



Appendix E

RF Test Data for 5.8GWIFI(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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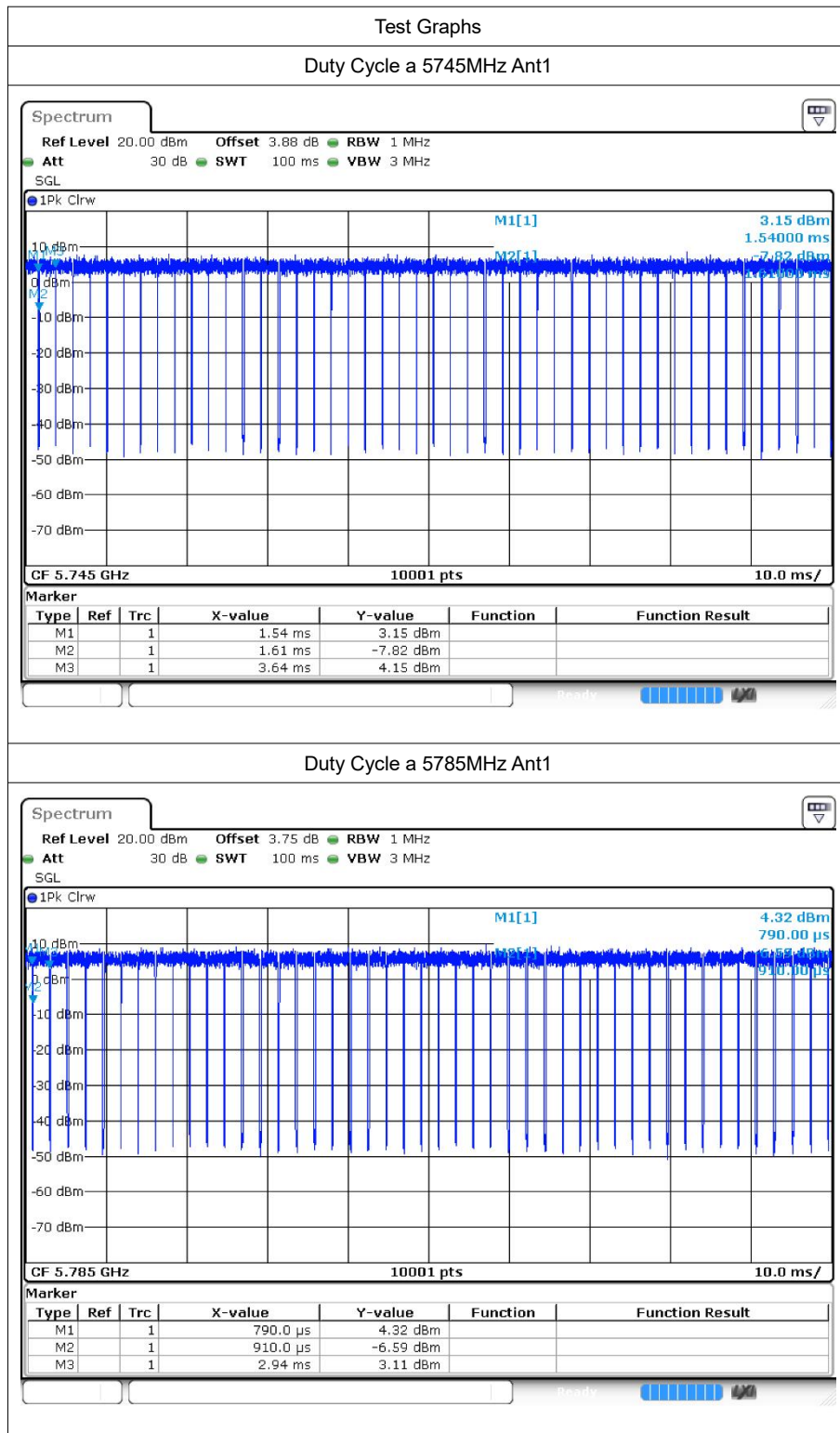
1 Duty Cycle

1.1 Test Result

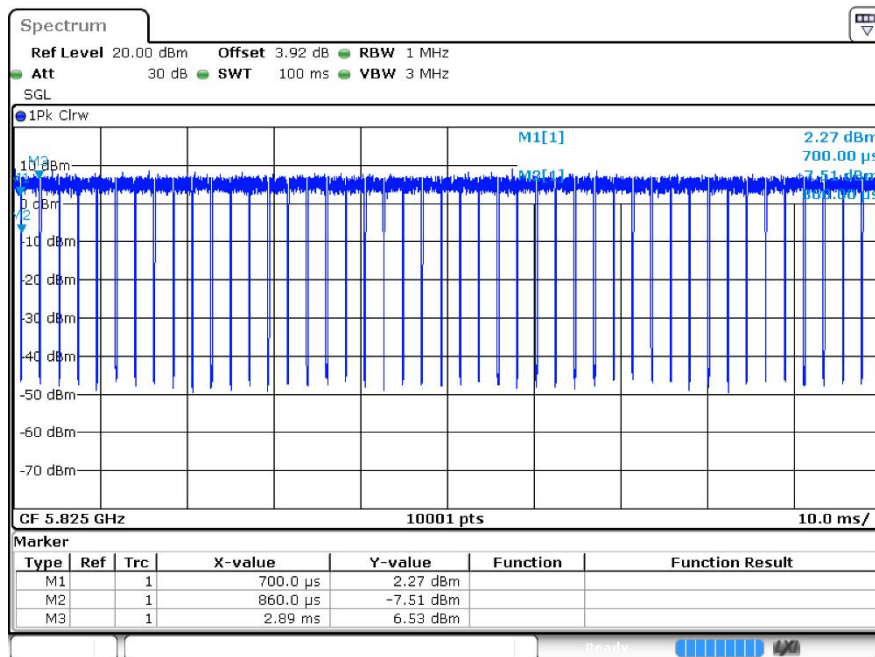
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5745	Ant1	95.5	0.2	0.49
a	5785	Ant1	93.06	0.31	0.49
a	5825	Ant1	92.66	0.33	0.49
n20	5745	Ant1	97.7	0.1	0.2
n20	5785	Ant1	96.71	0.15	0.2
n20	5825	Ant1	97.86	0.09	0.2
n40	5755	Ant1	96.55	0.15	0.2
n40	5795	Ant1	97.56	0.11	0.2
ac20	5745	Ant1	97.53	0.11	0.2
ac20	5785	Ant1	96.66	0.15	0.2
ac20	5825	Ant1	97.66	0.1	0.2
ac40	5755	Ant1	97.88	0.09	0.2
ac40	5795	Ant1	96.88	0.14	0.2
ac80	5775	Ant1	97.18	0.12	0.22
ax20	5745	Ant1	97.42	0.11	0.26
ax20	5785	Ant1	97.44	0.11	0.26
ax20	5825	Ant1	97.48	0.11	0.26
ax40	5755	Ant1	96.1	0.17	0.26
ax40	5795	Ant1	97.29	0.12	0.26
ax80	5775	Ant1	95.58	0.2	0.27



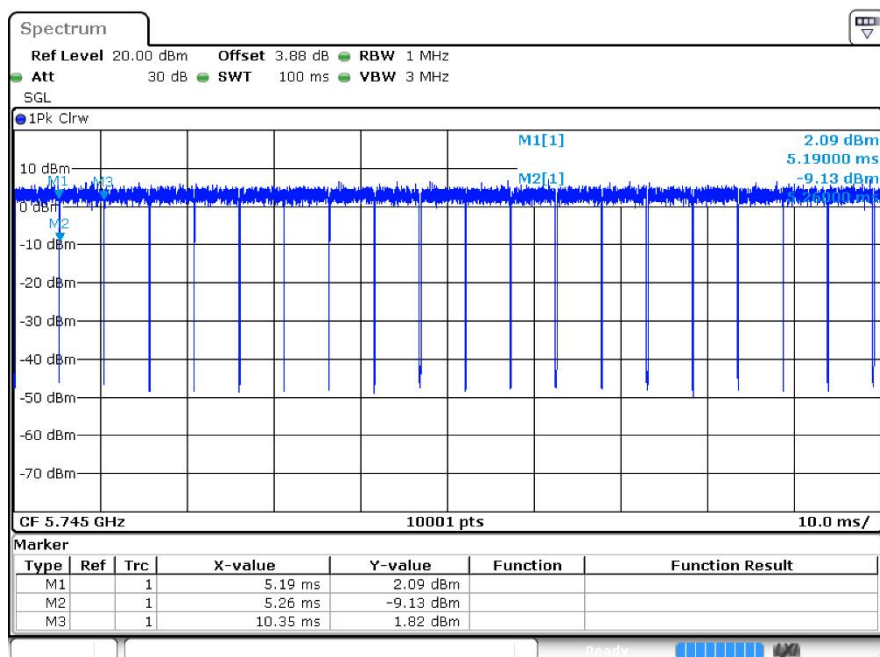
1.2 Test Graphs



Duty Cycle a 5825MHz Ant1

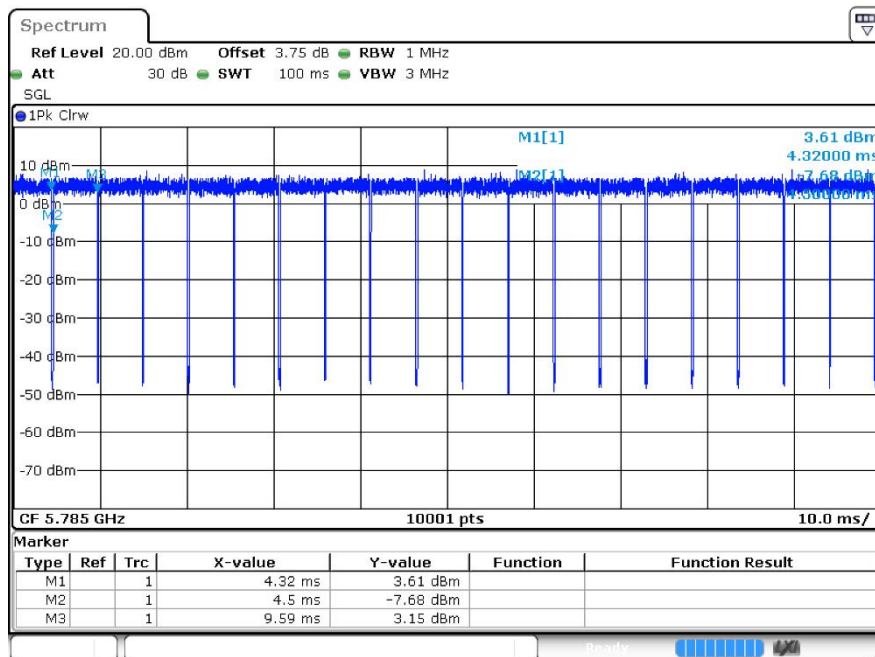


Duty Cycle n20 5745MHz Ant1

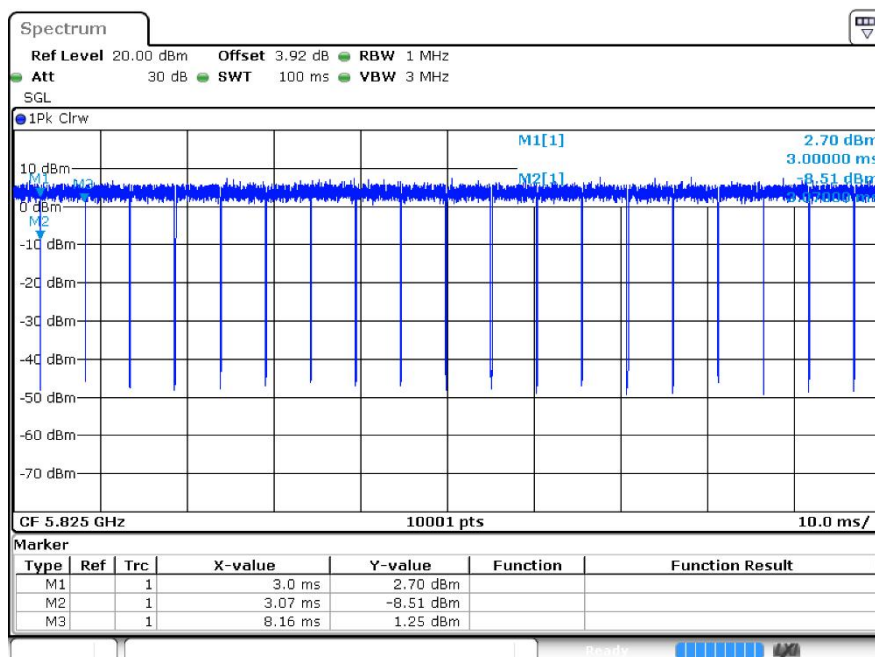




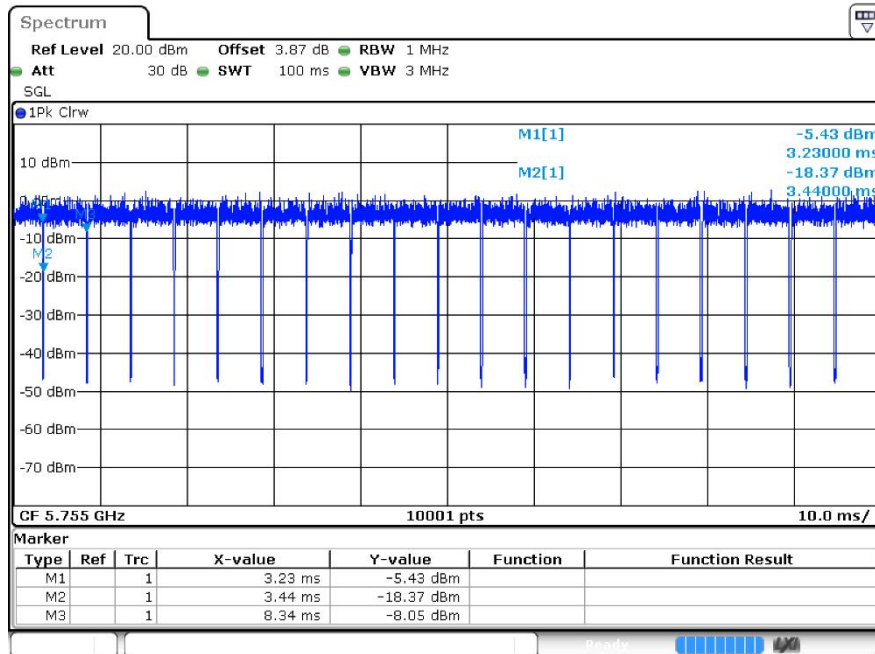
Duty Cycle n20 5785MHz Ant1



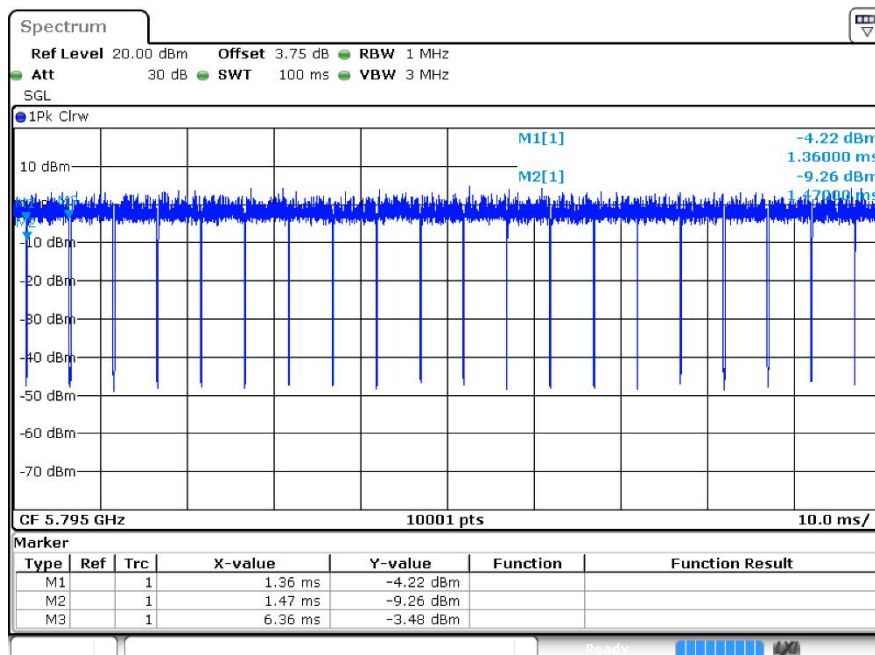
Duty Cycle n20 5825MHz Ant1



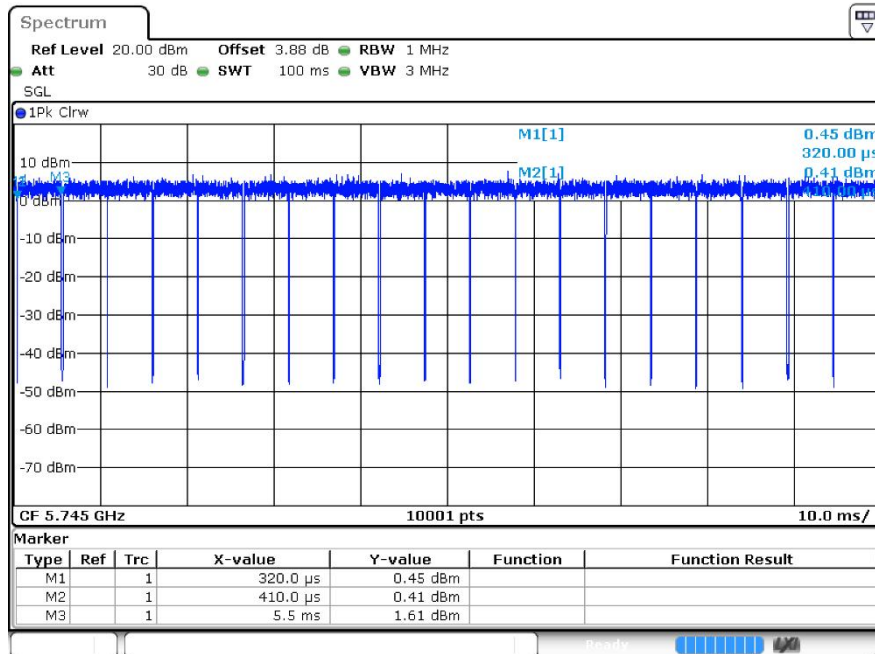
Duty Cycle n40 5755MHz Ant1



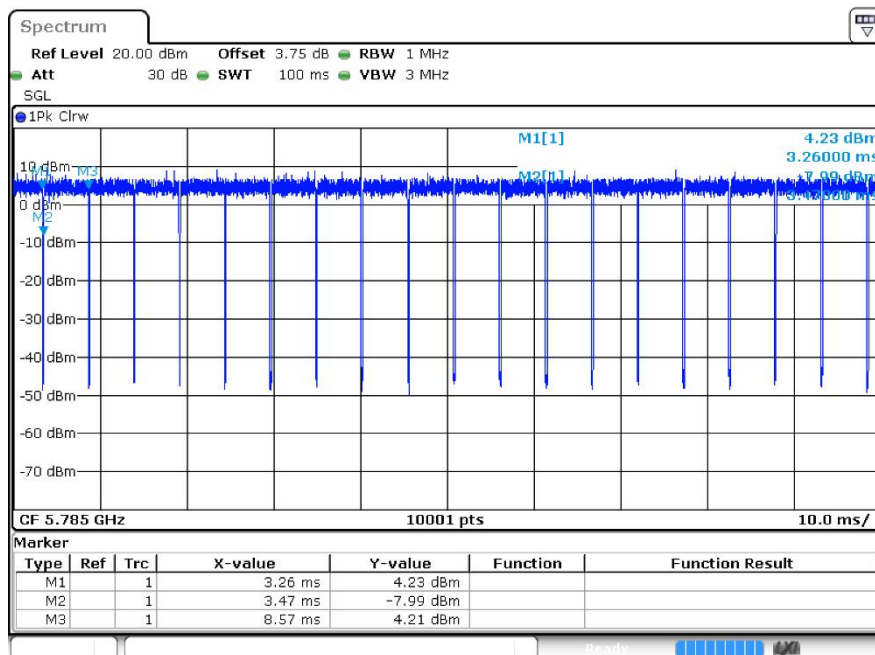
Duty Cycle n40 5795MHz Ant1



Duty Cycle ac20 5745MHz Ant1

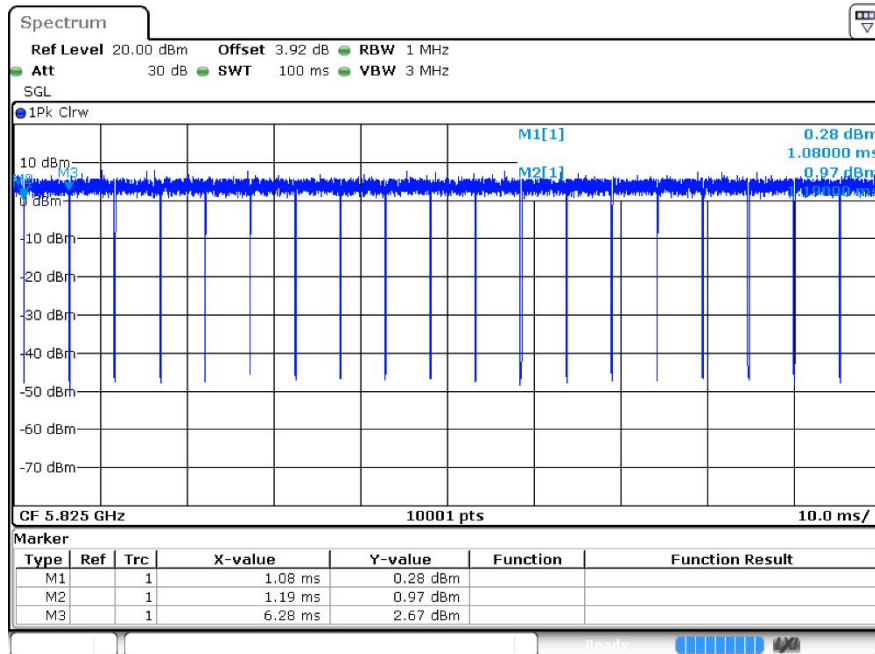


Duty Cycle ac20 5785MHz Ant1

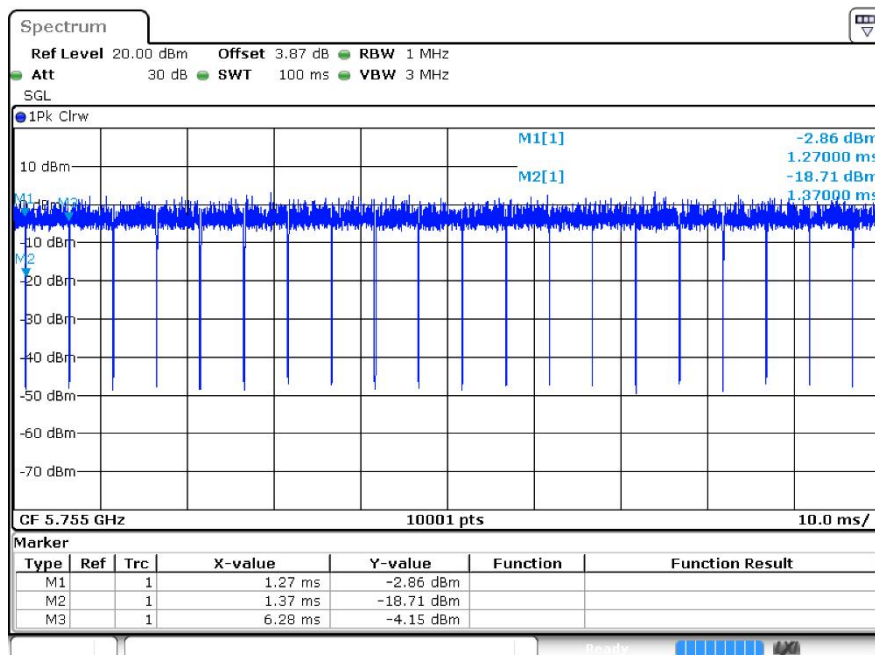




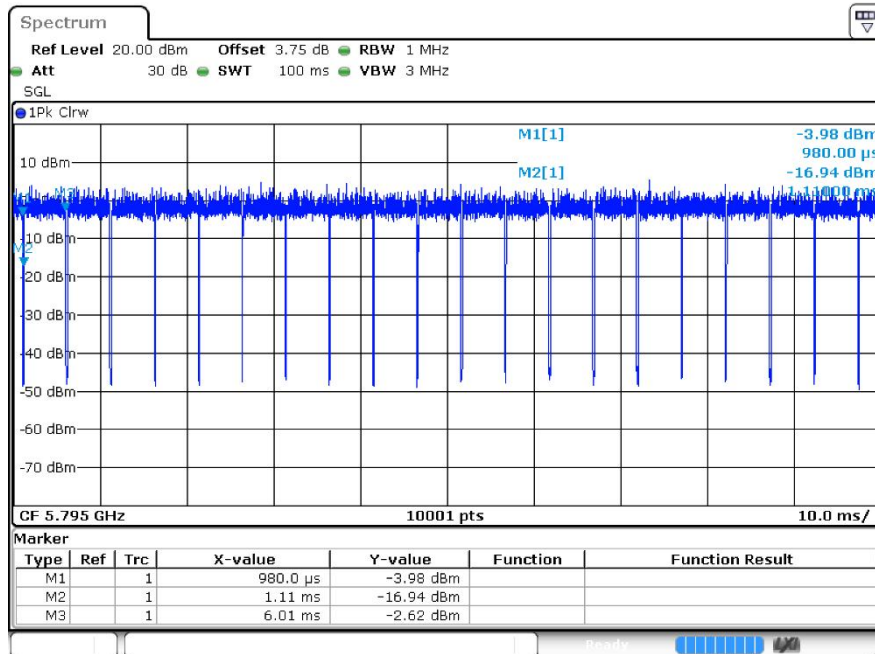
Duty Cycle ac20 5825MHz Ant1



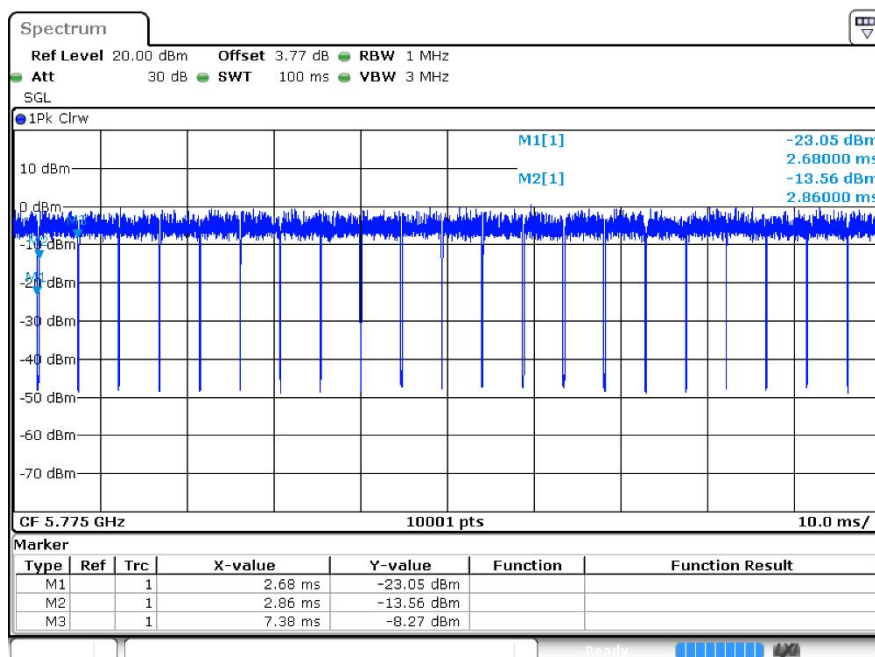
Duty Cycle ac40 5755MHz Ant1



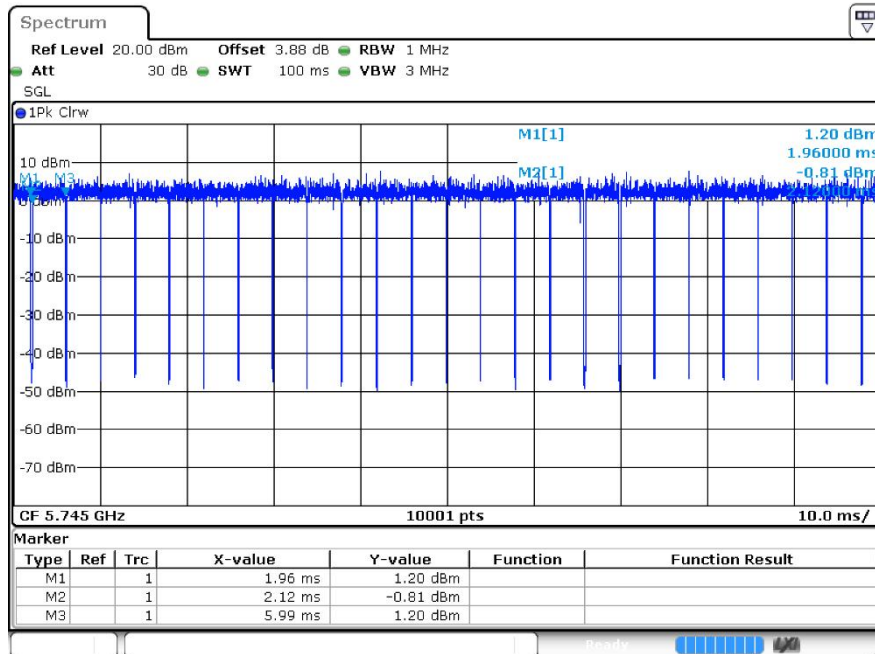
Duty Cycle ac40 5795MHz Ant1



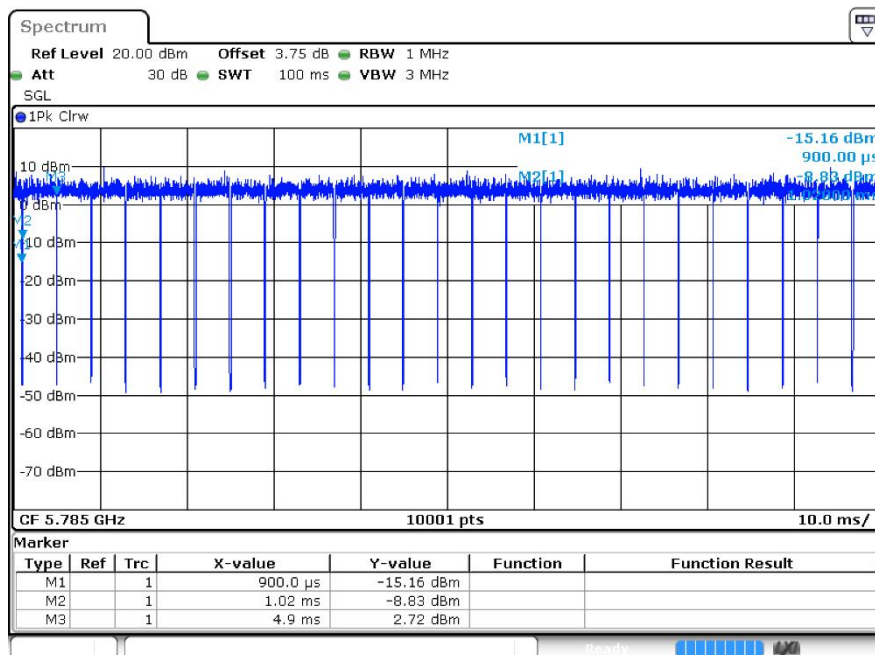
Duty Cycle ac80 5775MHz Ant1



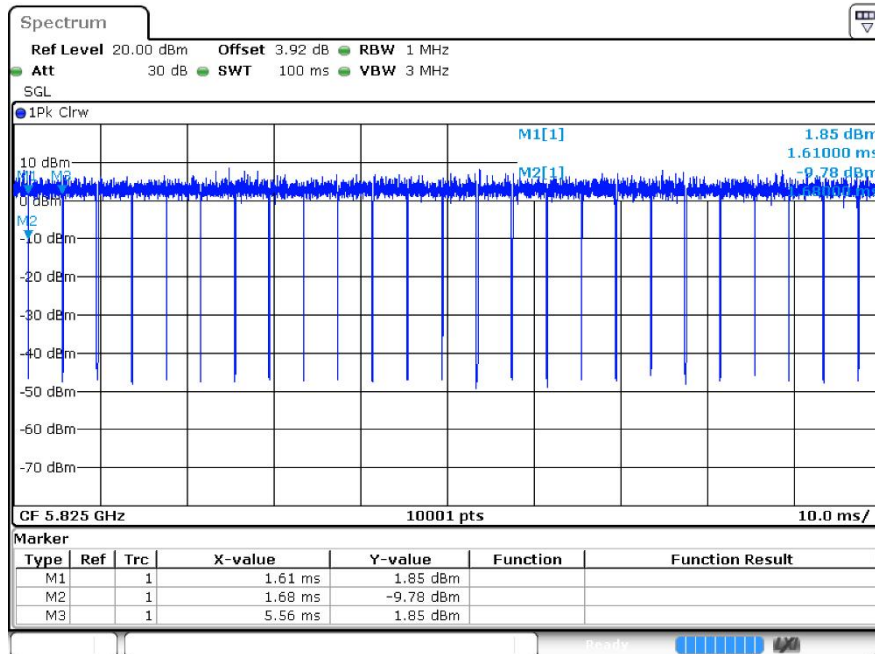
Duty Cycle ax20 5745MHz Ant1



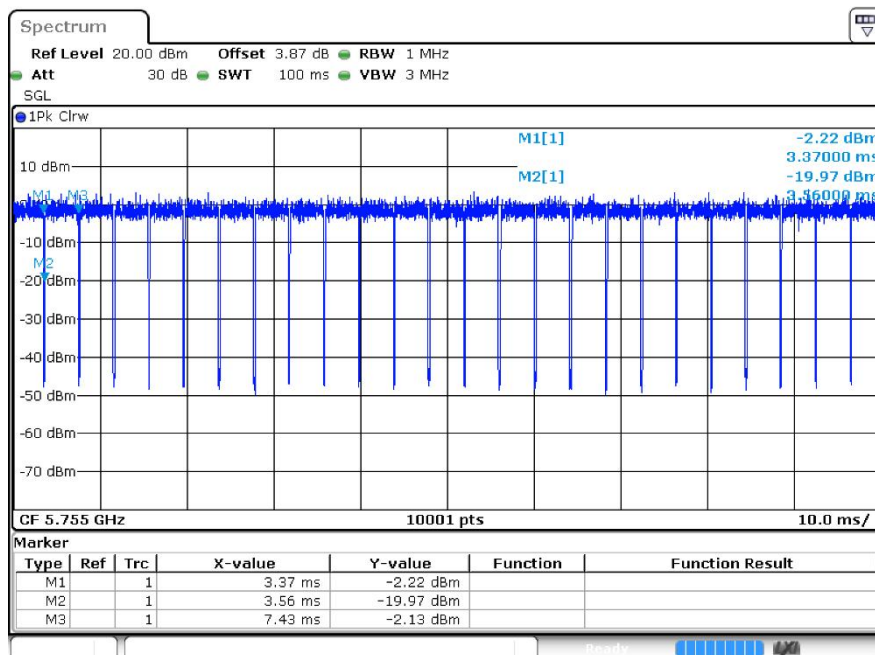
Duty Cycle ax20 5785MHz Ant1



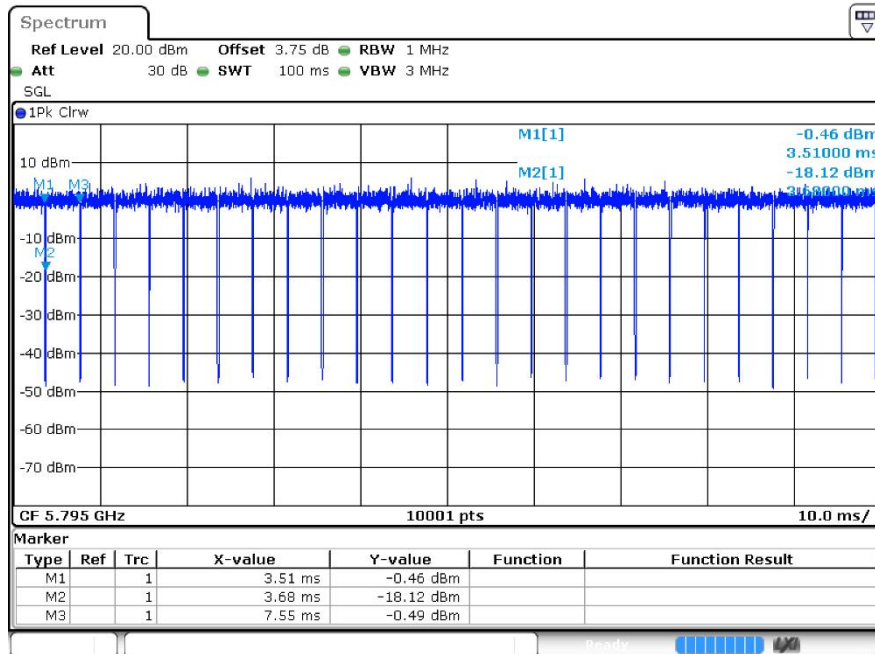
Duty Cycle ax20 5825MHz Ant1



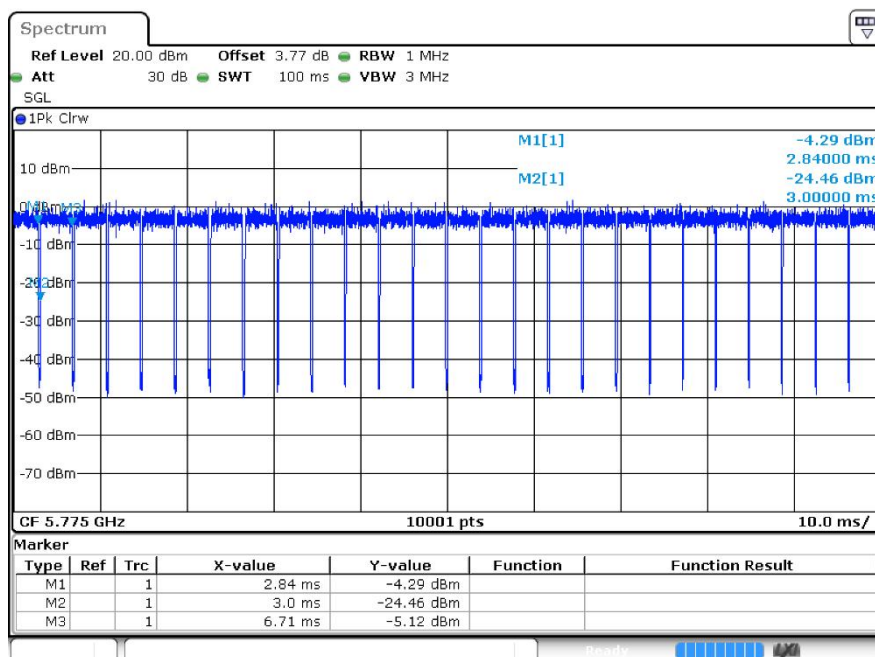
Duty Cycle ax40 5755MHz Ant1



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	15.47	30	Pass
a	5785	Ant1	16.78	30	Pass
a	5825	Ant1	16.18	30	Pass
n20	5745	Ant1	14.43	30	Pass
n20	5785	Ant1	15.84	30	Pass
n20	5825	Ant1	15.17	30	Pass
n40	5755	Ant1	14.74	30	Pass
n40	5795	Ant1	15.95	30	Pass
ac20	5745	Ant1	14.48	30	Pass
ac20	5785	Ant1	15.85	30	Pass
ac20	5825	Ant1	15.14	30	Pass
ac40	5755	Ant1	14.84	30	Pass
ac40	5795	Ant1	15.96	30	Pass
ac80	5775	Ant1	15.17	30	Pass
ax20	5745	Ant1	14.42	30	Pass
ax20	5785	Ant1	15.85	30	Pass
ax20	5825	Ant1	15.15	30	Pass
ax40	5755	Ant1	14.88	30	Pass
ax40	5795	Ant1	16.05	30	Pass
ax80	5775	Ant1	15.2	30	Pass

Note:

The duty factor has been compensated into the result.

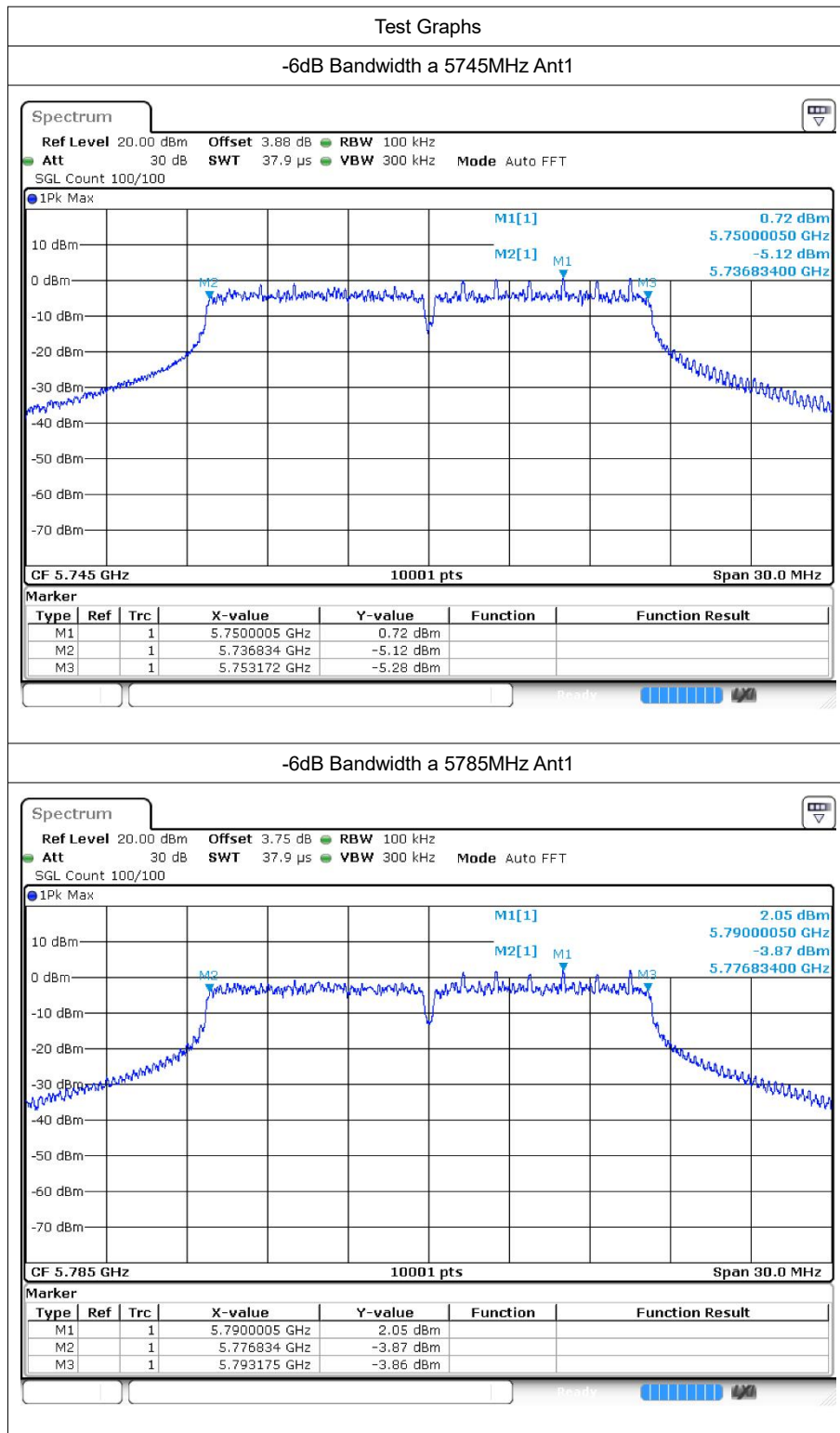


3 -6dB Bandwidth

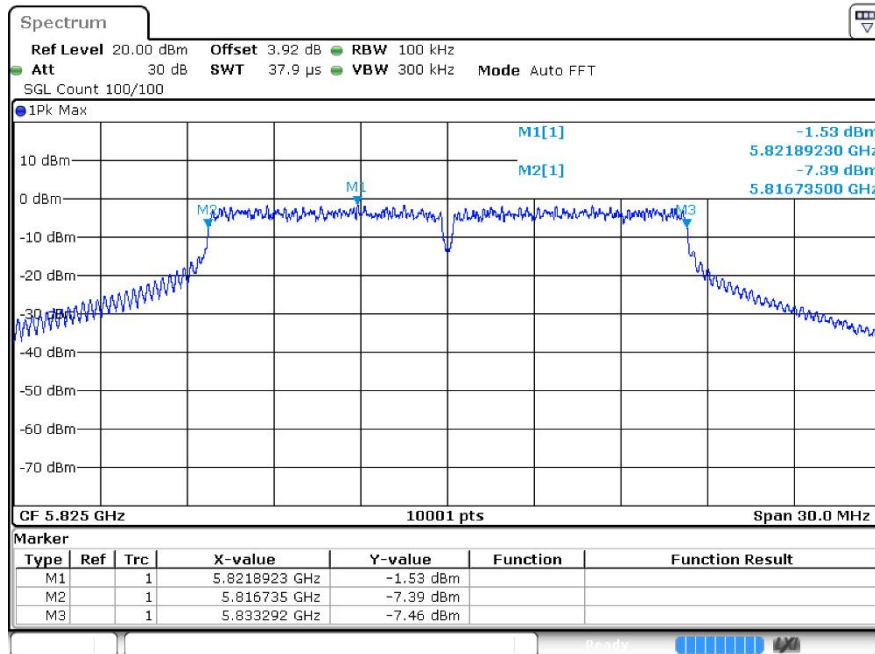
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant1	16.338	0.5	Pass
a	5785	Ant1	16.341	0.5	Pass
a	5825	Ant1	16.557	0.5	Pass
n20	5745	Ant1	17.799	0.5	Pass
n20	5785	Ant1	17.724	0.5	Pass
n20	5825	Ant1	17.808	0.5	Pass
n40	5755	Ant1	36.57	0.5	Pass
n40	5795	Ant1	36.324	0.5	Pass
ac20	5745	Ant1	17.589	0.5	Pass
ac20	5785	Ant1	17.574	0.5	Pass
ac20	5825	Ant1	17.58	0.5	Pass
ac40	5755	Ant1	36.516	0.5	Pass
ac40	5795	Ant1	36.342	0.5	Pass
ac80	5775	Ant1	76.32	0.5	Pass
ax20	5745	Ant1	19.134	0.5	Pass
ax20	5785	Ant1	18.798	0.5	Pass
ax20	5825	Ant1	19.101	0.5	Pass
ax40	5755	Ant1	37.98	0.5	Pass
ax40	5795	Ant1	38.154	0.5	Pass
ax80	5775	Ant1	78	0.5	Pass

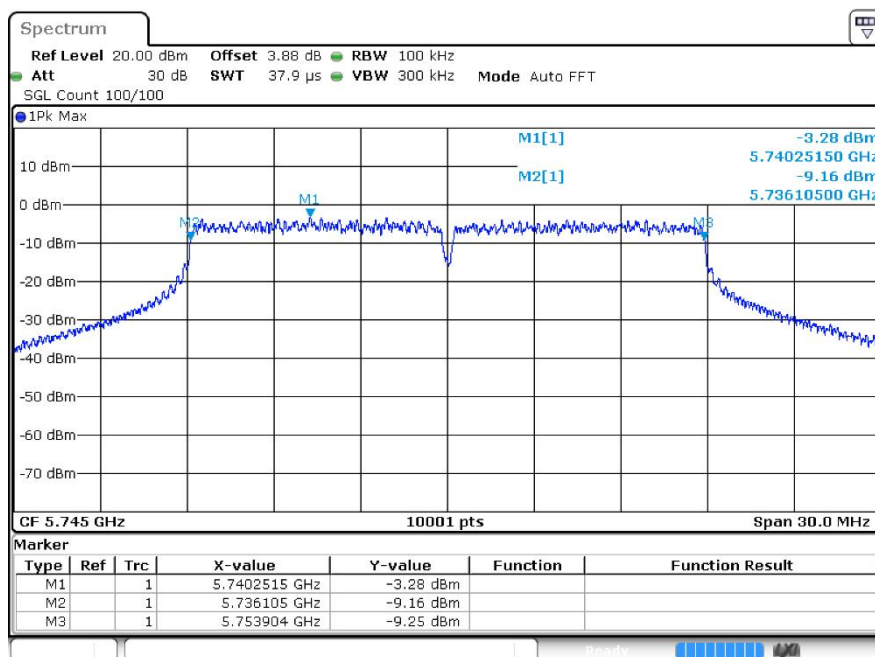
3.2 Test Graphs



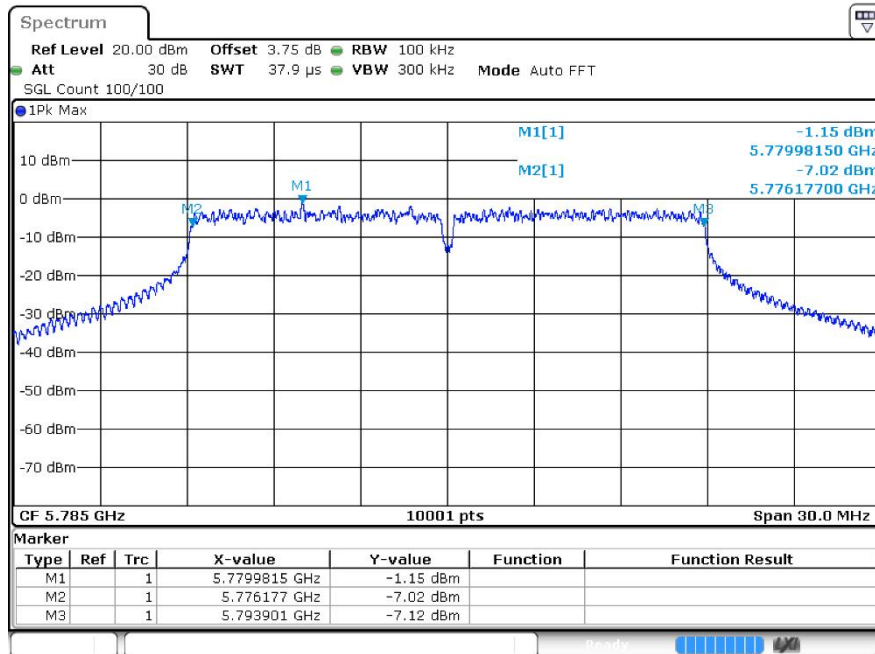
-6dB Bandwidth a 5825MHz Ant1



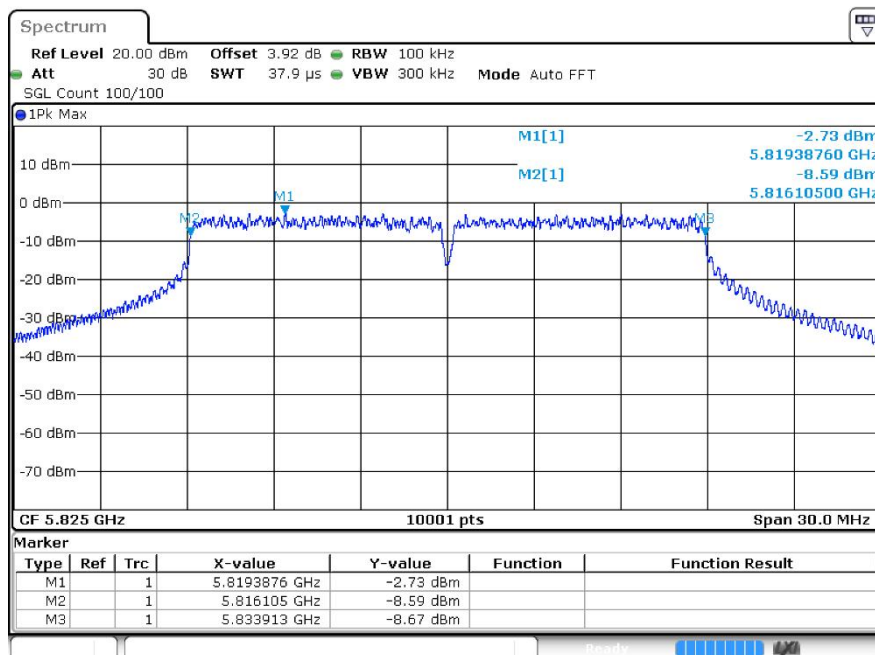
-6dB Bandwidth n20 5745MHz Ant1



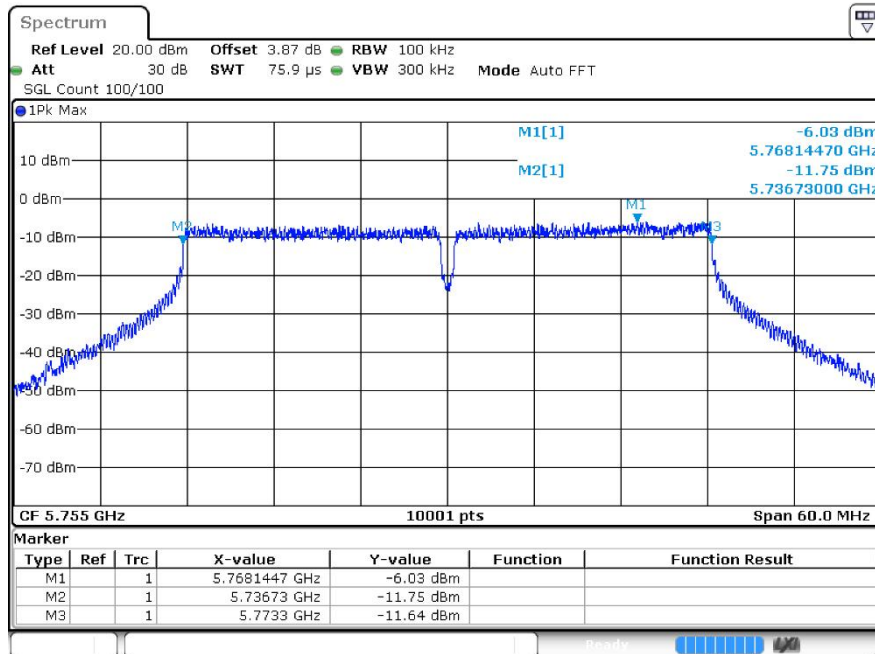
-6dB Bandwidth n20 5785MHz Ant1



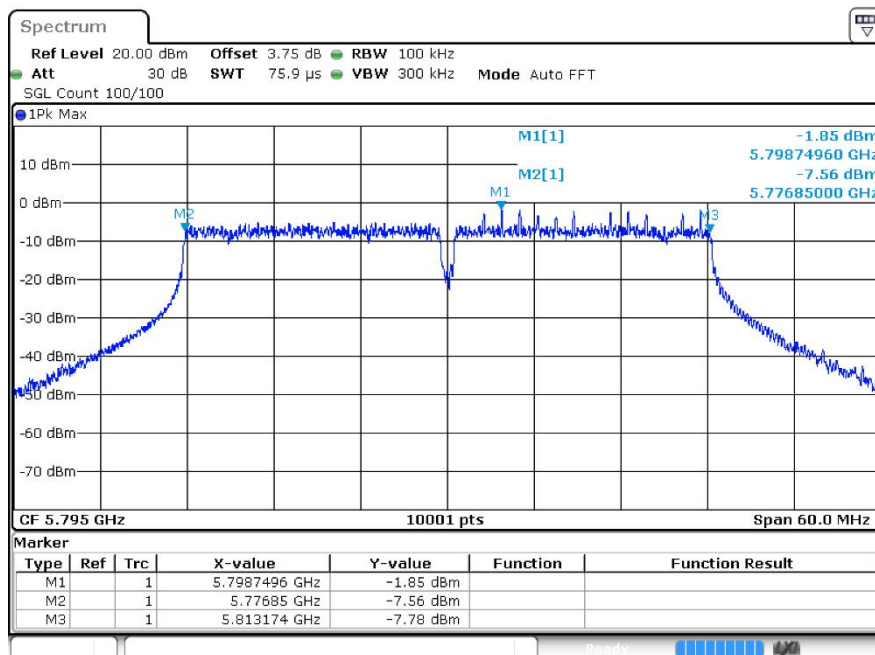
-6dB Bandwidth n20 5825MHz Ant1



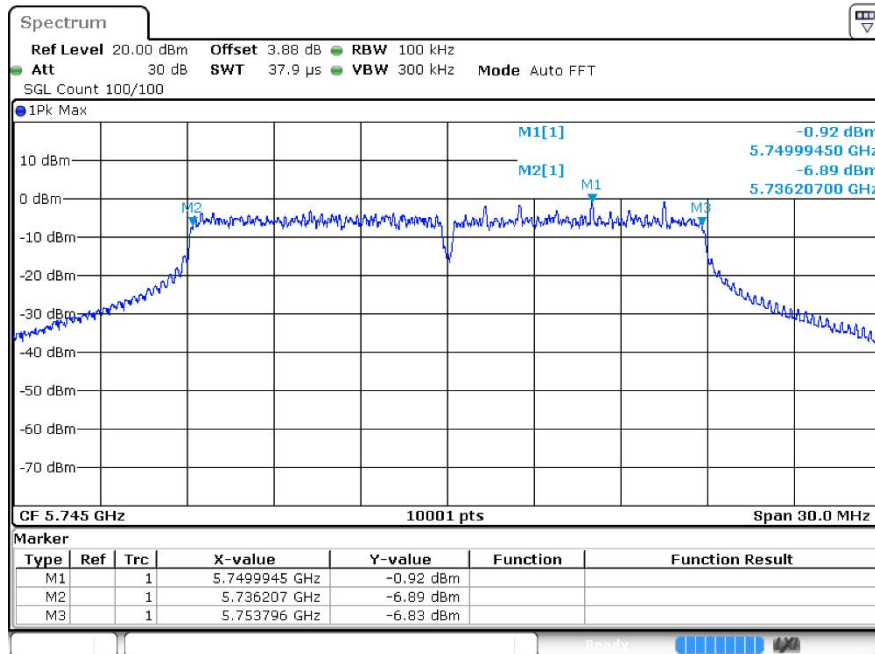
-6dB Bandwidth n40 5755MHz Ant1



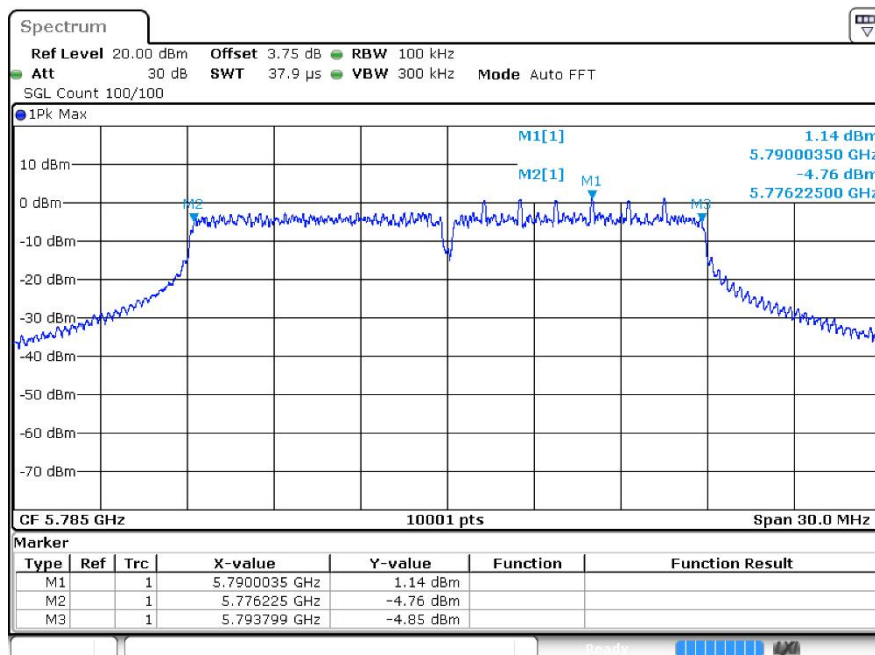
-6dB Bandwidth n40 5795MHz Ant1



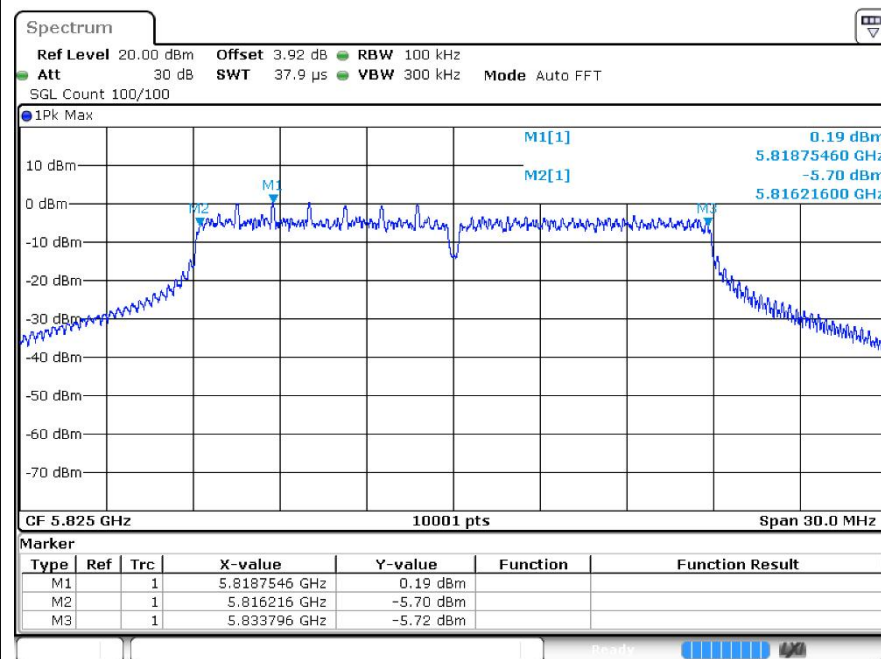
-6dB Bandwidth ac20 5745MHz Ant1



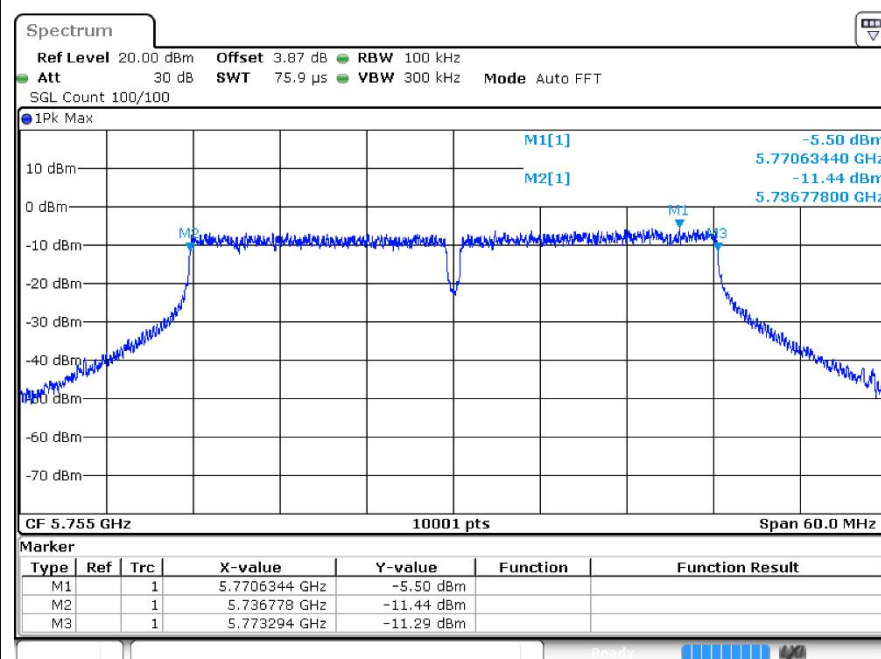
-6dB Bandwidth ac20 5785MHz Ant1



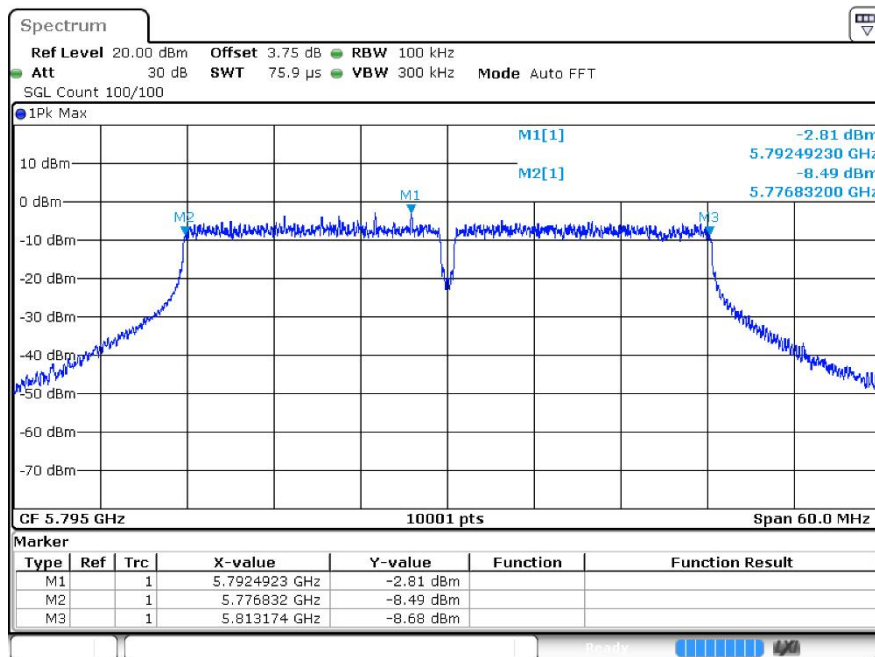
-6dB Bandwidth ac20 5825MHz Ant1



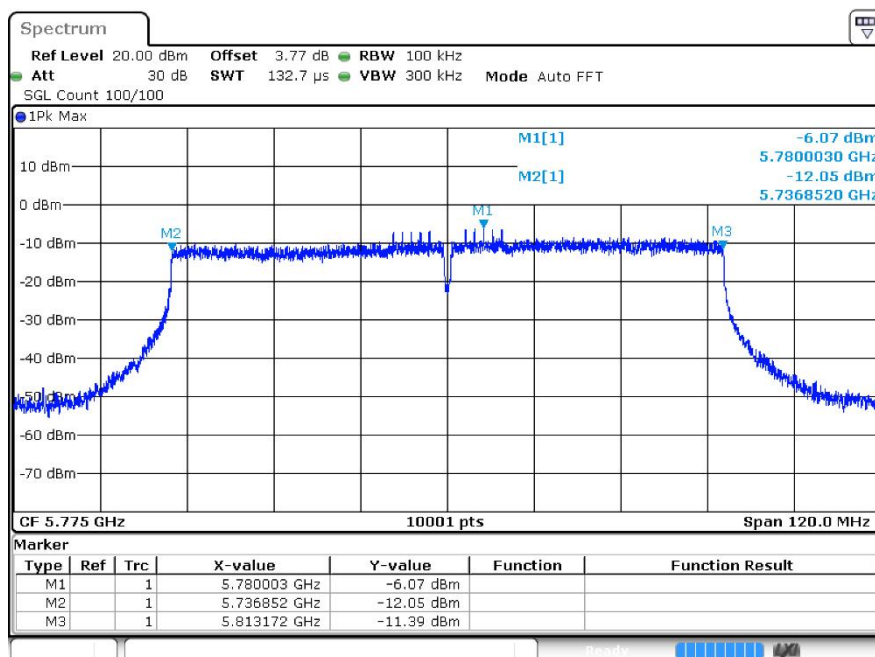
-6dB Bandwidth ac40 5755MHz Ant1



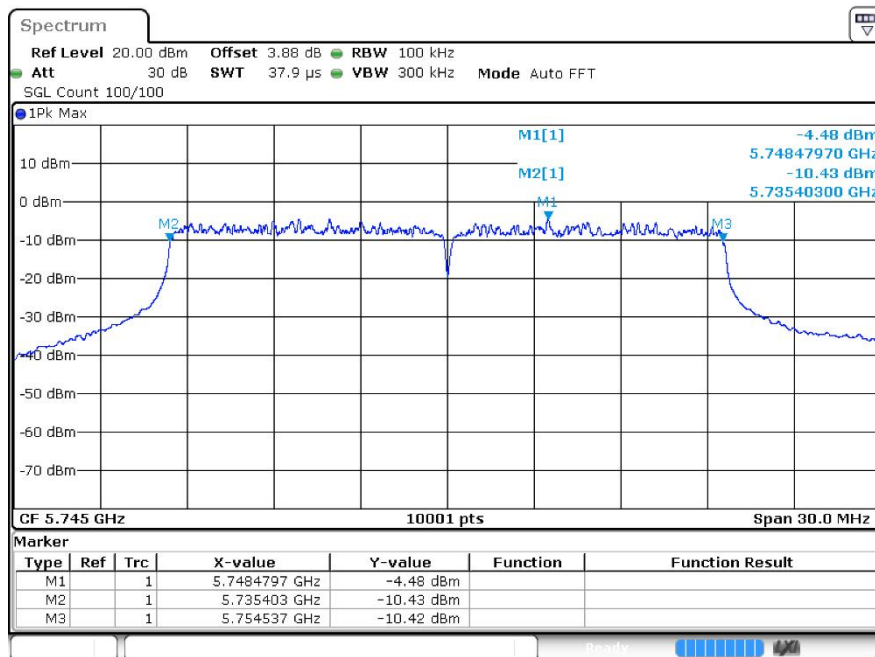
-6dB Bandwidth ac40 5795MHz Ant1



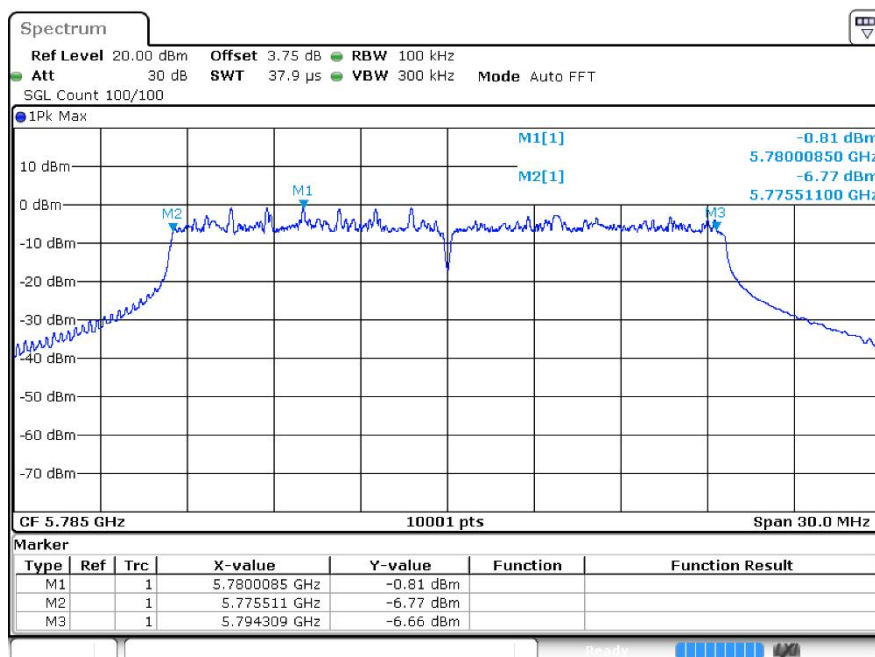
-6dB Bandwidth ac80 5775MHz Ant1



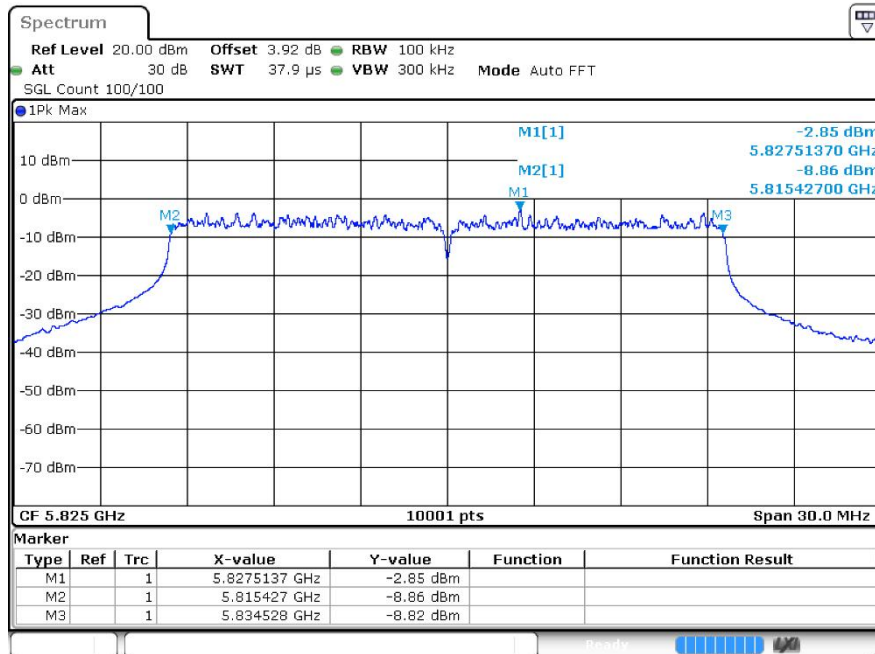
-6dB Bandwidth ax20 5745MHz Ant1



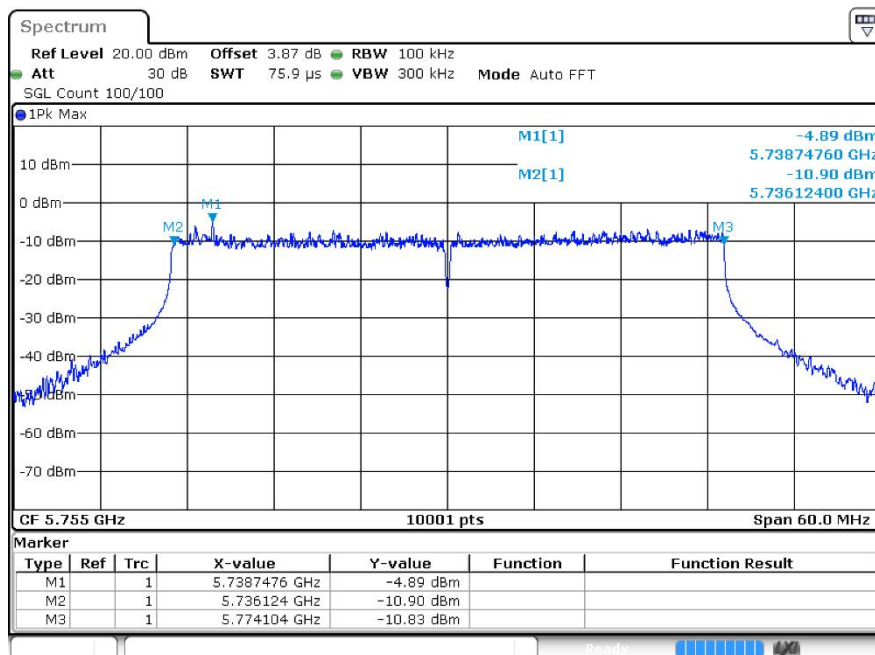
-6dB Bandwidth ax20 5785MHz Ant1



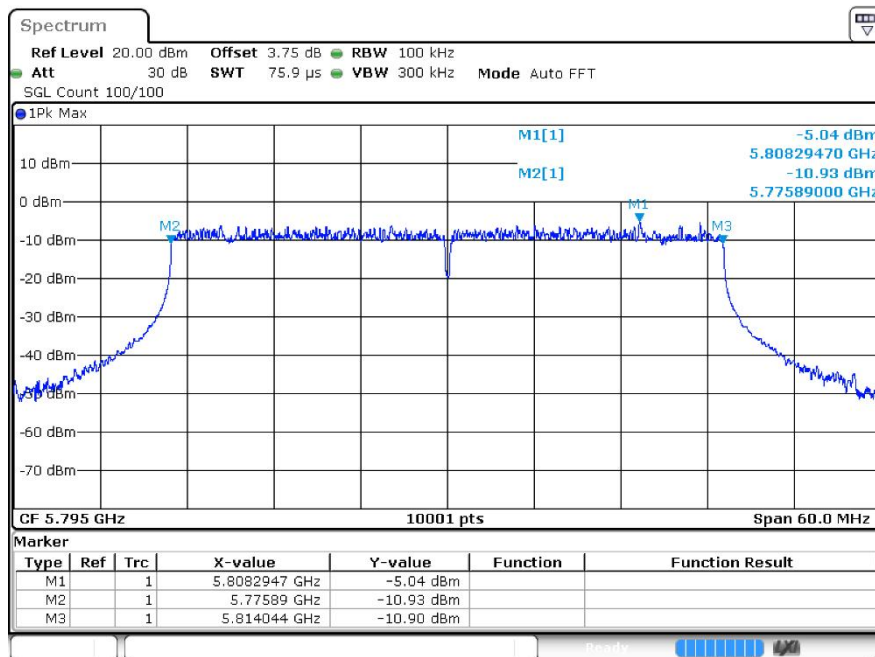
-6dB Bandwidth ax20 5825MHz Ant1



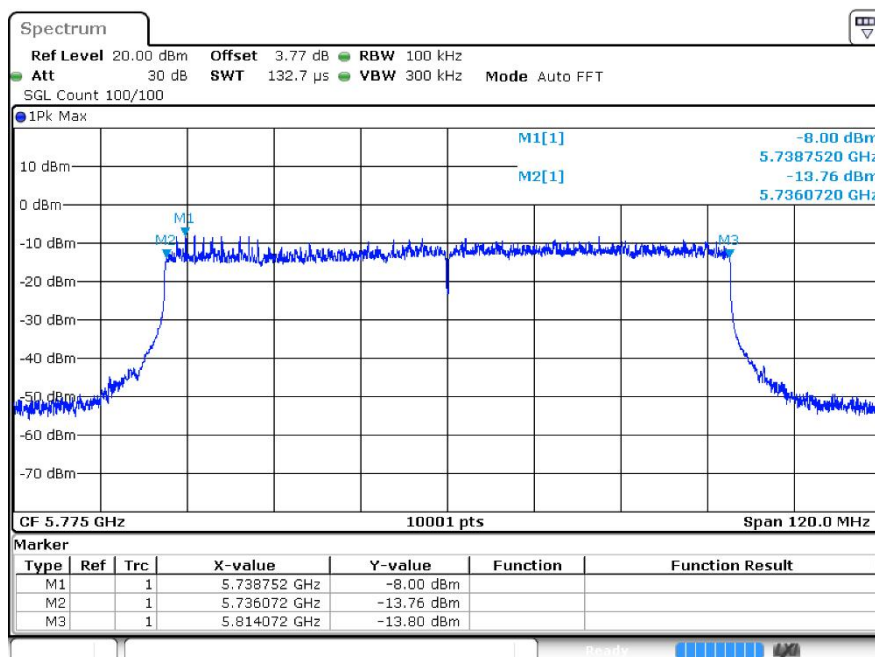
-6dB Bandwidth ax40 5755MHz Ant1



-6dB Bandwidth ax40 5795MHz Ant1



-6dB Bandwidth ax80 5775MHz Ant1



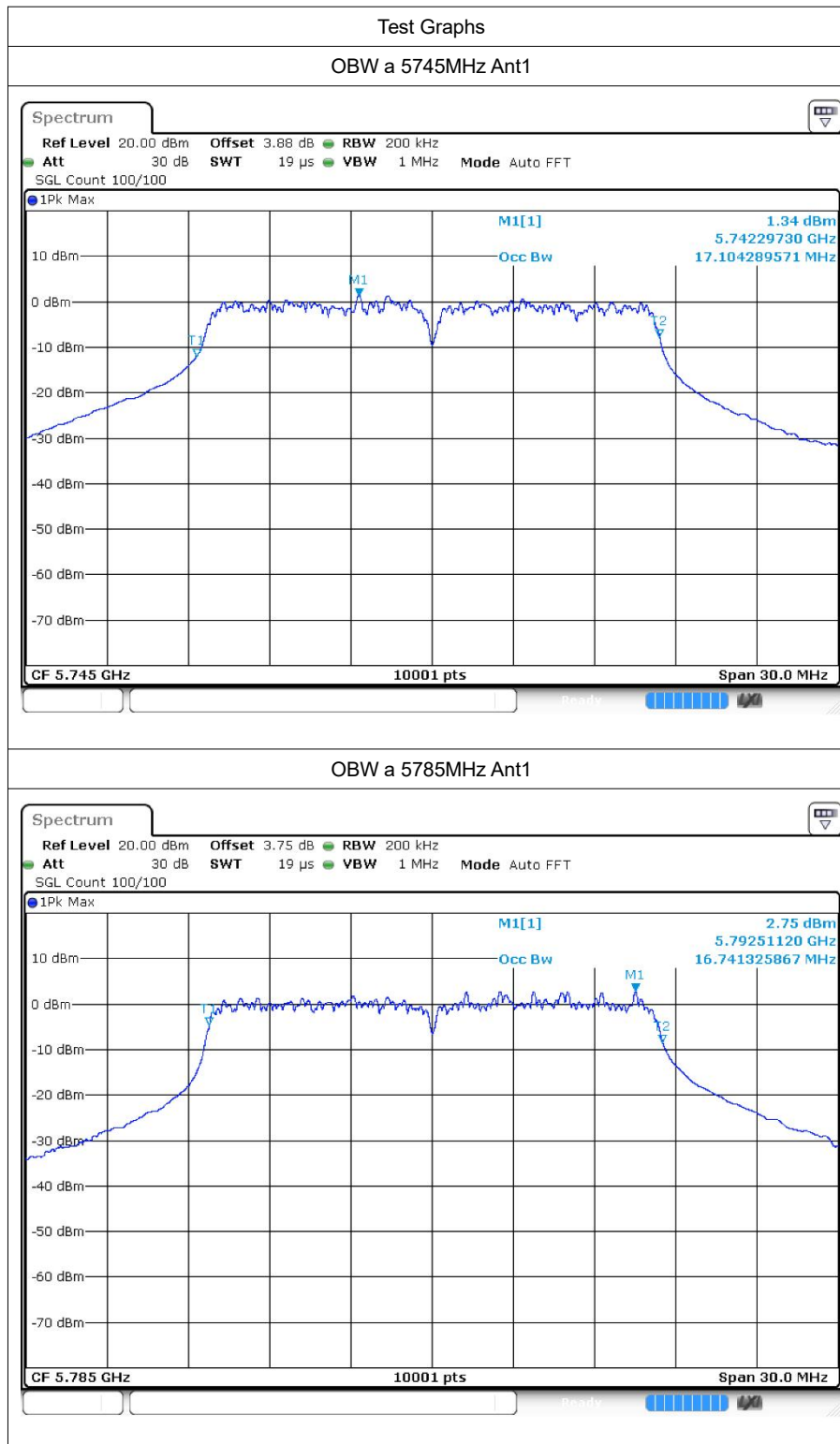


4 Occupied Channel Bandwidth

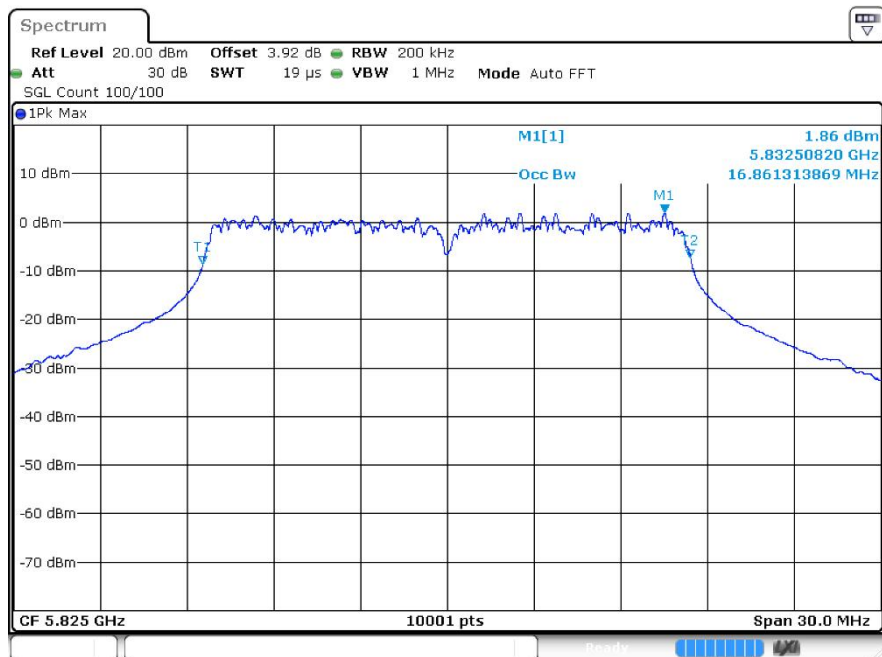
4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5745	Ant1	17.104
a	5785	Ant1	16.741
a	5825	Ant1	16.861
n20	5745	Ant1	18.037
n20	5785	Ant1	17.821
n20	5825	Ant1	18.145
n40	5755	Ant1	36.794
n40	5795	Ant1	36.608
ac20	5745	Ant1	17.959
ac20	5785	Ant1	17.935
ac20	5825	Ant1	17.869
ac40	5755	Ant1	36.716
ac40	5795	Ant1	36.53
ac80	5775	Ant1	75.856
ax20	5745	Ant1	19.057
ax20	5785	Ant1	19.102
ax20	5825	Ant1	19.144
ax40	5755	Ant1	38.048
ax40	5795	Ant1	37.97
ax80	5775	Ant1	77.488

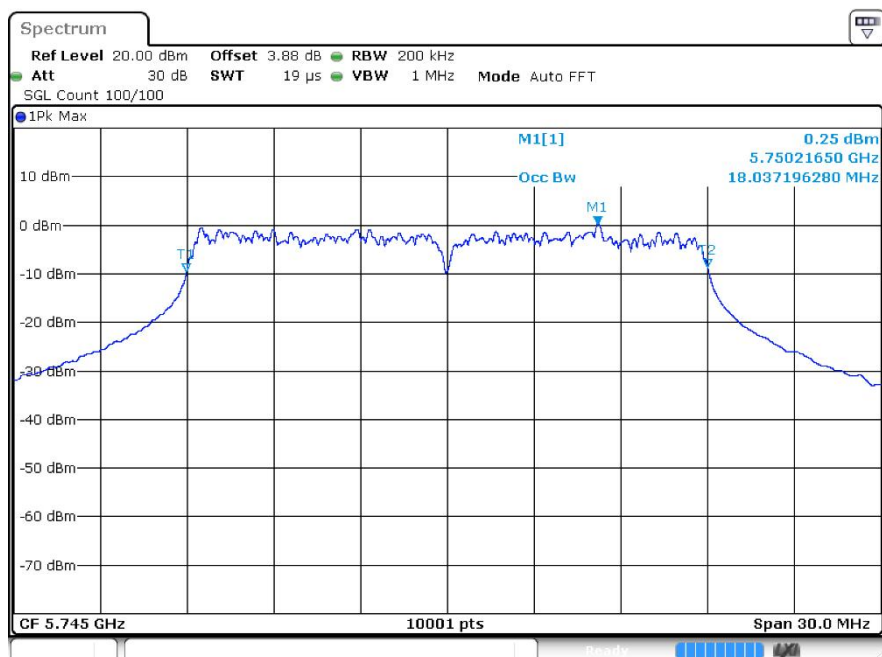
4.2 Test Graphs



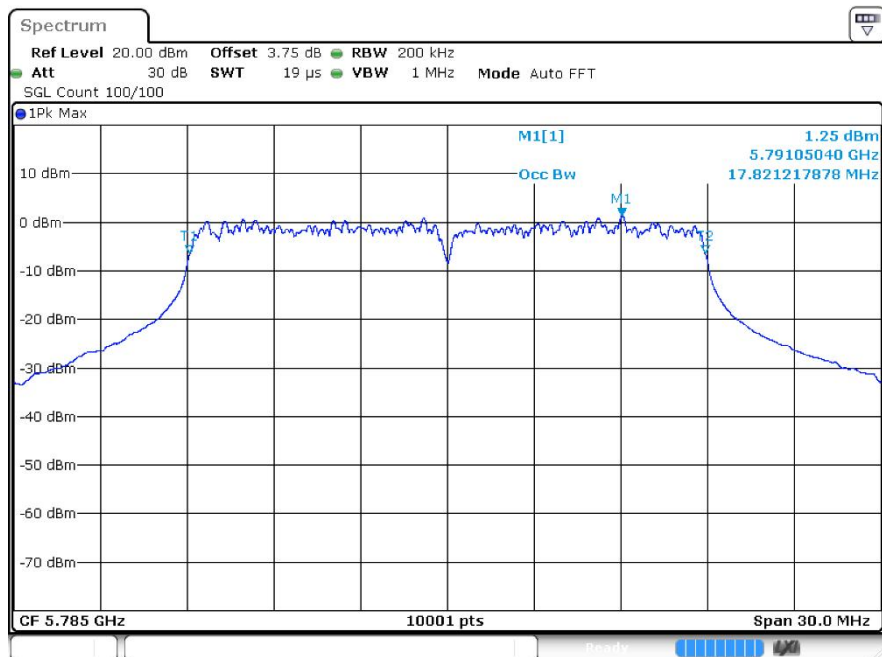
OBW a 5825MHz Ant1



OBW n20 5745MHz Ant1



OBW n20 5785MHz Ant1



OBW n20 5825MHz Ant1

