



Appendix G

RF Test Data for 5GHz WIFI_B4(Conducted Measurement)

Product Name:Tablet PC

Trade Mark:Blackview

Test Model:Tab 50 WiFi

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



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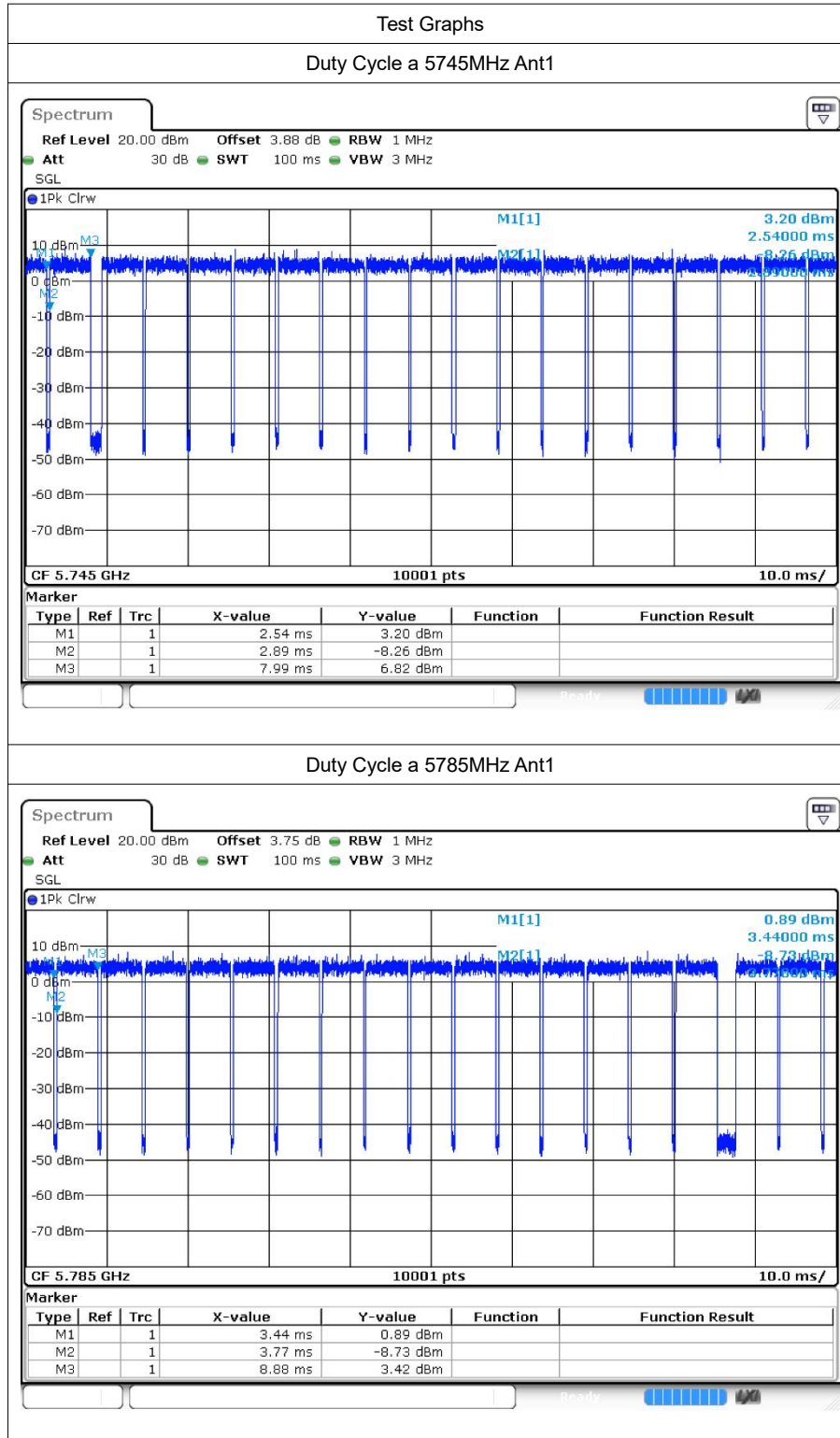
1 Duty Cycle

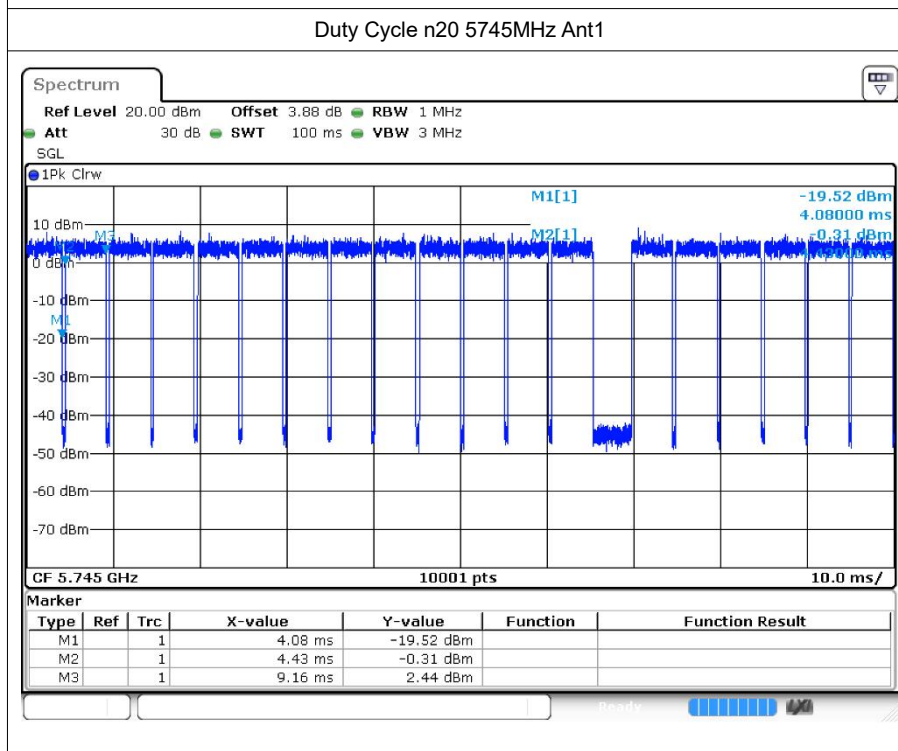
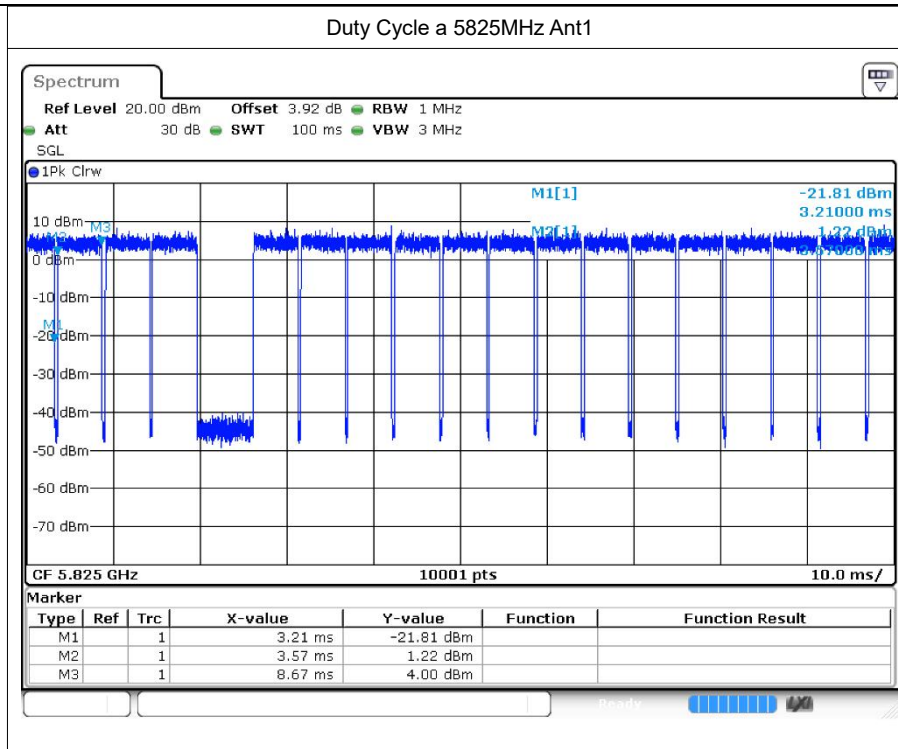
1.1 Test Result

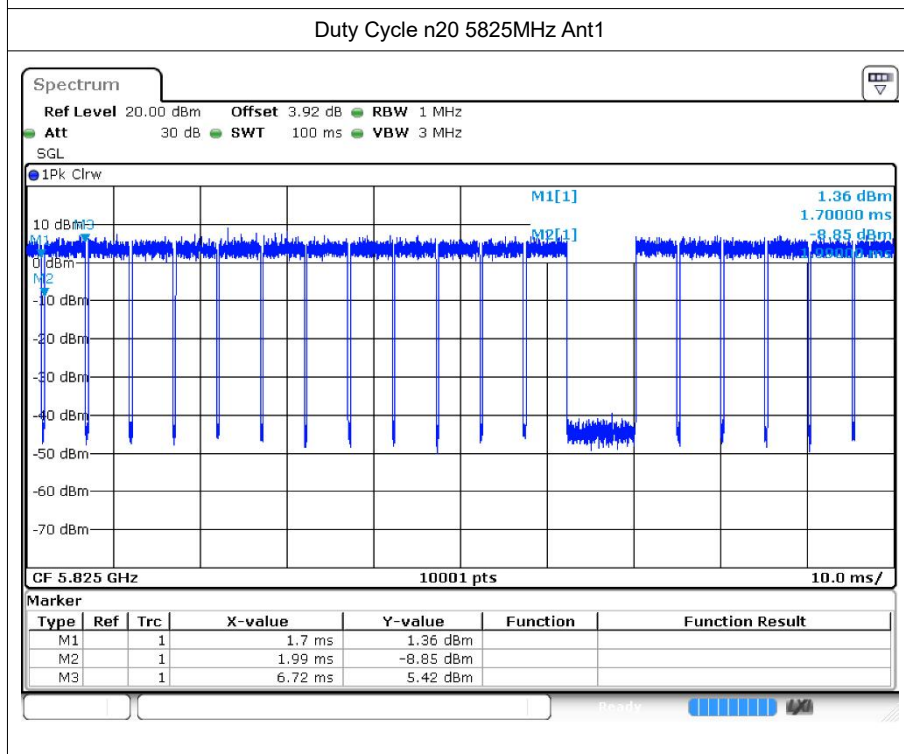
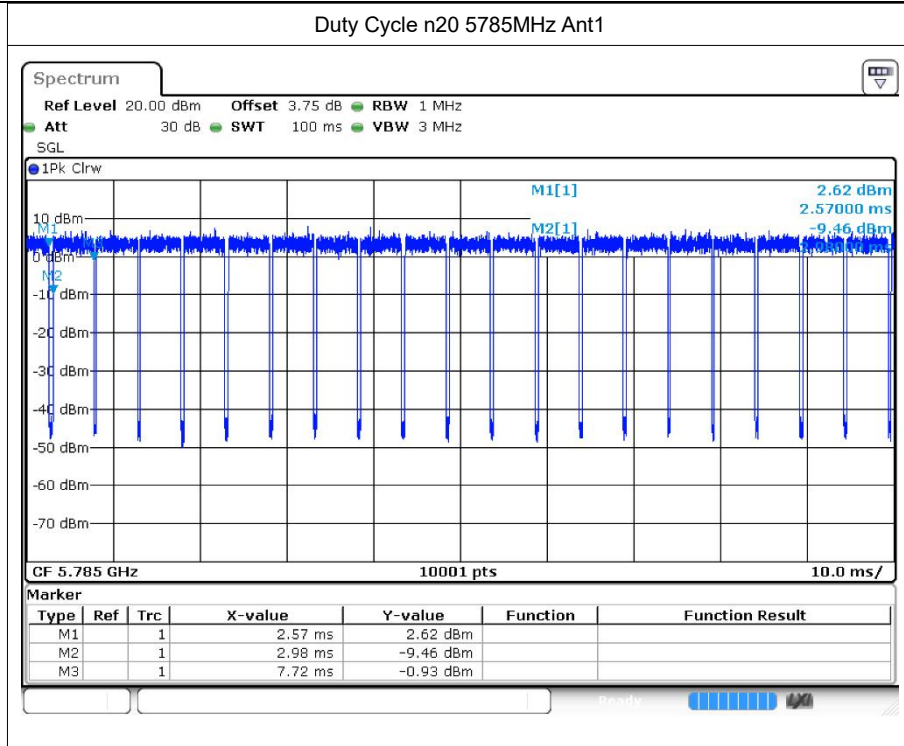
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5745	Ant1	92.9	0.32	0.2
a	5785	Ant1	91.89	0.37	0.2
a	5825	Ant1	88.02	0.55	0.2
n20	5745	Ant1	89.43	0.49	0.21
n20	5785	Ant1	93.05	0.31	0.21
n20	5825	Ant1	86.83	0.61	0.21
n40	5755	Ant1	93.42	0.3	0.22
n40	5795	Ant1	88.83	0.51	0.33
ac20	5745	Ant1	89.69	0.47	0.21
ac20	5785	Ant1	83.32	0.79	0.62
ac20	5825	Ant1	92.61	0.33	0.21
ac40	5755	Ant1	86.82	0.61	0.22
ac40	5795	Ant1	78.66	1.04	0.33
ac80	5775	Ant1	87.63	0.57	0.19
ax20	5745	Ant1	86.59	0.63	0.28
ax20	5785	Ant1	87.38	0.59	0.28
ax20	5825	Ant1	93.75	0.28	0.21
ax40	5755	Ant1	94.39	0.25	0.19
ax40	5795	Ant1	90.23	0.45	0.19
ax80	5775	Ant1	87.76	0.57	0.22

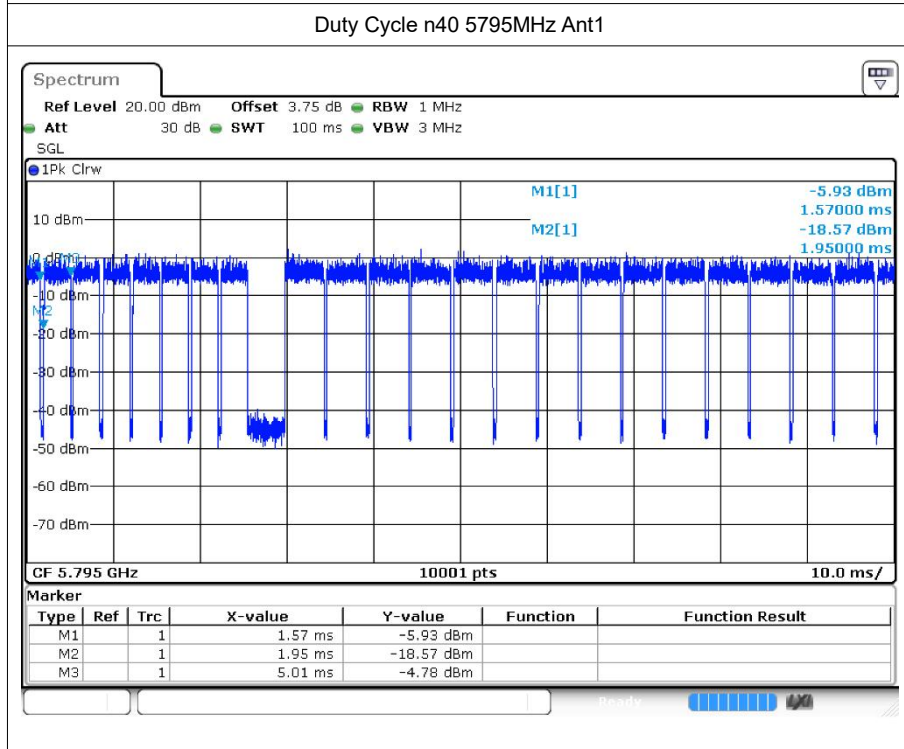
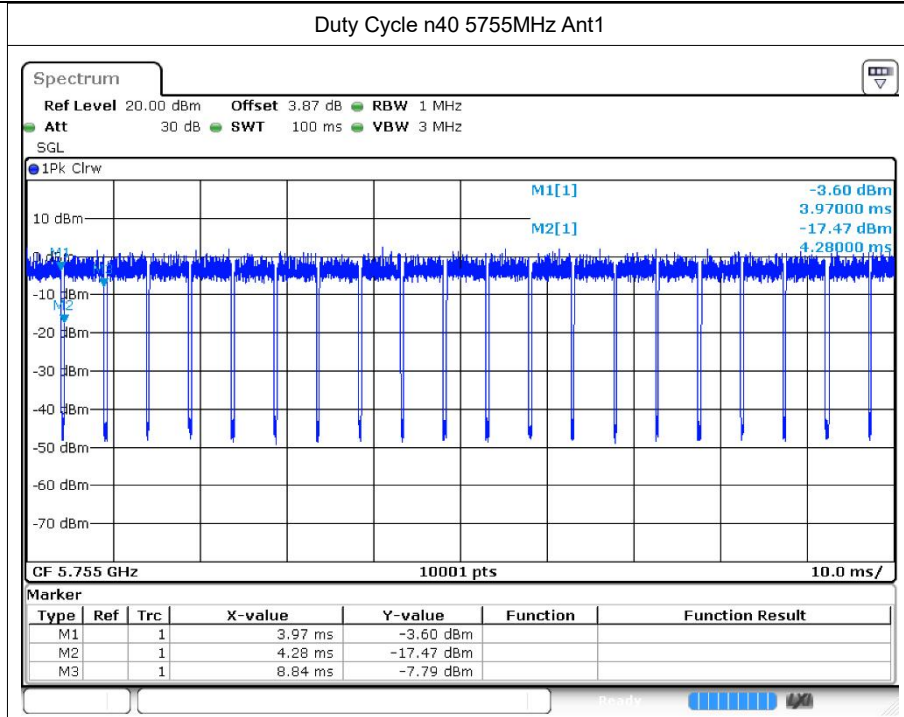


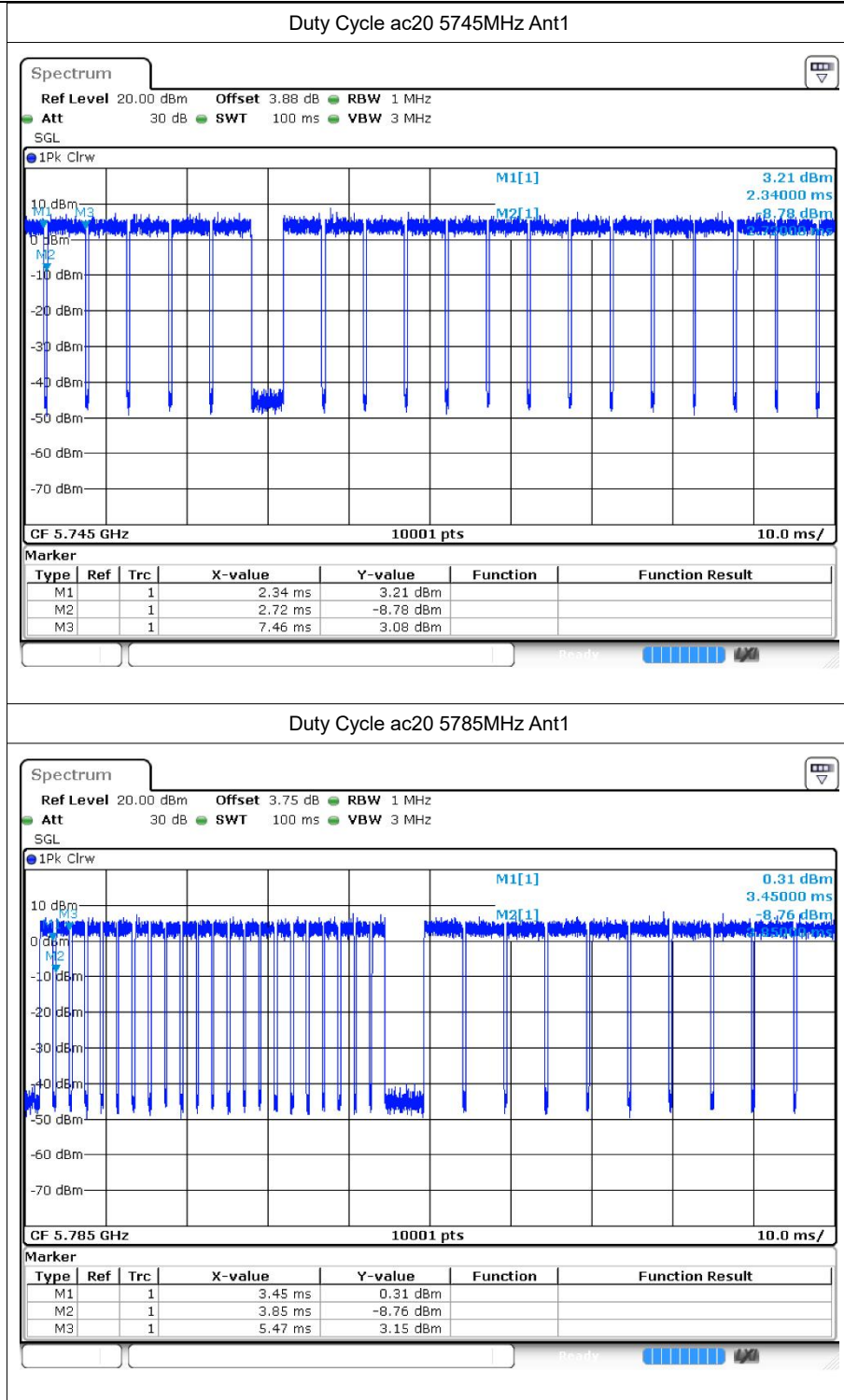
1.2 Test Graphs





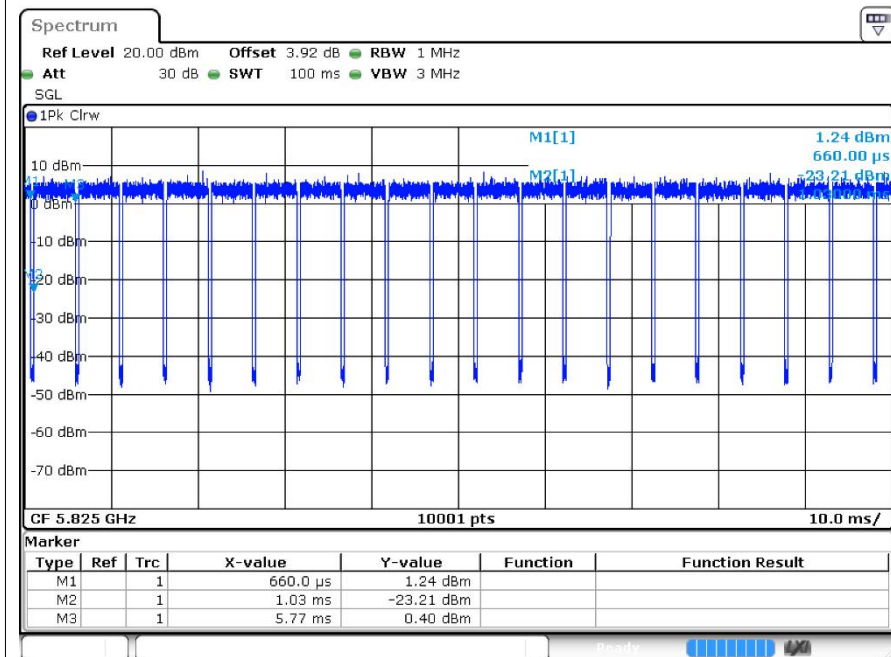




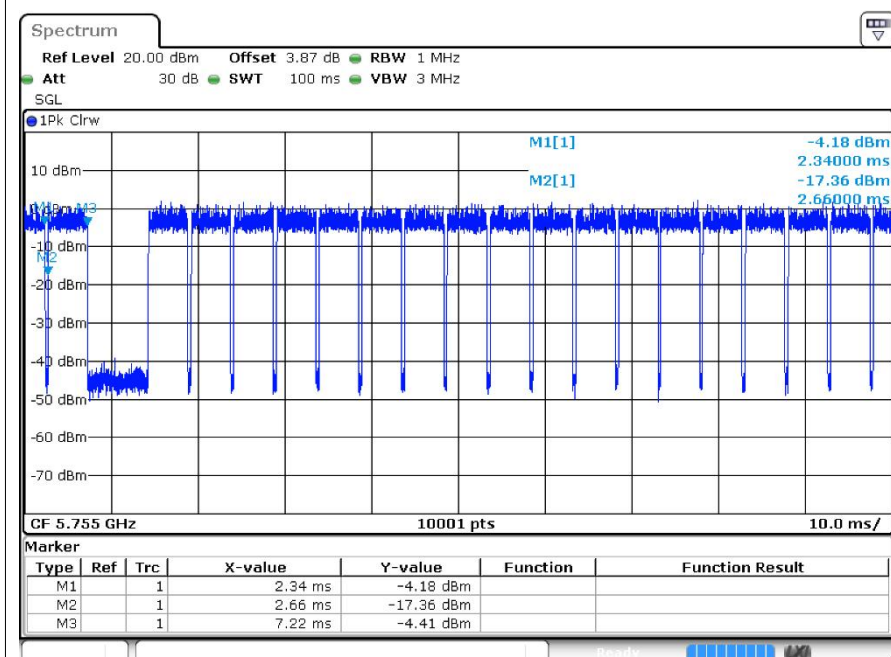


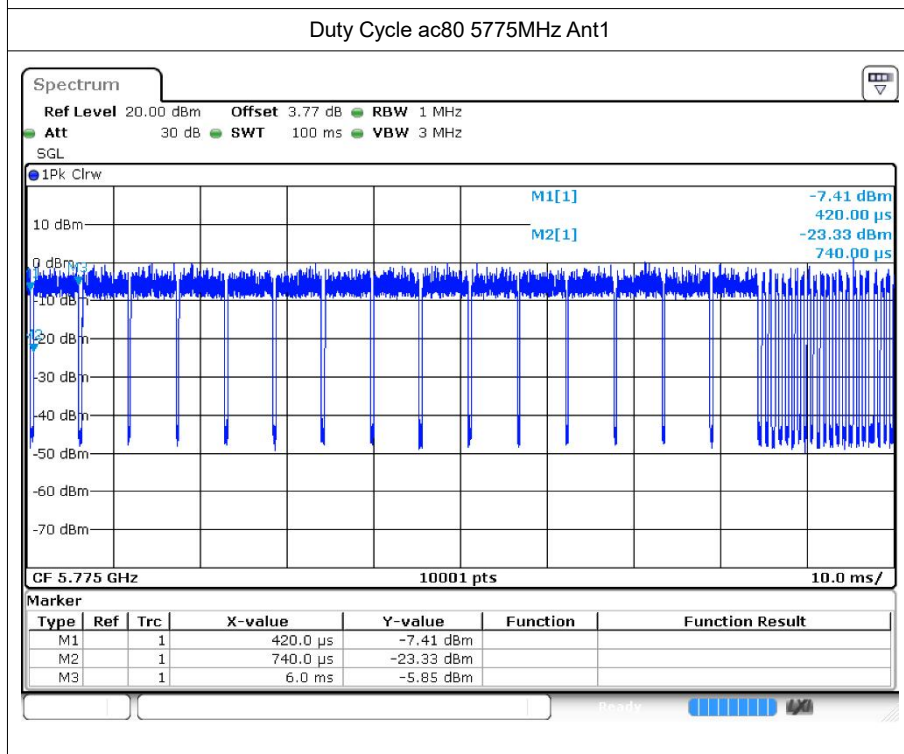
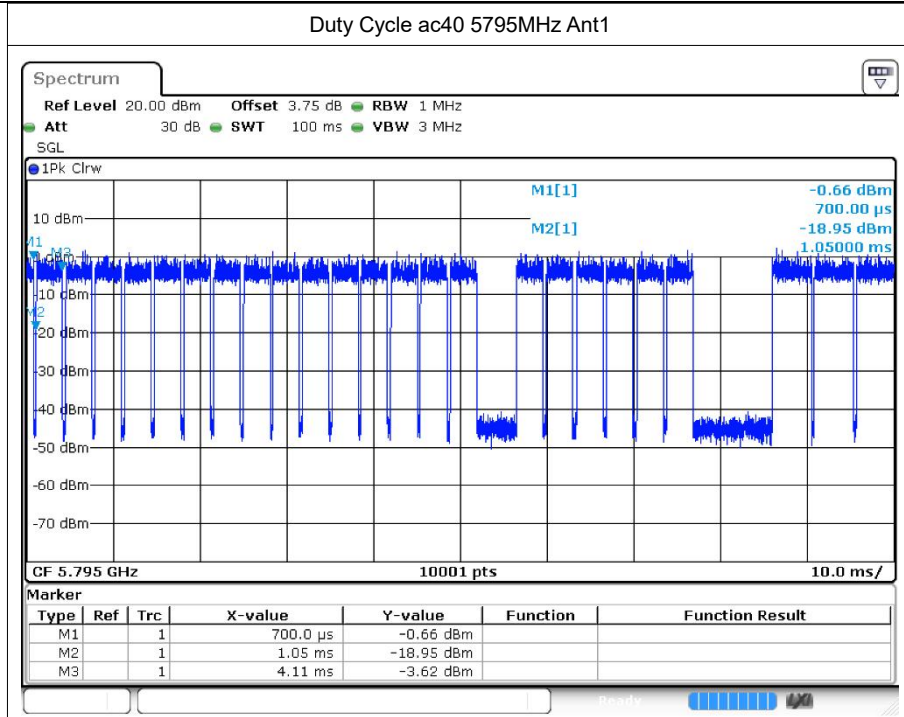


Duty Cycle ac20 5825MHz Ant1



Duty Cycle ac40 5755MHz Ant1





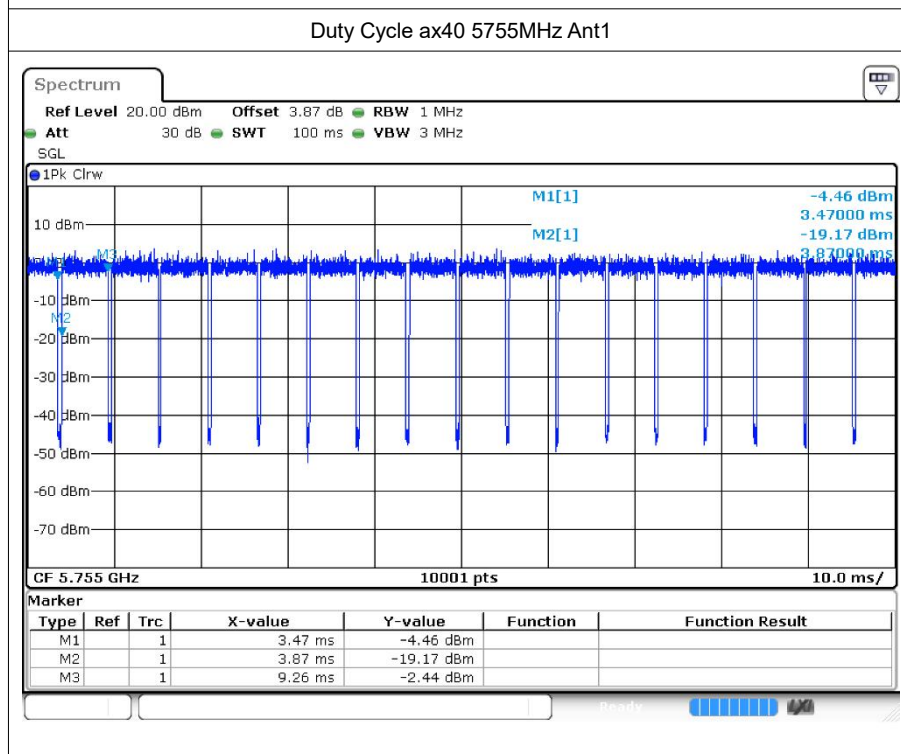
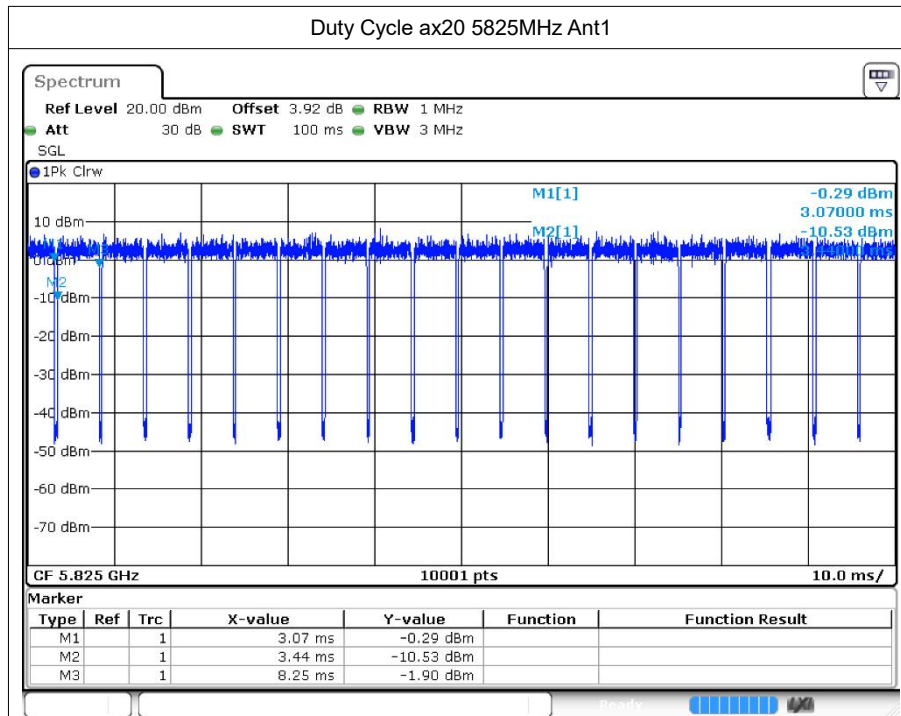


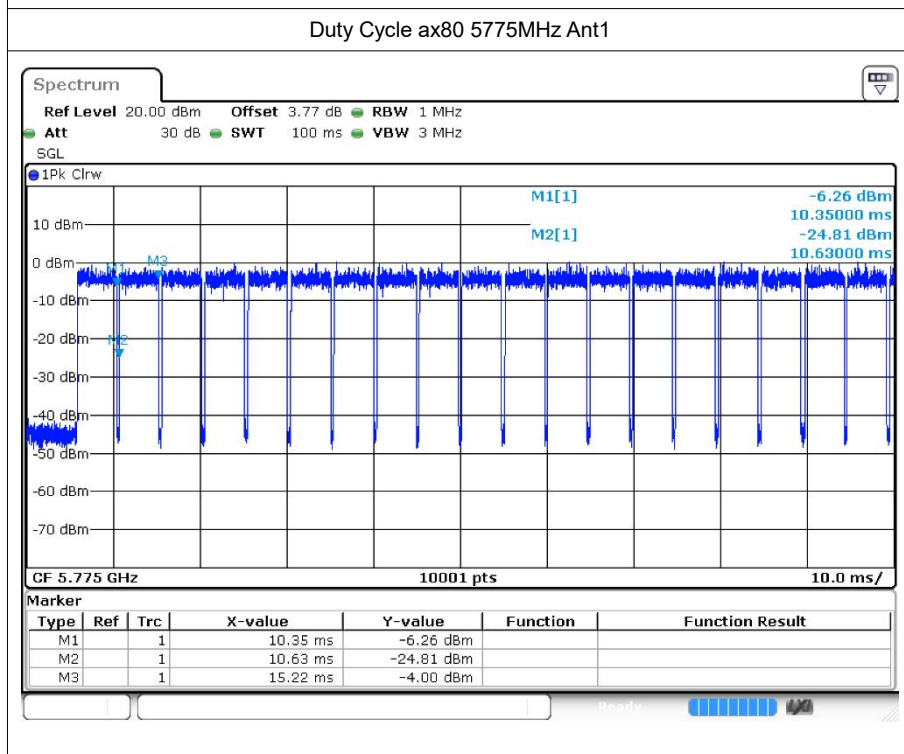
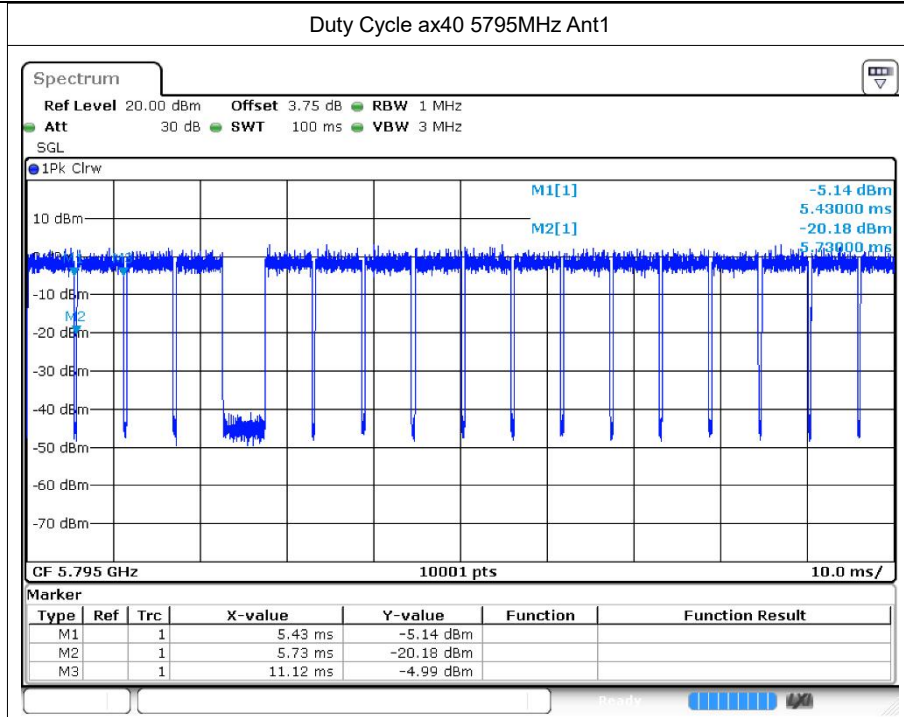
Duty Cycle ax20 5745MHz Ant1



Duty Cycle ax20 5785MHz Ant1







2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	15.29	30	Pass
a	5785	Ant1	14.7	30	Pass
a	5825	Ant1	15.01	30	Pass
n20	5745	Ant1	14.8	30	Pass
n20	5785	Ant1	14.29	30	Pass
n20	5825	Ant1	14.75	30	Pass
n40	5755	Ant1	14.36	30	Pass
n40	5795	Ant1	13.74	30	Pass
ac20	5745	Ant1	14.86	30	Pass
ac20	5785	Ant1	14.38	30	Pass
ac20	5825	Ant1	14.68	30	Pass
ac40	5755	Ant1	14.3	30	Pass
ac40	5795	Ant1	13.68	30	Pass
ac80	5775	Ant1	14.49	30	Pass
ax20	5745	Ant1	14.43	30	Pass
ax20	5785	Ant1	13.85	30	Pass
ax20	5825	Ant1	14.77	30	Pass
ax40	5755	Ant1	14.51	30	Pass
ax40	5795	Ant1	13.95	30	Pass
ax80	5775	Ant1	14.47	30	Pass

Note: The duty factor has been compensated into the result.



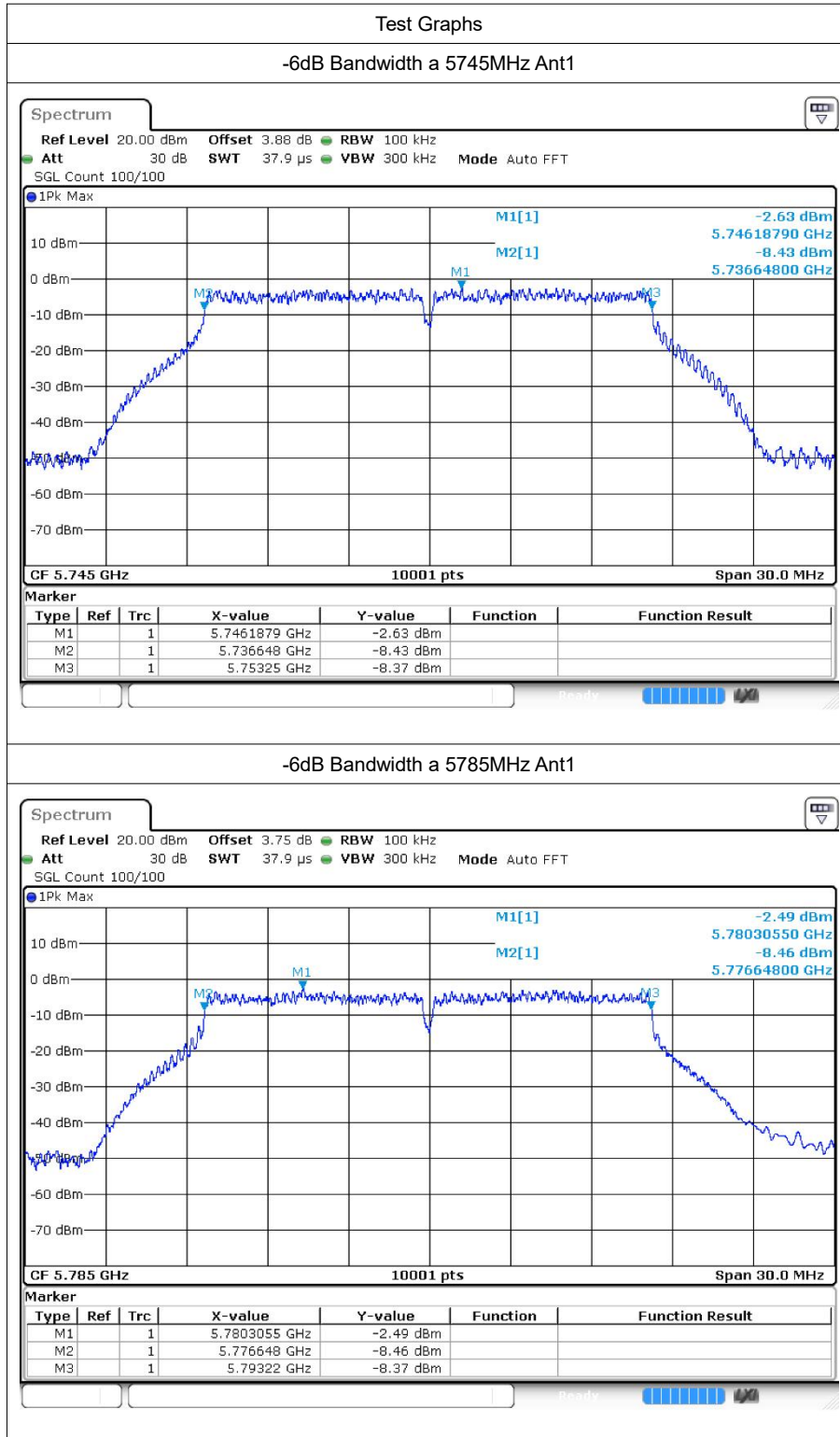
3 -6dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant1	16.602	0.5	Pass
a	5785	Ant1	16.572	0.5	Pass
a	5825	Ant1	16.35	0.5	Pass
n20	5745	Ant1	17.82	0.5	Pass
n20	5785	Ant1	17.601	0.5	Pass
n20	5825	Ant1	17.799	0.5	Pass
n40	5755	Ant1	36.552	0.5	Pass
n40	5795	Ant1	36.324	0.5	Pass
ac20	5745	Ant1	17.835	0.5	Pass
ac20	5785	Ant1	17.802	0.5	Pass
ac20	5825	Ant1	17.598	0.5	Pass
ac40	5755	Ant1	36.516	0.5	Pass
ac40	5795	Ant1	36.456	0.5	Pass
ac80	5775	Ant1	76.308	0.5	Pass
ax20	5745	Ant1	19.083	0.5	Pass
ax20	5785	Ant1	19.038	0.5	Pass
ax20	5825	Ant1	19.122	0.5	Pass
ax40	5755	Ant1	38.1	0.5	Pass
ax40	5795	Ant1	38.226	0.5	Pass
ax80	5775	Ant1	77.988	0.5	Pass

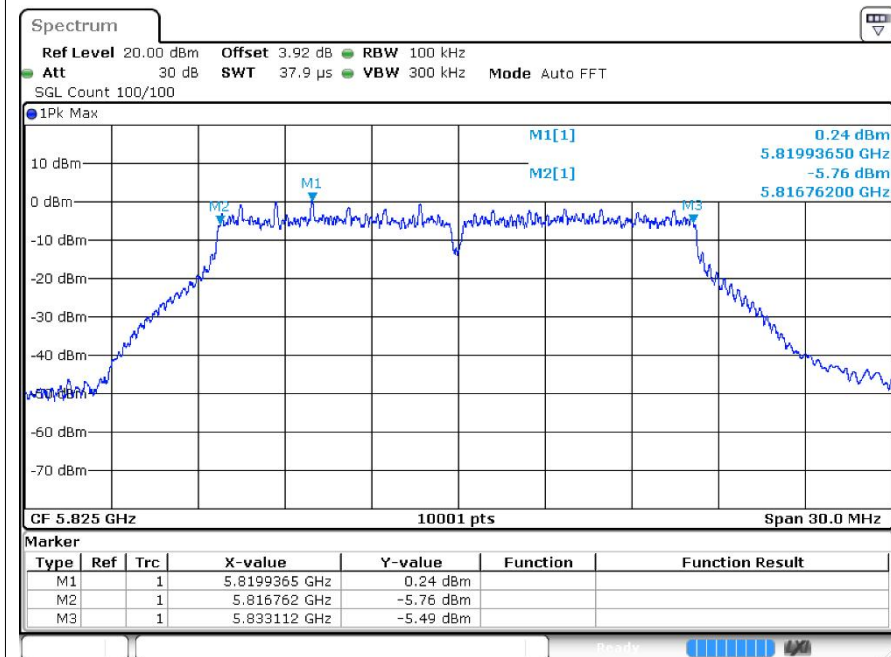


3.2 Test Graphs

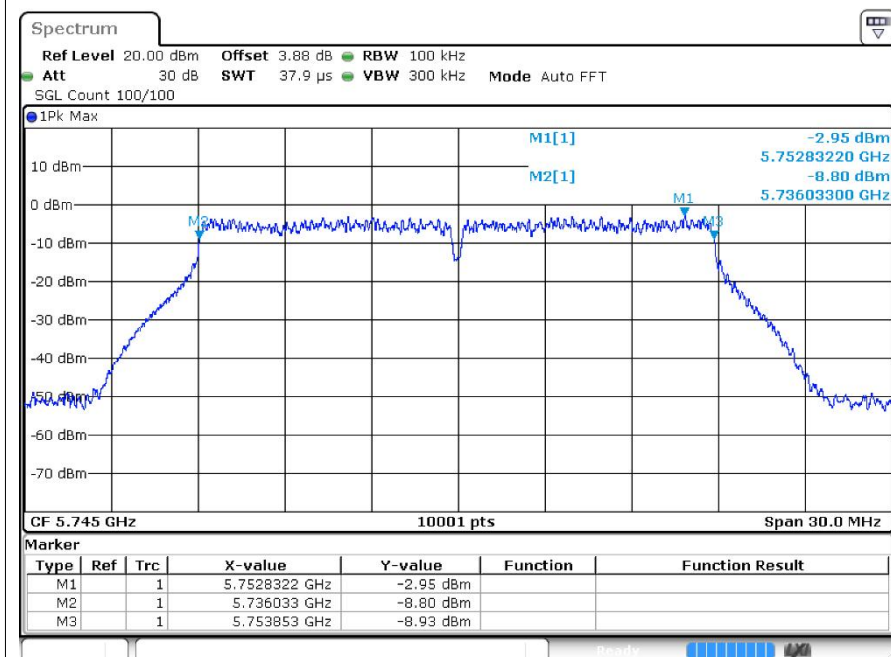




-6dB Bandwidth a 5825MHz Ant1

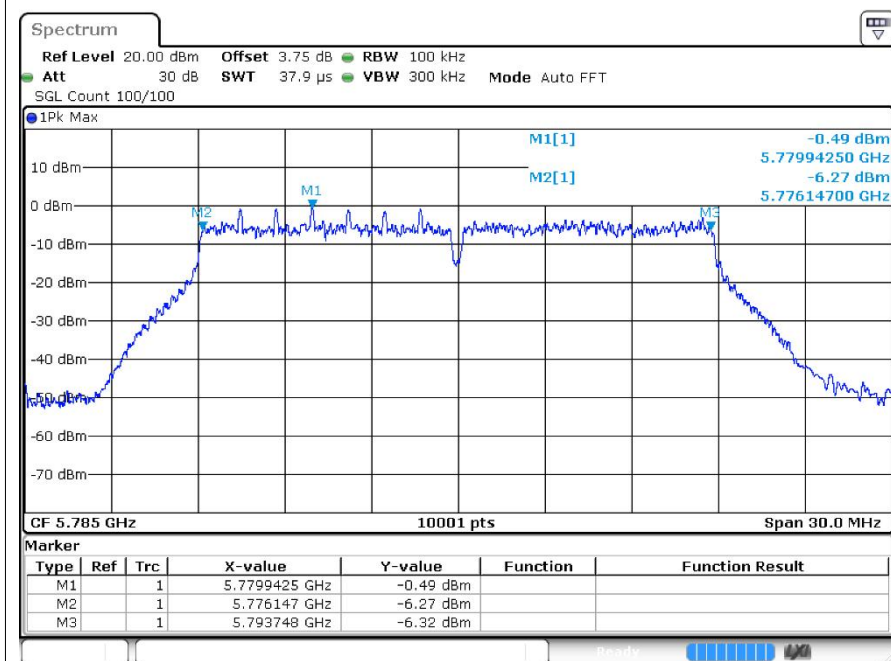


-6dB Bandwidth n20 5745MHz Ant1

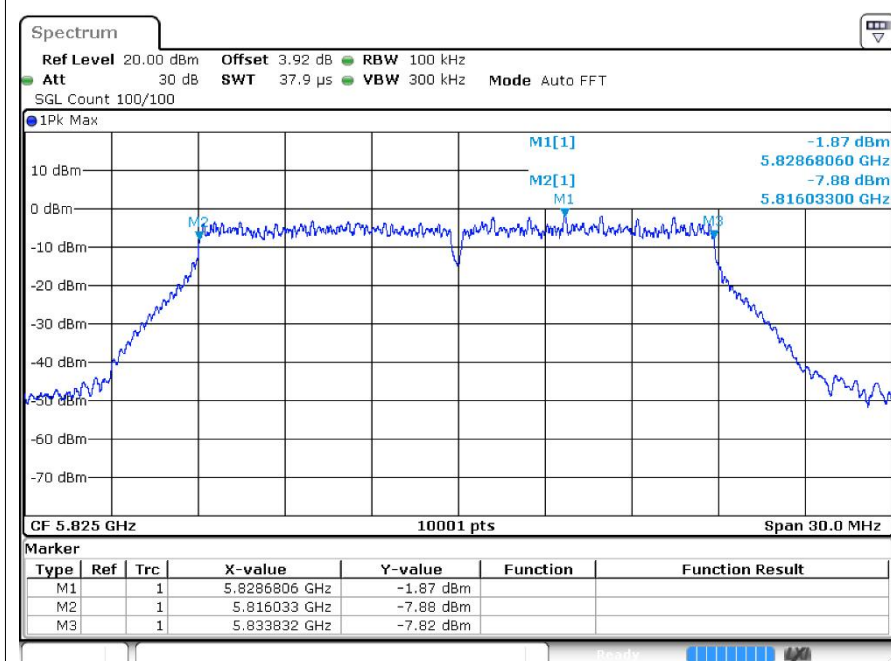




-6dB Bandwidth n20 5785MHz Ant1

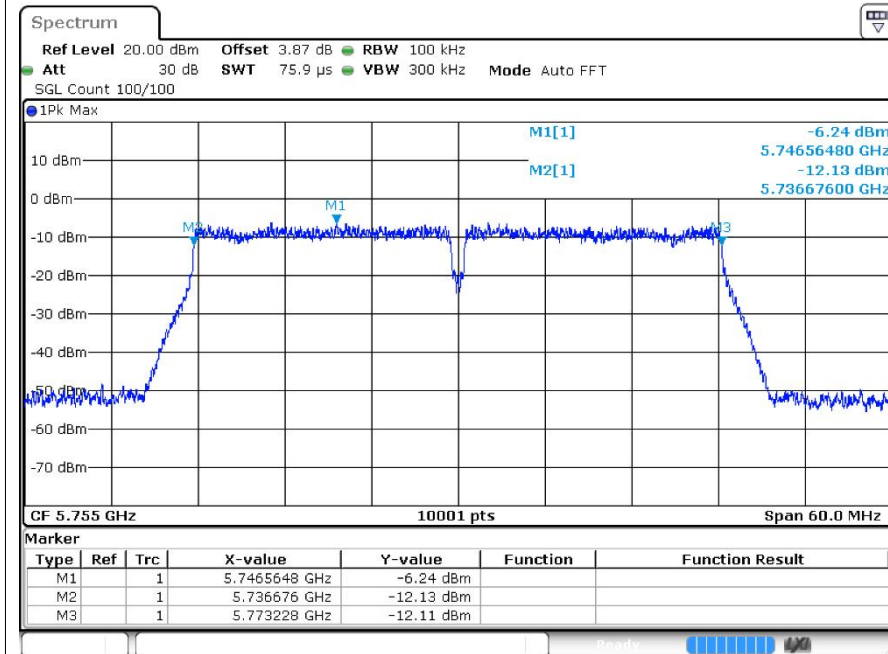


-6dB Bandwidth n20 5825MHz Ant1

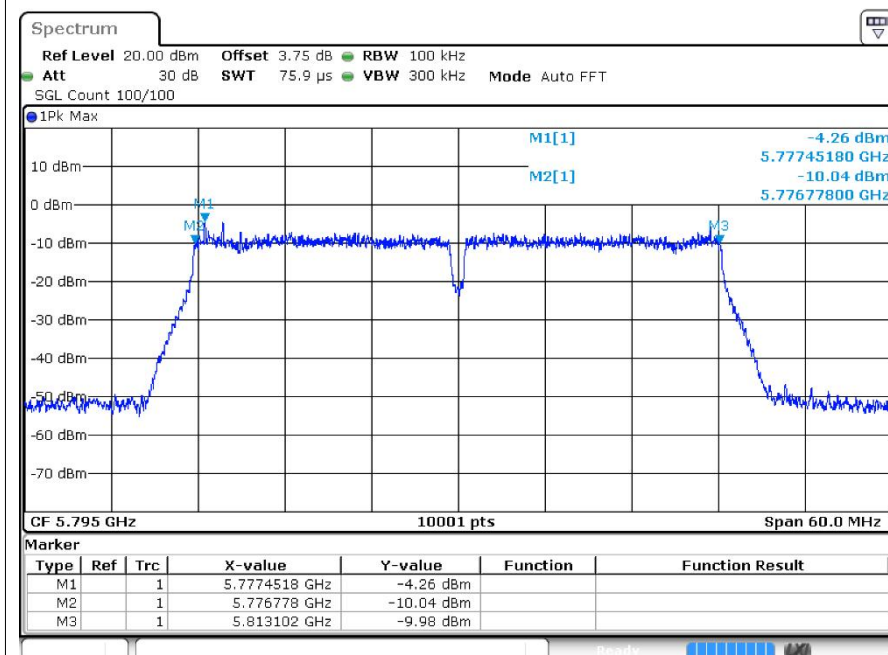




-6dB Bandwidth n40 5755MHz Ant1

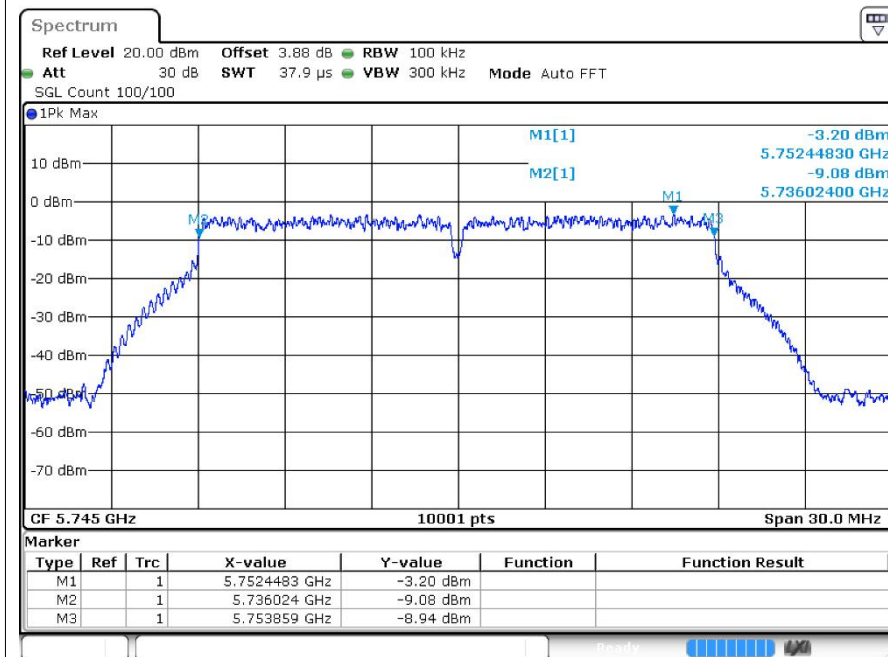


-6dB Bandwidth n40 5795MHz Ant1

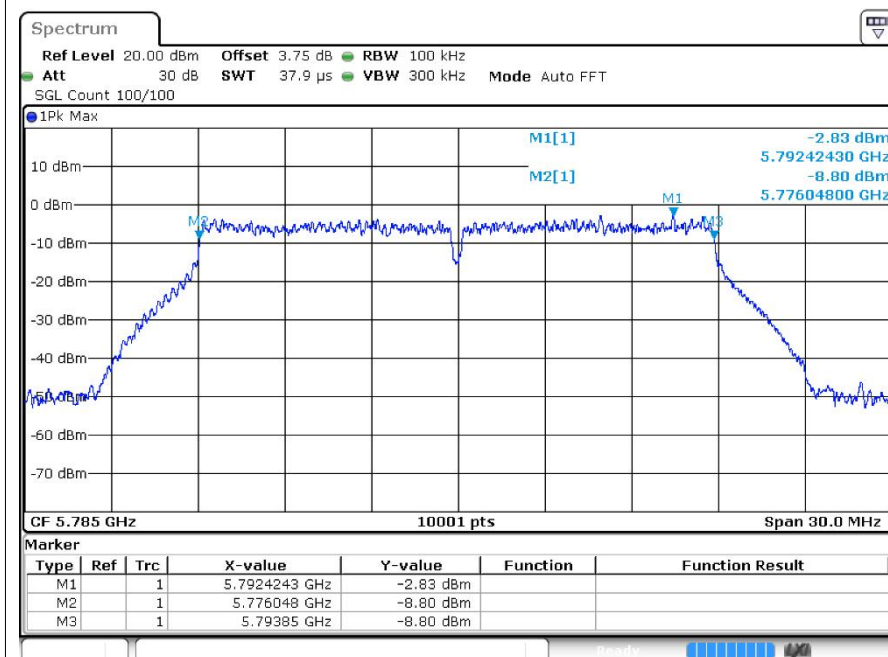




-6dB Bandwidth ac20 5745MHz Ant1

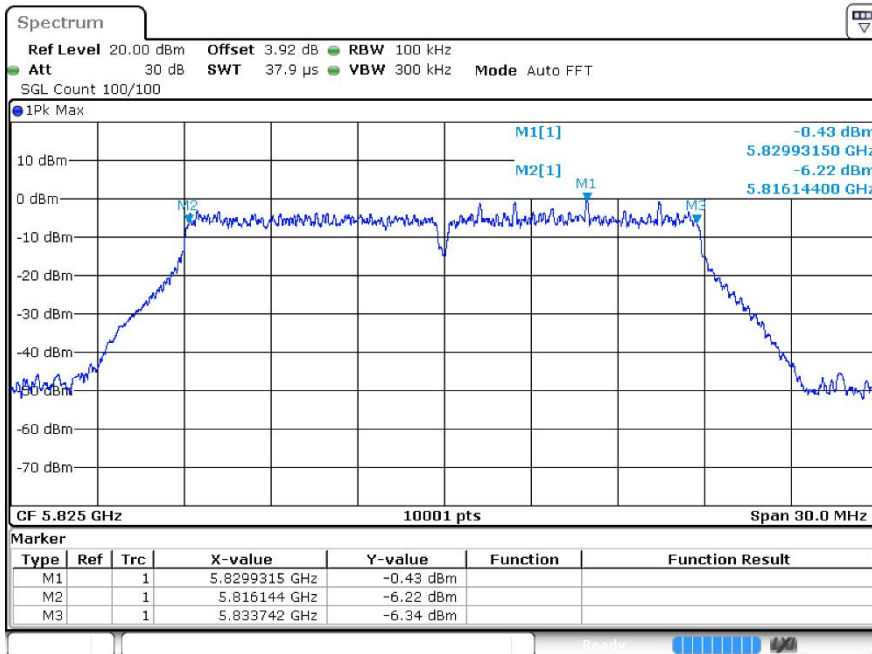


-6dB Bandwidth ac20 5785MHz Ant1

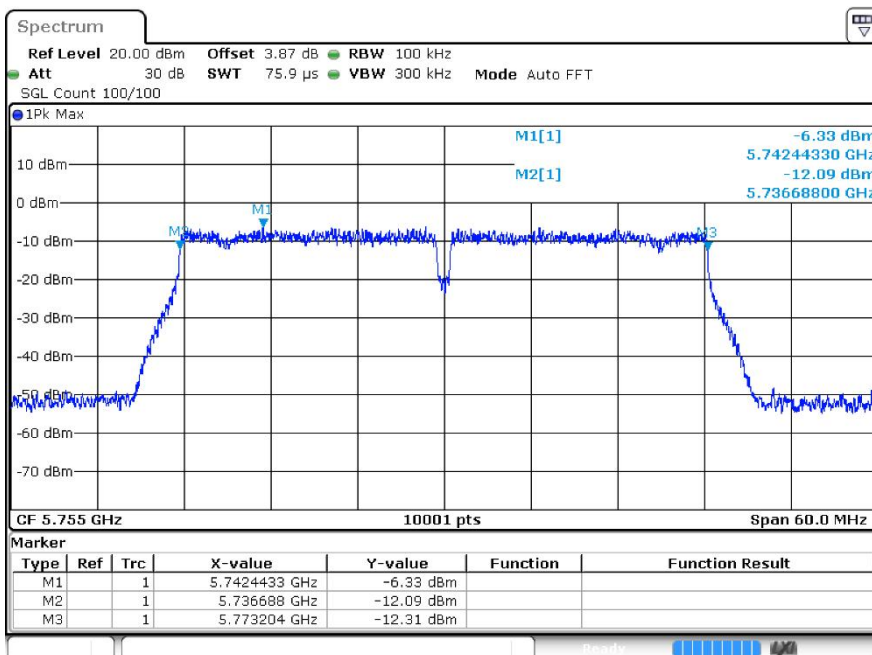




-6dB Bandwidth ac20 5825MHz Ant1

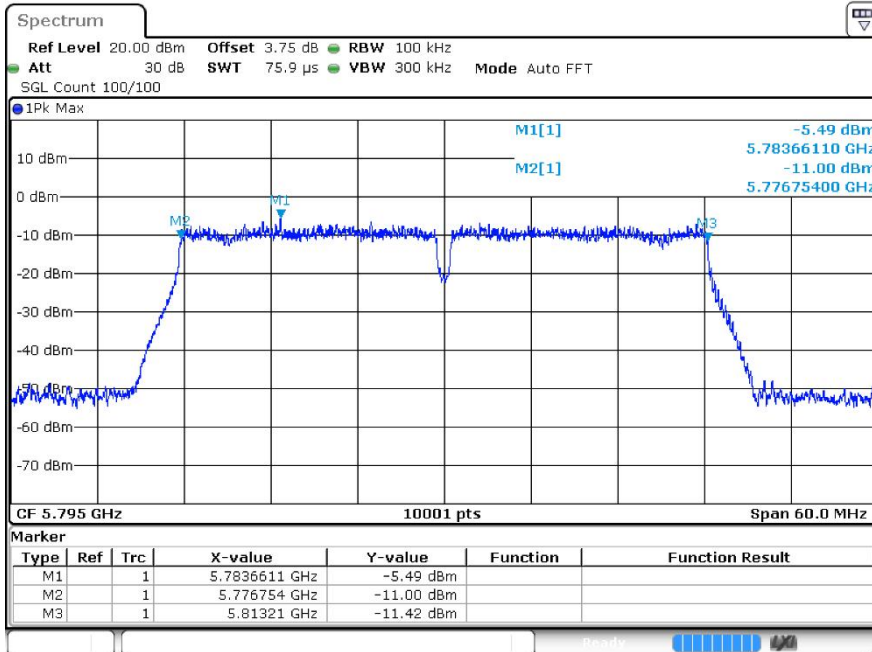


-6dB Bandwidth ac40 5755MHz Ant1

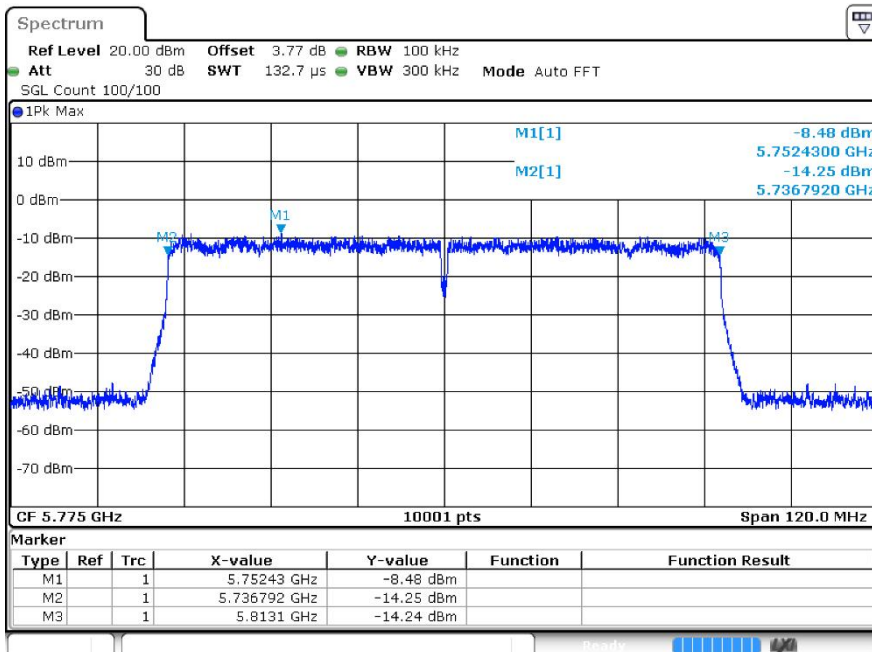




-6dB Bandwidth ac40 5795MHz Ant1

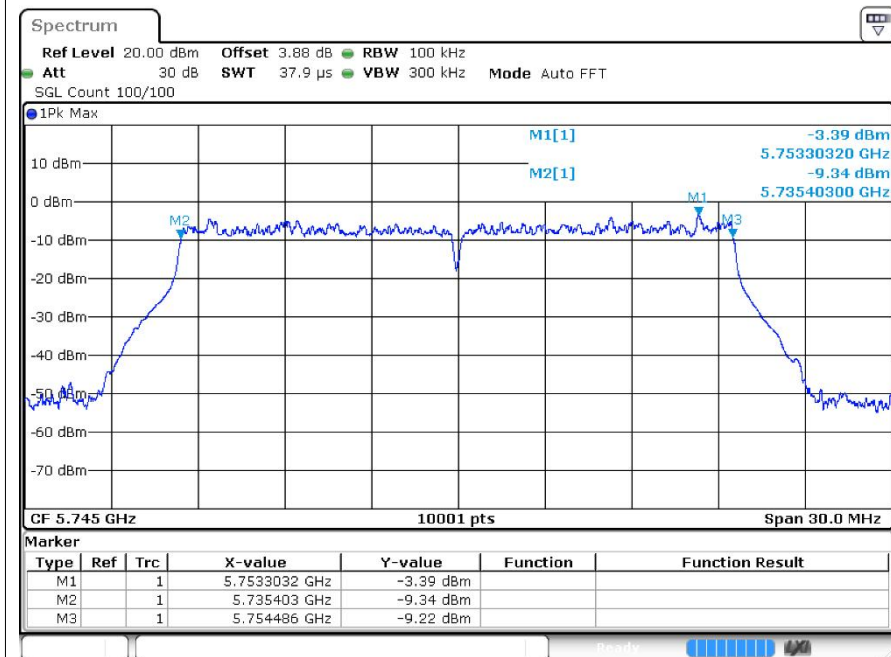


-6dB Bandwidth ac80 5775MHz Ant1

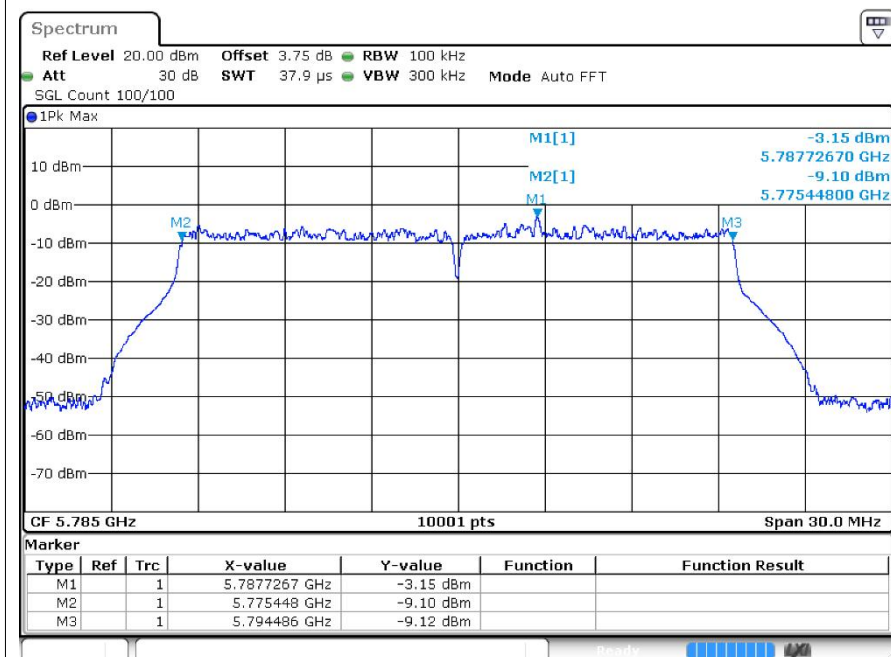




-6dB Bandwidth ax20 5745MHz Ant1

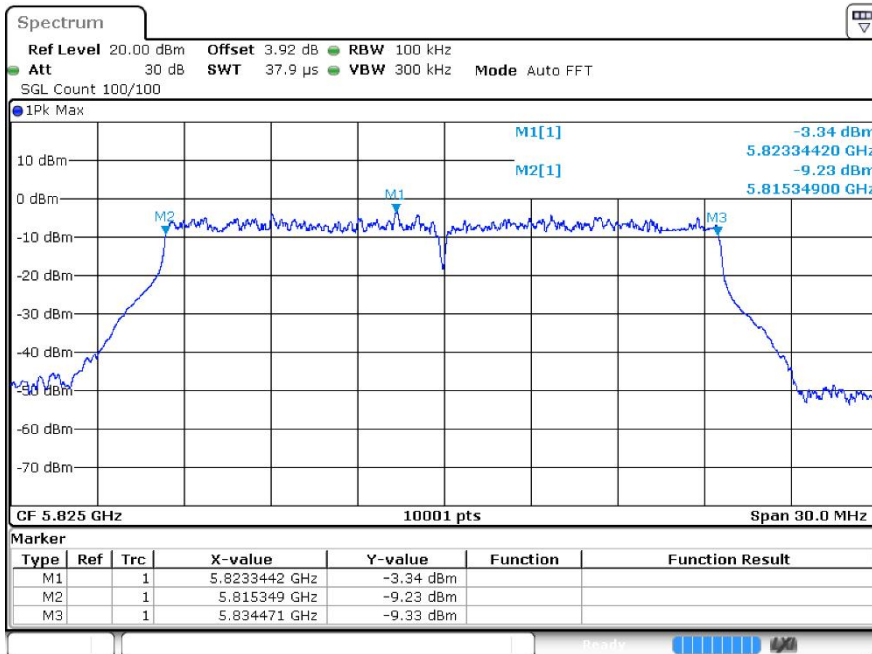


-6dB Bandwidth ax20 5785MHz Ant1

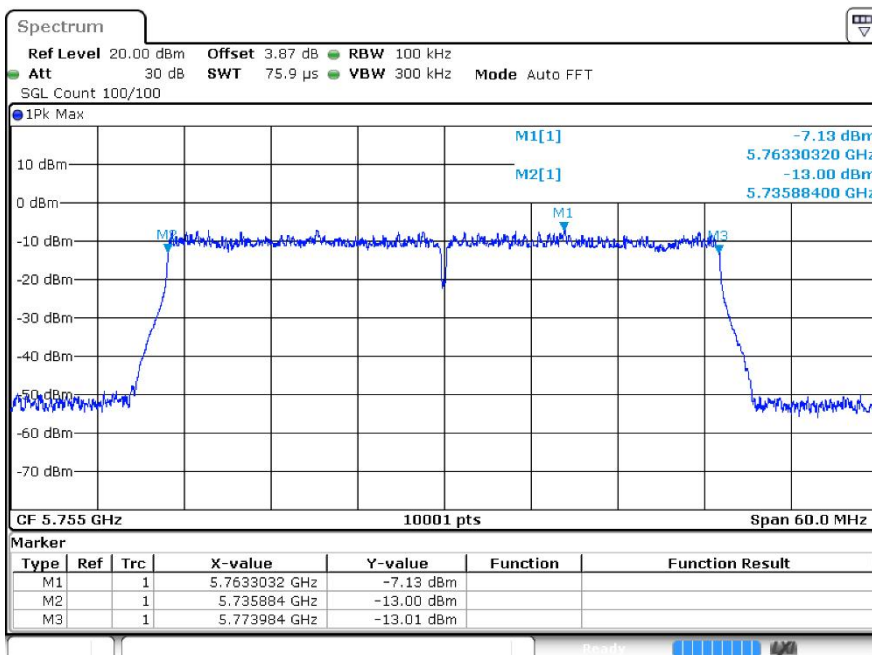




-6dB Bandwidth ax20 5825MHz Ant1

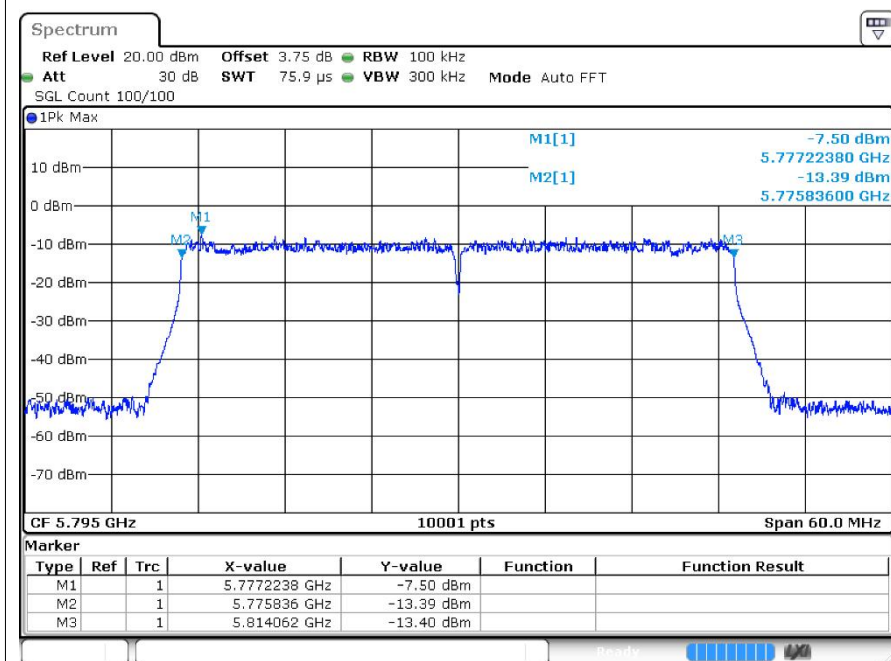


-6dB Bandwidth ax40 5755MHz Ant1

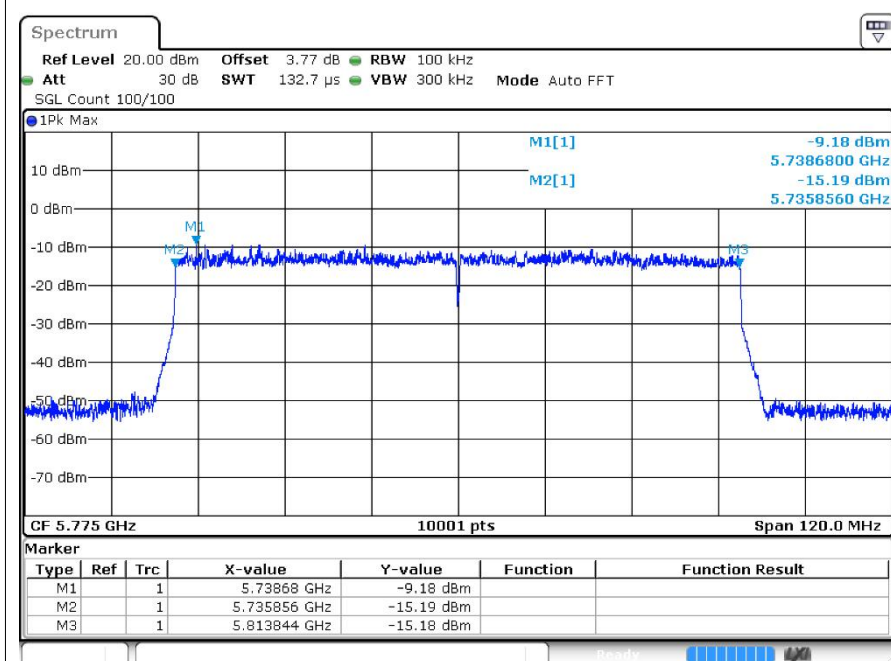




-6dB Bandwidth ax40 5795MHz Ant1



-6dB Bandwidth ax80 5775MHz Ant1



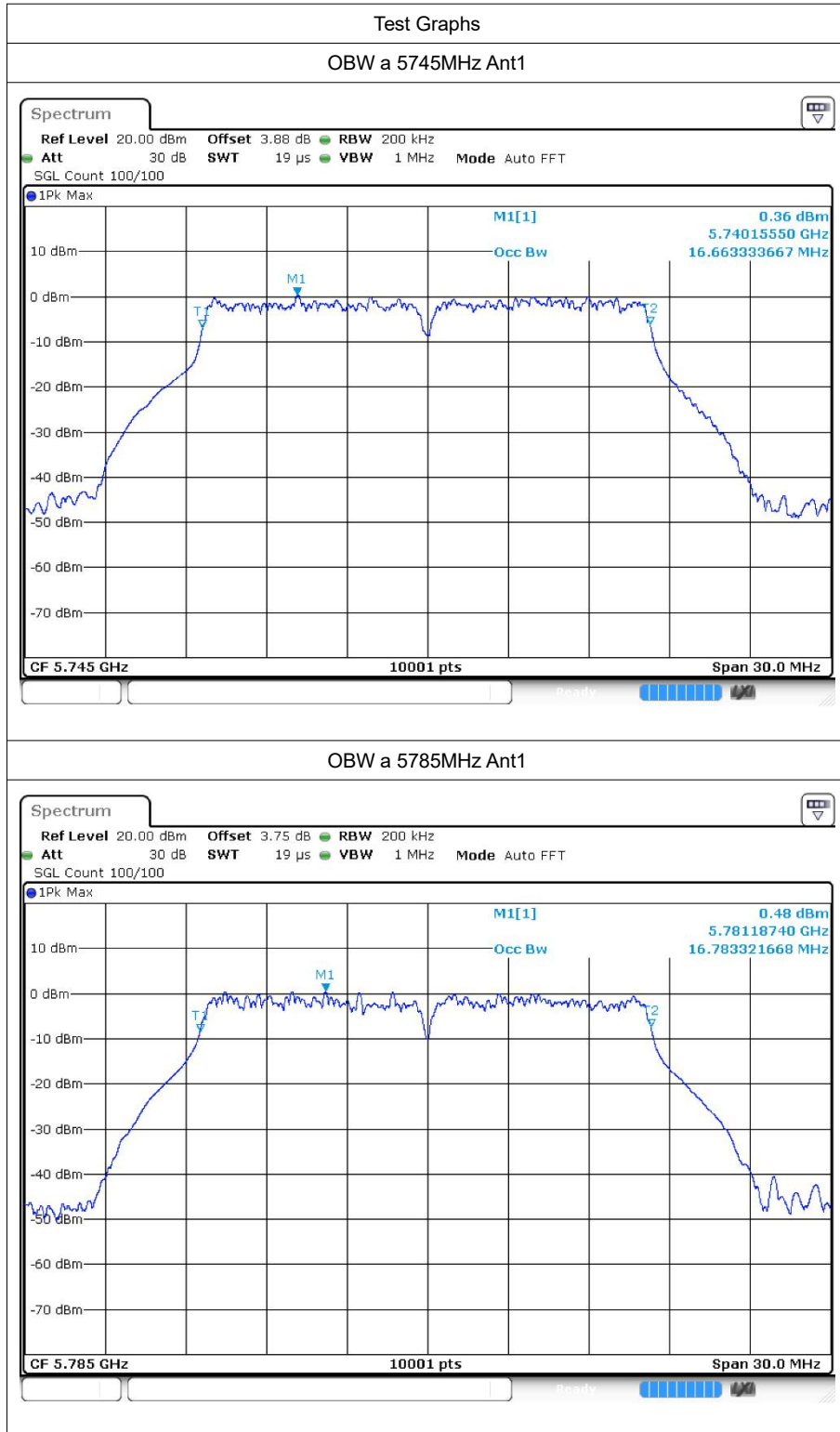
4 Occupied Channel Bandwidth

4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5745	Ant1	16.663
a	5785	Ant1	16.783
a	5825	Ant1	16.687
n20	5745	Ant1	17.872
n20	5785	Ant1	18.013
n20	5825	Ant1	17.965
n40	5755	Ant1	36.374
n40	5795	Ant1	36.542
ac20	5745	Ant1	17.833
ac20	5785	Ant1	17.896
ac20	5825	Ant1	17.872
ac40	5755	Ant1	36.464
ac40	5795	Ant1	36.452
ac80	5775	Ant1	75.676
ax20	5745	Ant1	19.036
ax20	5785	Ant1	19.294
ax20	5825	Ant1	19.084
ax40	5755	Ant1	37.772
ax40	5795	Ant1	37.724
ax80	5775	Ant1	77.56

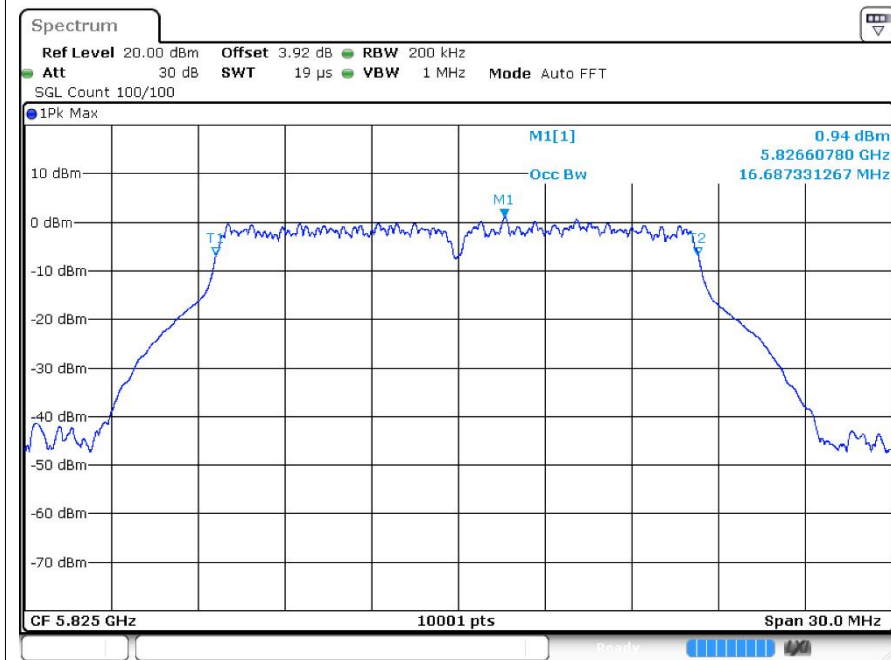


4.2 Test Graphs

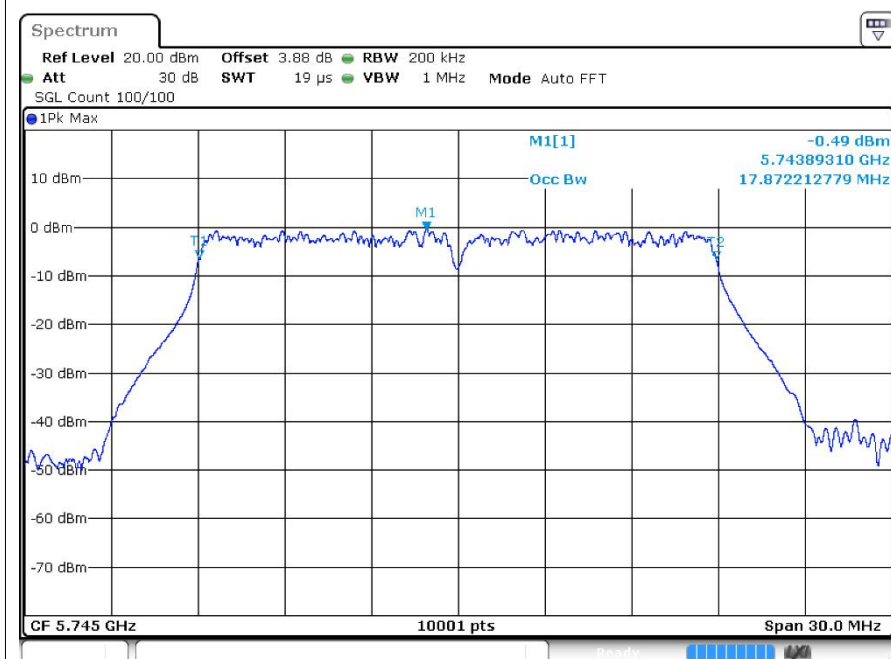




OBW a 5825MHz Ant1

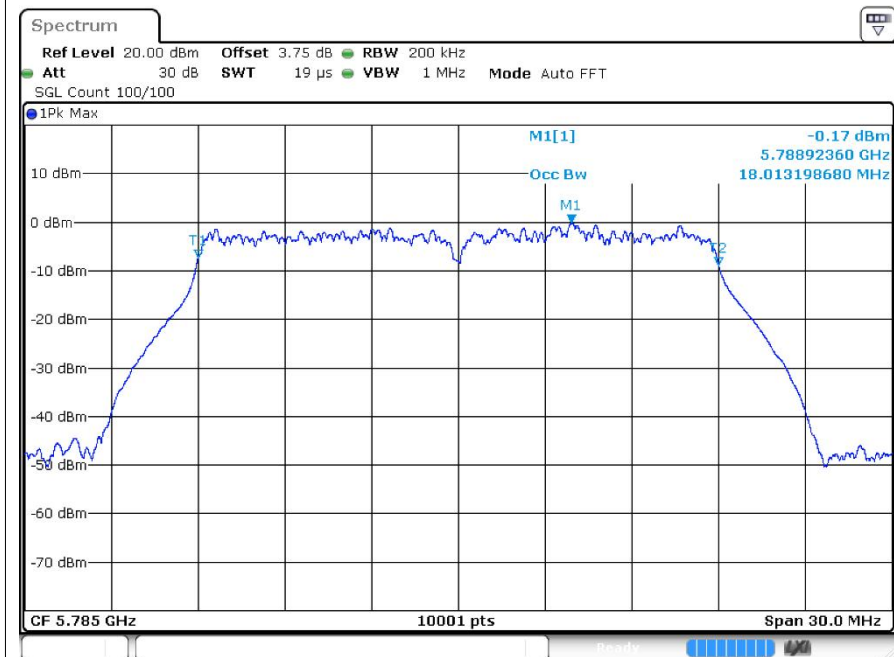


OBW n20 5745MHz Ant1

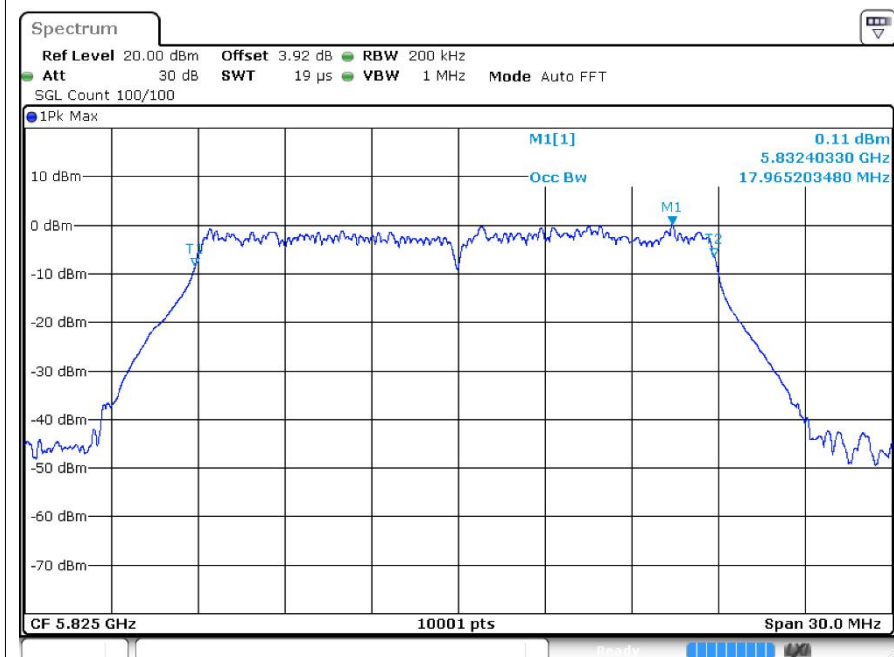




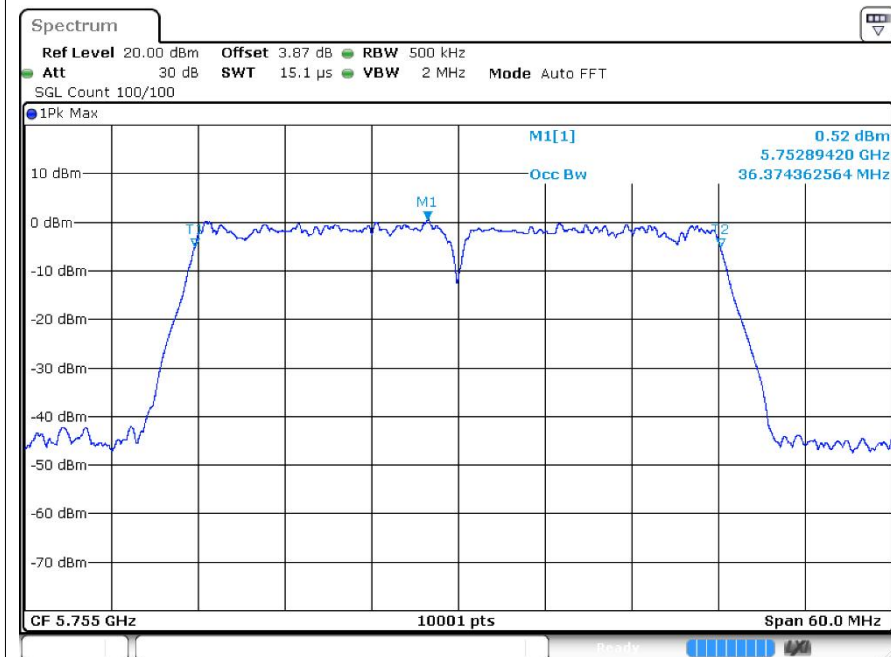
OBW n20 5785MHz Ant1



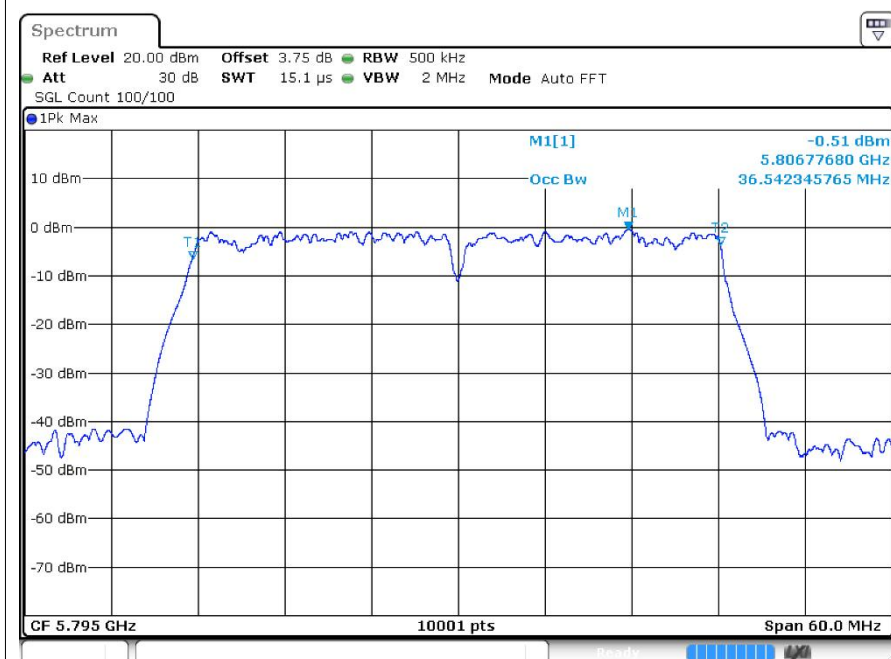
OBW n20 5825MHz Ant1

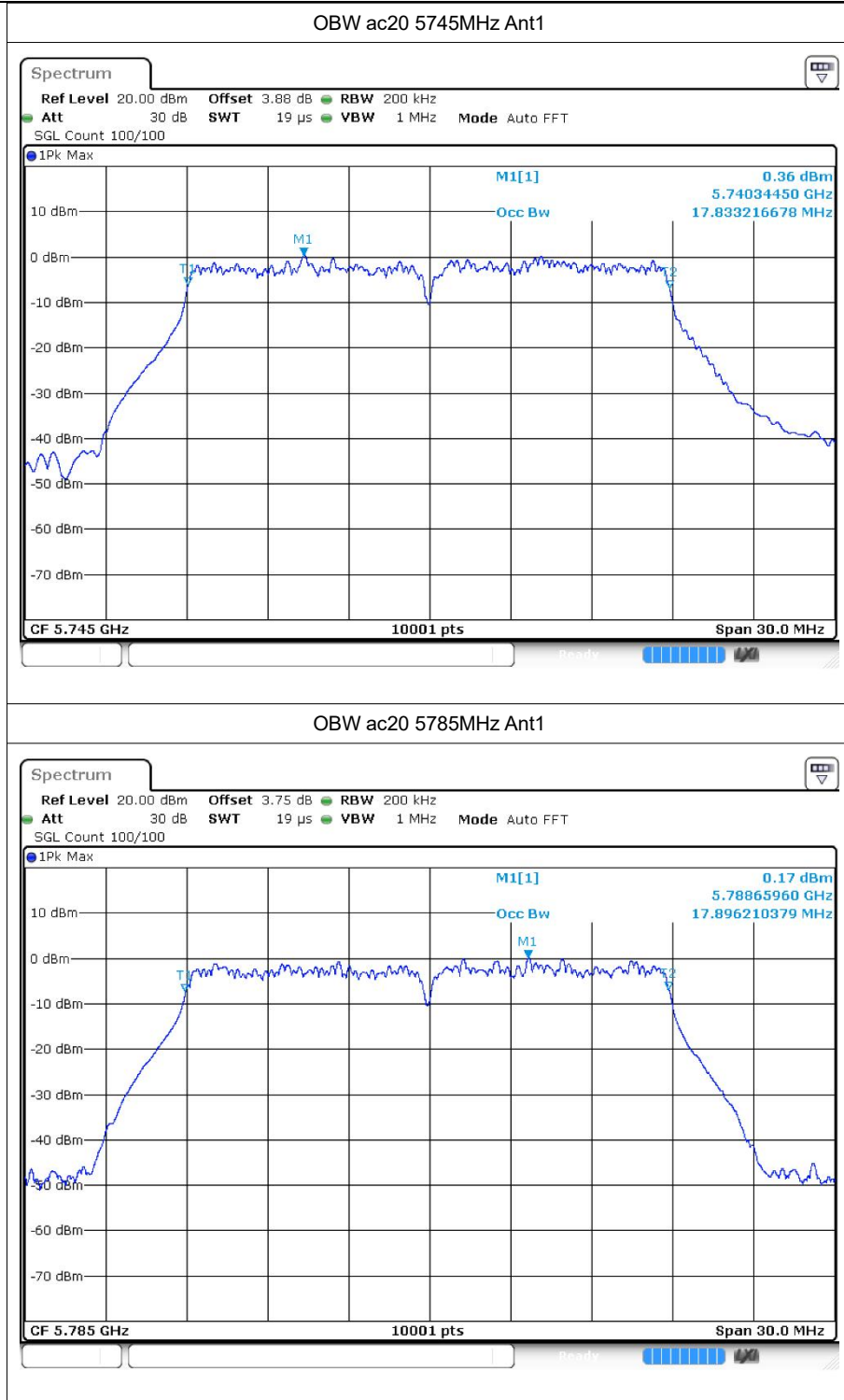


OBW n40 5755MHz Ant1

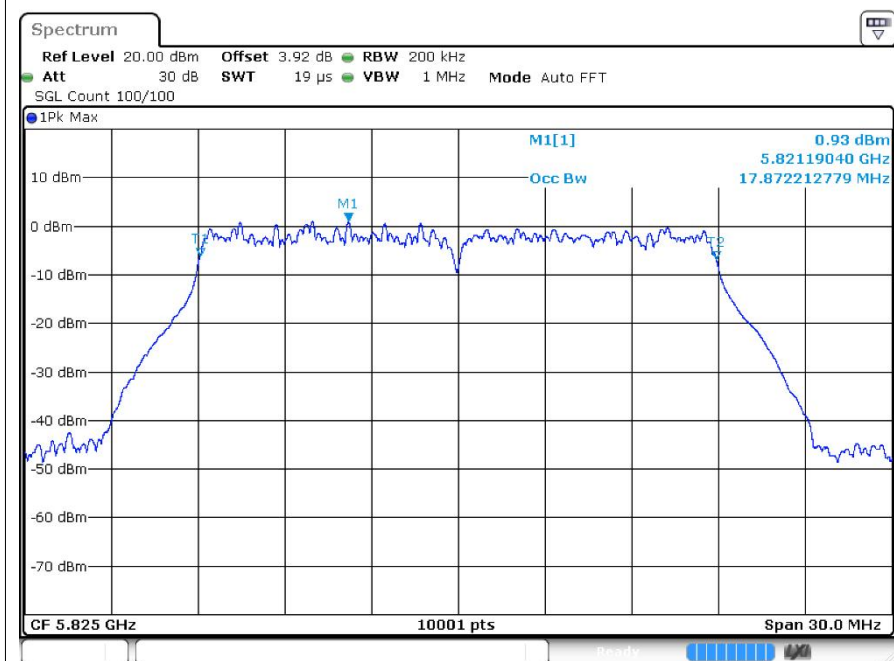


OBW n40 5795MHz Ant1





OBW ac20 5825MHz Ant1



OBW ac40 5755MHz Ant1

