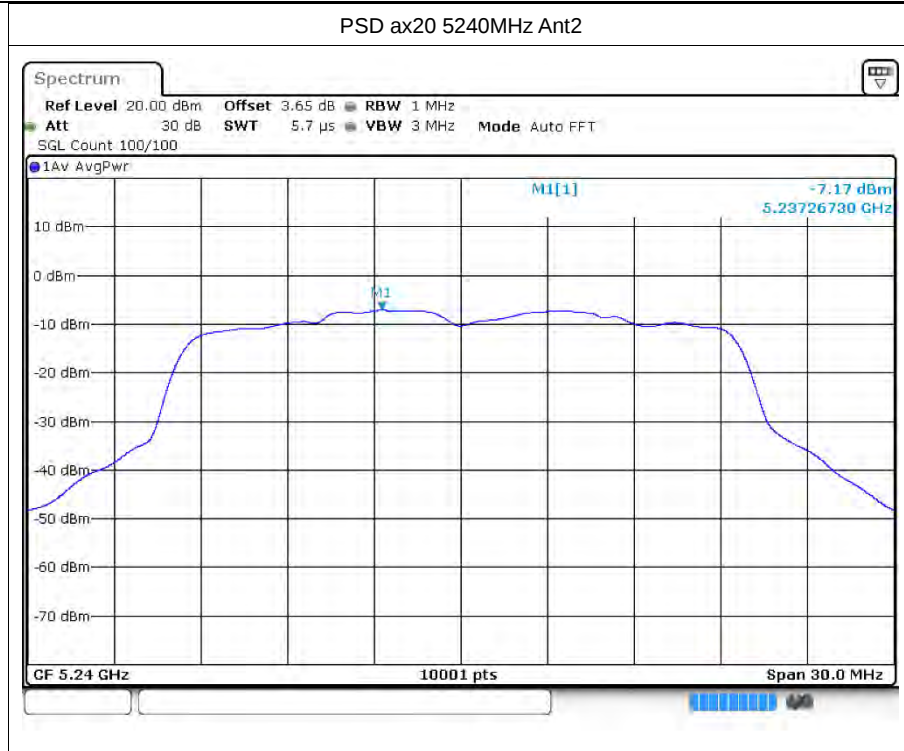
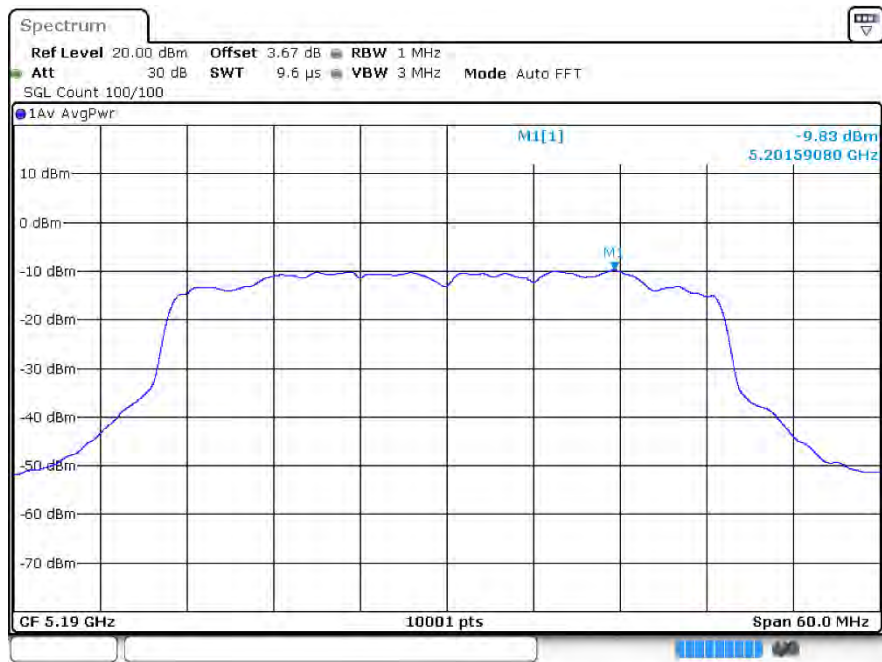
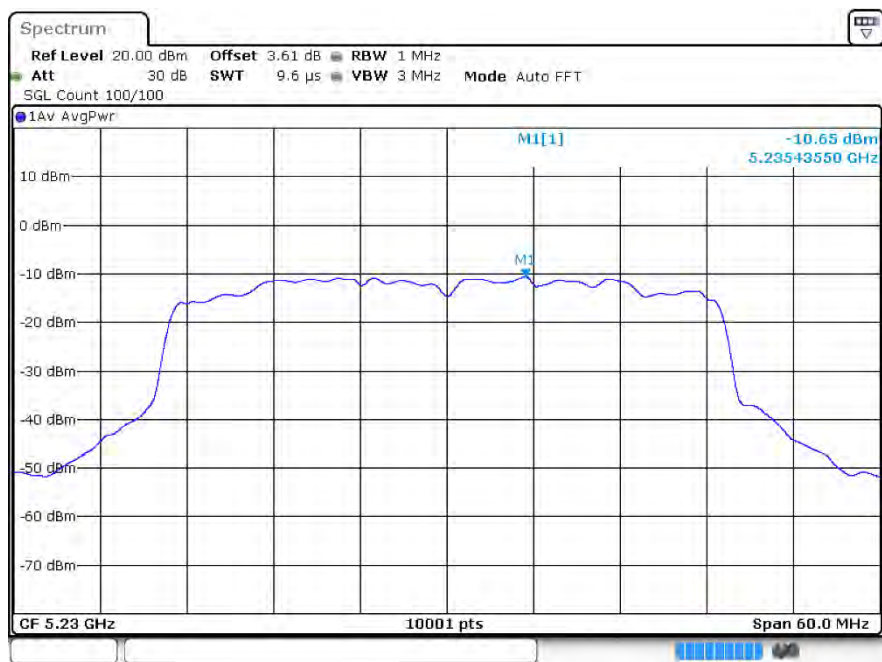




PSDax40 5190MHz Ant1



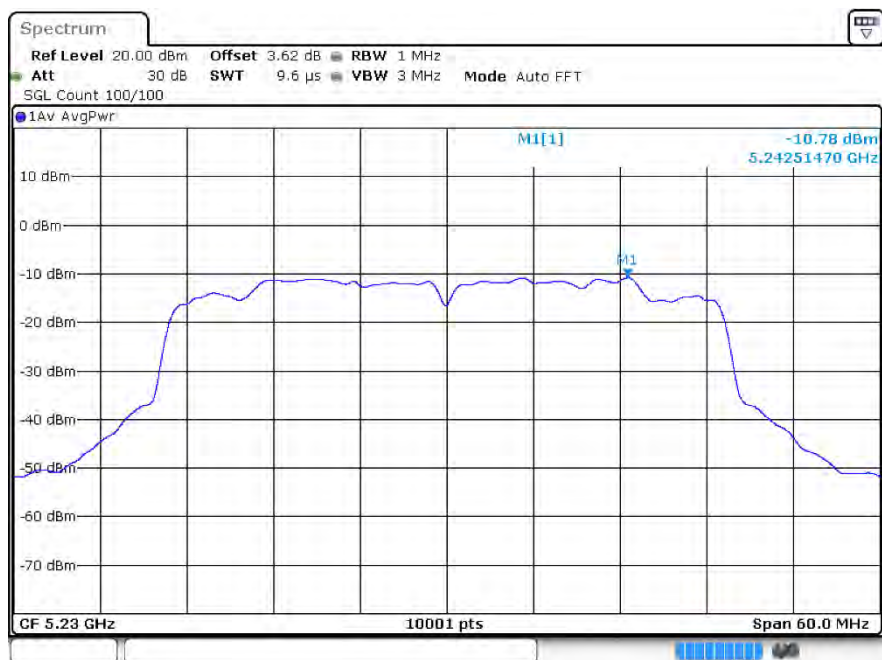
PSDax40 5230MHz Ant1



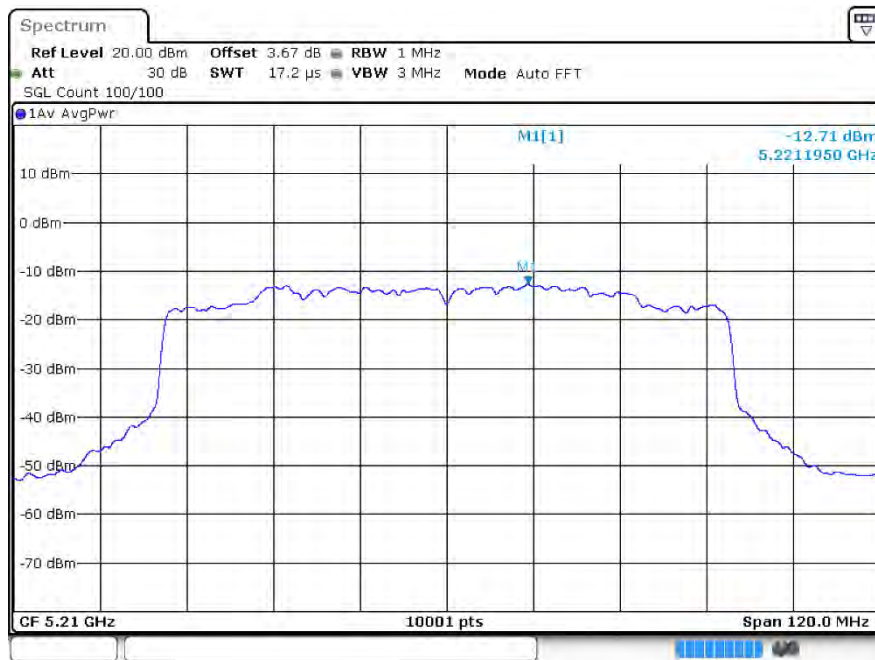
PSDax40 5190MHz Ant2



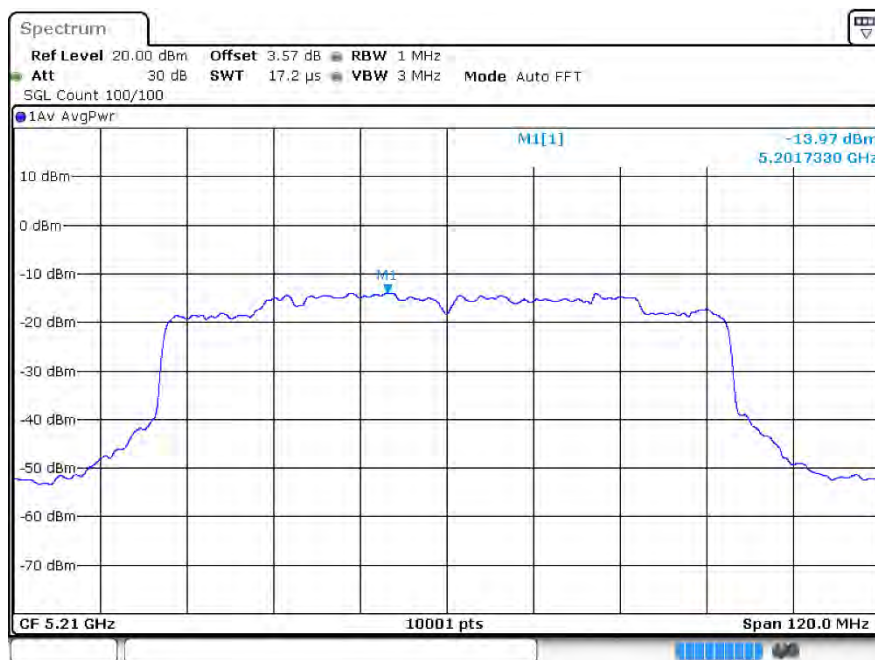
PSDax40 5230MHz Ant2



PSDax80 5210MHz Ant1



PSDax80 5210MHz Ant2





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	5179.96	-40000	-7.72	25	Pass
20C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 138V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-20C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
-10C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
10C 120V	a	5180	Ant1	5179.92	-80000	-15.44	25	Pass
30C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
40C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 102V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 138V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-20C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
-10C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
0C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
10C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
40C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 102V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 102V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 138V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-20C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-10C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	a	5240	Ant1	5239.92	-80000	-15.27	25	Pass
10C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 120V	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
40C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 102V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 138V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-20C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-10C 120V	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass



10C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30C 120V	n20	5180	Ant1	5180	0	0	25	Pass
40C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 138V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-20C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-10C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
40C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
50C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 102V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	n20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
-20C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
-10C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
0C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
30C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
50C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 102V	n40	5190	Ant1	5189.92	-80000	-15.41	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	5189.96	-40000	-7.71	25	Pass
10C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
30C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
20C 102V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 138V	n40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-20C 120V	n40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-10C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0C 120V	n40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
10C 120V	n40	5230	Ant1	5230	0	0	25	Pass
30C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass



50C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 102V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 138V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
-10C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
10C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	ac20	5180	Ant1	5180	0	0	25	Pass
40C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 102V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 138V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-20C 120V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-10C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30C 120V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
40C 120V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
50C 120V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 102V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
-20C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-10C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
0C 120V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
10C 120V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
30C 120V	ac20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
40C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
50C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
20C 138V	ac40	5190	Ant1	5190	0	0	25	Pass
-20C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-10C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
30C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 120V	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
20C 102V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass



20C 138V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-20C 120V	ac40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-10C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
0C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	ac40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
50C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 102V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 120V	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
20C 138V	ac80	5210	Ant1	5209.76	-240000	-46.07	25	Pass
-20C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
-10C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
0C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
10C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
30C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
40C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
50C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 102V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 138V	ax20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
-20C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-10C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 120V	ax20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 102V	ax20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 138V	ax20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-20C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
-10C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0C 120V	ax20	5200	Ant1	5200.04	40000	7.69	25	Pass
10C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
50C 120V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 102V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 138V	ax20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
-20C 120V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-10C 120V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass



0C 120V	ax20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
10C 120V	ax20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
30C 120V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40C 120V	ax20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
50C 120V	ax20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 102V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	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	5189.96	-40000	-7.71	25	Pass
0C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
40C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
20C 102V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 138V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-20C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-10C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
10C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
50C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 102V	ax80	5210	Ant1	5210.08	80000	15.36	25	Pass
20C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
20C 138V	ax80	5210	Ant1	5210	0	0	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	5210	0	0	25	Pass
10C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
30C 120V	ax80	5210	Ant1	5210.08	80000	15.36	25	Pass
40C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
50C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
20C 102V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
20C 120V	a	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 138V	a	5180	Ant2	5179.92	-80000	-15.44	25	Pass
-20C 120V	a	5180	Ant2	5179.96	-40000	-7.72	25	Pass
-10C 120V	a	5180	Ant2	5179.96	-40000	-7.72	25	Pass
0C 120V	a	5180	Ant2	5179.94	-60000	-11.58	25	Pass
10C 120V	a	5180	Ant2	5179.96	-40000	-7.72	25	Pass
30C 120V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass



40C 120V	a	5180	Ant2	5179.94	-60000	-11.58	25	Pass
50C 120V	a	5180	Ant2	5179.94	-60000	-11.58	25	Pass
20C 102V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 120V	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
20C 138V	a	5200	Ant2	5199.92	-80000	-15.38	25	Pass
-20C 120V	a	5200	Ant2	5199.94	-60000	-11.54	25	Pass
-10C 120V	a	5200	Ant2	5199.94	-60000	-11.54	25	Pass
0C 120V	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
10C 120V	a	5200	Ant2	5199.94	-60000	-11.54	25	Pass
30C 120V	a	5200	Ant2	5199.94	-60000	-11.54	25	Pass
40C 120V	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
20C 102V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 102V	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
20C 120V	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
20C 138V	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
-20C 120V	a	5240	Ant2	5239.94	-60000	-11.45	25	Pass
-10C 120V	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
0C 120V	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
10C 120V	a	5240	Ant2	5239.94	-60000	-11.45	25	Pass
30C 120V	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
40C 120V	a	5240	Ant2	5239.94	-60000	-11.45	25	Pass
50C 120V	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
20C 102V	n20	5180	Ant2	5179.92	-80000	-15.44	25	Pass
20C 120V	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
20C 138V	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
-20C 120V	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
-10C 120V	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
0C 120V	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
10C 120V	n20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
30C 120V	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
40C 120V	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
50C 120V	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
20C 102V	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
20C 120V	n20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
20C 138V	n20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
-20C 120V	n20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
-10C 120V	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
0C 120V	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
10C 120V	n20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
30C 120V	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
40C 120V	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
50C 120V	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
20C 102V	n20	5240	Ant2	5239.98	-20000	-3.82	25	Pass



20C 120V	n20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
20C 138V	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
-20C 120V	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
-10C 120V	n20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
0C 120V	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
10C 120V	n20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
30C 120V	n20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
40C 120V	n20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
50C 120V	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
20C 102V	n40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
20C 120V	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
20C 138V	n40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
-20C 120V	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
-10C 120V	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
0C 120V	n40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
10C 120V	n40	5190	Ant2	5190	0	0	25	Pass
30C 120V	n40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
40C 120V	n40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
50C 120V	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
20C 102V	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
20C 120V	n40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
20C 138V	n40	5230	Ant2	5230	0	0	25	Pass
-20C 120V	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
-10C 120V	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
0C 120V	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
10C 120V	n40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
30C 120V	n40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
40C 120V	n40	5230	Ant2	5230	0	0	25	Pass
50C 120V	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
20C 102V	ac20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
20C 120V	ac20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
20C 138V	ac20	5180	Ant2	5179.92	-80000	-15.44	25	Pass
-20C 120V	ac20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
-10C 120V	ac20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
0C 120V	ac20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
10C 120V	ac20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
30C 120V	ac20	5180	Ant2	5179.92	-80000	-15.44	25	Pass
40C 120V	ac20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
50C 120V	ac20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
20C 102V	ac20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
20C 120V	ac20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
20C 138V	ac20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
-20C 120V	ac20	5200	Ant2	5199.98	-20000	-3.85	25	Pass



-10C 120V	ac20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
0C 120V	ac20	5200	Ant2	5200.6	600000	115.38	25	Pass
10C 120V	ac20	5200	Ant2	5200.1	100000	19.23	25	Pass
30C 120V	ac20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
40C 120V	ac20	5200	Ant2	5199.92	-80000	-15.38	25	Pass
50C 120V	ac20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
20C 102V	ac20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
20C 120V	ac20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
20C 138V	ac20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
-20C 120V	ac20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
-10C 120V	ac20	5240	Ant2	5240.02	20000	3.82	25	Pass
0C 120V	ac20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
10C 120V	ac20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
30C 120V	ac20	5240	Ant2	5239.92	-80000	-15.27	25	Pass
40C 120V	ac20	5240	Ant2	5239.92	-80000	-15.27	25	Pass
50C 120V	ac20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
20C 102V	ac40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
20C 120V	ac40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
20C 138V	ac40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
-20C 120V	ac40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
-10C 120V	ac40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
0C 120V	ac40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
10C 120V	ac40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
30C 120V	ac40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
40C 120V	ac40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
50C 120V	ac40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
20C 102V	ac40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
20C 120V	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
20C 138V	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
-20C 120V	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
-10C 120V	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
0C 120V	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
10C 120V	ac40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
30C 120V	ac40	5230	Ant2	5230	0	0	25	Pass
40C 120V	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
50C 120V	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
20C 102V	ac80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
20C 120V	ac80	5210	Ant2	5210	0	0	25	Pass
20C 138V	ac80	5210	Ant2	5210	0	0	25	Pass
-20C 120V	ac80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
-10C 120V	ac80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
0C 120V	ac80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
10C 120V	ac80	5210	Ant2	5210.08	80000	15.36	25	Pass



30C 120V	ac80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
40C 120V	ac80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
50C 120V	ac80	5210	Ant2	5210	0	0	25	Pass
20C 102V	ax20	5180	Ant2	5179.92	-80000	-15.44	25	Pass
20C 120V	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
20C 138V	ax20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
-20C 120V	ax20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
-10C 120V	ax20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
0C 120V	ax20	5180	Ant2	5179.92	-80000	-15.44	25	Pass
10C 120V	ax20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
30C 120V	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
40C 120V	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
50C 120V	ax20	5180	Ant2	5179.92	-80000	-15.44	25	Pass
20C 102V	ax20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
20C 120V	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 138V	ax20	5200	Ant2	5200.02	20000	3.85	25	Pass
-20C 120V	ax20	5200	Ant2	5199.92	-80000	-15.38	25	Pass
-10C 120V	ax20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
0C 120V	ax20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
10C 120V	ax20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
30C 120V	ax20	5200	Ant2	5199.92	-80000	-15.38	25	Pass
40C 120V	ax20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
50C 120V	ax20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
20C 102V	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
20C 120V	ax20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
20C 138V	ax20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
-20C 120V	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
-10C 120V	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
0C 120V	ax20	5240	Ant2	5239.92	-80000	-15.27	25	Pass
10C 120V	ax20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
30C 120V	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
40C 120V	ax20	5240	Ant2	5239.92	-80000	-15.27	25	Pass
50C 120V	ax20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
20C 102V	ax40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
20C 120V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
20C 138V	ax40	5190	Ant2	5190	0	0	25	Pass
-20C 120V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
-10C 120V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
0C 120V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
10C 120V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
30C 120V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
40C 120V	ax40	5190	Ant2	5189.88	-120000	-23.12	25	Pass
50C 120V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass



20C 102V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
20C 120V	ax40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
20C 138V	ax40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
-20C 120V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
-10C 120V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
0C 120V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
10C 120V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
30C 120V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
40C 120V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
50C 120V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
20C 102V	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
20C 120V	ax80	5210	Ant2	5210	0	0	25	Pass
20C 138V	ax80	5210	Ant2	5210	0	0	25	Pass
-20C 120V	ax80	5210	Ant2	5210	0	0	25	Pass
-10C 120V	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
0C 120V	ax80	5210	Ant2	5210.08	80000	15.36	25	Pass
10C 120V	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
30C 120V	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
40C 120V	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
50C 120V	ax80	5210	Ant2	5210.08	80000	15.36	25	Pass



7 Conducted RF Spurious Emission

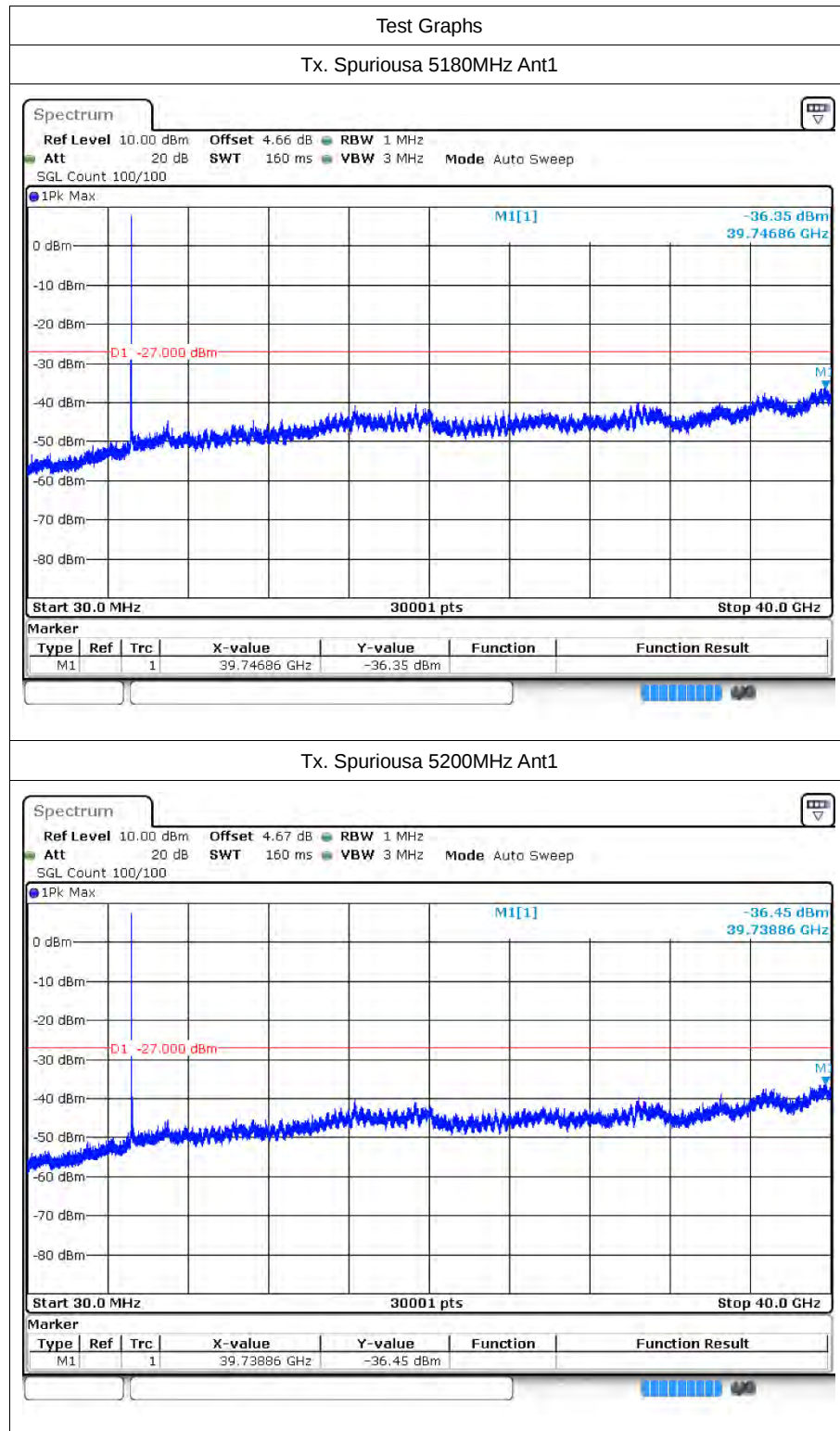
7.1 Test Result

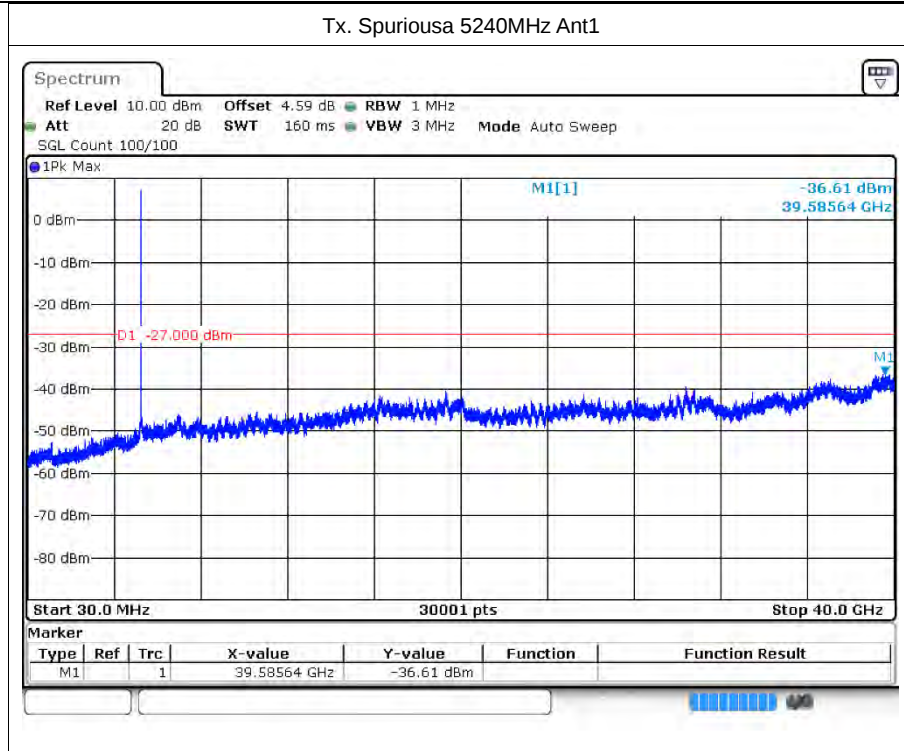
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
a	5180	Ant1	-36.35	-27	Pass
a	5200	Ant1	-36.44	-27	Pass
a	5240	Ant1	-36.61	-27	Pass
n20	5180	Ant1	-35.55	-27	Pass
n20	5200	Ant1	-36	-27	Pass
n20	5240	Ant1	-35.69	-27	Pass
n40	5190	Ant1	-35.7	-27	Pass
n40	5230	Ant1	-35.82	-27	Pass
ac20	5180	Ant1	-35.19	-27	Pass
ac20	5200	Ant1	-35.68	-27	Pass
ac20	5240	Ant1	-35.78	-27	Pass
ac40	5190	Ant1	-35.69	-27	Pass
ac40	5230	Ant1	-35.67	-27	Pass
ac80	5210	Ant1	-35.76	-27	Pass
ax20	5180	Ant1	-35.51	-27	Pass
ax20	5200	Ant1	-35.11	-27	Pass
ax20	5240	Ant1	-35.86	-27	Pass
ax40	5190	Ant1	-35.58	-27	Pass
ax40	5230	Ant1	-35.53	-27	Pass
ax80	5210	Ant1	-35.6	-27	Pass
a	5180	Ant2	-36.07	-27	Pass
a	5200	Ant2	-36.22	-27	Pass
a	5240	Ant2	-35.95	-27	Pass
n20	5180	Ant2	-35.43	-27	Pass
n20	5200	Ant2	-35.19	-27	Pass
n20	5240	Ant2	-35.76	-27	Pass
n40	5190	Ant2	-36.45	-27	Pass
n40	5230	Ant2	-35.5	-27	Pass
ac20	5180	Ant2	-35.88	-27	Pass
ac20	5200	Ant2	-34.57	-27	Pass
ac20	5240	Ant2	-35.38	-27	Pass
ac40	5190	Ant2	-35.73	-27	Pass
ac40	5230	Ant2	-35.53	-27	Pass
ac80	5210	Ant2	-36.13	-27	Pass
ax20	5180	Ant2	-35.27	-27	Pass
ax20	5200	Ant2	-36.2	-27	Pass
ax20	5240	Ant2	-36.17	-27	Pass



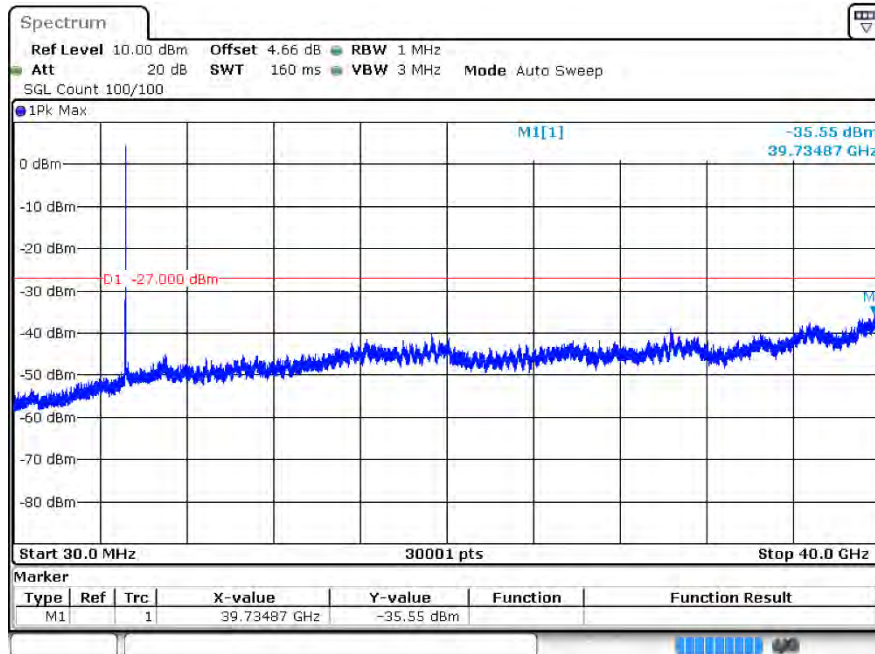
ax40	5190	Ant2	-36.39	-27	Pass
ax40	5230	Ant2	-35.82	-27	Pass
ax80	5210	Ant2	-36.15	-27	Pass

7.2 Test Graphs

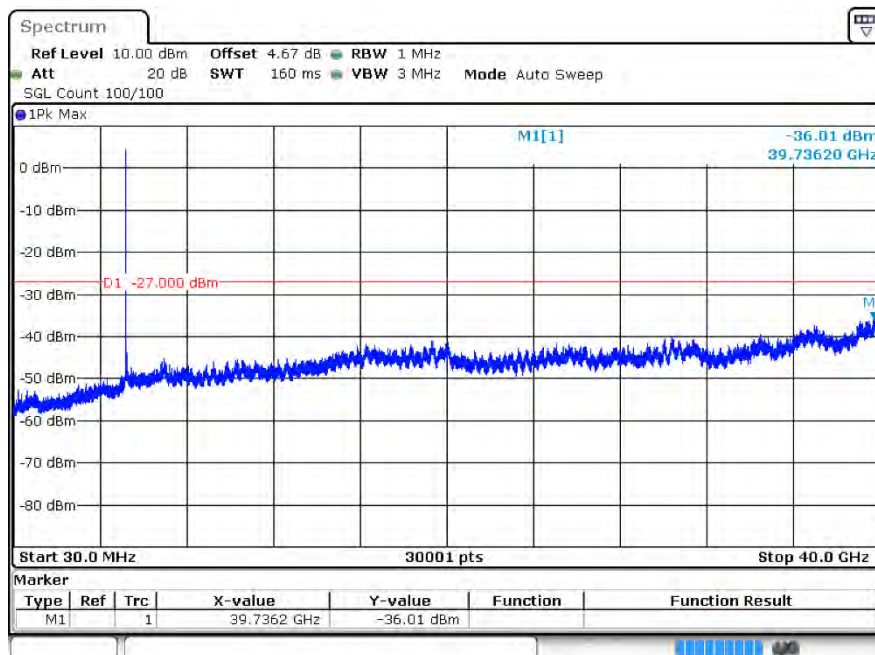


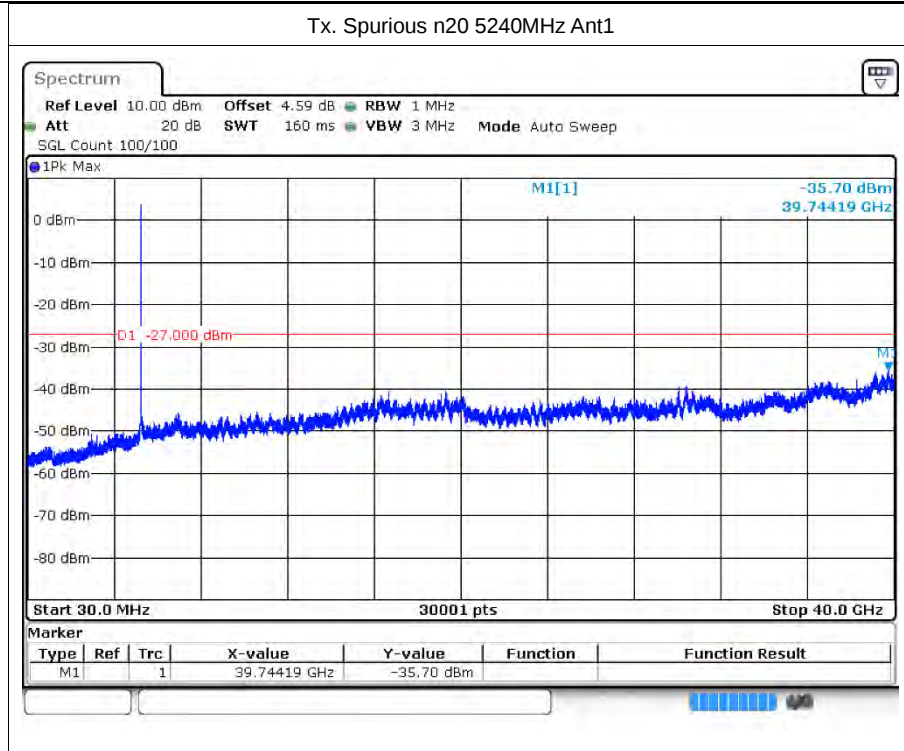


Tx. Spurious n20 5180MHz Ant1

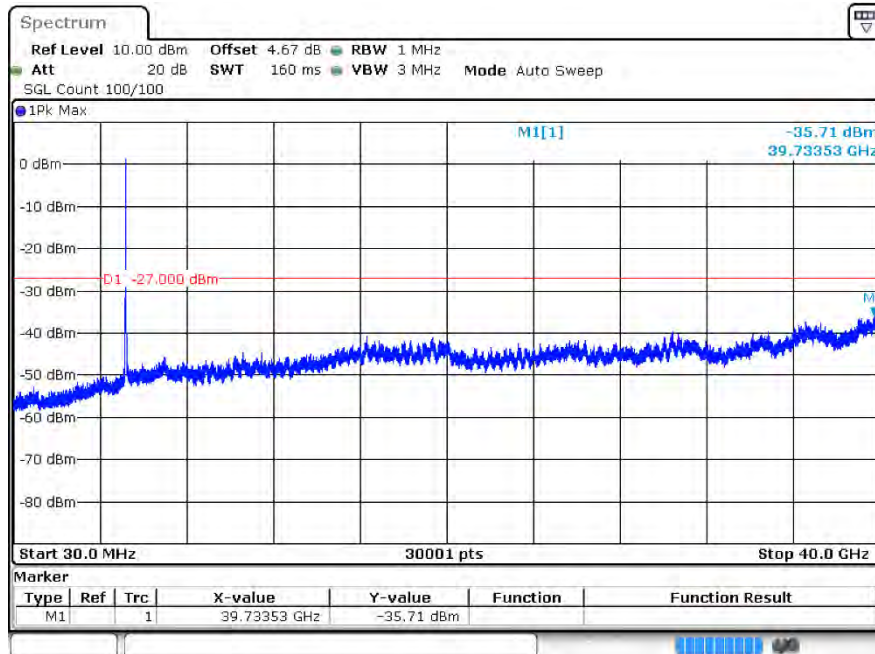


Tx. Spurious n20 5200MHz Ant1

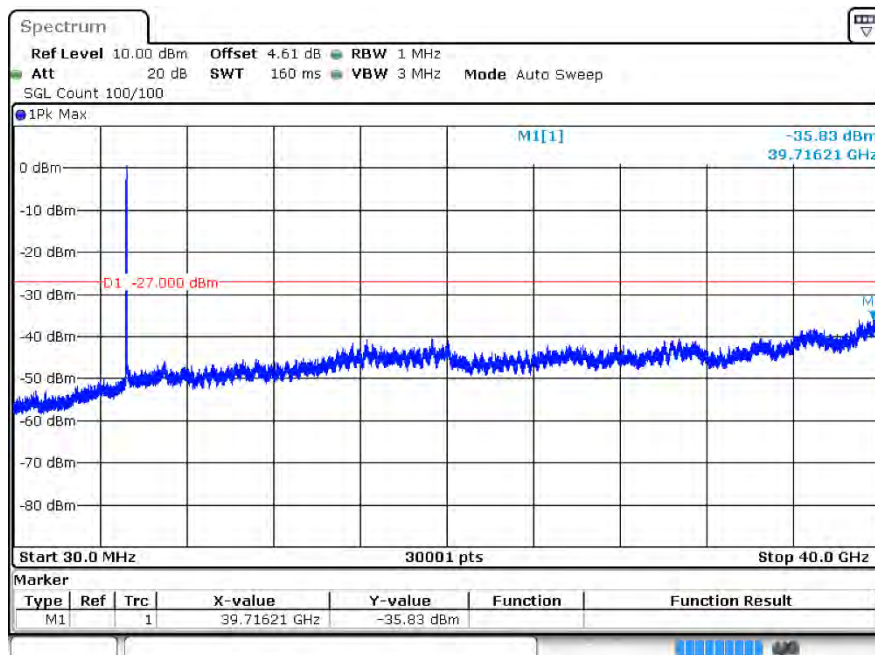




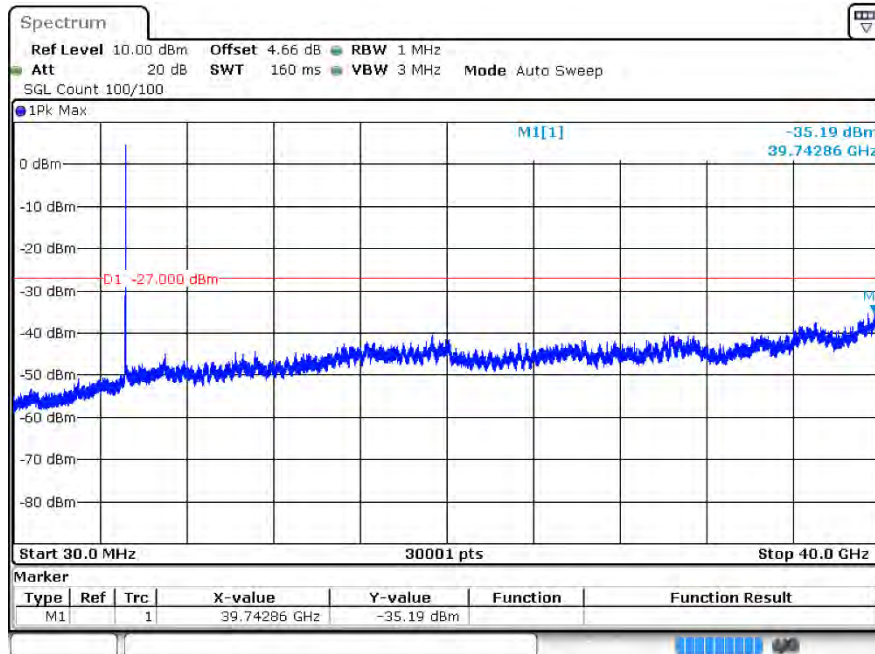
Tx. Spuriousn40 5190MHz Ant1



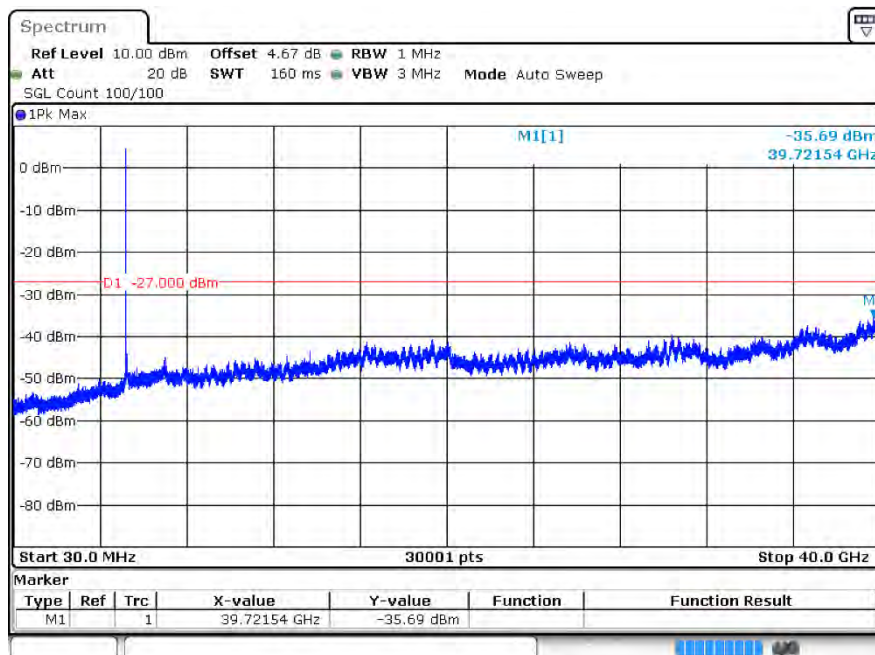
Tx. Spuriousn40 5230MHz Ant1

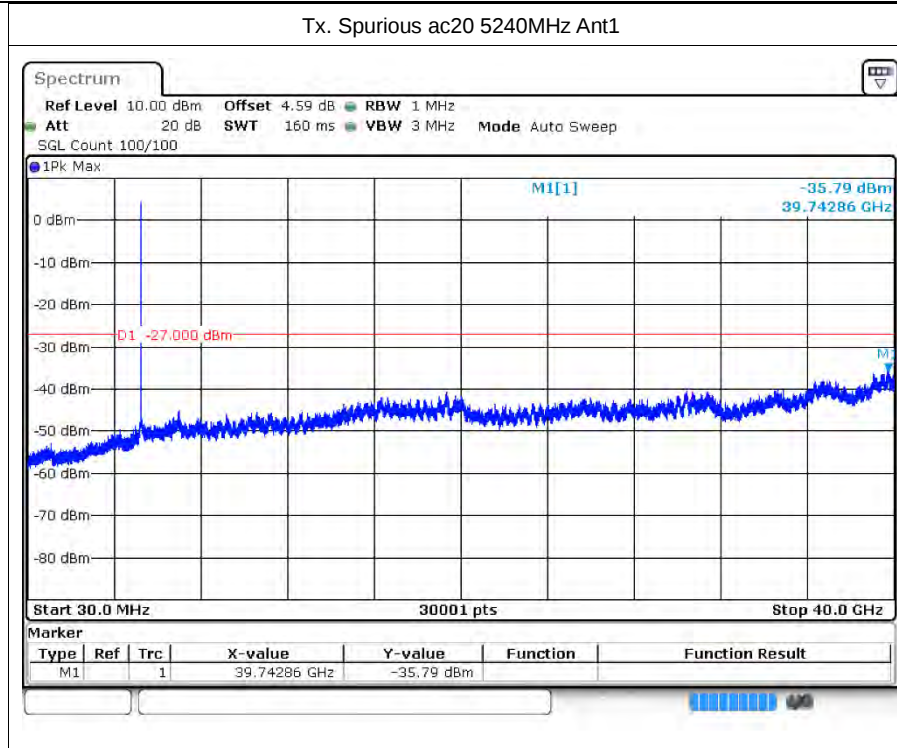


Tx. Spurious ac20 5180MHz Ant1

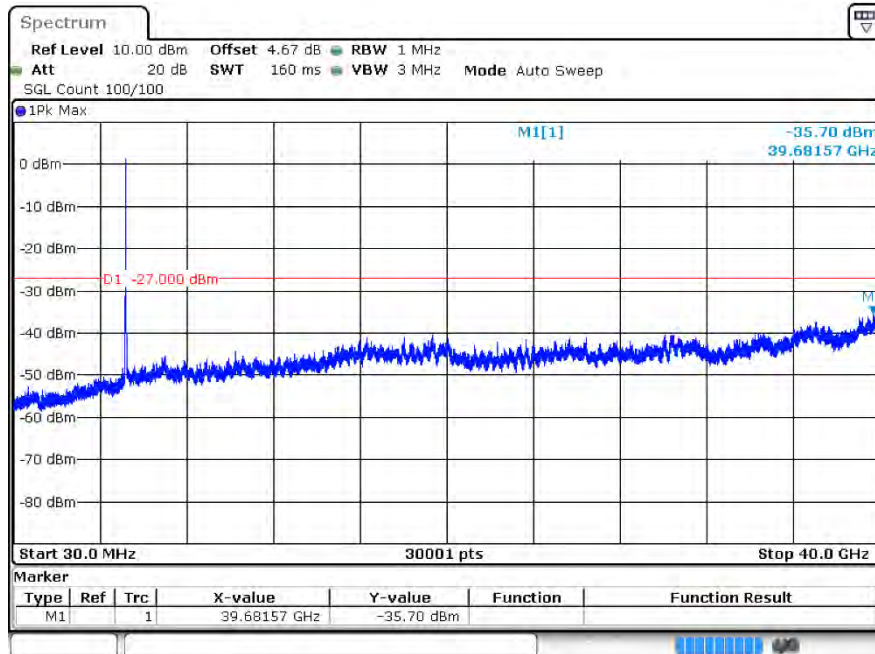


Tx. Spurious ac20 5200MHz Ant1

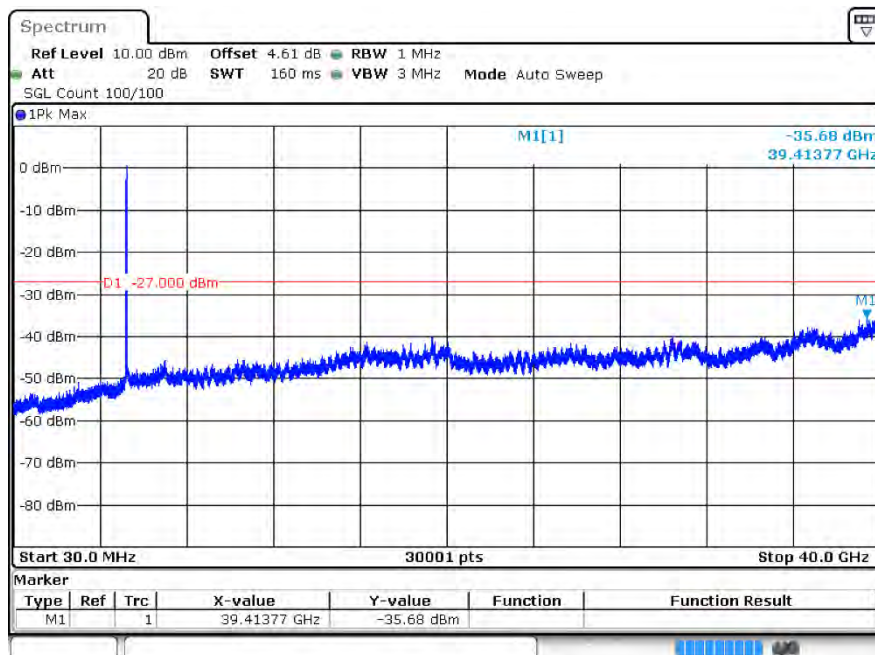


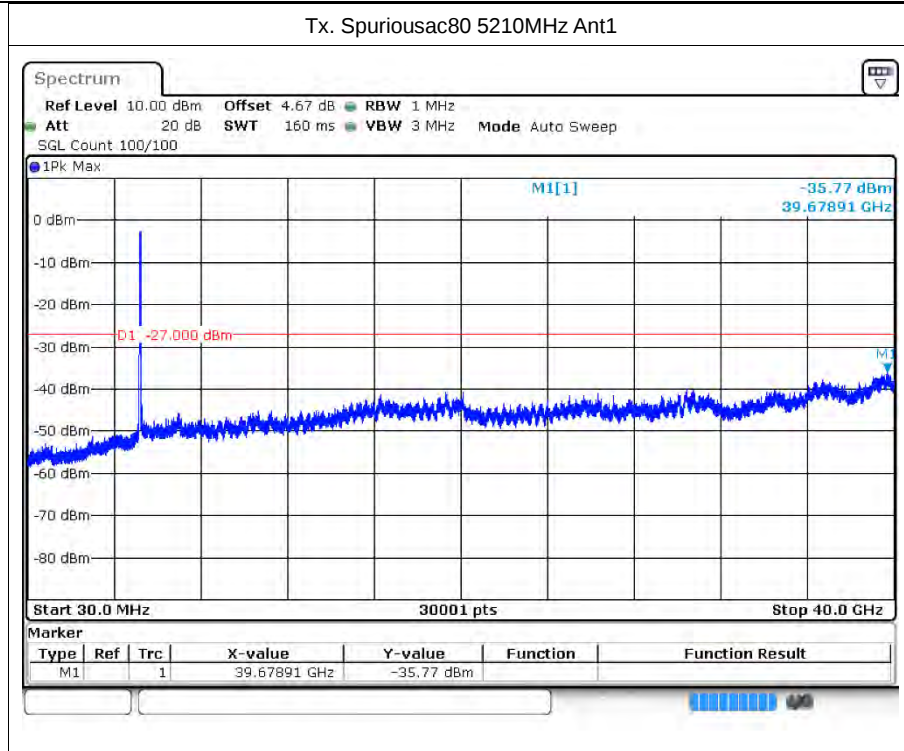


Tx. Spuriousac40 5190MHz Ant1

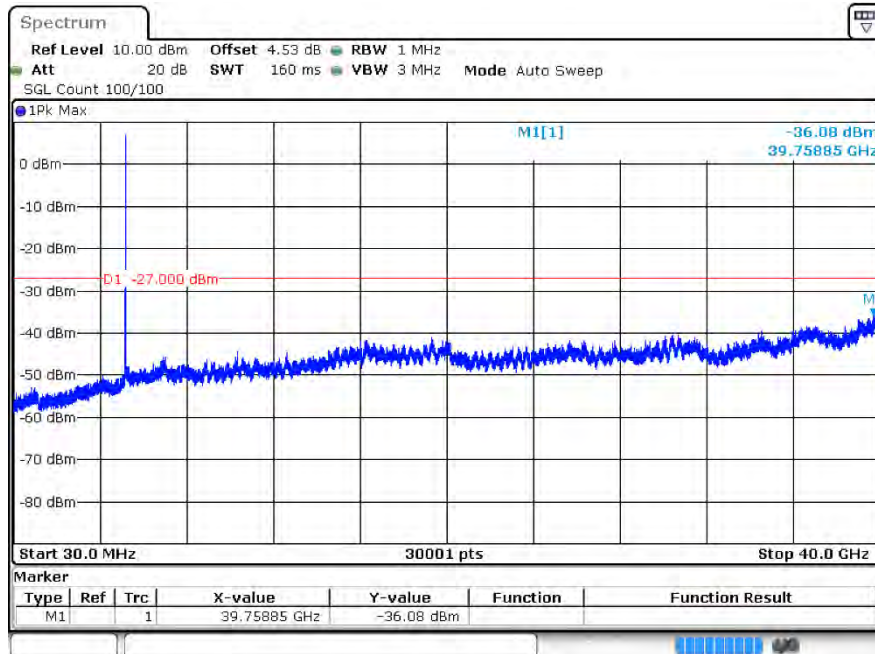


Tx. Spuriousac40 5230MHz Ant1

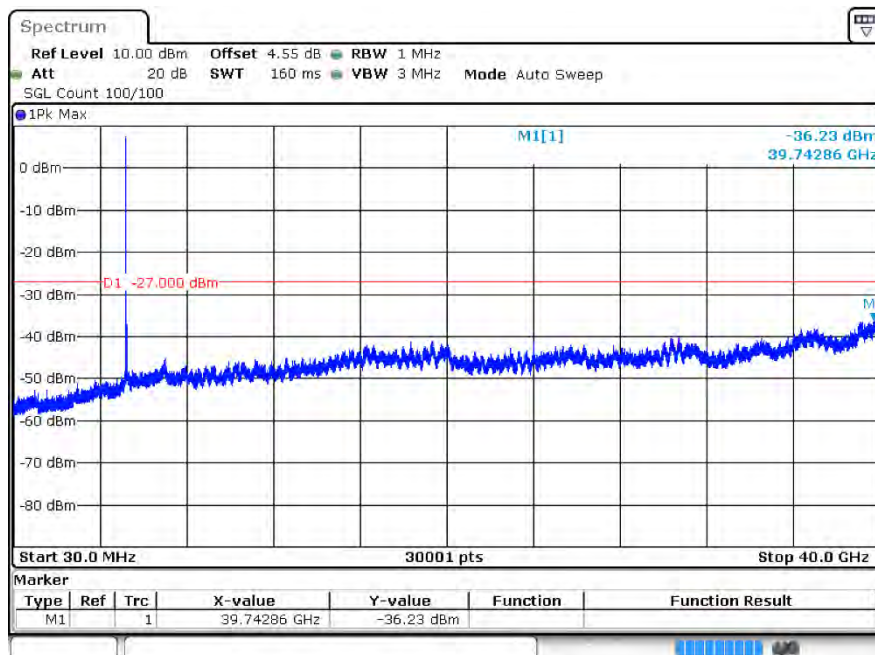




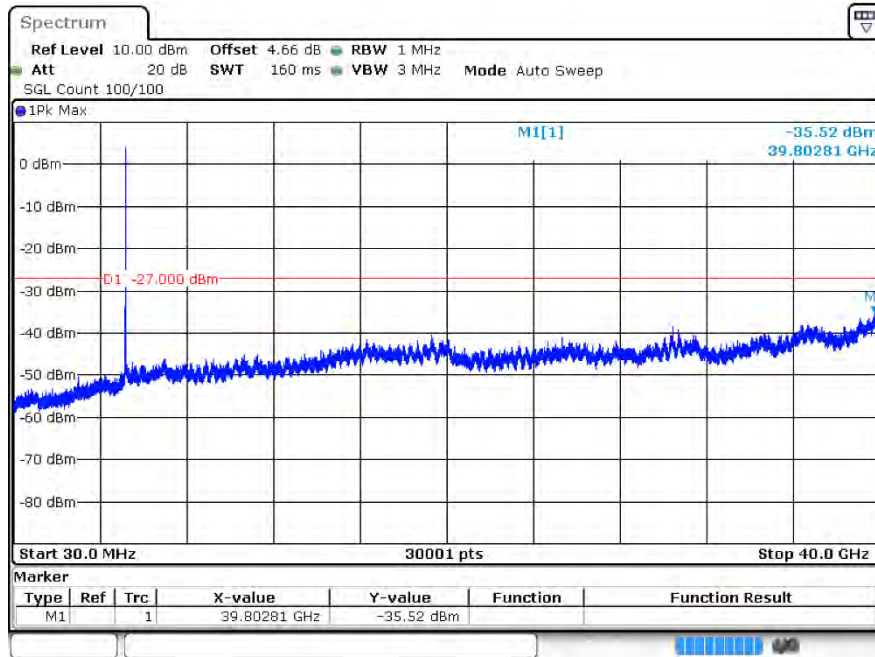
Tx. Spuriousa 5180MHz Ant2



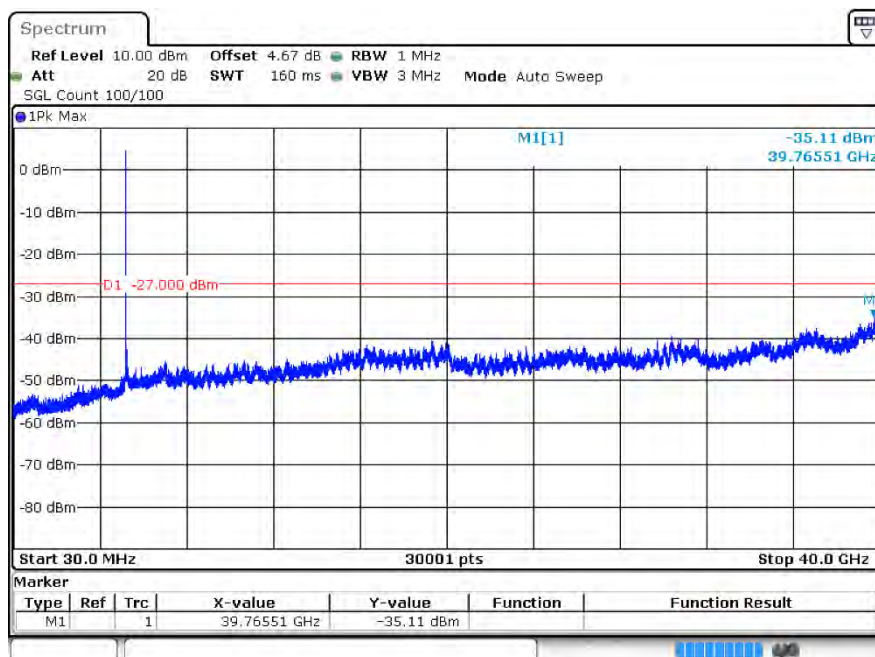
Tx. Spuriousa 5200MHz Ant2

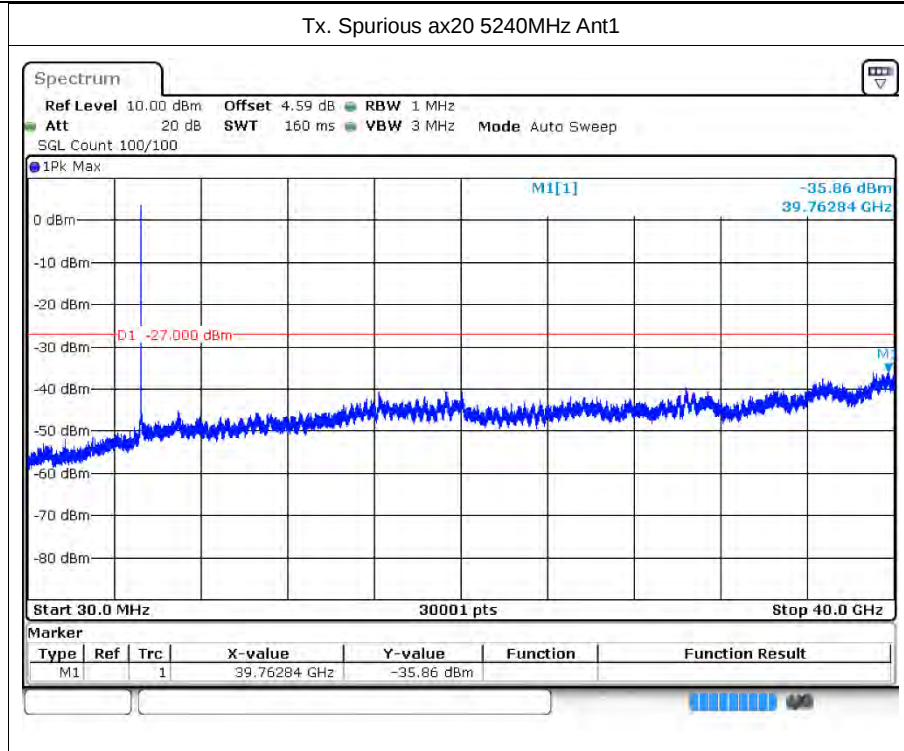


Tx. Spurious ax20 5180MHz Ant1

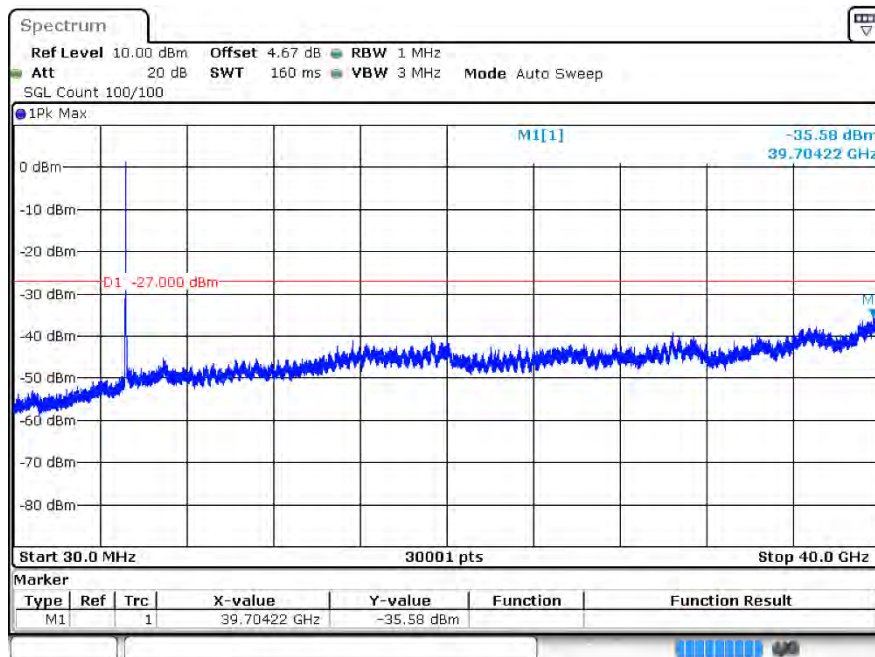


Tx. Spurious ax20 5200MHz Ant1

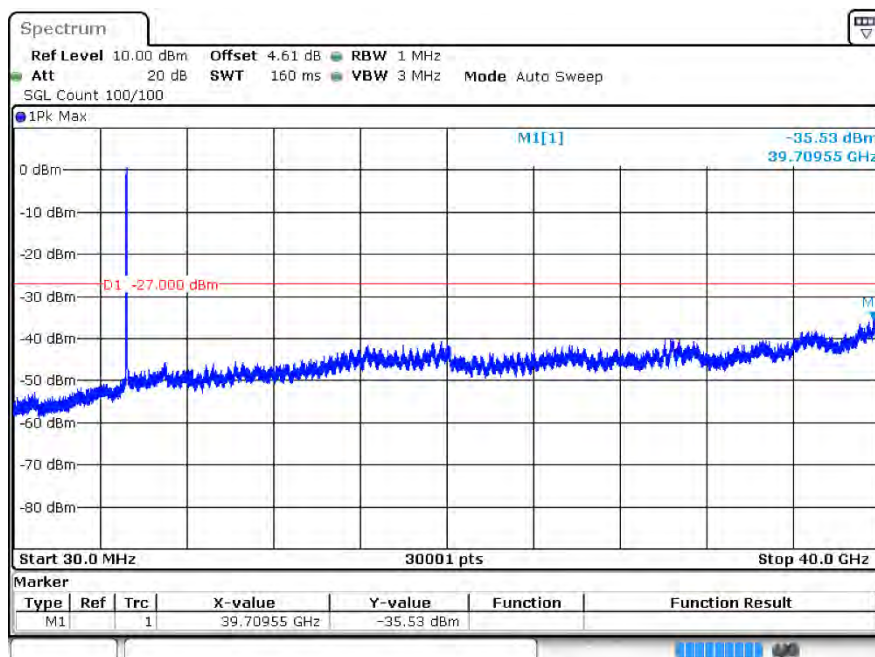


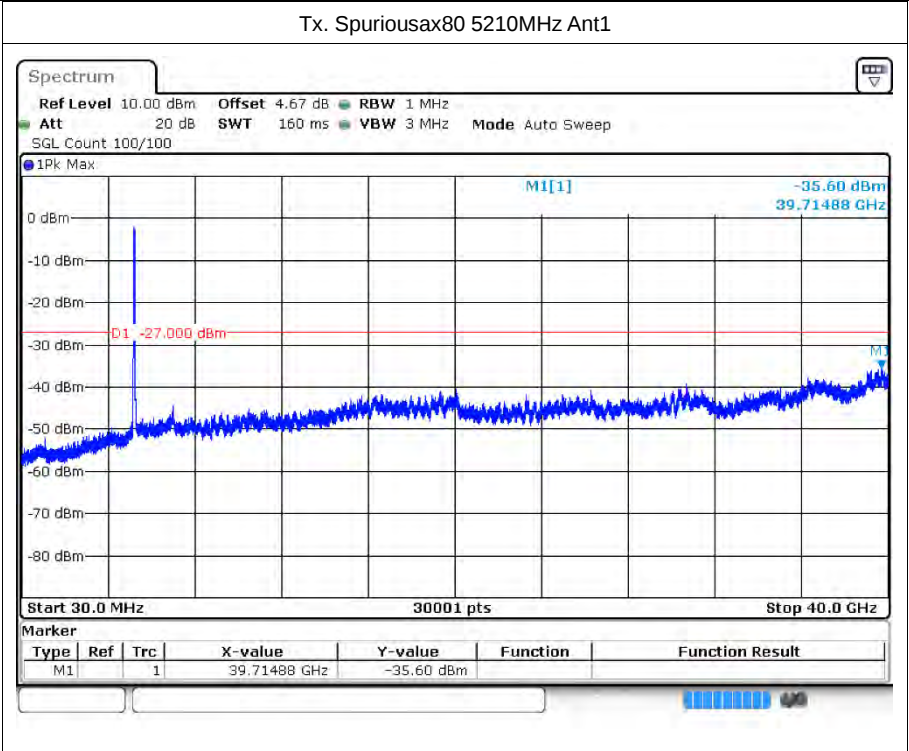


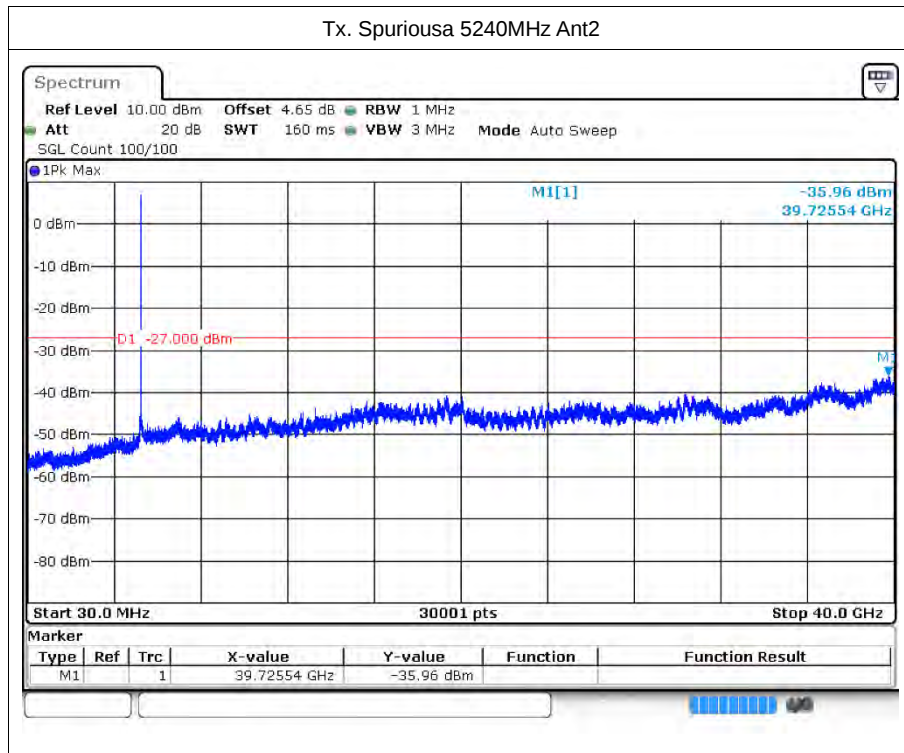
Tx. Spuriousax40 5190MHz Ant1



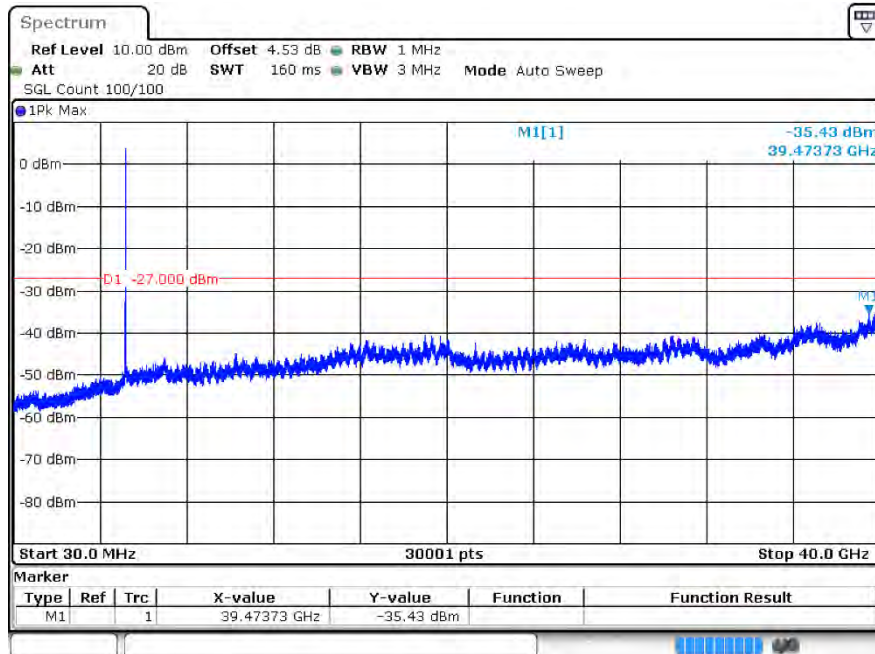
Tx. Spuriousax40 5230MHz Ant1



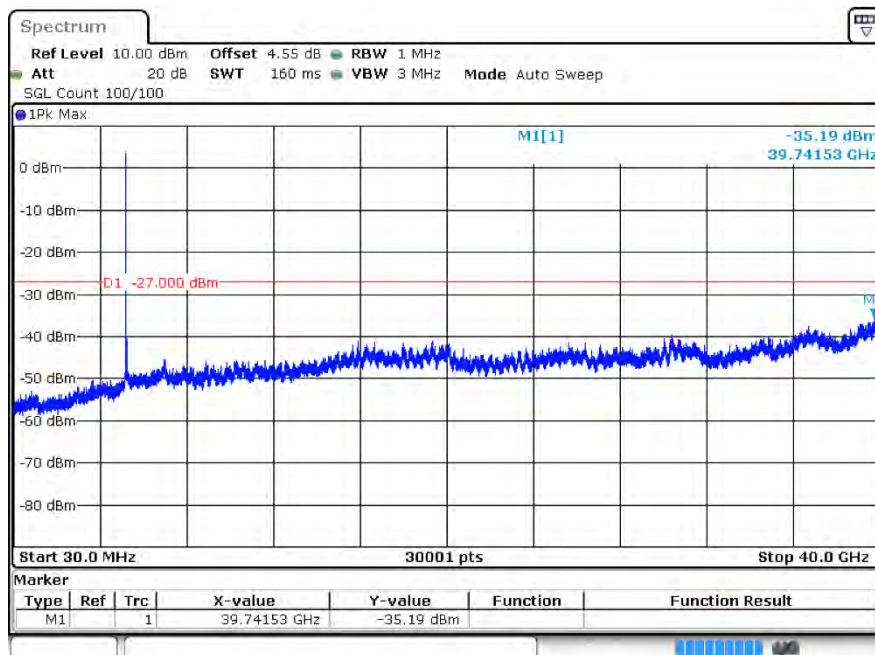


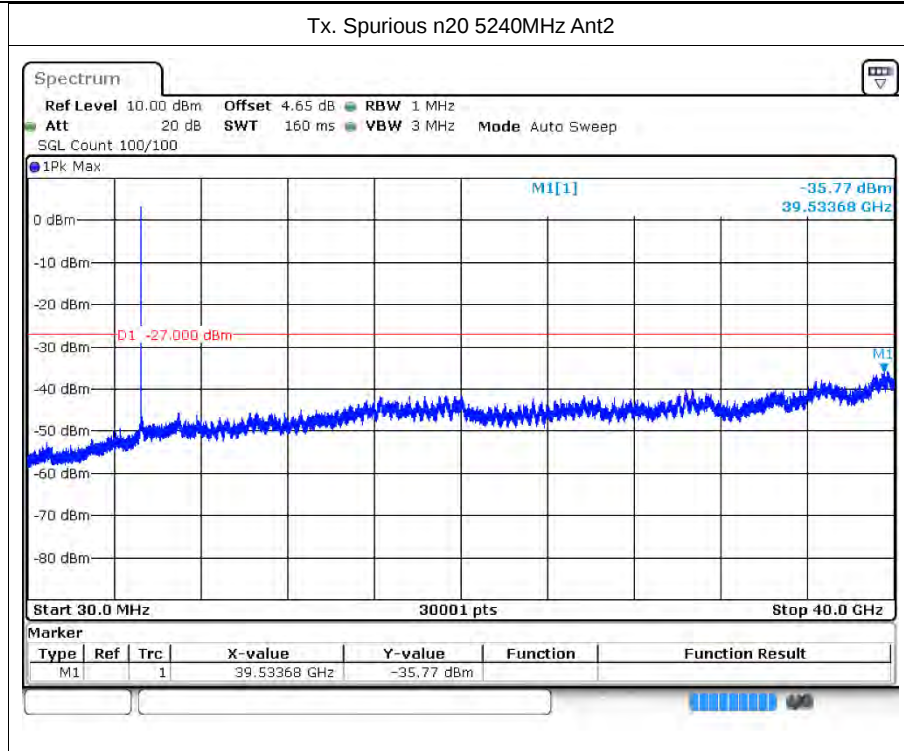


Tx. Spurious n20 5180MHz Ant2

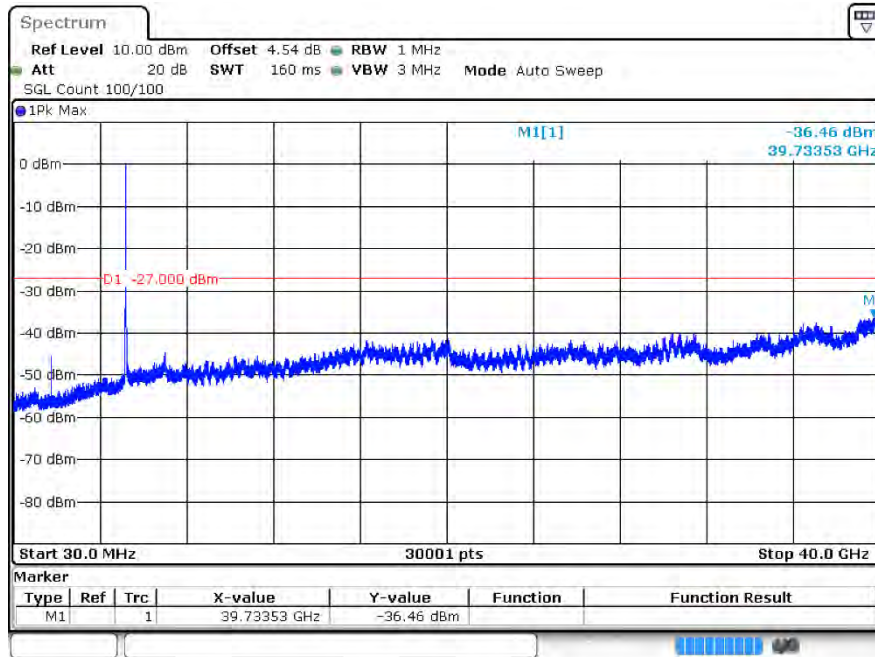


Tx. Spurious n20 5200MHz Ant2

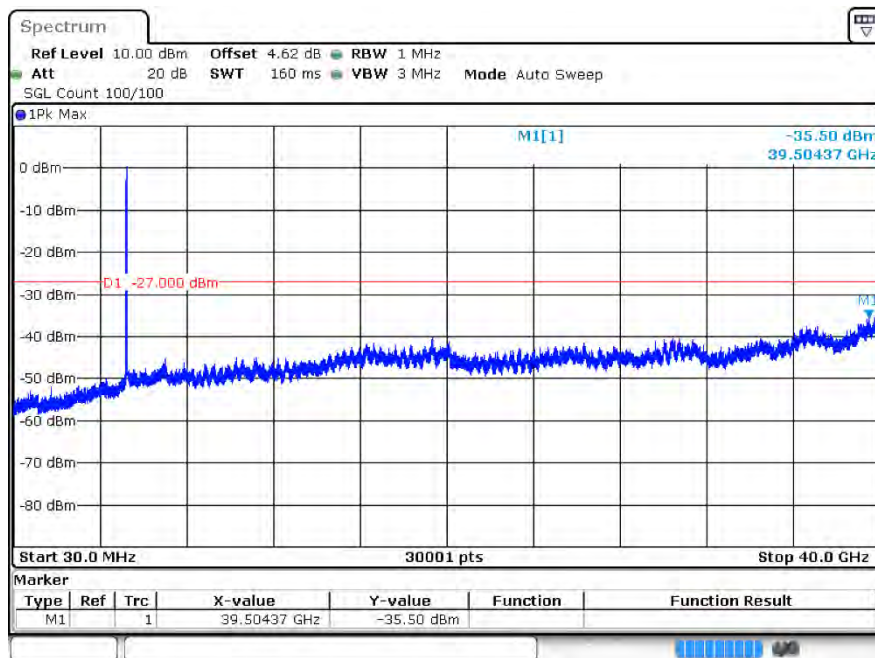




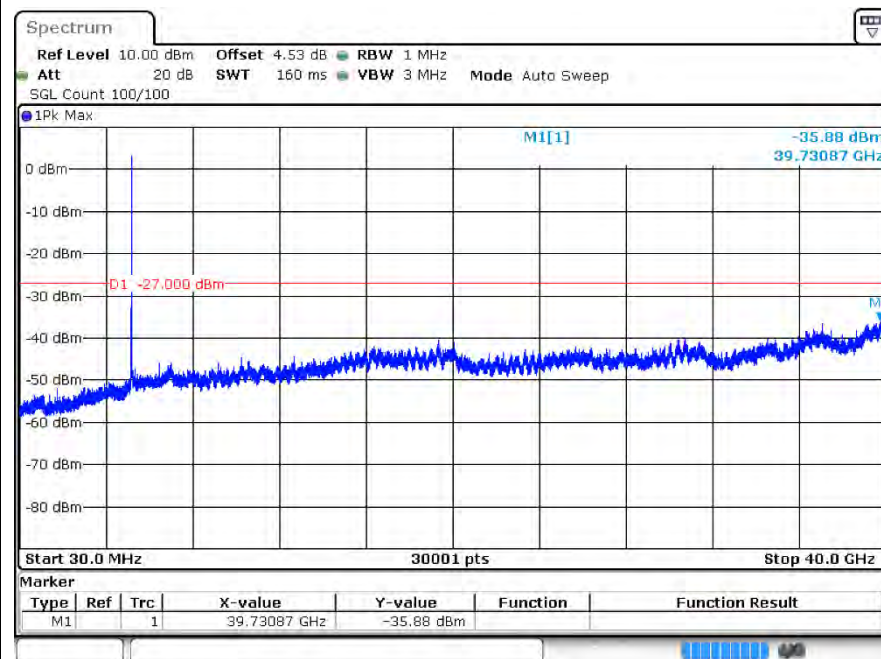
Tx. Spuriousn40 5190MHz Ant2



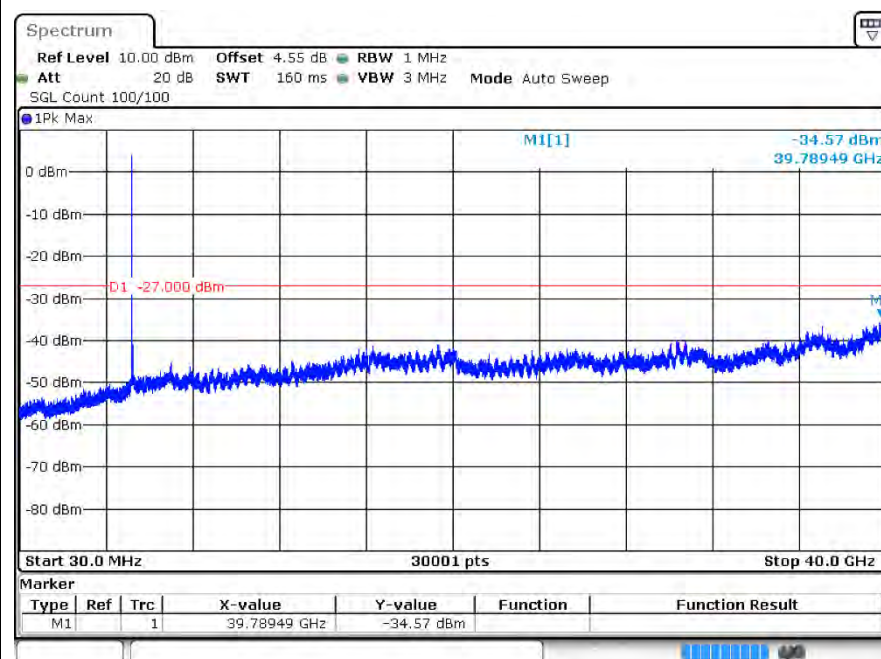
Tx. Spuriousn40 5230MHz Ant2

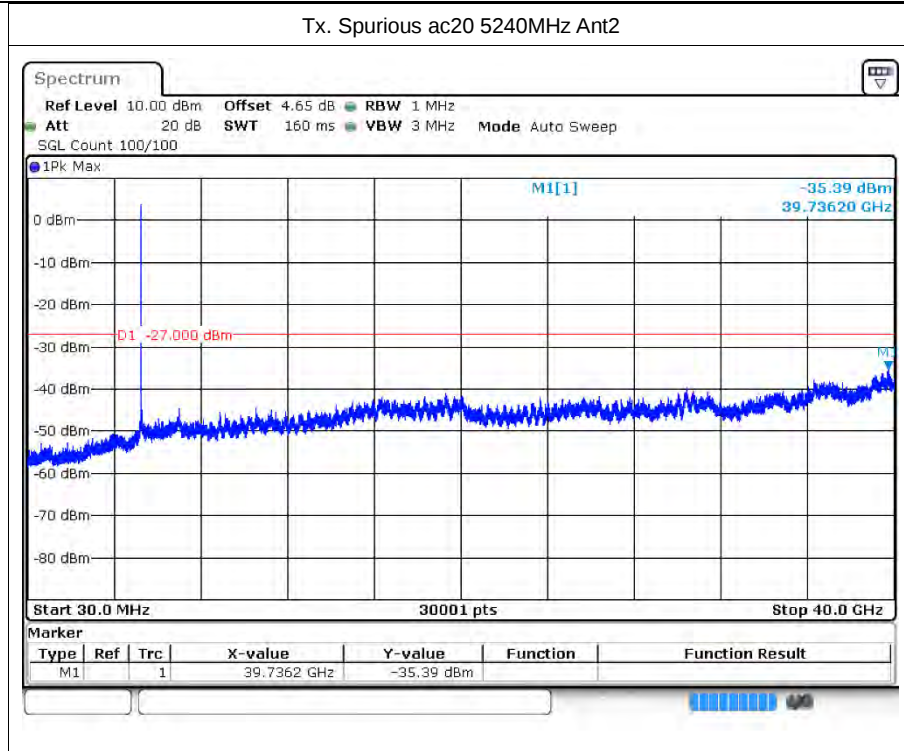


Tx. Spurious ac20 5180MHz Ant2

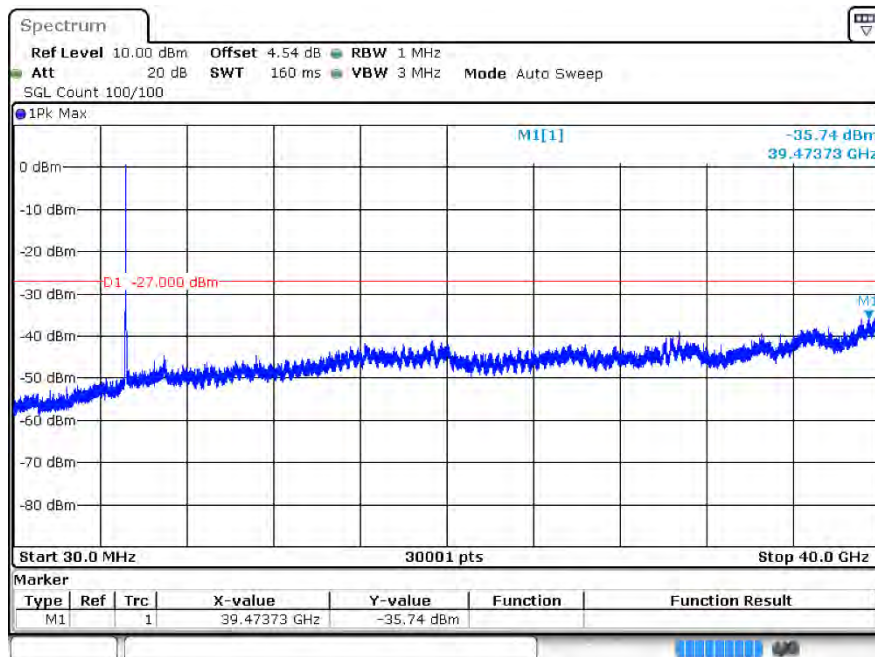


Tx. Spurious ac20 5200MHz Ant2

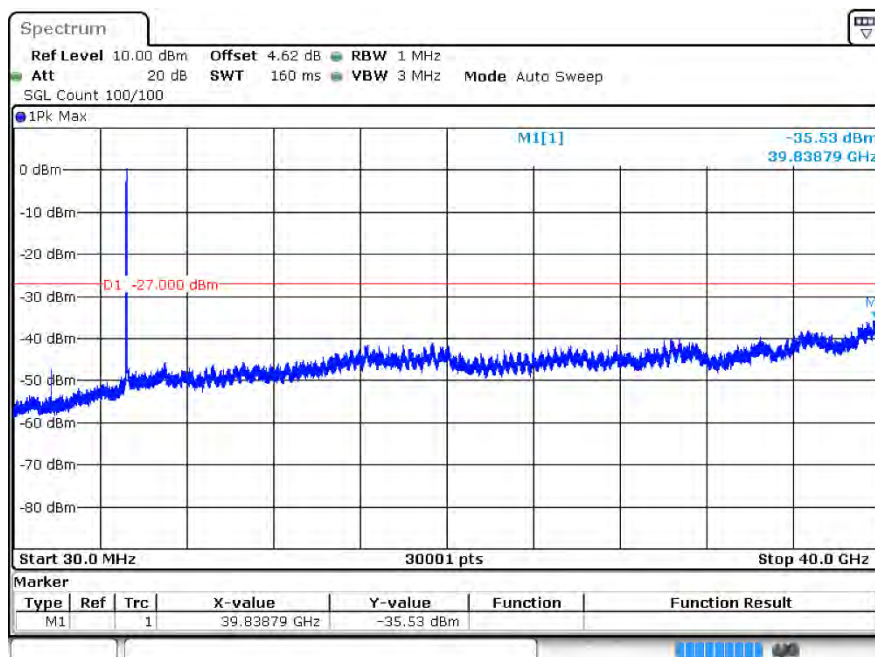


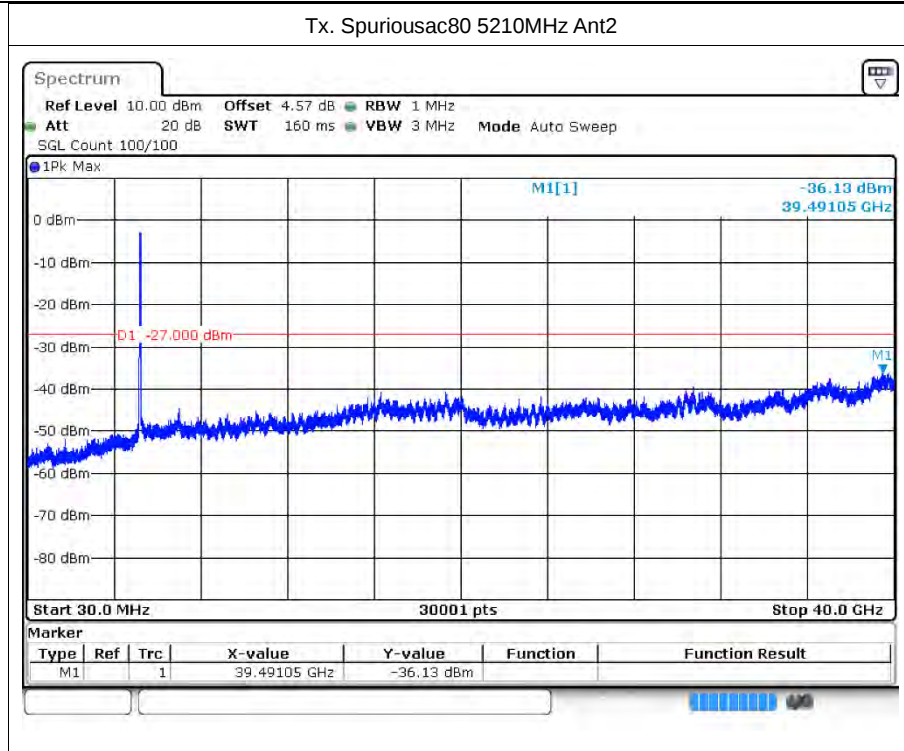


Tx. Spuriousac40 5190MHz Ant2

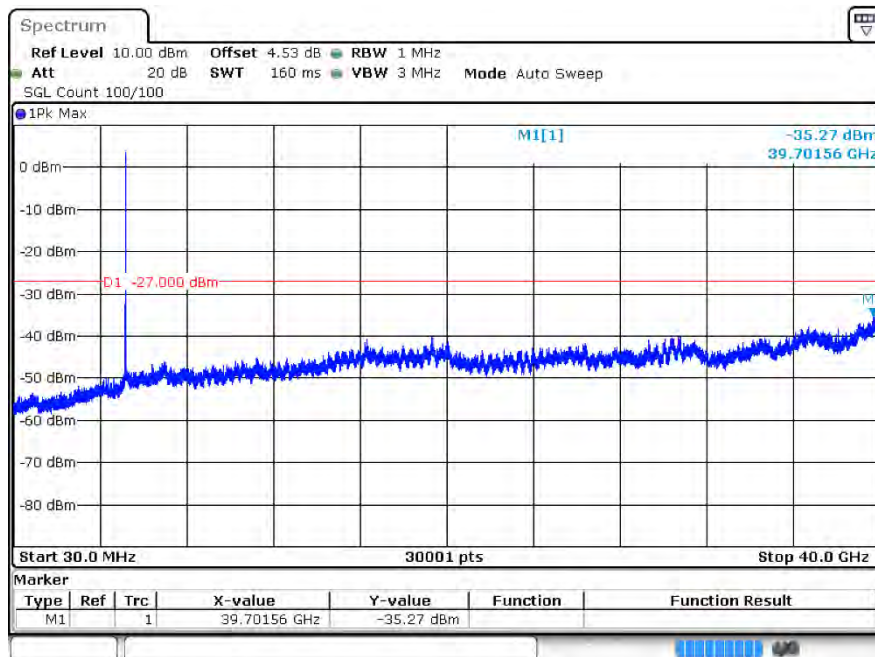


Tx. Spuriousac40 5230MHz Ant2

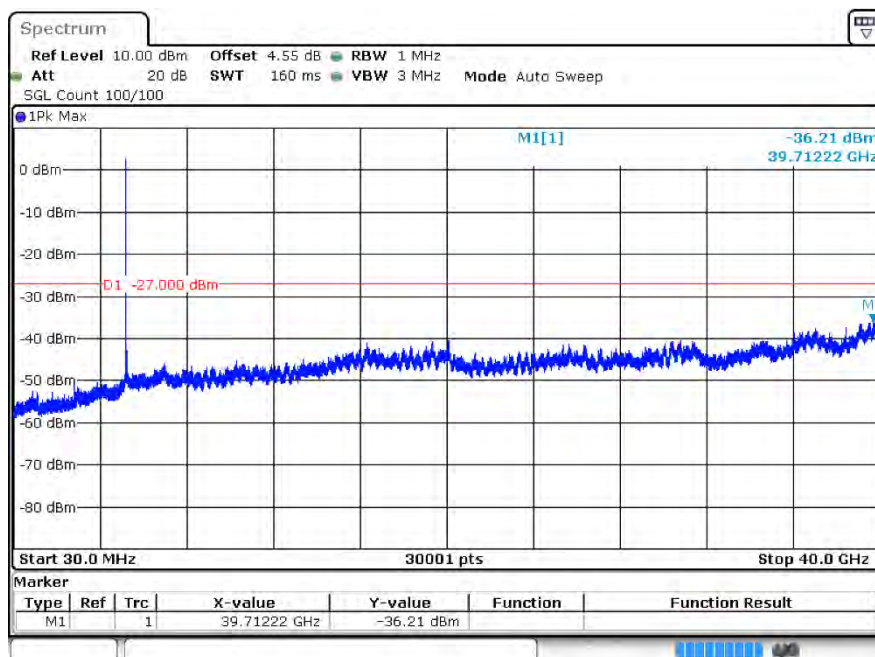


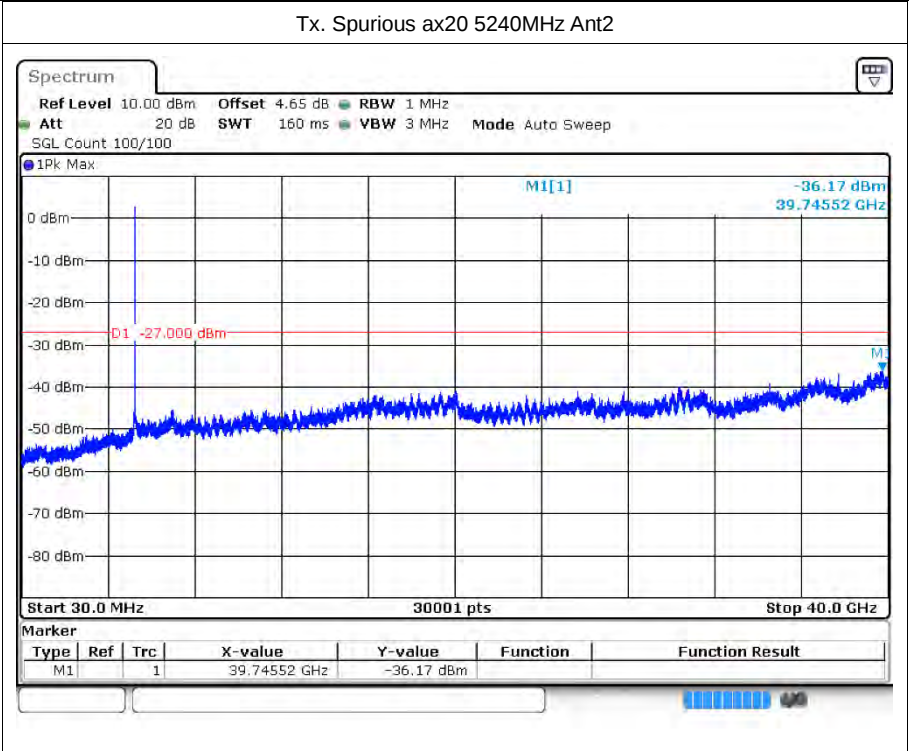


Tx. Spurious ax20 5180MHz Ant2

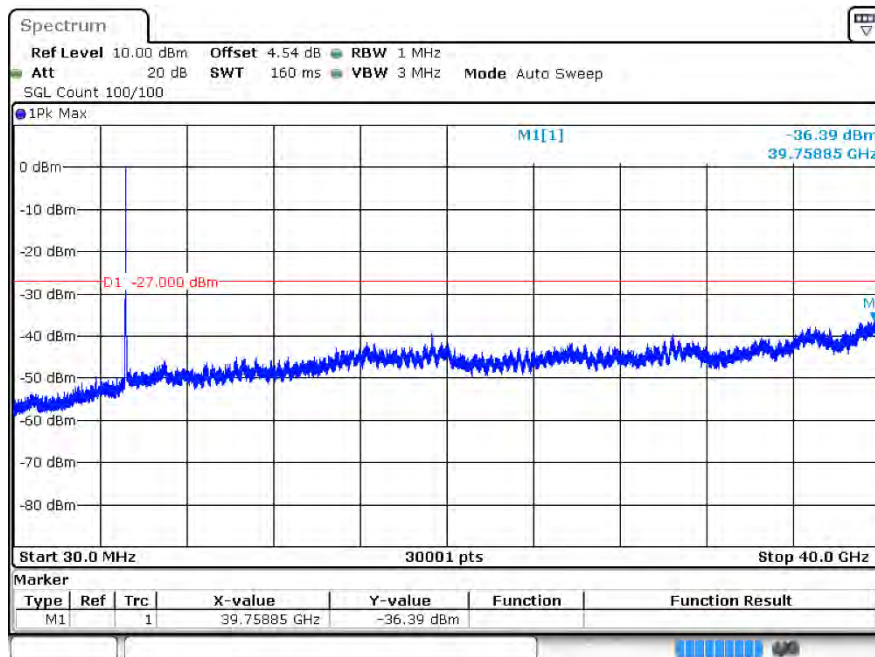


Tx. Spurious ax20 5200MHz Ant2

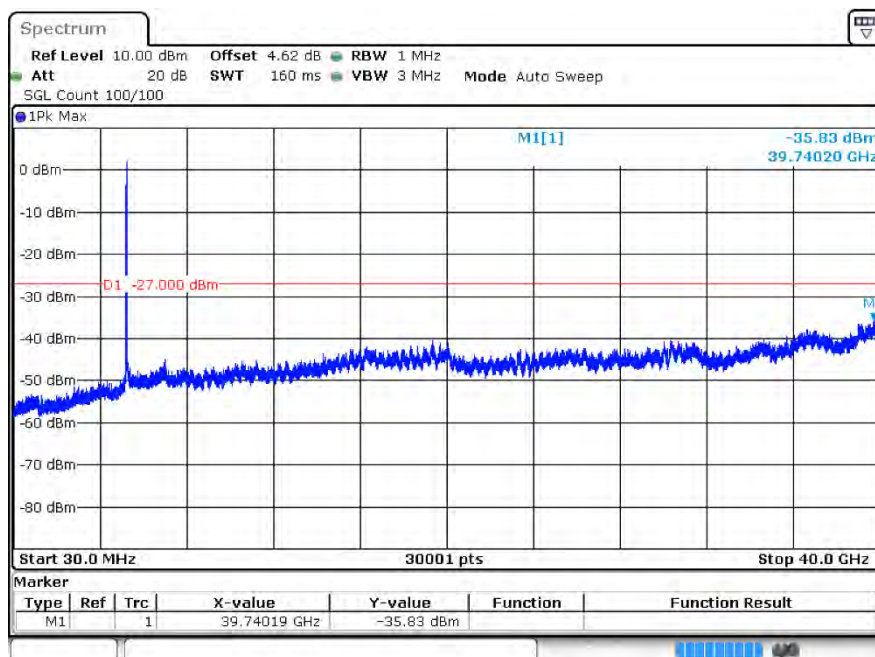


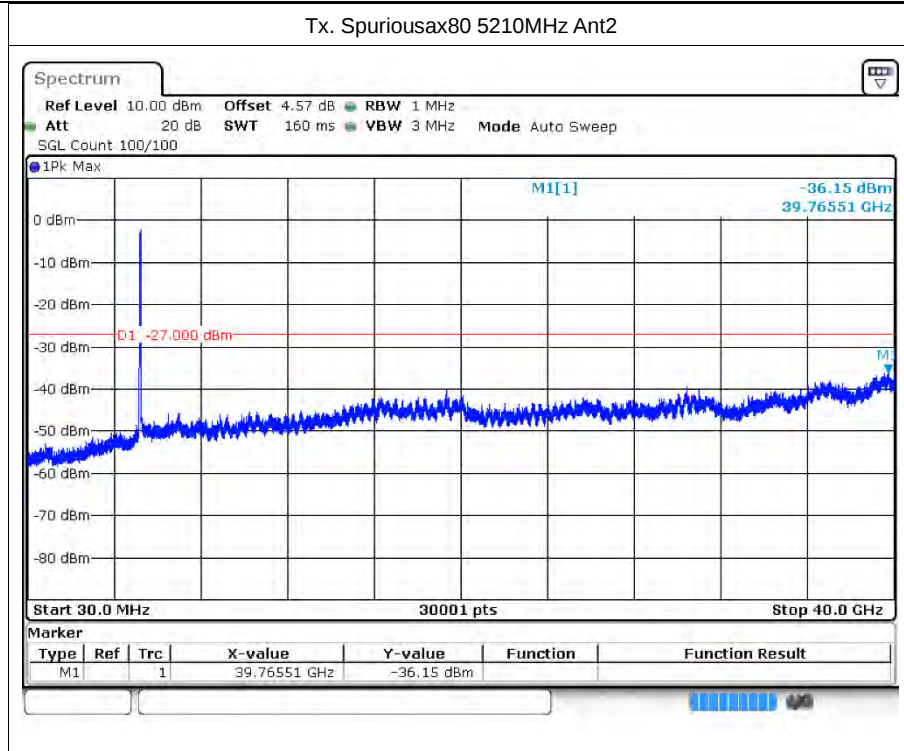


Tx. Spuriousax40 5190MHz Ant2



Tx. Spuriousax40 5230MHz Ant2







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	-54.65	5.343	45.923	Peak	68.2	Pass
a	5180	Ant1	4500	-64.51	5.343	36.063	Average	54	Pass
a	5180	Ant1	5076.1	-51.08	5.343	49.493	Peak	68.2	Pass
a	5180	Ant1	4970.4	-61.3	5.343	39.273	Average	54	Pass
a	5180	Ant1	5150	-53.16	5.343	47.413	Peak	68.2	Pass
a	5180	Ant1	5150	-62.44	5.343	38.133	Average	54	Pass
a	5240	Ant1	5350	-55.03	5.343	45.543	Peak	68.2	Pass
a	5240	Ant1	5350	-62.87	5.343	37.703	Average	54	Pass
a	5240	Ant1	5375.76	-51.05	5.343	49.523	Peak	68.2	Pass
a	5240	Ant1	5450.4	-60.96	5.343	39.613	Average	54	Pass
a	5240	Ant1	5460	-53.82	5.343	46.753	Peak	68.2	Pass
a	5240	Ant1	5460	-62.85	5.343	37.723	Average	54	Pass
n20	5180	Ant1	4500	-54.26	5.343	46.313	Peak	68.2	Pass
n20	5180	Ant1	4500	-65.1	5.343	35.473	Average	54	Pass
n20	5180	Ant1	5062.8	-51.66	5.343	48.913	Peak	68.2	Pass
n20	5180	Ant1	4962.7	-61.47	5.343	39.103	Average	54	Pass
n20	5180	Ant1	5150	-53.88	5.343	46.693	Peak	68.2	Pass
n20	5180	Ant1	5150	-62.67	5.343	37.903	Average	54	Pass
n20	5240	Ant1	5350	-54.88	5.343	45.693	Peak	68.2	Pass
n20	5240	Ant1	5350	-63.58	5.343	36.993	Average	54	Pass
n20	5240	Ant1	5402.4	-51.24	5.343	49.333	Peak	68.2	Pass
n20	5240	Ant1	5446.8	-61.04	5.343	39.533	Average	54	Pass
n20	5240	Ant1	5460	-54.77	5.343	45.803	Peak	68.2	Pass
n20	5240	Ant1	5460	-62.68	5.343	37.893	Average	54	Pass
n40	5190	Ant1	4500	-55.31	5.343	45.263	Peak	68.2	Pass
n40	5190	Ant1	4500	-64.17	5.343	36.403	Average	54	Pass
n40	5190	Ant1	5076.7	-50.65	5.343	49.923	Peak	68.2	Pass
n40	5190	Ant1	4966.47	-61.71	5.343	38.863	Average	54	Pass
n40	5190	Ant1	5150	-54.46	5.343	46.113	Peak	68.2	Pass
n40	5190	Ant1	5150	-62.77	5.343	37.803	Average	54	Pass
n40	5230	Ant1	5350	-51.49	5.343	49.083	Peak	68.2	Pass
n40	5230	Ant1	5350	-62.48	5.343	38.093	Average	54	Pass
n40	5230	Ant1	5386.83	-51.12	5.343	49.453	Peak	68.2	Pass
n40	5230	Ant1	5447.58	-61.3	5.343	39.273	Average	54	Pass
n40	5230	Ant1	5460	-55.45	5.343	45.123	Peak	68.2	Pass



n40	5230	Ant1	5460	-62.54	5.343	38.033	Average	54	Pass
ac20	5180	Ant1	4500	-55.35	5.343	45.223	Peak	68.2	Pass
ac20	5180	Ant1	4500	-64.61	5.343	35.963	Average	54	Pass
ac20	5180	Ant1	5106.9	-51.18	5.343	49.393	Peak	68.2	Pass
ac20	5180	Ant1	5040.4	-61.17	5.343	39.403	Average	54	Pass
ac20	5180	Ant1	5150	-53.06	5.343	47.513	Peak	68.2	Pass
ac20	5180	Ant1	5150	-62.82	5.343	37.753	Average	54	Pass
ac20	5240	Ant1	5350	-54.51	5.343	46.063	Peak	68.2	Pass
ac20	5240	Ant1	5350	-62.03	5.343	38.543	Average	54	Pass
ac20	5240	Ant1	5452.56	-50.03	5.343	50.543	Peak	68.2	Pass
ac20	5240	Ant1	5449.44	-60.83	5.343	39.743	Average	54	Pass
ac20	5240	Ant1	5460	-52.7	5.343	47.873	Peak	68.2	Pass
ac20	5240	Ant1	5460	-61.97	5.343	38.603	Average	54	Pass
ac40	5190	Ant1	4500	-54.71	5.343	45.863	Peak	68.2	Pass
ac40	5190	Ant1	4500	-64.87	5.343	35.703	Average	54	Pass
ac40	5190	Ant1	5056.26	-51.17	5.343	49.403	Peak	68.2	Pass
ac40	5190	Ant1	4967.2	-61.37	5.343	39.203	Average	54	Pass
ac40	5190	Ant1	5150	-55.07	5.343	45.503	Peak	68.2	Pass
ac40	5190	Ant1	5150	-62.56	5.343	38.013	Average	54	Pass
ac40	5230	Ant1	5350	-55.77	5.343	44.803	Peak	68.2	Pass
ac40	5230	Ant1	5350	-62.43	5.343	38.143	Average	54	Pass
ac40	5230	Ant1	5447.31	-50.32	5.343	50.253	Peak	68.2	Pass
ac40	5230	Ant1	5447.31	-60.81	5.343	39.763	Average	54	Pass
ac40	5230	Ant1	5460	-53.64	5.343	46.933	Peak	68.2	Pass
ac40	5230	Ant1	5460	-62.45	5.343	38.123	Average	54	Pass
ac80	5210	Ant1	4500	-55.54	5.343	45.033	Peak	68.2	Pass
ac80	5210	Ant1	4500	-64.63	5.343	35.943	Average	54	Pass
ac80	5210	Ant1	5032.46	-51.34	5.343	49.233	Peak	68.2	Pass
ac80	5210	Ant1	4967.68	-60.95	5.343	39.623	Average	54	Pass
ac80	5210	Ant1	5150	-52.9	5.343	47.673	Peak	68.2	Pass
ac80	5210	Ant1	5150	-62.39	5.343	38.183	Average	54	Pass
ax20	5180	Ant1	4500	-55.12	5.343	45.453	Peak	68.2	Pass
ax20	5180	Ant1	4500	-64.53	5.343	36.043	Average	54	Pass
ax20	5180	Ant1	5130	-50.97	5.343	49.603	Peak	68.2	Pass
ax20	5180	Ant1	4966.9	-61.45	5.343	39.123	Average	54	Pass
ax20	5180	Ant1	5150	-53.01	5.343	47.563	Peak	68.2	Pass
ax20	5180	Ant1	5150	-62.48	5.343	38.093	Average	54	Pass
ax20	5240	Ant1	5350	-52.03	5.343	48.543	Peak	68.2	Pass
ax20	5240	Ant1	5350	-62.51	5.343	38.063	Average	54	Pass
ax20	5240	Ant1	5367.84	-50.87	5.343	49.703	Peak	68.2	Pass
ax20	5240	Ant1	5448	-60.52	5.343	40.053	Average	54	Pass
ax20	5240	Ant1	5460	-53.64	5.343	46.933	Peak	68.2	Pass
ax20	5240	Ant1	5460	-62.7	5.343	37.873	Average	54	Pass



ax40	5190	Ant1	4500	-55.23	5.343	45.343	Peak	68.2	Pass
ax40	5190	Ant1	4500	-64.52	5.343	36.053	Average	54	Pass
ax40	5190	Ant1	5148.24	-51.27	5.343	49.303	Peak	68.2	Pass
ax40	5190	Ant1	4965.74	-61.19	5.343	39.383	Average	54	Pass
ax40	5190	Ant1	5150	-51.06	5.343	49.513	Peak	68.2	Pass
ax40	5190	Ant1	5150	-62.86	5.343	37.713	Average	54	Pass
ax40	5230	Ant1	5350	-54.27	5.343	46.303	Peak	68.2	Pass
ax40	5230	Ant1	5350	-62.52	5.343	38.053	Average	54	Pass
ax40	5230	Ant1	5450.01	-50.15	5.343	50.423	Peak	68.2	Pass
ax40	5230	Ant1	5449.74	-61.25	5.343	39.323	Average	54	Pass
ax40	5230	Ant1	5460	-53.83	5.343	46.743	Peak	68.2	Pass
ax40	5230	Ant1	5460	-62.57	5.343	38.003	Average	54	Pass
ax80	5210	Ant1	4500	-54.66	5.343	45.913	Peak	68.2	Pass
ax80	5210	Ant1	4500	-64.94	5.343	35.633	Average	54	Pass
ax80	5210	Ant1	4970.05	-51.51	5.343	49.063	Peak	68.2	Pass
ax80	5210	Ant1	4966.1	-61.39	5.343	39.183	Average	54	Pass
ax80	5210	Ant1	5150	-53.93	5.343	46.643	Peak	68.2	Pass
ax80	5210	Ant1	5150	-62.77	5.343	37.803	Average	54	Pass
a	5180	Ant2	4500	-55.49	7.07	46.810	Peak	68.2	Pass
a	5180	Ant2	4500	-64.51	7.07	37.790	Average	54	Pass
a	5180	Ant2	4964.8	-52.01	7.07	50.290	Peak	68.2	Pass
a	5180	Ant2	4962.7	-61.19	7.07	41.110	Average	54	Pass
a	5180	Ant2	5150	-53.5	7.07	48.800	Peak	68.2	Pass
a	5180	Ant2	5150	-61.96	7.07	40.340	Average	54	Pass
a	5240	Ant2	5350	-54.76	7.07	47.540	Peak	68.2	Pass
a	5240	Ant2	5350	-62.18	7.07	40.120	Average	54	Pass
a	5240	Ant2	5428.8	-50.69	7.07	51.610	Peak	68.2	Pass
a	5240	Ant2	5446.8	-61.24	7.07	41.060	Average	54	Pass
a	5240	Ant2	5460	-53.97	7.07	48.330	Peak	68.2	Pass
a	5240	Ant2	5460	-62.68	7.07	39.620	Average	54	Pass
n20	5180	Ant2	4500	-54.23	7.07	48.070	Peak	68.2	Pass
n20	5180	Ant2	4500	-65.17	7.07	37.130	Average	54	Pass
n20	5180	Ant2	5134.9	-50.59	7.07	51.710	Peak	68.2	Pass
n20	5180	Ant2	4964.1	-61.52	7.07	40.780	Average	54	Pass
n20	5180	Ant2	5150	-53.93	7.07	48.370	Peak	68.2	Pass
n20	5180	Ant2	5150	-62.21	7.07	40.090	Average	54	Pass
n20	5240	Ant2	5350	-53.57	7.07	48.730	Peak	68.2	Pass
n20	5240	Ant2	5350	-62.35	7.07	39.950	Average	54	Pass
n20	5240	Ant2	5450.16	-49.48	7.07	52.820	Peak	68.2	Pass
n20	5240	Ant2	5446.8	-60.96	7.07	41.340	Average	54	Pass
n20	5240	Ant2	5460	-54.48	7.07	47.820	Peak	68.2	Pass
n20	5240	Ant2	5460	-63.07	7.07	39.230	Average	54	Pass
n40	5190	Ant2	4500	-54.65	7.07	47.650	Peak	68.2	Pass



n40	5190	Ant2	4500	-65.2	7.07	37.100	Average	54	Pass
n40	5190	Ant2	5097.14	-51.57	7.07	50.730	Peak	68.2	Pass
n40	5190	Ant2	4970.85	-61.8	7.07	40.500	Average	54	Pass
n40	5190	Ant2	5150	-50.58	7.07	51.720	Peak	68.2	Pass
n40	5190	Ant2	5150	-63.02	7.07	39.280	Average	54	Pass
n40	5230	Ant2	5350	-54	7.07	48.300	Peak	68.2	Pass
n40	5230	Ant2	5350	-62.51	7.07	39.790	Average	54	Pass
n40	5230	Ant2	5447.31	-50.98	7.07	51.320	Peak	68.2	Pass
n40	5230	Ant2	5449.74	-61.21	7.07	41.090	Average	54	Pass
n40	5230	Ant2	5460	-54.1	7.07	48.200	Peak	68.2	Pass
n40	5230	Ant2	5460	-63.02	7.07	39.280	Average	54	Pass
ac20	5180	Ant2	4500	-55.79	7.07	46.510	Peak	68.2	Pass
ac20	5180	Ant2	4500	-64.61	7.07	37.690	Average	54	Pass
ac20	5180	Ant2	5083.1	-51.33	7.07	50.970	Peak	68.2	Pass
ac20	5180	Ant2	5035.5	-61.32	7.07	40.980	Average	54	Pass
ac20	5180	Ant2	5150	-52.64	7.07	49.660	Peak	68.2	Pass
ac20	5180	Ant2	5150	-62.36	7.07	39.940	Average	54	Pass
ac20	5240	Ant2	5350	-53.92	7.07	48.380	Peak	68.2	Pass
ac20	5240	Ant2	5350	-62.45	7.07	39.850	Average	54	Pass
ac20	5240	Ant2	5446.8	-49.68	7.07	52.620	Peak	68.2	Pass
ac20	5240	Ant2	5452.08	-61.03	7.07	41.270	Average	54	Pass
ac20	5240	Ant2	5460	-54.51	7.07	47.790	Peak	68.2	Pass
ac20	5240	Ant2	5460	-62.78	7.07	39.520	Average	54	Pass
ac40	5190	Ant2	4500	-53.74	7.07	48.560	Peak	68.2	Pass
ac40	5190	Ant2	4500	-64.84	7.07	37.460	Average	54	Pass
ac40	5190	Ant2	4966.47	-51.48	7.07	50.820	Peak	68.2	Pass
ac40	5190	Ant2	4968.66	-61.27	7.07	41.030	Average	54	Pass
ac40	5190	Ant2	5150	-53.37	7.07	48.930	Peak	68.2	Pass
ac40	5190	Ant2	5150	-61.95	7.07	40.350	Average	54	Pass
ac40	5230	Ant2	5350	-53.38	7.07	48.920	Peak	68.2	Pass
ac40	5230	Ant2	5350	-62.46	7.07	39.840	Average	54	Pass
ac40	5230	Ant2	5355.78	-51.05	7.07	51.250	Peak	68.2	Pass
ac40	5230	Ant2	5451.36	-60.6	7.07	41.700	Average	54	Pass
ac40	5230	Ant2	5460	-54.47	7.07	47.830	Peak	68.2	Pass
ac40	5230	Ant2	5460	-62.09	7.07	40.210	Average	54	Pass
ac80	5210	Ant2	4500	-55.05	7.07	47.250	Peak	68.2	Pass
ac80	5210	Ant2	4500	-65.35	7.07	36.950	Average	54	Pass
ac80	5210	Ant2	4739.37	-49.9	7.07	52.400	Peak	68.2	Pass
ac80	5210	Ant2	4967.68	-61.13	7.07	41.170	Average	54	Pass
ac80	5210	Ant2	5150	-53.55	7.07	48.750	Peak	68.2	Pass
ac80	5210	Ant2	5150	-62.38	7.07	39.920	Average	54	Pass
ax20	5180	Ant2	4500	-55.27	7.07	47.030	Peak	68.2	Pass
ax20	5180	Ant2	4500	-64.21	7.07	38.090	Average	54	Pass



ax20	5180	Ant2	4880.8	-50.96	7.07	51.340	Peak	68.2	Pass
ax20	5180	Ant2	5034.1	-61.33	7.07	40.970	Average	54	Pass
ax20	5180	Ant2	5150	-53.62	7.07	48.680	Peak	68.2	Pass
ax20	5180	Ant2	5150	-62.44	7.07	39.860	Average	54	Pass
ax20	5240	Ant2	5350	-54.06	7.07	48.240	Peak	68.2	Pass
ax20	5240	Ant2	5350	-61.67	7.07	40.630	Average	54	Pass
ax20	5240	Ant2	5420.16	-50.99	7.07	51.310	Peak	68.2	Pass
ax20	5240	Ant2	5446.56	-61.02	7.07	41.280	Average	54	Pass
ax20	5240	Ant2	5460	-54.29	7.07	48.010	Peak	68.2	Pass
ax20	5240	Ant2	5460	-62.96	7.07	39.340	Average	54	Pass
ax40	5190	Ant2	4500	-54.67	7.07	47.630	Peak	68.2	Pass
ax40	5190	Ant2	4500	-64.83	7.07	37.470	Average	54	Pass
ax40	5190	Ant2	5055.53	-51.49	7.07	50.810	Peak	68.2	Pass
ax40	5190	Ant2	4557.67	-61.49	7.07	40.810	Average	54	Pass
ax40	5190	Ant2	5150	-51.81	7.07	50.490	Peak	68.2	Pass
ax40	5190	Ant2	5150	-62.53	7.07	39.770	Average	54	Pass
ax40	5230	Ant2	5350	-52.43	7.07	49.870	Peak	68.2	Pass
ax40	5230	Ant2	5350	-62.58	7.07	39.720	Average	54	Pass
ax40	5230	Ant2	5448.39	-50.94	7.07	51.360	Peak	68.2	Pass
ax40	5230	Ant2	5447.85	-60.65	7.07	41.650	Average	54	Pass
ax40	5230	Ant2	5460	-55.09	7.07	47.210	Peak	68.2	Pass
ax40	5230	Ant2	5460	-62.48	7.07	39.820	Average	54	Pass
ax80	5210	Ant2	4500	-55.17	7.07	47.130	Peak	68.2	Pass
ax80	5210	Ant2	4500	-65.8	7.07	36.500	Average	54	Pass
ax80	5210	Ant2	5062.48	-51.68	7.07	50.620	Peak	68.2	Pass
ax80	5210	Ant2	4966.89	-62.81	7.07	39.490	Average	54	Pass
ax80	5210	Ant2	5150	-53	7.07	49.300	Peak	68.2	Pass
ax80	5210	Ant2	5150	-63.87	7.07	38.430	Average	54	Pass



Sum:

Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
n20	5180	Sum	4500	-51.235	9.260	53.255	Peak	68.2	Pass
n20	5180	Sum	4500	-62.125	9.260	42.365	Average	54	Pass
n20	5180	Sum	5062.8	-48.082	9.260	56.408	Peak	68.2	Pass
n20	5180	Sum	4962.7	-58.485	9.260	46.005	Average	54	Pass
n20	5180	Sum	5150	-50.895	9.260	53.595	Peak	68.2	Pass
n20	5180	Sum	5150	-59.424	9.260	45.066	Average	54	Pass
n20	5240	Sum	5350	-51.165	9.260	53.325	Peak	68.2	Pass
n20	5240	Sum	5350	-59.911	9.260	44.579	Average	54	Pass
n20	5240	Sum	5402.4	-47.261	9.260	57.229	Peak	68.2	Pass
n20	5240	Sum	5446.8	-57.990	9.260	46.500	Average	54	Pass
n20	5240	Sum	5460	-51.612	9.260	52.878	Peak	68.2	Pass
n20	5240	Sum	5460	-59.860	9.260	44.630	Average	54	Pass
n40	5190	Sum	4500	-51.957	9.260	52.533	Peak	68.2	Pass
n40	5190	Sum	4500	-61.644	9.260	42.846	Average	54	Pass
n40	5190	Sum	5076.7	-48.075	9.260	56.415	Peak	68.2	Pass
n40	5190	Sum	4966.47	-58.744	9.260	45.746	Average	54	Pass
n40	5190	Sum	5150	-49.090	9.260	55.400	Peak	68.2	Pass
n40	5190	Sum	5150	-59.883	9.260	44.607	Average	54	Pass
n40	5230	Sum	5350	-49.556	9.260	54.934	Peak	68.2	Pass
n40	5230	Sum	5350	-59.485	9.260	45.005	Average	54	Pass
n40	5230	Sum	5386.83	-48.039	9.260	56.451	Peak	68.2	Pass
n40	5230	Sum	5447.58	-58.244	9.260	46.246	Average	54	Pass
n40	5230	Sum	5460	-51.712	9.260	52.778	Peak	68.2	Pass
n40	5230	Sum	5460	-59.763	9.260	44.727	Average	54	Pass
ac20	5180	Sum	4500	-52.554	9.260	51.936	Peak	68.2	Pass
ac20	5180	Sum	4500	-61.600	9.260	42.890	Average	54	Pass
ac20	5180	Sum	5106.9	-48.244	9.260	56.246	Peak	68.2	Pass
ac20	5180	Sum	5040.4	-58.234	9.260	46.256	Average	54	Pass
ac20	5180	Sum	5150	-49.835	9.260	54.655	Peak	68.2	Pass
ac20	5180	Sum	5150	-59.574	9.260	44.916	Average	54	Pass
ac20	5240	Sum	5350	-51.195	9.260	53.295	Peak	68.2	Pass
ac20	5240	Sum	5350	-59.225	9.260	45.265	Average	54	Pass
ac20	5240	Sum	5452.56	-46.841	9.260	57.649	Peak	68.2	Pass
ac20	5240	Sum	5449.44	-57.919	9.260	46.571	Average	54	Pass
ac20	5240	Sum	5460	-50.501	9.260	53.989	Peak	68.2	Pass
ac20	5240	Sum	5460	-59.346	9.260	45.144	Average	54	Pass
ac40	5190	Sum	4500	-51.188	9.260	53.302	Peak	68.2	Pass
ac40	5190	Sum	4500	-61.845	9.260	42.645	Average	54	Pass
ac40	5190	Sum	5056.26	-48.312	9.260	56.178	Peak	68.2	Pass
ac40	5190	Sum	4967.2	-58.309	9.260	46.181	Average	54	Pass

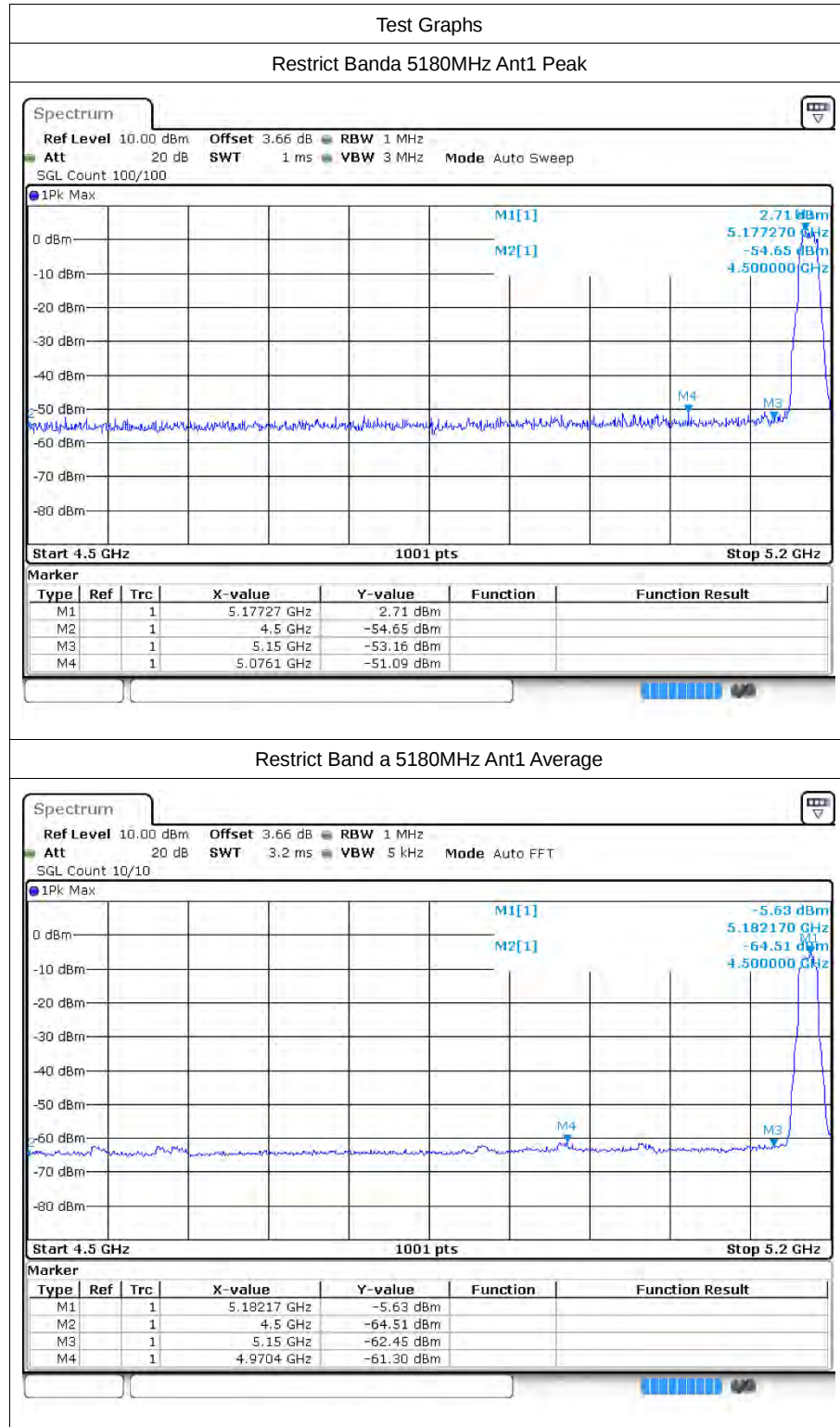


ac40	5190	Sum	5150	-51.127	9.260	53.363	Peak	68.2	Pass
ac40	5190	Sum	5150	-59.234	9.260	45.256	Average	54	Pass
ac40	5230	Sum	5350	-51.402	9.260	53.088	Peak	68.2	Pass
ac40	5230	Sum	5350	-59.435	9.260	45.055	Average	54	Pass
ac40	5230	Sum	5447.31	-47.659	9.260	56.831	Peak	68.2	Pass
ac40	5230	Sum	5447.31	-57.693	9.260	46.797	Average	54	Pass
ac40	5230	Sum	5460	-51.025	9.260	53.465	Peak	68.2	Pass
ac40	5230	Sum	5460	-59.256	9.260	45.234	Average	54	Pass
ac80	5210	Sum	4500	-52.278	9.260	52.212	Peak	68.2	Pass
ac80	5210	Sum	4500	-61.965	9.260	42.525	Average	54	Pass
ac80	5210	Sum	5032.46	-47.550	9.260	56.940	Peak	68.2	Pass
ac80	5210	Sum	4967.68	-58.029	9.260	46.461	Average	54	Pass
ac80	5210	Sum	5150	-50.203	9.260	54.287	Peak	68.2	Pass
ac80	5210	Sum	5150	-59.375	9.260	45.115	Average	54	Pass
ax20	5180	Sum	4500	-52.184	9.260	52.306	Peak	68.2	Pass
ax20	5180	Sum	4500	-61.357	9.260	43.133	Average	54	Pass
ax20	5180	Sum	5130	-47.955	9.260	56.535	Peak	68.2	Pass
ax20	5180	Sum	4966.9	-58.379	9.260	46.111	Average	54	Pass
ax20	5180	Sum	5150	-50.294	9.260	54.196	Peak	68.2	Pass
ax20	5180	Sum	5150	-59.450	9.260	45.040	Average	54	Pass
ax20	5240	Sum	5350	-49.917	9.260	54.573	Peak	68.2	Pass
ax20	5240	Sum	5350	-59.059	9.260	45.431	Average	54	Pass
ax20	5240	Sum	5367.84	-47.919	9.260	56.571	Peak	68.2	Pass
ax20	5240	Sum	5448	-57.753	9.260	46.737	Average	54	Pass
ax20	5240	Sum	5460	-50.943	9.260	53.547	Peak	68.2	Pass
ax20	5240	Sum	5460	-59.818	9.260	44.672	Average	54	Pass
ax40	5190	Sum	4500	-51.931	9.260	52.559	Peak	68.2	Pass
ax40	5190	Sum	4500	-61.662	9.260	42.828	Average	54	Pass
ax40	5190	Sum	5148.24	-48.368	9.260	56.122	Peak	68.2	Pass
ax40	5190	Sum	4965.74	-58.327	9.260	46.163	Average	54	Pass
ax40	5190	Sum	5150	-48.409	9.260	56.081	Peak	68.2	Pass
ax40	5190	Sum	5150	-59.682	9.260	44.808	Average	54	Pass
ax40	5230	Sum	5350	-50.243	9.260	54.247	Peak	68.2	Pass
ax40	5230	Sum	5350	-59.540	9.260	44.950	Average	54	Pass
ax40	5230	Sum	5450.01	-47.517	9.260	56.973	Peak	68.2	Pass
ax40	5230	Sum	5449.74	-57.929	9.260	46.561	Average	54	Pass
ax40	5230	Sum	5460	-51.404	9.260	53.086	Peak	68.2	Pass
ax40	5230	Sum	5460	-59.514	9.260	44.976	Average	54	Pass
ax80	5210	Sum	4500	-51.897	9.260	52.593	Peak	68.2	Pass
ax80	5210	Sum	4500	-62.338	9.260	42.152	Average	54	Pass
ax80	5210	Sum	4970.05	-48.584	9.260	55.906	Peak	68.2	Pass
ax80	5210	Sum	4966.1	-59.032	9.260	45.458	Average	54	Pass
ax80	5210	Sum	5150	-50.430	9.260	54.060	Peak	68.2	Pass

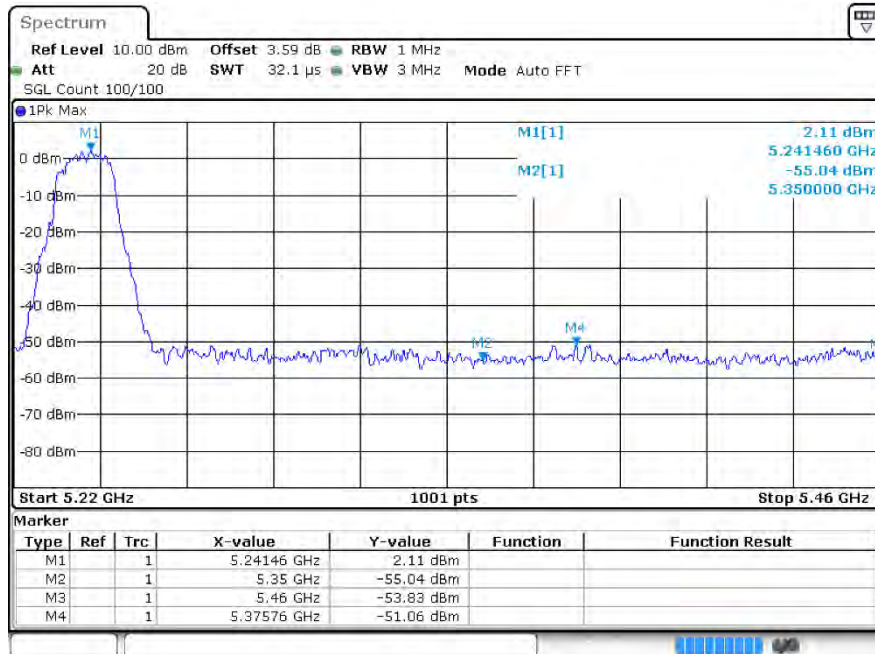


ax80	5210	Sum	5150	-60.275	9.260	44.215	Average	54	Pass
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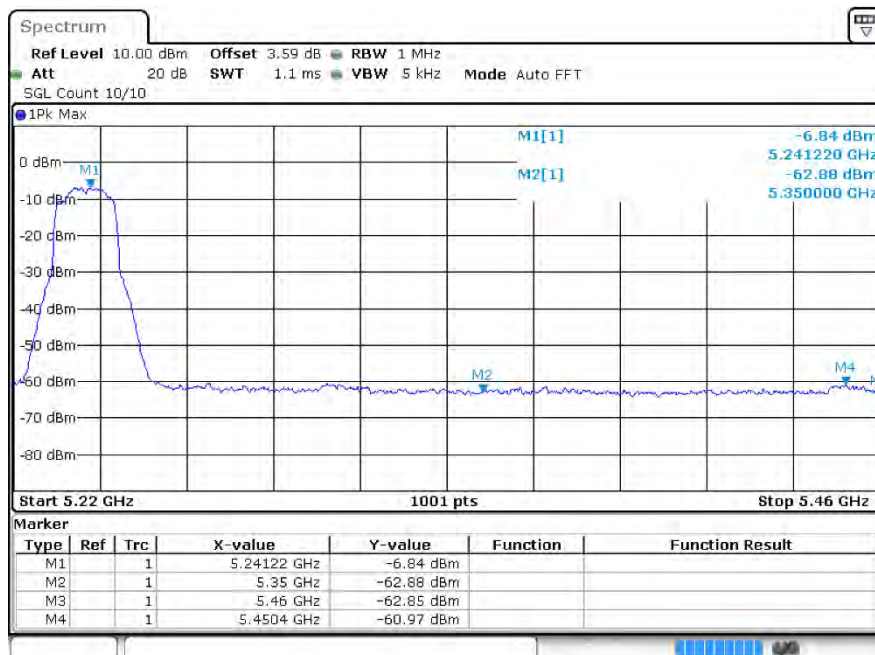
8.2 Test Graphs



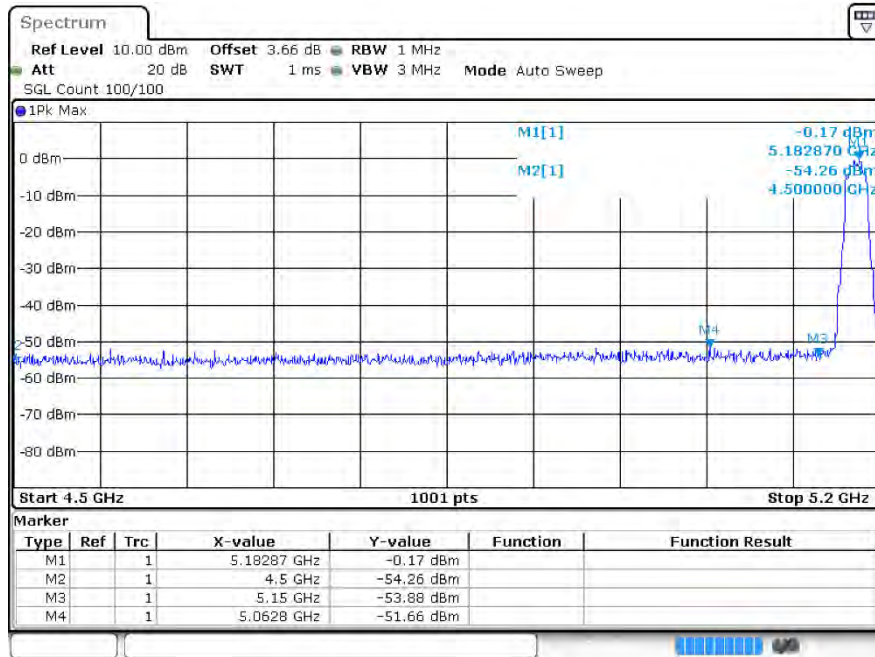
Restrict Banda 5240MHz Ant1 Peak



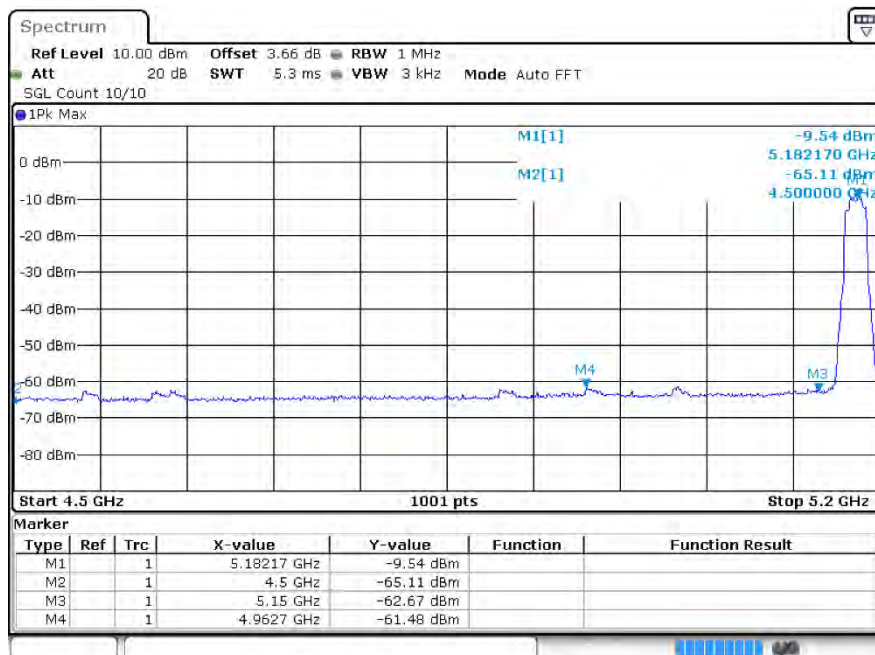
Restrict Band a 5240MHz Ant1 Average



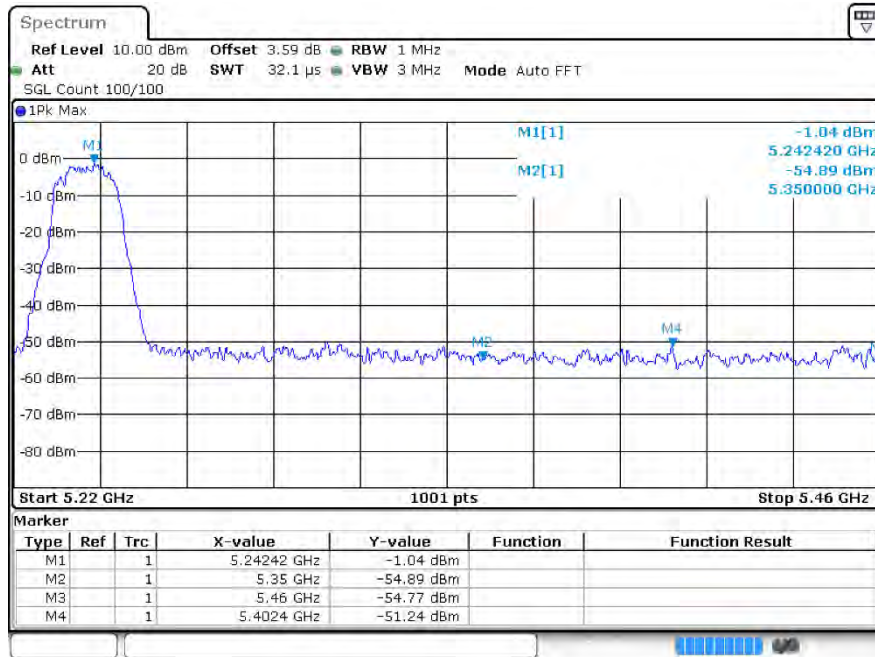
Restrict Bandn20 5180MHz Ant1 Peak



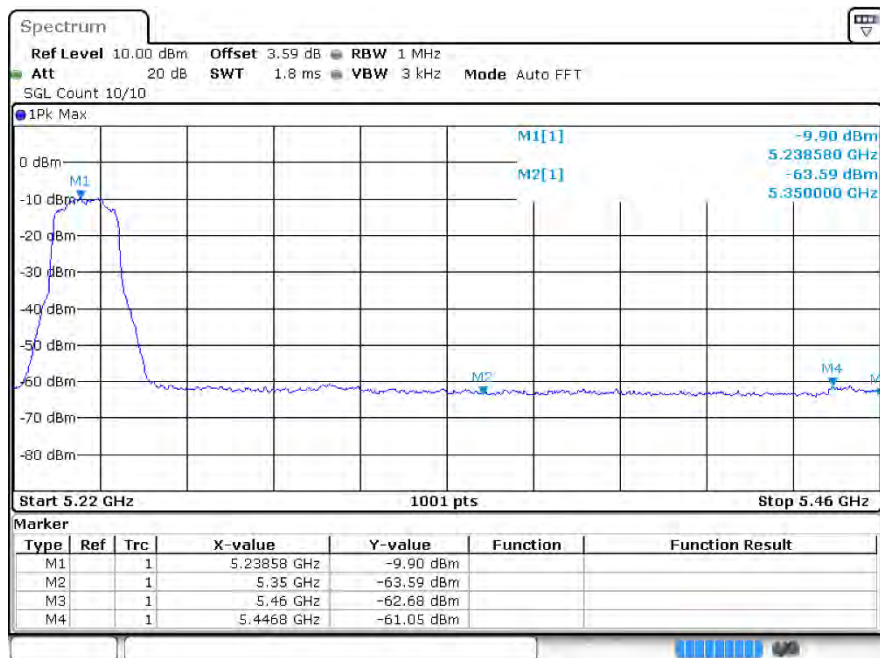
Restrict Band n20 5180MHz Ant1 Average



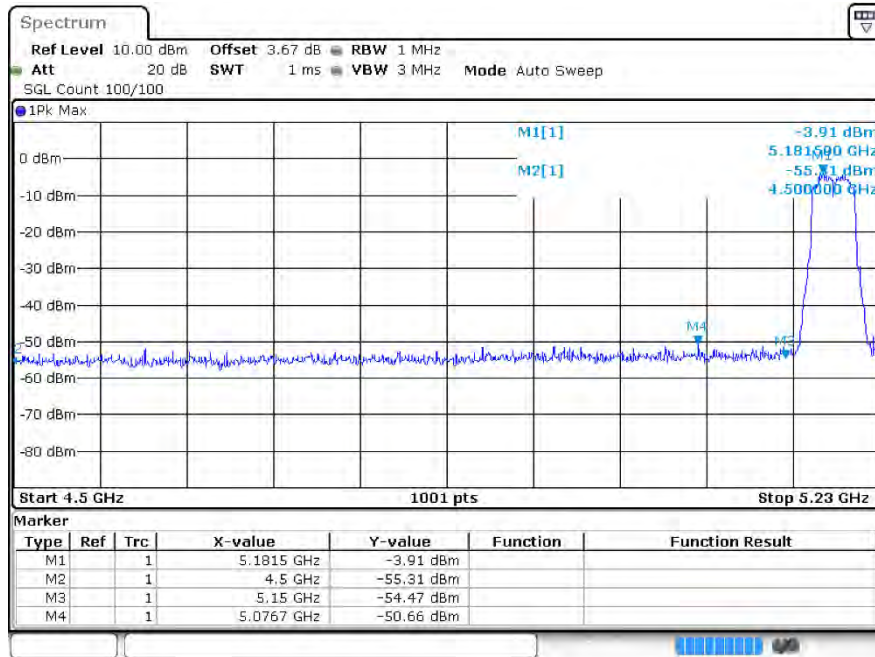
Restrict Bandn20 5240MHz Ant1 Peak



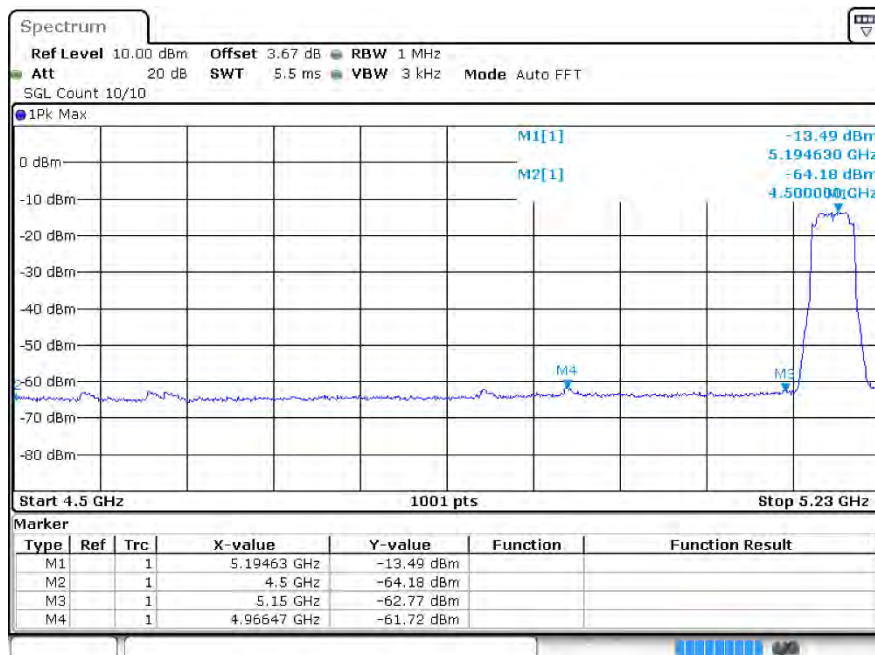
Restrict Band n20 5240MHz Ant1 Average



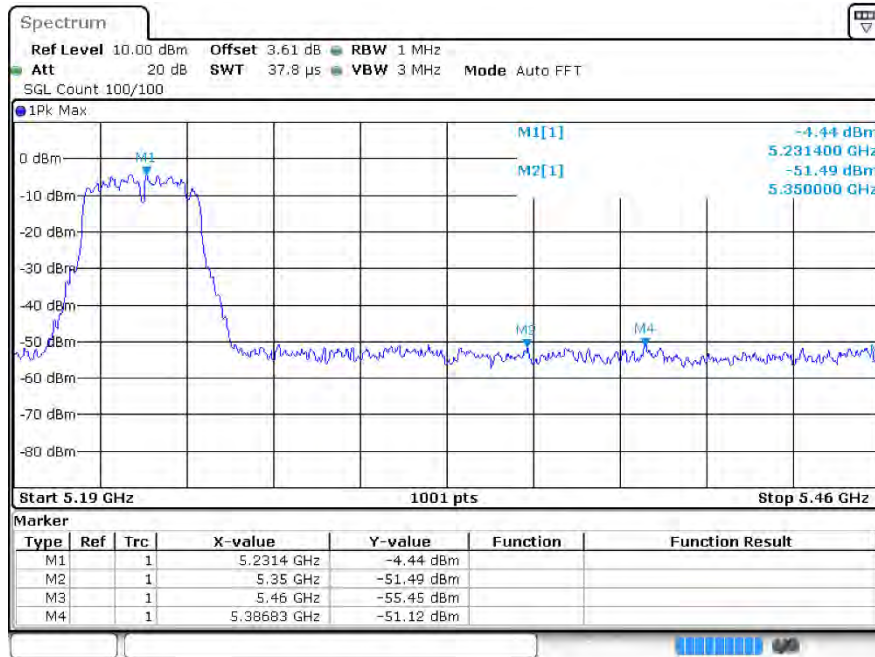
Restrict Bandn40 5190MHz Ant1 Peak



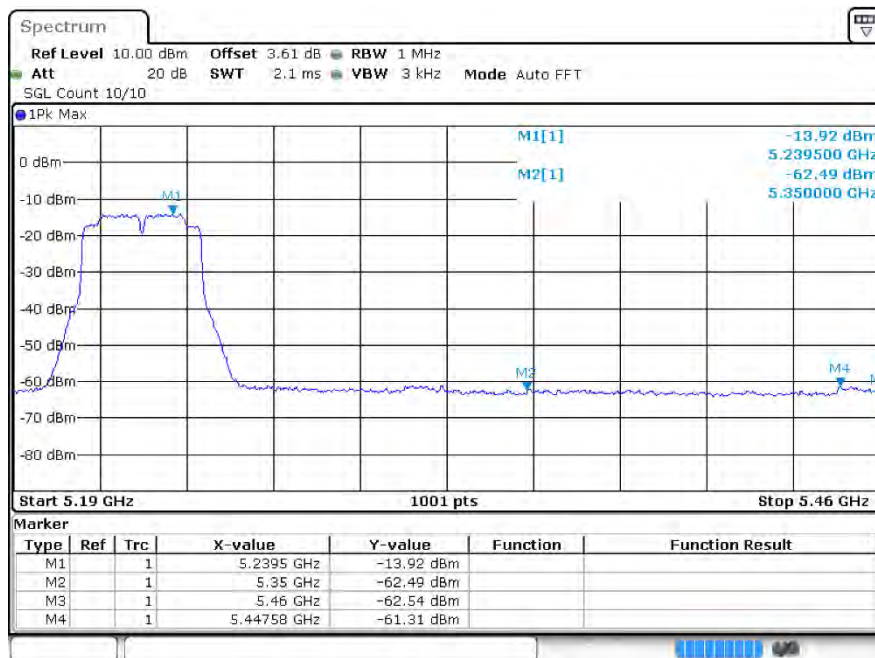
Restrict Band n40 5190MHz Ant1 Average



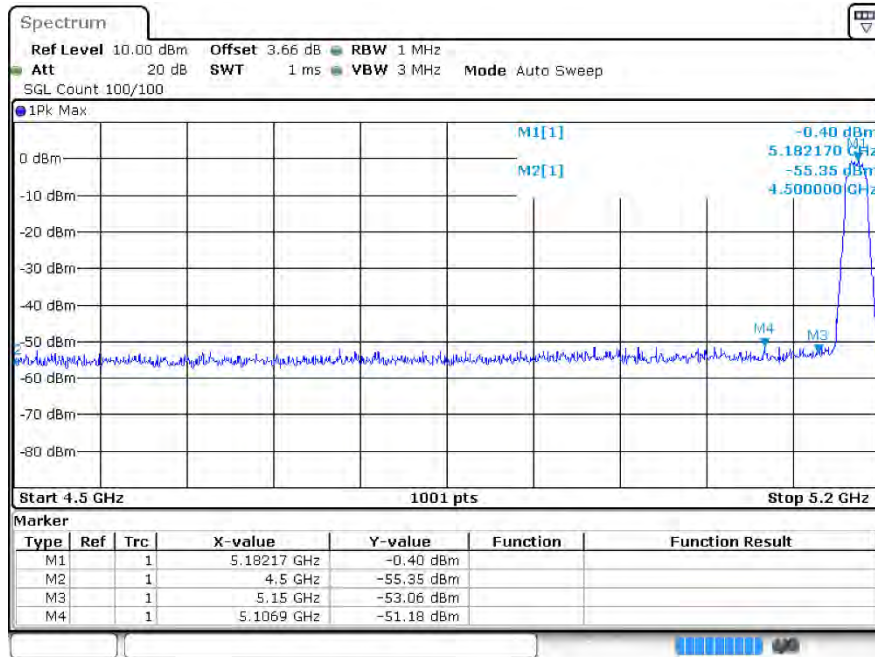
Restrict Bandn40 5230MHz Ant1 Peak



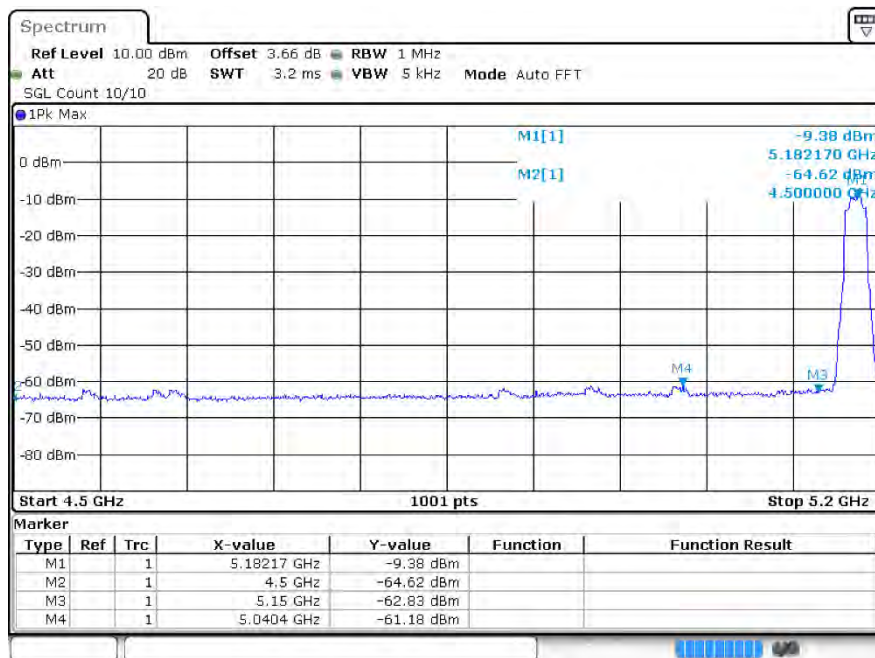
Restrict Band n40 5230MHz Ant1 Average



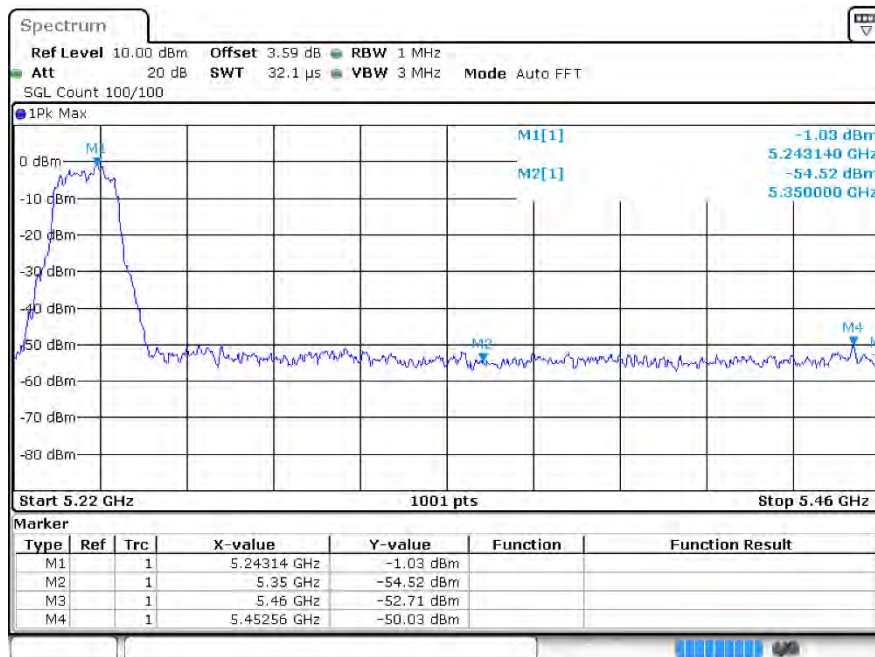
Restrict Bandac20 5180MHz Ant1 Peak



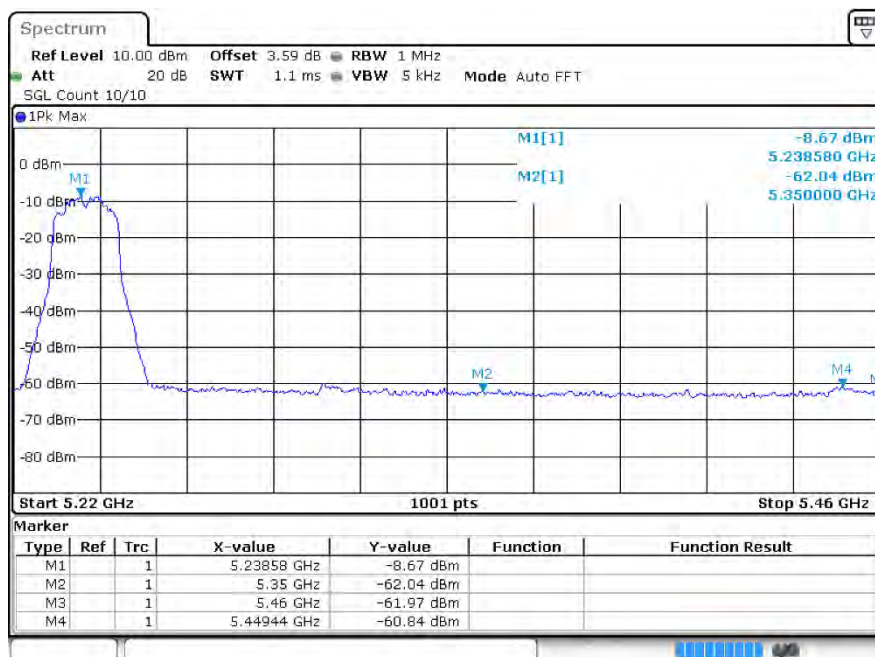
Restrict Band ac20 5180MHz Ant1 Average



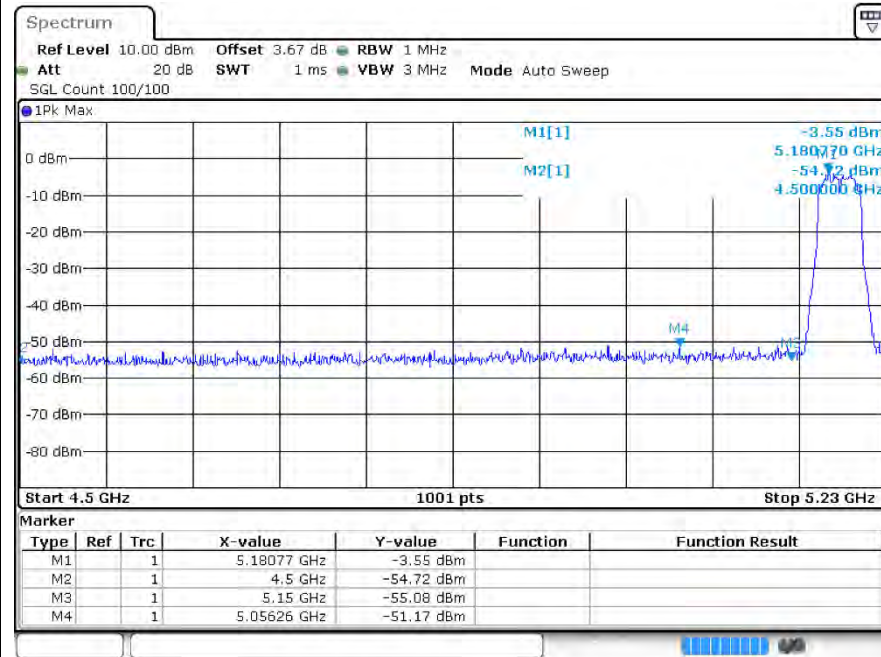
Restrict Bandac20 5240MHz Ant1 Peak



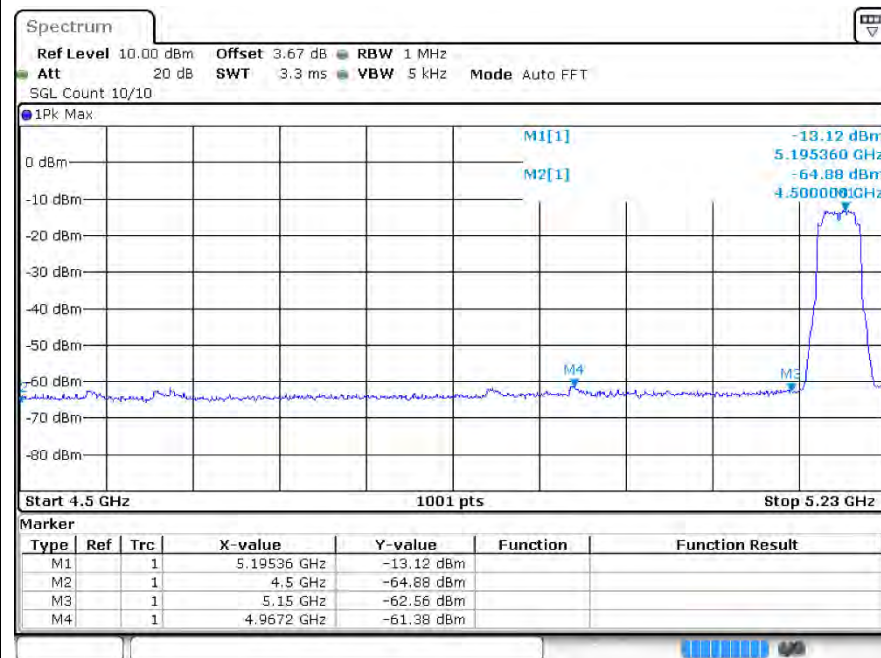
Restrict Band ac20 5240MHz Ant1 Average



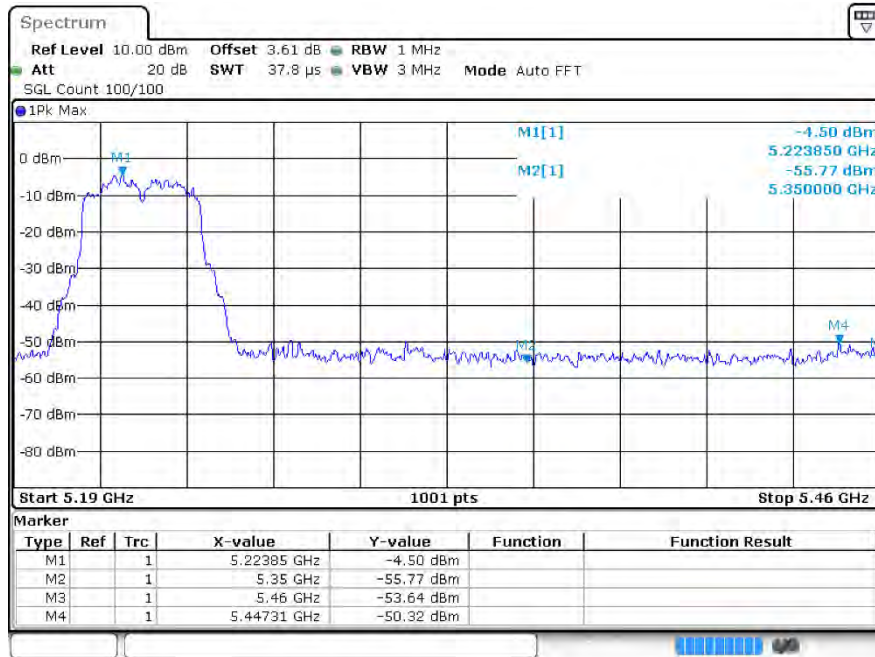
Restrict Bandac40 5190MHz Ant1 Peak



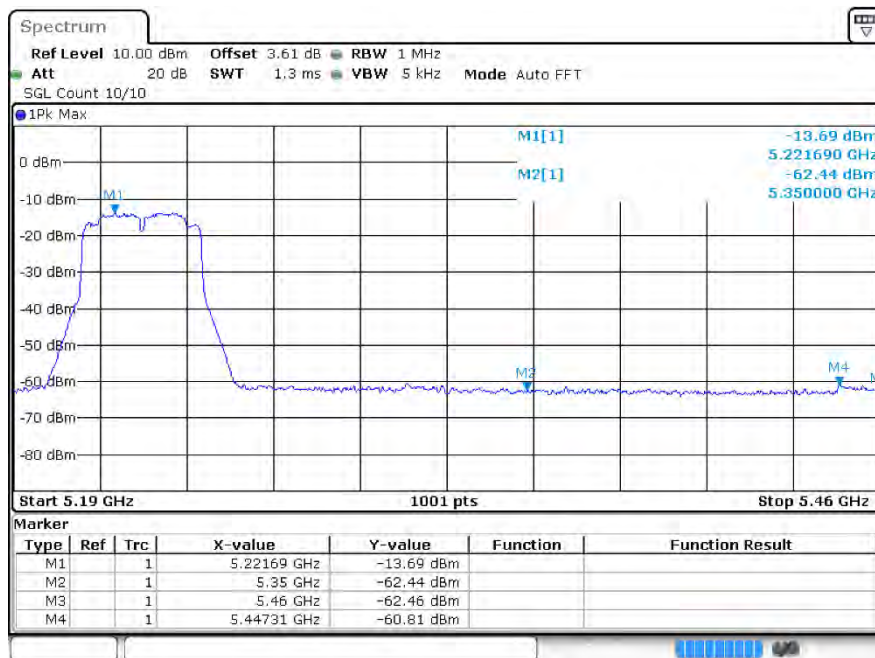
Restrict Band ac40 5190MHz Ant1 Average



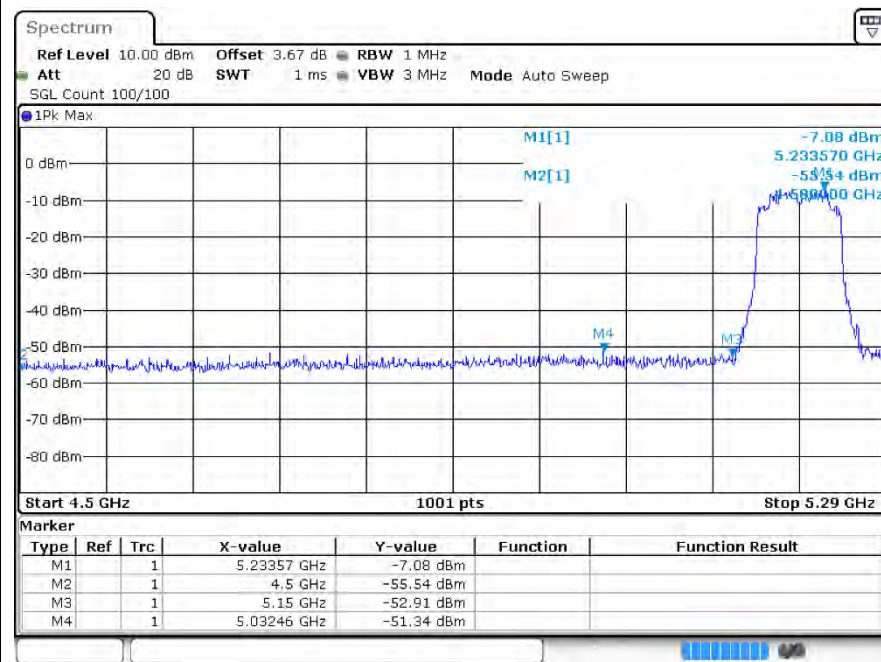
Restrict Bandac40 5230MHz Ant1 Peak



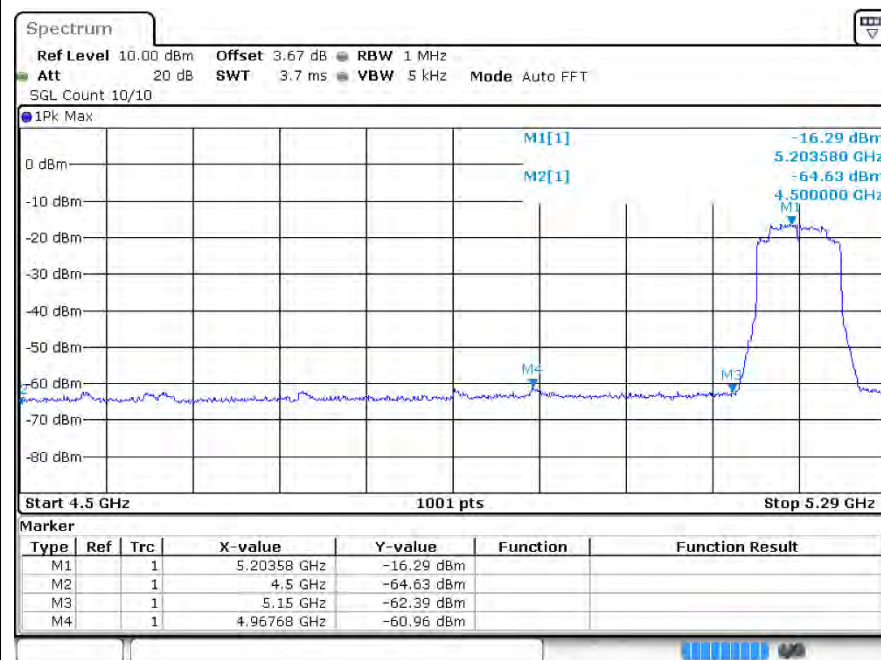
Restrict Band ac40 5230MHz Ant1 Average



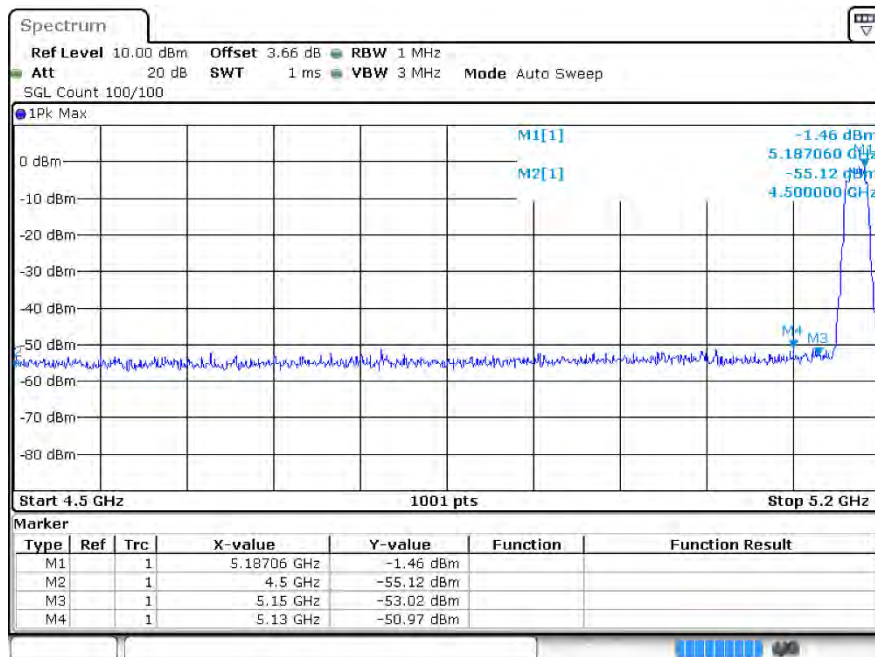
Restrict Bandac80 5210MHz Ant1 Peak



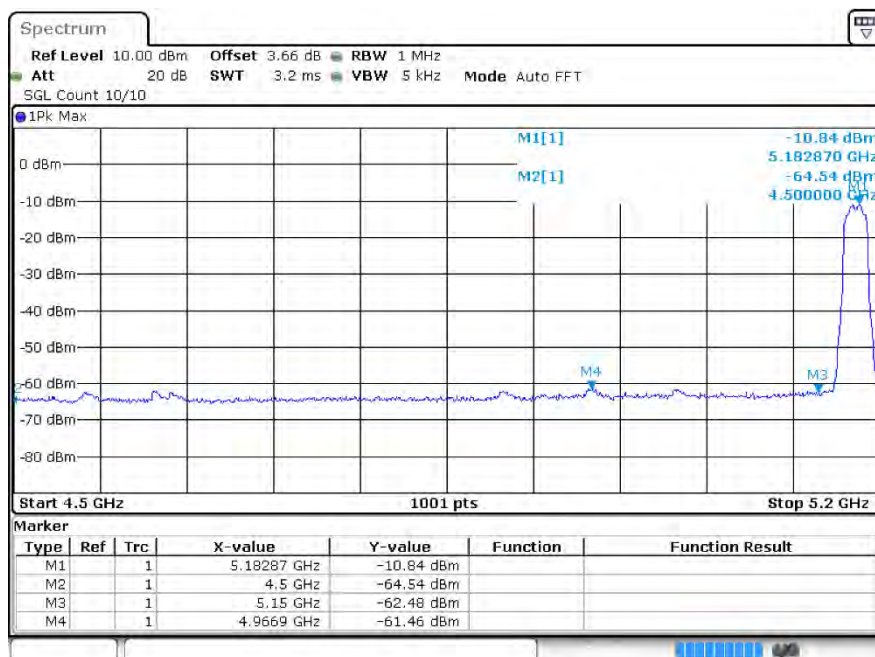
Restrict Band ac80 5210MHz Ant1 Average



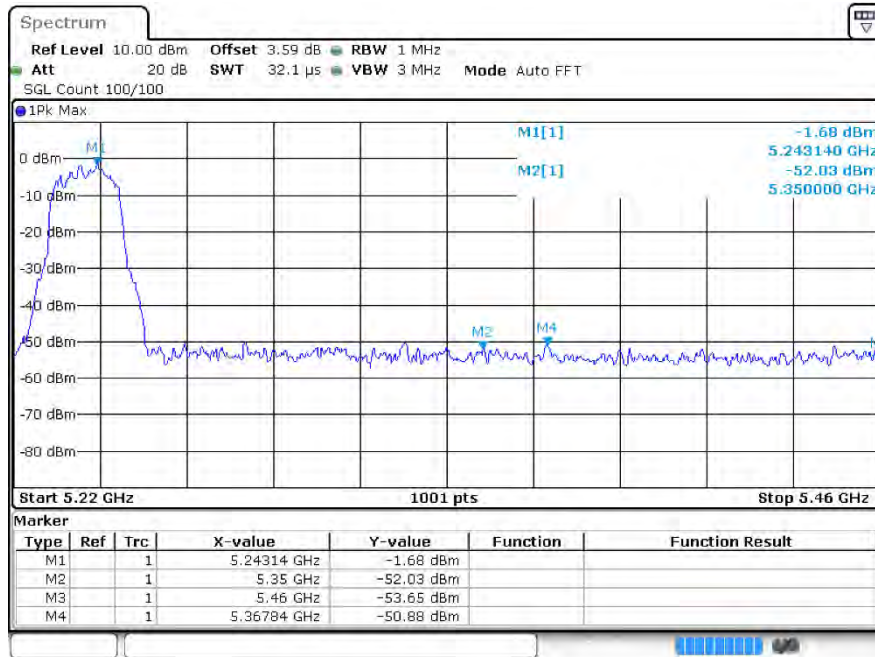
Restrict Bandax20 5180MHz Ant1 Peak



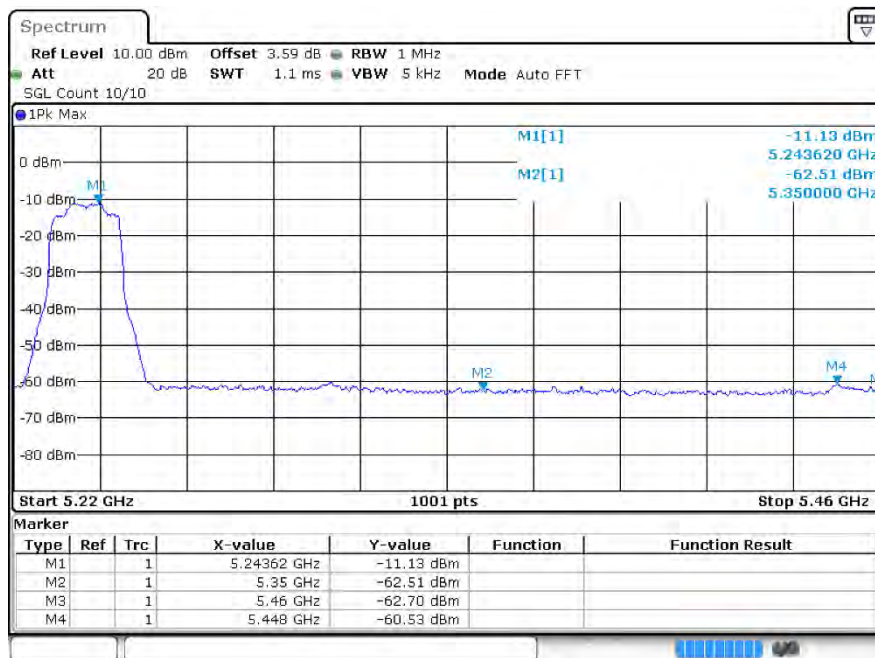
Restrict Band ax20 5180MHz Ant1 Average



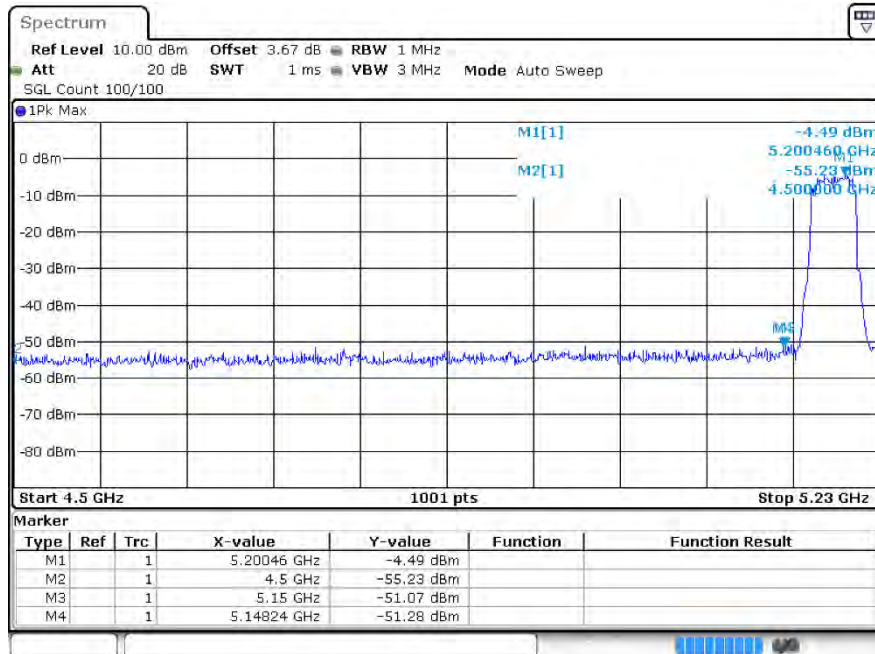
Restrict Bandax20 5240MHz Ant1 Peak



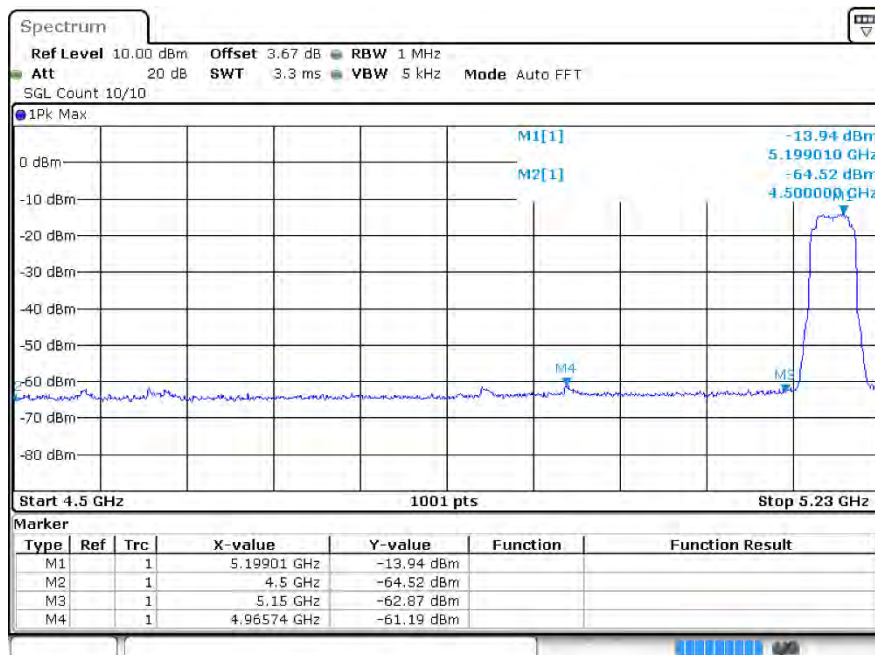
Restrict Band ax20 5240MHz Ant1 Average



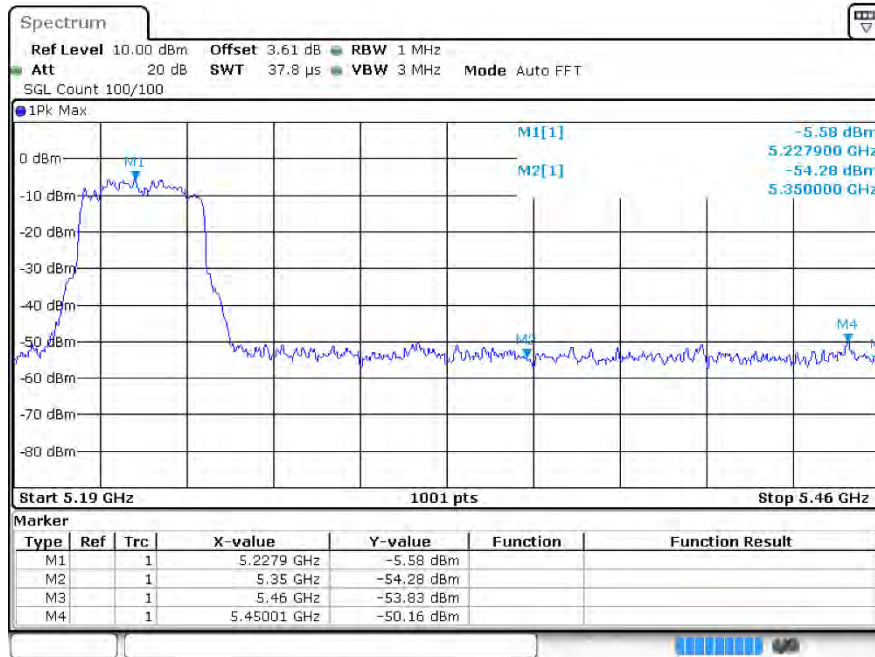
Restrict Bandax40 5190MHz Ant1 Peak



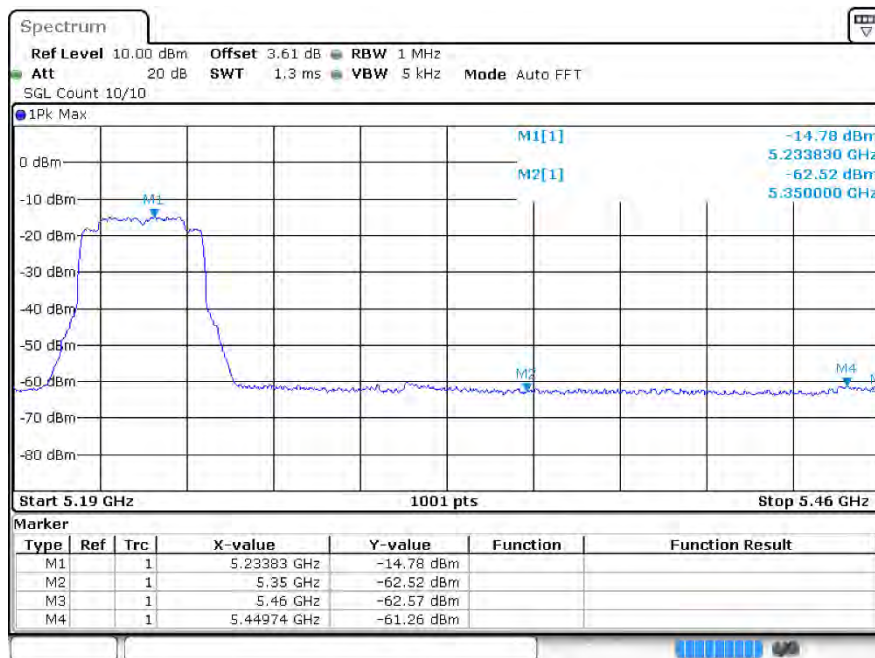
Restrict Band ax40 5190MHz Ant1 Average



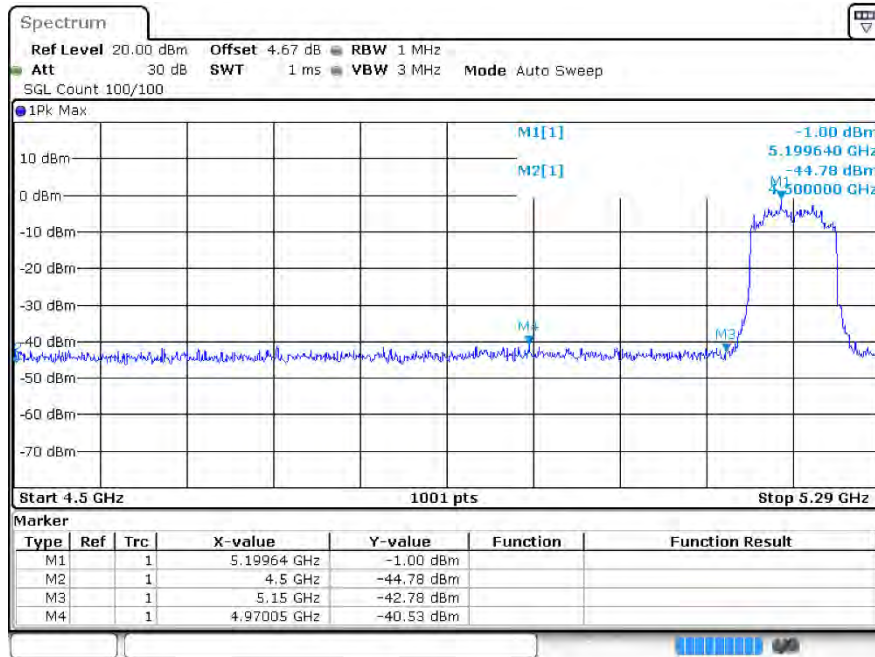
Restrict Bandax40 5230MHz Ant1 Peak



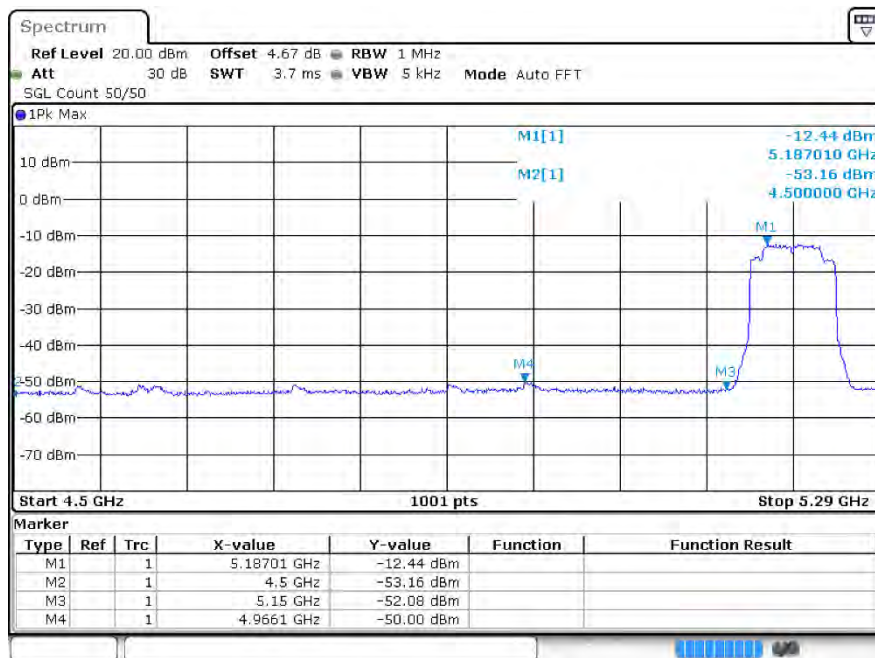
Restrict Band ax40 5230MHz Ant1 Average

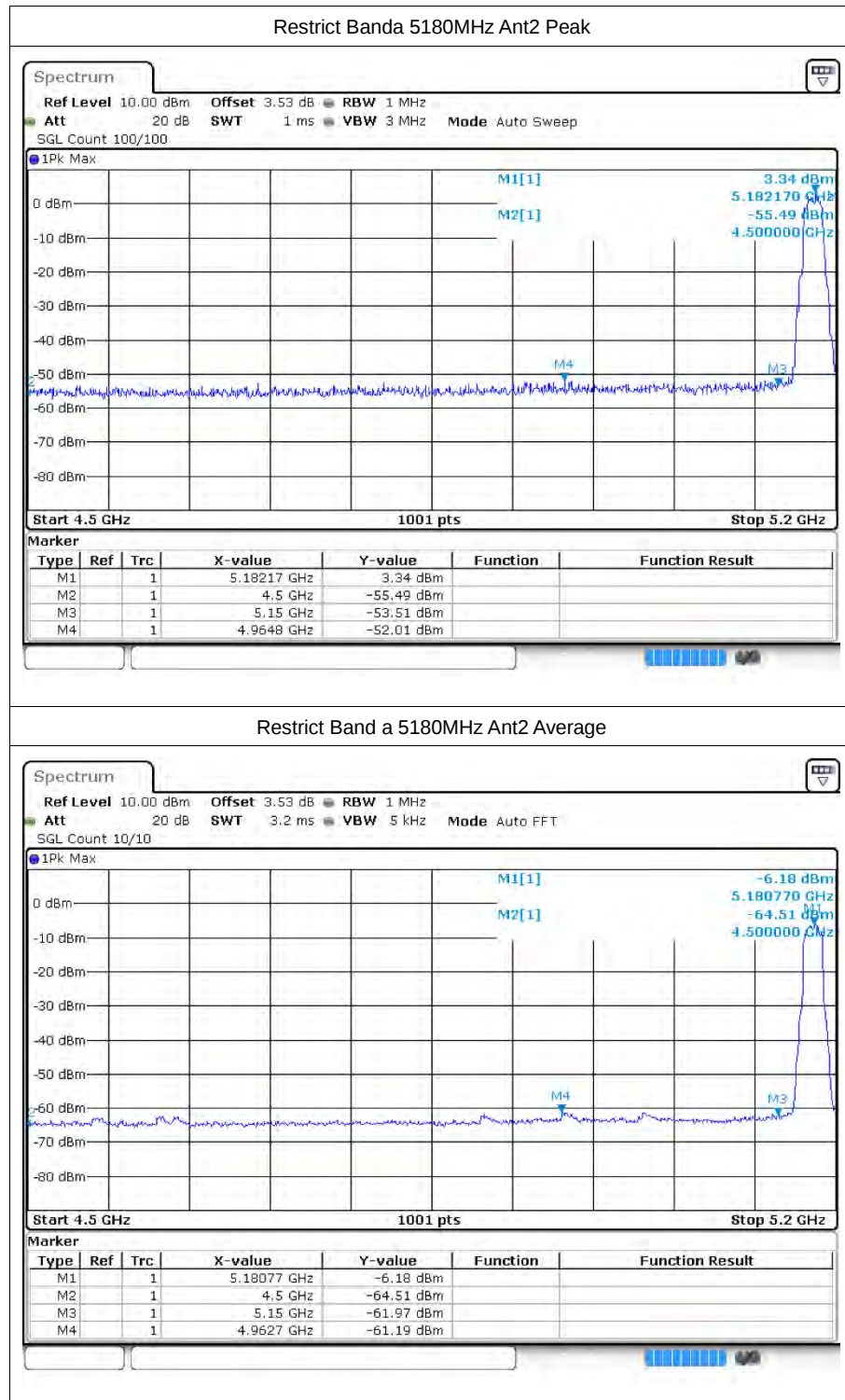


Restrict Bandx80 5210MHz Ant1 Peak

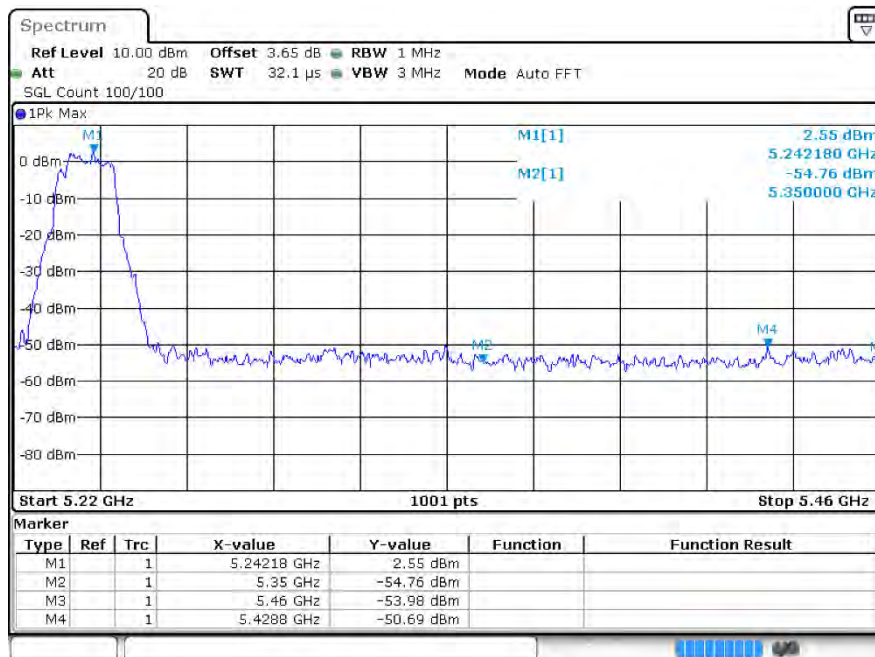


Restrict Band ax80 5210MHz Ant1 Average

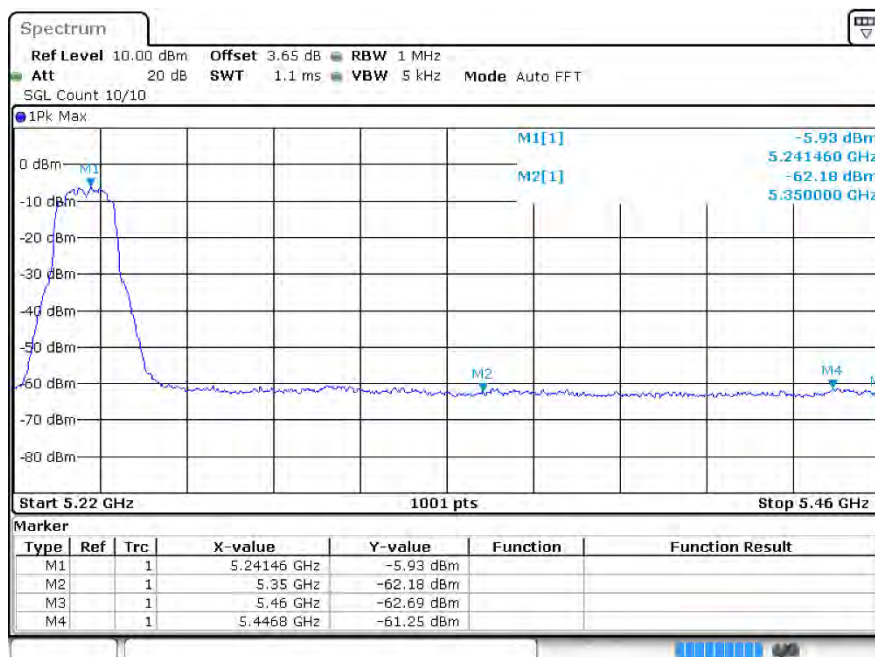




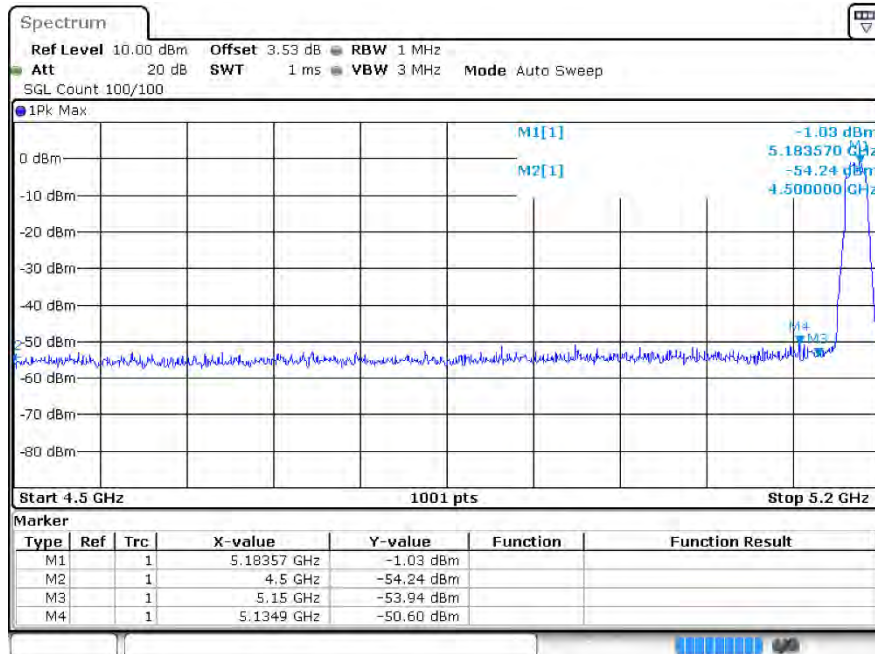
Restrict Banda 5240MHz Ant2 Peak



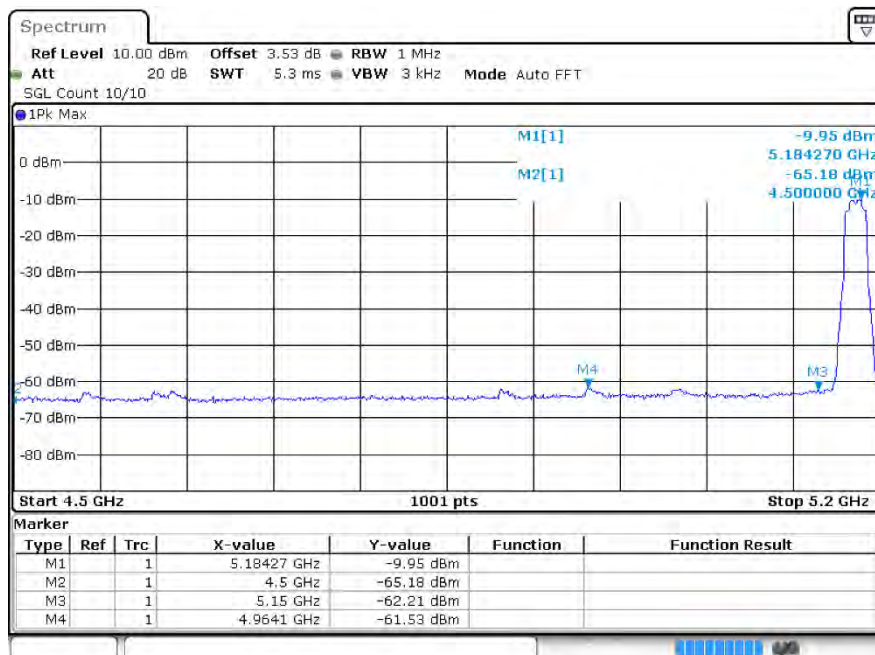
Restrict Band a 5240MHz Ant2 Average



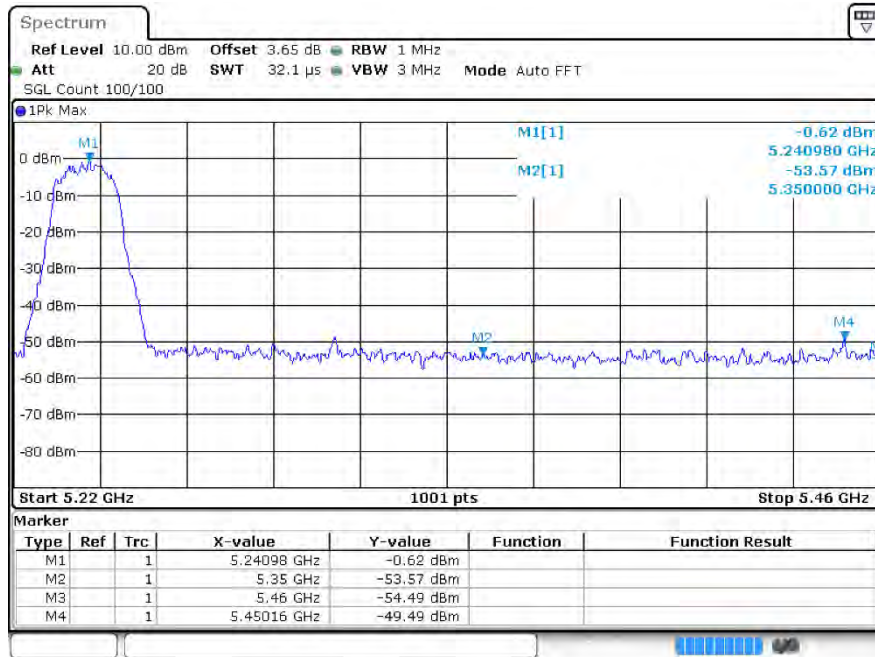
Restrict Bandn20 5180MHz Ant2 Peak



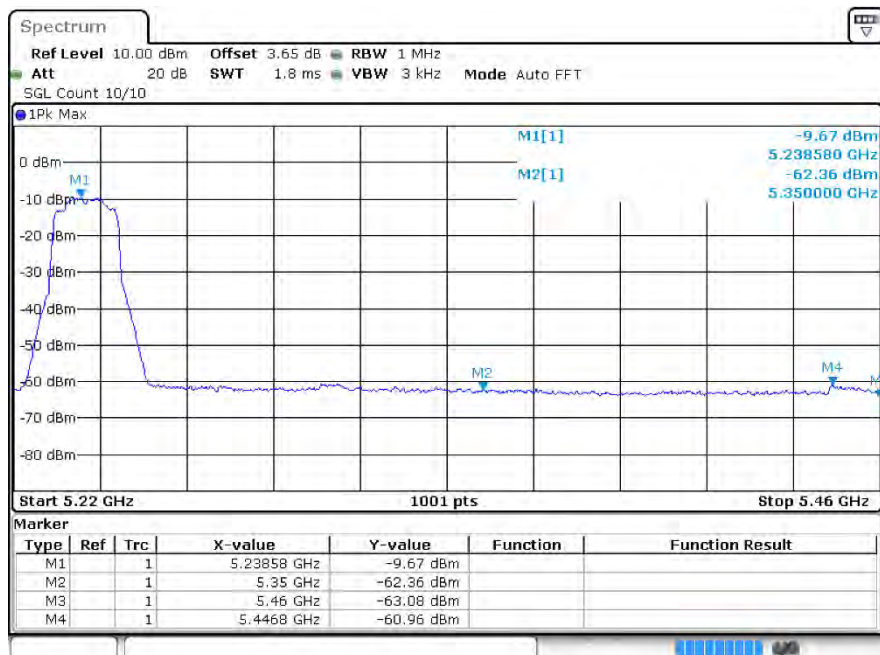
Restrict Band n20 5180MHz Ant2 Average



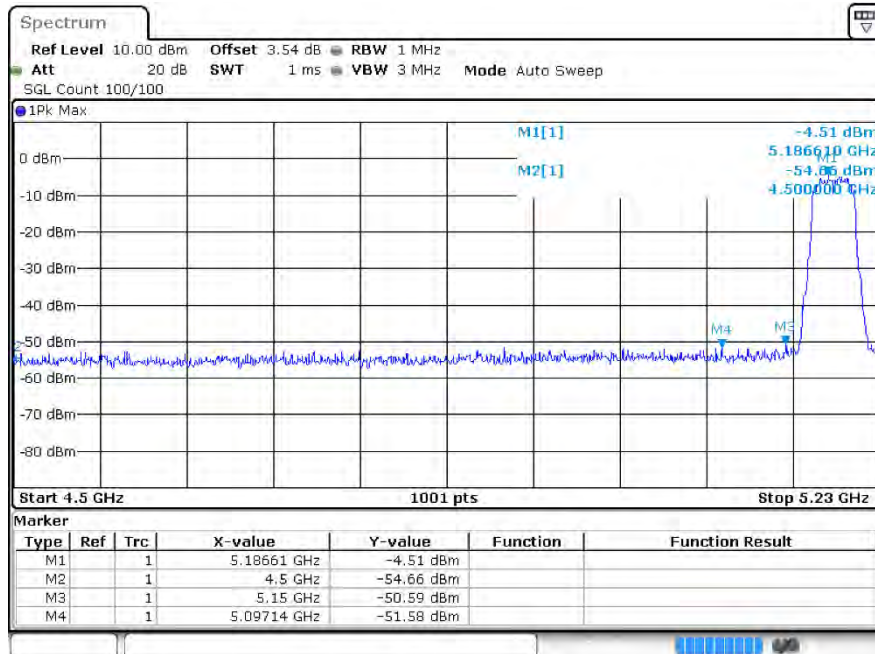
Restrict Bandn20 5240MHz Ant2 Peak



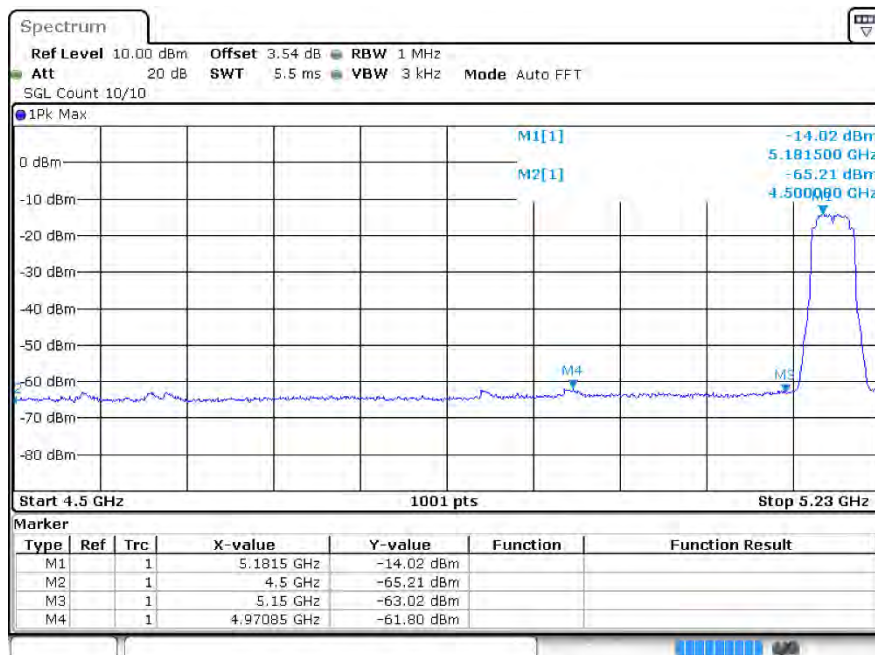
Restrict Band n20 5240MHz Ant2 Average



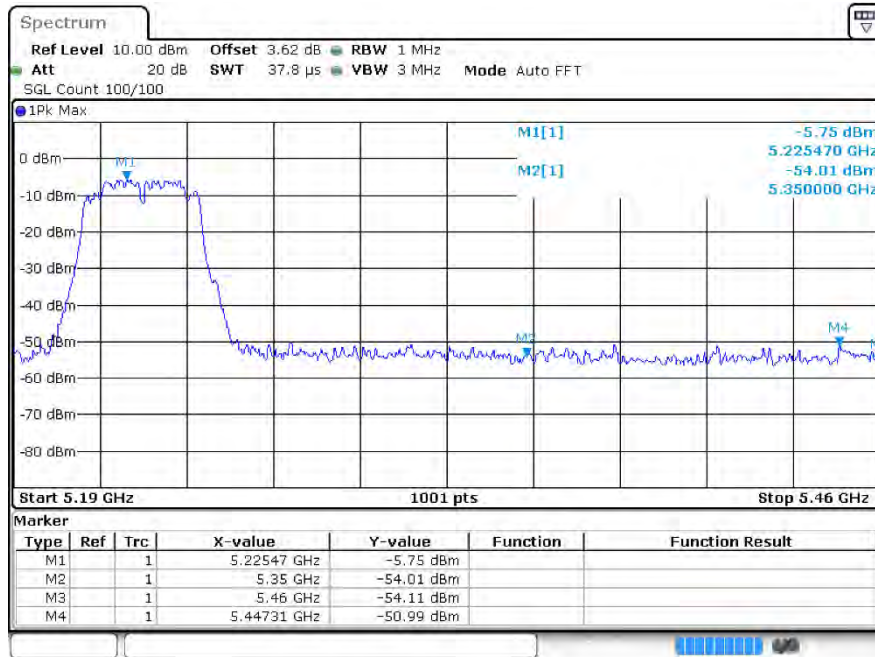
Restrict Bandn40 5190MHz Ant2 Peak



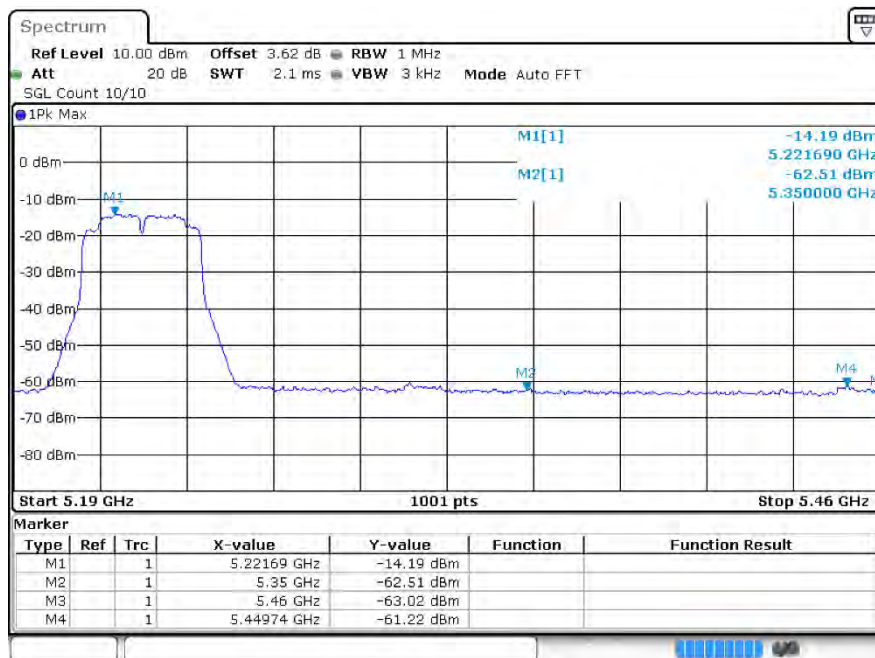
Restrict Band n40 5190MHz Ant2 Average



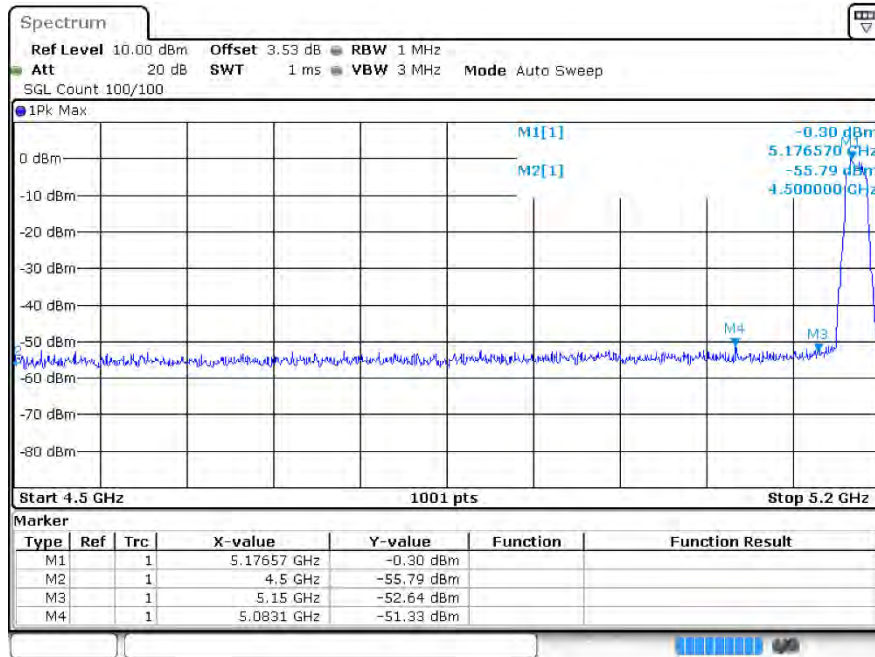
Restrict Bandn40 5230MHz Ant2 Peak



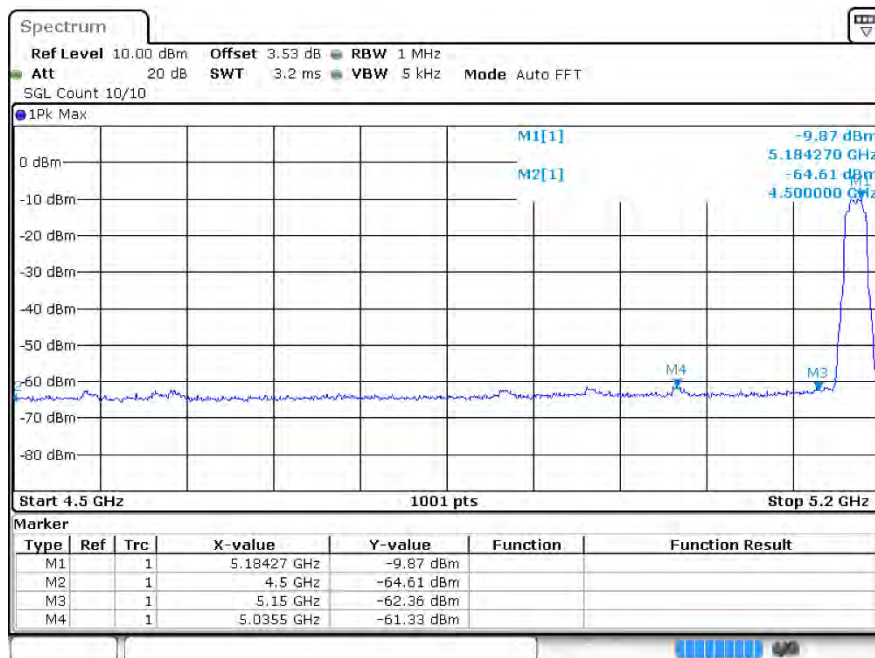
Restrict Band n40 5230MHz Ant2 Average



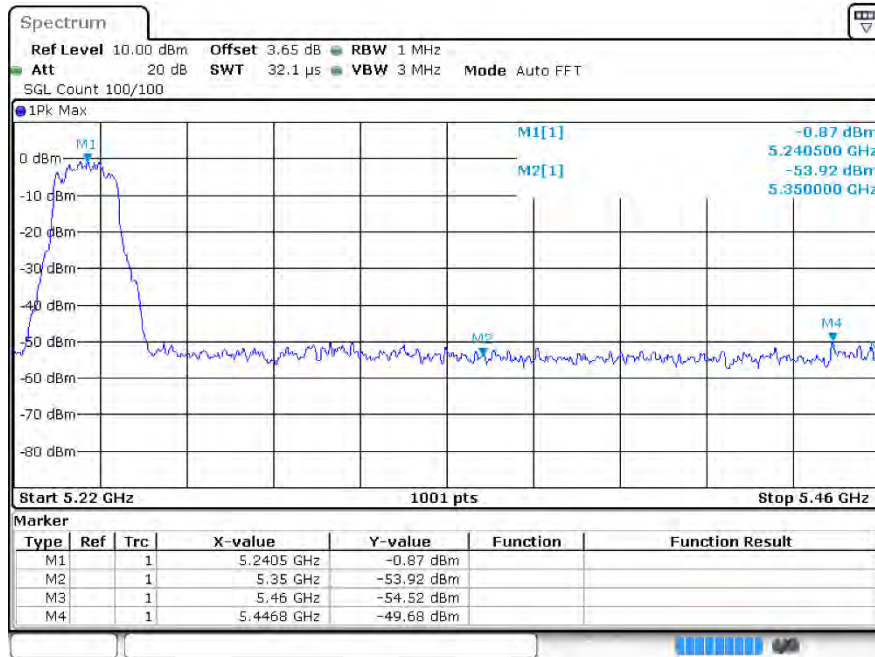
Restrict Bandac20 5180MHz Ant2 Peak



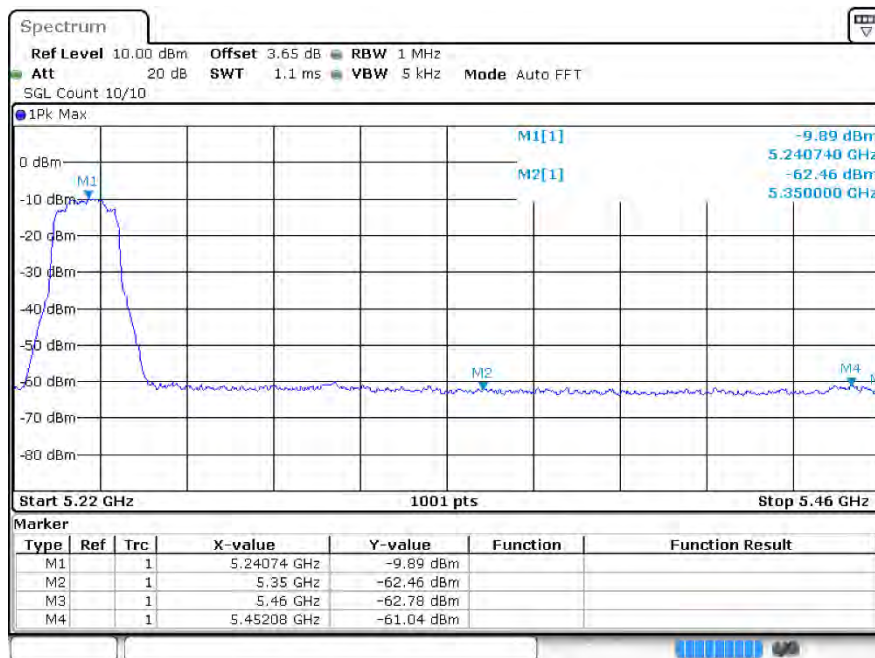
Restrict Band ac20 5180MHz Ant2 Average



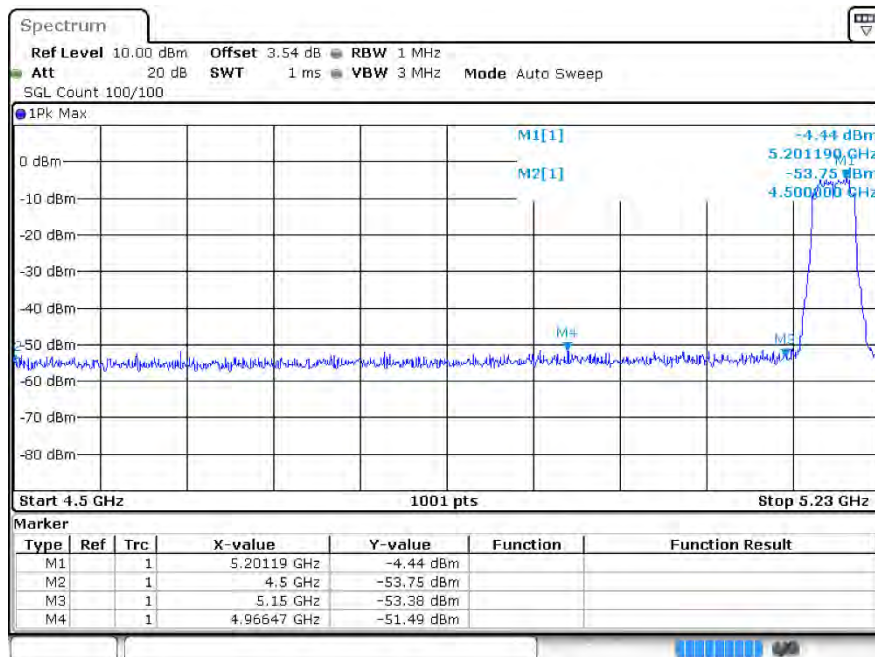
Restrict Bandac20 5240MHz Ant2 Peak



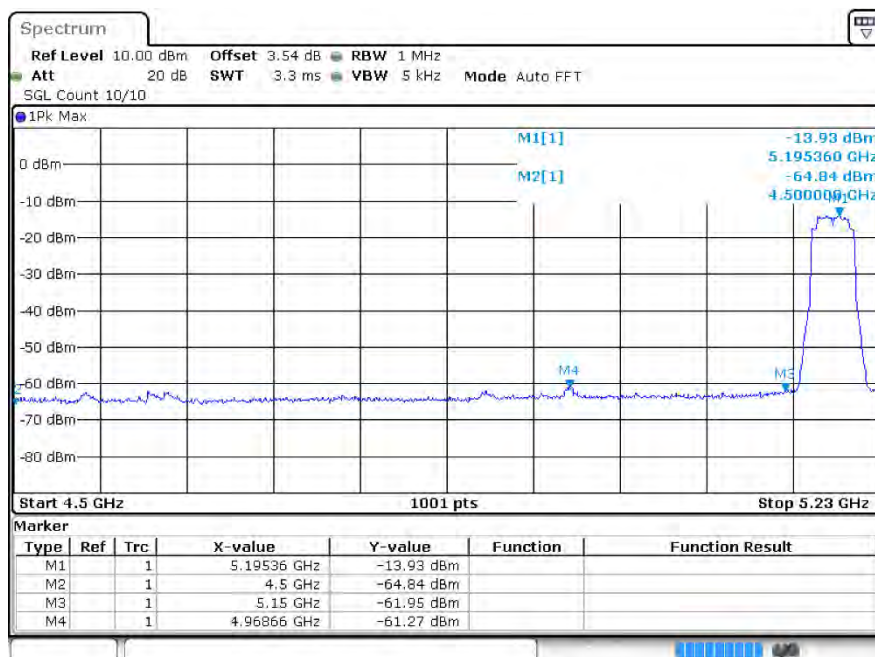
Restrict Band ac20 5240MHz Ant2 Average



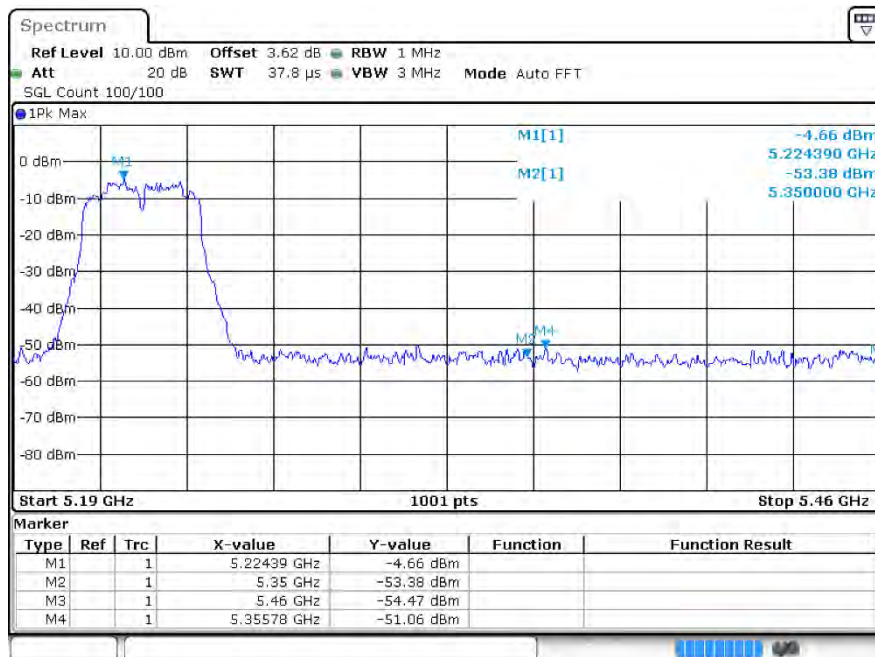
Restrict Bandac40 5190MHz Ant2 Peak



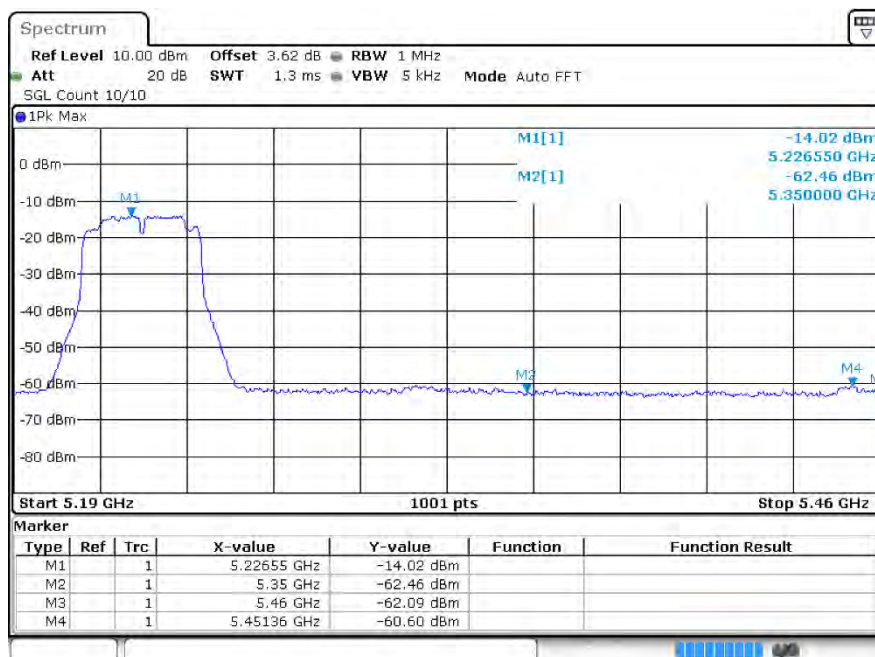
Restrict Band ac40 5190MHz Ant2 Average



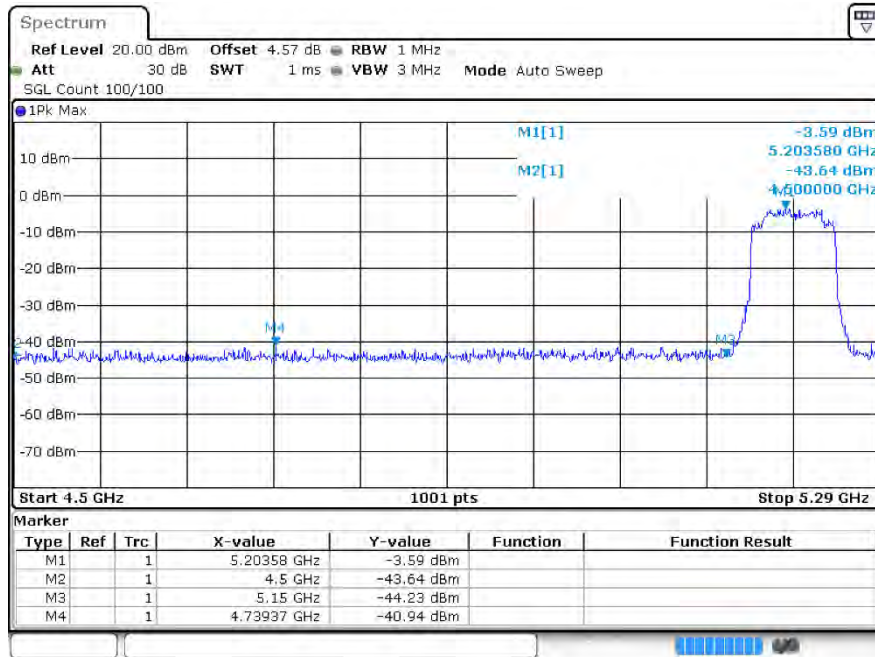
Restrict Bandac40 5230MHz Ant2 Peak



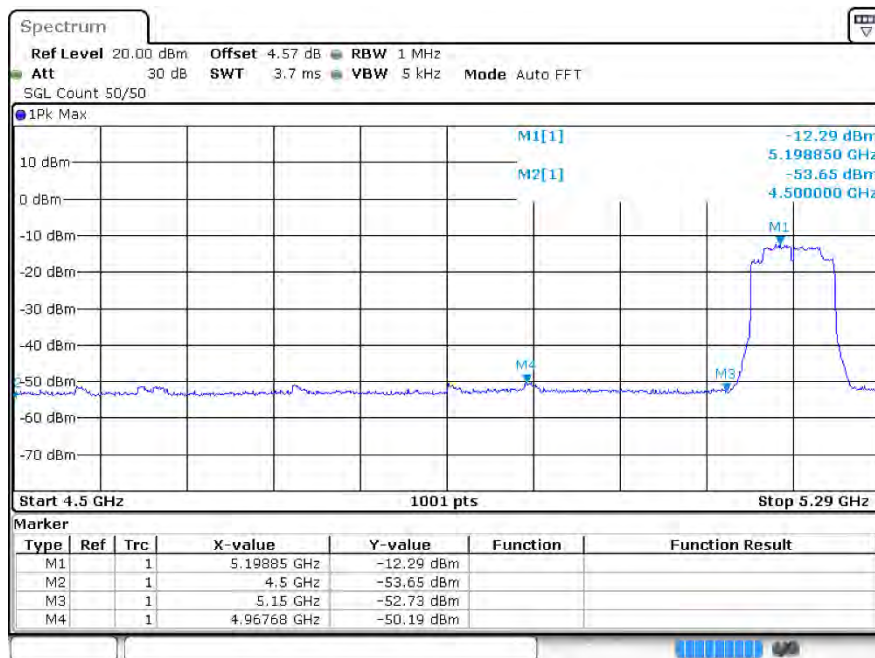
Restrict Band ac40 5230MHz Ant2 Average



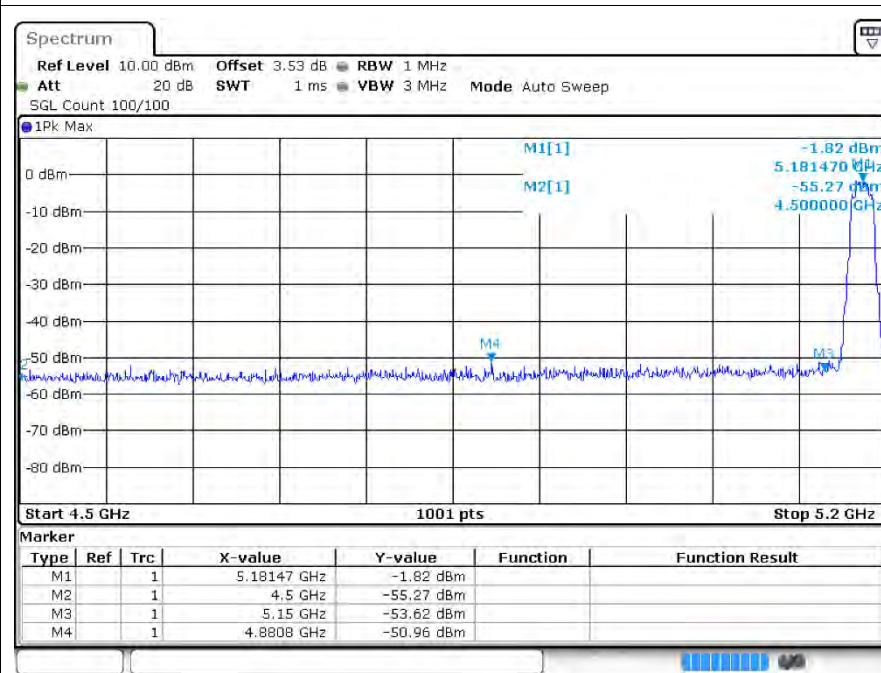
Restrict Bandac80 5210MHz Ant2 Peak



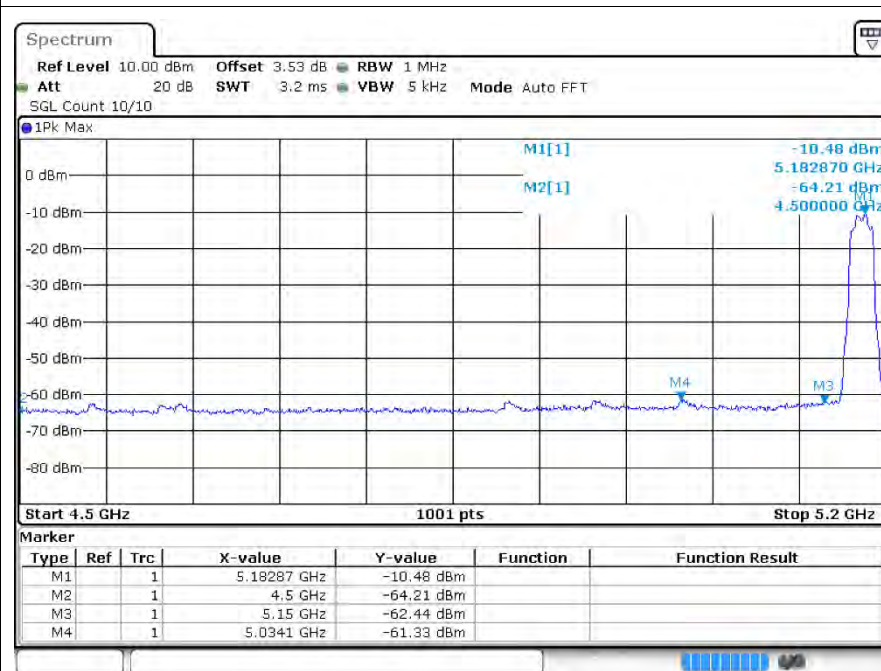
Restrict Band ac80 5210MHz Ant2 Average



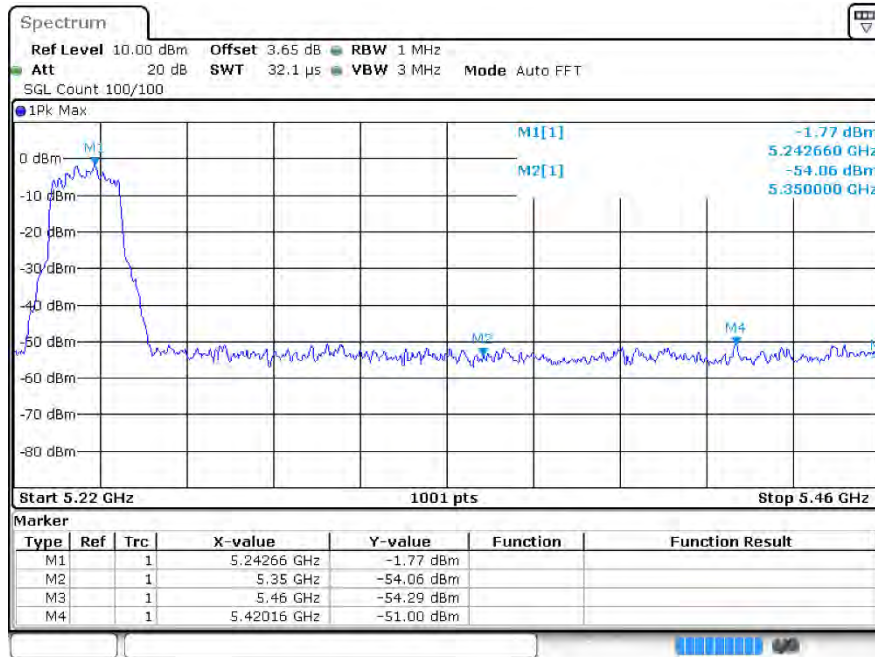
Restrict Bandx20 5180MHz Ant2 Peak



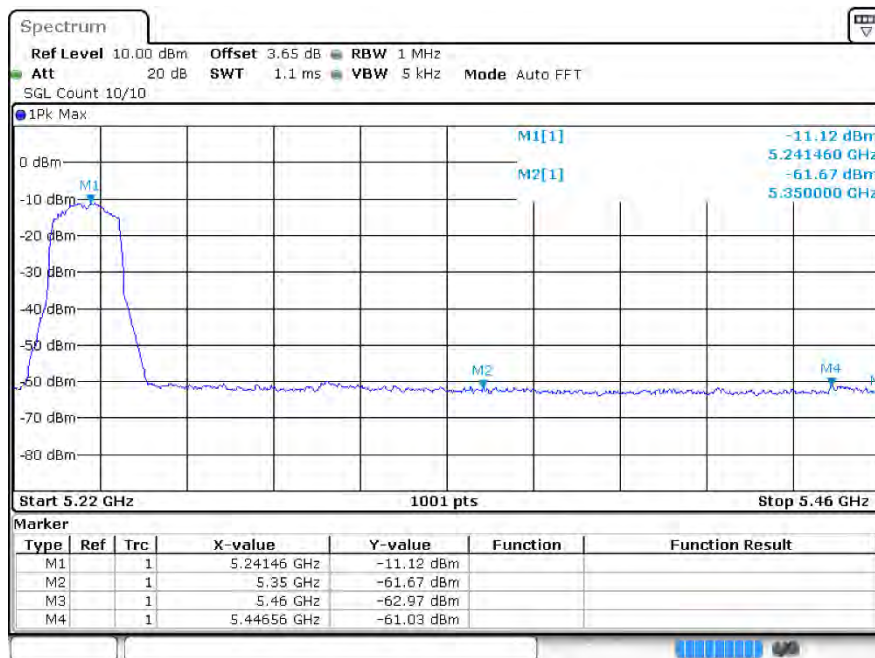
Restrict Band ax20 5180MHz Ant2 Average



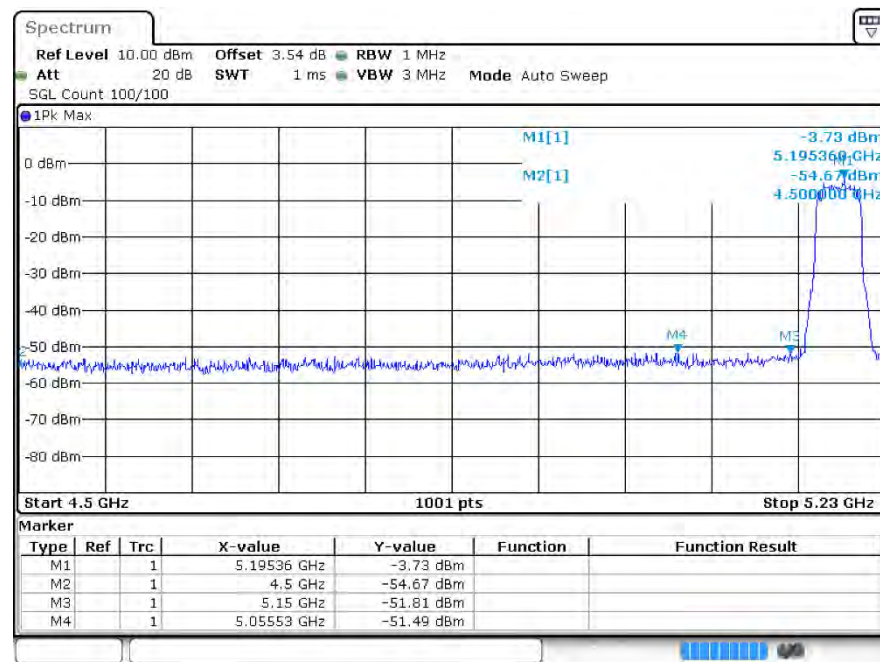
Restrict Bandax20 5240MHz Ant2 Peak



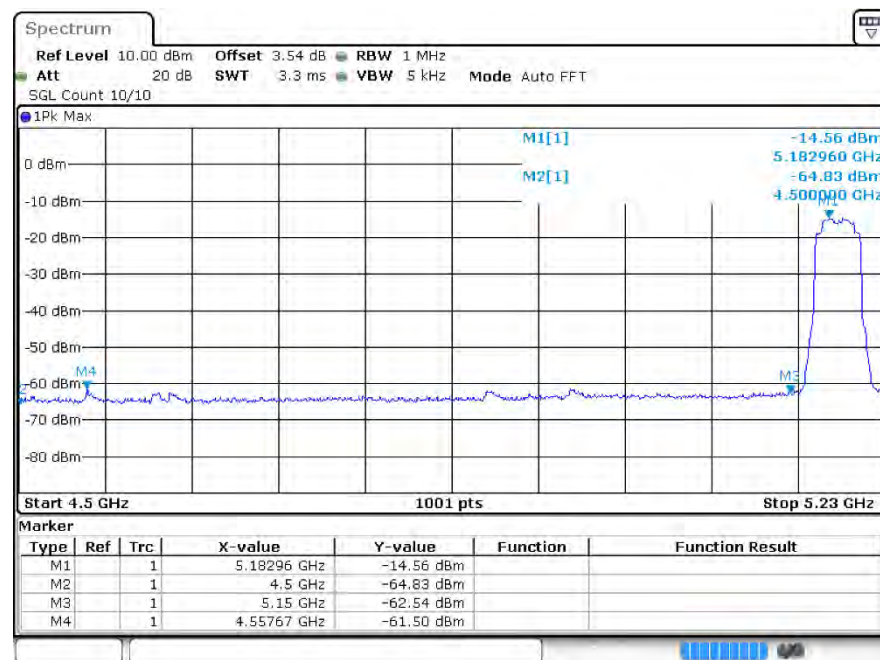
Restrict Band ax20 5240MHz Ant2 Average



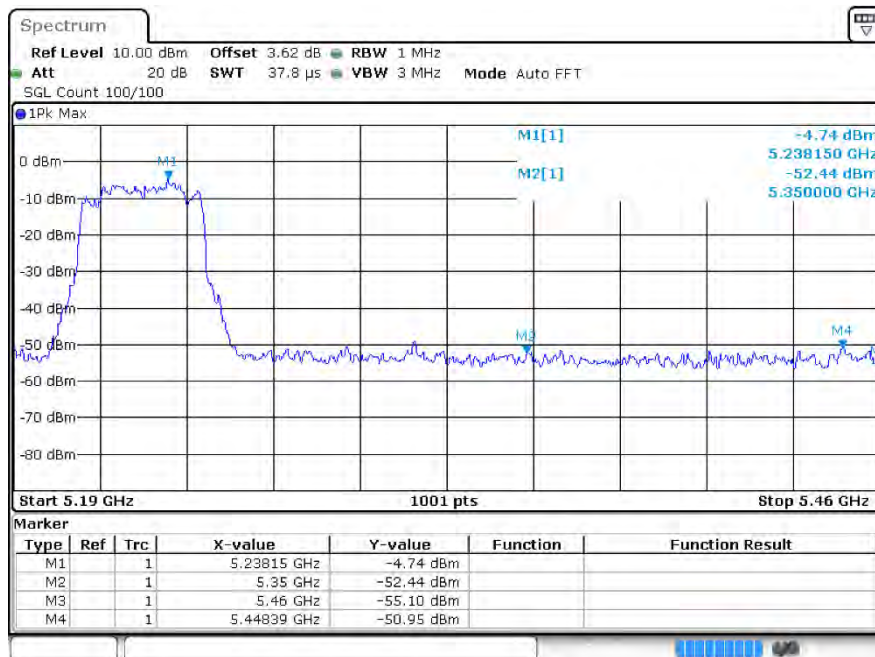
Restrict Bandax40 5190MHz Ant2 Peak



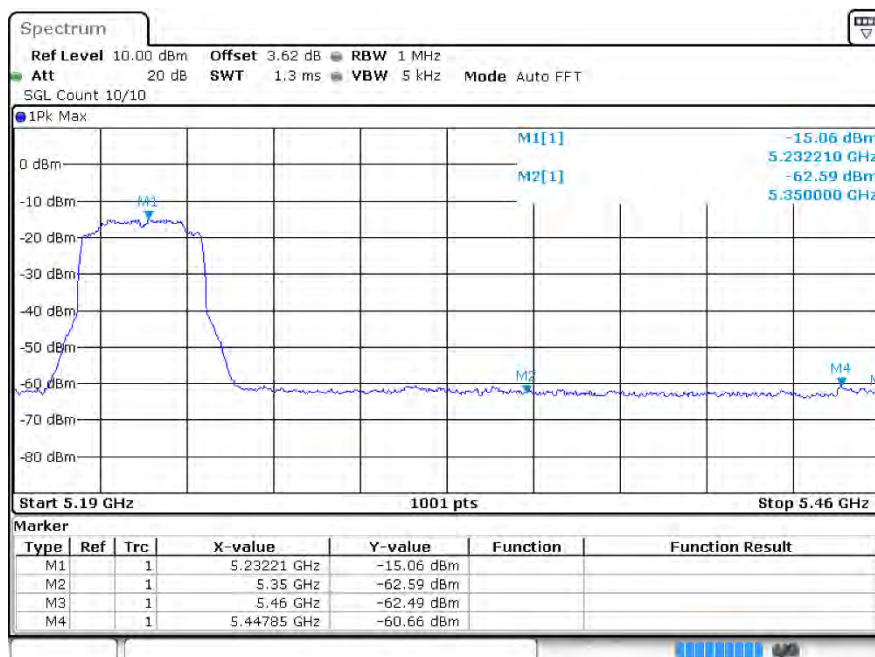
Restrict Band ax40 5190MHz Ant2 Average



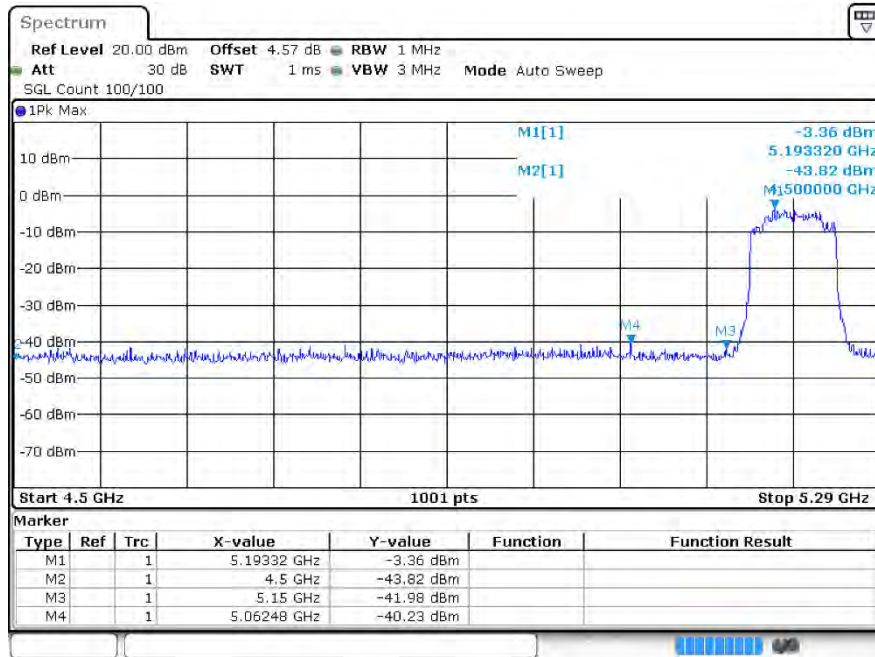
Restrict Bandax40 5230MHz Ant2 Peak



Restrict Band ax40 5230MHz Ant2 Average



Restrict Bandx80 5210MHz Ant2 Peak



Restrict Band ax80 5210MHz Ant2 Average

