



Appendix D

RF Test Data for 5GHz WIFI _B1(Conducted Measurement)

Product Name:Tablet PC

Trade Mark:Blackview

Test Model:Tab 50 WiFi

Environmental Conditions

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



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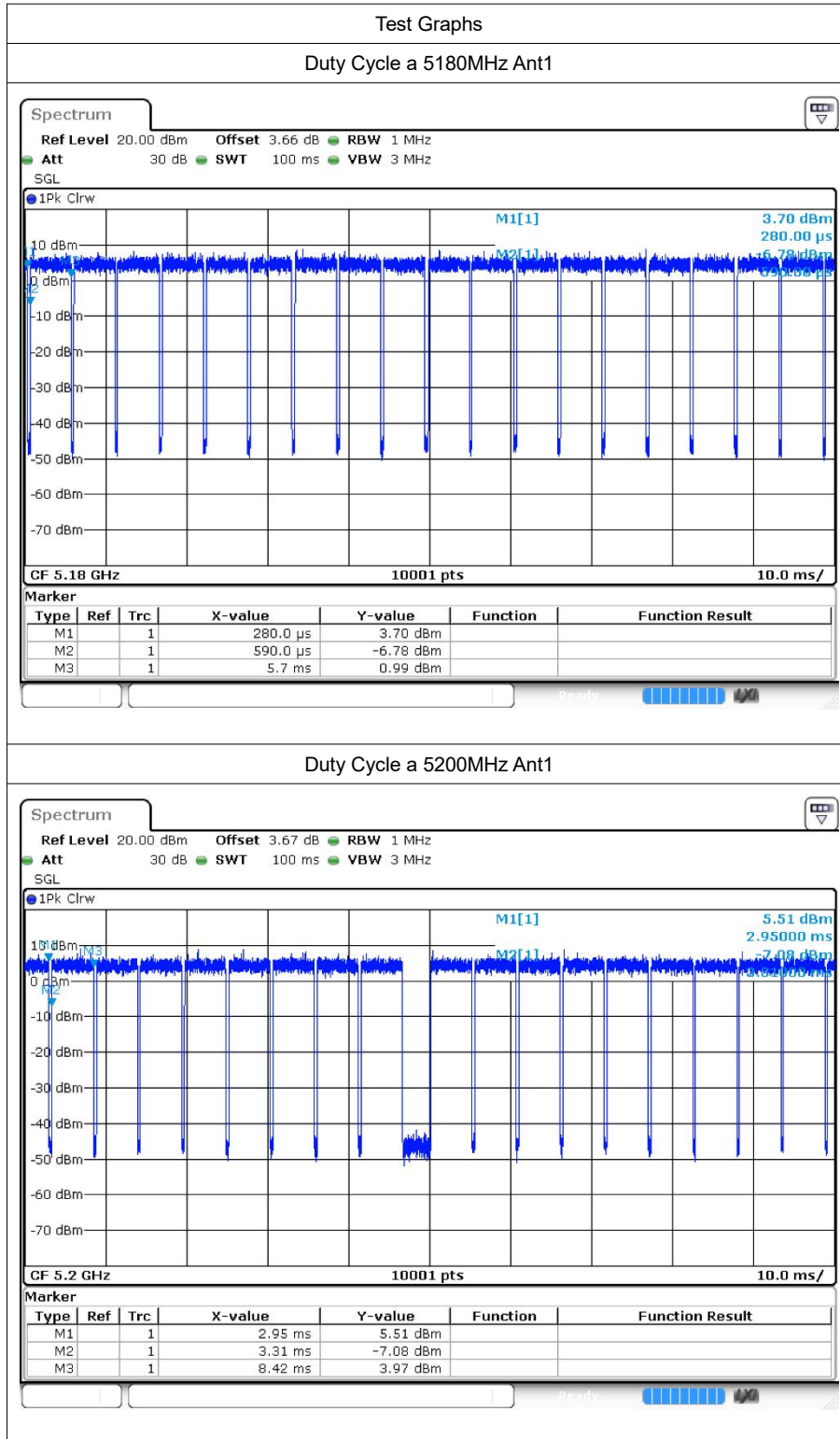


1 Duty Cycle

1.1 Test Result

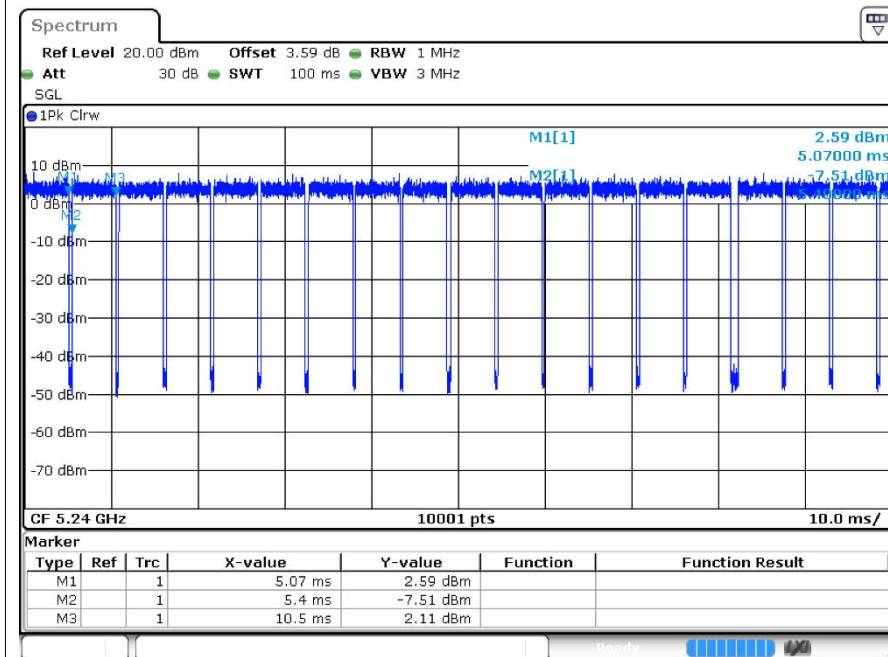
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5180	Ant1	93.55	0.29	0.2
a	5200	Ant1	90.81	0.42	0.2
a	5240	Ant1	93.48	0.29	0.2
n20	5180	Ant1	89.31	0.49	0.21
n20	5200	Ant1	93.35	0.3	0.21
n20	5240	Ant1	92.69	0.33	0.21
n40	5190	Ant1	89.97	0.46	0.22
n40	5230	Ant1	82.58	0.83	0.22
ac20	5180	Ant1	90.2	0.45	0.21
ac20	5200	Ant1	93.06	0.31	0.21
ac20	5240	Ant1	92.74	0.33	0.21
ac40	5190	Ant1	84.11	0.75	0.22
ac40	5230	Ant1	85.65	0.67	0.22
ac80	5210	Ant1	70.33	1.53	0.19
ax20	5180	Ant1	91.79	0.37	0.28
ax20	5200	Ant1	86.85	0.61	0.28
ax20	5240	Ant1	80.76	0.93	0.21
ax40	5190	Ant1	94.47	0.25	0.19
ax40	5230	Ant1	80.37	0.95	0.24
ax80	5210	Ant1	89.55	0.48	0.22

1.2 Test Graphs

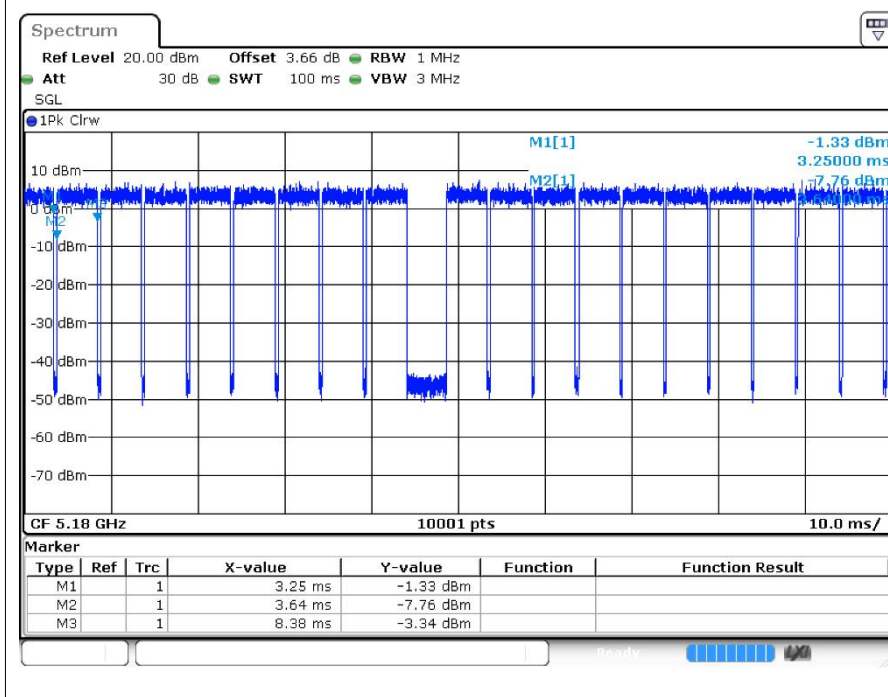




Duty Cycle a 5240MHz Ant1

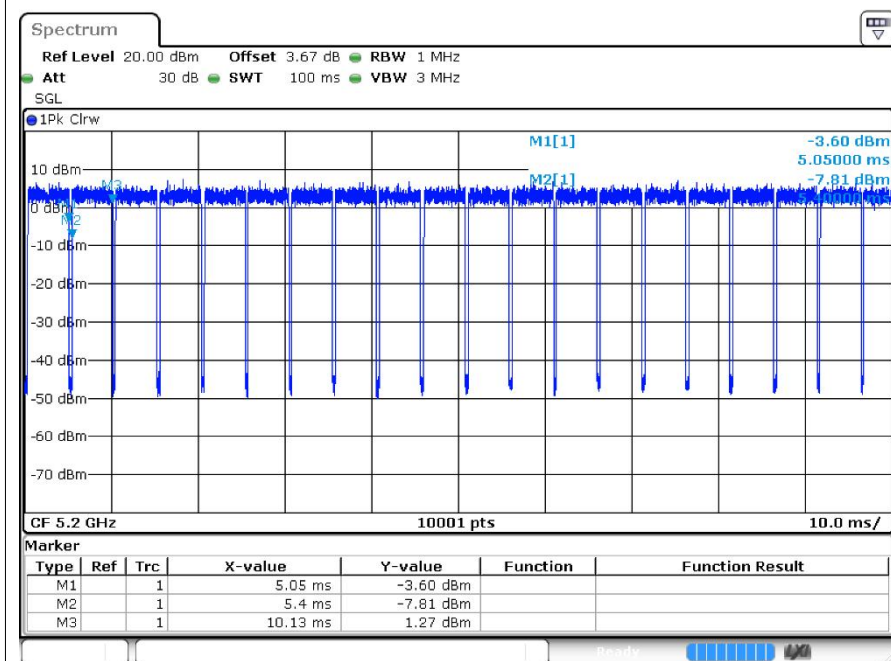


Duty Cycle n20 5180MHz Ant1

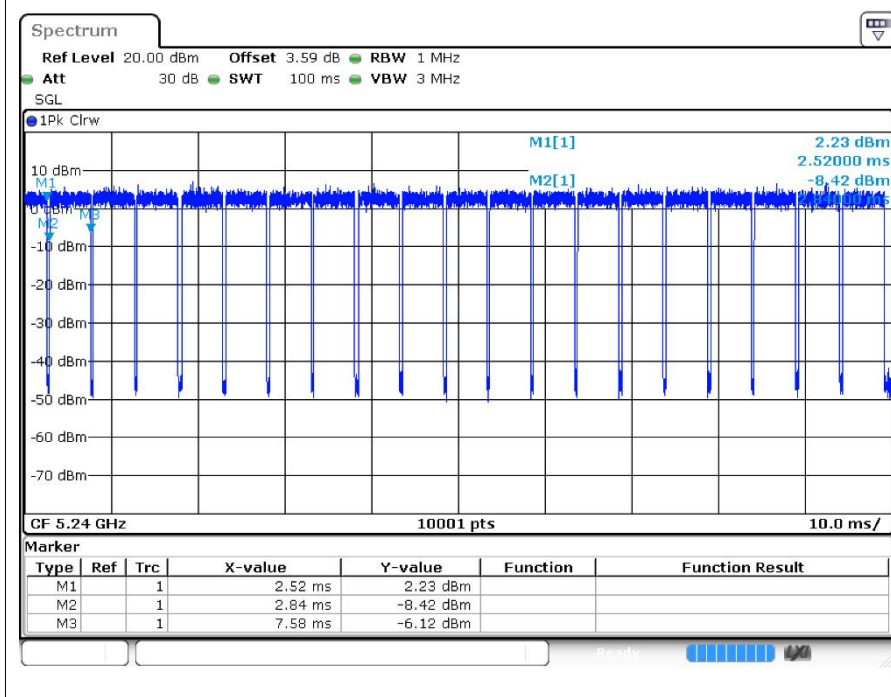


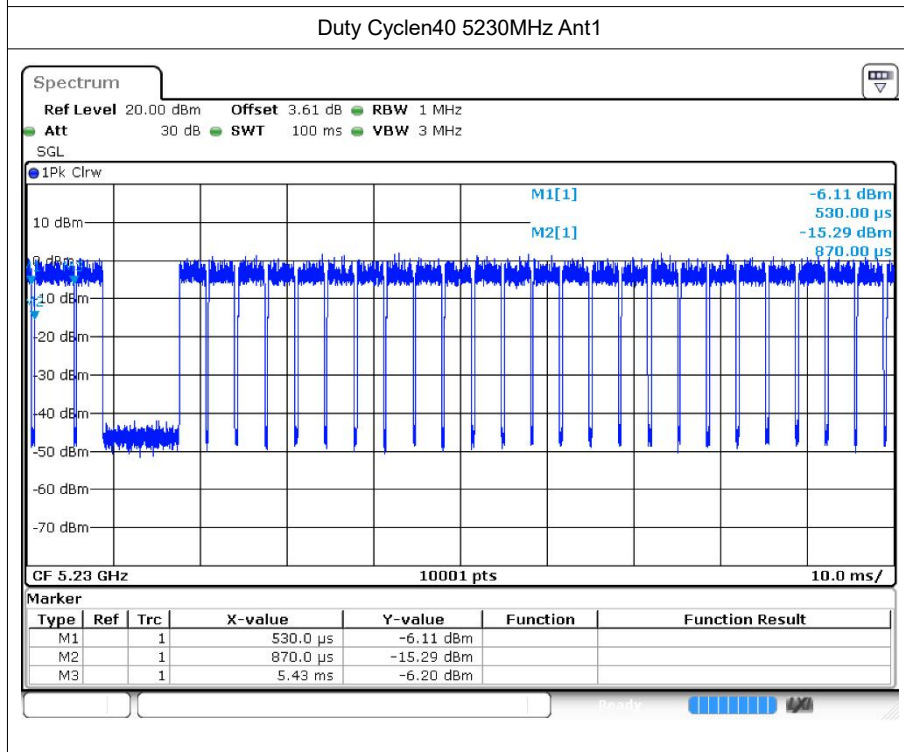
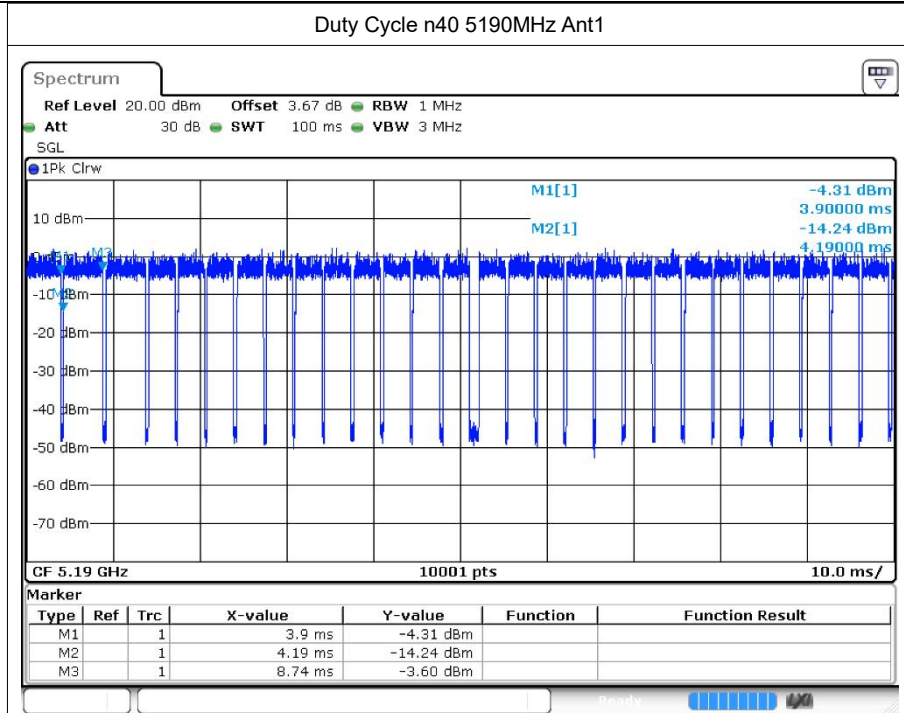


Duty Cycle a n20 5200MHz Ant1



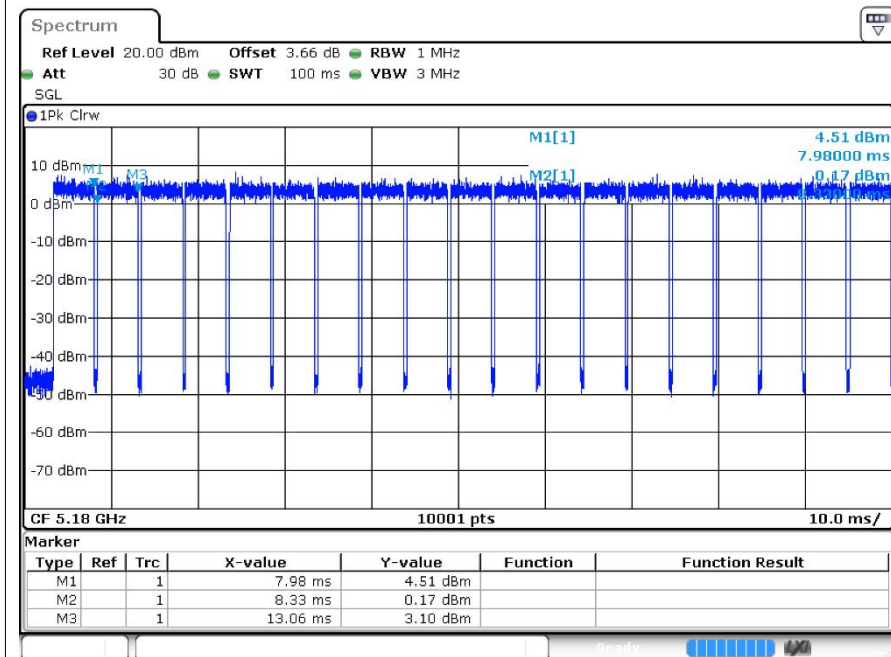
Duty Cycle n20 5240MHz Ant1



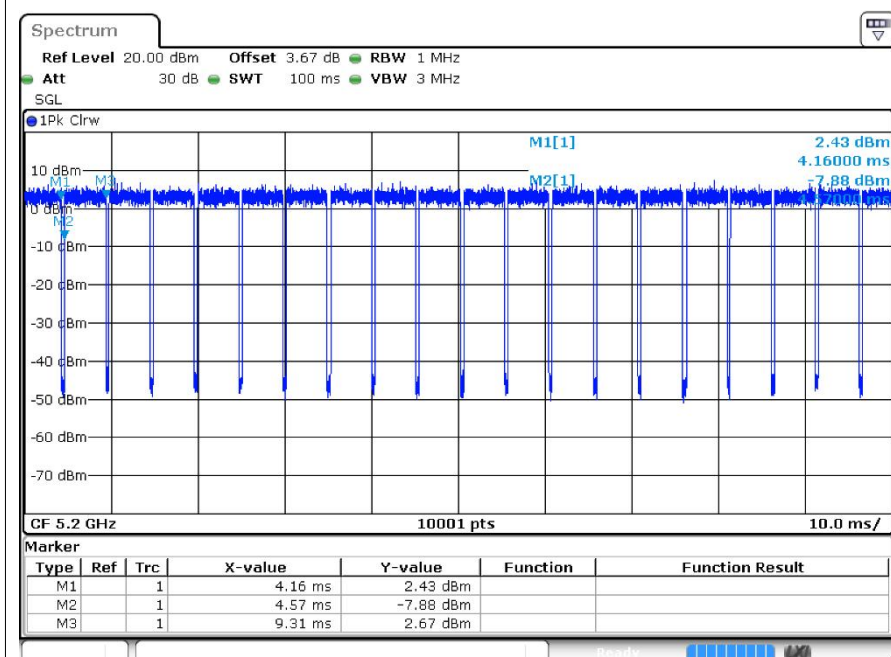




Duty Cycle ac20 5180MHz Ant1

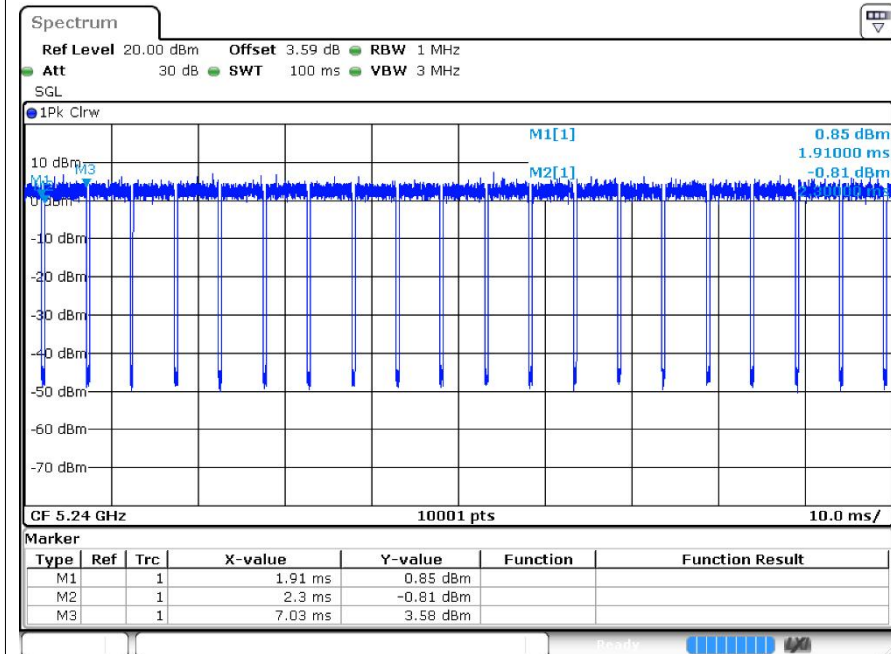


Duty Cycle ac20 5200MHz Ant1

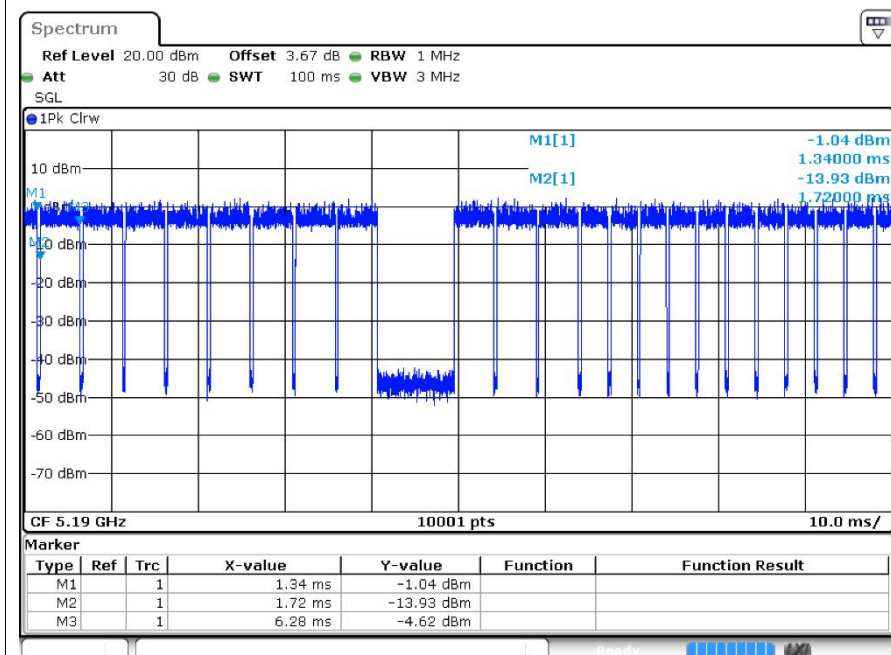


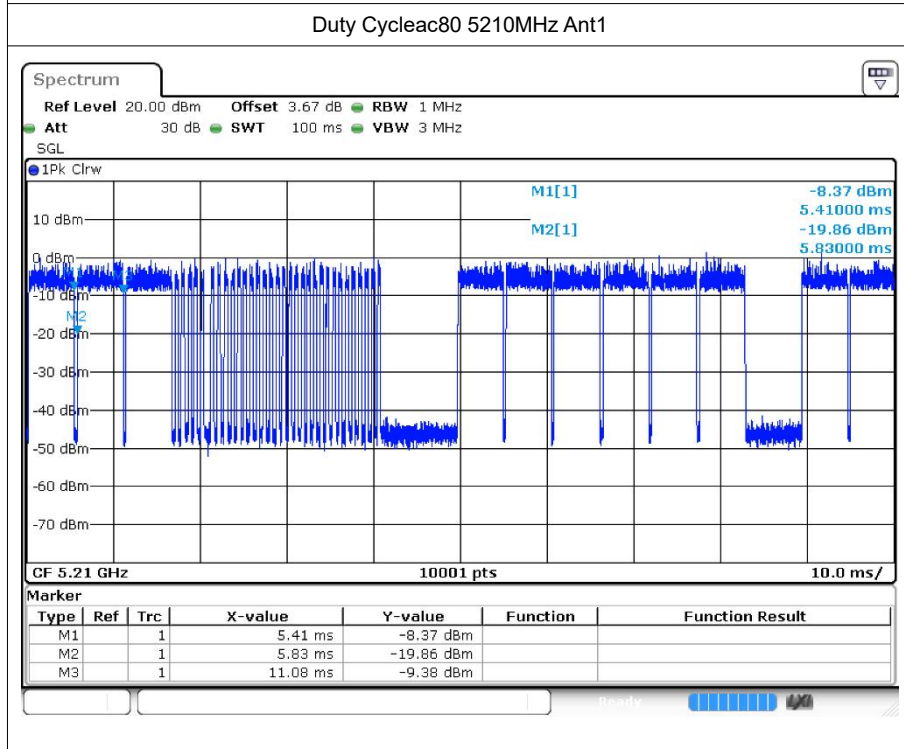
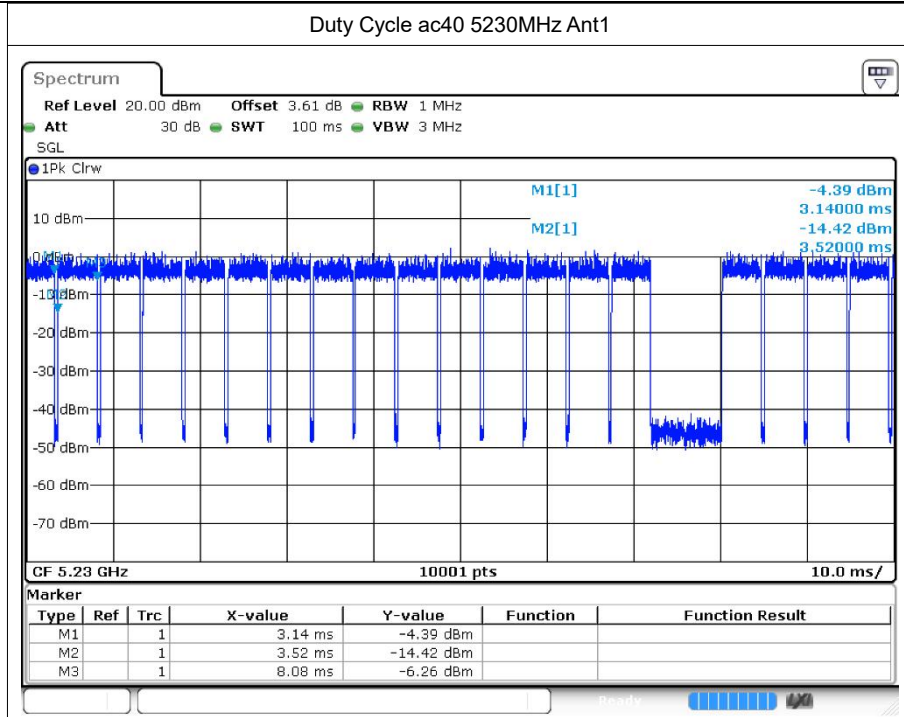


Duty Cycle ac20 5240MHz Ant1



Duty Cycleac40 5190MHz Ant1



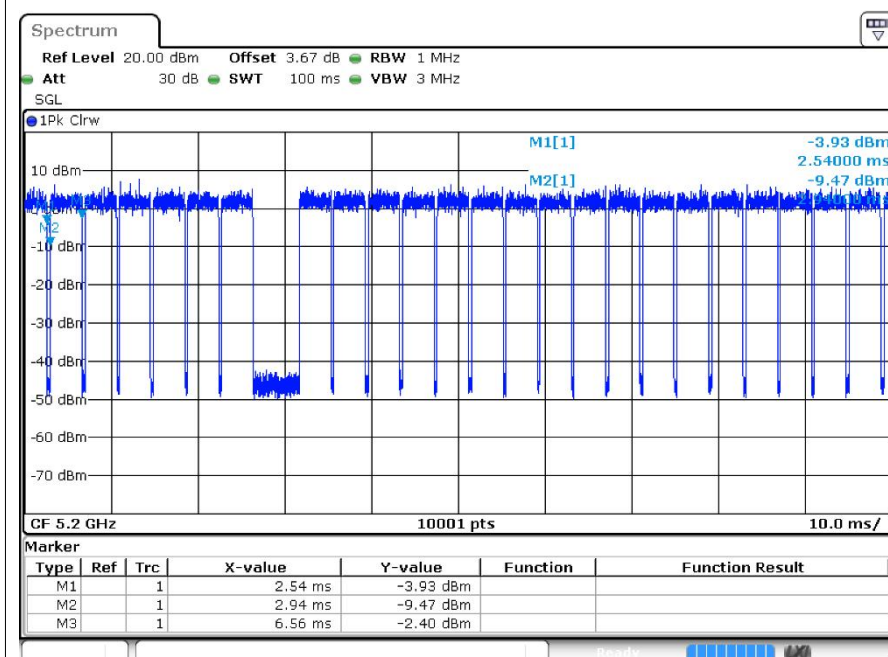


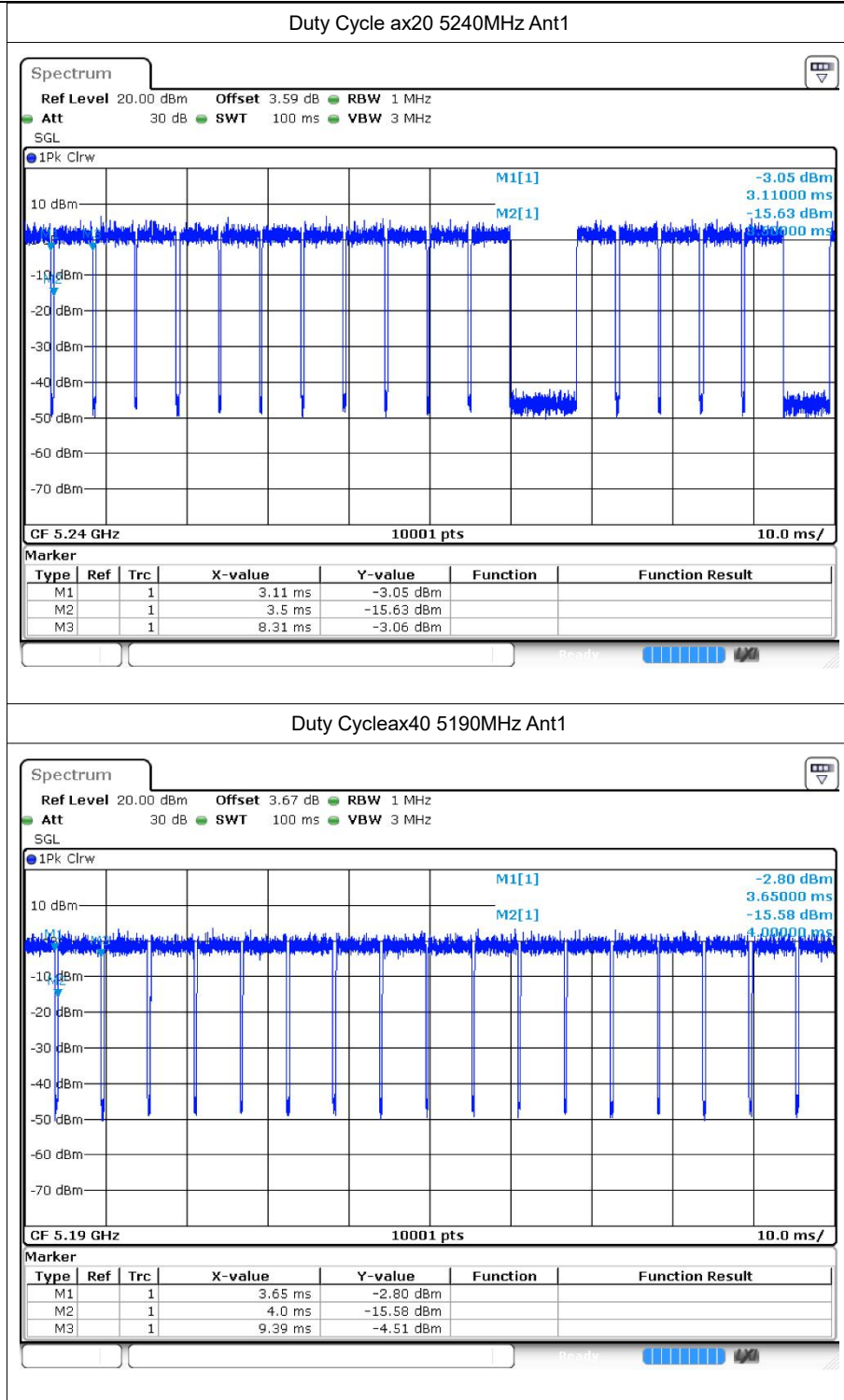


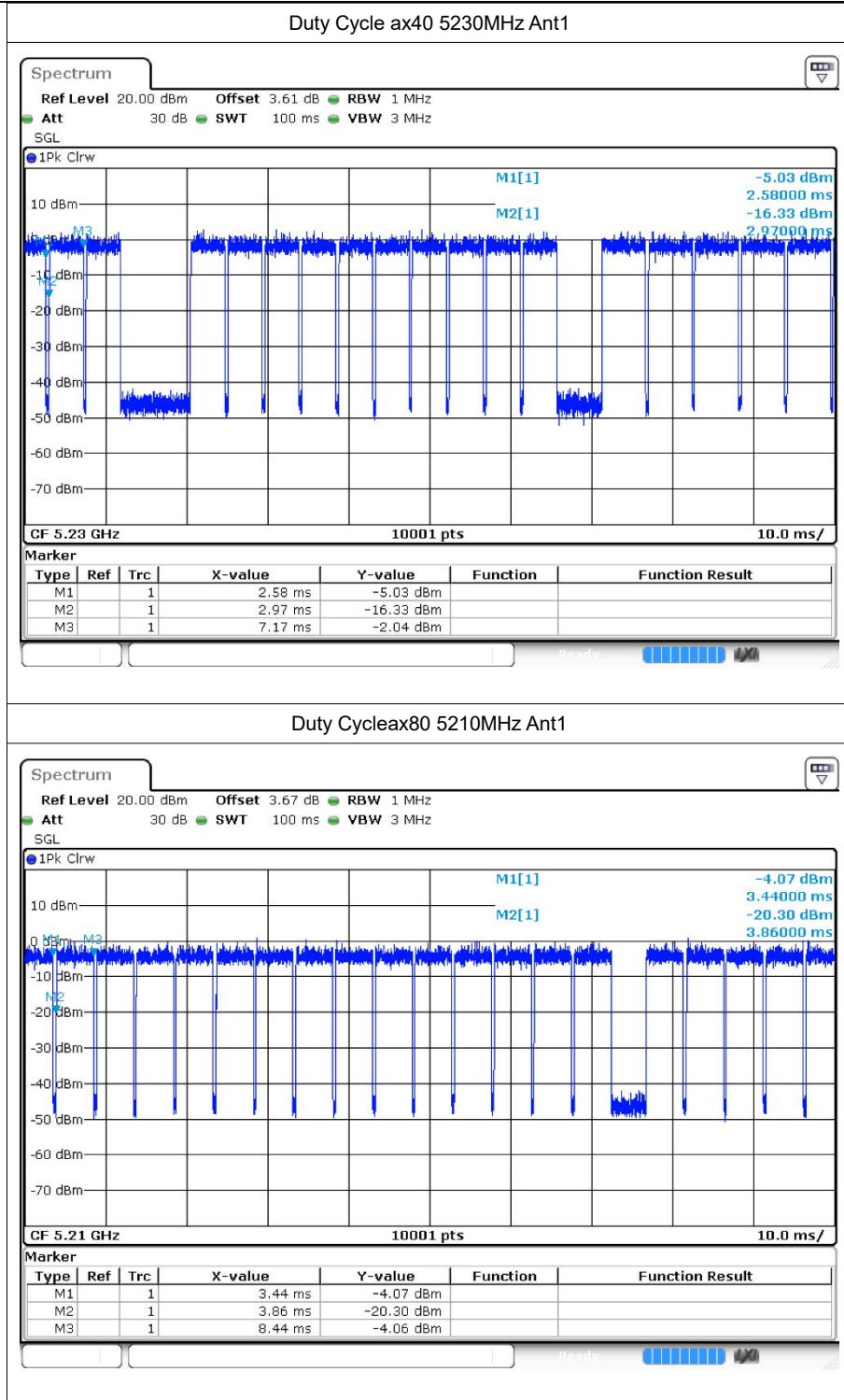
Duty Cycle ax20 5180MHz Ant1



Duty Cycle ax20 5200MHz Ant1







2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	15.21	24	Pass
a	5200	Ant1	14.97	24	Pass
a	5240	Ant1	14.34	24	Pass
n20	5180	Ant1	14.42	24	Pass
n20	5200	Ant1	13.96	24	Pass
n20	5240	Ant1	13.53	24	Pass
n40	5190	Ant1	14.57	24	Pass
n40	5230	Ant1	14.07	24	Pass
ac20	5180	Ant1	14.42	24	Pass
ac20	5200	Ant1	13.97	24	Pass
ac20	5240	Ant1	13.55	24	Pass
ac40	5190	Ant1	14.68	24	Pass
ac40	5230	Ant1	14.22	24	Pass
ac80	5210	Ant1	14.09	24	Pass
ax20	5180	Ant1	14.1	24	Pass
ax20	5200	Ant1	13.71	24	Pass
ax20	5240	Ant1	13.31	24	Pass
ax40	5190	Ant1	14.15	24	Pass
ax40	5230	Ant1	13.81	24	Pass
ax80	5210	Ant1	14.04	24	Pass

Note: The duty factor has been compensated into the result



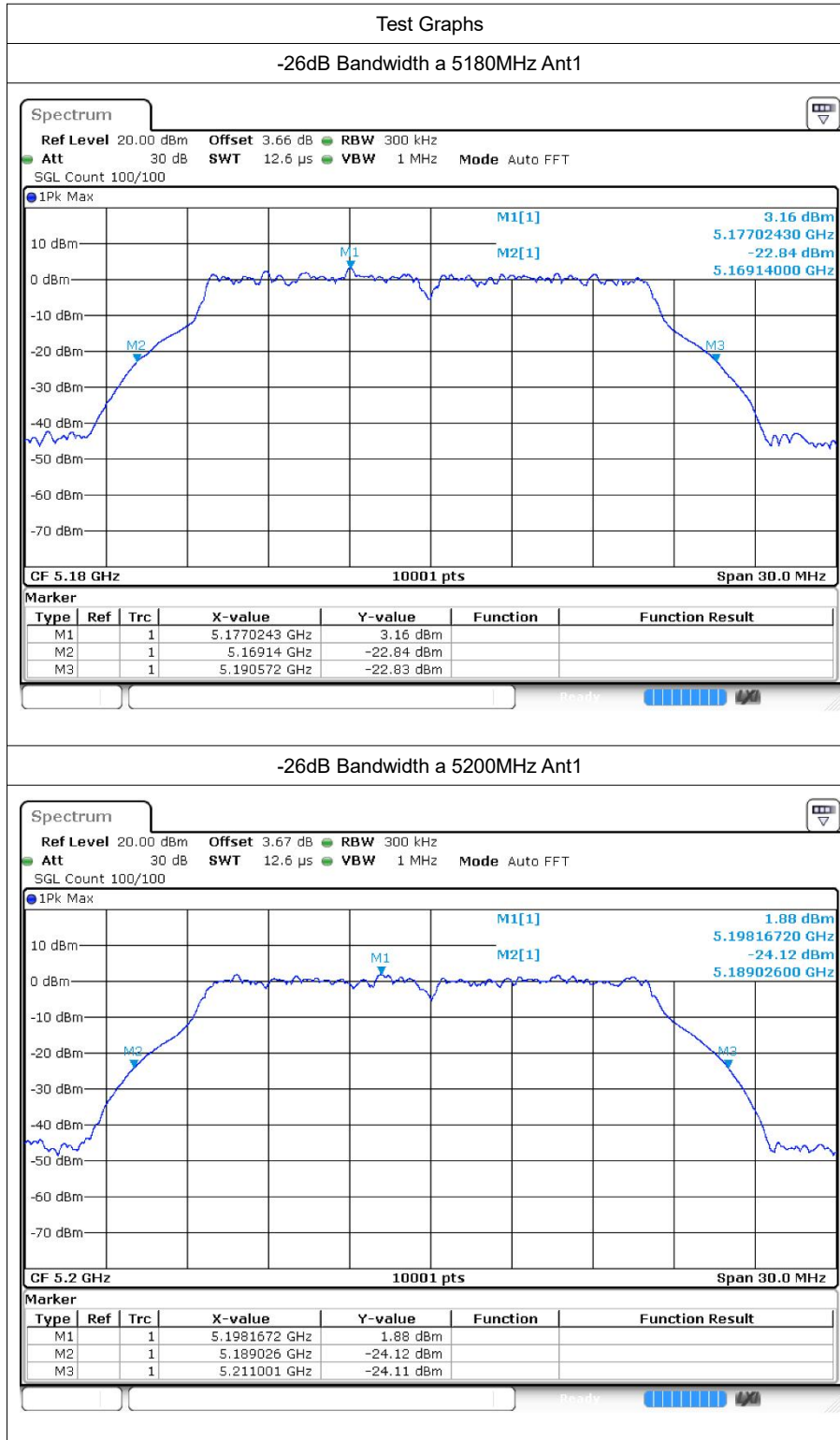
3 -26dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	21.432	0.5	Pass
a	5200	Ant1	21.975	0.5	Pass
a	5240	Ant1	21.909	0.5	Pass
n20	5180	Ant1	22.089	0.5	Pass
n20	5200	Ant1	21.87	0.5	Pass
n20	5240	Ant1	22.083	0.5	Pass
n40	5190	Ant1	40.29	0.5	Pass
n40	5230	Ant1	39.948	0.5	Pass
ac20	5180	Ant1	21.723	0.5	Pass
ac20	5200	Ant1	21.381	0.5	Pass
ac20	5240	Ant1	22.077	0.5	Pass
ac40	5190	Ant1	40.062	0.5	Pass
ac40	5230	Ant1	40.296	0.5	Pass
ac80	5210	Ant1	79.152	0.5	Pass
ax20	5180	Ant1	22.29	0.5	Pass
ax20	5200	Ant1	22.005	0.5	Pass
ax20	5240	Ant1	21.708	0.5	Pass
ax40	5190	Ant1	39.786	0.5	Pass
ax40	5230	Ant1	40.308	0.5	Pass
ax80	5210	Ant1	80.4	0.5	Pass

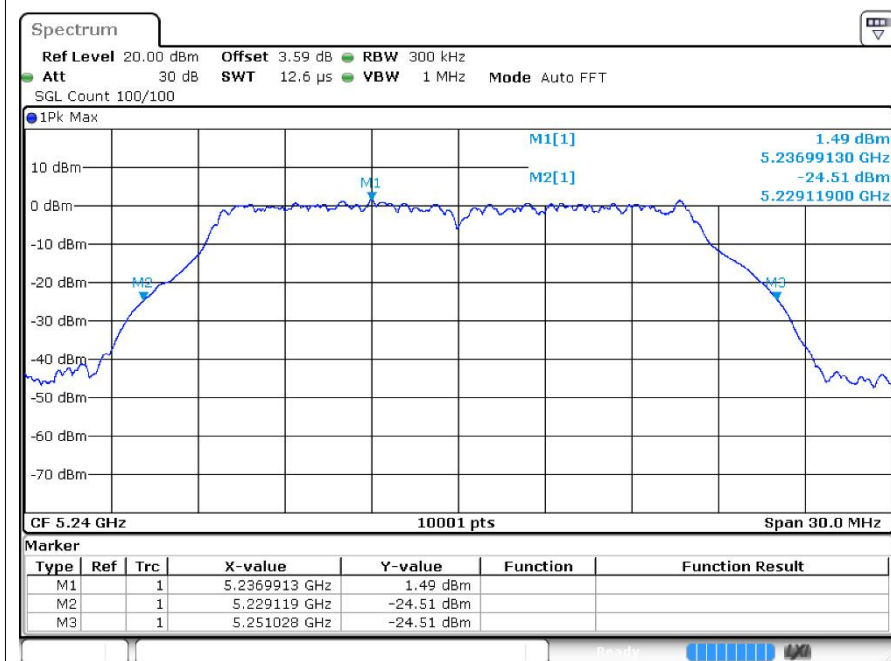


3.2 Test Graphs

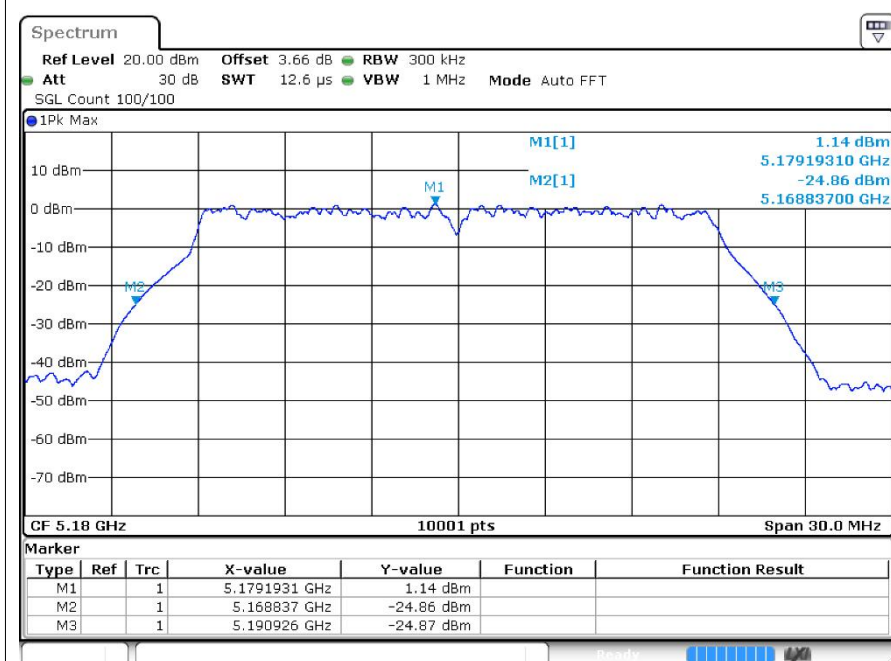




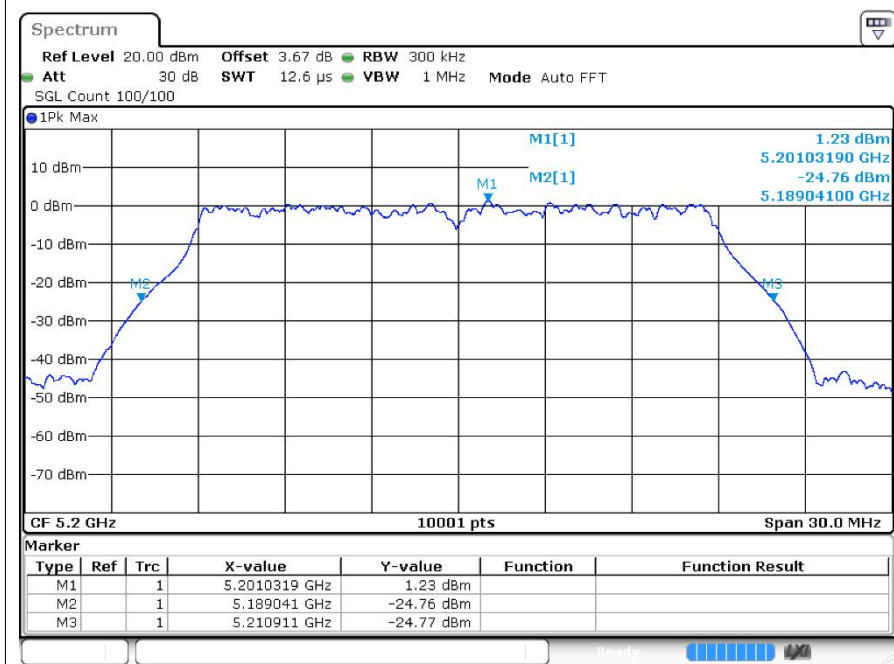
-26dB Bandwidth a 5240MHz Ant1



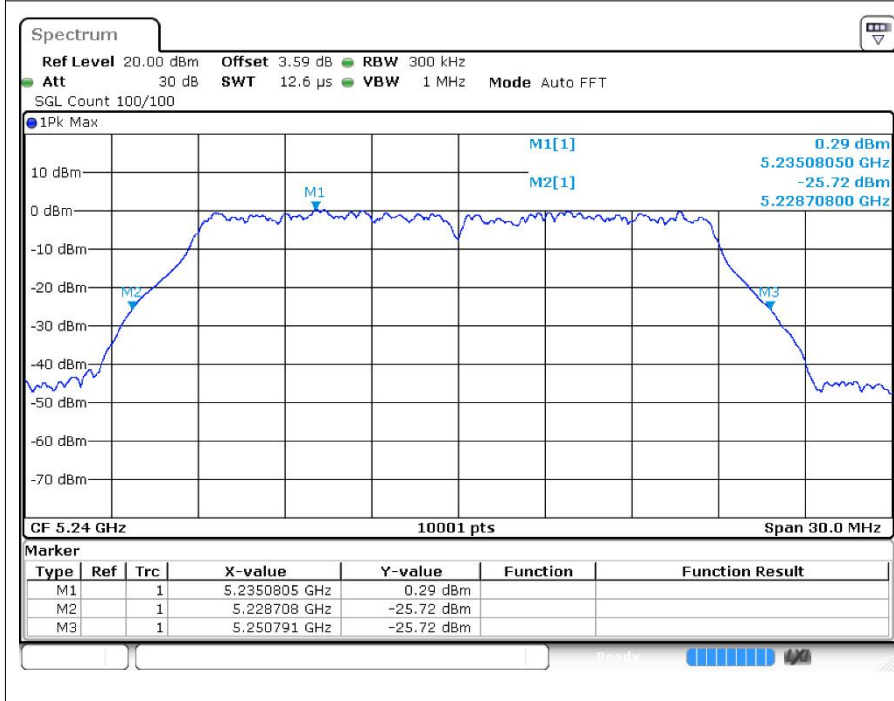
-26dB Bandwidth n20 5180MHz Ant1



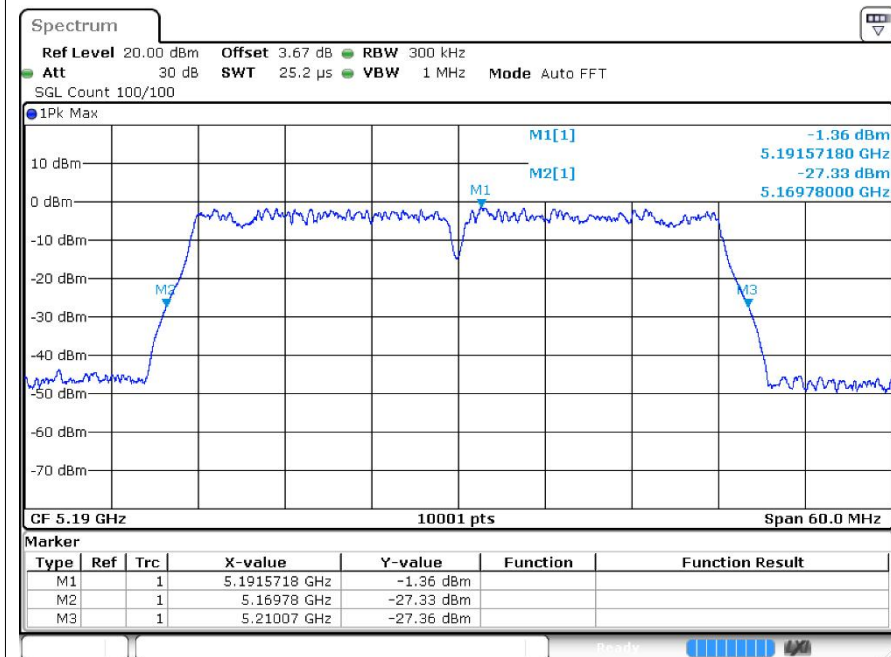
-26dB Bandwidth n20 5200MHz Ant1



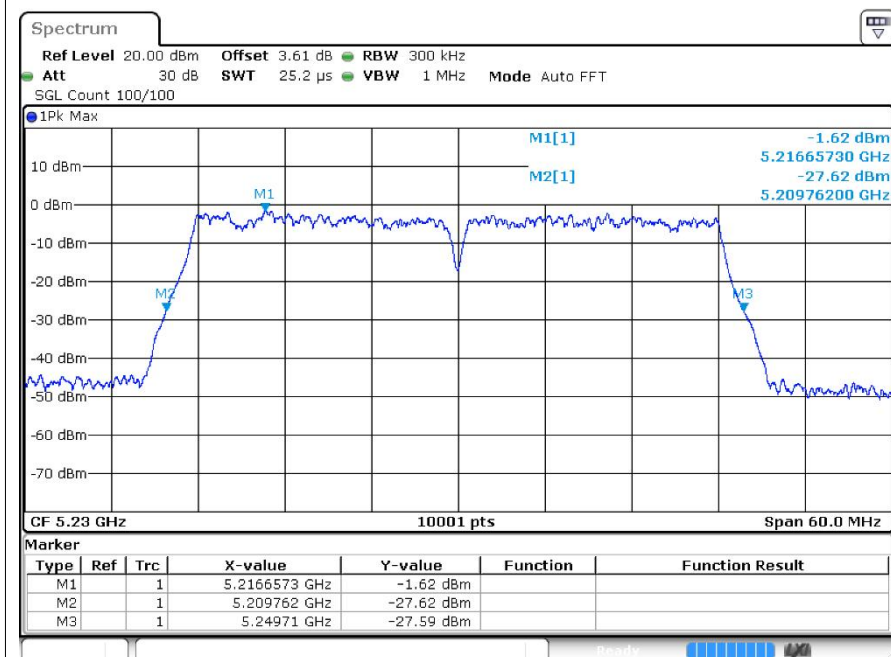
-26dB Bandwidth n20 5240MHz Ant1



-26dB Bandwidth40 5190MHz Ant1

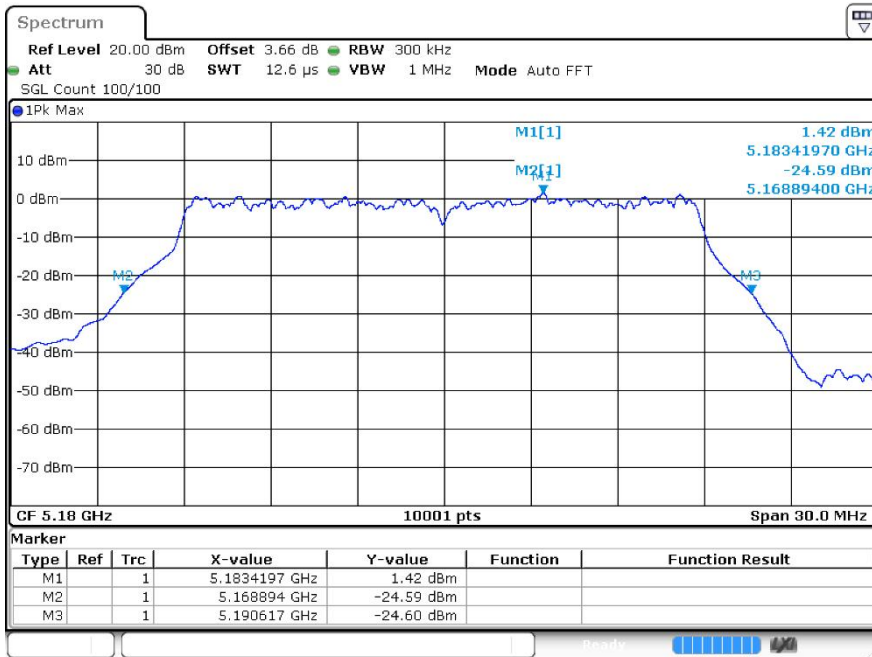


-26dB Bandwidth40 5230MHz Ant1

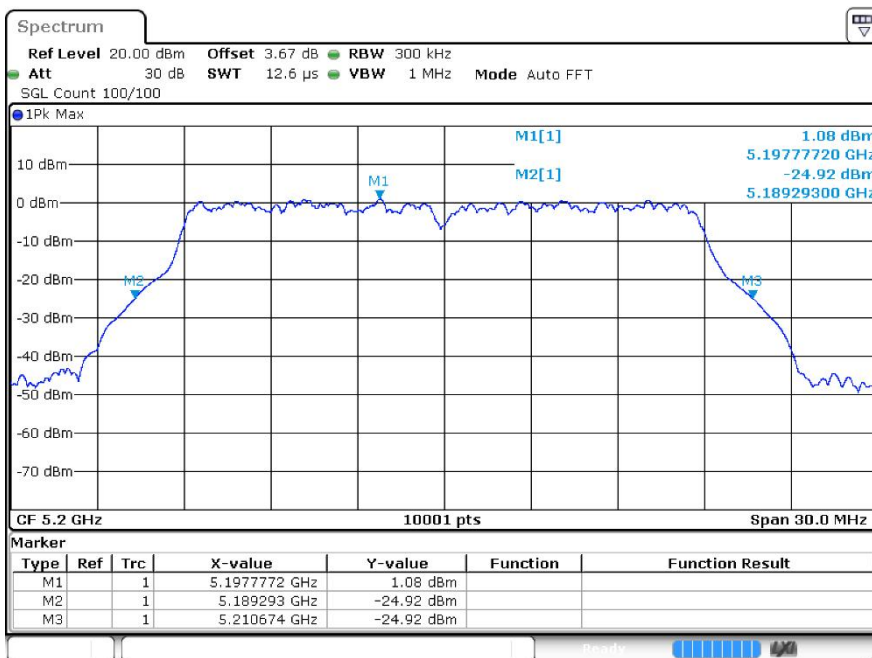




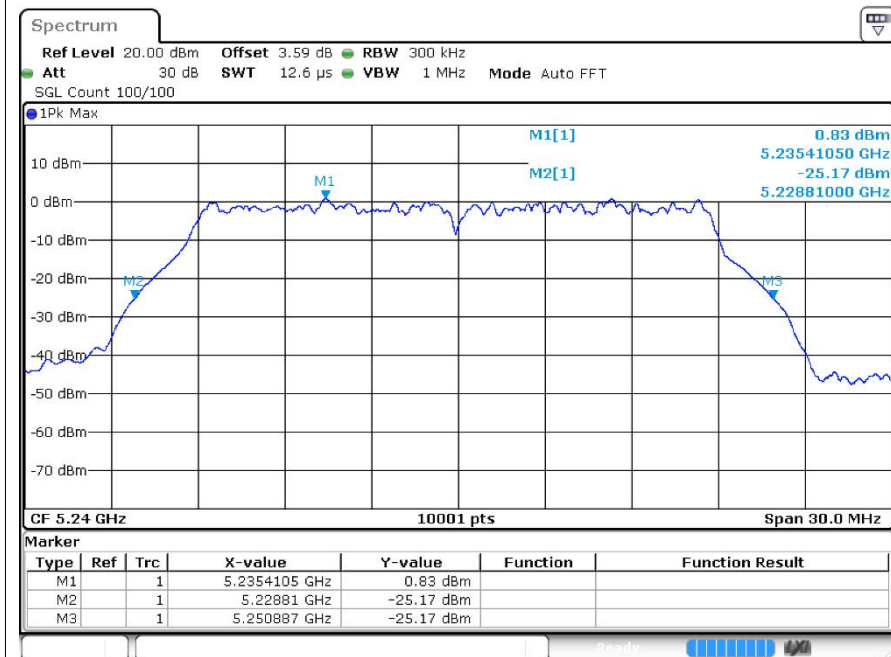
-26dB Bandwidth ac20 5180MHz Ant1



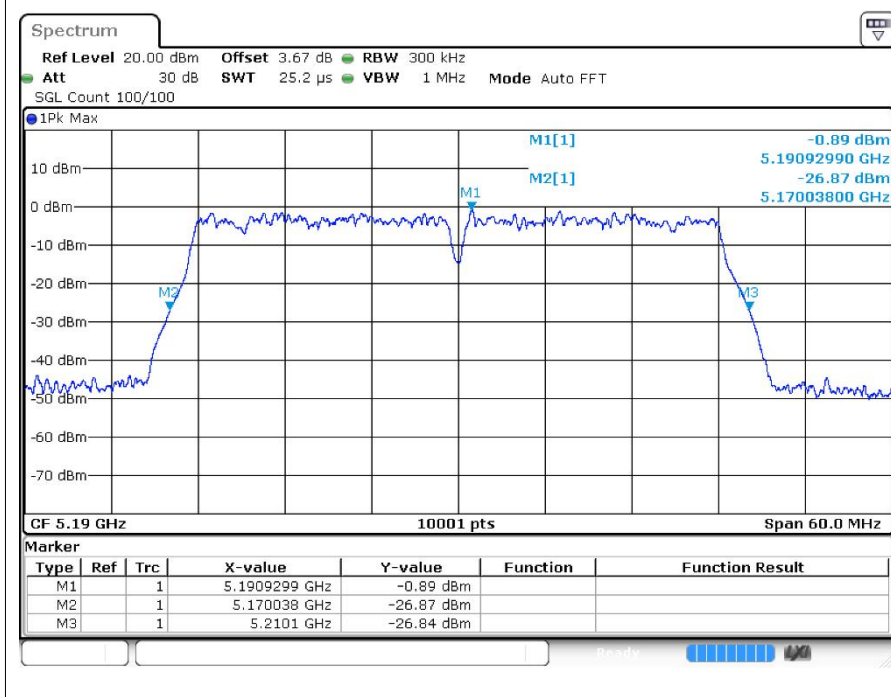
-26dB Bandwidth ac20 5200MHz Ant1



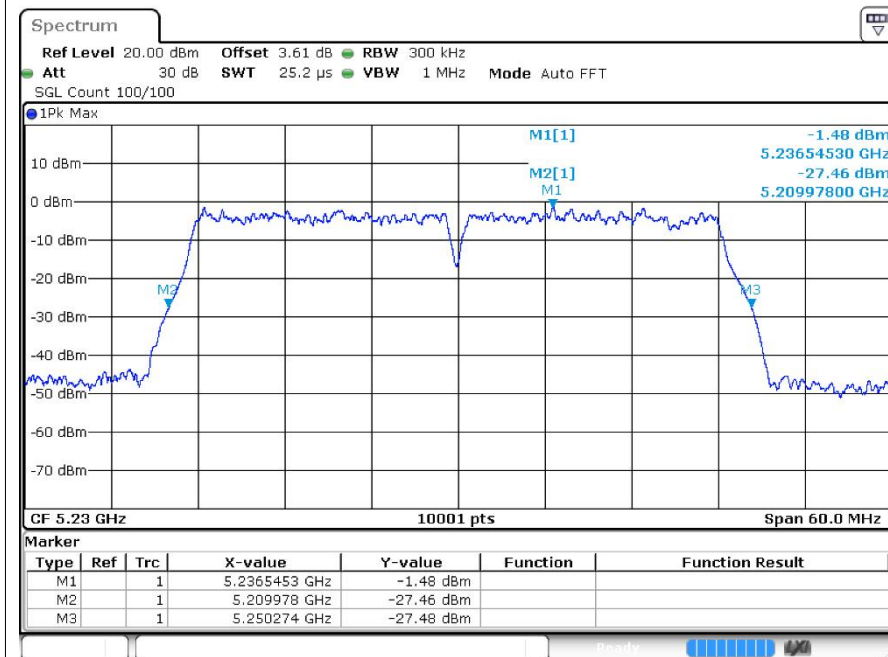
-26dB Bandwidth ac20 5240MHz Ant1



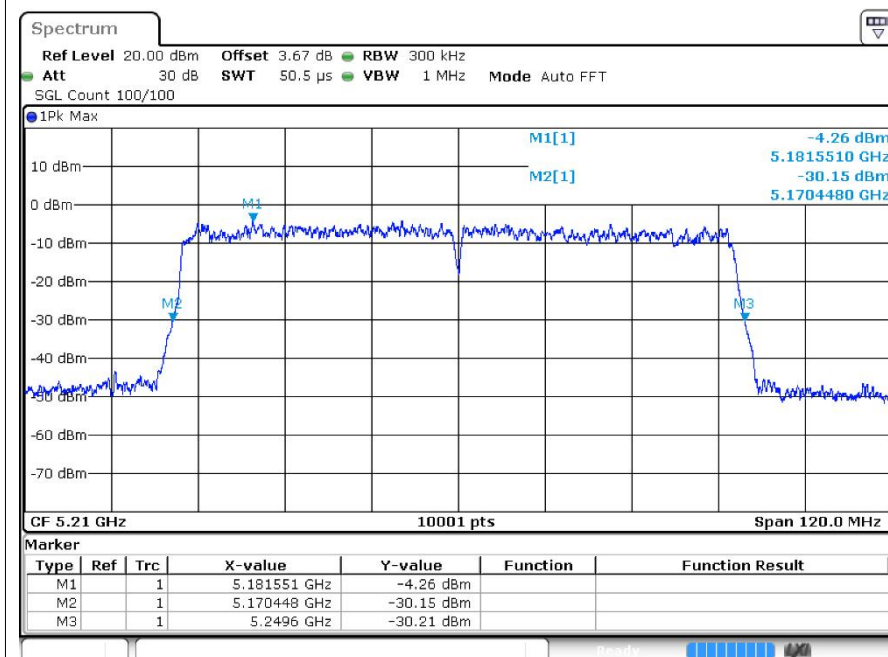
-26dB Bandwidthac40 5190MHz Ant1



-26dB Bandwidthac40 5230MHz Ant1

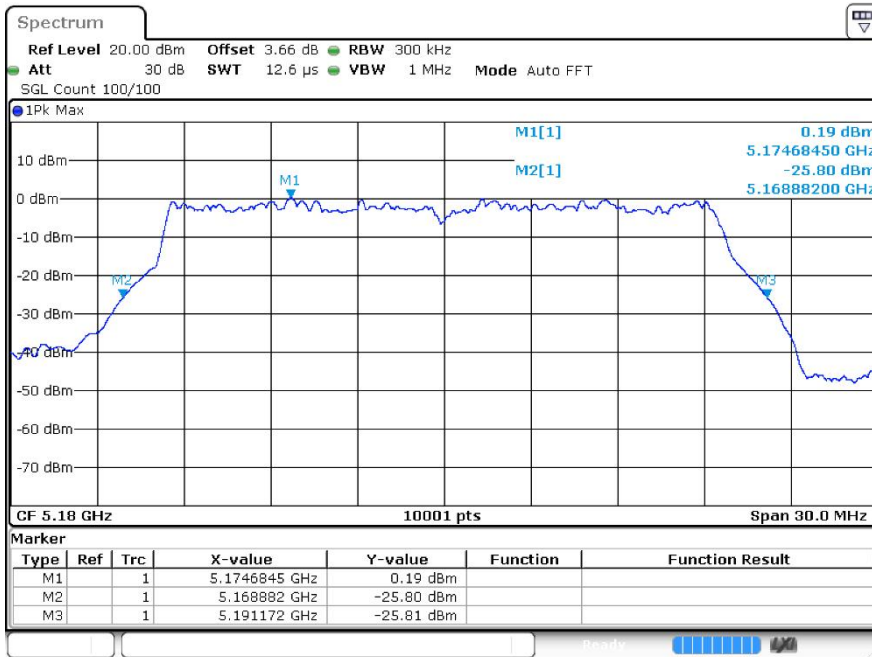


-26dB Bandwidthac80 5210MHz Ant1

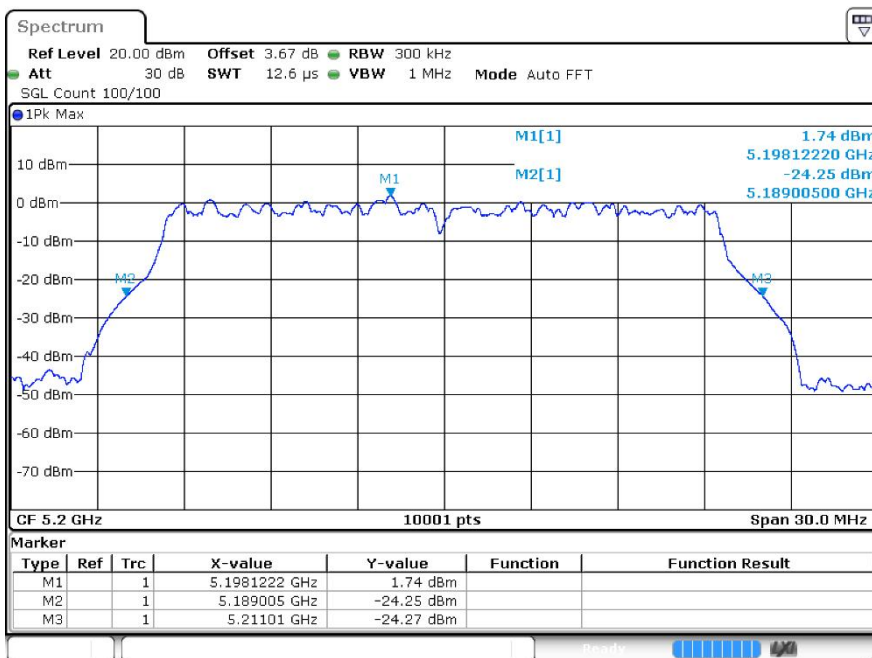




-26dB Bandwidth ax20 5180MHz Ant1

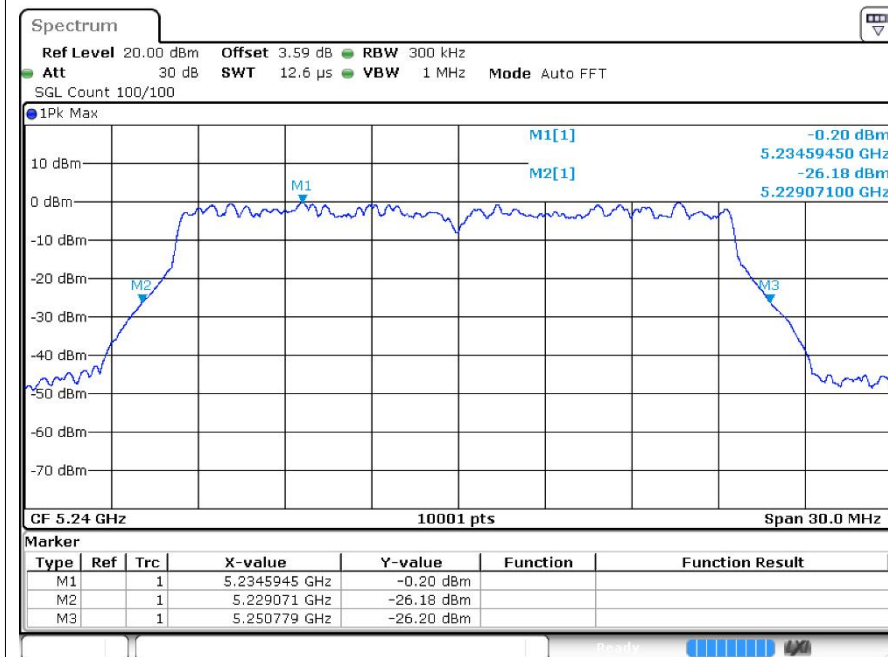


-26dB Bandwidth ax20 5200MHz Ant1

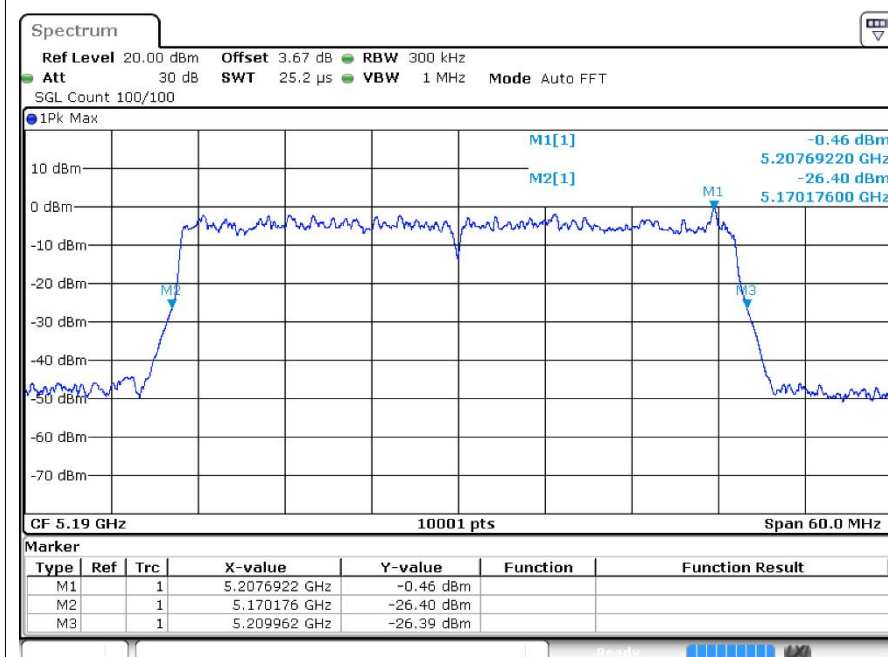




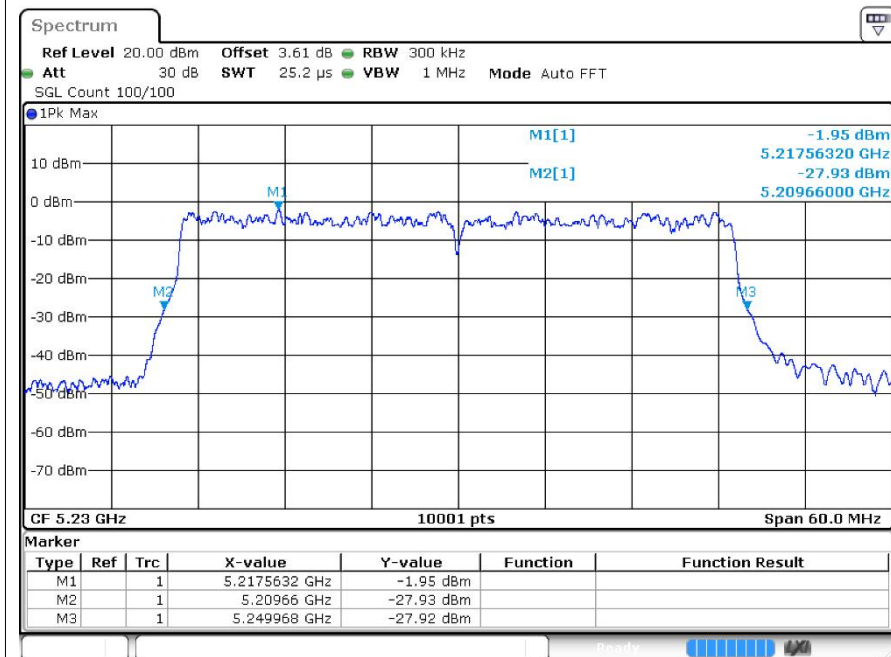
-26dB Bandwidth ax20 5240MHz Ant1



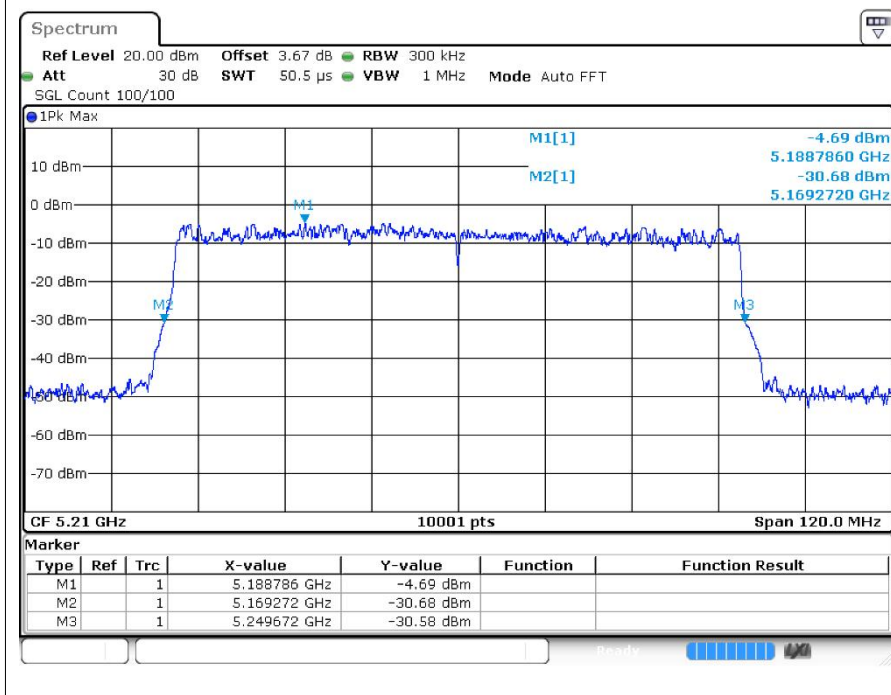
-26dB Bandwidthax40 5190MHz Ant1



-26dB Bandwidthx40 5230MHz Ant1



-26dB Bandwidthx80 5210MHz Ant1





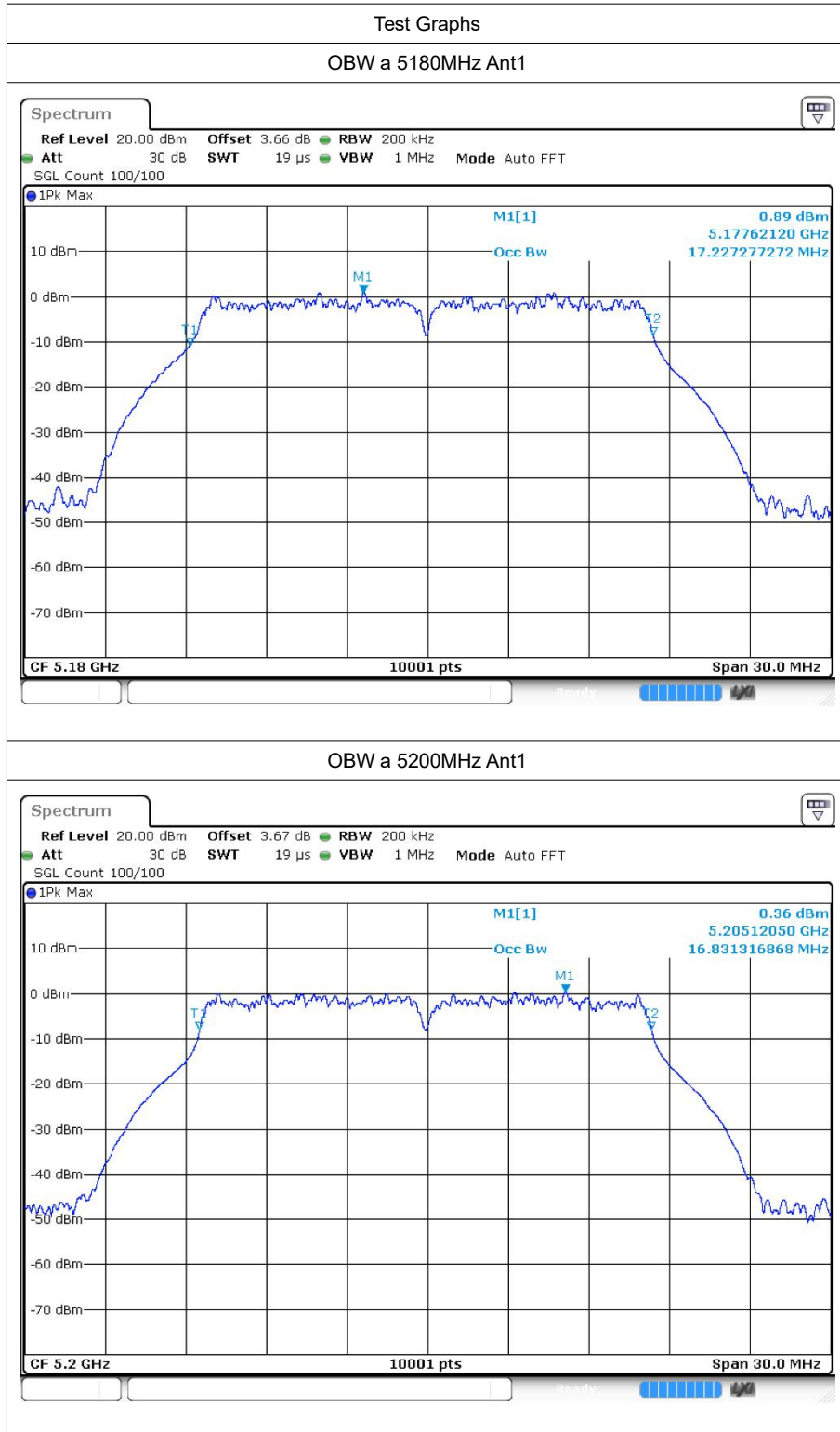
4 Occupied Channel Bandwidth

4.1 Test Result

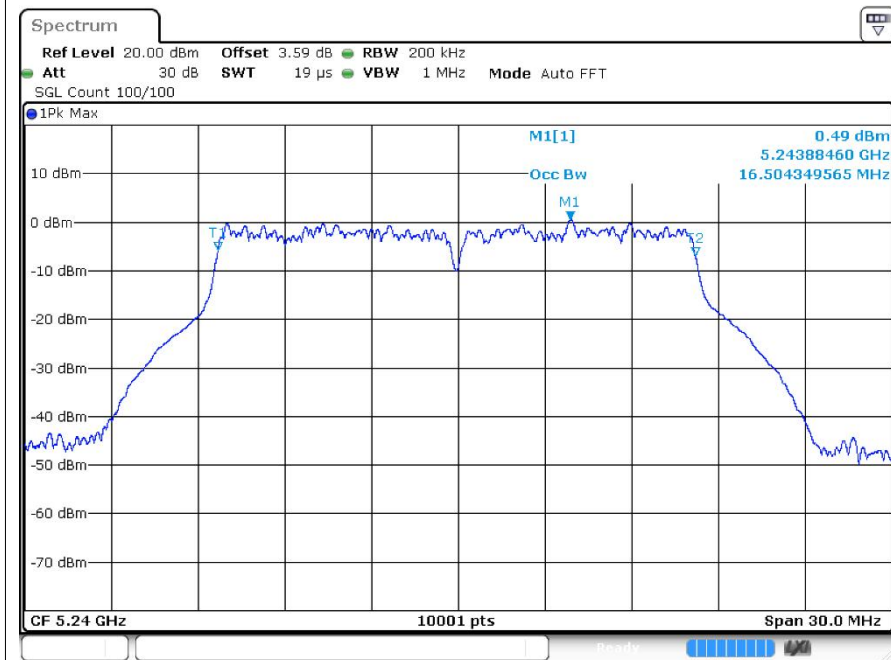
Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5180	Ant1	17.227
a	5200	Ant1	16.831
a	5240	Ant1	16.504
n20	5180	Ant1	17.92
n20	5200	Ant1	17.926
n20	5240	Ant1	18.016
n40	5190	Ant1	36.494
n40	5230	Ant1	36.698
ac20	5180	Ant1	17.848
ac20	5200	Ant1	17.782
ac20	5240	Ant1	17.914
ac40	5190	Ant1	36.35
ac40	5230	Ant1	36.5
ac80	5210	Ant1	75.484
ax20	5180	Ant1	19.072
ax20	5200	Ant1	18.952
ax20	5240	Ant1	18.997
ax40	5190	Ant1	37.838
ax40	5230	Ant1	37.916
ax80	5210	Ant1	77.38



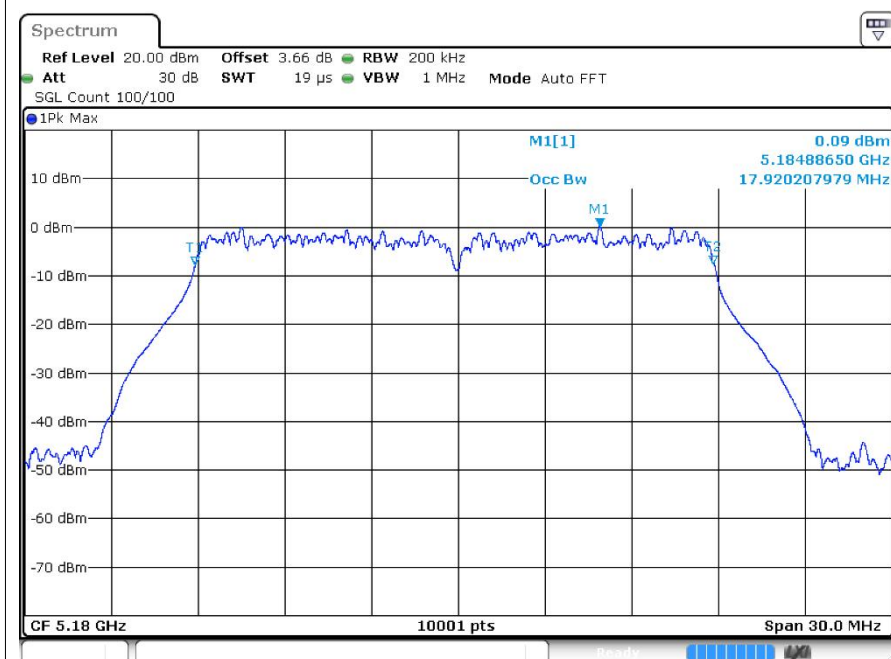
4.2 Test Graphs

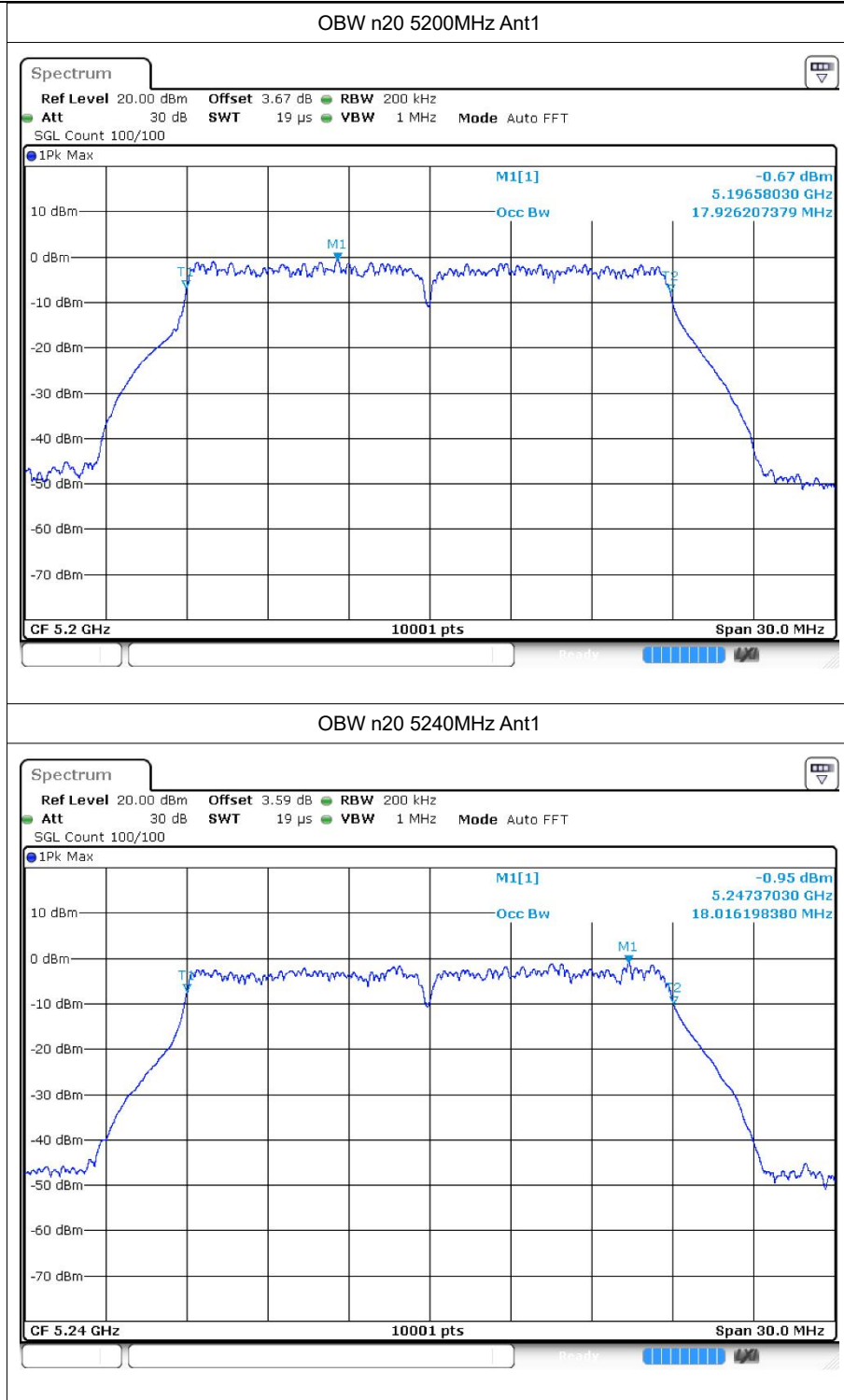


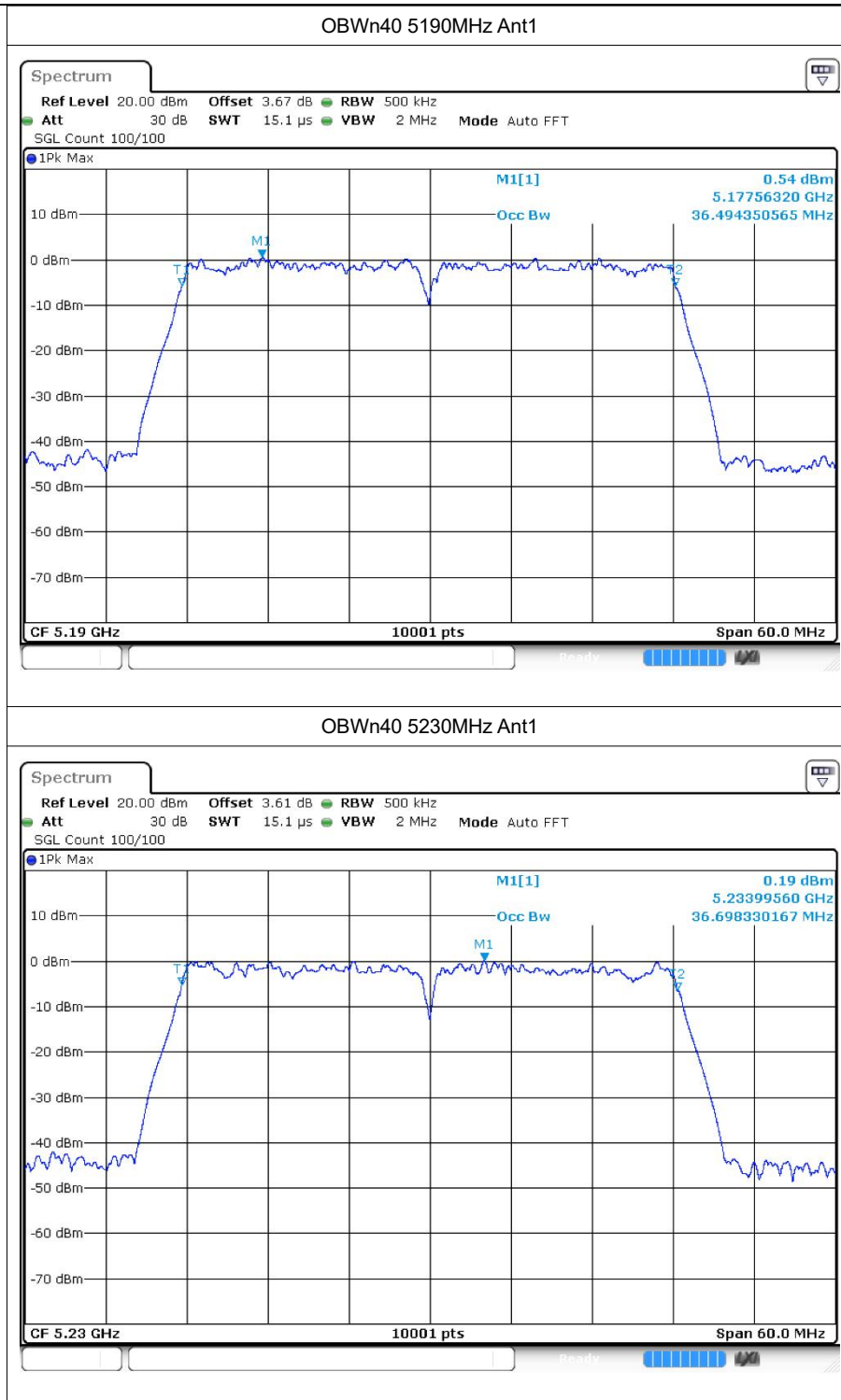
OBW a 5240MHz Ant1

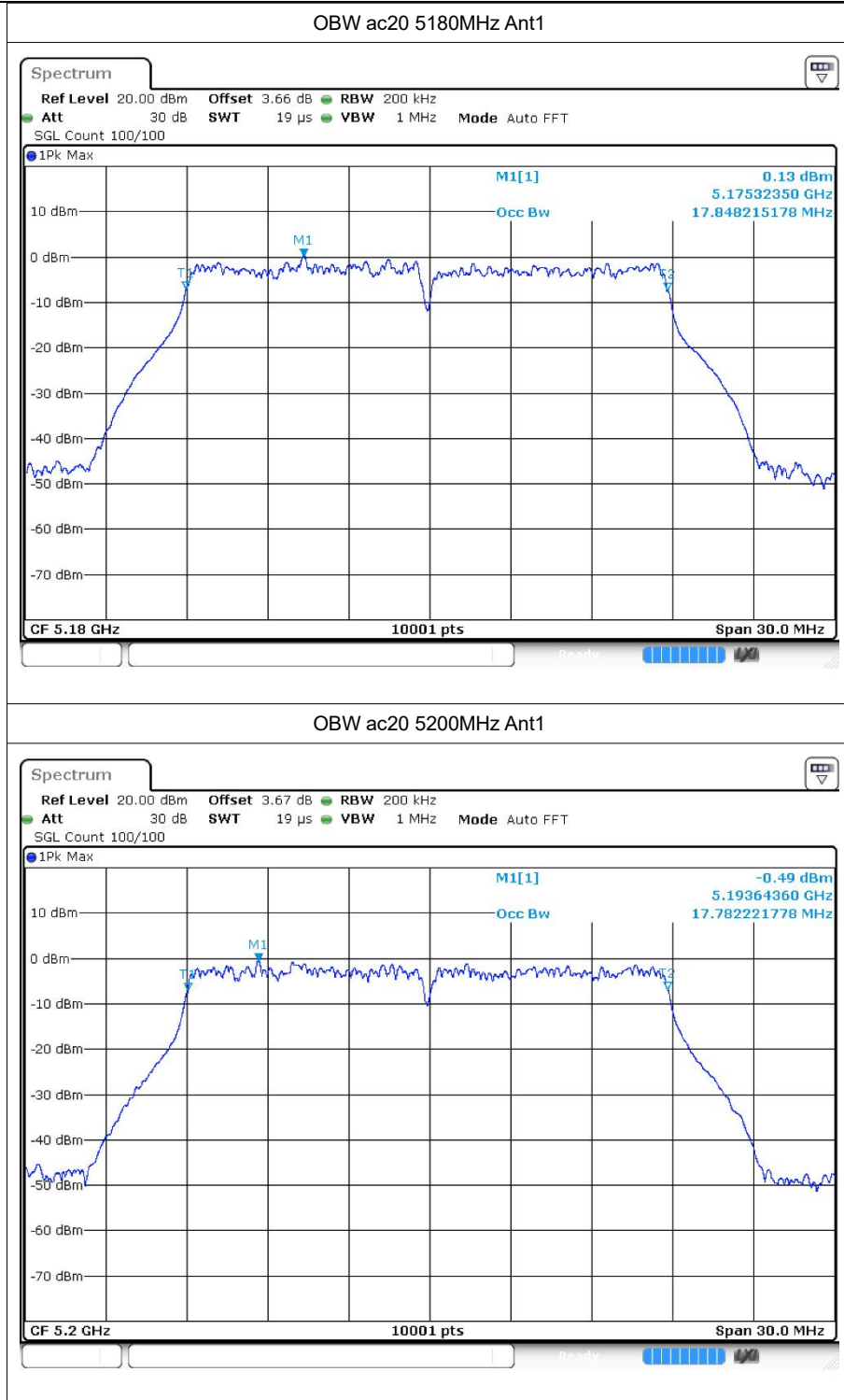


OBW n20 5180MHz Ant1

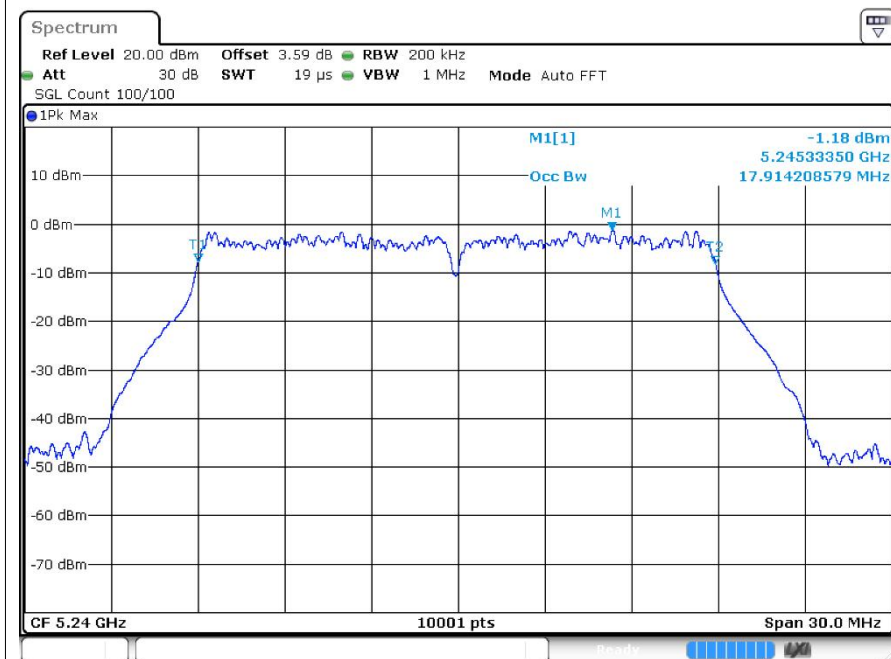








OBW ac20 5240MHz Ant1



OBWac40 5190MHz Ant1

