



Appendix E

RF Test Data for 5.8GWIFI(Conducted Measurement)

Product Name: Notebook computer

Trade Mark: Blackview

Test Model: AceBook 8

Environmental Conditions

Temperature:	25.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



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1 Duty Cycle

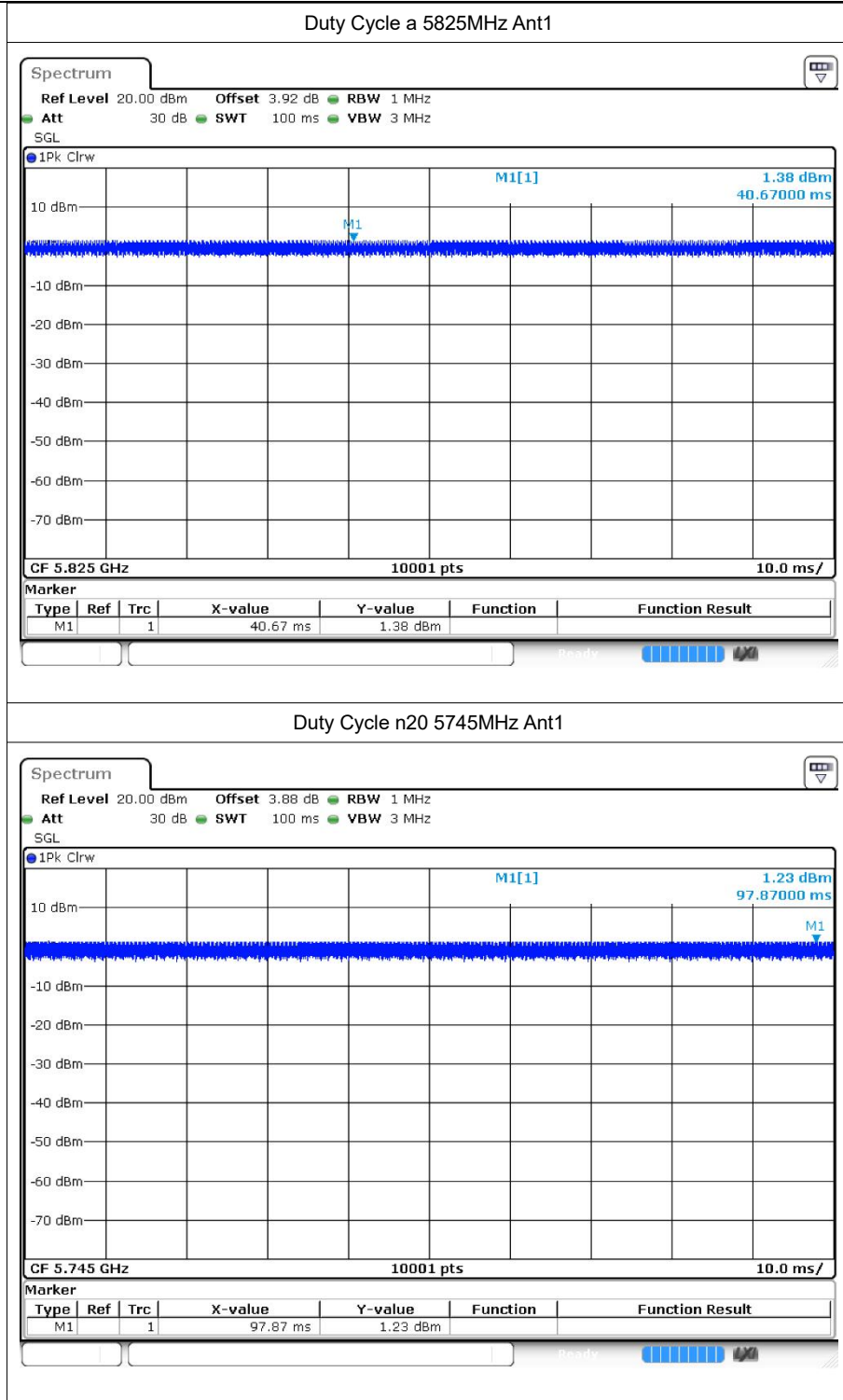
1.1 Test Result

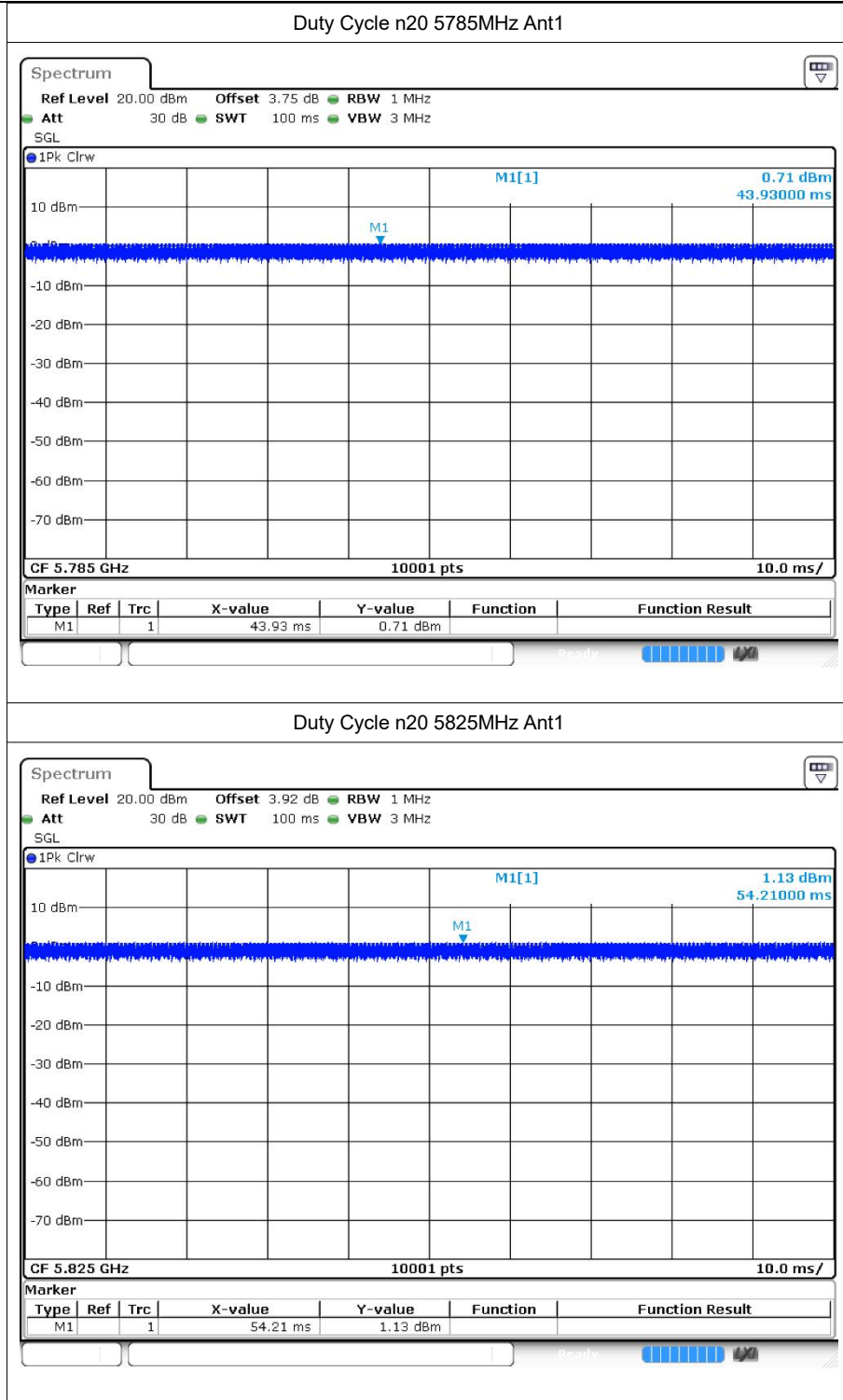
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5745	Ant1	100	0	0
a	5785	Ant1	100	0	0
a	5825	Ant1	100	0	0
n20	5745	Ant1	100	0	0
n20	5785	Ant1	100	0	0
n20	5825	Ant1	100	0	0
n40	5755	Ant1	100	0	0
n40	5795	Ant1	100	0	0
ac20	5745	Ant1	100	0	0
ac20	5785	Ant1	100	0	0
ac20	5825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

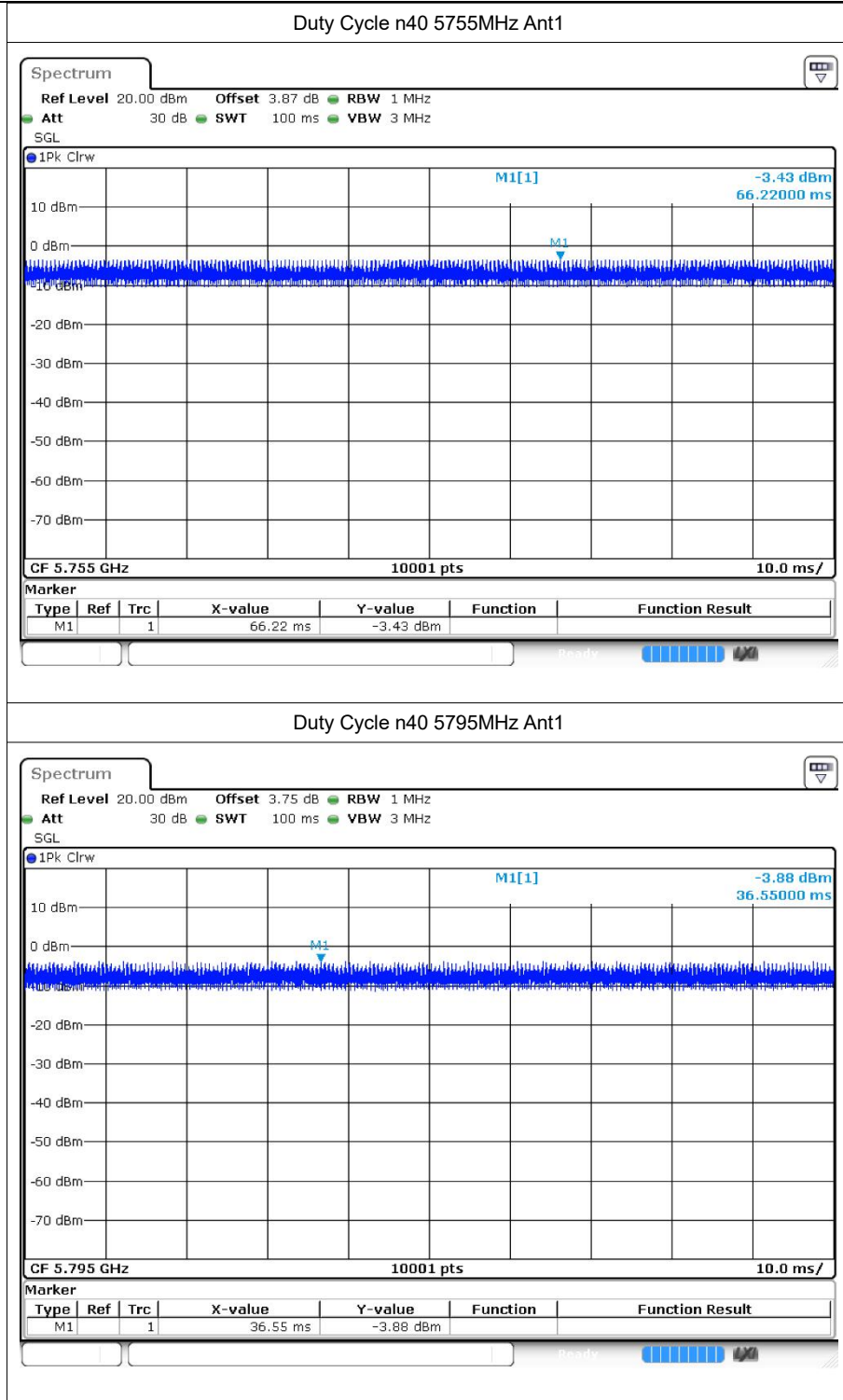


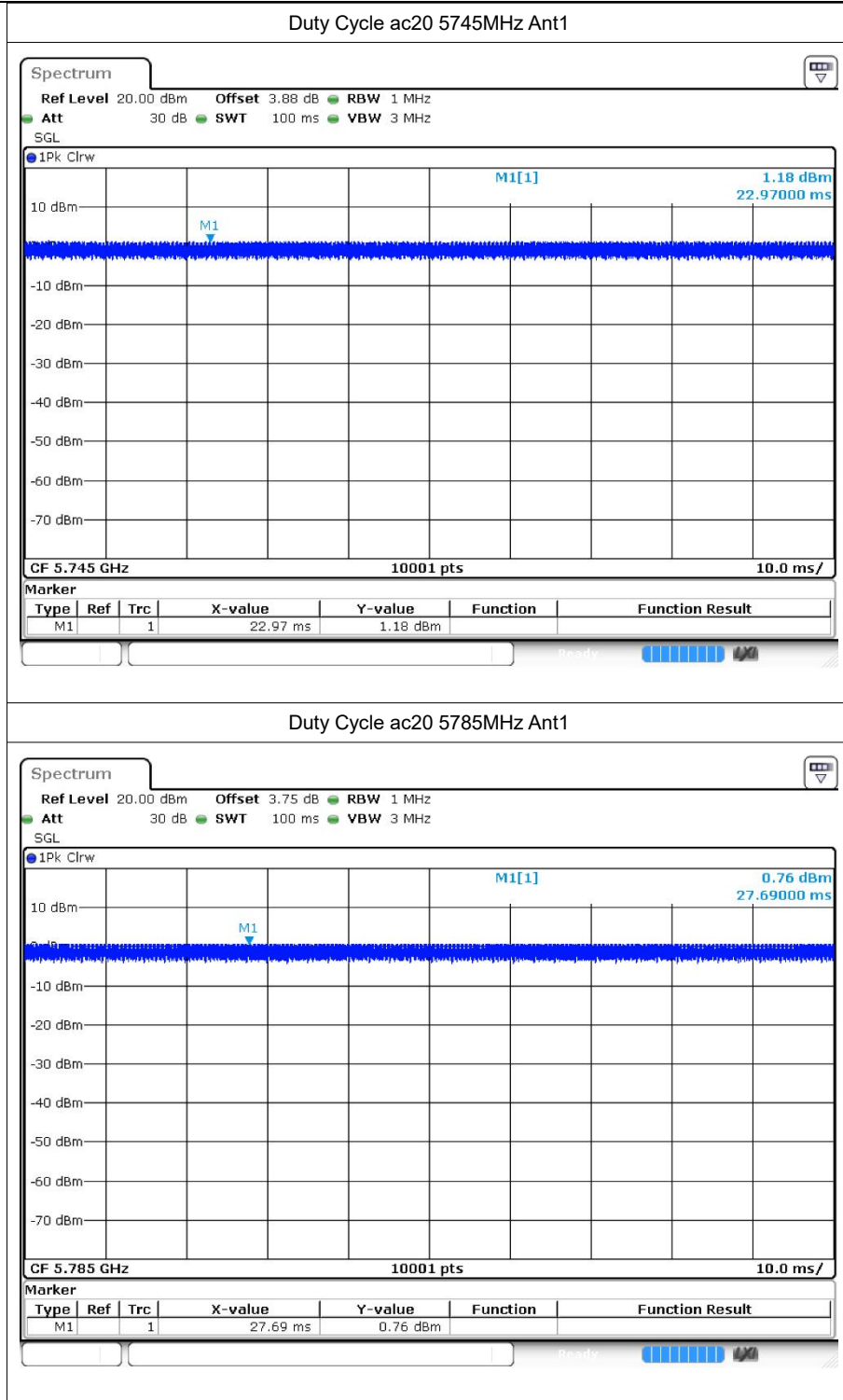
1.2 Test Graphs

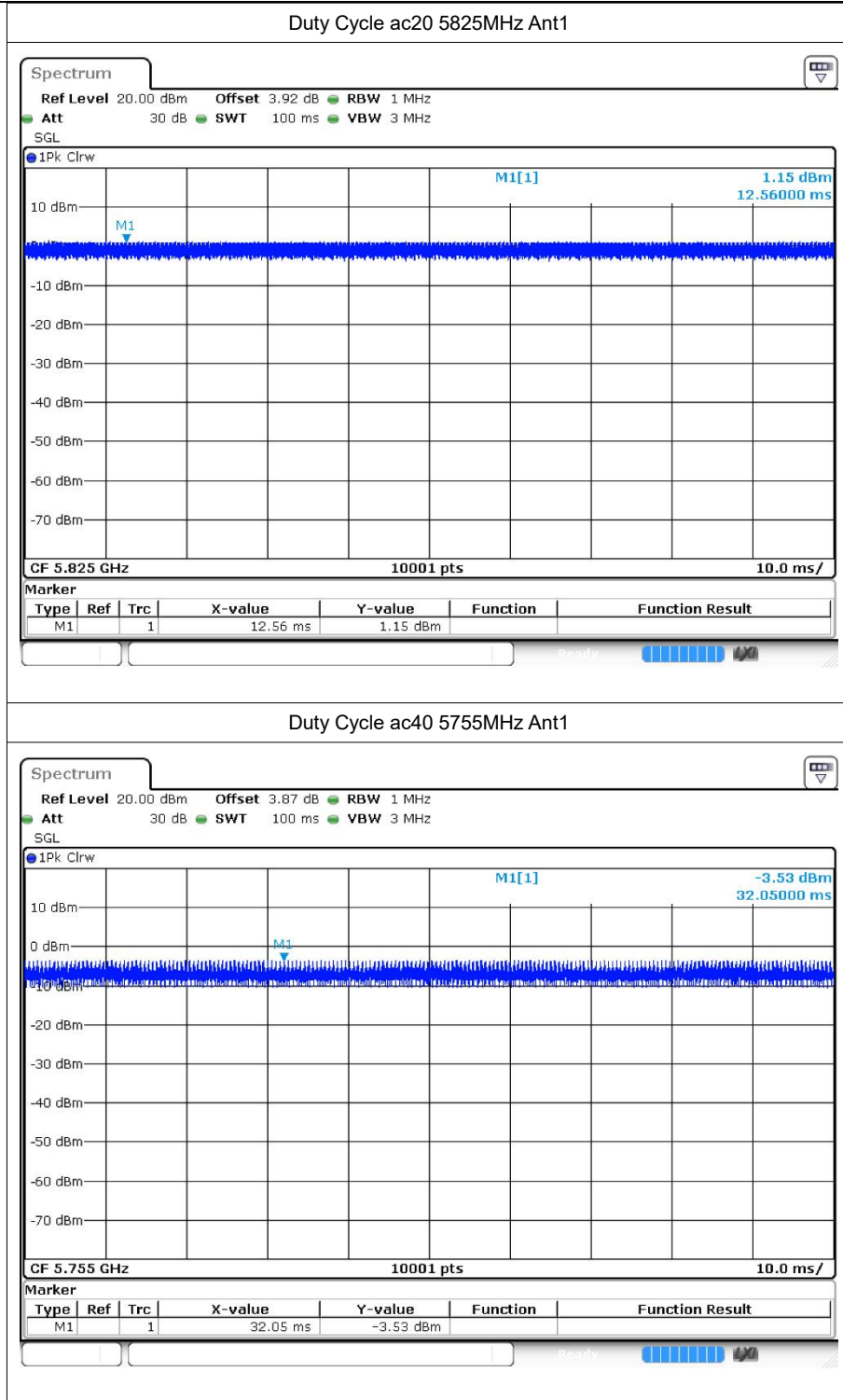


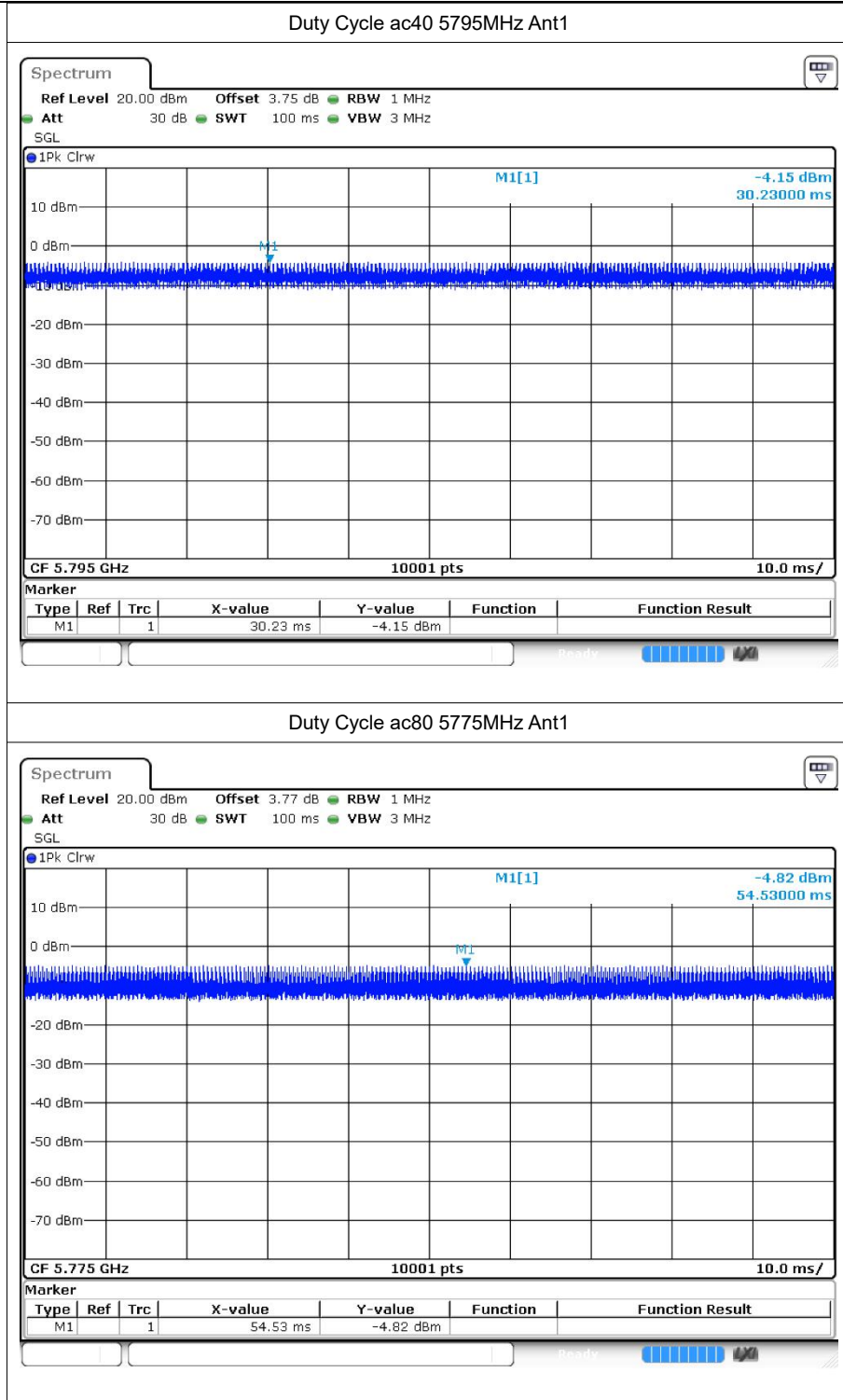












2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	11.4	30	Pass
a	5785	Ant1	10.68	30	Pass
a	5825	Ant1	11.13	30	Pass
n20	5745	Ant1	10.87	30	Pass
n20	5785	Ant1	10.24	30	Pass
n20	5825	Ant1	10.55	30	Pass
n40	5755	Ant1	10.37	30	Pass
n40	5795	Ant1	9.7	30	Pass
ac20	5745	Ant1	10.83	30	Pass
ac20	5785	Ant1	10.19	30	Pass
ac20	5825	Ant1	10.54	30	Pass
ac40	5755	Ant1	10.43	30	Pass
ac40	5795	Ant1	9.7	30	Pass
ac80	5775	Ant1	9.39	30	Pass

Note:

The duty factor has been compensated into the result.

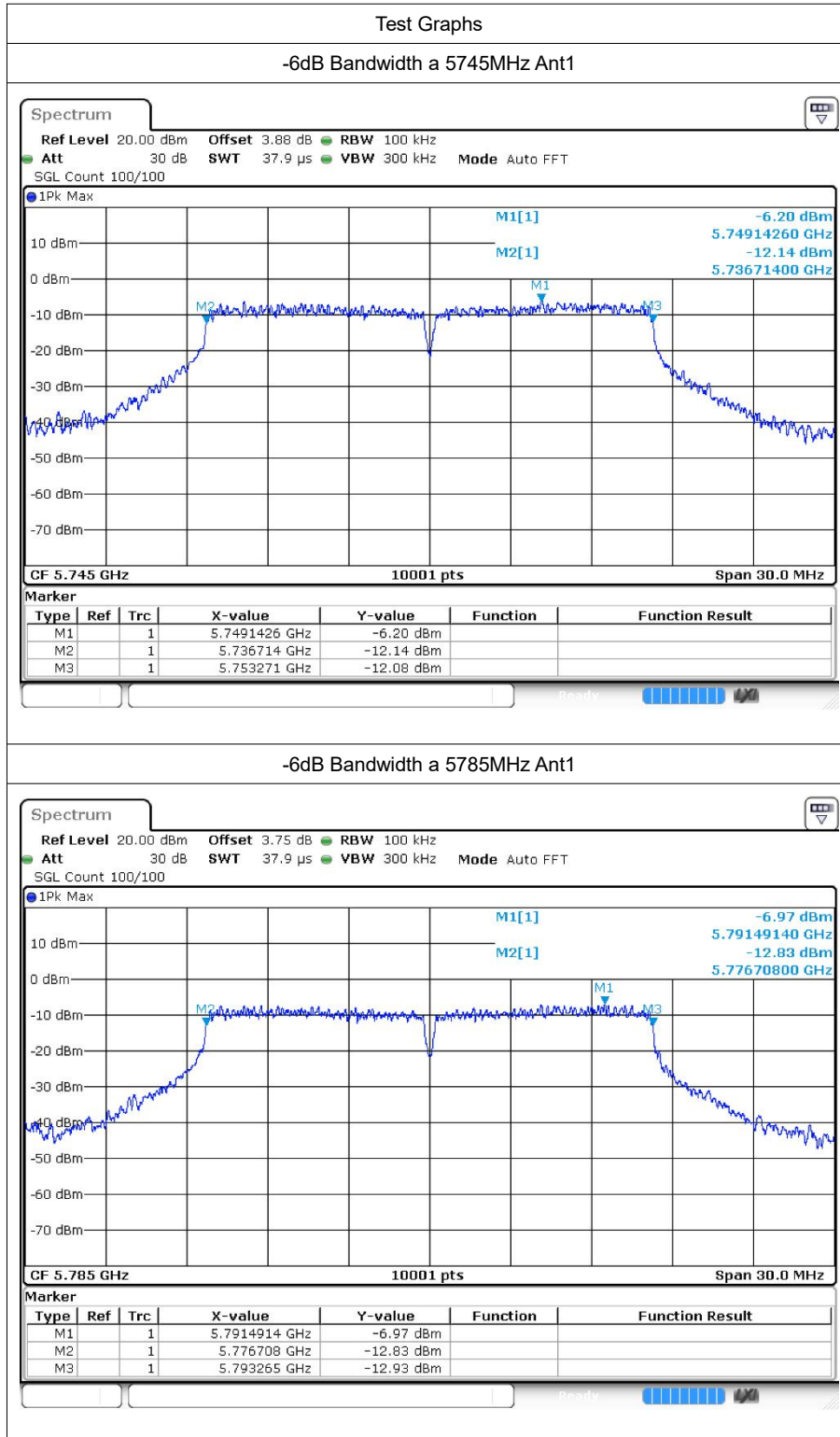


3 -6dB Bandwidth

3.1 Test Result

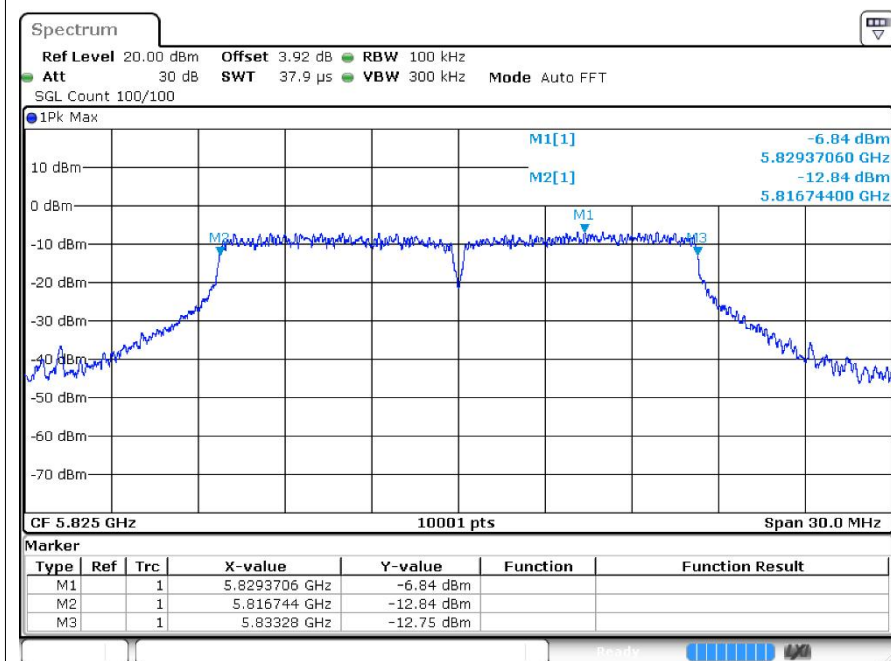
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant1	16.557	0.5	Pass
a	5785	Ant1	16.557	0.5	Pass
a	5825	Ant1	16.536	0.5	Pass
n20	5745	Ant1	17.757	0.5	Pass
n20	5785	Ant1	17.772	0.5	Pass
n20	5825	Ant1	17.733	0.5	Pass
n40	5755	Ant1	36.522	0.5	Pass
n40	5795	Ant1	36.546	0.5	Pass
ac20	5745	Ant1	17.802	0.5	Pass
ac20	5785	Ant1	17.739	0.5	Pass
ac20	5825	Ant1	17.796	0.5	Pass
ac40	5755	Ant1	36.528	0.5	Pass
ac40	5795	Ant1	36.546	0.5	Pass
ac80	5775	Ant1	76.344	0.5	Pass

3.2 Test Graphs

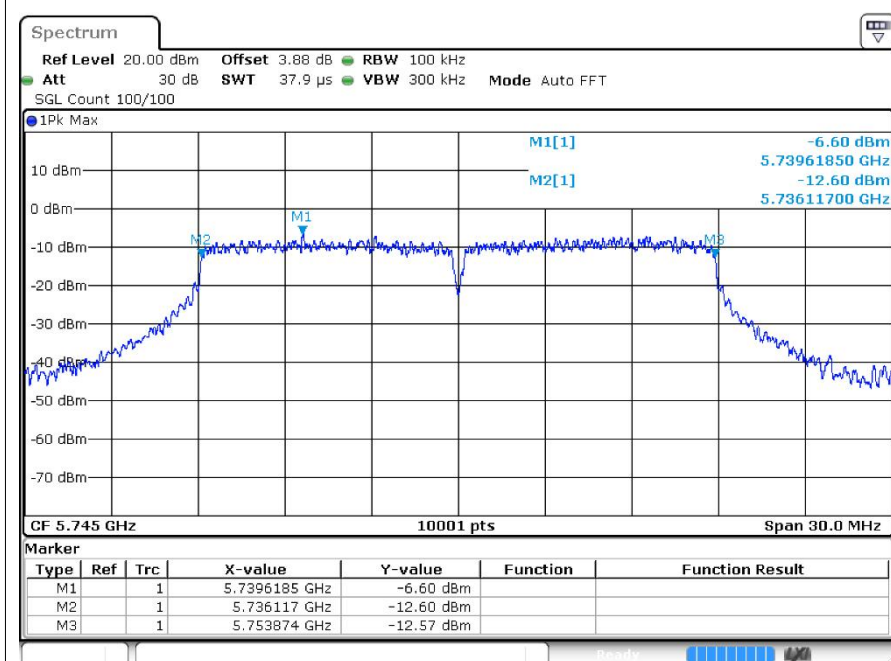




-6dB Bandwidth a 5825MHz Ant1

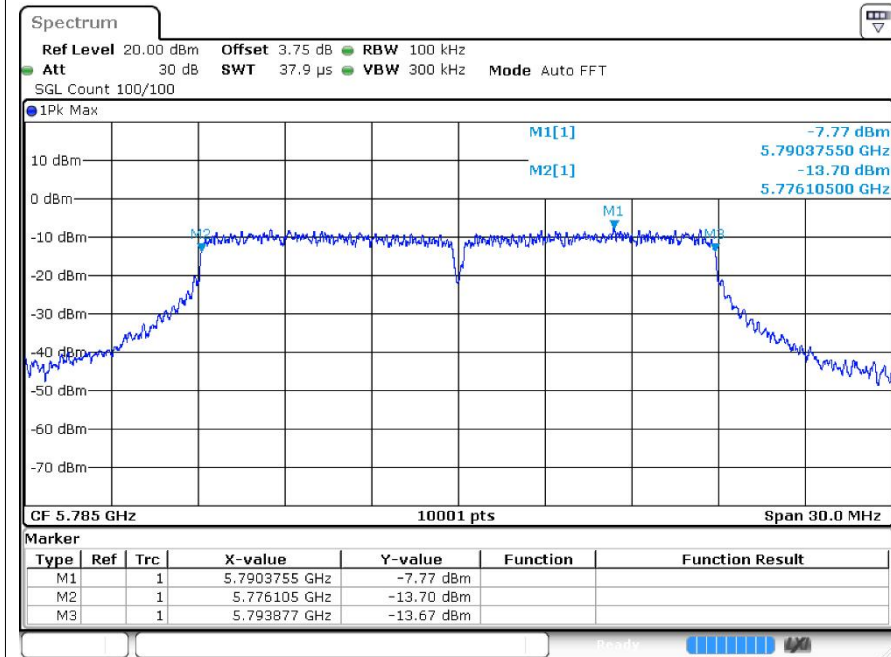


-6dB Bandwidth n20 5745MHz Ant1

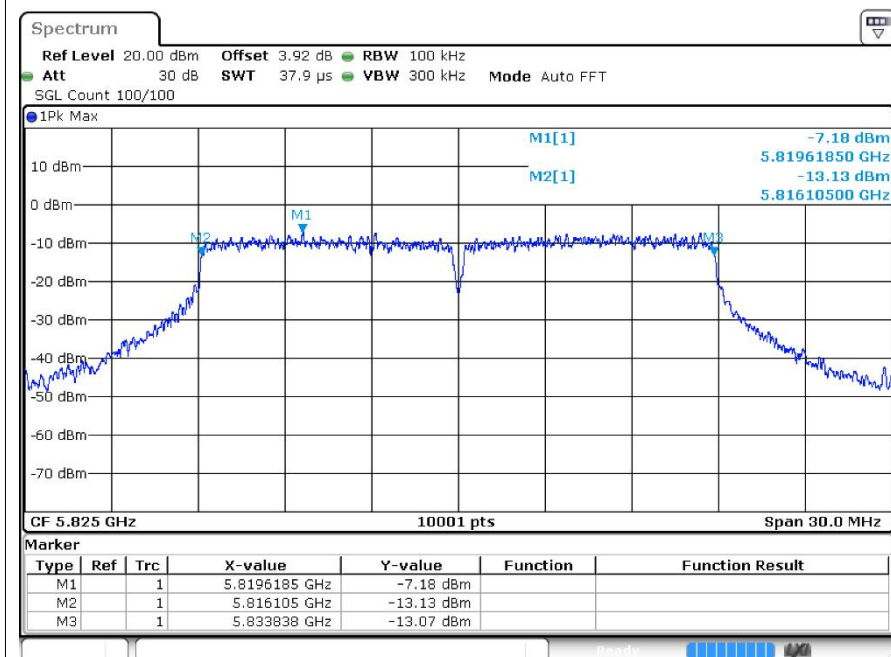




-6dB Bandwidth n20 5785MHz Ant1

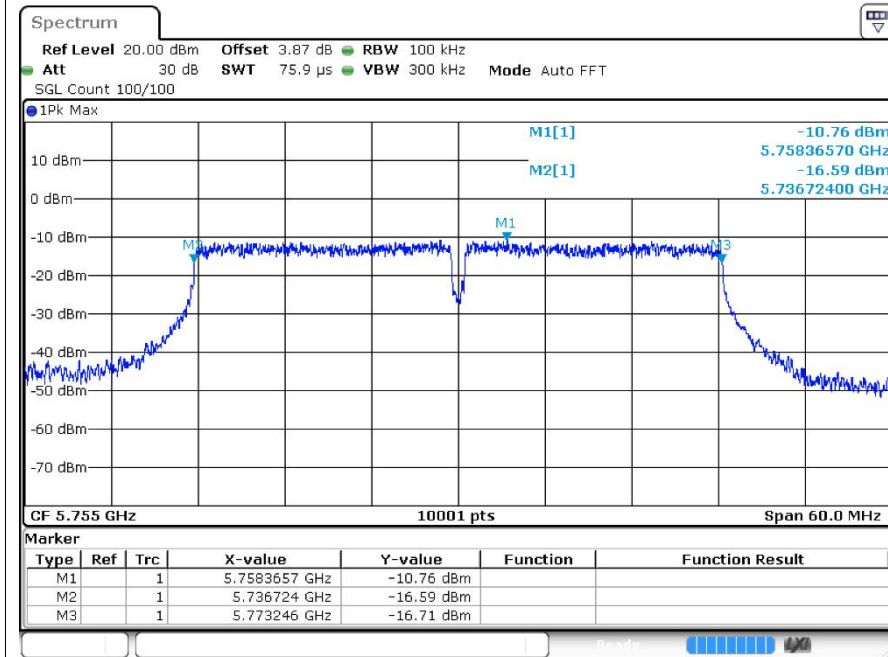


-6dB Bandwidth n20 5825MHz Ant1

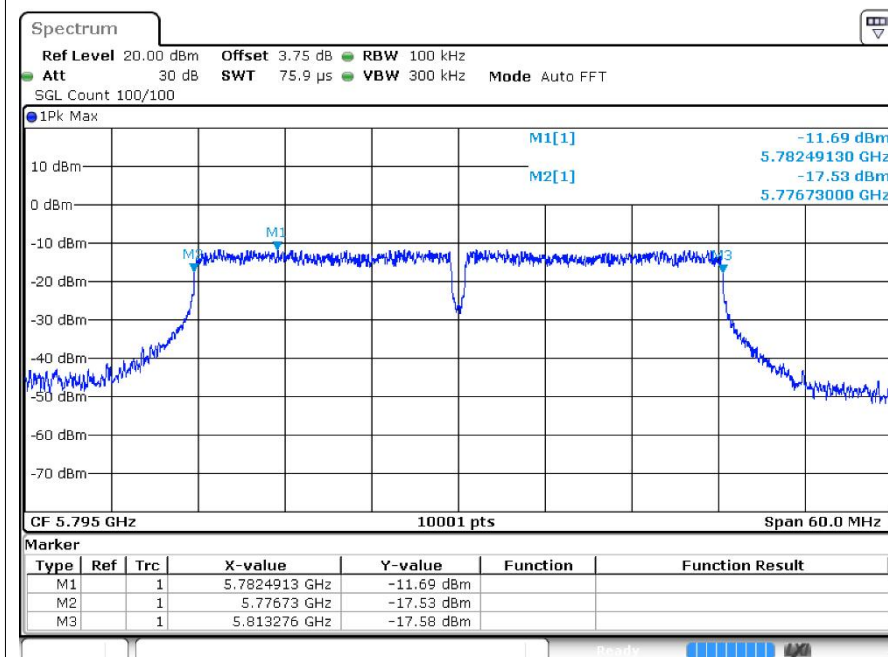




-6dB Bandwidth n40 5755MHz Ant1

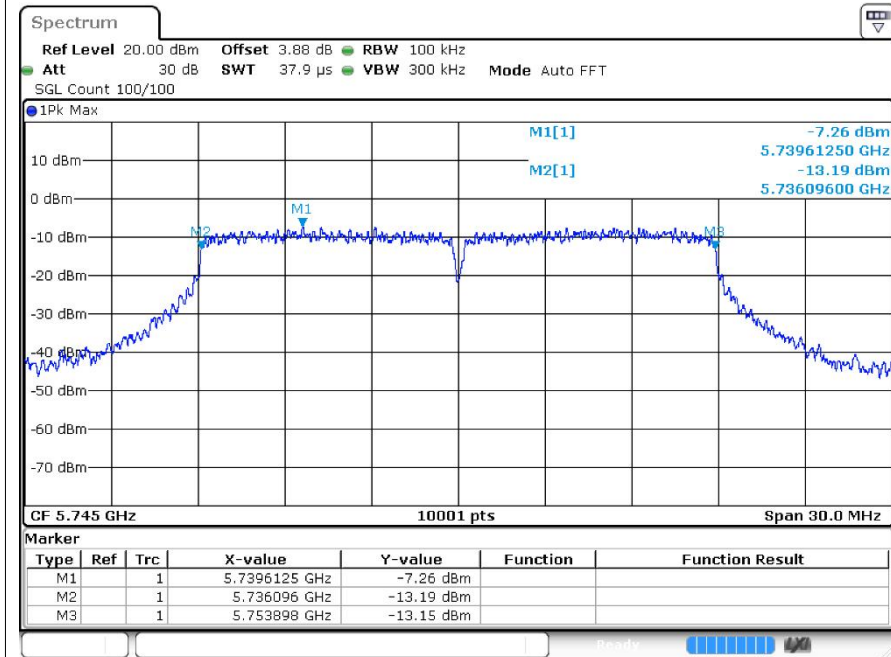


-6dB Bandwidth n40 5795MHz Ant1

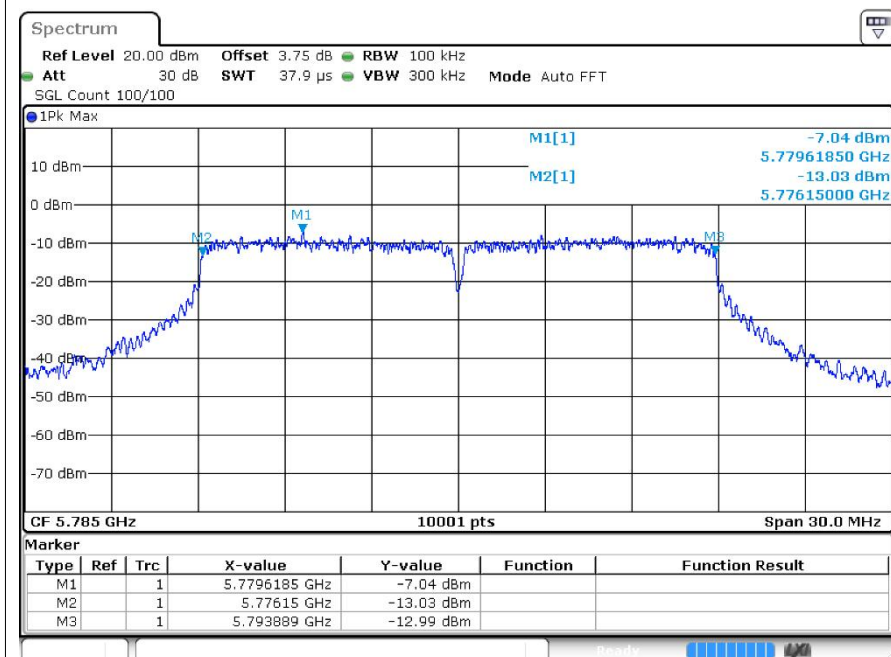




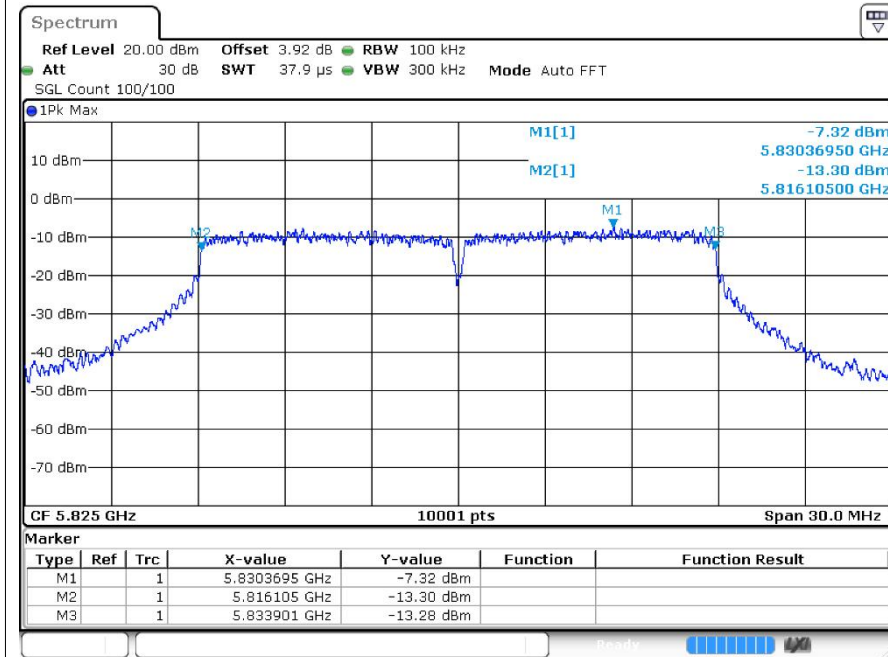
-6dB Bandwidth ac20 5745MHz Ant1



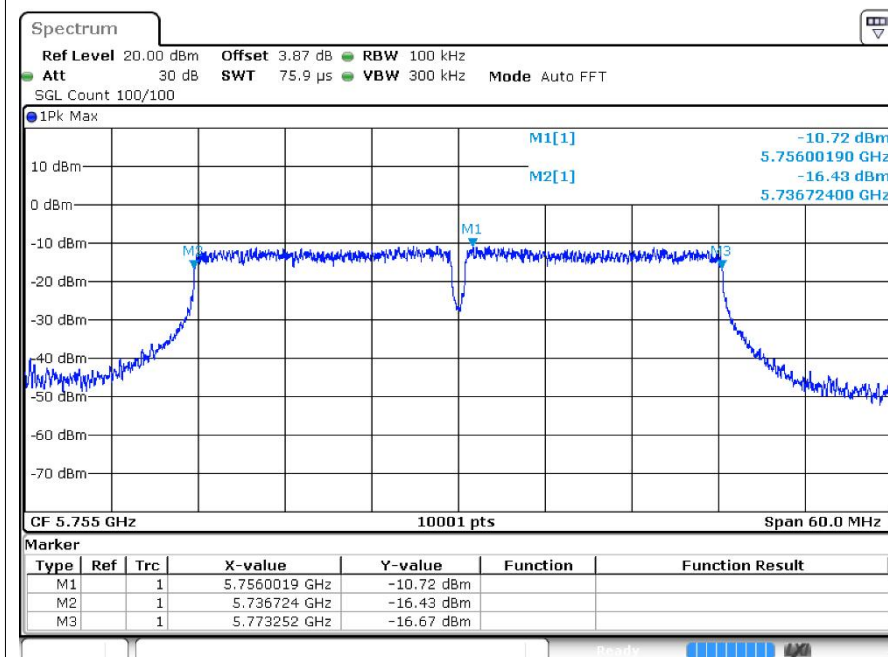
-6dB Bandwidth ac20 5785MHz Ant1



-6dB Bandwidth ac20 5825MHz Ant1

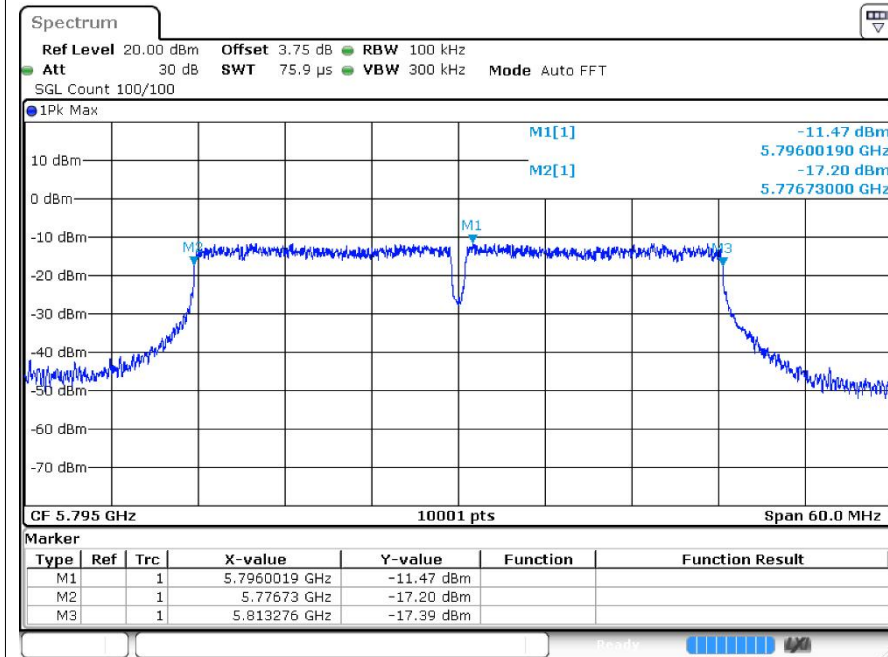


-6dB Bandwidth ac40 5755MHz Ant1

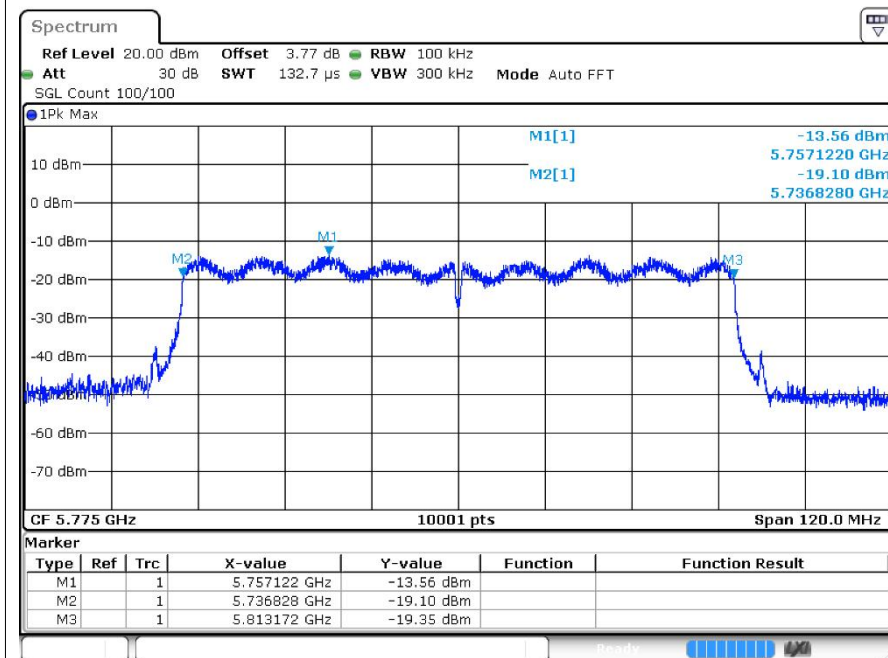




-6dB Bandwidth ac40 5795MHz Ant1



-6dB Bandwidth ac80 5775MHz Ant1





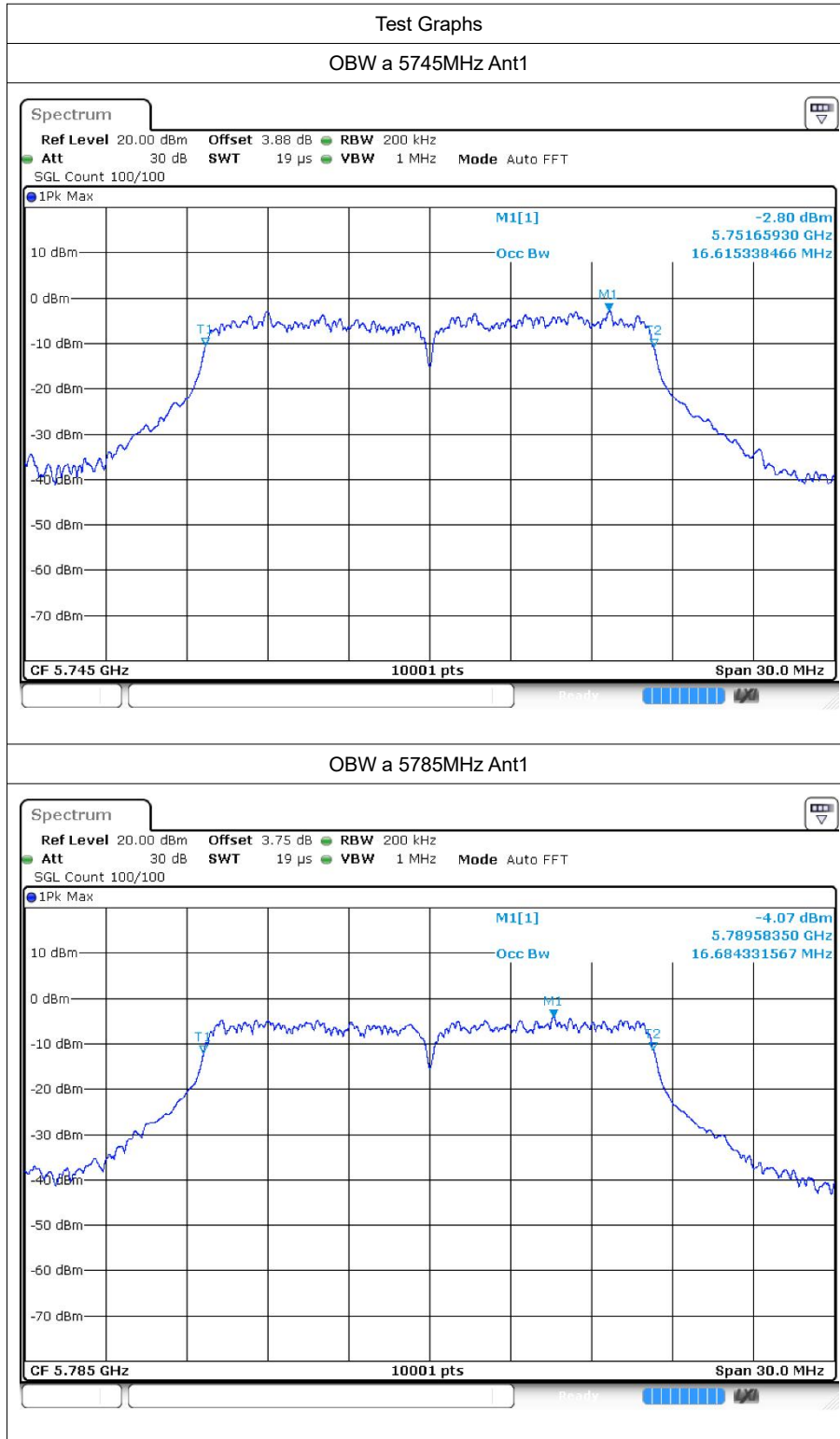
4 Occupied Channel Bandwidth

4.1 Test Result

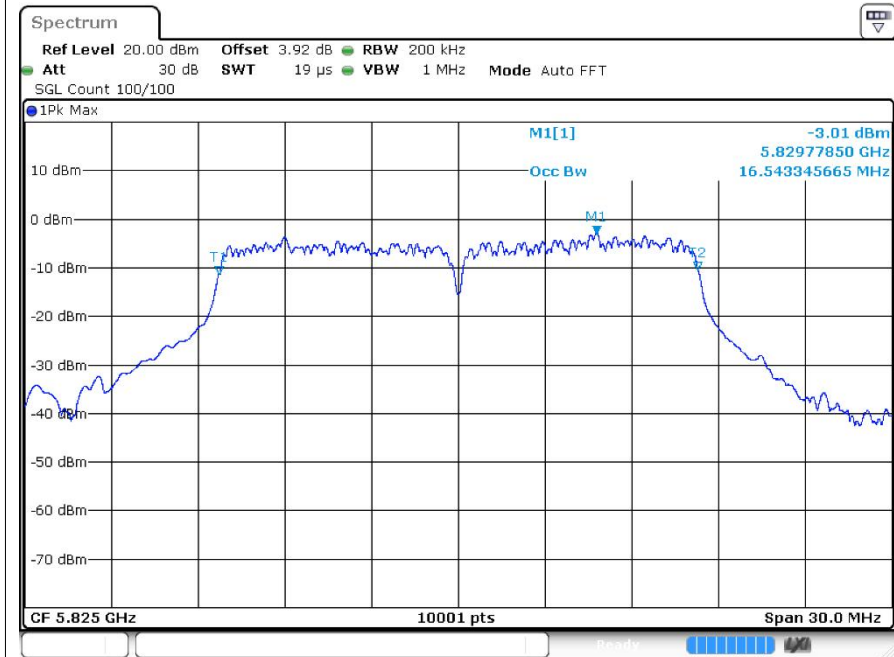
Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5745	Ant1	16.615
a	5785	Ant1	16.684
a	5825	Ant1	16.543
n20	5745	Ant1	17.875
n20	5785	Ant1	17.782
n20	5825	Ant1	17.842
n40	5755	Ant1	36.476
n40	5795	Ant1	36.65
ac20	5745	Ant1	17.761
ac20	5785	Ant1	17.824
ac20	5825	Ant1	17.893
ac40	5755	Ant1	36.614
ac40	5795	Ant1	36.314
ac80	5775	Ant1	75.712



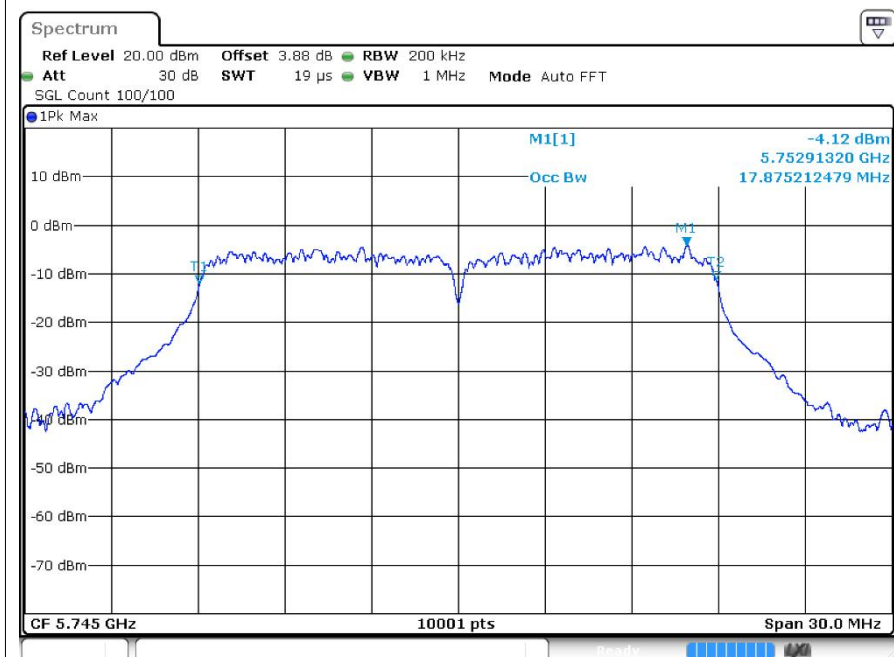
4.2 Test Graphs



OBW a 5825MHz Ant1

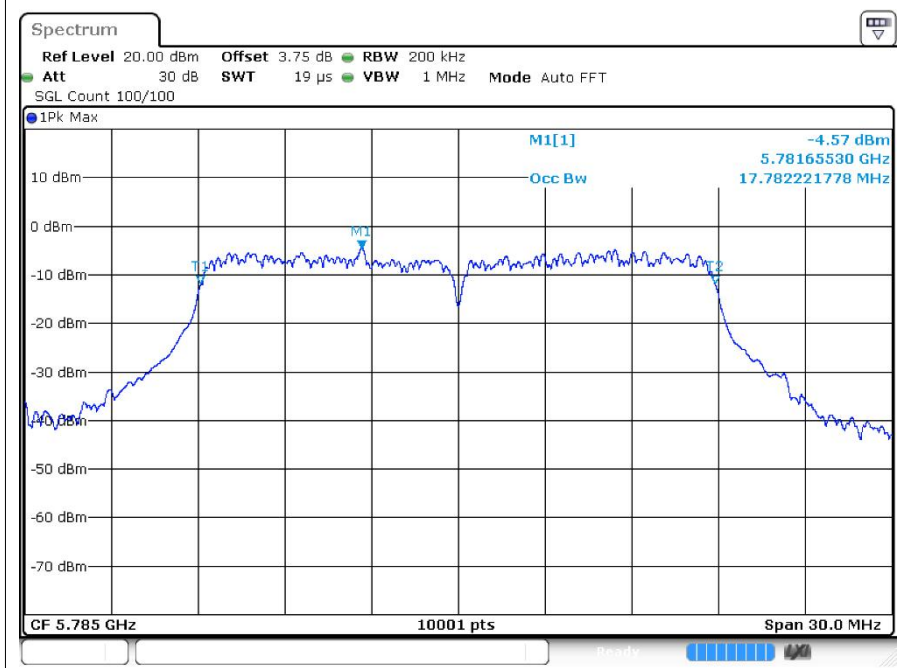


OBW n20 5745MHz Ant1

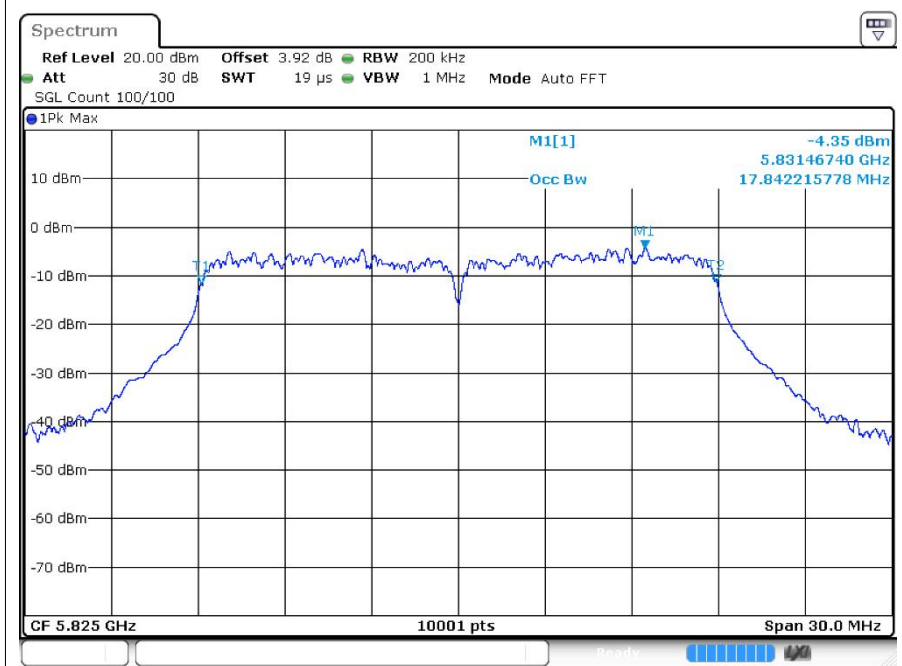




OBW n20 5785MHz Ant1

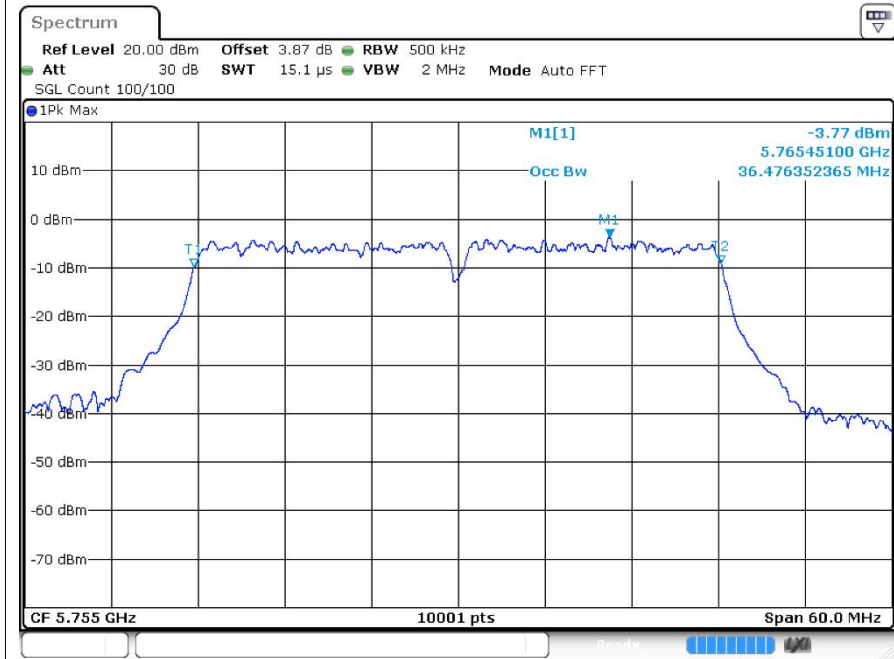


OBW n20 5825MHz Ant1

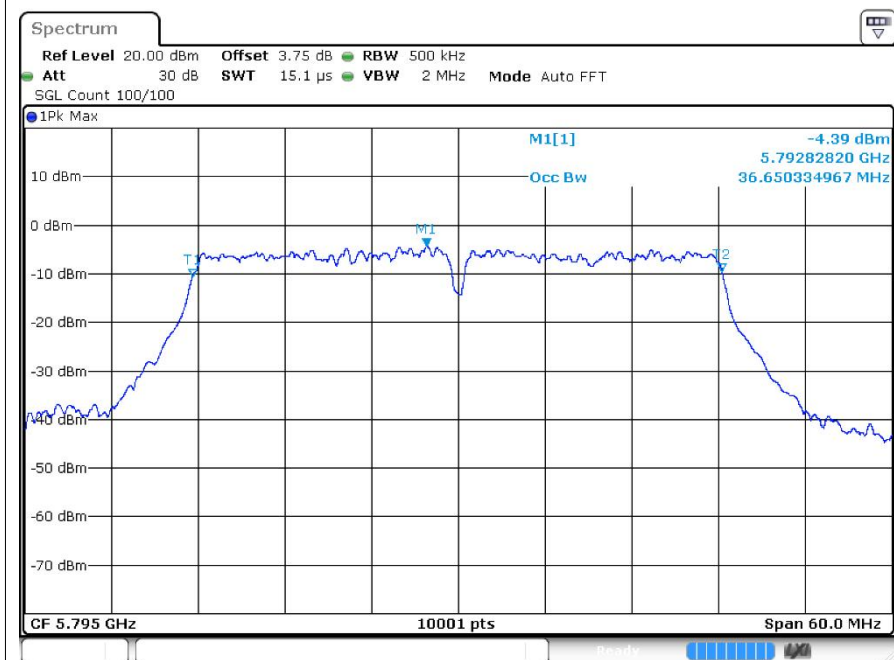




OBW n40 5755MHz Ant1

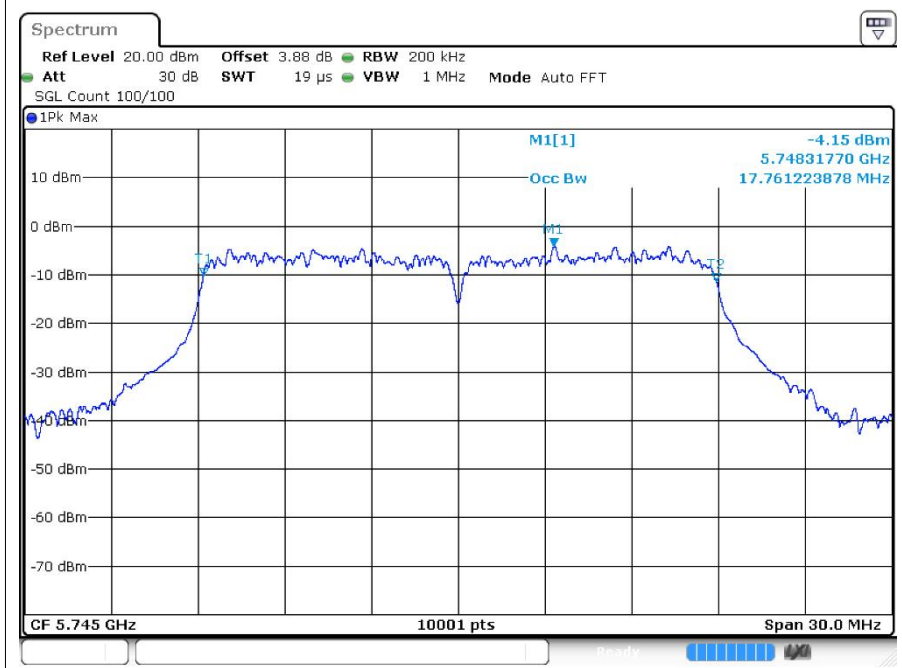


OBW n40 5795MHz Ant1

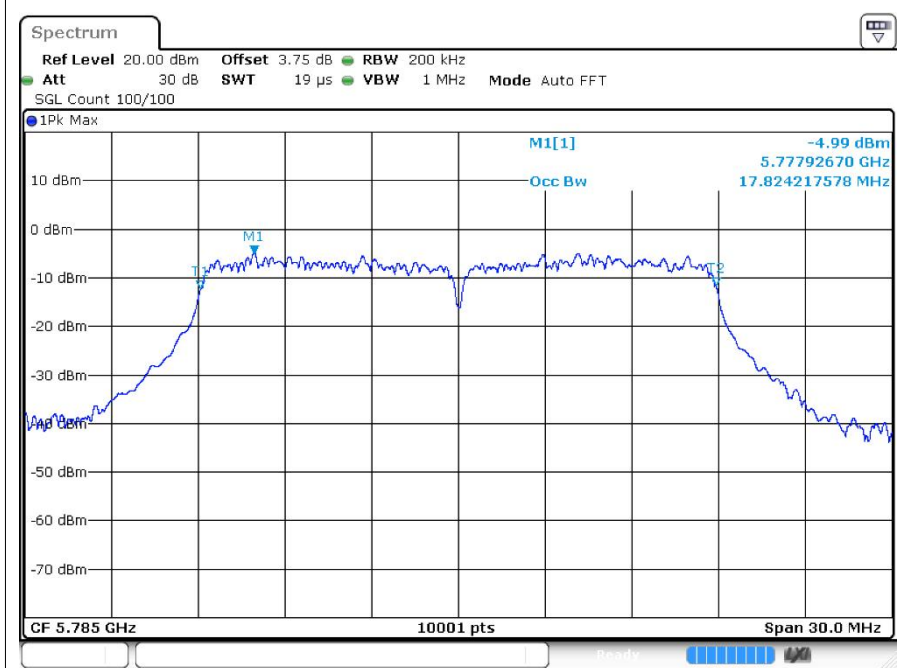




OBW ac20 5745MHz Ant1

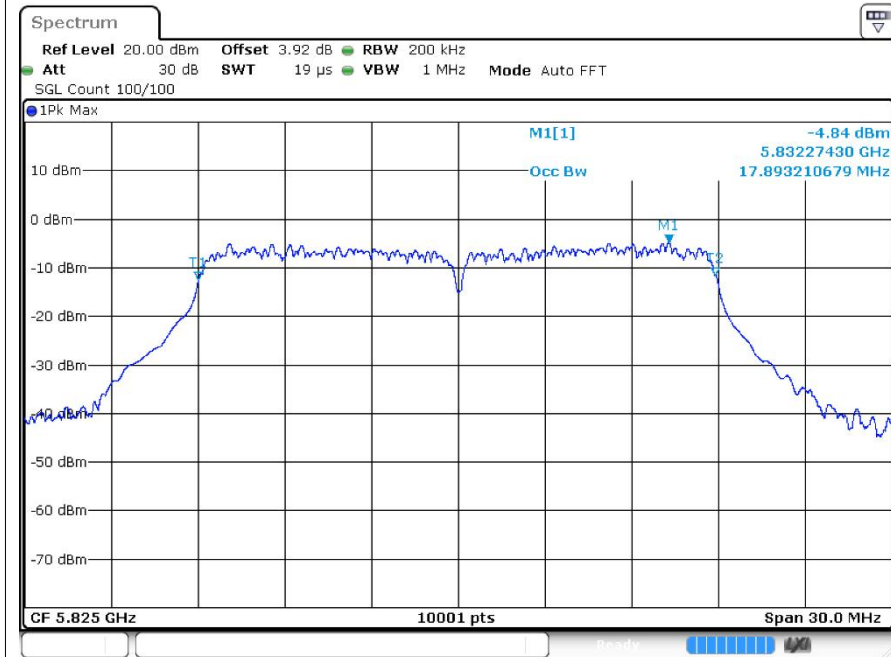


OBW ac20 5785MHz Ant1

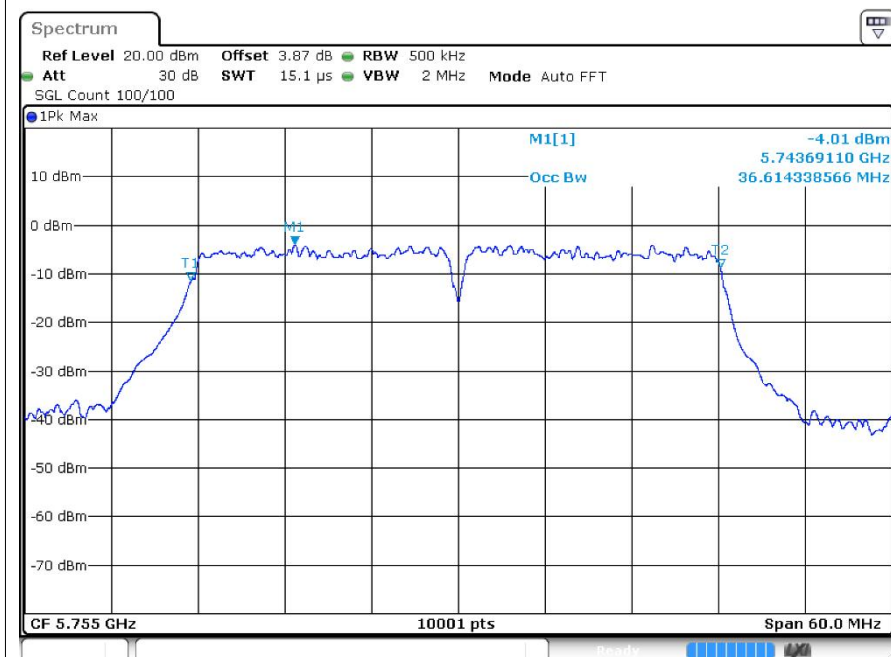




OBW ac20 5825MHz Ant1

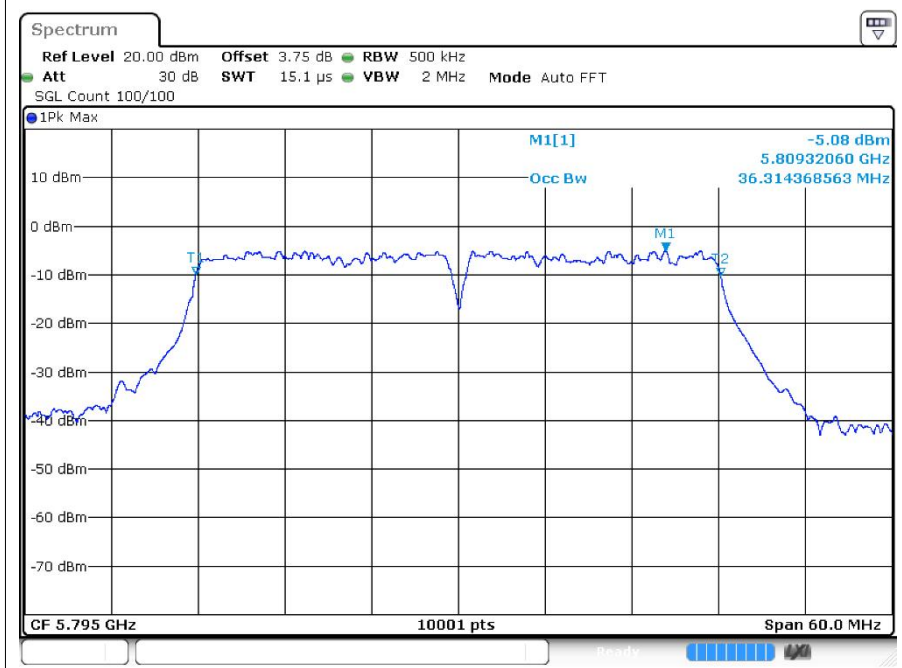


OBW ac40 5755MHz Ant1

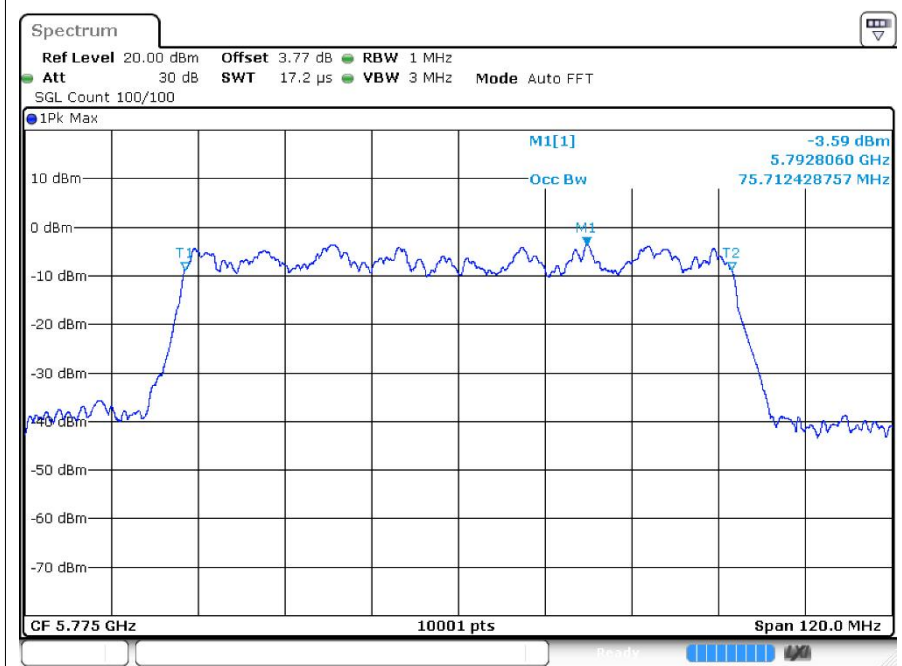




OBW ac40 5795MHz Ant1



OBW ac80 5775MHz Ant1





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	-5.83	0	-5.83	30	Pass
a	5785	Ant1	-6.47	0	-6.47	30	Pass
a	5825	Ant1	-6.14	0	-6.14	30	Pass
n20	5745	Ant1	-6.67	0	-6.67	30	Pass
n20	5785	Ant1	-7.51	0	-7.51	30	Pass
n20	5825	Ant1	-7.07	0	-7.07	30	Pass
n40	5755	Ant1	-10.2	0	-10.2	30	Pass
n40	5795	Ant1	-11.17	0	-11.17	30	Pass
ac20	5745	Ant1	-6.7	0	-6.7	30	Pass
ac20	5785	Ant1	-7.36	0	-7.36	30	Pass
ac20	5825	Ant1	-7.24	0	-7.24	30	Pass
ac40	5755	Ant1	-10.22	0	-10.22	30	Pass
ac40	5795	Ant1	-10.79	0	-10.79	30	Pass
ac80	5775	Ant1	-13.25	0	-13.25	30	Pass



5.2 Test Graphs

