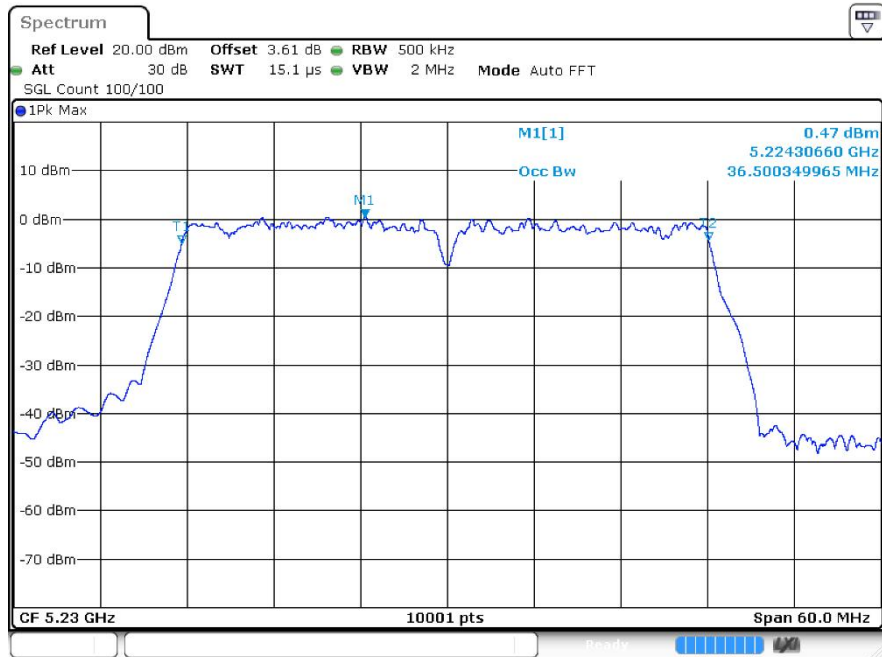
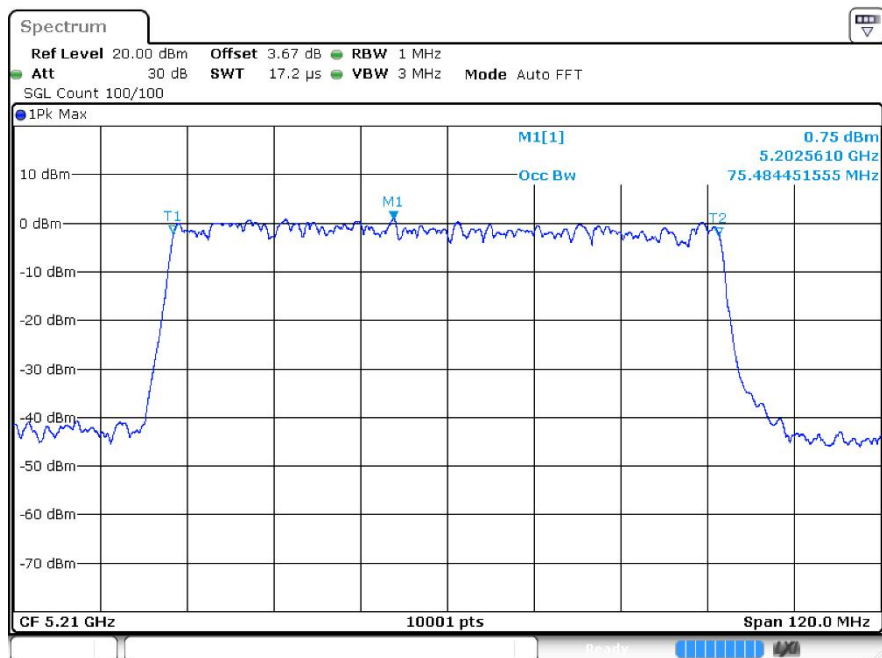


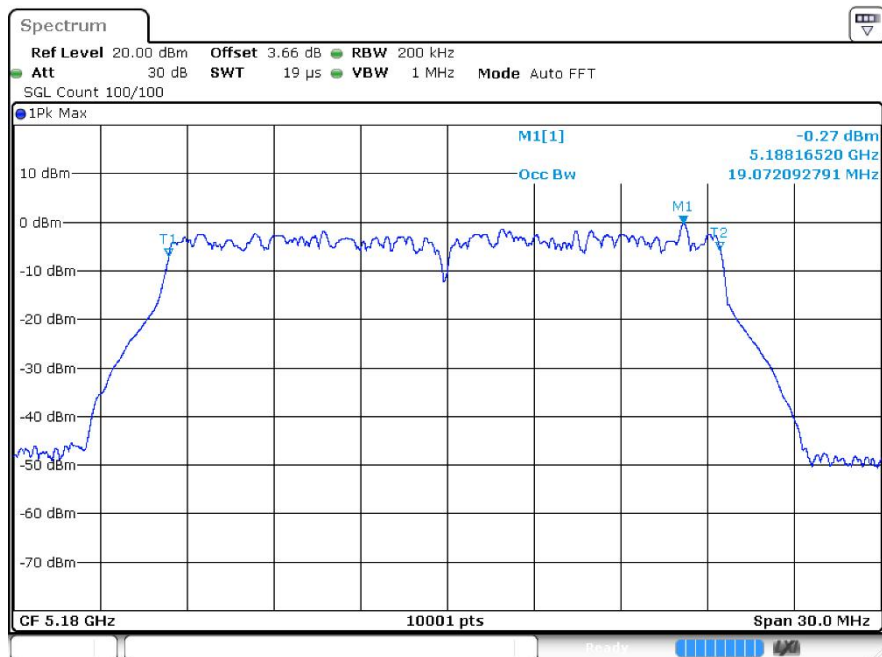
OBWac40 5230MHz Ant1



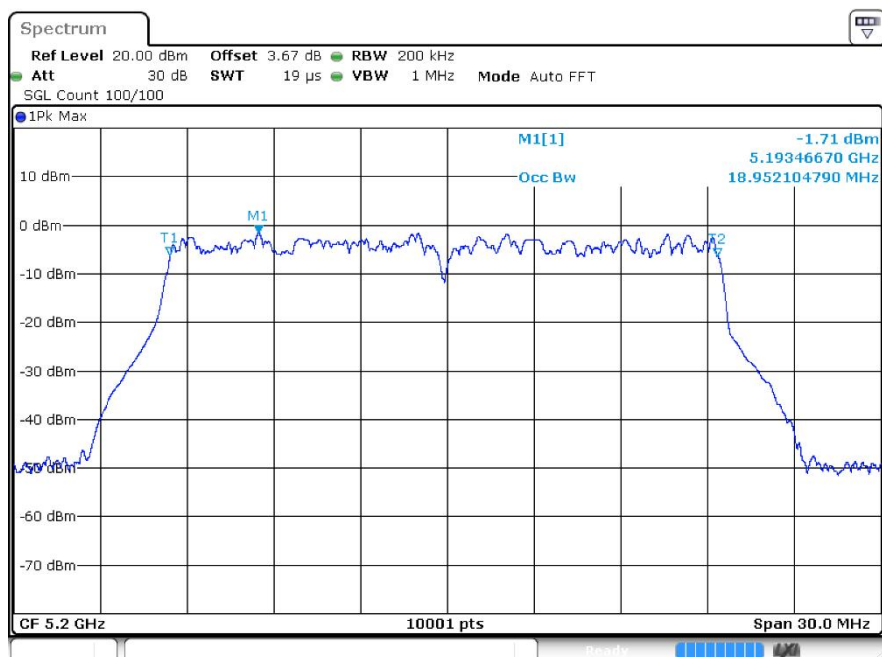
OBWac80 5210MHz Ant1



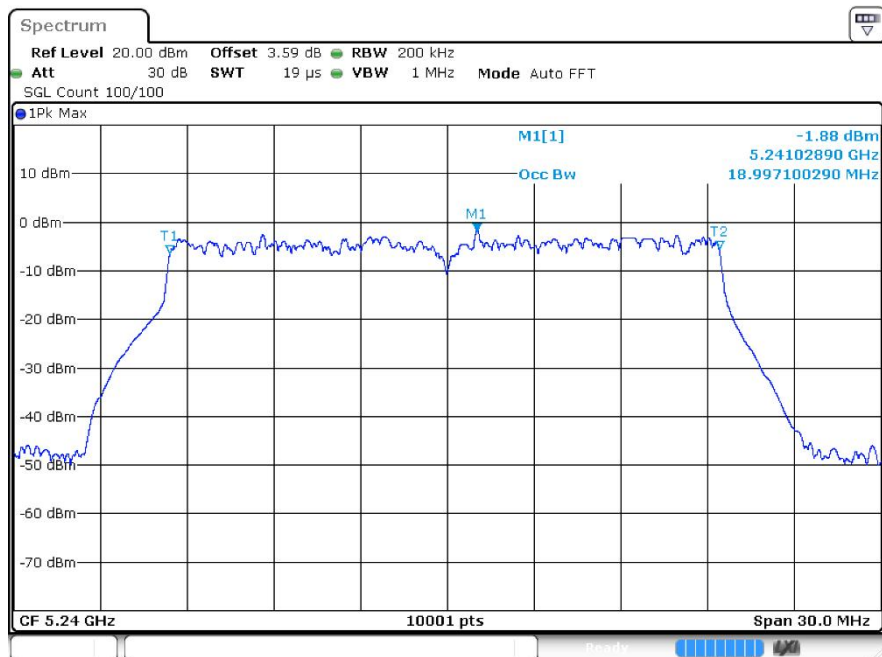
OBW ax20 5180MHz Ant1



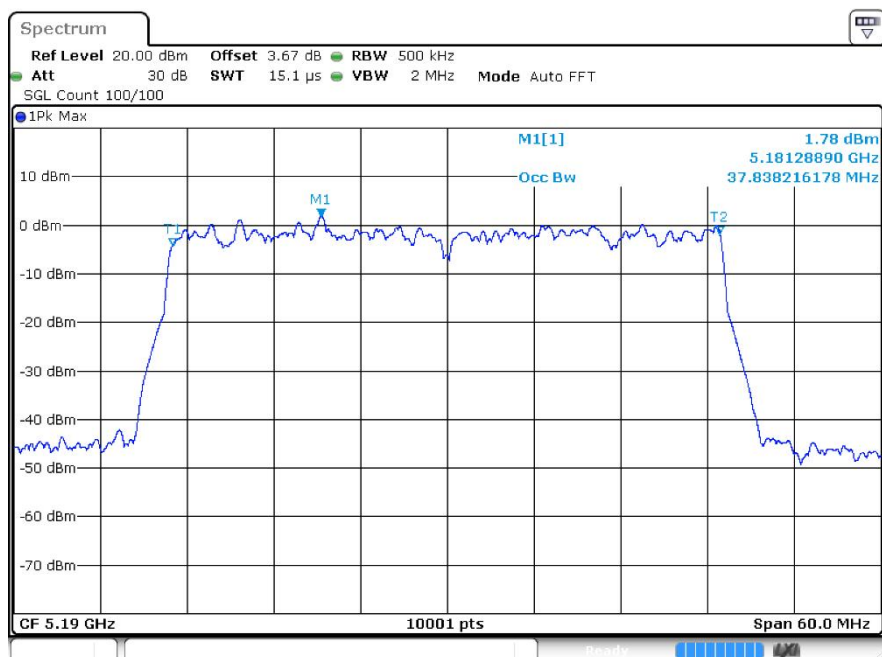
OBW ax20 5200MHz Ant1



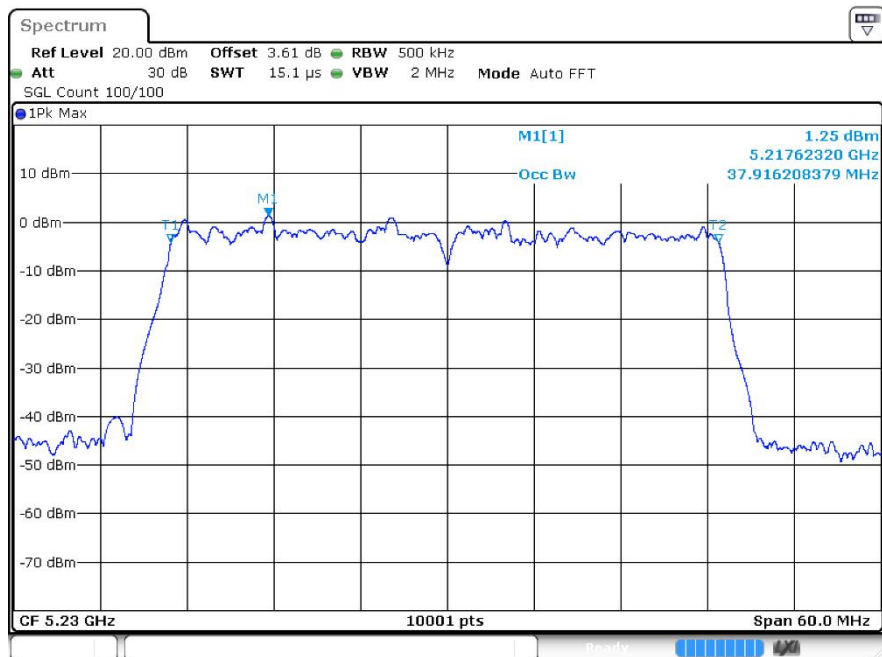
OBW ax20 5240MHz Ant1



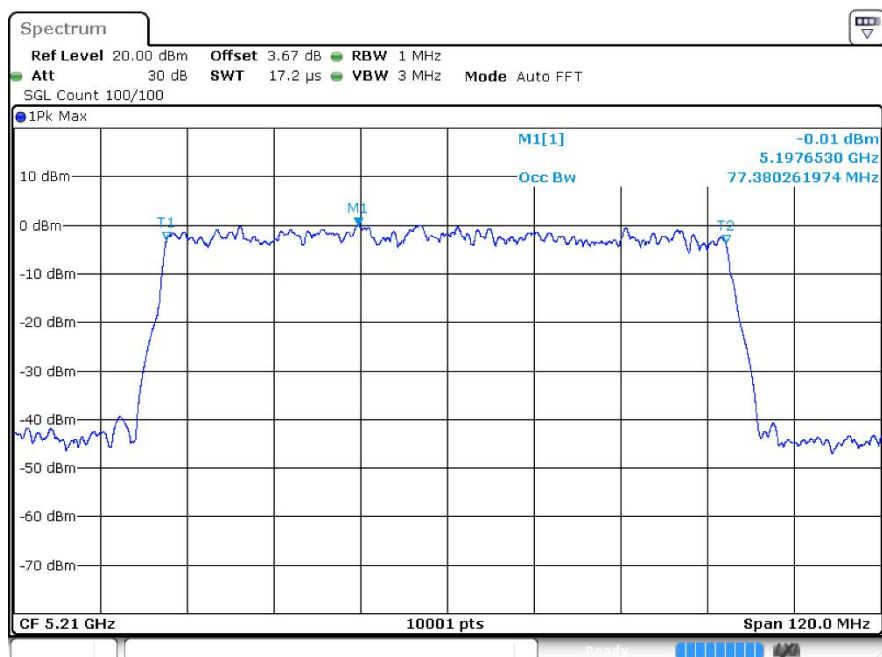
OBWax40 5190MHz Ant1



OBWax40 5230MHz Ant1



OBWax80 5210MHz Ant1

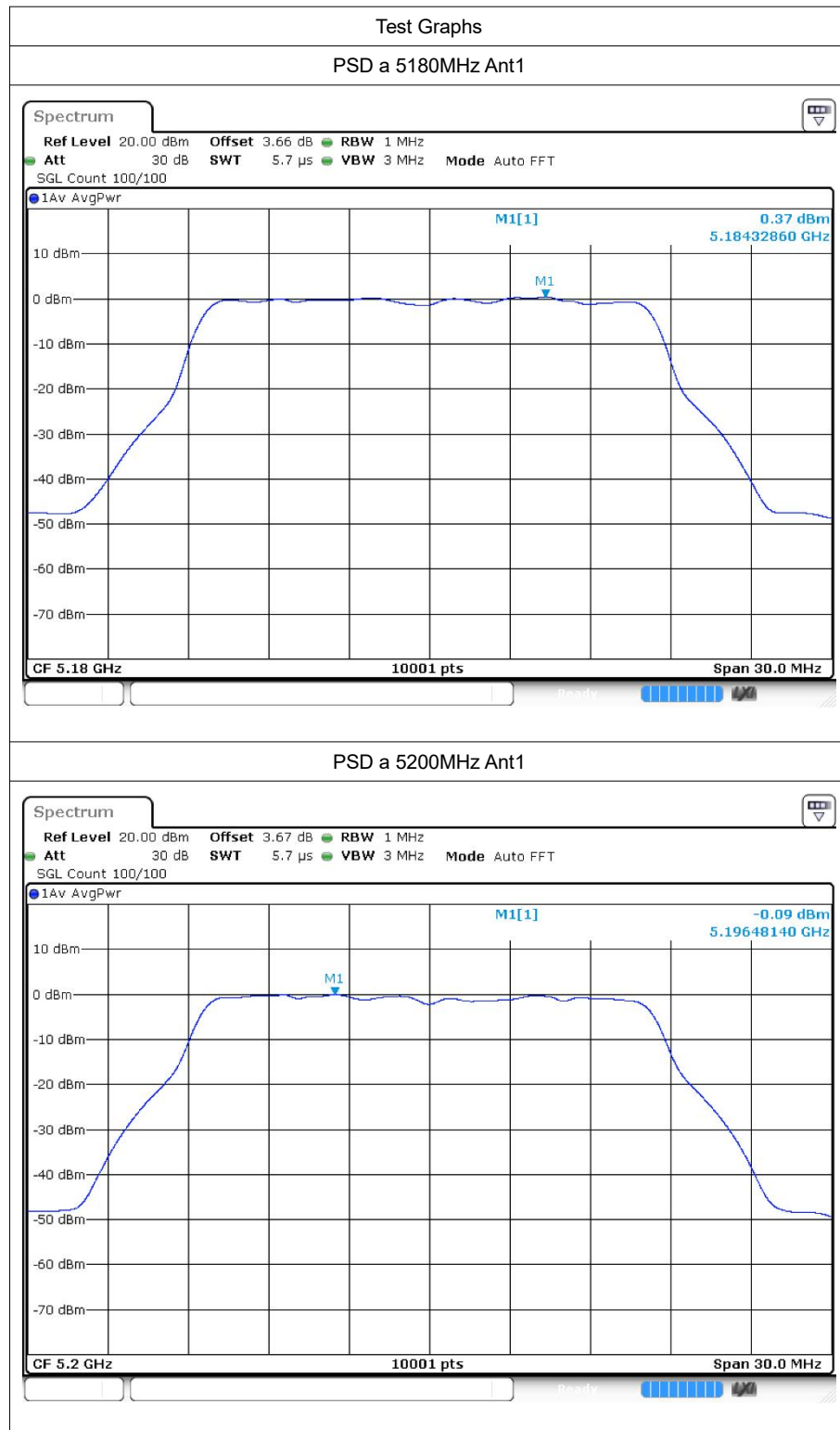


5 Maximum Power Spectral Density Level

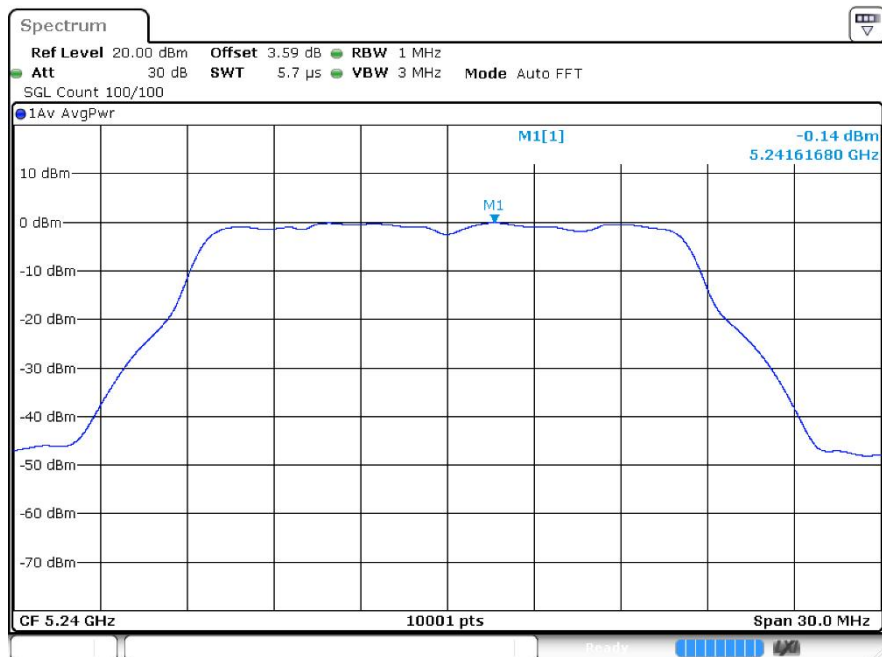
5.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	0.37	0.29	0.66	11	Pass
a	5200	Ant1	-0.09	0.42	0.33	11	Pass
a	5240	Ant1	-0.14	0.29	0.15	11	Pass
n20	5180	Ant1	-0.92	0.49	-0.43	11	Pass
n20	5200	Ant1	-0.73	0.3	-0.43	11	Pass
n20	5240	Ant1	-0.94	0.31	-0.63	11	Pass
n40	5190	Ant1	-3.66	0.46	-3.2	11	Pass
n40	5230	Ant1	-3.57	0.83	-2.74	11	Pass
ac20	5180	Ant1	-0.8	0.45	-0.35	11	Pass
ac20	5200	Ant1	-0.86	0.31	-0.55	11	Pass
ac20	5240	Ant1	-1.34	0.33	-1.01	11	Pass
ac40	5190	Ant1	-3.31	0.75	-2.56	11	Pass
ac40	5230	Ant1	-3.73	0.67	-3.06	11	Pass
ac80	5210	Ant1	-6.83	1.53	-5.3	11	Pass
ax20	5180	Ant1	-2.35	0.37	-1.98	11	Pass
ax20	5200	Ant1	-2.87	0.61	-2.26	11	Pass
ax20	5240	Ant1	-3.61	0.93	-2.68	11	Pass
ax40	5190	Ant1	-4.87	0.25	-4.62	11	Pass
ax40	5230	Ant1	-5.43	0.95	-4.48	11	Pass
ax80	5210	Ant1	-8.15	0.48	-7.67	11	Pass

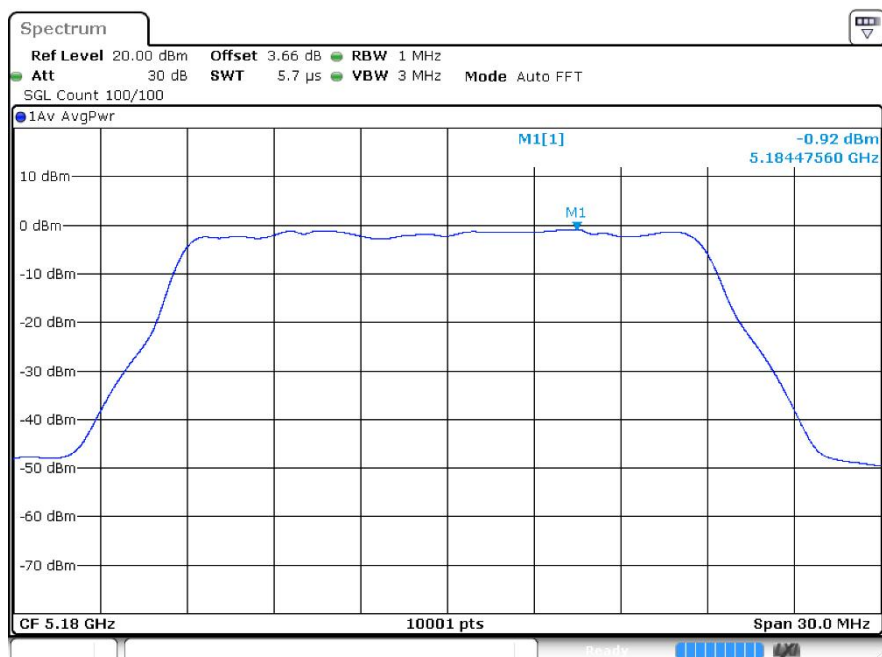
5.2 Test Graphs



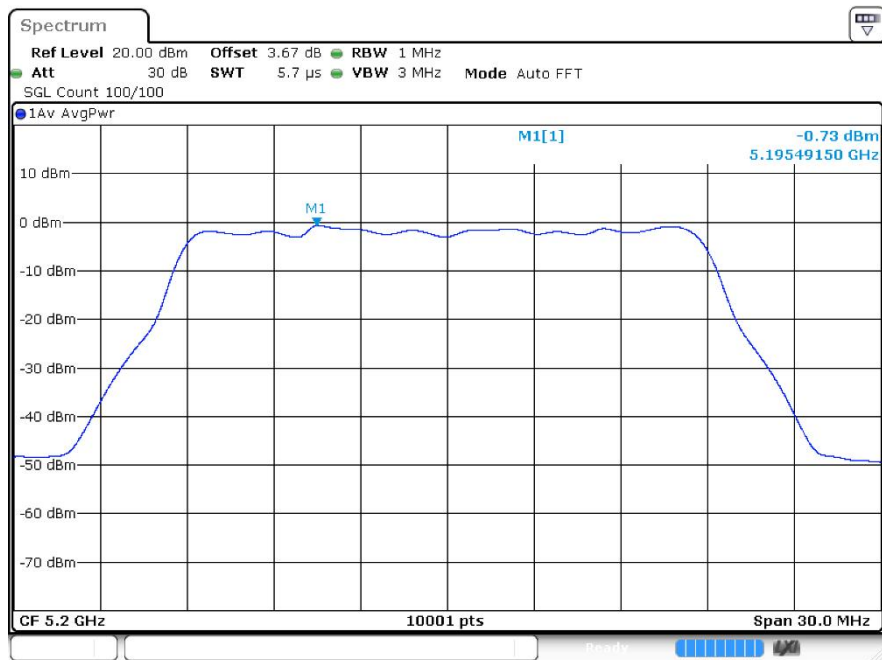
PSD a 5240MHz Ant1



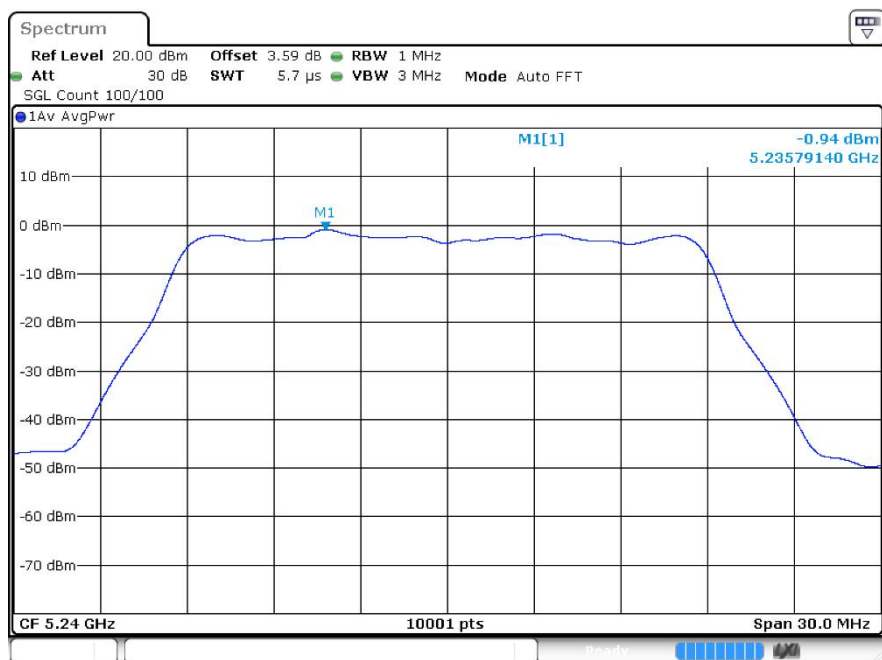
PSD n20 5180MHz Ant1



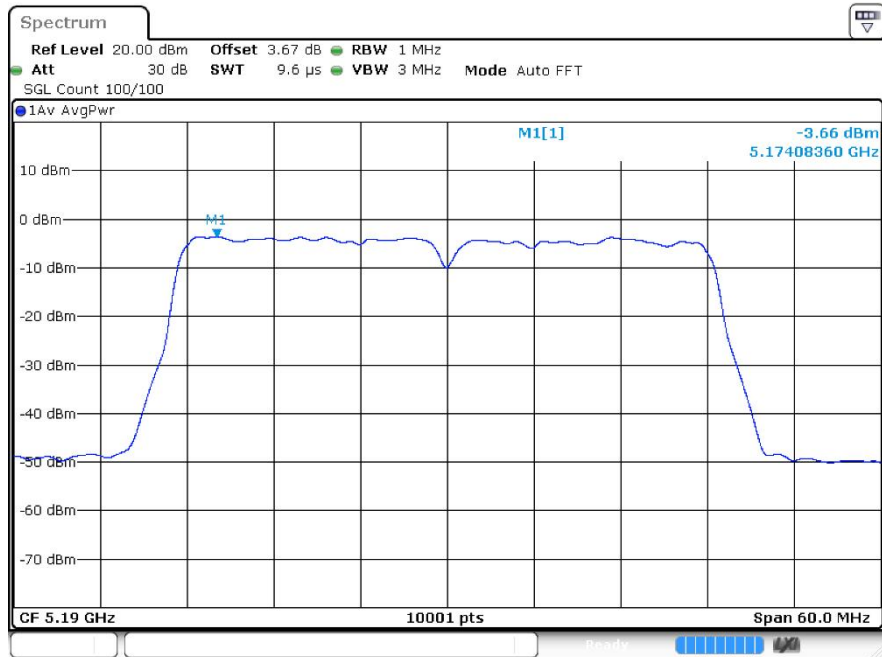
PSD n20 5200MHz Ant1



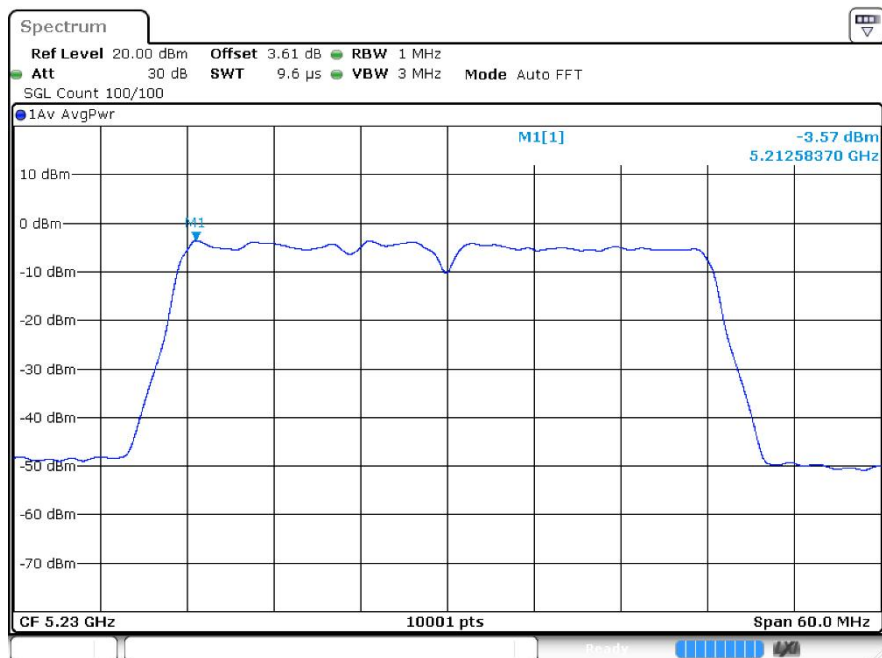
PSD n20 5240MHz Ant1



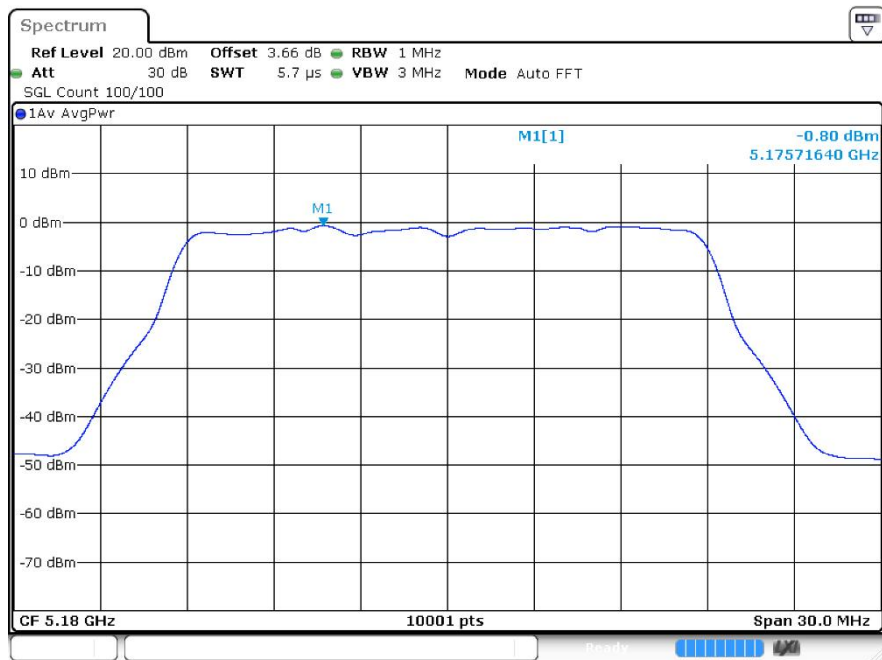
PSDn40 5190MHz Ant1



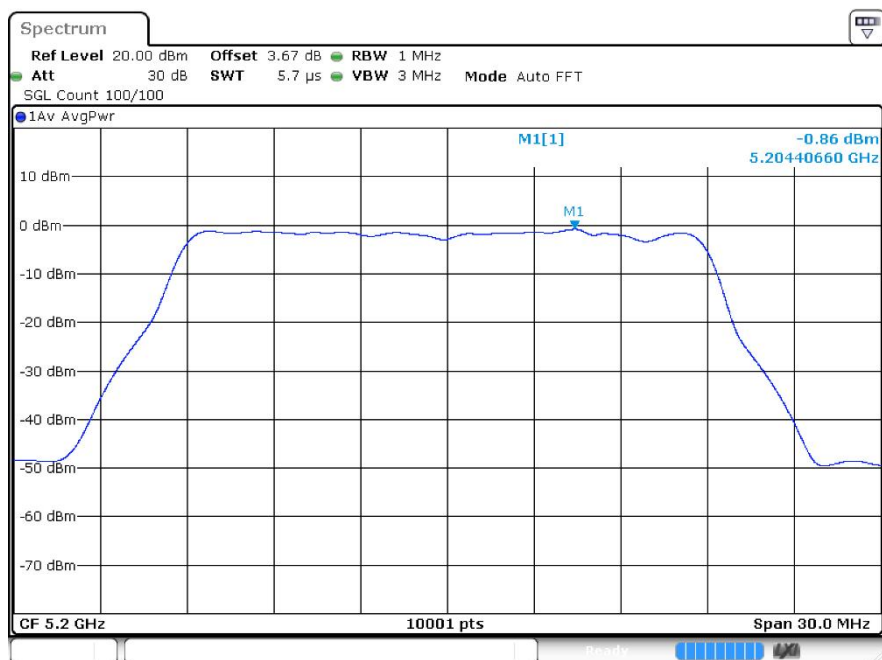
PSDn40 5230MHz Ant1



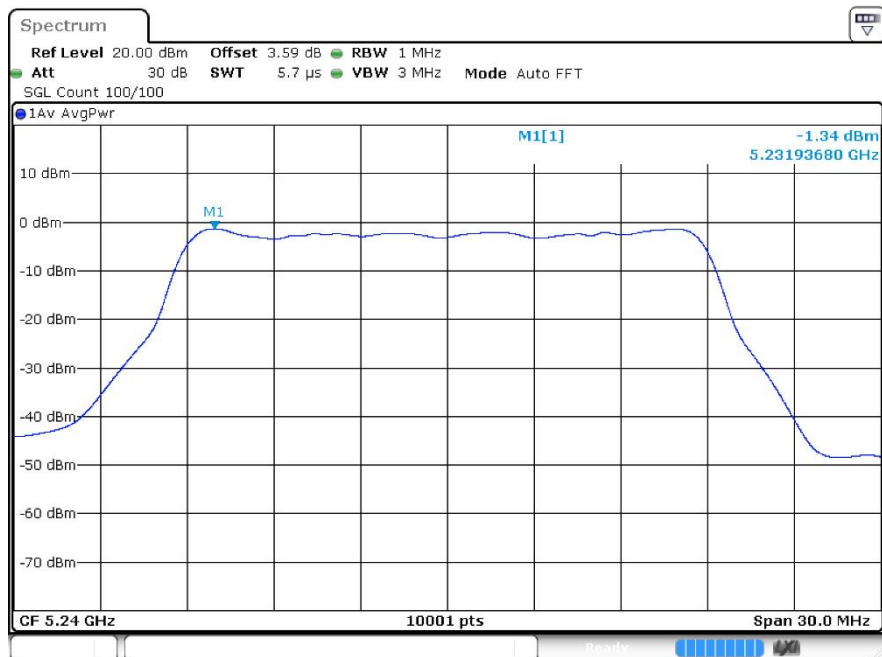
PSD ac20 5180MHz Ant1



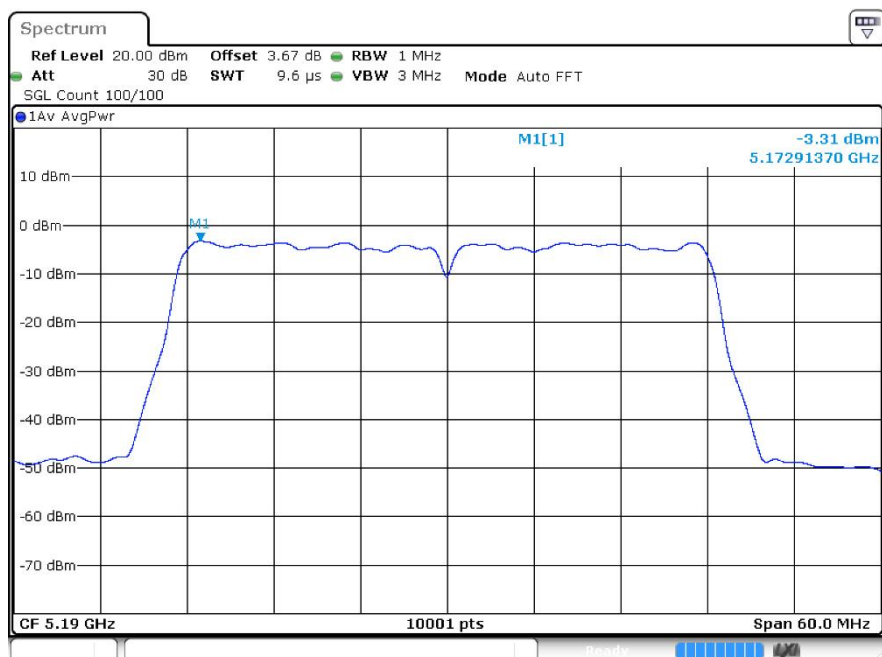
PSD ac20 5200MHz Ant1



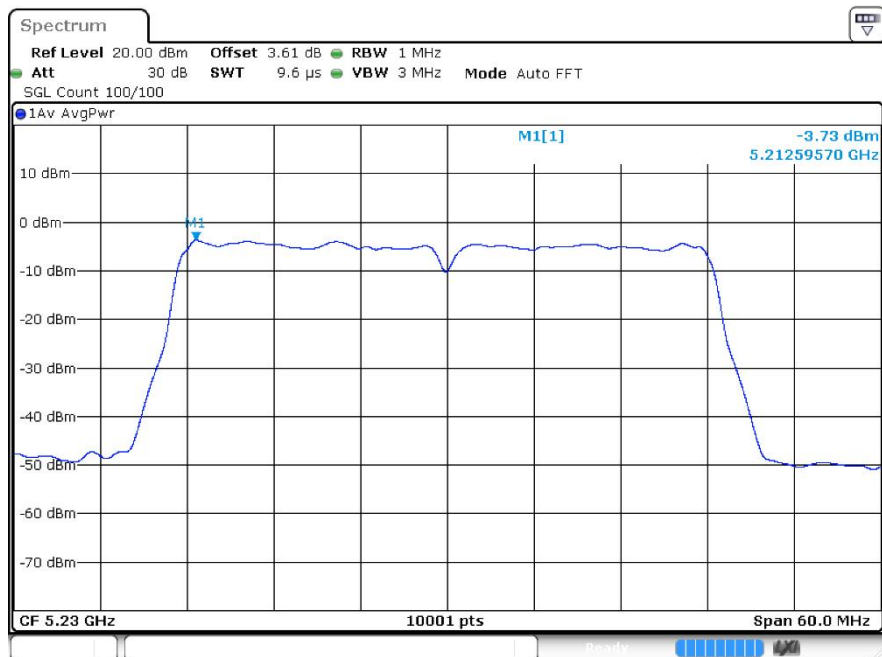
PSD ac20 5240MHz Ant1



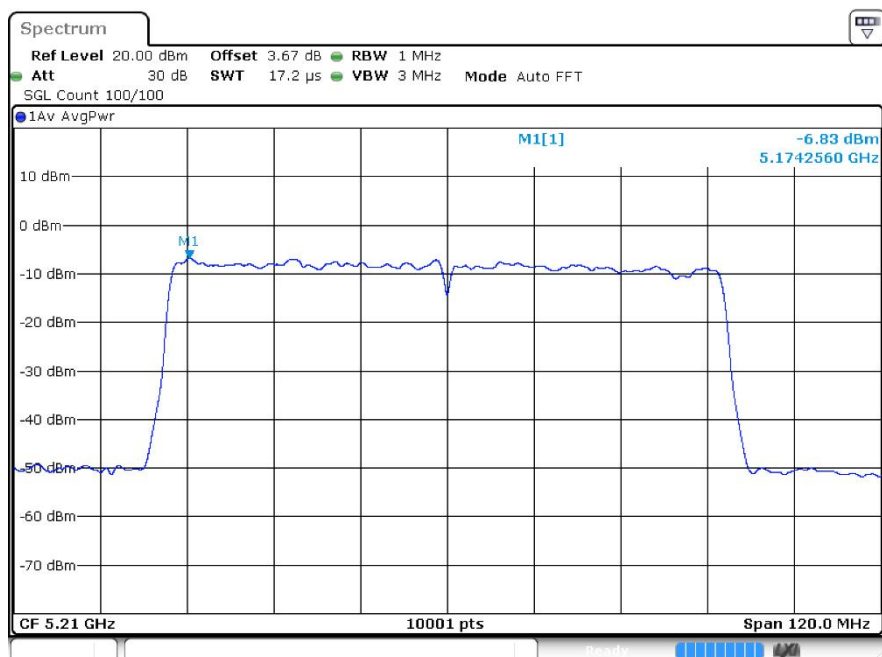
PSDac40 5190MHz Ant1



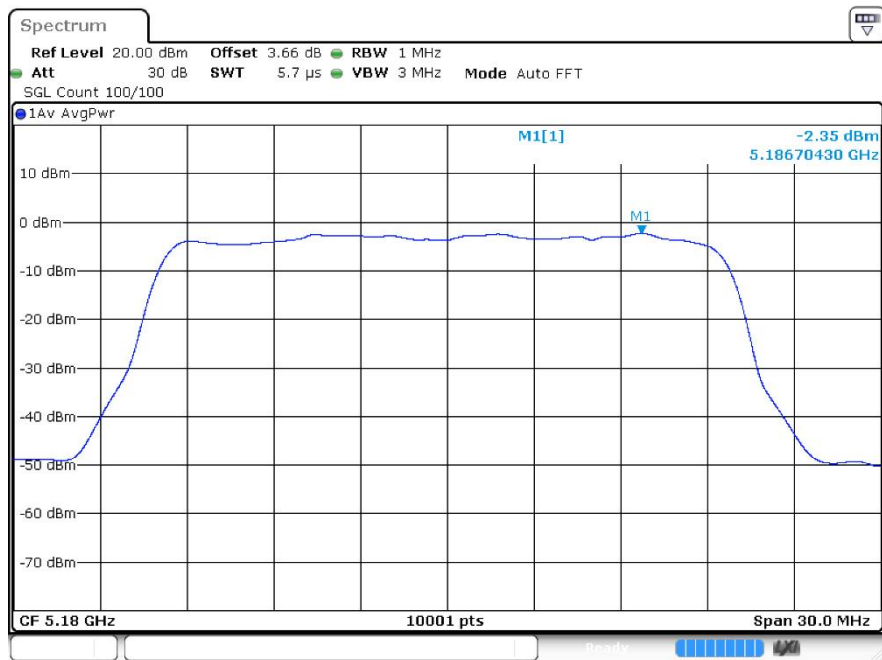
PSDac40 5230MHz Ant1



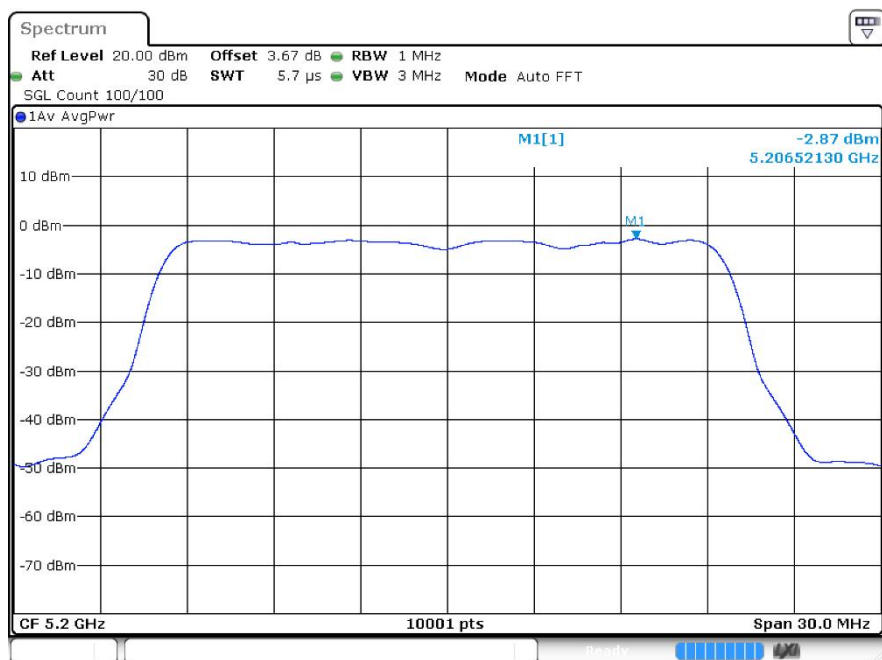
PSDac80 5210MHz Ant1



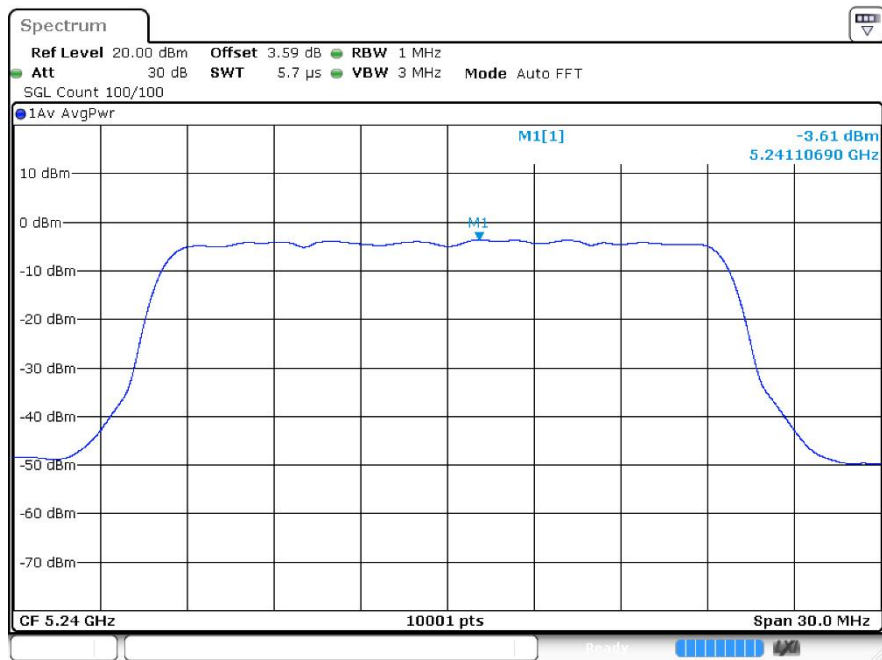
PSD ax20 5180MHz Ant1



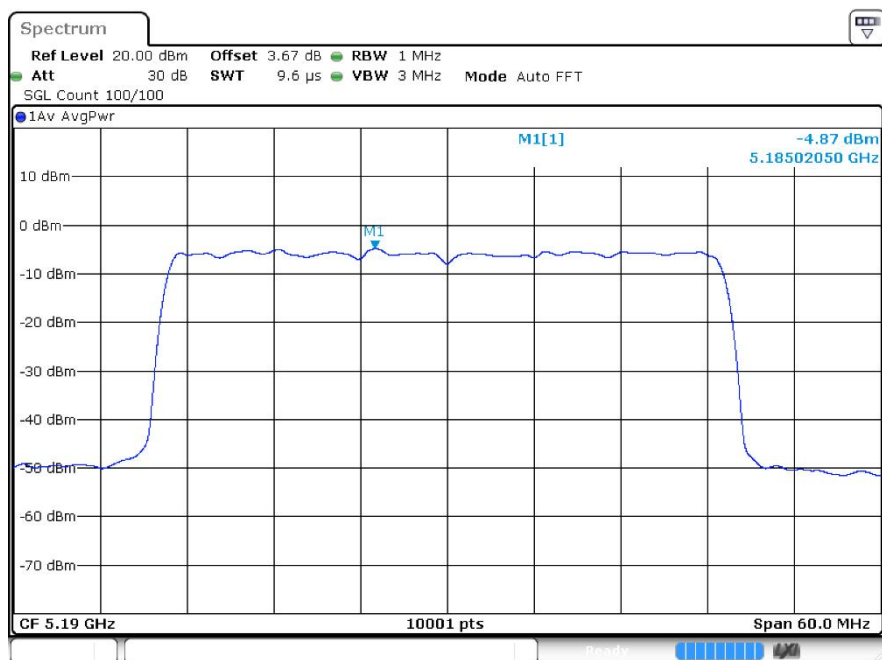
PSD ax20 5200MHz Ant1



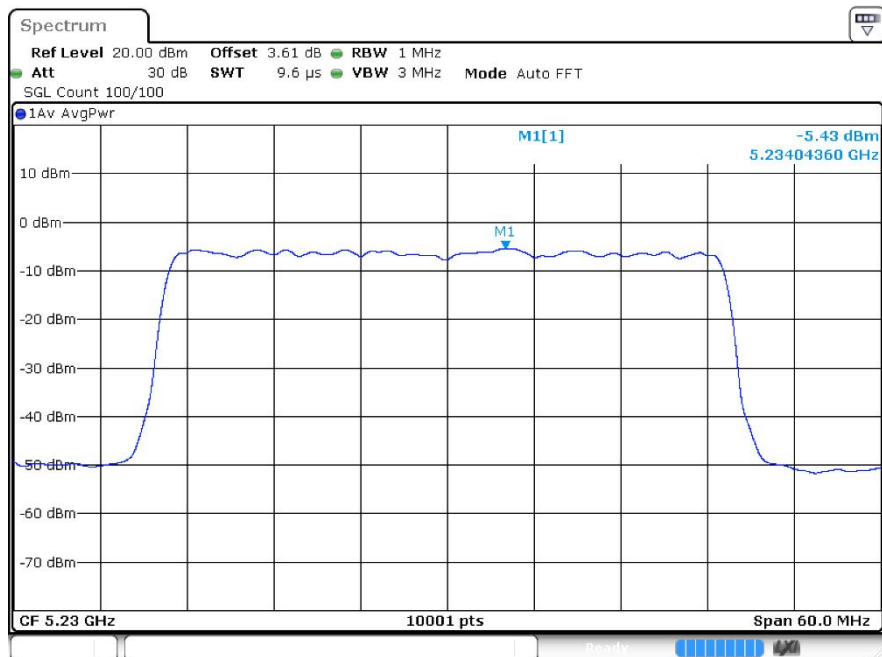
PSD ax20 5240MHz Ant1



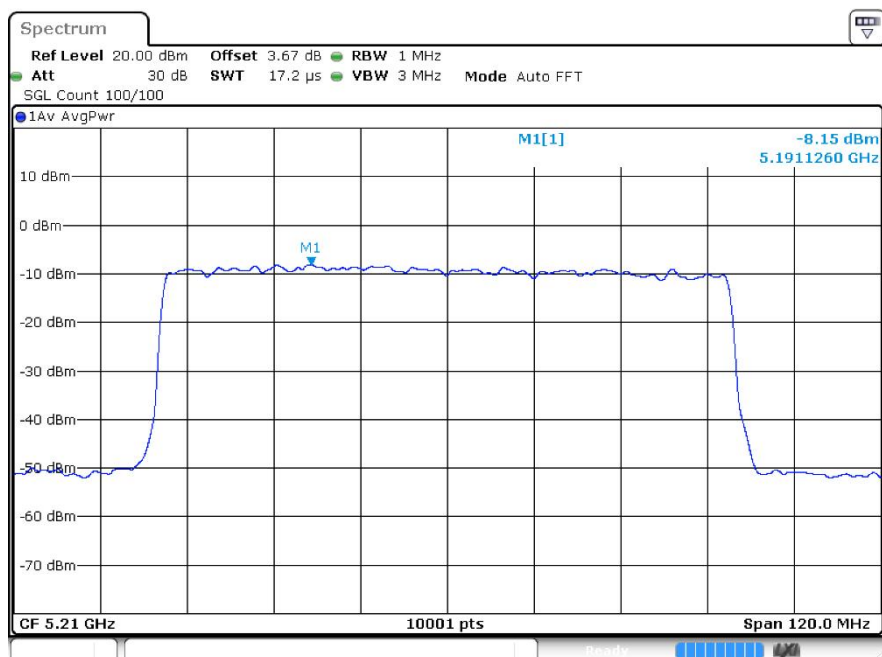
PSDax40 5190MHz Ant1



PSDax40 5230MHz Ant1



PSDax80 5210MHz Ant1





6 Frequency Stability

6.1 Test Result

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 120V	a	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 138V	a	5180	Ant1	5179.92	-80000	-15.44	25	Pass
-20C 120V	a	5180	Ant1	5179.9	-100000	-19.31	25	Pass
-10C 120V	a	5180	Ant1	5179.9	-100000	-19.31	25	Pass
0C 120V	a	5180	Ant1	5179.9	-100000	-19.31	25	Pass
10C 120V	a	5180	Ant1	5179.92	-80000	-15.44	25	Pass
30C 120V	a	5180	Ant1	5179.92	-80000	-15.44	25	Pass
40C 120V	a	5180	Ant1	5179.92	-80000	-15.44	25	Pass
50C 120V	a	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 102V	a	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 138V	a	5200	Ant1	5199.92	-80000	-15.38	25	Pass
-20C 120V	a	5200	Ant1	5199.92	-80000	-15.38	25	Pass
-10C 120V	a	5200	Ant1	5199.92	-80000	-15.38	25	Pass
0C 120V	a	5200	Ant1	5199.9	-100000	-19.23	25	Pass
10C 120V	a	5200	Ant1	5199.92	-80000	-15.38	25	Pass
30C 120V	a	5200	Ant1	5199.9	-100000	-19.23	25	Pass
40C 120V	a	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 102V	a	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 102V	a	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 120V	a	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 138V	a	5240	Ant1	5239.9	-100000	-19.08	25	Pass
-20C 120V	a	5240	Ant1	5239.92	-80000	-15.27	25	Pass
-10C 120V	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
0C 120V	a	5240	Ant1	5239.9	-100000	-19.08	25	Pass
10C 120V	a	5240	Ant1	5239.9	-100000	-19.08	25	Pass
30C 120V	a	5240	Ant1	5239.92	-80000	-15.27	25	Pass
40C 120V	a	5240	Ant1	5239.92	-80000	-15.27	25	Pass
50C 120V	a	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 102V	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 120V	n20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 138V	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
-20C 120V	n20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
-10C 120V	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
0C 120V	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass



10C 120V	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
30C 120V	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
40C 120V	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
50C 120V	n20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 102V	n20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 120V	n20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 138V	n20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
-20C 120V	n20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
-10C 120V	n20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
0C 120V	n20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
10C 120V	n20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
30C 120V	n20	5200	Ant1	5199.88	-120000	-23.08	25	Pass
40C 120V	n20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
50C 120V	n20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
20C 102V	n20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 120V	n20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 138V	n20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
-20C 120V	n20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
-10C 120V	n20	5240	Ant1	5239.88	-120000	-22.9	25	Pass
0C 120V	n20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
10C 120V	n20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
30C 120V	n20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
40C 120V	n20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
50C 120V	n20	5240	Ant1	5239.88	-120000	-22.9	25	Pass
20C 102V	n40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
20C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
-20C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
-10C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
0C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
10C 120V	n40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
30C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
40C 120V	n40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
50C 120V	n40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
20C 102V	n40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
20C 120V	n40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
20C 138V	n40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
-20C 120V	n40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
-10C 120V	n40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
0C 120V	n40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
10C 120V	n40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
30C 120V	n40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
40C 120V	n40	5230	Ant1	5229.88	-120000	-22.94	25	Pass



50C 120V	n40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
20C 102V	ac20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 138V	ac20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
-20C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
-10C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
0C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
10C 120V	ac20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
30C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
40C 120V	ac20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
50C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 102V	ac20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
20C 120V	ac20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 138V	ac20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
-20C 120V	ac20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
-10C 120V	ac20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
0C 120V	ac20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
10C 120V	ac20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
30C 120V	ac20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
40C 120V	ac20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
50C 120V	ac20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 102V	ac20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 120V	ac20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 138V	ac20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
-20C 120V	ac20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
-10C 120V	ac20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
0C 120V	ac20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
10C 120V	ac20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
30C 120V	ac20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
40C 120V	ac20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
50C 120V	ac20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 102V	ac40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
20C 120V	ac40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
20C 138V	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
-20C 120V	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
-10C 120V	ac40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
0C 120V	ac40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
10C 120V	ac40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
30C 120V	ac40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
40C 120V	ac40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
50C 120V	ac40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
20C 102V	ac40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
20C 120V	ac40	5230	Ant1	5229.88	-120000	-22.94	25	Pass



20C 138V	ac40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-20C 120V	ac40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
-10C 120V	ac40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
0C 120V	ac40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
10C 120V	ac40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
30C 120V	ac40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
40C 120V	ac40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
50C 120V	ac40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
20C 102V	ac80	5210	Ant1	5209.84	-160000	-30.71	25	Pass
20C 120V	ac80	5210	Ant1	5209.84	-160000	-30.71	25	Pass
20C 138V	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
-20C 120V	ac80	5210	Ant1	5209.84	-160000	-30.71	25	Pass
-10C 120V	ac80	5210	Ant1	5209.84	-160000	-30.71	25	Pass
0C 120V	ac80	5210	Ant1	5209.84	-160000	-30.71	25	Pass
10C 120V	ac80	5210	Ant1	5209.84	-160000	-30.71	25	Pass
30C 120V	ac80	5210	Ant1	5209.84	-160000	-30.71	25	Pass
40C 120V	ac80	5210	Ant1	5209.84	-160000	-30.71	25	Pass
50C 120V	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
20C 102V	ax20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 120V	ax20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 138V	ax20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
-20C 120V	ax20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
-10C 120V	ax20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
0C 120V	ax20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
10C 120V	ax20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
30C 120V	ax20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
40C 120V	ax20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
50C 120V	ax20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 102V	ax20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
20C 120V	ax20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
20C 138V	ax20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
-20C 120V	ax20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
-10C 120V	ax20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
0C 120V	ax20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
10C 120V	ax20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
30C 120V	ax20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
40C 120V	ax20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
50C 120V	ax20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
20C 102V	ax20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 120V	ax20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 138V	ax20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
-20C 120V	ax20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
-10C 120V	ax20	5240	Ant1	5239.9	-100000	-19.08	25	Pass



0C 120V	ax20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
10C 120V	ax20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
30C 120V	ax20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
40C 120V	ax20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
50C 120V	ax20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 102V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
20C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
20C 138V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
-20C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
-10C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
0C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
10C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
30C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
40C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
50C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
20C 102V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
20C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
20C 138V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-20C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-10C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
0C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
10C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
30C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
40C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
50C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
20C 102V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
20C 120V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
20C 138V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
-20C 120V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
-10C 120V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
0C 120V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
10C 120V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
30C 120V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
40C 120V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
50C 120V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass

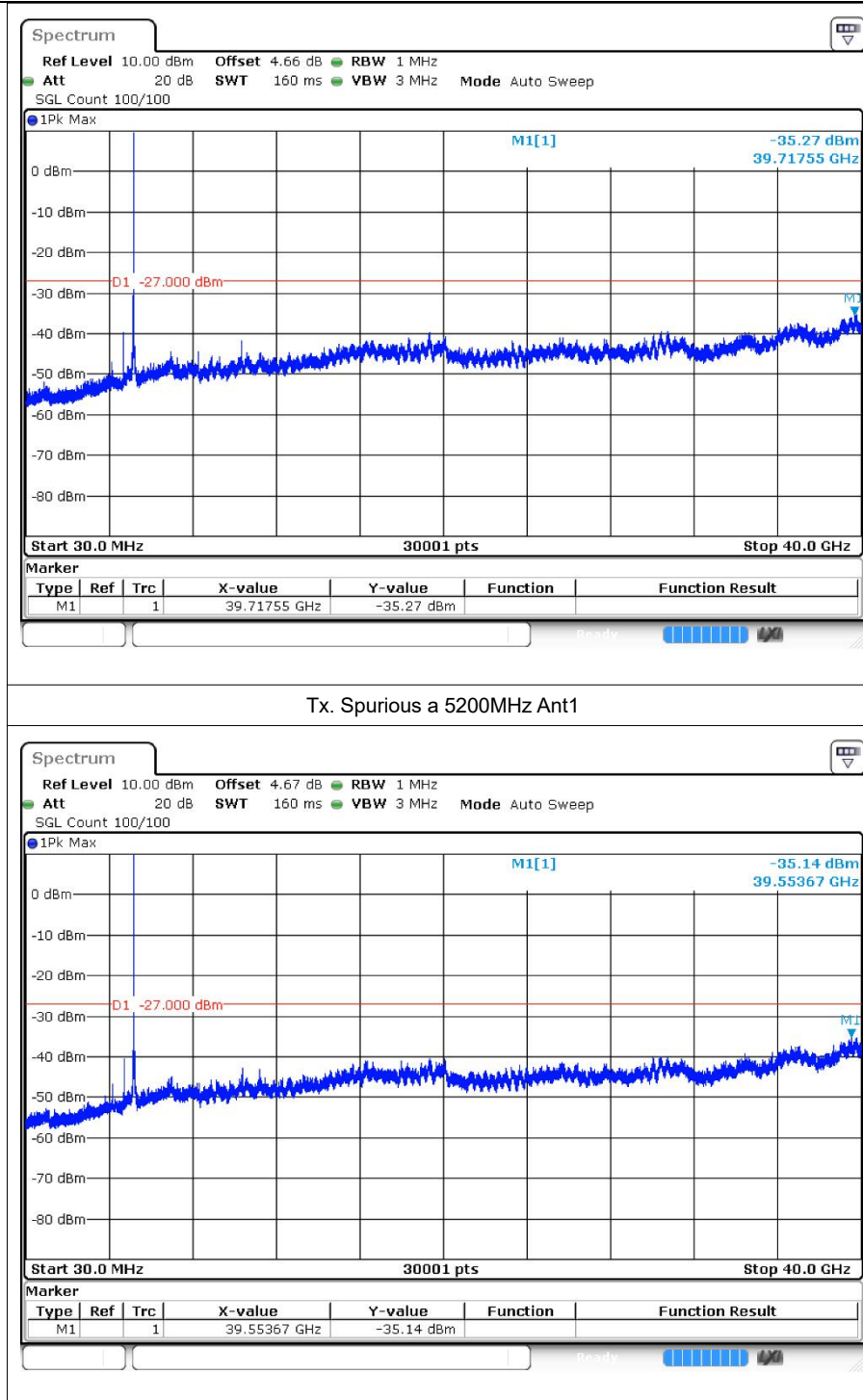
7 Conducted RF Spurious Emission

7.1 Test Result

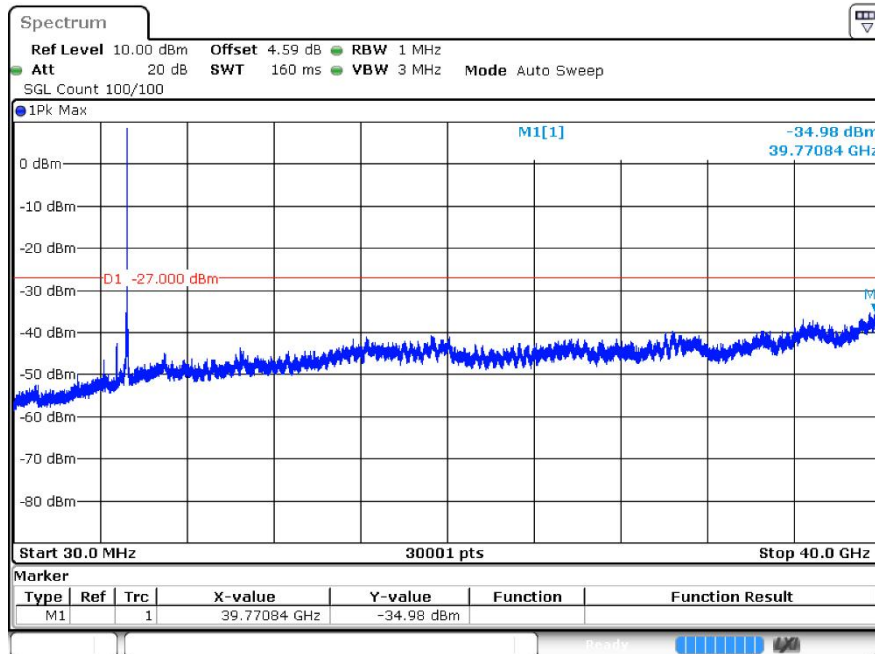
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
a	5180	Ant1	-35.27	-27	Pass
a	5200	Ant1	-35.14	-27	Pass
a	5240	Ant1	-34.97	-27	Pass
n20	5180	Ant1	-35.8	-27	Pass
n20	5200	Ant1	-35.74	-27	Pass
n20	5240	Ant1	-35.39	-27	Pass
n40	5190	Ant1	-34.64	-27	Pass
n40	5230	Ant1	-35.9	-27	Pass
ac20	5180	Ant1	-35.81	-27	Pass
ac20	5200	Ant1	-35.47	-27	Pass
ac20	5240	Ant1	-35.68	-27	Pass
ac40	5190	Ant1	-35.27	-27	Pass
ac40	5230	Ant1	-35.8	-27	Pass
ac80	5210	Ant1	-35.03	-27	Pass
ax20	5180	Ant1	-35.51	-27	Pass
ax20	5200	Ant1	-35.05	-27	Pass
ax20	5240	Ant1	-35.99	-27	Pass
ax40	5190	Ant1	-35.32	-27	Pass
ax40	5230	Ant1	-35.94	-27	Pass
ax80	5210	Ant1	-35.04	-27	Pass

7.2 Test Graphs

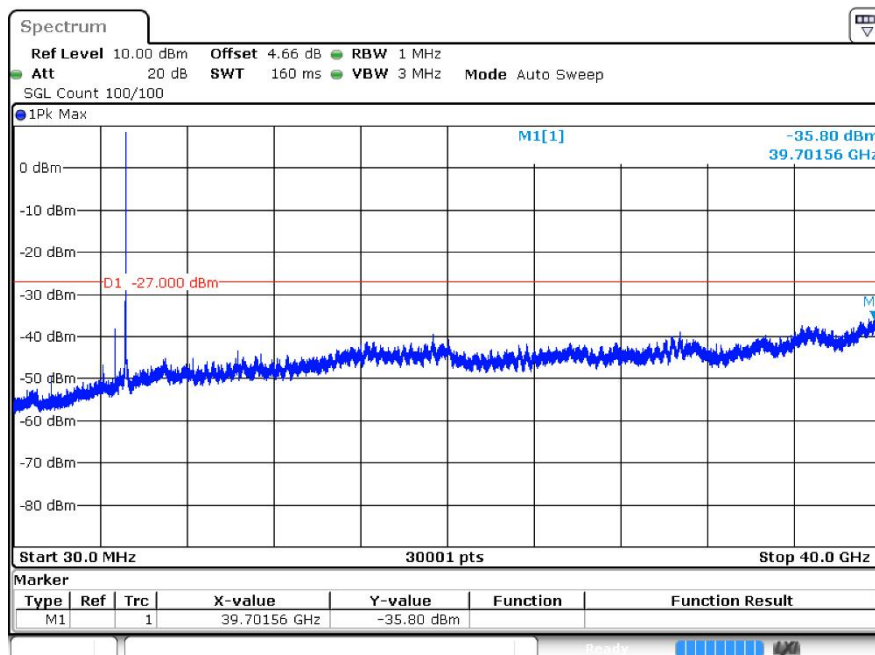
Test Graphs
Tx. Spurious a 5180MHz Ant1



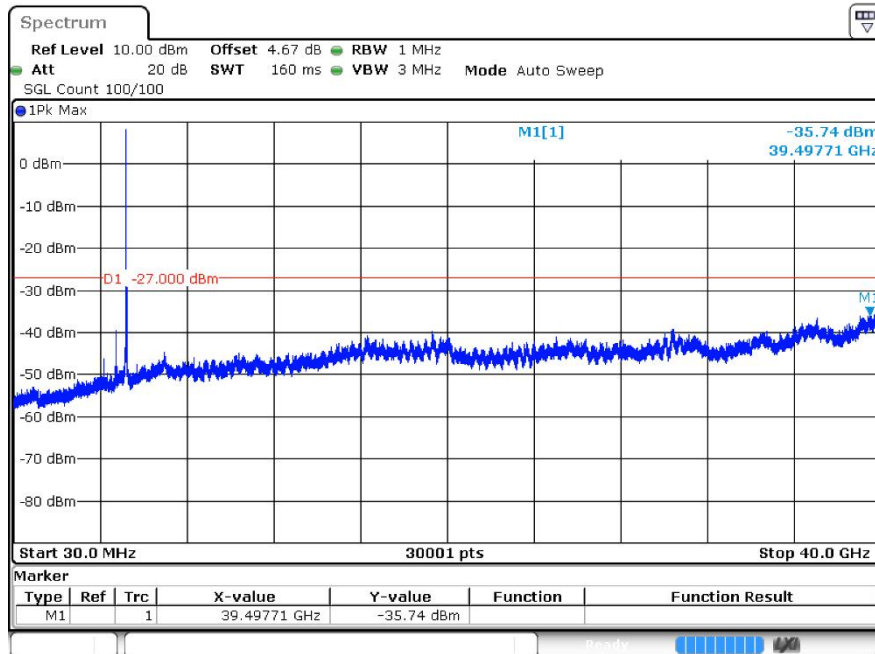
Tx. Spurious a 5240MHz Ant1



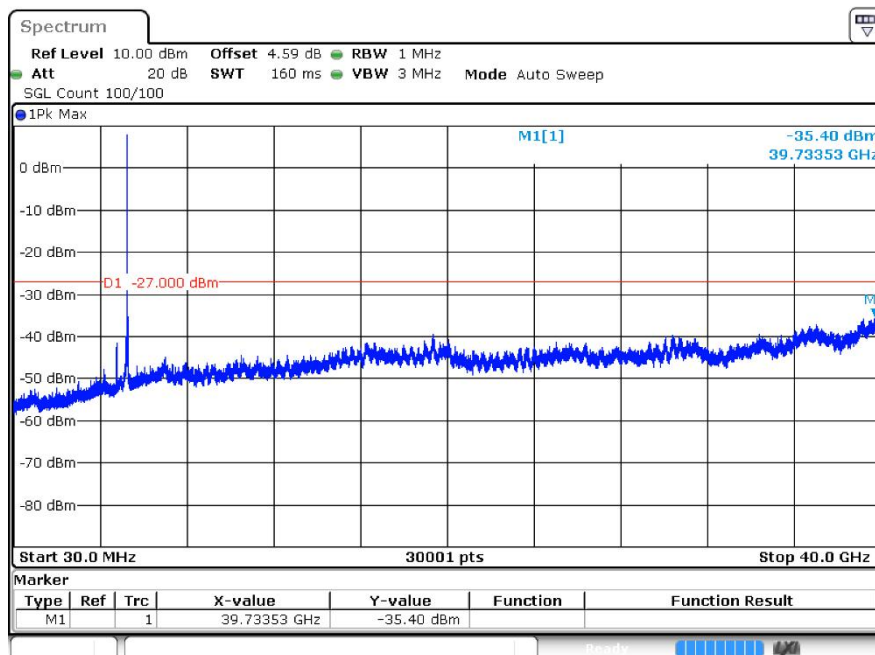
Tx. Spurious n20 5180MHz Ant1



Tx. Spurious n20 5200MHz Ant1

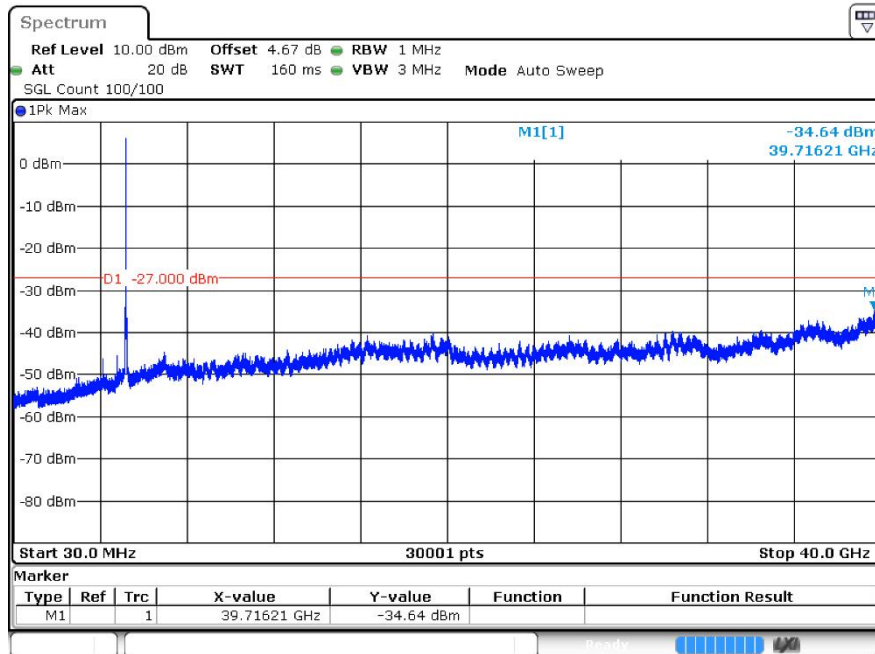


Tx. Spurious n20 5240MHz Ant1

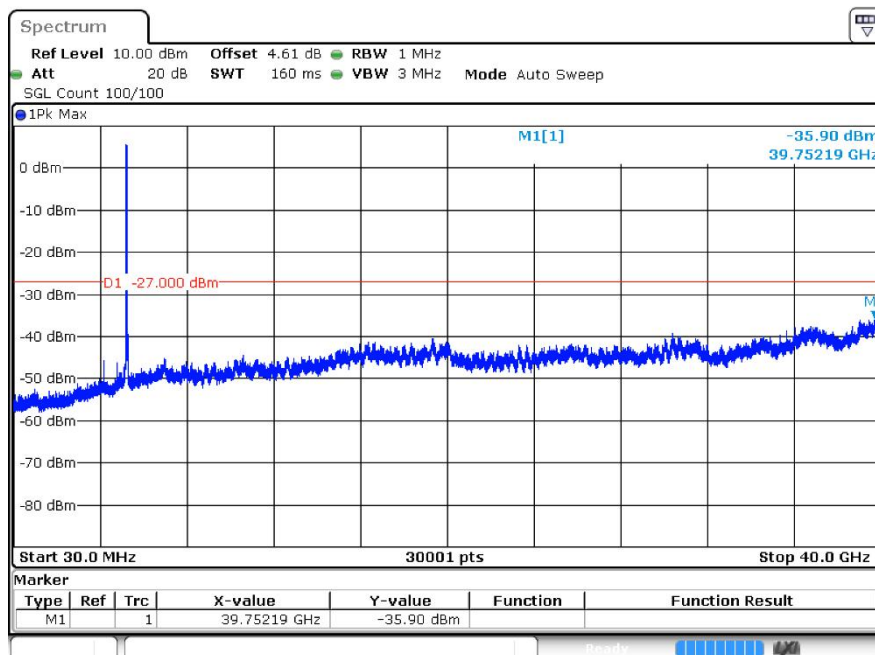




Tx. Spuriousn40 5190MHz Ant1

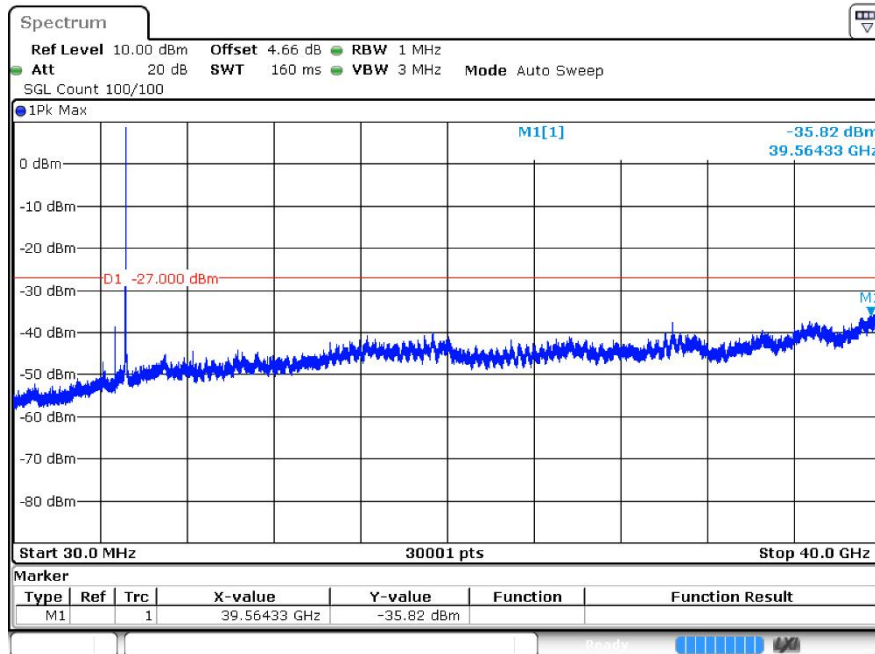


Tx. Spuriousn40 5230MHz Ant1

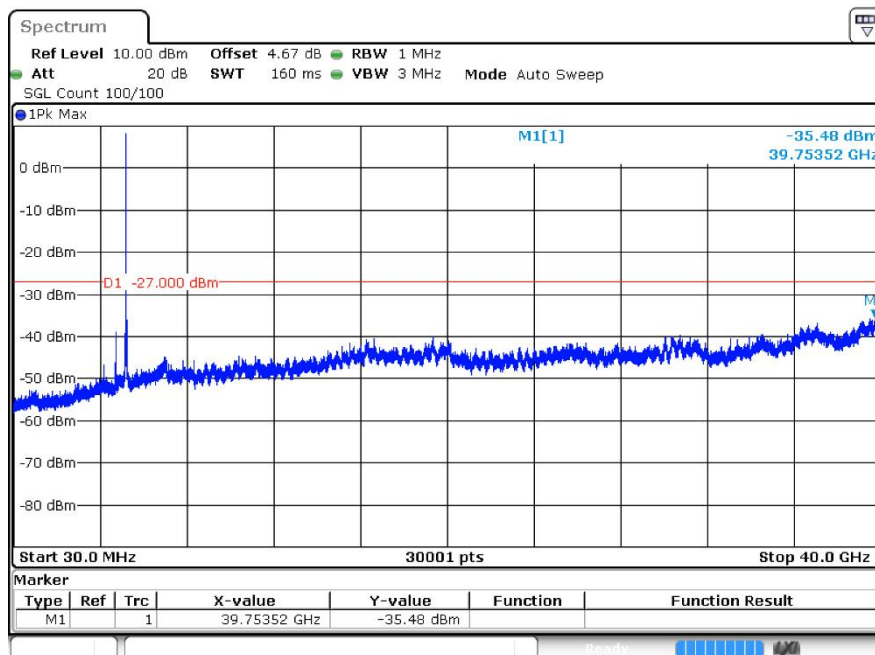




Tx. Spurious ac20 5180MHz Ant1

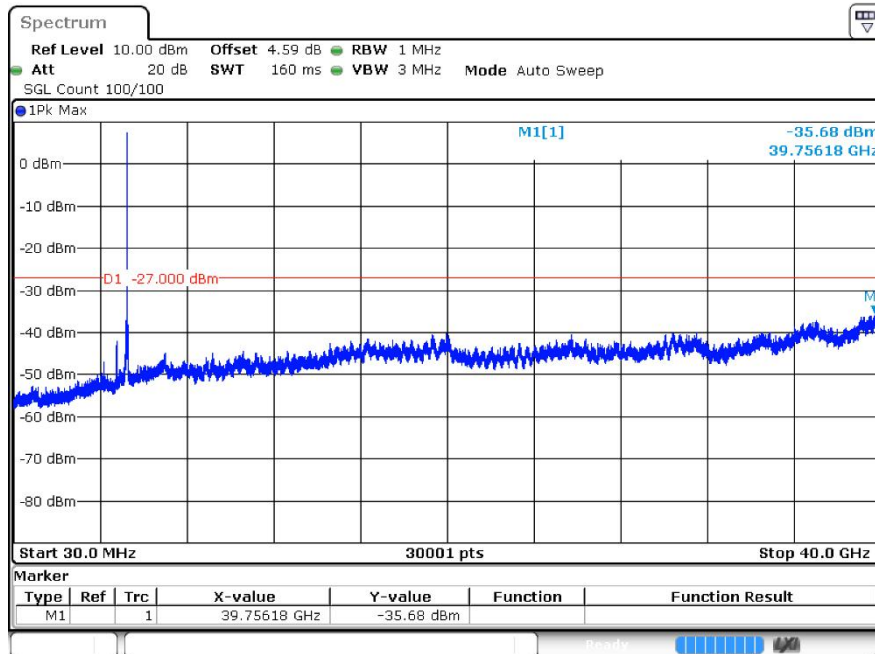


Tx. Spurious ac20 5200MHz Ant1

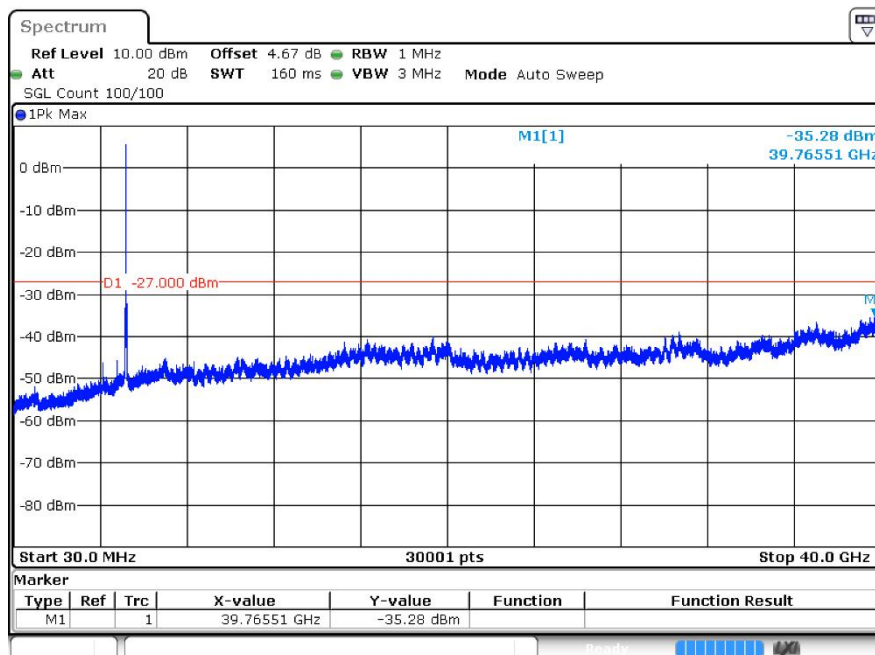




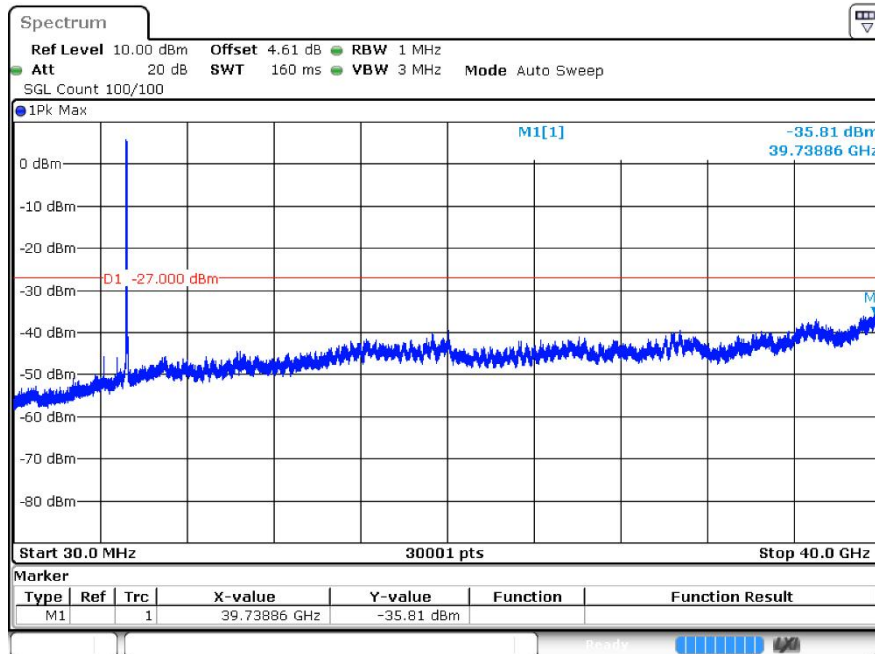
Tx. Spurious ac20 5240MHz Ant1



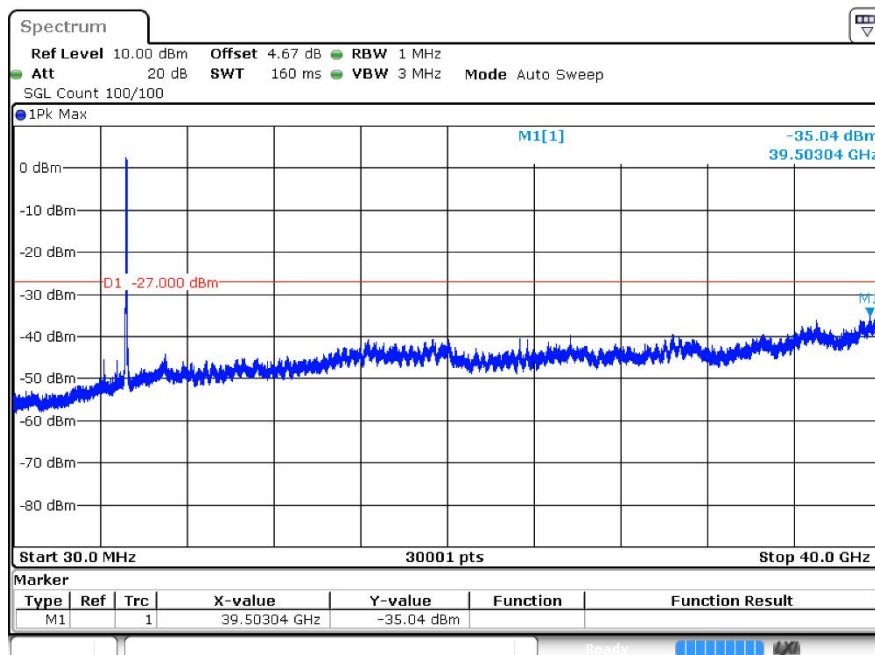
Tx. Spuriousac40 5190MHz Ant1



Tx. Spuriousac40 5230MHz Ant1

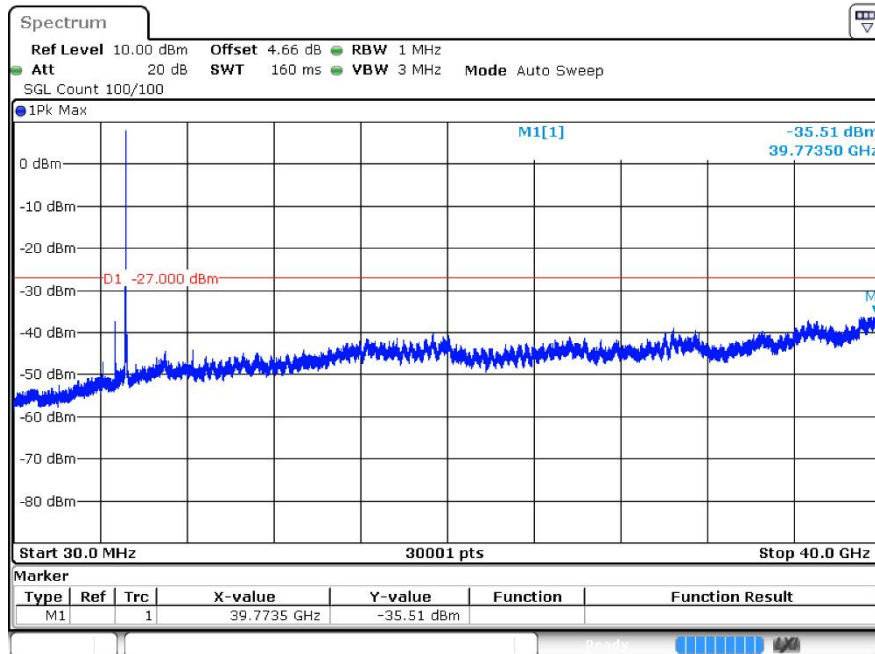


Tx. Spuriousac80 5210MHz Ant1

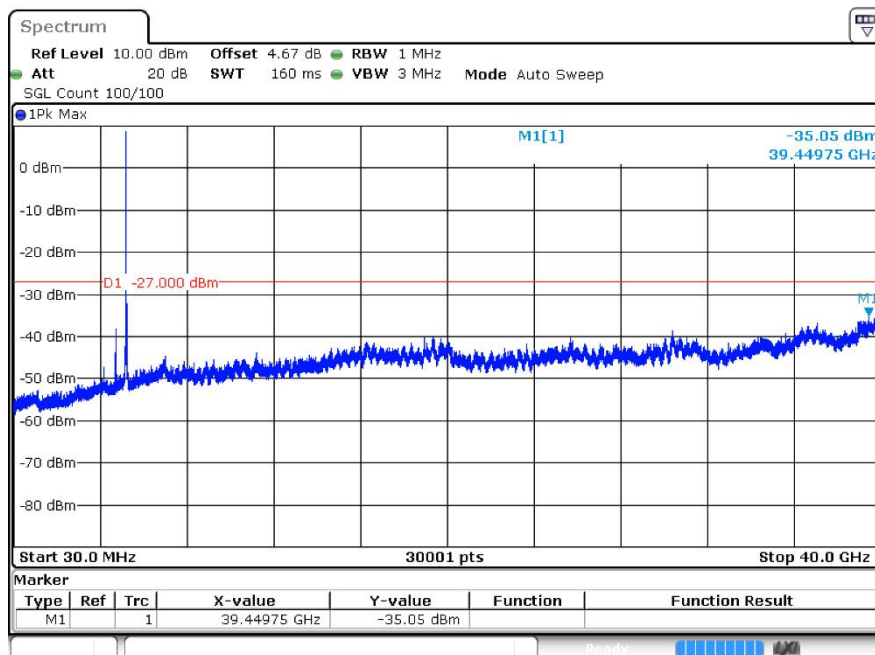




Tx. Spurious ax20 5180MHz Ant1

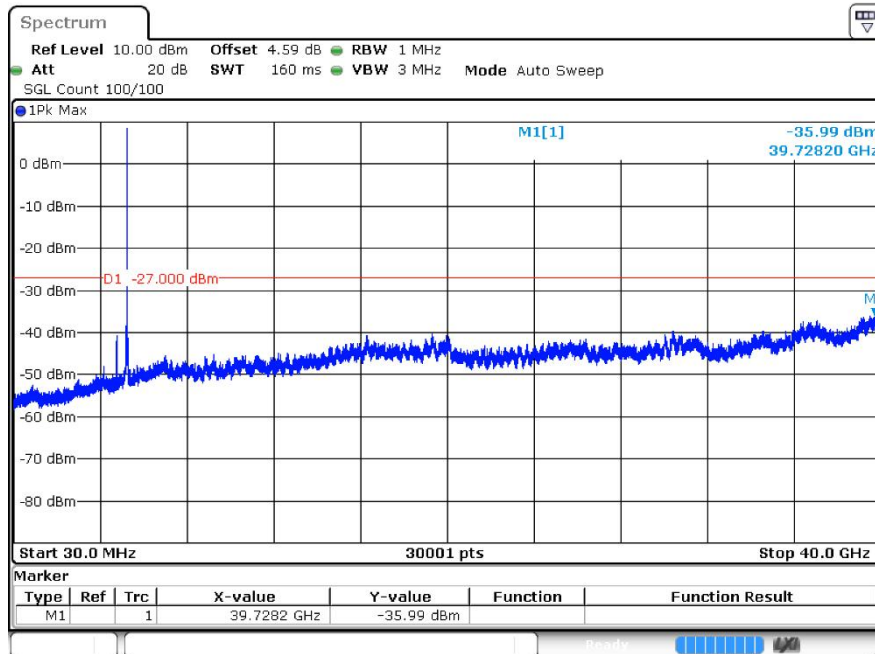


Tx. Spurious ax20 5200MHz Ant1

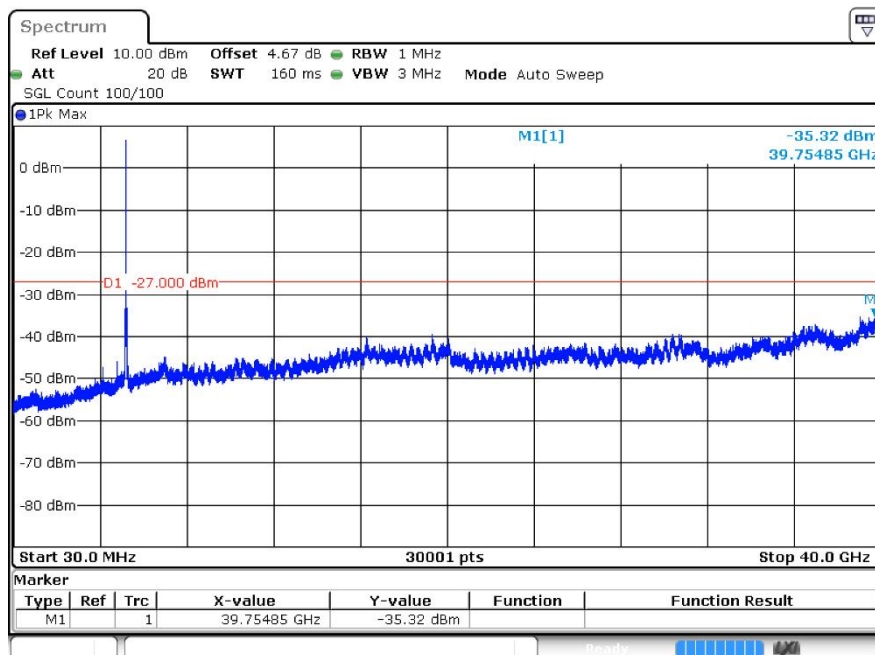




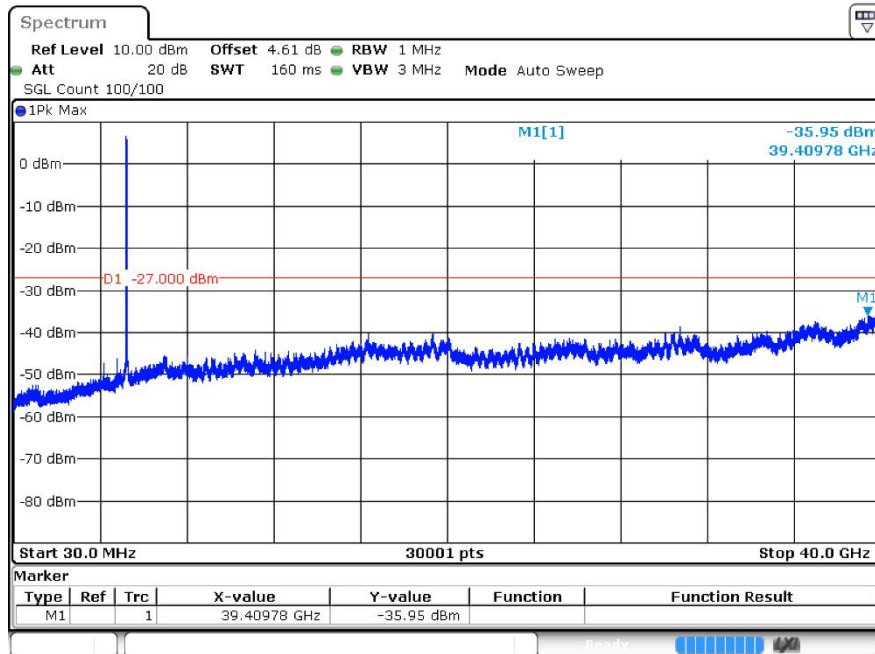
Tx. Spurious ax20 5240MHz Ant1



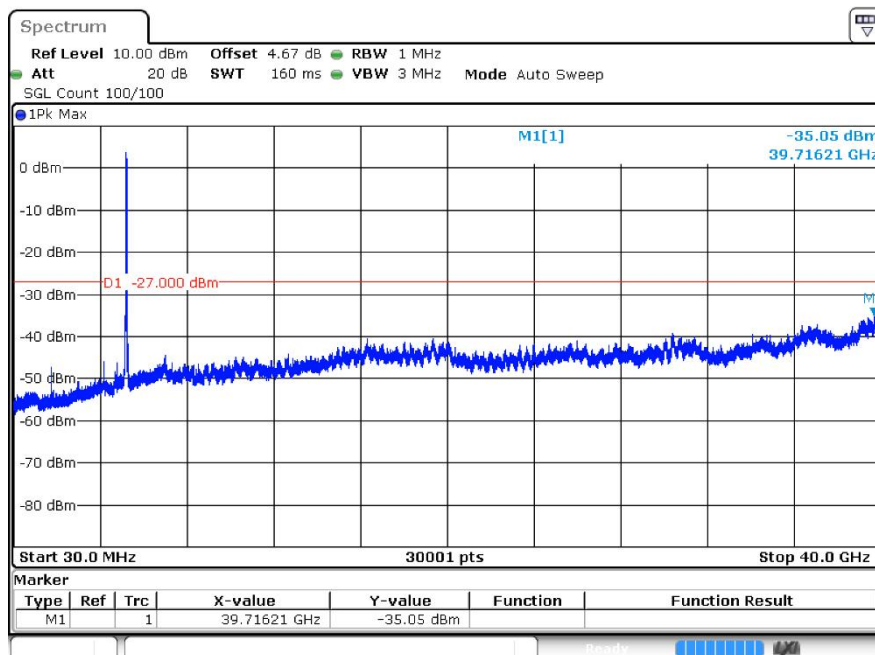
Tx. Spuriousax40 5190MHz Ant1



Tx. Spuriousax40 5230MHz Ant1



Tx. Spuriousax80 5210MHz Ant1





8 Restrict Band

8.1 Test Result

Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
a	5180	Ant1	4500	-44.49	4.46	55.20	Peak	68.2	Pass
a	5180	Ant1	4500	-54.02	4.46	45.67	Average	54	Pass
a	5180	Ant1	4705.8	-37.69	4.46	62.00	Peak	68.2	Pass
a	5180	Ant1	4707.2	-47.77	4.46	51.92	Average	54	Pass
a	5180	Ant1	5150	-42.75	4.46	56.94	Peak	68.2	Pass
a	5180	Ant1	5150	-52.04	4.46	47.65	Average	54	Pass
a	5240	Ant1	5350	-44.64	4.46	55.05	Peak	68.2	Pass
a	5240	Ant1	5350	-53.33	4.46	46.36	Average	54	Pass
a	5240	Ant1	5425.44	-40.7	4.46	58.99	Peak	68.2	Pass
a	5240	Ant1	5448.72	-51.09	4.46	48.60	Average	54	Pass
a	5240	Ant1	5460	-42.01	4.46	57.68	Peak	68.2	Pass
a	5240	Ant1	5460	-52.61	4.46	47.08	Average	54	Pass
n20	5180	Ant1	4500	-44.08	4.46	55.61	Peak	68.2	Pass
n20	5180	Ant1	4500	-53.87	4.46	45.82	Average	54	Pass
n20	5180	Ant1	4707.9	-37.79	4.46	61.90	Peak	68.2	Pass
n20	5180	Ant1	4707.9	-46.87	4.46	52.82	Average	54	Pass
n20	5180	Ant1	5150	-42.67	4.46	57.02	Peak	68.2	Pass
n20	5180	Ant1	5150	-52.22	4.46	47.47	Average	54	Pass
n20	5240	Ant1	5350	-42.28	4.46	57.41	Peak	68.2	Pass
n20	5240	Ant1	5350	-53.16	4.46	46.53	Average	54	Pass
n20	5240	Ant1	5448	-39.89	4.46	59.80	Peak	68.2	Pass
n20	5240	Ant1	5447.28	-50.97	4.46	48.72	Average	54	Pass
n20	5240	Ant1	5460	-42.33	4.46	57.36	Peak	68.2	Pass
n20	5240	Ant1	5460	-52.71	4.46	46.98	Average	54	Pass
n40	5190	Ant1	4500	-43.49	4.46	56.20	Peak	68.2	Pass
n40	5190	Ant1	4500	-53.79	4.46	45.90	Average	54	Pass
n40	5190	Ant1	5065.02	-40.19	4.46	59.50	Peak	68.2	Pass
n40	5190	Ant1	4800.03	-49.27	4.46	50.42	Average	54	Pass
n40	5190	Ant1	5150	-41.31	4.46	58.38	Peak	68.2	Pass
n40	5190	Ant1	5150	-51.78	4.46	47.91	Average	54	Pass
n40	5230	Ant1	5350	-43.18	4.46	56.51	Peak	68.2	Pass
n40	5230	Ant1	5350	-53.19	4.46	46.50	Average	54	Pass
n40	5230	Ant1	5448.12	-40.59	4.46	59.10	Peak	68.2	Pass
n40	5230	Ant1	5448.12	-50.86	4.46	48.83	Average	54	Pass
n40	5230	Ant1	5460	-42.62	4.46	57.07	Peak	68.2	Pass
n40	5230	Ant1	5460	-52.42	4.46	47.27	Average	54	Pass

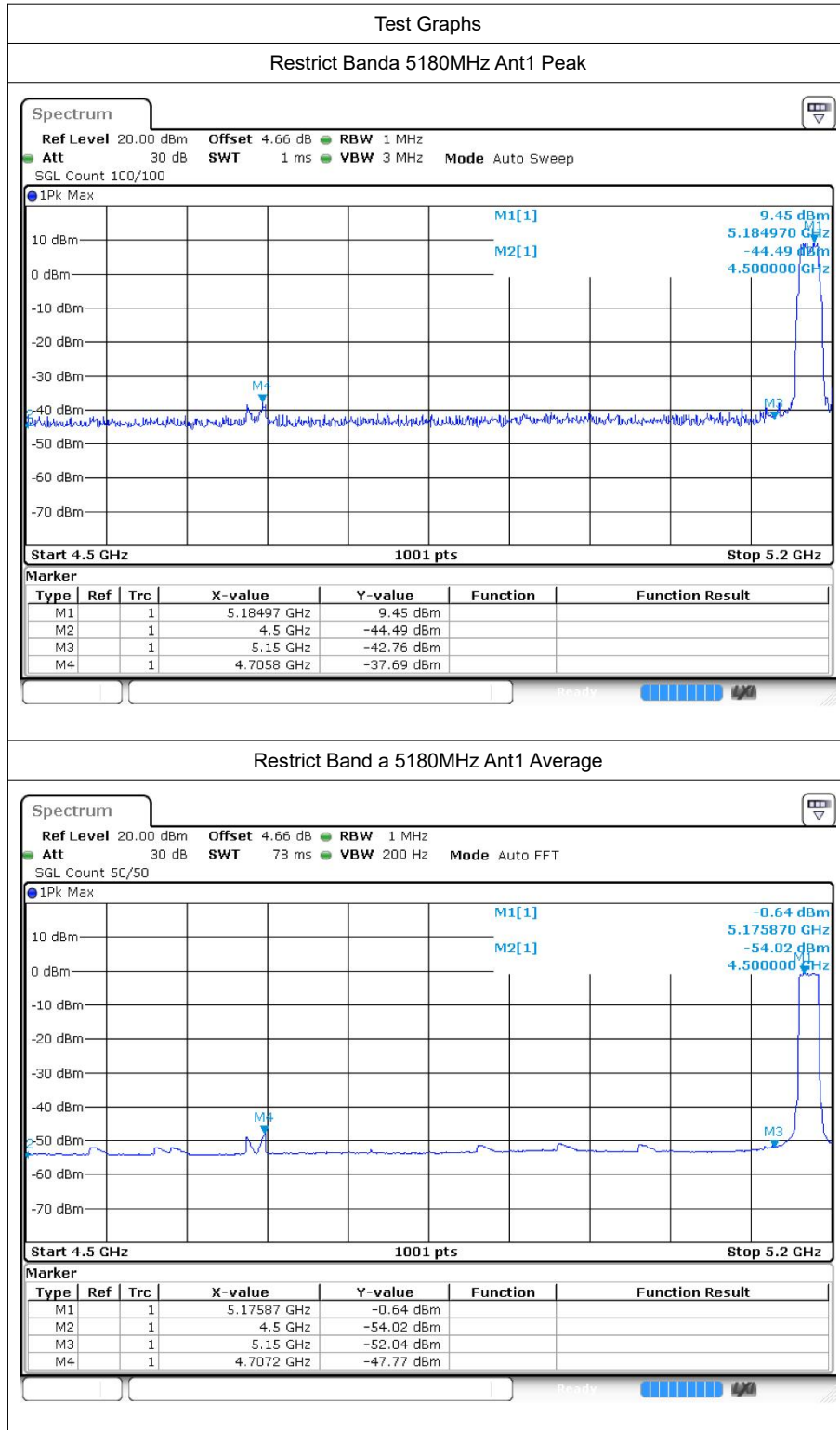


ac20	5180	Ant1	4500	-43.29	4.46	56.40	Peak	68.2	Pass
ac20	5180	Ant1	4500	-53.95	4.46	45.74	Average	54	Pass
ac20	5180	Ant1	4707.9	-37.25	4.46	62.44	Peak	68.2	Pass
ac20	5180	Ant1	4707.9	-46.68	4.46	53.01	Average	54	Pass
ac20	5180	Ant1	5150	-38.22	4.46	61.47	Peak	68.2	Pass
ac20	5180	Ant1	5150	-52.45	4.46	47.24	Average	54	Pass
ac20	5240	Ant1	5350	-44	4.46	55.69	Peak	68.2	Pass
ac20	5240	Ant1	5350	-53.19	4.46	46.50	Average	54	Pass
ac20	5240	Ant1	5428.56	-40.22	4.46	59.47	Peak	68.2	Pass
ac20	5240	Ant1	5447.04	-51	4.46	48.69	Average	54	Pass
ac20	5240	Ant1	5460	-44.12	4.46	55.57	Peak	68.2	Pass
ac20	5240	Ant1	5460	-52.67	4.46	47.02	Average	54	Pass
ac40	5190	Ant1	4500	-43.45	4.46	56.24	Peak	68.2	Pass
ac40	5190	Ant1	4500	-53.79	4.46	45.90	Average	54	Pass
ac40	5190	Ant1	5140.94	-39.74	4.46	59.95	Peak	68.2	Pass
ac40	5190	Ant1	4800.03	-49.25	4.46	50.44	Average	54	Pass
ac40	5190	Ant1	5150	-42.35	4.46	57.34	Peak	68.2	Pass
ac40	5190	Ant1	5150	-51.72	4.46	47.97	Average	54	Pass
ac40	5230	Ant1	5350	-43.86	4.46	55.83	Peak	68.2	Pass
ac40	5230	Ant1	5350	-53.17	4.46	46.52	Average	54	Pass
ac40	5230	Ant1	5404.92	-40.22	4.46	59.47	Peak	68.2	Pass
ac40	5230	Ant1	5447.58	-50.93	4.46	48.76	Average	54	Pass
ac40	5230	Ant1	5460	-40.56	4.46	59.13	Peak	68.2	Pass
ac40	5230	Ant1	5460	-52.37	4.46	47.32	Average	54	Pass
ac80	5210	Ant1	4500	-43.23	4.46	56.46	Peak	68.2	Pass
ac80	5210	Ant1	4500	-53.85	4.46	45.84	Average	54	Pass
ac80	5210	Ant1	4800.2	-40.2	4.46	59.49	Peak	68.2	Pass
ac80	5210	Ant1	4800.2	-49.2	4.46	50.49	Average	54	Pass
ac80	5210	Ant1	5150	-42.11	4.46	57.58	Peak	68.2	Pass
ac80	5210	Ant1	5150	-51.38	4.46	48.31	Average	54	Pass
ax20	5180	Ant1	4500	-44.85	4.46	54.84	Peak	68.2	Pass
ax20	5180	Ant1	4500	-54.04	4.46	45.65	Average	54	Pass
ax20	5180	Ant1	4708.6	-36.51	4.46	63.18	Peak	68.2	Pass
ax20	5180	Ant1	4708.6	-46.38	4.46	53.31	Average	54	Pass
ax20	5180	Ant1	5150	-42.35	4.46	57.34	Peak	68.2	Pass
ax20	5180	Ant1	5150	-52.23	4.46	47.46	Average	54	Pass
ax20	5240	Ant1	5350	-42.57	4.46	57.12	Peak	68.2	Pass
ax20	5240	Ant1	5350	-53.19	4.46	46.50	Average	54	Pass
ax20	5240	Ant1	5451.36	-40.04	4.46	59.65	Peak	68.2	Pass
ax20	5240	Ant1	5447.28	-50.96	4.46	48.73	Average	54	Pass
ax20	5240	Ant1	5460	-43.47	4.46	56.22	Peak	68.2	Pass
ax20	5240	Ant1	5460	-52.7	4.46	46.99	Average	54	Pass
ax40	5190	Ant1	4500	-44.42	4.46	55.27	Peak	68.2	Pass

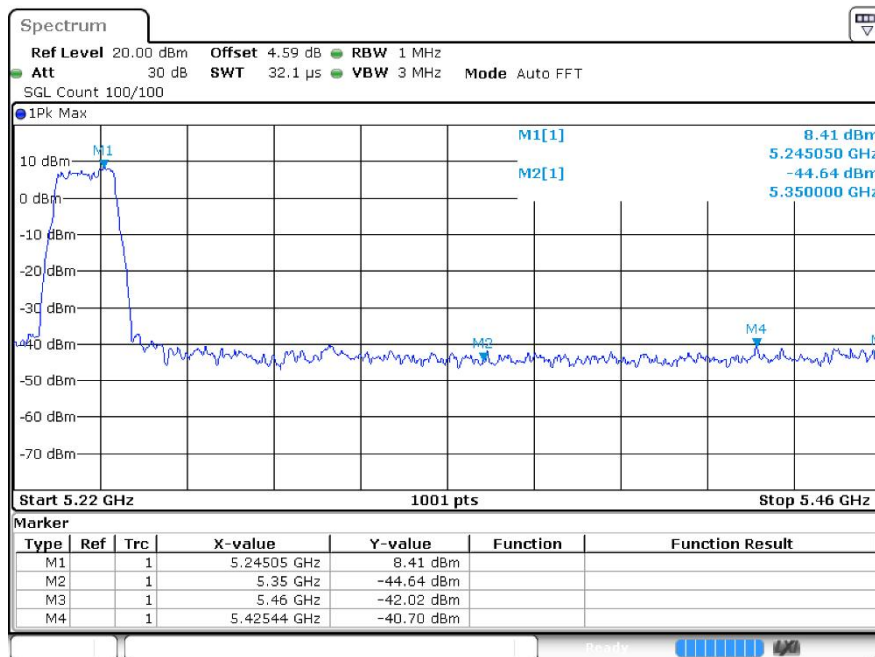


ax40	5190	Ant1	4500	-53.96	4.46	45.73	Average	54	Pass
ax40	5190	Ant1	4994.94	-40.28	4.46	59.41	Peak	68.2	Pass
ax40	5190	Ant1	4800.03	-49.33	4.46	50.36	Average	54	Pass
ax40	5190	Ant1	5150	-42.29	4.46	57.40	Peak	68.2	Pass
ax40	5190	Ant1	5150	-52.12	4.46	47.57	Average	54	Pass
ax40	5230	Ant1	5350	-42.98	4.46	56.71	Peak	68.2	Pass
ax40	5230	Ant1	5350	-53.08	4.46	46.61	Average	54	Pass
ax40	5230	Ant1	5450.55	-39.69	4.46	60.00	Peak	68.2	Pass
ax40	5230	Ant1	5447.31	-50.94	4.46	48.75	Average	54	Pass
ax40	5230	Ant1	5460	-42.79	4.46	56.90	Peak	68.2	Pass
ax40	5230	Ant1	5460	-52.53	4.46	47.16	Average	54	Pass
ax80	5210	Ant1	4500	-43.01	4.46	56.68	Peak	68.2	Pass
ax80	5210	Ant1	4500	-53.97	4.46	45.72	Average	54	Pass
ax80	5210	Ant1	5145.43	-40.06	4.46	59.63	Peak	68.2	Pass
ax80	5210	Ant1	4800.2	-49.2	4.46	50.49	Average	54	Pass
ax80	5210	Ant1	5150	-42	4.46	57.69	Peak	68.2	Pass
ax80	5210	Ant1	5150	-51.75	4.46	47.94	Average	54	Pass

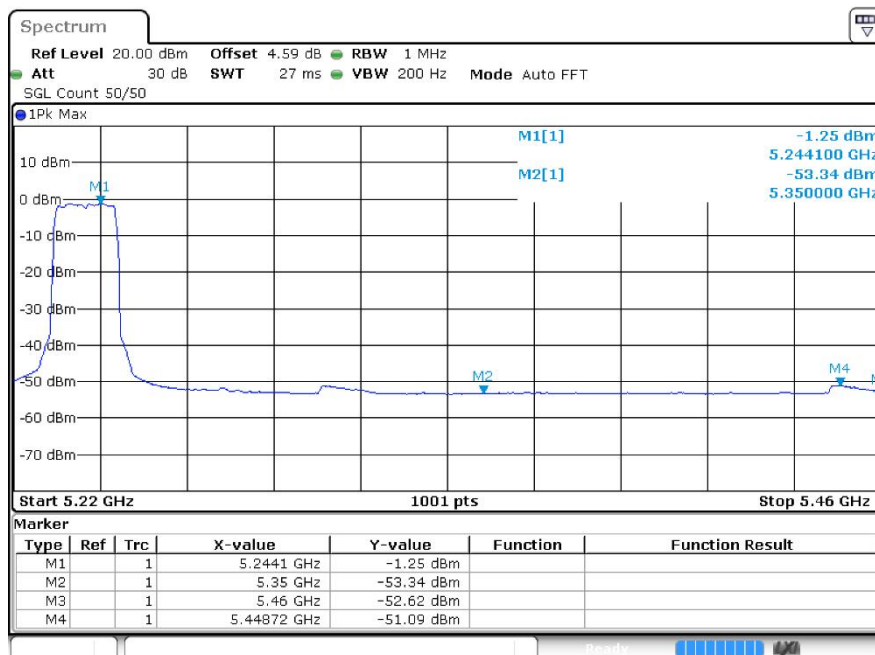
8.2 Test Graphs



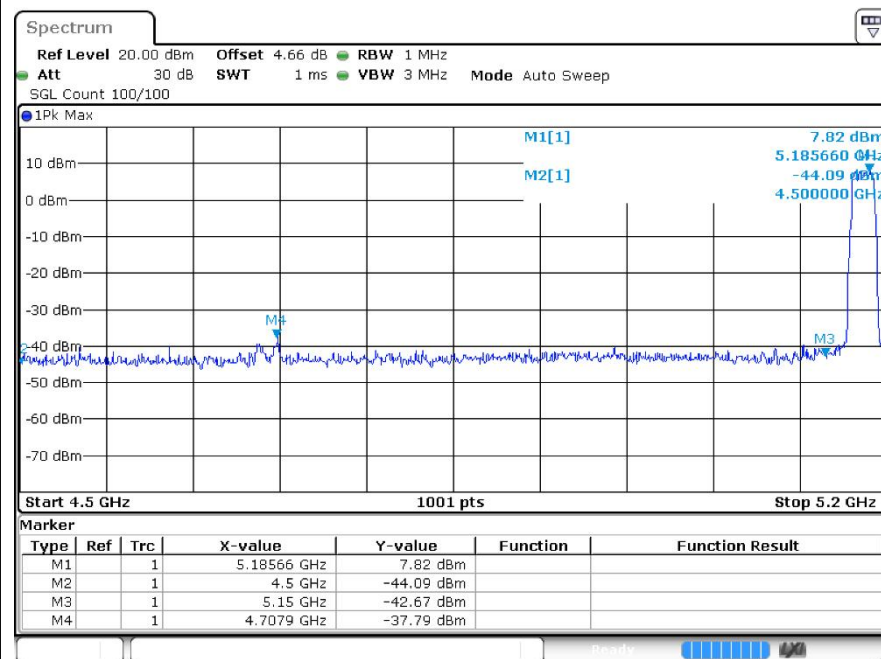
Restrict Banda 5240MHz Ant1 Peak



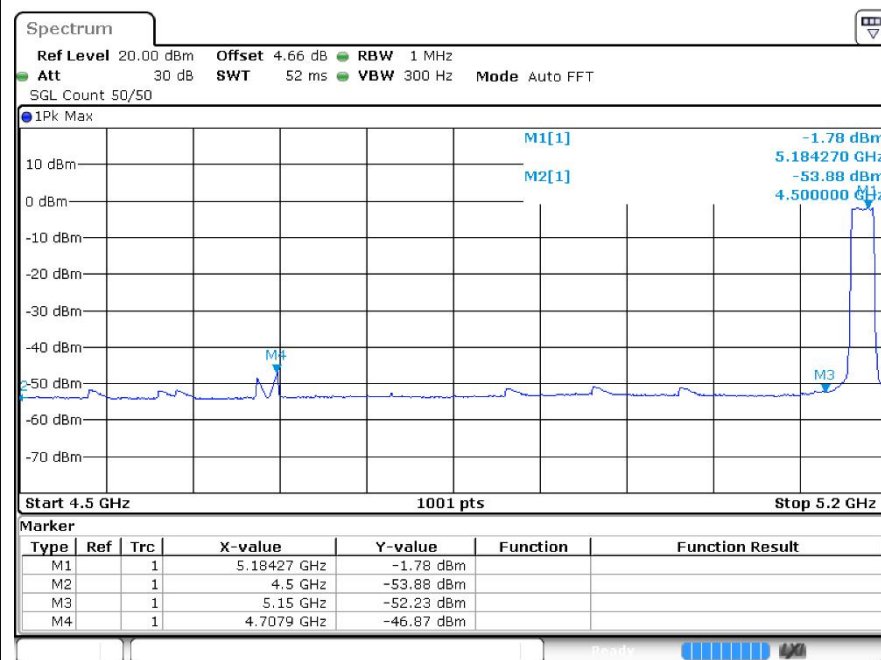
Restrict Band a 5240MHz Ant1 Average



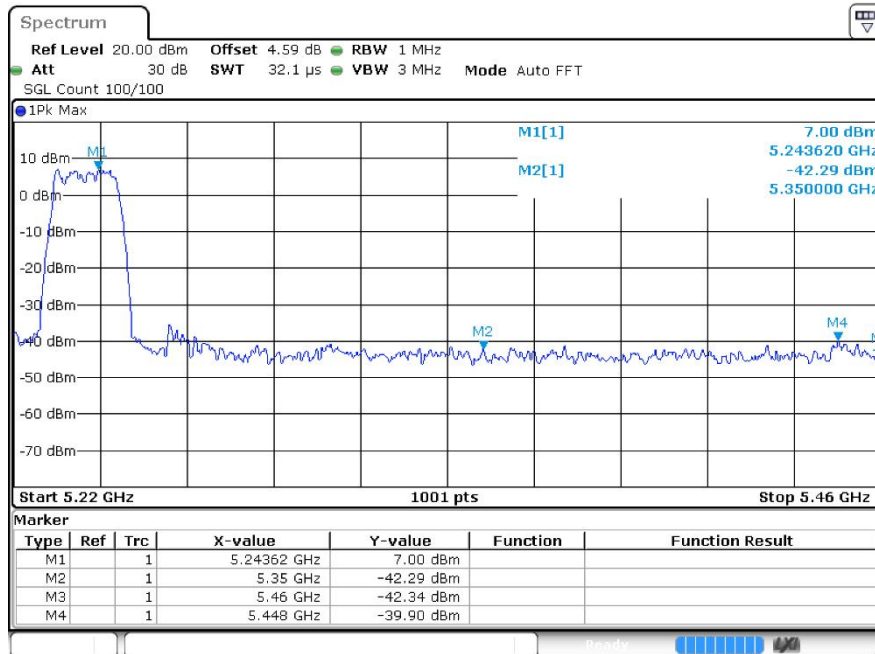
Restrict Bandn20 5180MHz Ant1 Peak



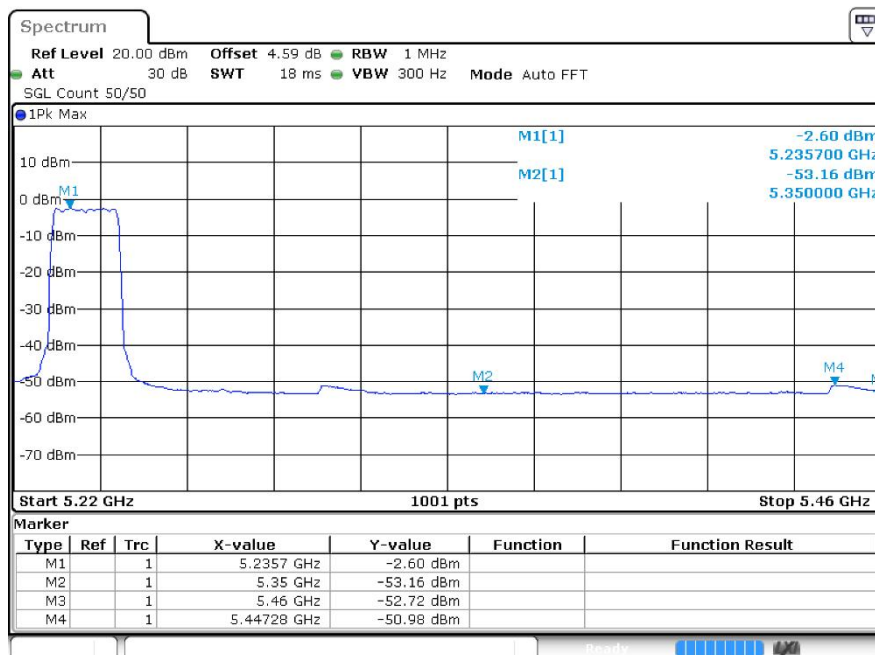
Restrict Band n20 5180MHz Ant1 Average



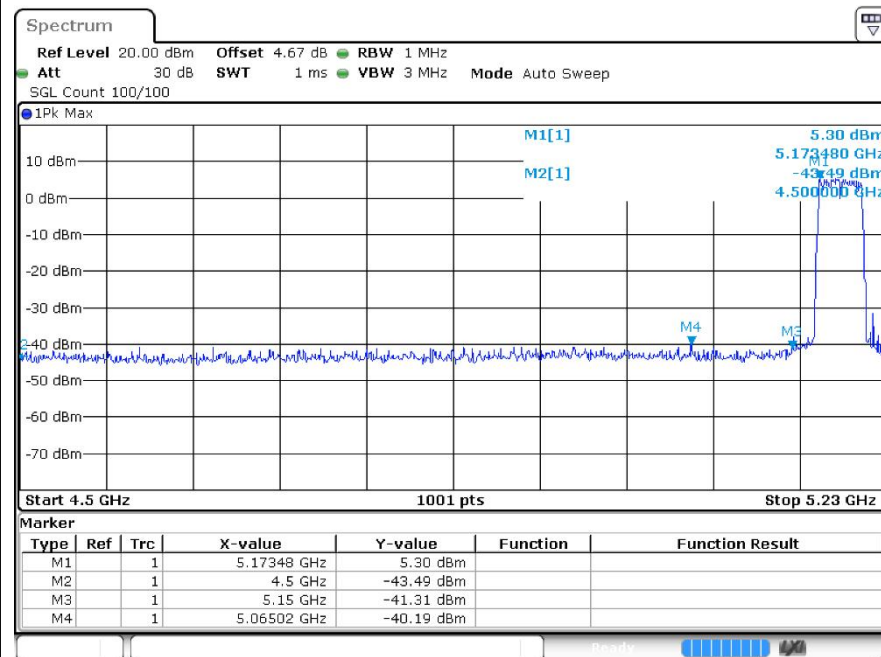
Restrict Bandn20 5240MHz Ant1 Peak



Restrict Band n20 5240MHz Ant1 Average



Restrict Bandn40 5190MHz Ant1 Peak



Restrict Band n40 5190MHz Ant1 Average

