



Appendix E

RF Test Data for 5.8GWIFI(Conducted Measurement)

Product Name: Laptop

Trade Mark: Blackview

Test Model: AceBook 6

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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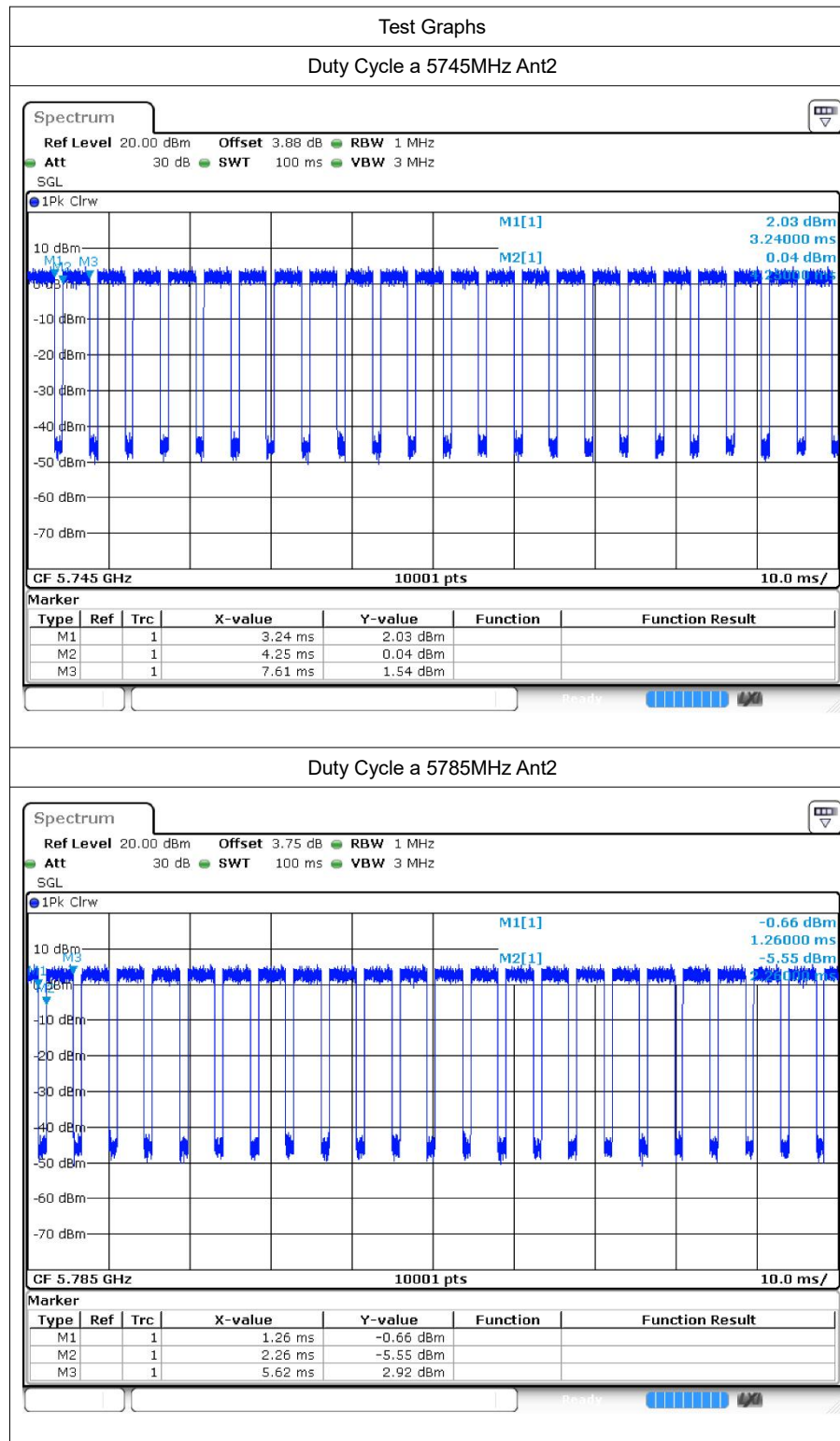
1 Duty Cycle

1.1 Test Result

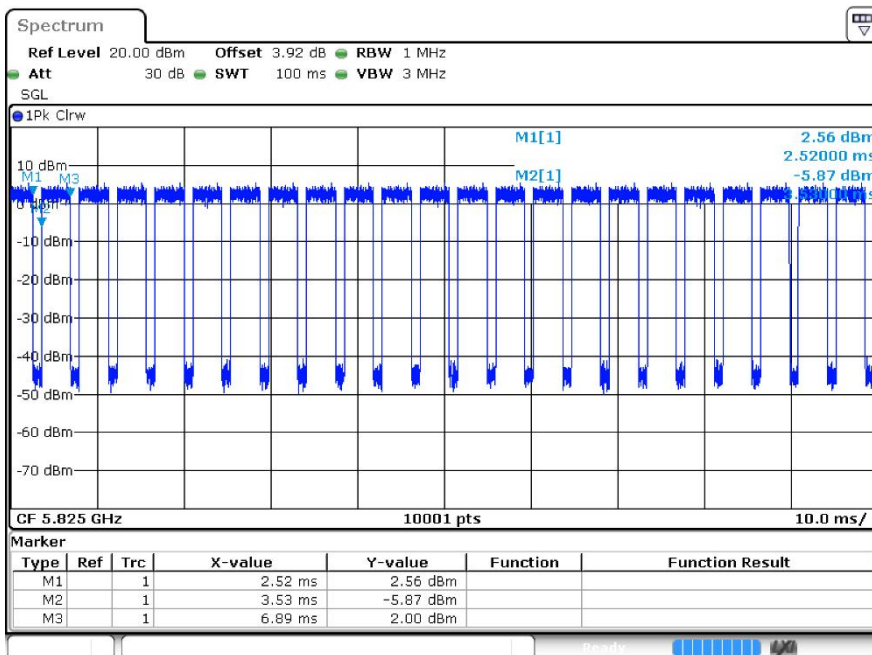
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5745	Ant2	77.39	1.11	0.3
a	5785	Ant2	77.15	1.13	0.3
a	5825	Ant2	77.16	1.13	0.3
n20	5745	Ant2	75.62	1.21	0.32
n20	5785	Ant2	76.15	1.18	0.32
n20	5825	Ant2	76.15	1.18	0.32
n40	5755	Ant2	61.02	2.15	0.66
n40	5795	Ant2	61.25	2.13	0.66
ac20	5745	Ant2	76.18	1.18	0.32
ac20	5785	Ant2	76.15	1.18	0.32
ac20	5825	Ant2	76.14	1.18	0.32
ac40	5755	Ant2	60.29	2.2	0.66
ac40	5795	Ant2	60.38	2.19	0.66
ac80	5775	Ant2	42.67	3.7	1.37



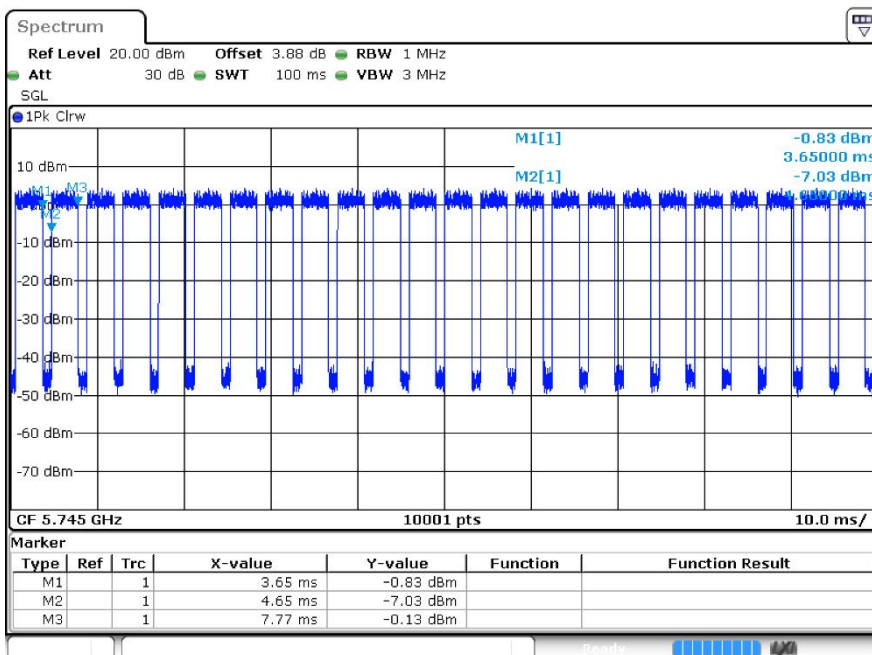
1.2 Test Graphs



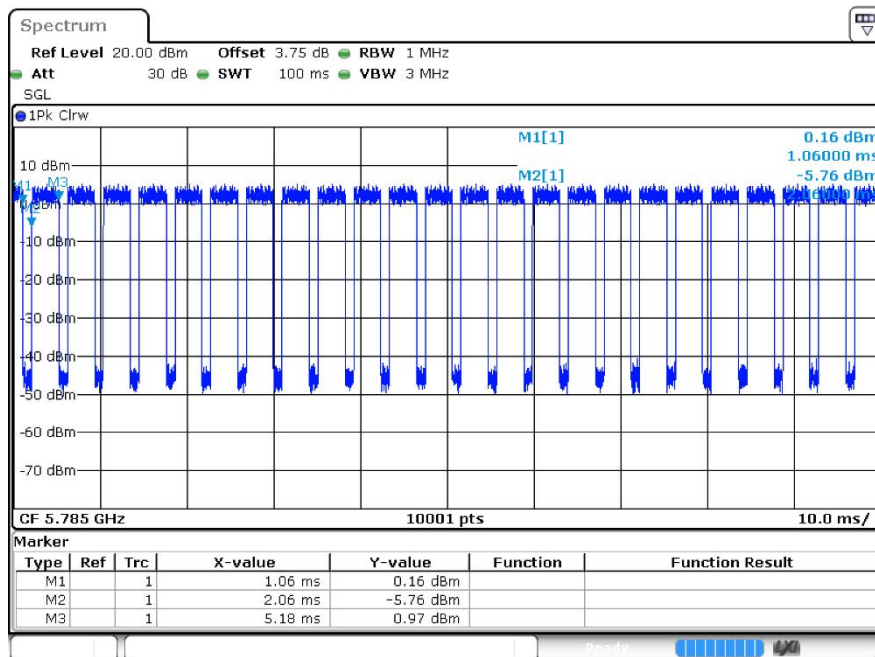
Duty Cycle a 5825MHz Ant2



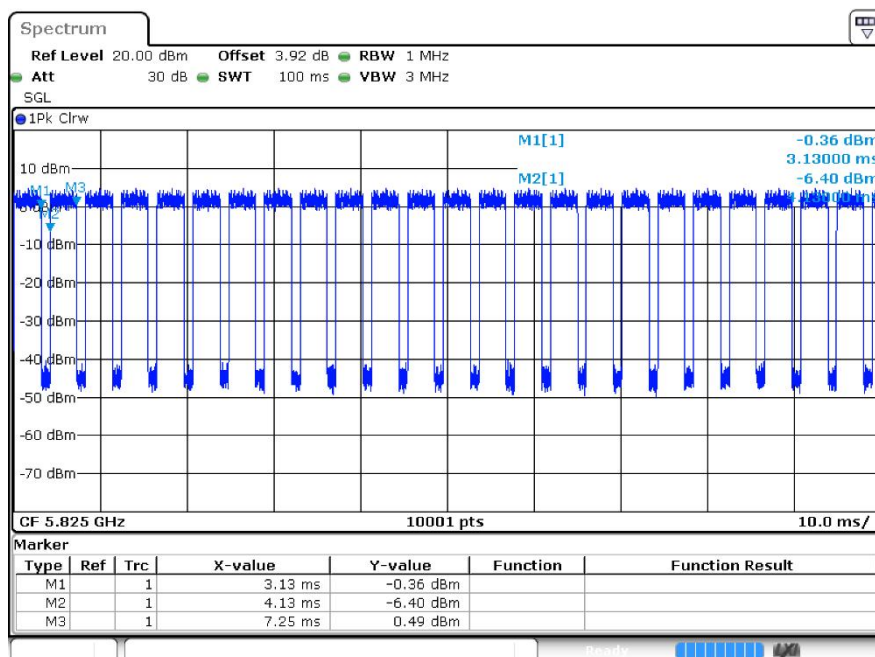
Duty Cycle n20 5745MHz Ant2



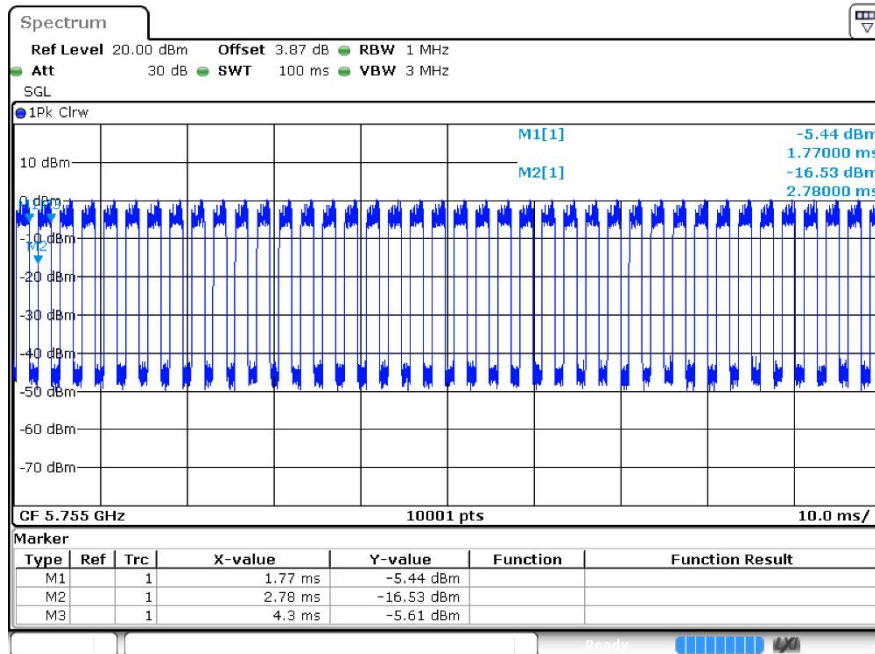
Duty Cycle n20 5785MHz Ant2



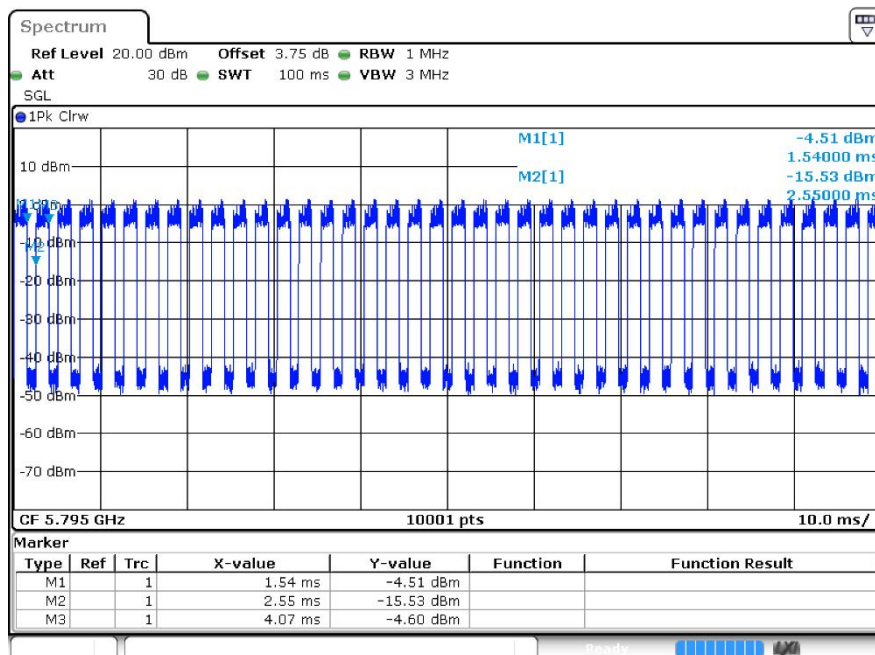
Duty Cycle n20 5825MHz Ant2



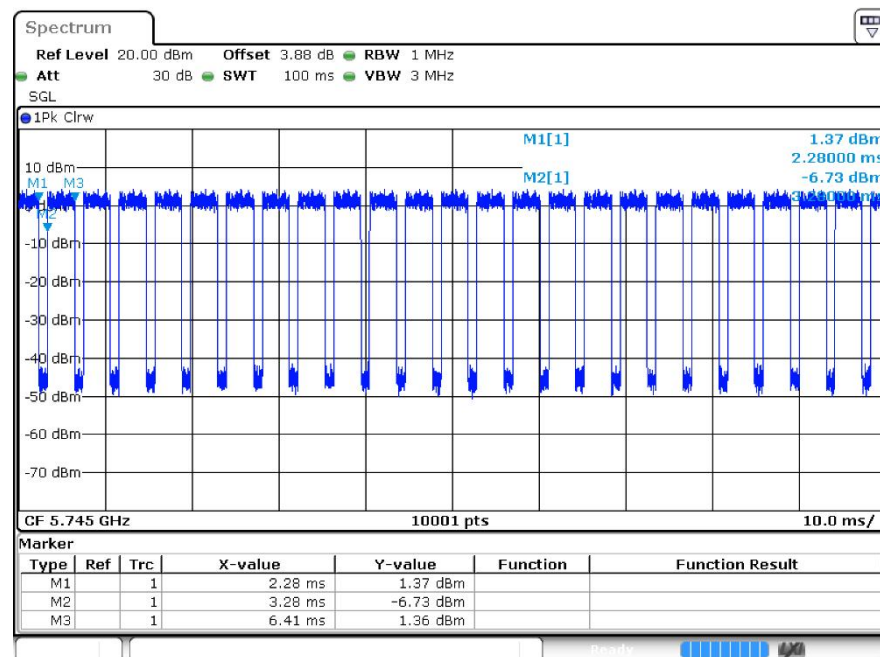
Duty Cycle n40 5755MHz Ant2



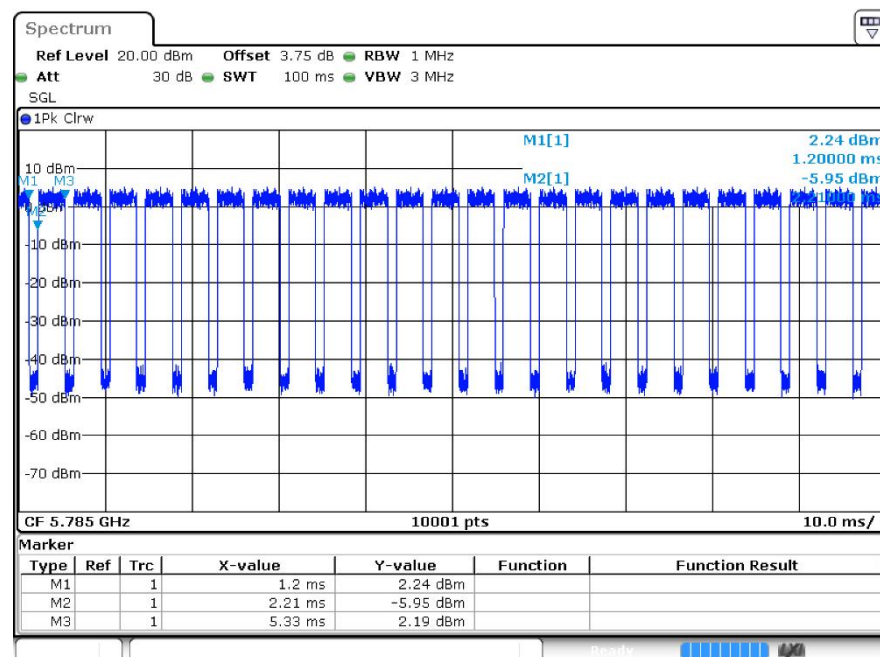
Duty Cycle n40 5795MHz Ant2



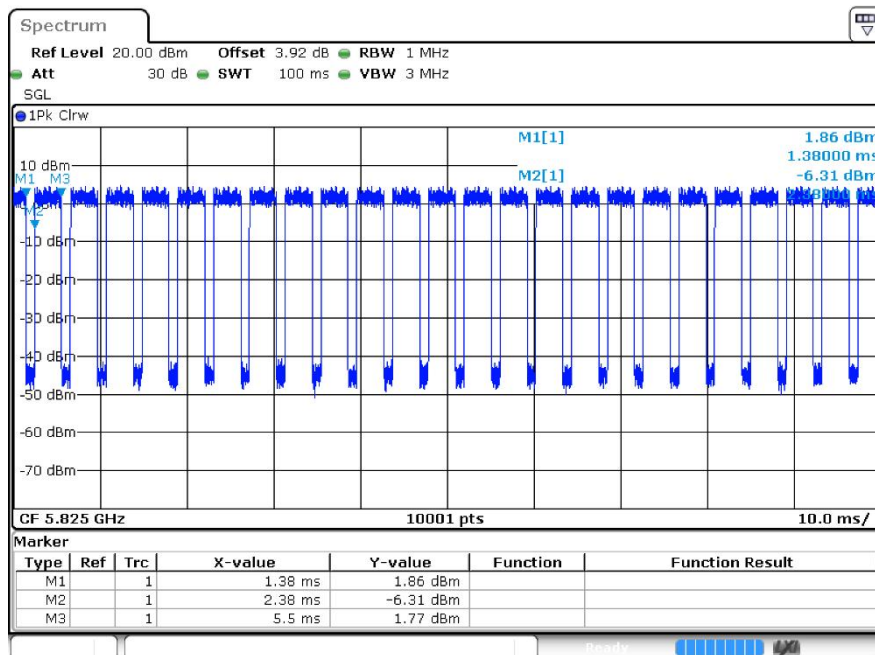
Duty Cycle ac20 5745MHz Ant2



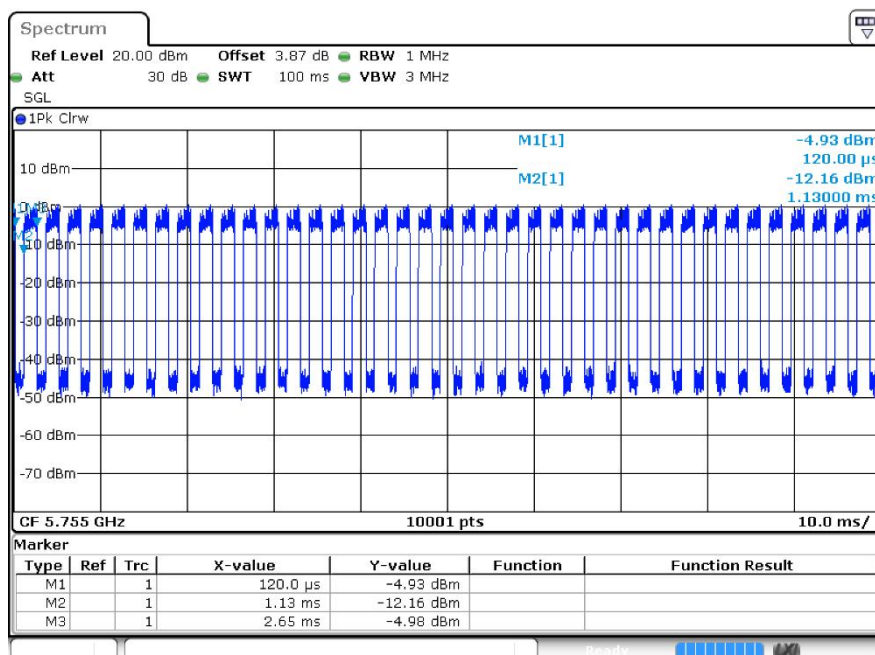
Duty Cycle ac20 5785MHz Ant2



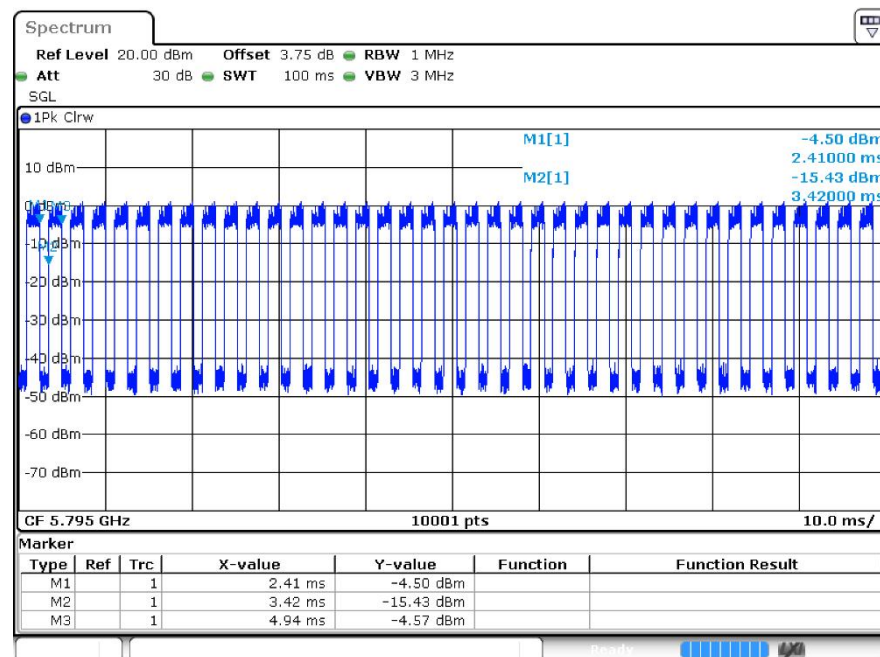
Duty Cycle ac20 5825MHz Ant2



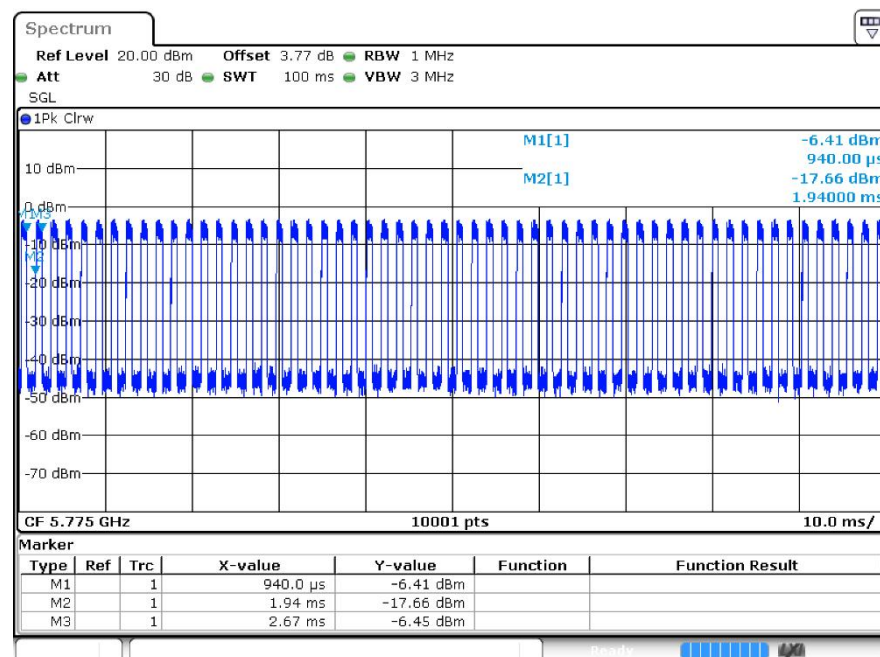
Duty Cycle ac40 5755MHz Ant2



Duty Cycle ac40 5795MHz Ant2



Duty Cycle ac80 5775MHz Ant2



2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
a	5745	Ant2	13.26	30	Pass
a	5785	Ant2	14.14	30	Pass
a	5825	Ant2	13.83	30	Pass
n20	5745	Ant2	12.8	30	Pass
n20	5785	Ant2	13.68	30	Pass
n20	5825	Ant2	13.35	30	Pass
n40	5755	Ant2	12.94	30	Pass
n40	5795	Ant2	13.62	30	Pass
ac20	5745	Ant2	12.84	30	Pass
ac20	5785	Ant2	13.65	30	Pass
ac20	5825	Ant2	13.37	30	Pass
ac40	5755	Ant2	13.45	30	Pass
ac40	5795	Ant2	13.67	30	Pass
ac80	5775	Ant2	12.9	30	Pass

Note:

The duty factor has been compensated into the result.

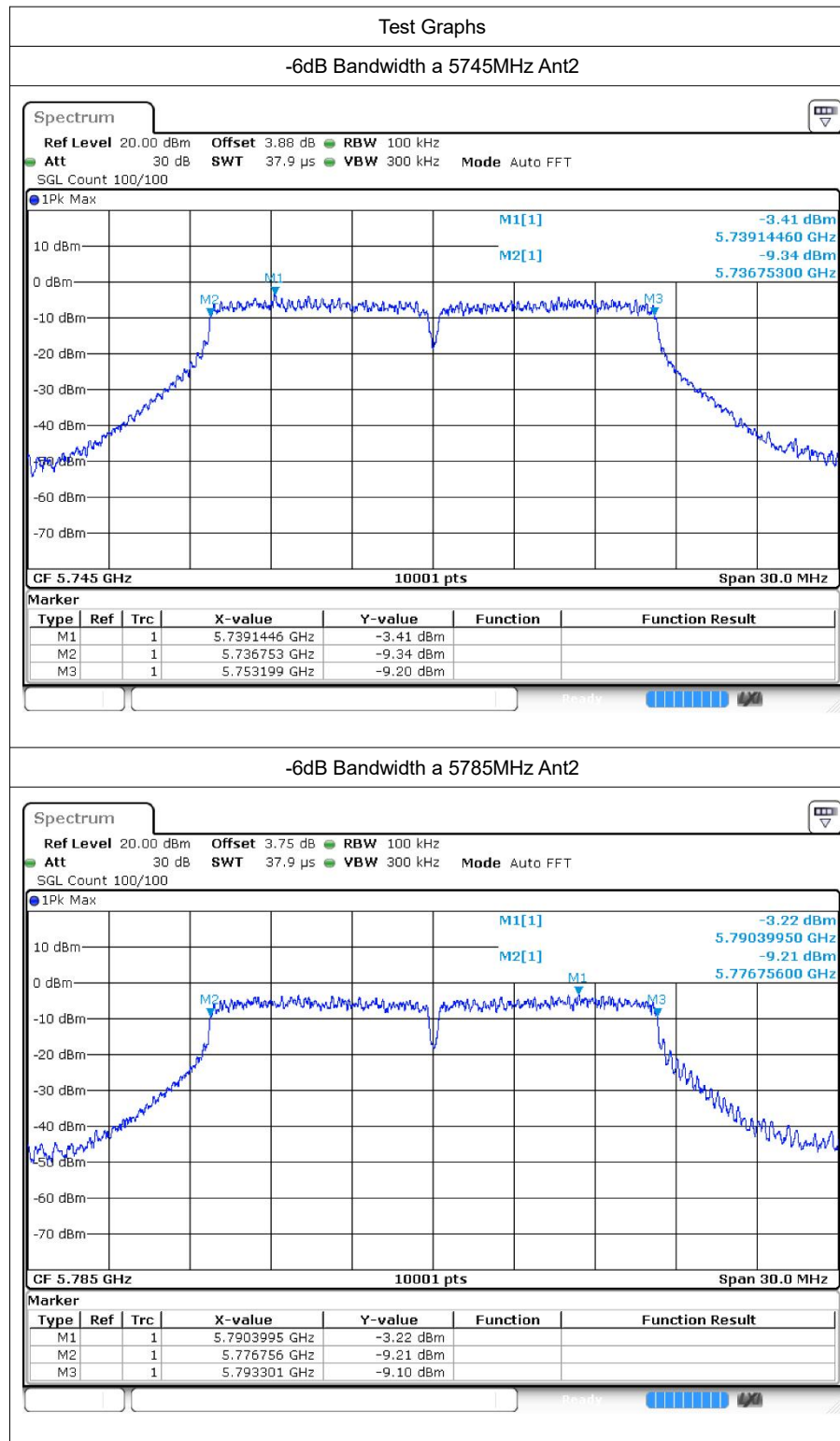


3 -6dB Bandwidth

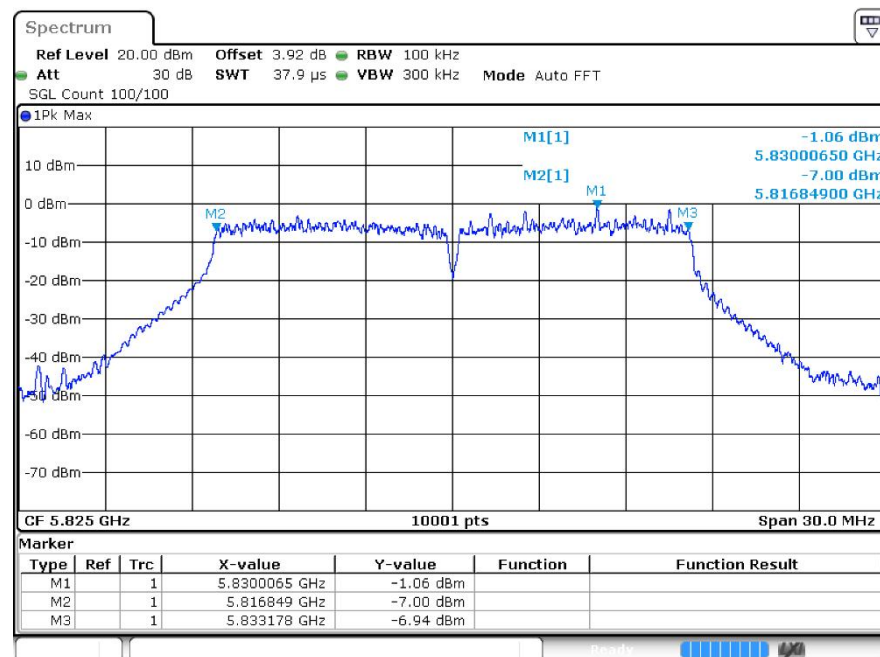
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant2	16.446	0.5	Pass
a	5785	Ant2	16.545	0.5	Pass
a	5825	Ant2	16.329	0.5	Pass
n20	5745	Ant2	17.658	0.5	Pass
n20	5785	Ant2	17.571	0.5	Pass
n20	5825	Ant2	17.727	0.5	Pass
n40	5755	Ant2	34.68	0.5	Pass
n40	5795	Ant2	35.1	0.5	Pass
ac20	5745	Ant2	17.55	0.5	Pass
ac20	5785	Ant2	17.631	0.5	Pass
ac20	5825	Ant2	17.418	0.5	Pass
ac40	5755	Ant2	36.378	0.5	Pass
ac40	5795	Ant2	36.264	0.5	Pass
ac80	5775	Ant2	75.084	0.5	Pass

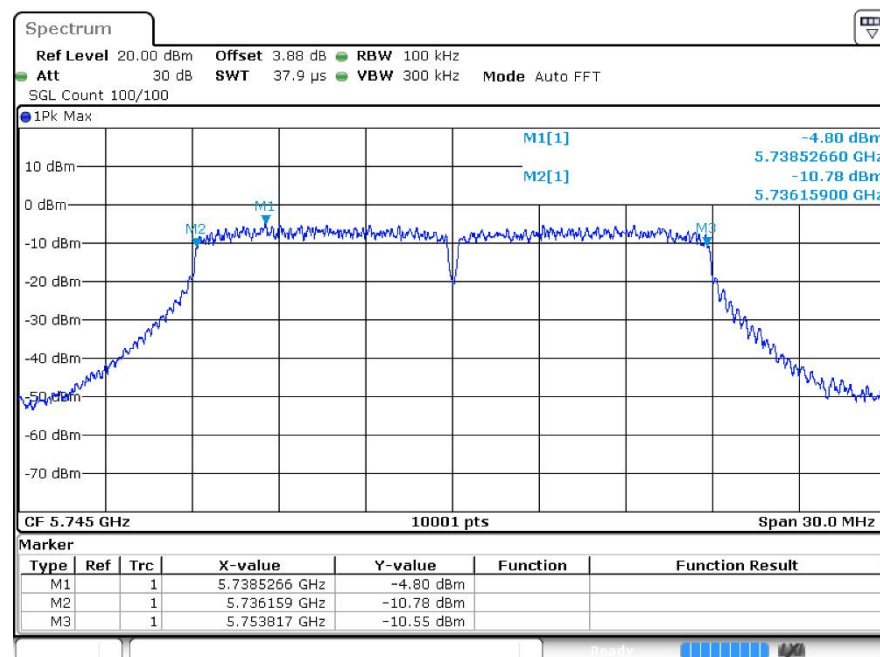
3.2 Test Graphs



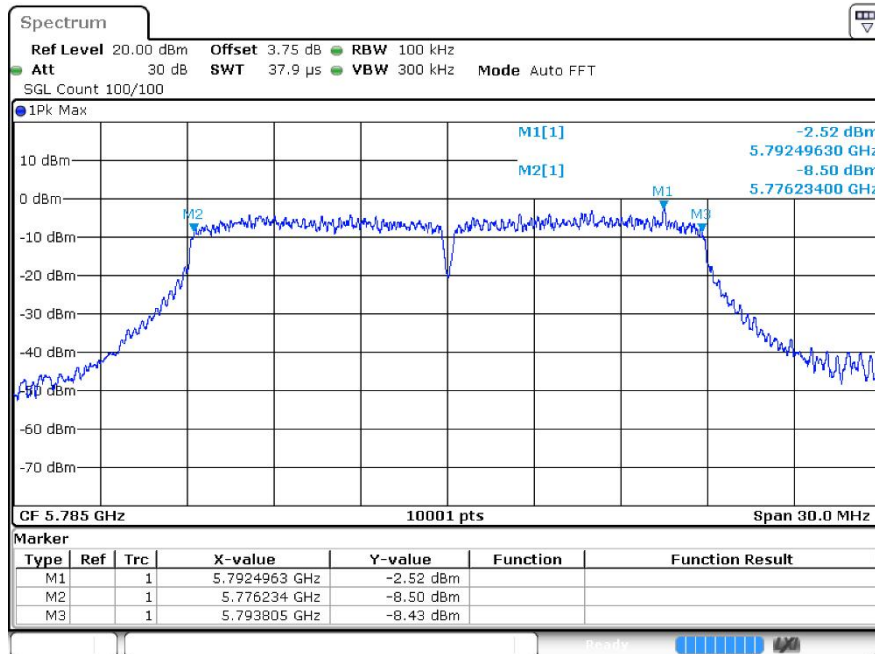
-6dB Bandwidth a 5825MHz Ant2



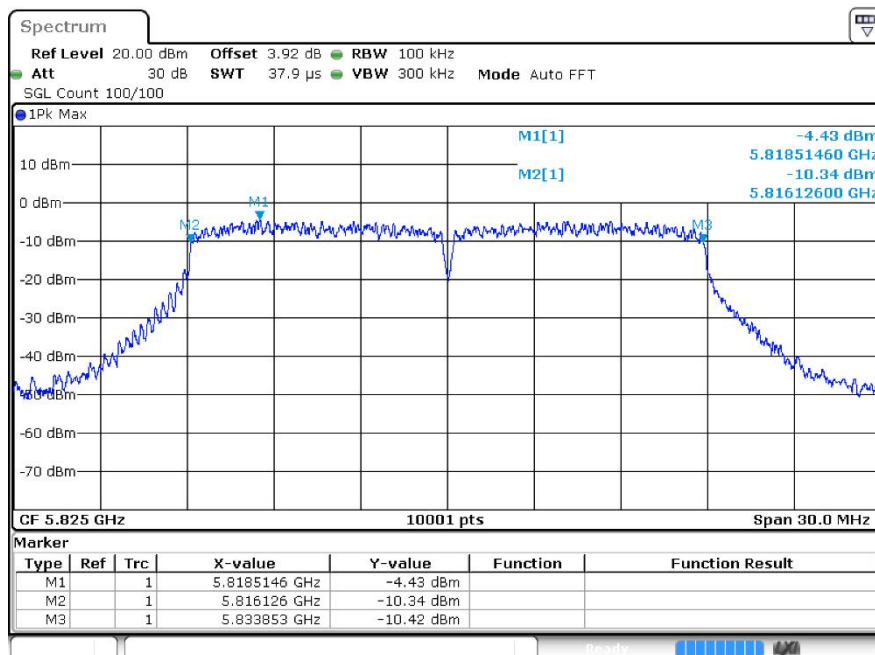
-6dB Bandwidth n20 5745MHz Ant2



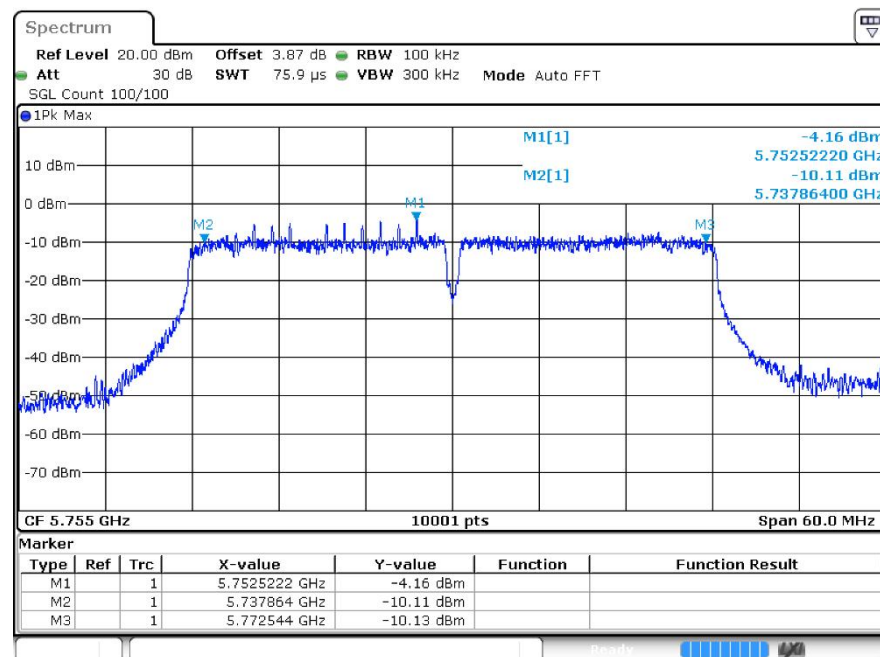
-6dB Bandwidth n20 5785MHz Ant2



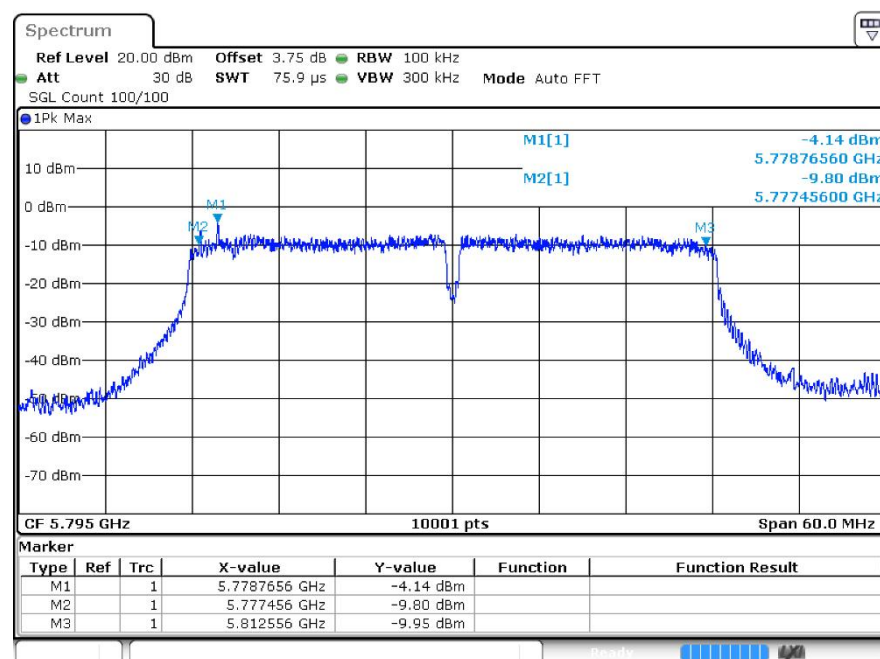
-6dB Bandwidth n20 5825MHz Ant2



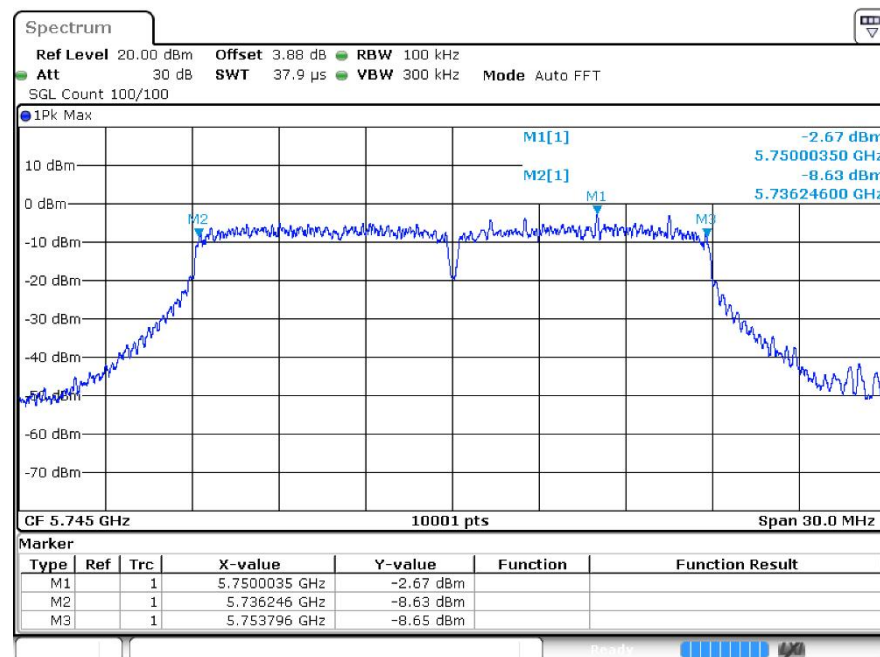
-6dB Bandwidth n40 5755MHz Ant2



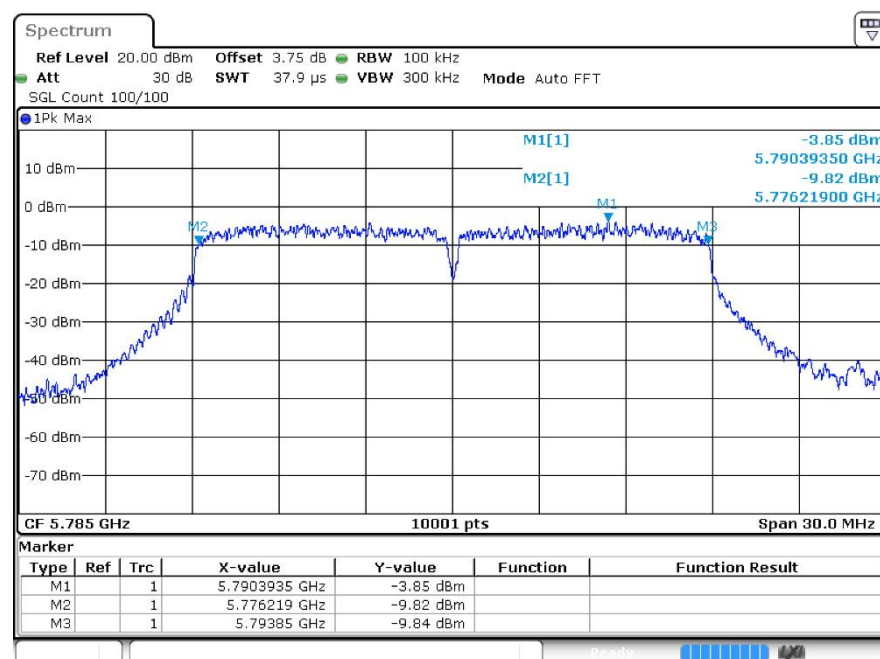
-6dB Bandwidth n40 5795MHz Ant2



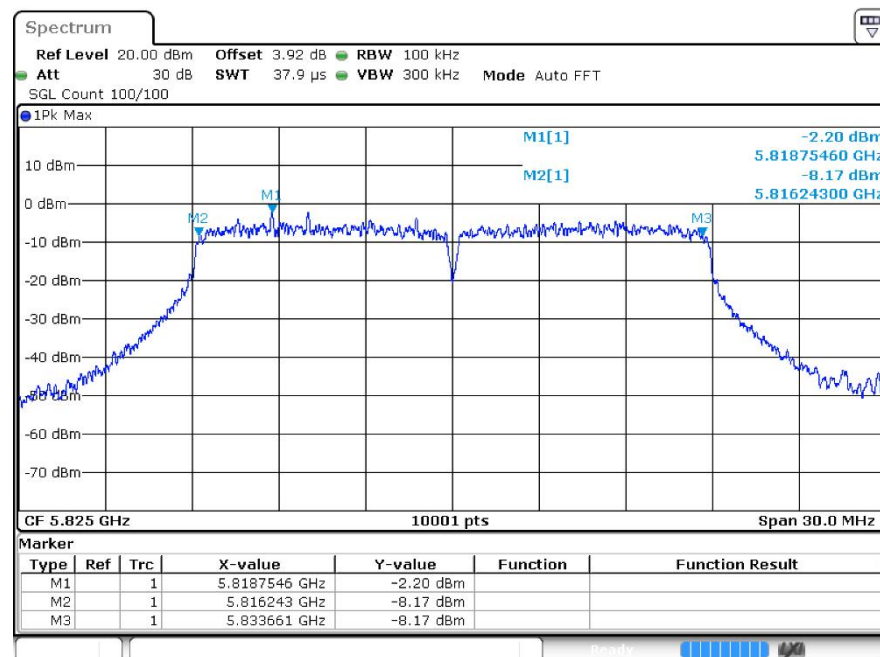
-6dB Bandwidth ac20 5745MHz Ant2



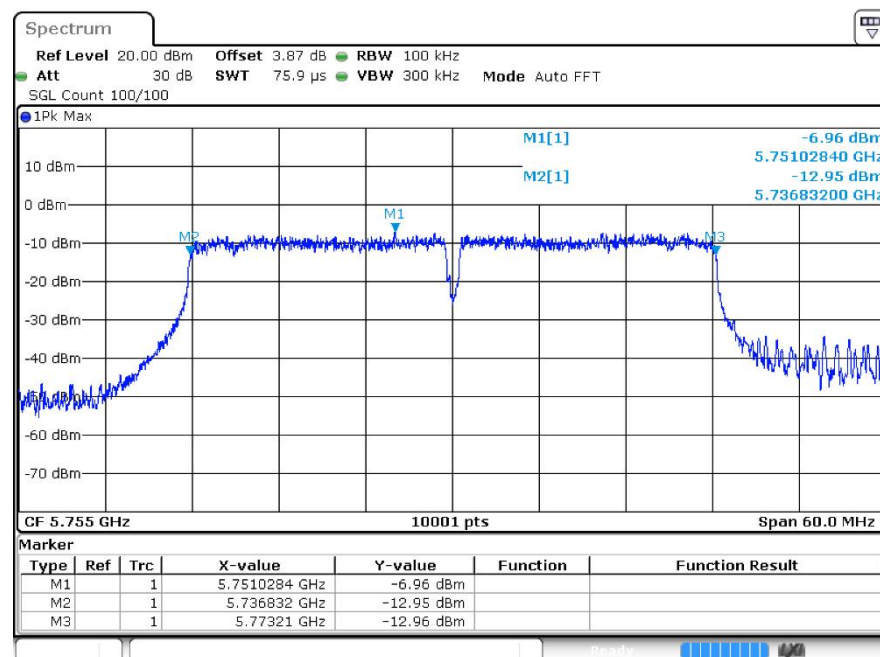
-6dB Bandwidth ac20 5785MHz Ant2



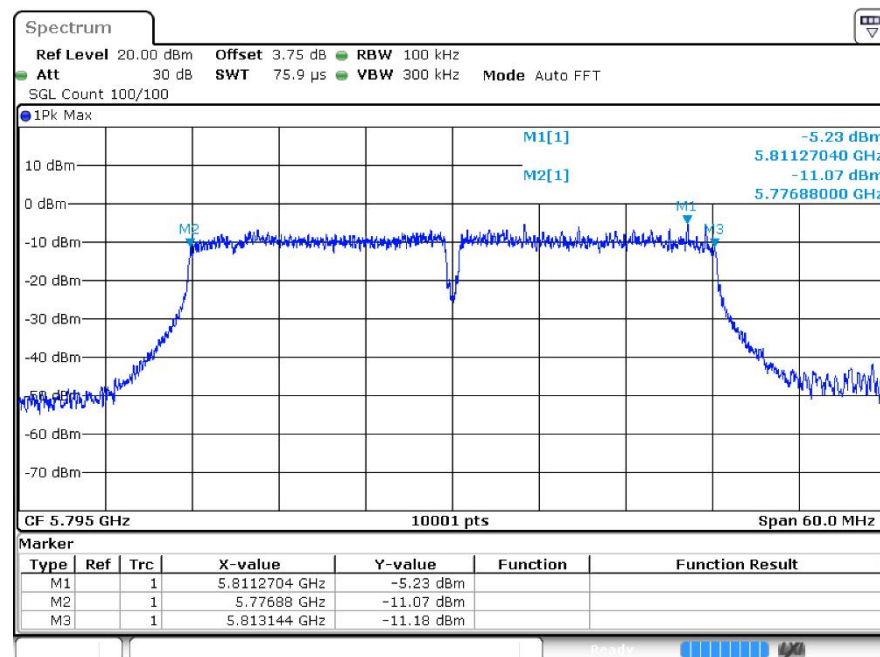
-6dB Bandwidth ac20 5825MHz Ant2



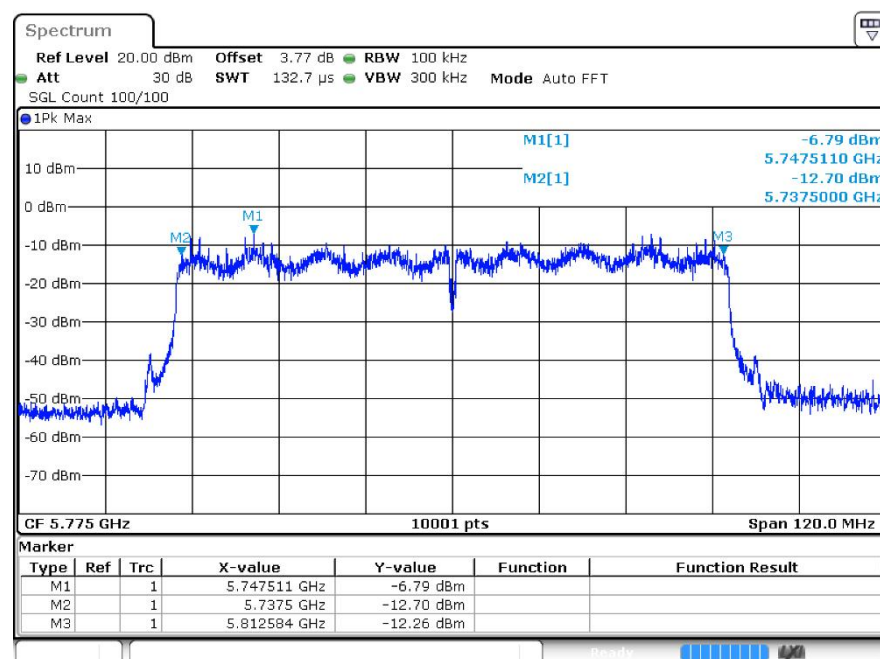
-6dB Bandwidth ac40 5755MHz Ant2



-6dB Bandwidth ac40 5795MHz Ant2



-6dB Bandwidth ac80 5775MHz Ant2



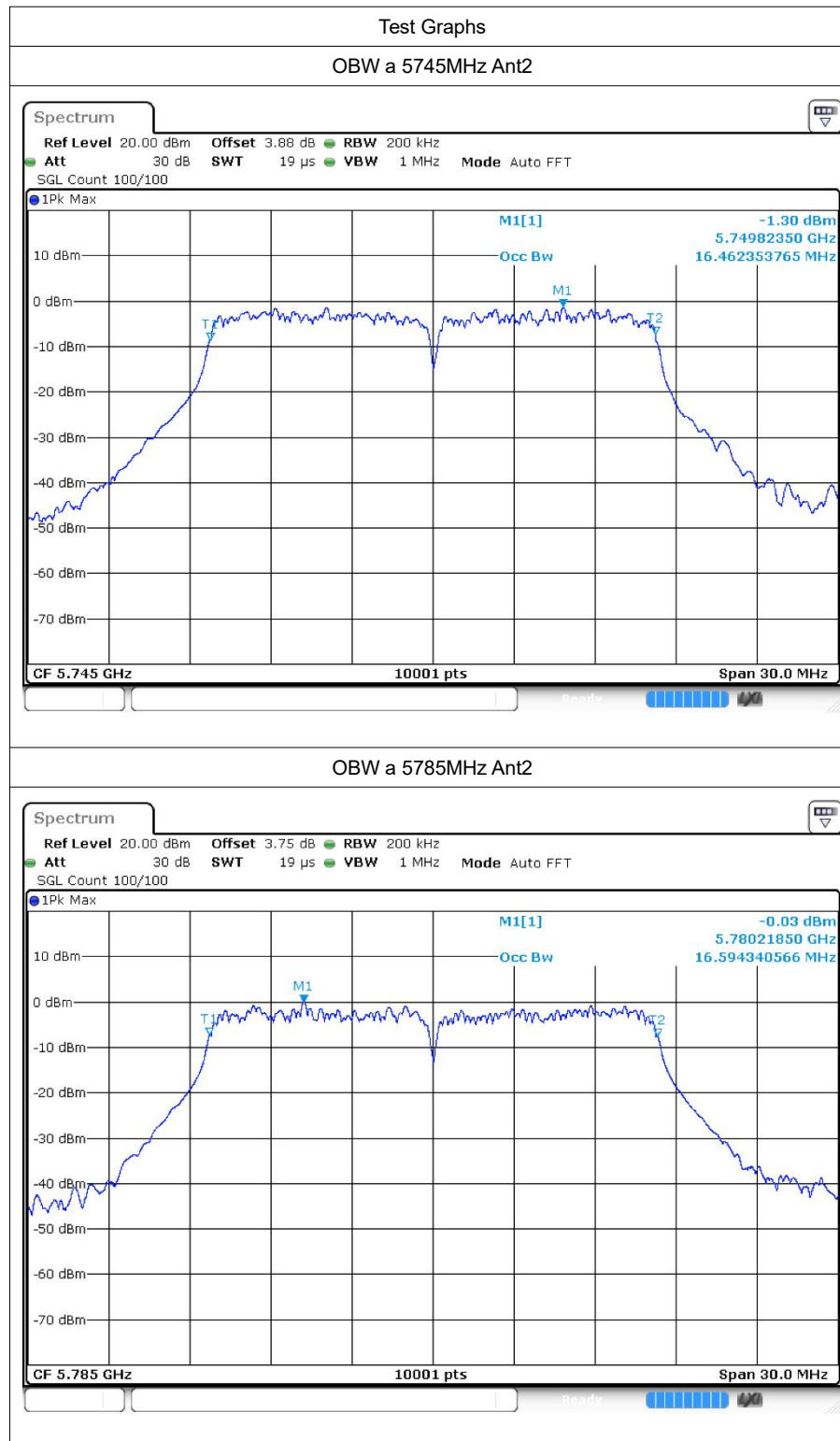


4 Occupied Channel Bandwidth

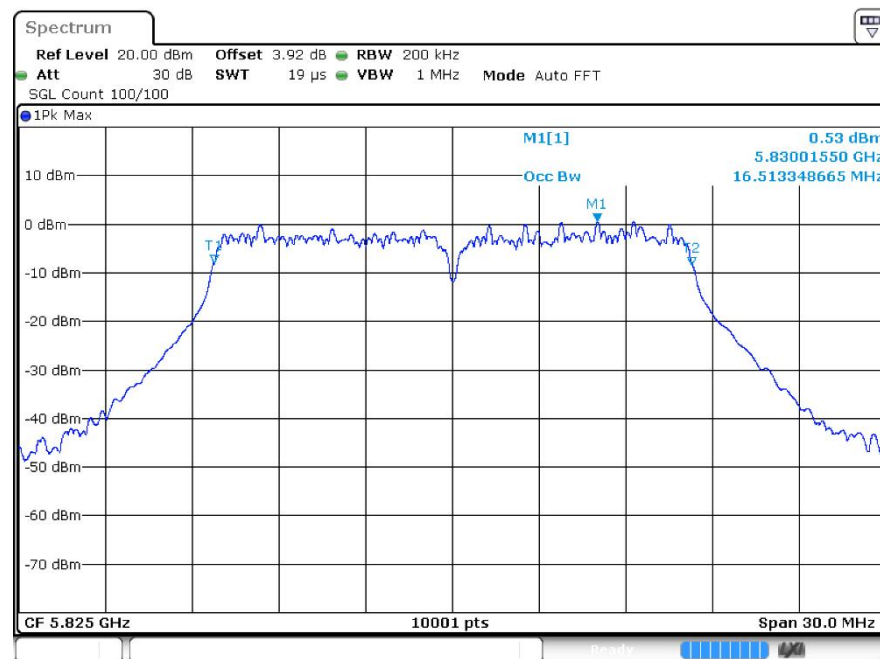
4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5745	Ant2	16.462
a	5785	Ant2	16.594
a	5825	Ant2	16.513
n20	5745	Ant2	17.626
n20	5785	Ant2	17.626
n20	5825	Ant2	17.626
n40	5755	Ant2	36.242
n40	5795	Ant2	36.038
ac20	5745	Ant2	17.602
ac20	5785	Ant2	17.656
ac20	5825	Ant2	17.662
ac40	5755	Ant2	36.506
ac40	5795	Ant2	36.086
ac80	5775	Ant2	75.4

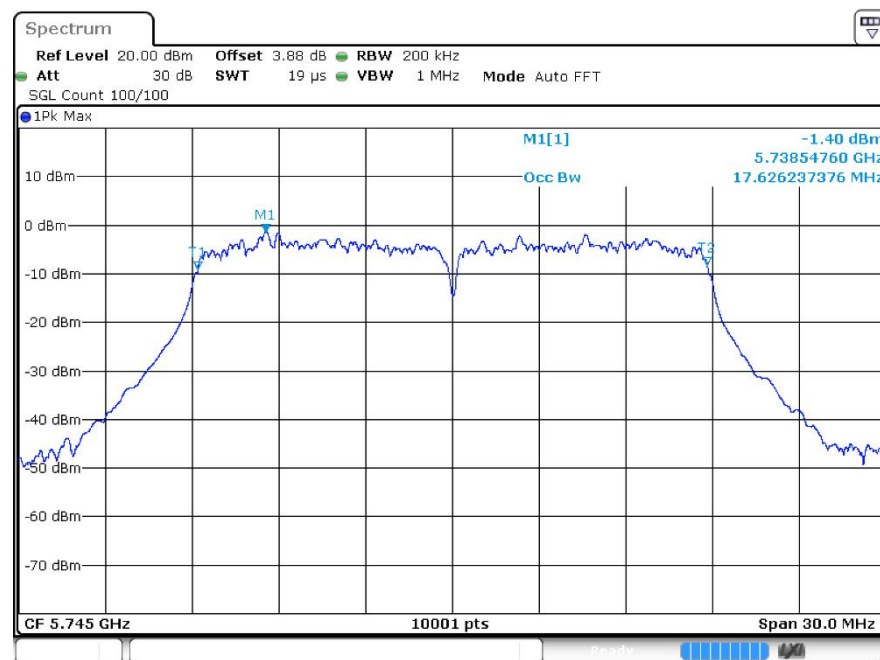
4.2 Test Graphs



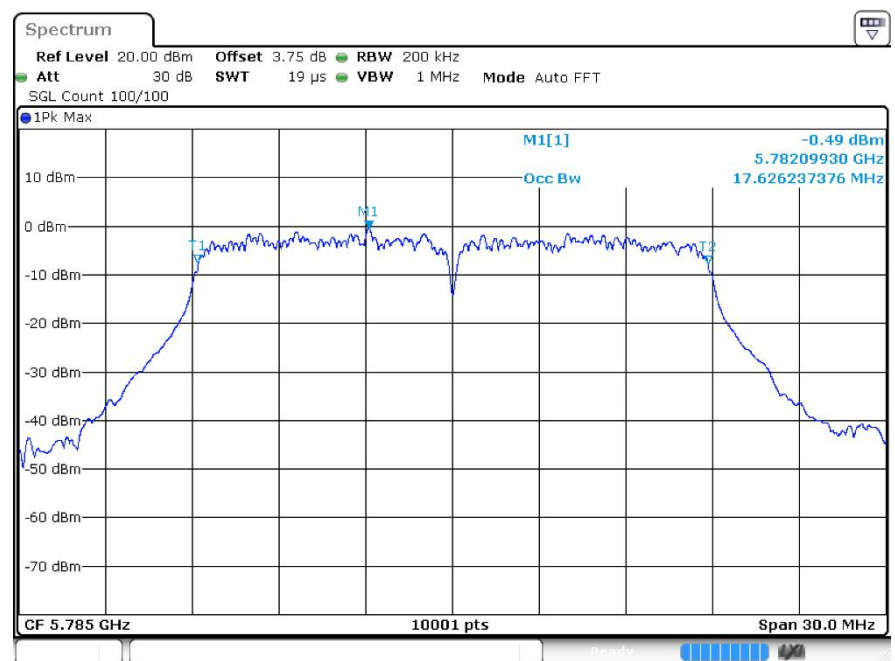
OBW a 5825MHz Ant2



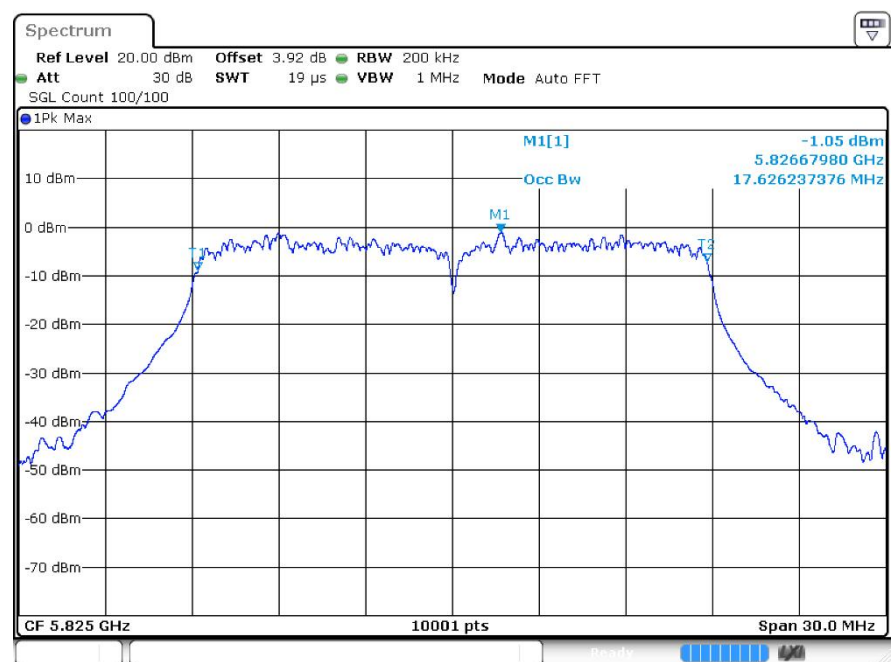
OBW n20 5745MHz Ant2



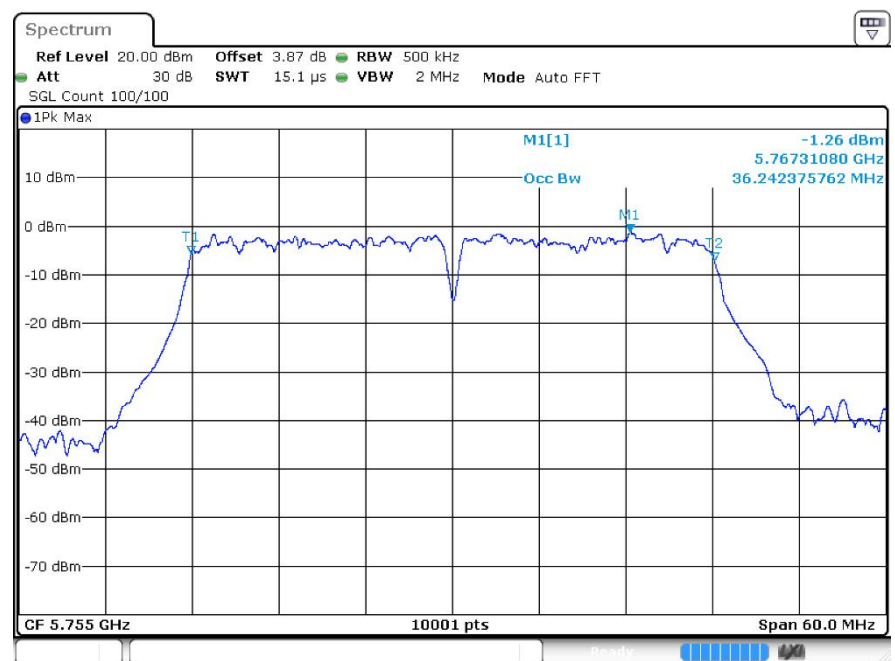
OBW n20 5785MHz Ant2



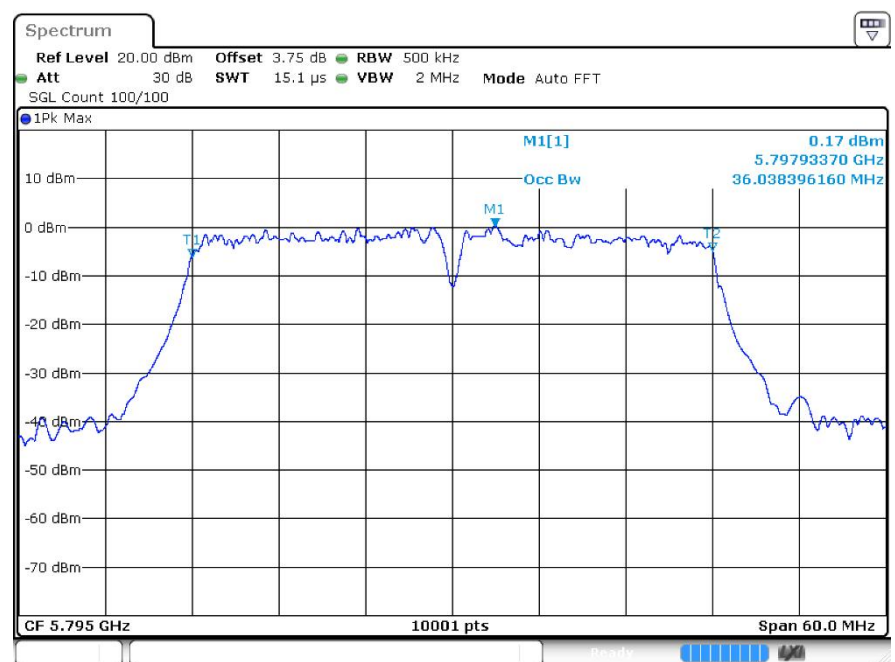
OBW n20 5825MHz Ant2



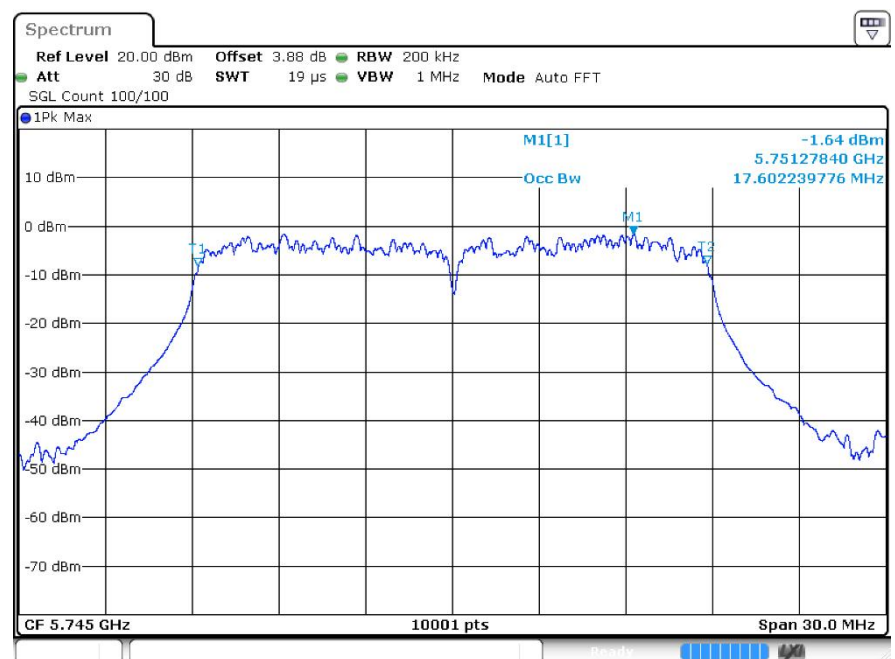
OBW n40 5755MHz Ant2



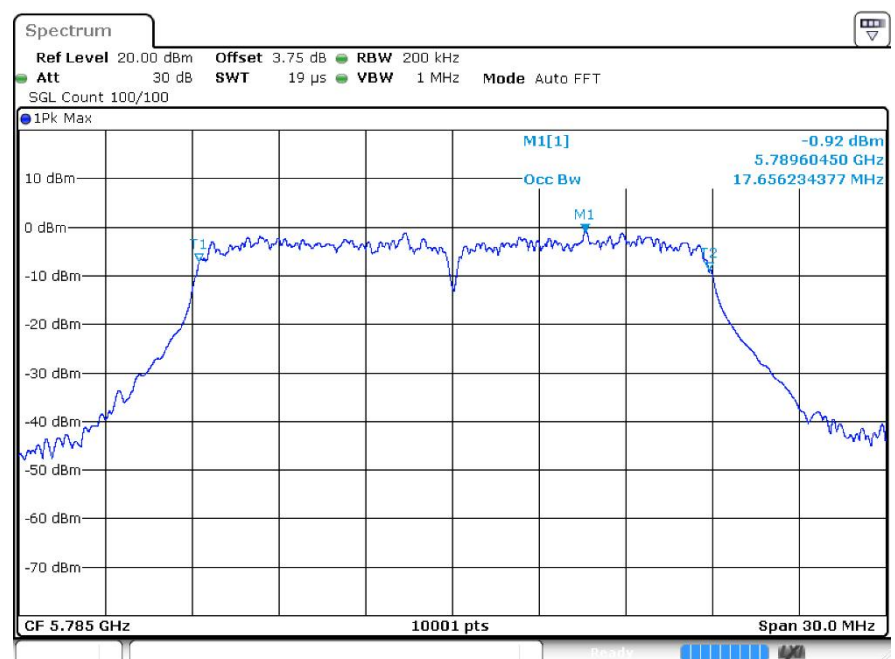
OBW n40 5795MHz Ant2



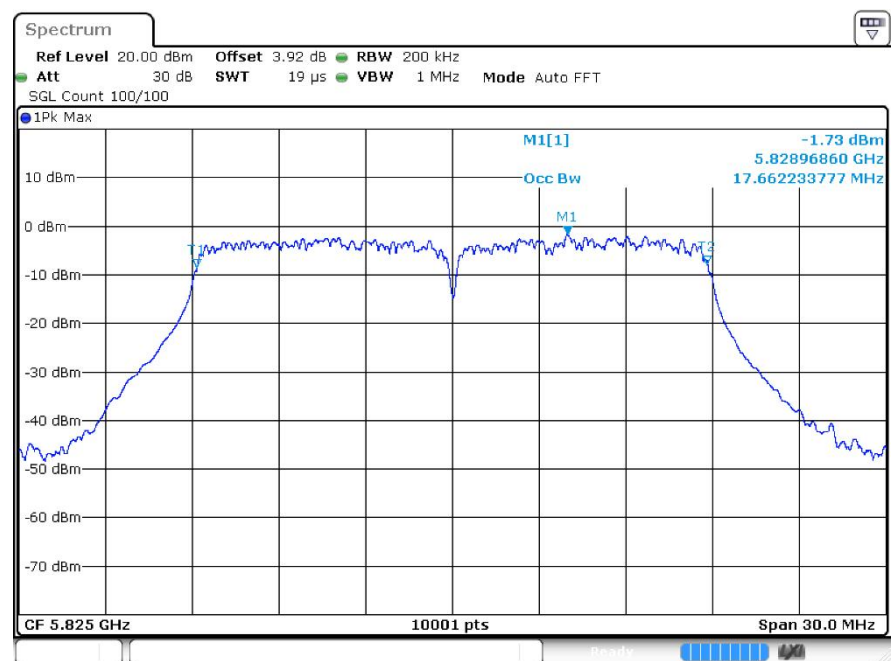
OBW ac20 5745MHz Ant2



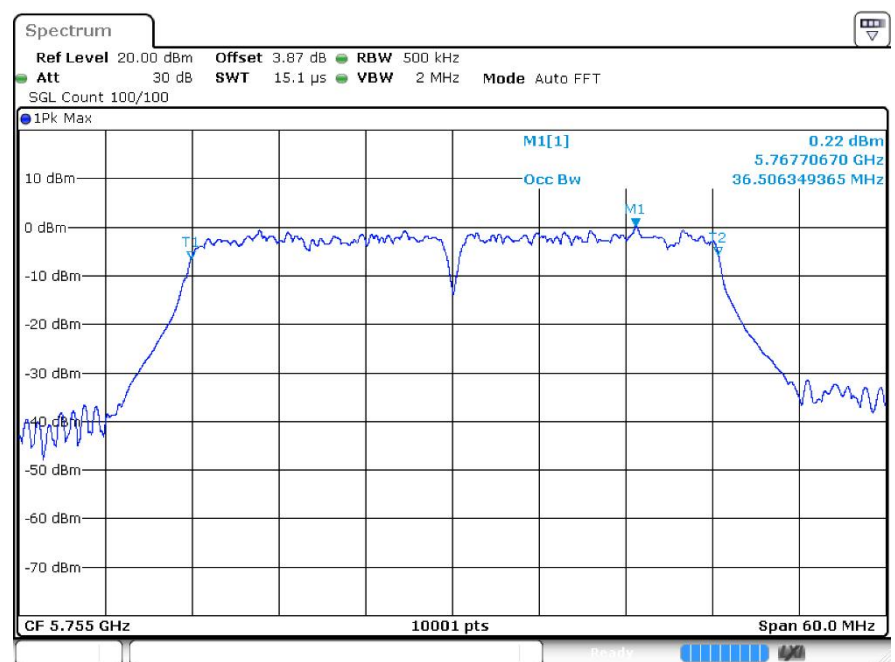
OBW ac20 5785MHz Ant2



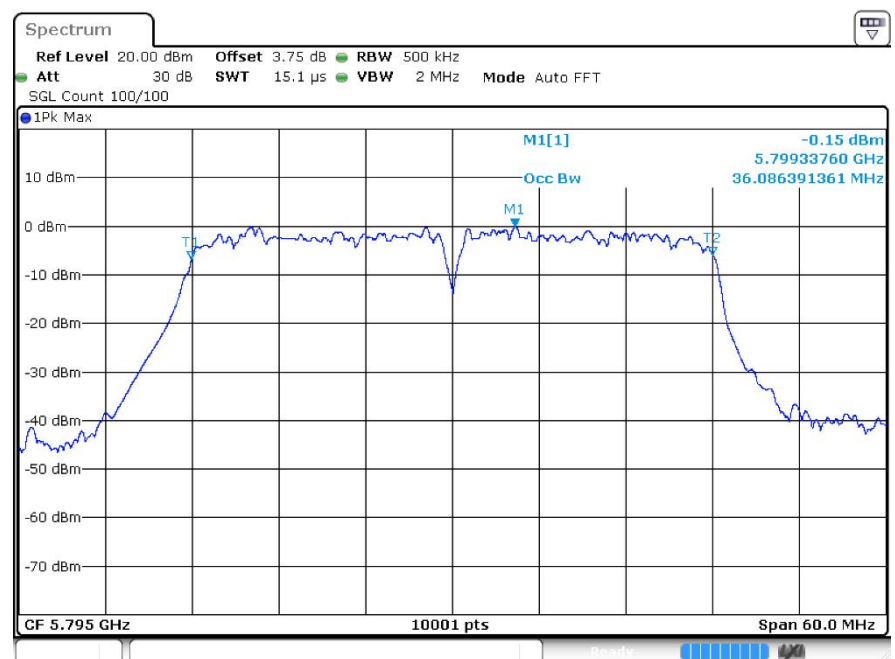
OBW ac20 5825MHz Ant2



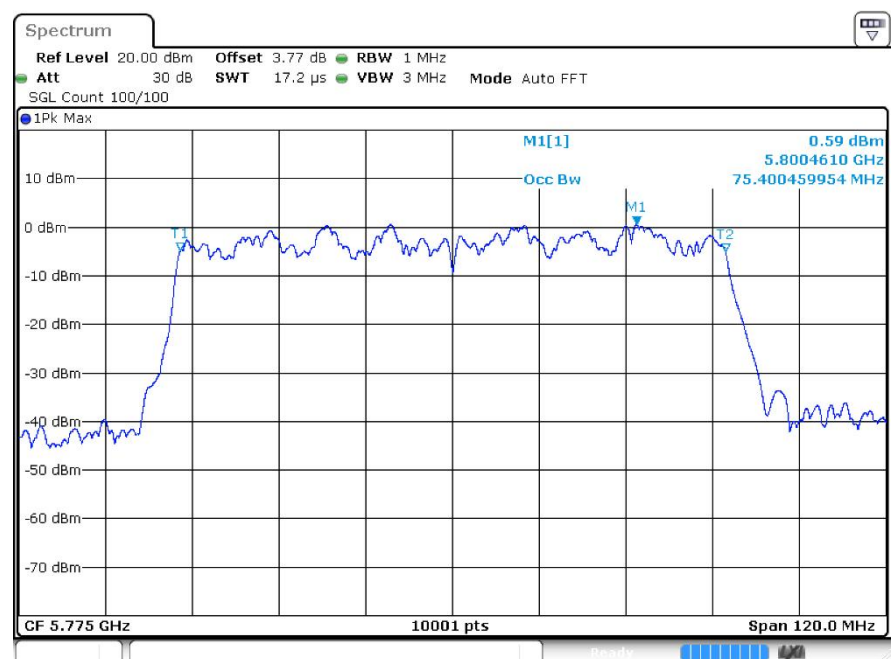
OBW ac40 5755MHz Ant2



OBW ac40 5795MHz Ant2



OBW ac80 5775MHz Ant2



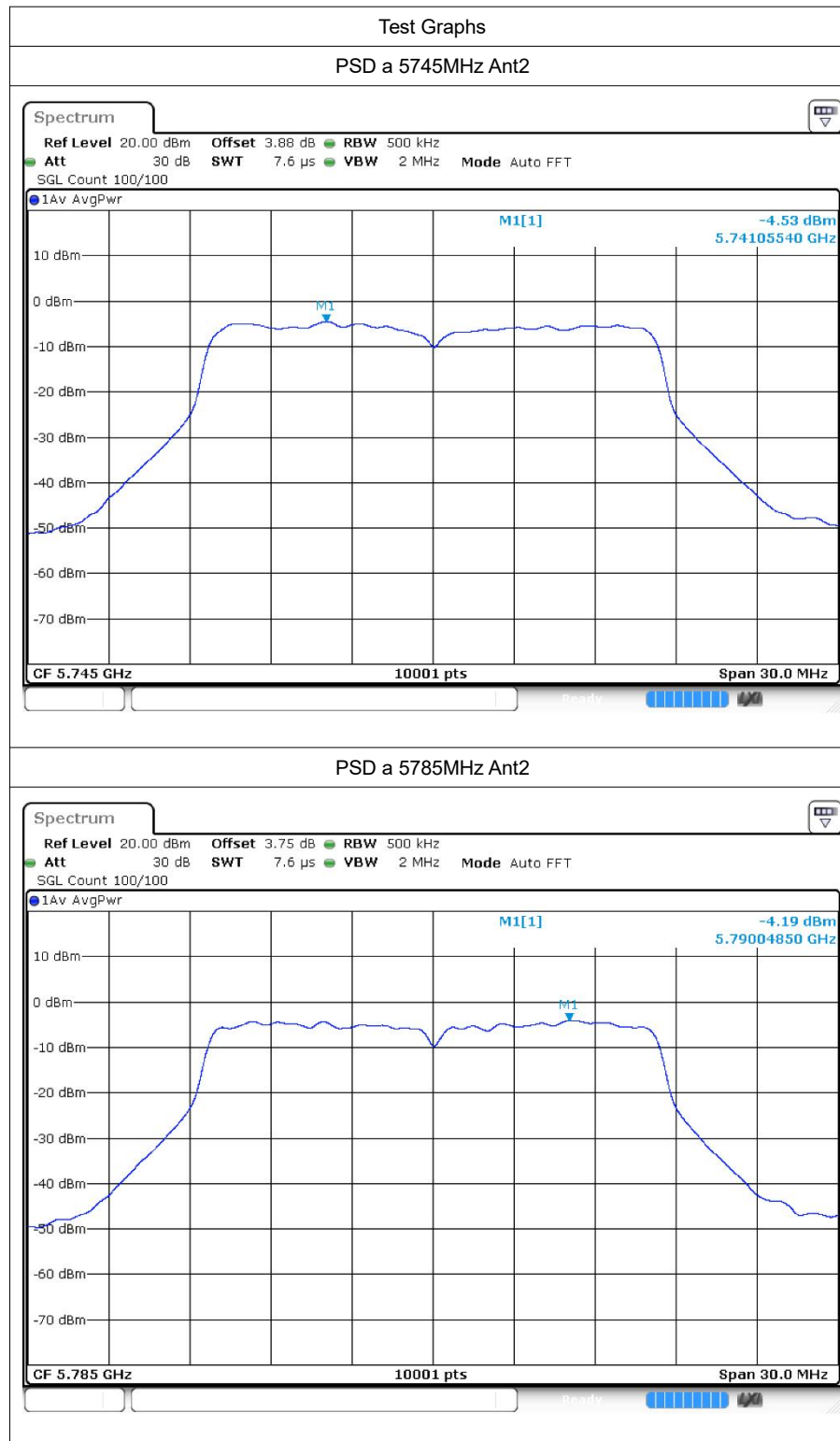


5 Maximum Power Spectral Density Level

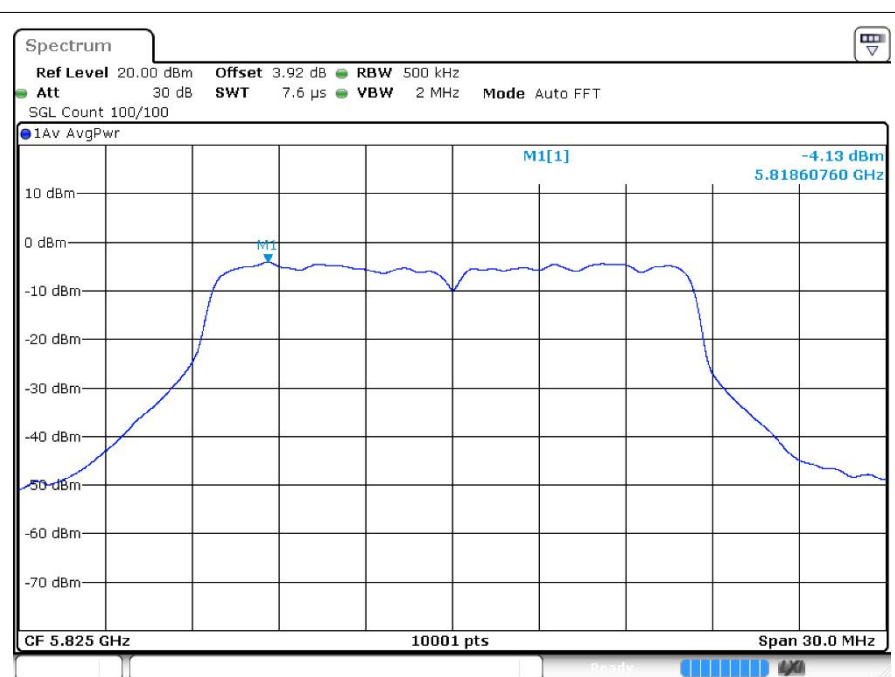
5.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5745	Ant2	-4.53	1.11	-3.42	30	Pass
a	5785	Ant2	-4.19	1.13	-3.06	30	Pass
a	5825	Ant2	-4.13	1.13	-3	30	Pass
n20	5745	Ant2	-5.09	1.21	-3.88	30	Pass
n20	5785	Ant2	-4.69	1.18	-3.51	30	Pass
n20	5825	Ant2	-4.65	1.18	-3.47	30	Pass
n40	5755	Ant2	-9.09	2.15	-6.94	30	Pass
n40	5795	Ant2	-8.62	2.13	-6.49	30	Pass
ac20	5745	Ant2	-5.64	1.18	-4.46	30	Pass
ac20	5785	Ant2	-4.96	1.18	-3.78	30	Pass
ac20	5825	Ant2	-5.31	1.18	-4.13	30	Pass
ac40	5755	Ant2	-8.69	2.2	-6.49	30	Pass
ac40	5795	Ant2	-8.29	2.19	-6.1	30	Pass
ac80	5775	Ant2	-12.17	3.7	-8.47	30	Pass

5.2 Test Graphs



PSD a 5825MHz Ant2



PSD n20 5745MHz Ant2

