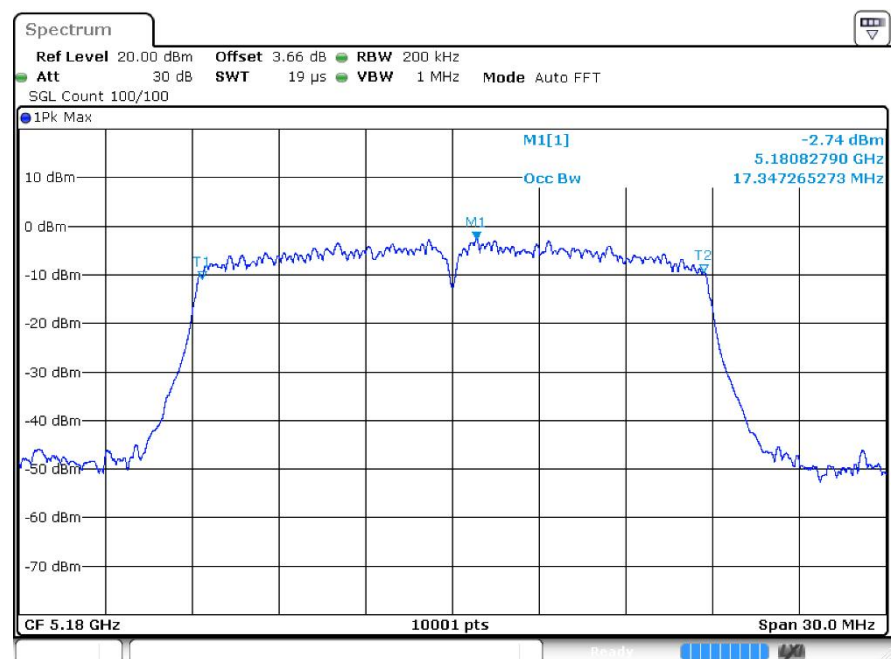
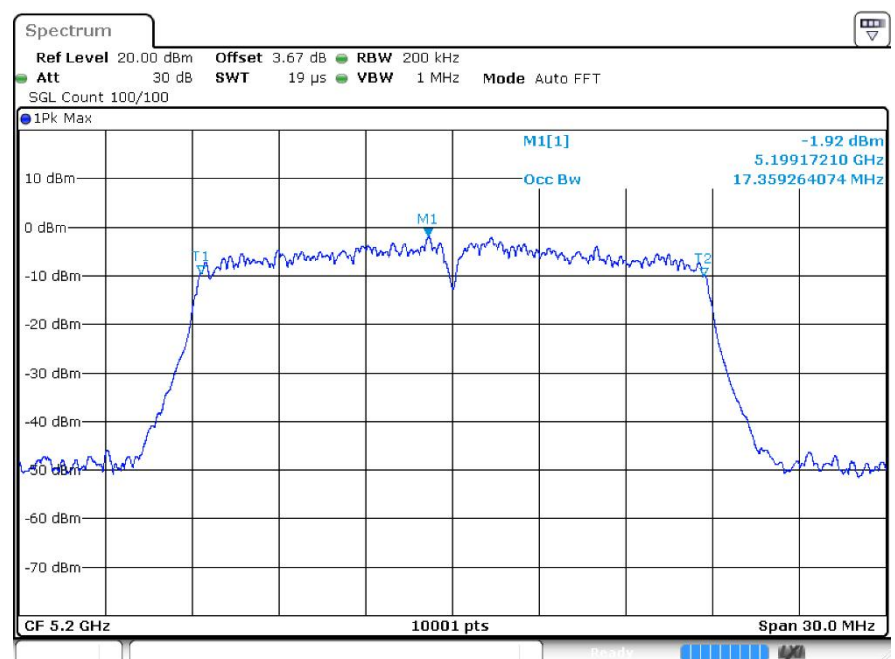
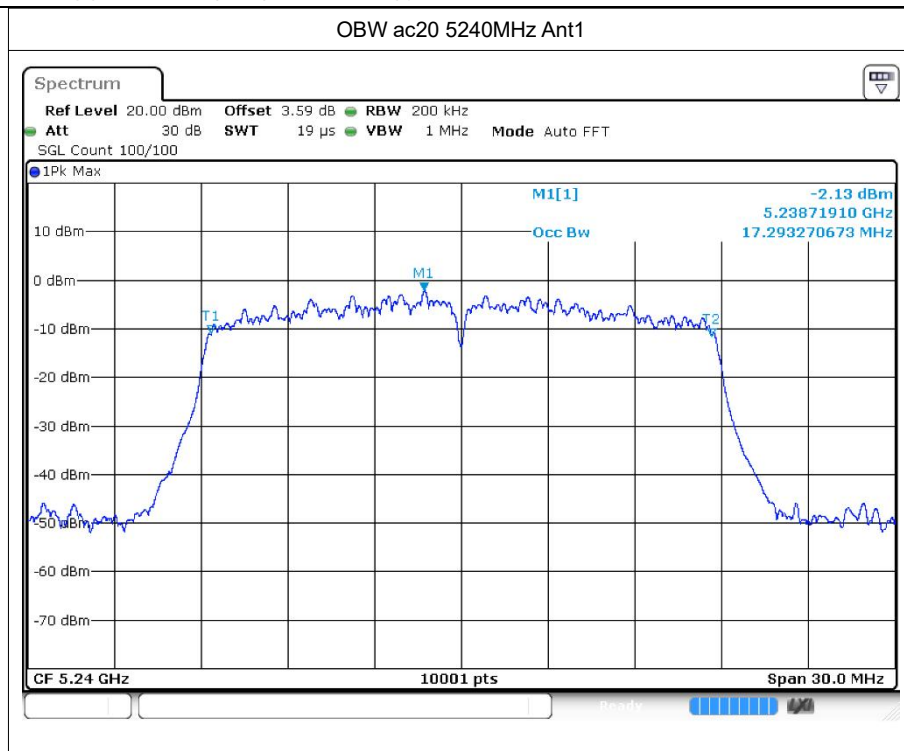


OBW ac20 5180MHz Ant1

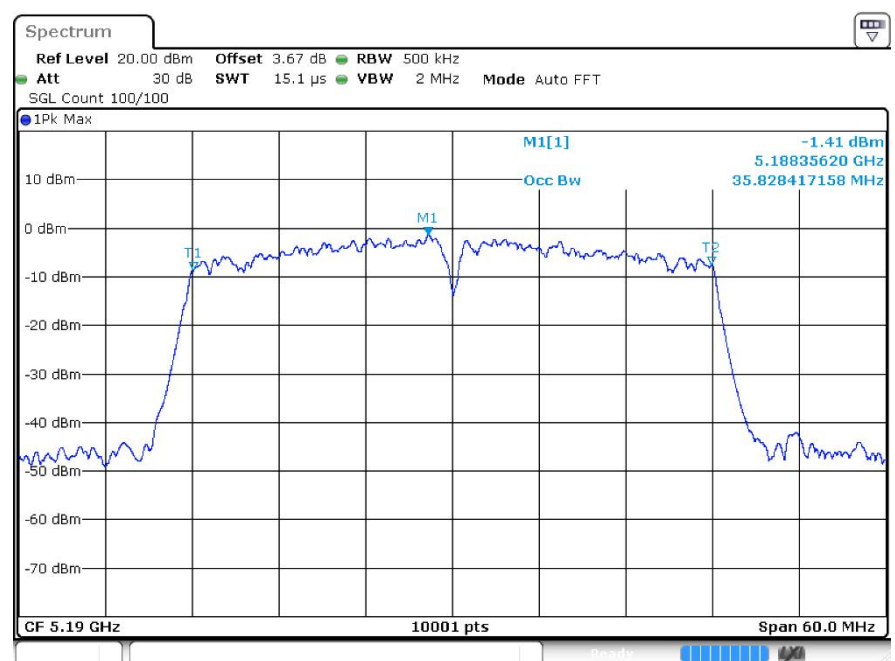


OBW ac20 5200MHz Ant1

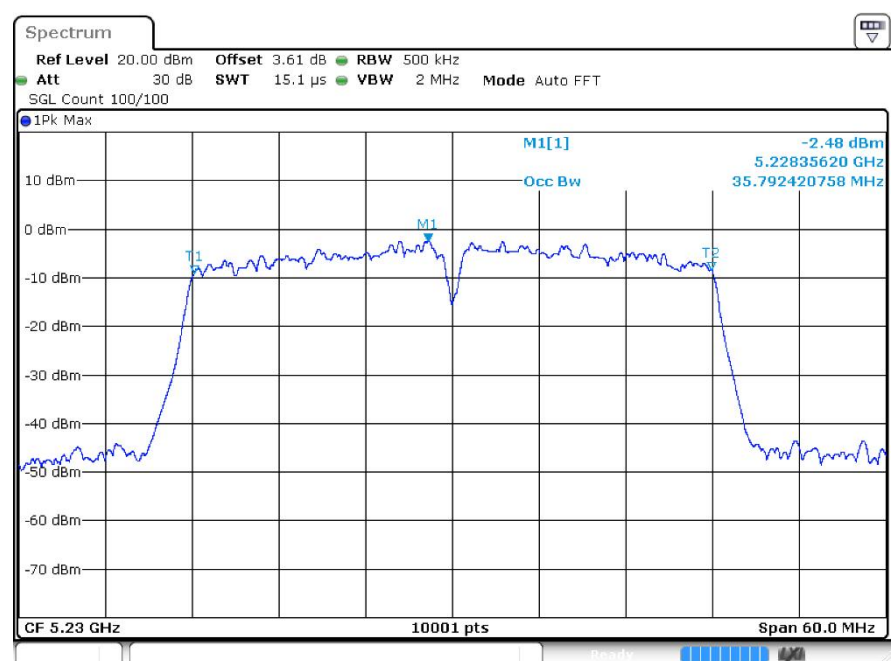


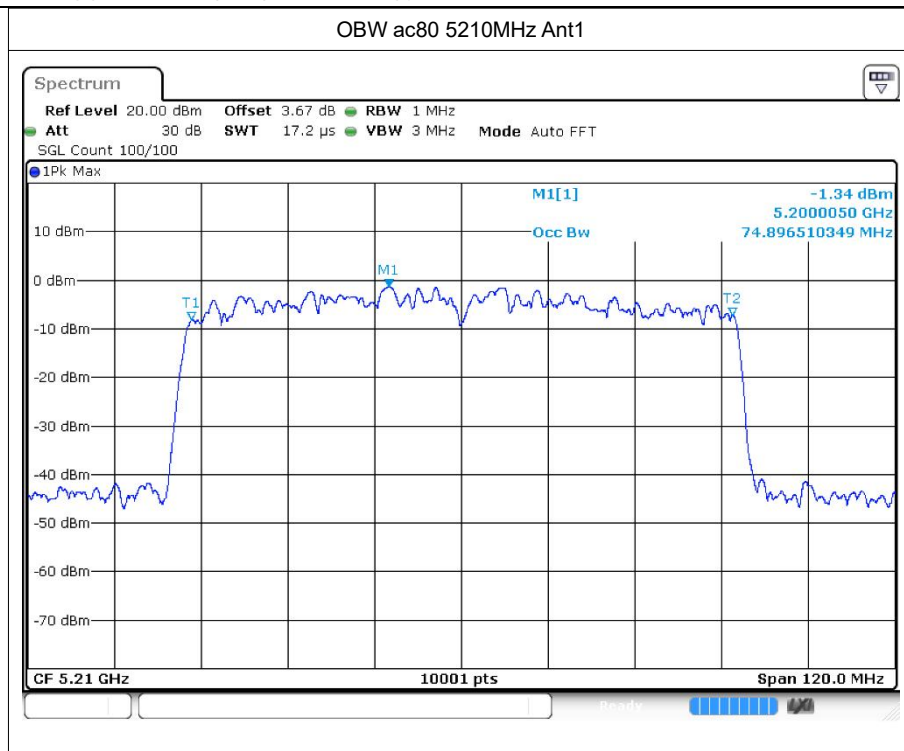


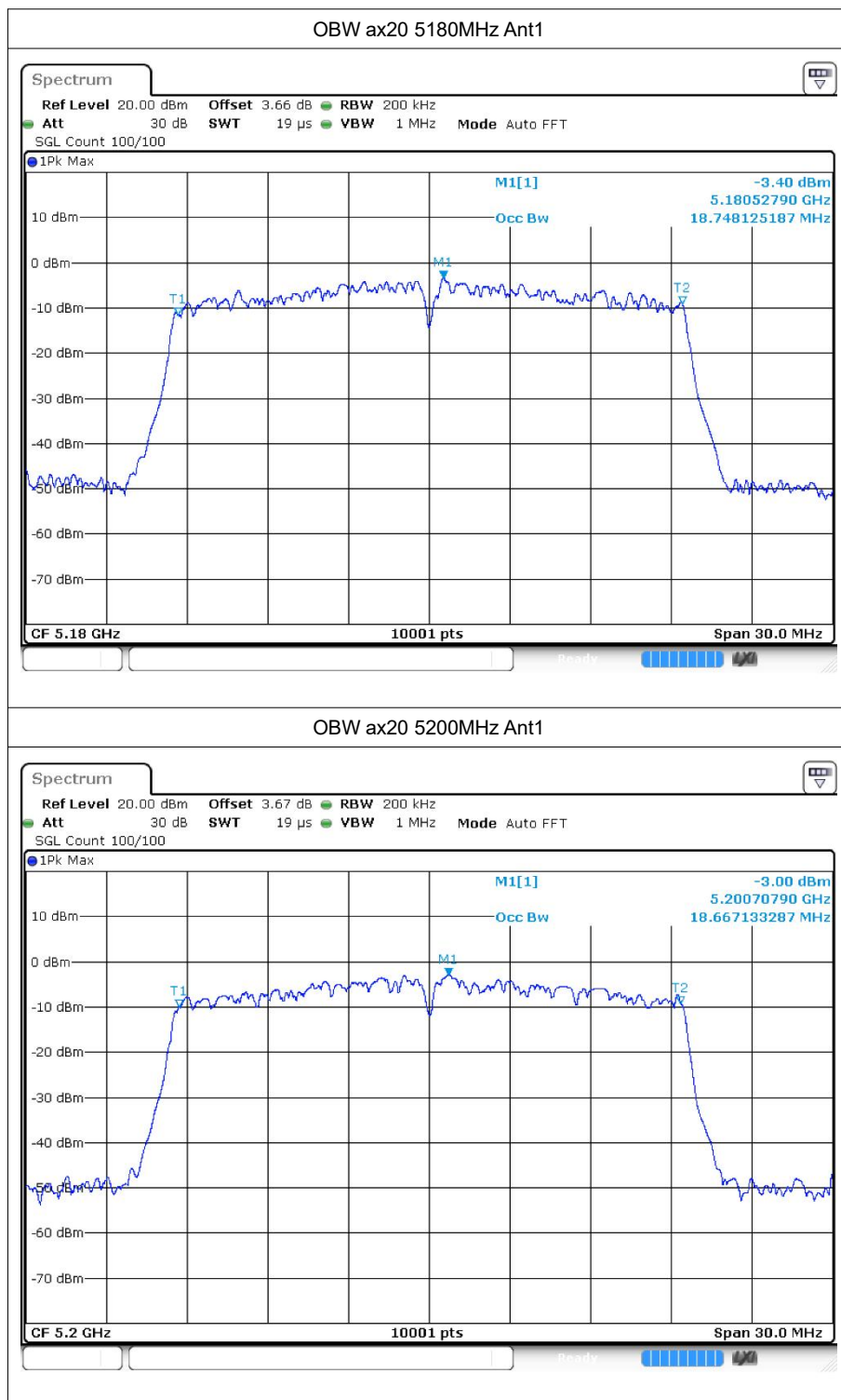
OBW ac40 5190MHz Ant1

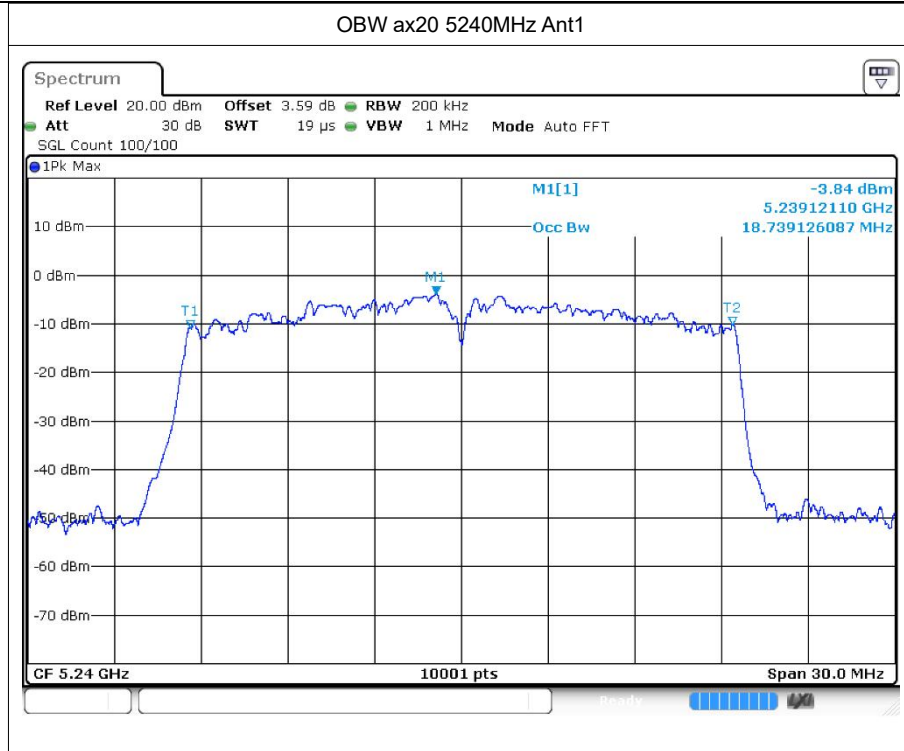


OBW ac40 5230MHz Ant1

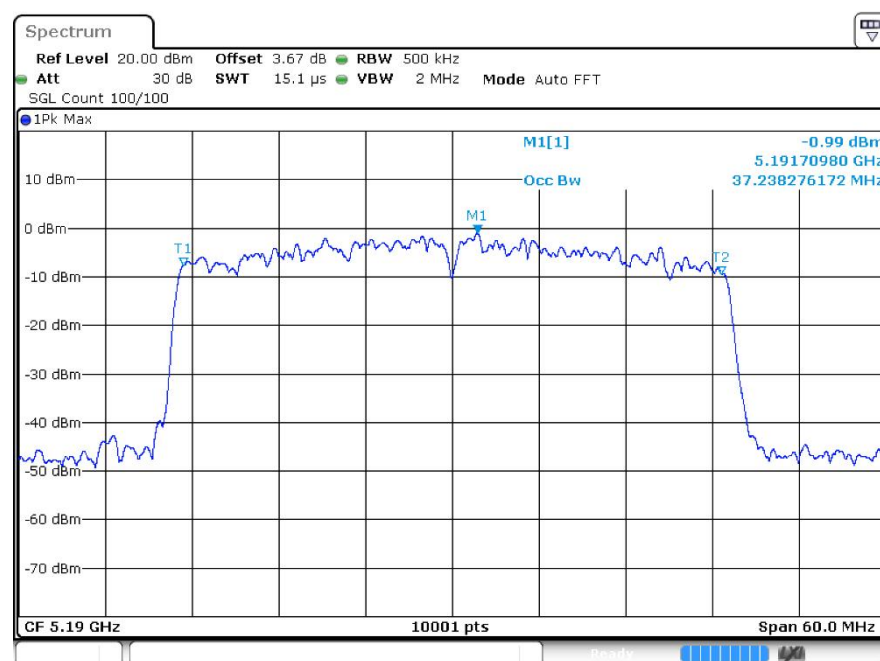




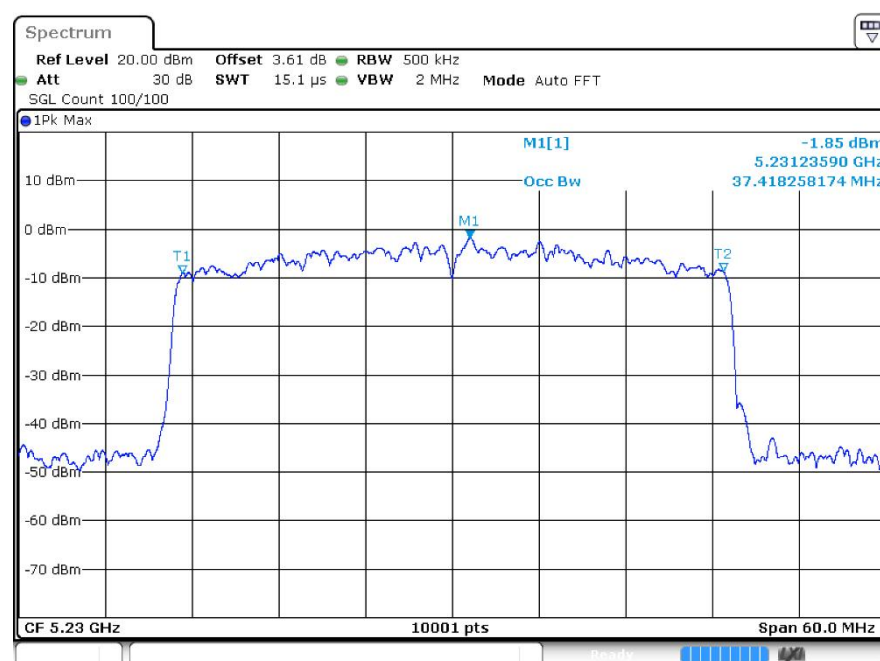


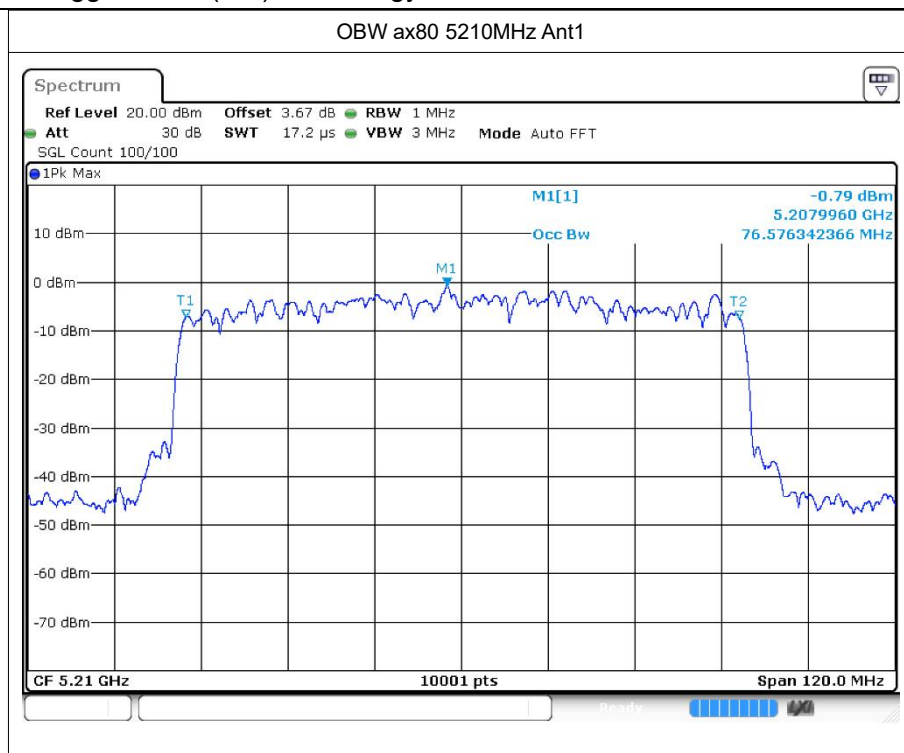


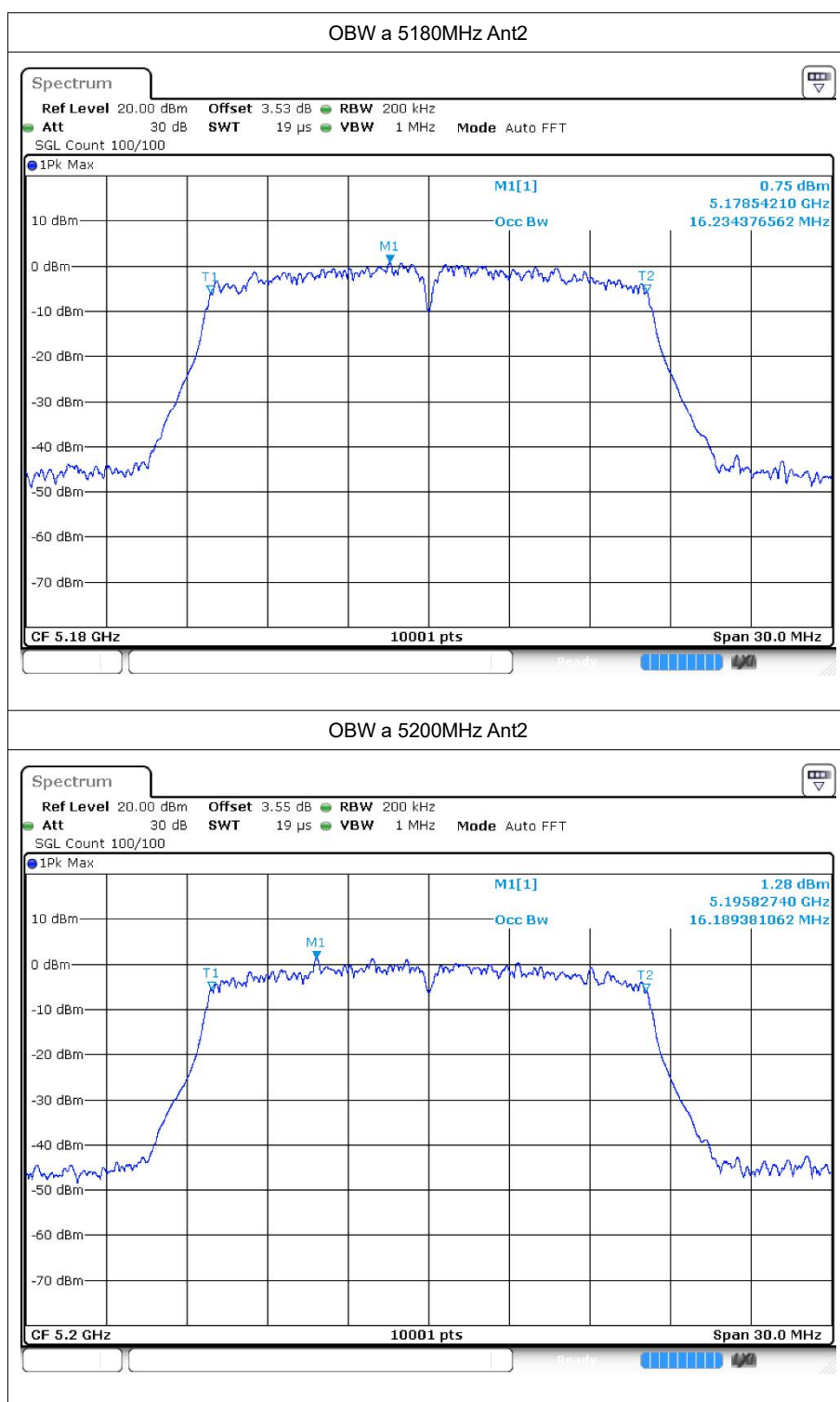
OBW ax40 5190MHz Ant1

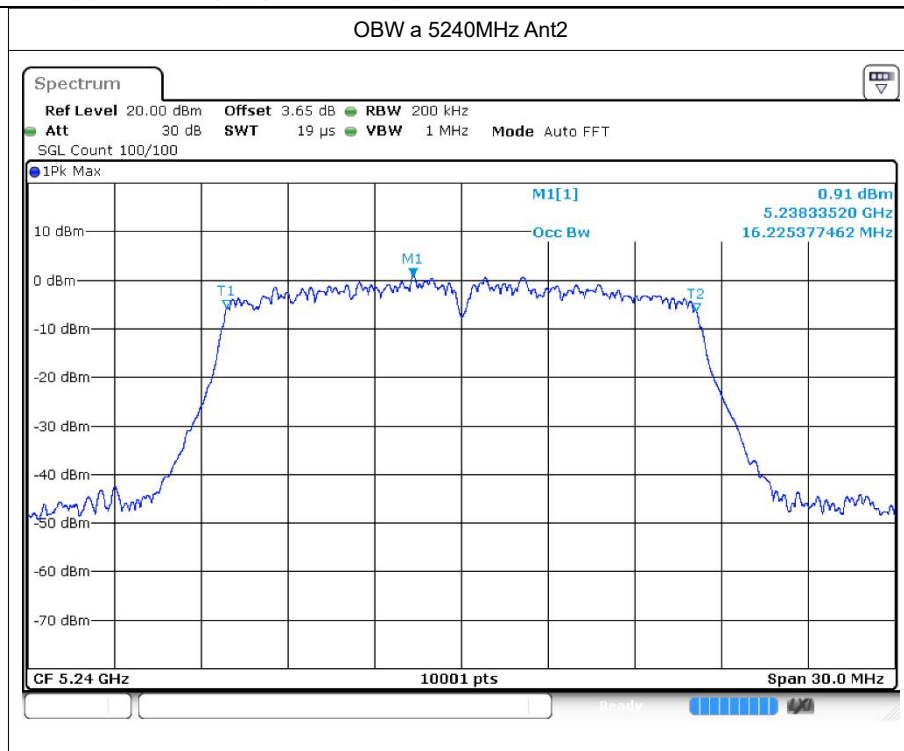


OBW ax40 5230MHz Ant1

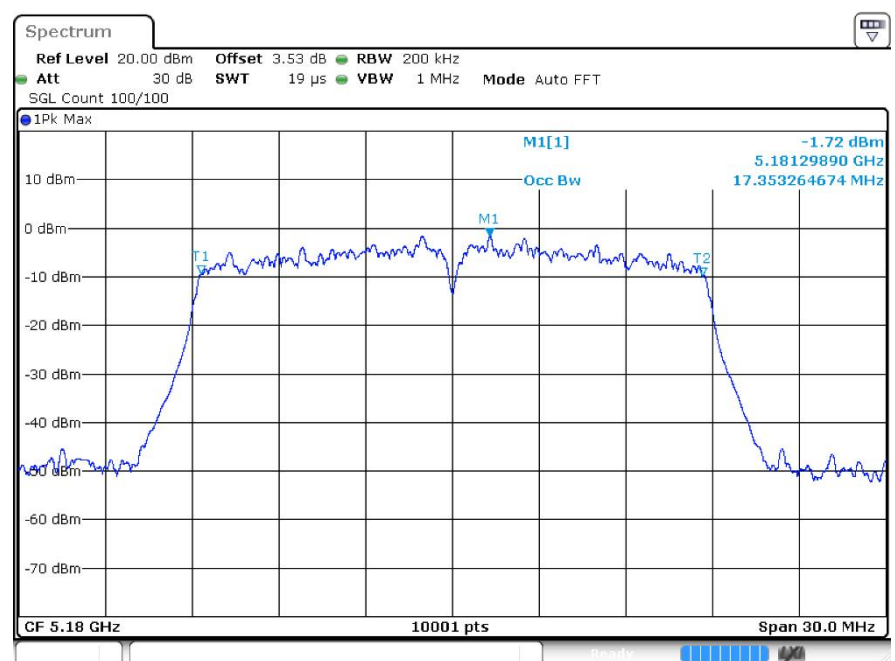




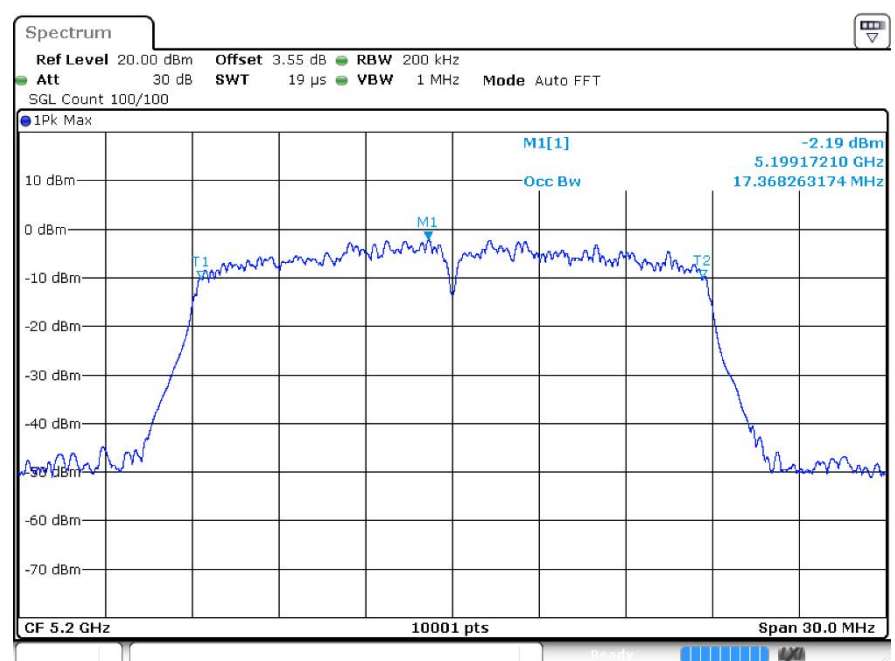


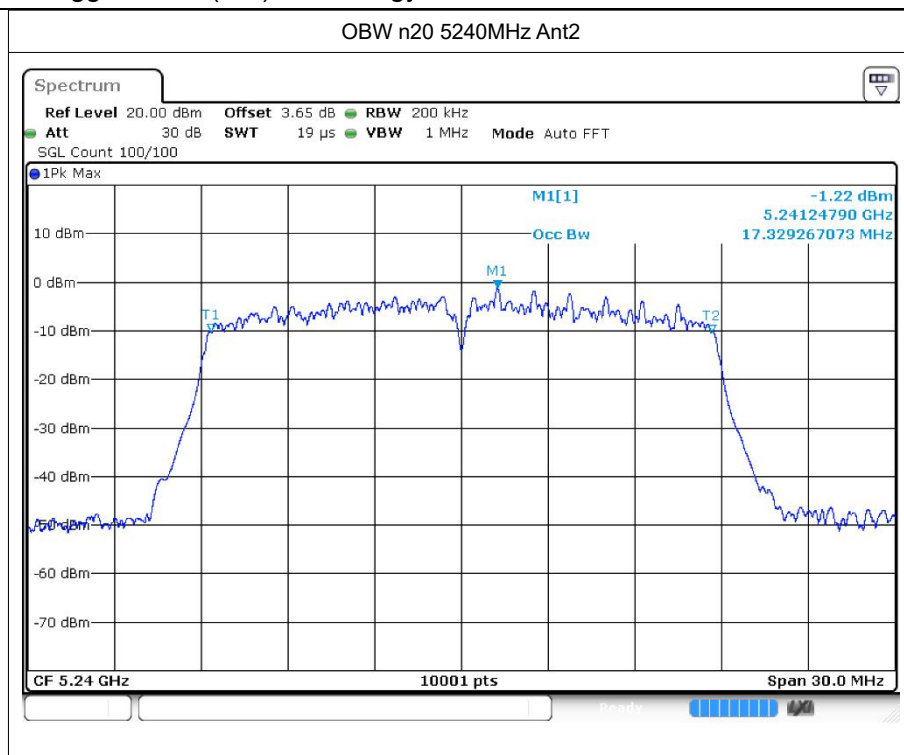


OBW n20 5180MHz Ant2

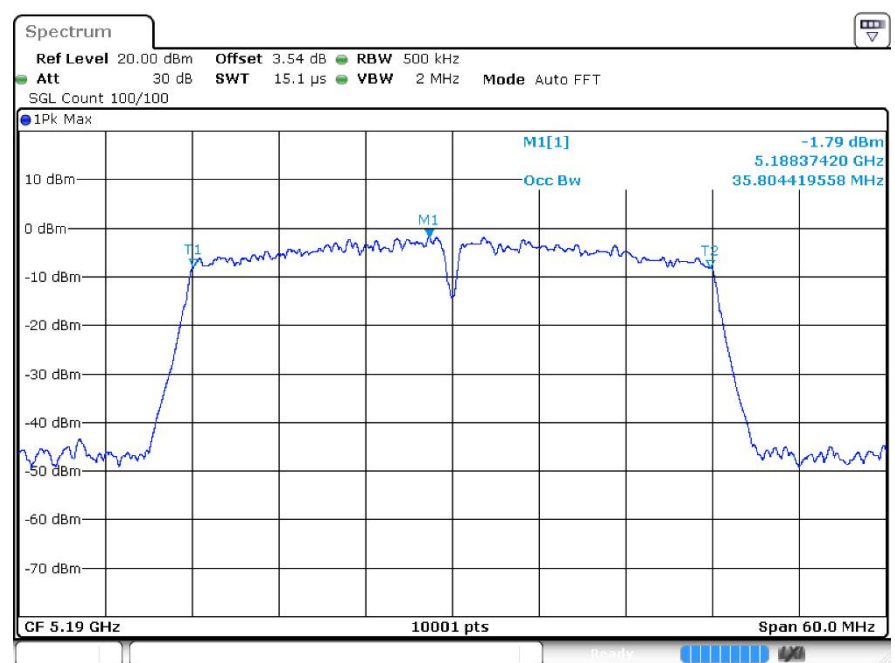


OBW n20 5200MHz Ant2

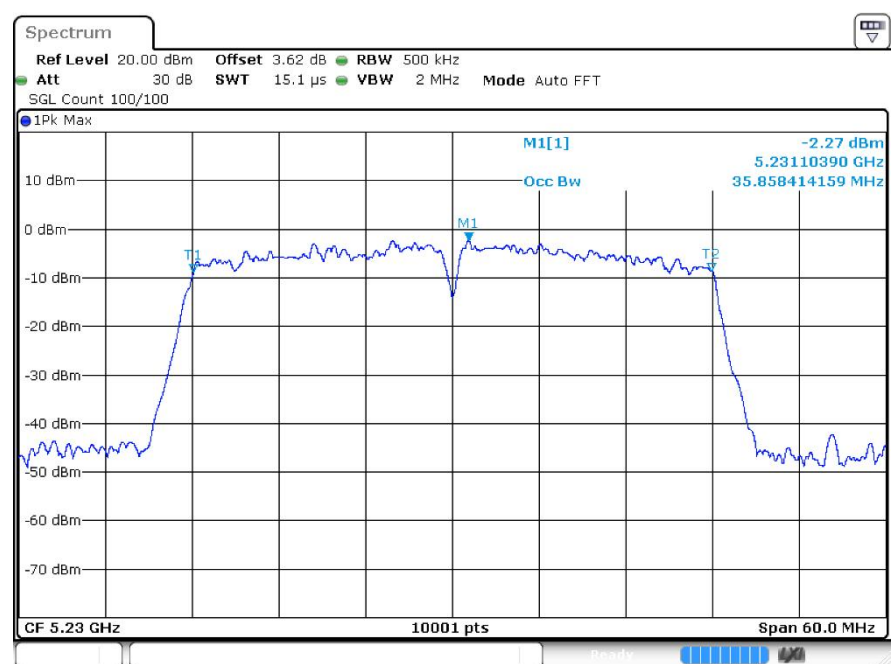




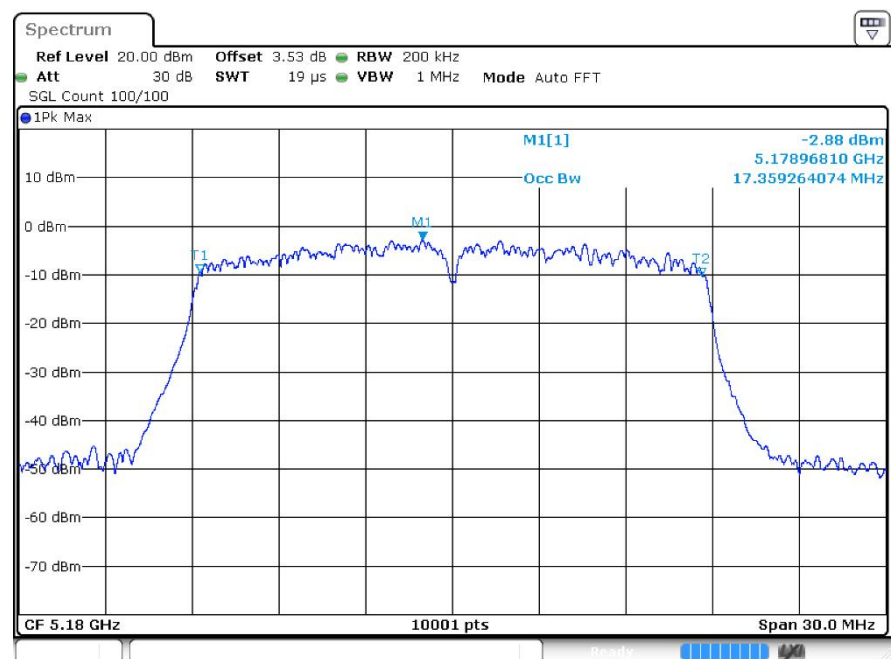
OBW n40 5190MHz Ant2



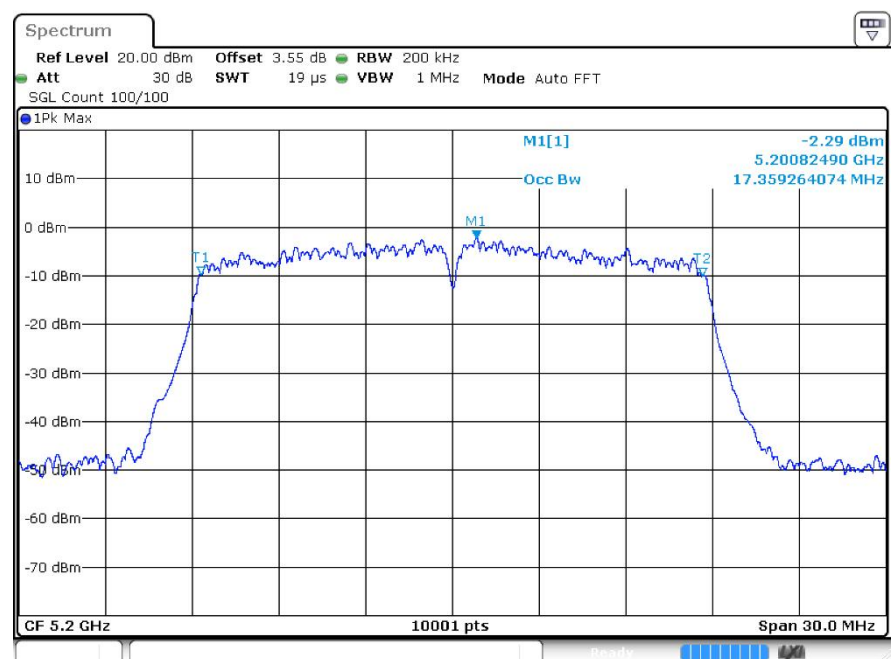
OBW n40 5230MHz Ant2

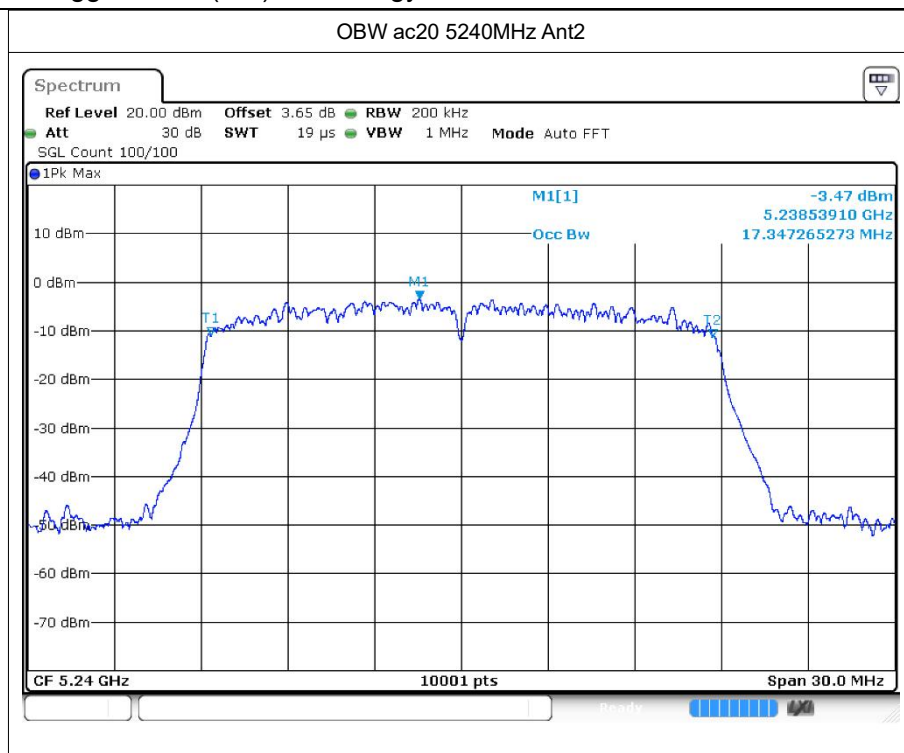


OBW ac20 5180MHz Ant2

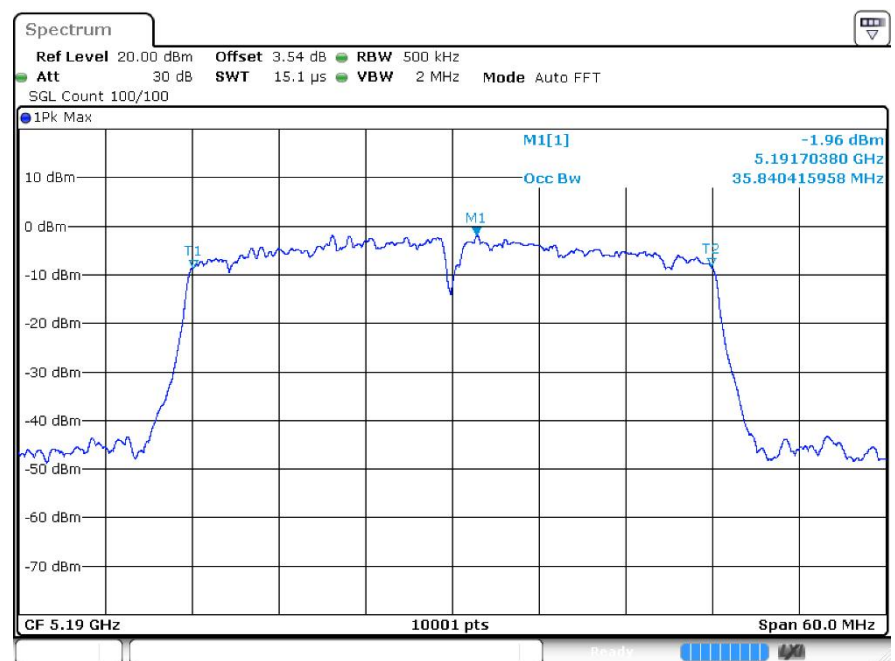


OBW ac20 5200MHz Ant2

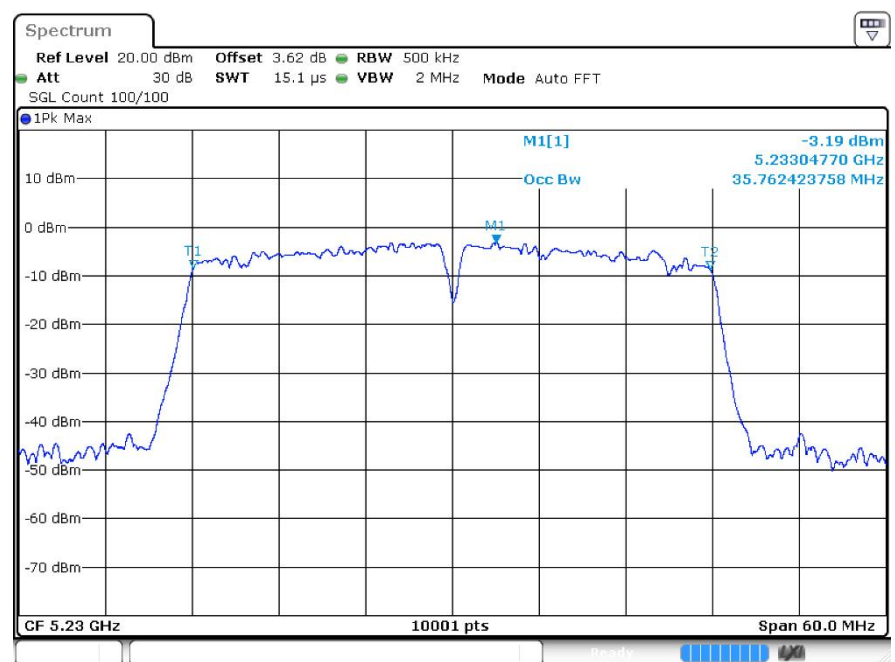


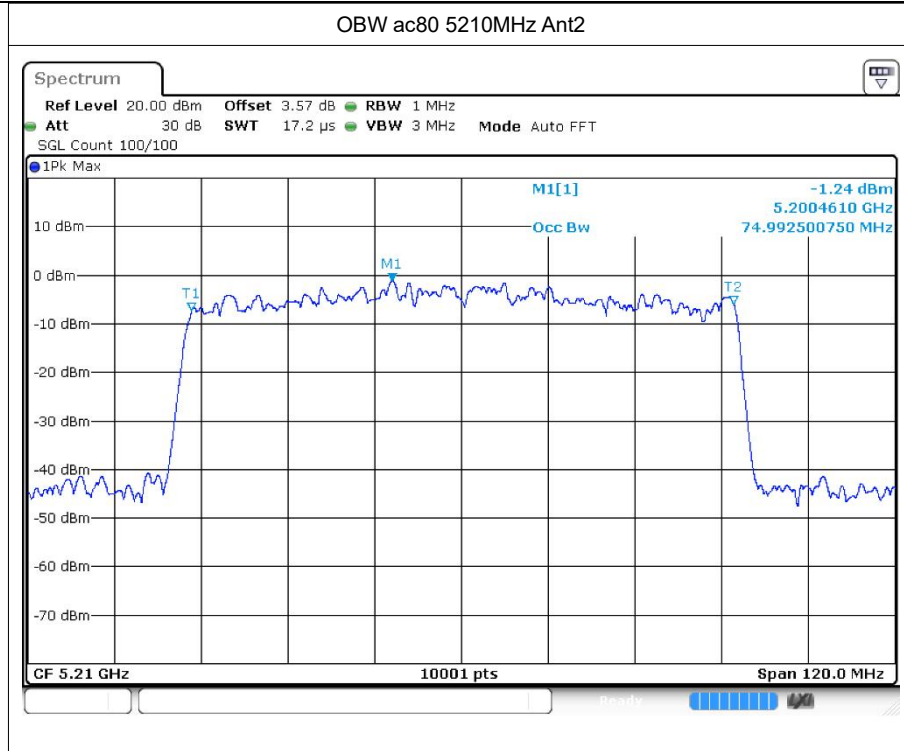


OBW ac40 5190MHz Ant2

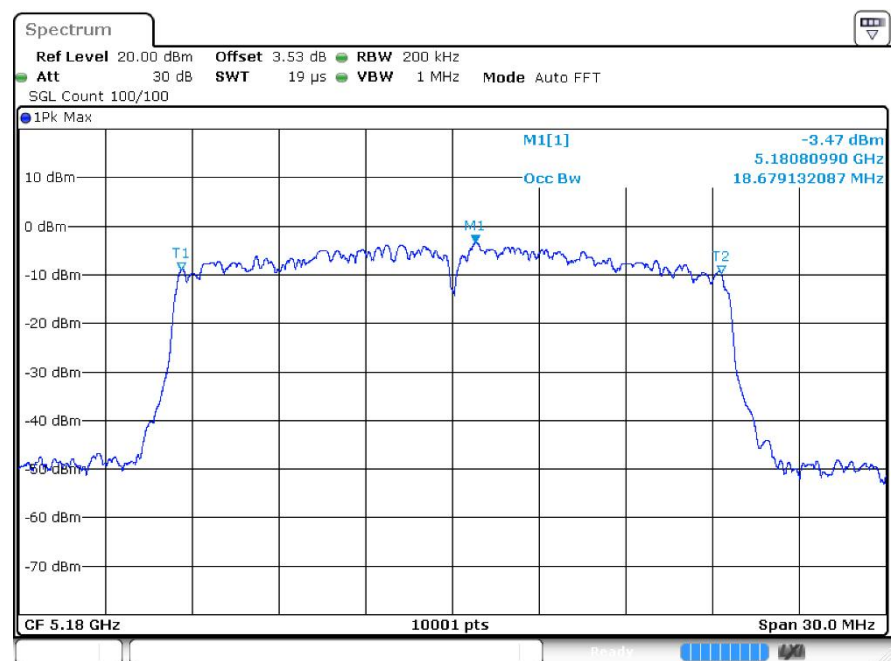


OBW ac40 5230MHz Ant2

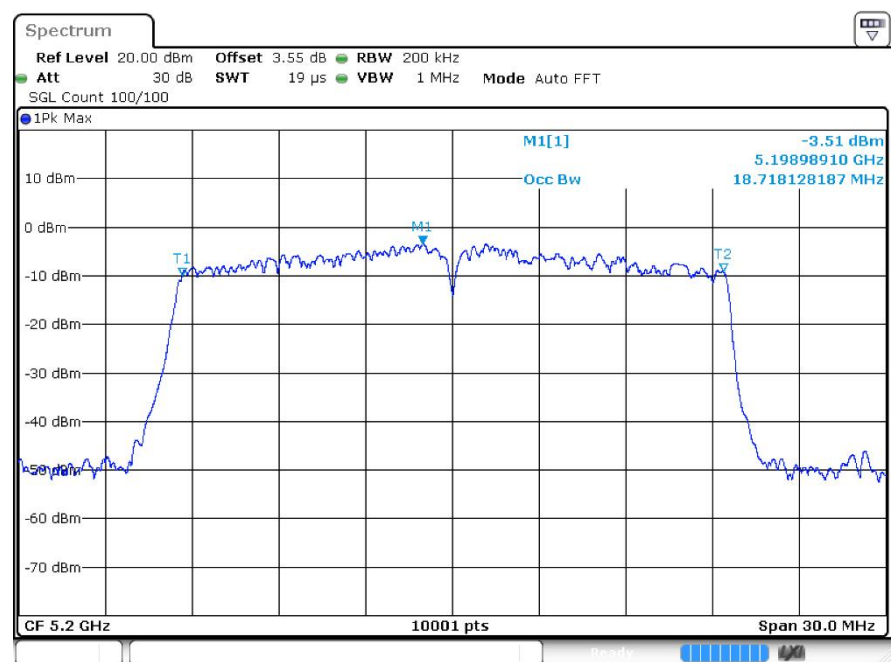


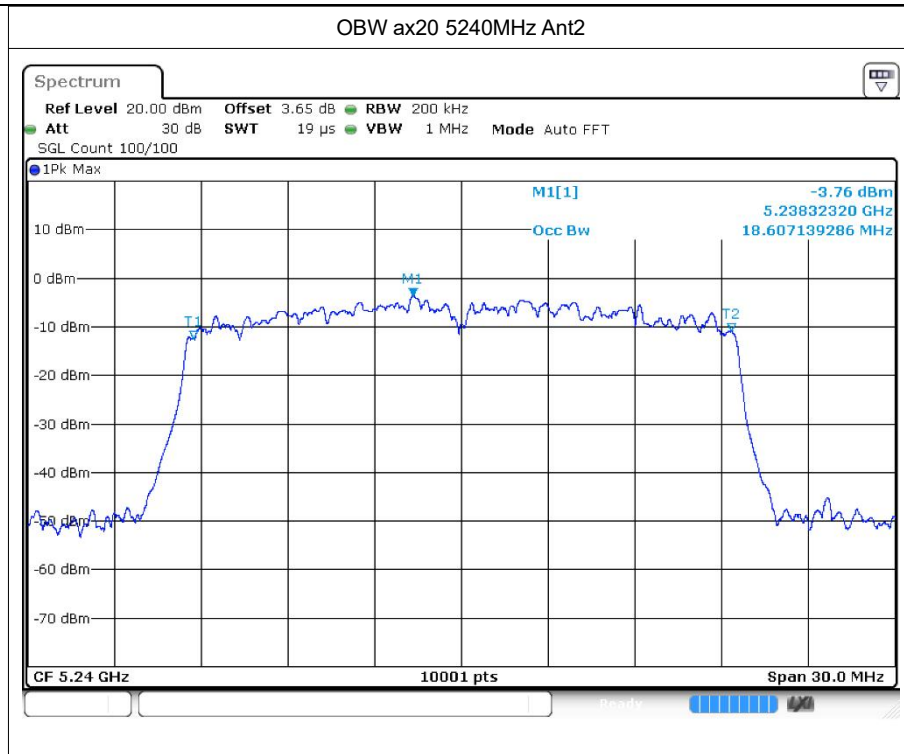


OBW ax20 5180MHz Ant2

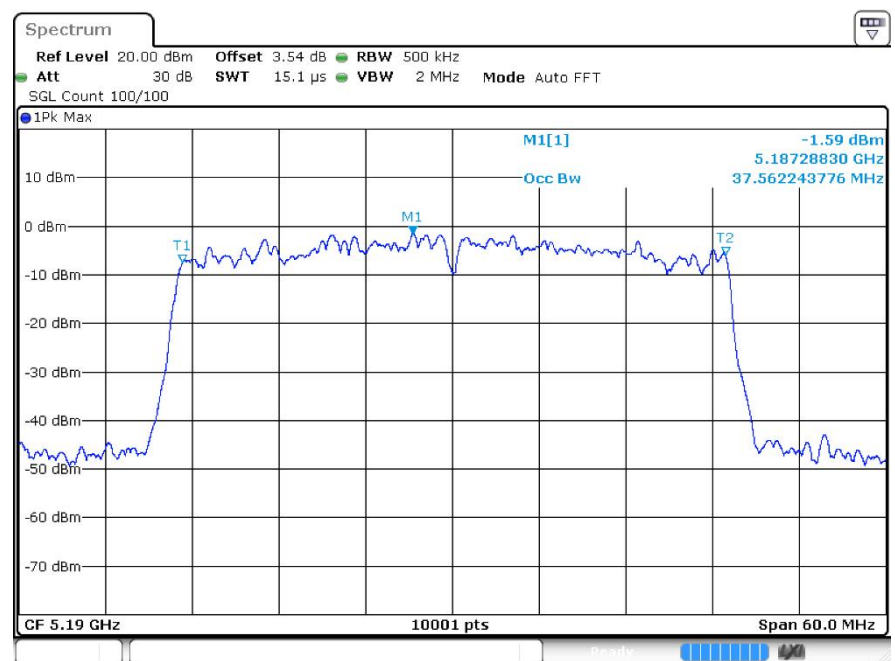


OBW ax20 5200MHz Ant2

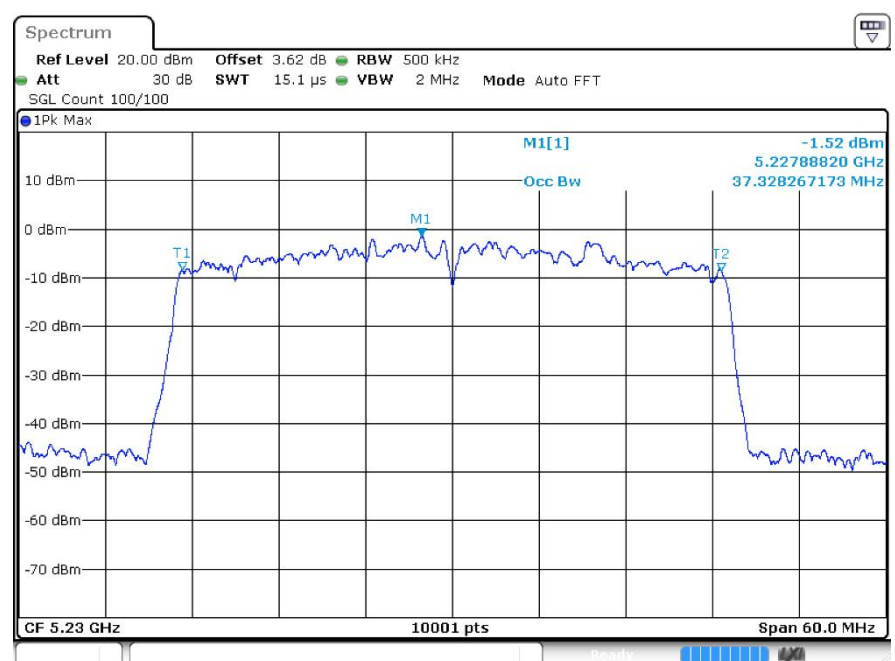


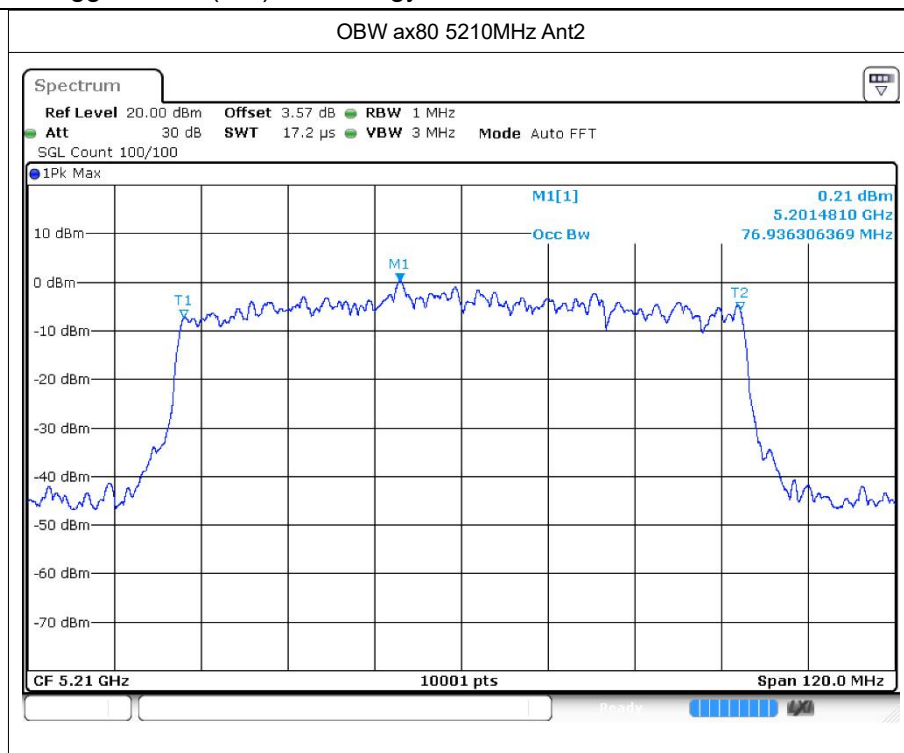


OBW ax40 5190MHz Ant2



OBW ax40 5230MHz Ant2





5 Maximum Power Spectral Density Level

5.1 Test Result

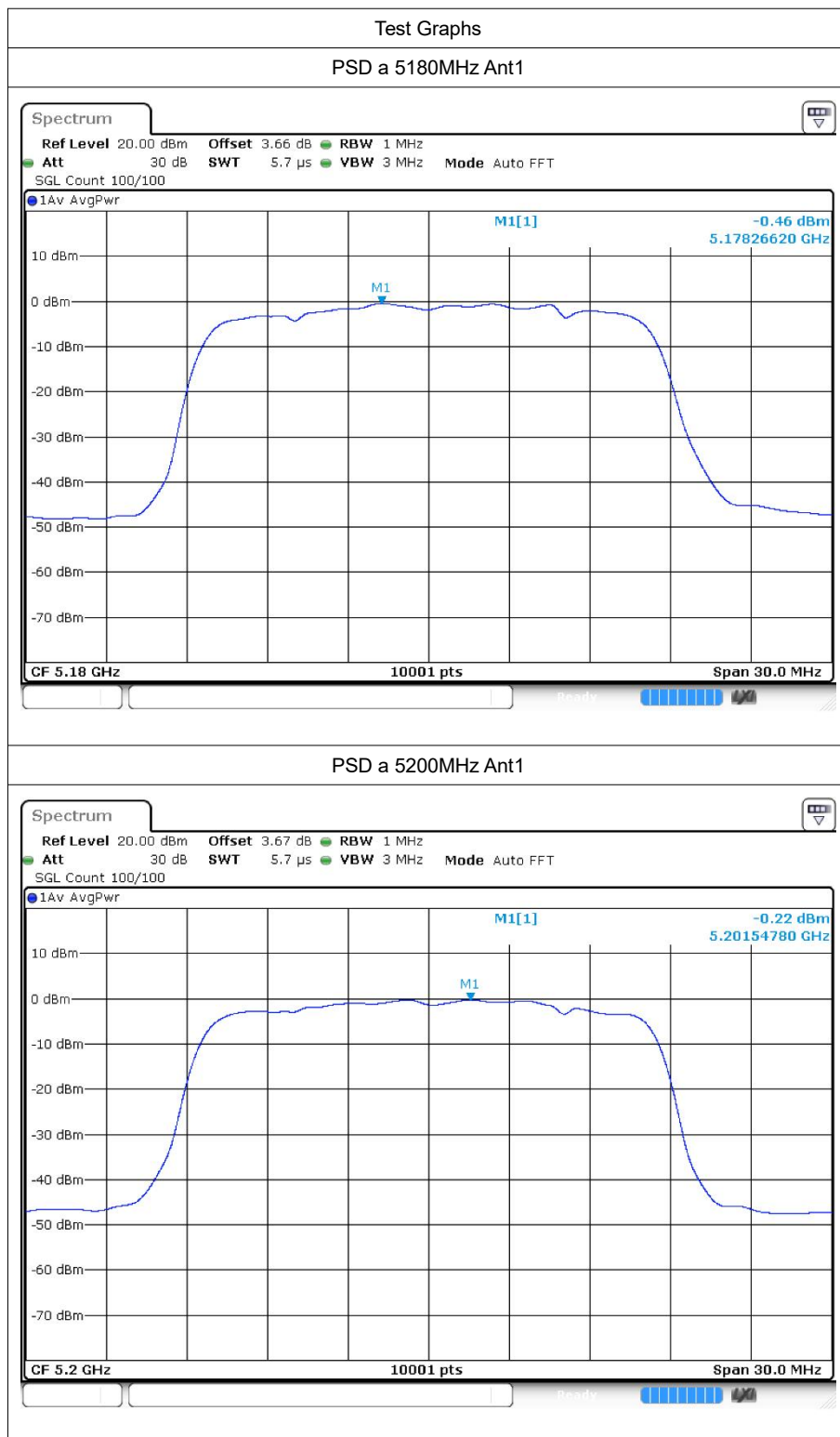
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	-0.46	2.14	1.68	11	Pass
a	5200	Ant1	-0.22	2.06	1.84	11	Pass
a	5240	Ant1	-0.51	2.08	1.57	11	Pass
a	5180	Ant2	-0.19	2.06	1.87	11	Pass
a	5200	Ant2	-0.52	2.03	1.51	11	Pass
a	5240	Ant2	-0.69	2.03	1.34	11	Pass
n20	5180	Ant1	-4.86	2.23	-2.63	11	Pass
n20	5180	Ant2	-3.94	2.21	-1.73	11	Pass
n20	5180	Sum	-	-	0.85	10.46	Pass
n20	5200	Ant1	-3.57	2.23	-1.34	11	Pass
n20	5200	Ant2	-4.66	2.21	-2.45	11	Pass
n20	5200	Sum	-	-	1.15	10.46	Pass
n20	5240	Ant1	-4.53	2.23	-2.3	11	Pass
n20	5240	Ant2	-4.09	2.23	-1.86	11	Pass
n20	5240	Sum	-	-	0.94	10.46	Pass
n40	5190	Ant1	-7.15	2.35	-4.8	11	Pass
n40	5190	Ant2	-7.48	2.21	-5.27	11	Pass
n40	5190	Sum	-	-	-2.02	10.46	Pass
n40	5230	Ant1	-8.14	2.21	-5.93	11	Pass
n40	5230	Ant2	-6.98	2.21	-4.77	11	Pass
n40	5230	Sum	-	-	-2.30	10.46	Pass
ac20	5180	Ant1	-3.72	2.21	-1.51	11	Pass
ac20	5180	Ant2	-4.37	2.22	-2.15	11	Pass
ac20	5180	Sum	-	-	1.19	10.46	Pass
ac20	5200	Ant1	-4.06	2.21	-1.85	11	Pass
ac20	5200	Ant2	-3.42	2.21	-1.21	11	Pass
ac20	5200	Sum	-	-	1.49	10.46	Pass
ac20	5240	Ant1	-5.43	2.21	-3.22	11	Pass
ac20	5240	Ant2	-4.85	2.21	-2.64	11	Pass
ac20	5240	Sum	-	-	0.09	10.46	Pass
ac40	5190	Ant1	-6.88	2.21	-4.67	11	Pass
ac40	5190	Ant2	-7.16	2.3	-4.86	11	Pass
ac40	5190	Sum	-	-	-1.75	10.46	Pass
ac40	5230	Ant1	-7.69	2.38	-5.31	11	Pass
ac40	5230	Ant2	-7.56	2.22	-5.34	11	Pass
ac40	5230	Sum	-	-	-2.31	10.46	Pass

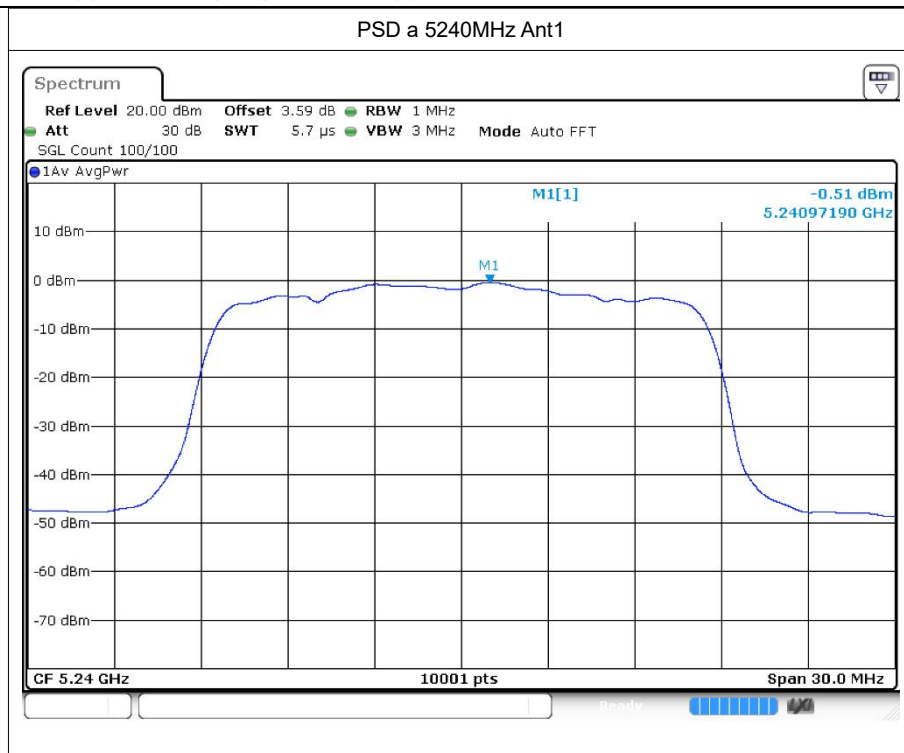


ac80	5210	Ant1	-10.76	2.4	-8.36	11	Pass
ac80	5210	Ant2	-10.52	2.4	-8.12	11	Pass
ac80	5210	Sum	-	-	-5.23	10.46	Pass
ax20	5180	Ant1	-6.21	2.41	-3.8	11	Pass
ax20	5180	Ant2	-6.26	2.42	-3.84	11	Pass
ax20	5180	Sum	-	-	-0.81	10.46	Pass
ax20	5200	Ant1	-5.18	2.42	-2.76	11	Pass
ax20	5200	Ant2	-5.49	2.41	-3.08	11	Pass
ax20	5200	Sum	-	-	-0.09	10.46	Pass
ax20	5240	Ant1	-6.76	2.39	-4.37	11	Pass
ax20	5240	Ant2	-6.32	2.39	-3.93	11	Pass
ax20	5240	Sum	-	-	-1.13	10.46	Pass
ax40	5190	Ant1	-7.57	2.39	-5.18	11	Pass
ax40	5190	Ant2	-8.21	2.39	-5.82	11	Pass
ax40	5190	Sum	-	-	-2.48	10.46	Pass
ax40	5230	Ant1	-8.66	2.39	-6.27	11	Pass
ax40	5230	Ant2	-8.38	2.39	-5.99	11	Pass
ax40	5230	Sum	-	-	-3.12	10.46	Pass
ax80	5210	Ant1	-11.7	2.59	-9.11	11	Pass
ax80	5210	Ant2	-11.25	2.51	-8.74	11	Pass
ax80	5210	Sum	-	-	-5.91	10.46	Pass

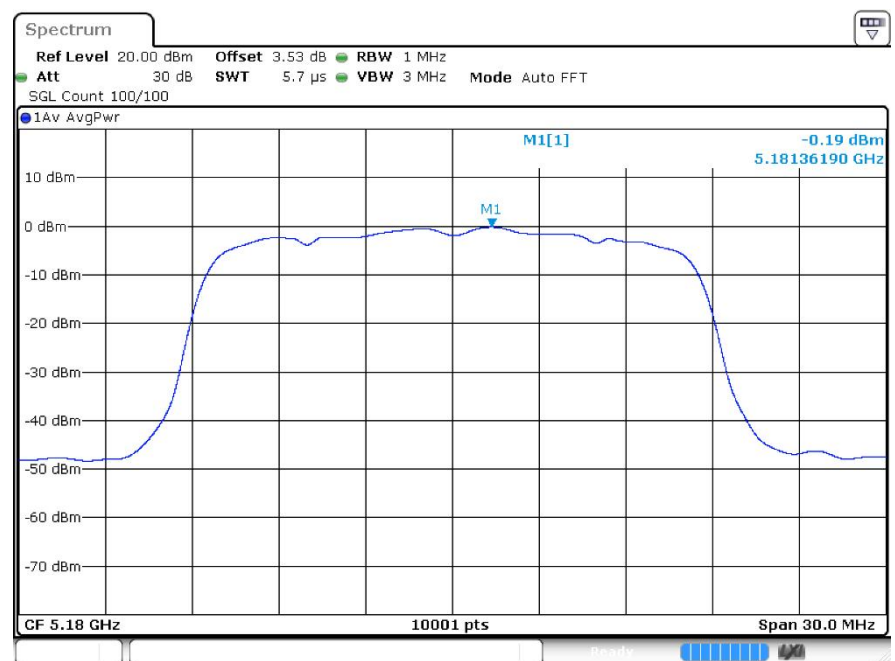
Note: The MIMO gain of antenna is 6.54 dBi, which exceeds 6 dBi. Limit = 11 - (6.54 - 6) = 10.46 dBm

5.2 Test Graphs

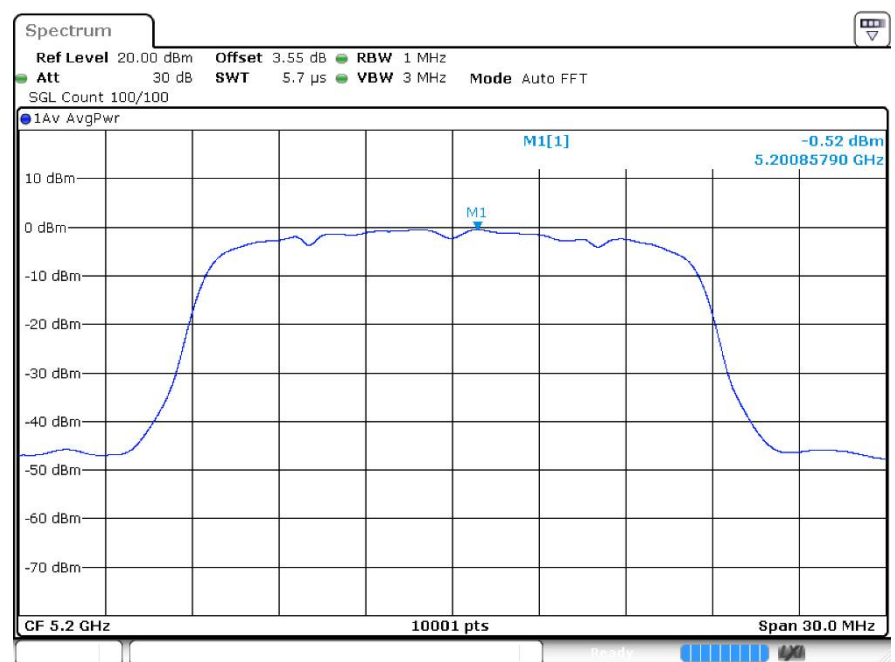


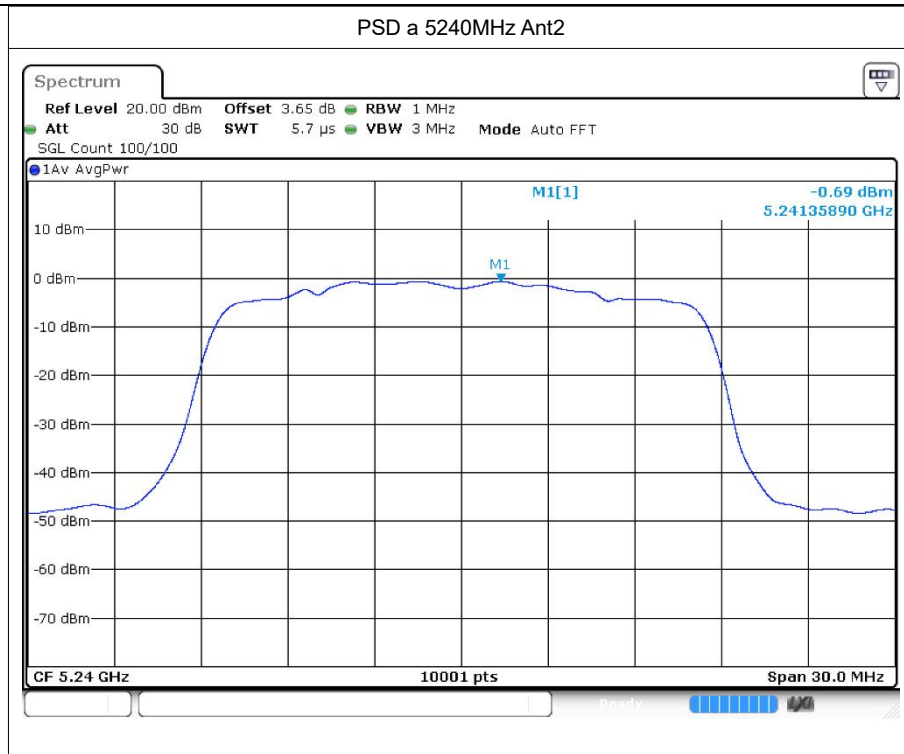


PSD a 5180MHz Ant2

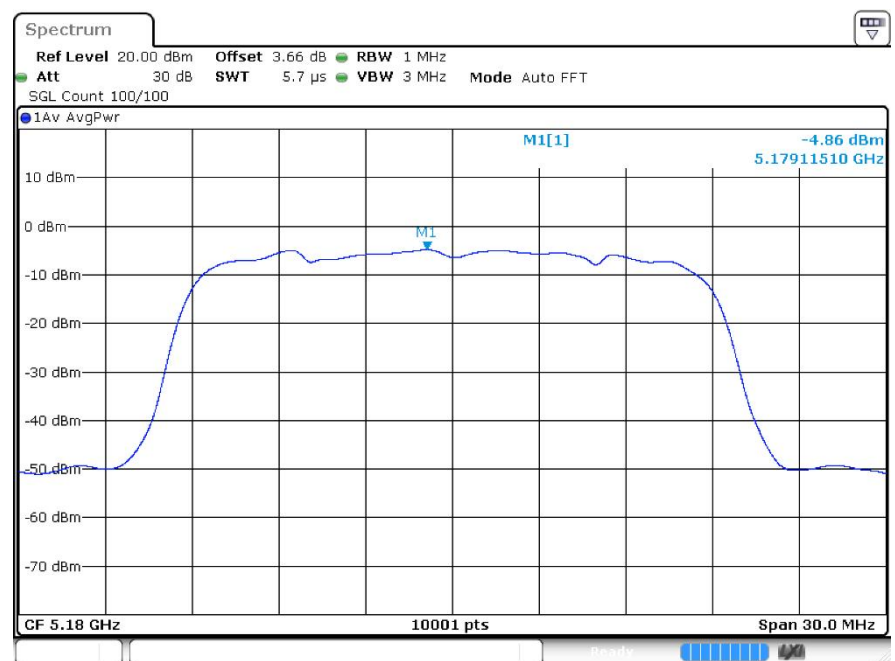


PSD a 5200MHz Ant2

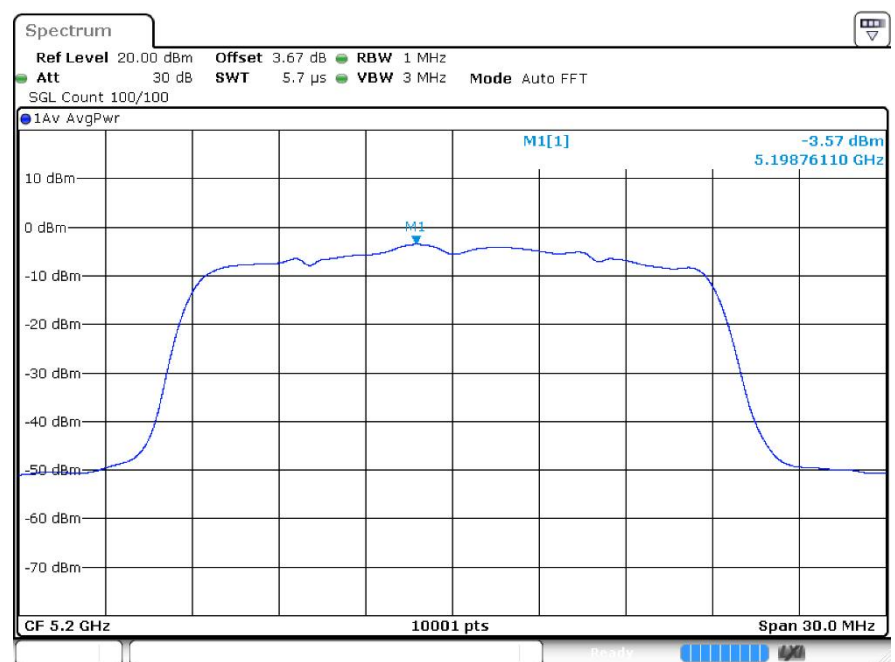


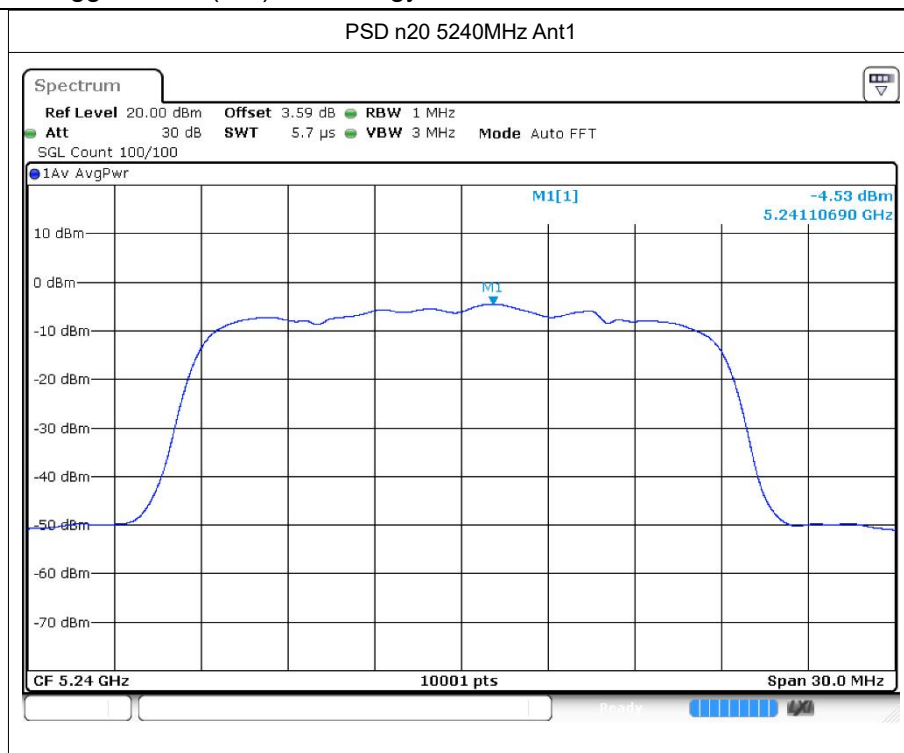


PSD n20 5180MHz Ant1

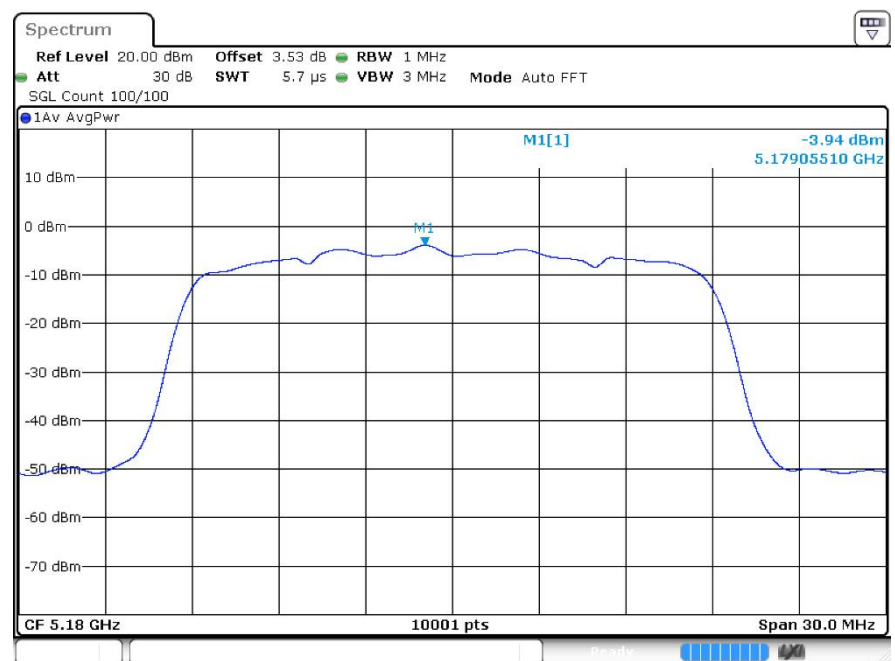


PSD n20 5200MHz Ant1

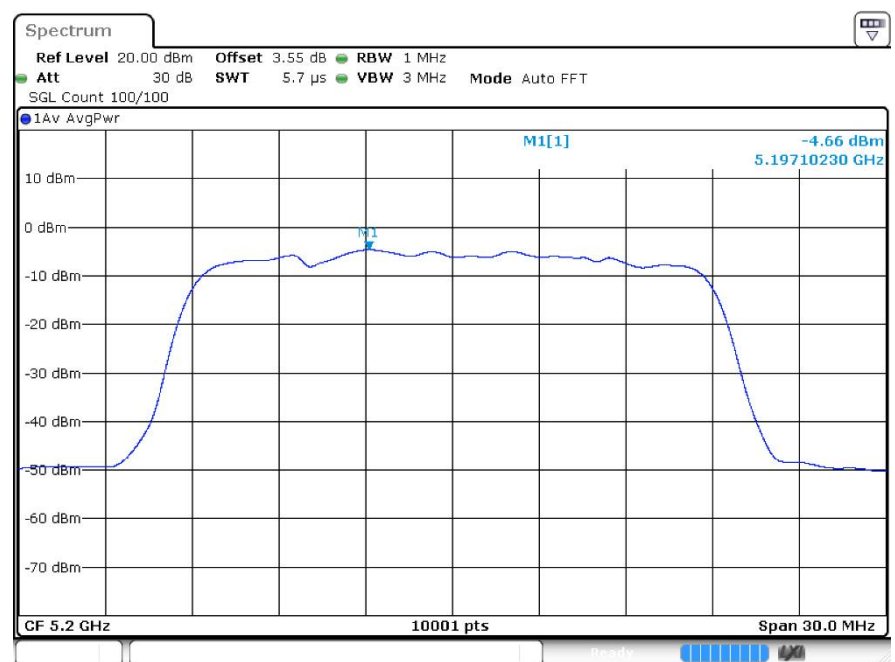


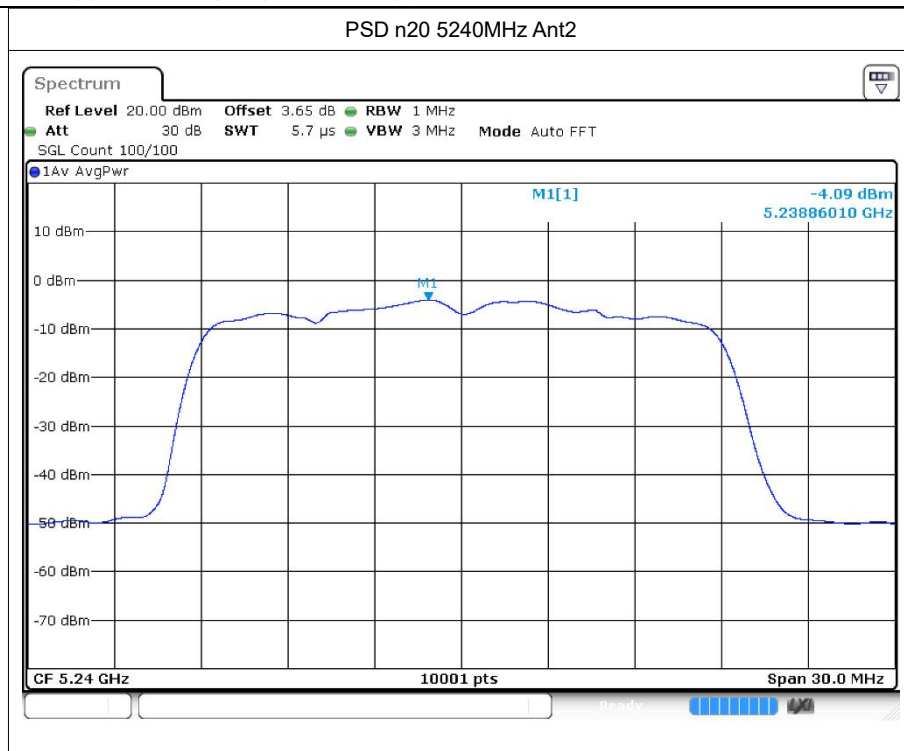


PSD n20 5180MHz Ant2

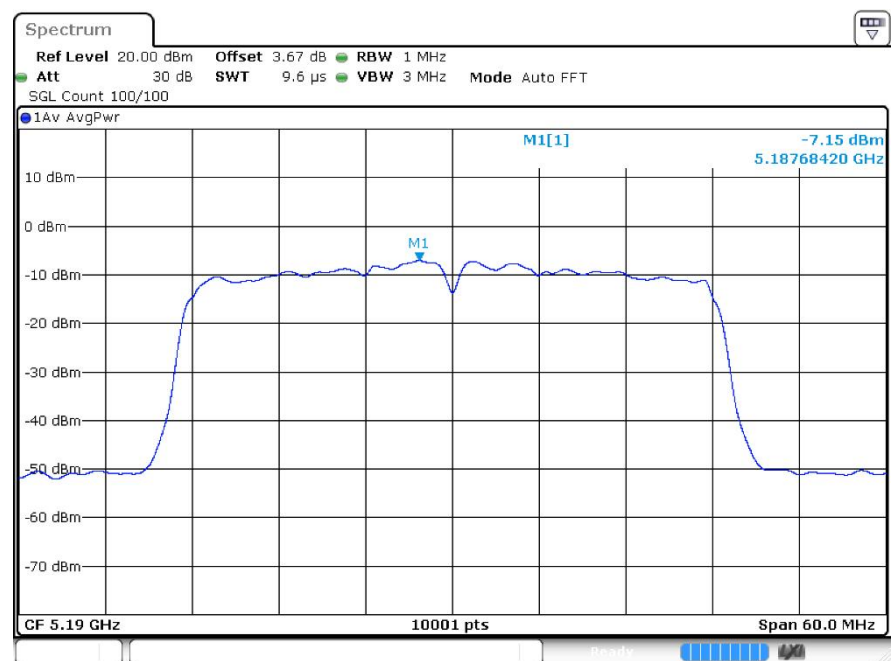


PSD n20 5200MHz Ant2

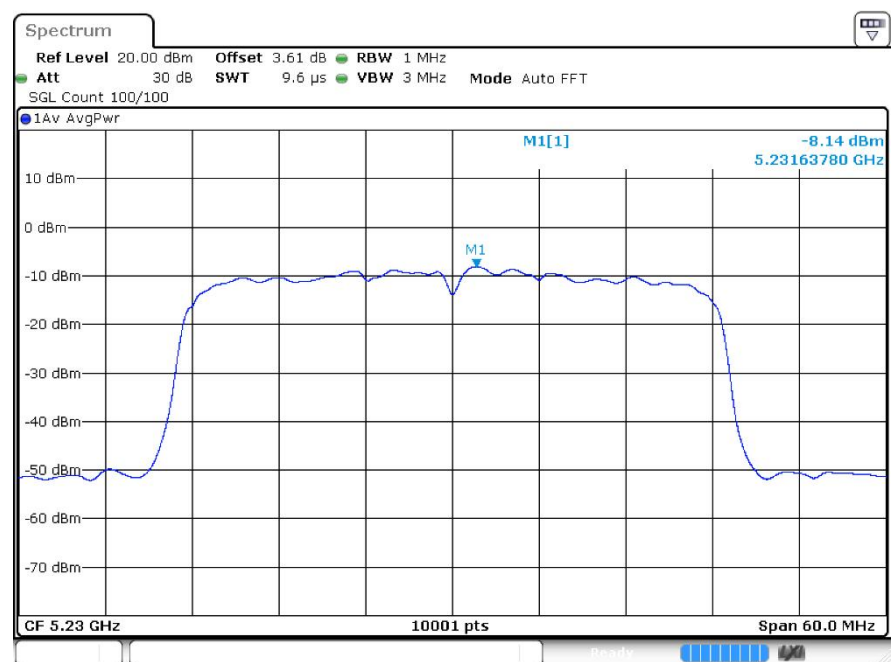




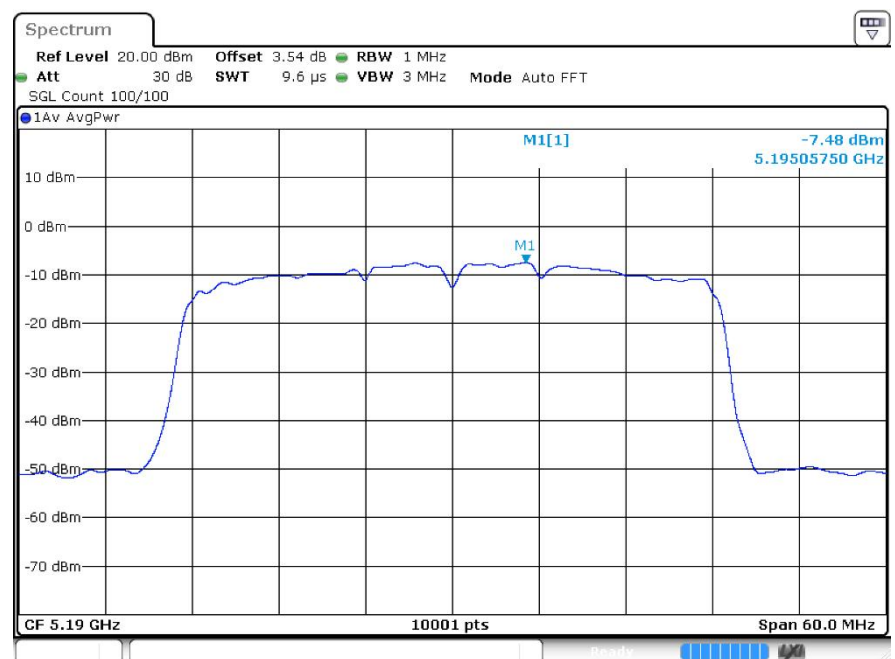
PSD n40 5190MHz Ant1



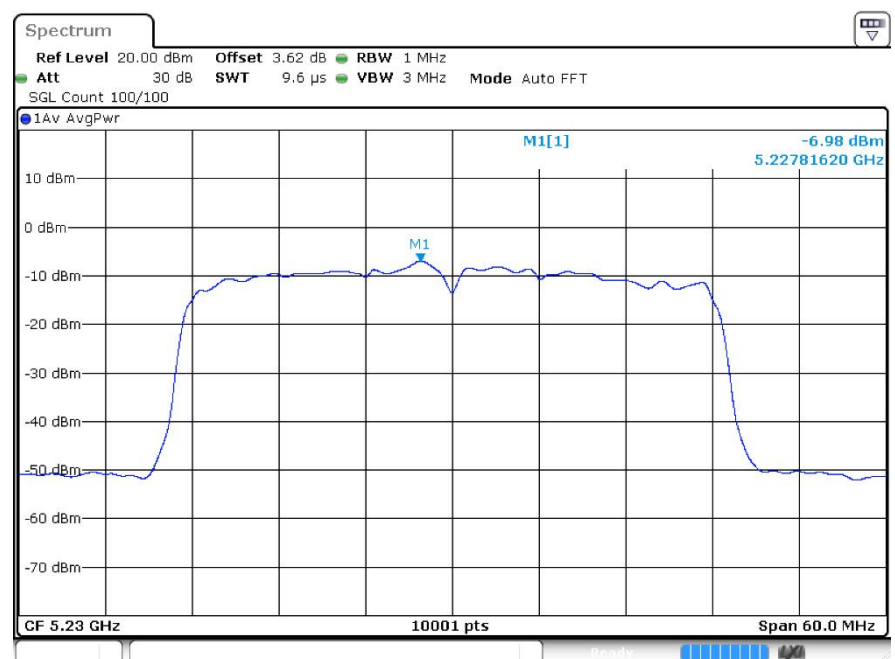
PSD n40 5230MHz Ant1



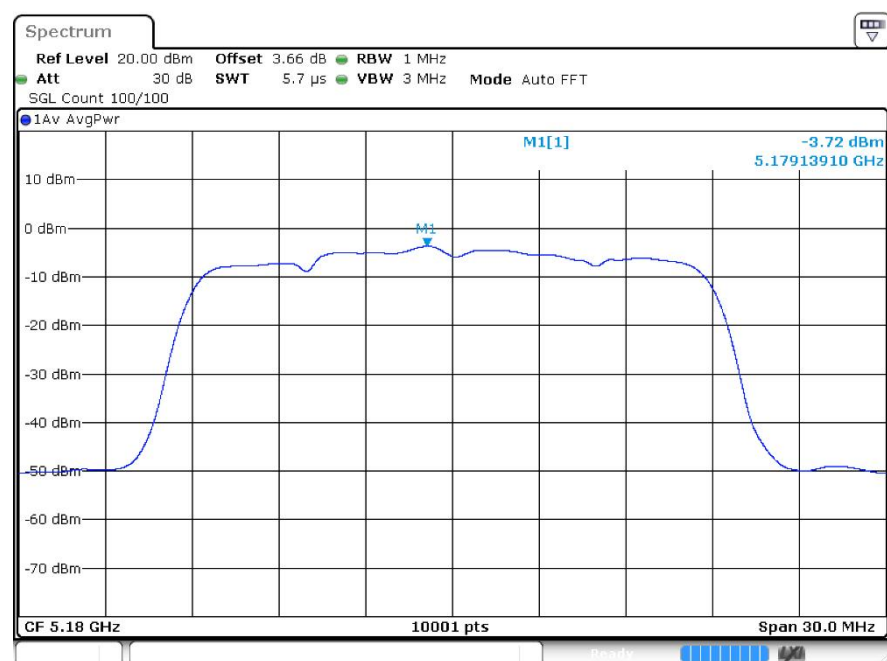
PSD n40 5190MHz Ant2



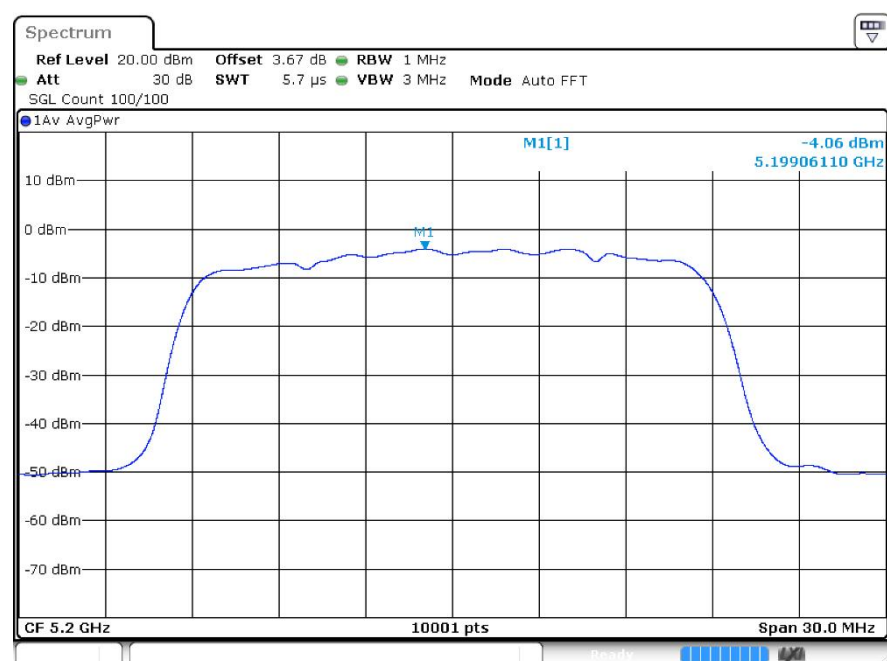
PSD n40 5230MHz Ant2

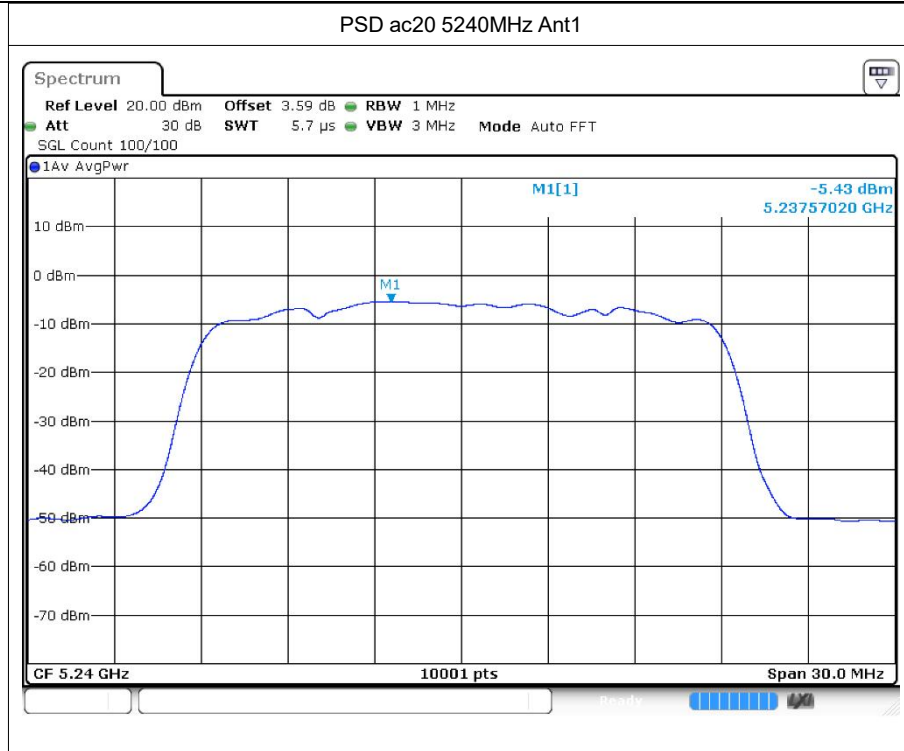


PSD ac20 5180MHz Ant1

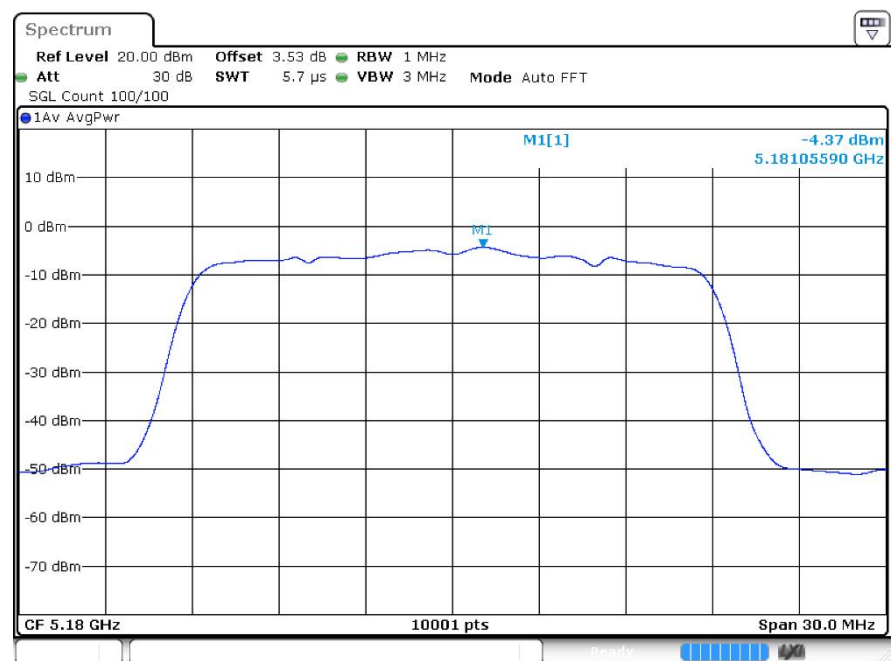


PSD ac20 5200MHz Ant1





PSD ac20 5180MHz Ant2



PSD ac20 5200MHz Ant2

