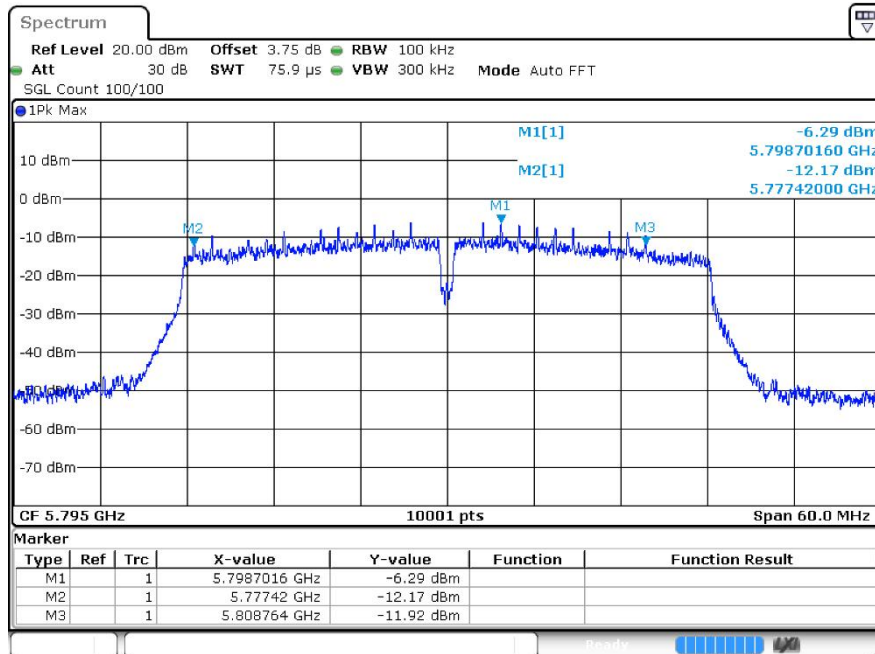
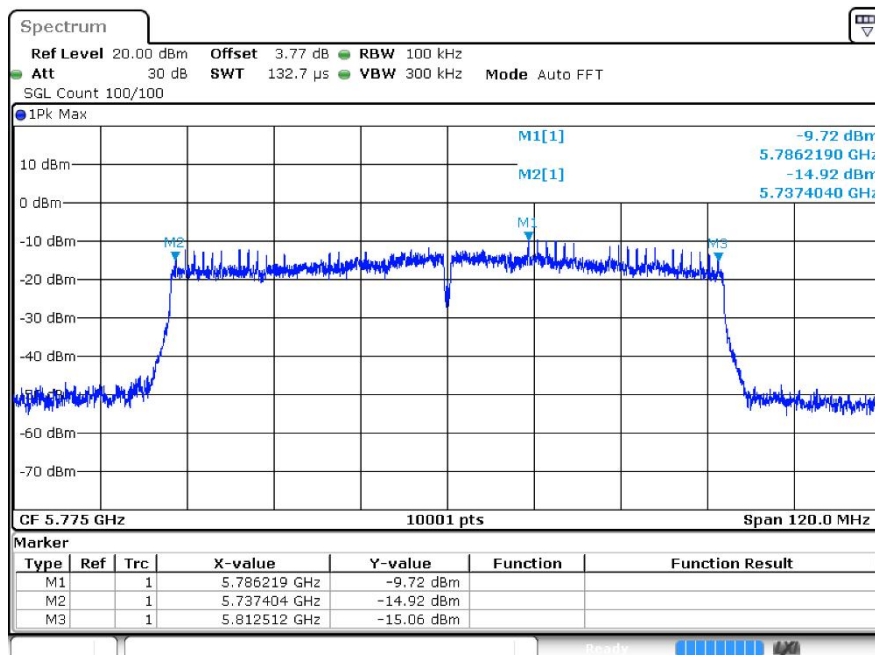


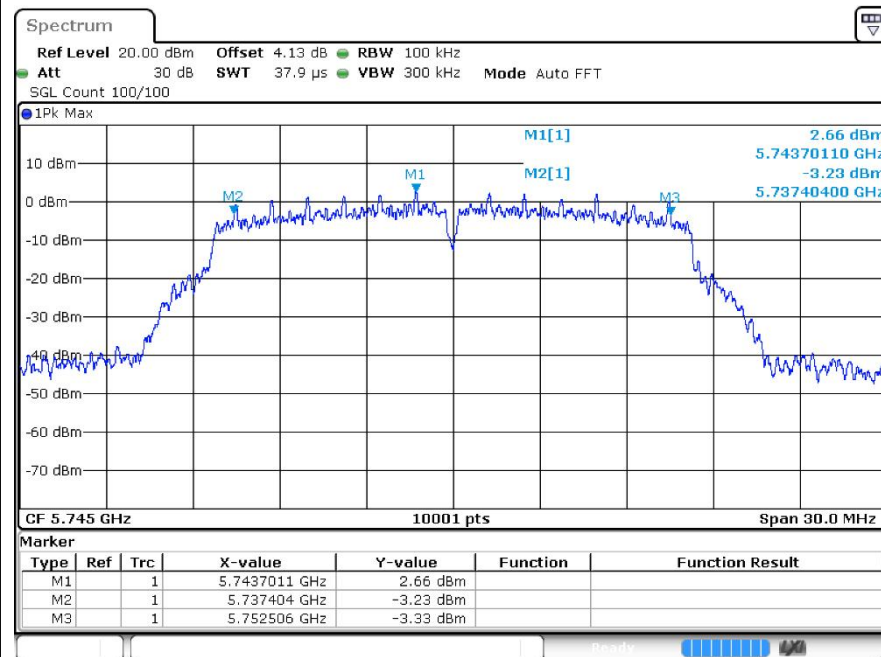
-6dB Bandwidth ac40 5795MHz Ant1



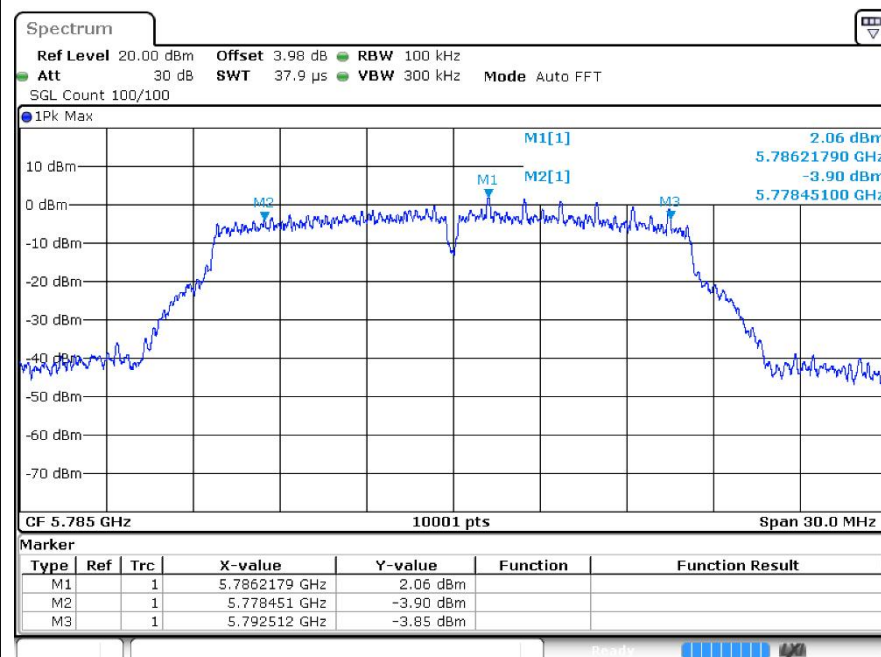
-6dB Bandwidth ac80 5775MHz Ant1



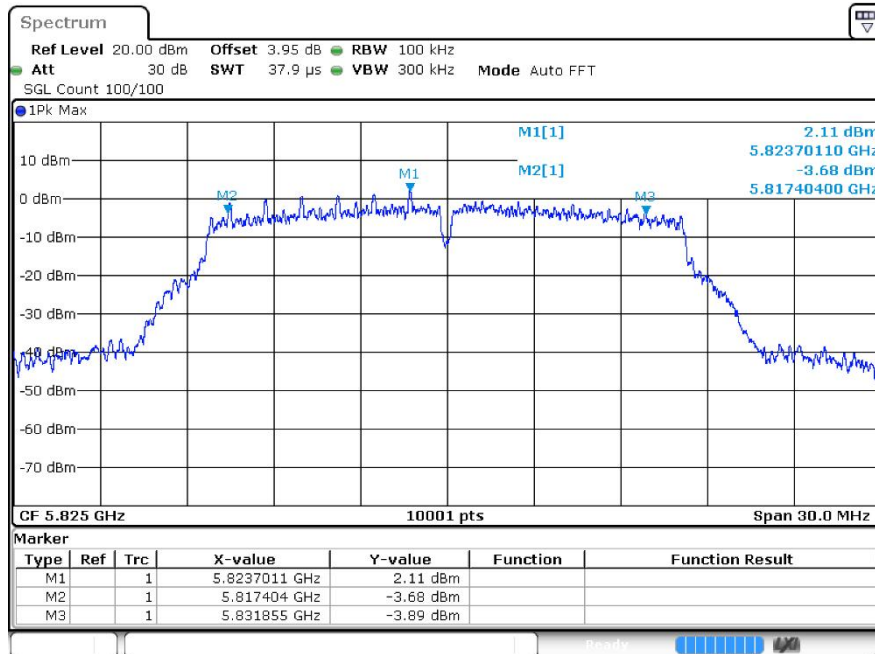
-6dB Bandwidth a 5745MHz Ant2



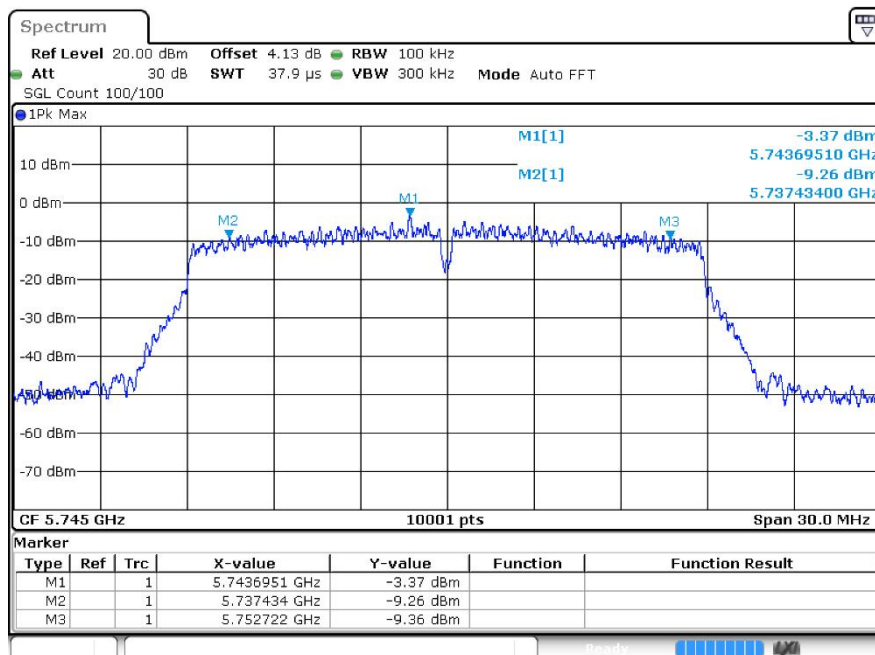
-6dB Bandwidth a 5785MHz Ant2



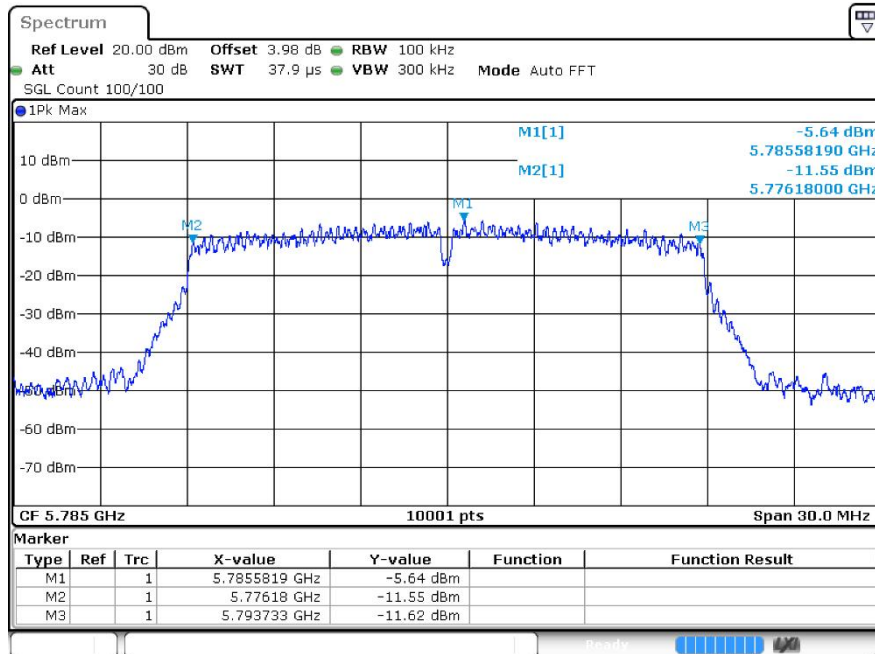
-6dB Bandwidth a 5825MHz Ant2



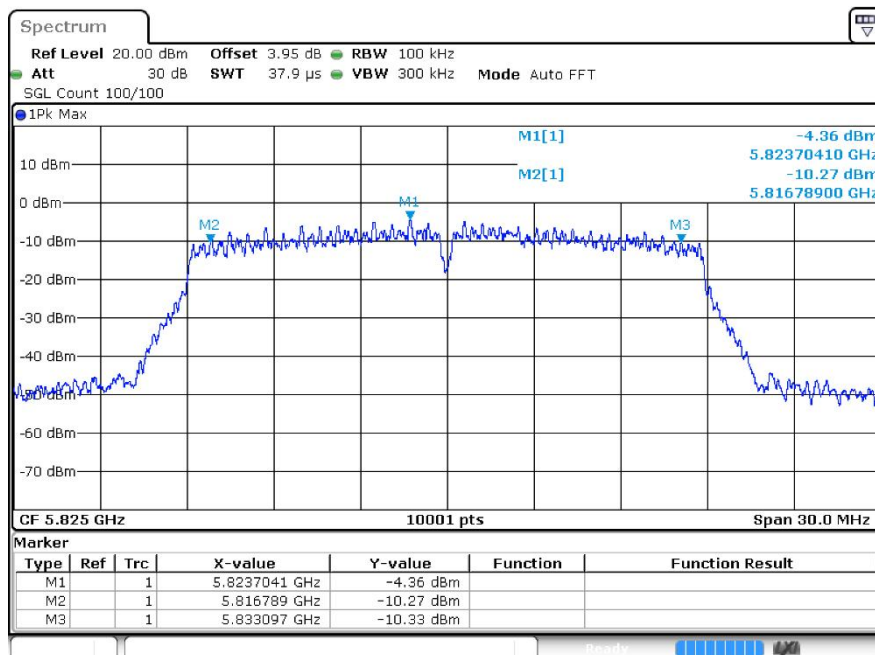
-6dB Bandwidth n20 5745MHz Ant2



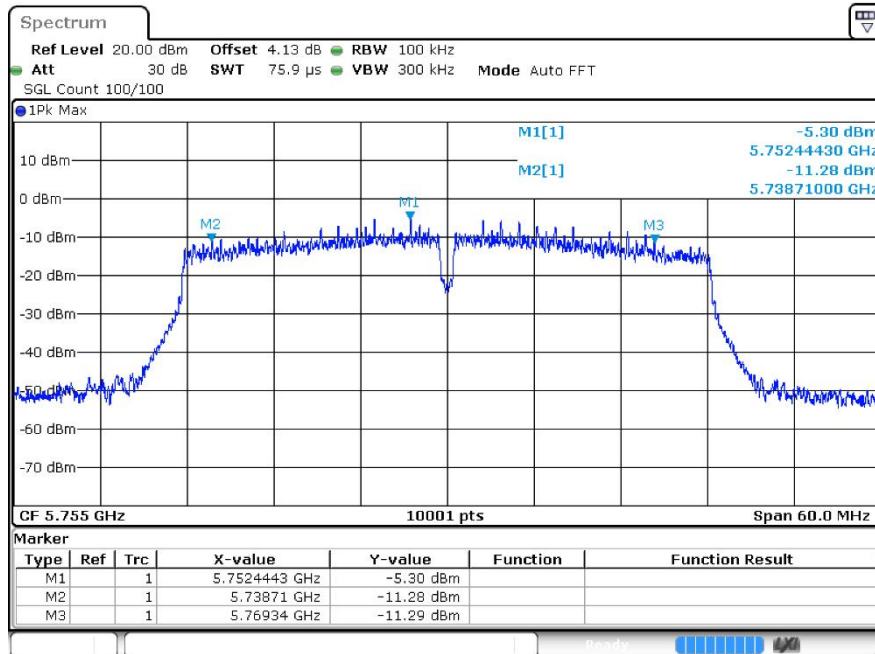
-6dB Bandwidth n20 5785MHz Ant2



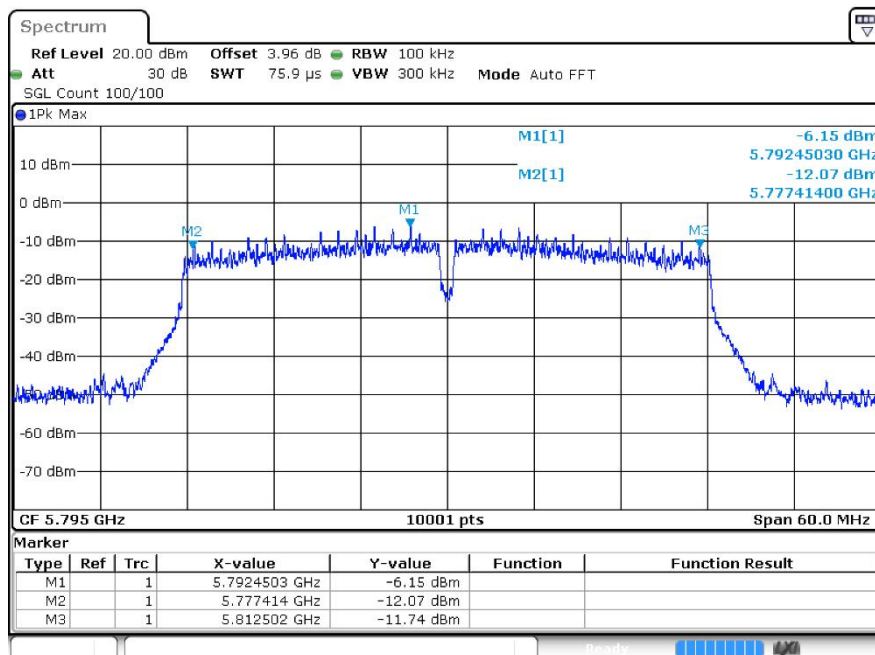
-6dB Bandwidth n20 5825MHz Ant2



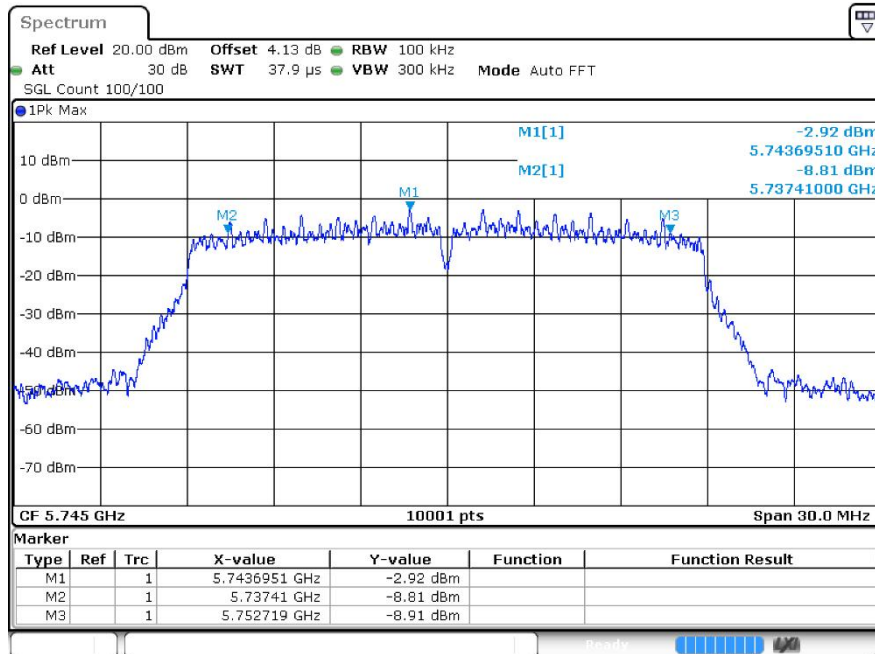
-6dB Bandwidth n40 5755MHz Ant2



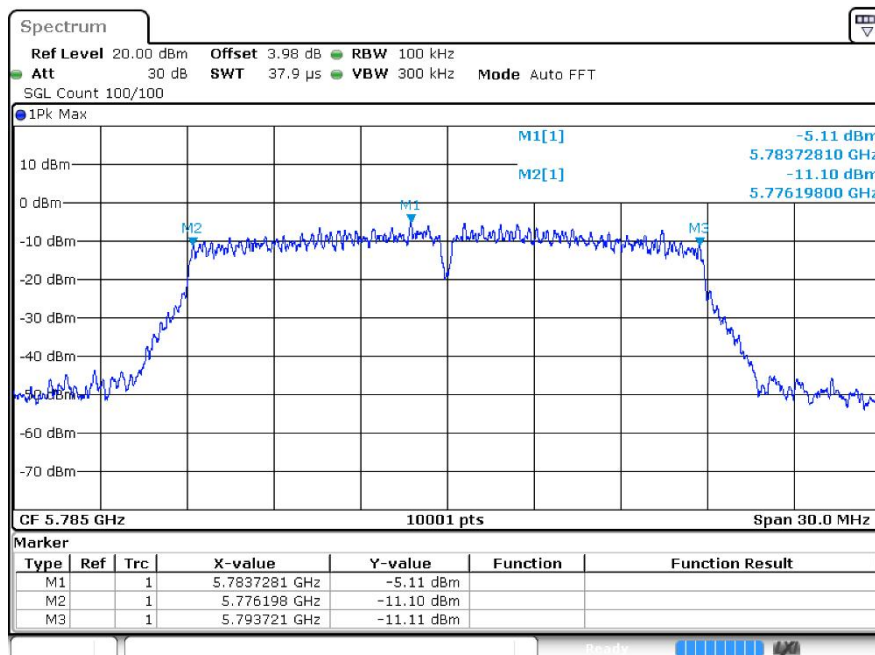
-6dB Bandwidth n40 5795MHz Ant2



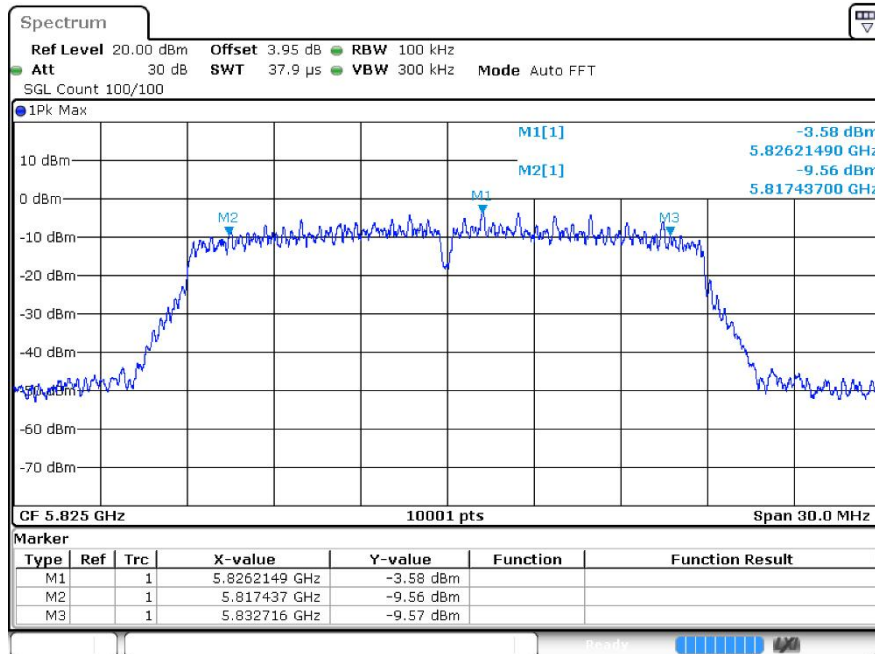
-6dB Bandwidth ac20 5745MHz Ant2



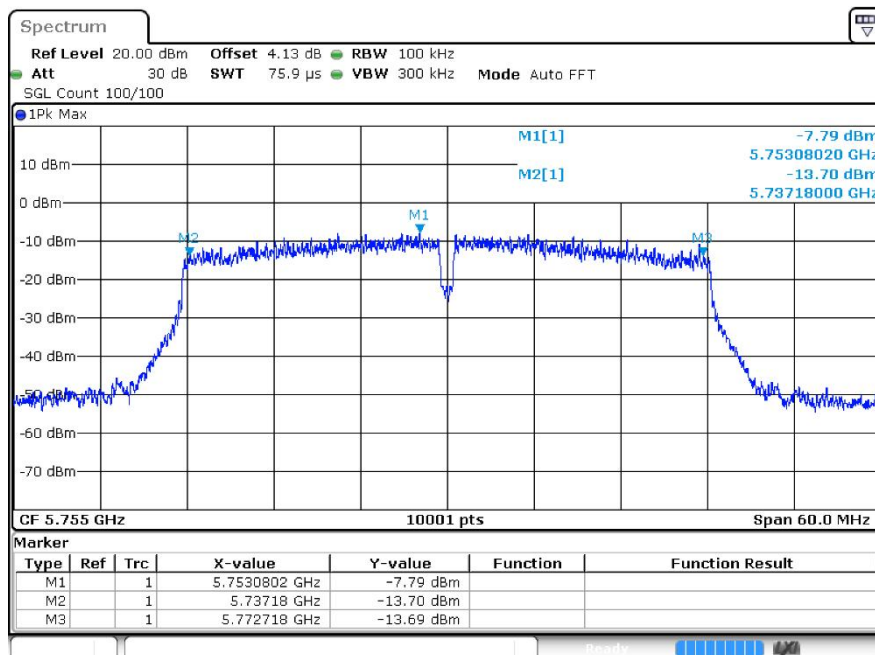
-6dB Bandwidth ac20 5785MHz Ant2



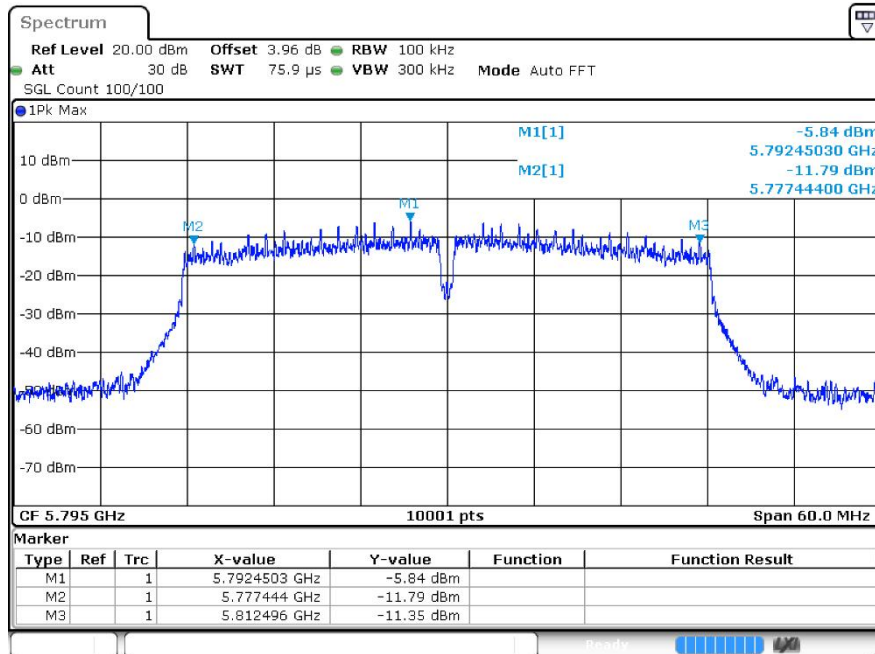
-6dB Bandwidth ac20 5825MHz Ant2



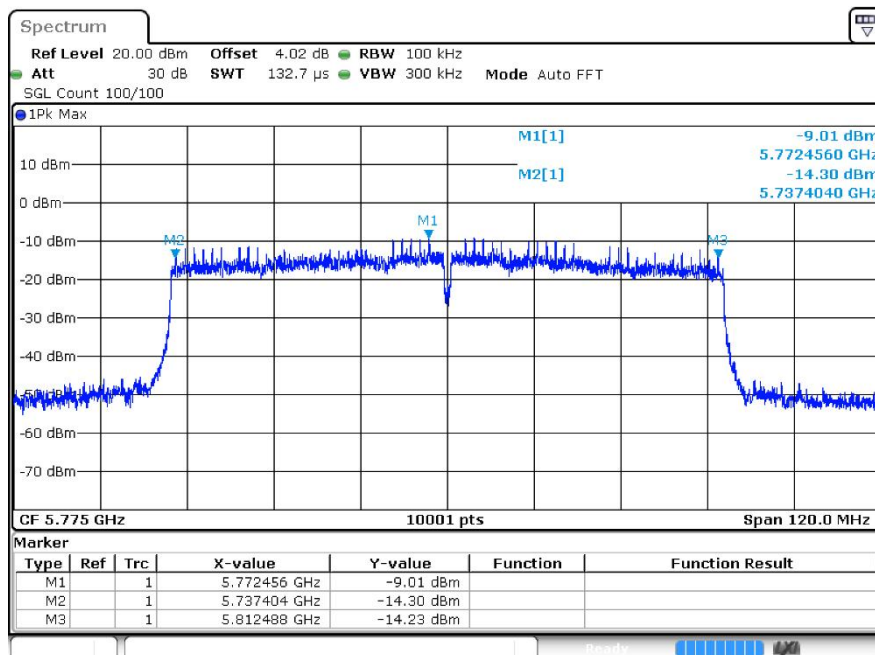
-6dB Bandwidth ac40 5755MHz Ant2



-6dB Bandwidth ac40 5795MHz Ant2



-6dB Bandwidth ac80 5775MHz Ant2

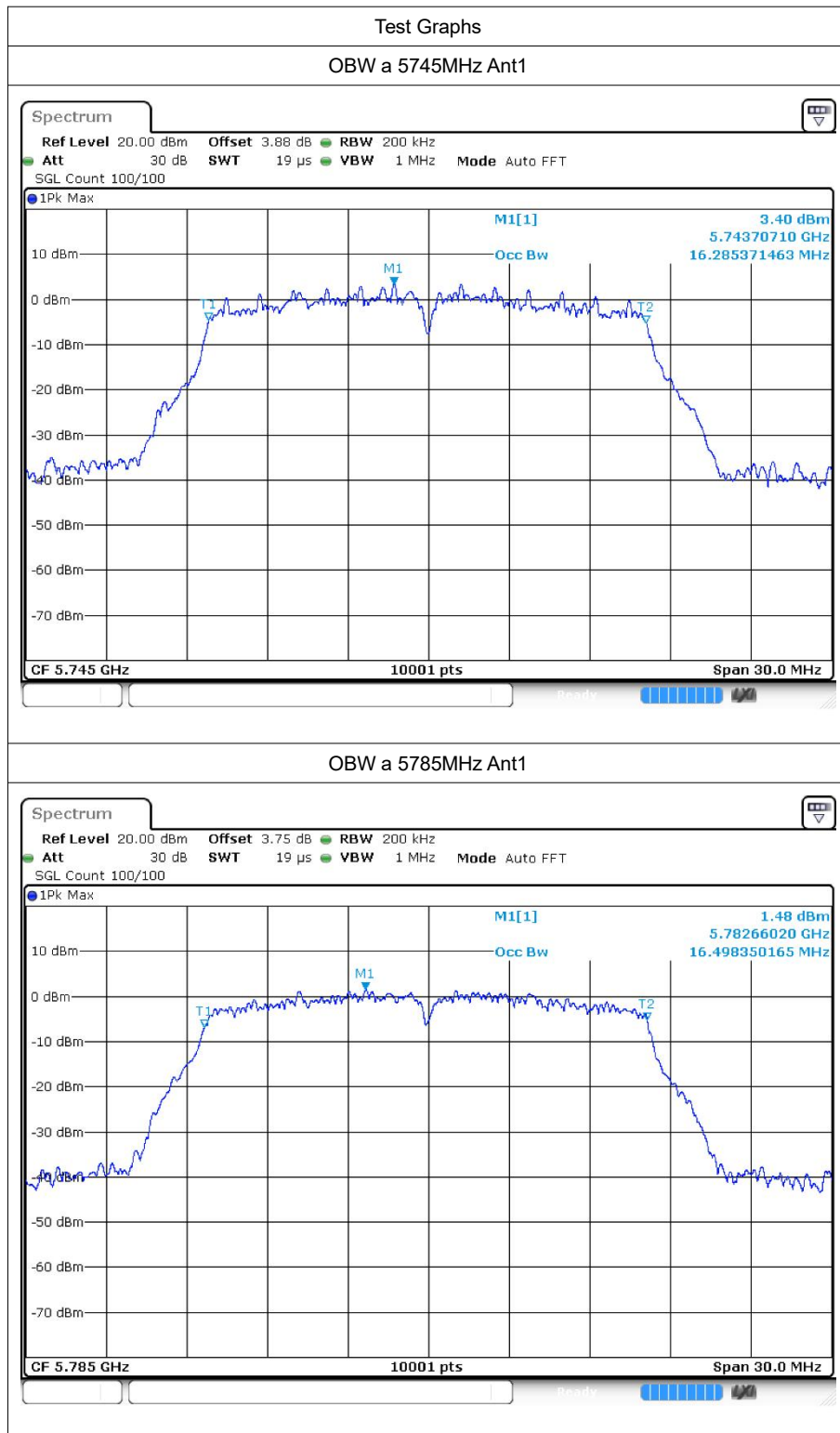


4 Occupied Channel Bandwidth

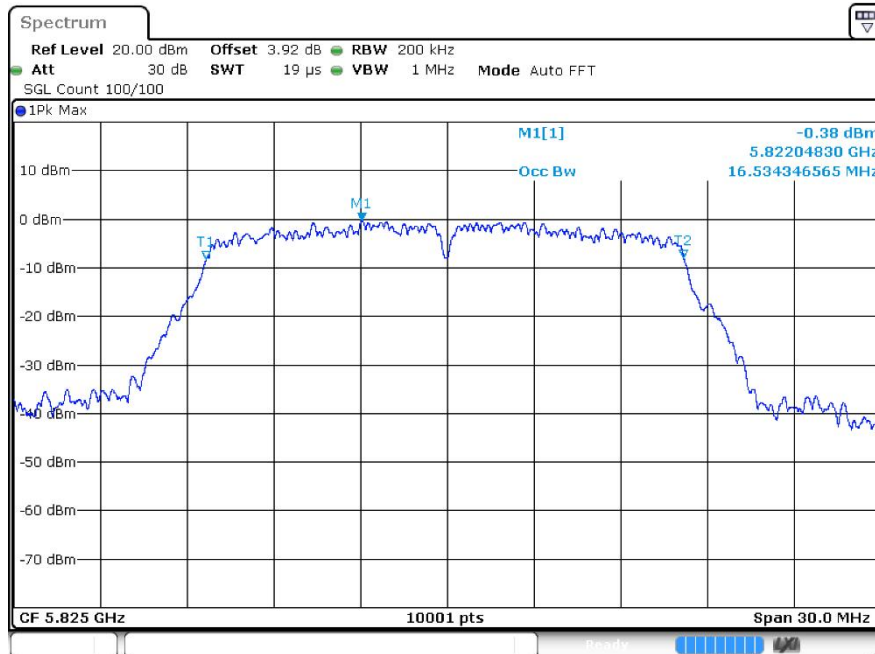
4.1 Test Result

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5745	Ant1	16.285
a	5785	Ant1	16.498
a	5825	Ant1	16.534
n20	5745	Ant1	17.557
n20	5785	Ant1	17.488
n20	5825	Ant1	17.629
n40	5755	Ant1	36.086
n40	5795	Ant1	35.96
ac20	5745	Ant1	17.485
ac20	5785	Ant1	17.527
ac20	5825	Ant1	17.518
ac40	5755	Ant1	36.032
ac40	5795	Ant1	35.954
ac80	5775	Ant1	75.496
a	5745	Ant2	16.399
a	5785	Ant2	16.345
a	5825	Ant2	16.318
n20	5745	Ant2	17.509
n20	5785	Ant2	17.512
n20	5825	Ant2	17.488
n40	5755	Ant2	36.044
n40	5795	Ant2	36.098
ac20	5745	Ant2	17.542
ac20	5785	Ant2	17.494
ac20	5825	Ant2	17.47
ac40	5755	Ant2	36.062
ac40	5795	Ant2	36.188
ac80	5775	Ant2	75.352

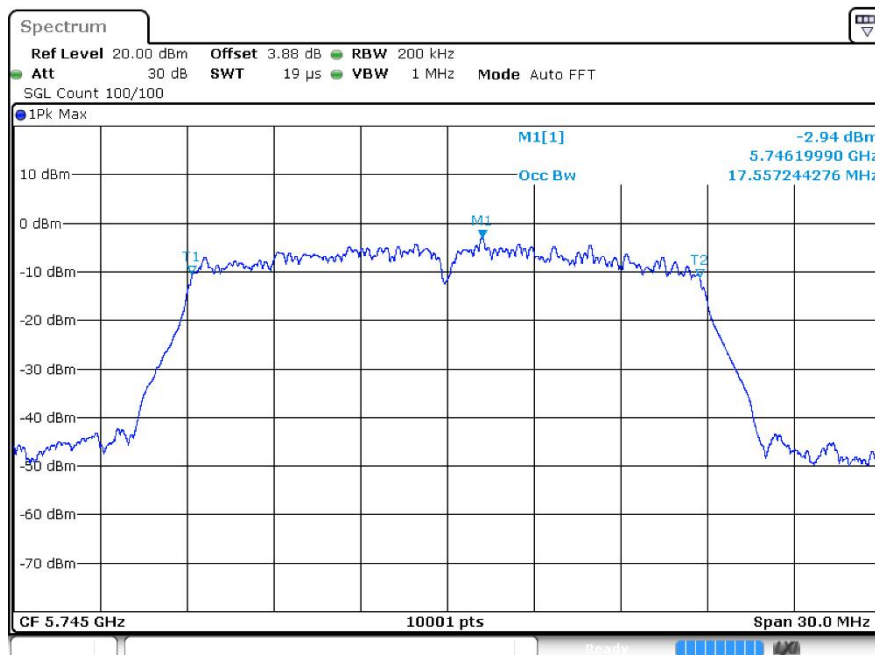
4.2 Test Graphs



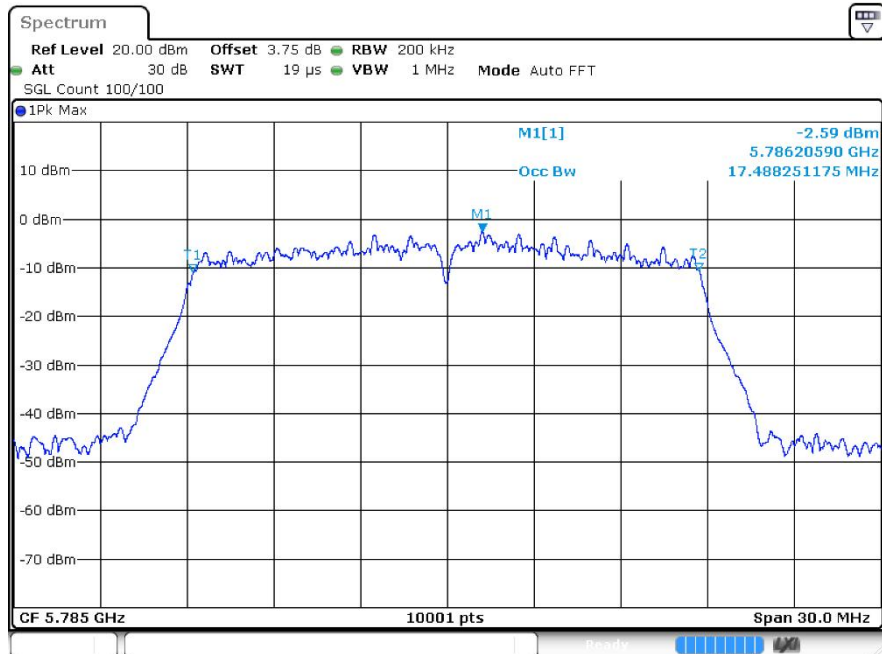
OBW a 5825MHz Ant1



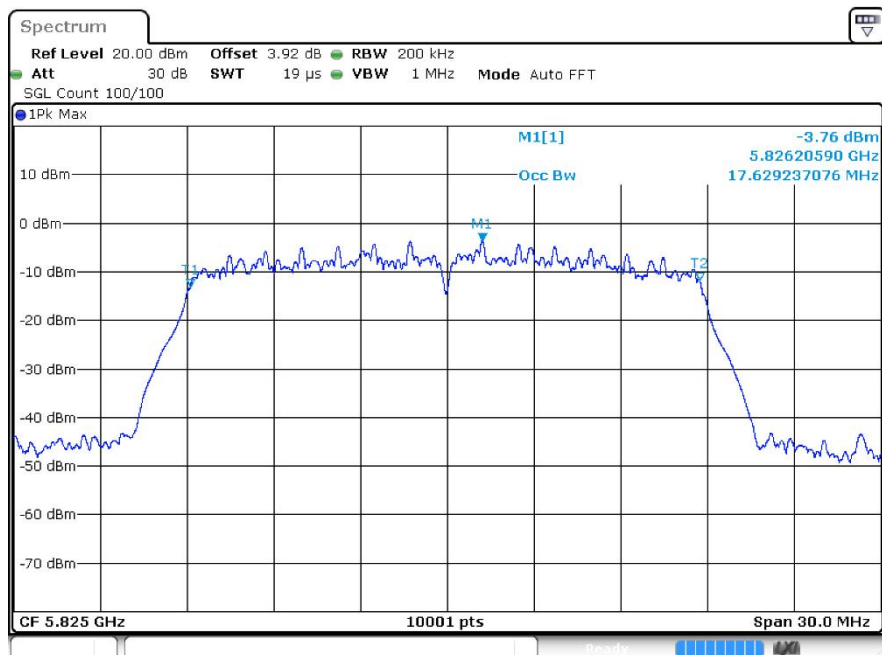
OBW n20 5745MHz Ant1



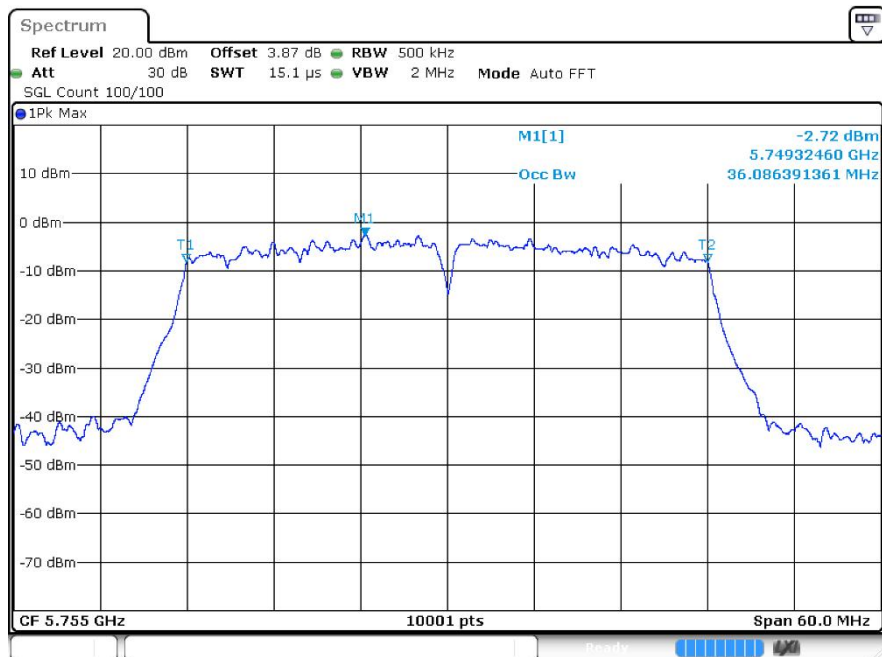
OBW n20 5785MHz Ant1



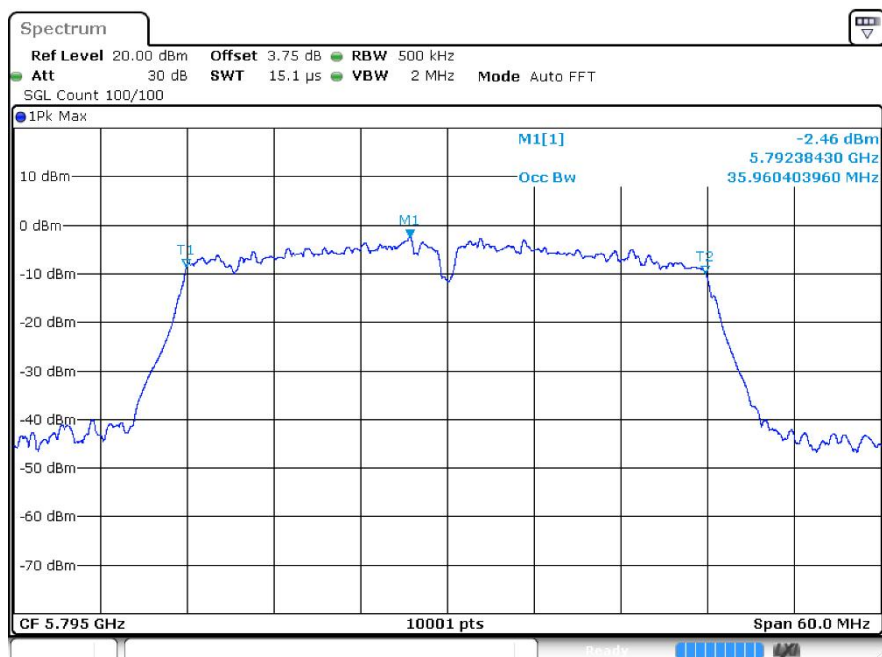
OBW n20 5825MHz Ant1



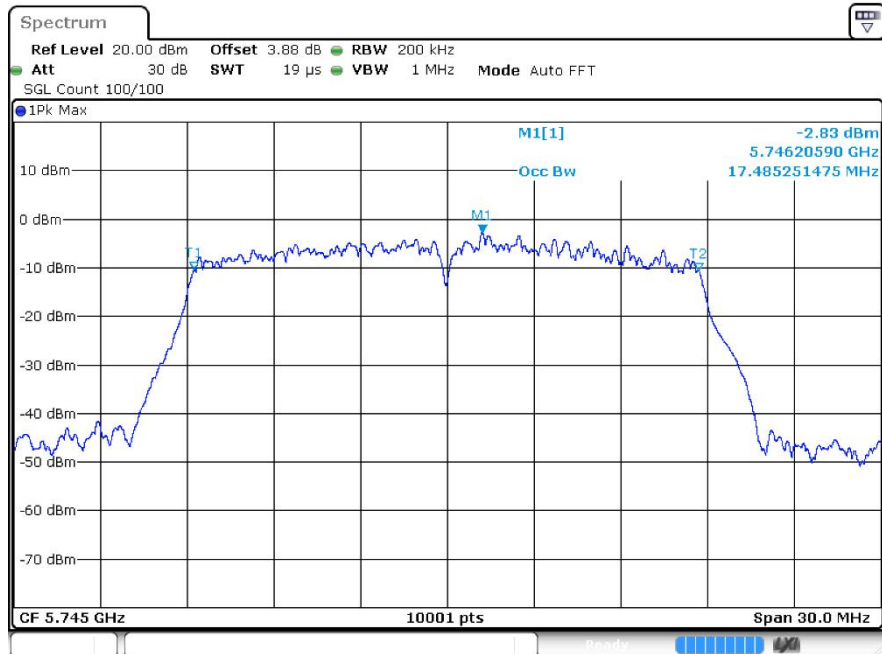
OBW n40 5755MHz Ant1



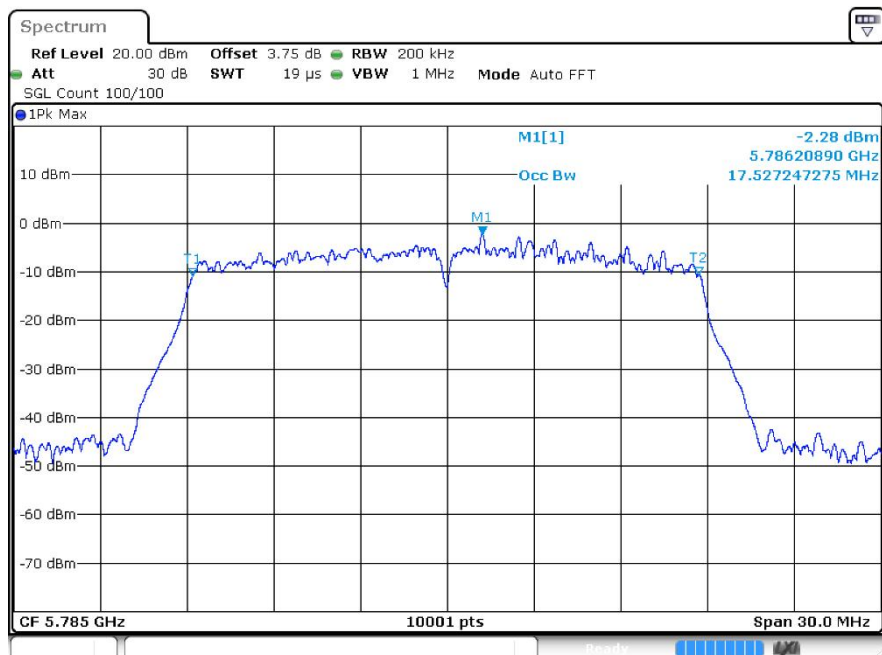
OBW n40 5795MHz Ant1



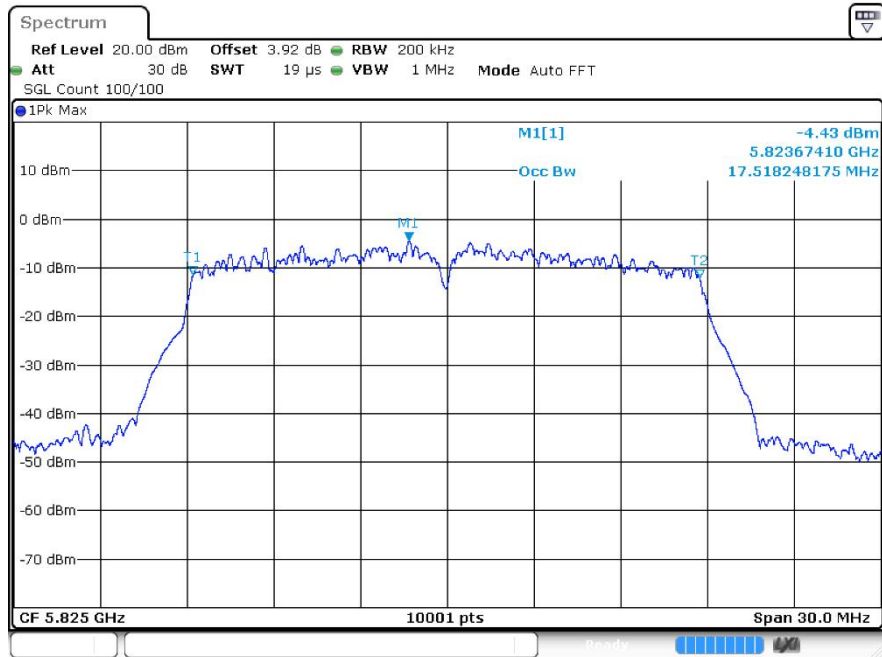
OBW ac20 5745MHz Ant1



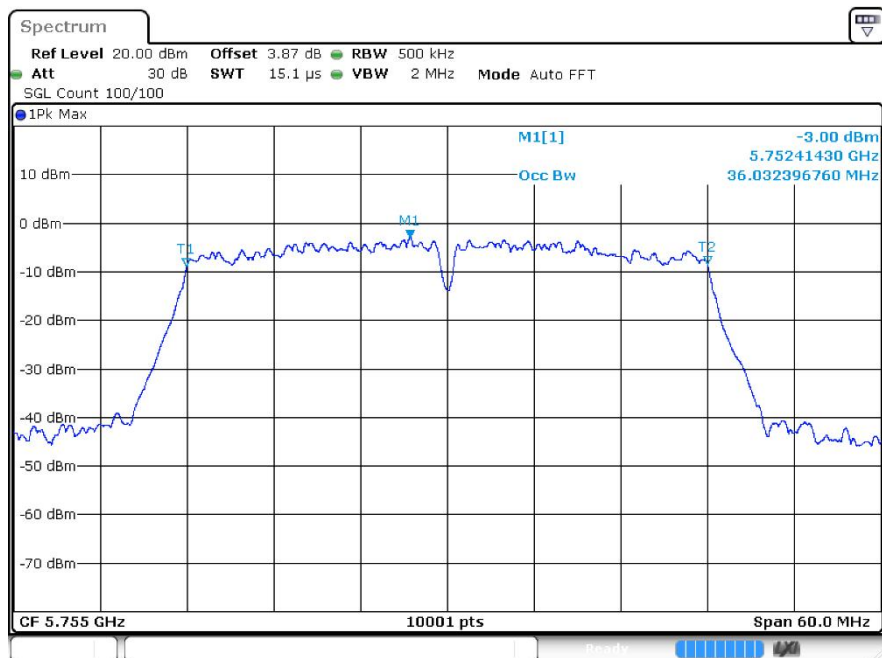
OBW ac20 5785MHz Ant1



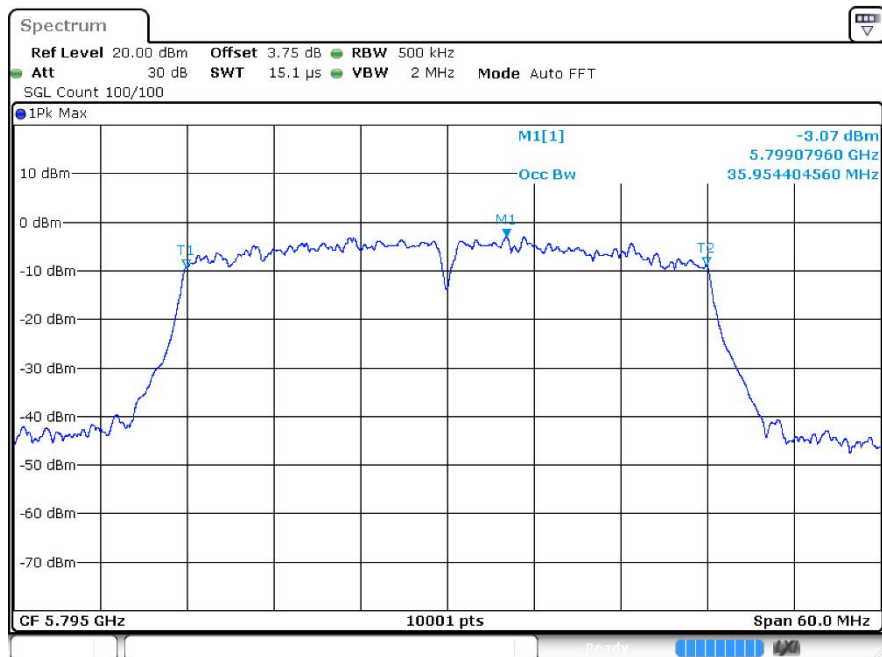
OBW ac20 5825MHz Ant1



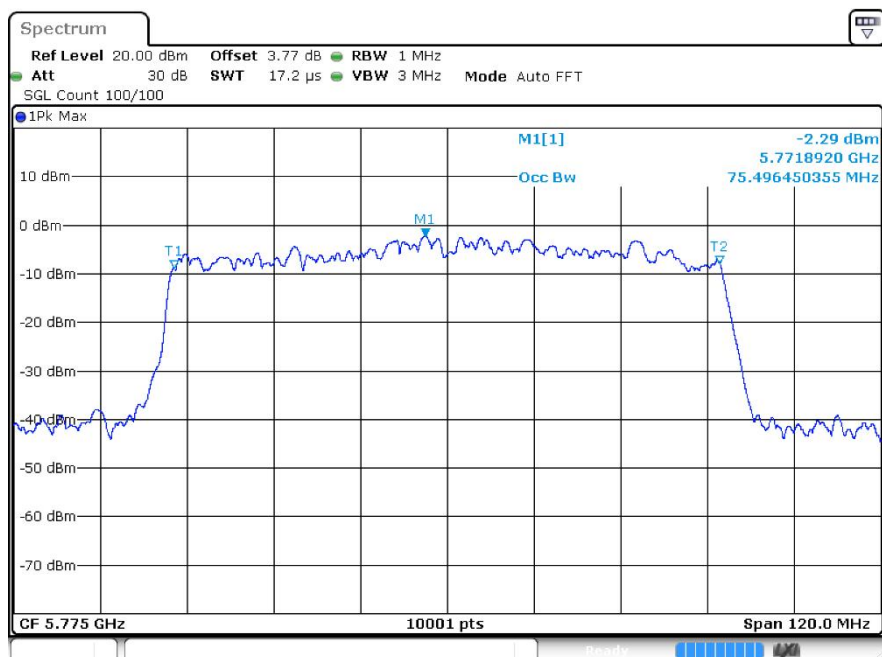
OBW ac40 5755MHz Ant1



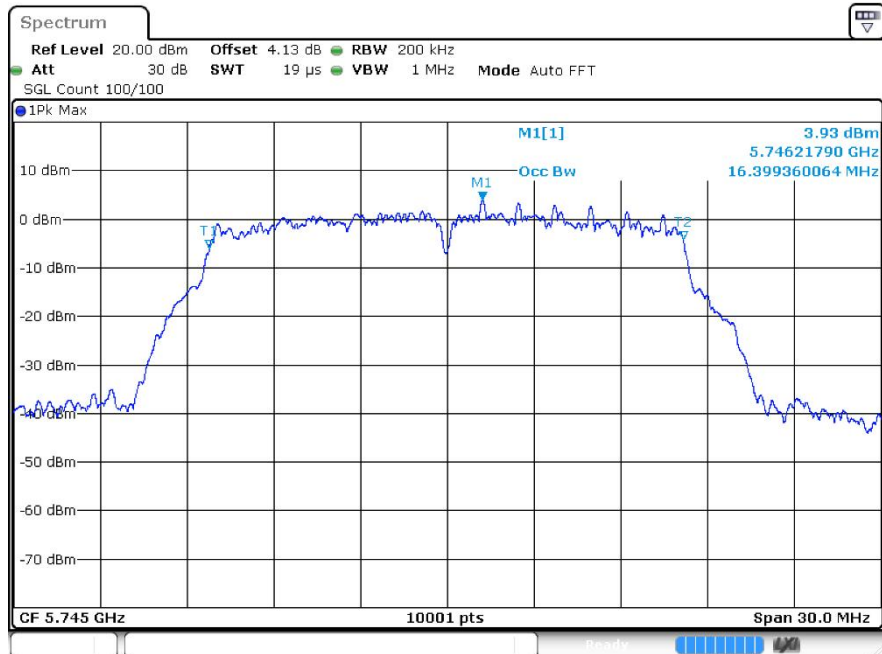
OBW ac40 5795MHz Ant1



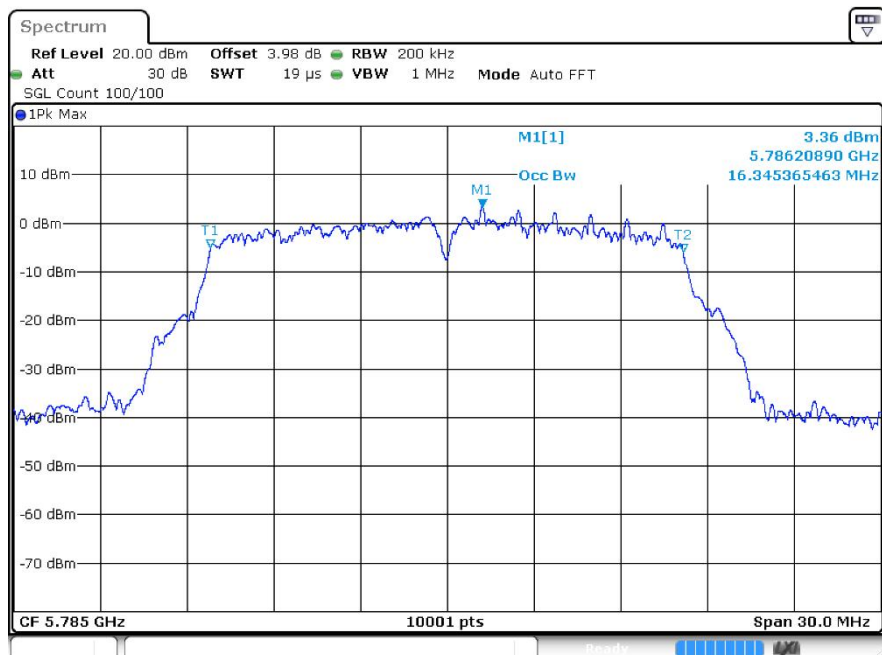
OBW ac80 5775MHz Ant1



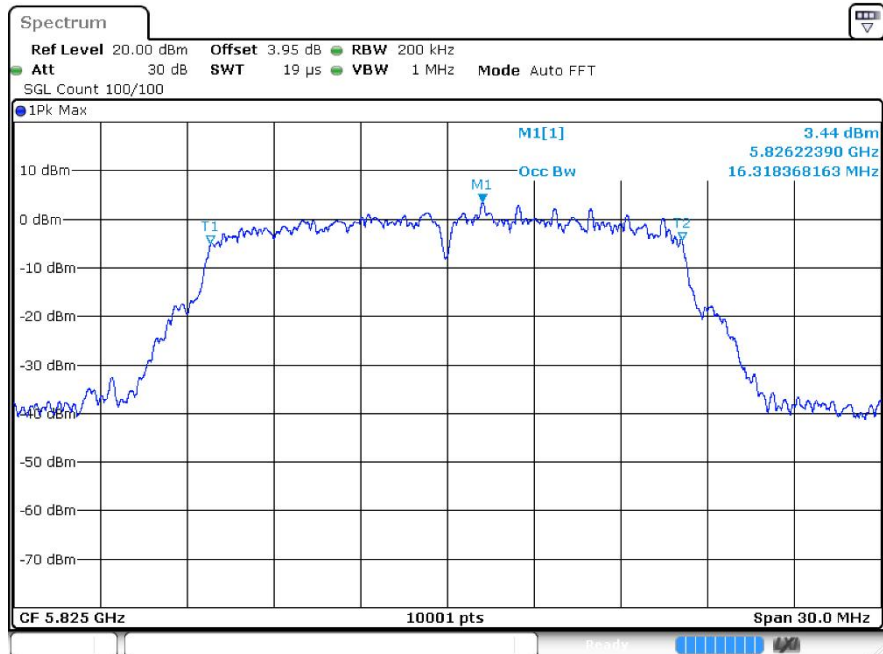
OBW a 5745MHz Ant2



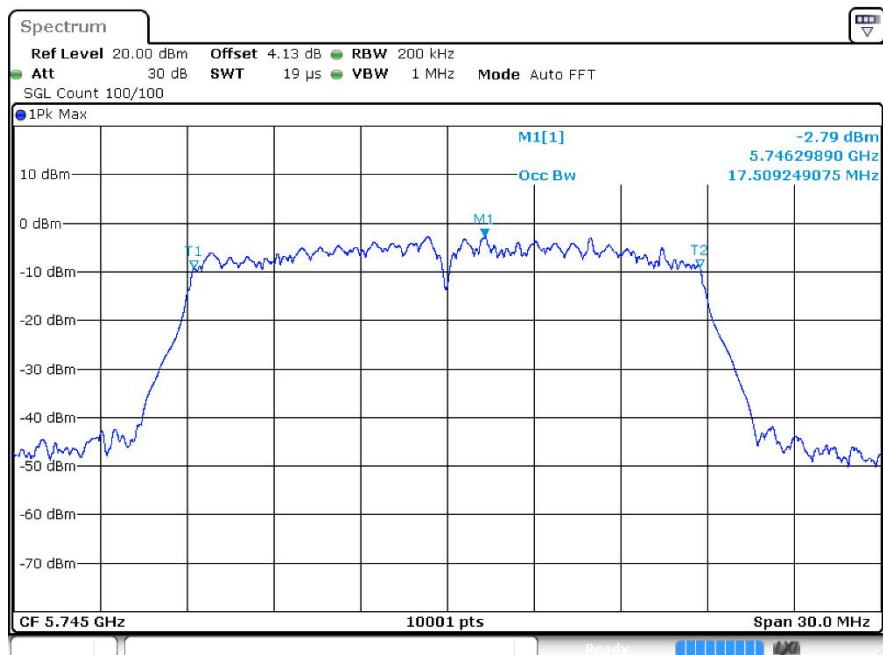
OBW a 5785MHz Ant2



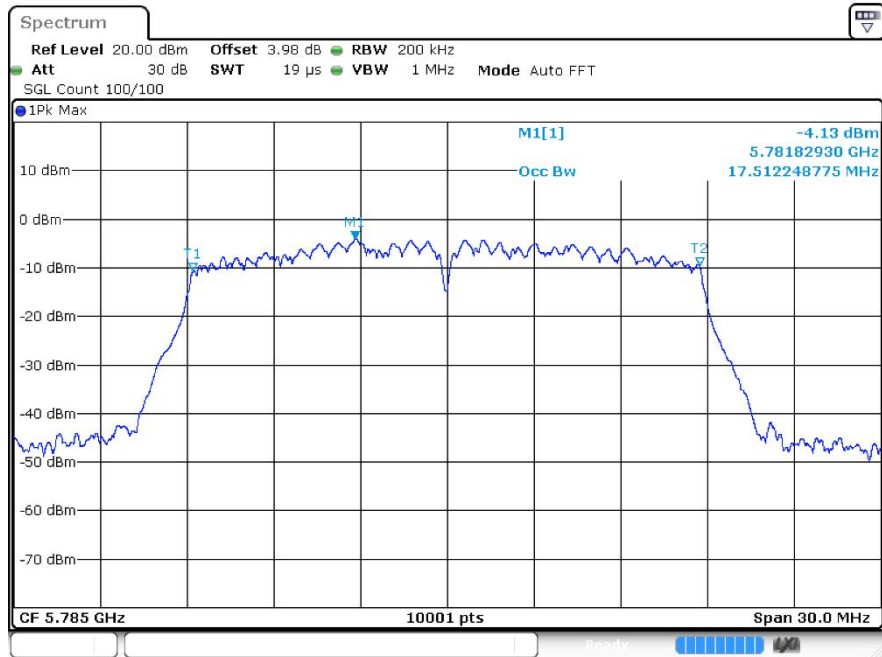
OBW a 5825MHz Ant2



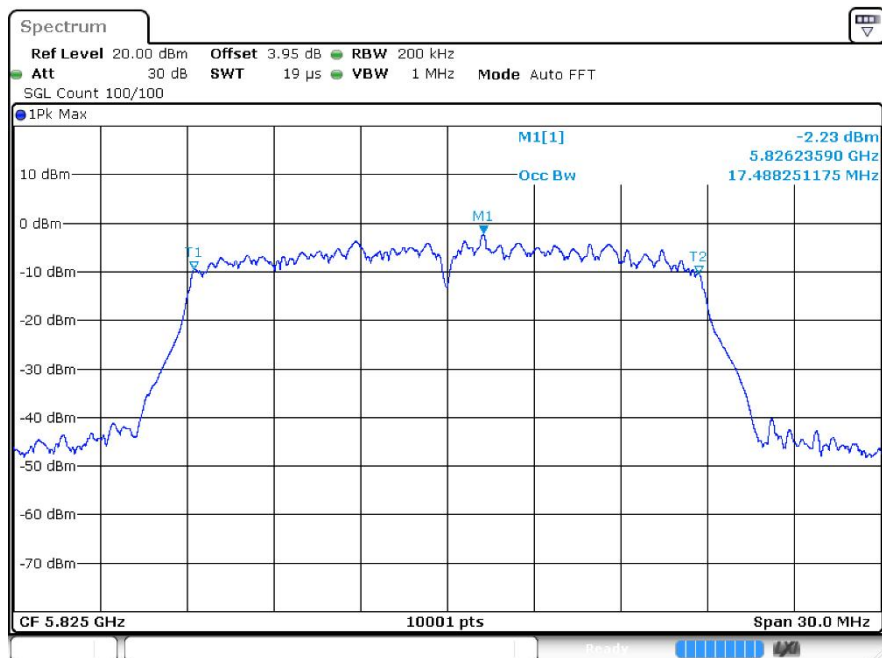
OBW n20 5745MHz Ant2



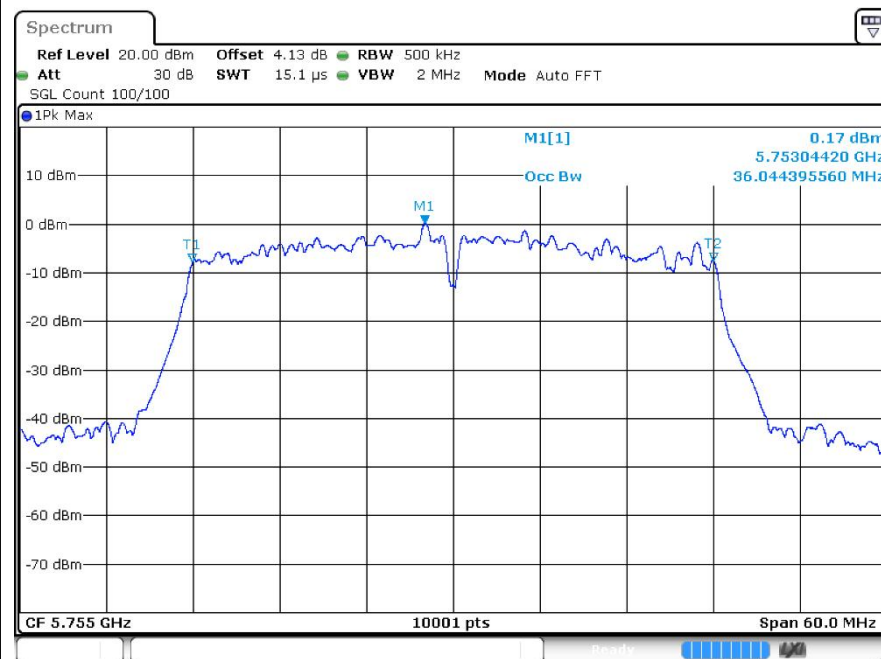
OBW n20 5785MHz Ant2



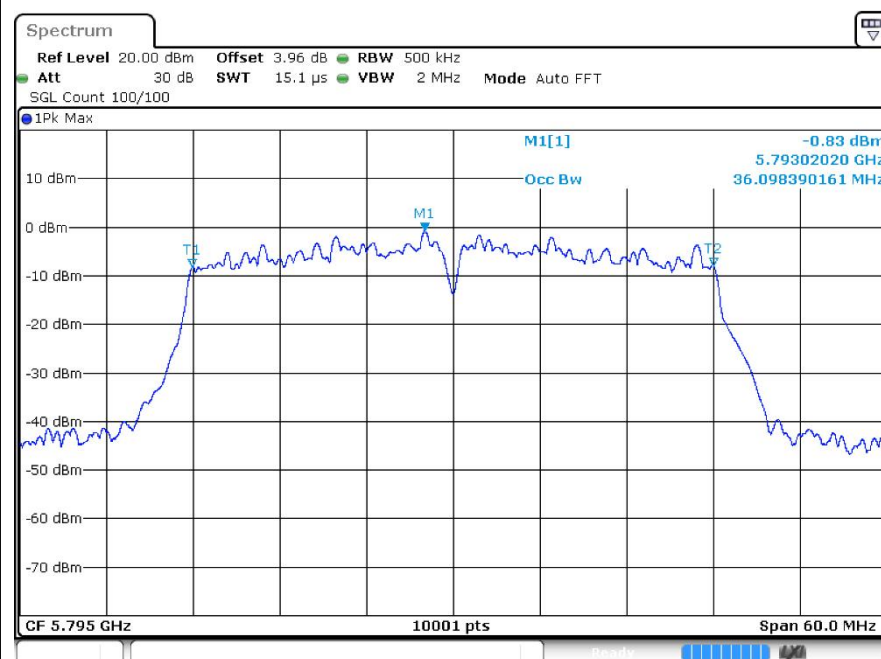
OBW n20 5825MHz Ant2



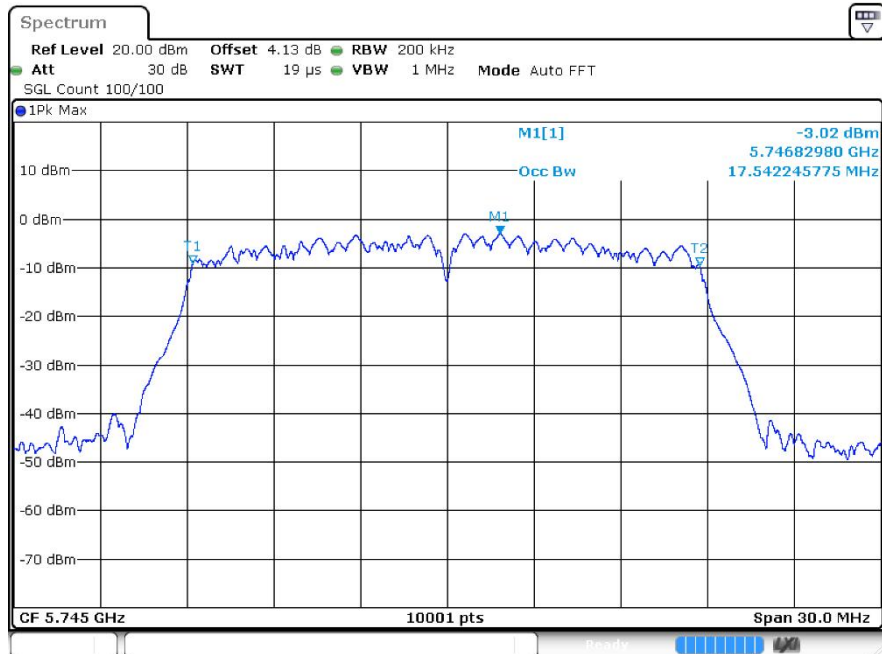
OBW n40 5755MHz Ant2



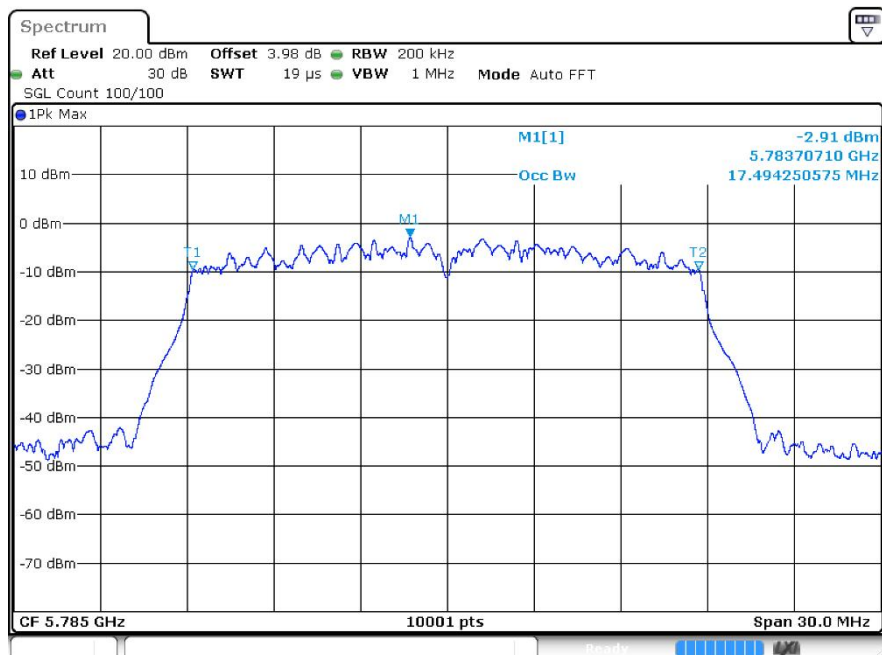
OBW n40 5795MHz Ant2



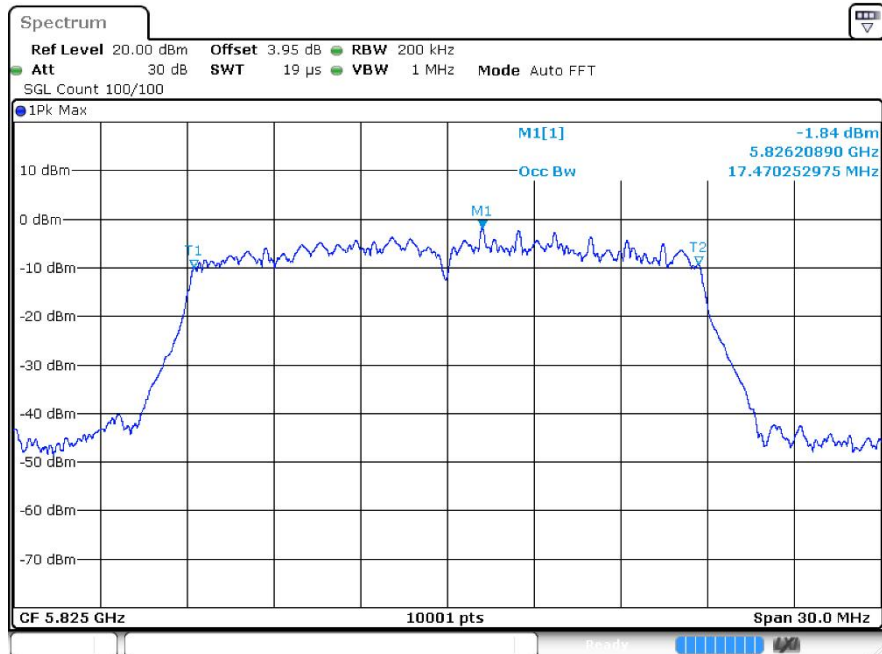
OBW ac20 5745MHz Ant2



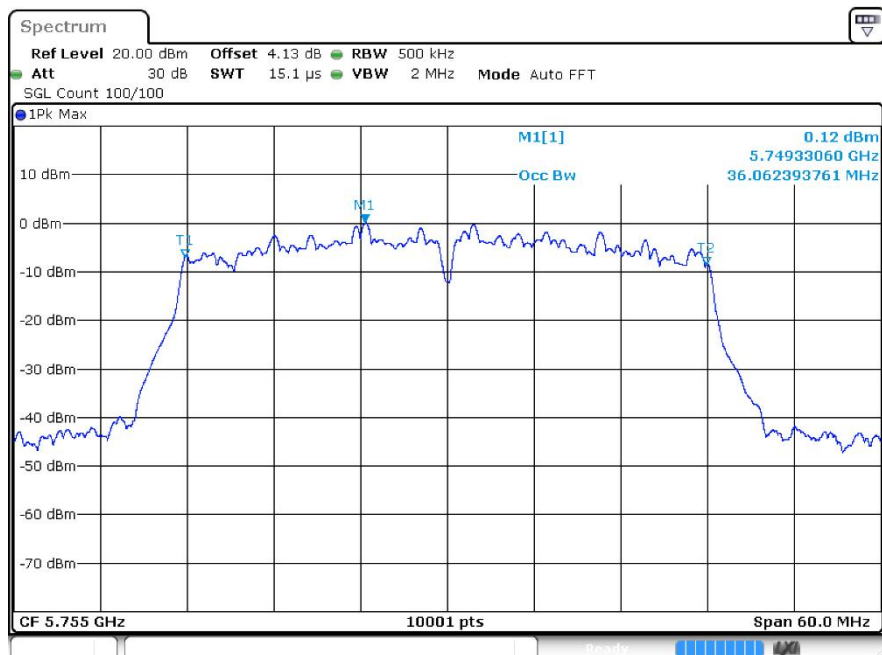
OBW ac20 5785MHz Ant2



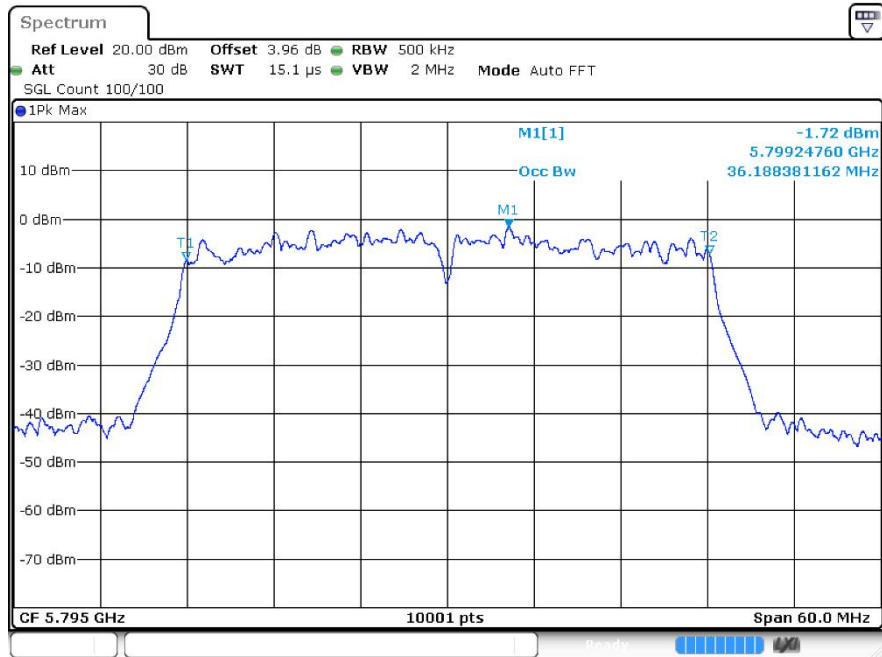
OBW ac20 5825MHz Ant2



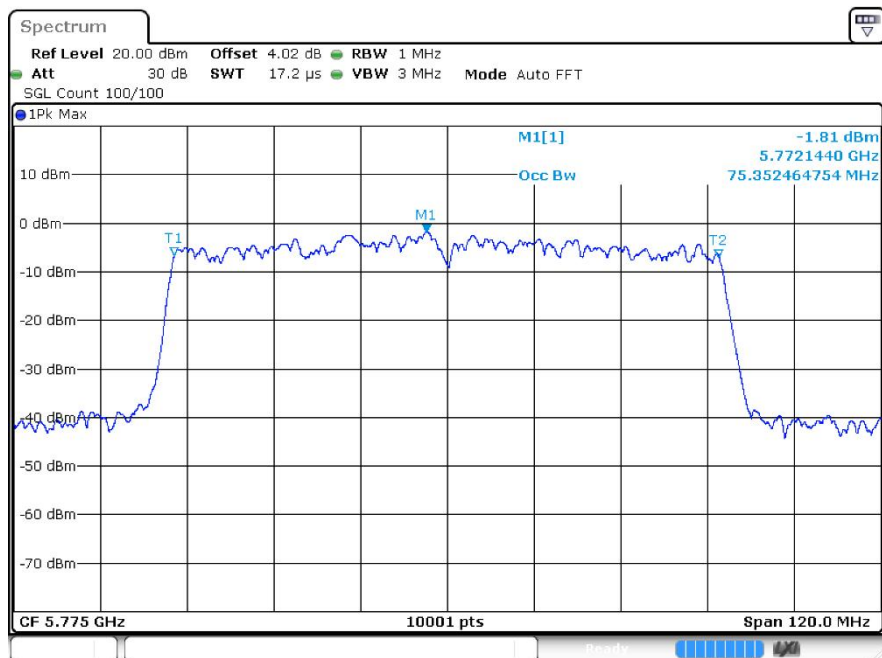
OBW ac40 5755MHz Ant2



OBW ac40 5795MHz Ant2



OBW ac80 5775MHz Ant2



5 Maximum Power Spectral Density Level

5.1 Test Result

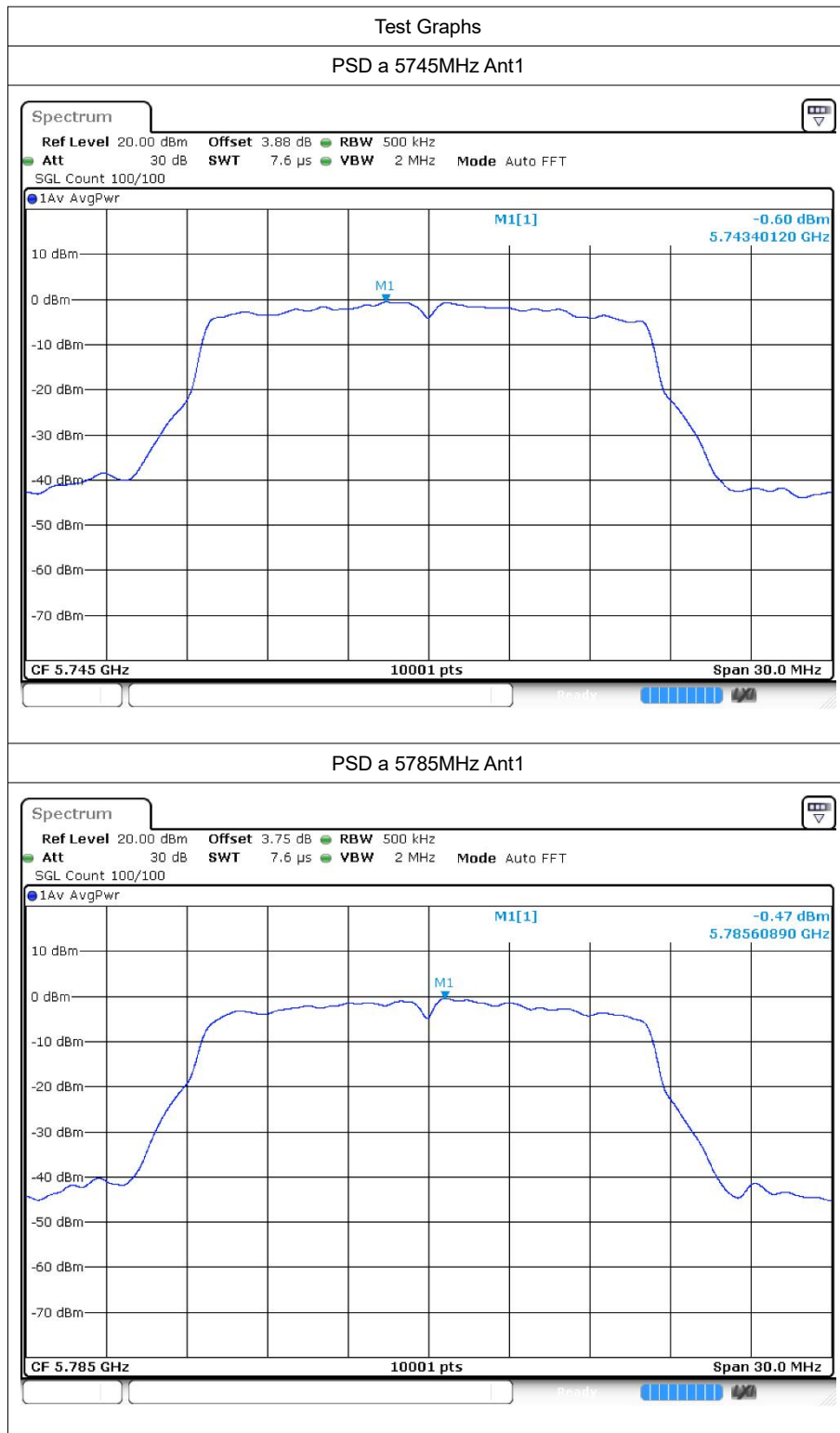
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	-0.6	0.11	-0.49	30	Pass
a	5785	Ant1	-0.47	0.11	-0.36	30	Pass
a	5825	Ant1	-1.61	0.11	-1.5	30	Pass
a	5745	Ant2	-0.08	0.11	0.03	30	Pass
a	5785	Ant2	-1.14	0.11	-1.03	30	Pass
a	5825	Ant2	-0.39	0.11	-0.28	30	Pass
n20	5745	Ant1	-6.29	0.11	-6.18	30	Pass
n20	5745	Ant2	-5.88	0.11	-5.77	30	Pass
n20	5745	Sum	-	-	-2.96	27.78	Pass
n20	5785	Ant1	-6.31	0.11	-6.2	30	Pass
n20	5785	Ant2	-5.63	0.11	-5.52	30	Pass
n20	5785	Sum	-	-	-2.84	27.78	Pass
n20	5825	Ant1	-7.76	0.11	-7.65	30	Pass
n20	5825	Ant2	-6.42	0.11	-6.31	30	Pass
n20	5825	Sum	-	-	-3.92	27.78	Pass
n40	5755	Ant1	-9.58	0.22	-9.36	30	Pass
n40	5755	Ant2	-8.23	0.22	-8.01	30	Pass
n40	5755	Sum	-	-	-5.62	27.78	Pass
n40	5795	Ant1	-9.14	0.22	-8.92	30	Pass
n40	5795	Ant2	-9.6	0.22	-9.38	30	Pass
n40	5795	Sum	-	-	-6.13	27.78	Pass
ac20	5745	Ant1	-6.47	0.11	-6.36	30	Pass
ac20	5745	Ant2	-5.79	0.11	-5.68	30	Pass
ac20	5745	Sum	-	-	-3.00	27.78	Pass
ac20	5785	Ant1	-6.21	0.11	-6.1	30	Pass
ac20	5785	Ant2	-6.15	0.11	-6.04	30	Pass
ac20	5785	Sum	-	-	-3.06	27.78	Pass
ac20	5825	Ant1	-7.32	0.11	-7.21	30	Pass
ac20	5825	Ant2	-5.89	0.11	-5.78	30	Pass
ac20	5825	Sum	-	-	-3.43	27.78	Pass
ac40	5755	Ant1	-9.25	0.22	-9.03	30	Pass
ac40	5755	Ant2	-8.71	0.22	-8.49	30	Pass
ac40	5755	Sum	-	-	-5.74	27.78	Pass
ac40	5795	Ant1	-9.34	0.22	-9.12	30	Pass



ac40	5795	Ant2	-9.07	0.22	-8.85	30	Pass
ac40	5795	Sum	-	-	-5.97	27.78	Pass
ac80	5775	Ant1	-12.41	0.41	-12	30	Pass
ac80	5775	Ant2	-12.68	0.41	-12.27	30	Pass
ac80	5775	Sum	-	-	-9.12	27.78	Pass

Note: The MIMO gain of antenna is 8.22 dBi, which exceeds 6 dBi. Limit = 30 - (8.22 - 6) = 27.78 dBm

5.2 Test Graphs



PSD a 5825MHz Ant1



PSD a 5745MHz Ant2

