



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	5179.92	-80000	-15.44	25	Pass
20C 120V	a	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 138V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 120V	a	5180	Ant1	5179.92	-80000	-15.44	25	Pass
-10C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0C 120V	a	5180	Ant1	5179.92	-80000	-15.44	25	Pass
10C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
50C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 102V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 120V	a	5200	Ant1	5199.92	-80000	-15.38	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	5199.92	-80000	-15.38	25	Pass
0C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
10C 120V	a	5200	Ant1	5199.92	-80000	-15.38	25	Pass
30C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
40C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 102V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 102V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 138V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-20C 120V	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
-10C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
0C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10C 120V	a	5240	Ant1	5239.9	-100000	-19.08	25	Pass
30C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
50C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 102V	a	5260	Ant1	5259.94	-60000	-11.41	25	Pass
20C 120V	a	5260	Ant1	5259.94	-60000	-11.41	25	Pass
20C 138V	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-20C 120V	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-10C 120V	a	5260	Ant1	5259.94	-60000	-11.41	25	Pass
0C 120V	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass



10C 120V	a	5260	Ant1	5259.98	-20000	-3.8	25	Pass
30C 120V	a	5260	Ant1	5259.94	-60000	-11.41	25	Pass
40C 120V	a	5260	Ant1	5259.94	-60000	-11.41	25	Pass
50C 120V	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 102V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C 120V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C 138V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
-20C 120V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
-10C 120V	a	5280	Ant1	5279.96	-40000	-7.58	25	Pass
0C 120V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
10C 120V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
30C 120V	a	5280	Ant1	5279.92	-80000	-15.15	25	Pass
40C 120V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
50C 120V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C 102V	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
20C 120V	a	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 138V	a	5320	Ant1	5319.96	-40000	-7.52	25	Pass
-20C 120V	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
-10C 120V	a	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0C 120V	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
10C 120V	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
30C 120V	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
40C 120V	a	5320	Ant1	5319.98	-20000	-3.76	25	Pass
50C 120V	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
20C 102V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 120V	a	5500	Ant1	5499.92	-80000	-14.55	25	Pass
20C 138V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
-20C 120V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
-10C 120V	a	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0C 120V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
10C 120V	a	5500	Ant1	5499.96	-40000	-7.27	25	Pass
30C 120V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
40C 120V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
50C 120V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 102V	a	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 120V	a	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 138V	a	5600	Ant1	5599.96	-40000	-7.14	25	Pass
-20C 120V	a	5600	Ant1	5599.94	-60000	-10.71	25	Pass
-10C 120V	a	5600	Ant1	5599.96	-40000	-7.14	25	Pass
0C 120V	a	5600	Ant1	5599.96	-40000	-7.14	25	Pass
10C 120V	a	5600	Ant1	5599.98	-20000	-3.57	25	Pass
30C 120V	a	5600	Ant1	5599.94	-60000	-10.71	25	Pass
40C 120V	a	5600	Ant1	5599.92	-80000	-14.29	25	Pass



50C 120V	a	5600	Ant1	5599.94	-60000	-10.71	25	Pass
20C 102V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
20C 120V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
20C 138V	a	5700	Ant1	5699.9	-100000	-17.54	25	Pass
-20C 120V	a	5700	Ant1	5699.92	-80000	-14.04	25	Pass
-10C 120V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
0C 120V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
10C 120V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
30C 120V	a	5700	Ant1	5699.92	-80000	-14.04	25	Pass
40C 120V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
50C 120V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
20C 102V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 120V	n20	5180	Ant1	5179.88	-120000	-23.17	25	Pass
20C 138V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-20C 120V	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
-10C 120V	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
30C 120V	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
40C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 120V	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 102V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 138V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
-20C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-10C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
10C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40C 120V	n20	5200	Ant1	5200	0	0	25	Pass
50C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 102V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 120V	n20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 138V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-20C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-10C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
0C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	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	n20	5260	Ant1	5260	0	0	25	Pass
20C 120V	n20	5260	Ant1	5259.92	-80000	-15.21	25	Pass



20C 138V	n20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-20C 120V	n20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
-10C 120V	n20	5260	Ant1	5259.92	-80000	-15.21	25	Pass
0C 120V	n20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
10C 120V	n20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
30C 120V	n20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40C 120V	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
50C 120V	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 102V	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 120V	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C 138V	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
-20C 120V	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
-10C 120V	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
0C 120V	n20	5280	Ant1	5279.92	-80000	-15.15	25	Pass
10C 120V	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
30C 120V	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40C 120V	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
50C 120V	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C 102V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
20C 120V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 138V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
-20C 120V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
-10C 120V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0C 120V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
10C 120V	n20	5320	Ant1	5320.04	40000	7.52	25	Pass
30C 120V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
40C 120V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
50C 120V	n20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
20C 102V	n20	5500	Ant1	5499.9	-100000	-18.18	25	Pass
20C 120V	n20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
20C 138V	n20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
-20C 120V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
-10C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
0C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
10C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
30C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
40C 120V	n20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
50C 120V	n20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
20C 102V	n20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 120V	n20	5600	Ant1	5599.98	-20000	-3.57	25	Pass
20C 138V	n20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
-20C 120V	n20	5600	Ant1	5599.98	-20000	-3.57	25	Pass
-10C 120V	n20	5600	Ant1	5599.94	-60000	-10.71	25	Pass



0C 120V	n20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
10C 120V	n20	5600	Ant1	5599.9	-100000	-17.86	25	Pass
30C 120V	n20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
40C 120V	n20	5600	Ant1	5599.98	-20000	-3.57	25	Pass
50C 120V	n20	5600	Ant1	5599.98	-20000	-3.57	25	Pass
20C 102V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
20C 120V	n20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
20C 138V	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
-20C 120V	n20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
-10C 120V	n20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
0C 120V	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
10C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
30C 120V	n20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
40C 120V	n20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
50C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	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	5189.96	-40000	-7.71	25	Pass
-10C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
40C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	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	5229.96	-40000	-7.65	25	Pass
-20C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-10C 120V	n40	5230	Ant1	5230	0	0	25	Pass
0C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10C 120V	n40	5230	Ant1	5230	0	0	25	Pass
30C 120V	n40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
40C 120V	n40	5230	Ant1	5230	0	0	25	Pass
50C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 102V	n40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
20C 120V	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 138V	n40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
-20C 120V	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-10C 120V	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
0C 120V	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
10C 120V	n40	5270	Ant1	5269.88	-120000	-22.77	25	Pass
30C 120V	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass



40C 120V	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
50C 120V	n40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
20C 102V	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 120V	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 138V	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-20C 120V	n40	5310	Ant1	5310	0	0	25	Pass
-10C 120V	n40	5310	Ant1	5310.12	120000	22.6	25	Pass
0C 120V	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
10C 120V	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30C 120V	n40	5310	Ant1	5310	0	0	25	Pass
40C 120V	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
50C 120V	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
20C 102V	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
20C 120V	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
20C 138V	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
-20C 120V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-10C 120V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0C 120V	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
10C 120V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
30C 120V	n40	5510	Ant1	5510	0	0	25	Pass
40C 120V	n40	5510	Ant1	5509.88	-120000	-21.78	25	Pass
50C 120V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 102V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 138V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-20C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-10C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
0C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
10C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
30C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
40C 120V	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
50C 120V	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
20C 102V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 138V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-20C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-10C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
0C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
50C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass



20C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	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	5199.92	-80000	-15.38	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	5199.96	-40000	-7.69	25	Pass
40C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
50C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 102V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 120V	ac20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 138V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-20C 120V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
-10C 120V	ac20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
0C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10C 120V	ac20	5240	Ant1	5239.92	-80000	-15.27	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	5239.92	-80000	-15.27	25	Pass
20C 102V	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
20C 120V	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
20C 138V	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-20C 120V	ac20	5260	Ant1	5259.8	-200000	-38.02	25	Pass
-10C 120V	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
0C 120V	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
10C 120V	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
30C 120V	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40C 120V	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
50C 120V	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
20C 102V	ac20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C 120V	ac20	5280	Ant1	5279.92	-80000	-15.15	25	Pass
20C 138V	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
-20C 120V	ac20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
-10C 120V	ac20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
0C 120V	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10C 120V	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
30C 120V	ac20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
40C 120V	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
50C 120V	ac20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C 102V	ac20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
20C 120V	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 138V	ac20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
-20C 120V	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass



-10C 120V	ac20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
0C 120V	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
10C 120V	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30C 120V	ac20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
40C 120V	ac20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
50C 120V	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 102V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 120V	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 138V	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
-20C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
-10C 120V	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0C 120V	ac20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
10C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
30C 120V	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
40C 120V	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
50C 120V	ac20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
20C 102V	ac20	5600	Ant1	5599.98	-20000	-3.57	25	Pass
20C 120V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
20C 138V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
-20C 120V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
-10C 120V	ac20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
0C 120V	ac20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
10C 120V	ac20	5600	Ant1	5599.98	-20000	-3.57	25	Pass
30C 120V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
40C 120V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
50C 120V	ac20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 102V	ac20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 120V	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
20C 138V	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
-20C 120V	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
-10C 120V	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
0C 120V	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
10C 120V	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
30C 120V	ac20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
40C 120V	ac20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
50C 120V	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
20C 102V	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
20C 120V	ac40	5190	Ant1	5189.92	-80000	-15.41	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	5189.92	-80000	-15.41	25	Pass
0C 120V	ac40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
10C 120V	ac40	5190	Ant1	5190	0	0	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	5189.96	-40000	-7.71	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	5229.92	-80000	-15.3	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	5230	0	0	25	Pass
30C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
50C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 102V	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 120V	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 138V	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-20C 120V	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-10C 120V	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
0C 120V	ac40	5270	Ant1	5270	0	0	25	Pass
10C 120V	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
30C 120V	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
40C 120V	ac40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
50C 120V	ac40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
20C 102V	ac40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
20C 120V	ac40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
20C 138V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-20C 120V	ac40	5310	Ant1	5310	0	0	25	Pass
-10C 120V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0C 120V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
10C 120V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30C 120V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
40C 120V	ac40	5310	Ant1	5310	0	0	25	Pass
50C 120V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 102V	ac40	5510	Ant1	5510	0	0	25	Pass
20C 120V	ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
20C 138V	ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
-20C 120V	ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
-10C 120V	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0C 120V	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
10C 120V	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
30C 120V	ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
40C 120V	ac40	5510	Ant1	5510	0	0	25	Pass
50C 120V	ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass



20C 102V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 120V	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
20C 138V	ac40	5670	Ant1	5670	0	0	25	Pass
-20C 120V	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
-10C 120V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
0C 120V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
10C 120V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
30C 120V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
40C 120V	ac40	5670	Ant1	5670.04	40000	7.05	25	Pass
50C 120V	ac40	5670	Ant1	5669.96	-40000	-7.05	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	5210	0	0	25	Pass
-20C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
-10C 120V	ac80	5210	Ant1	5209.92	-80000	-15.36	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	5209.52	-480000	-92.13	25	Pass
50C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 102V	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
20C 120V	ac80	5290	Ant1	5290	0	0	25	Pass
20C 138V	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
-20C 120V	ac80	5290	Ant1	5290	0	0	25	Pass
-10C 120V	ac80	5290	Ant1	5290	0	0	25	Pass
0C 120V	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
10C 120V	ac80	5290	Ant1	5290	0	0	25	Pass
30C 120V	ac80	5290	Ant1	5290	0	0	25	Pass
40C 120V	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
50C 120V	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
20C 102V	ac80	5530	Ant1	5530	0	0	25	Pass
20C 120V	ac80	5530	Ant1	5530	0	0	25	Pass
20C 138V	ac80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
-20C 120V	ac80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
-10C 120V	ac80	5530	Ant1	5529.84	-160000	-28.93	25	Pass
0C 120V	ac80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
10C 120V	ac80	5530	Ant1	5530	0	0	25	Pass
30C 120V	ac80	5530	Ant1	5530	0	0	25	Pass
40C 120V	ac80	5530	Ant1	5530	0	0	25	Pass
50C 120V	ac80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
20C 102V	ac80	5610	Ant1	5610	0	0	25	Pass
20C 120V	ac80	5610	Ant1	5610.24	240000	42.78	25	Pass
20C 138V	ac80	5610	Ant1	5610.88	880000	156.86	25	Pass



-20C 120V	ac80	5610	Ant1	5609.84	-160000	-28.52	25	Pass
-10C 120V	ac80	5610	Ant1	5610	0	0	25	Pass
0C 120V	ac80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
10C 120V	ac80	5610	Ant1	5610.24	240000	42.78	25	Pass
30C 120V	ac80	5610	Ant1	5610	0	0	25	Pass
40C 120V	ac80	5610	Ant1	5610.16	160000	28.52	25	Pass
50C 120V	ac80	5610	Ant1	5610	0	0	25	Pass



7 Conducted RF Spurious Emission

7.1 Test Result

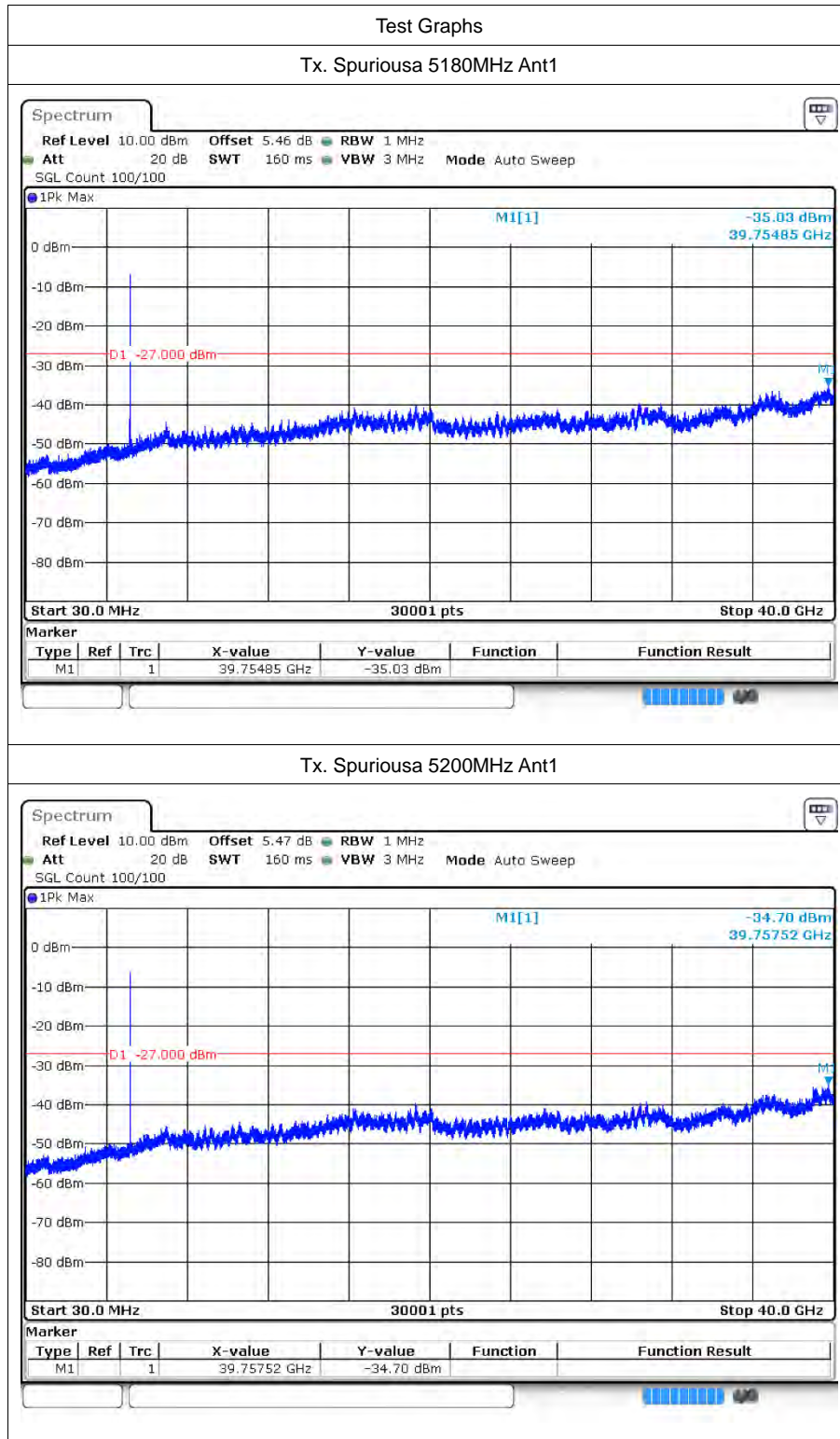
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
a	5180	Ant1	-35.02	-27	Pass
a	5200	Ant1	-34.69	-27	Pass
a	5240	Ant1	-34.96	-27	Pass
a	5260	Ant1	-35.84	-27	Pass
a	5280	Ant1	-34.56	-27	Pass
a	5320	Ant1	-35.33	-27	Pass
a	5500	Ant1	-35.64	-27	Pass
a	5600	Ant1	-34.93	-27	Pass
a	5700	Ant1	-34.11	-27	Pass
n20	5180	Ant1	-35.62	-27	Pass
n20	5200	Ant1	-35.89	-27	Pass
n20	5240	Ant1	-35.36	-27	Pass
n20	5260	Ant1	-35.9	-27	Pass
n20	5280	Ant1	-35.52	-27	Pass
n20	5320	Ant1	-35.17	-27	Pass
n20	5500	Ant1	-34.09	-27	Pass
n20	5600	Ant1	-35.1	-27	Pass
n20	5700	Ant1	-34.71	-27	Pass
n40	5190	Ant1	-35.18	-27	Pass
n40	5230	Ant1	-35.48	-27	Pass
n40	5270	Ant1	-35.24	-27	Pass
n40	5310	Ant1	-35.88	-27	Pass
n40	5510	Ant1	-35.63	-27	Pass
n40	5670	Ant1	-35.07	-27	Pass
ac20	5180	Ant1	-35.36	-27	Pass
ac20	5200	Ant1	-35.25	-27	Pass
ac20	5240	Ant1	-35.48	-27	Pass
ac20	5260	Ant1	-35.49	-27	Pass
ac20	5280	Ant1	-35.11	-27	Pass
ac20	5320	Ant1	-34.96	-27	Pass
ac20	5500	Ant1	-35.44	-27	Pass
ac20	5600	Ant1	-35.03	-27	Pass
ac20	5700	Ant1	-34.7	-27	Pass
ac40	5190	Ant1	-34.74	-27	Pass
ac40	5230	Ant1	-34.78	-27	Pass
ac40	5270	Ant1	-35.16	-27	Pass
ac40	5310	Ant1	-35.38	-27	Pass



ac40	5510	Ant1	-34.85	-27	Pass
ac40	5670	Ant1	-35.38	-27	Pass
ac80	5210	Ant1	-34.83	-27	Pass
ac80	5290	Ant1	-35.04	-27	Pass
ac80	5530	Ant1	-35.23	-27	Pass
ac80	5610	Ant1	-35.24	-27	Pass

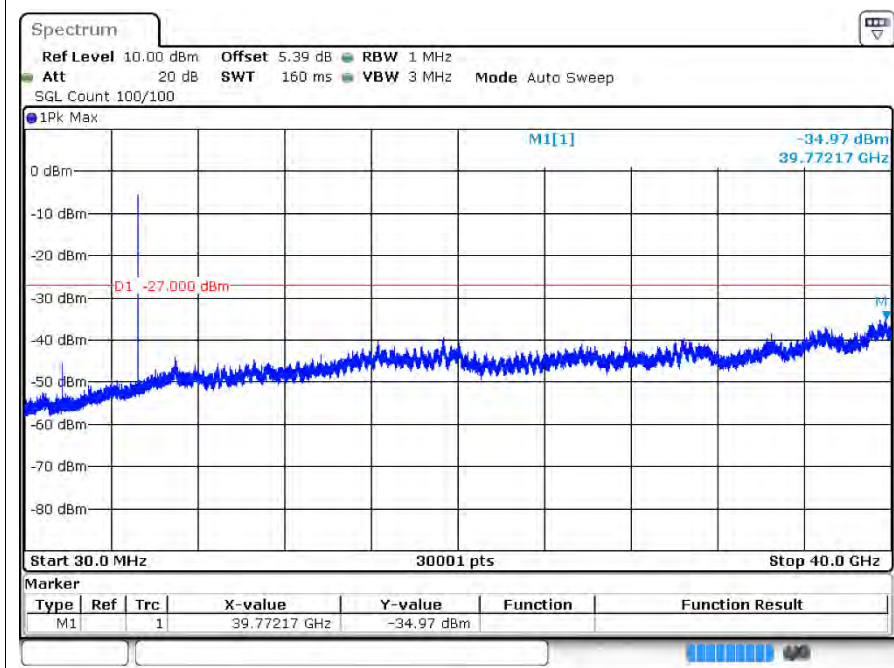


7.2 Test Graphs

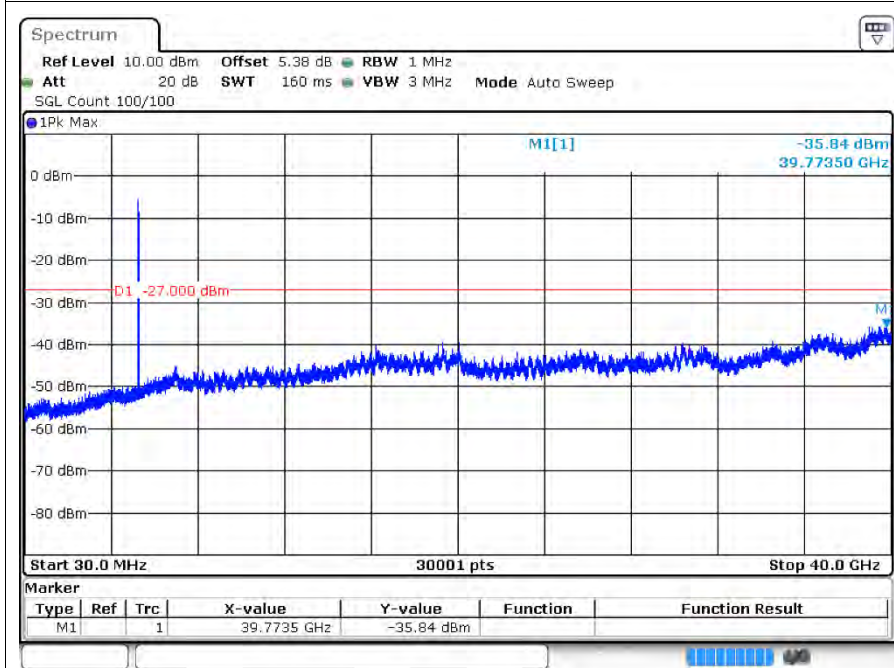




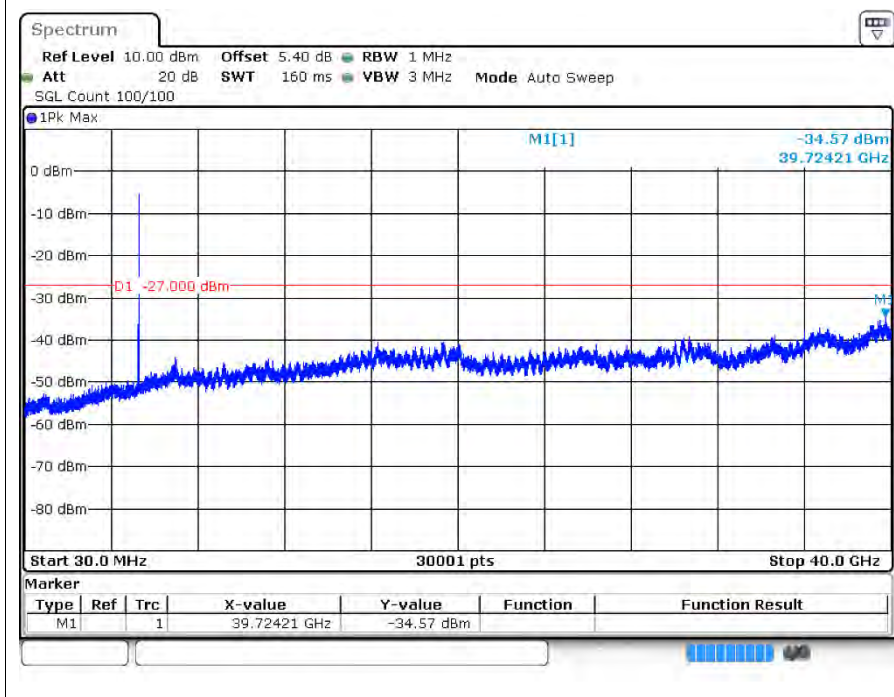
Tx. Spuriousa 5240MHz Ant1



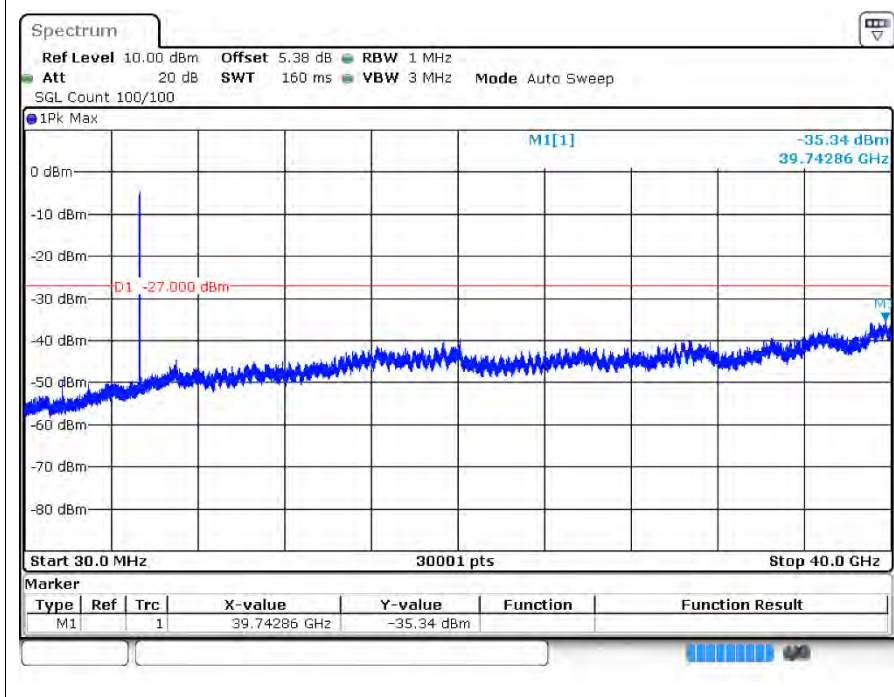
Tx. Spuriousa 5260MHz Ant1

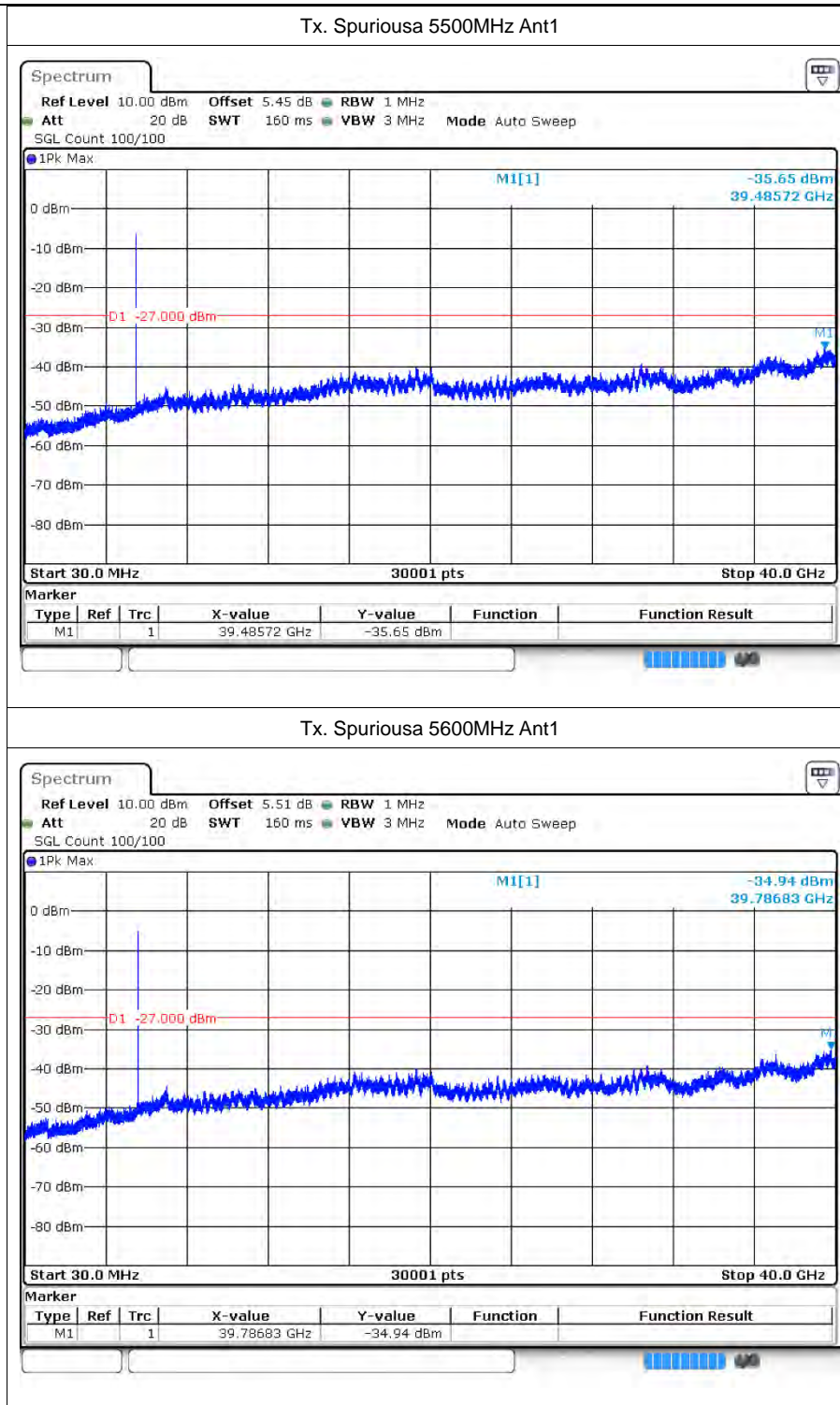


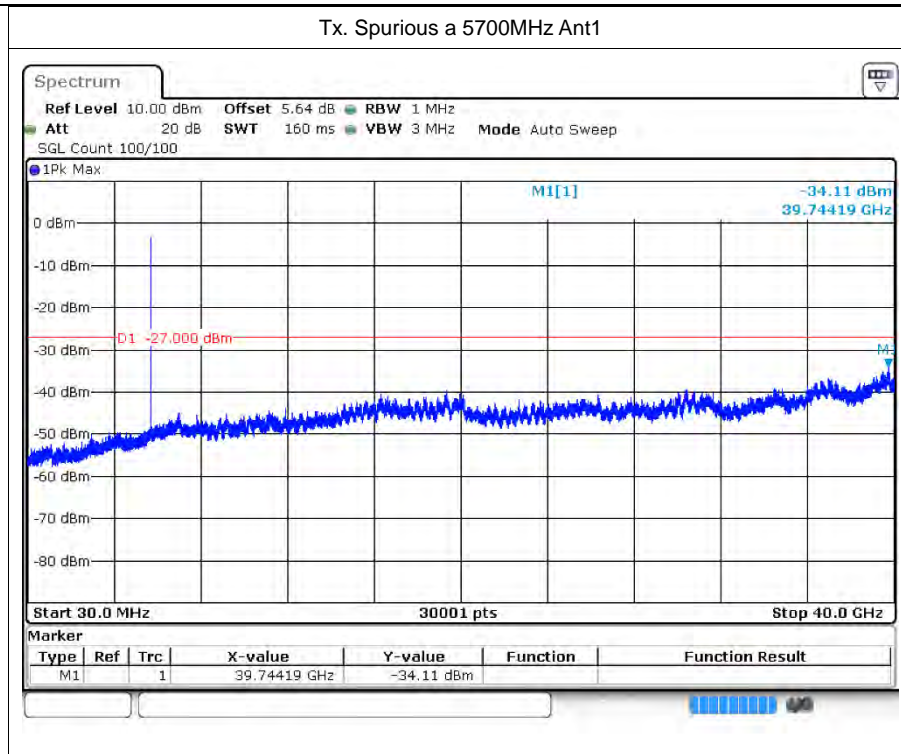
Tx. Spurious a 5280MHz Ant1



Tx. Spurious a 5320MHz Ant1

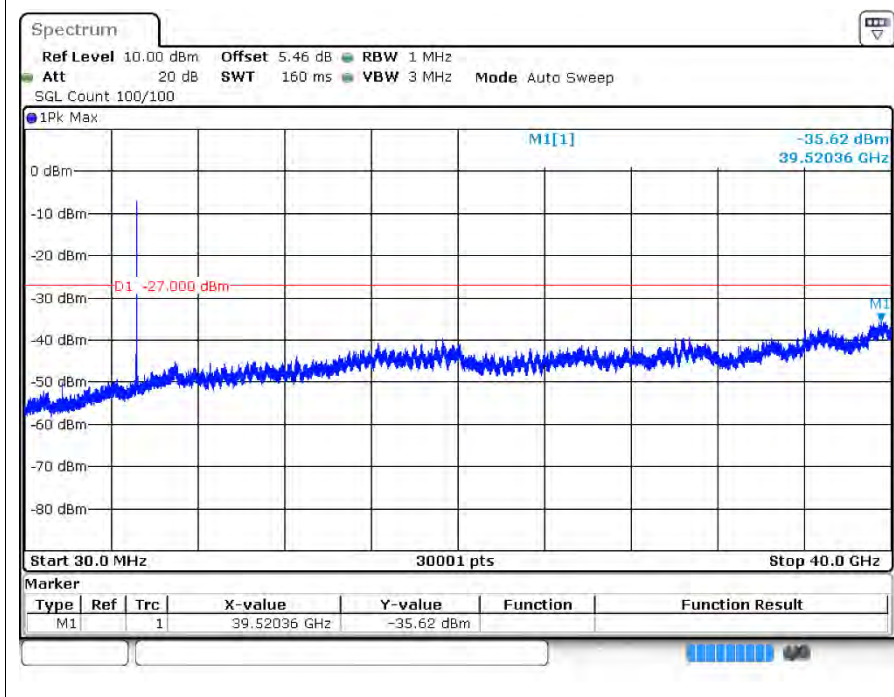




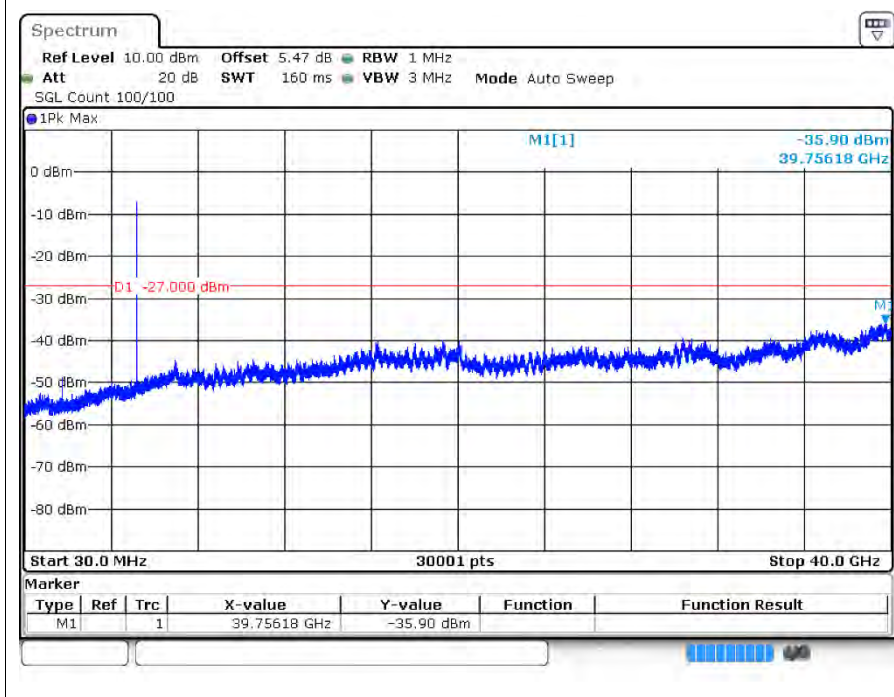


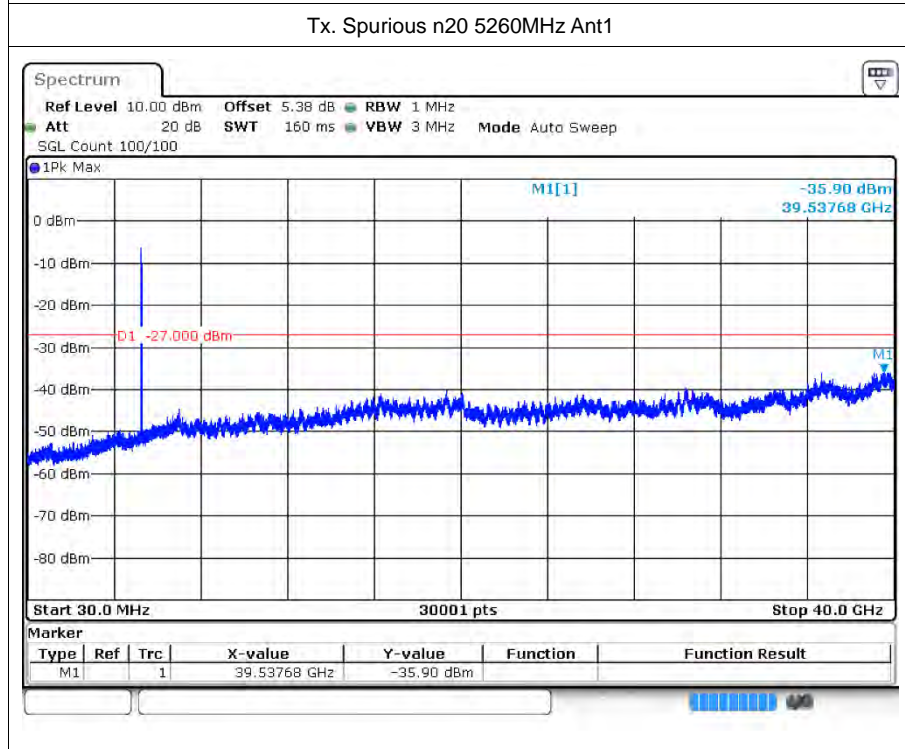
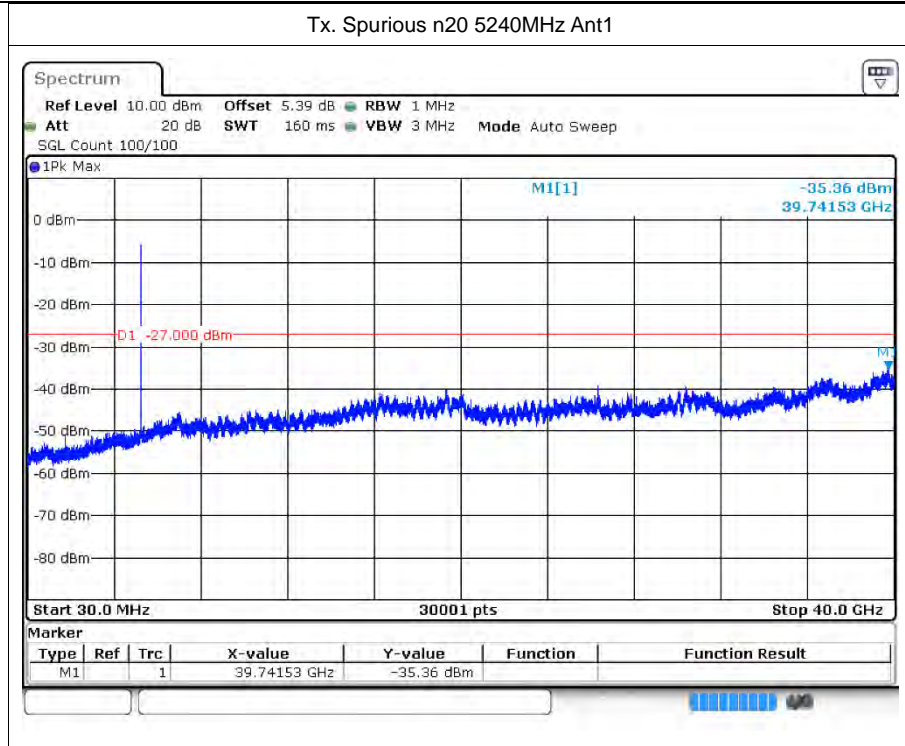


Tx. Spurious n20 5180MHz Ant1



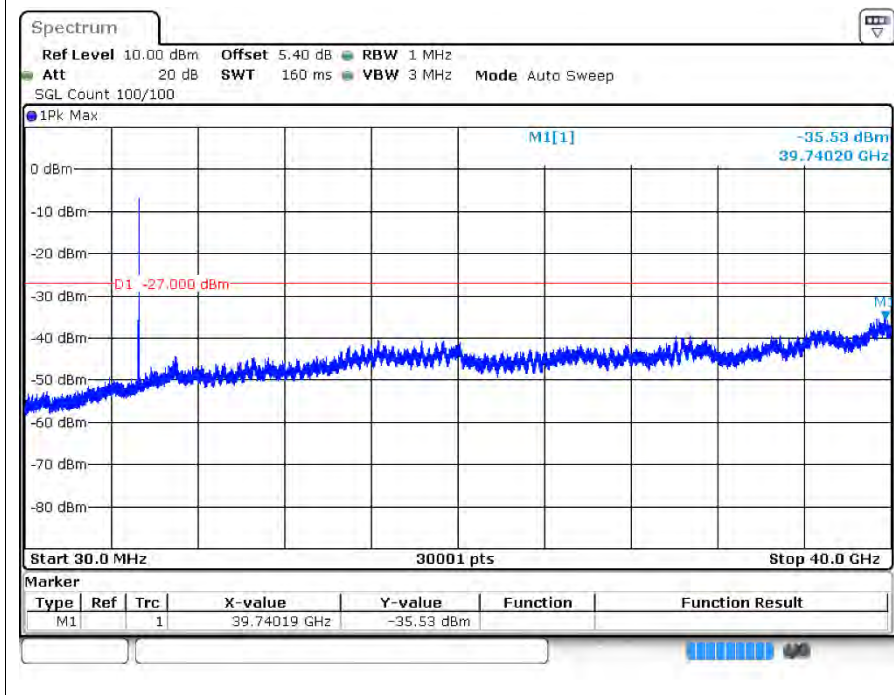
Tx. Spurious n20 5200MHz Ant1



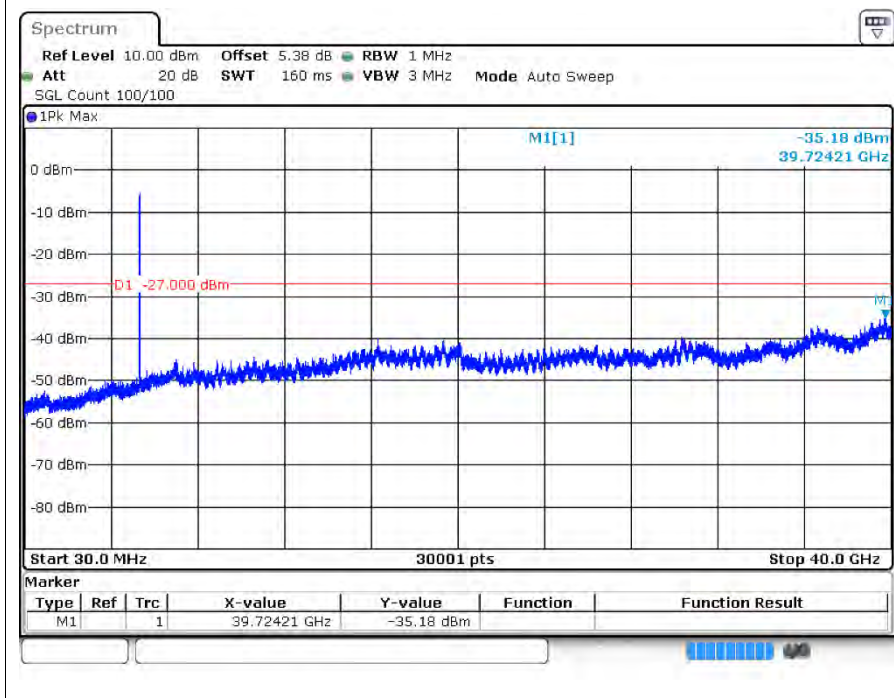


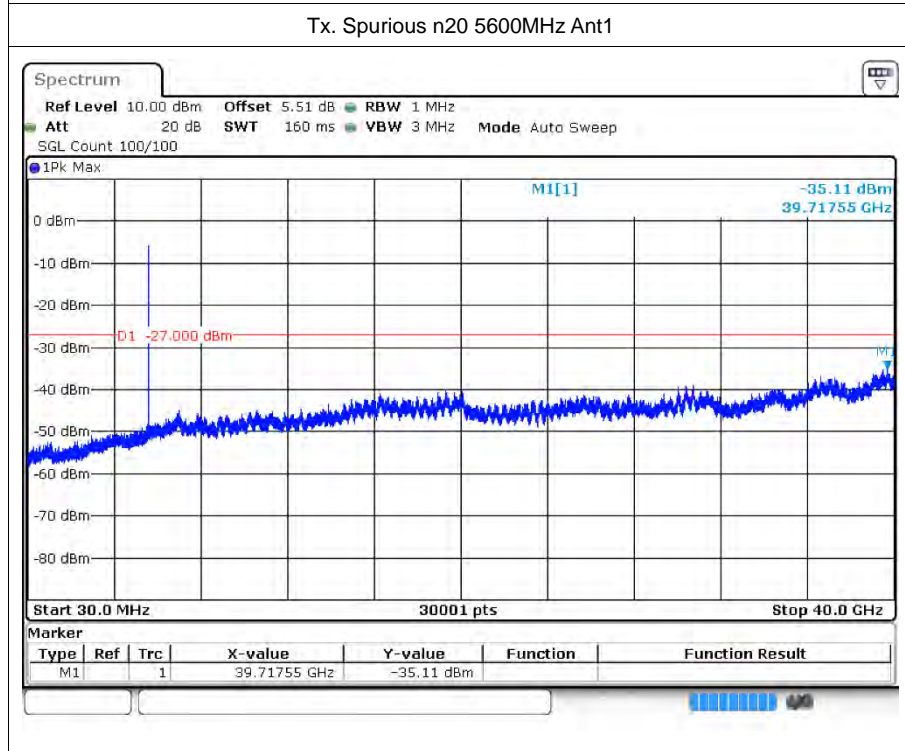
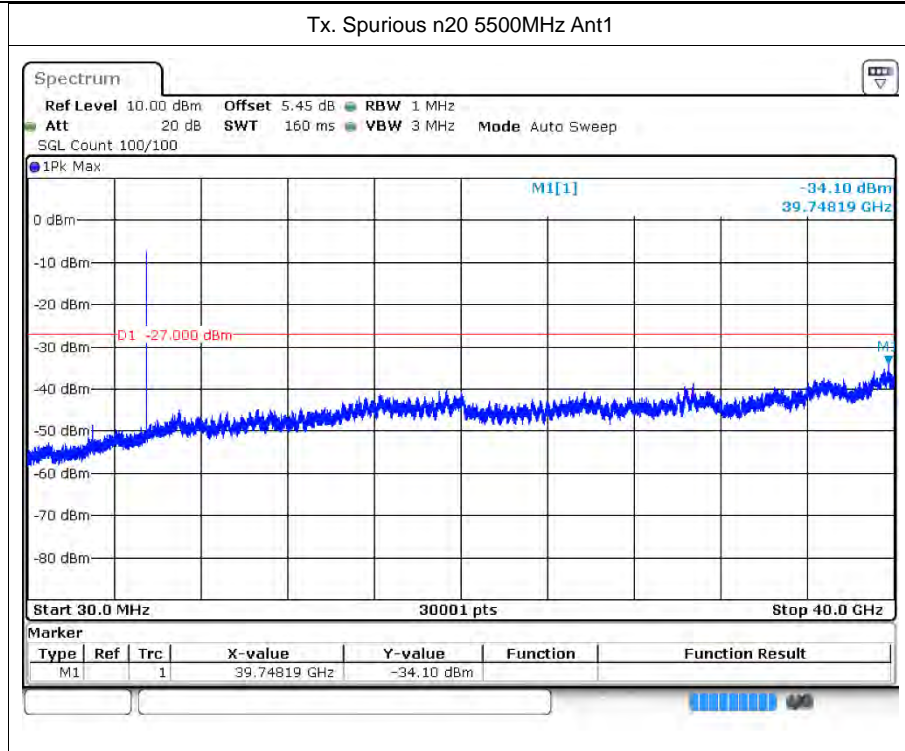


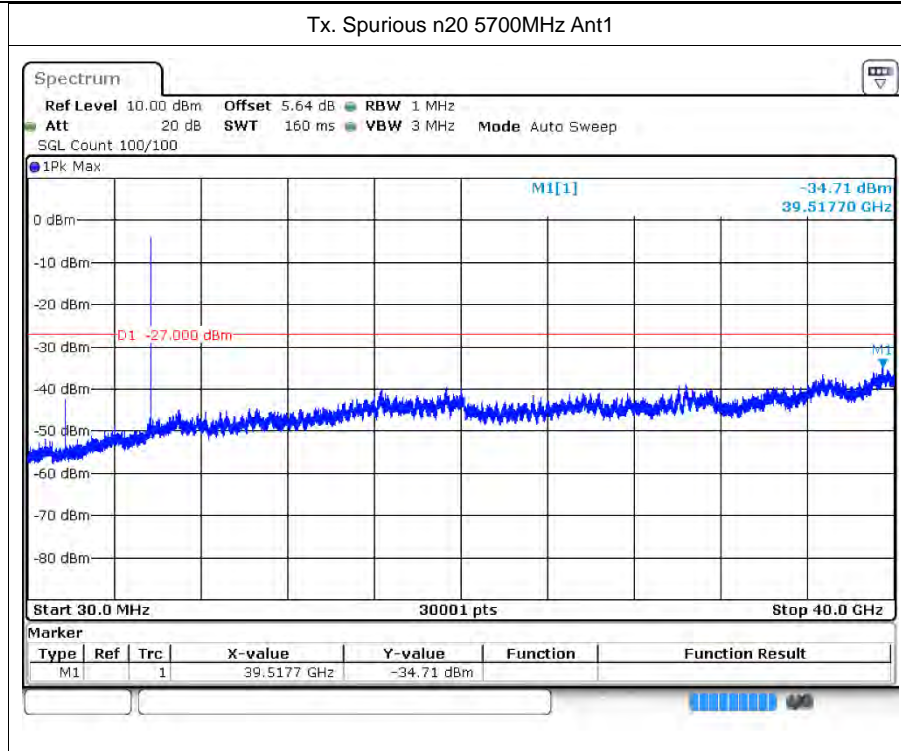
Tx. Spurious n20 5280MHz Ant1

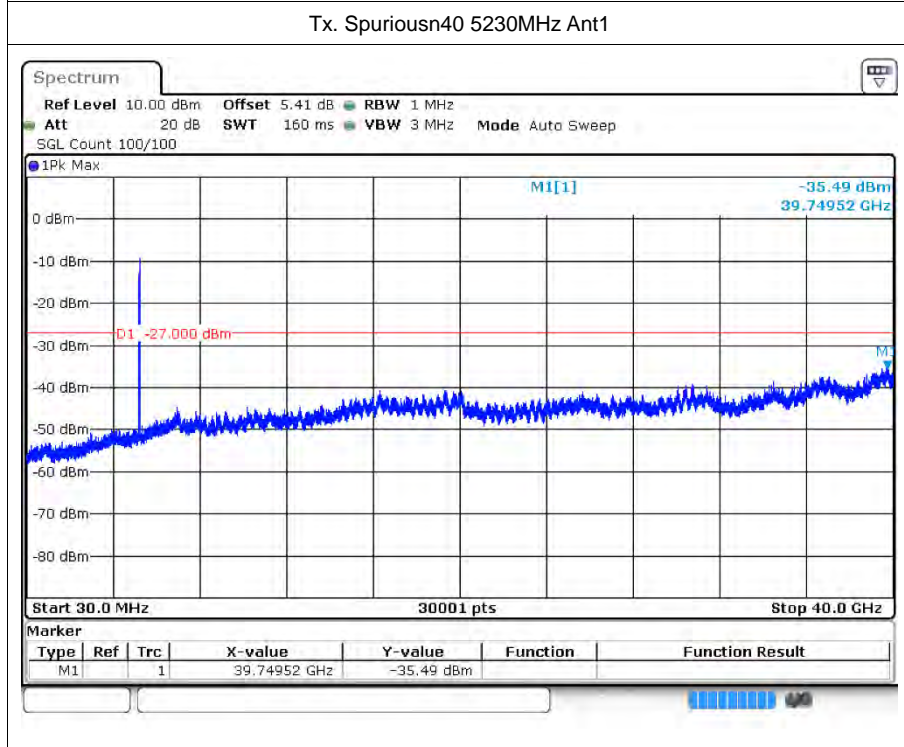
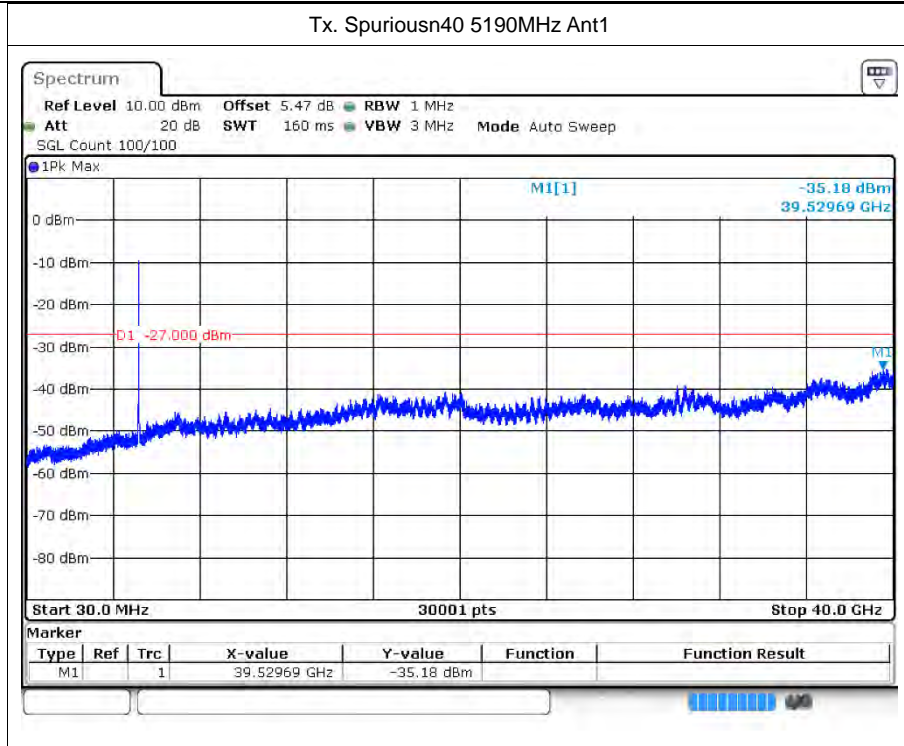


Tx. Spurious n20 5320MHz Ant1



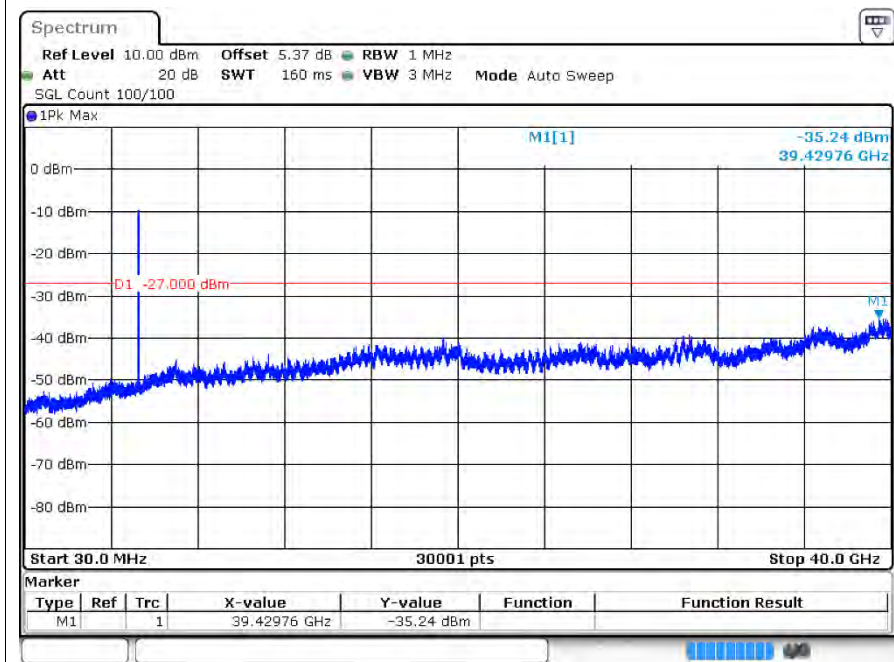




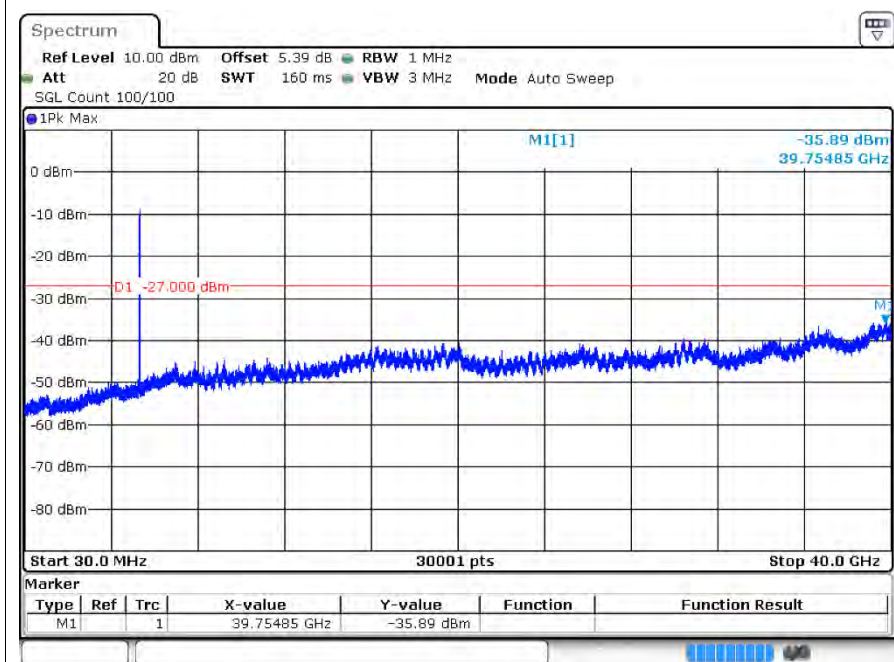


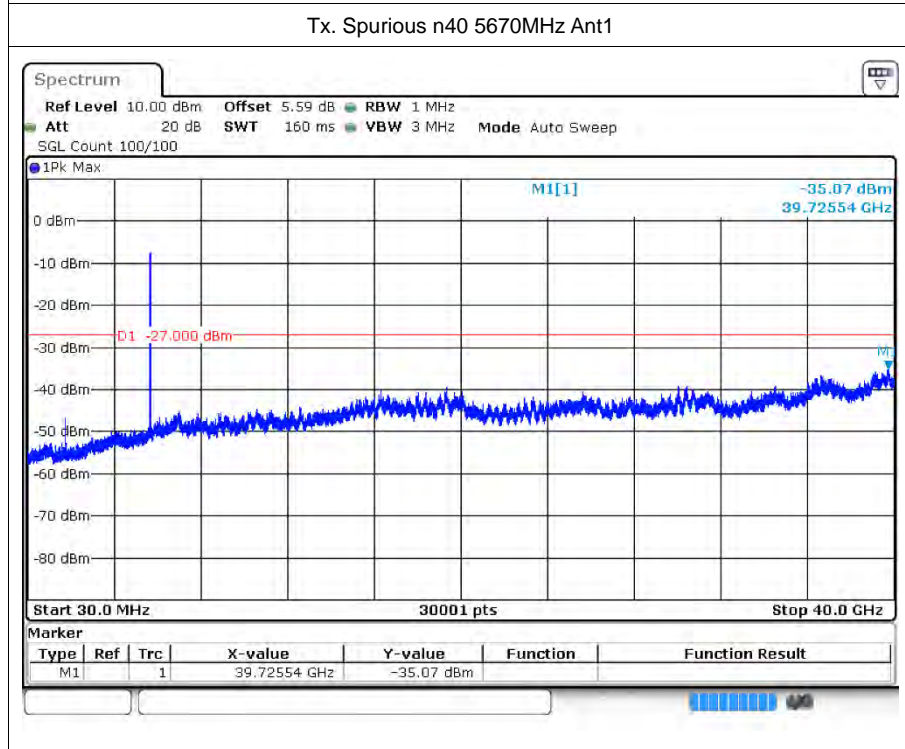
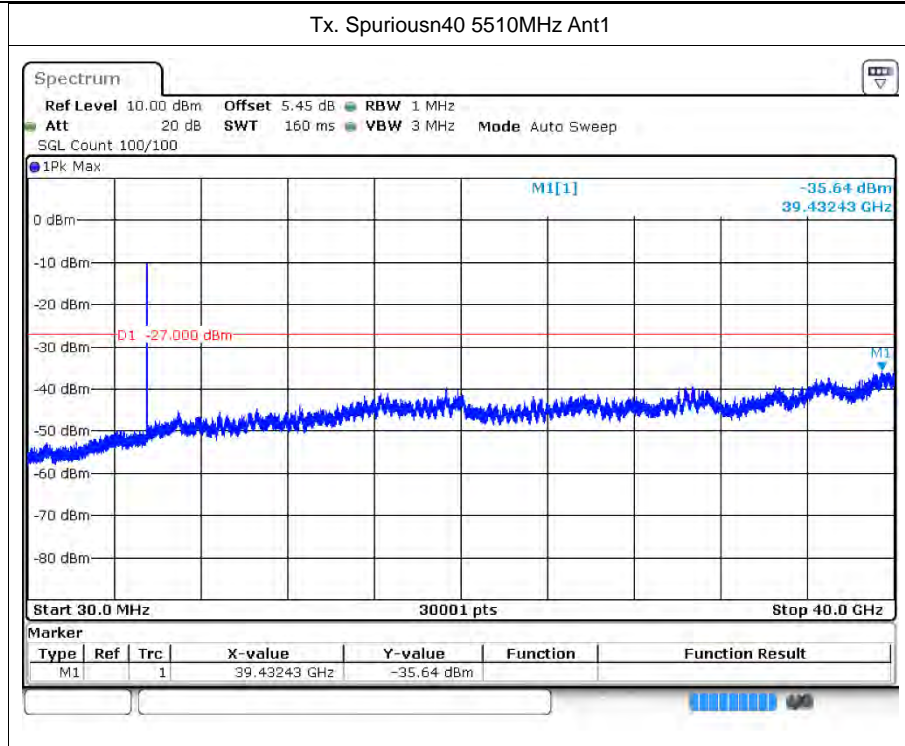


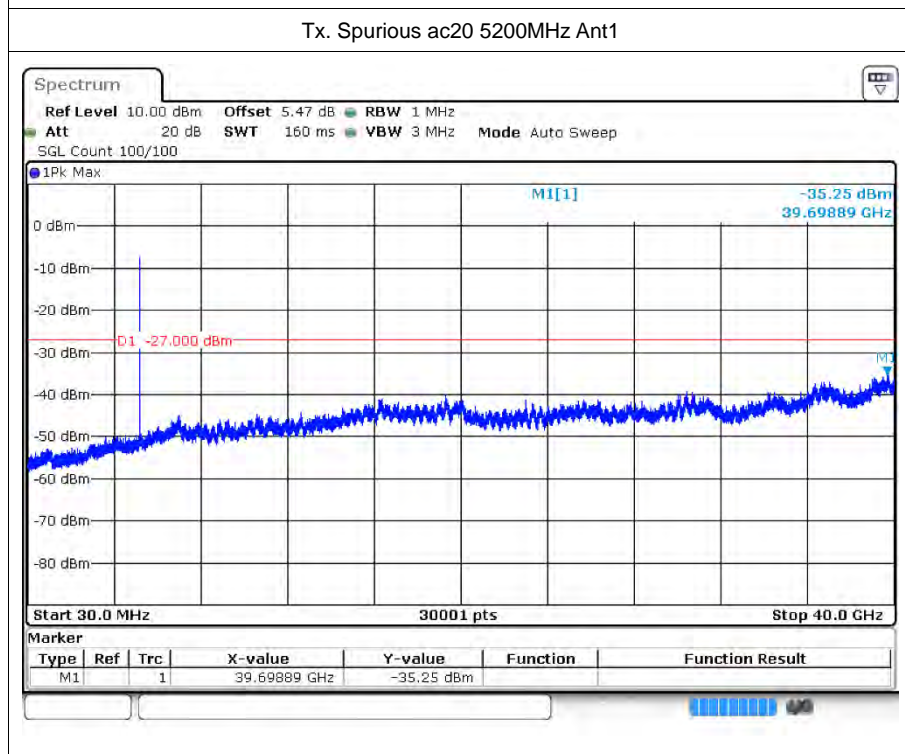
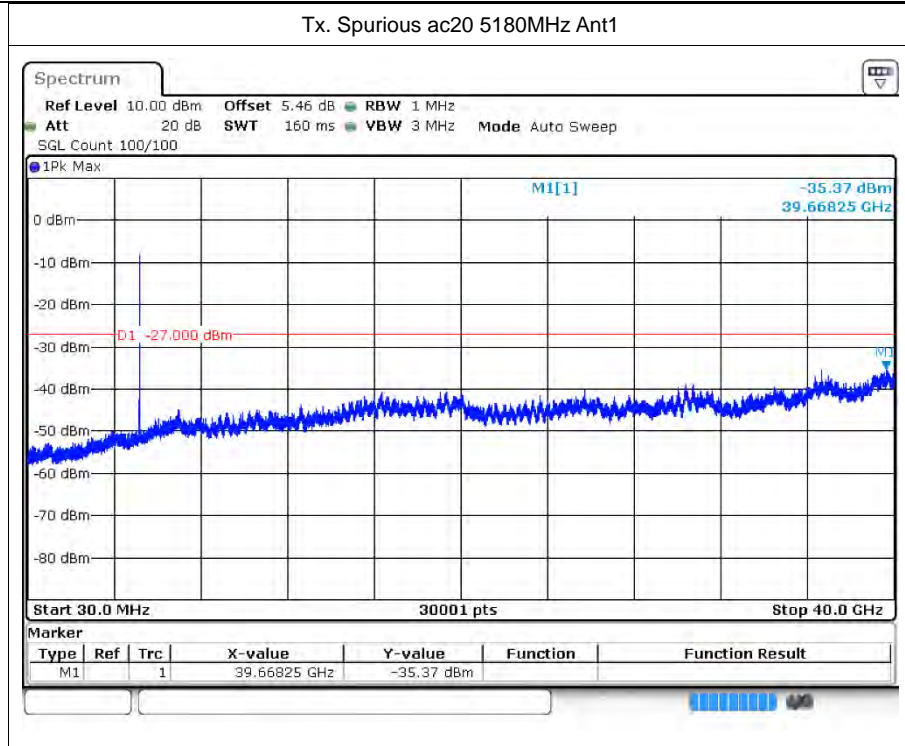
Tx. Spurious n40 5270MHz Ant1

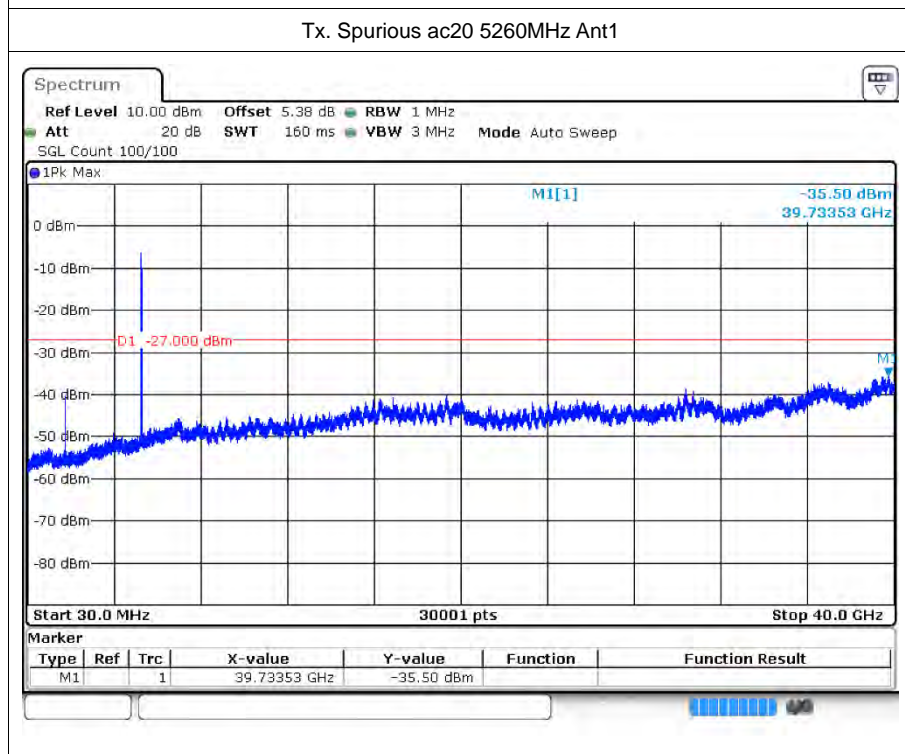
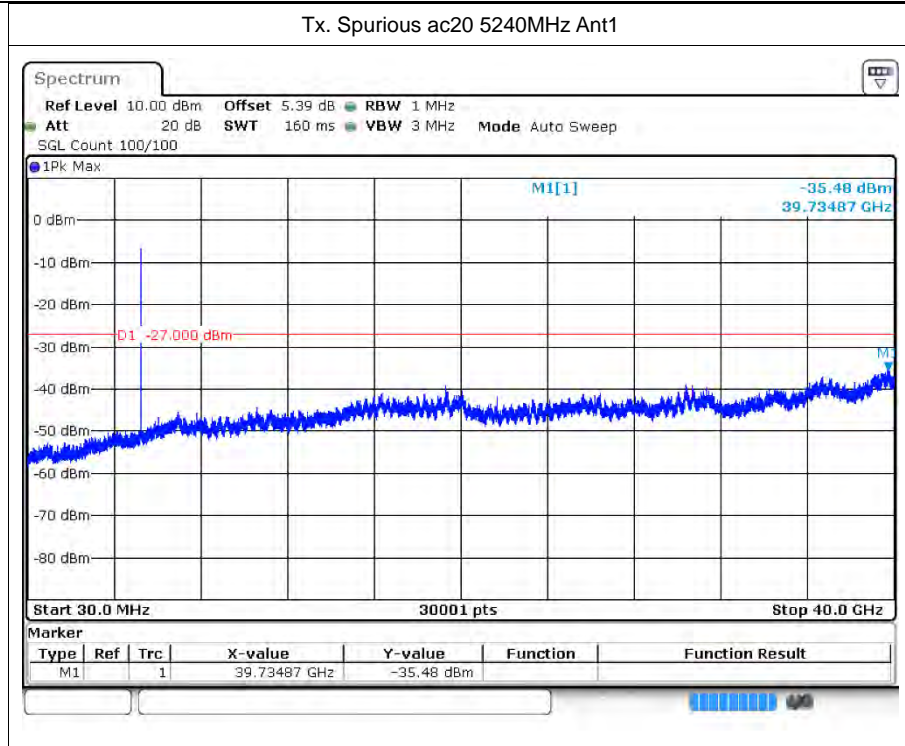


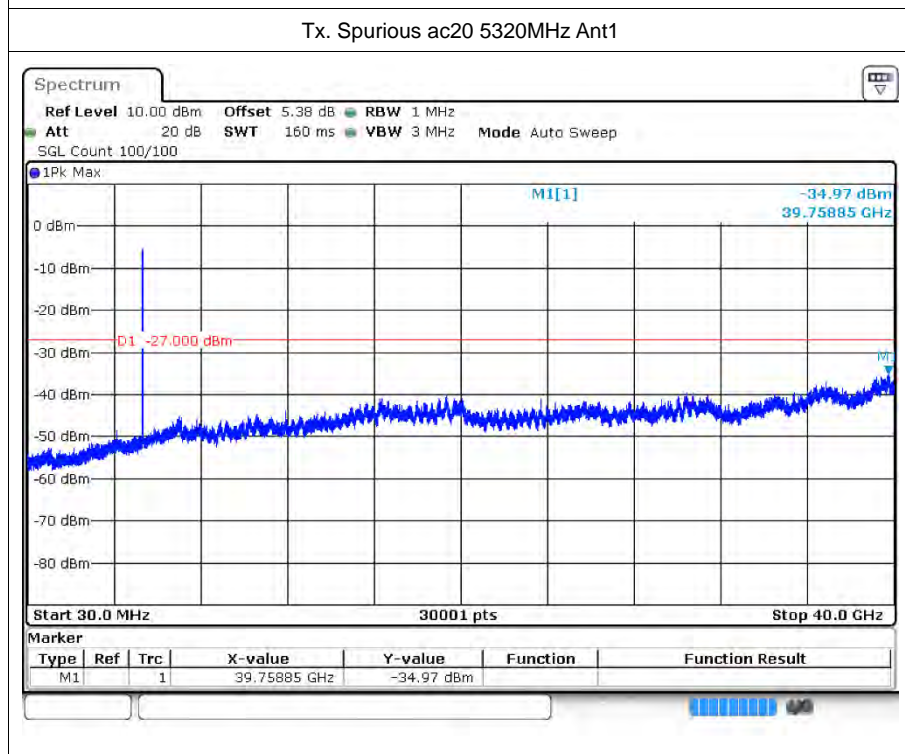
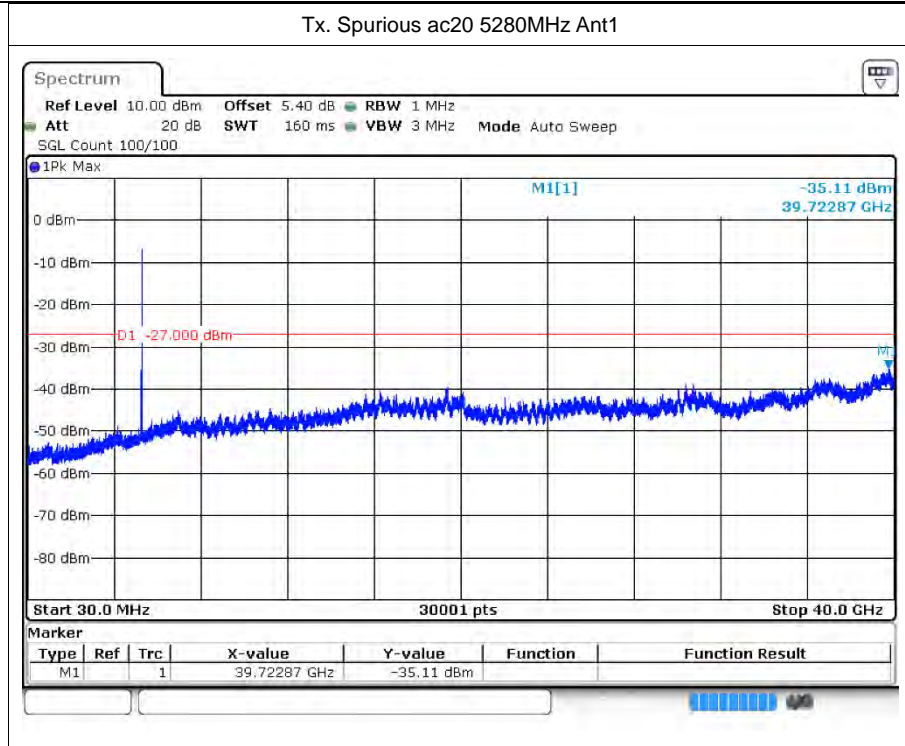
Tx. Spurious n40 5310MHz Ant1





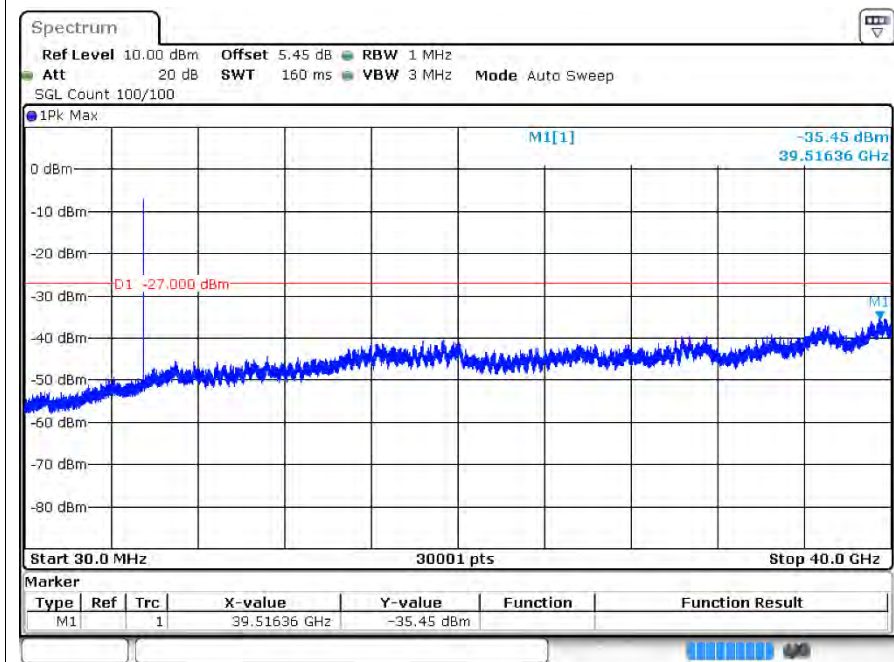




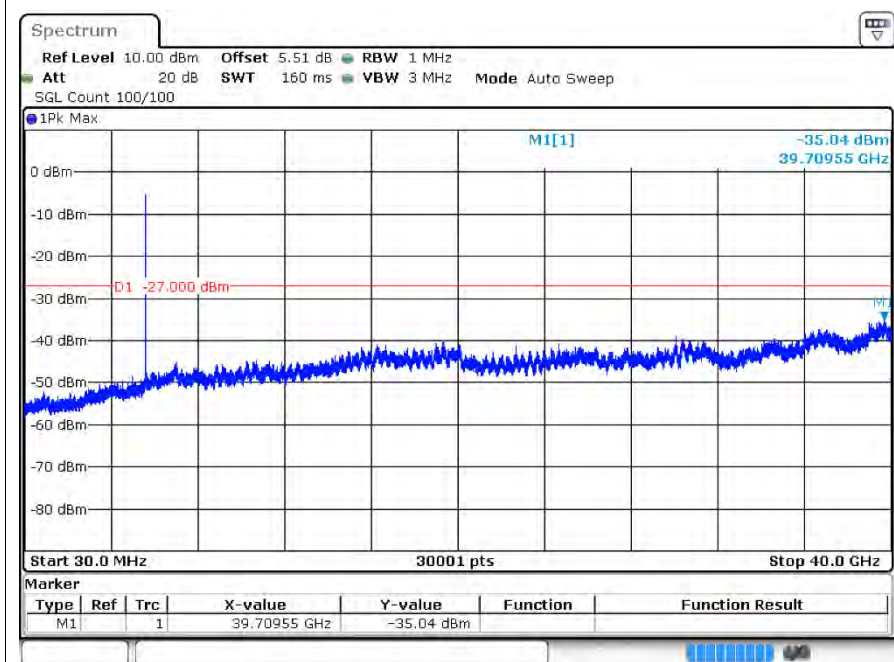


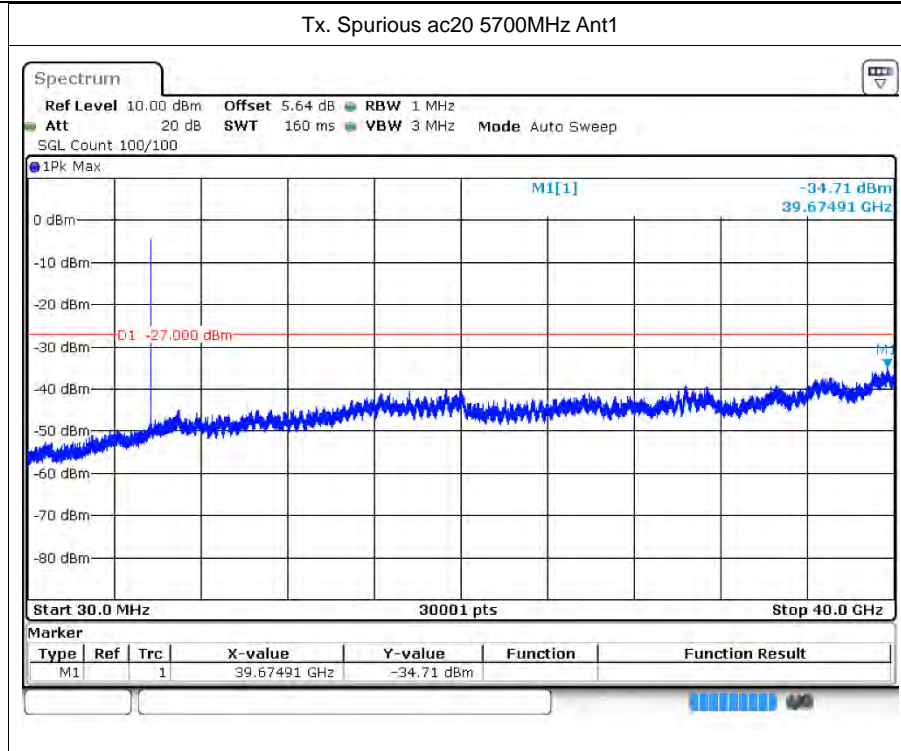


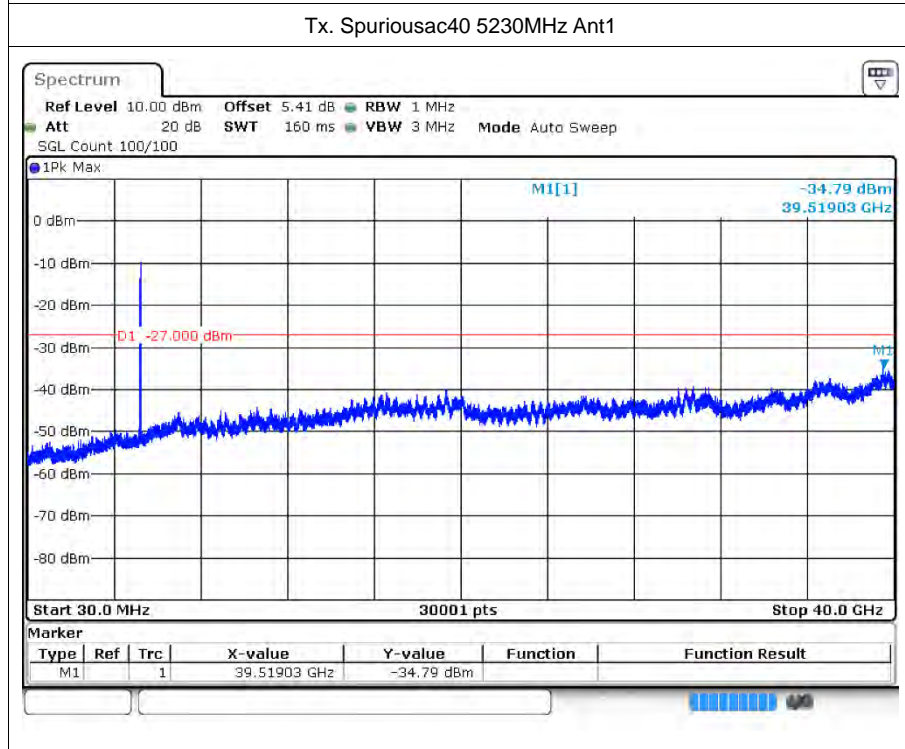
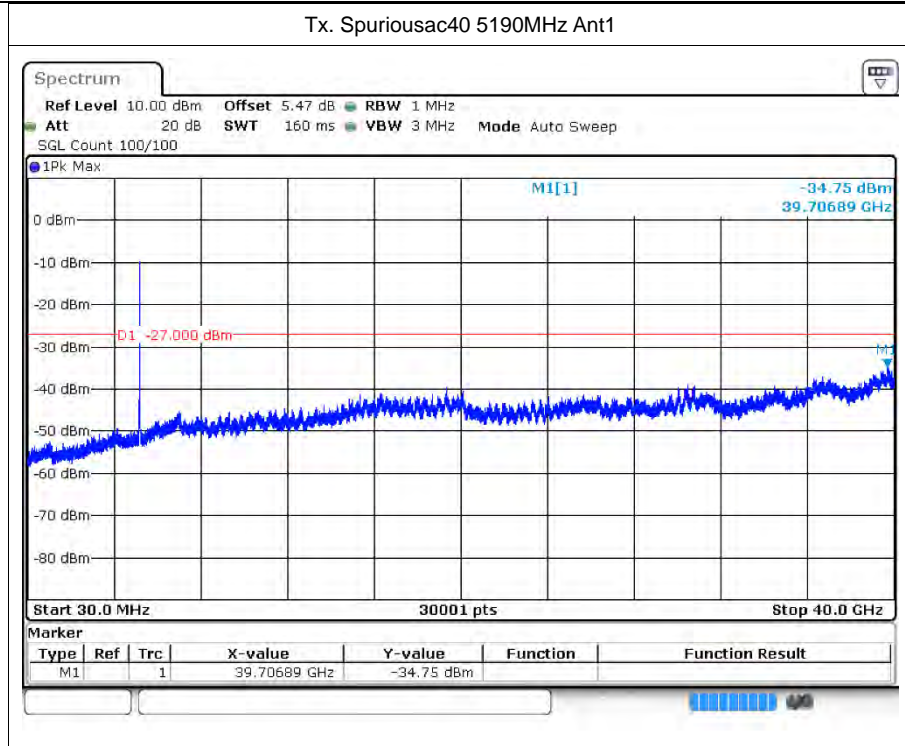
Tx. Spurious ac20 5500MHz Ant1



Tx. Spurious ac20 5600MHz Ant1

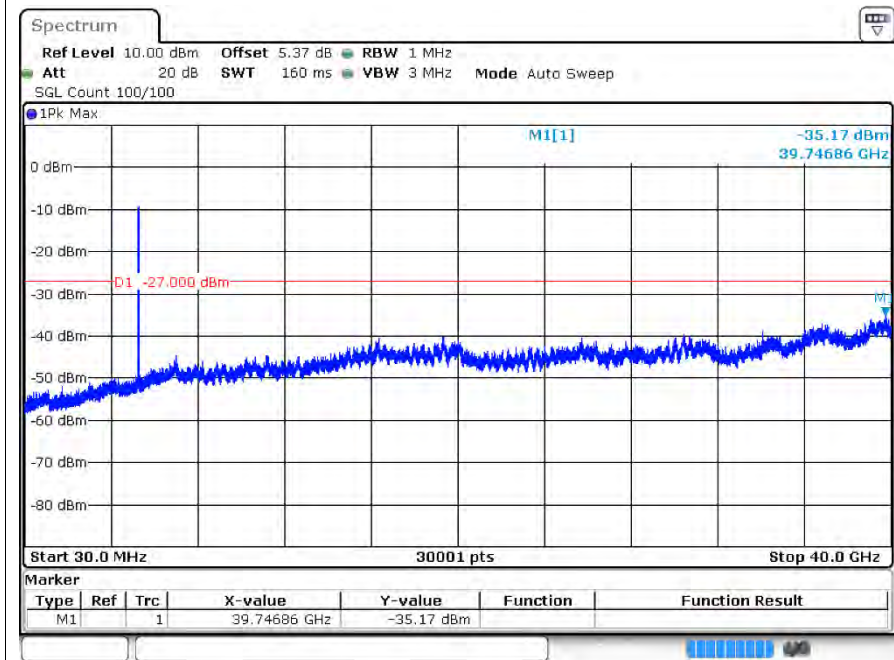




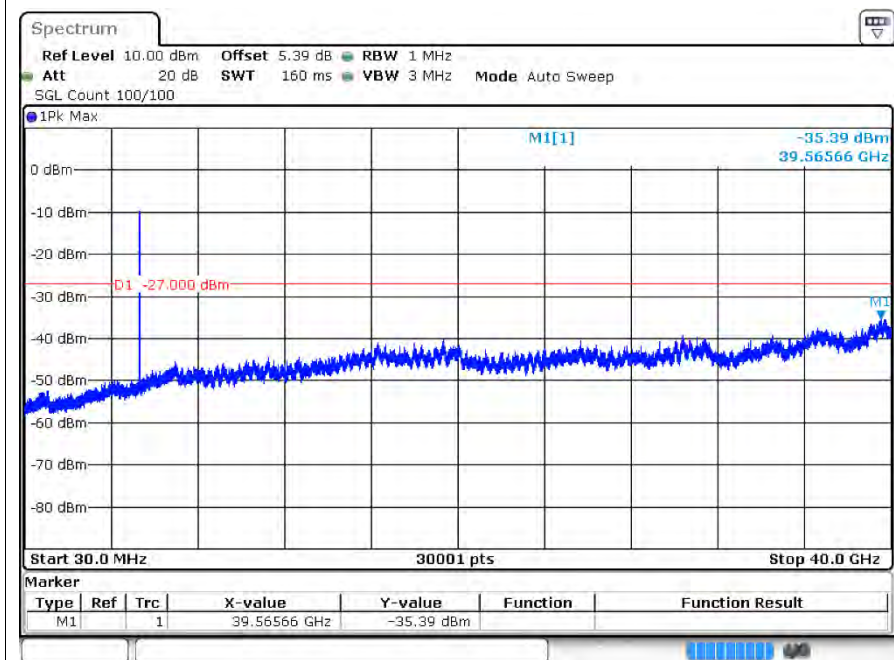


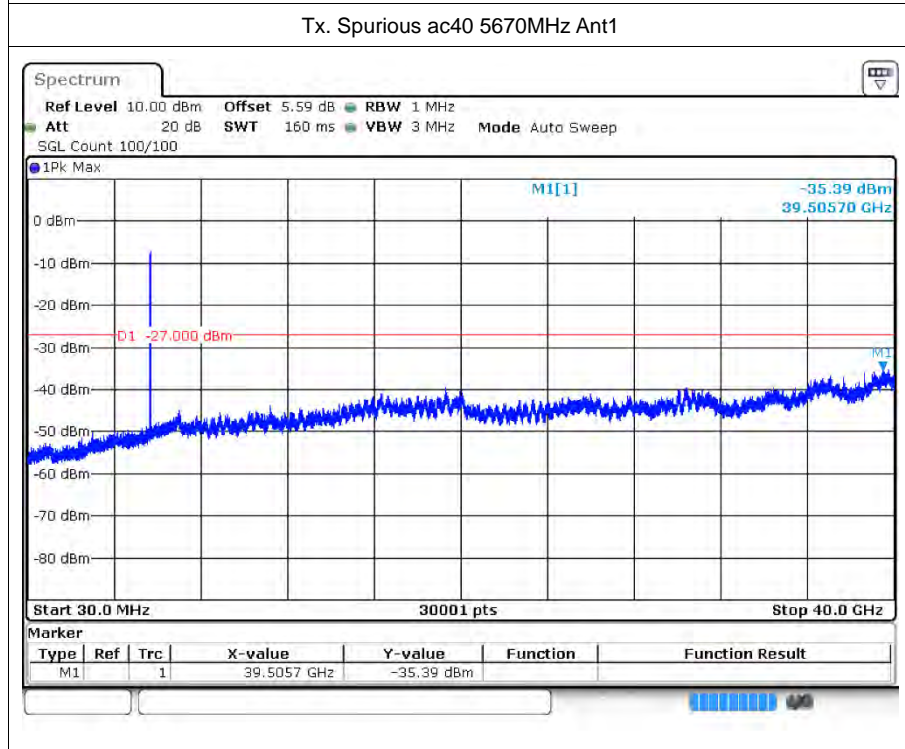
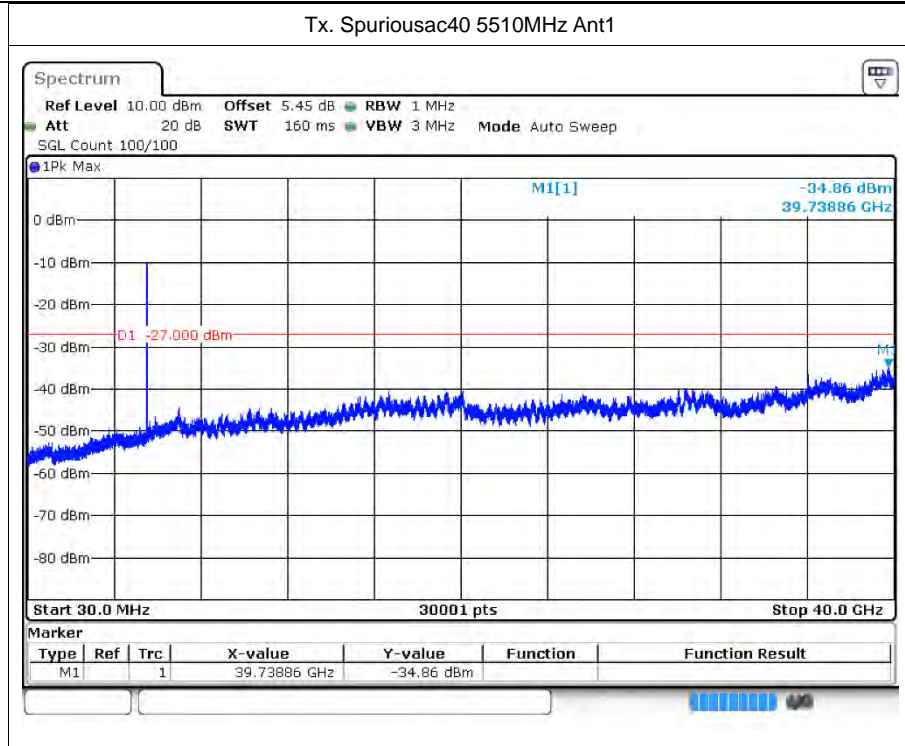


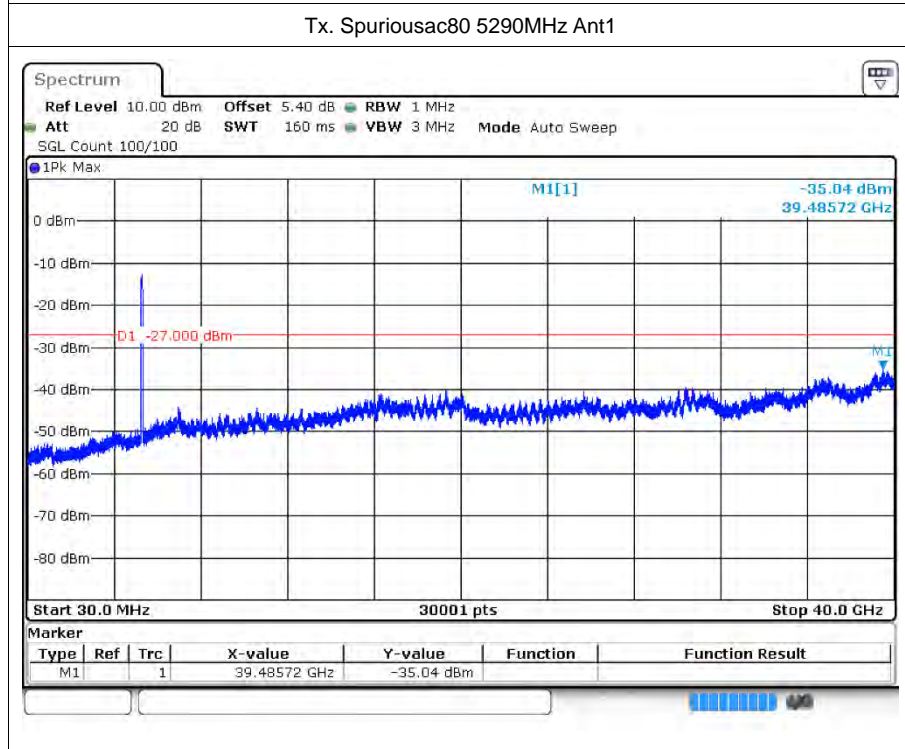
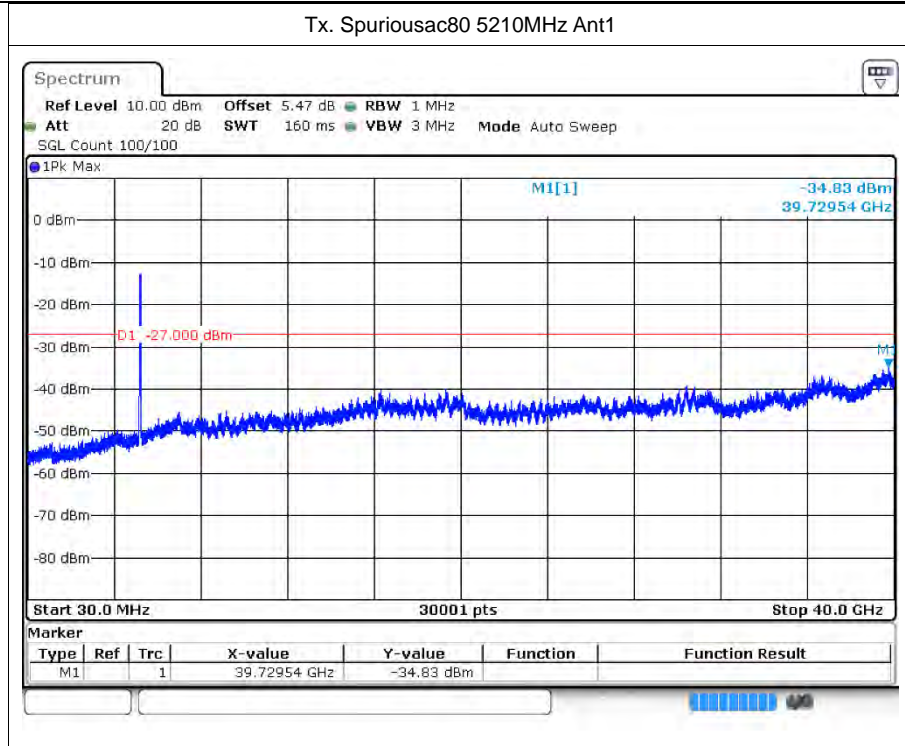
Tx. Spurious ac40 5270MHz Ant1

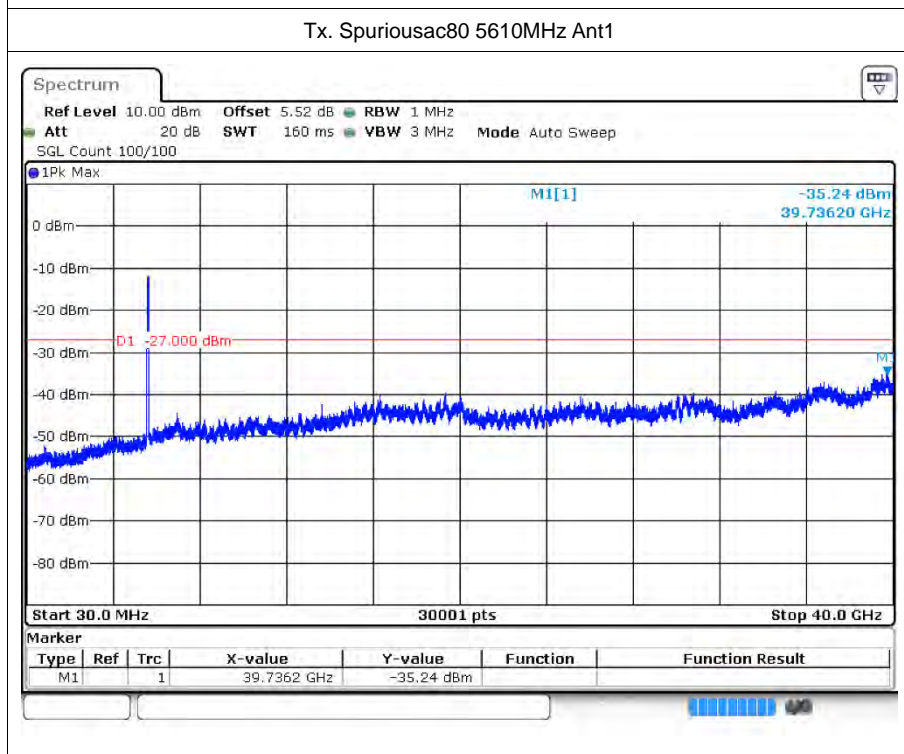
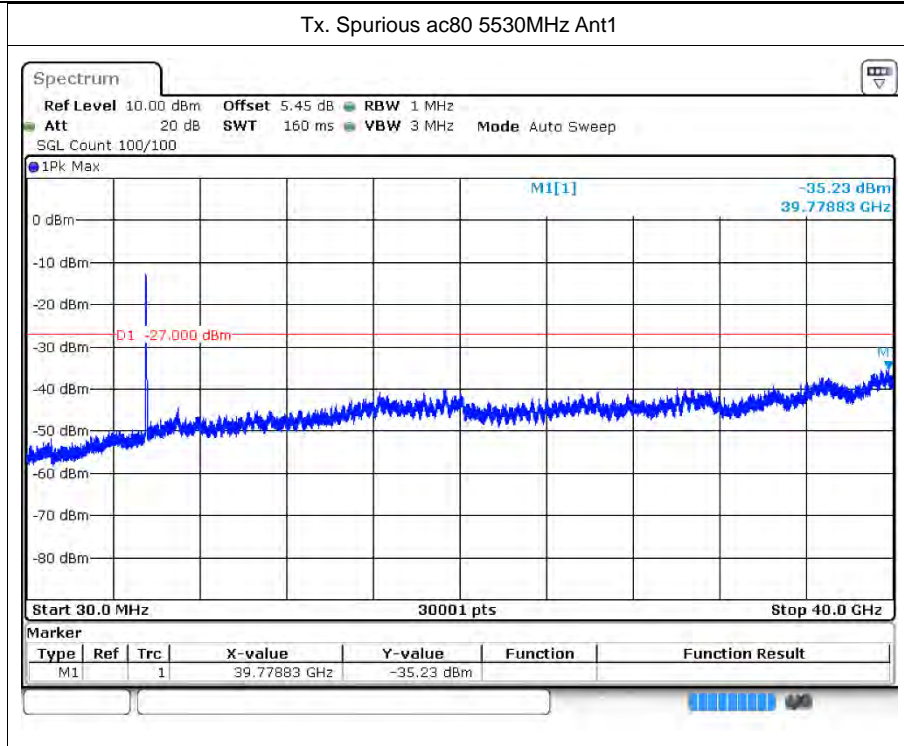


Tx. Spurious ac40 5310MHz Ant1











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	-43.69	2	53.54	Peak	68.2	Pass
a	5180	Ant1	4500	-52.97	2	44.26	Average	54	Pass
a	5180	Ant1	4982.3	-38.99	2	58.24	Peak	68.2	Pass
a	5180	Ant1	4965.5	-49.76	2	47.47	Average	54	Pass
a	5180	Ant1	5150	-43.69	2	53.54	Peak	68.2	Pass
a	5180	Ant1	5150	-51.73	2	45.5	Average	54	Pass
a	5240	Ant1	5350	-44.72	2	52.51	Peak	68.2	Pass
a	5240	Ant1	5350	-52.16	2	45.07	Average	54	Pass
a	5240	Ant1	5446.8	-40.55	2	56.68	Peak	68.2	Pass
a	5240	Ant1	5447.28	-49.85	2	47.38	Average	54	Pass
a	5240	Ant1	5460	-42.47	2	54.76	Peak	68.2	Pass
a	5240	Ant1	5460	-51.95	2	45.28	Average	54	Pass
a	5260	Ant1	4500	-44.14	2	53.09	Peak	68.2	Pass
a	5260	Ant1	4500	-52.97	2	44.26	Average	54	Pass
a	5260	Ant1	4561.62	-40.41	2	56.82	Peak	68.2	Pass
a	5260	Ant1	5028.06	-49.92	2	47.31	Average	54	Pass
a	5260	Ant1	5150	-43.45	2	53.78	Peak	68.2	Pass
a	5260	Ant1	5150	-52.34	2	44.89	Average	54	Pass
a	5320	Ant1	5350	-42.6	2	54.63	Peak	68.2	Pass
a	5320	Ant1	5350	-52.32	2	44.91	Average	54	Pass
a	5320	Ant1	5384.6	-40.33	2	56.9	Peak	68.2	Pass
a	5320	Ant1	5448	-49.71	2	47.52	Average	54	Pass
a	5320	Ant1	5460	-46.19	2	51.04	Peak	68.2	Pass
a	5320	Ant1	5460	-51.72	2	45.51	Average	54	Pass
a	5500	Ant1	5460	-42.4	2	54.83	Peak	68.2	Pass
a	5500	Ant1	5460	-50.76	2	46.47	Average	54	Pass
a	5500	Ant1	5460.6	-40.95	2	56.28	Peak	68.2	Pass
a	5500	Ant1	5460.8	-50.51	2	46.72	Average	54	Pass
a	5500	Ant1	5470	-43.92	2	53.31	Peak	68.2	Pass
a	5500	Ant1	5470	-52.14	2	45.09	Average	54	Pass
a	5700	Ant1	5725	-52.59	2	44.64	Peak	68.2	Pass
a	5700	Ant1	5725	-60.34	2	36.89	Average	54	Pass
a	5700	Ant1	5734.2	-50.09	2	47.14	Peak	68.2	Pass
a	5700	Ant1	5734.8	-59.78	2	37.45	Average	54	Pass
a	5700	Ant1	5735	-52.66	2	44.57	Peak	68.2	Pass



a	5700	Ant1	5735	-59.91	2	37.32	Average	54	Pass
n20	5180	Ant1	4500	-44.97	2	52.26	Peak	68.2	Pass
n20	5180	Ant1	4500	-52.66	2	44.57	Average	54	Pass
n20	5180	Ant1	5025	-39.56	2	57.67	Peak	68.2	Pass
n20	5180	Ant1	4965.5	-49.44	2	47.79	Average	54	Pass
n20	5180	Ant1	5150	-41.52	2	55.71	Peak	68.2	Pass
n20	5180	Ant1	5150	-52.22	2	45.01	Average	54	Pass
n20	5240	Ant1	5350	-43.03	2	54.2	Peak	68.2	Pass
n20	5240	Ant1	5350	-52.28	2	44.95	Average	54	Pass
n20	5240	Ant1	5454.72	-40.71	2	56.52	Peak	68.2	Pass
n20	5240	Ant1	5447.04	-49.92	2	47.31	Average	54	Pass
n20	5240	Ant1	5460	-41.79	2	55.44	Peak	68.2	Pass
n20	5240	Ant1	5460	-51.49	2	45.74	Average	54	Pass
n20	5260	Ant1	4500	-43.12	2	54.11	Peak	68.2	Pass
n20	5260	Ant1	4500	-52.93	2	44.3	Average	54	Pass
n20	5260	Ant1	4927.44	-40.68	2	56.55	Peak	68.2	Pass
n20	5260	Ant1	5028.06	-50	2	47.23	Average	54	Pass
n20	5260	Ant1	5150	-42.94	2	54.29	Peak	68.2	Pass
n20	5260	Ant1	5150	-52.19	2	45.04	Average	54	Pass
n20	5320	Ant1	5350	-43.38	2	53.85	Peak	68.2	Pass
n20	5320	Ant1	5350	-51.88	2	45.35	Average	54	Pass
n20	5320	Ant1	5435.8	-40.16	2	57.07	Peak	68.2	Pass
n20	5320	Ant1	5449.8	-49.98	2	47.25	Average	54	Pass
n20	5320	Ant1	5460	-44.07	2	53.16	Peak	68.2	Pass
n20	5320	Ant1	5460	-52.03	2	45.2	Average	54	Pass
n20	5500	Ant1	5460	-43.59	2	53.64	Peak	68.2	Pass
n20	5500	Ant1	5460	-50.59	2	46.64	Average	54	Pass
n20	5500	Ant1	5463.4	-40.97	2	56.26	Peak	68.2	Pass
n20	5500	Ant1	5461	-49.99	2	47.24	Average	54	Pass
n20	5500	Ant1	5470	-44.65	2	52.58	Peak	68.2	Pass
n20	5500	Ant1	5470	-51.71	2	45.52	Average	54	Pass
n20	5700	Ant1	5725	-43.01	2	54.22	Peak	68.2	Pass
n20	5700	Ant1	5725	-50.7	2	46.53	Average	54	Pass
n20	5700	Ant1	5730.8	-40.99	2	56.24	Peak	68.2	Pass
n20	5700	Ant1	5731.4	-50.06	2	47.17	Average	54	Pass
n20	5700	Ant1	5735	-43.11	2	54.12	Peak	68.2	Pass
n20	5700	Ant1	5735	-50.74	2	46.49	Average	54	Pass
n40	5190	Ant1	4500	-43.35	2	53.88	Peak	68.2	Pass
n40	5190	Ant1	4500	-52.75	2	44.48	Average	54	Pass
n40	5190	Ant1	4998.59	-40.85	2	56.38	Peak	68.2	Pass
n40	5190	Ant1	4970.12	-49.85	2	47.38	Average	54	Pass
n40	5190	Ant1	5150	-43.64	2	53.59	Peak	68.2	Pass
n40	5190	Ant1	5150	-52.34	2	44.89	Average	54	Pass



n40	5230	Ant1	5350	-44.91	2	52.32	Peak	68.2	Pass
n40	5230	Ant1	5350	-51.97	2	45.26	Average	54	Pass
n40	5230	Ant1	5459.73	-39.5	2	57.73	Peak	68.2	Pass
n40	5230	Ant1	5447.58	-49.33	2	47.9	Average	54	Pass
n40	5230	Ant1	5460	-39.71	2	57.52	Peak	68.2	Pass
n40	5230	Ant1	5460	-51.23	2	46	Average	54	Pass
n40	5270	Ant1	4500	-42.06	2	55.17	Peak	68.2	Pass
n40	5270	Ant1	4500	-52.5	2	44.73	Average	54	Pass
n40	5270	Ant1	5019.21	-40.61	2	56.62	Peak	68.2	Pass
n40	5270	Ant1	4961.7	-49.77	2	47.46	Average	54	Pass
n40	5270	Ant1	5150	-43.98	2	53.25	Peak	68.2	Pass
n40	5270	Ant1	5150	-52.29	2	44.94	Average	54	Pass
n40	5310	Ant1	5350	-44.77	2	52.46	Peak	68.2	Pass
n40	5310	Ant1	5350	-52.2	2	45.03	Average	54	Pass
n40	5310	Ant1	5425	-41.22	2	56.01	Peak	68.2	Pass
n40	5310	Ant1	5424.4	-50.66	2	46.57	Average	54	Pass
n40	5310	Ant1	5460	-42.76	2	54.47	Peak	68.2	Pass
n40	5310	Ant1	5460	-51.34	2	45.89	Average	54	Pass
n40	5510	Ant1	5460	-45.13	2	52.1	Peak	68.2	Pass
n40	5510	Ant1	5460	-51.87	2	45.36	Average	54	Pass
n40	5510	Ant1	5461	-41.89	2	55.34	Peak	68.2	Pass
n40	5510	Ant1	-51.53	-51.53	2	45.7	Average	54	Pass
n40	5510	Ant1	5470	-46.04	2	51.19	Peak	68.2	Pass
n40	5510	Ant1	5470	-52.3	2	44.93	Average	54	Pass
n40	5670	Ant1	5725	-42.63	2	54.6	Peak	68.2	Pass
n40	5670	Ant1	5725	-50.84	2	46.39	Average	54	Pass
n40	5670	Ant1	5734.8	-40.48	2	56.75	Peak	68.2	Pass
n40	5670	Ant1	5726.6	-50.47	2	46.76	Average	54	Pass
n40	5670	Ant1	-40.6	-40.6	2	56.63	Peak	68.2	Pass
n40	5670	Ant1	5735	-50.92	2	46.31	Average	54	Pass
ac20	5180	Ant1	4500	-43.77	2	53.46	Peak	68.2	Pass
ac20	5180	Ant1	4500	-52.17	2	45.06	Average	54	Pass
ac20	5180	Ant1	4934.7	-40.1	2	57.13	Peak	68.2	Pass
ac20	5180	Ant1	5034.1	-49.58	2	47.65	Average	54	Pass
ac20	5180	Ant1	5150	-44.59	2	52.64	Peak	68.2	Pass
ac20	5180	Ant1	5150	-51.39	2	45.84	Average	54	Pass
ac20	5240	Ant1	5350	-43.2	2	54.03	Peak	68.2	Pass
ac20	5240	Ant1	5350	-51.6	2	45.63	Average	54	Pass
ac20	5240	Ant1	5446.8	-40.55	2	56.68	Peak	68.2	Pass
ac20	5240	Ant1	5447.76	-50.06	2	47.17	Average	54	Pass
ac20	5240	Ant1	5460	-44.44	2	52.79	Peak	68.2	Pass
ac20	5240	Ant1	5460	-51.86	2	45.37	Average	54	Pass
ac20	5260	Ant1	4500	-44.07	2	53.16	Peak	68.2	Pass

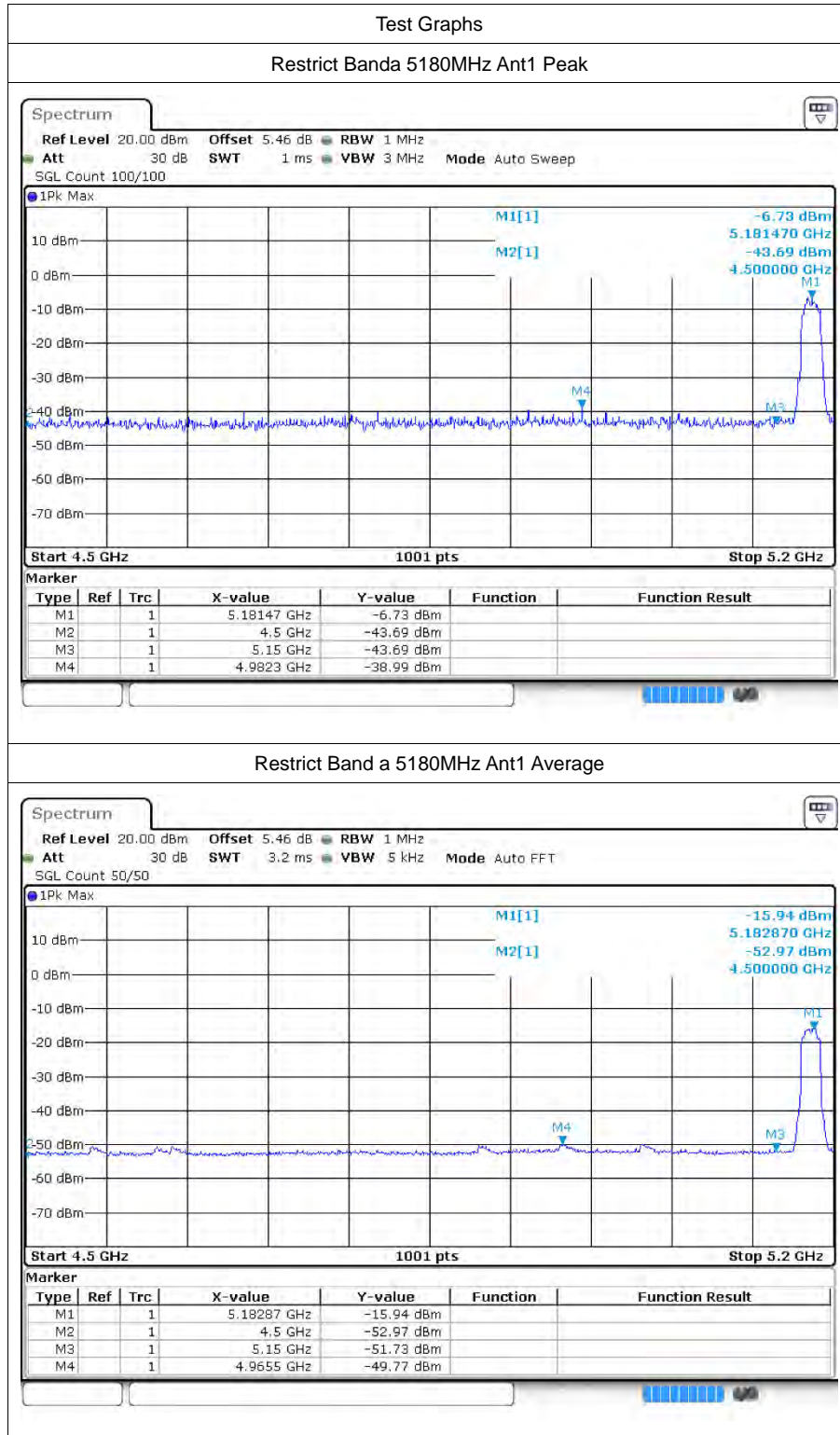


ac20	5260	Ant1	4500	-52.75	2	44.48	Average	54	Pass
ac20	5260	Ant1	4632.6	-40.26	2	56.97	Peak	68.2	Pass
ac20	5260	Ant1	5026.5	-49.5	2	47.73	Average	54	Pass
ac20	5260	Ant1	5150	-43.81	2	53.42	Peak	68.2	Pass
ac20	5260	Ant1	5150	-52.42	2	44.81	Average	54	Pass
ac20	5320	Ant1	5350	-42.85	2	54.38	Peak	68.2	Pass
ac20	5320	Ant1	5350	-52.04	2	45.19	Average	54	Pass
ac20	5320	Ant1	5391.6	-40.15	2	57.08	Peak	68.2	Pass
ac20	5320	Ant1	5450.8	-49.57	2	47.66	Average	54	Pass
ac20	5320	Ant1	5460	-45.9	2	51.33	Peak	68.2	Pass
ac20	5320	Ant1	5460	-52.29	2	44.94	Average	54	Pass
ac20	5500	Ant1	5460	-41.54	2	55.69	Peak	68.2	Pass
ac20	5500	Ant1	5460	-50.23	2	47	Average	54	Pass
ac20	5500	Ant1	5460.8	-41.13	2	56.1	Peak	68.2	Pass
ac20	5500	Ant1	5460	-50.23	2	47	Average	54	Pass
ac20	5500	Ant1	5470	-42.01	2	55.22	Peak	68.2	Pass
ac20	5500	Ant1	5470	-51.93	2	45.3	Average	54	Pass
ac20	5700	Ant1	5725	-41.93	2	55.3	Peak	68.2	Pass
ac20	5700	Ant1	5725	-50.2	2	47.03	Average	54	Pass
ac20	5700	Ant1	5729.4	-41.64	2	55.59	Peak	68.2	Pass
ac20	5700	Ant1	5725	-50.2	2	47.03	Average	54	Pass
ac20	5700	Ant1	5735	-42.09	2	55.14	Peak	68.2	Pass
ac20	5700	Ant1	5735	-51.23	2	46	Average	54	Pass
ac40	5190	Ant1	4500	-45.31	2	51.92	Peak	68.2	Pass
ac40	5190	Ant1	4500	-52.25	2	44.98	Average	54	Pass
ac40	5190	Ant1	4704.4	-40.78	2	56.45	Peak	68.2	Pass
ac40	5190	Ant1	4966.47	-48.48	2	48.75	Average	54	Pass
ac40	5190	Ant1	5150	-42.62	2	54.61	Peak	68.2	Pass
ac40	5190	Ant1	5150	-51.44	2	45.79	Average	54	Pass
ac40	5230	Ant1	5350	-42.89	2	54.34	Peak	68.2	Pass
ac40	5230	Ant1	5350	-51.81	2	45.42	Average	54	Pass
ac40	5230	Ant1	5422.74	-41.2	2	56.03	Peak	68.2	Pass
ac40	5230	Ant1	5447.04	-49.36	2	47.87	Average	54	Pass
ac40	5230	Ant1	5460	-43.82	2	53.41	Peak	68.2	Pass
ac40	5230	Ant1	5460	-51.26	2	45.97	Average	54	Pass
ac40	5270	Ant1	4500	-42.89	2	54.34	Peak	68.2	Pass
ac40	5270	Ant1	4500	-52.61	2	44.62	Average	54	Pass
ac40	5270	Ant1	4878.27	-40.46	2	56.77	Peak	68.2	Pass
ac40	5270	Ant1	4894.47	-48.88	2	48.35	Average	54	Pass
ac40	5270	Ant1	5150	-43.47	2	53.76	Peak	68.2	Pass
ac40	5270	Ant1	5150	-51.37	2	45.86	Average	54	Pass
ac40	5310	Ant1	5350	-45.82	2	51.41	Peak	68.2	Pass
ac40	5310	Ant1	5350	-52.43	2	44.8	Average	54	Pass



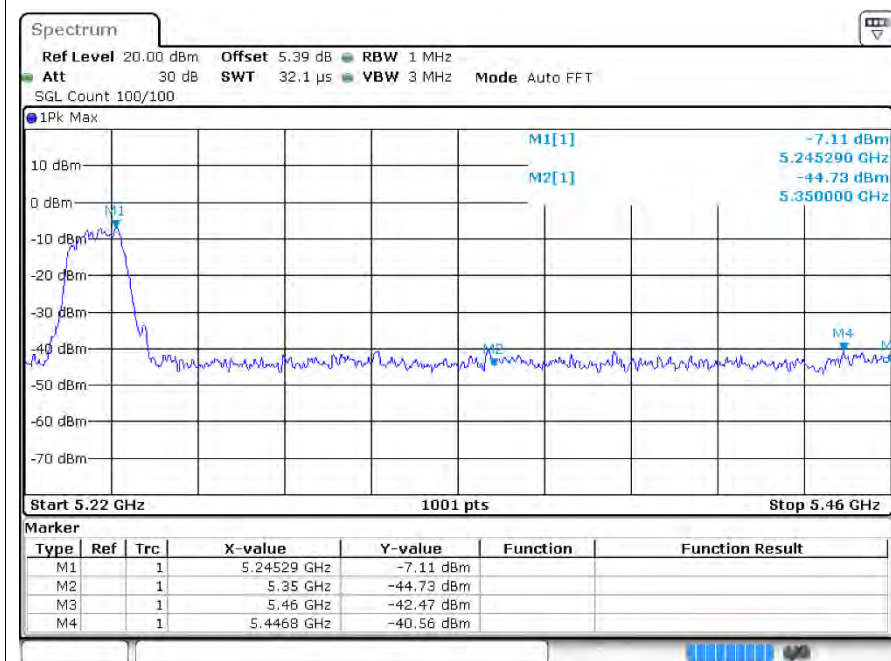
ac40	5310	Ant1	5454.6	-40.86	2	56.37	Peak	68.2	Pass
ac40	5310	Ant1	5413.8	-51.34	2	45.89	Average	54	Pass
ac40	5310	Ant1	5460	-42.86	2	54.37	Peak	68.2	Pass
ac40	5310	Ant1	5460	-52.13	2	45.1	Average	54	Pass
ac40	5510	Ant1	5460	-43.85	2	53.38	Peak	68.2	Pass
ac40	5510	Ant1	5460	-51.89	2	45.34	Average	54	Pass
ac40	5510	Ant1	5460.8	-42.91	2	54.32	Peak	68.2	Pass
ac40	5510	Ant1	-51.52	-51.52	2	45.71	Average	54	Pass
ac40	5510	Ant1	5470	-45.93	2	51.3	Peak	68.2	Pass
ac40	5510	Ant1	5470	-52.21	2	45.02	Average	54	Pass
ac40	5670	Ant1	5725	-44.02	2	53.21	Peak	68.2	Pass
ac40	5670	Ant1	5725	-51.33	2	45.9	Average	54	Pass
ac40	5670	Ant1	5733.4	-41.21	2	56.02	Peak	68.2	Pass
ac40	5670	Ant1	5734.6	-50.2	2	47.03	Average	54	Pass
ac40	5670	Ant1	-43.12	-43.12	2	54.11	Peak	68.2	Pass
ac40	5670	Ant1	5735	-50.4	2	46.83	Average	54	Pass
ac80	5210	Ant1	4500	-44.81	2	52.42	Peak	68.2	Pass
ac80	5210	Ant1	4500	-51.39	2	45.84	Average	54	Pass
ac80	5210	Ant1	4960.57	-40.42	2	56.81	Peak	68.2	Pass
ac80	5210	Ant1	4968.47	-48.55	2	48.68	Average	54	Pass
ac80	5210	Ant1	5150	-41.1	2	56.13	Peak	68.2	Pass
ac80	5210	Ant1	5150	-50.77	2	46.46	Average	54	Pass
ac80	5290	Ant1	4500	-44.31	2	52.92	Peak	68.2	Pass
ac80	5290	Ant1	4500	-51.42	2	45.81	Average	54	Pass
ac80	5290	Ant1	4981.11	-40.04	2	57.19	Peak	68.2	Pass
ac80	5290	Ant1	4964.58	-47.99	2	49.24	Average	54	Pass
ac80	5290	Ant1	5150	-41.82	2	55.41	Peak	68.2	Pass
ac80	5290	Ant1	5150	-50.4	2	46.83	Average	54	Pass
ac80	5530	Ant1	5460	-44.45	2	52.78	Peak	68.2	Pass
ac80	5530	Ant1	5460	-48.3	2	48.93	Average	54	Pass
ac80	5530	Ant1	5468.6	-41.42	2	55.81	Peak	68.2	Pass
ac80	5530	Ant1	5464.4	-46.38	2	50.85	Average	54	Pass
ac80	5530	Ant1	5470	-44.83	2	52.4	Peak	68.2	Pass
ac80	5530	Ant1	5470	-48.67	2	48.56	Average	54	Pass
ac80	5610	Ant1	5725	-43.91	2	53.32	Peak	68.2	Pass
ac80	5610	Ant1	5725	-51.14	2	46.09	Average	54	Pass
ac80	5610	Ant1	5728.44	-41.7	2	55.53	Peak	68.2	Pass
ac80	5610	Ant1	5727.005	-50.47	2	46.76	Average	54	Pass
ac80	5610	Ant1	5735	-44.16	2	53.07	Peak	68.2	Pass
ac80	5610	Ant1	5735	-50.72	2	46.51	Average	54	Pass

8.2 Test Graphs

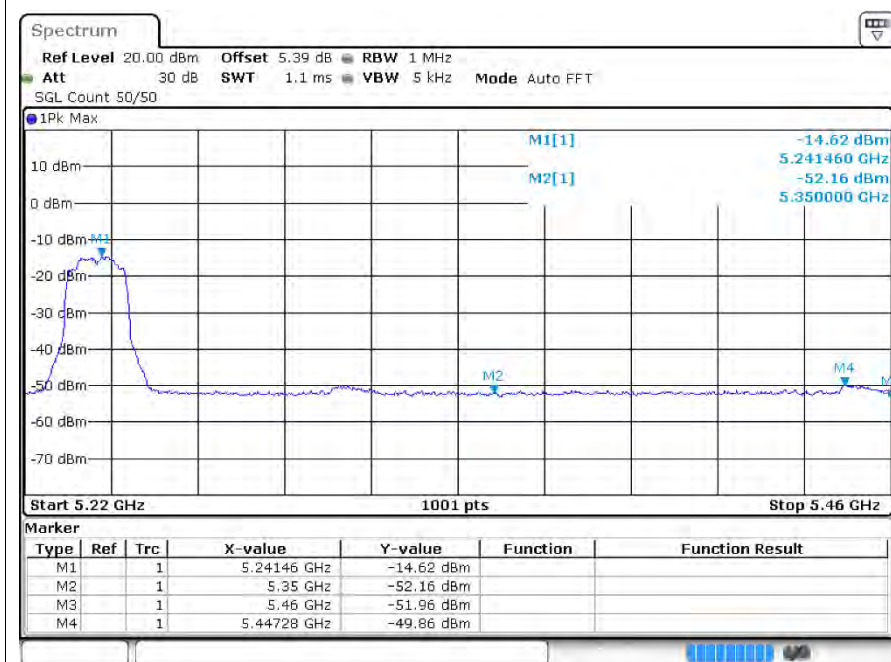




Restrict Banda 5240MHz Ant1 Peak

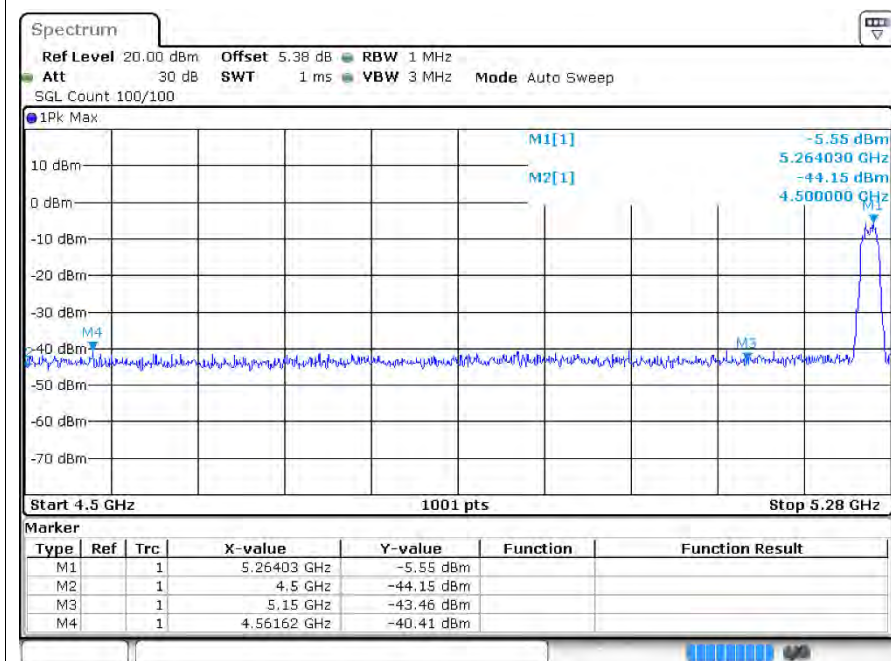


Restrict Band a 5240MHz Ant1 Average

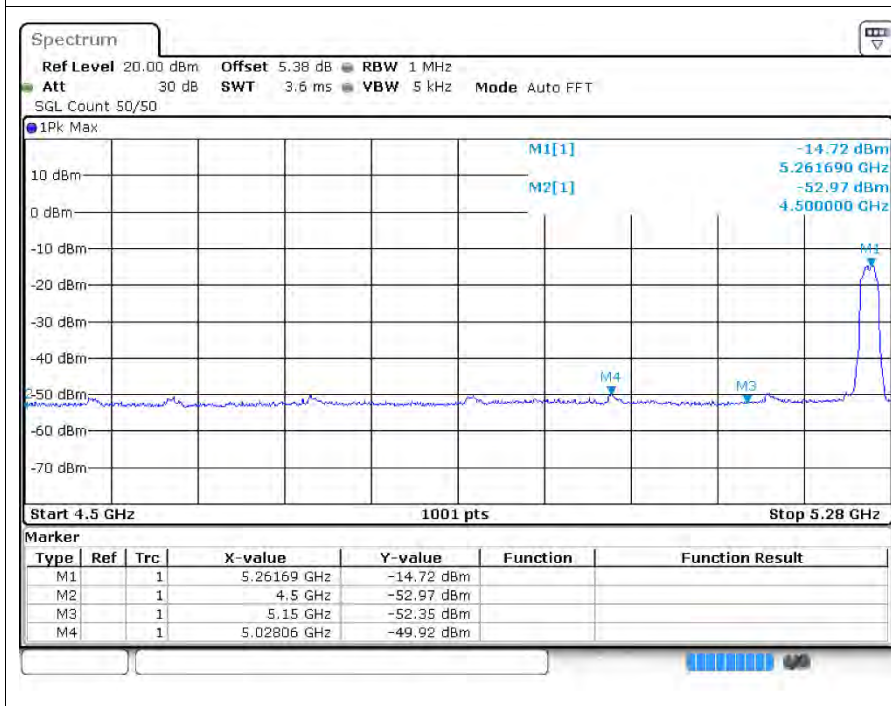


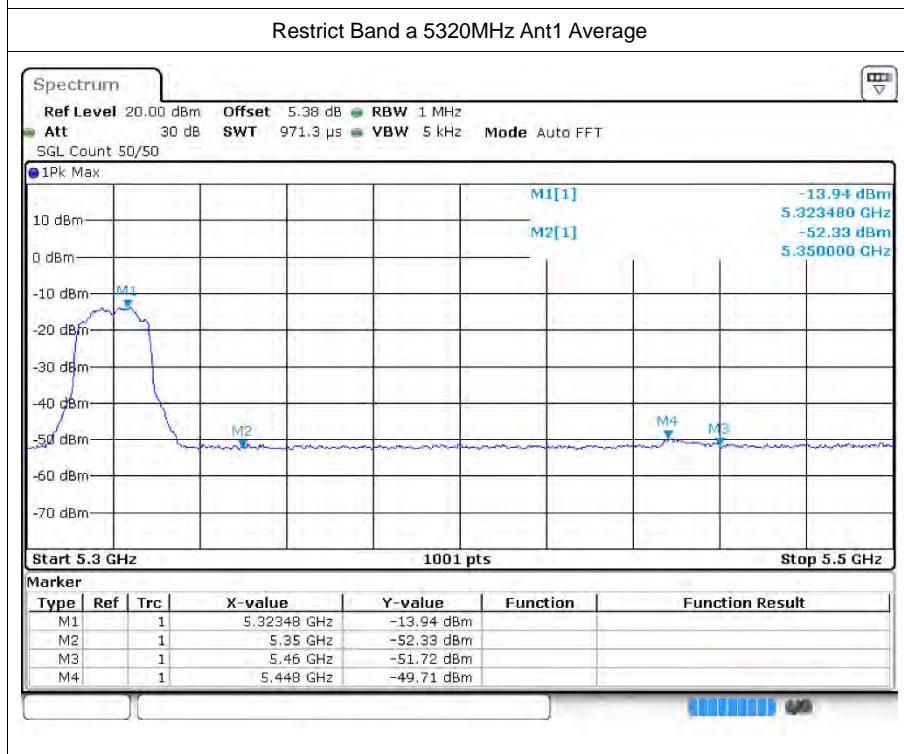
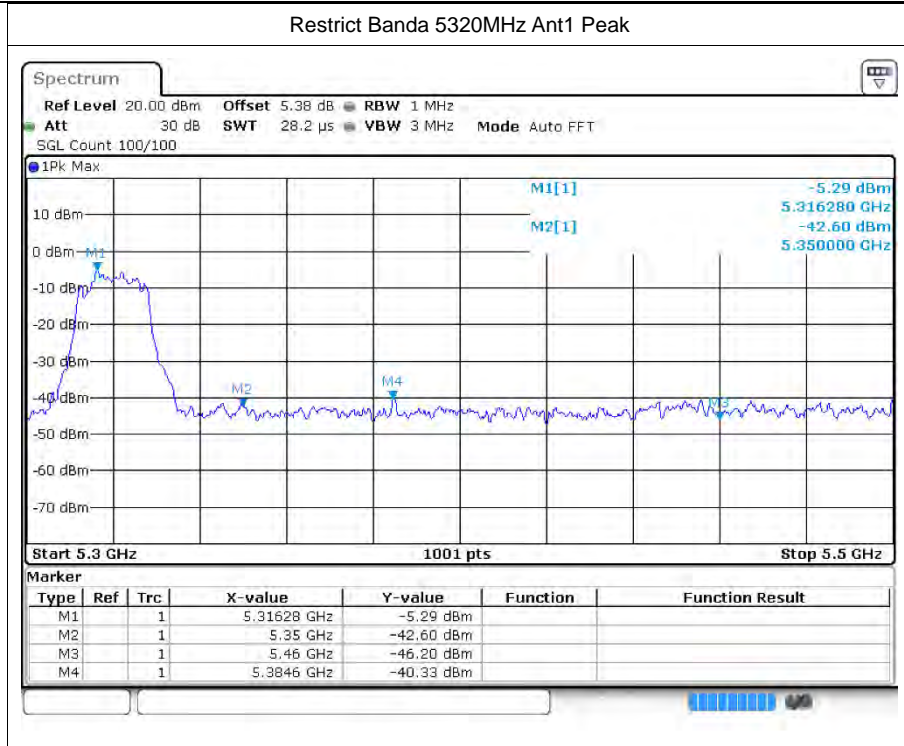


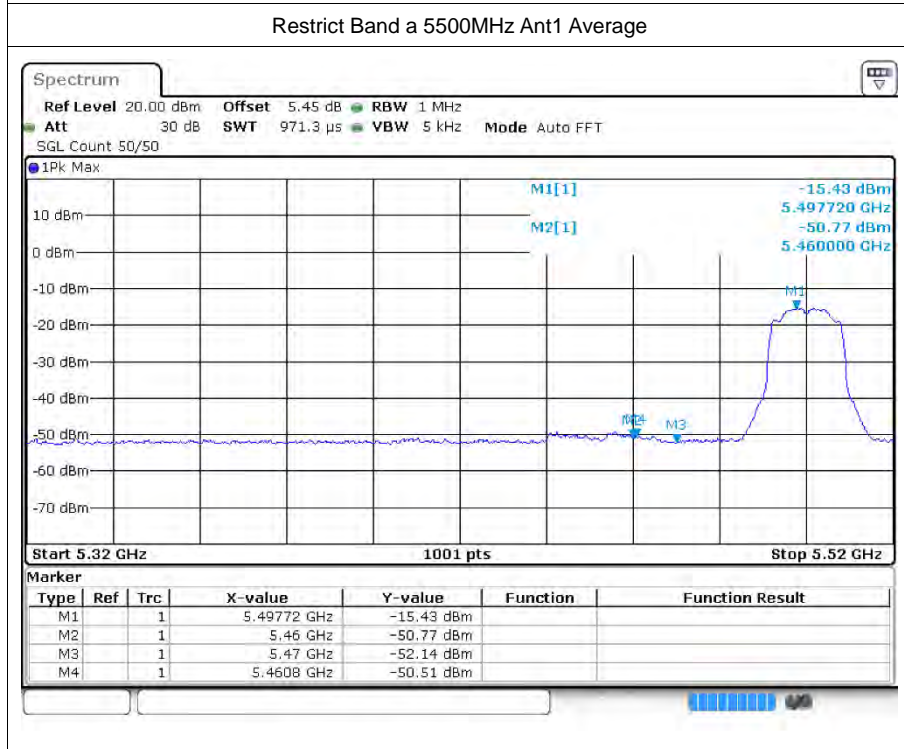
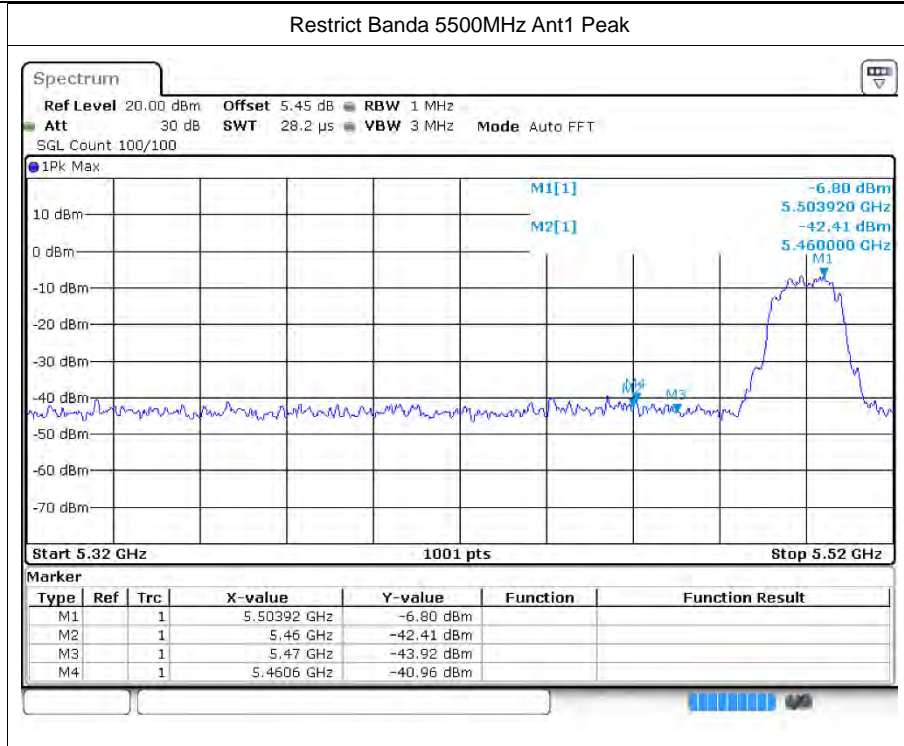
Restrict Banda 5260MHz Ant1 Peak



Restrict Band a 5260MHz Ant1 Average

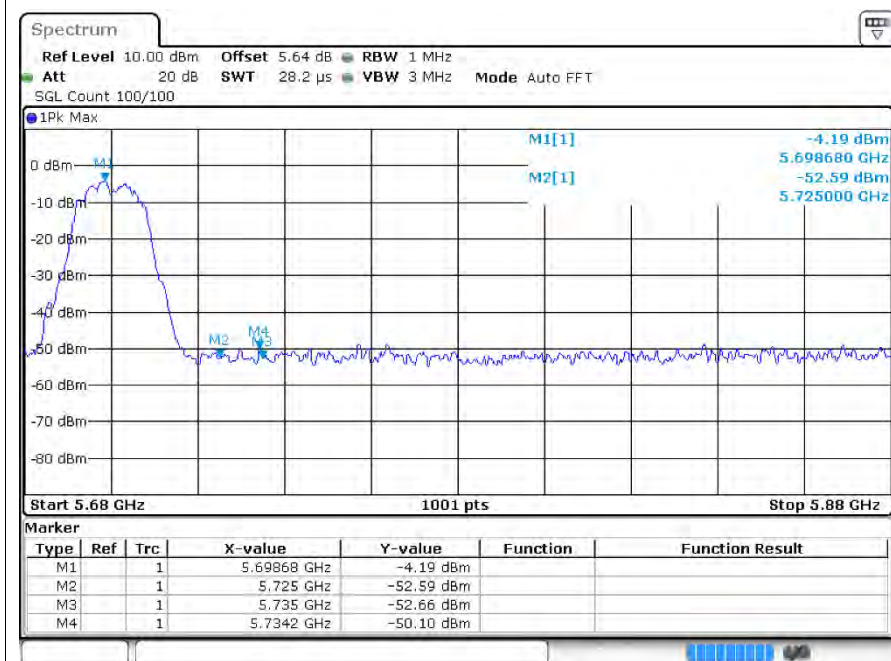




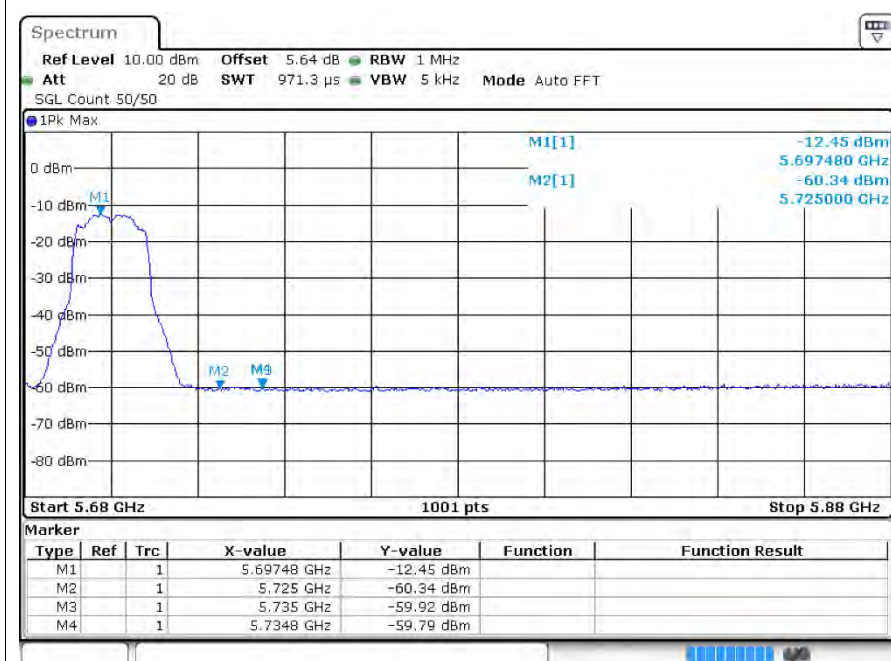




Restrict Banda 5700MHz Ant1 Peak

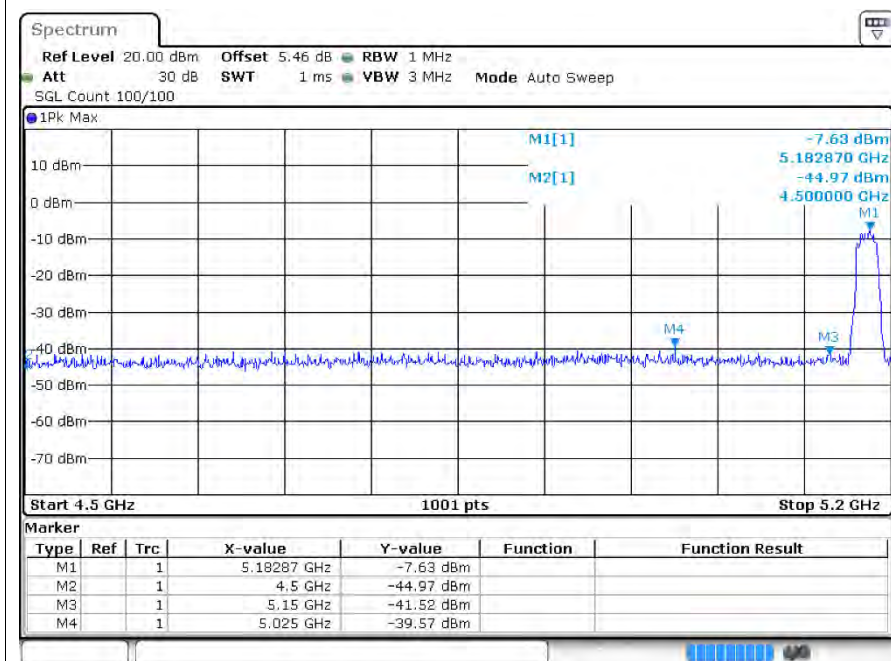


Restrict Band a 5700MHz Ant1 Average

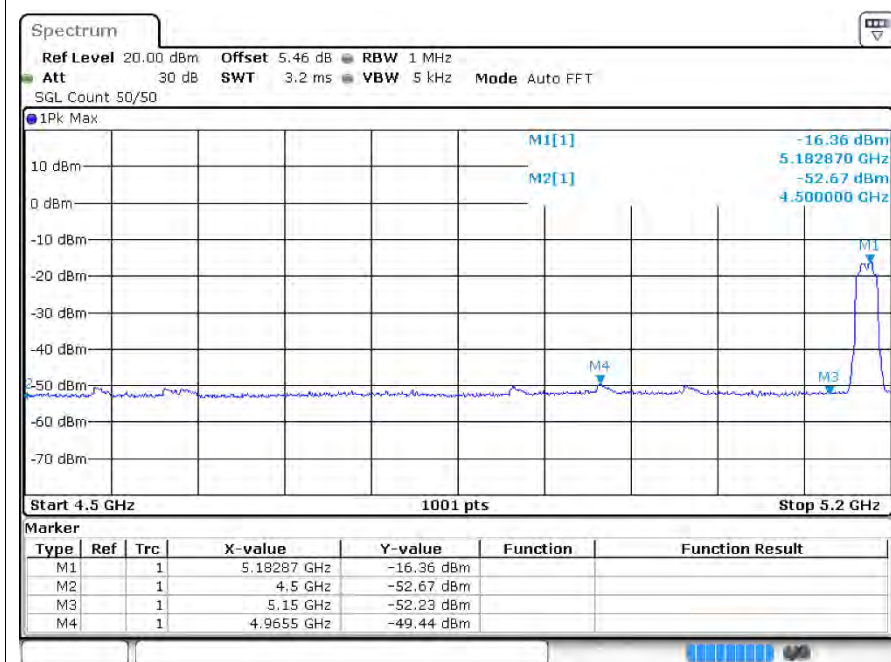


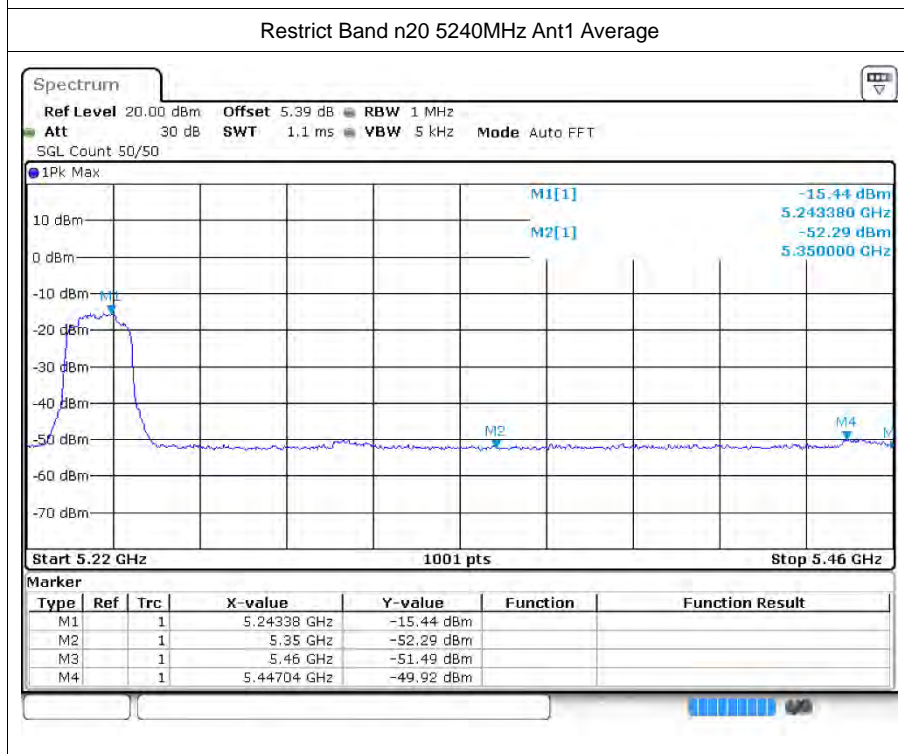
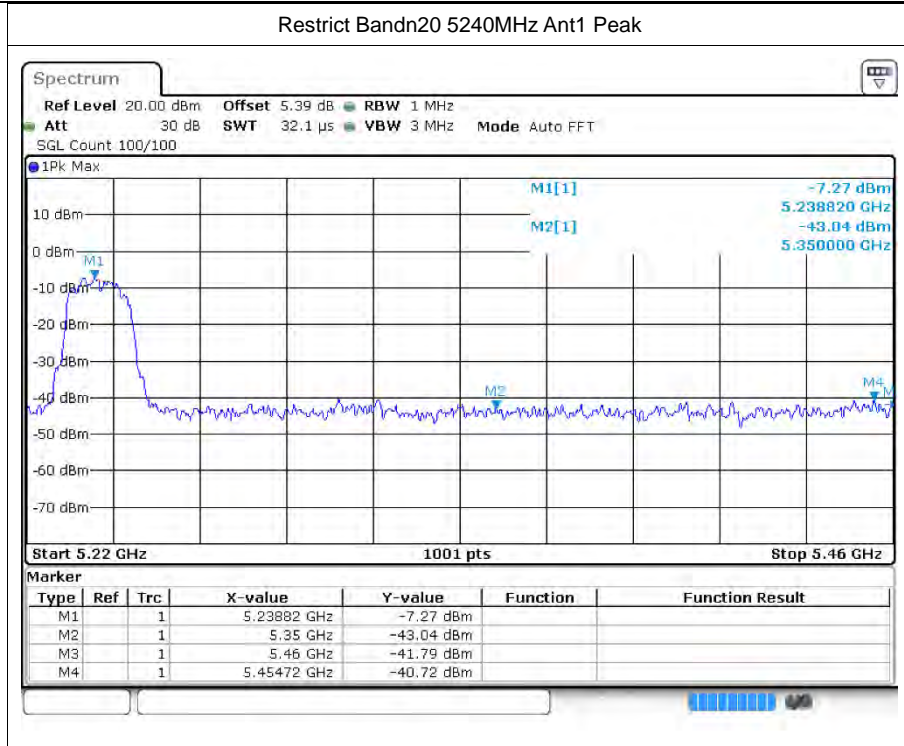


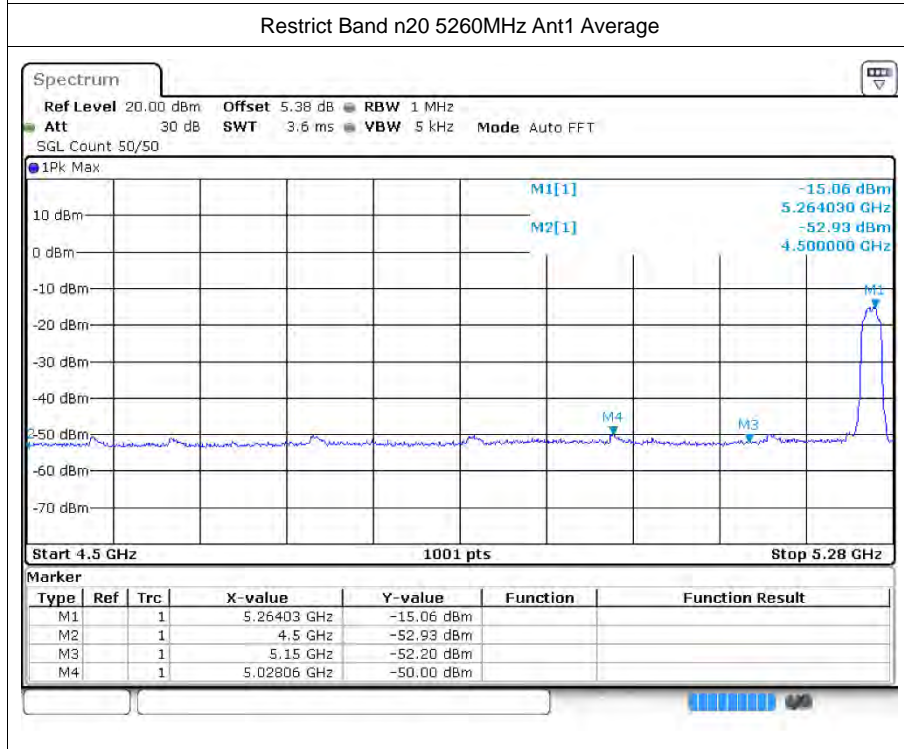
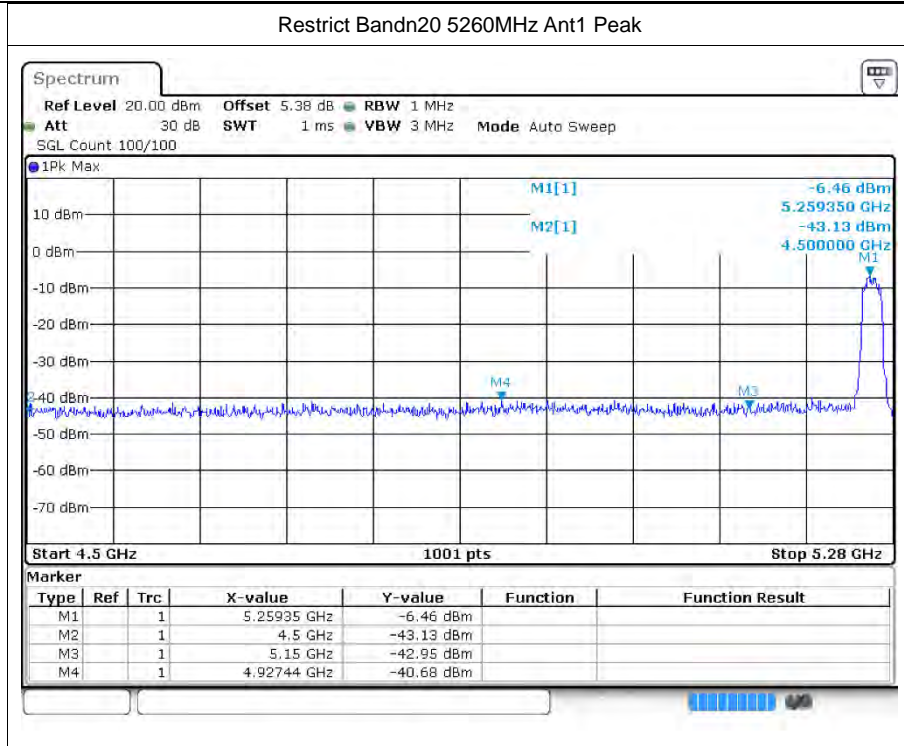
Restrict Bandn20 5180MHz Ant1 Peak

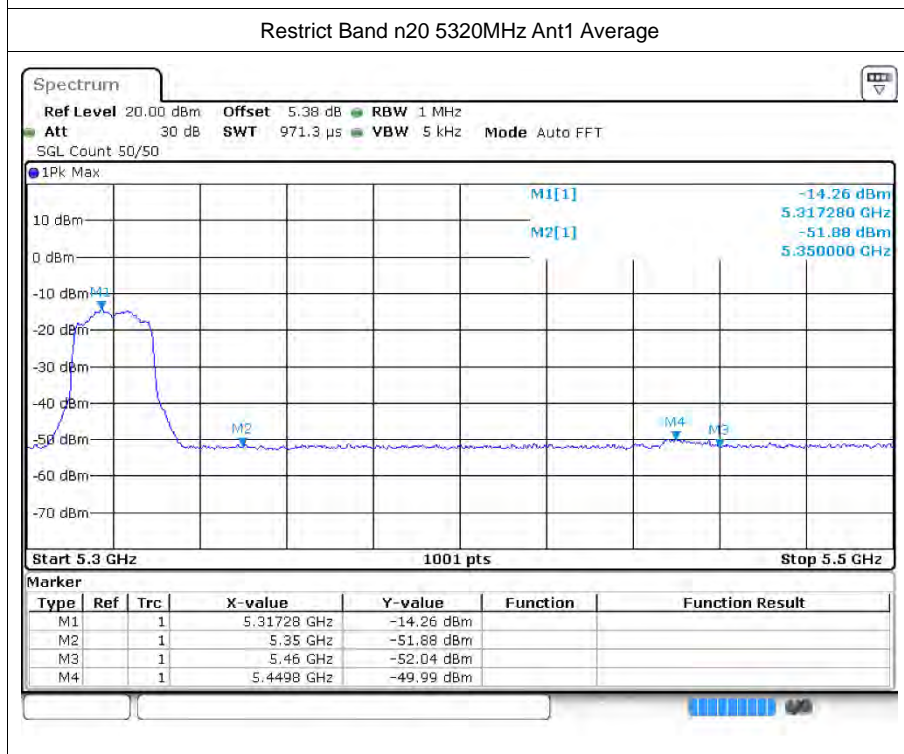
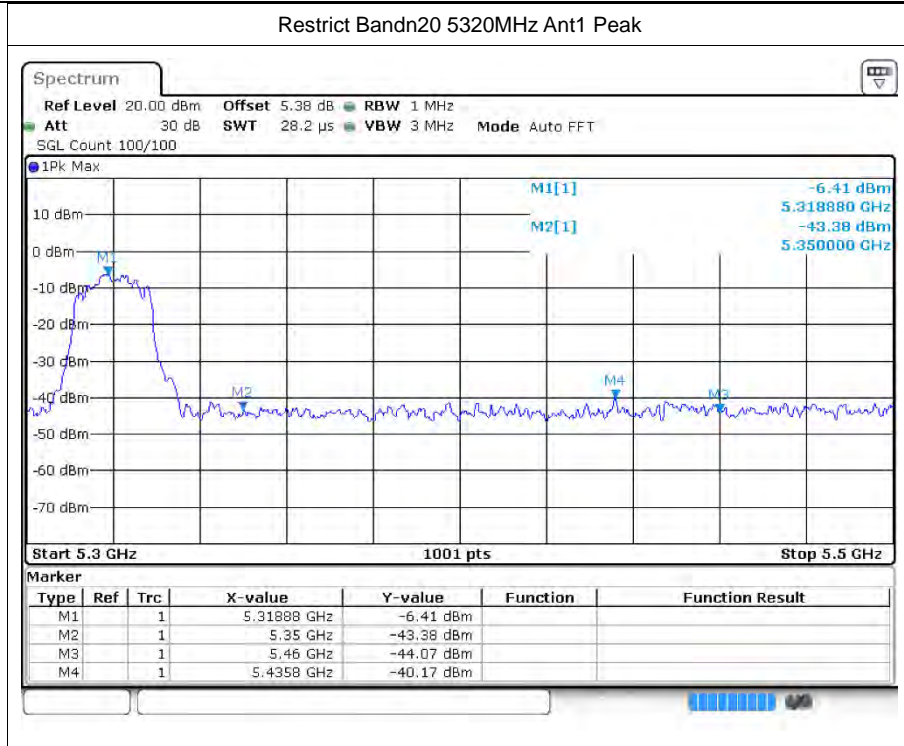


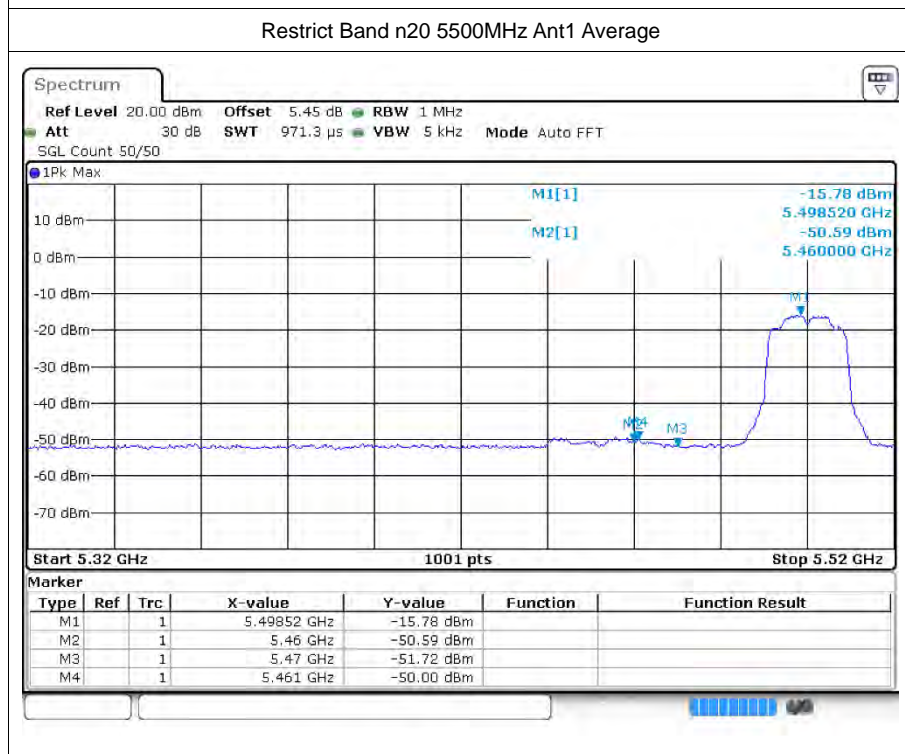
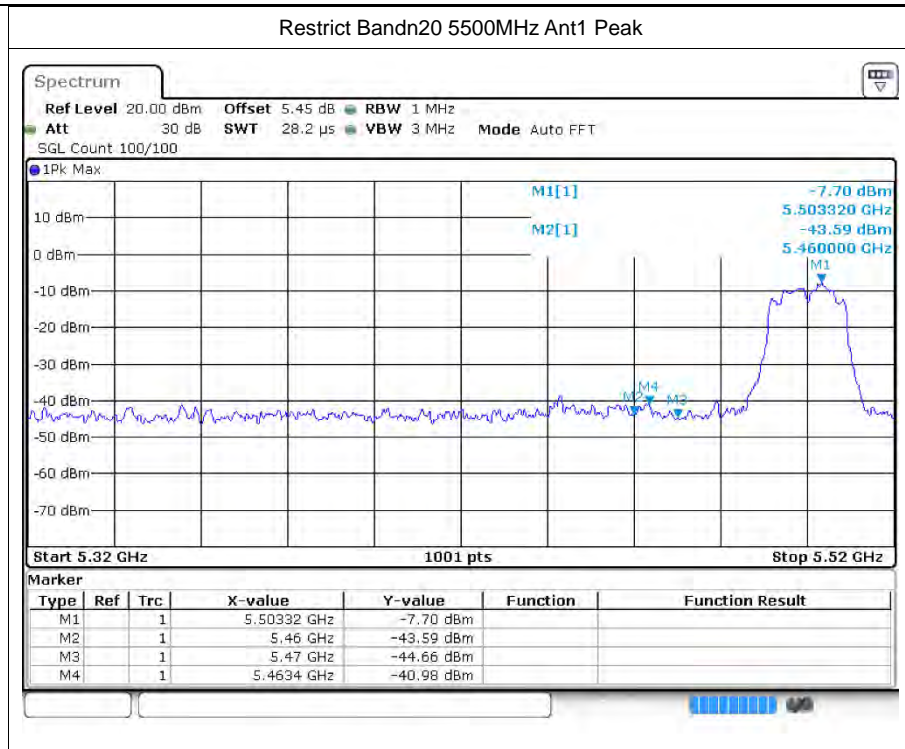
Restrict Band n20 5180MHz Ant1 Average

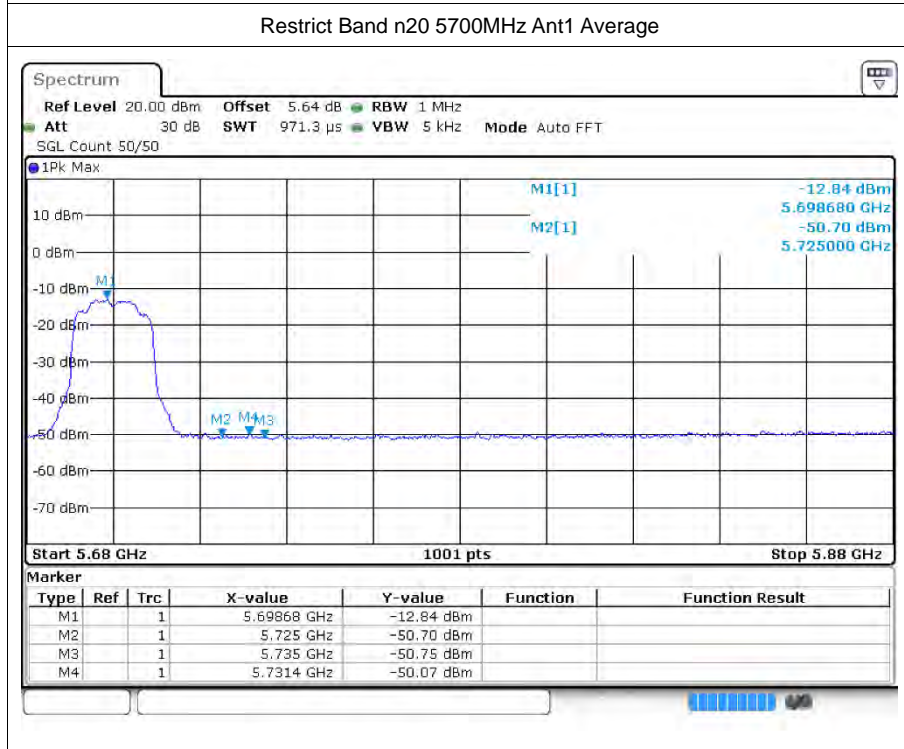
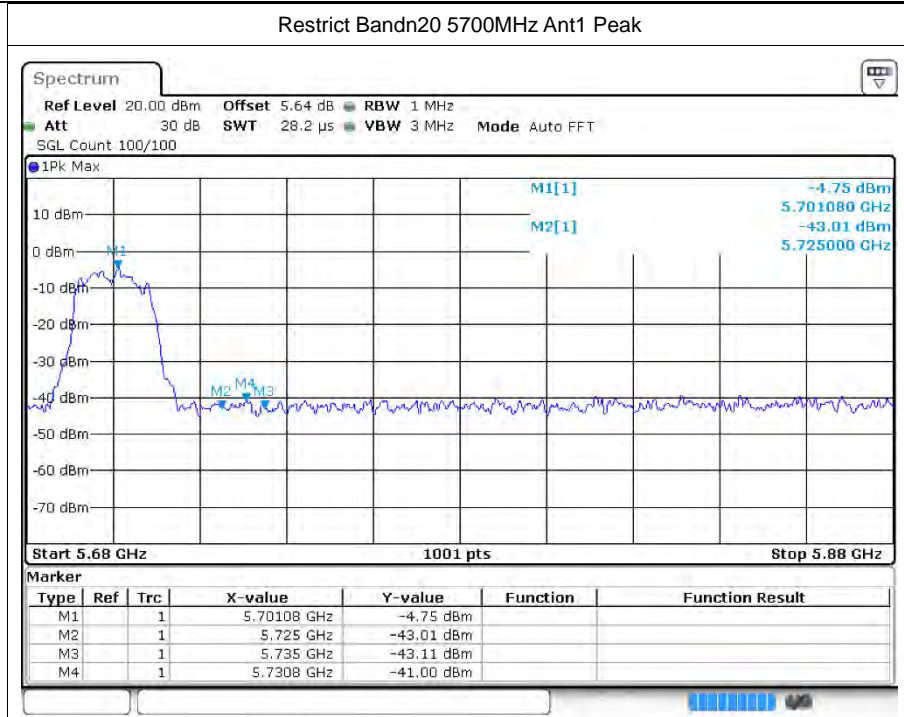


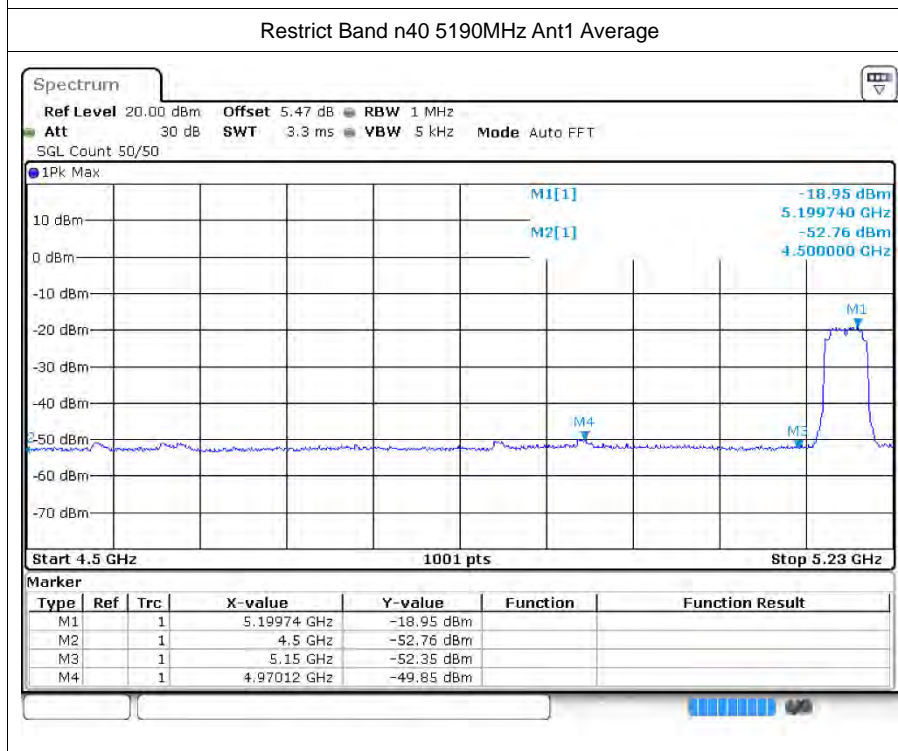
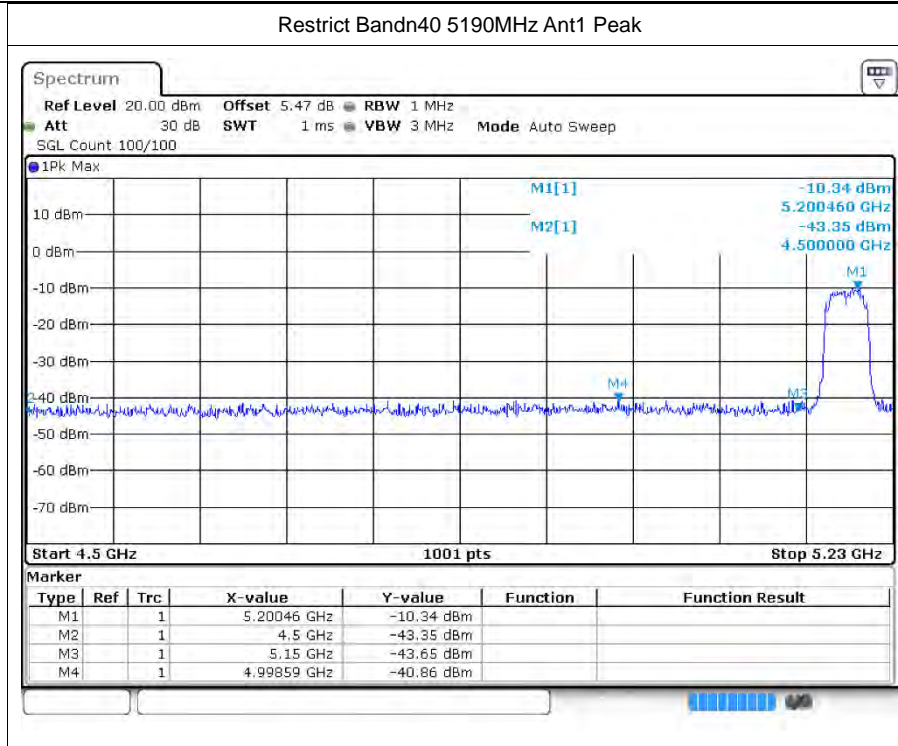


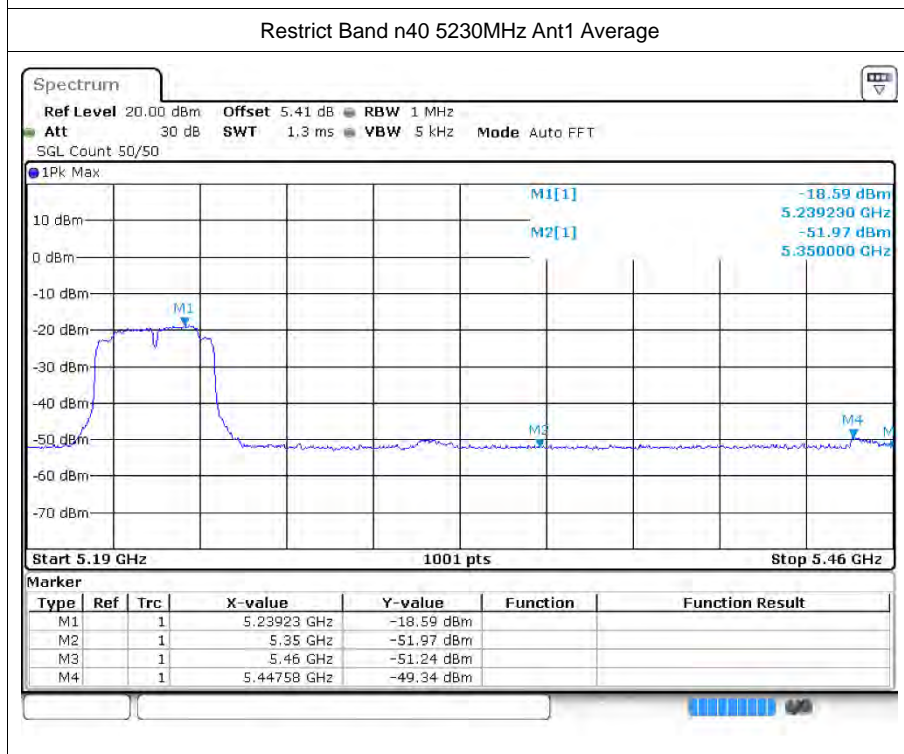
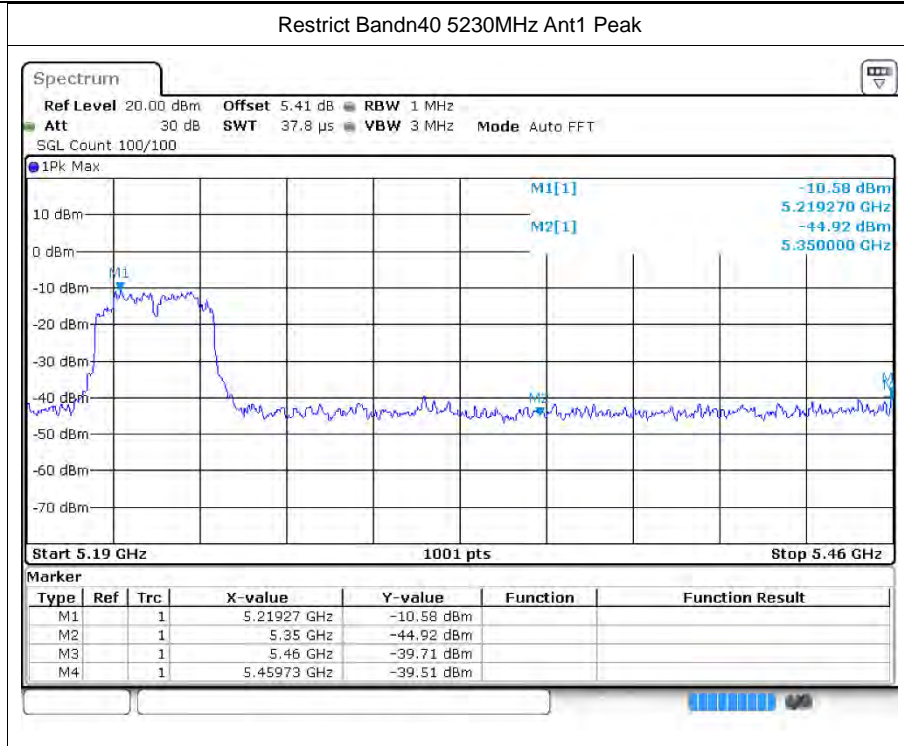






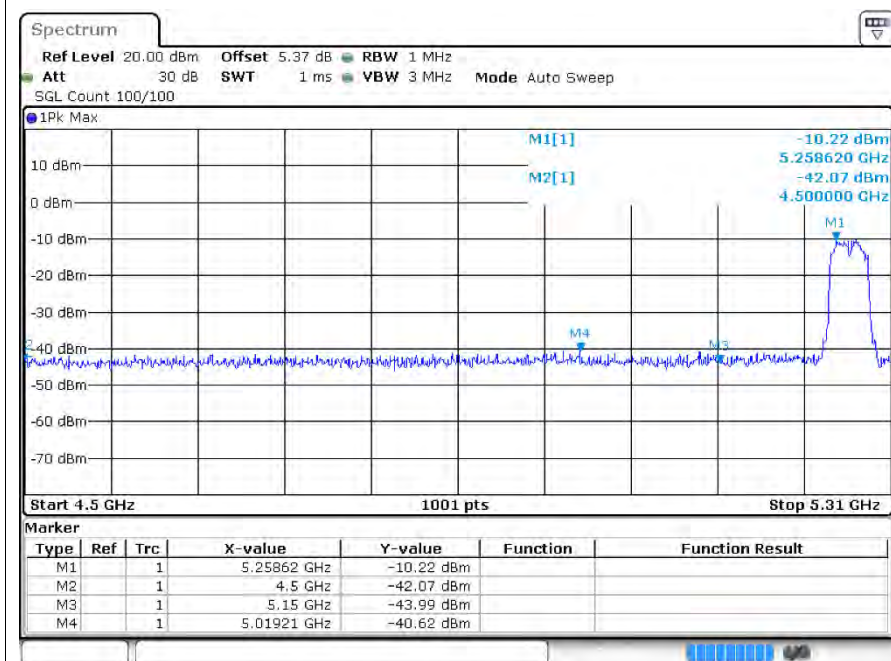




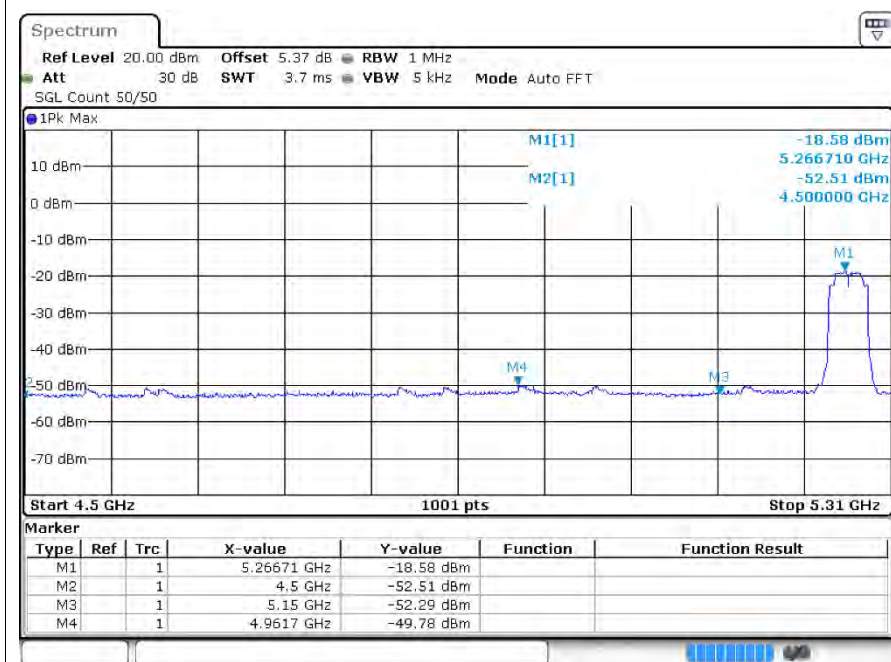


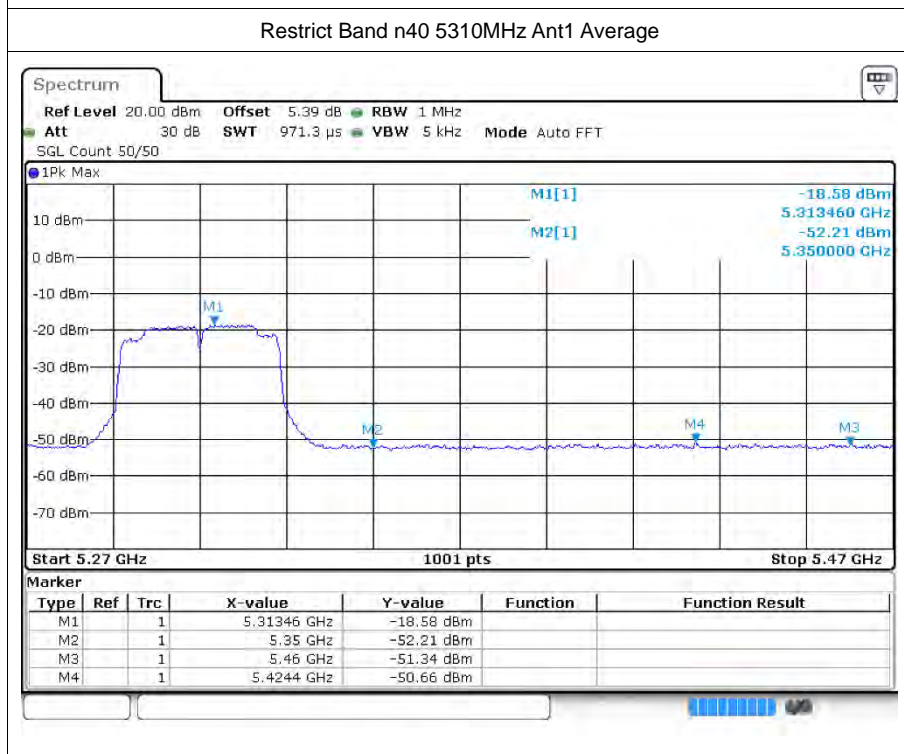
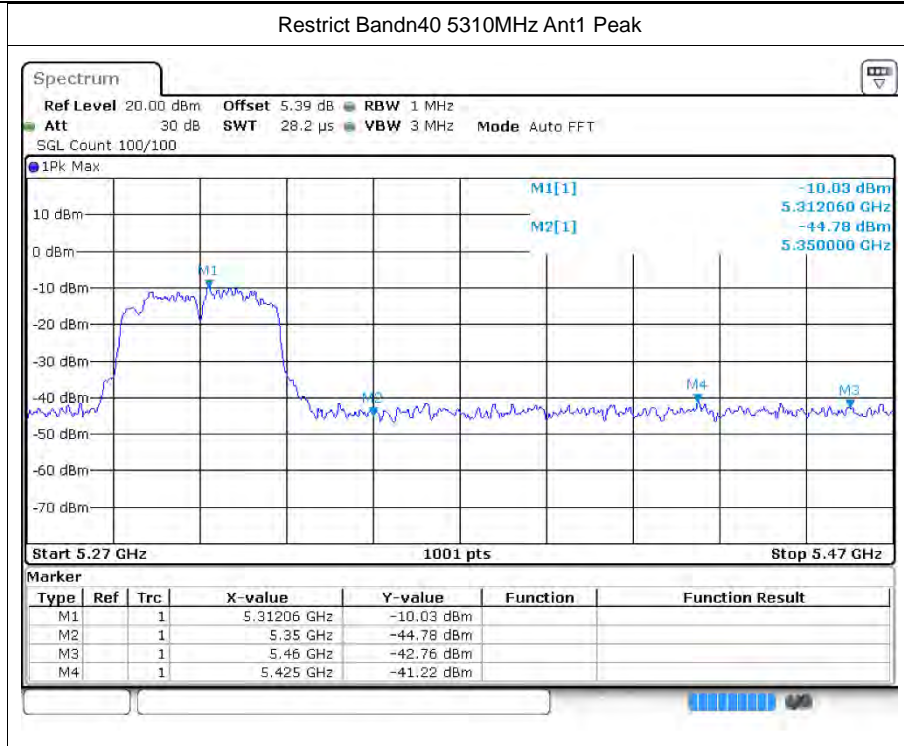


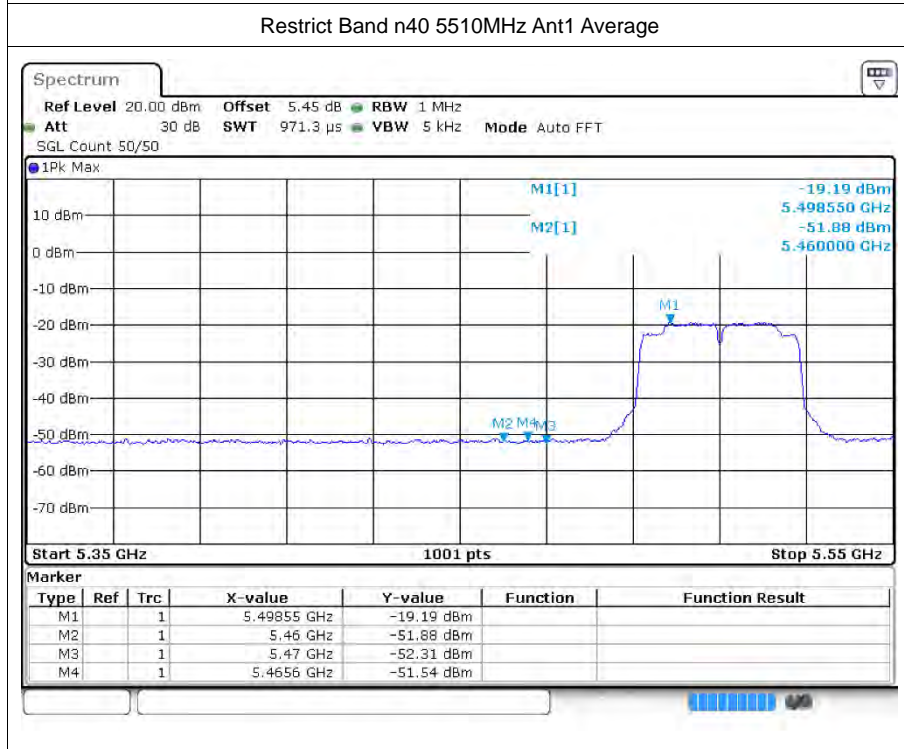
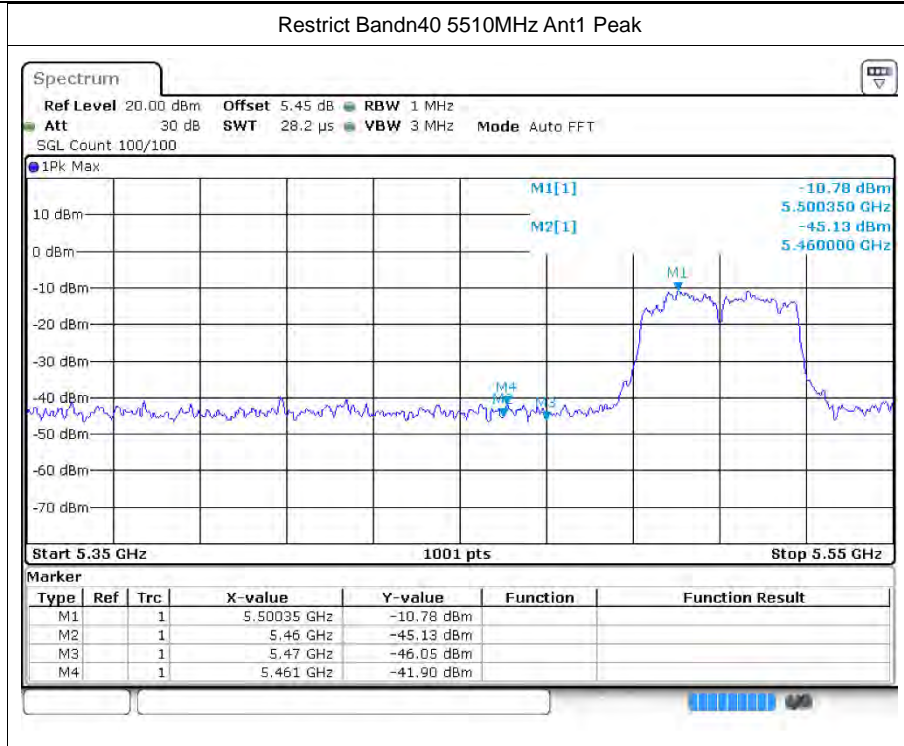
Restrict Bandn40 5270MHz Ant1 Peak

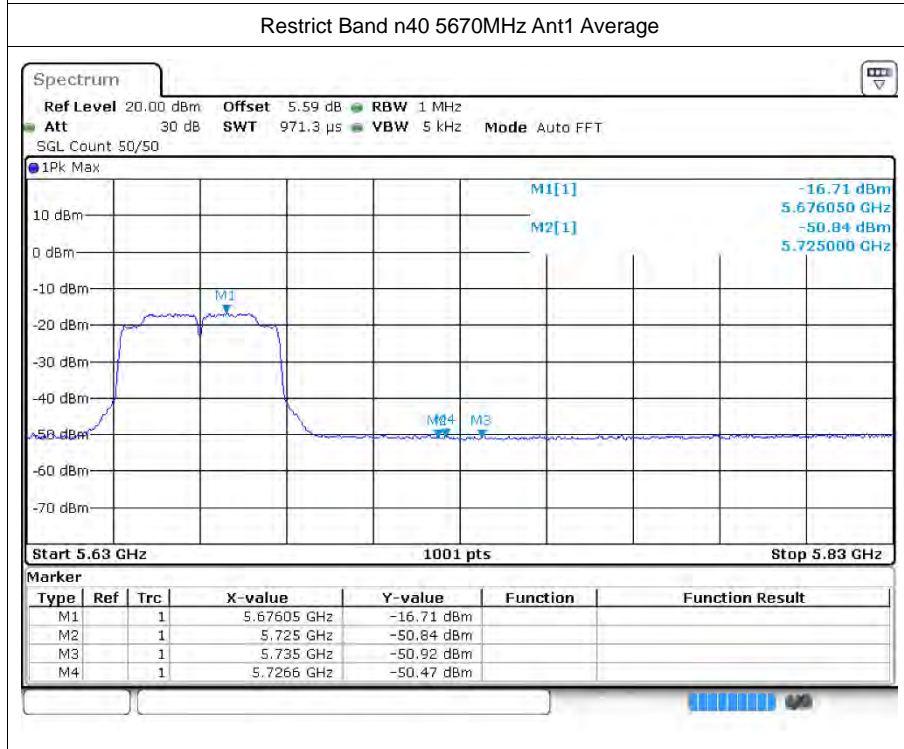
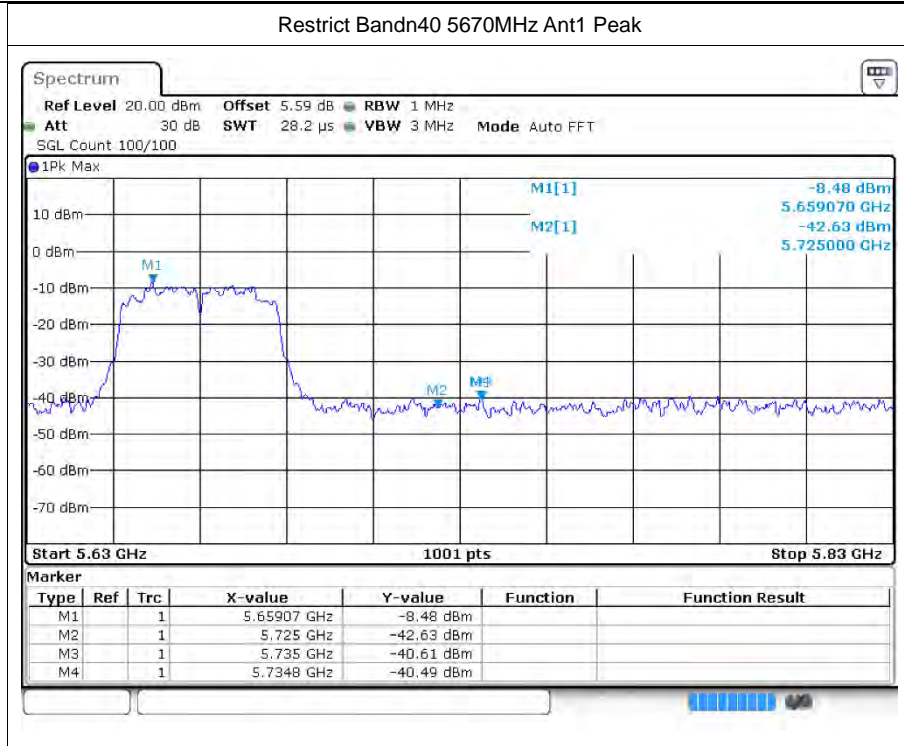


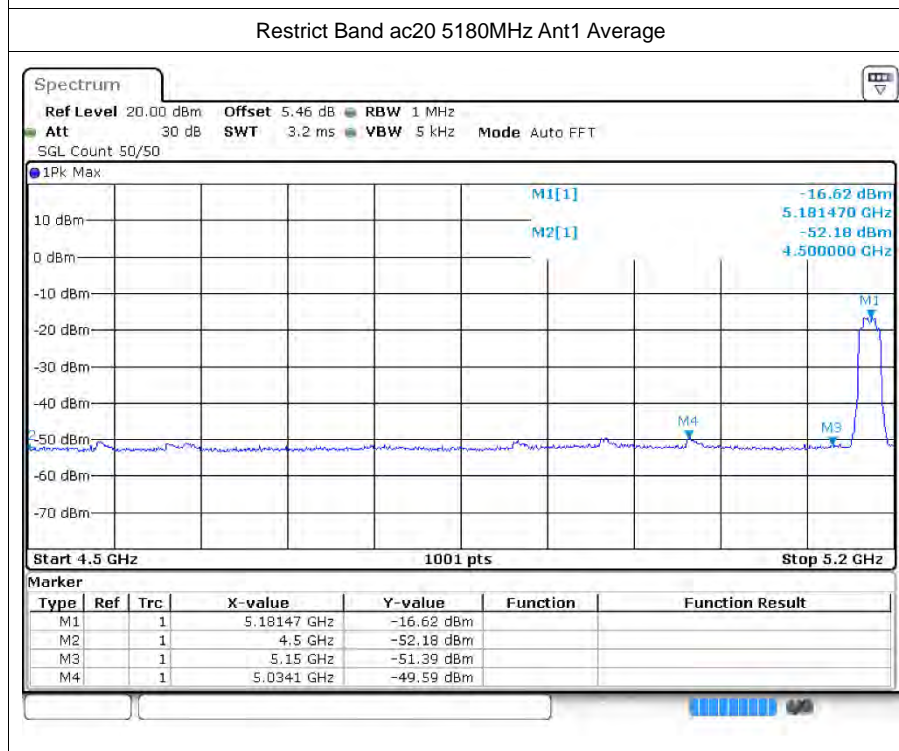
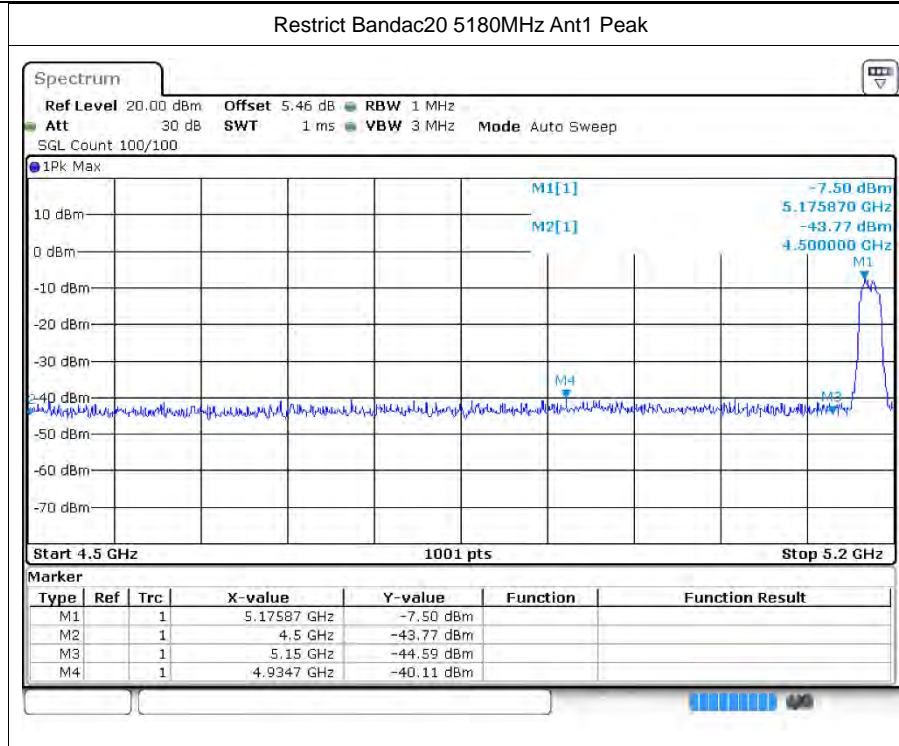
Restrict Band n40 5270MHz Ant1 Average





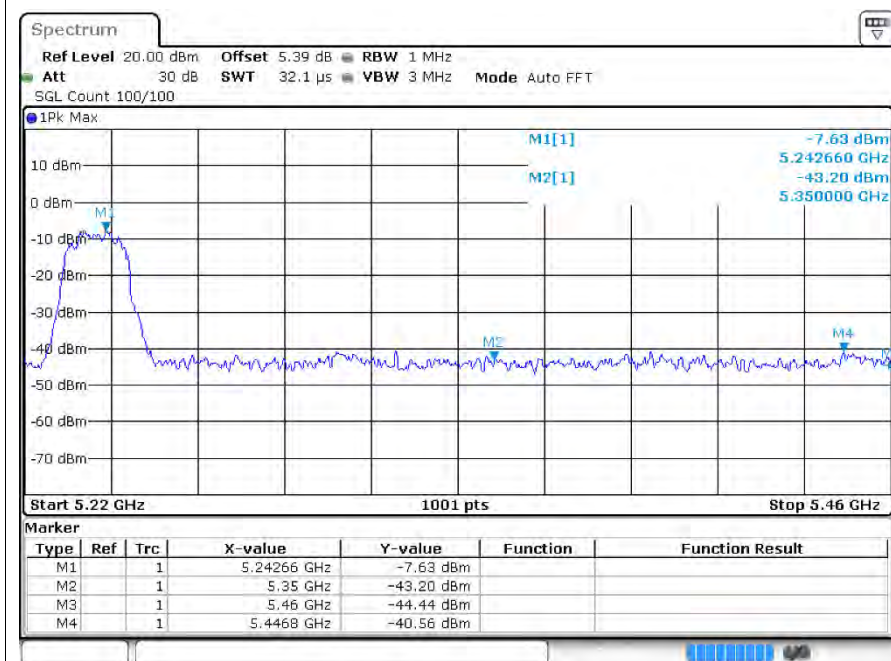




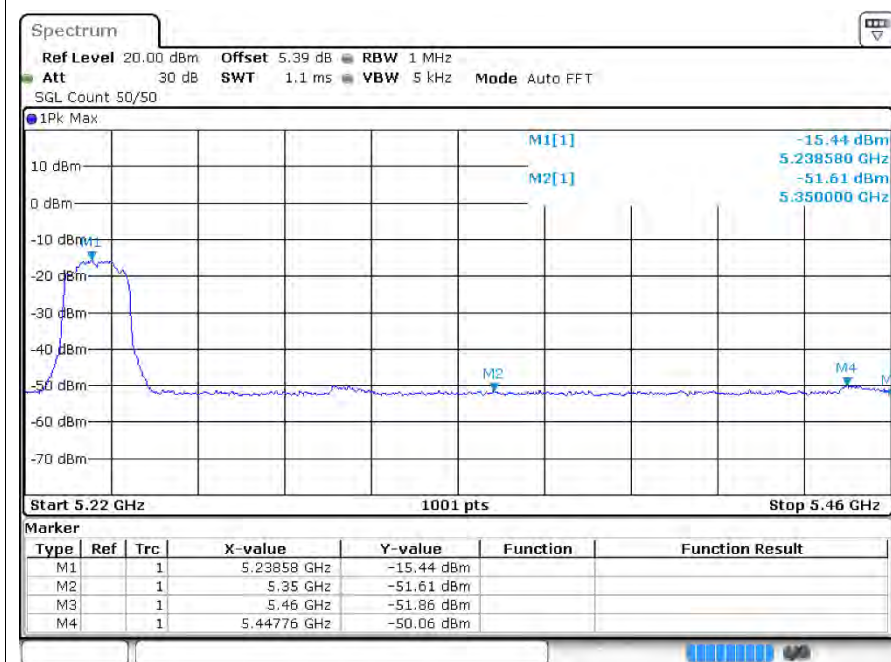


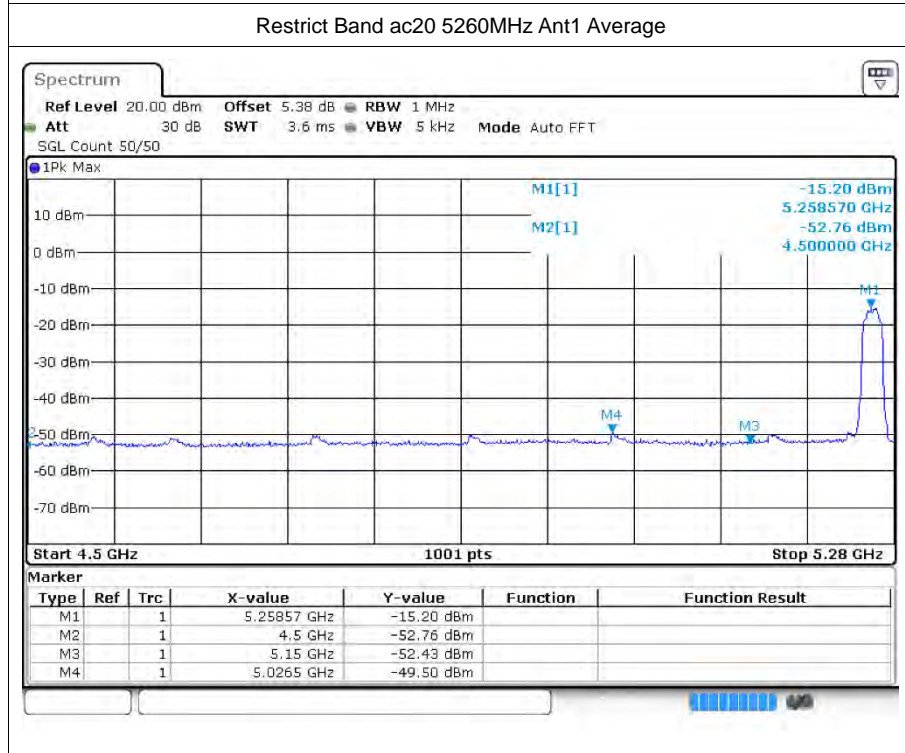
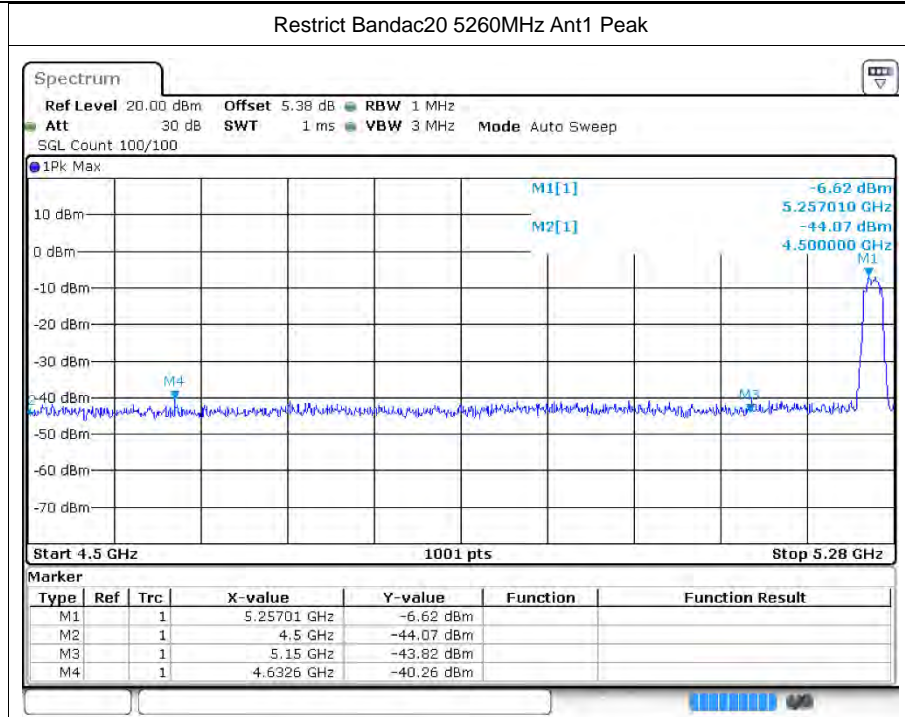


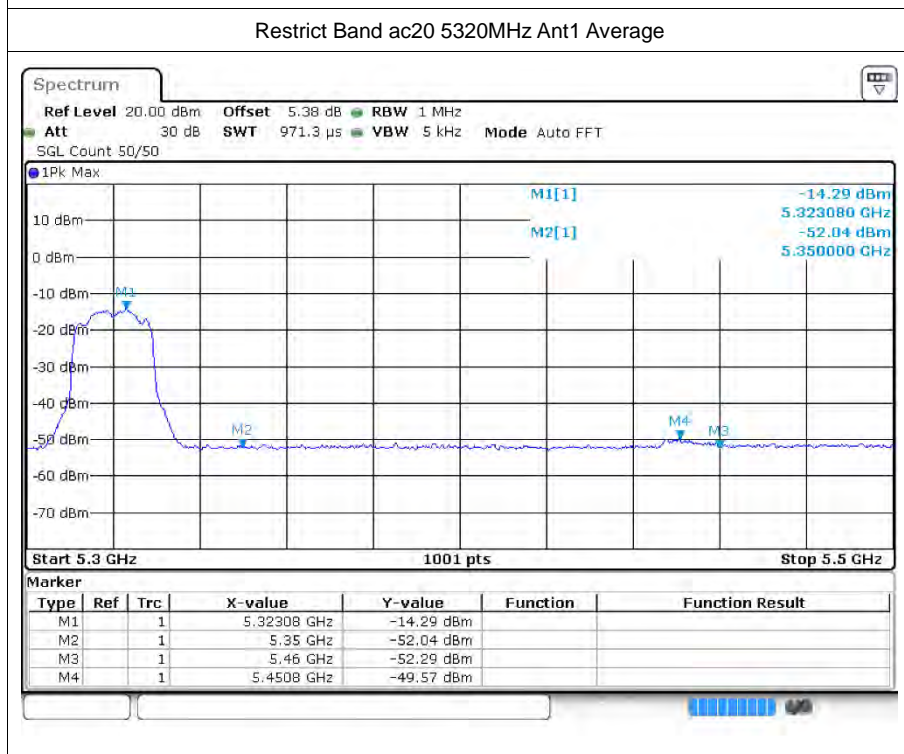
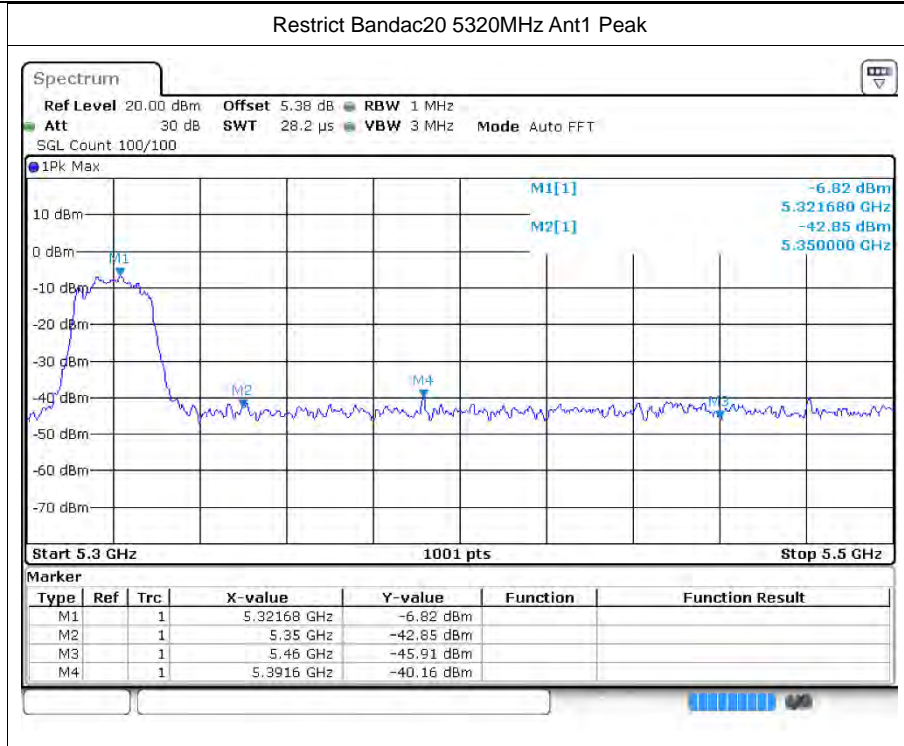
Restrict Band ac20 5240MHz Ant1 Peak



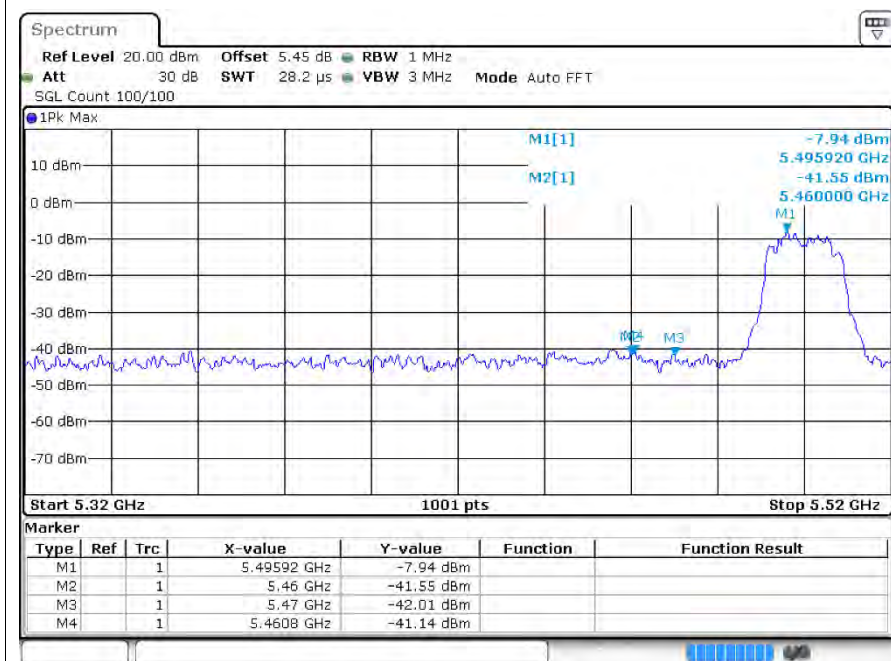
Restrict Band ac20 5240MHz Ant1 Average



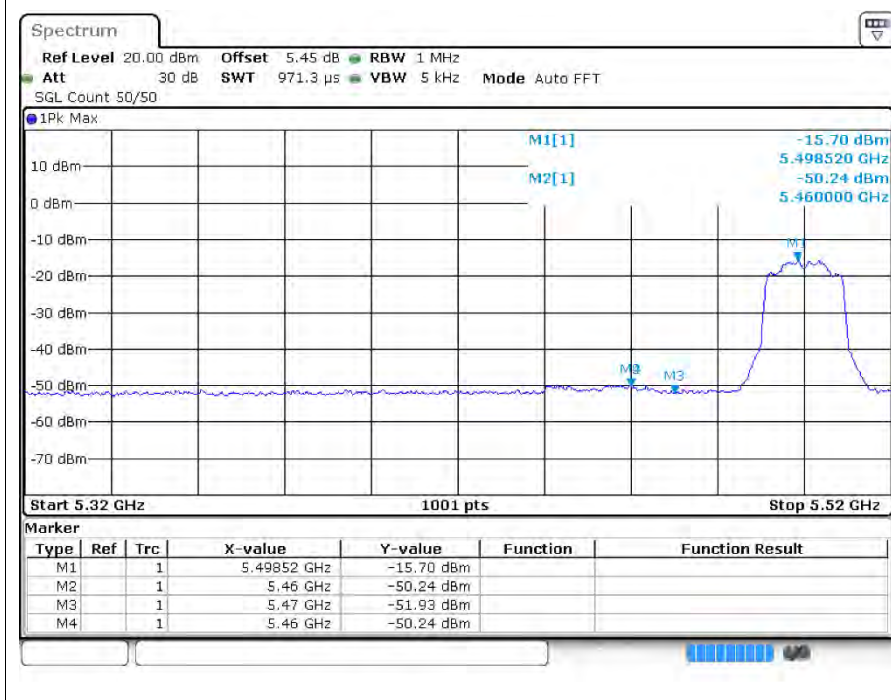


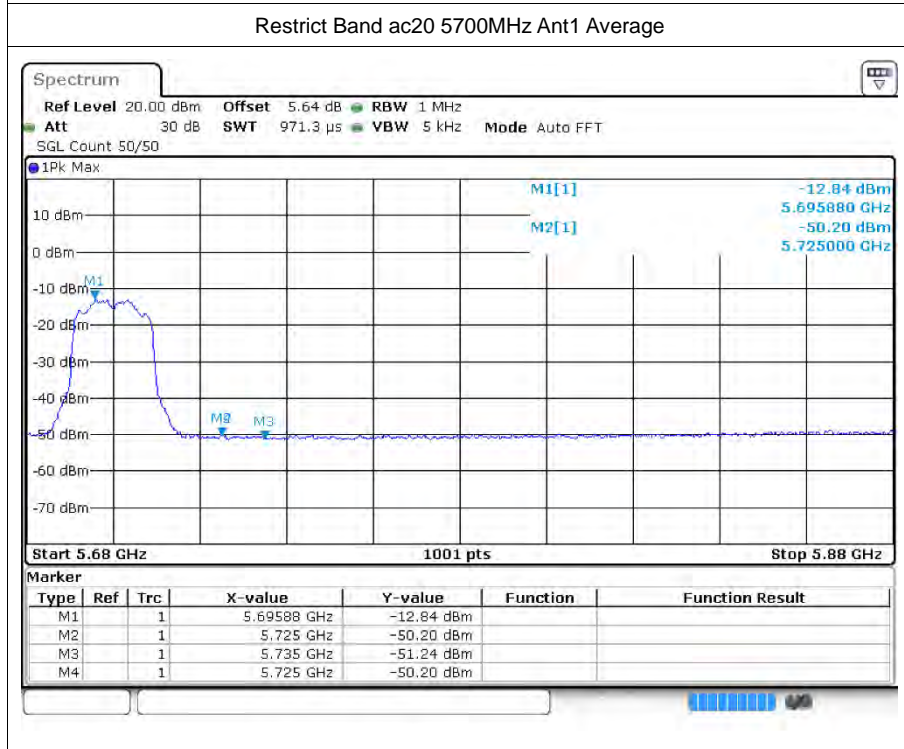
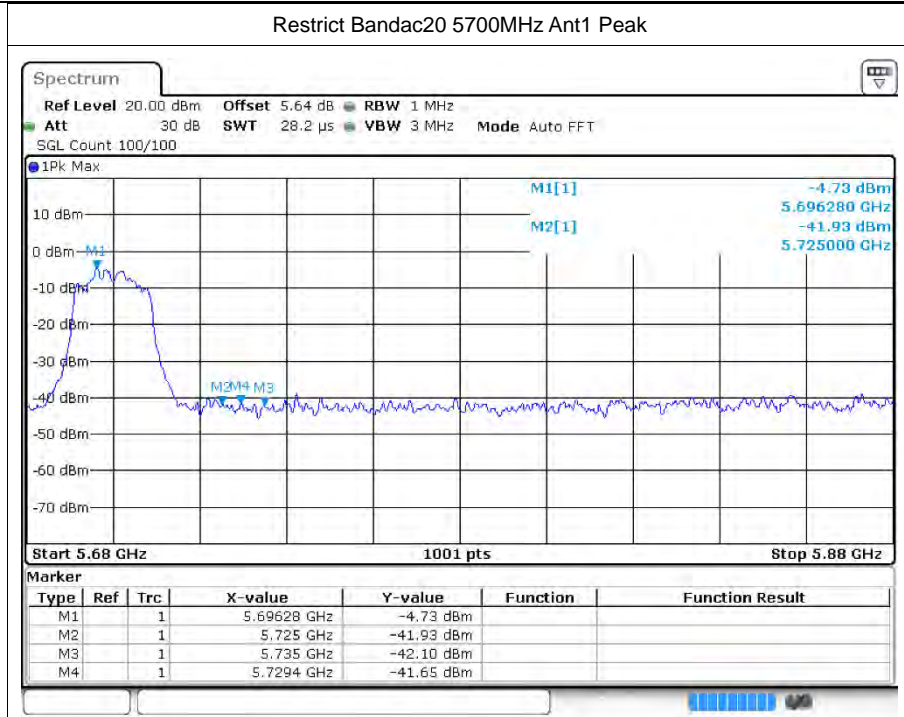


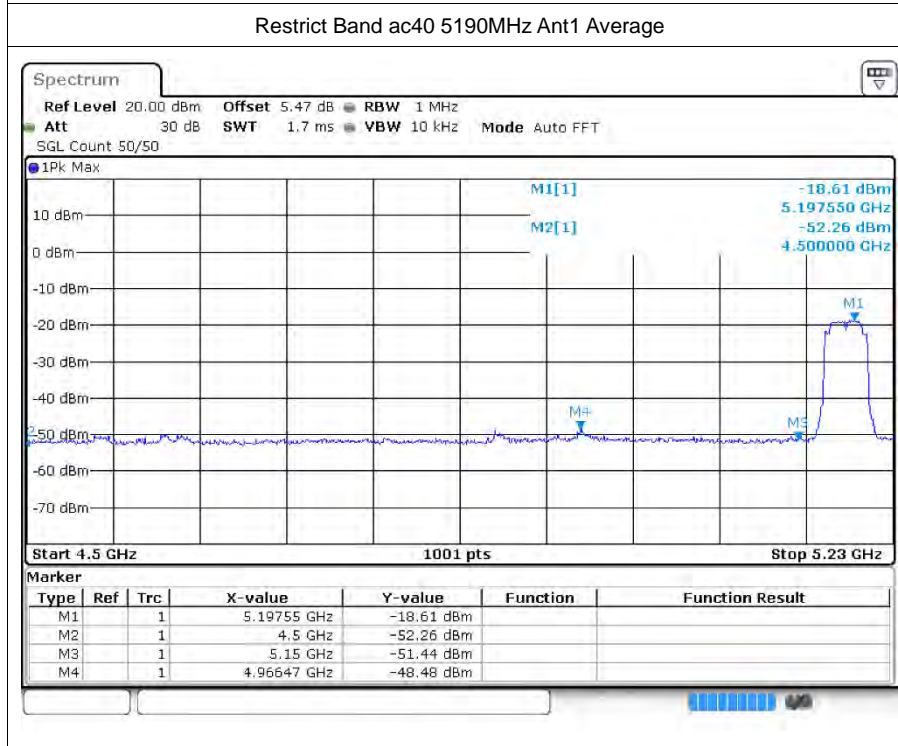
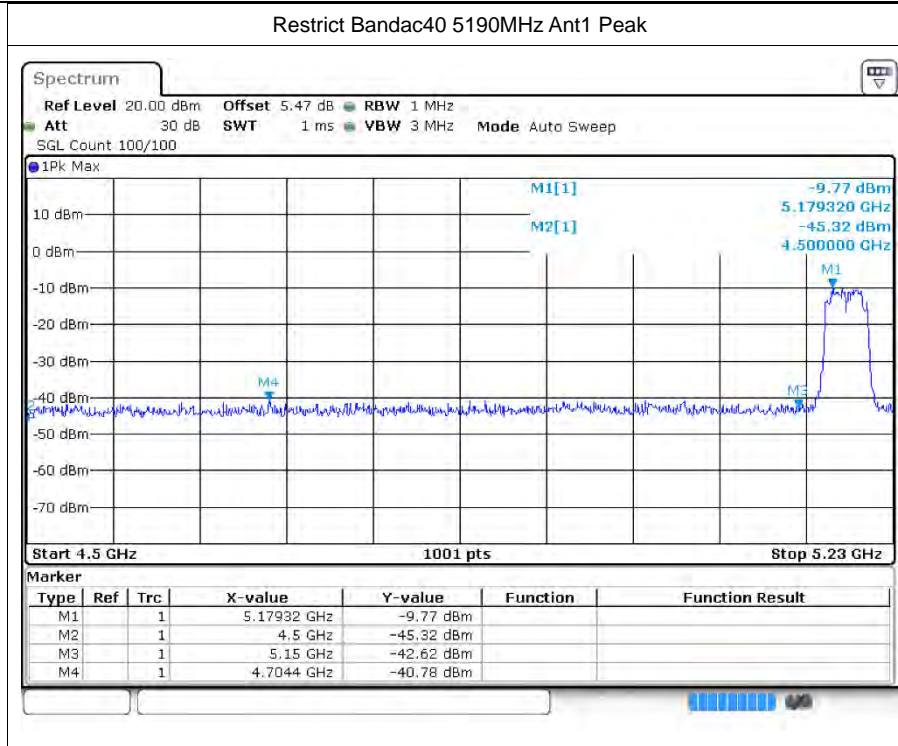
Restrict Bandac20 5500MHz Ant1 Peak



Restrict Band ac20 5500MHz Ant1 Average

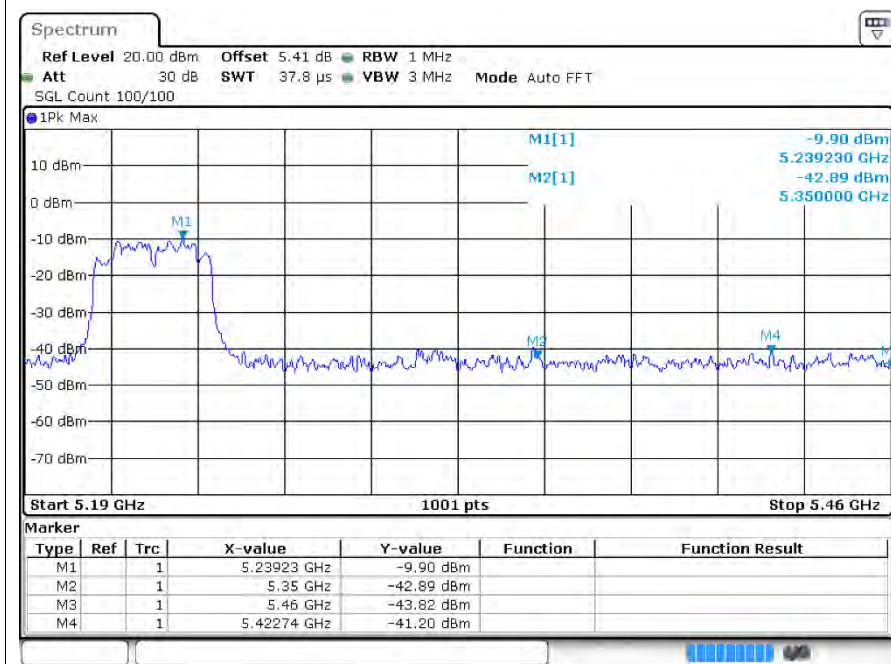




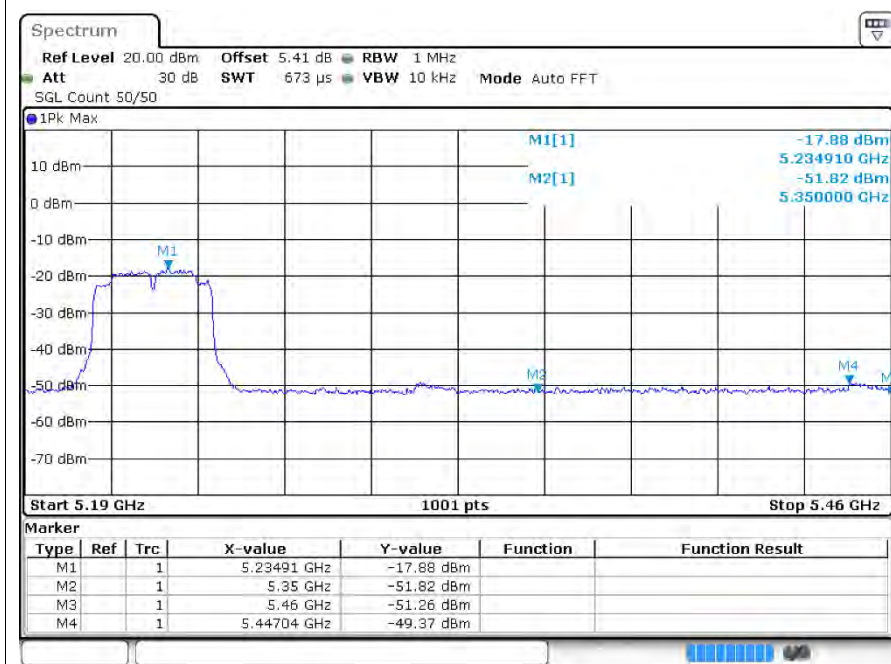


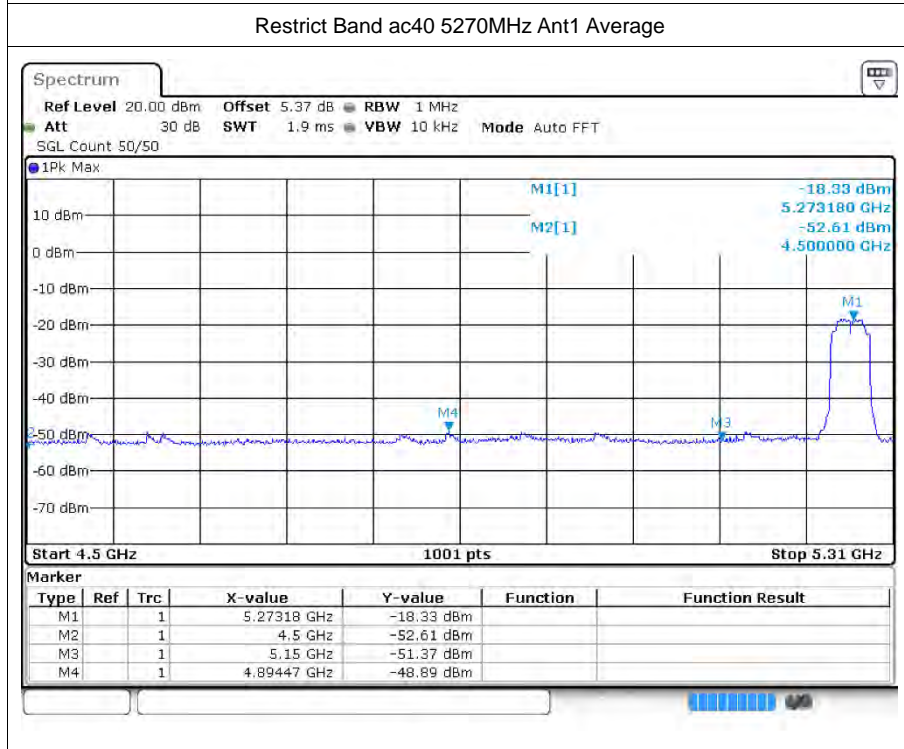
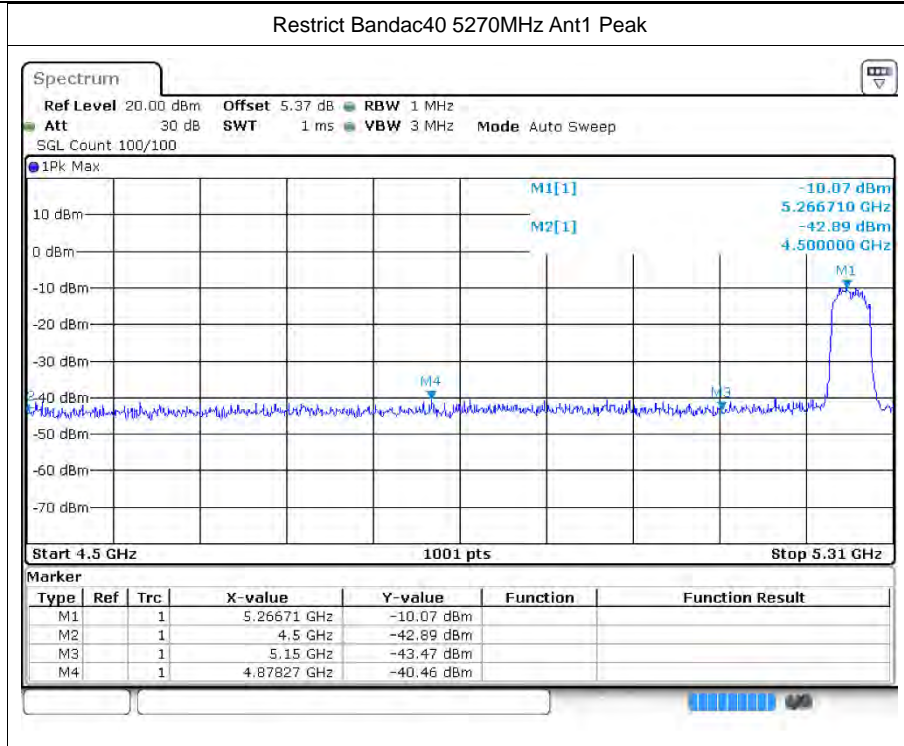


Restrict Band ac40 5230MHz Ant1 Peak



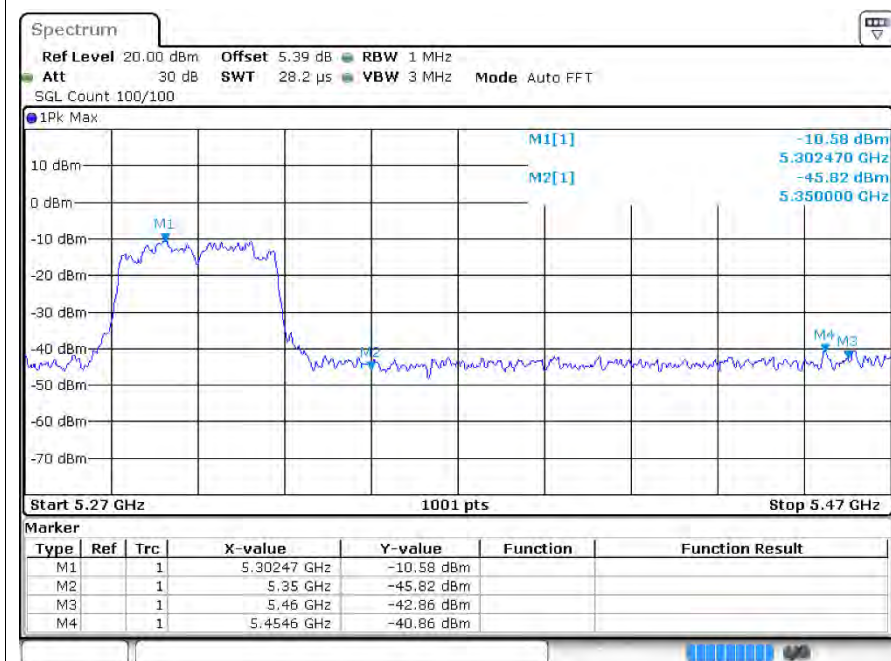
Restrict Band ac40 5230MHz Ant1 Average



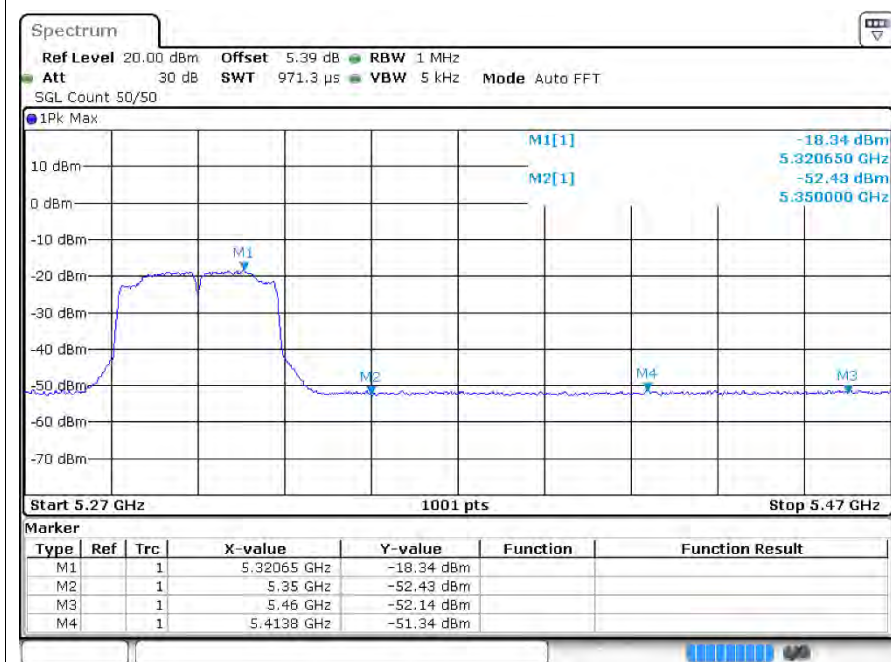


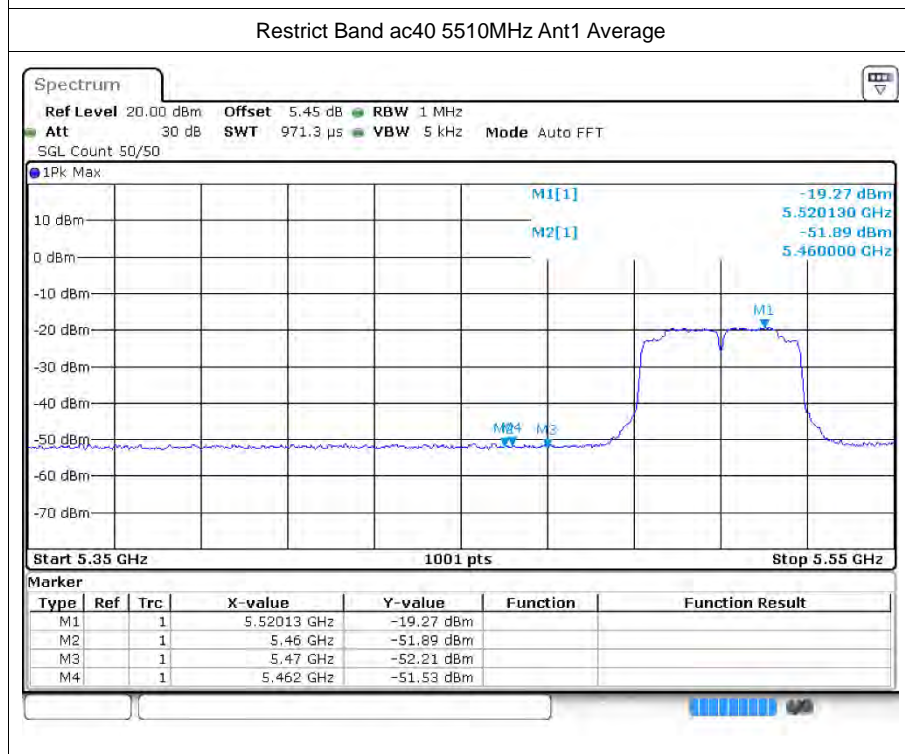
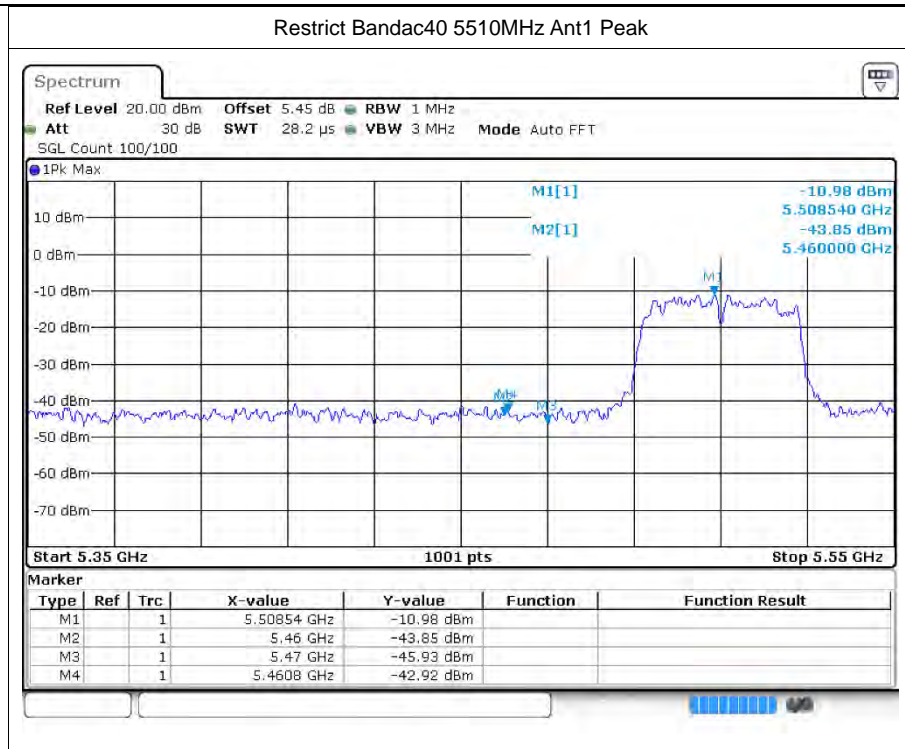


Restrict Bandac40 5310MHz Ant1 Peak



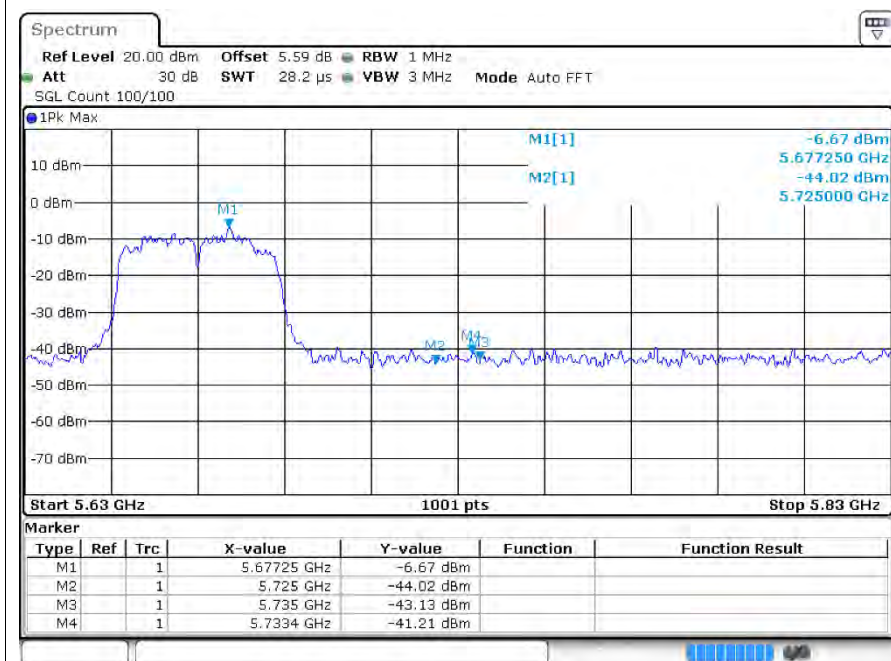
Restrict Band ac40 5310MHz Ant1 Average



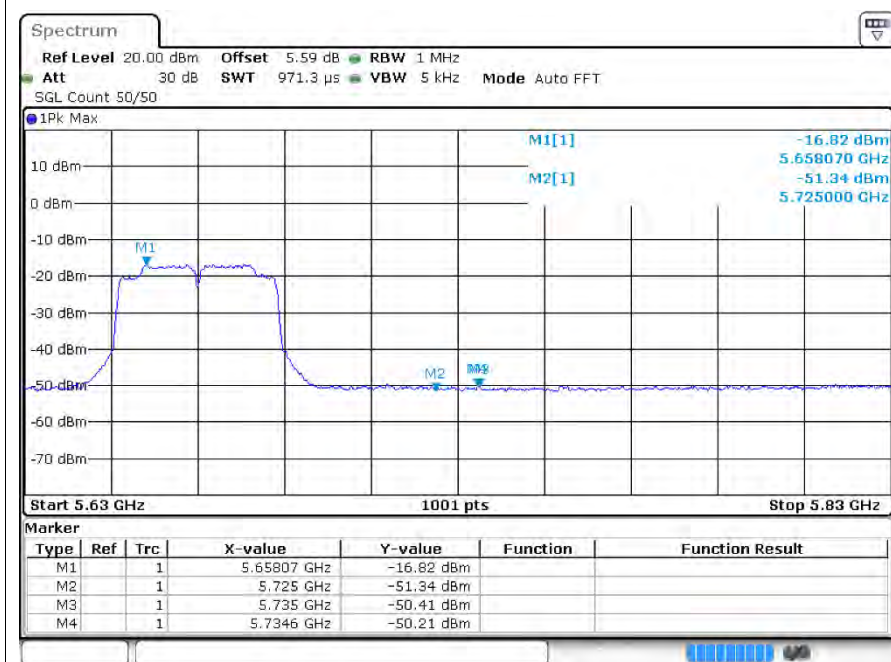


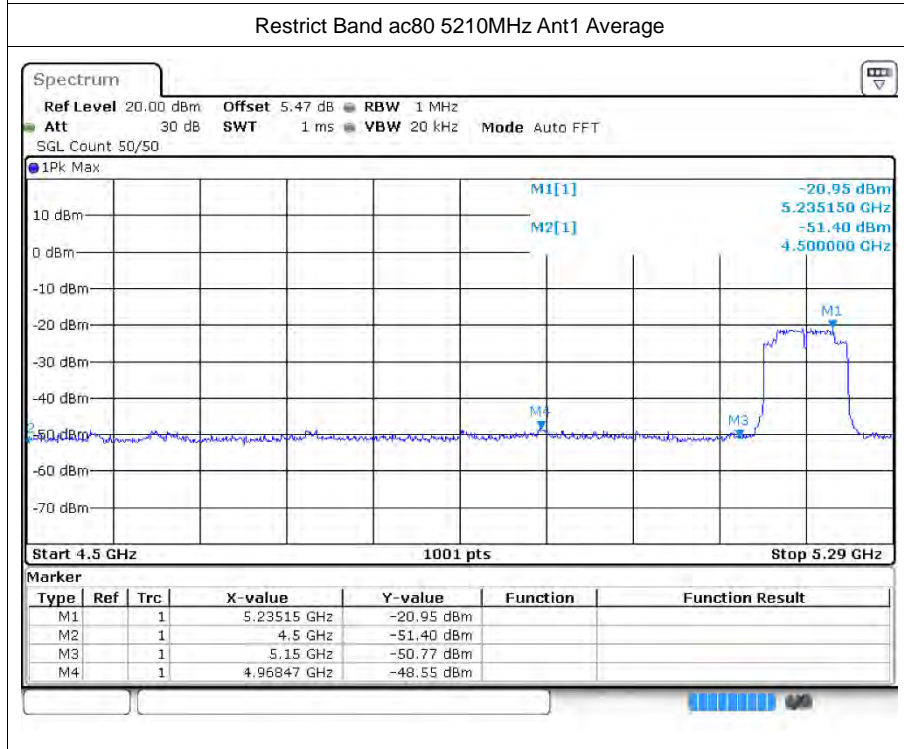
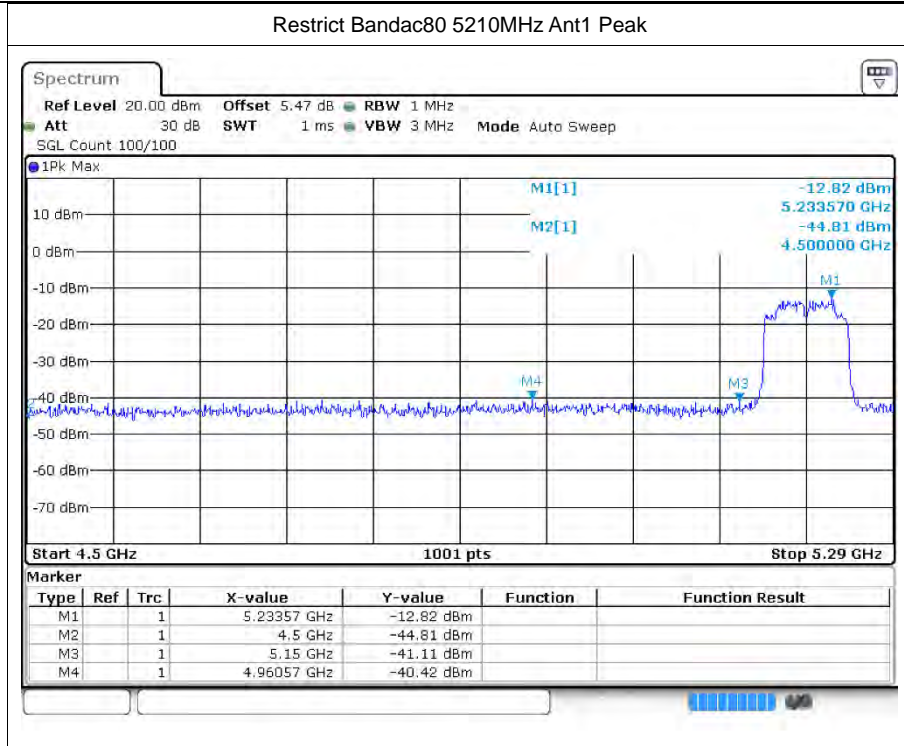


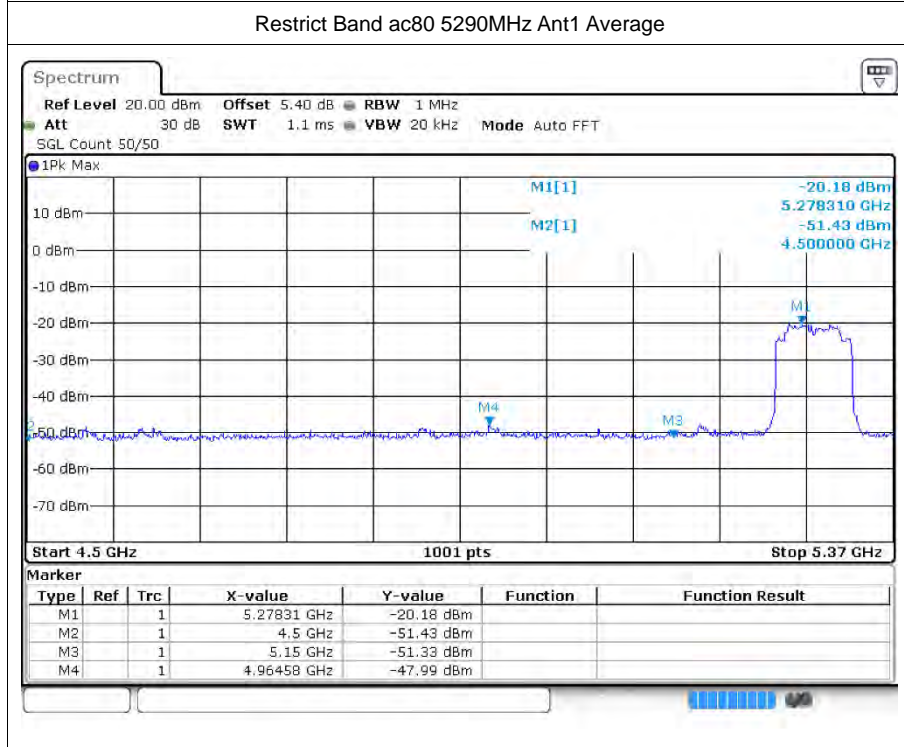
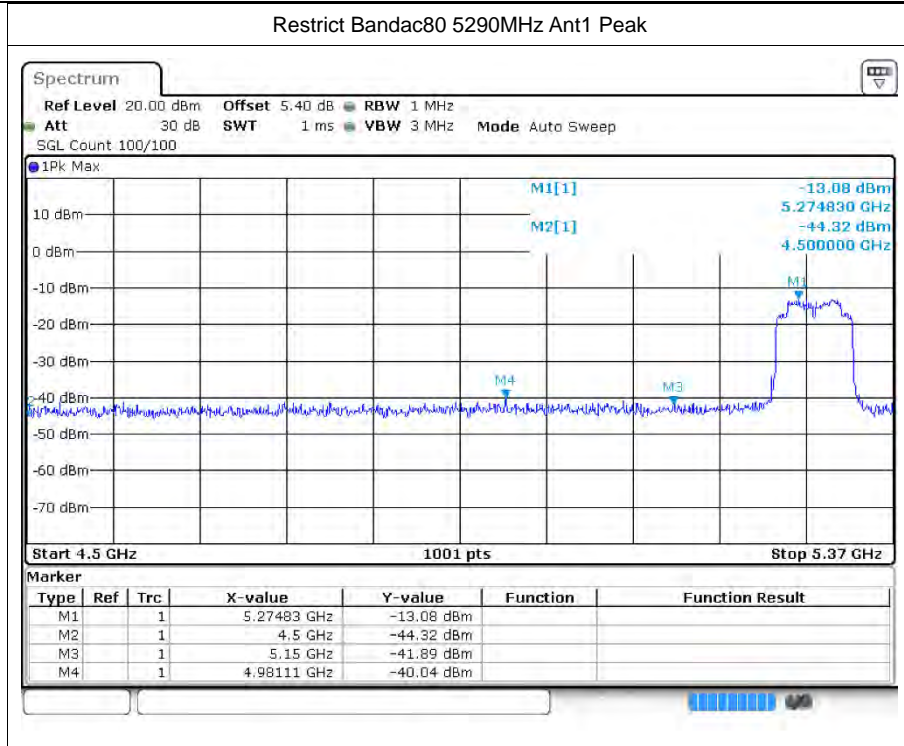
Restrict Bandac40 5670MHz Ant1 Peak



Restrict Band ac40 5670MHz Ant1 Average

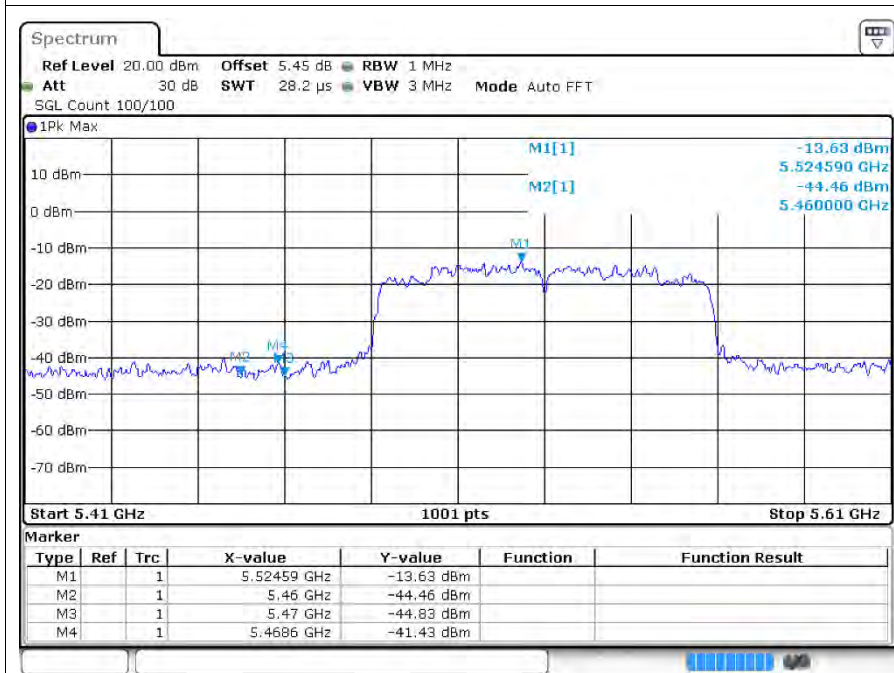




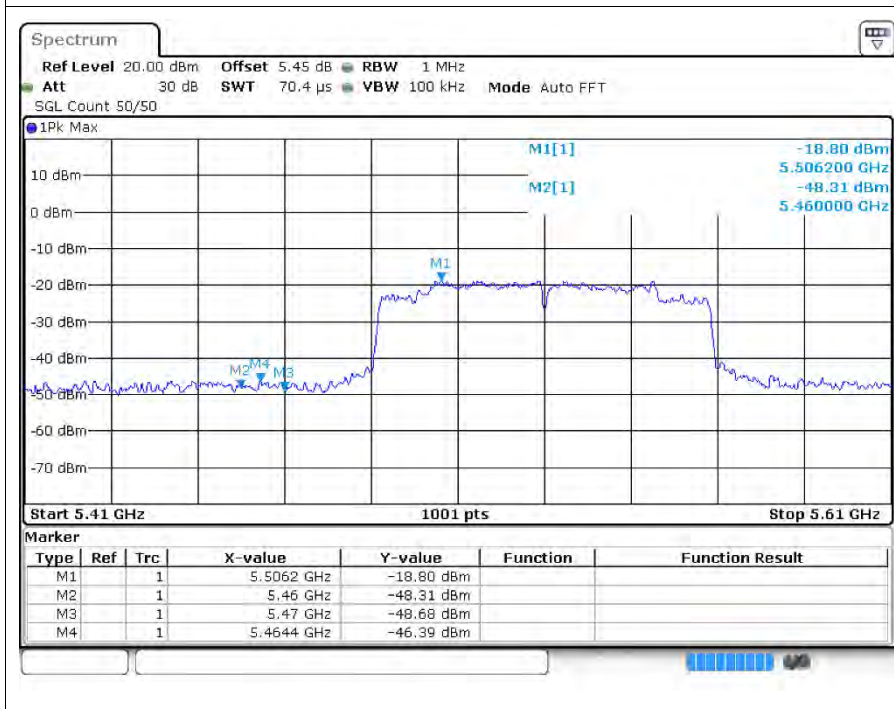




Restrict Band ac80 5530MHz Ant1 Peak

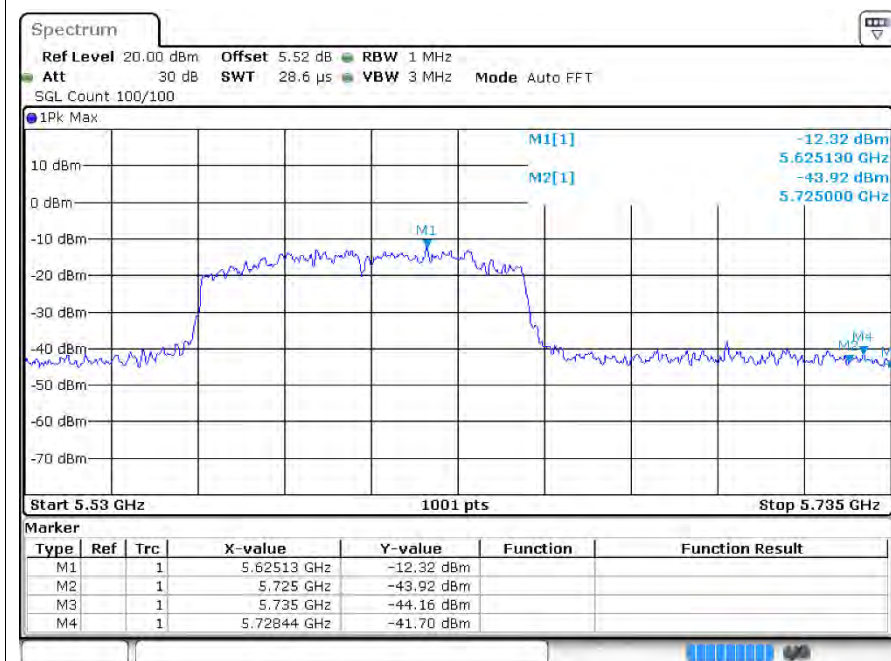


Restrict Band ac80 5530MHz Ant1 Average





Restrict Band ac80 5610MHz Ant1 Peak



Restrict Band ac80 5610MHz Ant1 Average

