



Appendix D

RF Test Data for B1WIFI(Conducted Measurement)

Product Name: Tablet

Trade Mark: Blackview

Test Model: MEGA 2 WiFi

Environmental Conditions

Temperature:	25.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



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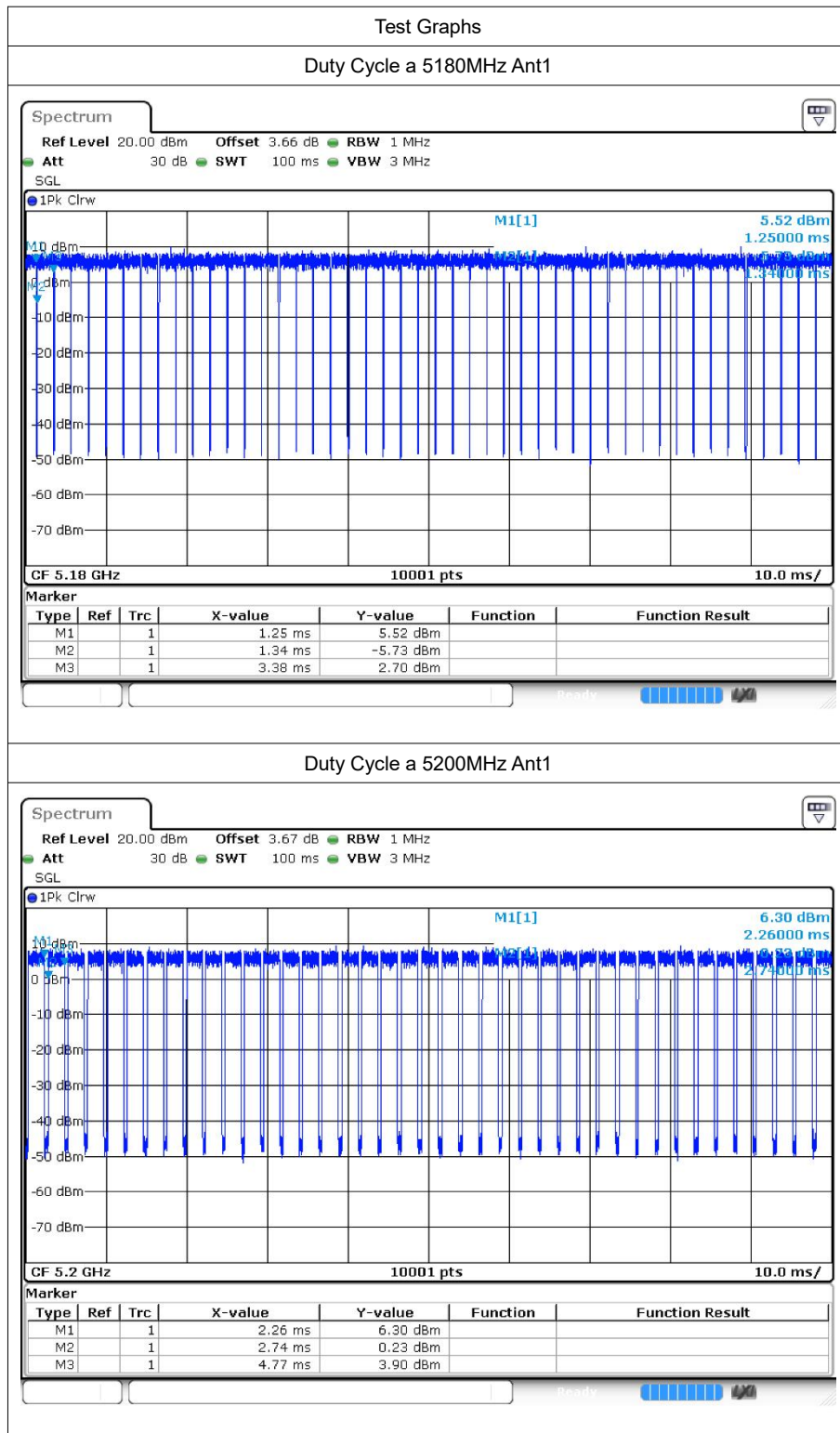


1 Duty Cycle

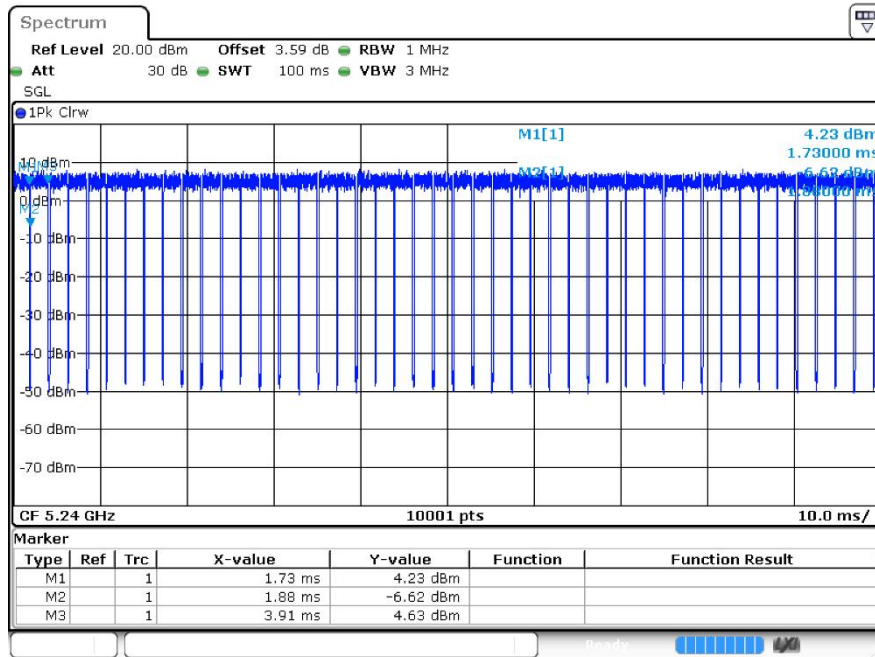
1.1 Test Result

Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5180	Ant1	95.08	0.22	0.49
a	5200	Ant1	83.61	0.78	0.49
a	5240	Ant1	92.38	0.34	0.49
n20	5180	Ant1	98.13	0.08	0.2
n20	5200	Ant1	96.59	0.15	0.2
n20	5240	Ant1	97.96	0.09	0.2
n40	5190	Ant1	97.76	0.1	0.2
n40	5230	Ant1	97.71	0.1	0.2
ac20	5180	Ant1	97.76	0.1	0.2
ac20	5200	Ant1	96.96	0.13	0.2
ac20	5240	Ant1	98.01	0.09	0.2
ac40	5190	Ant1	97.95	0.09	0.2
ac40	5230	Ant1	97.61	0.11	0.2
ac80	5210	Ant1	96.43	0.16	0.22
ax20	5180	Ant1	97.42	0.11	0.26
ax20	5200	Ant1	95.91	0.18	0.26
ax20	5240	Ant1	97.12	0.13	0.26
ax40	5190	Ant1	90.3	0.44	0.26
ax40	5230	Ant1	97.68	0.1	0.26
ax80	5210	Ant1	95.55	0.2	0.27

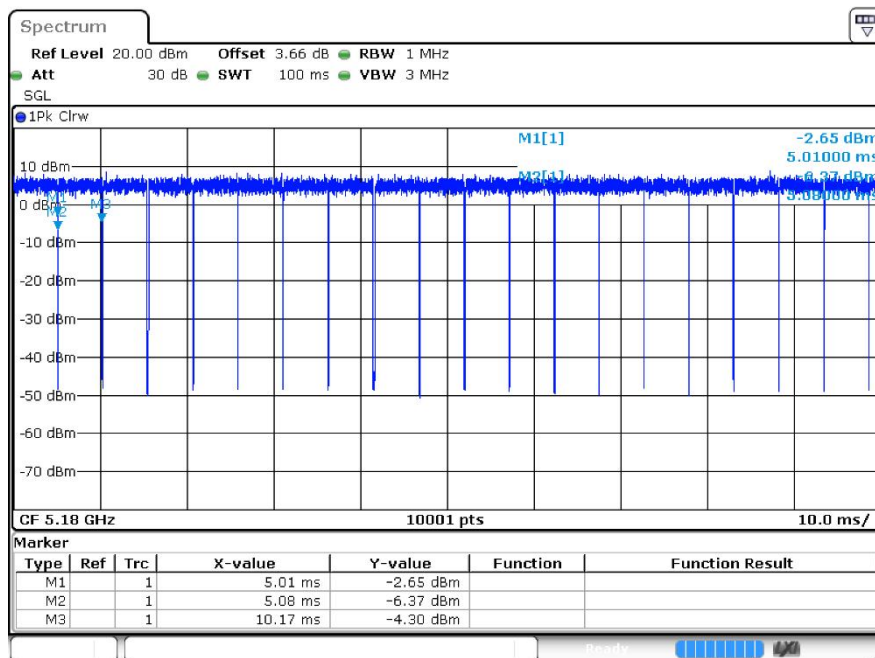
1.2 Test Graphs



Duty Cycle a 5240MHz Ant1

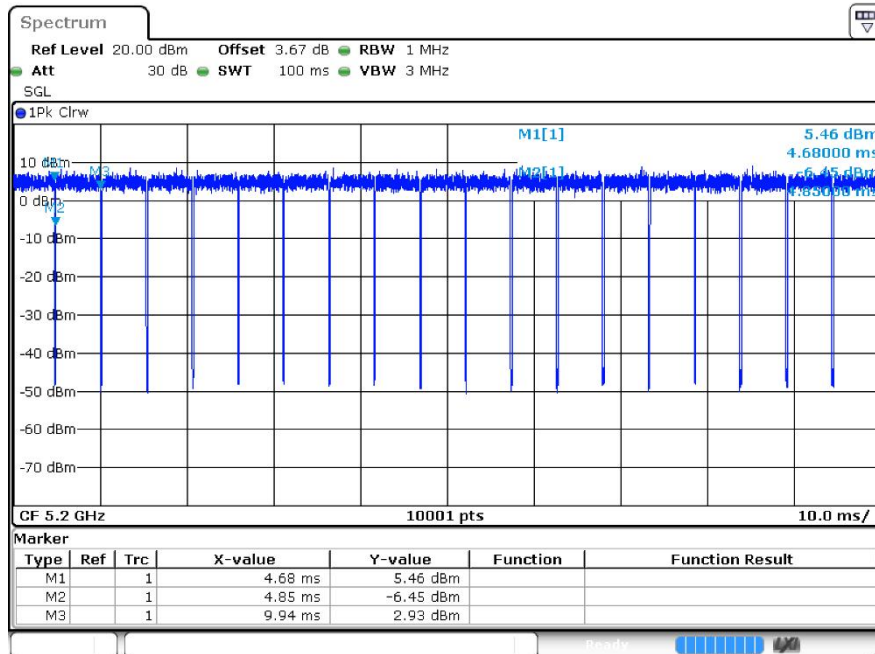


Duty Cycle n20 5180MHz Ant1

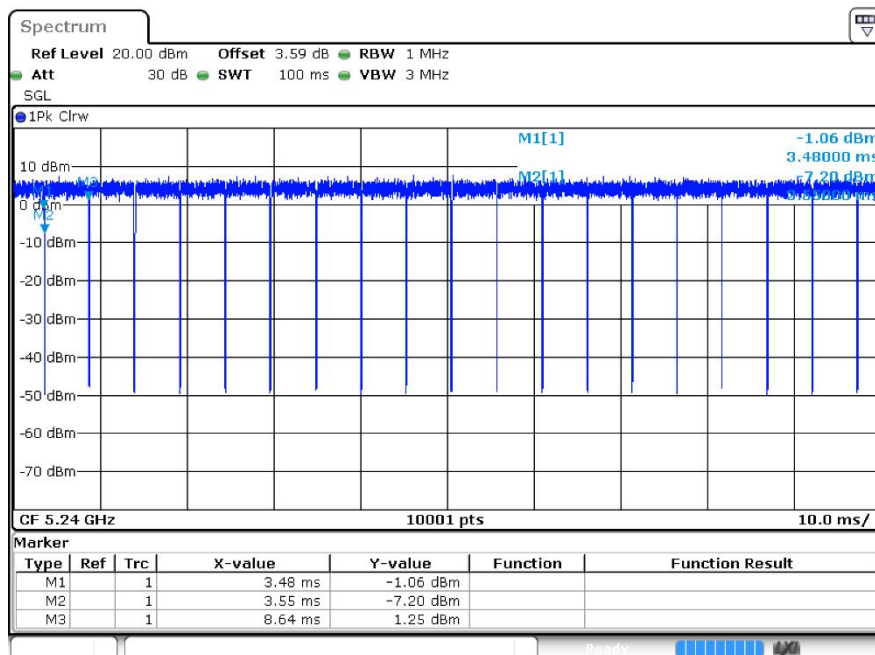




Duty Cycle a n20 5200MHz Ant1

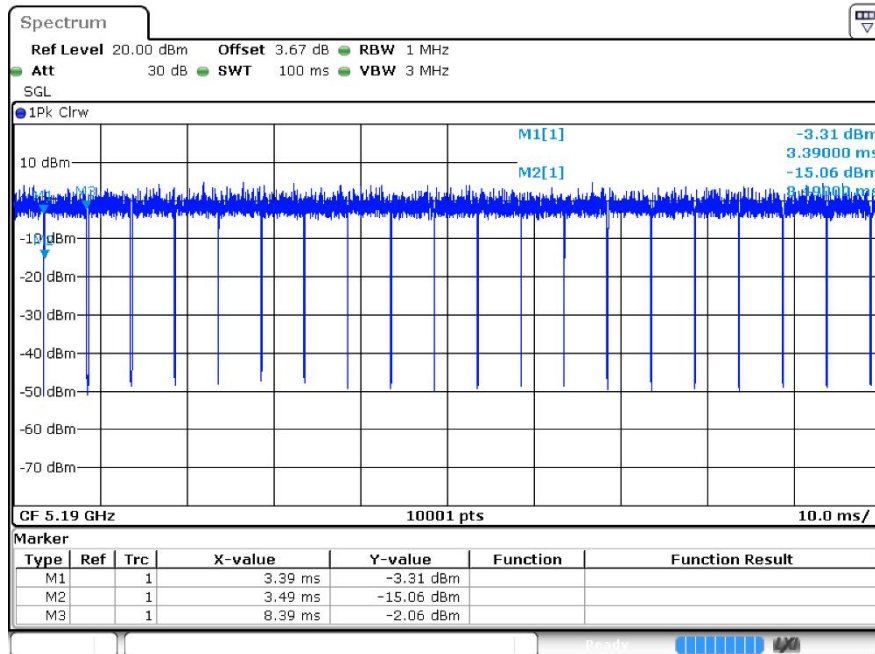


Duty Cycle n20 5240MHz Ant1

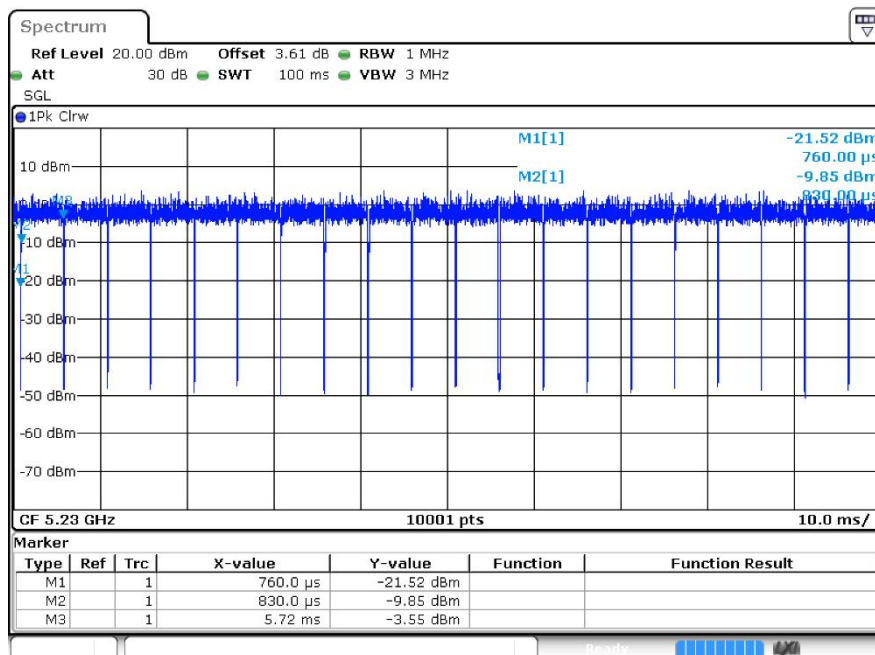




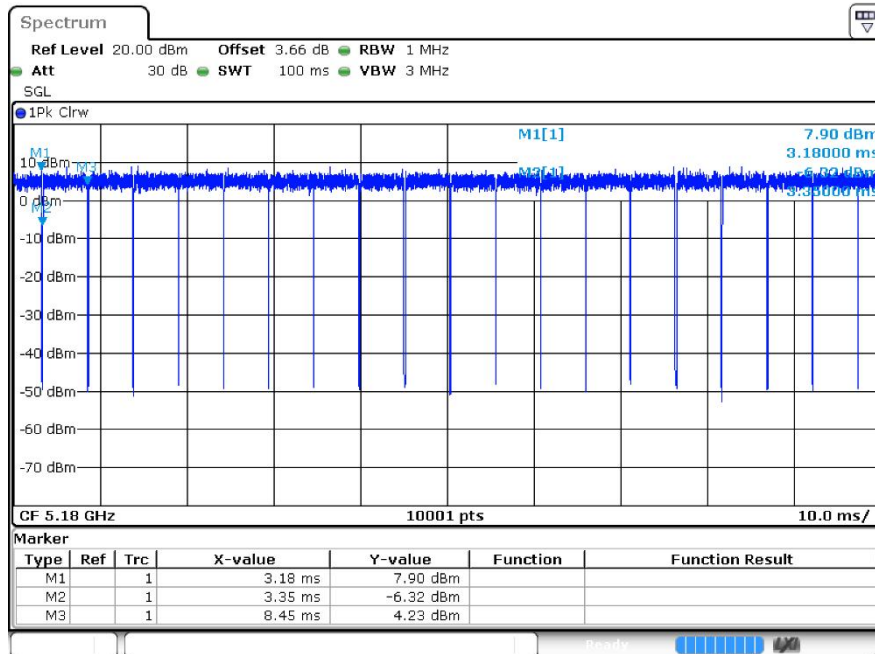
Duty Cycle n40 5190MHz Ant1



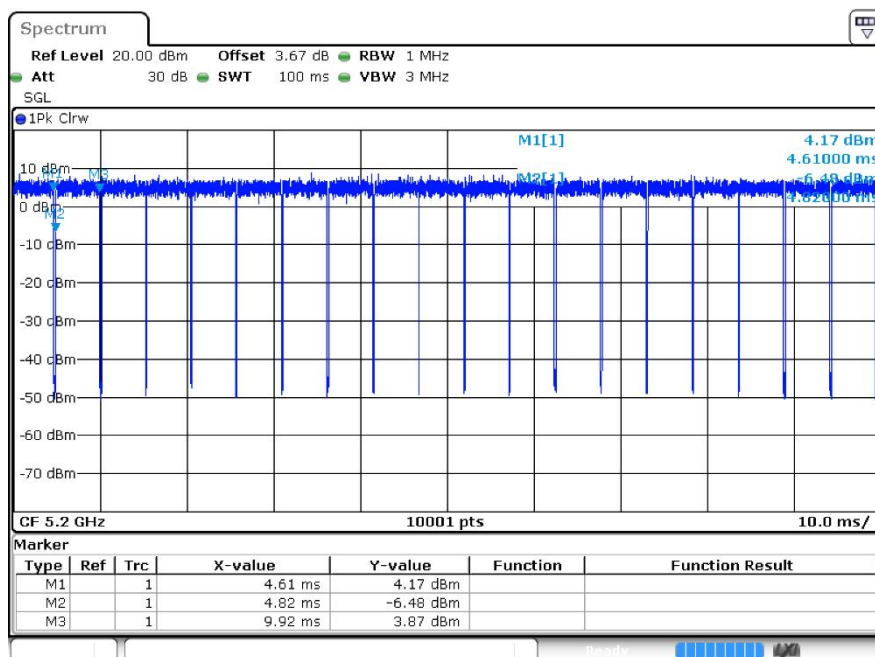
Duty Cycle n40 5230MHz Ant1



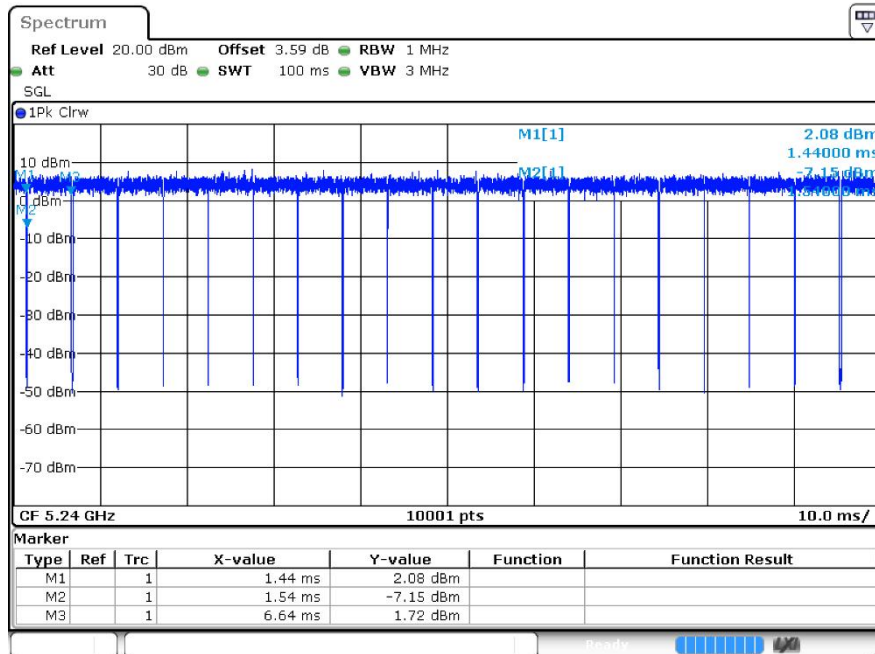
Duty Cycle ac20 5180MHz Ant1



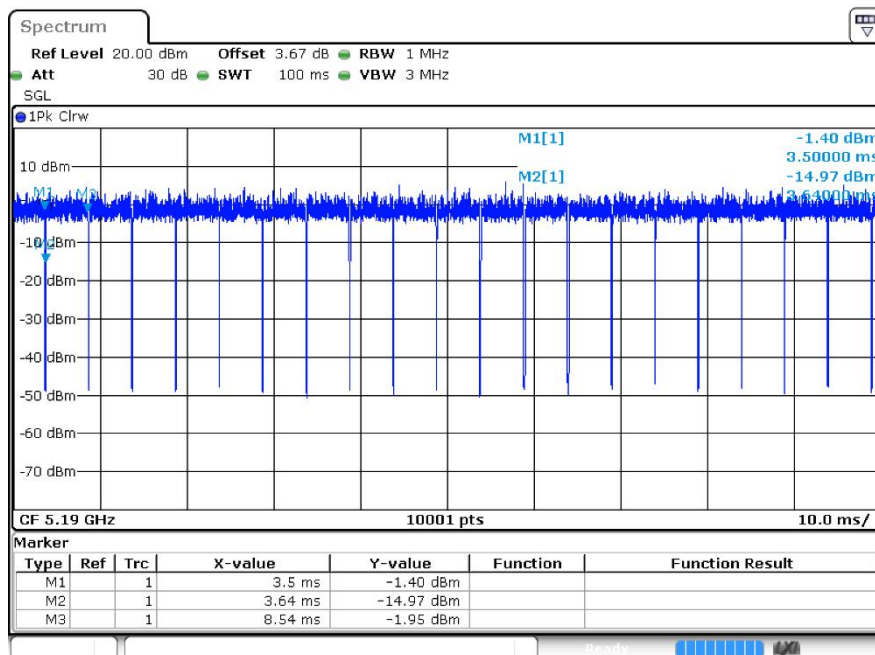
Duty Cycle ac20 5200MHz Ant1



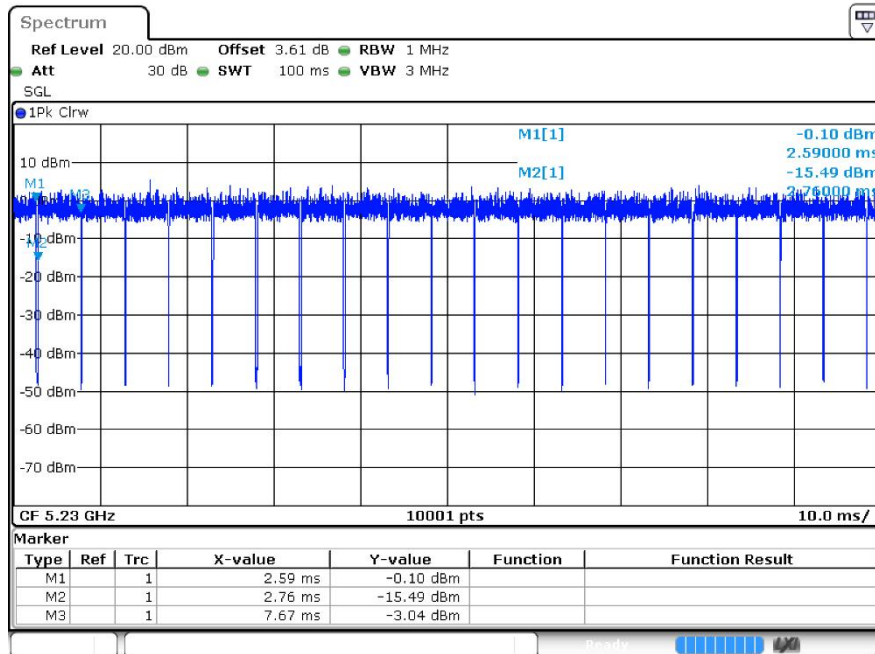
Duty Cycle ac20 5240MHz Ant1



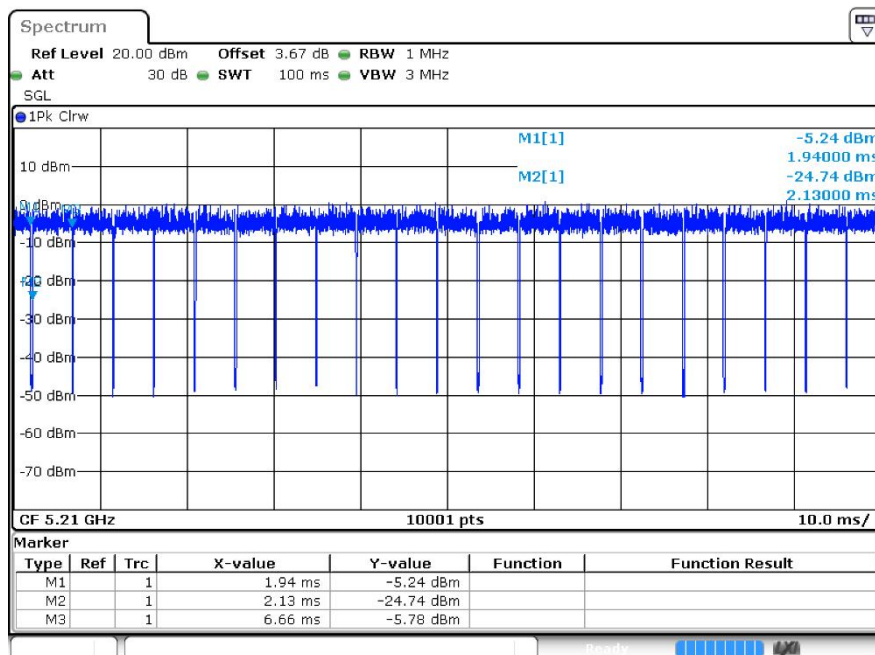
Duty Cycle ac40 5190MHz Ant1



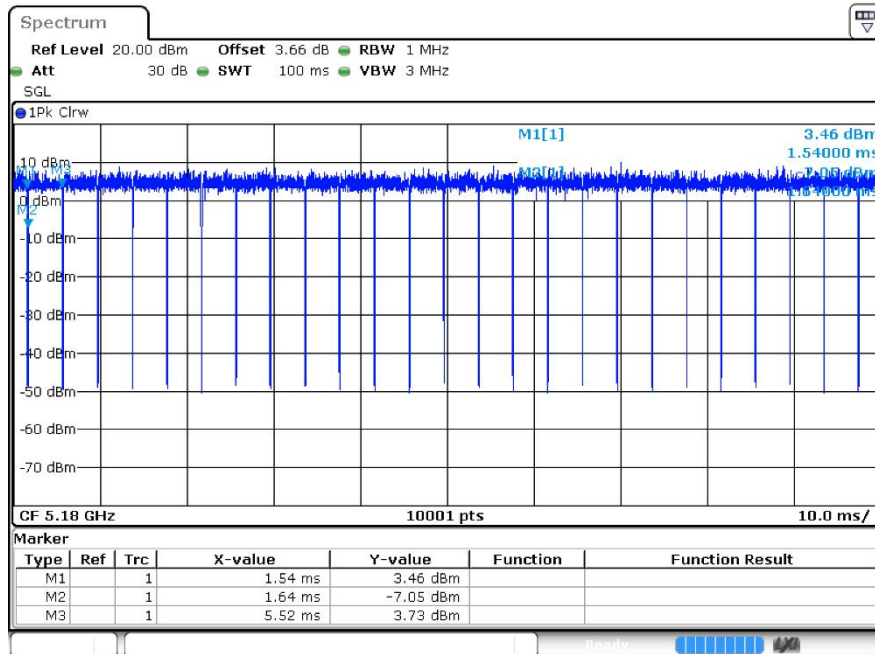
Duty Cycle ac40 5230MHz Ant1



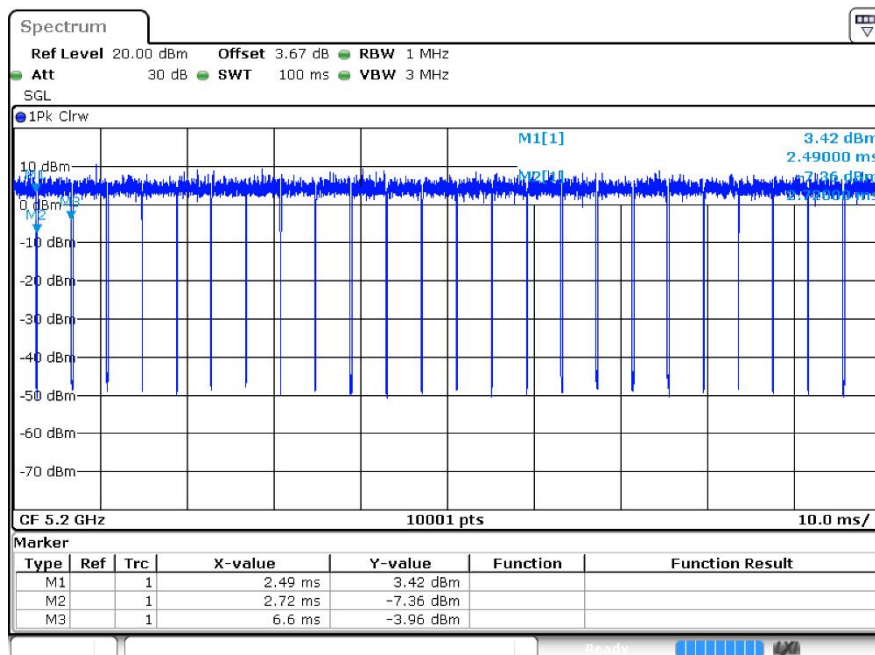
Duty Cycle ac80 5210MHz Ant1



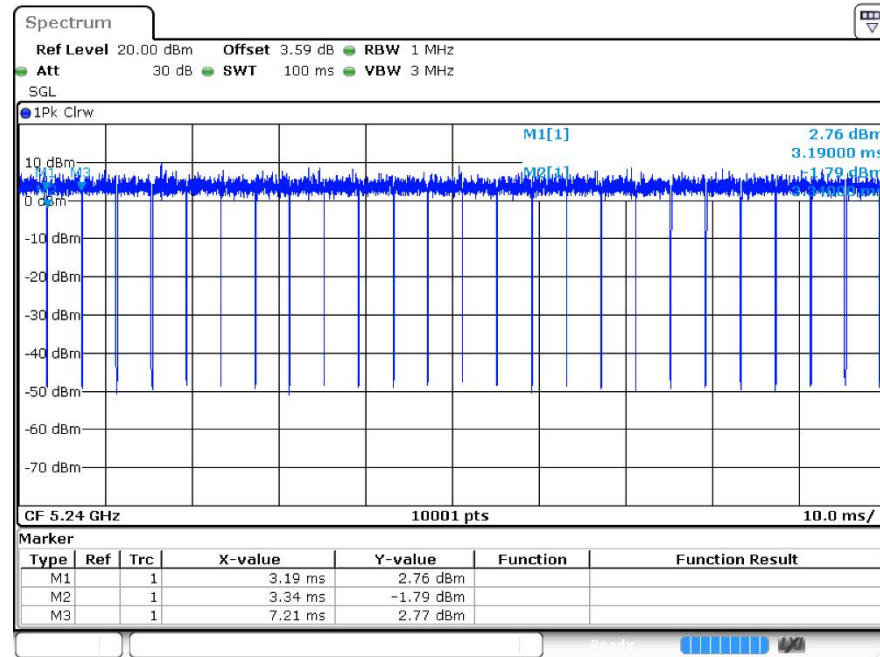
Duty Cycle ax20 5180MHz Ant1



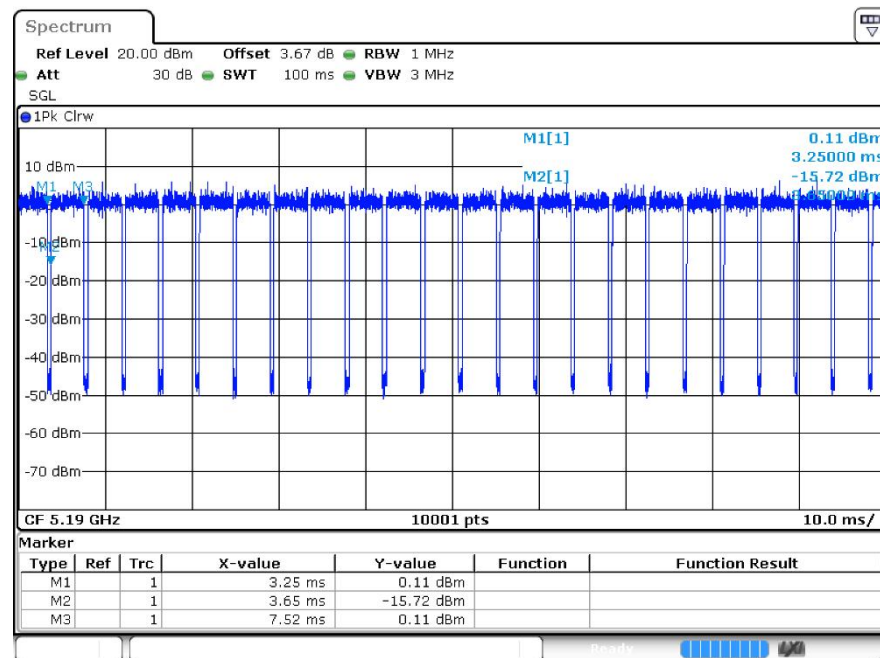
Duty Cycle ax20 5200MHz Ant1



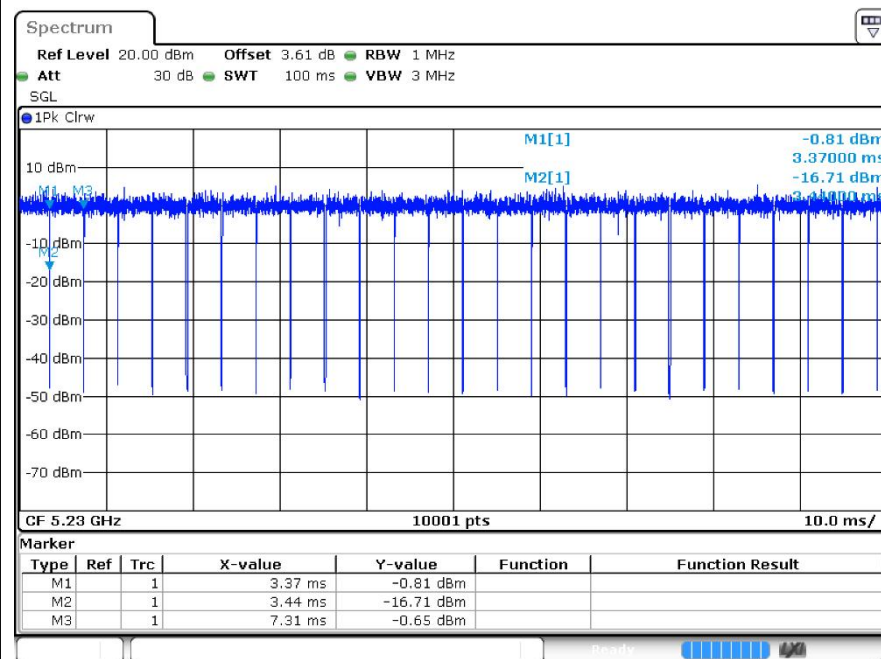
Duty Cycle ax20 5240MHz Ant1



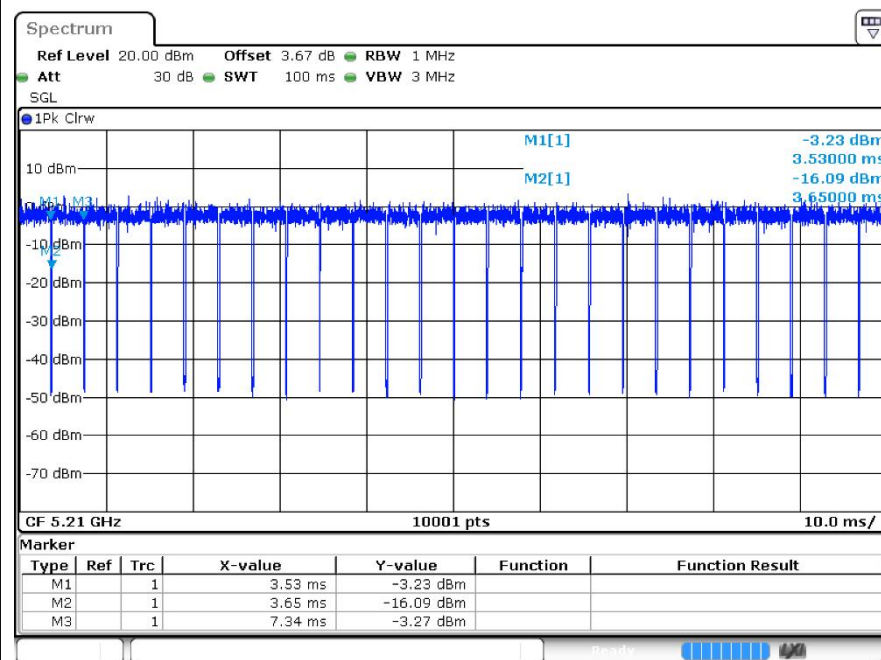
Duty Cycle ax40 5190MHz Ant1



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	16.23	24	Pass
a	5200	Ant1	15.96	24	Pass
a	5240	Ant1	15.26	24	Pass
n20	5180	Ant1	15.51	24	Pass
n20	5200	Ant1	15.35	24	Pass
n20	5240	Ant1	14.68	24	Pass
n40	5190	Ant1	15.43	24	Pass
n40	5230	Ant1	14.9	24	Pass
ac20	5180	Ant1	15.59	24	Pass
ac20	5200	Ant1	15.44	24	Pass
ac20	5240	Ant1	14.72	24	Pass
ac40	5190	Ant1	15.62	24	Pass
ac40	5230	Ant1	14.98	24	Pass
ac80	5210	Ant1	15.31	24	Pass
ax20	5180	Ant1	15.76	24	Pass
ax20	5200	Ant1	15.58	24	Pass
ax20	5240	Ant1	14.83	24	Pass
ax40	5190	Ant1	15.55	24	Pass
ax40	5230	Ant1	15.05	24	Pass
ax80	5210	Ant1	15.27	24	Pass

Note:

The duty factor has been compensated into the result.

3 -26dB Bandwidth

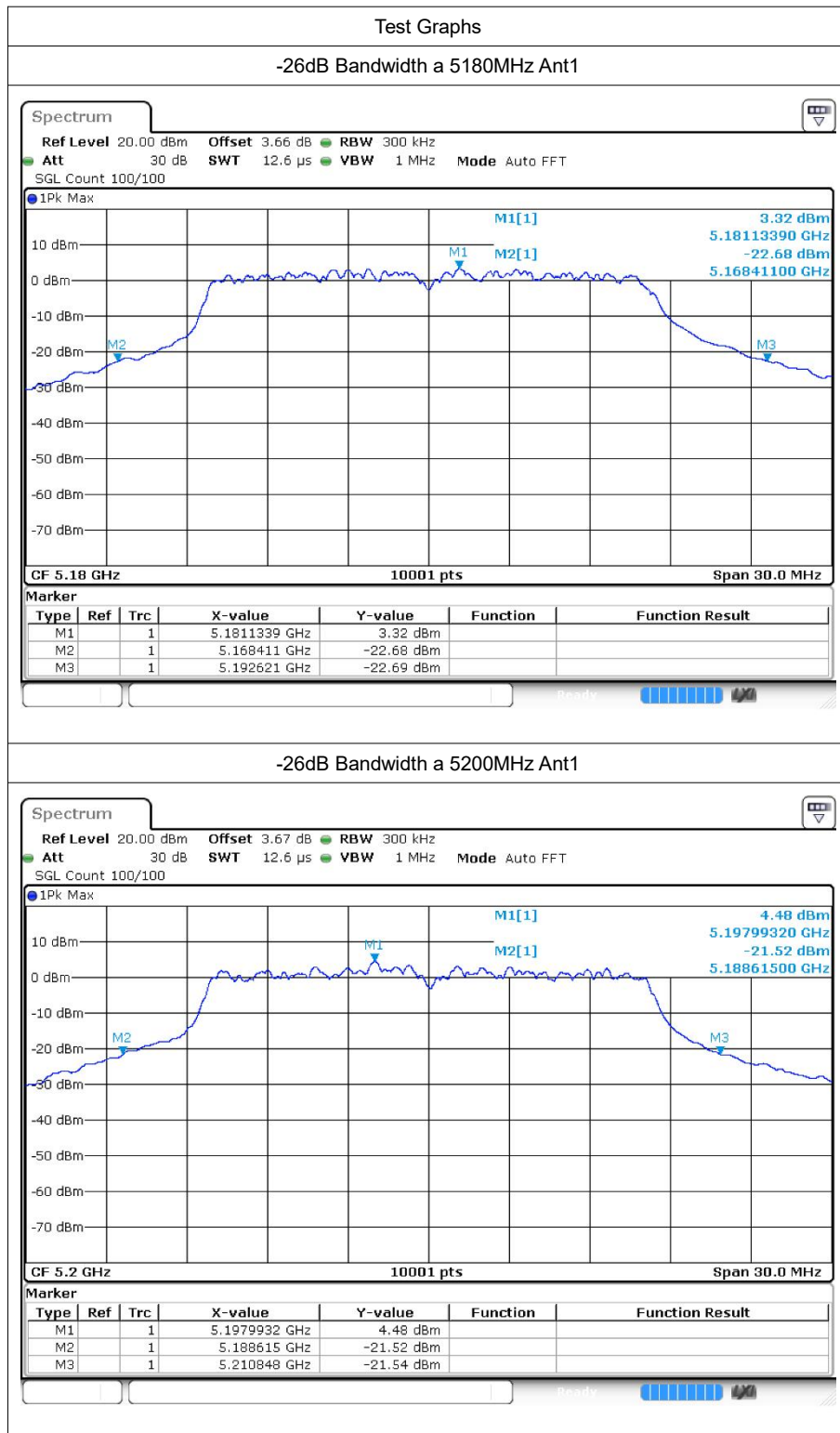
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	24.21	0.5	Pass
a	5200	Ant1	22.233	0.5	Pass
a	5240	Ant1	23.526	0.5	Pass
n20	5180	Ant1	24.099	0.5	Pass
n20	5200	Ant1	24.171	0.5	Pass
n20	5240	Ant1	24.228	0.5	Pass
n40	5190	Ant1	41.904	0.5	Pass
n40	5230	Ant1	42.63	0.5	Pass
ac20	5180	Ant1	25.365	0.5	Pass
ac20	5200	Ant1	25.23	0.5	Pass
ac20	5240	Ant1	24.543	0.5	Pass
ac40	5190	Ant1	42.918	0.5	Pass
ac40	5230	Ant1	44.076	0.5	Pass
ac80	5210	Ant1	82.104	0.5	Pass
ax20	5180	Ant1	21.903	0.5	Pass
ax20	5200	Ant1	24.246	0.5	Pass
ax20	5240	Ant1	22.848	0.5	Pass
ax40	5190	Ant1	42.468	0.5	Pass
ax40	5230	Ant1	41.304	0.5	Pass
ax80	5210	Ant1	80.376	0.5	Pass

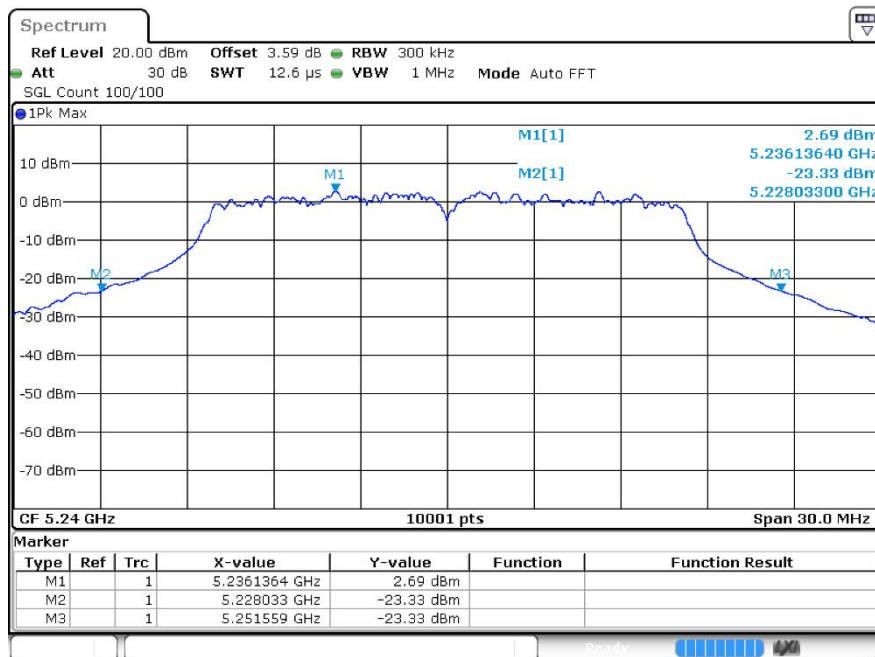
Note:

The duty factor has been compensated into the result.

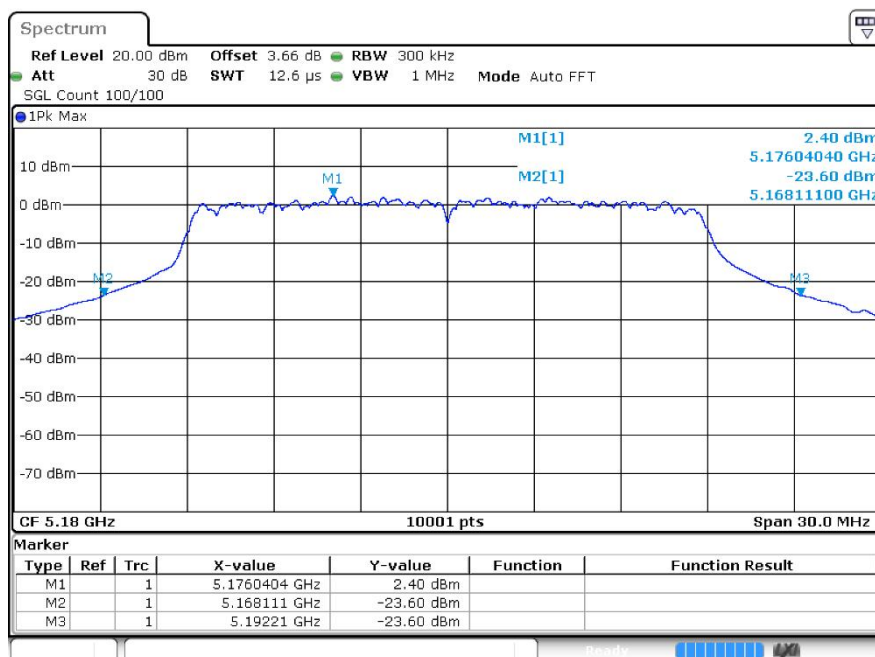
3.2 Test Graphs



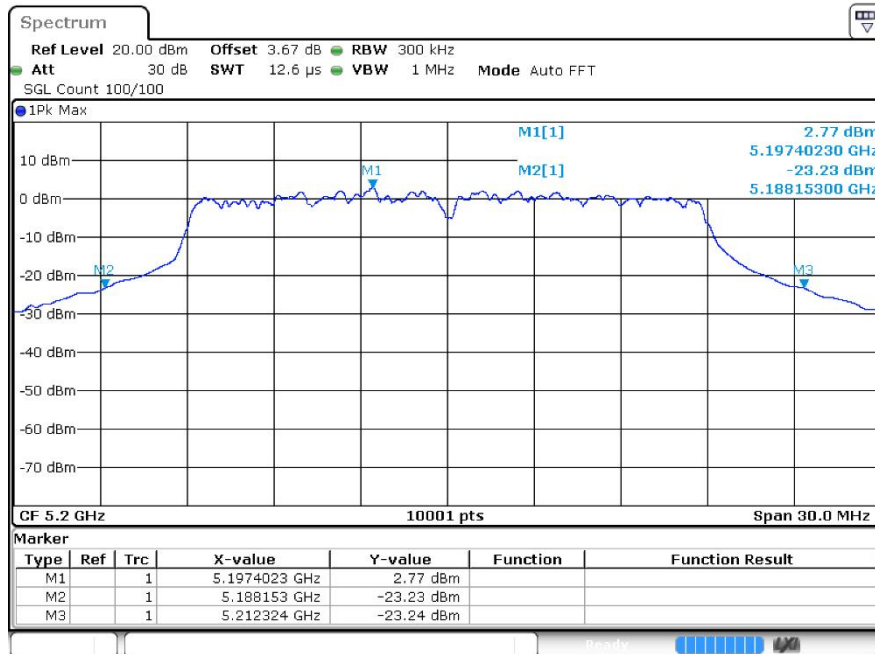
-26dB Bandwidth a 5240MHz Ant1



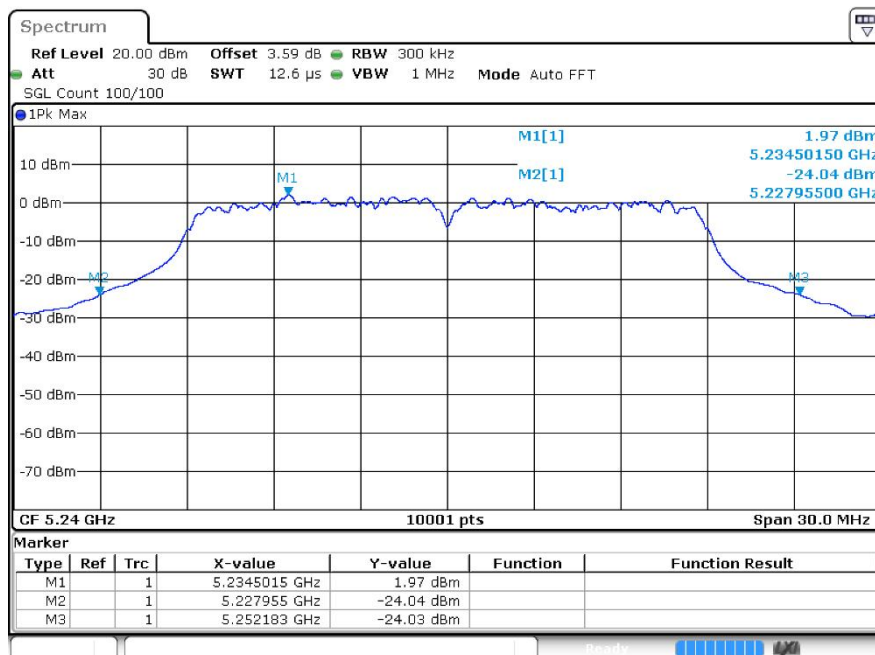
-26dB Bandwidth n20 5180MHz Ant1



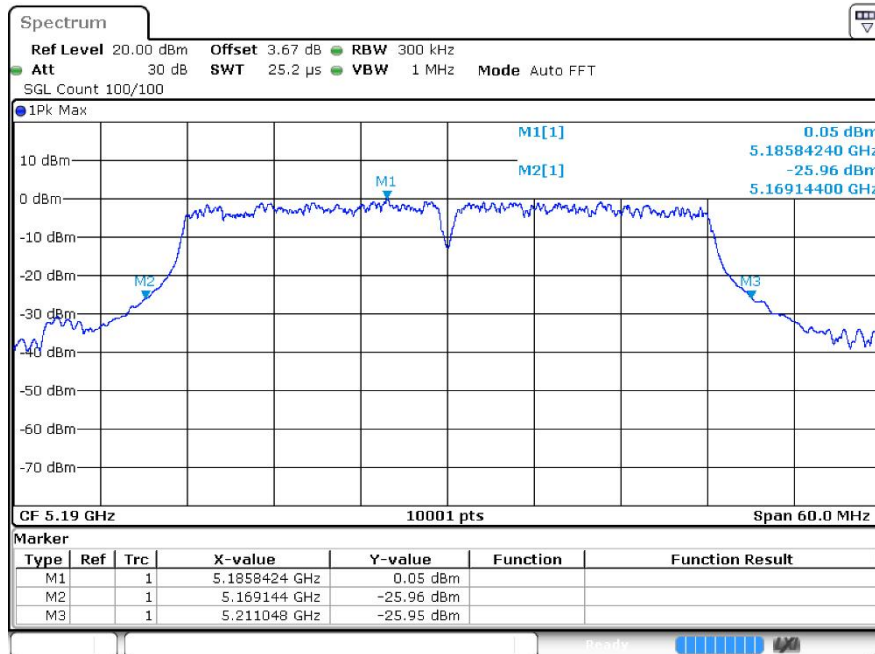
-26dB Bandwidth n20 5200MHz Ant1



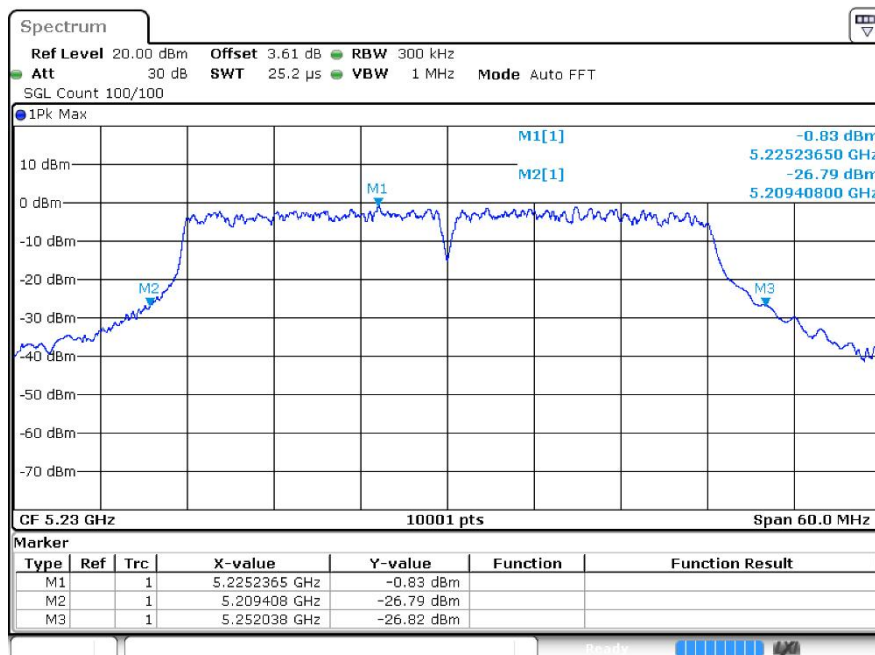
-26dB Bandwidth n20 5240MHz Ant1



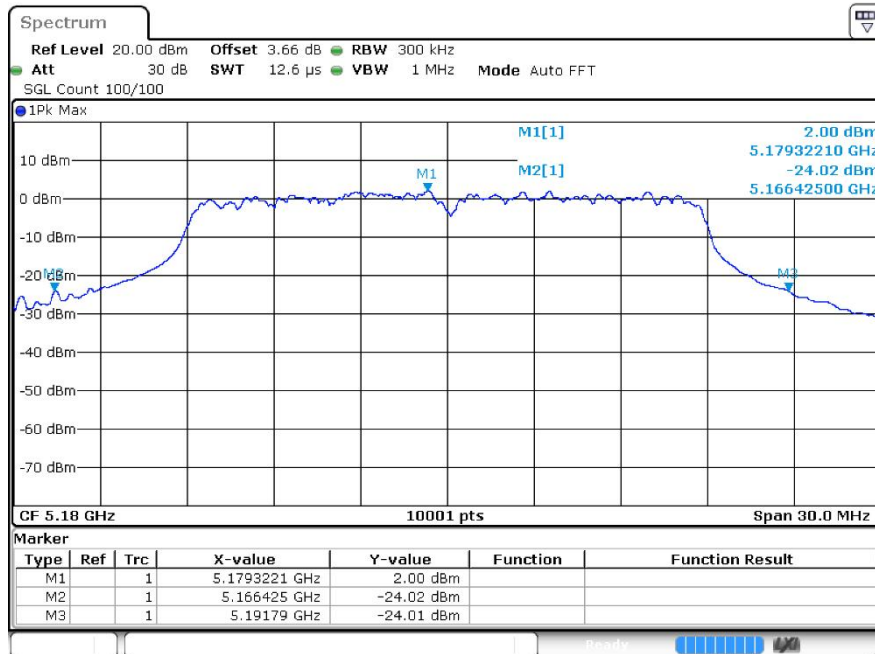
-26dB Bandwidth n40 5190MHz Ant1



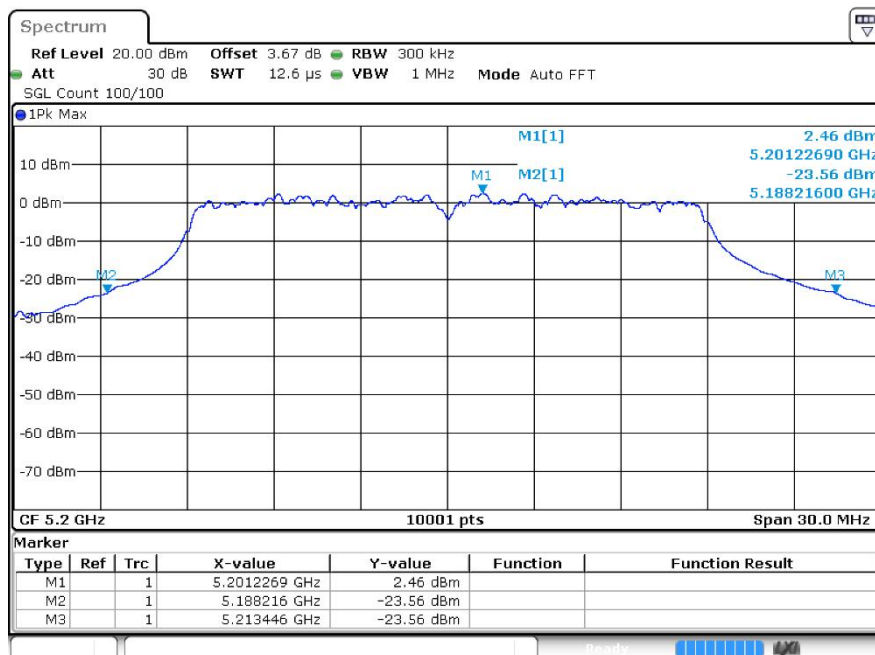
-26dB Bandwidth n40 5230MHz Ant1



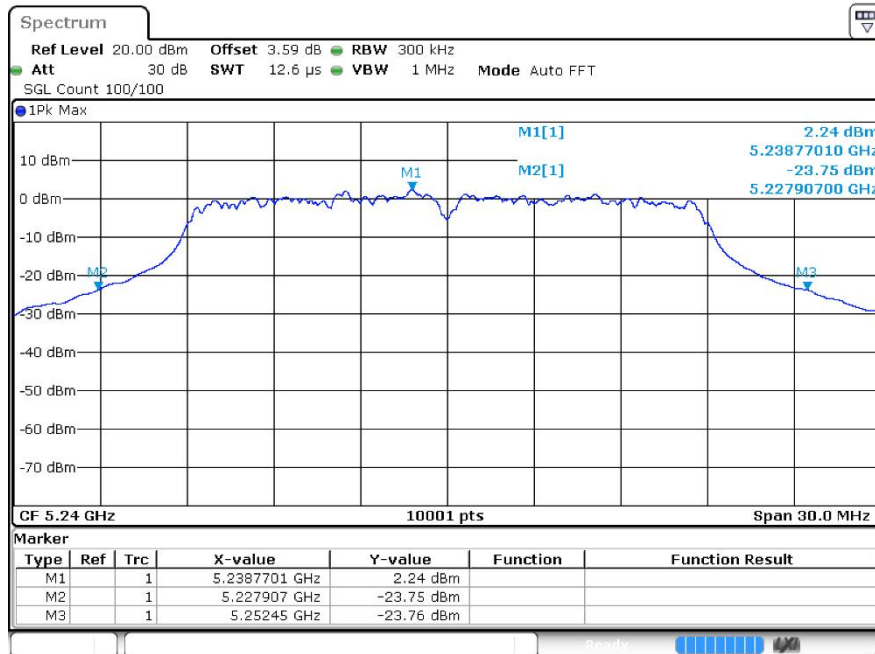
-26dB Bandwidth ac20 5180MHz Ant1



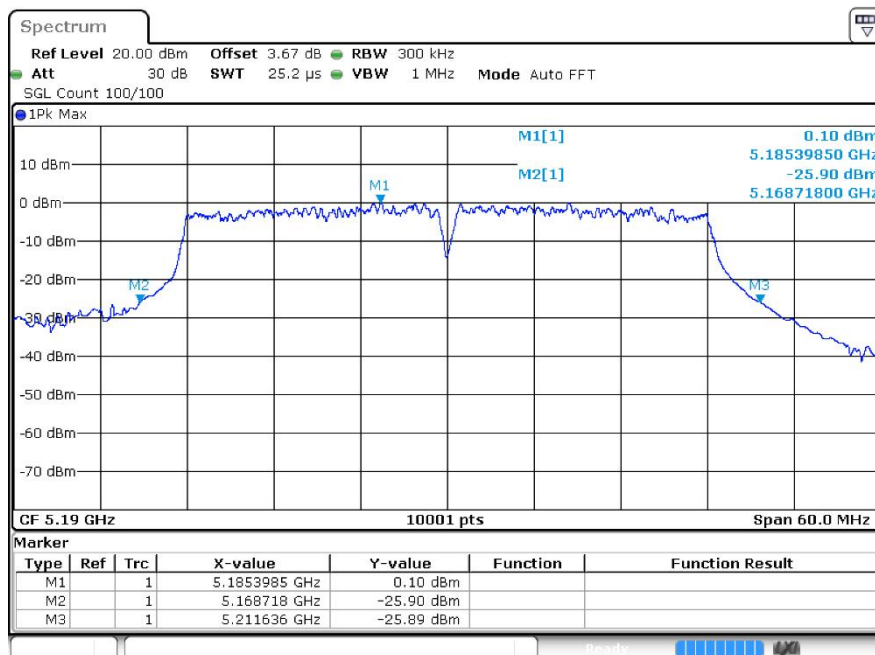
-26dB Bandwidth ac20 5200MHz Ant1



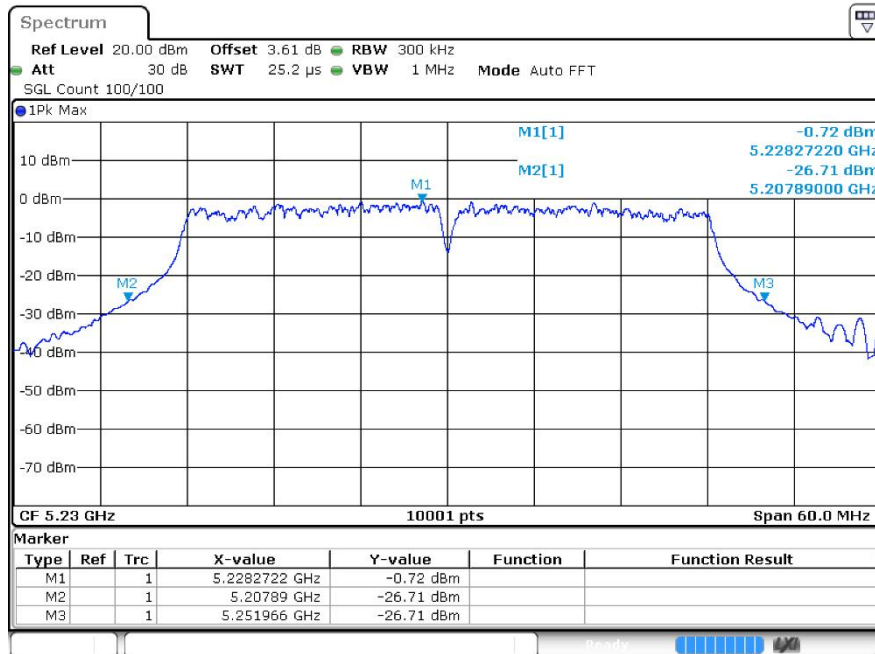
-26dB Bandwidth ac20 5240MHz Ant1



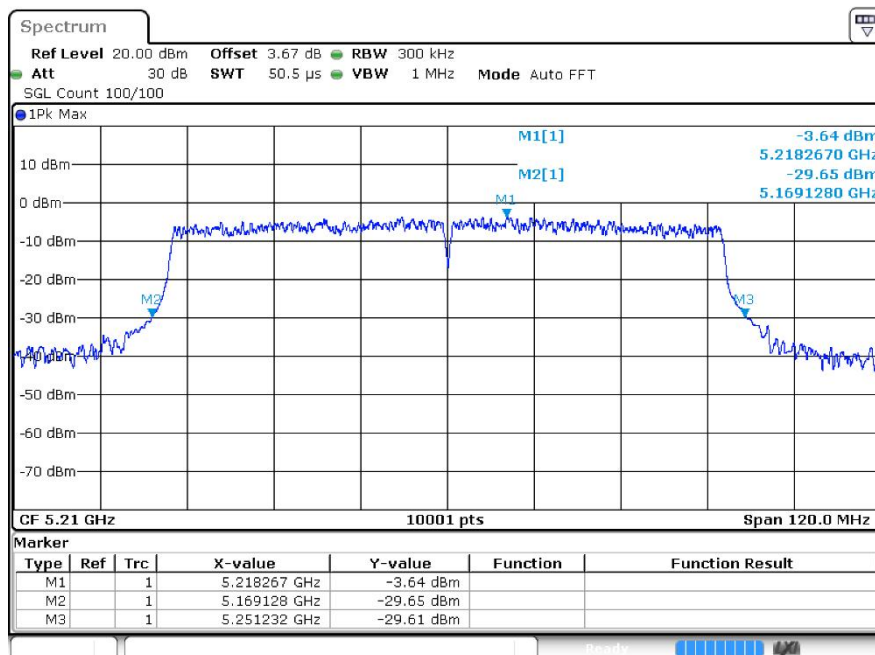
-26dB Bandwidth ac40 5190MHz Ant1



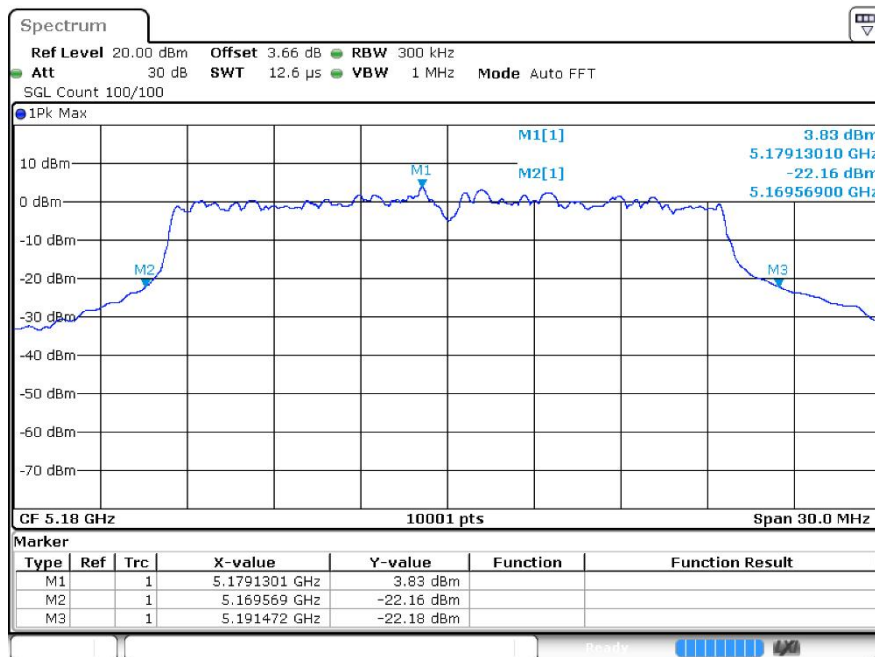
-26dB Bandwidth ac40 5230MHz Ant1



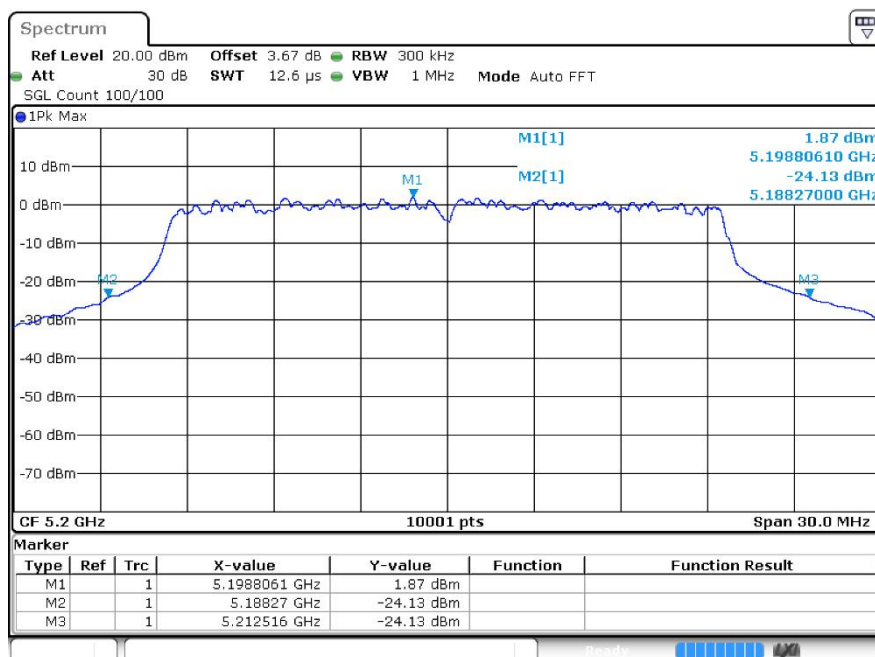
-26dB Bandwidth ac80 5210MHz Ant1



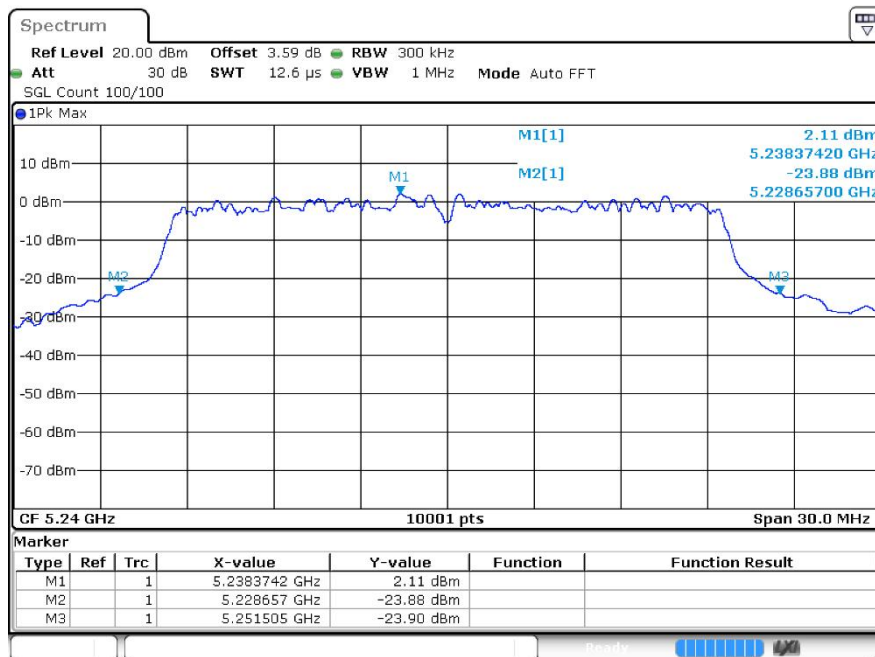
-26dB Bandwidth ax20 5180MHz Ant1



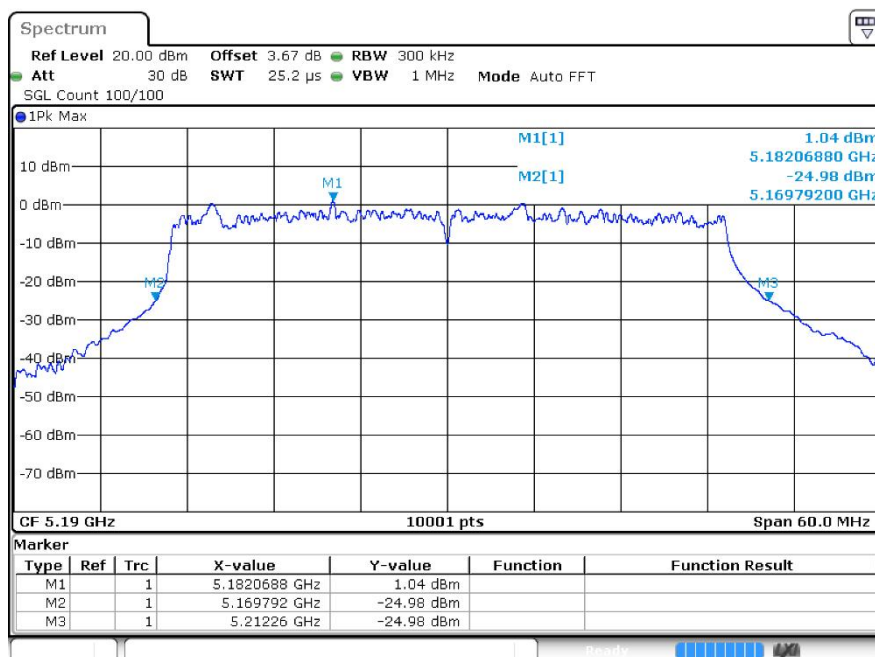
-26dB Bandwidth ax20 5200MHz Ant1



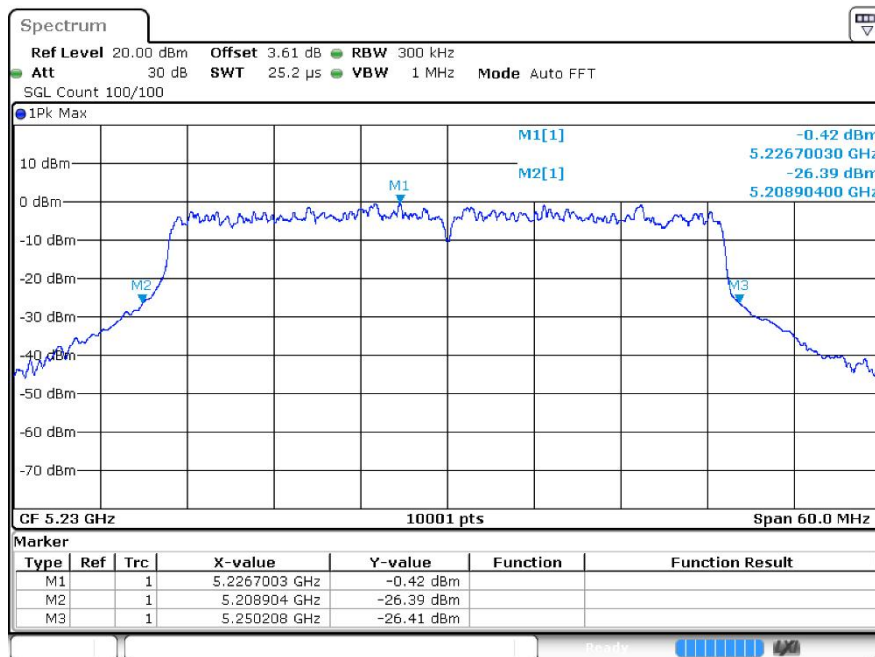
-26dB Bandwidth ax20 5240MHz Ant1



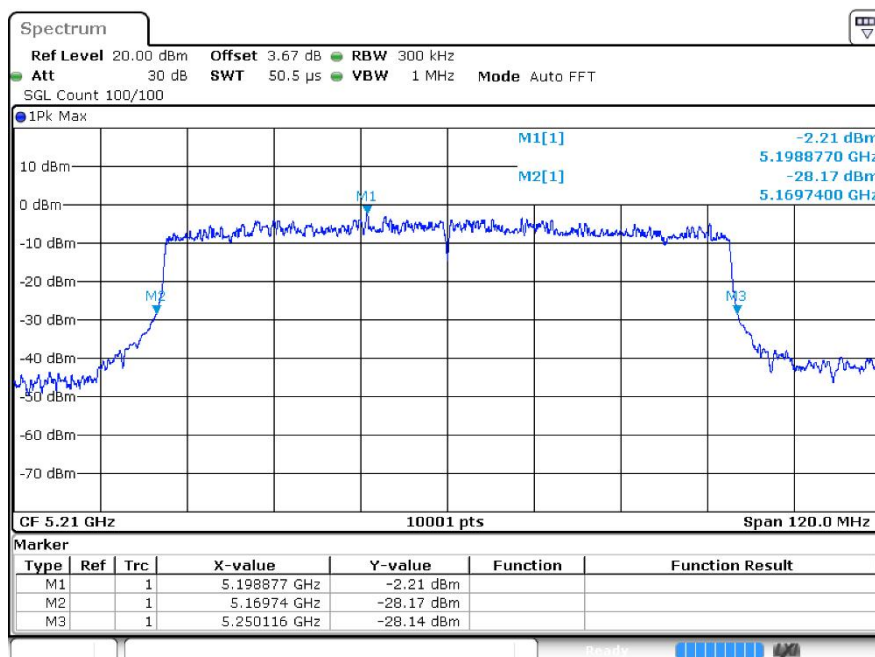
-26dB Bandwidth ax40 5190MHz Ant1



-26dB Bandwidth ax40 5230MHz Ant1



-26dB Bandwidth ax80 5210MHz Ant1



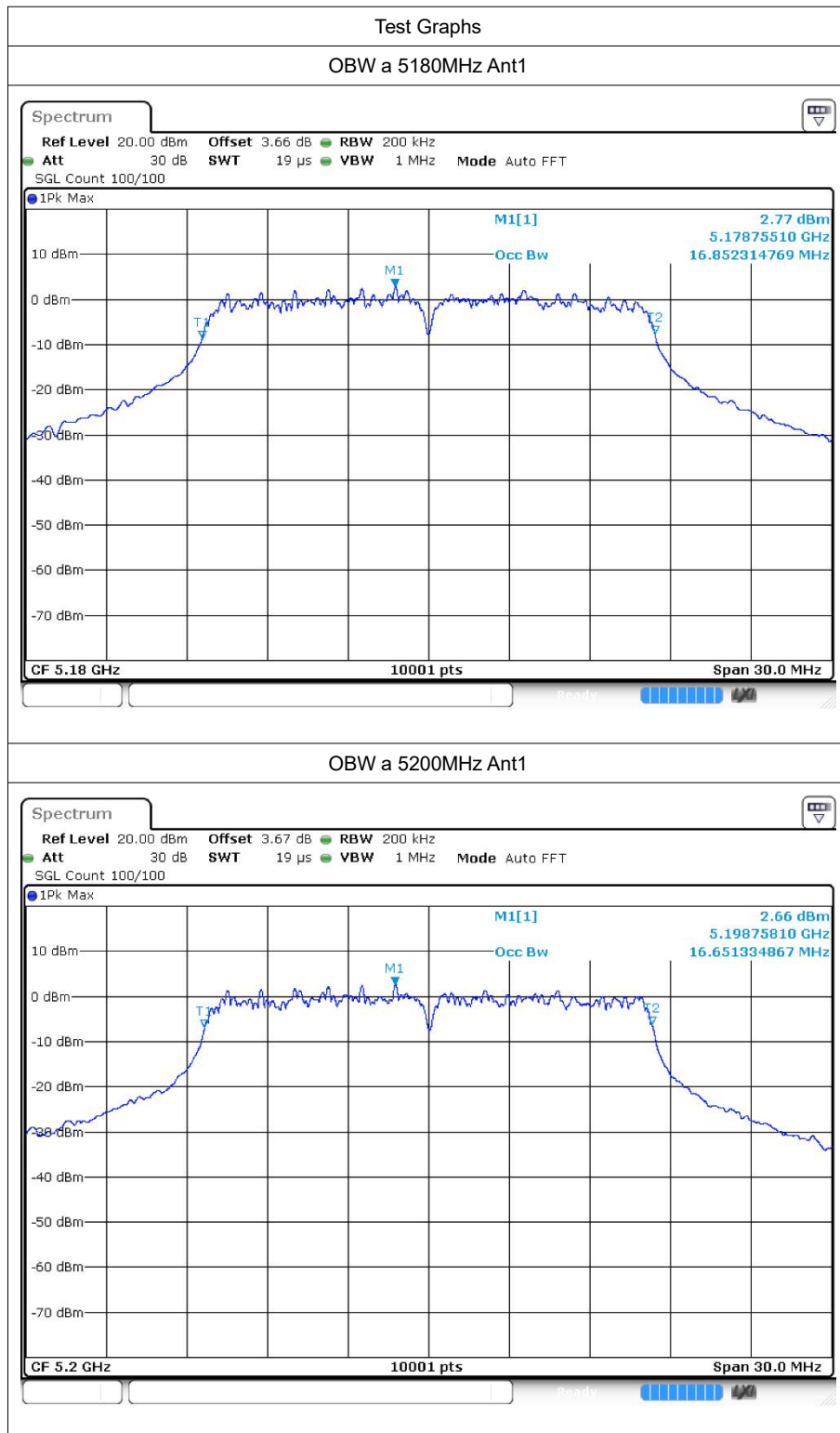


4 Occupied Channel Bandwidth

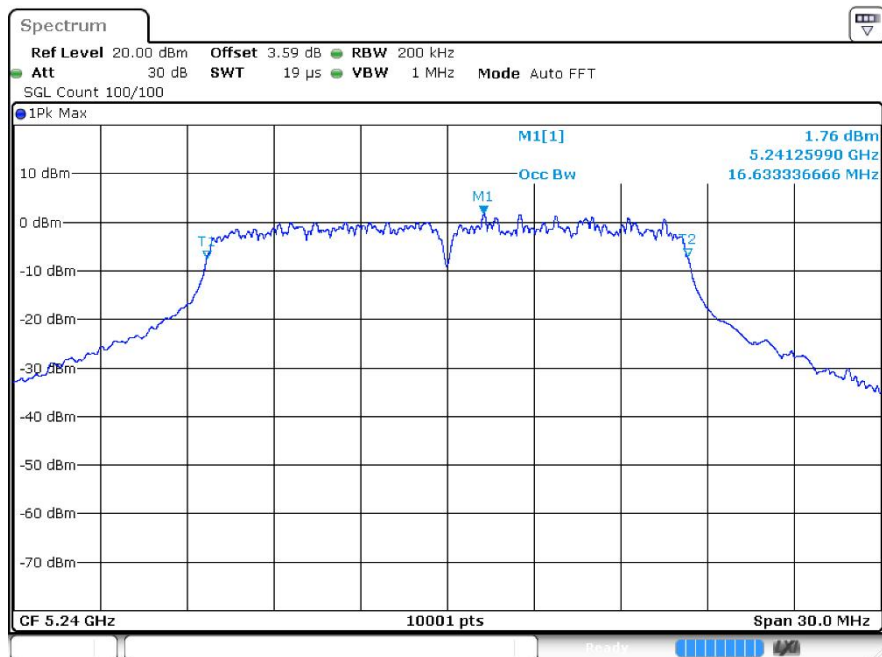
4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5180	Ant1	16.852
a	5200	Ant1	16.651
a	5240	Ant1	16.633
n20	5180	Ant1	17.791
n20	5200	Ant1	17.944
n20	5240	Ant1	18.031
n40	5190	Ant1	36.386
n40	5230	Ant1	36.392
ac20	5180	Ant1	17.908
ac20	5200	Ant1	17.734
ac20	5240	Ant1	17.767
ac40	5190	Ant1	36.602
ac40	5230	Ant1	36.422
ac80	5210	Ant1	75.952
ax20	5180	Ant1	19.021
ax20	5200	Ant1	19.069
ax20	5240	Ant1	18.925
ax40	5190	Ant1	38.048
ax40	5230	Ant1	37.766
ax80	5210	Ant1	77.32

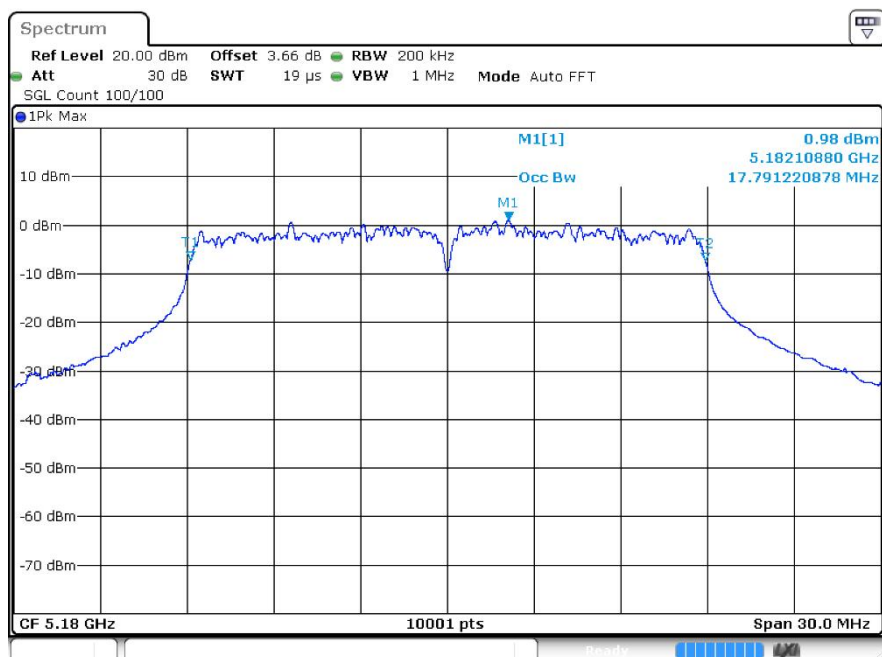
4.2 Test Graphs



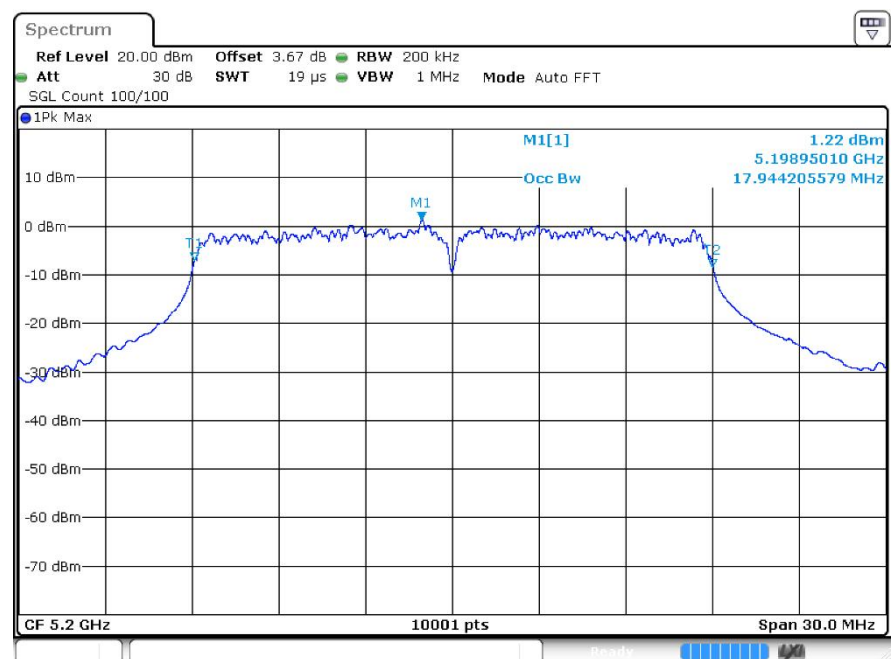
OBW a 5240MHz Ant1



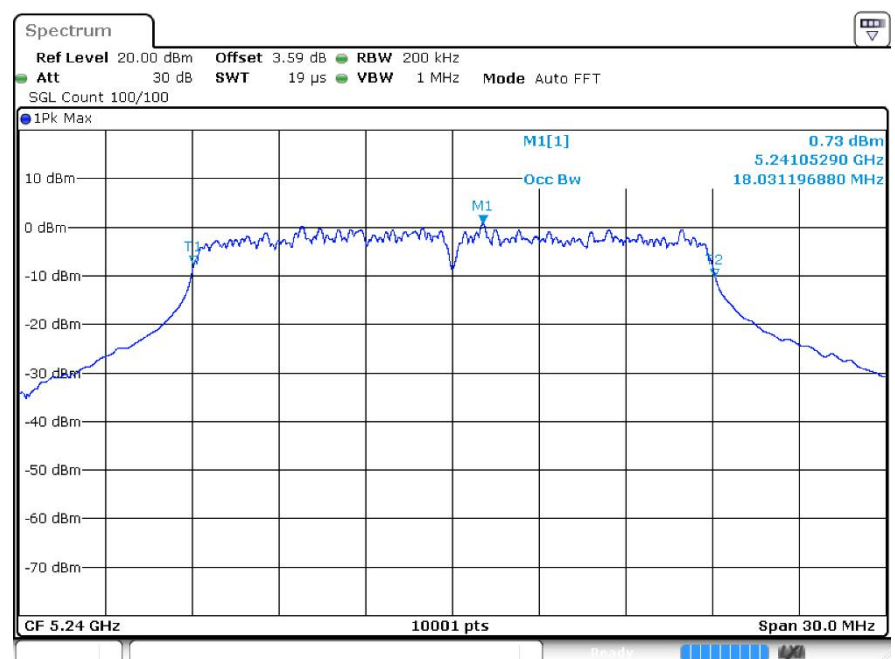
OBW n20 5180MHz Ant1



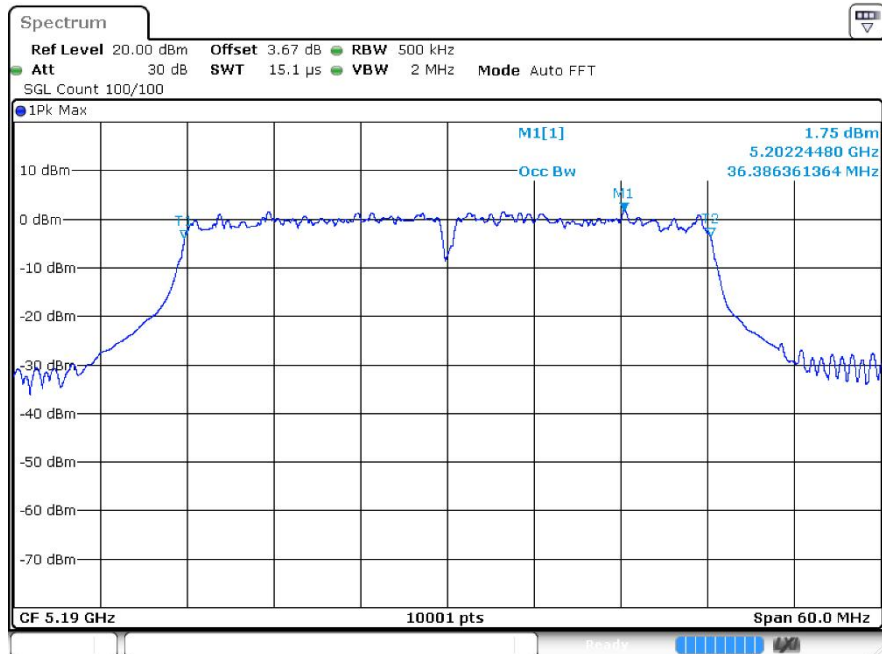
OBW n20 5200MHz Ant1



OBW n20 5240MHz Ant1



OBW n40 5190MHz Ant1



OBW n40 5230MHz Ant1

