



Appendix E

RF Test Data for 5.8GWIFI(Conducted Measurement)

Product Name: Tablet PC

Trade Mark: Blackview

Test Model: LINK 2

Environmental Conditions

Temperature:	24.9° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Huang



Contents

Page

COVER PAGE

1	Duty Cycle	3
1.1	Test Result	3
1.2	Test Graphs	4
2	Maximum Conducted Output Power	11
2.1	Test Result	11
3	-6dB Bandwidth	12
3.1	Test Result	12
3.2	Test Graphs	13
4	Occupied Channel Bandwidth	20
4.1	Test Result	20
4.2	Test Graphs	21
5	Maximum Power Spectral Density Level	28
5.1	Test Result	28
5.2	Test Graphs	29
6	Frequency Stability	36
6.1	Test Result	36
7	Conducted RF Spurious Emission	40
7.1	Test Result	40
7.2	Test Graphs	41

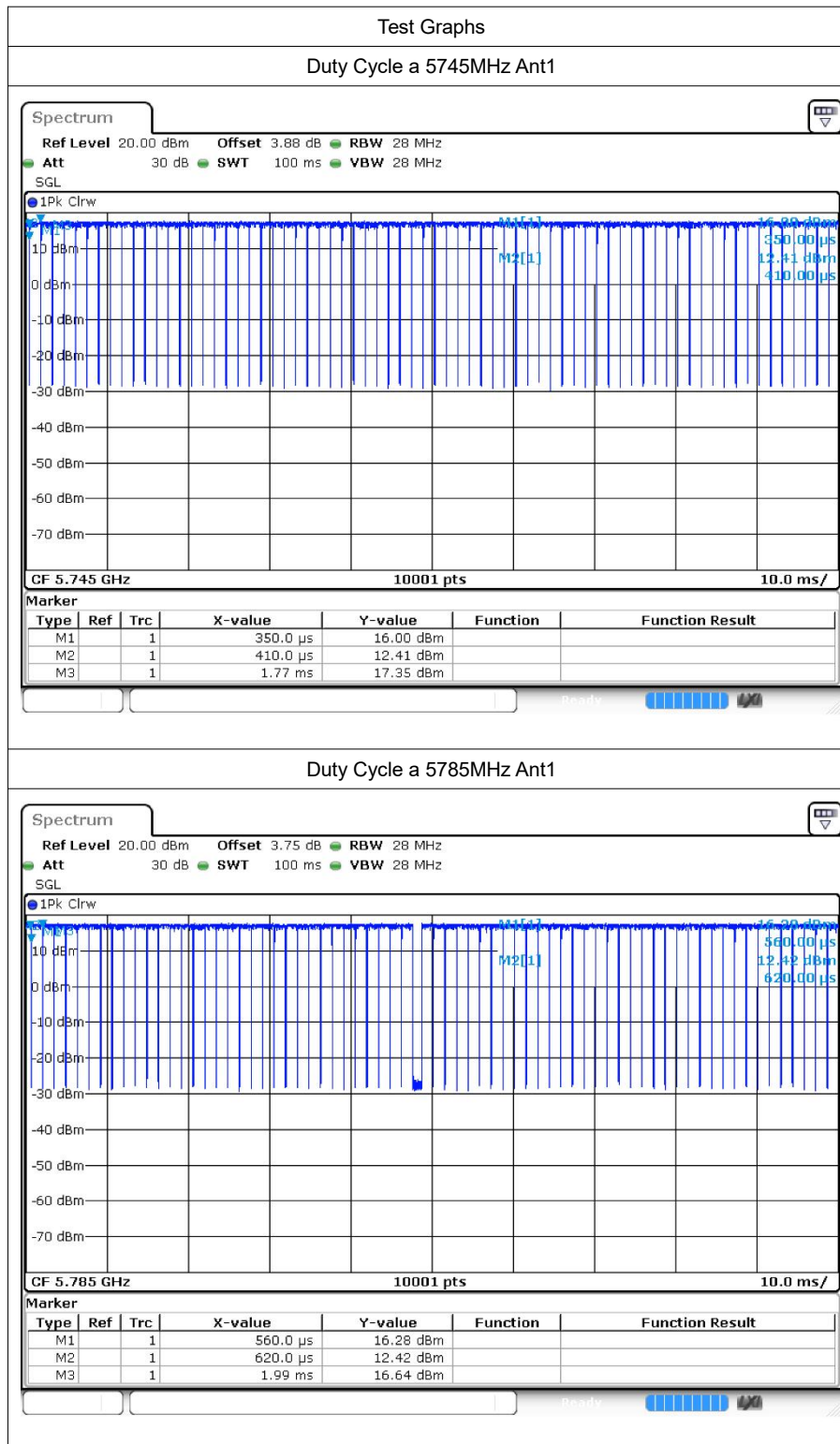


1 Duty Cycle

1.1 Test Result

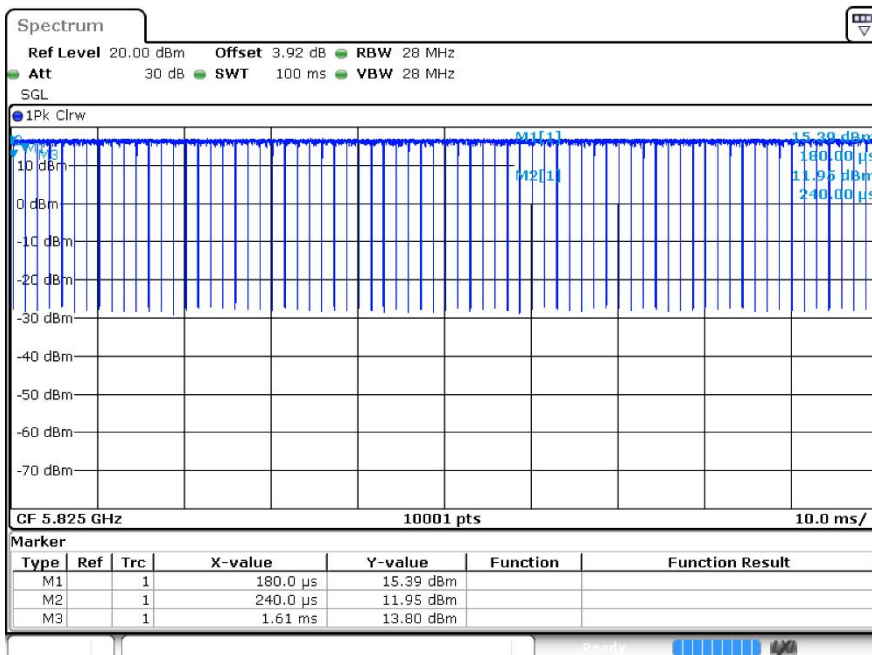
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5745	Ant1	96.32	0.16	0.74
a	5785	Ant1	95.32	0.21	0.73
a	5825	Ant1	96.39	0.16	0.73
n20	5745	Ant1	95.48	0.2	0.87
n20	5785	Ant1	95.86	0.18	0.86
n20	5825	Ant1	95.95	0.18	0.86
n40	5755	Ant1	92	0.36	1.75
n40	5795	Ant1	91.98	0.36	1.72
ac20	5745	Ant1	95.77	0.19	0.86
ac20	5785	Ant1	95.64	0.19	0.86
ac20	5825	Ant1	95.81	0.19	0.86
ac40	5755	Ant1	91.88	0.37	1.72
ac40	5795	Ant1	91.98	0.36	1.72
ac80	5775	Ant1	85.29	0.69	3.33

1.2 Test Graphs

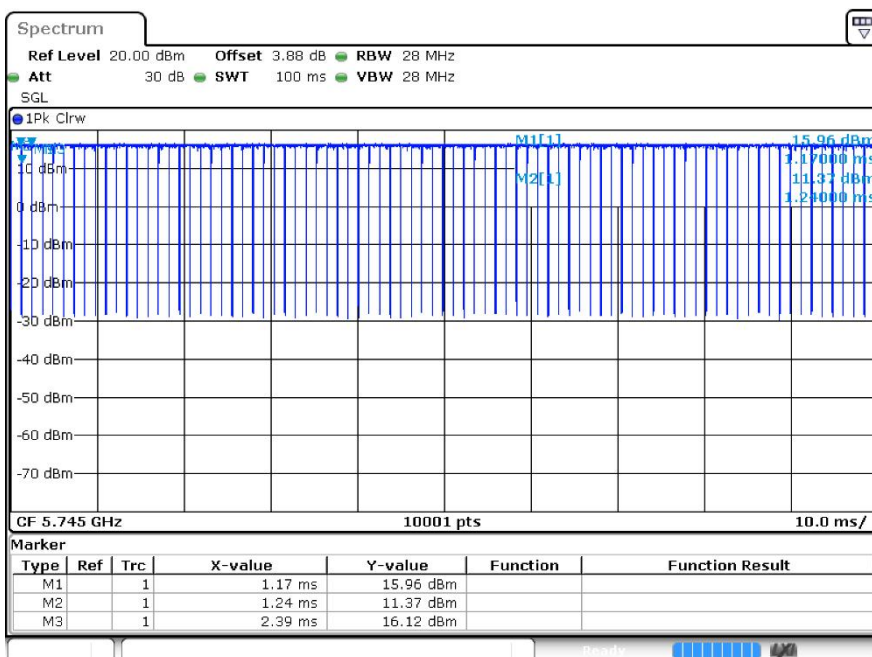


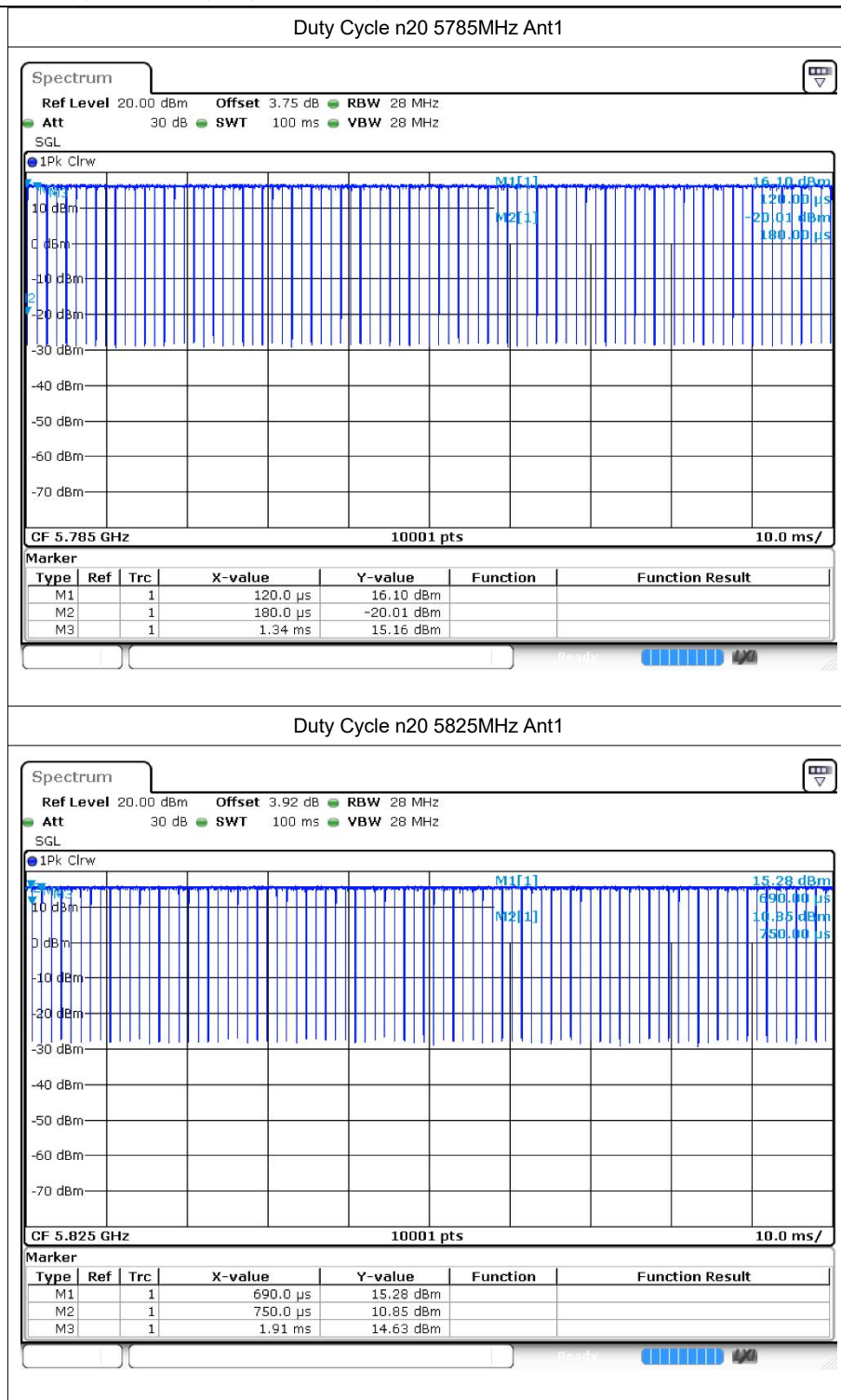


Duty Cycle a 5825MHz Ant1

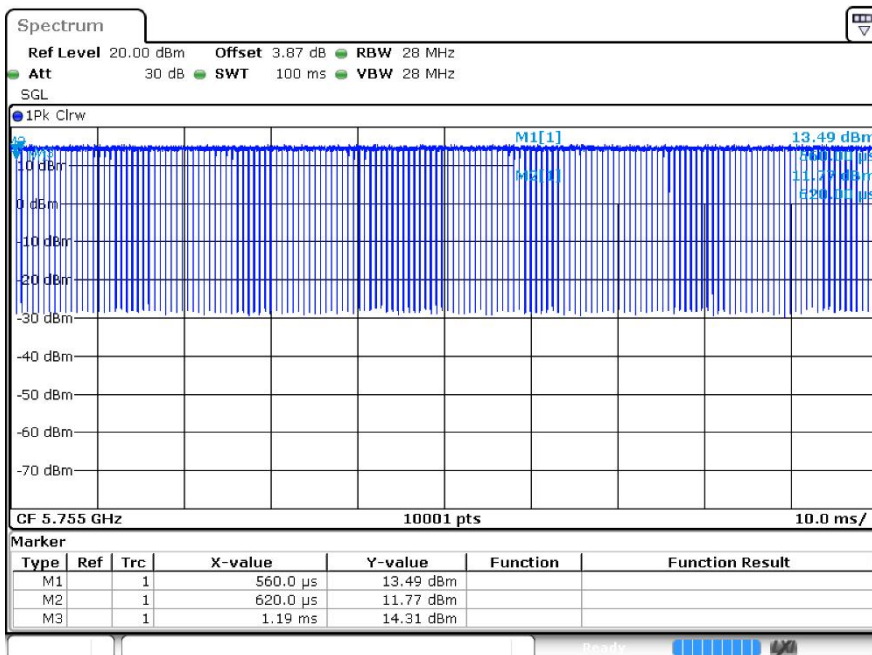


Duty Cycle n20 5745MHz Ant1

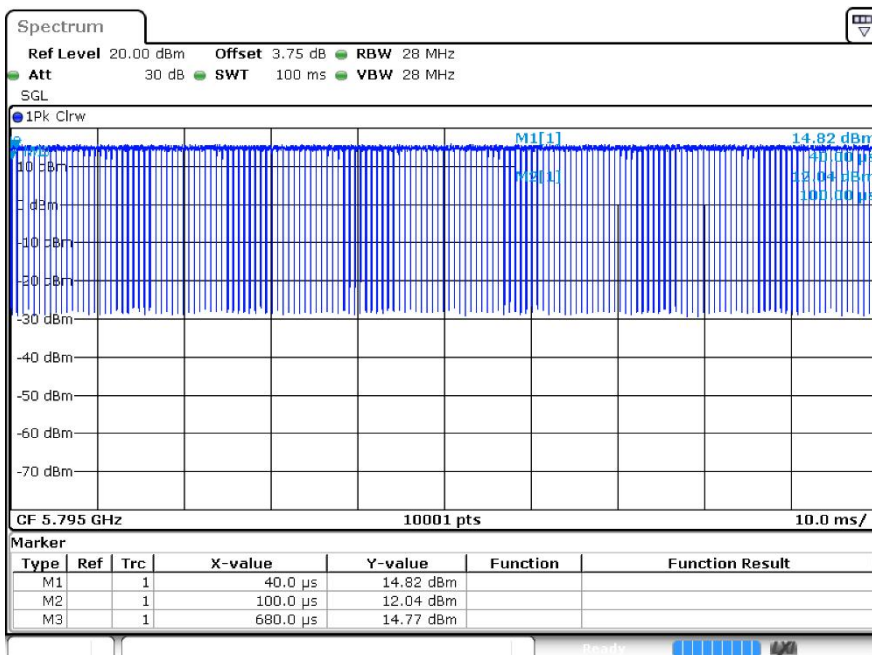




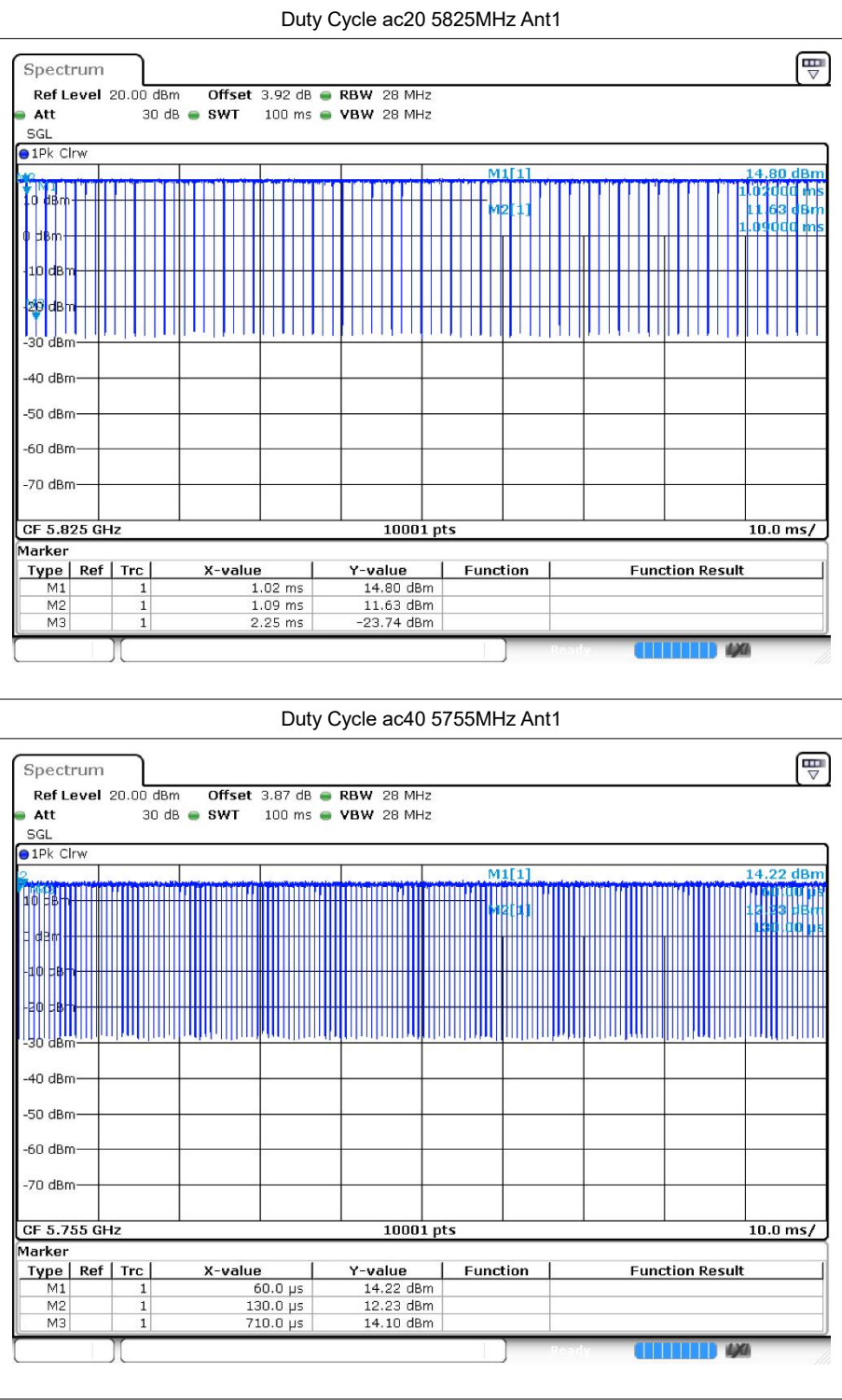
Duty Cycle n40 5755MHz Ant1



Duty Cycle n40 5795MHz Ant1











2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	13.34	30	Pass
a	5785	Ant1	13.6	30	Pass
a	5825	Ant1	12.86	30	Pass
n20	5745	Ant1	12.92	30	Pass
n20	5785	Ant1	13.21	30	Pass
n20	5825	Ant1	12.34	30	Pass
n40	5755	Ant1	11.97	30	Pass
n40	5795	Ant1	12.29	30	Pass
ac20	5745	Ant1	12.9	30	Pass
ac20	5785	Ant1	13.18	30	Pass
ac20	5825	Ant1	12.49	30	Pass
ac40	5755	Ant1	11.99	30	Pass
ac40	5795	Ant1	12.27	30	Pass
ac80	5775	Ant1	11.74	30	Pass

Note:

The duty factor has been compensated into the result.

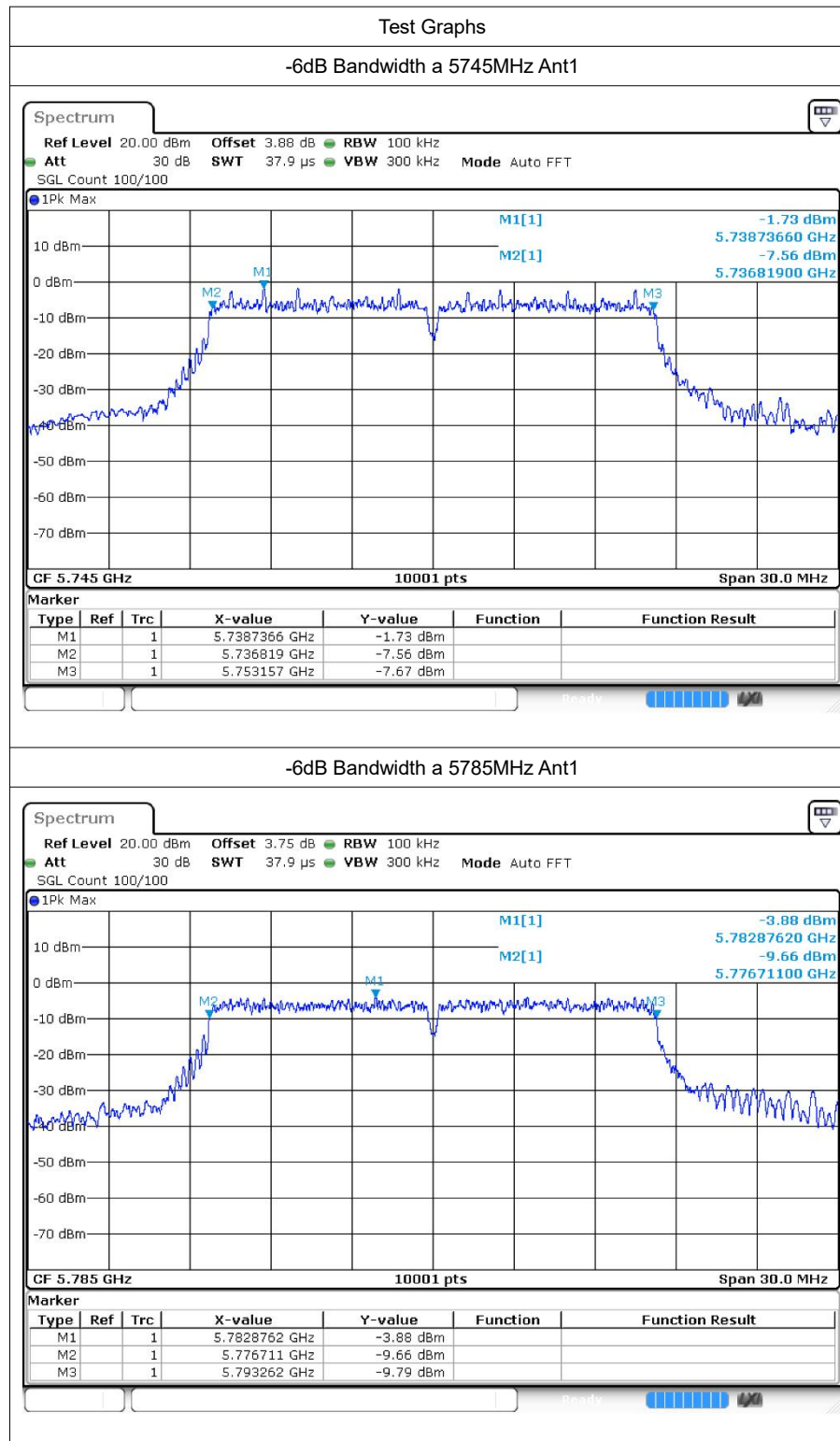


3 -6dB Bandwidth

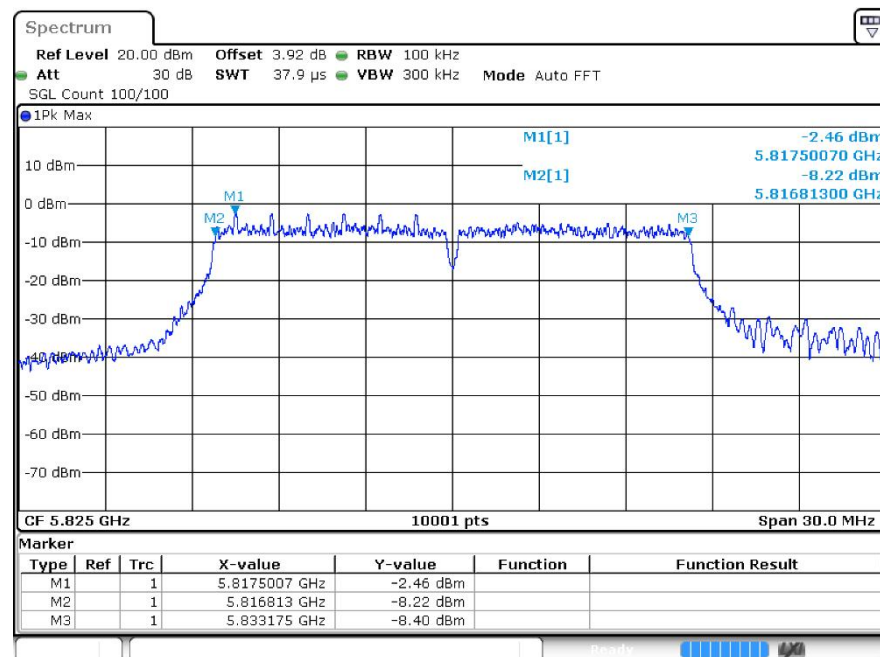
3.1 Test Result

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	16.551	0.5	Pass
a	5825	Ant1	16.362	0.5	Pass
n20	5745	Ant1	17.682	0.5	Pass
n20	5785	Ant1	17.556	0.5	Pass
n20	5825	Ant1	17.61	0.5	Pass
n40	5755	Ant1	35.742	0.5	Pass
n40	5795	Ant1	35.454	0.5	Pass
ac20	5745	Ant1	17.25	0.5	Pass
ac20	5785	Ant1	17.574	0.5	Pass
ac20	5825	Ant1	17.577	0.5	Pass
ac40	5755	Ant1	35.598	0.5	Pass
ac40	5795	Ant1	36.432	0.5	Pass
ac80	5775	Ant1	75.168	0.5	Pass

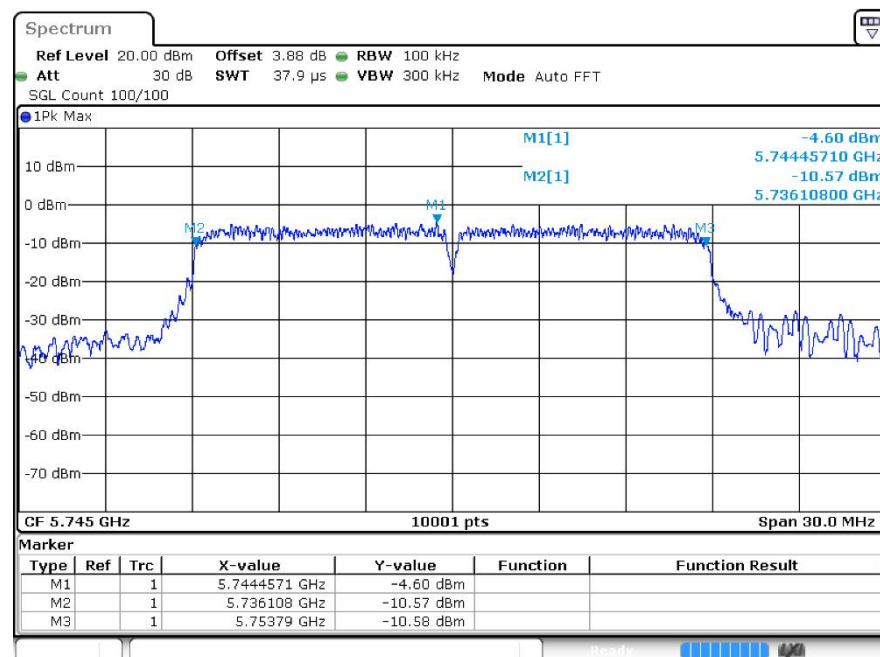
3.2 Test Graphs



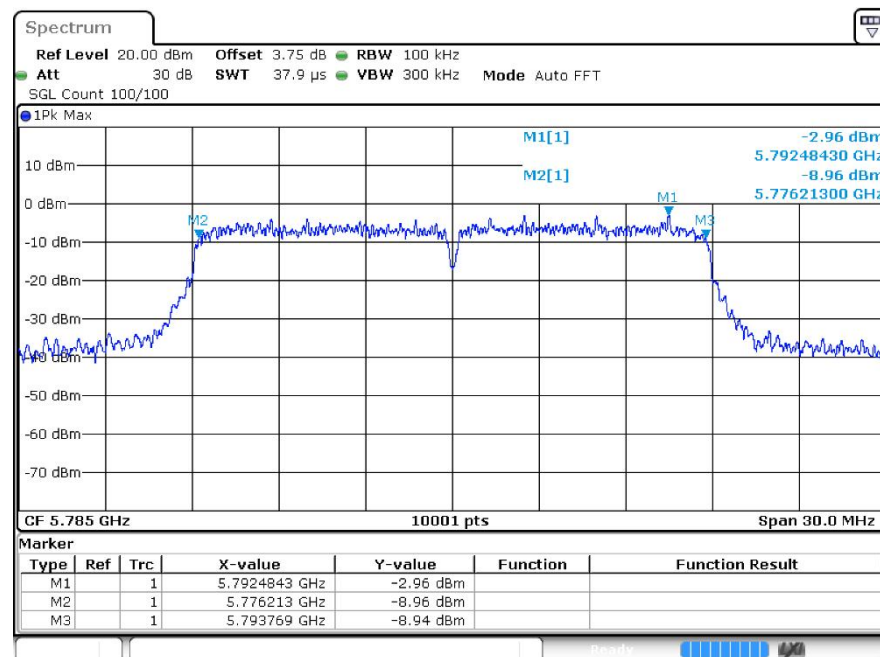
-6dB Bandwidth a 5825MHz Ant1



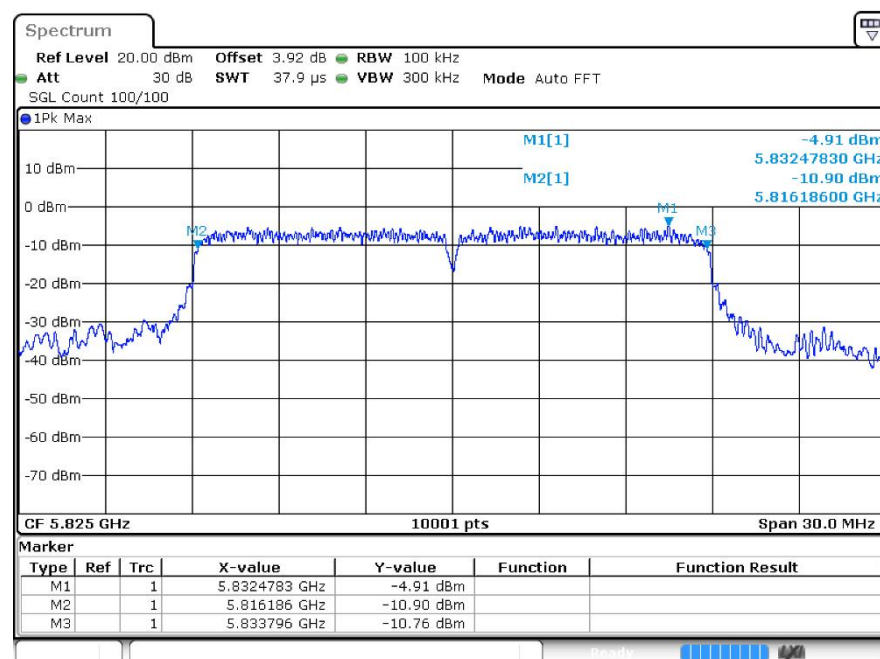
-6dB Bandwidth n20 5745MHz Ant1



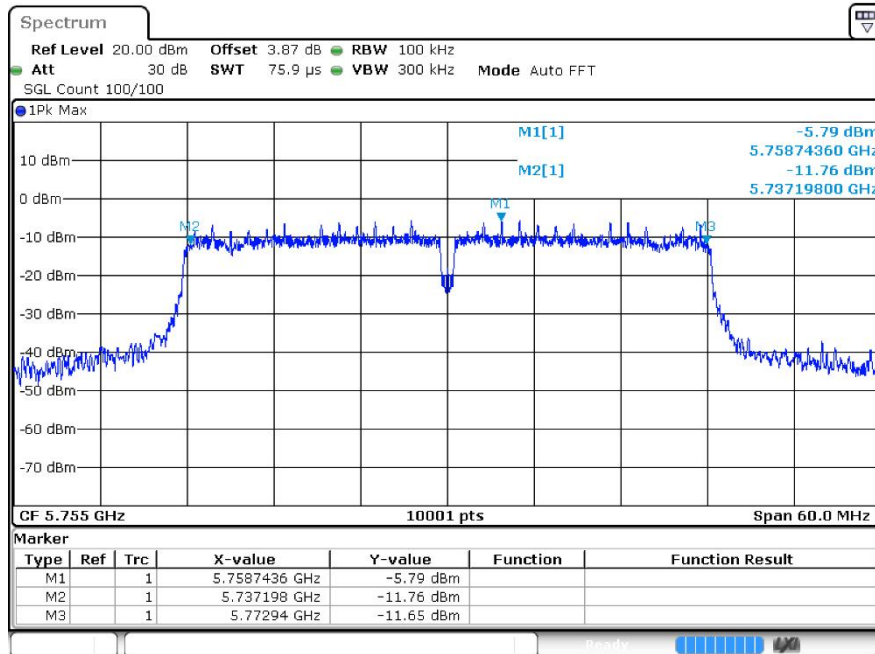
-6dB Bandwidth n20 5785MHz Ant1



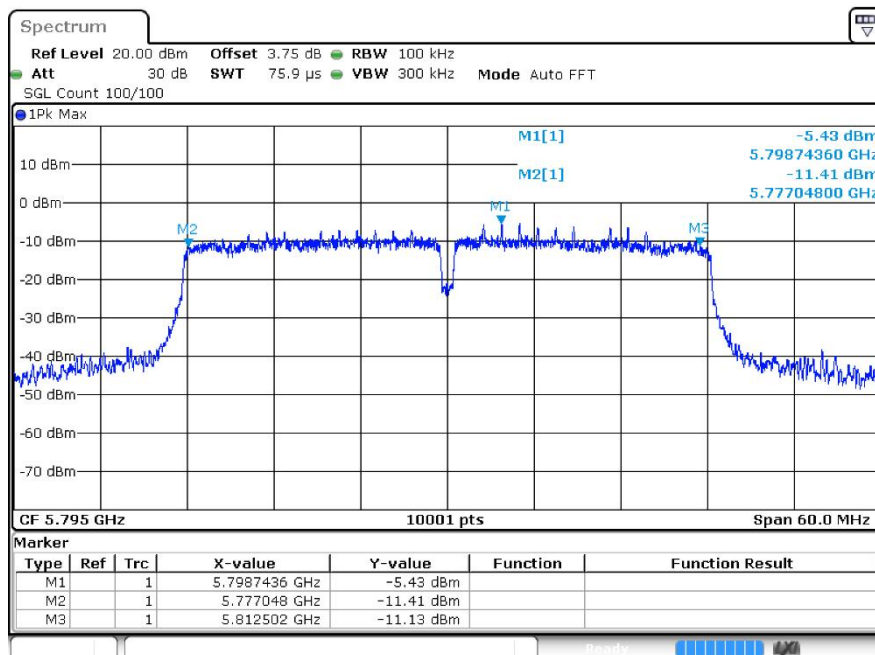
-6dB Bandwidth n20 5825MHz Ant1



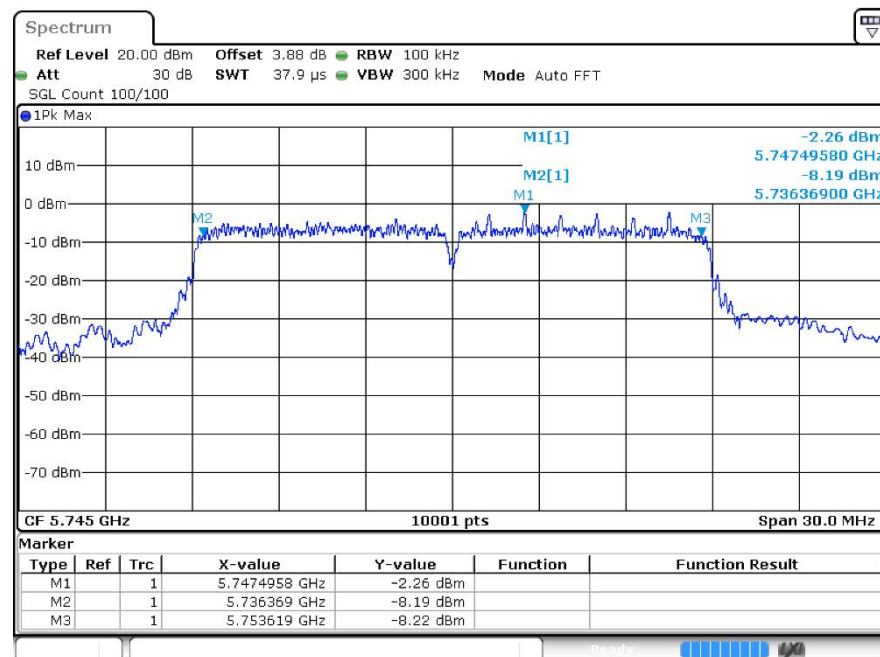
-6dB Bandwidth n40 5755MHz Ant1



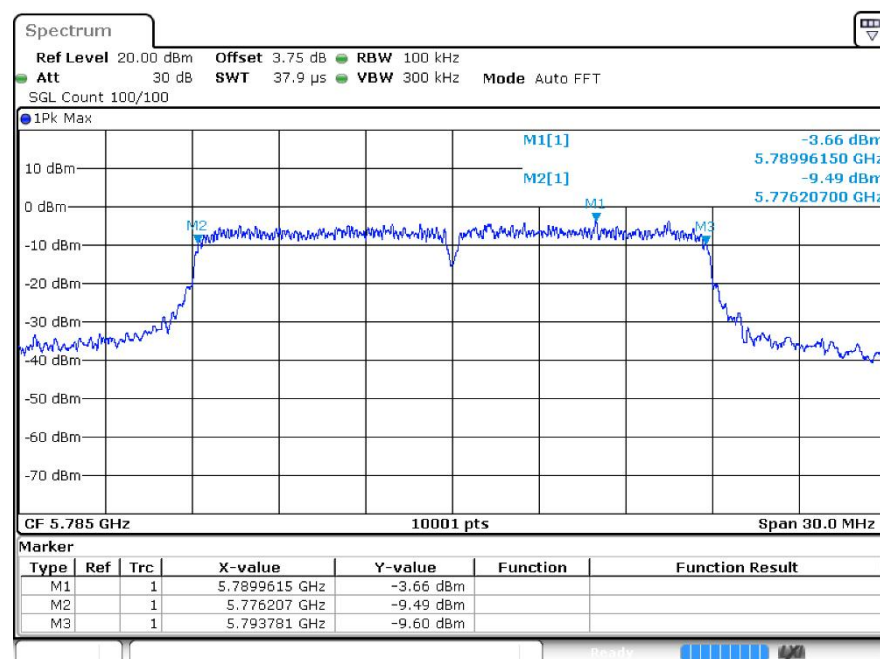
-6dB Bandwidth n40 5795MHz Ant1



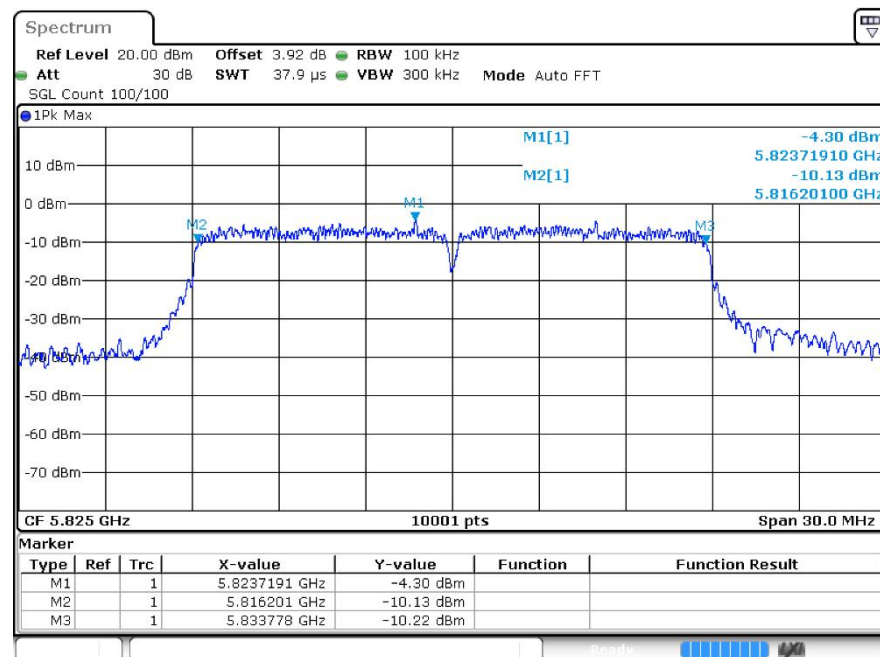
-6dB Bandwidth ac20 5745MHz Ant1



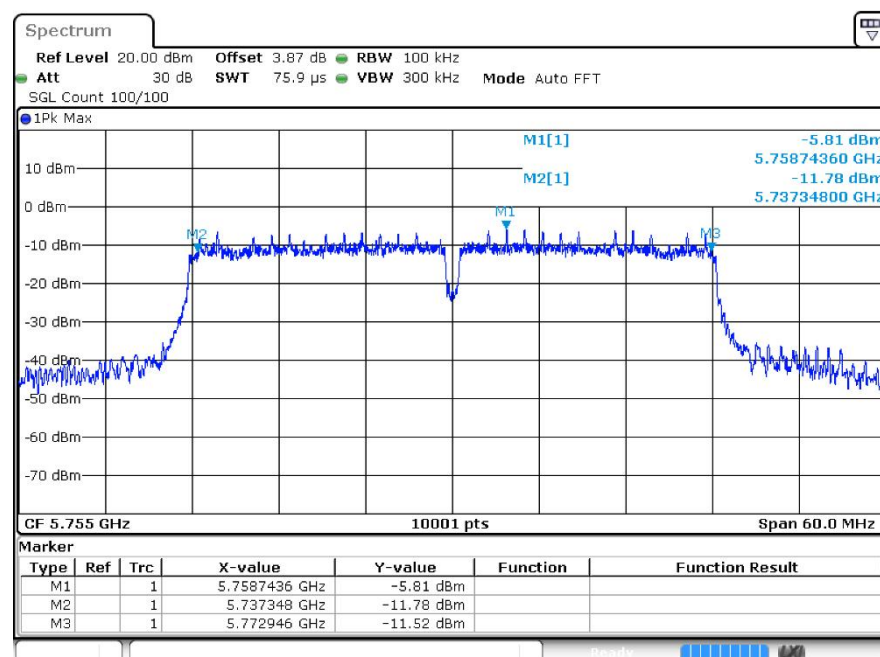
-6dB Bandwidth ac20 5785MHz Ant1



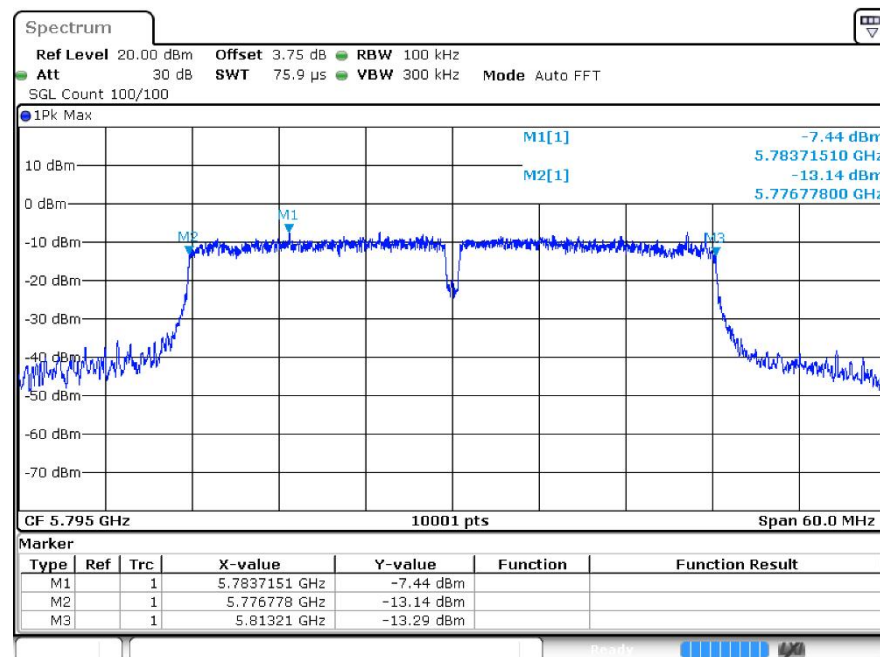
-6dB Bandwidth ac20 5825MHz Ant1



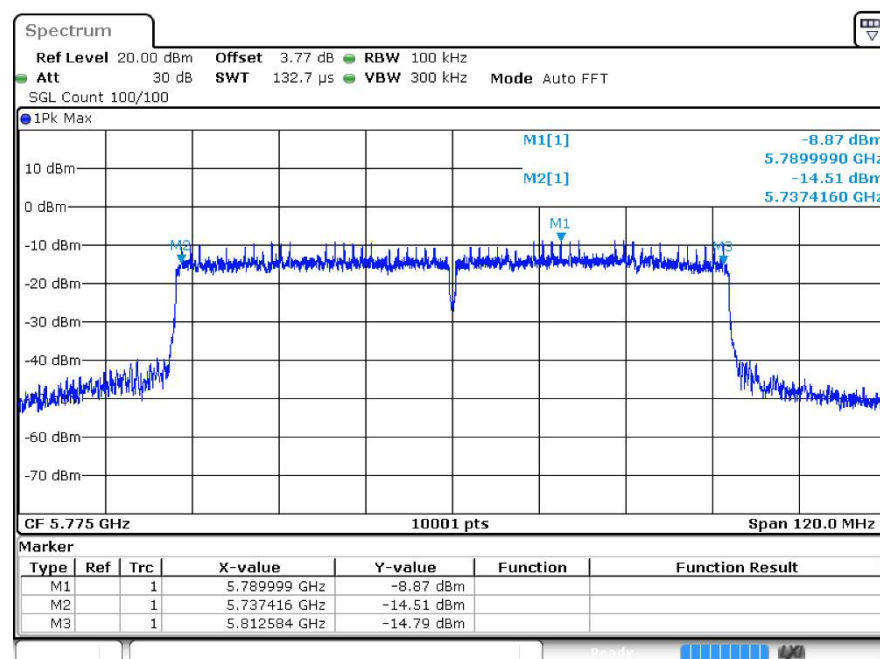
-6dB Bandwidth ac40 5755MHz Ant1



-6dB Bandwidth ac40 5795MHz Ant1



-6dB Bandwidth ac80 5775MHz Ant1



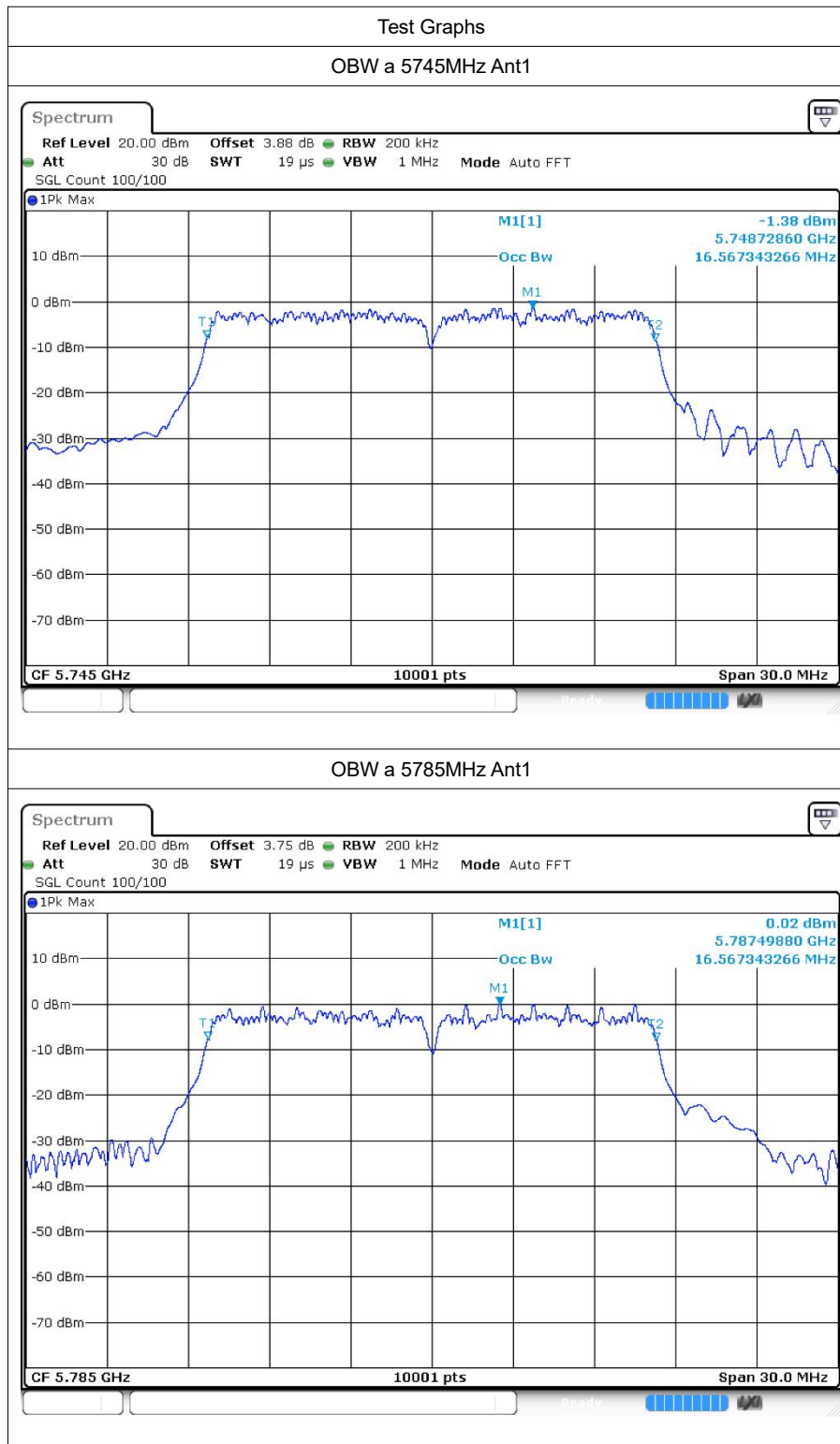


4 Occupied Channel Bandwidth

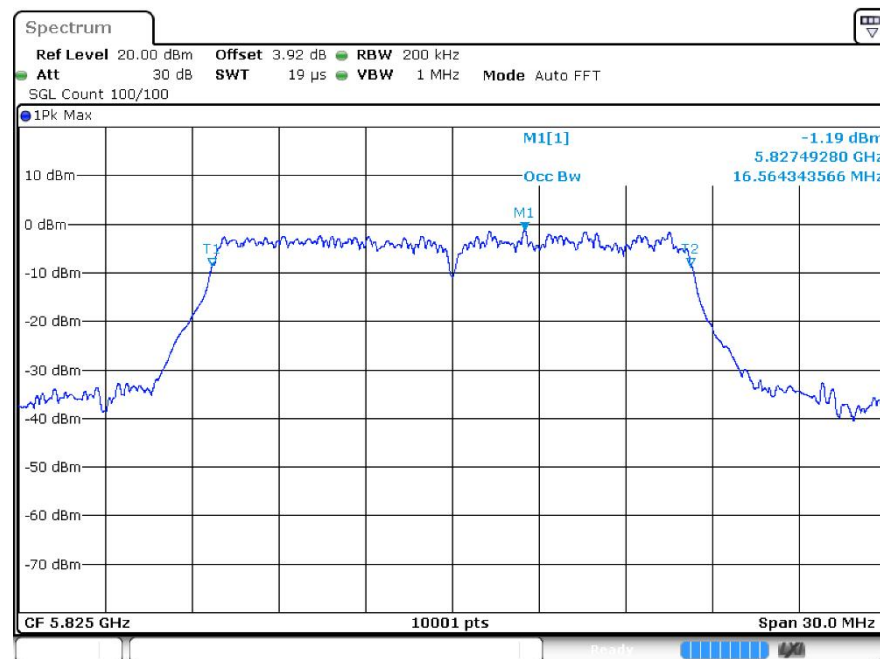
4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5745	Ant1	16.567
a	5785	Ant1	16.567
a	5825	Ant1	16.564
n20	5745	Ant1	17.629
n20	5785	Ant1	17.599
n20	5825	Ant1	17.587
n40	5755	Ant1	36.08
n40	5795	Ant1	35.96
ac20	5745	Ant1	17.68
ac20	5785	Ant1	17.647
ac20	5825	Ant1	17.707
ac40	5755	Ant1	36.284
ac40	5795	Ant1	36.044
ac80	5775	Ant1	75.496

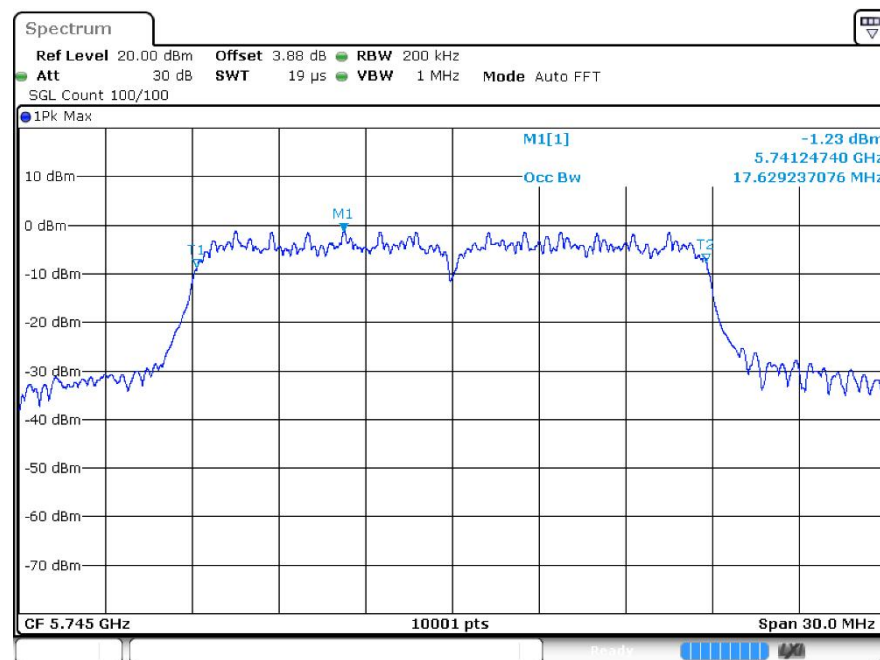
4.2 Test Graphs



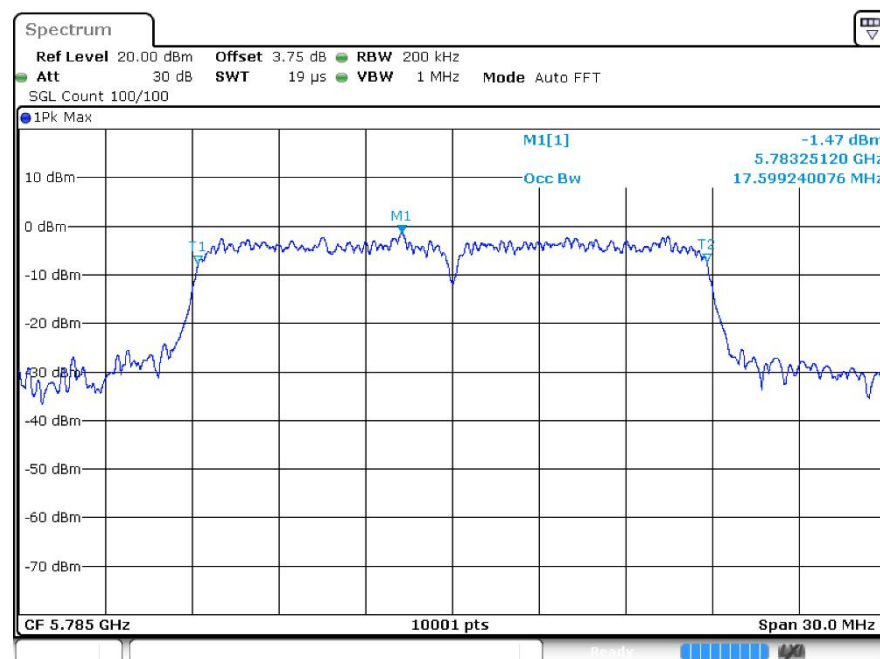
OBW a 5825MHz Ant1



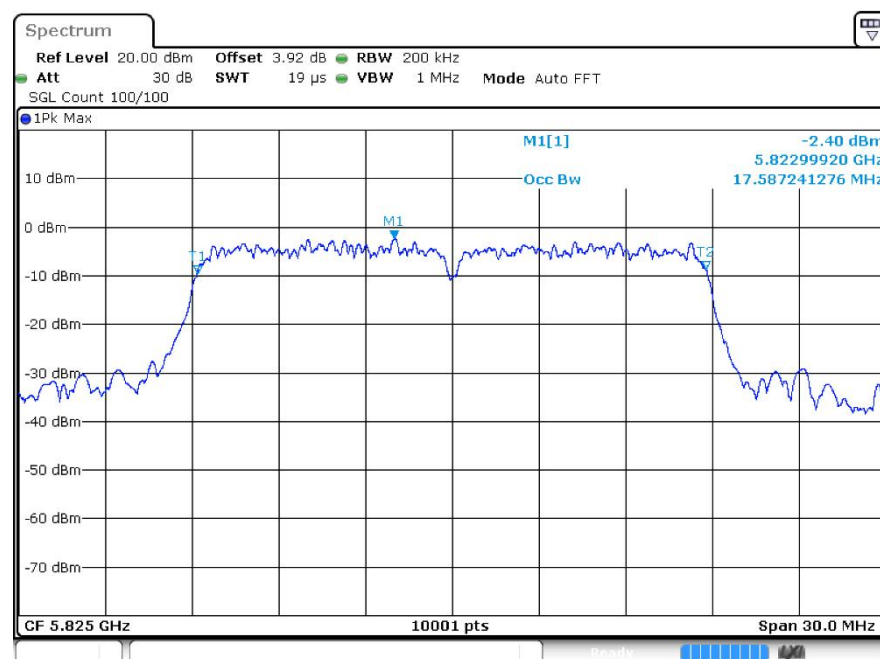
OBW n20 5745MHz Ant1



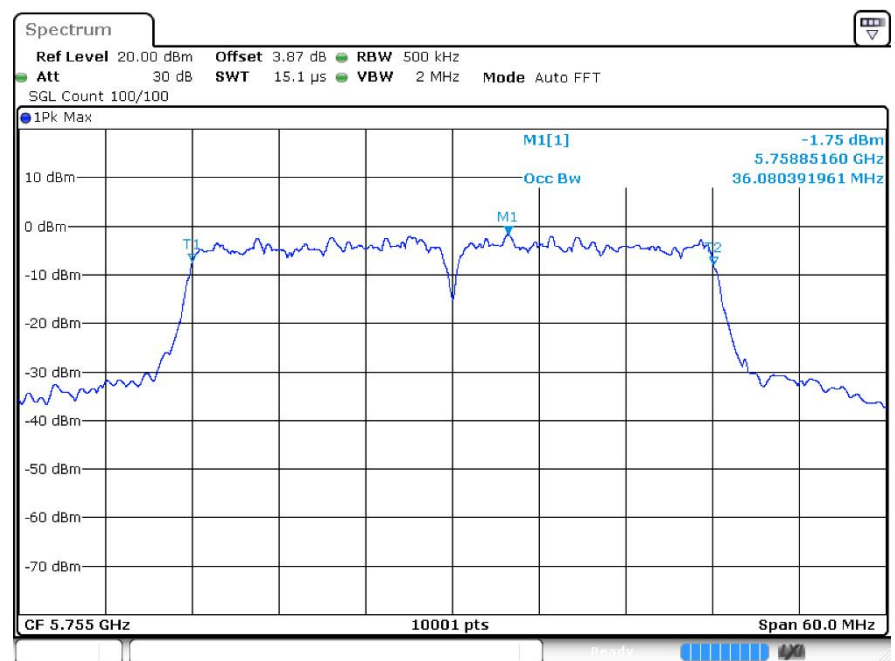
OBW n20 5785MHz Ant1



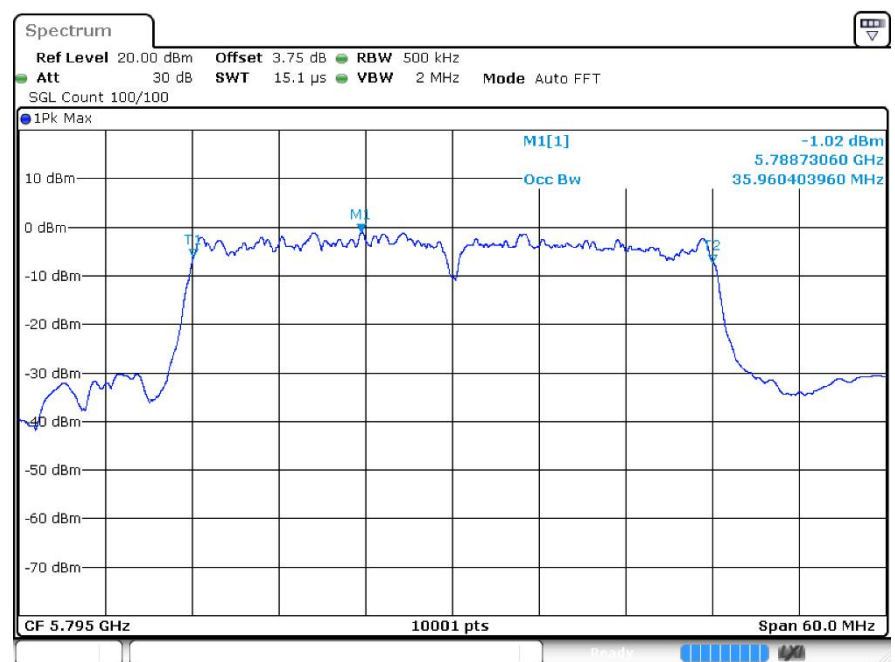
OBW n20 5825MHz Ant1



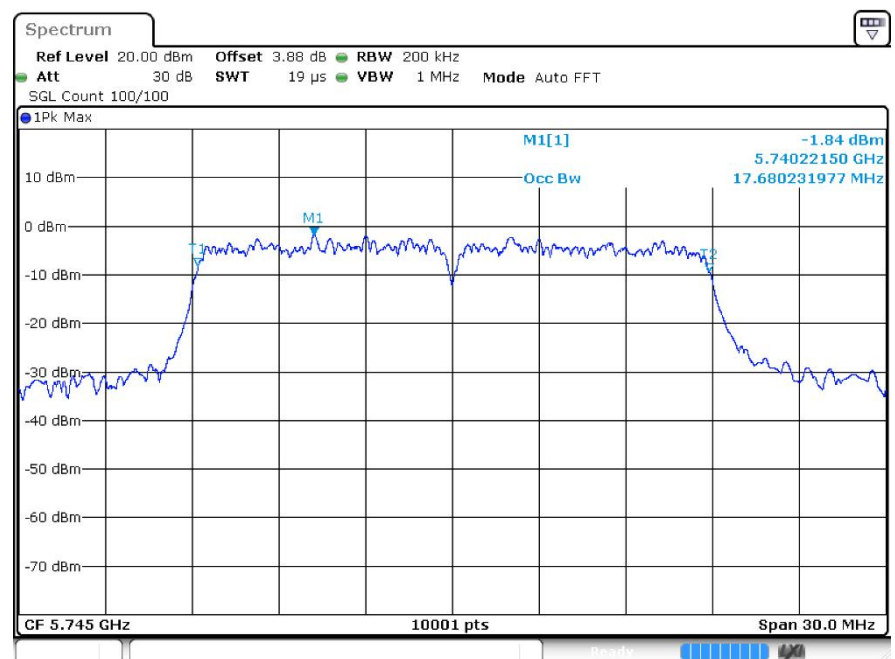
OBW n40 5755MHz Ant1



OBW n40 5795MHz Ant1



OBW ac20 5745MHz Ant1



OBW ac20 5785MHz Ant1

