



Appendix B

RF Test Data for B1WIFI(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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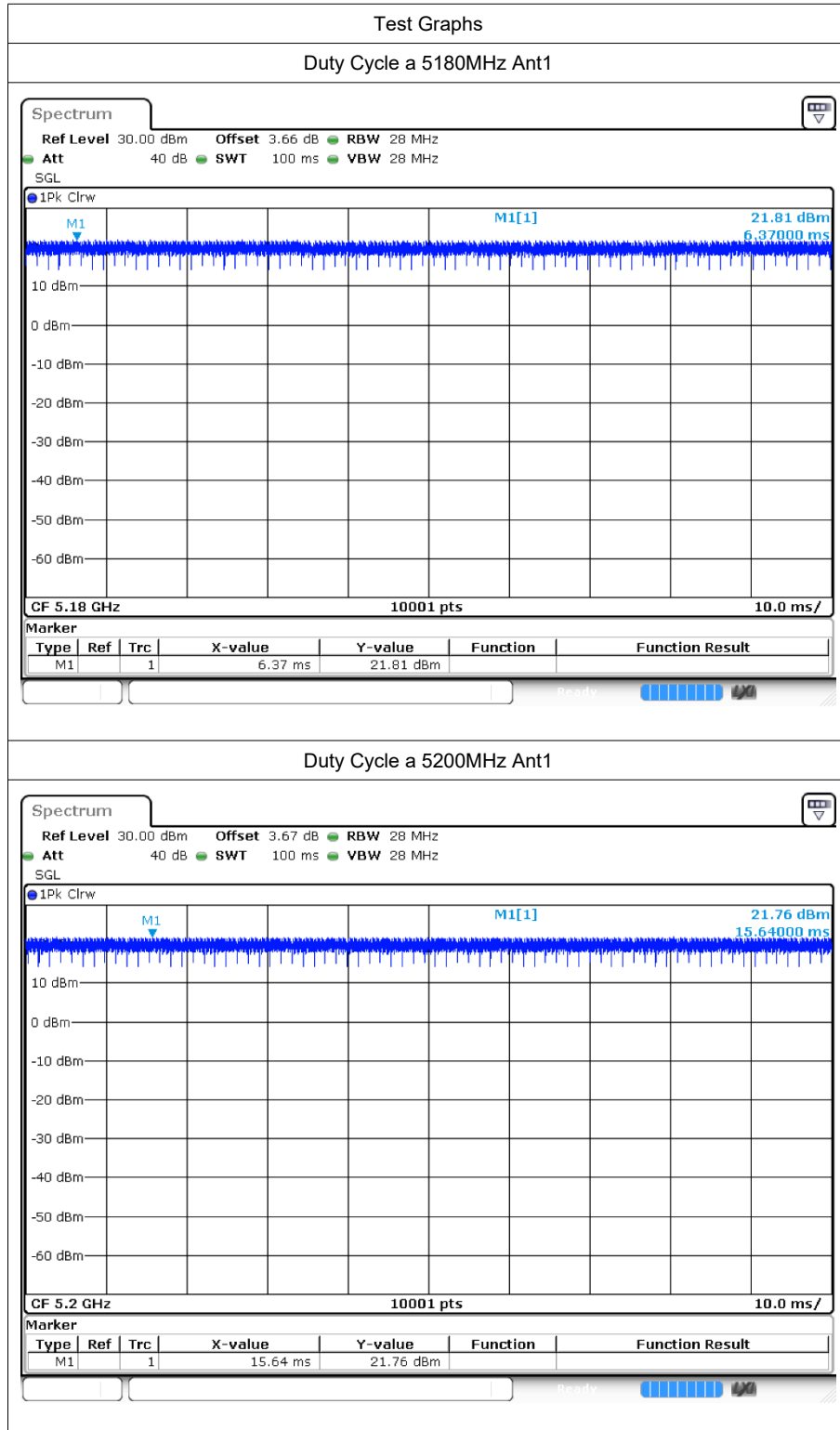
1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5180	Ant1	100	0	0
a	5200	Ant1	100	0	0
a	5240	Ant1	100	0	0
n20	5180	Ant1	100	0	0
n20	5200	Ant1	100	0	0
n20	5240	Ant1	100	0	0
n40	5190	Ant1	100	0	0
n40	5230	Ant1	100	0	0
ac20	5180	Ant1	100	0	0
ac20	5200	Ant1	100	0	0
ac20	5240	Ant1	100	0	0
ac40	5190	Ant1	100	0	0
ac40	5230	Ant1	100	0	0
ac80	5210	Ant1	100	0	0
ax20	5180	Ant1	100	0	0
ax20	5200	Ant1	100	0	0
ax20	5240	Ant1	100	0	0
ax40	5190	Ant1	100	0	0
ax40	5230	Ant1	100	0	0
ax80	5210	Ant1	100	0	0

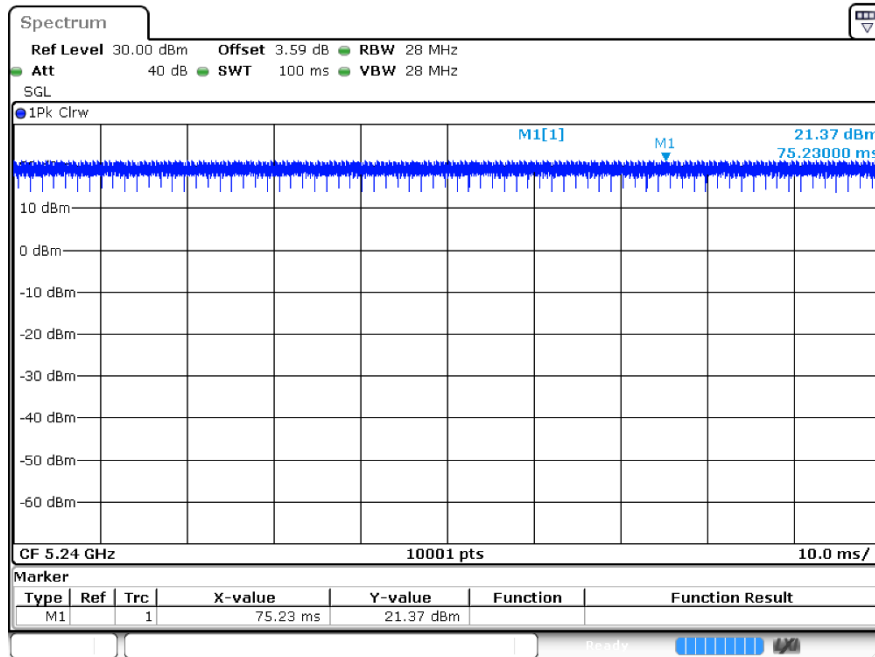


1.2 Test Graphs

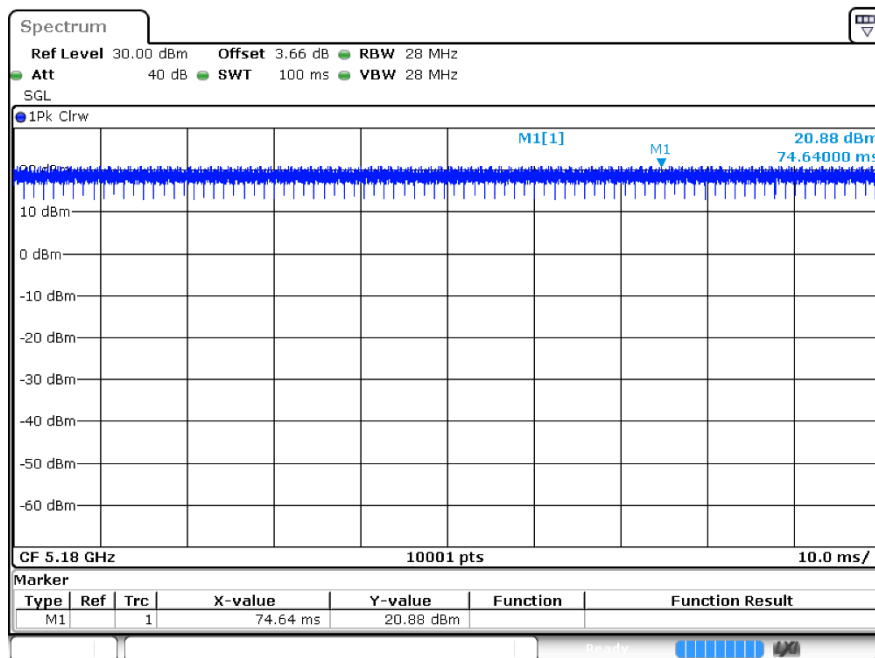




Duty Cycle a 5240MHz Ant1

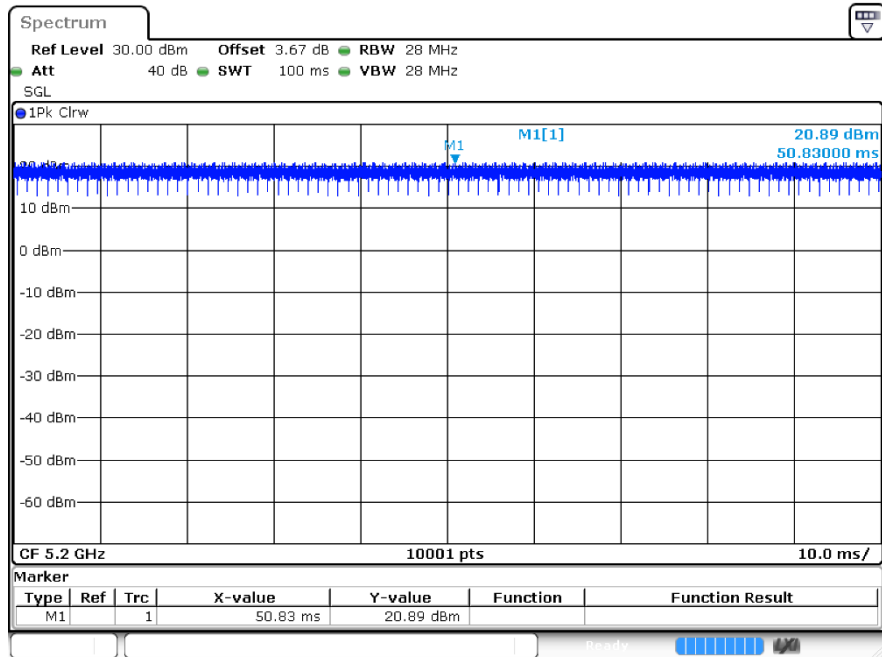


Duty Cycle n20 5180MHz Ant1

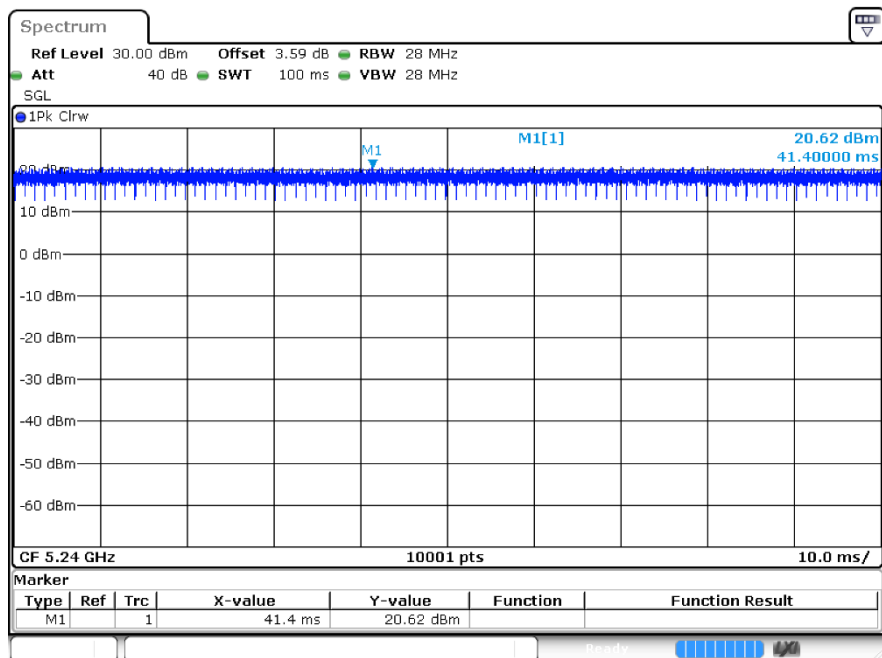




Duty Cycle a n20 5200MHz Ant1

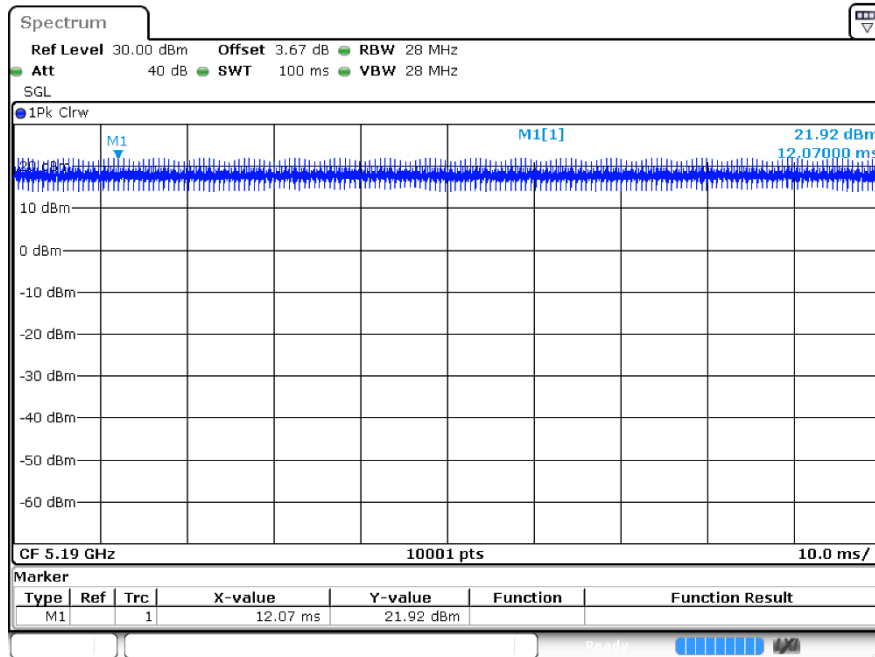


Duty Cycle n20 5240MHz Ant1

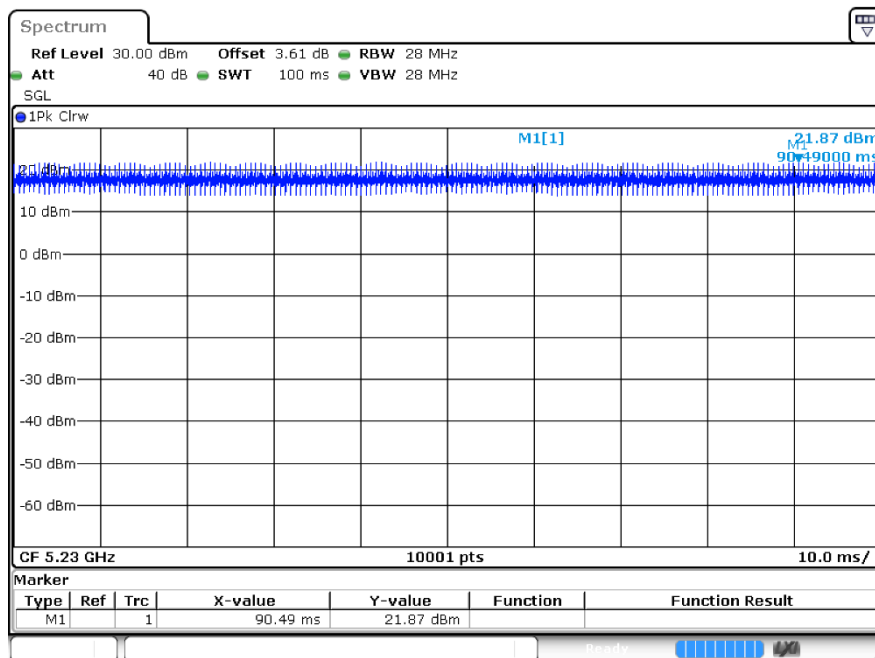




Duty Cycle n40 5190MHz Ant1

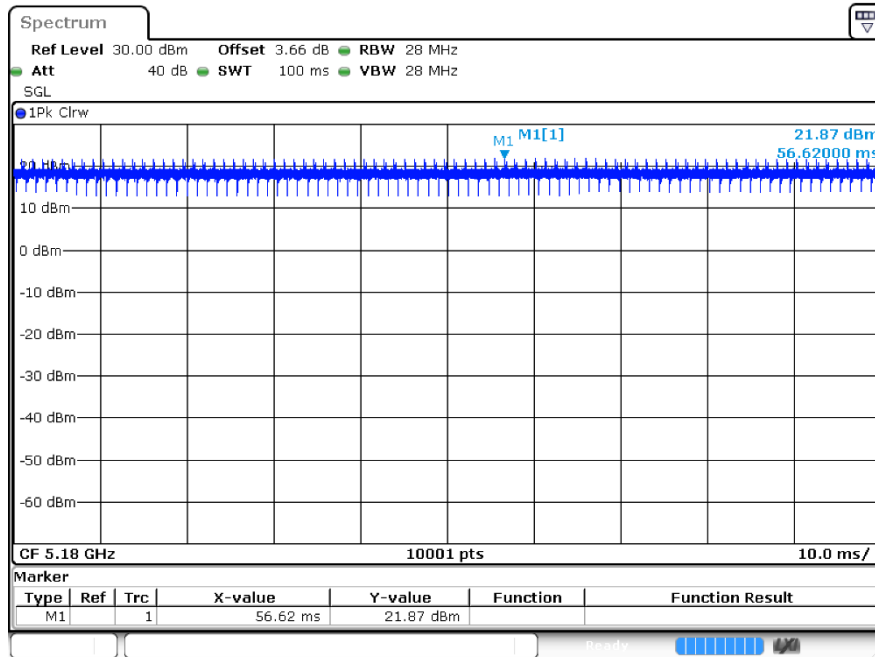


Duty Cycle n40 5230MHz Ant1

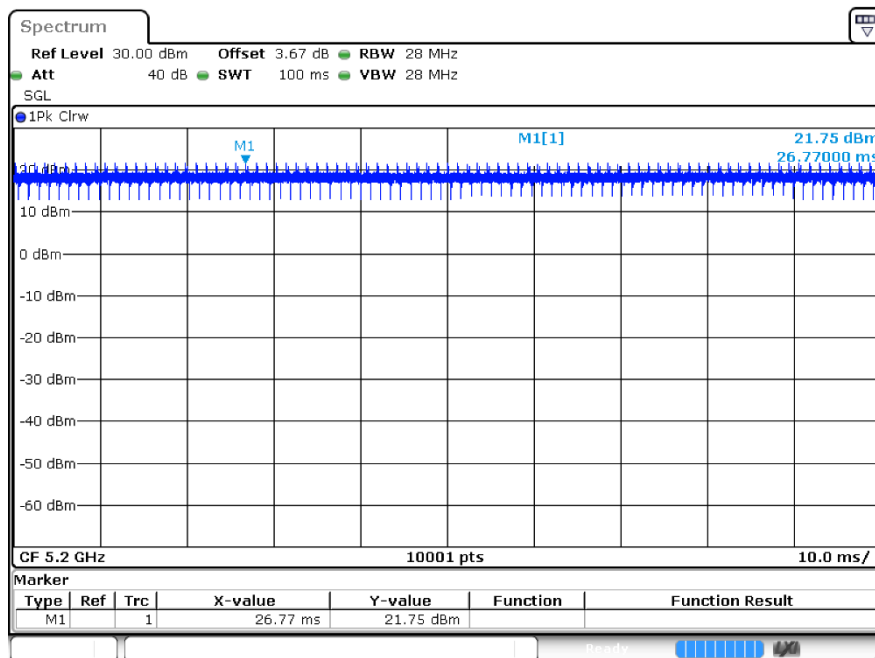




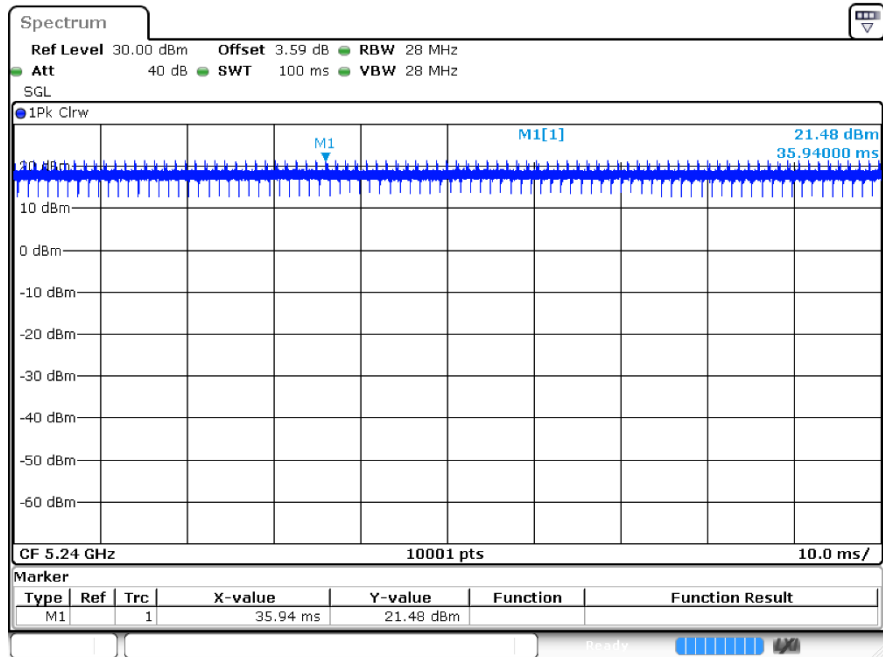
Duty Cycle ac20 5180MHz Ant1



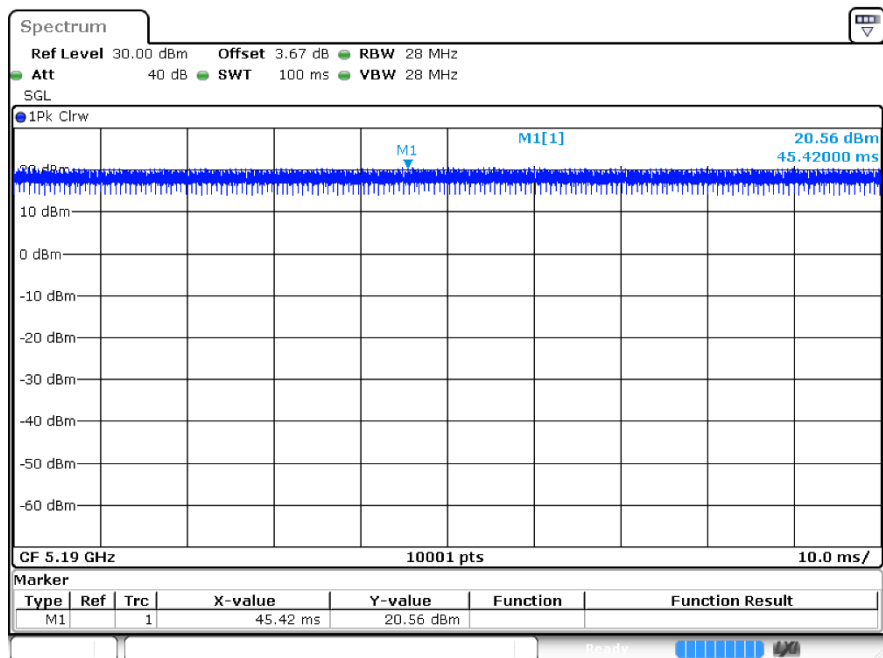
Duty Cycle ac20 5200MHz Ant1



Duty Cycle ac20 5240MHz Ant1

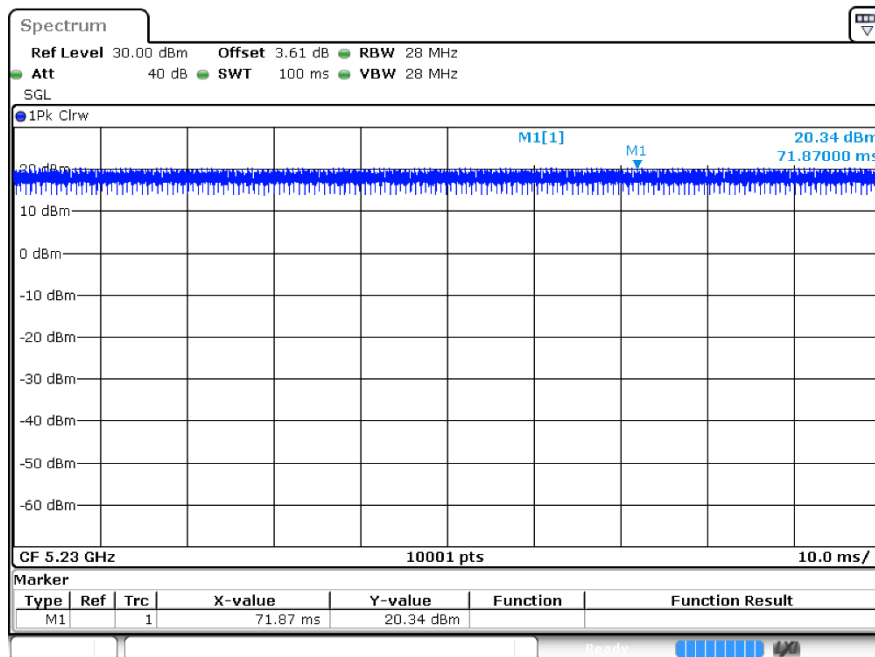


Duty Cycle ac40 5190MHz Ant1

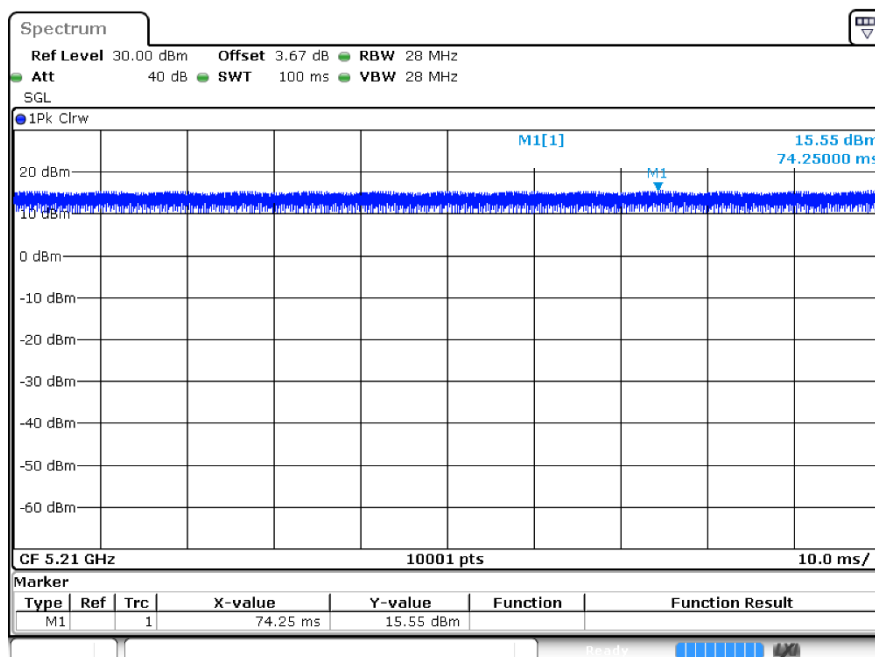




Duty Cycle ac40 5230MHz Ant1

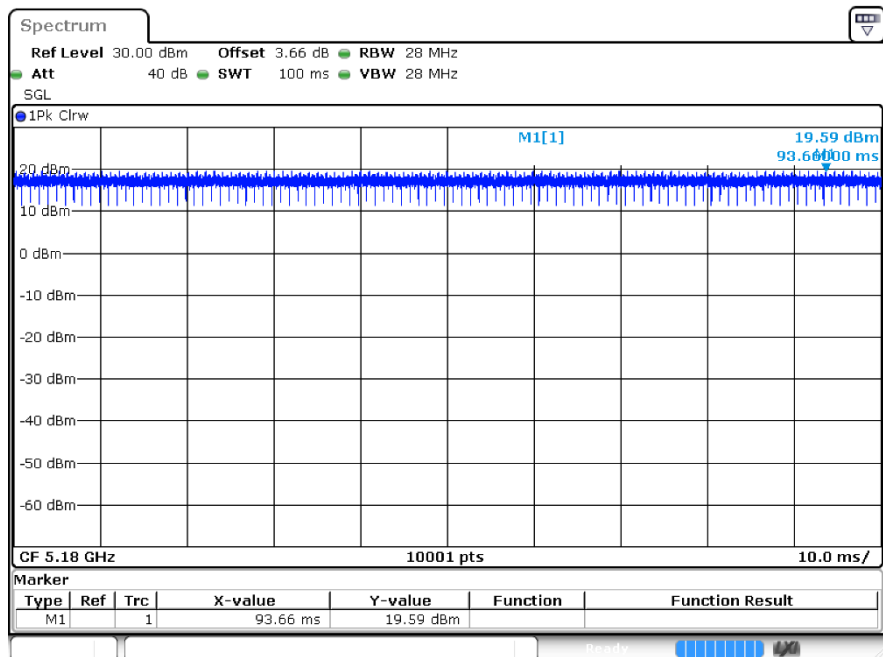


Duty Cycle ac80 5210MHz Ant1

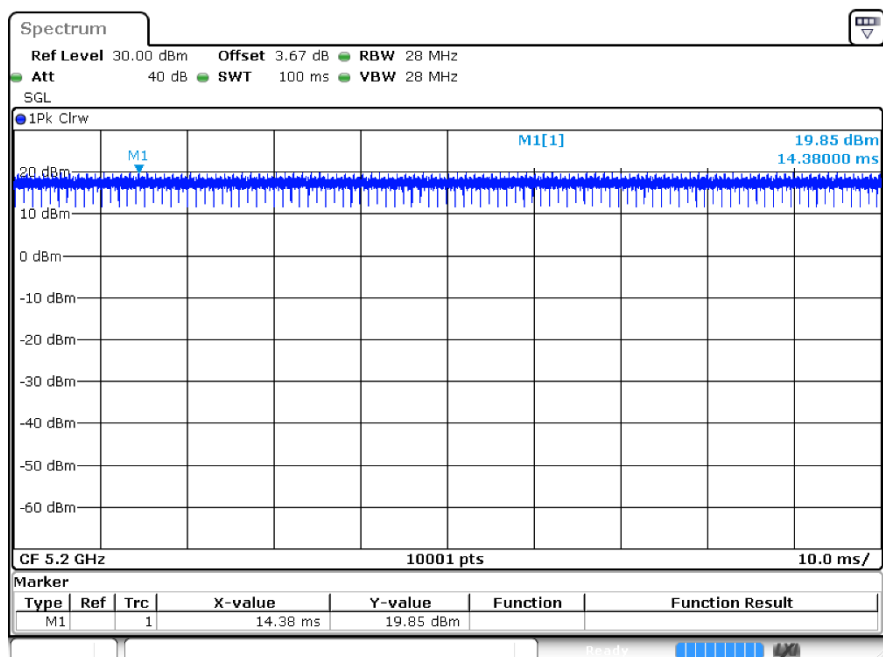




Duty Cycle ax20 5180MHz Ant1

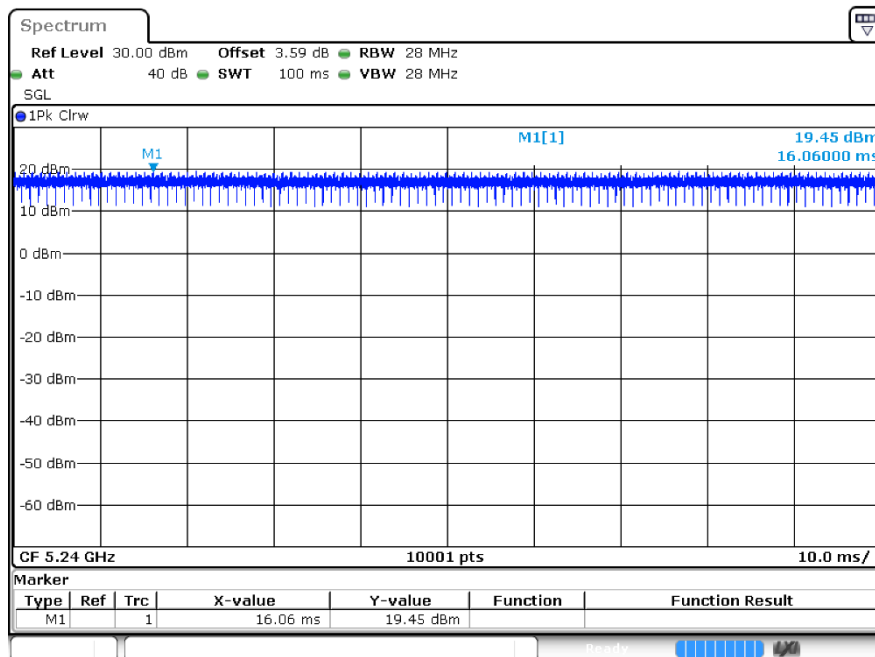


Duty Cycle ax20 5200MHz Ant1

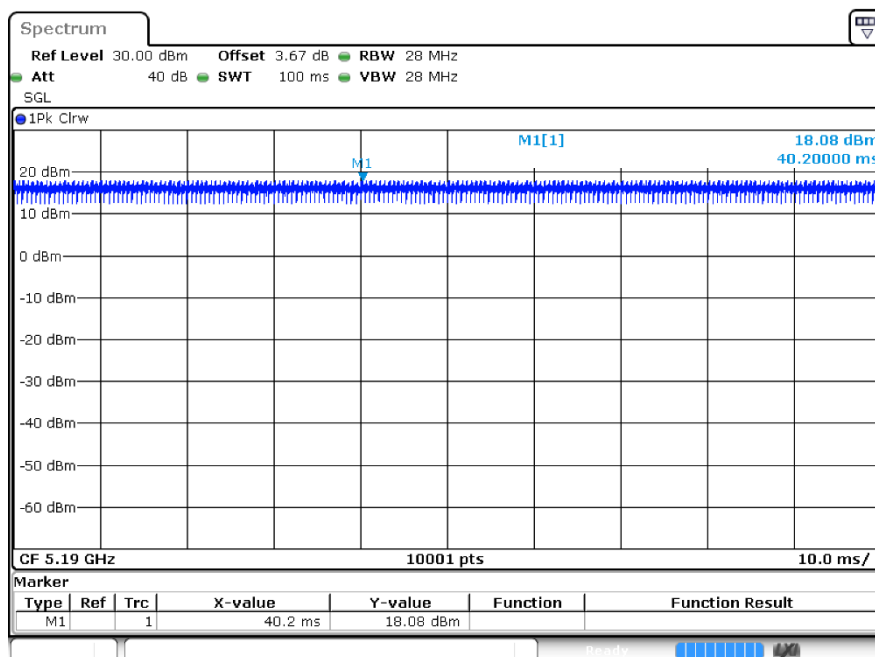




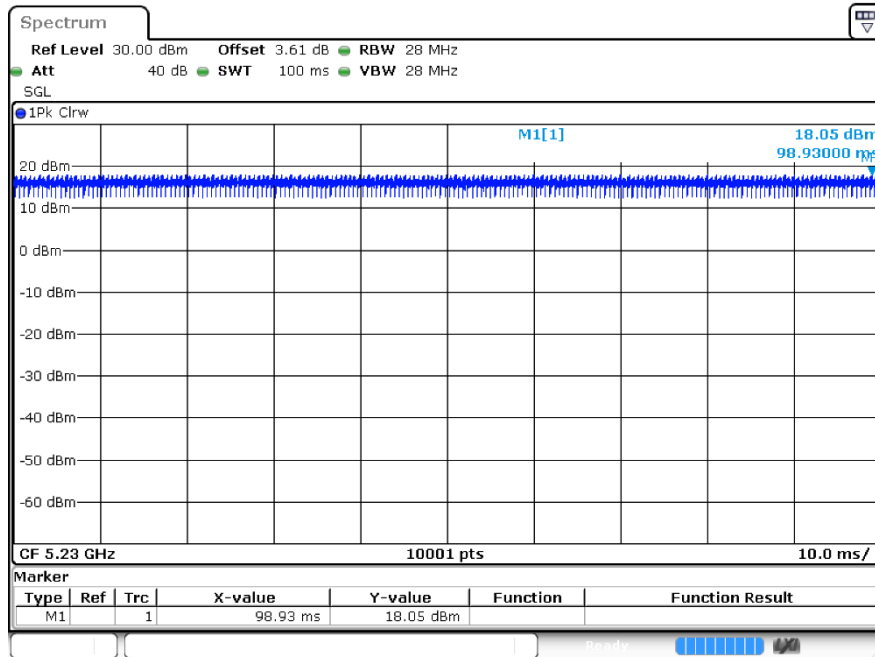
Duty Cycle ax20 5240MHz Ant1



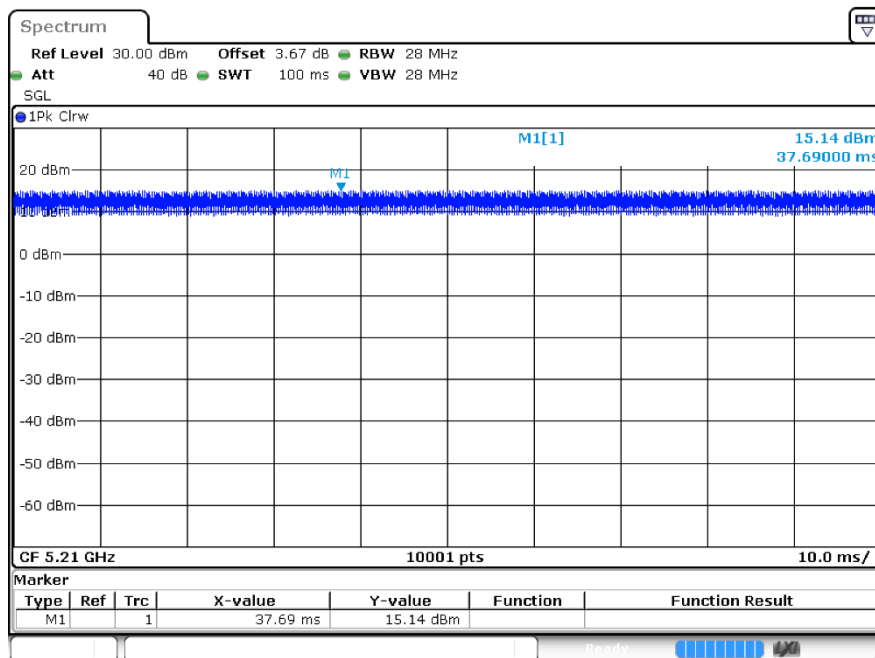
Duty Cycle ax40 5190MHz Ant1



Duty Cycle ax40 5230MHz Ant1



Duty Cycle ax80 5210MHz Ant1



2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	15.43	24	Pass
a	5200	Ant1	15.31	24	Pass
a	5240	Ant1	15.01	24	Pass
n20	5180	Ant1	14.36	24	Pass
n20	5200	Ant1	14.33	24	Pass
n20	5240	Ant1	14.03	24	Pass
n40	5190	Ant1	14.16	24	Pass
n40	5230	Ant1	13.97	24	Pass
ac20	5180	Ant1	14.33	24	Pass
ac20	5200	Ant1	14.3	24	Pass
ac20	5240	Ant1	14.06	24	Pass
ac40	5190	Ant1	14.19	24	Pass
ac40	5230	Ant1	13.94	24	Pass
ac80	5210	Ant1	13.92	24	Pass
ax20	5180	Ant1	14	24	Pass
ax20	5200	Ant1	14.13	24	Pass
ax20	5240	Ant1	13.74	24	Pass
ax40	5190	Ant1	13.82	24	Pass
ax40	5230	Ant1	13.71	24	Pass
ax80	5210	Ant1	13.8	24	Pass

Note:

The duty factor has been compensated into the result.

3 -26dB Bandwidth

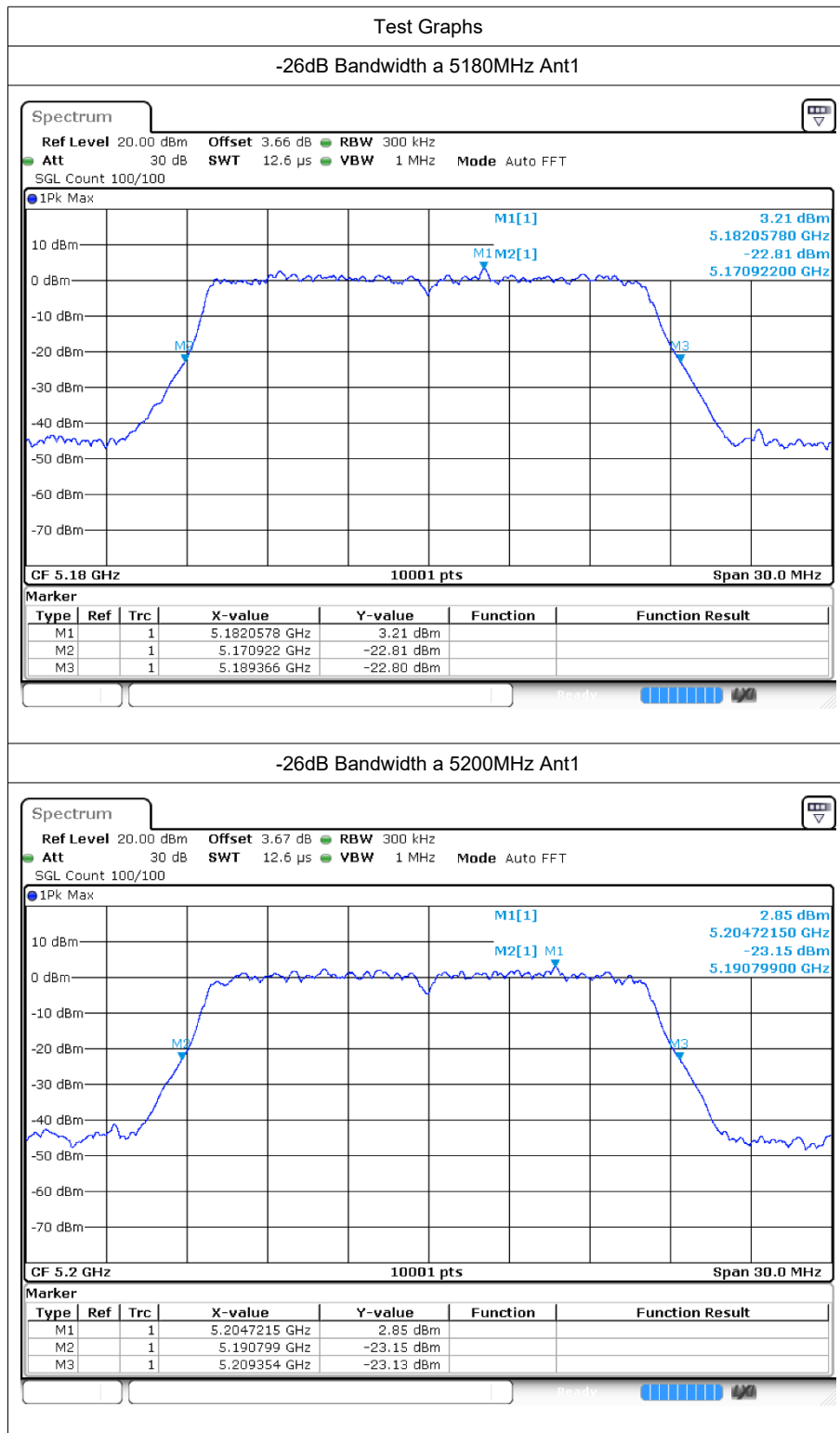
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	18.444	0.5	Pass
a	5200	Ant1	18.555	0.5	Pass
a	5240	Ant1	18.393	0.5	Pass
n20	5180	Ant1	19.638	0.5	Pass
n20	5200	Ant1	19.413	0.5	Pass
n20	5240	Ant1	19.764	0.5	Pass
n40	5190	Ant1	38.322	0.5	Pass
n40	5230	Ant1	38.694	0.5	Pass
ac20	5180	Ant1	19.599	0.5	Pass
ac20	5200	Ant1	19.338	0.5	Pass
ac20	5240	Ant1	19.467	0.5	Pass
ac40	5190	Ant1	38.37	0.5	Pass
ac40	5230	Ant1	38.478	0.5	Pass
ac80	5210	Ant1	82.38	0.5	Pass
ax20	5180	Ant1	20.361	0.5	Pass
ax20	5200	Ant1	20.151	0.5	Pass
ax20	5240	Ant1	20.4	0.5	Pass
ax40	5190	Ant1	39.618	0.5	Pass
ax40	5230	Ant1	39.612	0.5	Pass
ax80	5210	Ant1	81.012	0.5	Pass

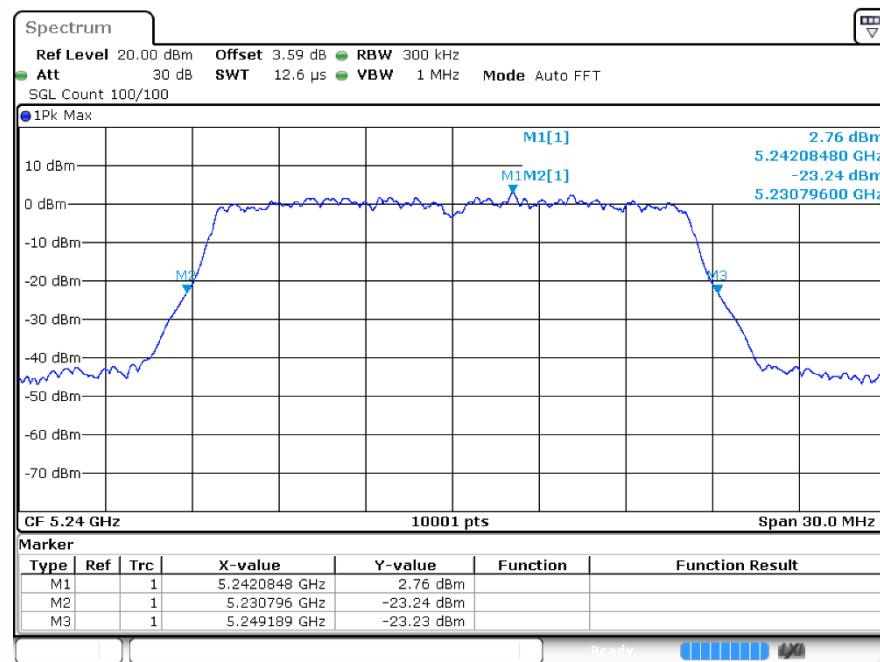
Note:

The duty factor has been compensated into the result.

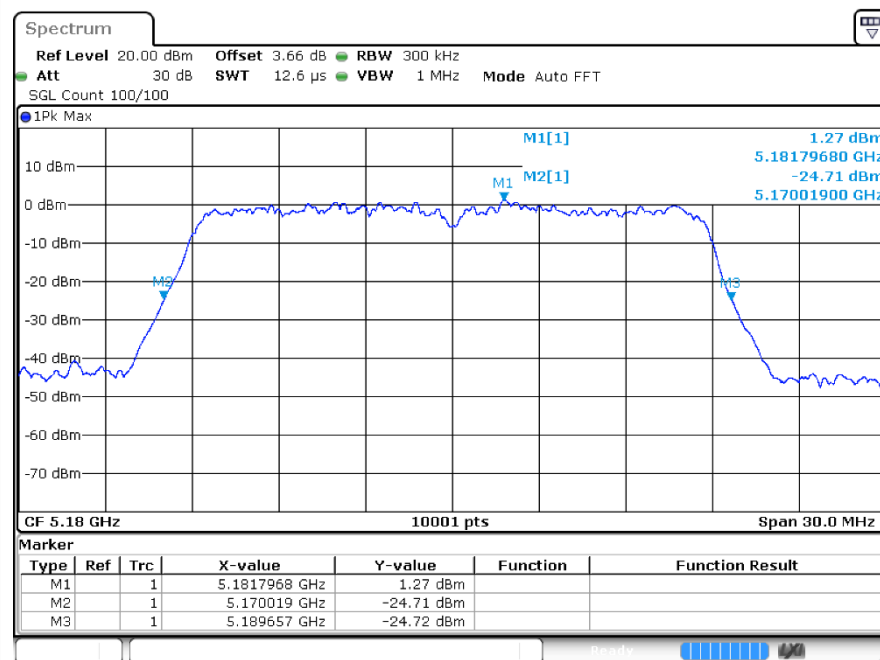
3.2 Test Graphs



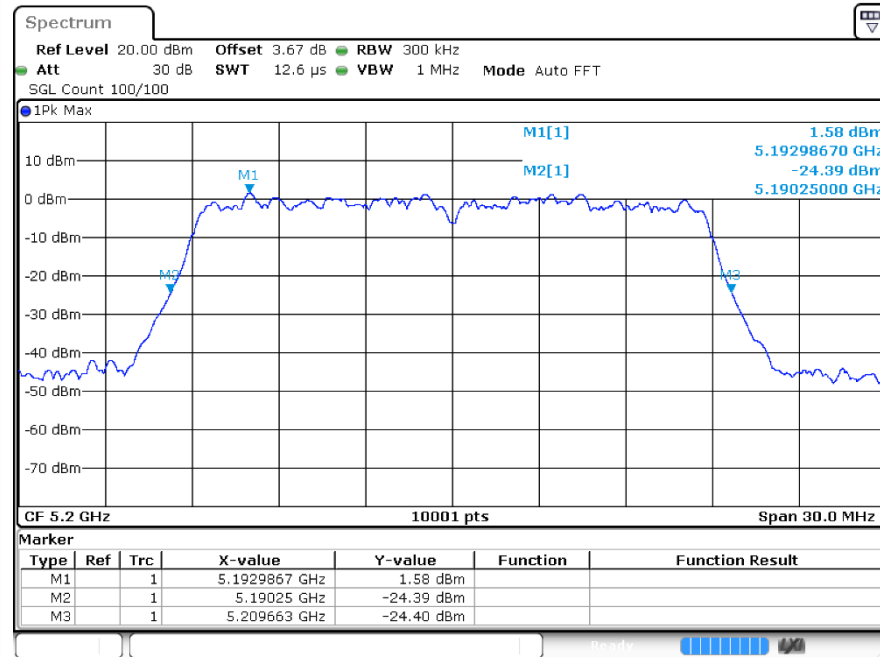
-26dB Bandwidth a 5240MHz Ant1



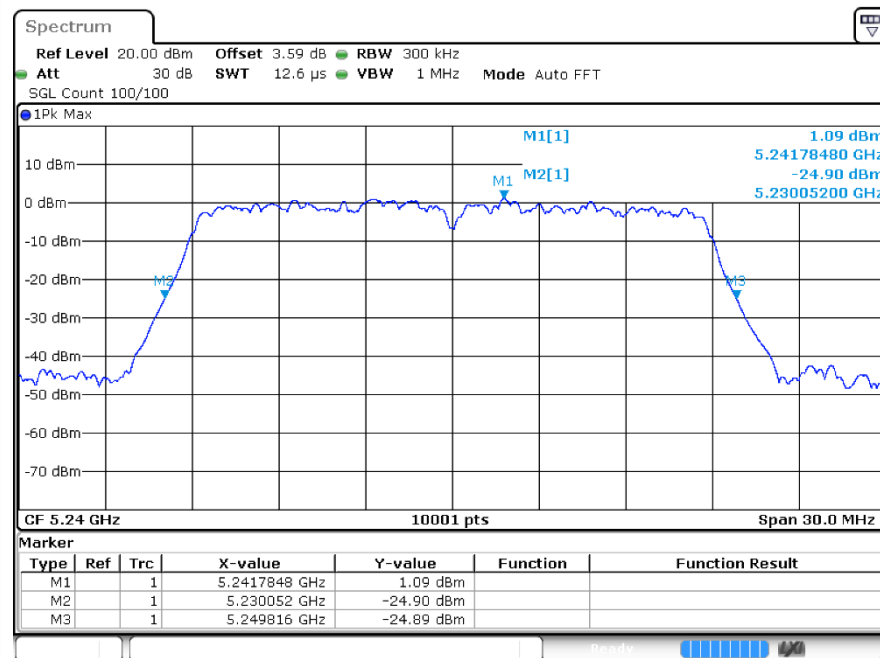
-26dB Bandwidth n20 5180MHz Ant1



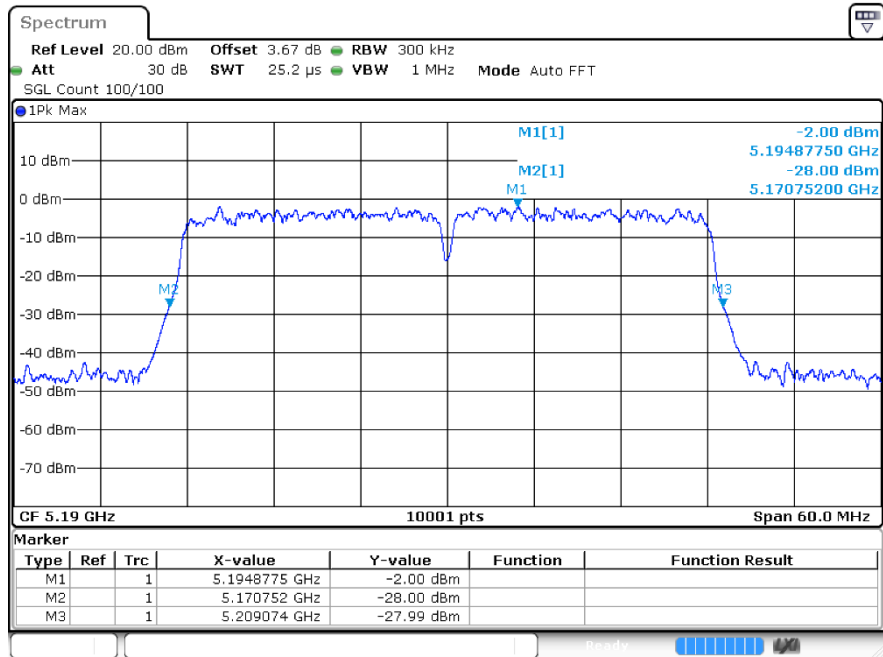
-26dB Bandwidth n20 5200MHz Ant1



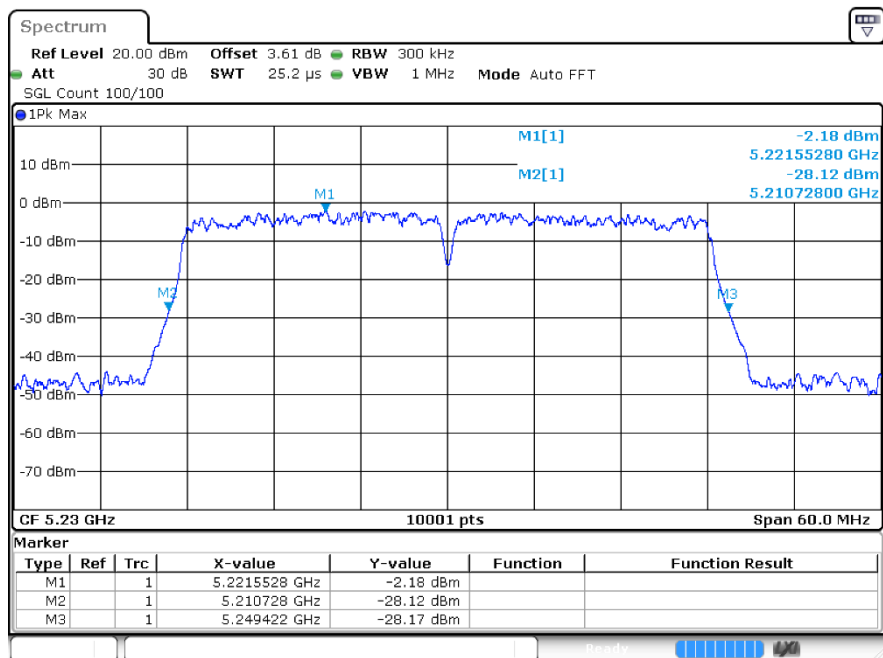
-26dB Bandwidth n20 5240MHz Ant1



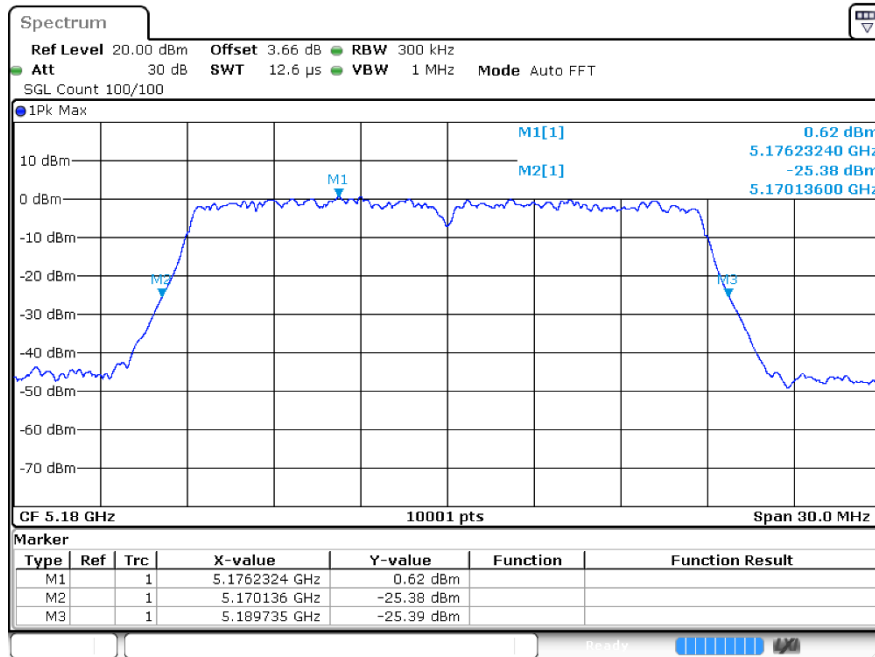
-26dB Bandwidth n40 5190MHz Ant1



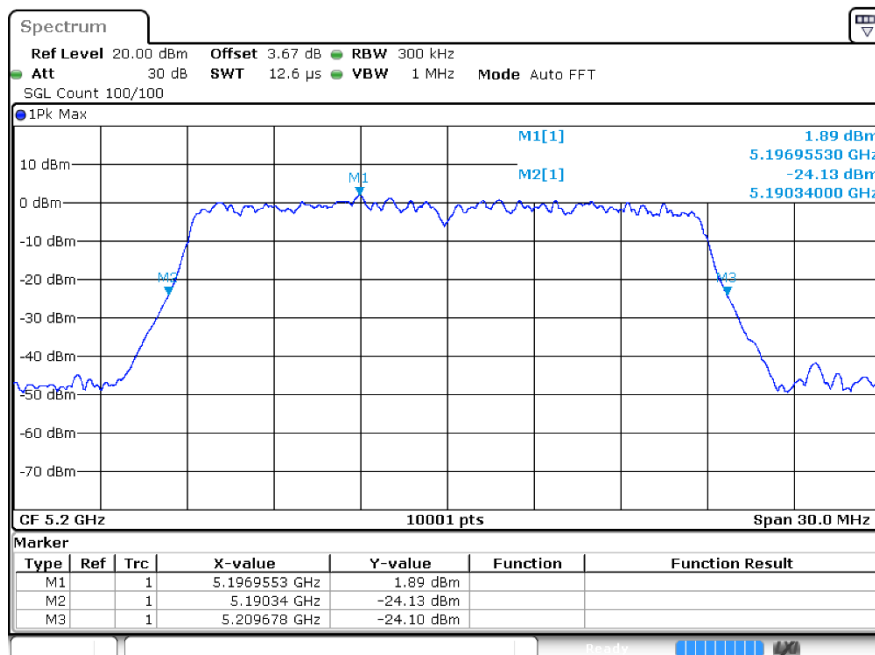
-26dB Bandwidth n40 5230MHz Ant1



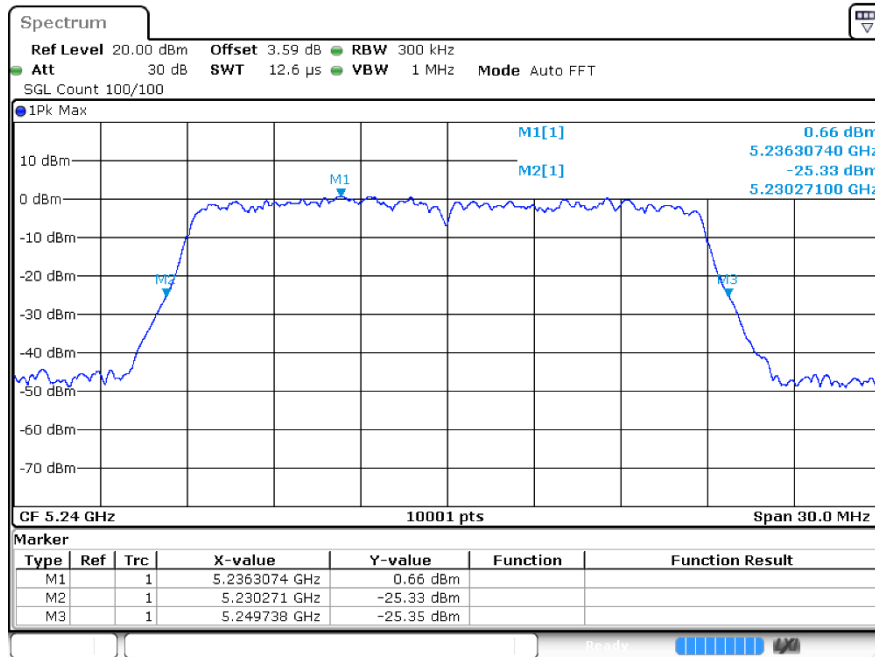
-26dB Bandwidth ac20 5180MHz Ant1



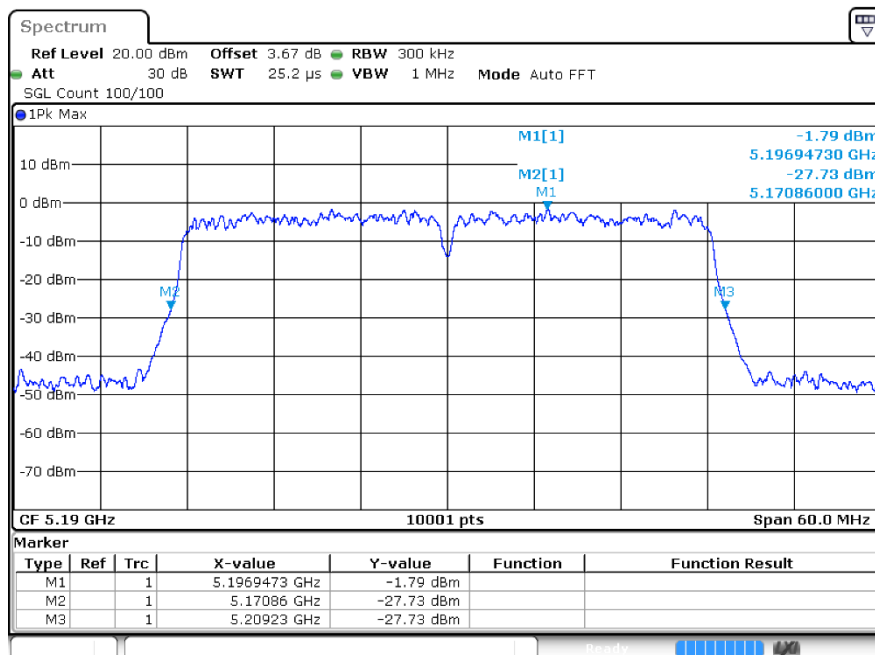
-26dB Bandwidth ac20 5200MHz Ant1



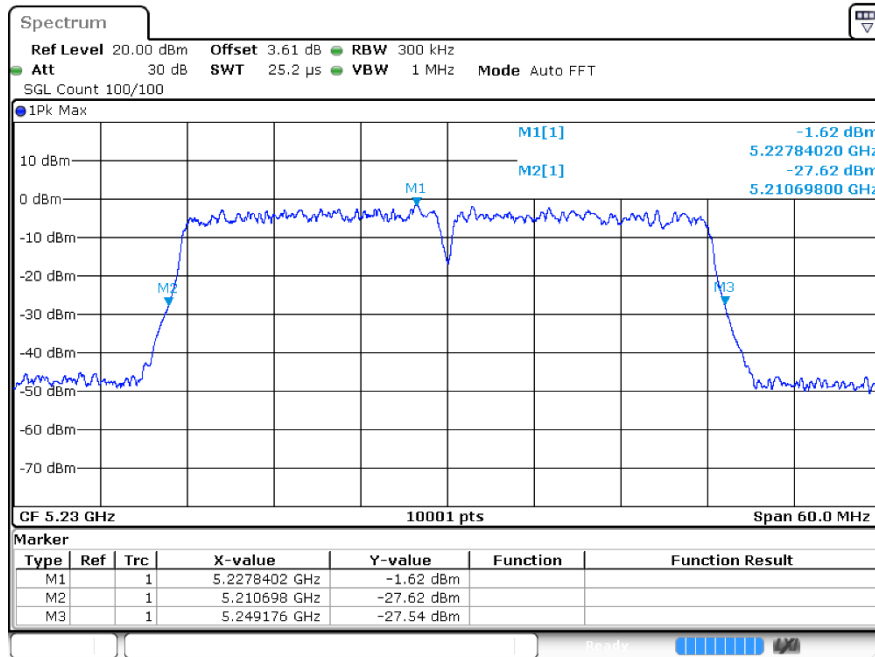
-26dB Bandwidth ac20 5240MHz Ant1



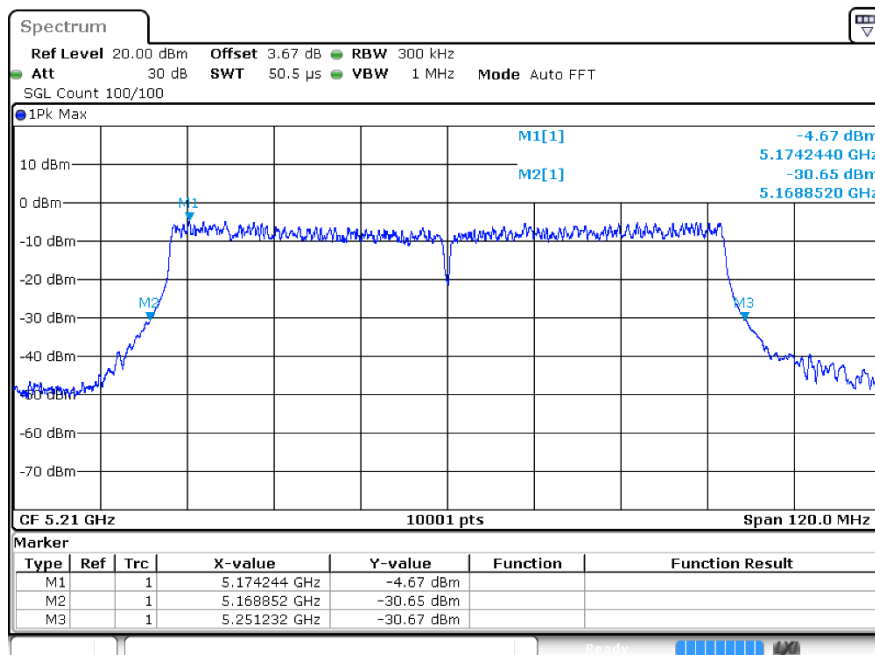
-26dB Bandwidth ac40 5190MHz Ant1



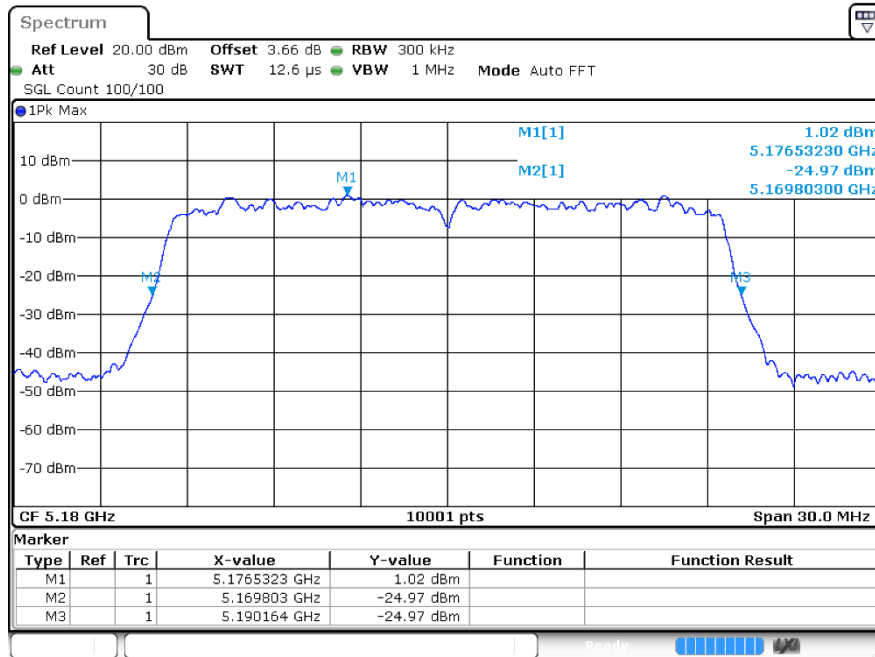
-26dB Bandwidth ac40 5230MHz Ant1



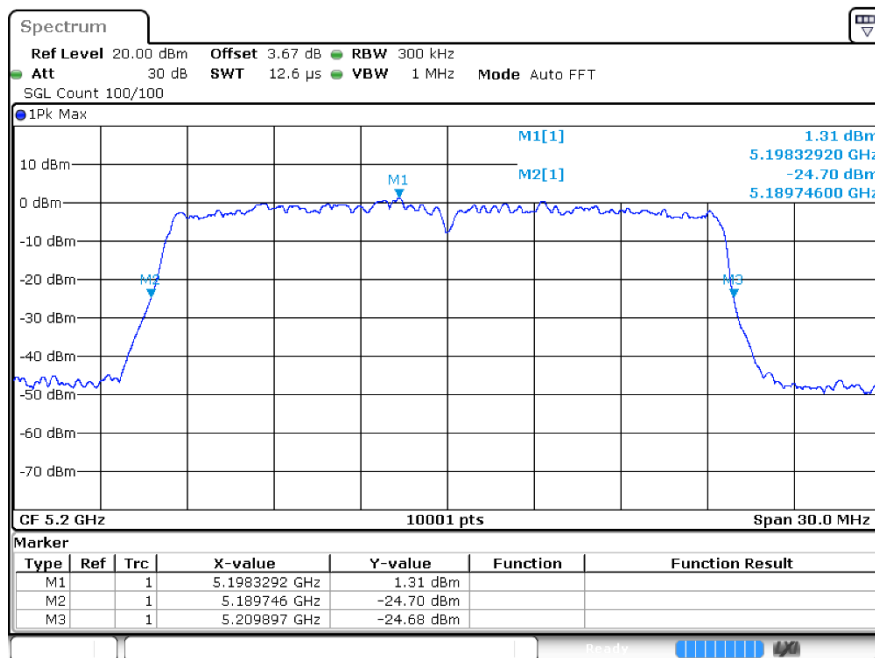
-26dB Bandwidth ac80 5210MHz Ant1



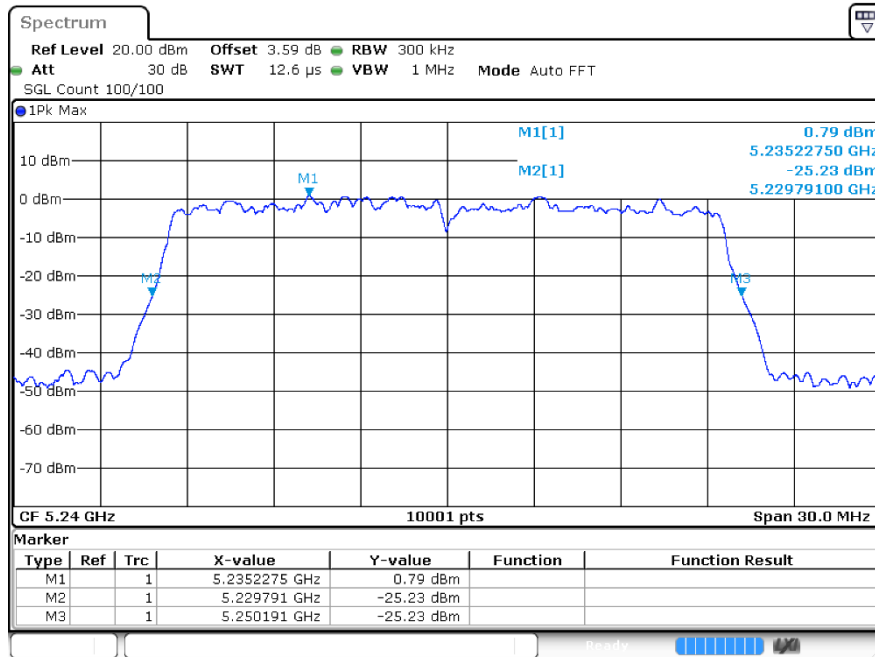
-26dB Bandwidth ax20 5180MHz Ant1



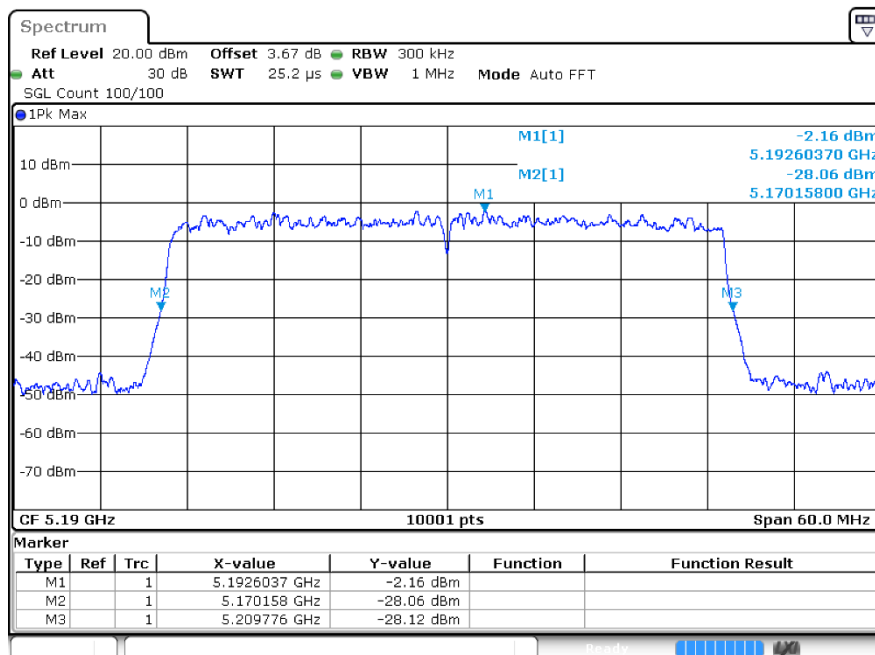
-26dB Bandwidth ax20 5200MHz Ant1



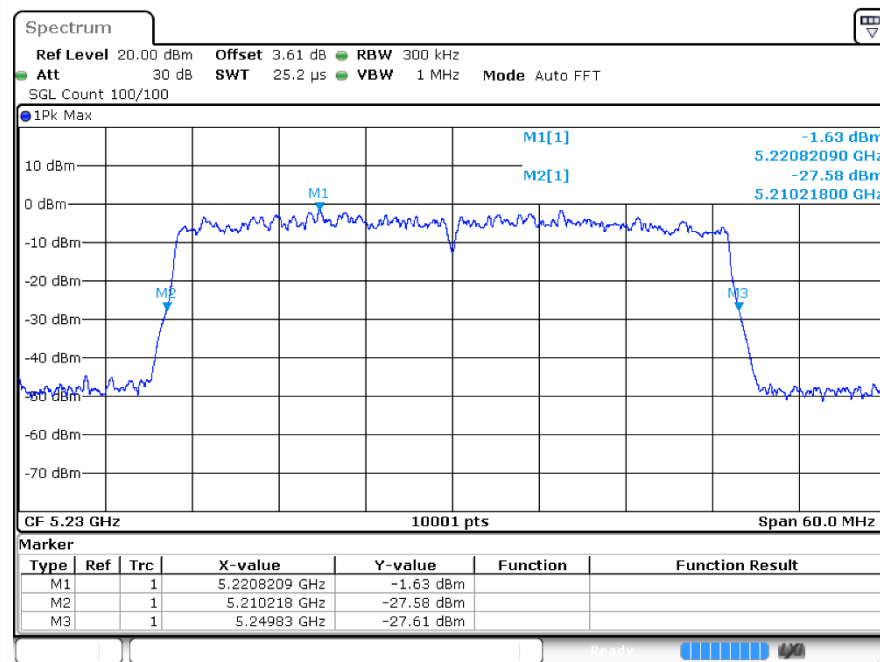
-26dB Bandwidth ax20 5240MHz Ant1



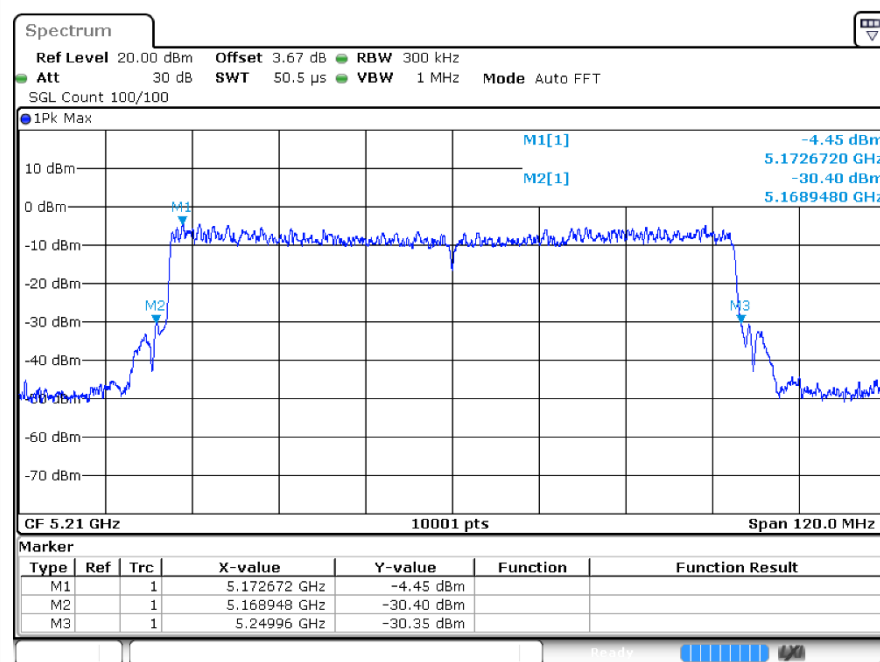
-26dB Bandwidth ax40 5190MHz Ant1



-26dB Bandwidth ax40 5230MHz Ant1



-26dB Bandwidth ax80 5210MHz Ant1



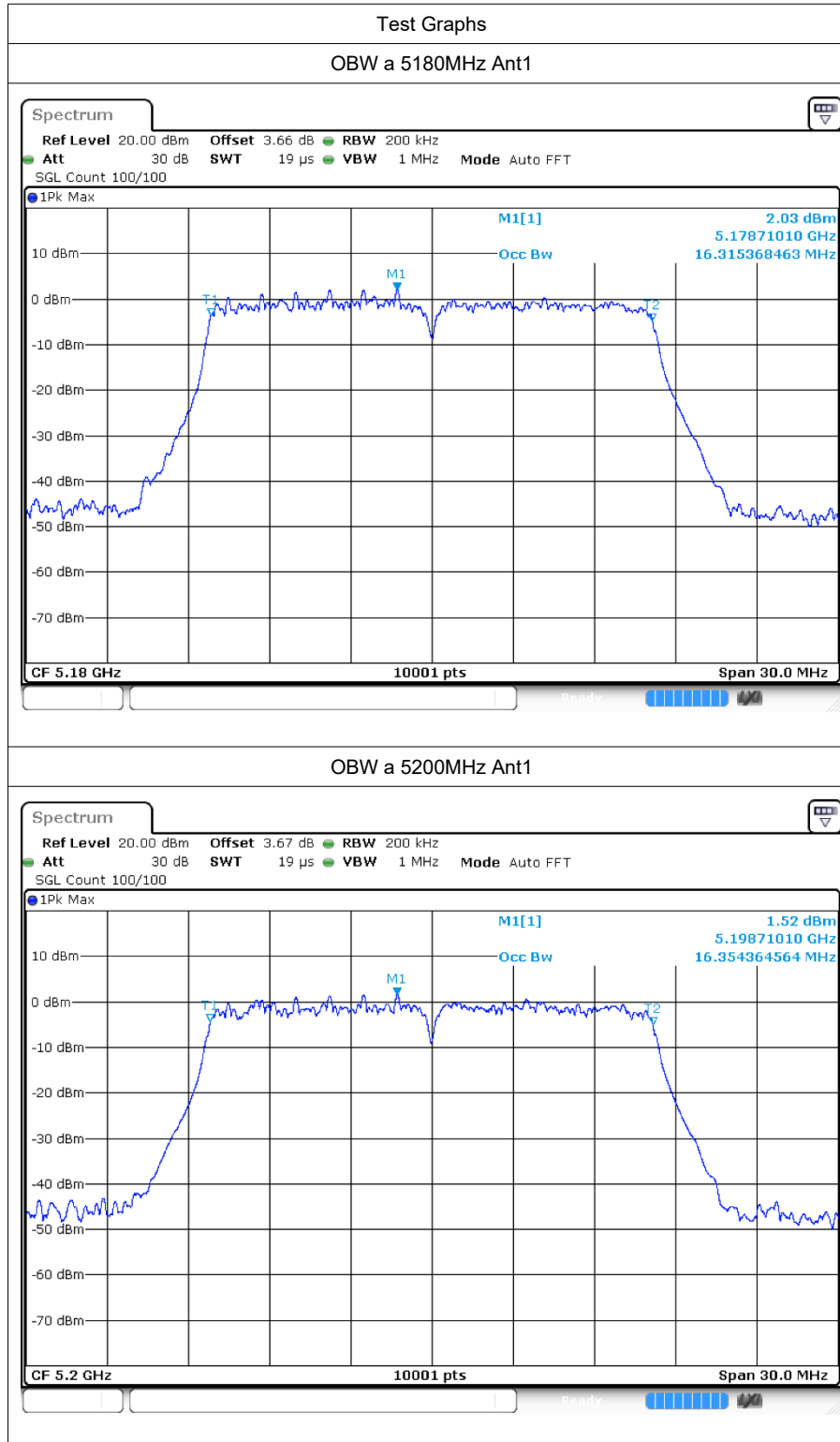


4 Occupied Channel Bandwidth

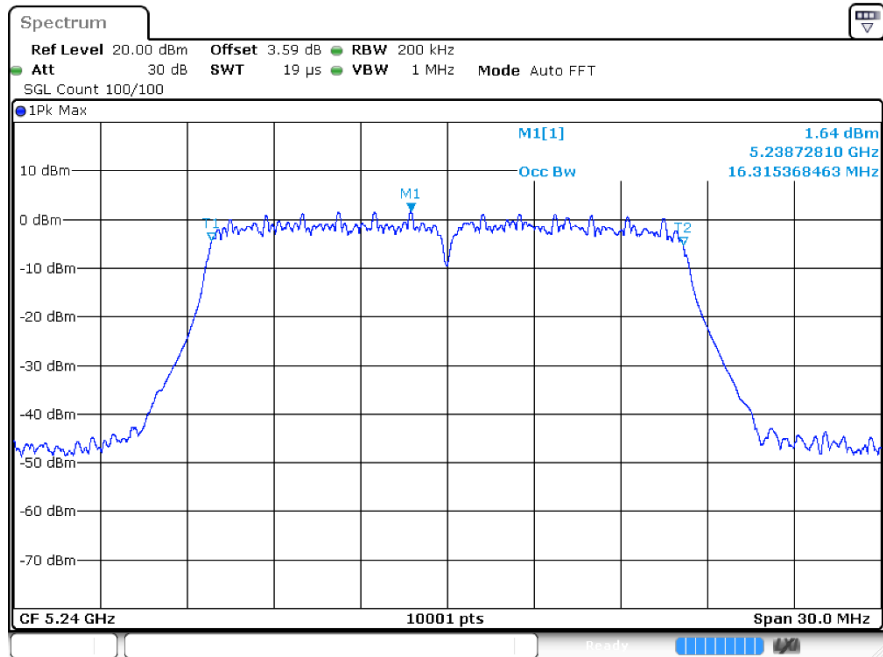
4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5180	Ant1	16.315
a	5200	Ant1	16.354
a	5240	Ant1	16.315
n20	5180	Ant1	17.506
n20	5200	Ant1	17.512
n20	5240	Ant1	17.506
n40	5190	Ant1	36.02
n40	5230	Ant1	36.038
ac20	5180	Ant1	17.551
ac20	5200	Ant1	17.482
ac20	5240	Ant1	17.524
ac40	5190	Ant1	36.062
ac40	5230	Ant1	36.11
ac80	5210	Ant1	76.408
ax20	5180	Ant1	18.898
ax20	5200	Ant1	18.838
ax20	5240	Ant1	18.862
ax40	5190	Ant1	37.658
ax40	5230	Ant1	37.628
ax80	5210	Ant1	77.344

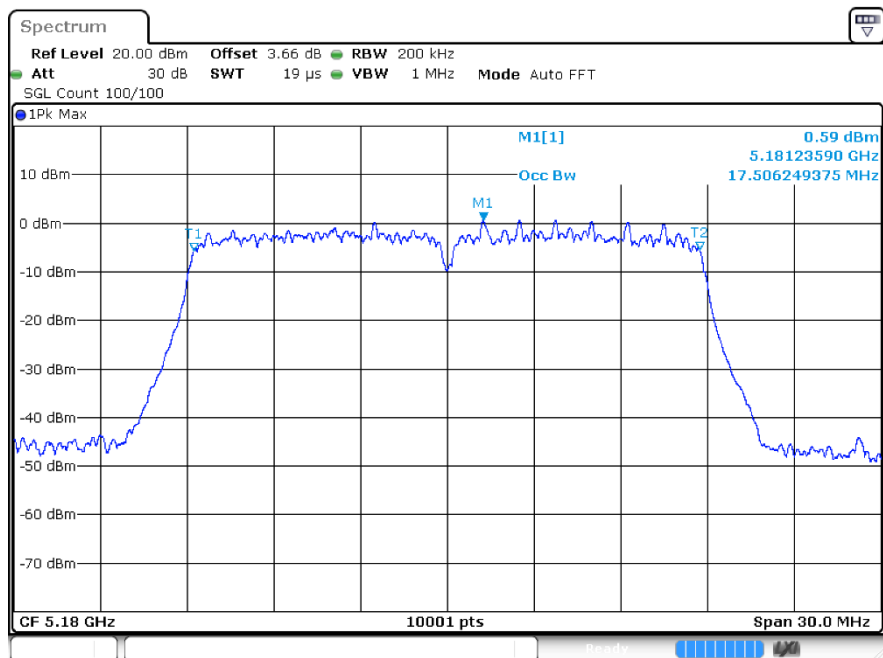
4.2 Test Graphs



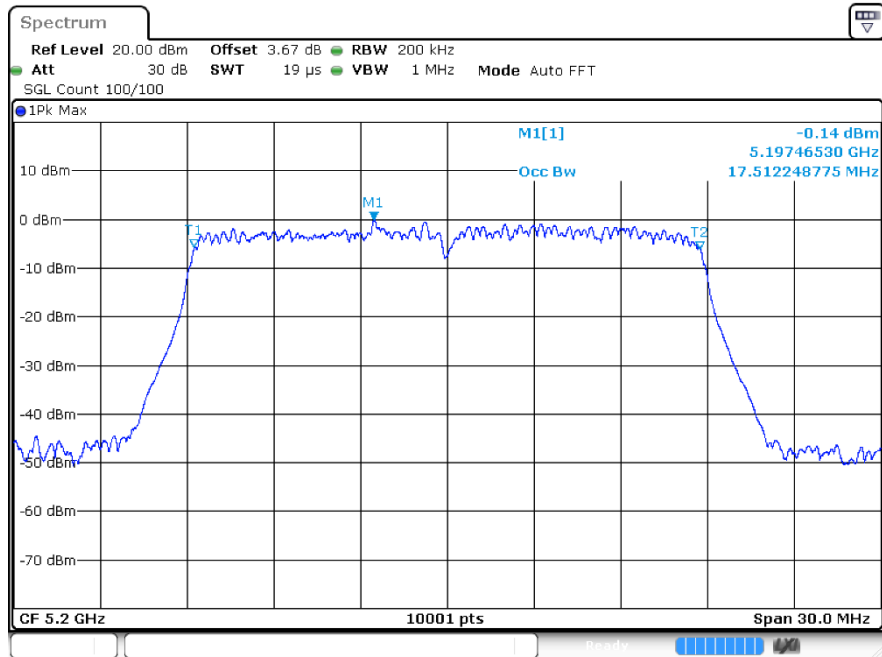
OBW a 5240MHz Ant1



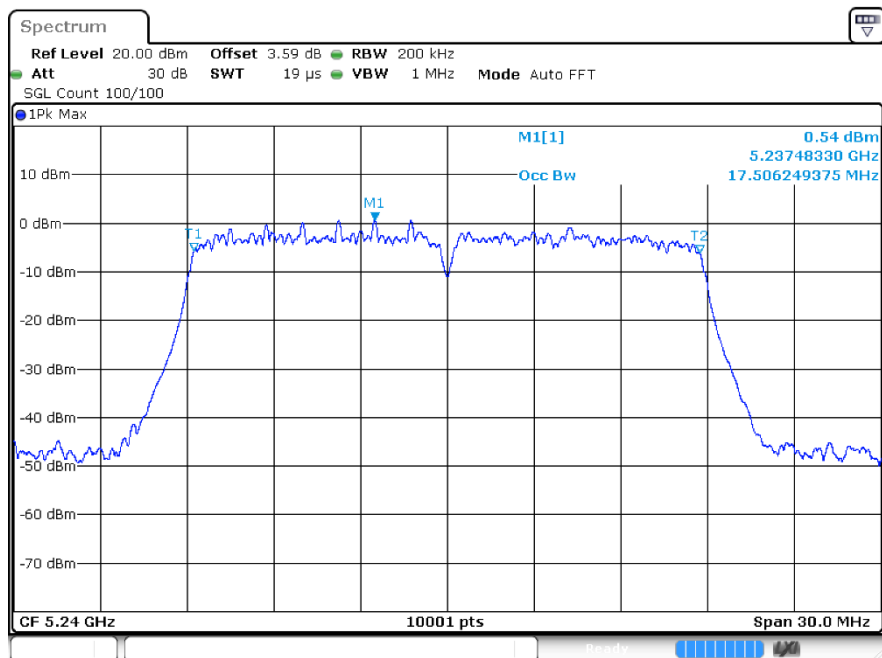
OBW n20 5180MHz Ant1



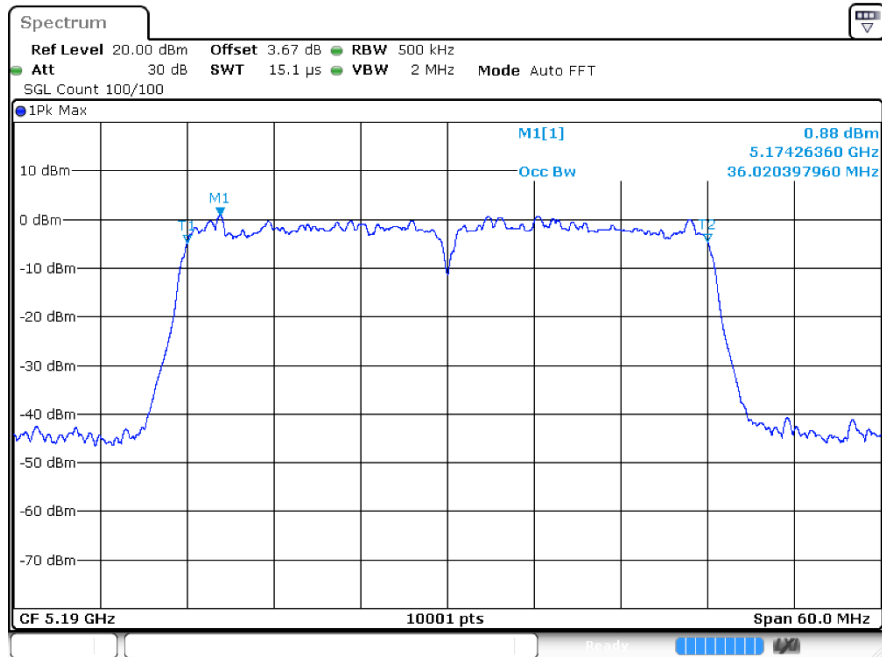
OBW n20 5200MHz Ant1



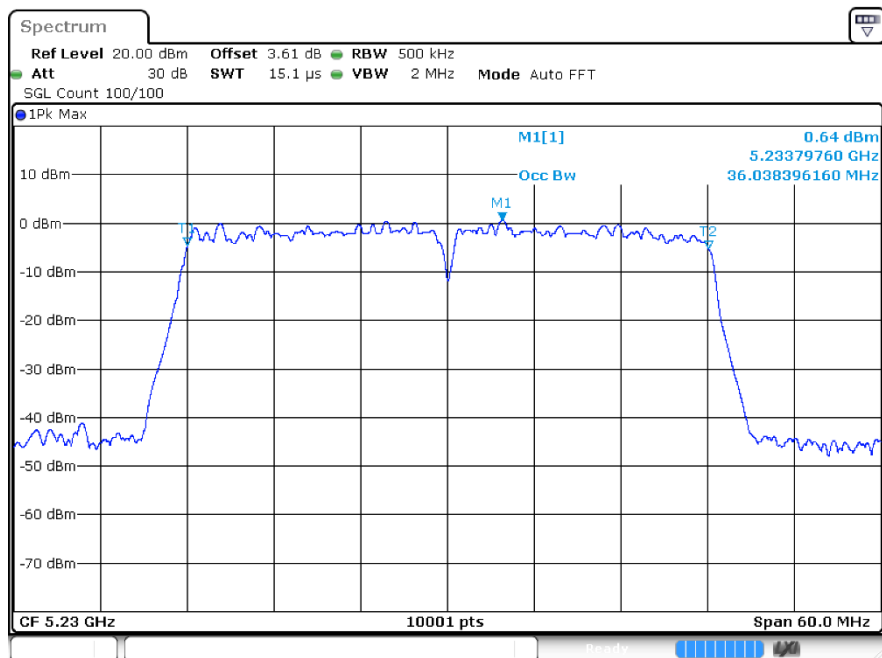
OBW n20 5240MHz Ant1



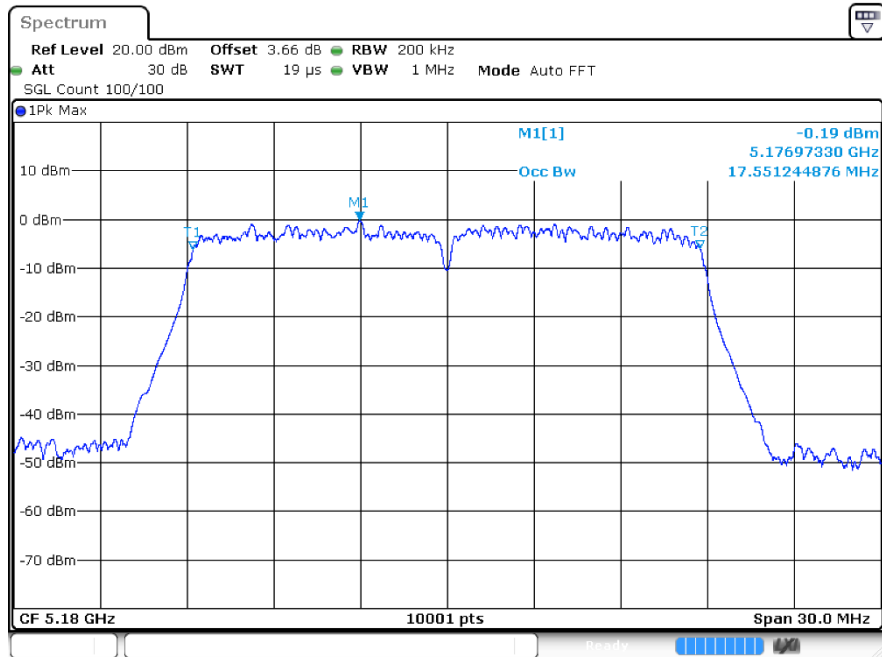
OBW n40 5190MHz Ant1



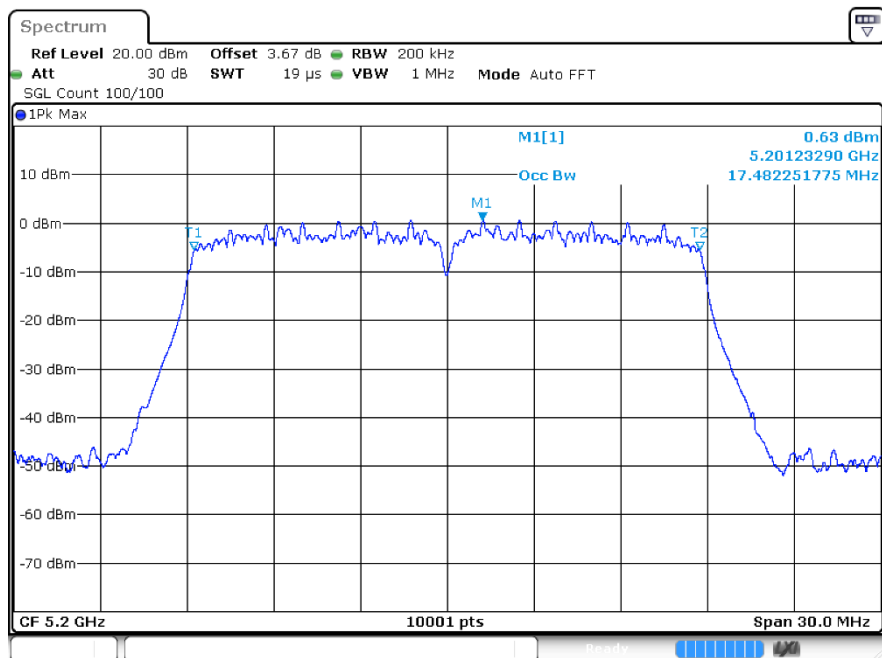
OBW n40 5230MHz Ant1



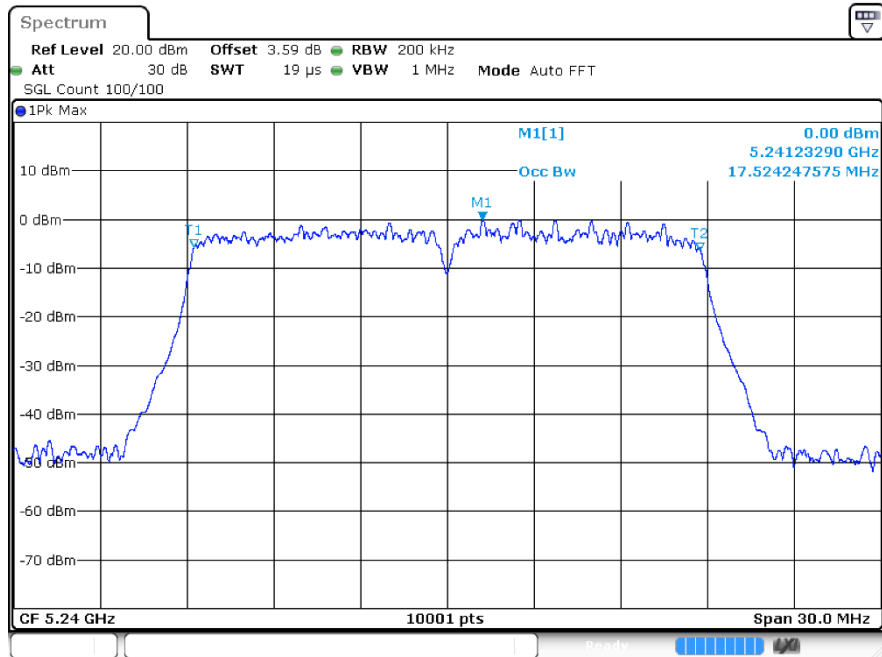
OBW ac20 5180MHz Ant1



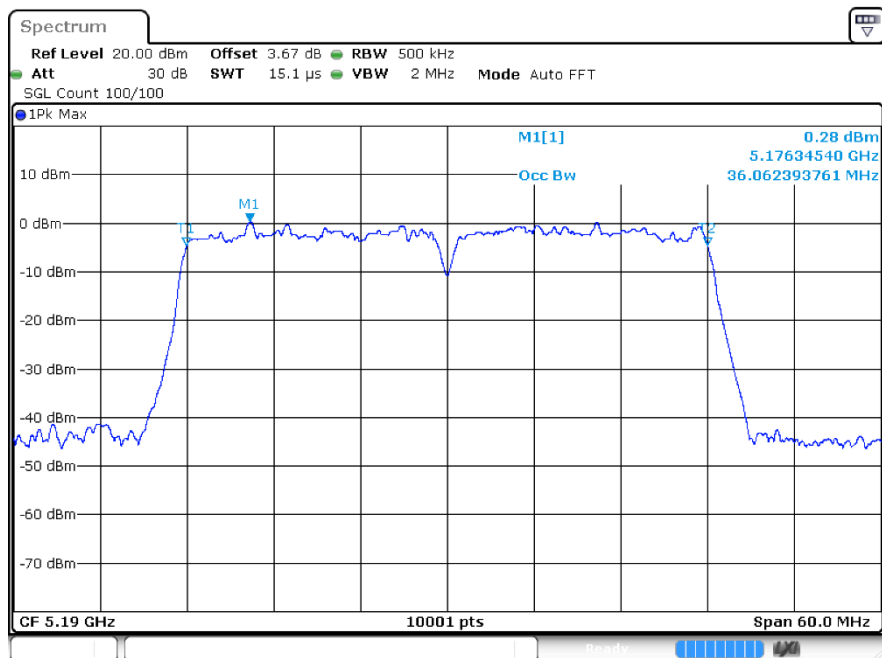
OBW ac20 5200MHz Ant1



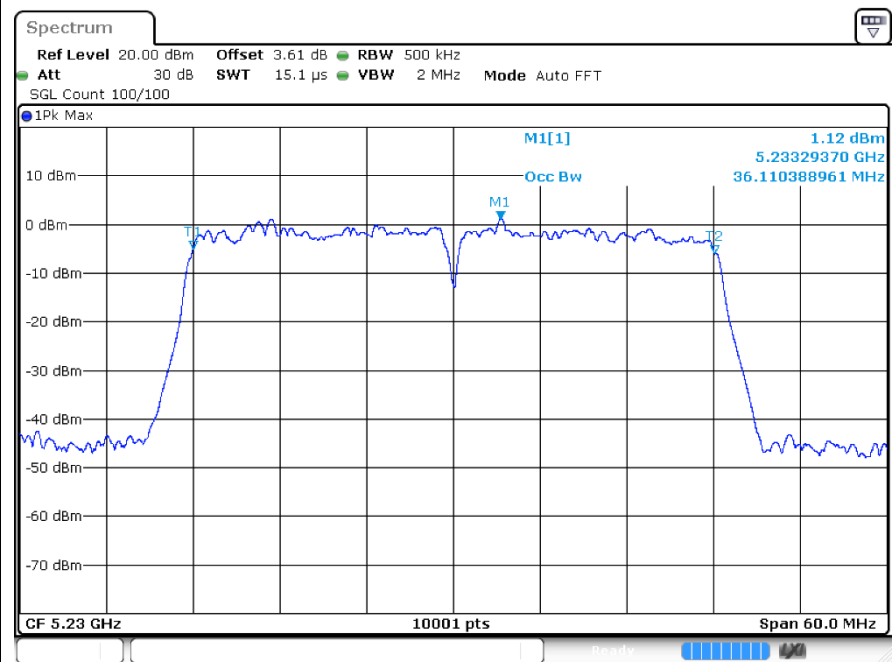
OBW ac20 5240MHz Ant1



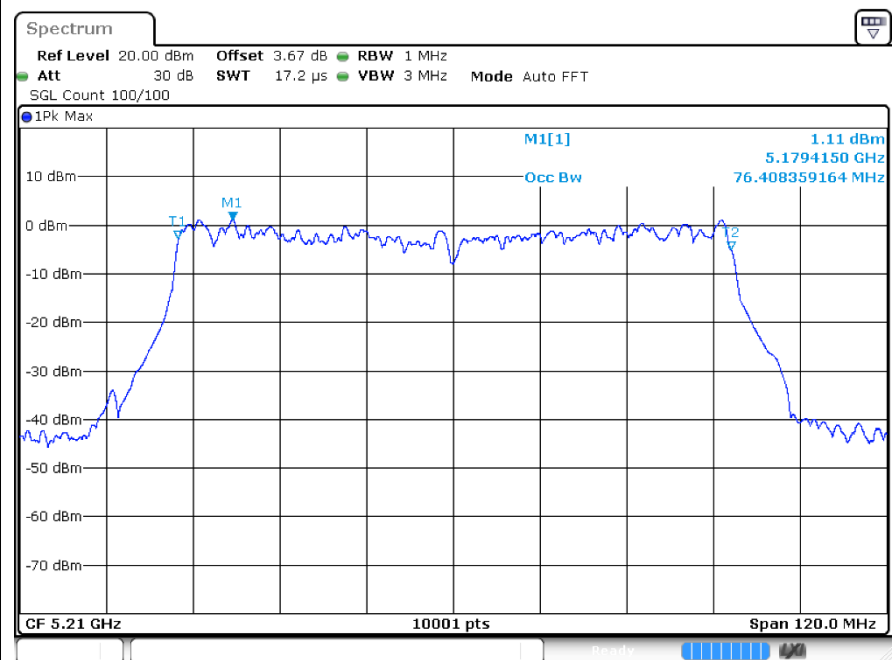
OBW ac40 5190MHz Ant1



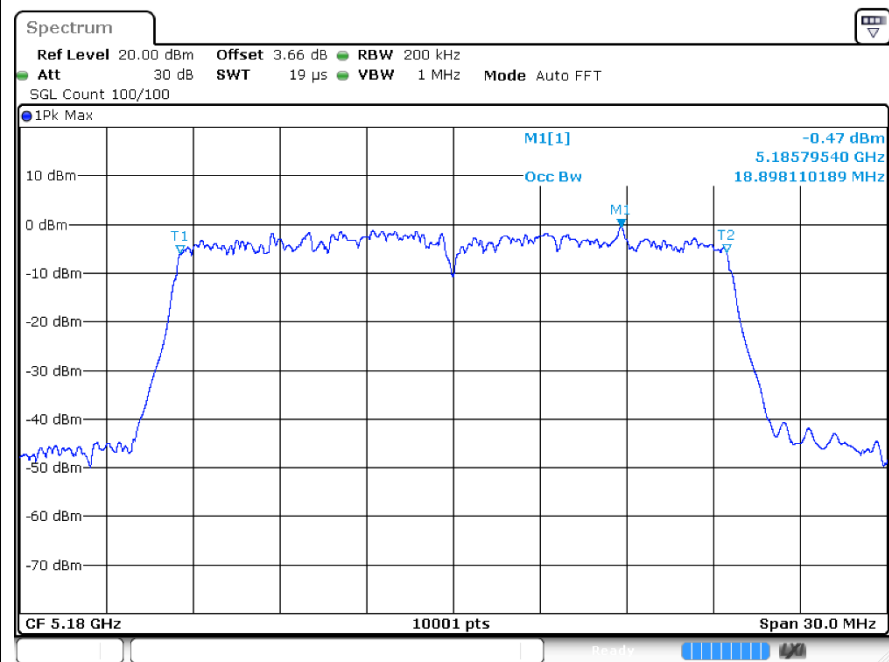
OBW ac40 5230MHz Ant1



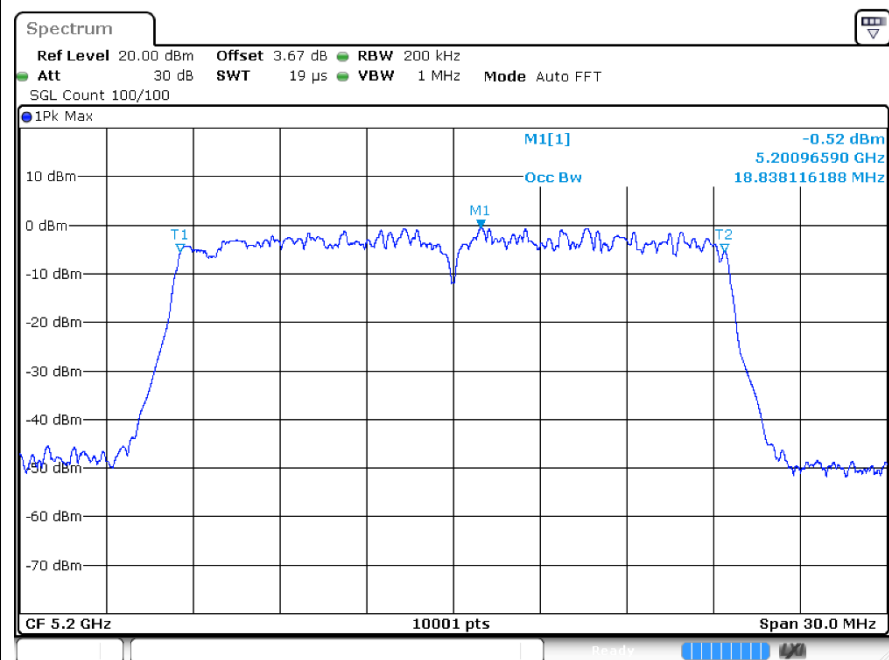
OBW ac80 5210MHz Ant1



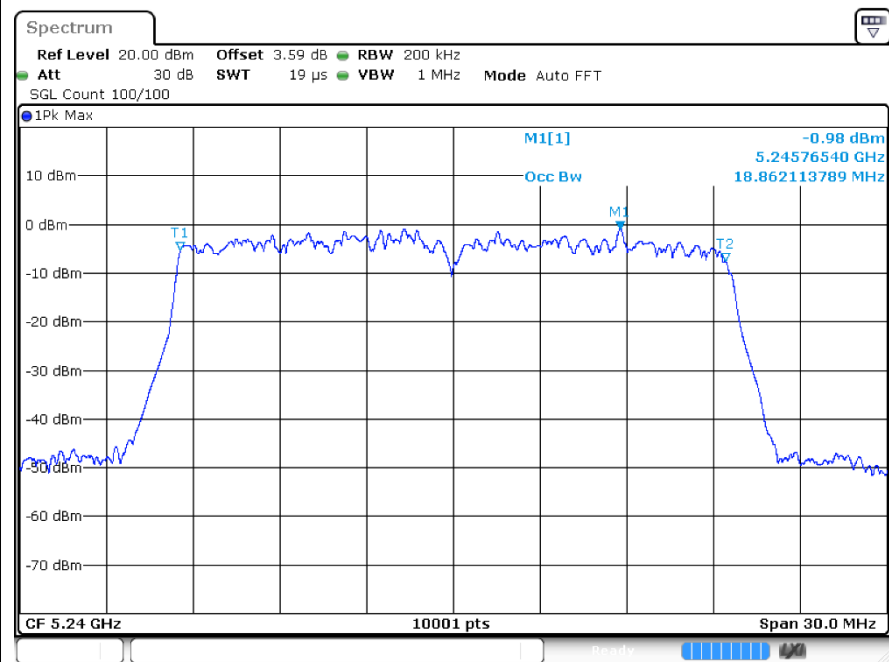
OBW ax20 5180MHz Ant1



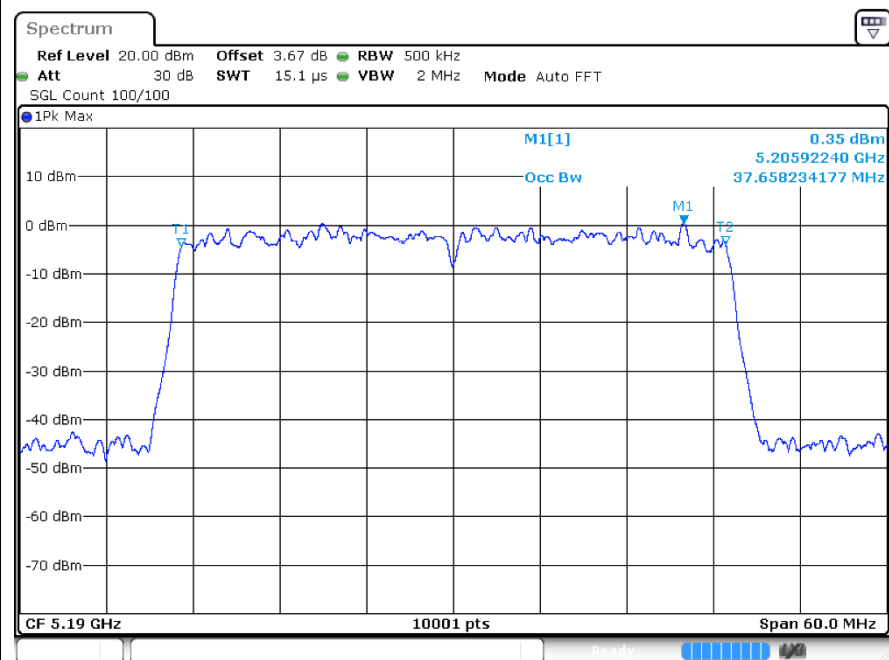
OBW ax20 5200MHz Ant1



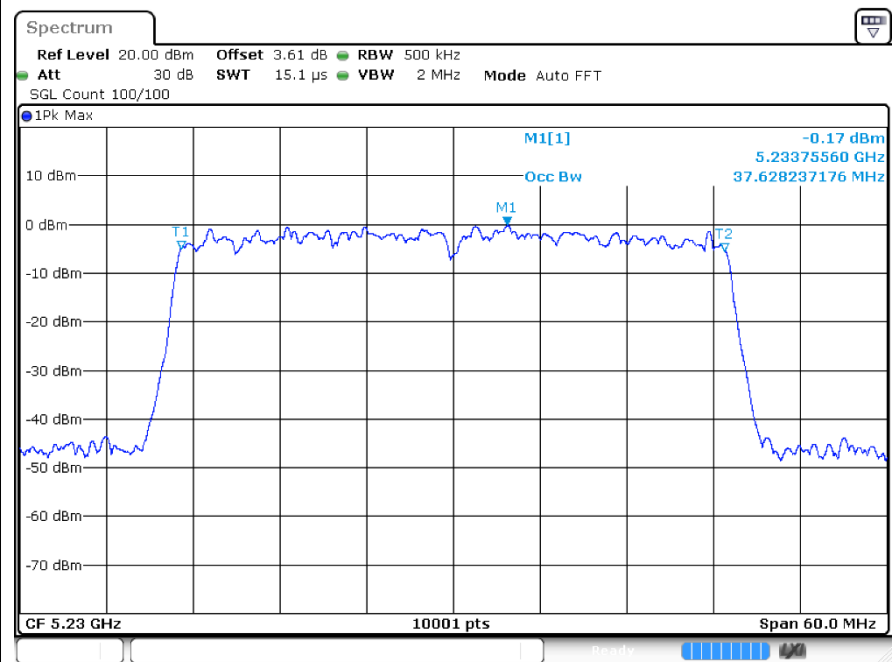
OBW ax20 5240MHz Ant1



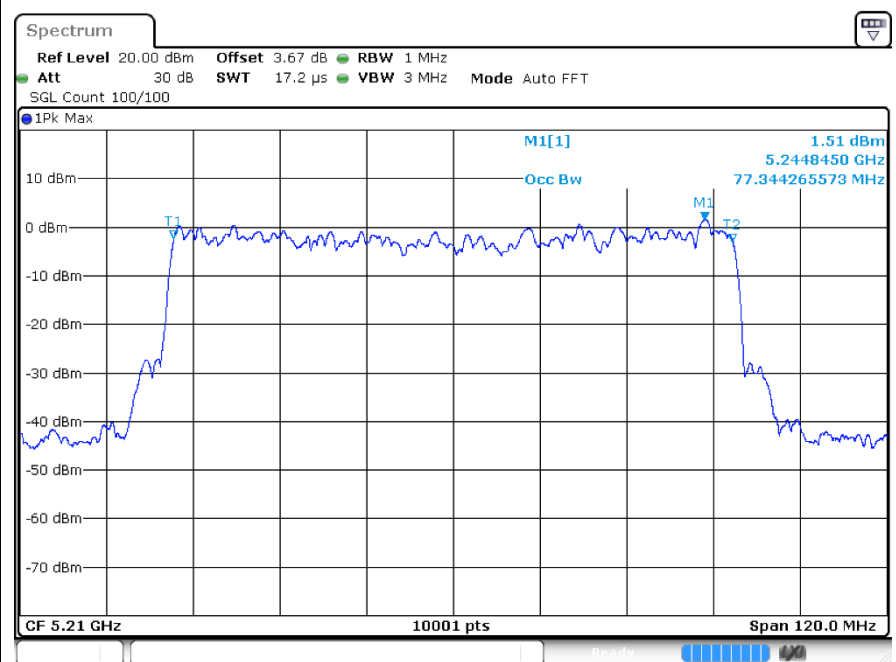
OBW ax40 5190MHz Ant1



OBW ax40 5230MHz Ant1



OBW ax80 5210MHz Ant1



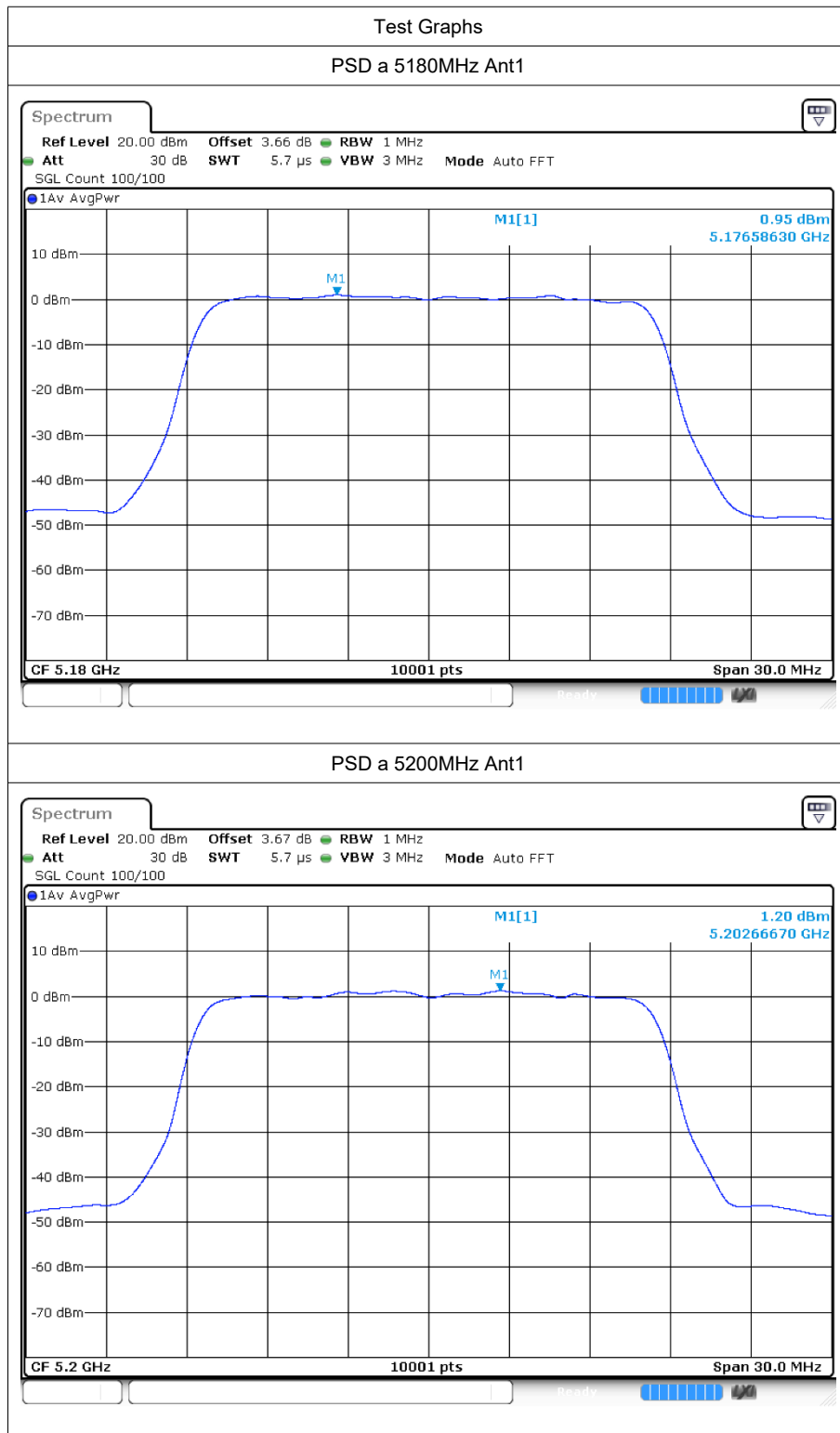


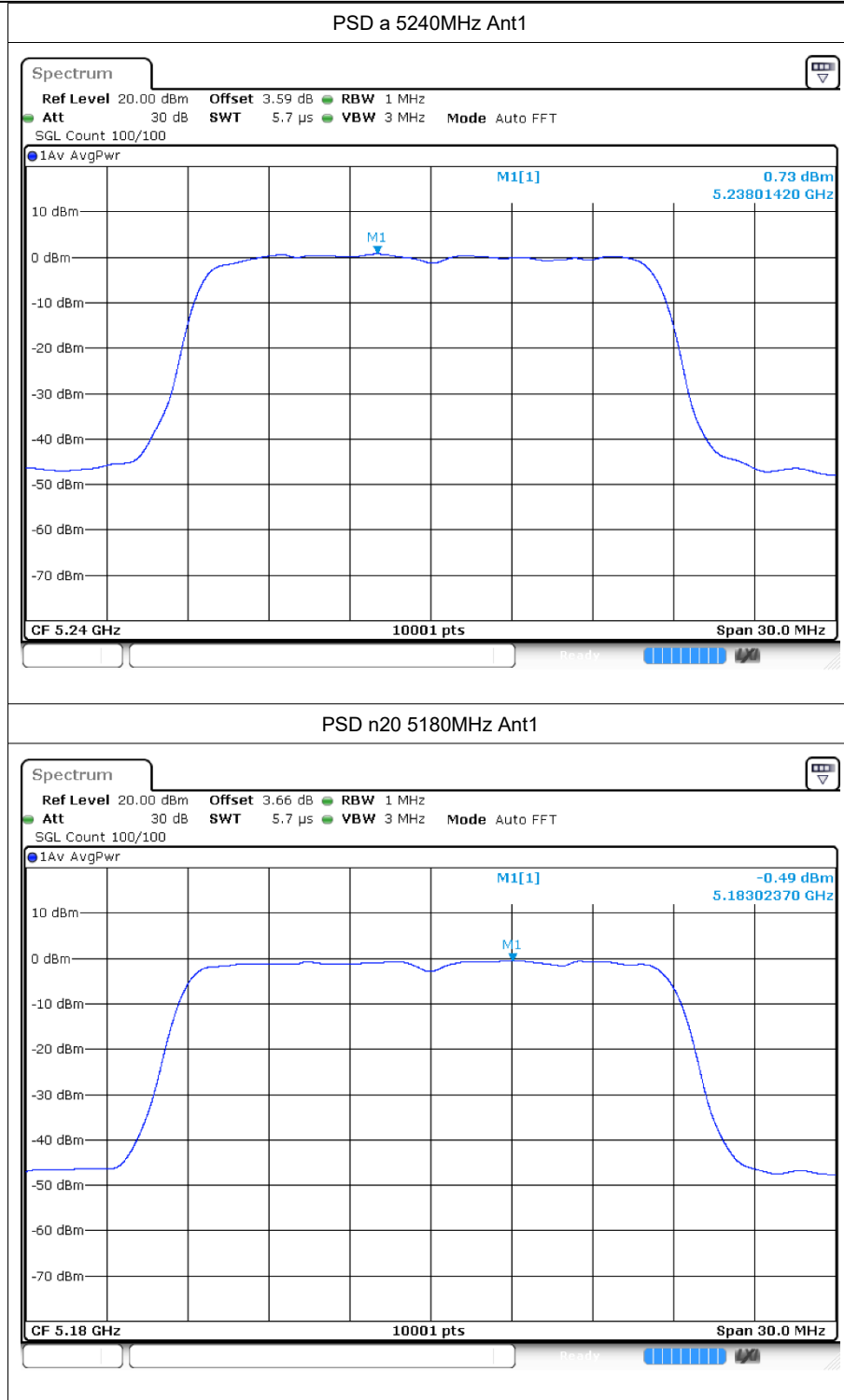
5 Maximum Power Spectral Density Level

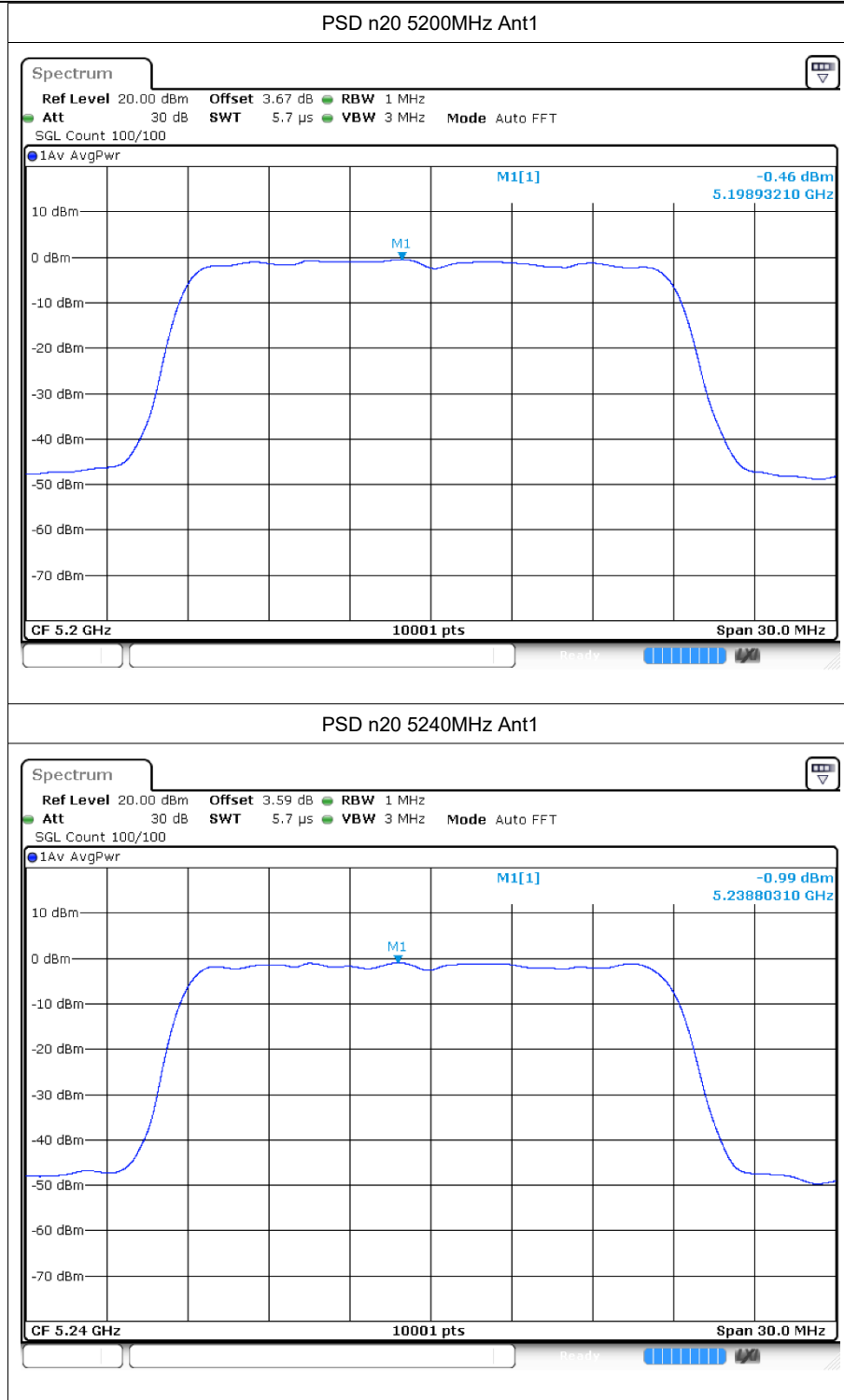
5.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	0.95	0	0.95	11	Pass
a	5200	Ant1	1.2	0	1.2	11	Pass
a	5240	Ant1	0.73	0	0.73	11	Pass
n20	5180	Ant1	-0.49	0	-0.49	11	Pass
n20	5200	Ant1	-0.46	0	-0.46	11	Pass
n20	5240	Ant1	-0.99	0	-0.99	11	Pass
n40	5190	Ant1	-3.2	0	-3.2	11	Pass
n40	5230	Ant1	-3.84	0	-3.84	11	Pass
ac20	5180	Ant1	-0.39	0	-0.39	11	Pass
ac20	5200	Ant1	-0.33	0	-0.33	11	Pass
ac20	5240	Ant1	-0.86	0	-0.86	11	Pass
ac40	5190	Ant1	-3.73	0	-3.73	11	Pass
ac40	5230	Ant1	-3.44	0	-3.44	11	Pass
ac80	5210	Ant1	-6.04	0	-6.04	11	Pass
ax20	5180	Ant1	-1.83	0	-1.83	11	Pass
ax20	5200	Ant1	-1.55	0	-1.55	11	Pass
ax20	5240	Ant1	-1.86	0	-1.86	11	Pass
ax40	5190	Ant1	-4.9	0	-4.9	11	Pass
ax40	5230	Ant1	-4.52	0	-4.52	11	Pass
ax80	5210	Ant1	-7.87	0	-7.87	11	Pass

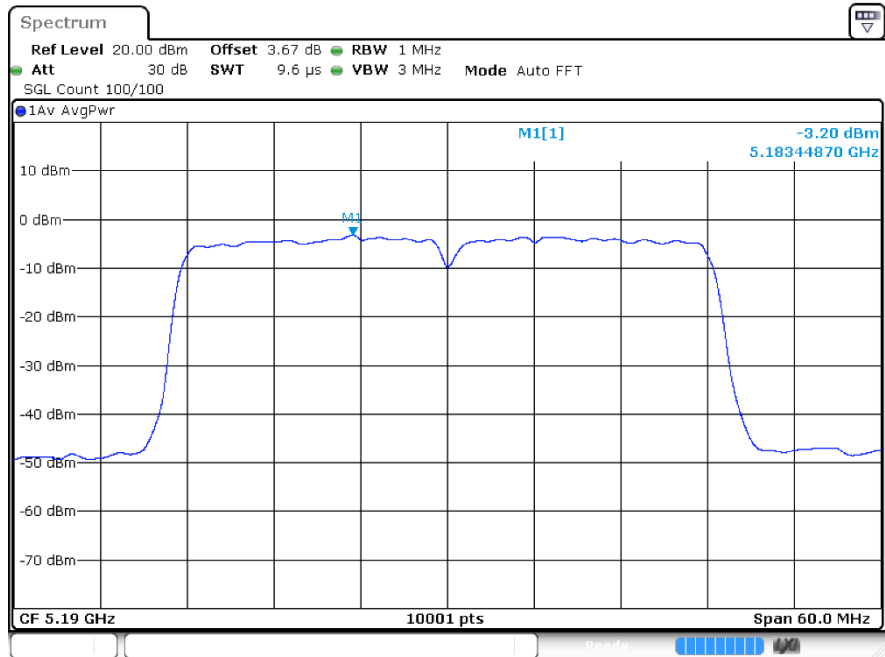
5.2 Test Graphs



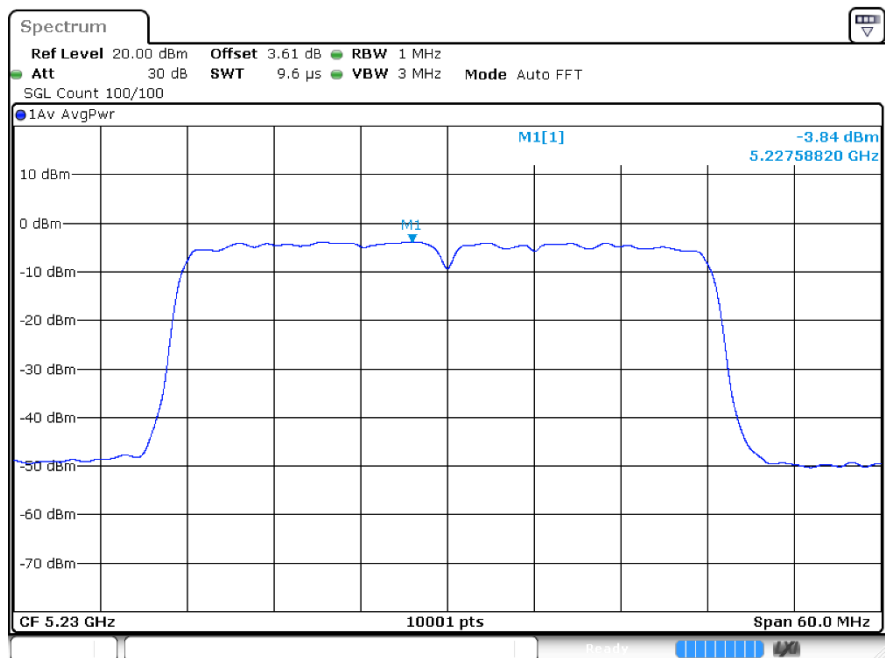




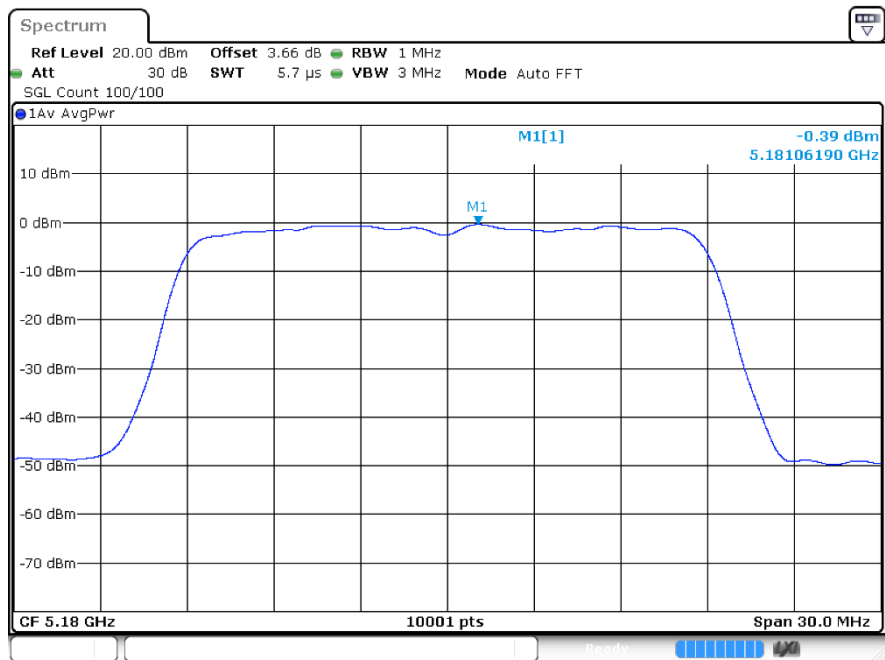
PSD n40 5190MHz Ant1



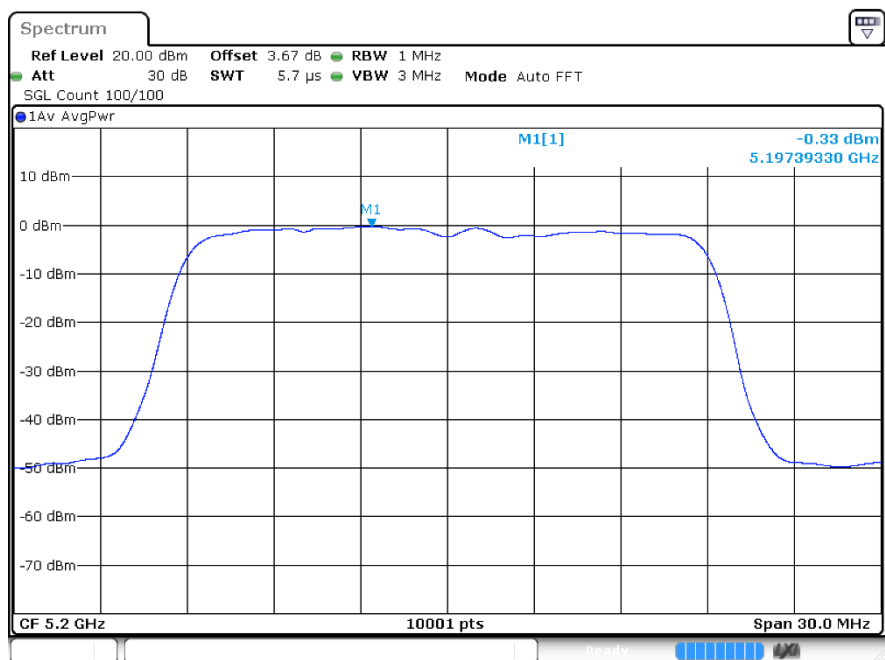
PSD n40 5230MHz Ant1



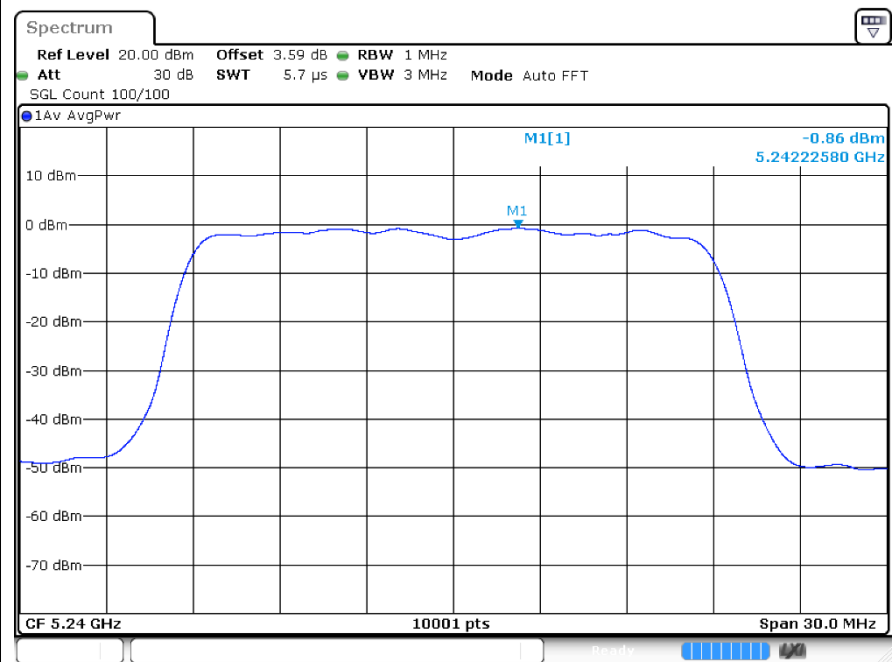
PSD ac20 5180MHz Ant1



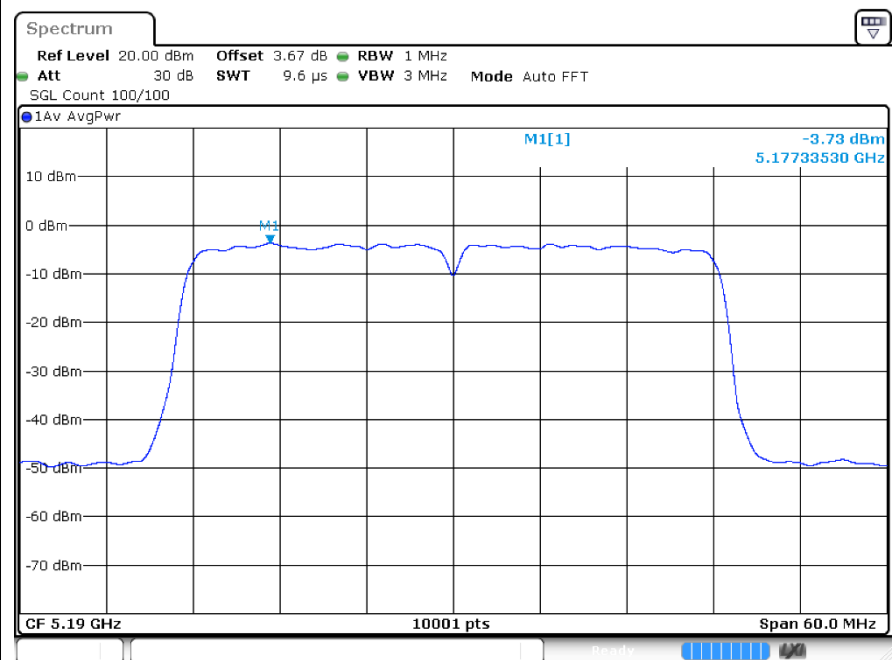
PSD ac20 5200MHz Ant1



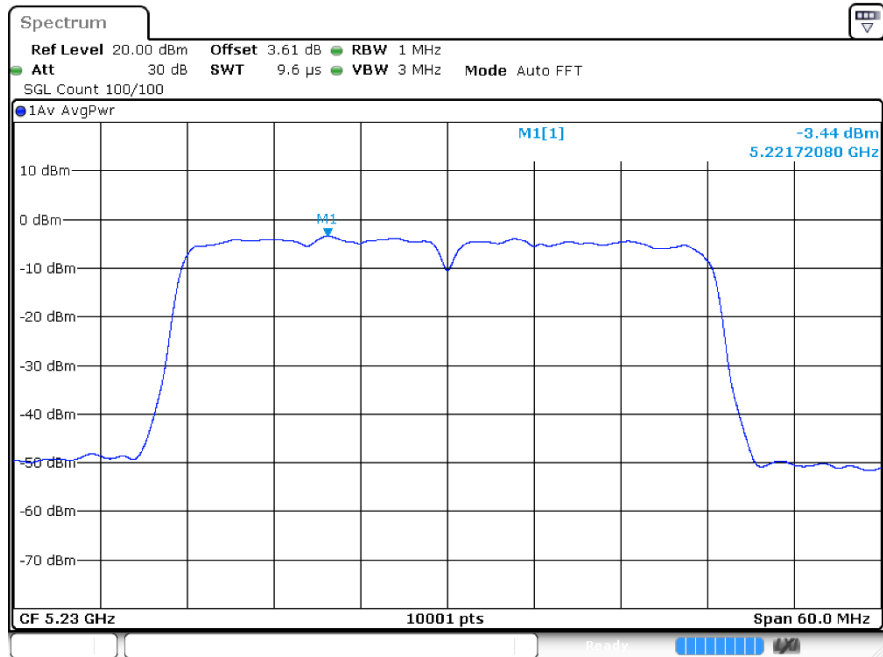
PSD ac20 5240MHz Ant1



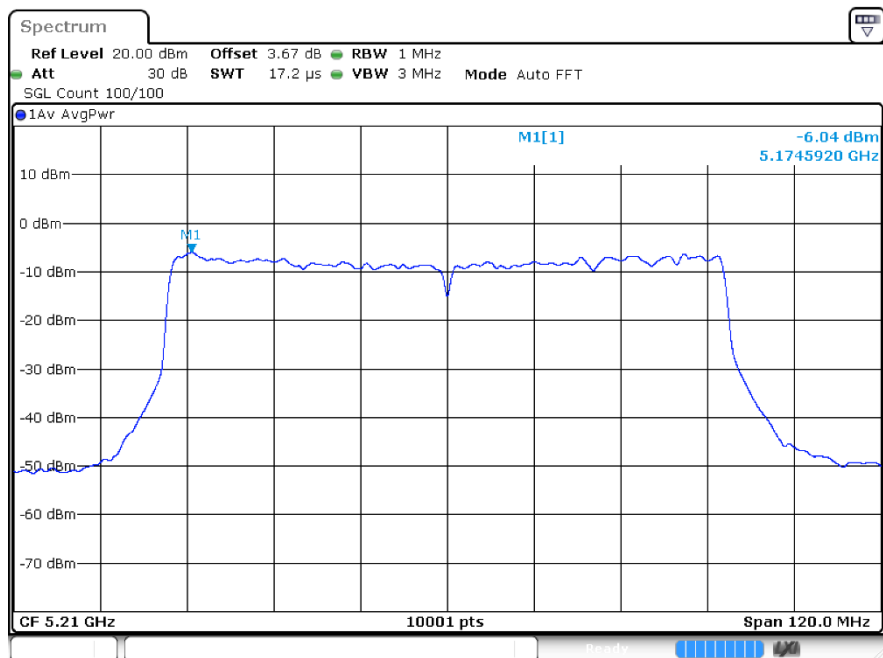
PSD ac40 5190MHz Ant1



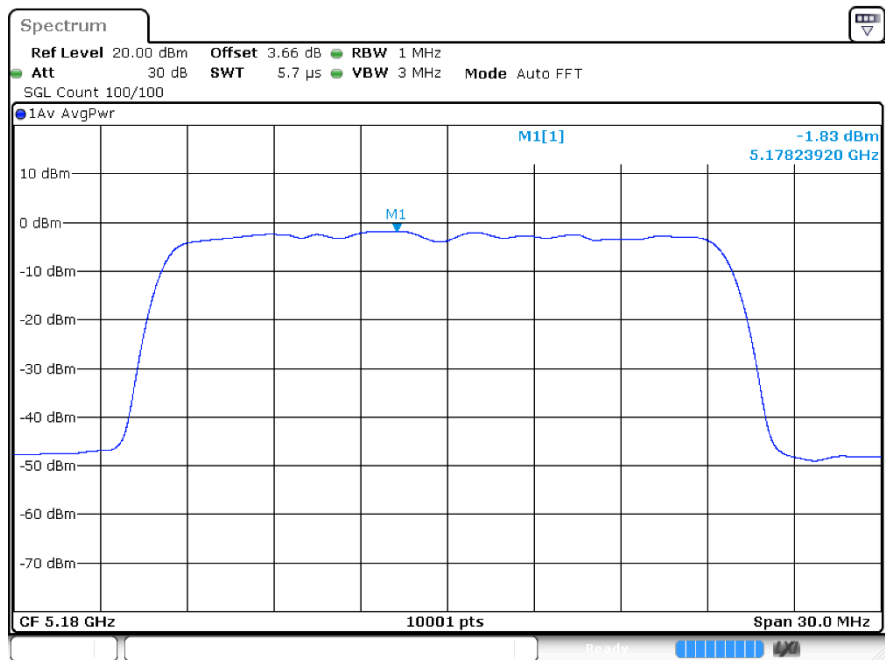
PSD ac40 5230MHz Ant1



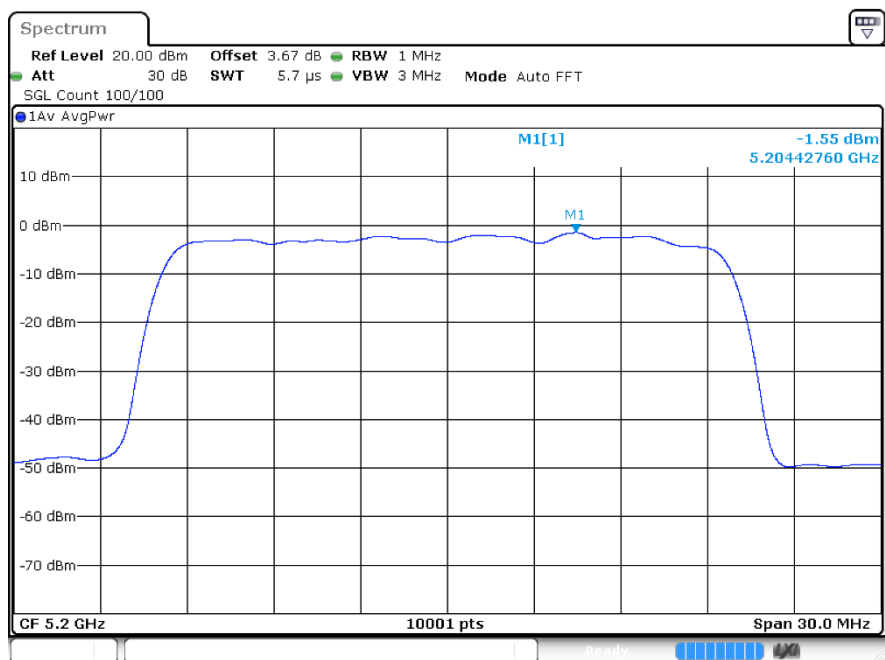
PSD ac80 5210MHz Ant1



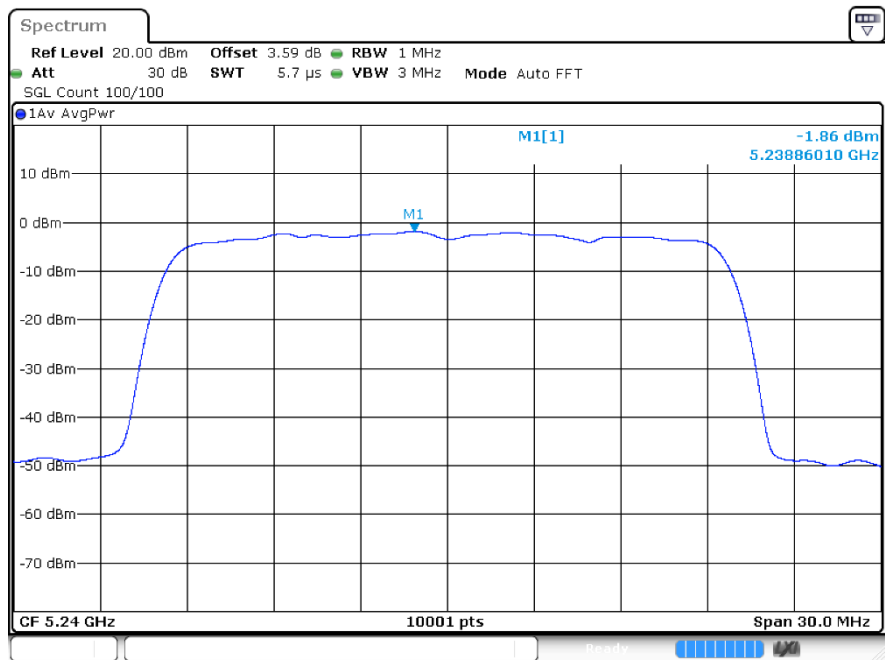
PSD ax20 5180MHz Ant1



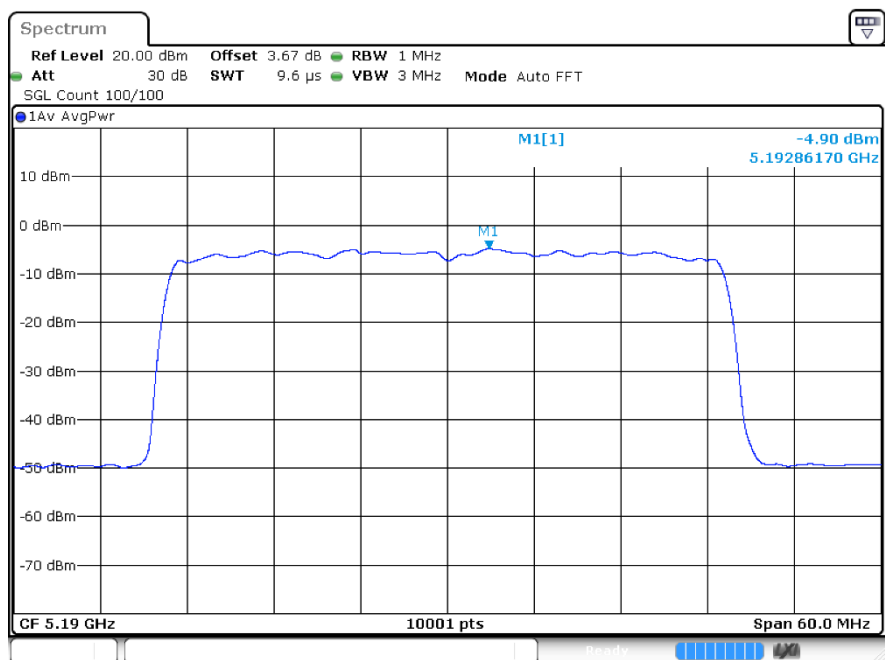
PSD ax20 5200MHz Ant1



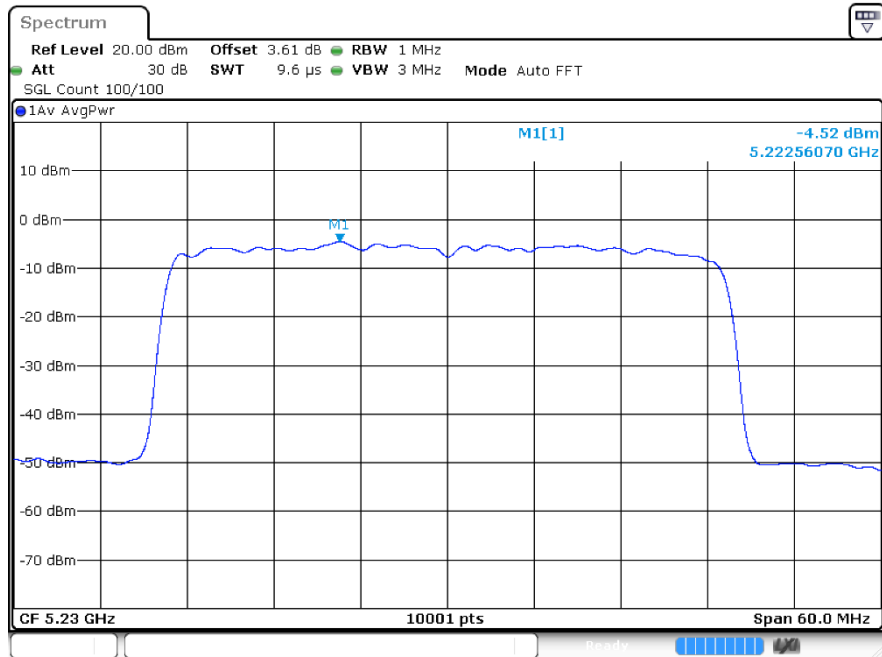
PSD ax20 5240MHz Ant1



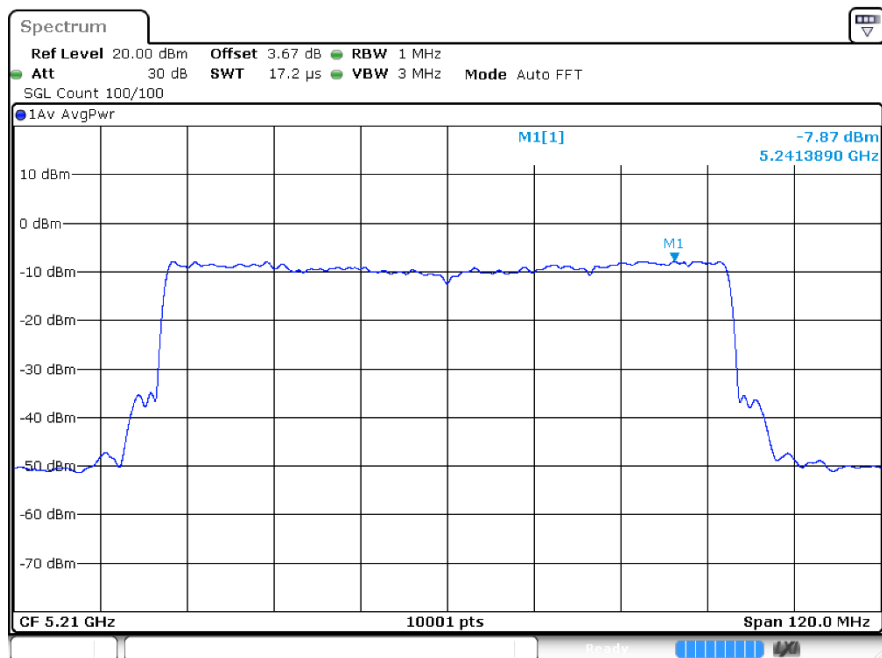
PSD ax40 5190MHz Ant1



PSD ax40 5230MHz Ant1



PSD ax80 5210MHz 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	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 138V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-20C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-10C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
10C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 102V	a	5200	Ant1	5200	0	0	25	Pass
20C 120V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 138V	a	5200	Ant1	5200.02	20000	3.85	25	Pass
-20C 120V	a	5200	Ant1	5200	0	0	25	Pass
-10C 120V	a	5200	Ant1	5200	0	0	25	Pass
0C 120V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
10C 120V	a	5200	Ant1	5200	0	0	25	Pass
30C 120V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
40C 120V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 102V	a	5200	Ant1	5200	0	0	25	Pass
20C 102V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	a	5240	Ant1	5240.02	20000	3.82	25	Pass
-20C 120V	a	5240	Ant1	5240	0	0	25	Pass
-10C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 120V	a	5240	Ant1	5240	0	0	25	Pass
50C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 138V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass



10C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	n20	5180	Ant1	5180	0	0	25	Pass
40C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 138V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-20C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-10C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
10C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40C 120V	n20	5200	Ant1	5200	0	0	25	Pass
50C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 102V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-20C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-10C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
50C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 102V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	n40	5190	Ant1	5190	0	0	25	Pass
20C 138V	n40	5190	Ant1	5190	0	0	25	Pass
-20C 120V	n40	5190	Ant1	5190	0	0	25	Pass
-10C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	n40	5190	Ant1	5190	0	0	25	Pass
10C 120V	n40	5190	Ant1	5190	0	0	25	Pass
30C 120V	n40	5190	Ant1	5190	0	0	25	Pass
40C 120V	n40	5190	Ant1	5190	0	0	25	Pass
50C 120V	n40	5190	Ant1	5190	0	0	25	Pass
20C 102V	n40	5230	Ant1	5230	0	0	25	Pass
20C 120V	n40	5230	Ant1	5230	0	0	25	Pass
20C 138V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-20C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-10C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10C 120V	n40	5230	Ant1	5230	0	0	25	Pass
30C 120V	n40	5230	Ant1	5230	0	0	25	Pass
40C 120V	n40	5230	Ant1	5230	0	0	25	Pass



50C 120V	n40	5230	Ant1	5230	0	0	25	Pass
20C 102V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	ac20	5180	Ant1	5180	0	0	25	Pass
20C 138V	ac20	5180	Ant1	5180	0	0	25	Pass
-20C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 120V	ac20	5180	Ant1	5180	0	0	25	Pass
0C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
10C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	ac20	5180	Ant1	5180	0	0	25	Pass
40C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	ac20	5180	Ant1	5180	0	0	25	Pass
20C 102V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 138V	ac20	5200	Ant1	5200	0	0	25	Pass
-20C 120V	ac20	5200	Ant1	5200	0	0	25	Pass
-10C 120V	ac20	5200	Ant1	5200	0	0	25	Pass
0C 120V	ac20	5200	Ant1	5200	0	0	25	Pass
10C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
50C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 102V	ac20	5240	Ant1	5240	0	0	25	Pass
20C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
20C 138V	ac20	5240	Ant1	5240	0	0	25	Pass
-20C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
-10C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
0C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
10C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
40C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
20C 102V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-20C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
-10C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
10C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
30C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 102V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	ac40	5230	Ant1	5230	0	0	25	Pass



20C 138V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-20C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-10C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
10C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
30C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
50C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 102V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 138V	ac80	5210	Ant1	5210	0	0	25	Pass
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10C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
30C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
40C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
50C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 102V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 138V	ax20	5180	Ant1	5180	0	0	25	Pass
-20C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
10C 120V	ax20	5180	Ant1	5180	0	0	25	Pass
30C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
40C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 120V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 138V	ax20	5200	Ant1	5200	0	0	25	Pass
-20C 120V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-10C 120V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0C 120V	ax20	5200	Ant1	5200	0	0	25	Pass
10C 120V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 120V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
40C 120V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
50C 120V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 102V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	ax20	5240	Ant1	5240	0	0	25	Pass
-20C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-10C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass



0C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 120V	ax20	5240	Ant1	5240	0	0	25	Pass
20C 102V	ax40	5190	Ant1	5190	0	0	25	Pass
20C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
20C 138V	ax40	5190	Ant1	5190	0	0	25	Pass
-20C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-10C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
0C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
30C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
40C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
50C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
20C 102V	ax40	5230	Ant1	5230	0	0	25	Pass
20C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
20C 138V	ax40	5230	Ant1	5230	0	0	25	Pass
-20C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
-10C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
0C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
10C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
30C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
40C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
50C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
20C 102V	ax80	5210	Ant1	5210	0	0	25	Pass
20C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
20C 138V	ax80	5210	Ant1	5210	0	0	25	Pass
-20C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
-10C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
0C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
10C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
30C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
40C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
50C 120V	ax80	5210	Ant1	5210	0	0	25	Pass



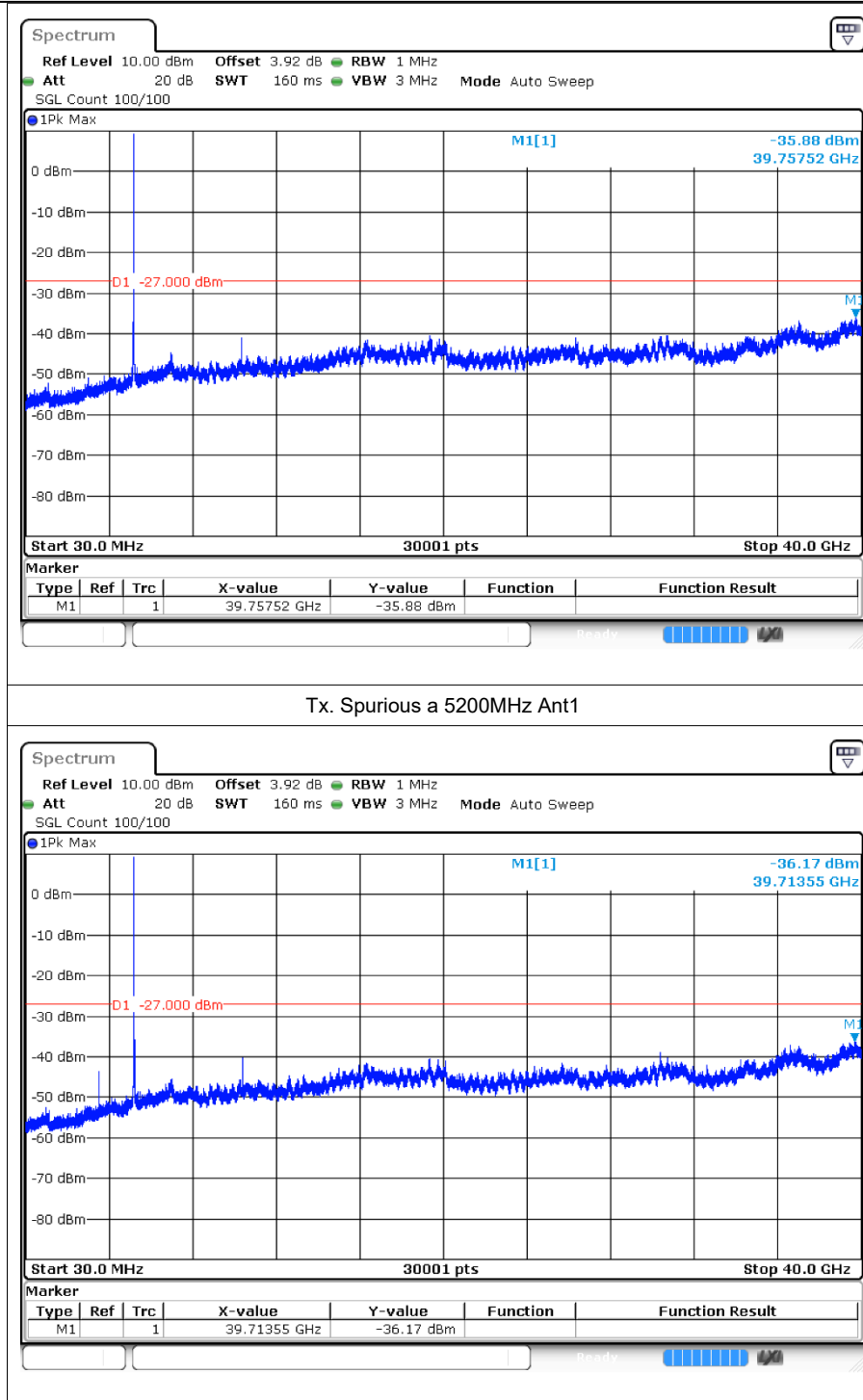
7 Conducted RF Spurious Emission

7.1 Test Result

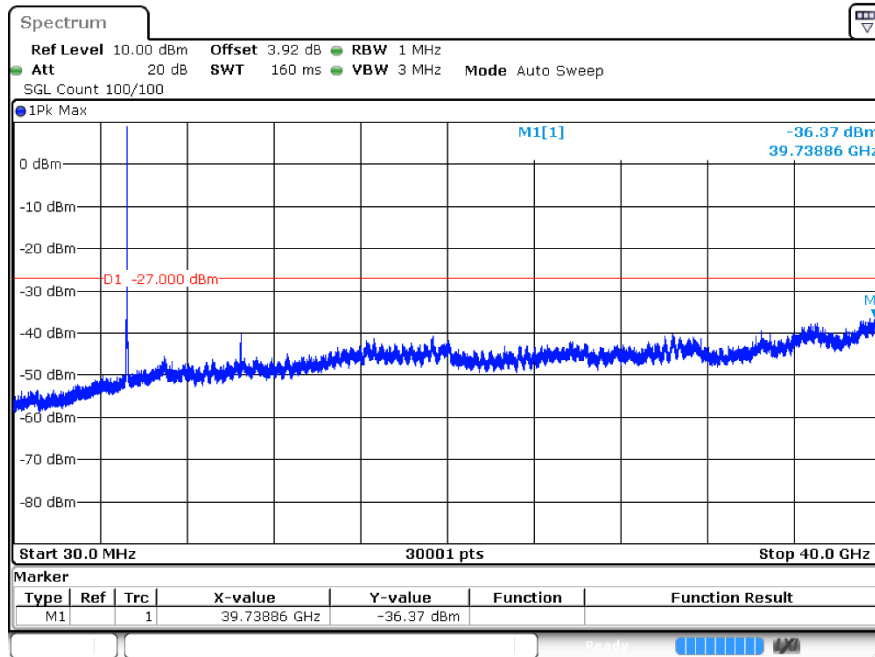
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
a	5180	Ant1	-35.87	-27	Pass
a	5200	Ant1	-36.17	-27	Pass
a	5240	Ant1	-36.36	-27	Pass
n20	5180	Ant1	-36.63	-27	Pass
n20	5200	Ant1	-36.25	-27	Pass
n20	5240	Ant1	-36.21	-27	Pass
n40	5190	Ant1	-36.11	-27	Pass
n40	5230	Ant1	-35.82	-27	Pass
ac20	5180	Ant1	-36.08	-27	Pass
ac20	5200	Ant1	-36.02	-27	Pass
ac20	5240	Ant1	-36.04	-27	Pass
ac40	5190	Ant1	-35.83	-27	Pass
ac40	5230	Ant1	-35.73	-27	Pass
ac80	5210	Ant1	-34.83	-27	Pass
ax20	5180	Ant1	-35.84	-27	Pass
ax20	5200	Ant1	-36.85	-27	Pass
ax20	5240	Ant1	-36.4	-27	Pass
ax40	5190	Ant1	-36.49	-27	Pass
ax40	5230	Ant1	-36.66	-27	Pass
ax80	5210	Ant1	-35.69	-27	Pass

7.2 Test Graphs

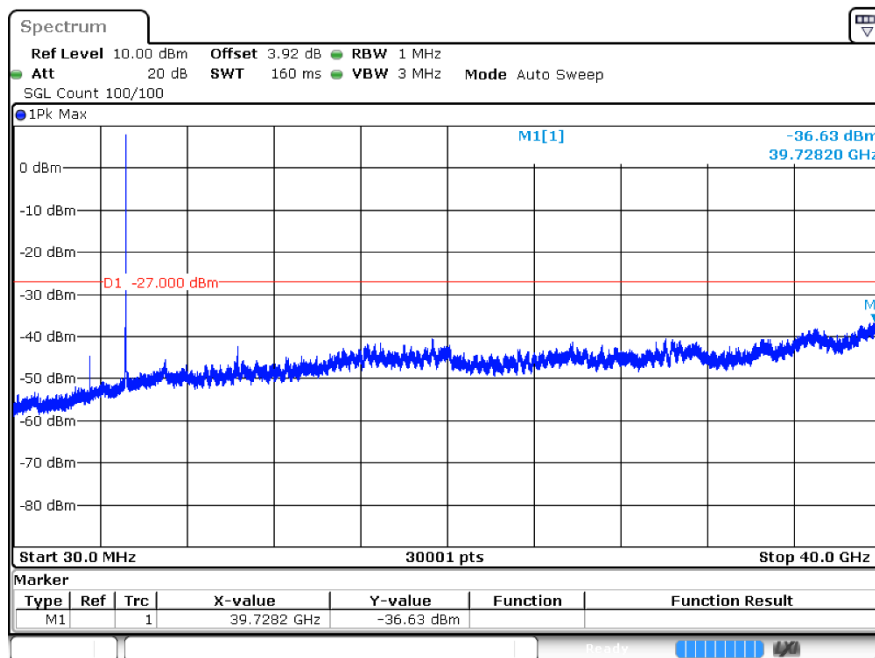
Test Graphs
Tx. Spurious a 5180MHz Ant1



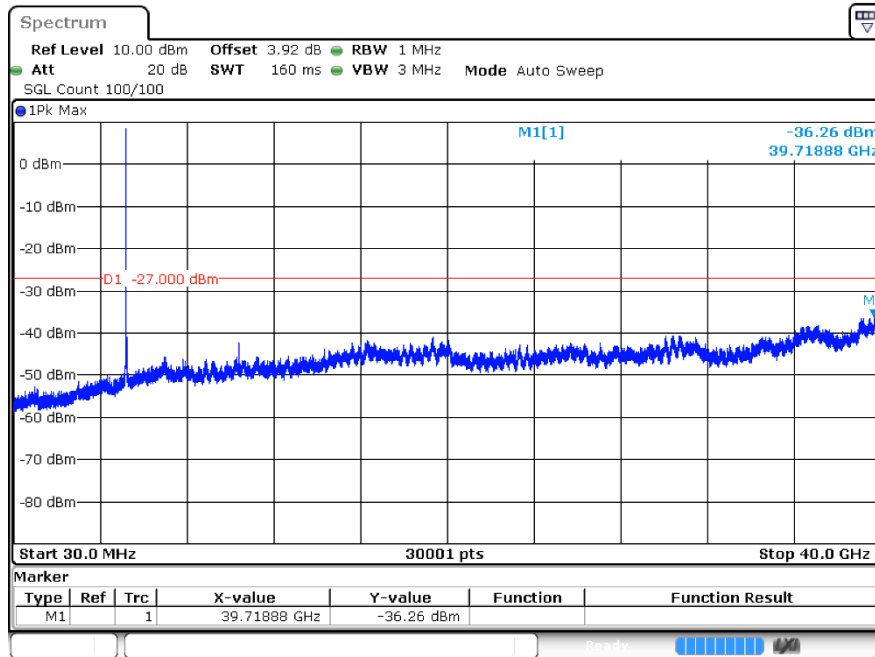
Tx. Spurious a 5240MHz Ant1



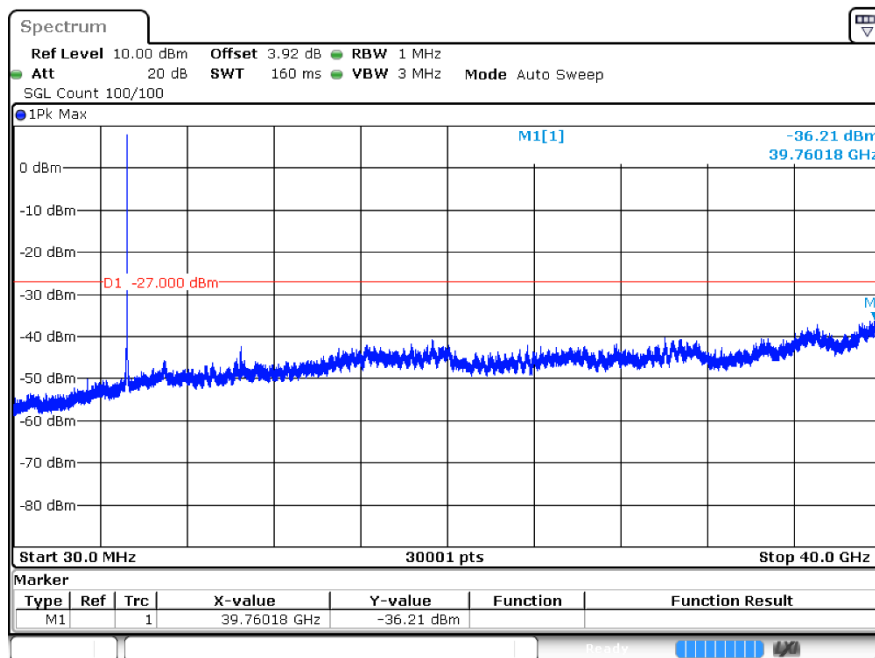
Tx. Spurious n20 5180MHz Ant1



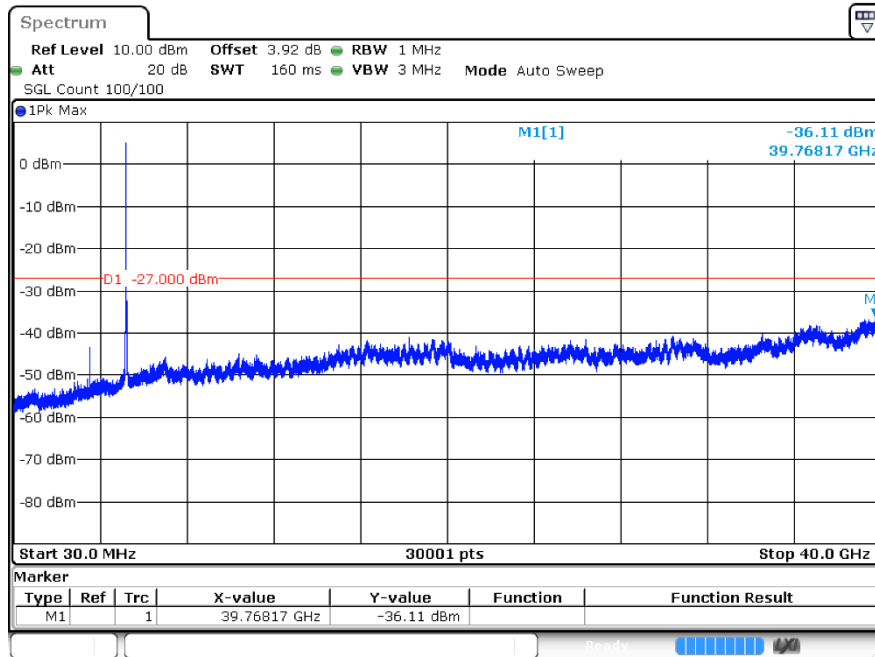
Tx. Spurious n20 5200MHz Ant1



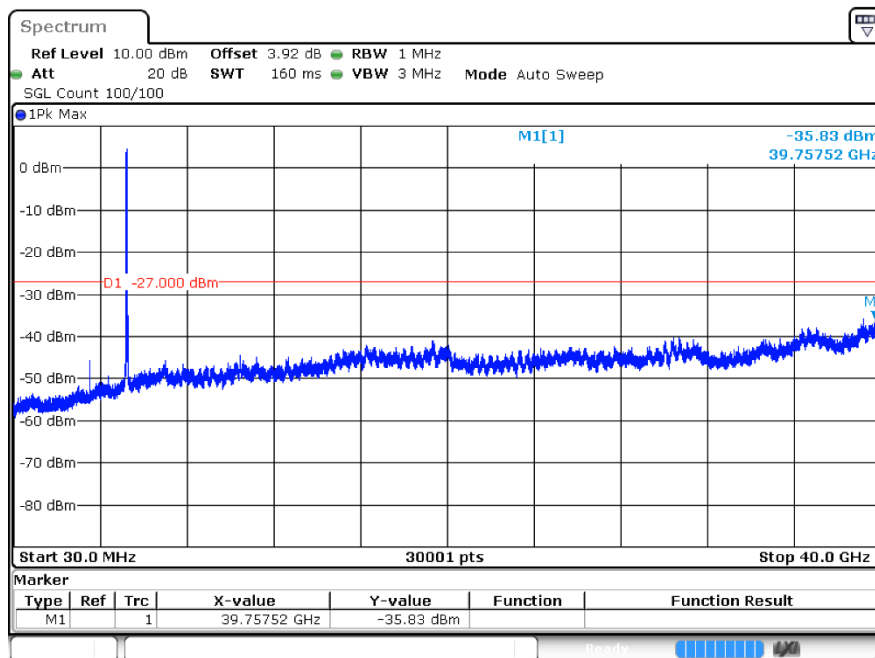
Tx. Spurious n20 5240MHz Ant1



Tx. Spurious n40 5190MHz Ant1

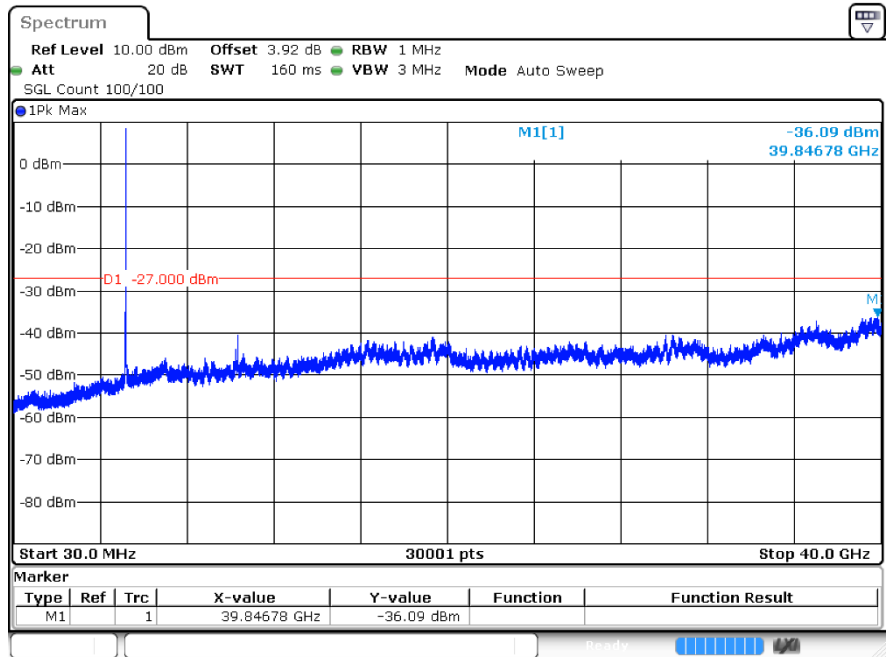


Tx. Spurious n40 5230MHz Ant1

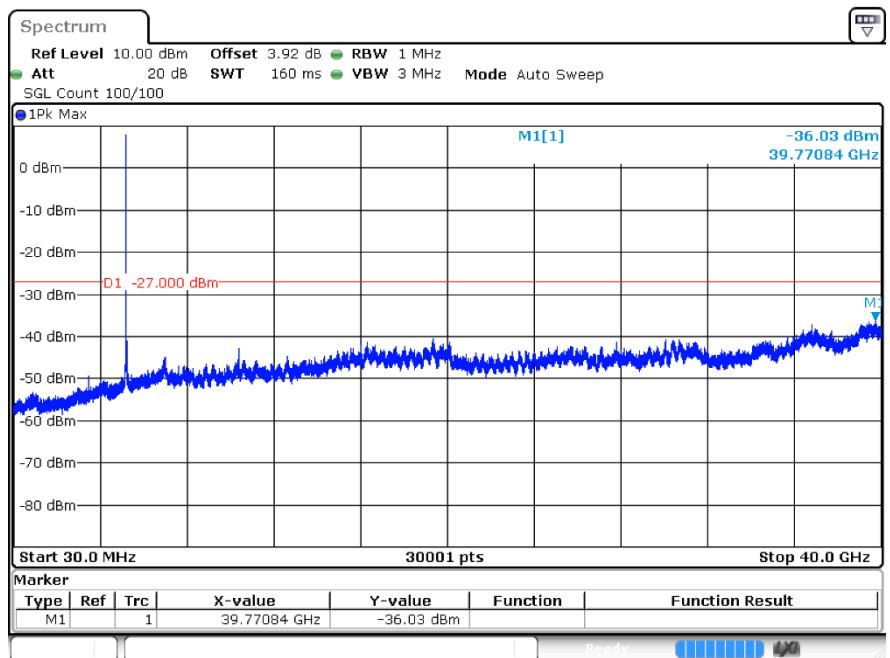




Tx. Spurious ac20 5180MHz Ant1

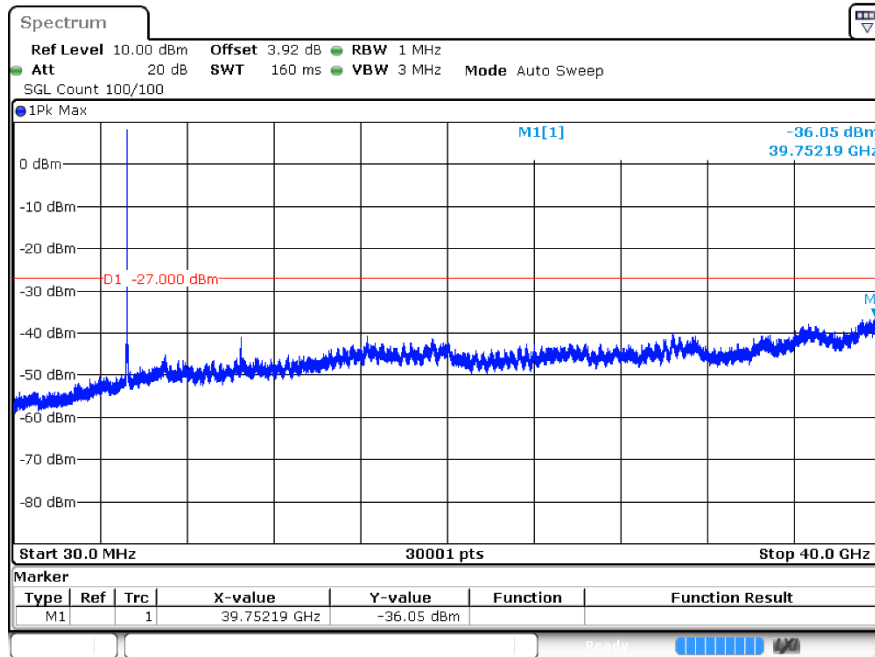


Tx. Spurious ac20 5200MHz Ant1

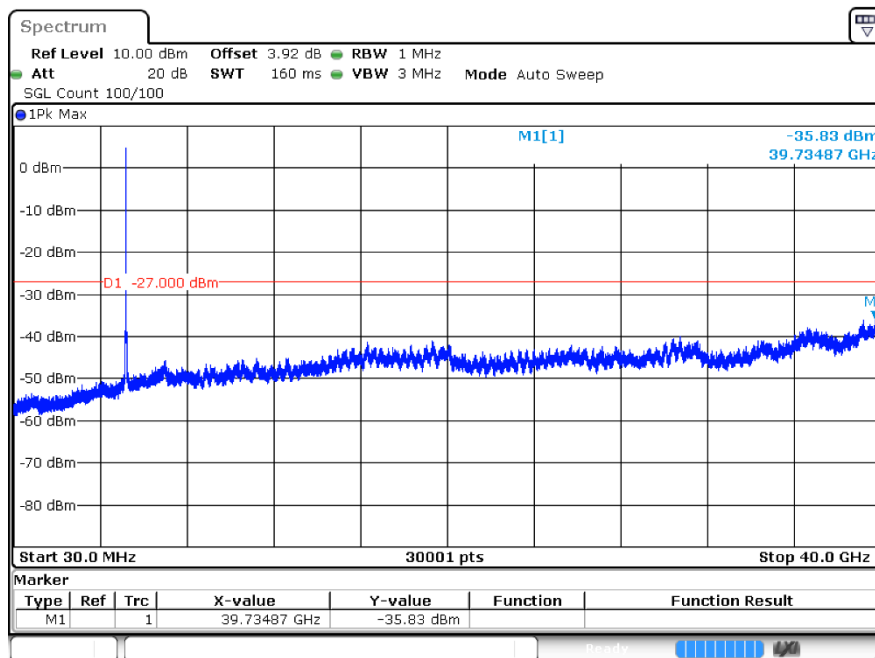




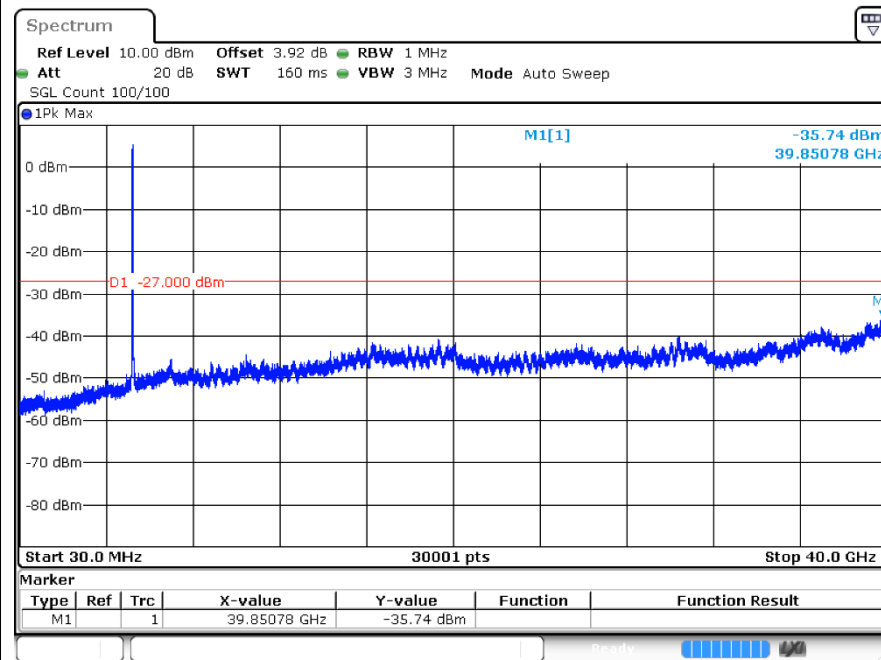
Tx. Spurious ac20 5240MHz Ant1



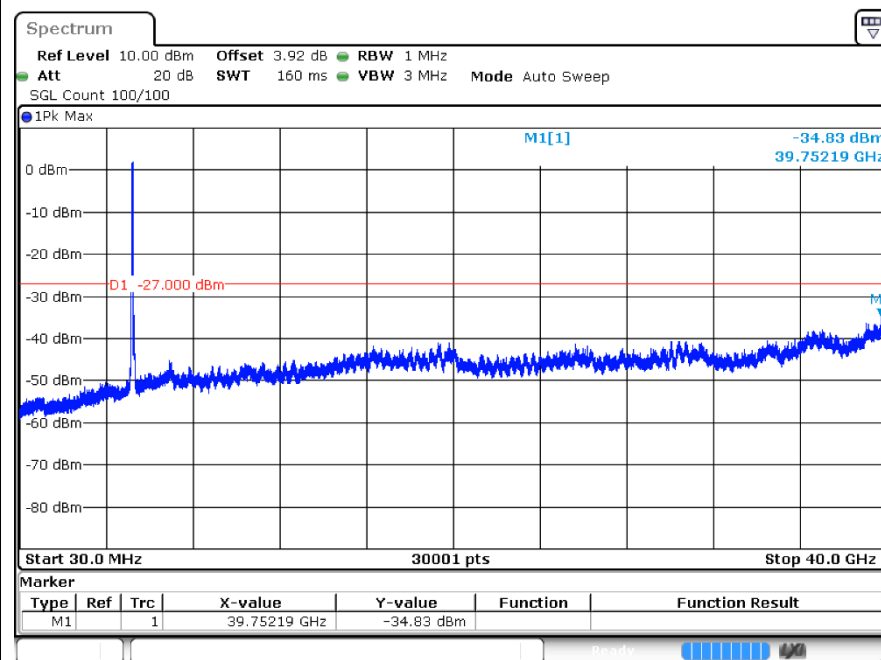
Tx. Spurious ac40 5190MHz Ant1



Tx. Spurious ac40 5230MHz Ant1

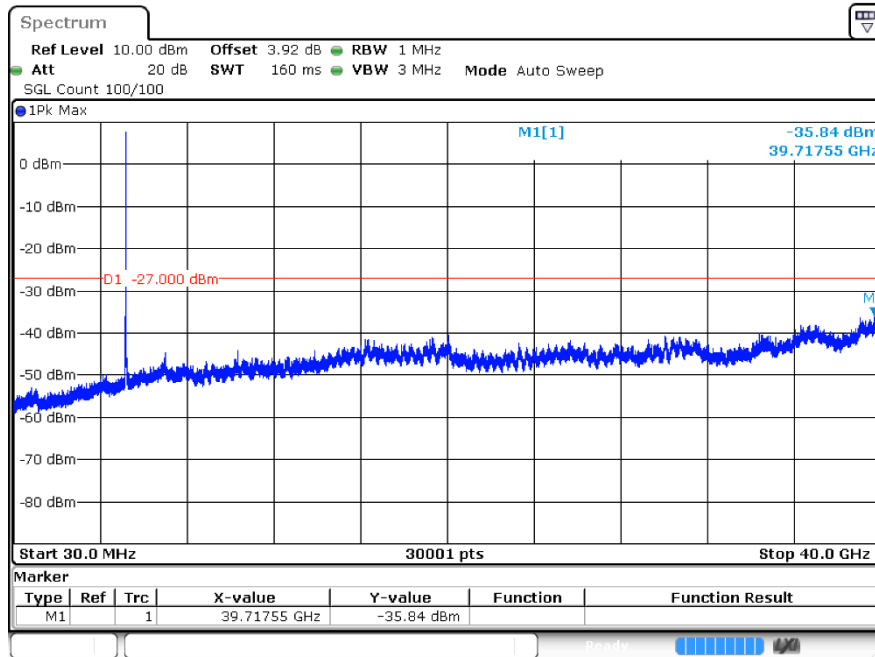


Tx. Spurious ac80 5210MHz Ant1

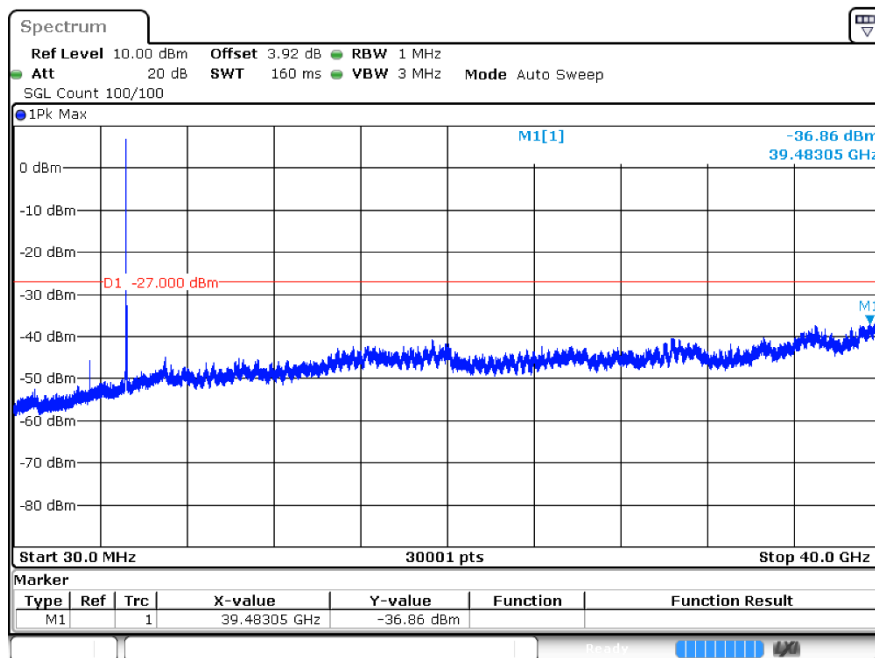




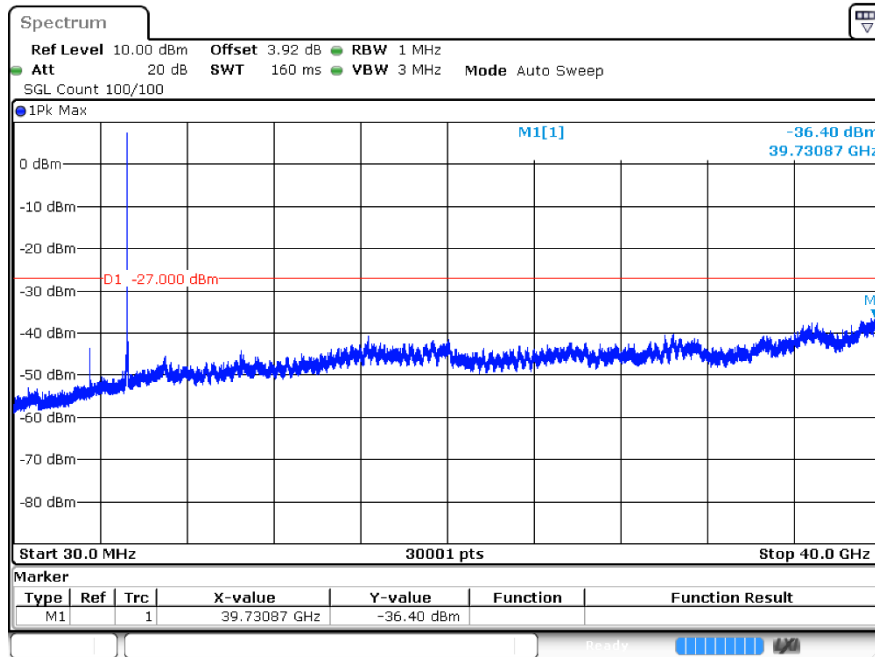
Tx. Spurious ax20 5180MHz Ant1



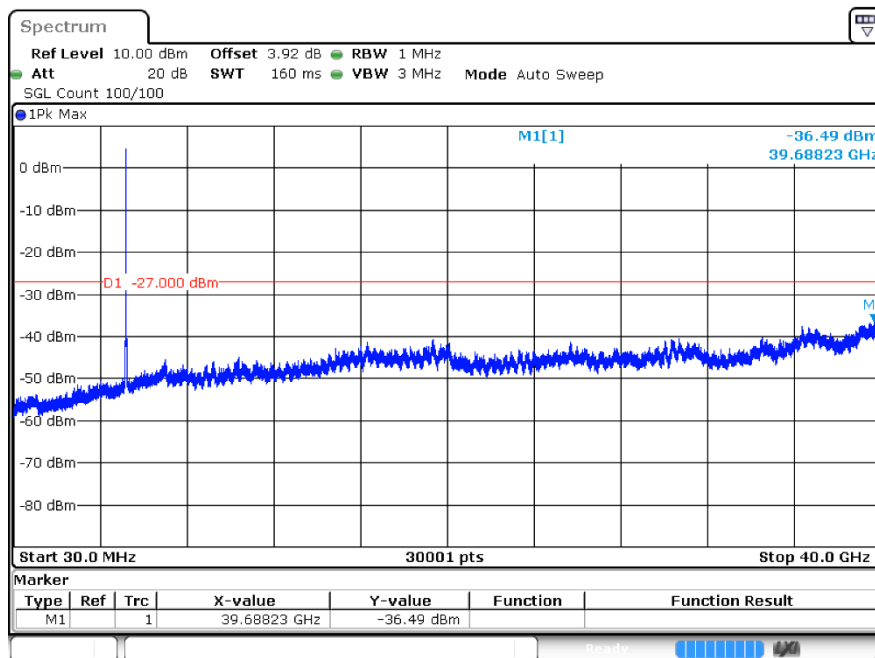
Tx. Spurious ax20 5200MHz Ant1



Tx. Spurious ax20 5240MHz Ant1

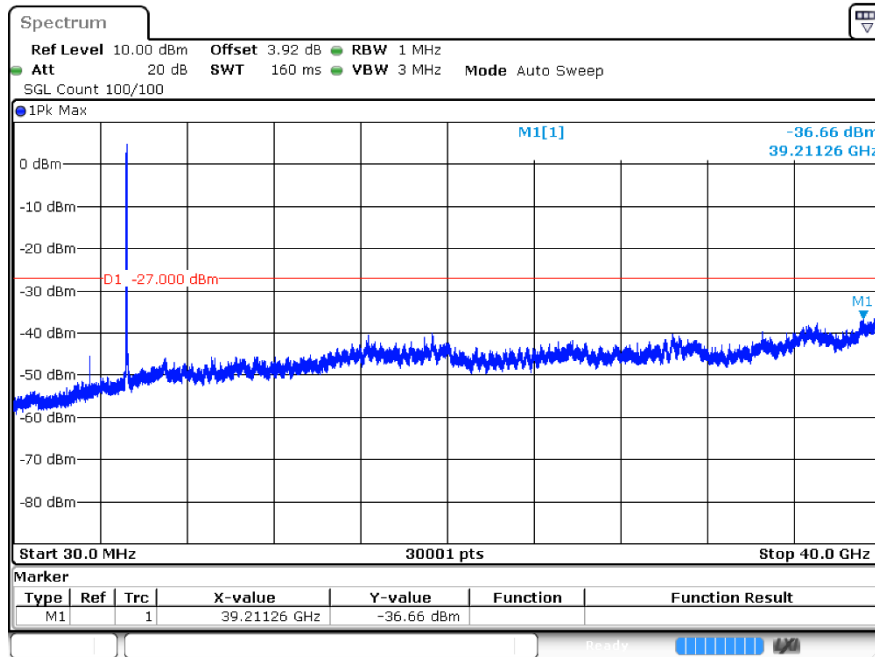


Tx. Spurious ax40 5190MHz Ant1

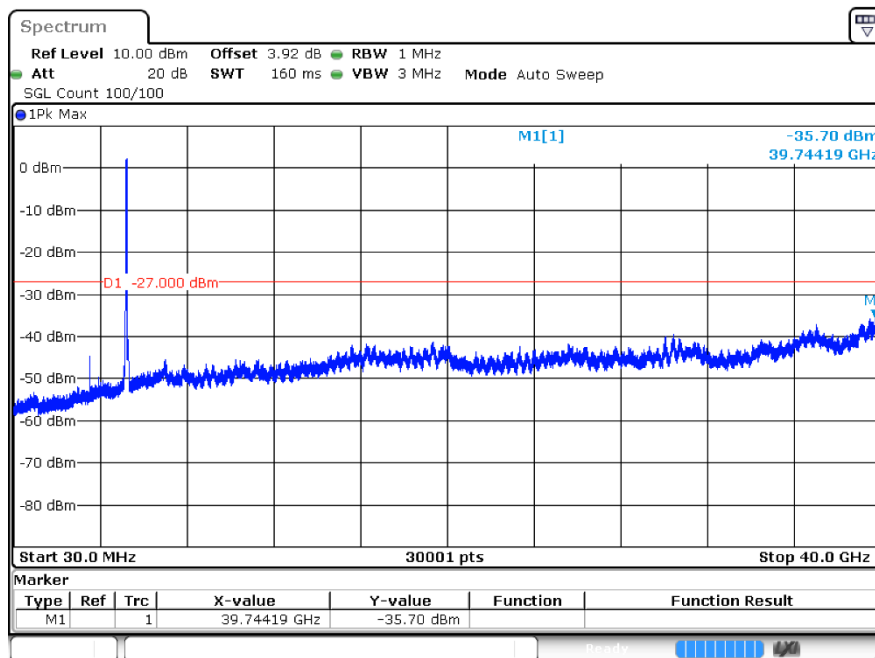




Tx. Spurious ax40 5230MHz Ant1



Tx. Spurious ax80 5210MHz Ant1



---The End---