
20C 138V	ac40	5795	Ant1	5795.04	40000	6.9	25	Pass
-20C 120V	ac40	5795	Ant1	5795.04	40000	6.9	25	Pass
-10C 120V	ac40	5795	Ant1	5795.04	40000	6.9	25	Pass
0C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
10C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
30C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
40C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
50C 120V	ac40	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 102V	ac80	5775	Ant1	5775	0	0	25	Pass
20C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
20C 138V	ac80	5775	Ant1	5775	0	0	25	Pass
-20C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
-10C 120V	ac80	5775	Ant1	5775	0	0	25	Pass



0C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
10C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
30C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
40C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
50C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
20C 102V	ax20	5745	Ant1	5745	0	0	25	Pass
20C 120V	ax20	5745	Ant1	5745	0	0	25	Pass
20C 138V	ax20	5745	Ant1	5745	0	0	25	Pass
-20C 120V	ax20	5745	Ant1	5745	0	0	25	Pass
-10C 120V	ax20	5745	Ant1	5745	0	0	25	Pass
0C 120V	ax20	5745	Ant1	5745.02	20000	3.48	25	Pass
10C 120V	ax20	5745	Ant1	5745	0	0	25	Pass
30C 120V	ax20	5745	Ant1	5745	0	0	25	Pass
40C 120V	ax20	5745	Ant1	5745	0	0	25	Pass
50C 120V	ax20	5745	Ant1	5745	0	0	25	Pass
20C 102V	ax20	5785	Ant1	5785	0	0	25	Pass
20C 120V	ax20	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 138V	ax20	5785	Ant1	5785.02	20000	3.46	25	Pass
-20C 120V	ax20	5785	Ant1	5785	0	0	25	Pass
-10C 120V	ax20	5785	Ant1	5785.02	20000	3.46	25	Pass
0C 120V	ax20	5785	Ant1	5785	0	0	25	Pass
10C 120V	ax20	5785	Ant1	5785	0	0	25	Pass
30C 120V	ax20	5785	Ant1	5785	0	0	25	Pass
40C 120V	ax20	5785	Ant1	5785	0	0	25	Pass
50C 120V	ax20	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 102V	ax20	5825	Ant1	5825	0	0	25	Pass
20C 120V	ax20	5825	Ant1	5825	0	0	25	Pass
20C 138V	ax20	5825	Ant1	5825.02	20000	3.43	25	Pass
-20C 120V	ax20	5825	Ant1	5825.02	20000	3.43	25	Pass
-10C 120V	ax20	5825	Ant1	5825.02	20000	3.43	25	Pass
0C 120V	ax20	5825	Ant1	5825	0	0	25	Pass
10C 120V	ax20	5825	Ant1	5825	0	0	25	Pass
30C 120V	ax20	5825	Ant1	5825	0	0	25	Pass
40C 120V	ax20	5825	Ant1	5825	0	0	25	Pass
50C 120V	ax20	5825	Ant1	5825	0	0	25	Pass
20C 102V	ax40	5755	Ant1	5755	0	0	25	Pass
20C 120V	ax40	5755	Ant1	5755	0	0	25	Pass



20C 138V	ax40	5755	Ant1	5755	0	0	25	Pass
-20C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
-10C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
0C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
10C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
30C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
40C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
50C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
20C 102V	ax40	5795	Ant1	5795	0	0	25	Pass
20C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
20C 138V	ax40	5795	Ant1	5795	0	0	25	Pass
-20C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
-10C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
0C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
10C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
30C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
40C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
50C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
20C 102V	ax80	5775	Ant1	5775.08	80000	13.85	25	Pass
20C 120V	ax80	5775	Ant1	5775	0	0	25	Pass
20C 138V	ax80	5775	Ant1	5775	0	0	25	Pass
-20C 120V	ax80	5775	Ant1	5775.08	80000	13.85	25	Pass
-10C 120V	ax80	5775	Ant1	5775.08	80000	13.85	25	Pass
0C 120V	ax80	5775	Ant1	5775	0	0	25	Pass
10C 120V	ax80	5775	Ant1	5775.08	80000	13.85	25	Pass
30C 120V	ax80	5775	Ant1	5775	0	0	25	Pass
40C 120V	ax80	5775	Ant1	5775	0	0	25	Pass
50C 120V	ax80	5775	Ant1	5775.08	80000	13.85	25	Pass

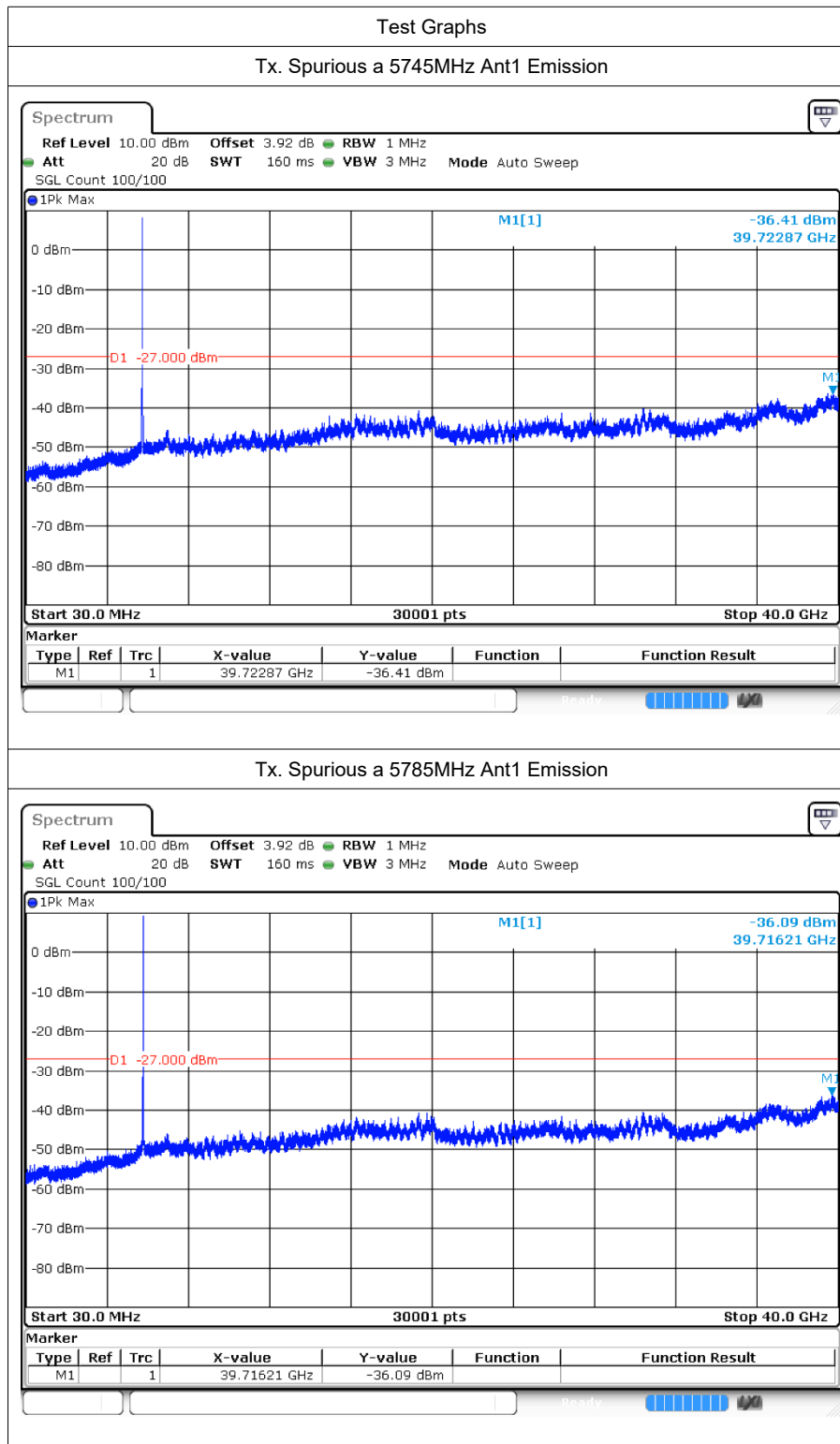


7 Conducted RF Spurious Emission

7.1 Test Result

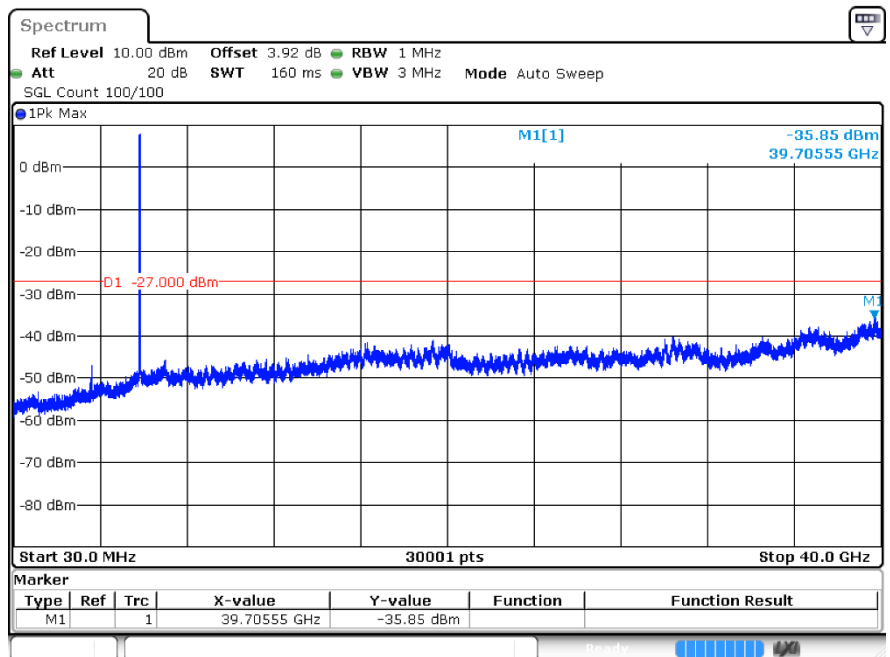
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
a	5745	Ant1	-36.41	-27	Pass
a	5785	Ant1	-36.08	-27	Pass
a	5825	Ant1	-35.85	-27	Pass
n20	5745	Ant1	-35.82	-27	Pass
n20	5785	Ant1	-36.44	-27	Pass
n20	5825	Ant1	-36.31	-27	Pass
n40	5755	Ant1	-36.45	-27	Pass
n40	5795	Ant1	-36.28	-27	Pass
ac20	5745	Ant1	-36.09	-27	Pass
ac20	5785	Ant1	-35.96	-27	Pass
ac20	5825	Ant1	-36.1	-27	Pass
ac40	5755	Ant1	-35.69	-27	Pass
ac40	5795	Ant1	-35.91	-27	Pass
ac80	5775	Ant1	-35.84	-27	Pass
ax20	5745	Ant1	-36.06	-27	Pass
ax20	5785	Ant1	-35.29	-27	Pass
ax20	5825	Ant1	-36.11	-27	Pass
ax40	5755	Ant1	-36.34	-27	Pass
ax40	5795	Ant1	-35.63	-27	Pass
ax80	5775	Ant1	-36.09	-27	Pass

7.2 Test Graphs

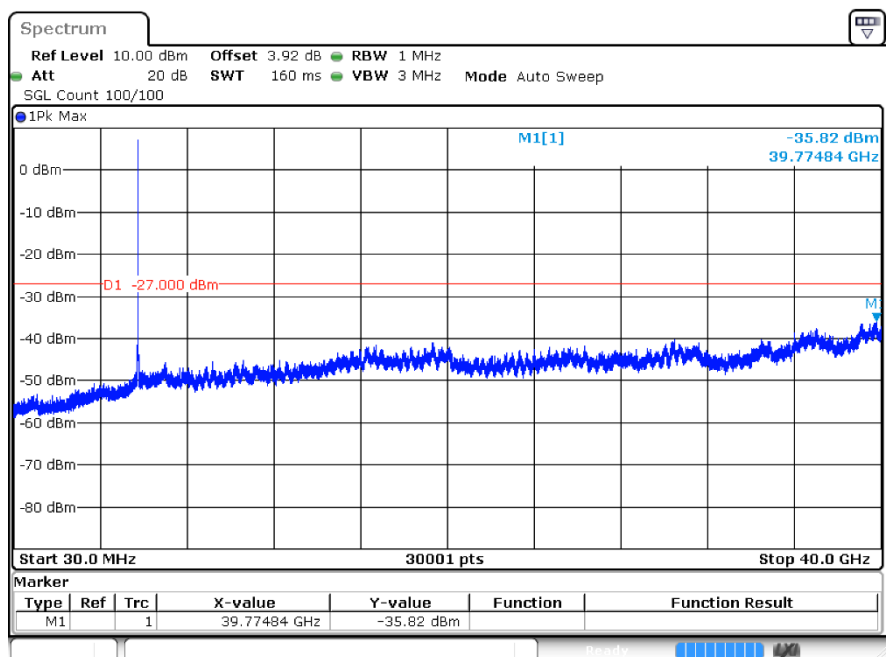




Tx. Spurious a 5825MHz Ant1 Emission

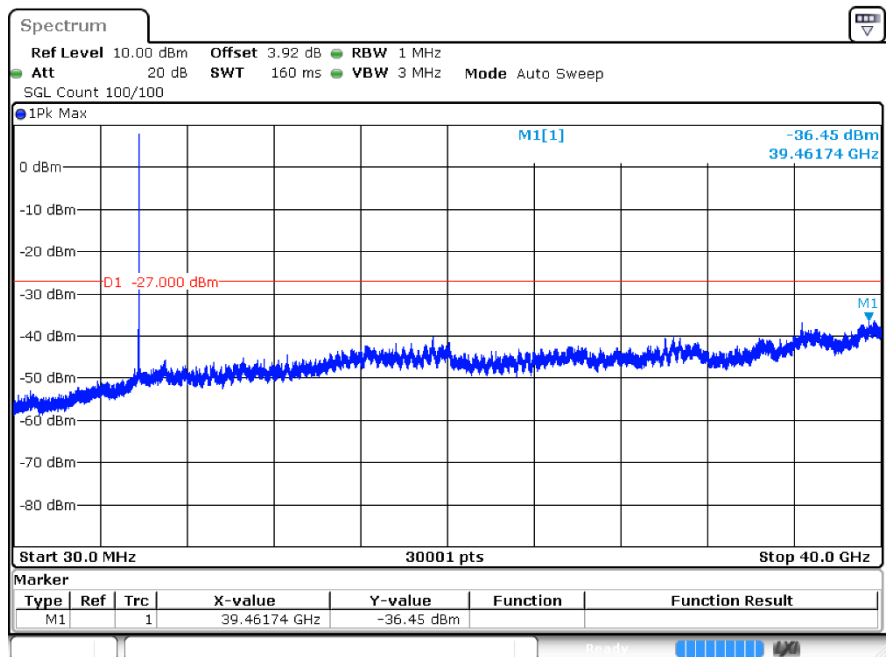


Tx. Spurious n20 5745MHz Ant1 Emission

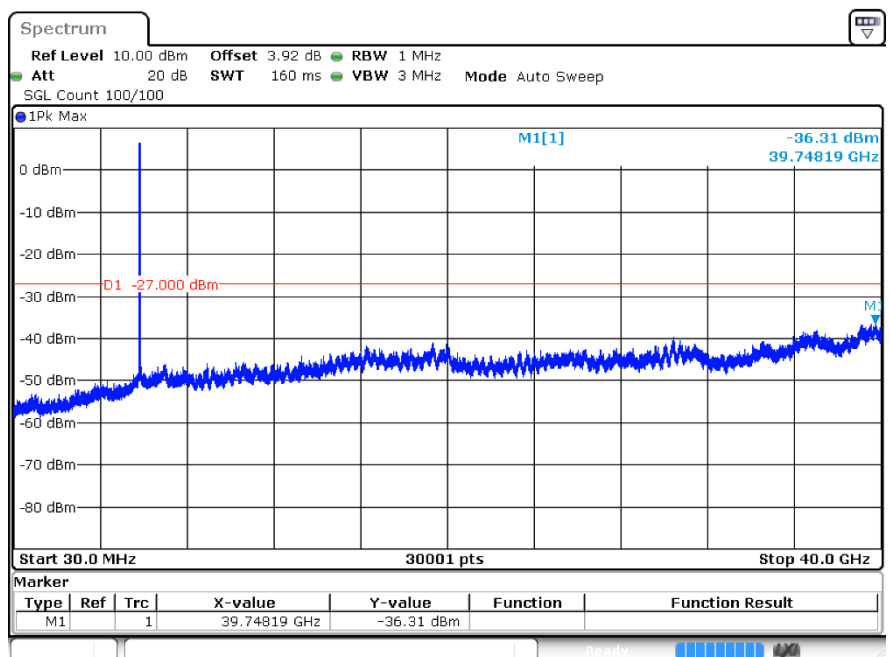




Tx. Spurious n20 5785MHz Ant1 Emission

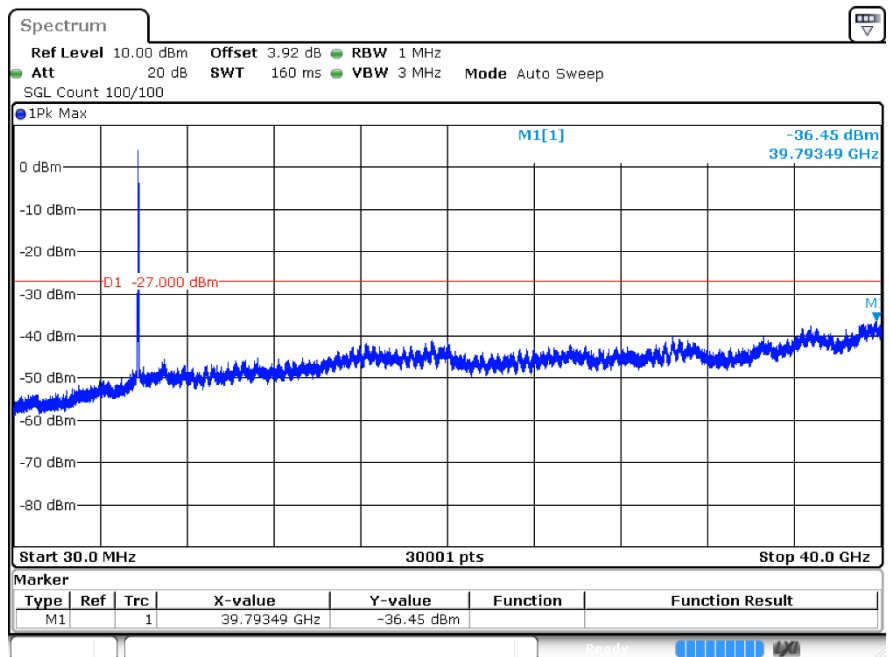


Tx. Spurious n20 5825MHz Ant1 Emission

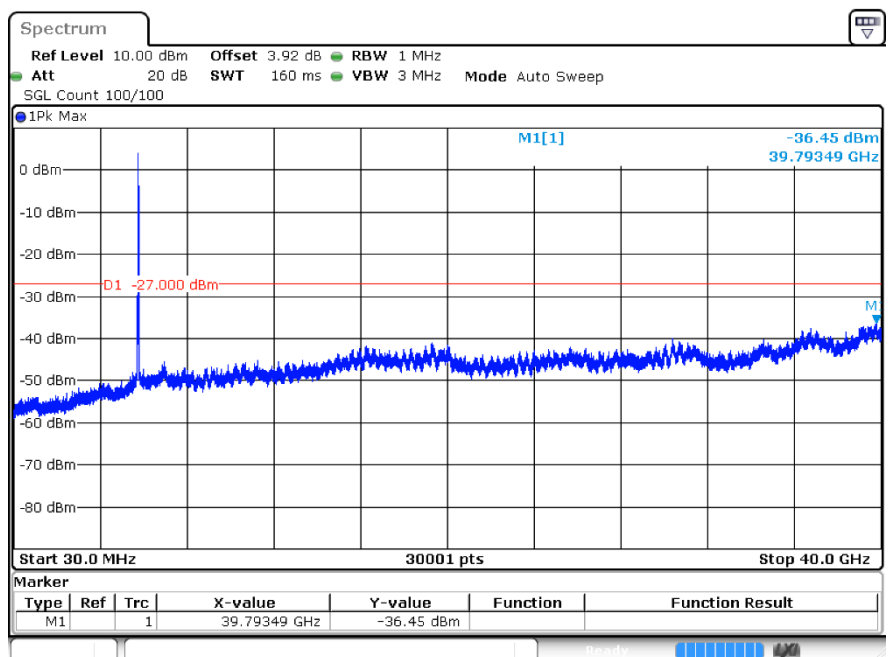




Tx. Spurious n40 5755MHz Ant1 Emission

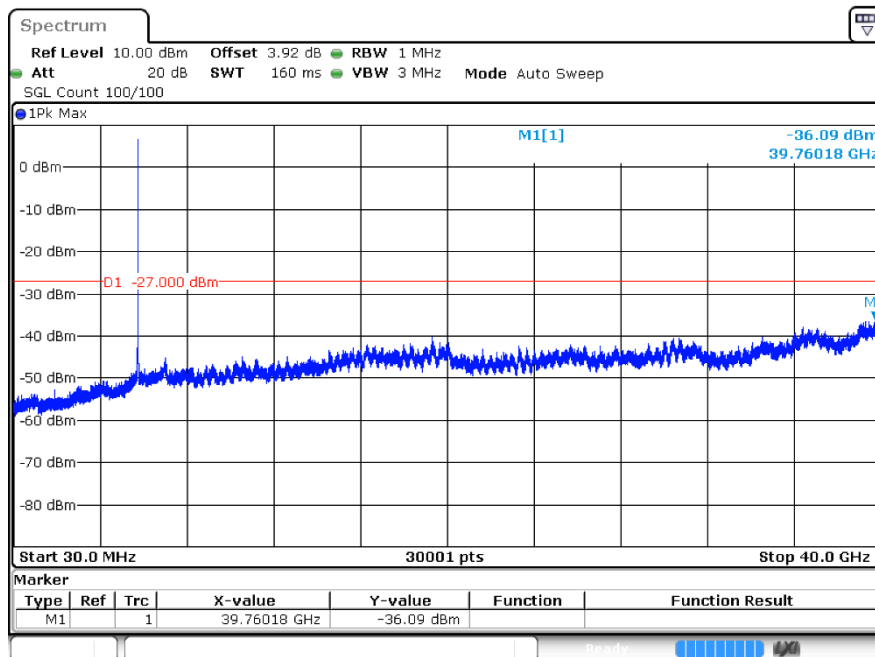


Tx. Spurious n40 5795MHz Ant1 Emission

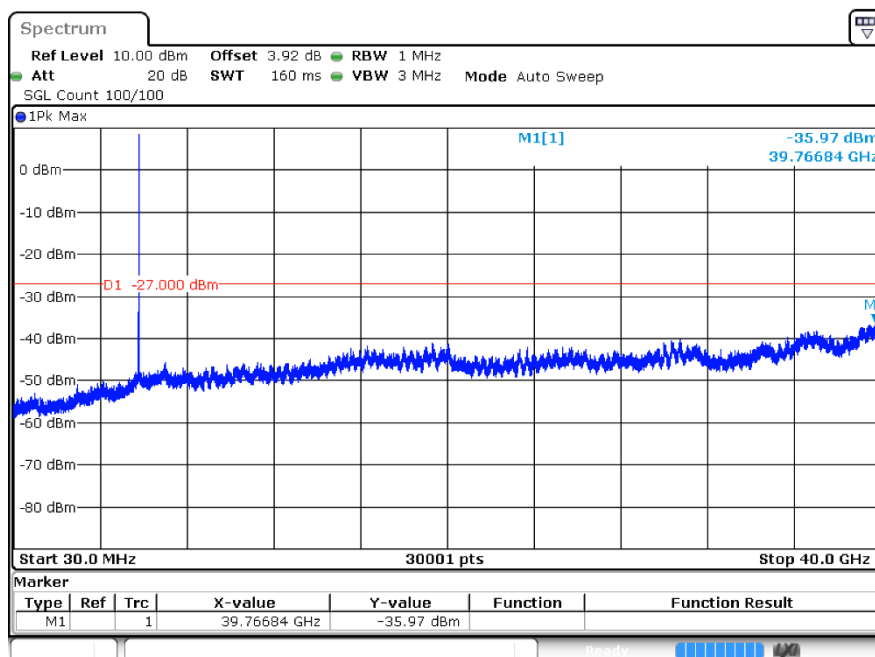




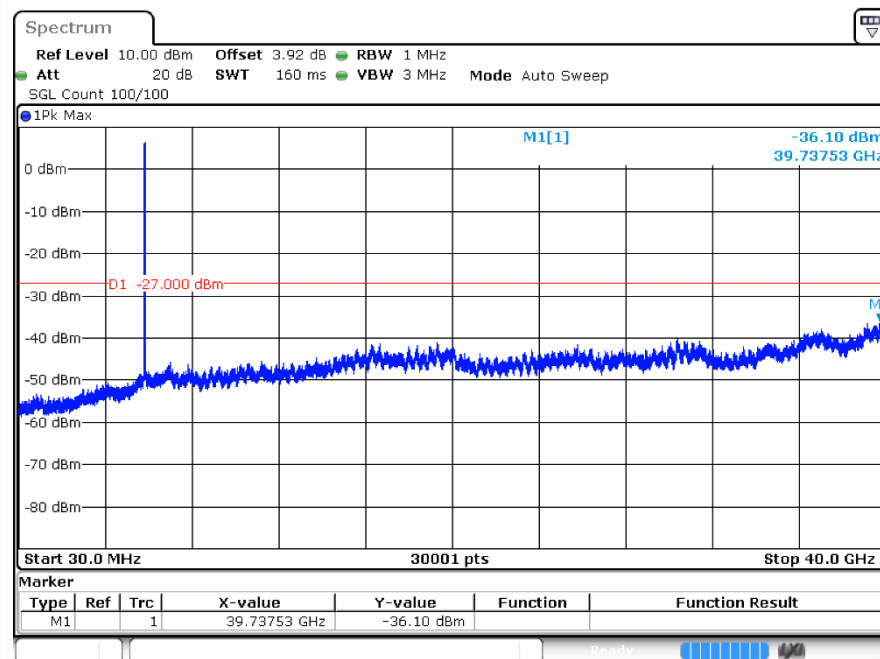
Tx. Spurious ac20 5745MHz Ant1 Emission



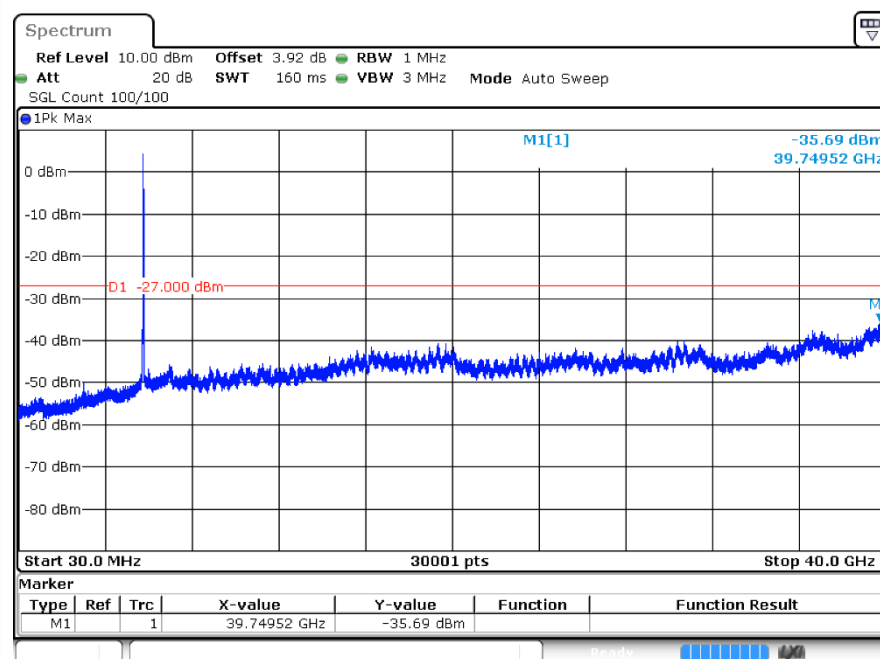
Tx. Spurious ac20 5785MHz Ant1 Emission



Tx. Spurious ac20 5825MHz Ant1 Emission

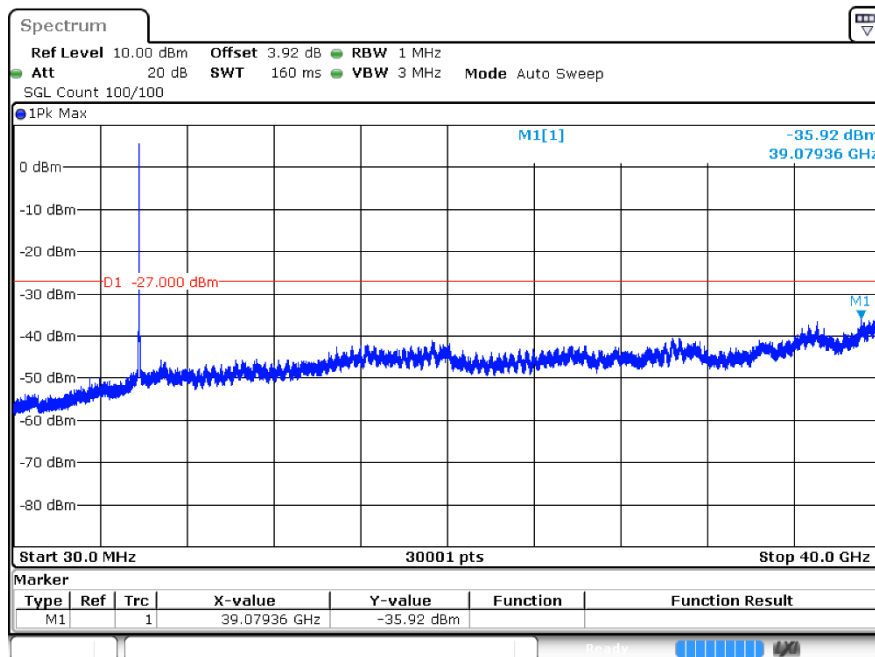


Tx. Spurious ac40 5755MHz Ant1 Emission

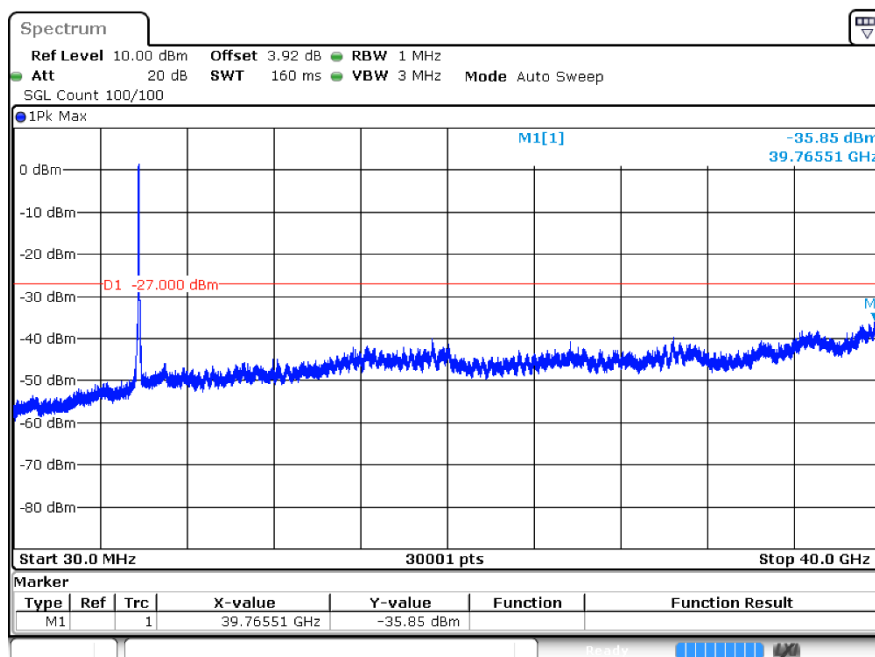




Tx. Spurious ac40 5795MHz Ant1 Emission

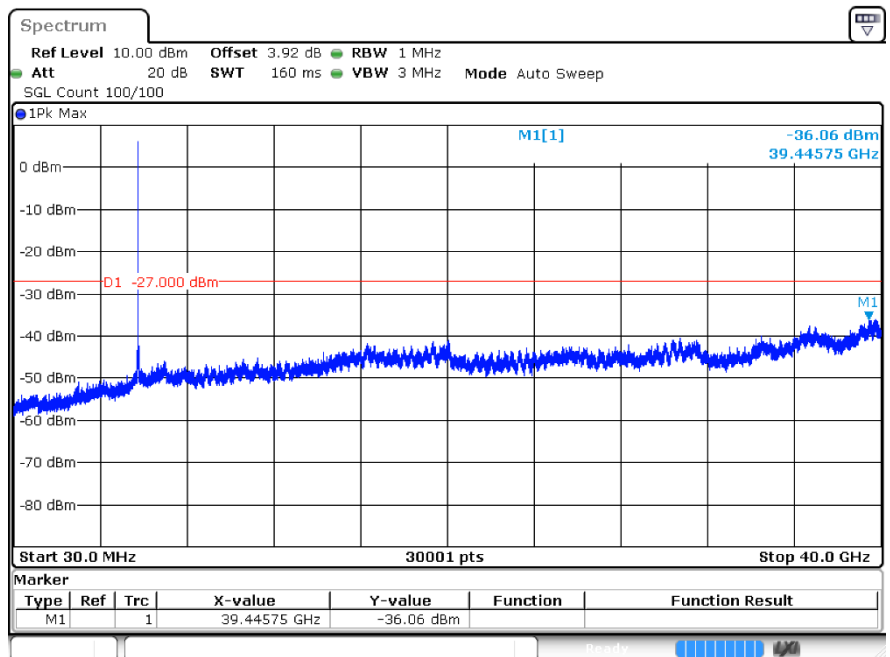


Tx. Spurious ac80 5775MHz Ant1 Emission

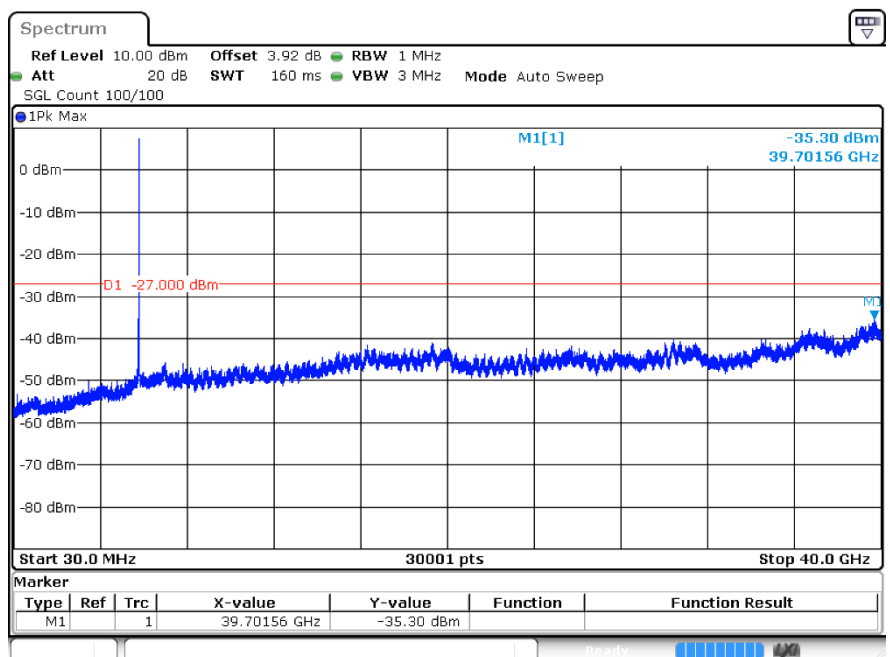




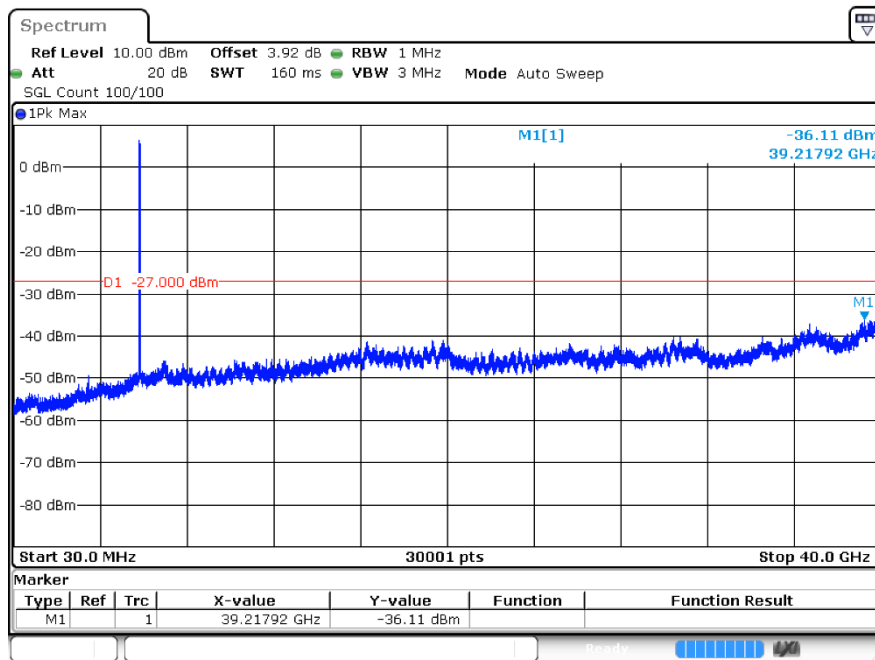
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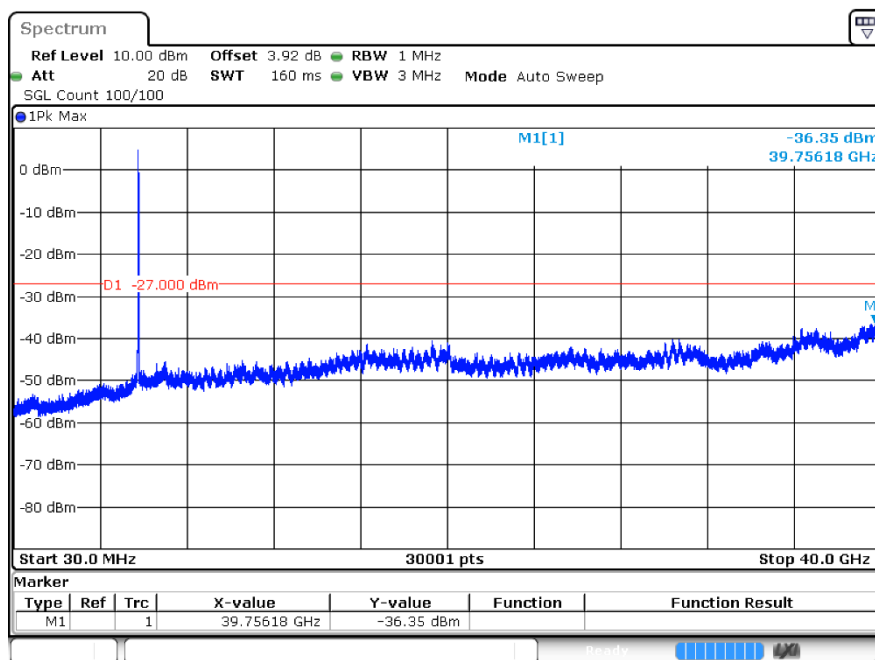
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Tx. Spurious ax20 5825MHz Ant1 Emission

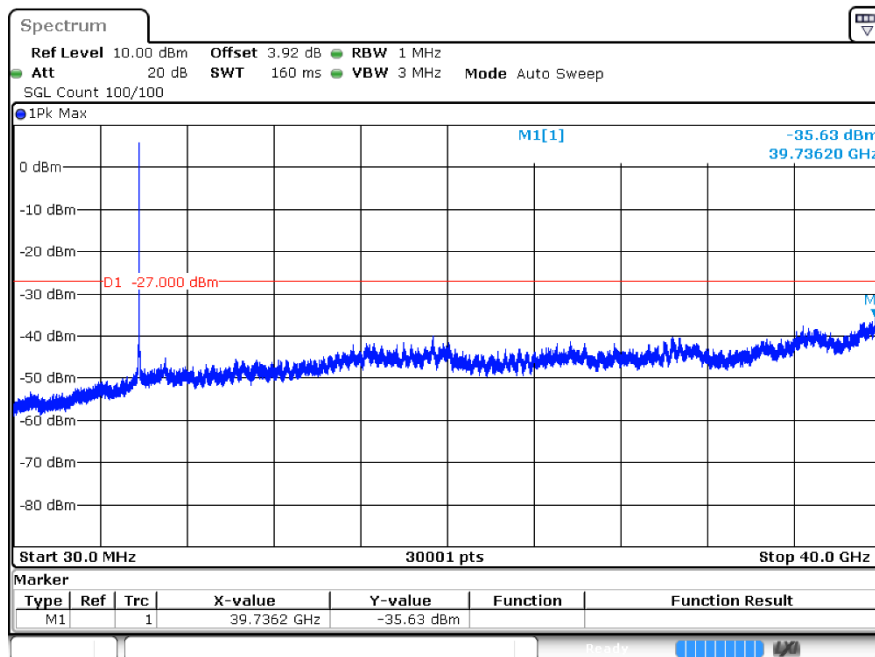


Tx. Spurious ax40 5755MHz Ant1 Emission

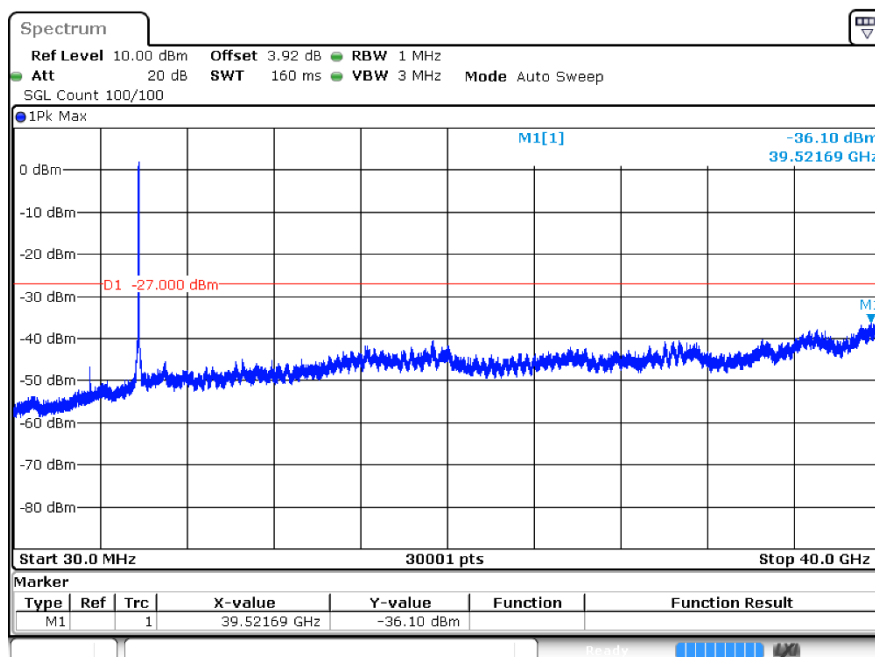




Tx. Spurious ax40 5795MHz Ant1 Emission



Tx. Spurious ax80 5775MHz Ant1 Emission



---The End---