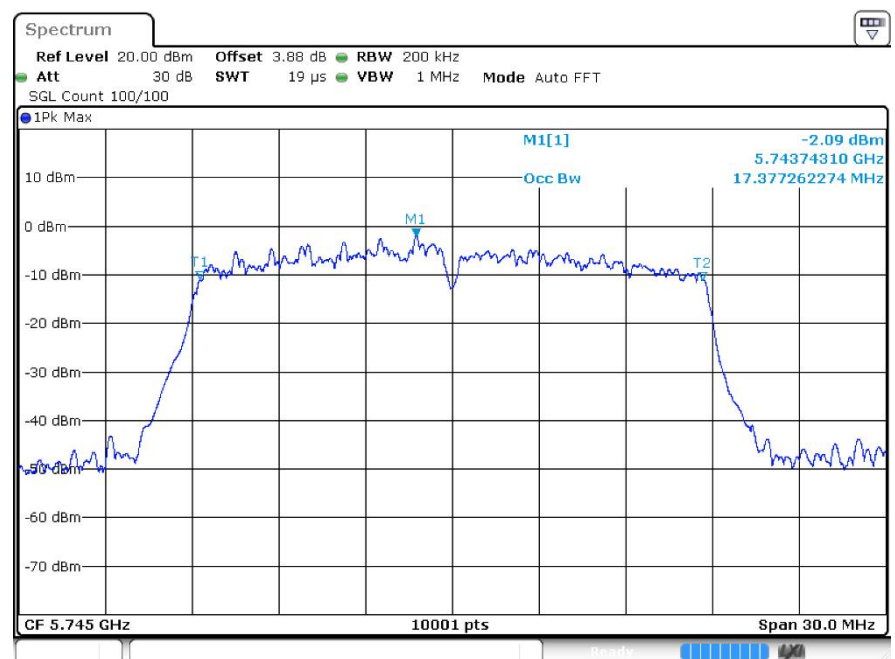
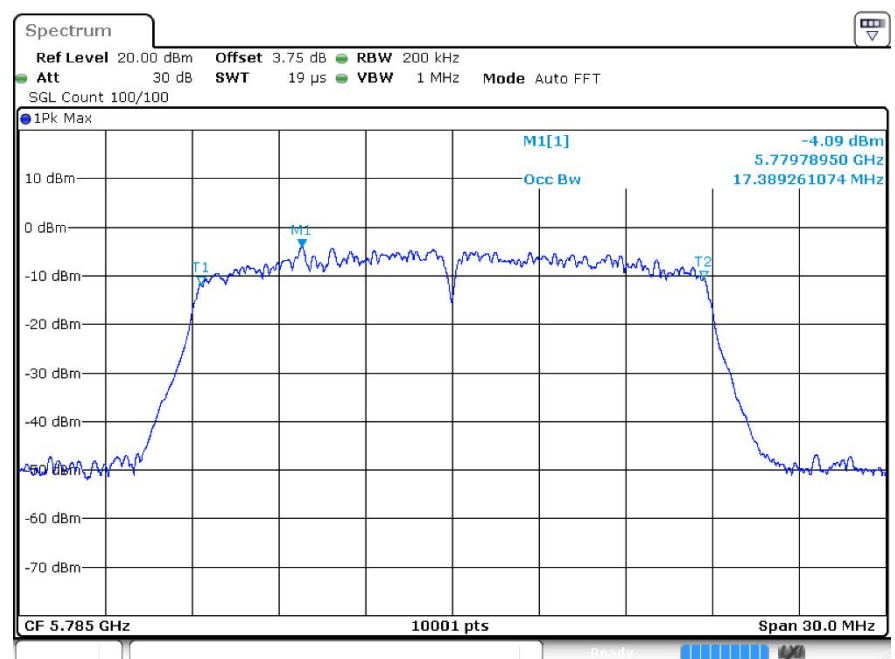


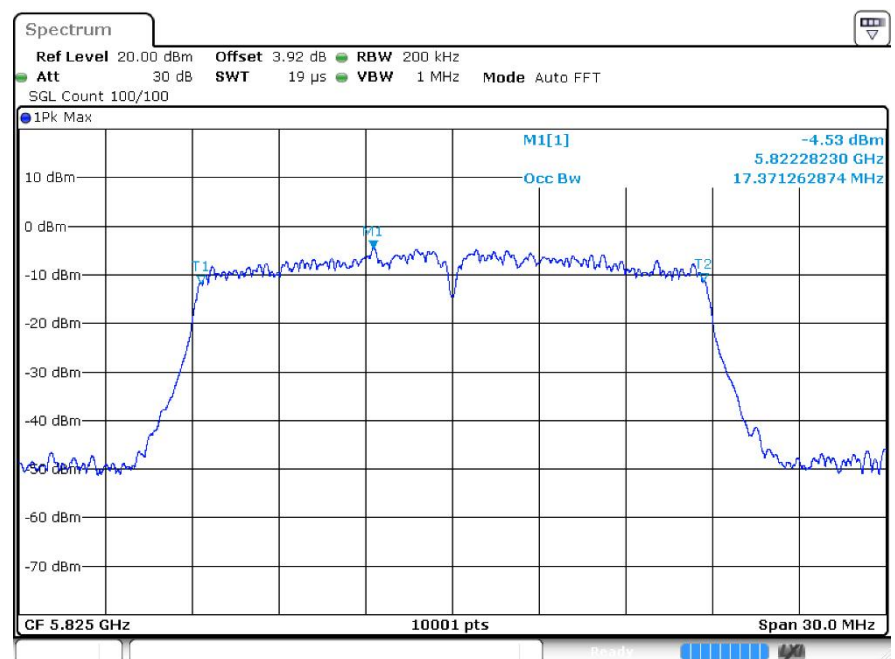
OBW ac20 5745MHz Ant1



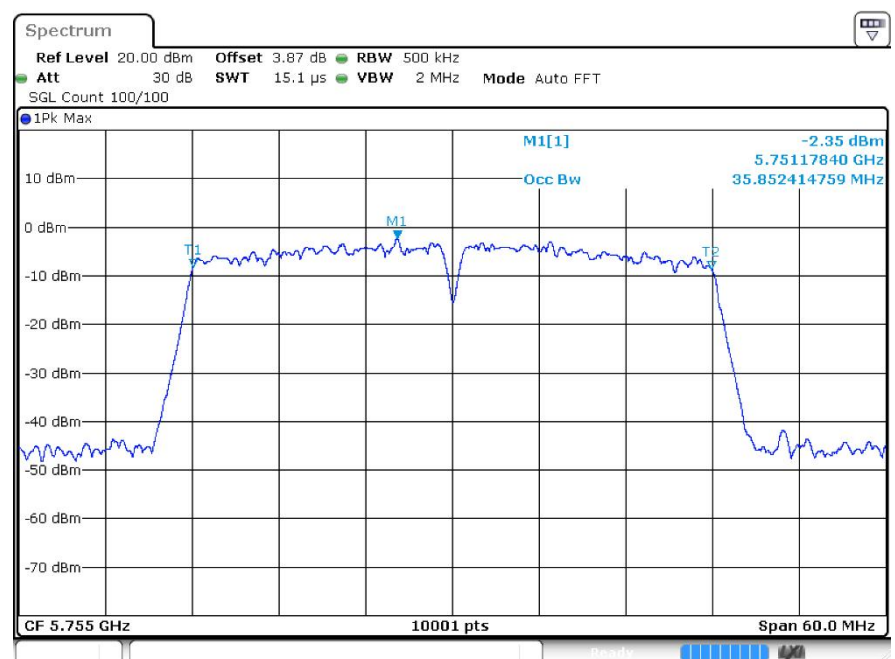
OBW ac20 5785MHz Ant1



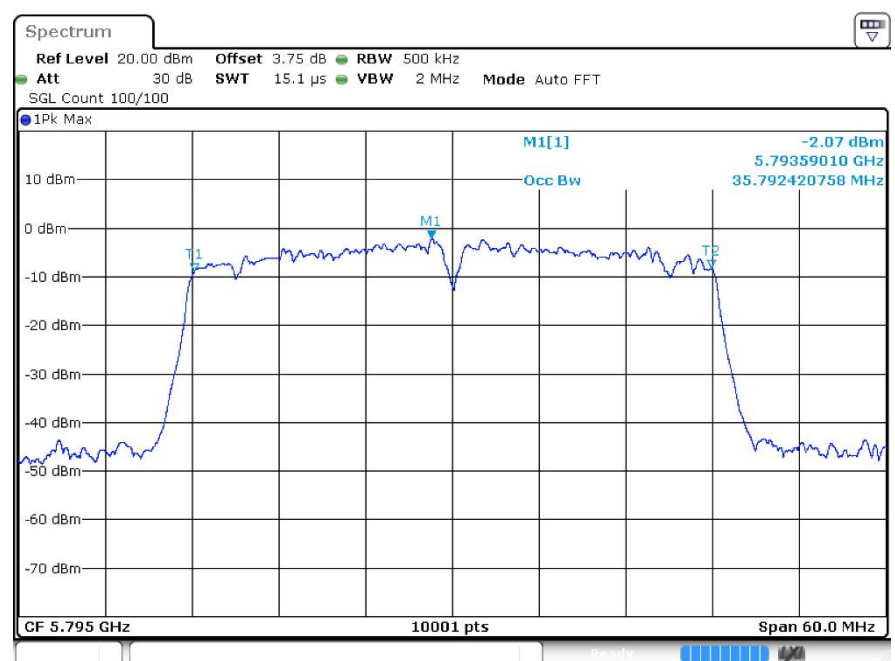
OBW ac20 5825MHz Ant1



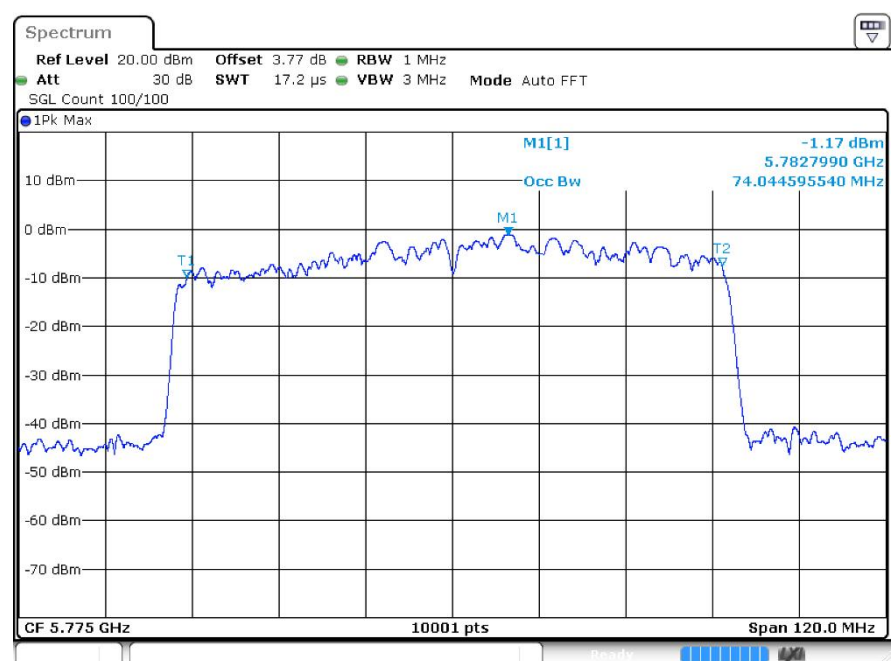
OBW ac40 5755MHz Ant1



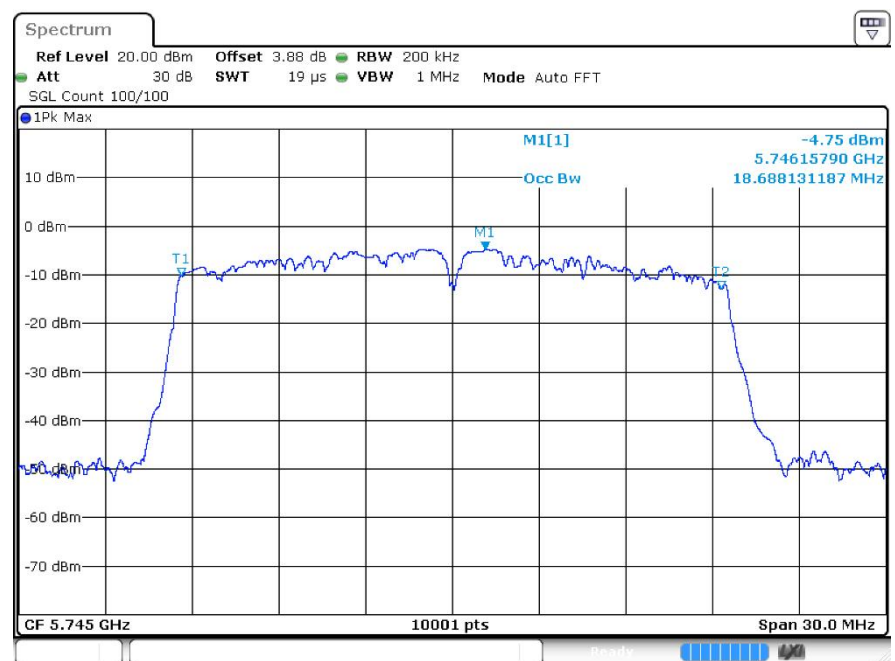
OBW ac40 5795MHz Ant1



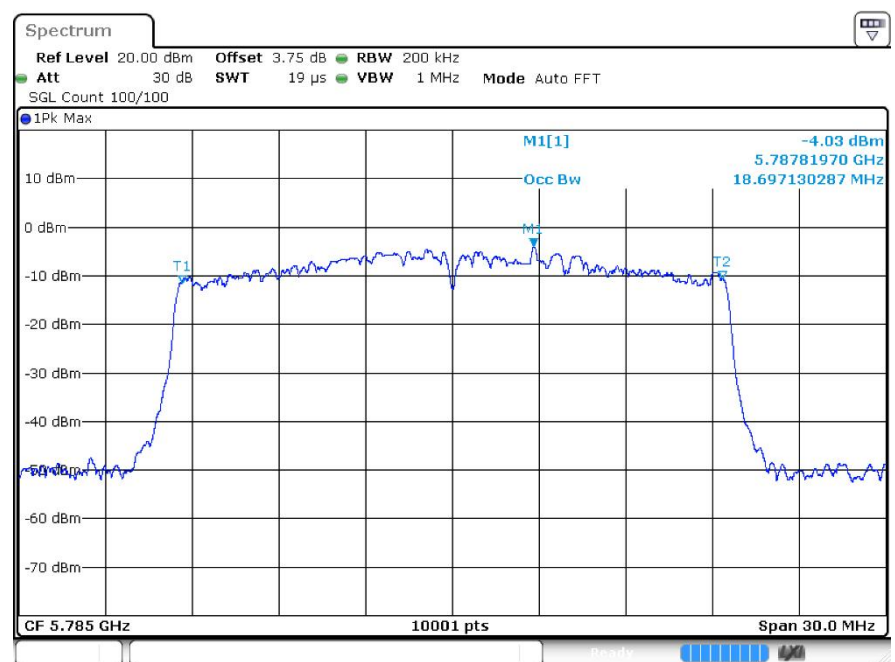
OBW ac80 5775MHz Ant1



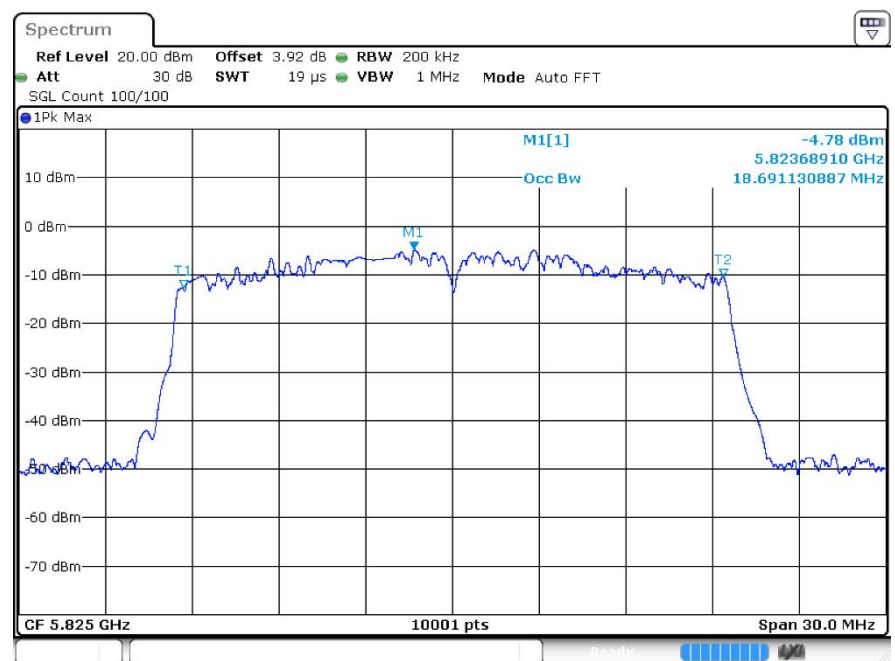
OBW ax20 5745MHz Ant1



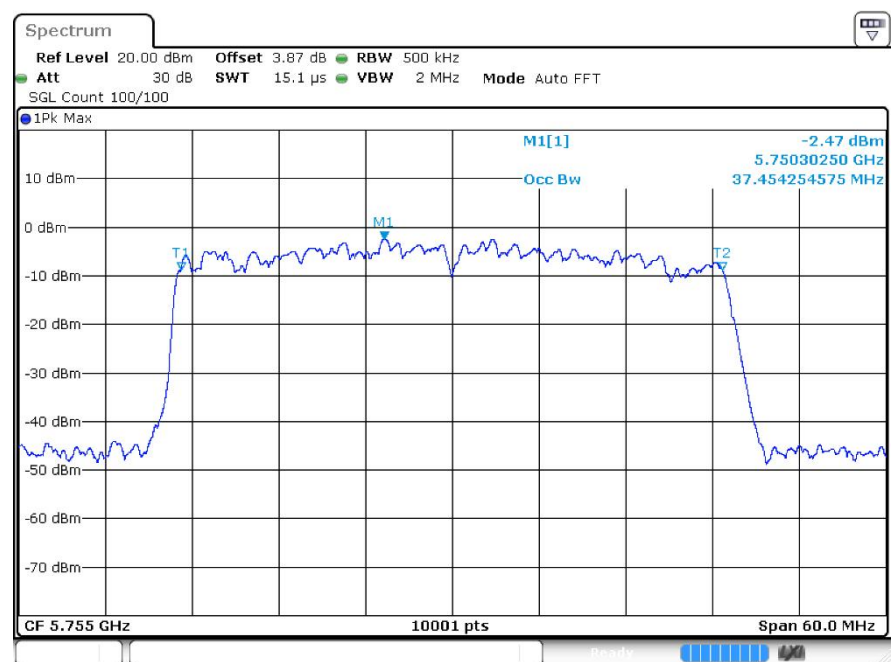
OBW ax20 5785MHz Ant1



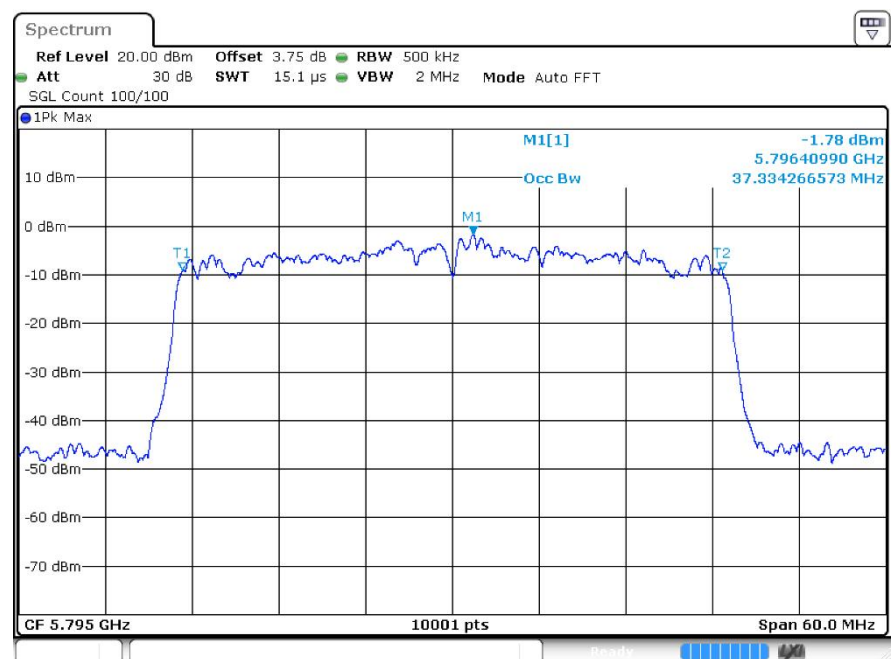
OBW ax20 5825MHz Ant1



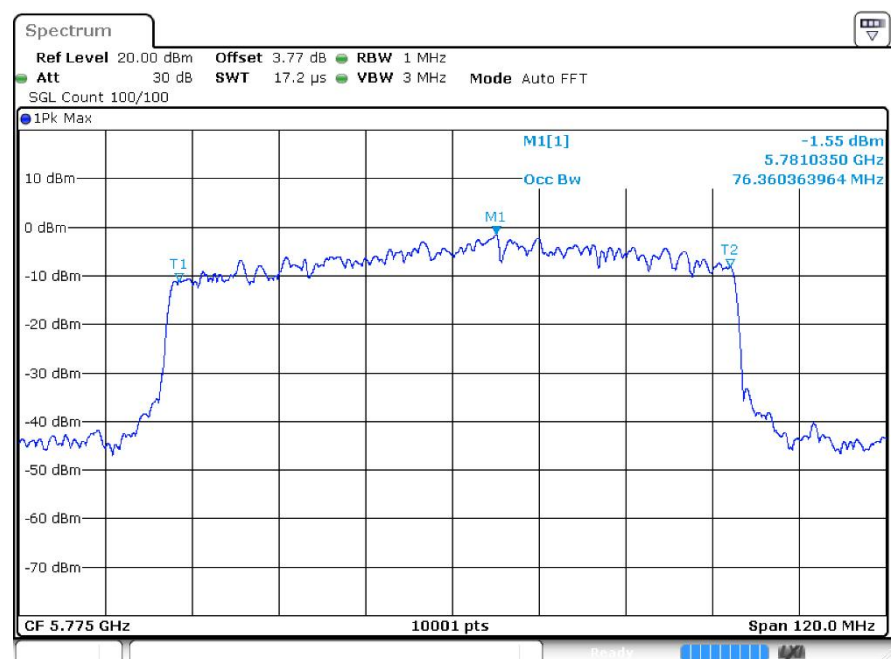
OBW ax40 5755MHz Ant1



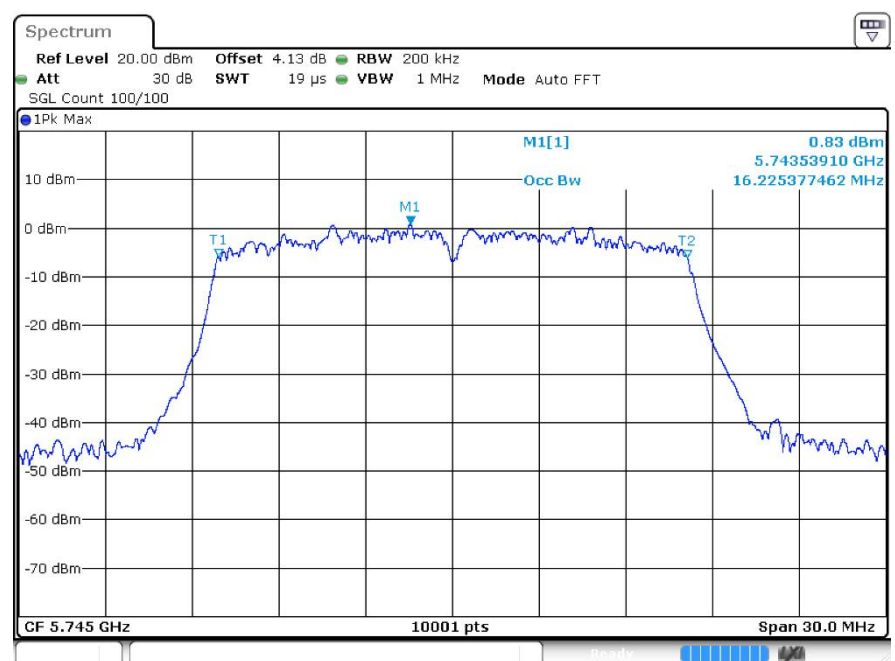
OBW ax40 5795MHz Ant1



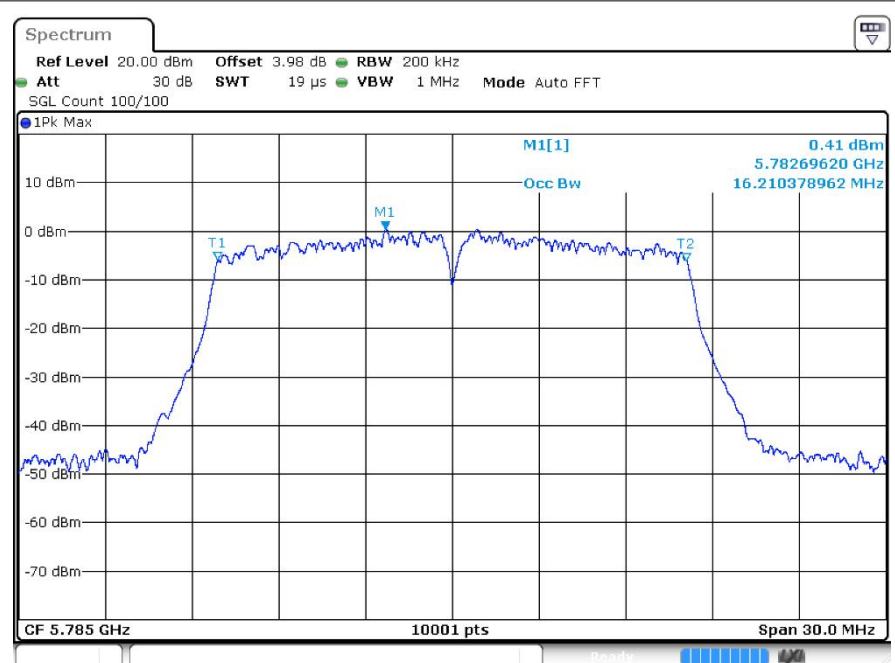
OBW ax80 5775MHz Ant1



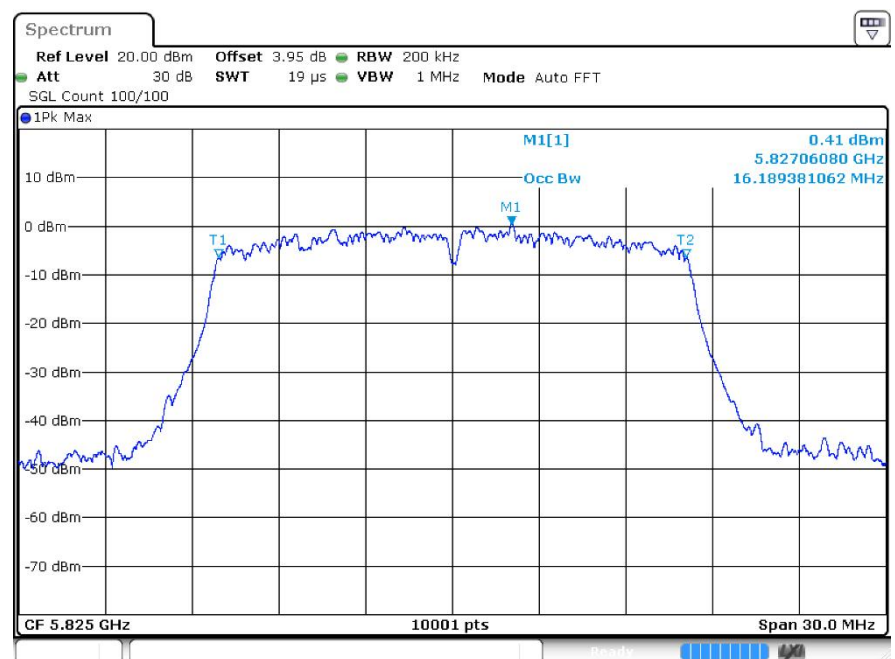
OBW a 5745MHz Ant2



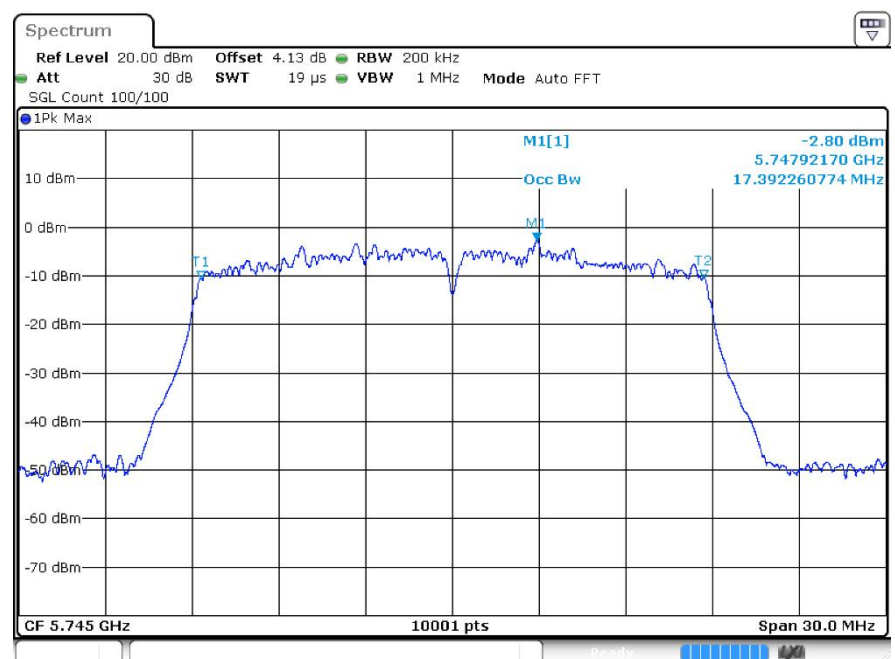
OBW a 5785MHz Ant2



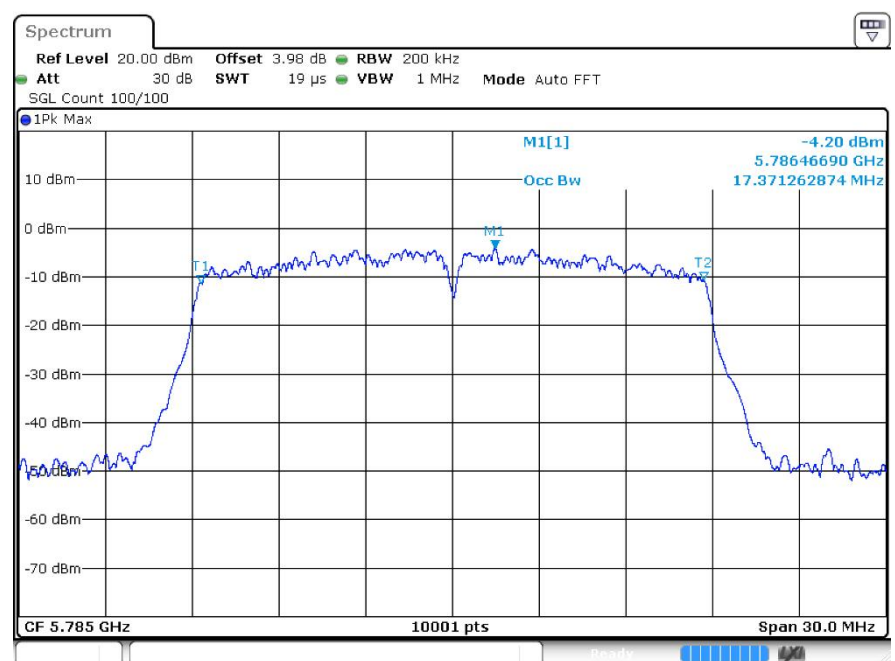
OBW a 5825MHz Ant2



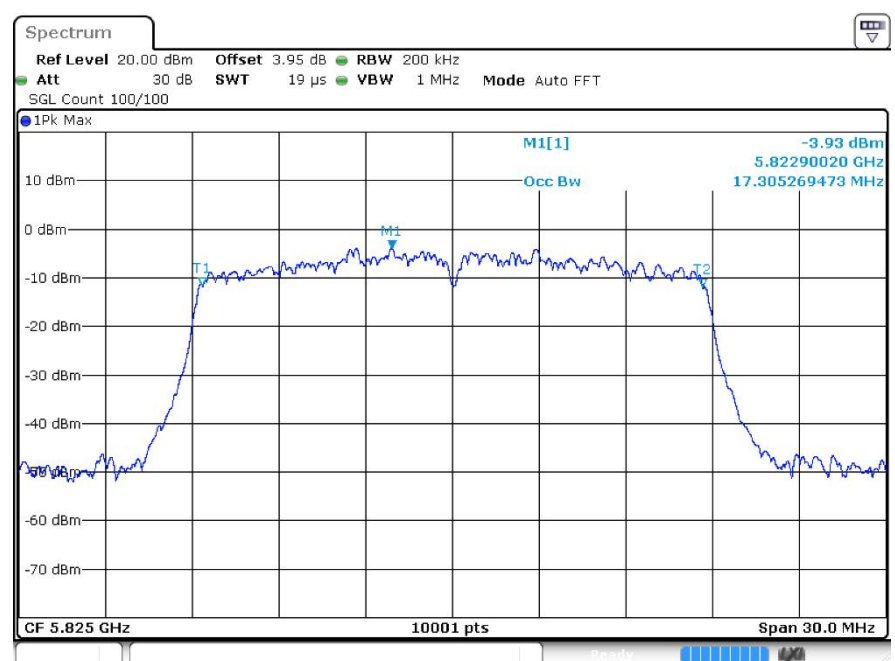
OBW n20 5745MHz Ant2



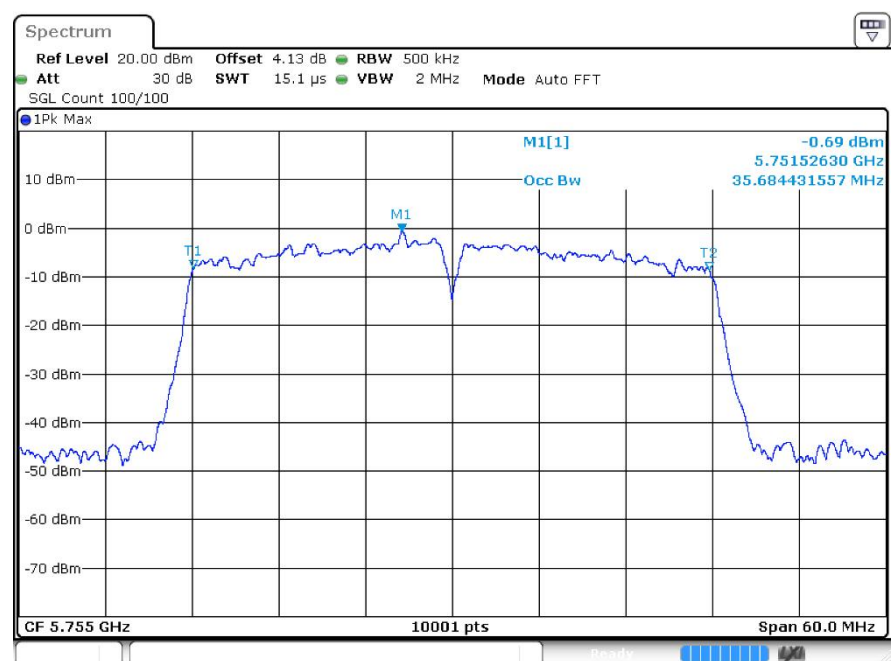
OBW n20 5785MHz Ant2



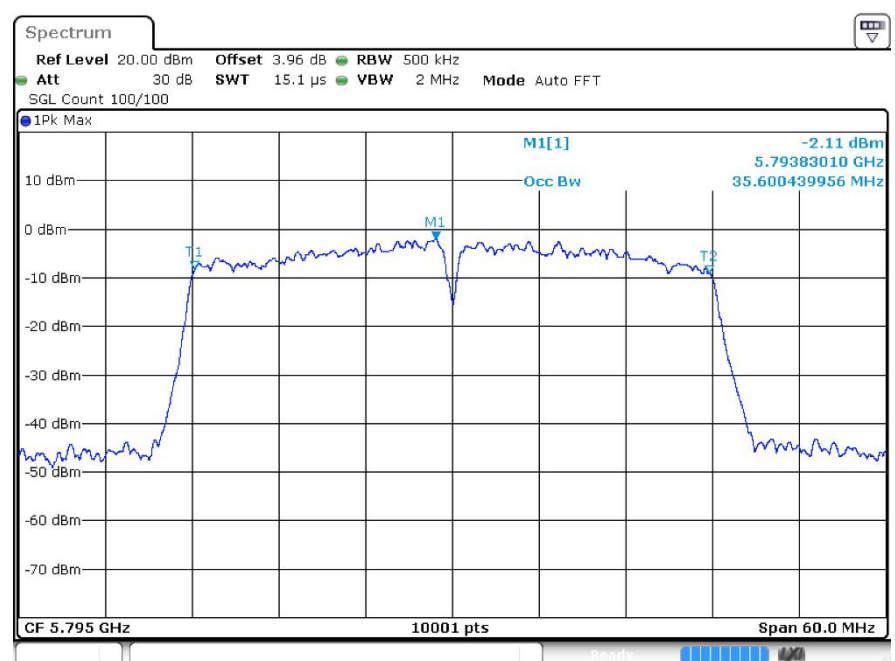
OBW n20 5825MHz Ant2



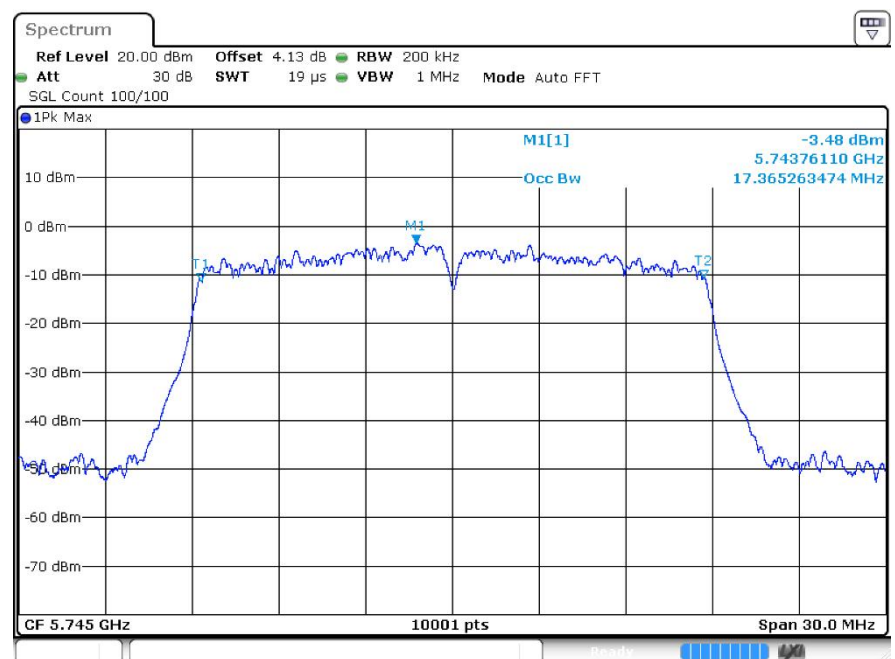
OBW n40 5755MHz Ant2



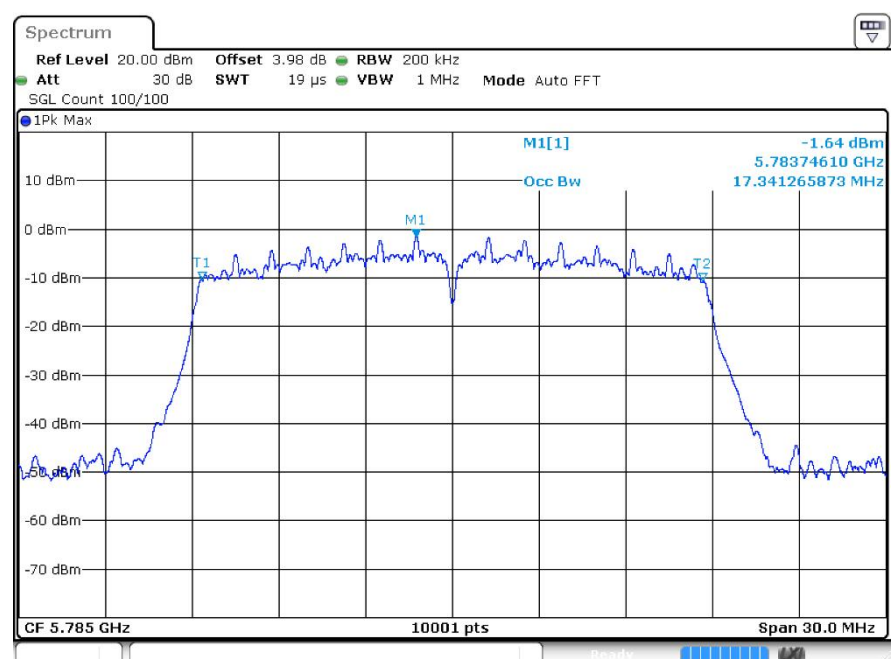
OBW n40 5795MHz Ant2



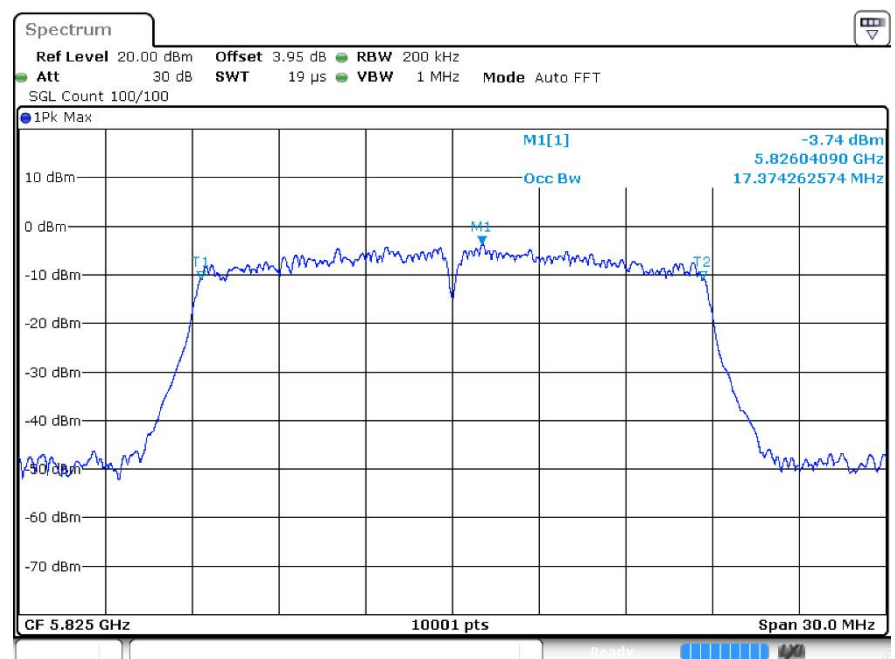
OBW ac20 5745MHz Ant2



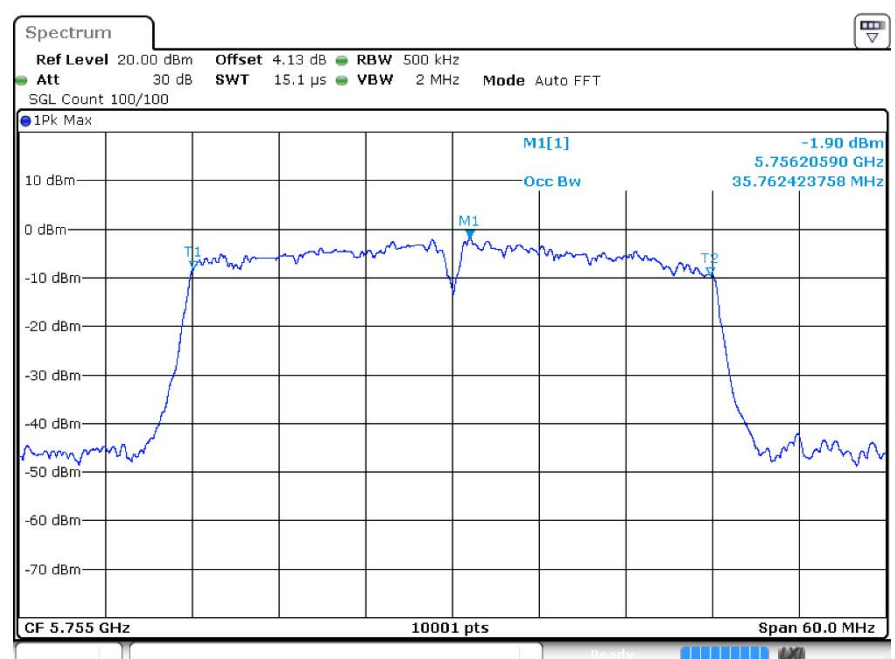
OBW ac20 5785MHz Ant2



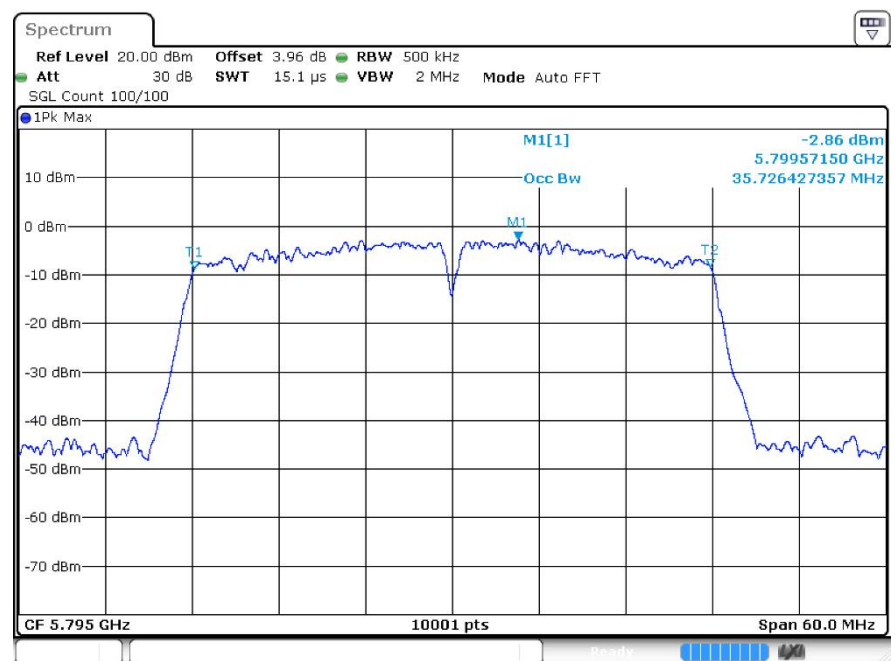
OBW ac20 5825MHz Ant2



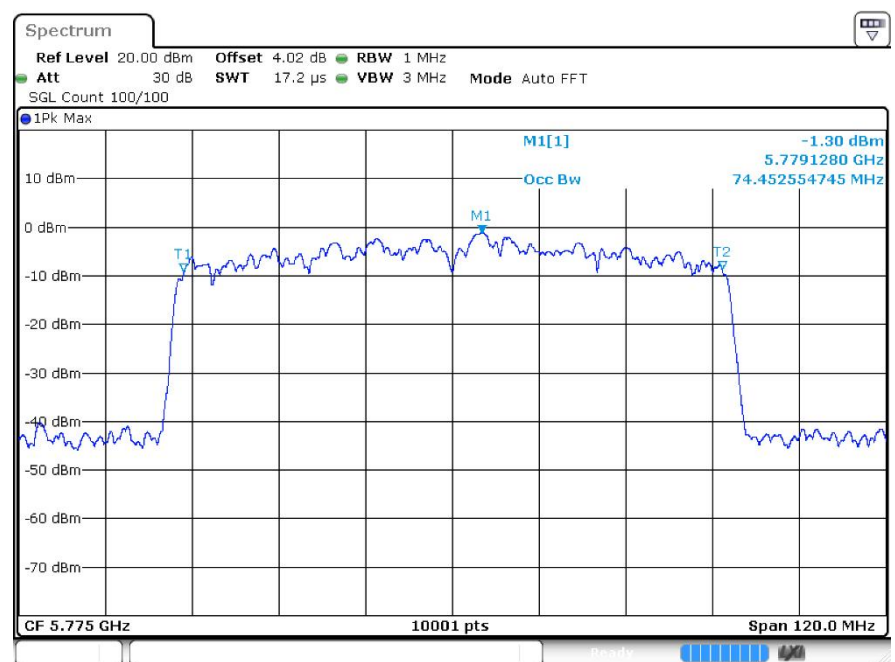
OBW ac40 5755MHz Ant2



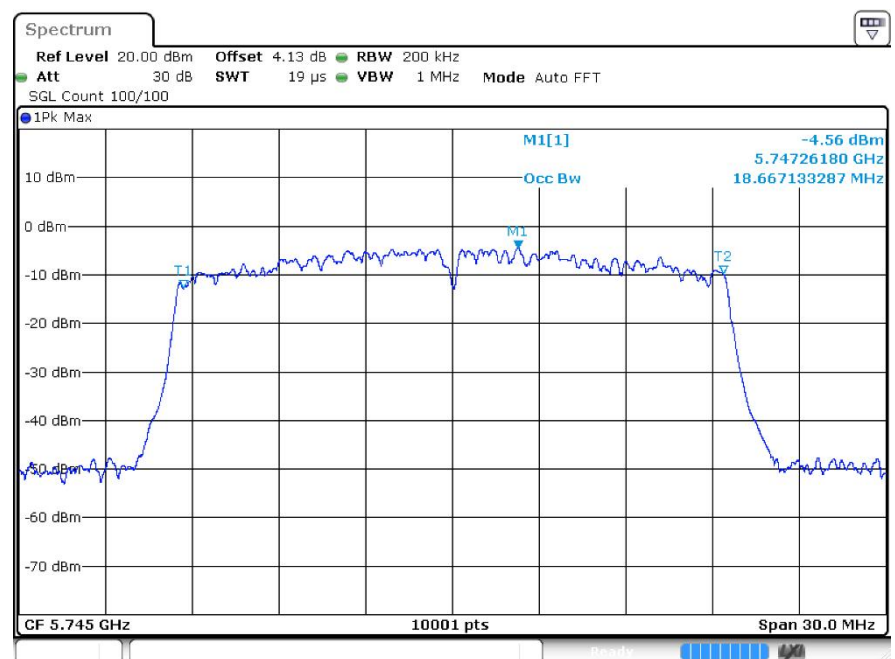
OBW ac40 5795MHz Ant2



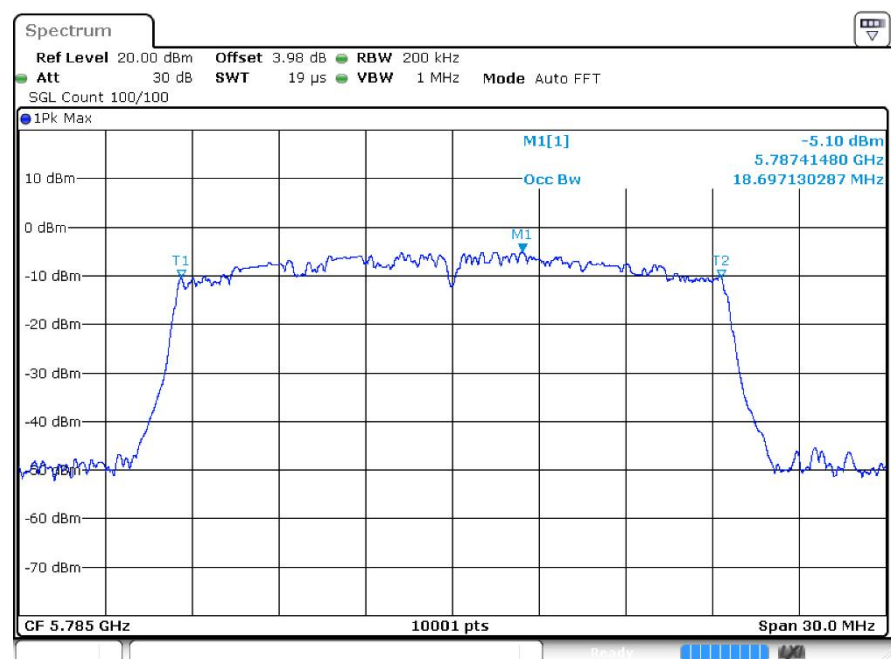
OBW ac80 5775MHz Ant2



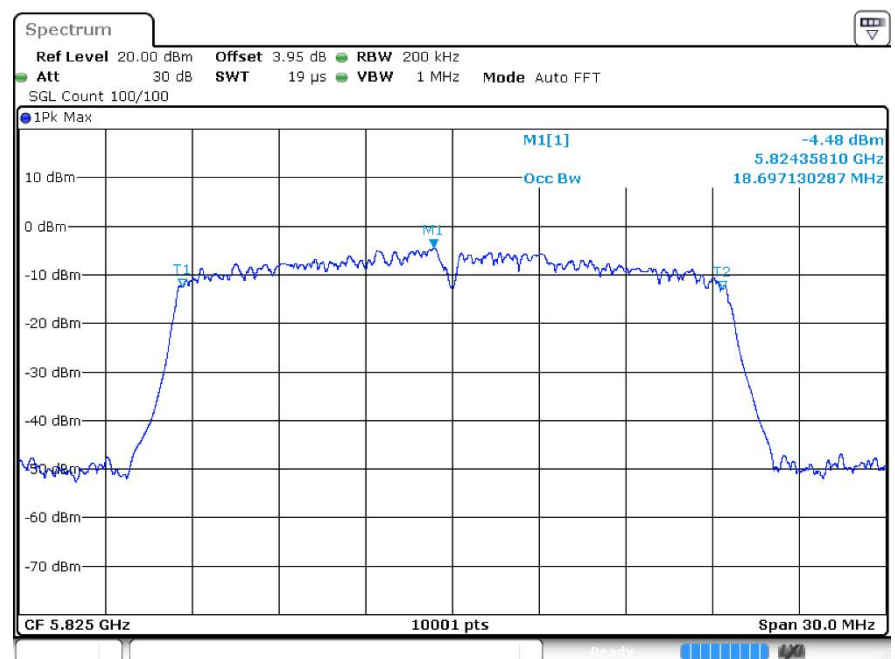
OBW ax20 5745MHz Ant2



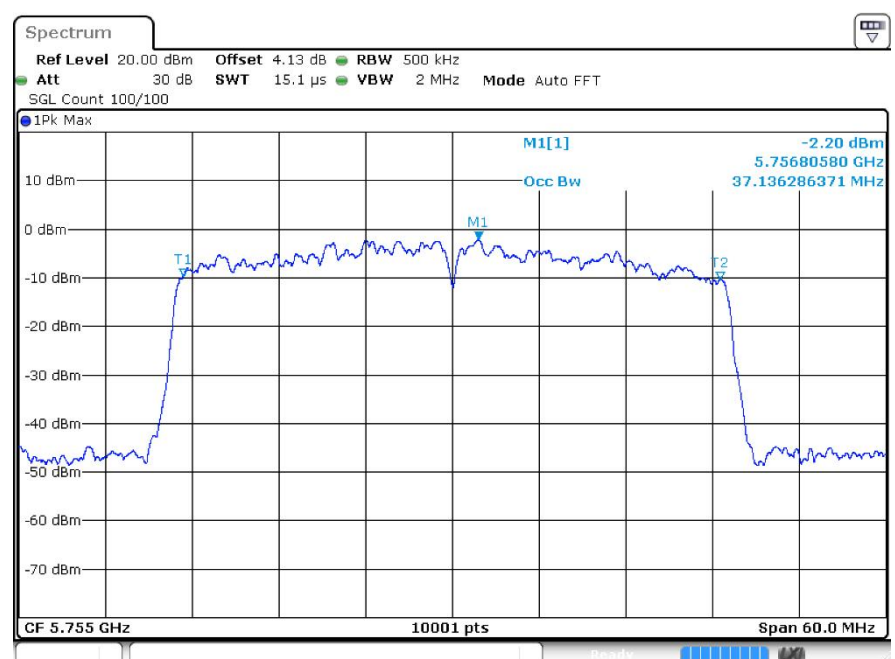
OBW ax20 5785MHz Ant2



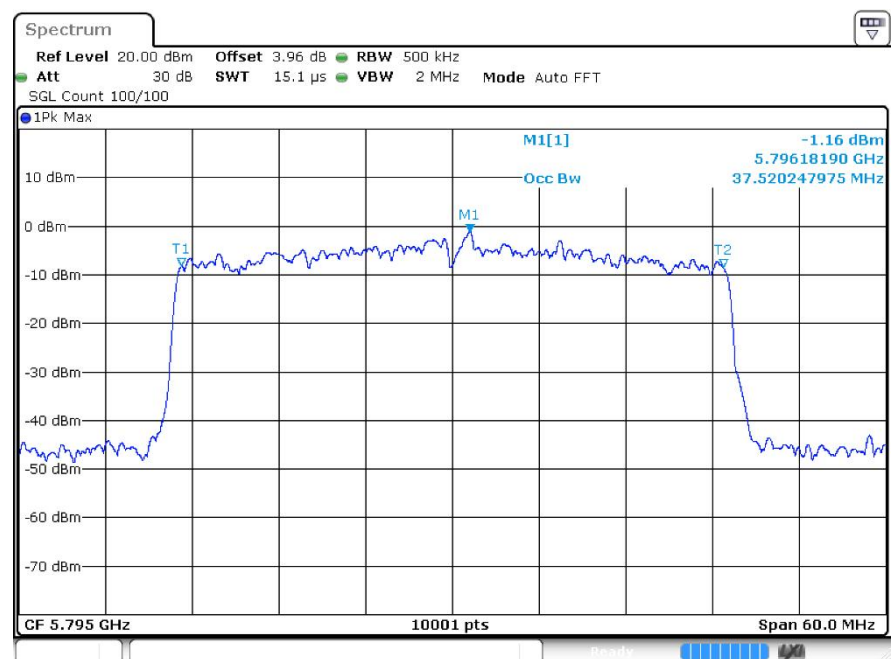
OBW ax20 5825MHz Ant2



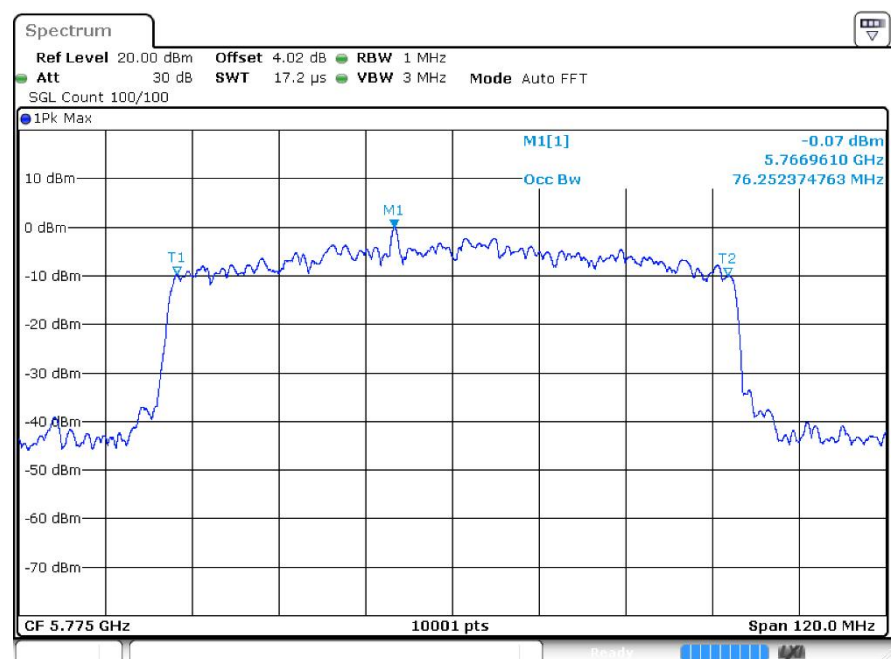
OBW ax40 5755MHz Ant2



OBW ax40 5795MHz Ant2



OBW ax80 5775MHz Ant2



5 Maximum Power Spectral Density Level

5.1 Test Result

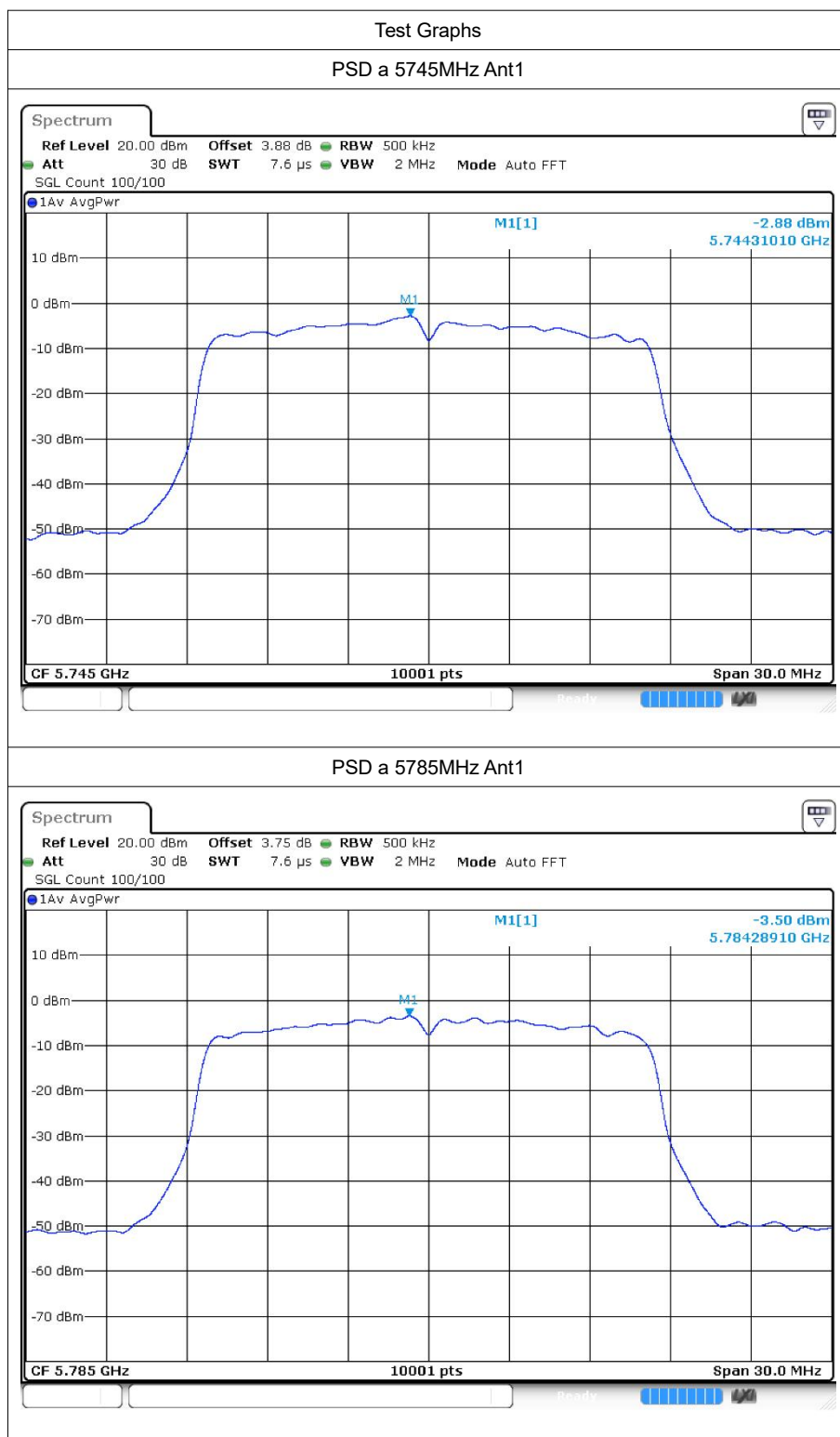
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	-2.88	2.1	-0.78	30	Pass
a	5785	Ant1	-3.5	2.17	-1.33	30	Pass
a	5825	Ant1	-3.63	2.03	-1.6	30	Pass
a	5745	Ant2	-3.2	2.08	-1.12	30	Pass
a	5785	Ant2	-3.24	2.17	-1.07	30	Pass
a	5825	Ant2	-3.91	2.06	-1.85	30	Pass
n20	5745	Ant1	-7.93	2.21	-5.72	30	Pass
n20	5745	Ant2	-7.43	2.21	-5.22	30	Pass
n20	5745	Sum	-	-	-2.45	29.86	Pass
n20	5785	Ant1	-7.16	2.21	-4.95	30	Pass
n20	5785	Ant2	-8.17	2.23	-5.94	30	Pass
n20	5785	Sum	-	-	-2.41	29.86	Pass
n20	5825	Ant1	-7.42	2.23	-5.19	30	Pass
n20	5825	Ant2	-7.96	2.21	-5.75	30	Pass
n20	5825	Sum	-	-	-2.45	29.86	Pass
n40	5755	Ant1	-10.27	2.27	-8	30	Pass
n40	5755	Ant2	-10.44	2.34	-8.1	30	Pass
n40	5755	Sum	-	-	-5.04	29.86	Pass
n40	5795	Ant1	-10.46	2.21	-8.25	30	Pass
n40	5795	Ant2	-10.45	2.25	-8.2	30	Pass
n40	5795	Sum	-	-	-5.21	29.86	Pass
ac20	5745	Ant1	-7.08	2.21	-4.87	30	Pass
ac20	5745	Ant2	-7.83	2.21	-5.62	30	Pass
ac20	5745	Sum	-	-	-2.22	29.86	Pass
ac20	5785	Ant1	-8.55	2.22	-6.33	30	Pass
ac20	5785	Ant2	-8.08	2.22	-5.86	30	Pass
ac20	5785	Sum	-	-	-3.08	29.86	Pass
ac20	5825	Ant1	-8.54	2.22	-6.32	30	Pass
ac20	5825	Ant2	-8.01	2.22	-5.79	30	Pass
ac20	5825	Sum	-	-	-3.04	29.86	Pass
ac40	5755	Ant1	-10.21	2.34	-7.87	30	Pass
ac40	5755	Ant2	-10.28	2.27	-8.01	30	Pass
ac40	5755	Sum	-	-	-4.93	29.86	Pass
ac40	5795	Ant1	-10.36	2.21	-8.15	30	Pass



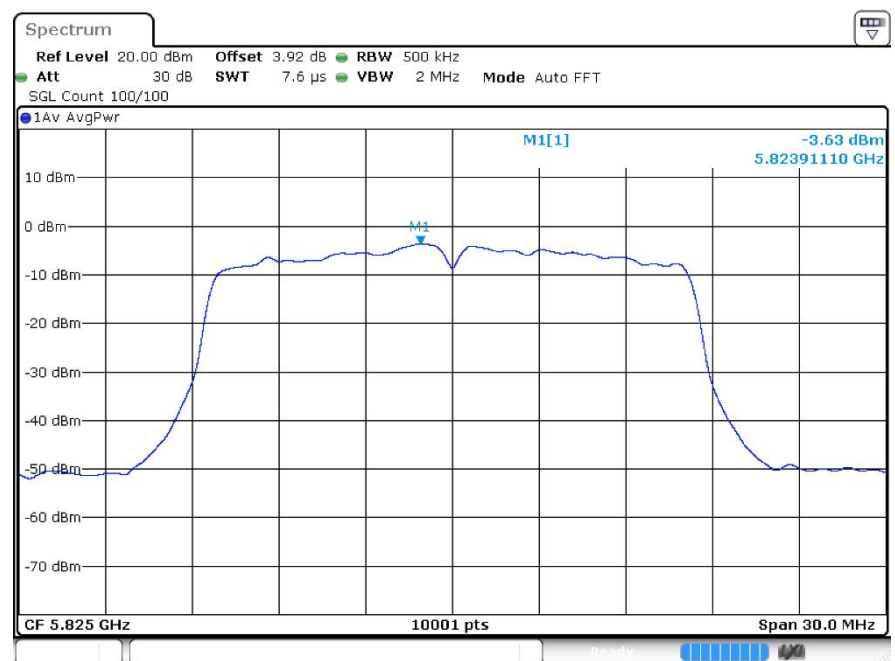
ac40	5795	Ant2	-10.38	2.21	-8.17	30	Pass
ac40	5795	Sum	-	-	-5.15	29.86	Pass
ac80	5775	Ant1	-13.28	2.44	-10.84	30	Pass
ac80	5775	Ant2	-13.76	2.42	-11.34	30	Pass
ac80	5775	Sum	-	-	-8.07	29.86	Pass
ax20	5745	Ant1	-9.55	2.42	-7.13	30	Pass
ax20	5745	Ant2	-8.58	2.39	-6.19	30	Pass
ax20	5745	Sum	-	-	-3.62	29.86	Pass
ax20	5785	Ant1	-9.46	2.4	-7.06	30	Pass
ax20	5785	Ant2	-9.3	2.39	-6.91	30	Pass
ax20	5785	Sum	-	-	-3.97	29.86	Pass
ax20	5825	Ant1	-9.82	2.42	-7.4	30	Pass
ax20	5825	Ant2	-9.27	2.42	-6.85	30	Pass
ax20	5825	Sum	-	-	-4.11	29.86	Pass
ax40	5755	Ant1	-11.4	2.43	-8.97	30	Pass
ax40	5755	Ant2	-11.34	2.42	-8.92	30	Pass
ax40	5755	Sum	-	-	-5.93	29.86	Pass
ax40	5795	Ant1	-11.56	2.39	-9.17	30	Pass
ax40	5795	Ant2	-11.1	2.39	-8.71	30	Pass
ax40	5795	Sum	-	-	-5.92	29.86	Pass
ax80	5775	Ant1	-15.09	2.42	-12.67	30	Pass
ax80	5775	Ant2	-14.62	2.6	-12.02	30	Pass
ax80	5775	Sum	-	-	-9.32	29.86	Pass

Note: The MIMO gain of antenna is 6.14 dBi, which exceeds 6 dBi. Limit = 30 - (6.14 - 6) = 29.86 dBm

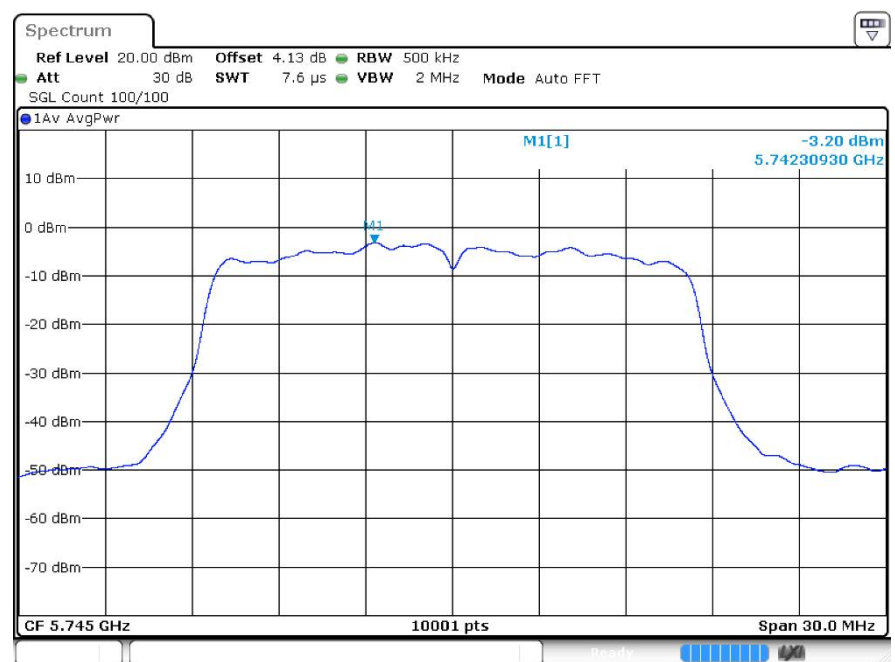
5.2 Test Graphs



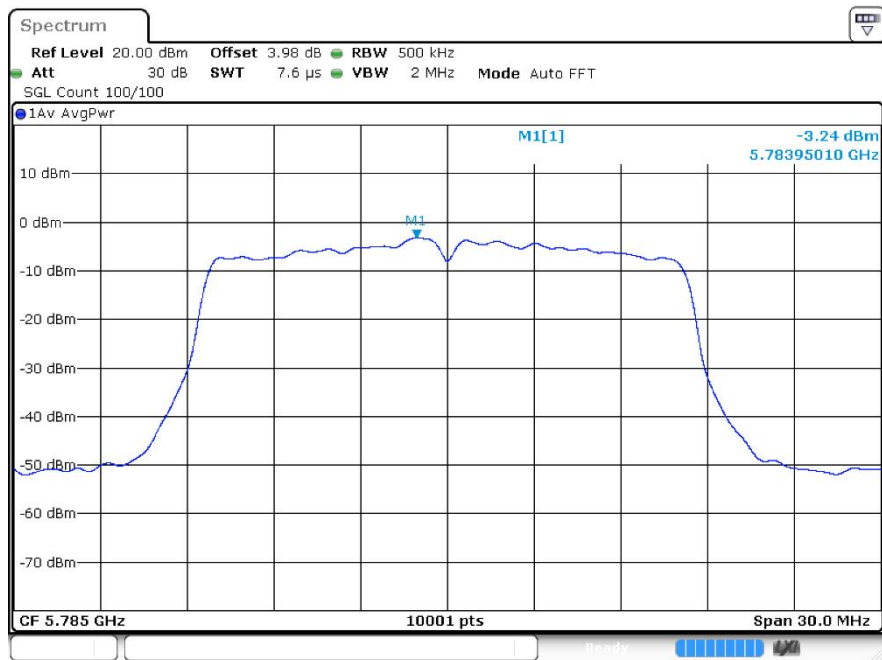
PSD a 5825MHz Ant1



PSD a 5745MHz Ant2



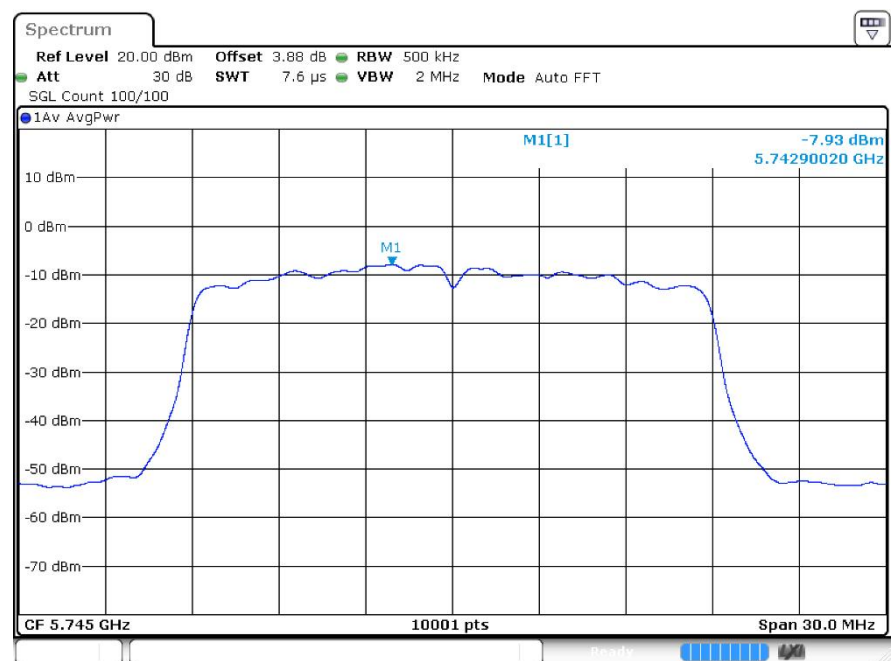
PSD a 5785MHz Ant2



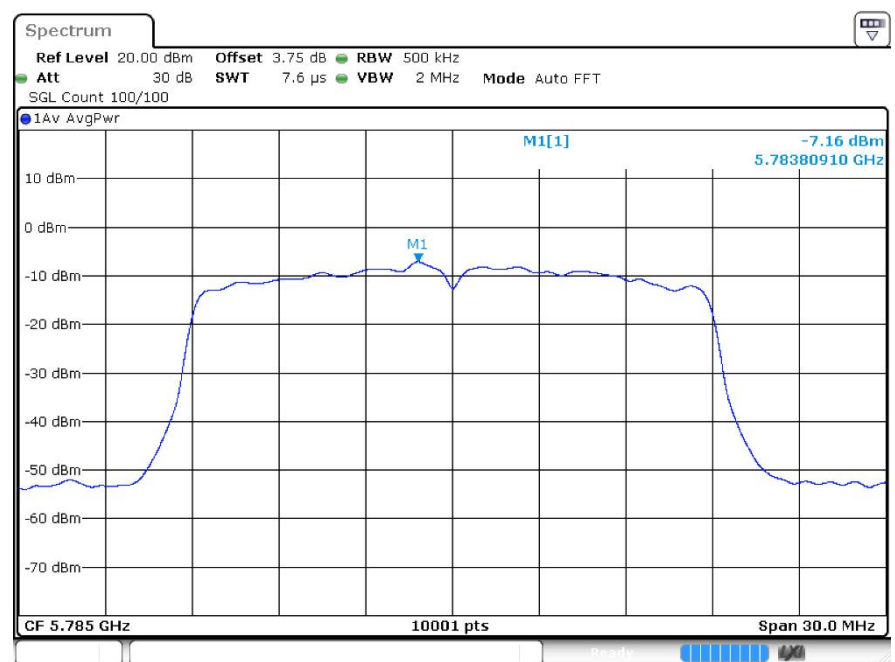
PSD a 5825MHz Ant2



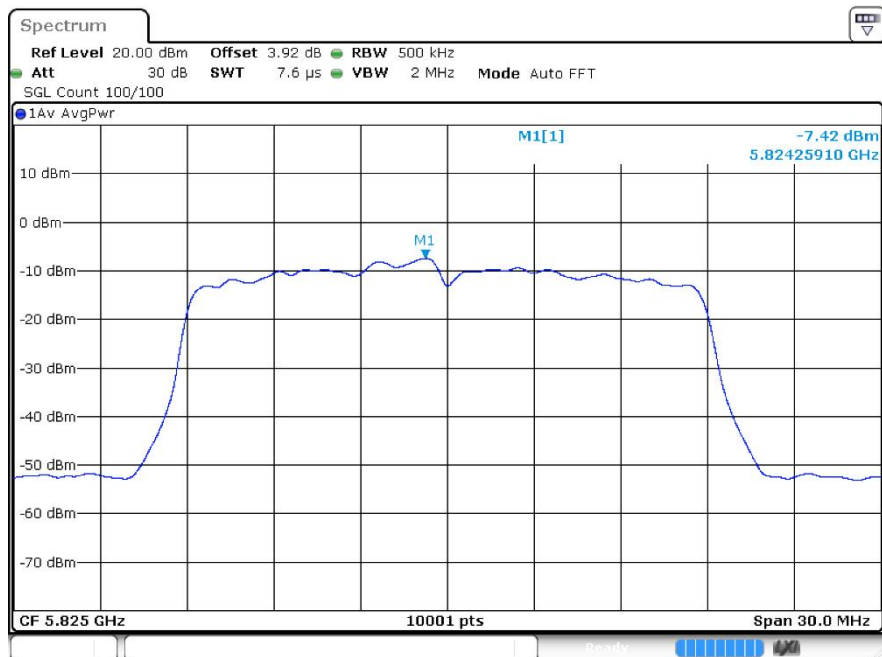
PSD n20 5745MHz Ant1



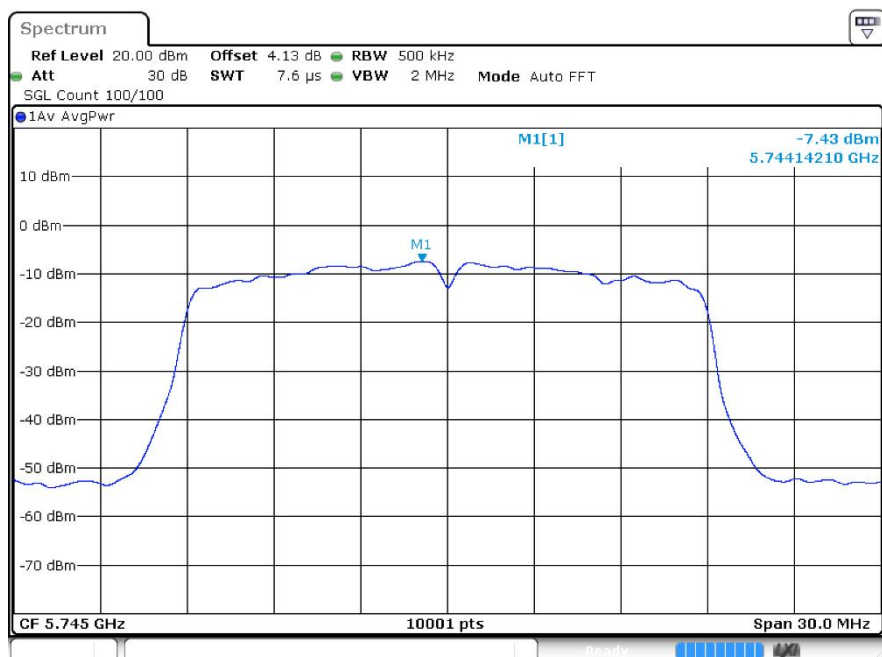
PSD n20 5785MHz Ant1



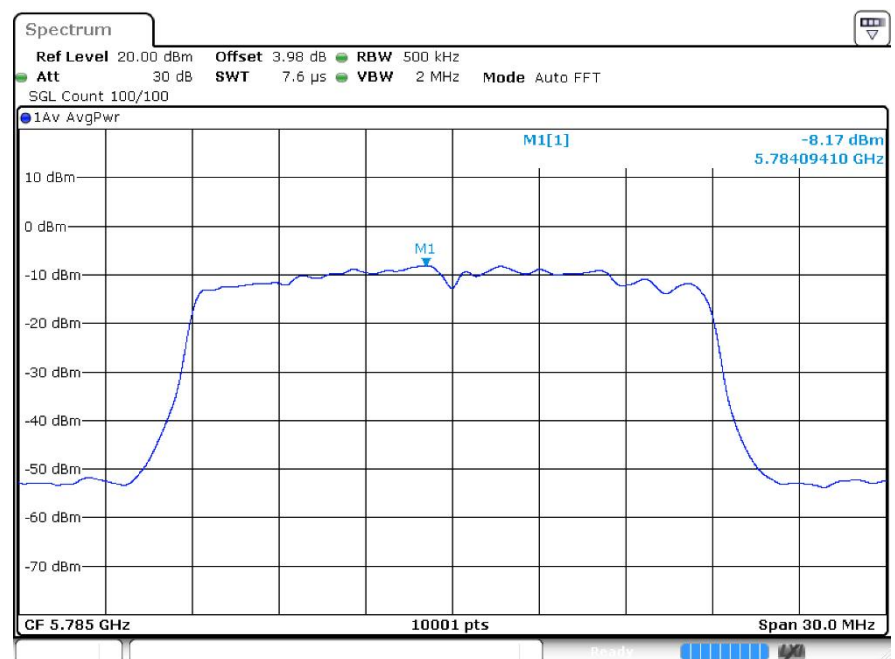
PSD n20 5825MHz Ant1



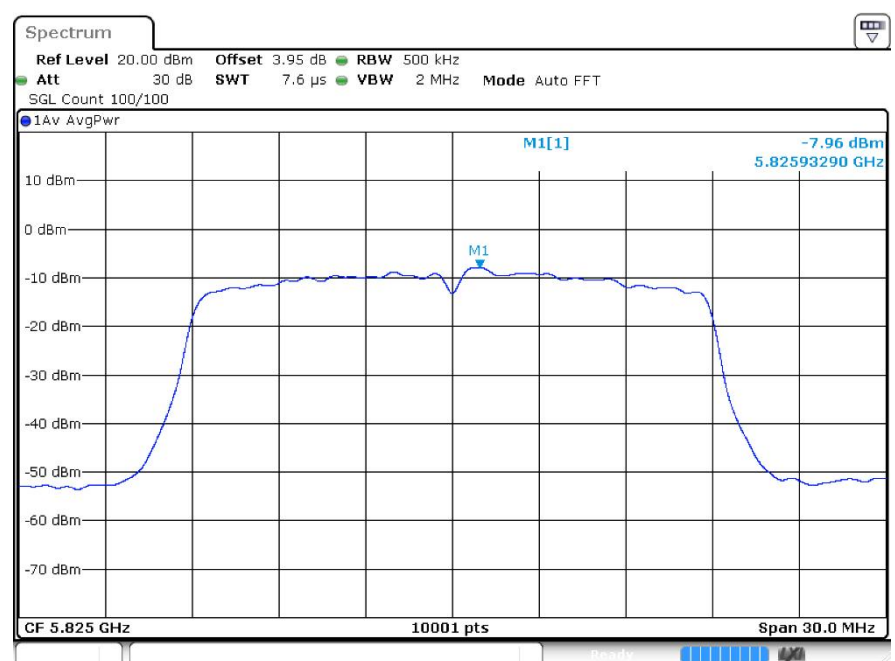
PSD n20 5745MHz Ant2



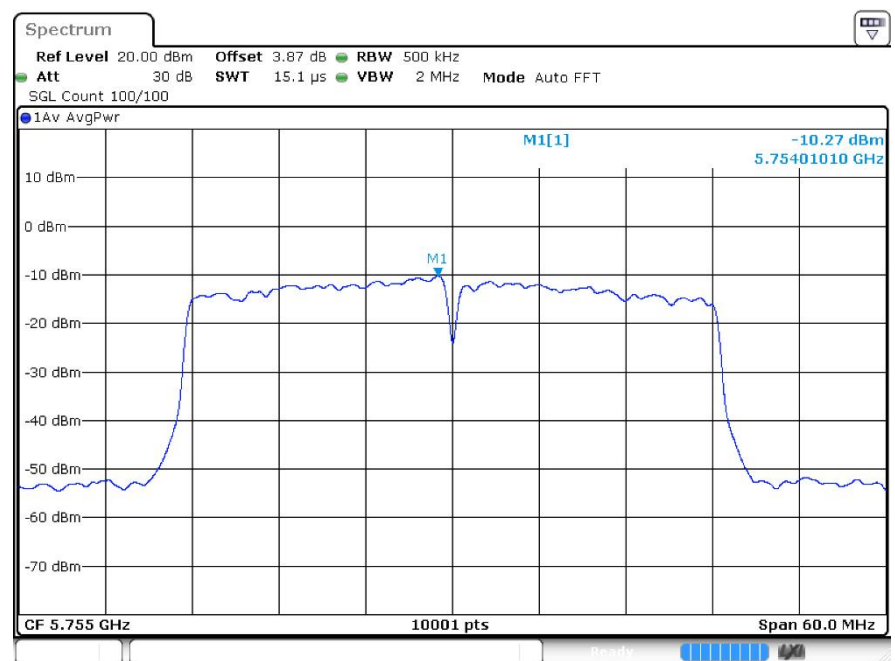
PSD n20 5785MHz Ant2



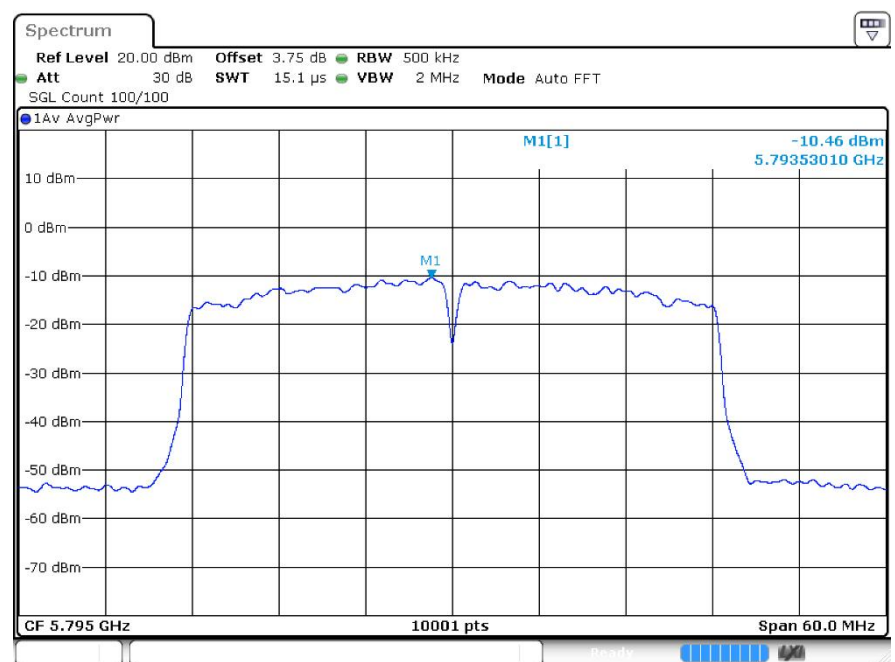
PSD n20 5825MHz Ant2



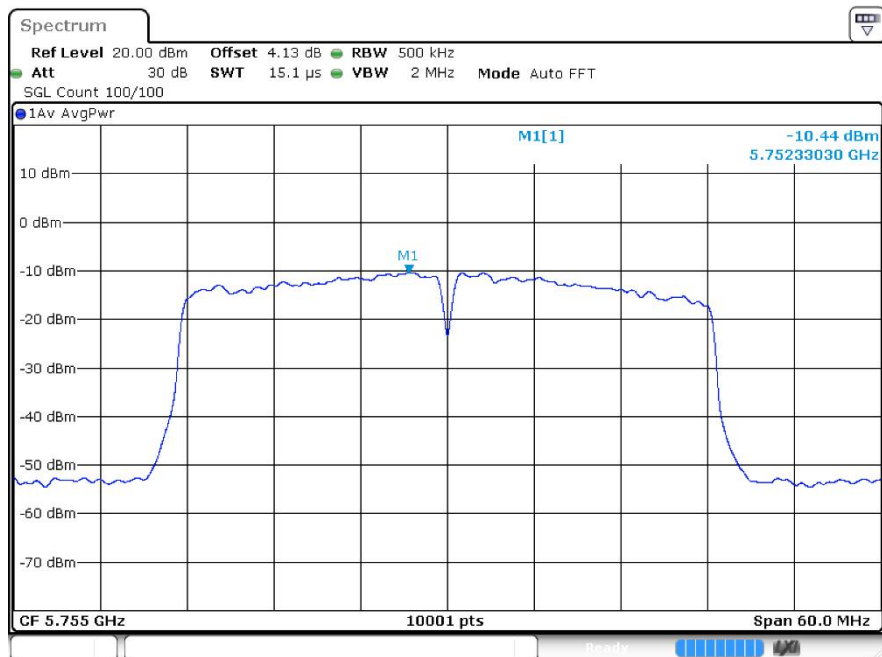
PSD n40 5755MHz Ant1



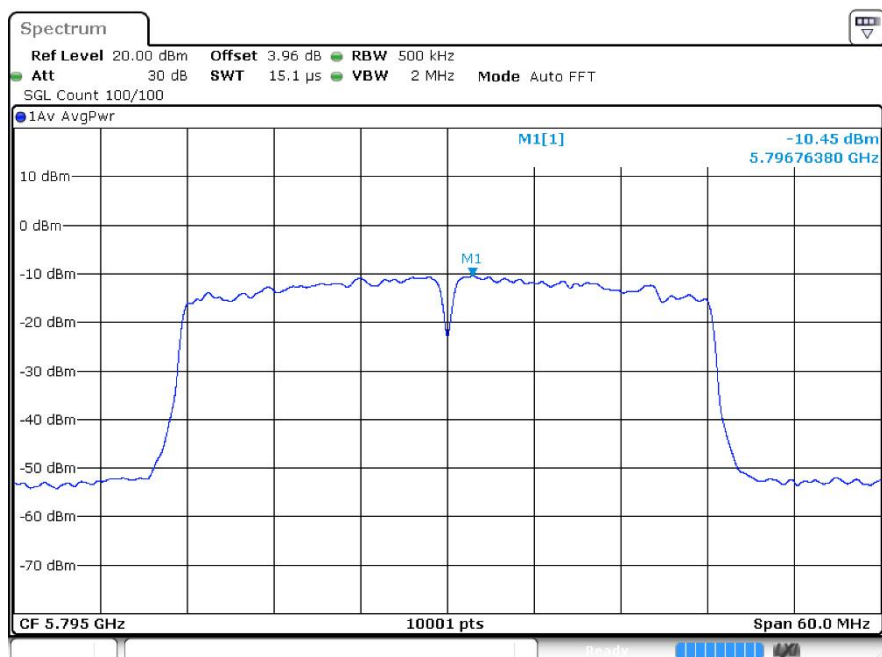
PSD n40 5795MHz Ant1



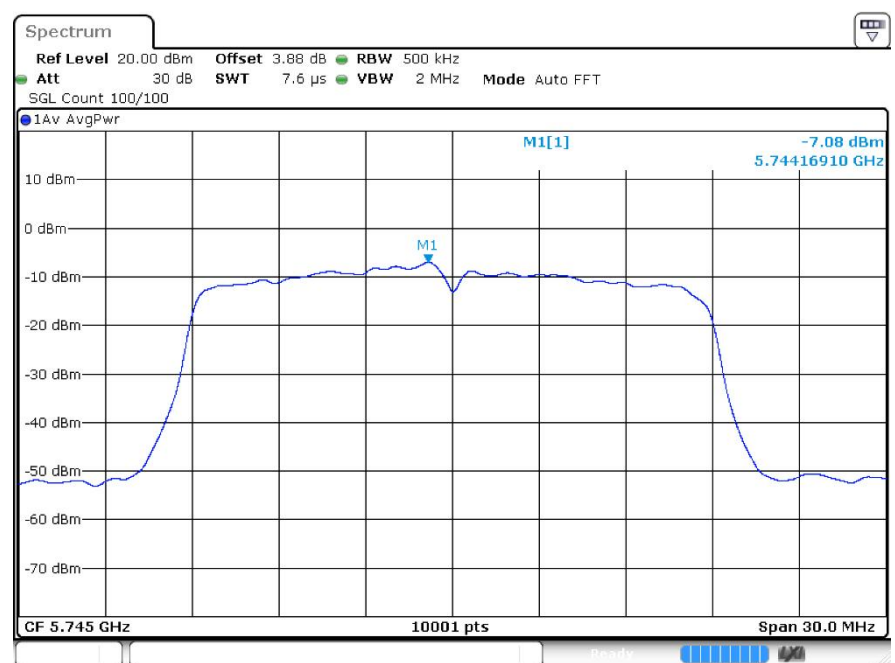
PSD n40 5755MHz Ant2



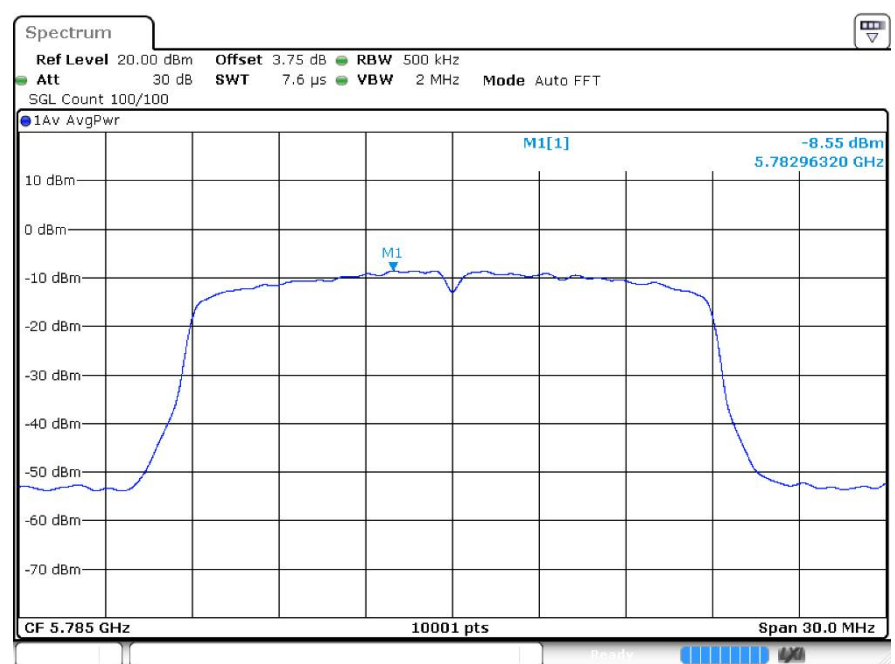
PSD n40 5795MHz Ant2



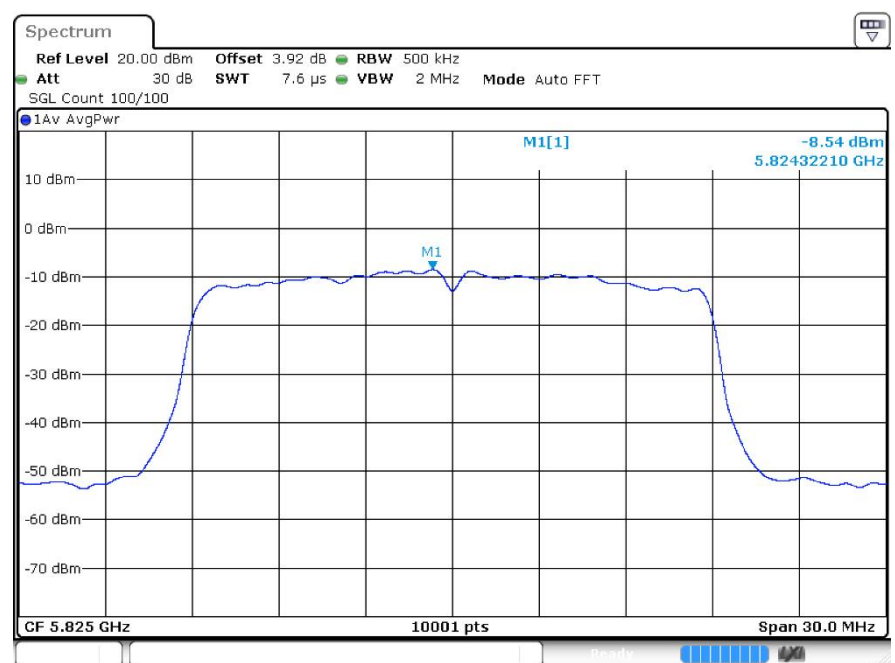
PSD ac20 5745MHz Ant1



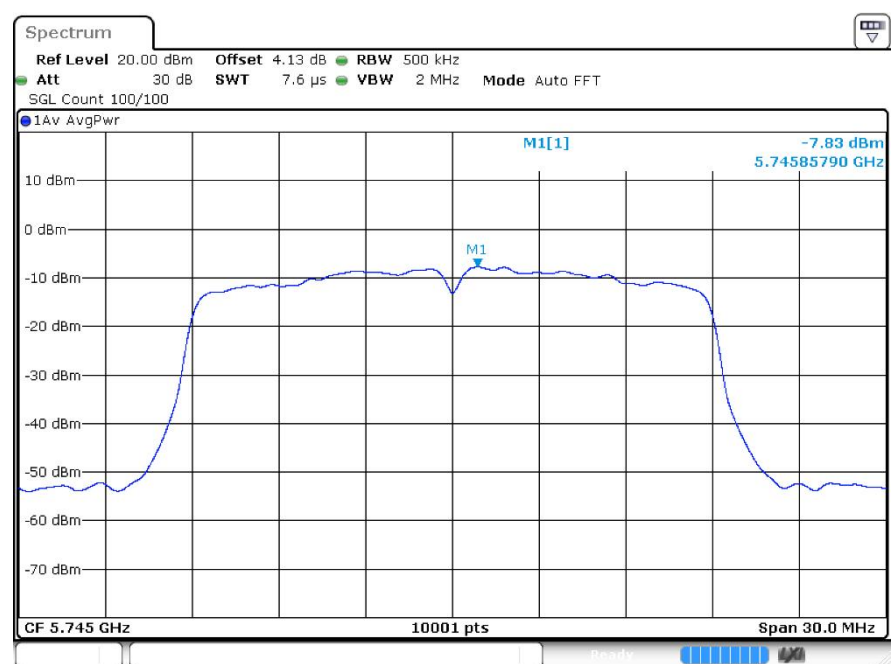
PSD ac20 5785MHz Ant1



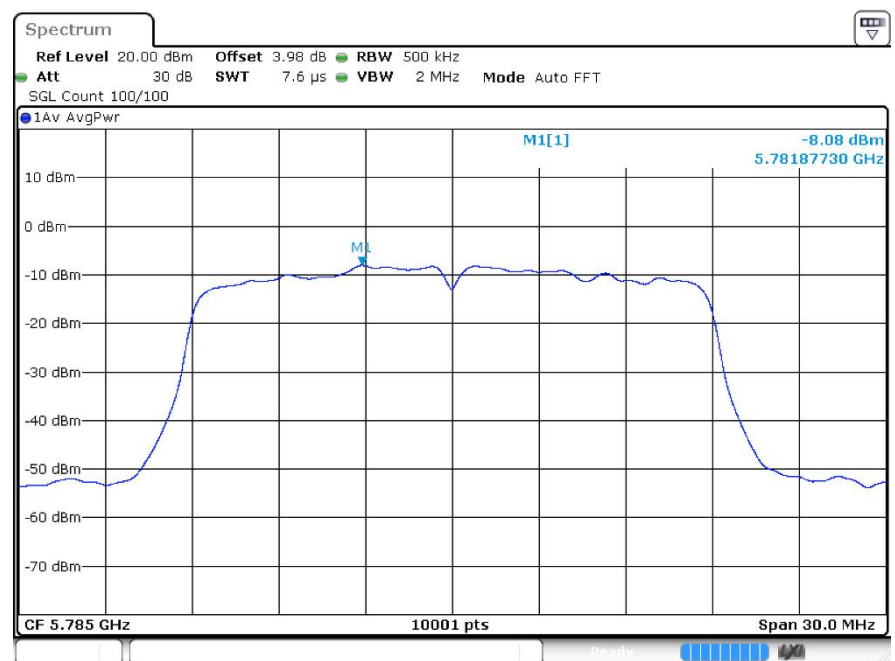
PSD ac20 5825MHz Ant1



PSD ac20 5745MHz Ant2



PSD ac20 5785MHz Ant2



PSD ac20 5825MHz Ant2

