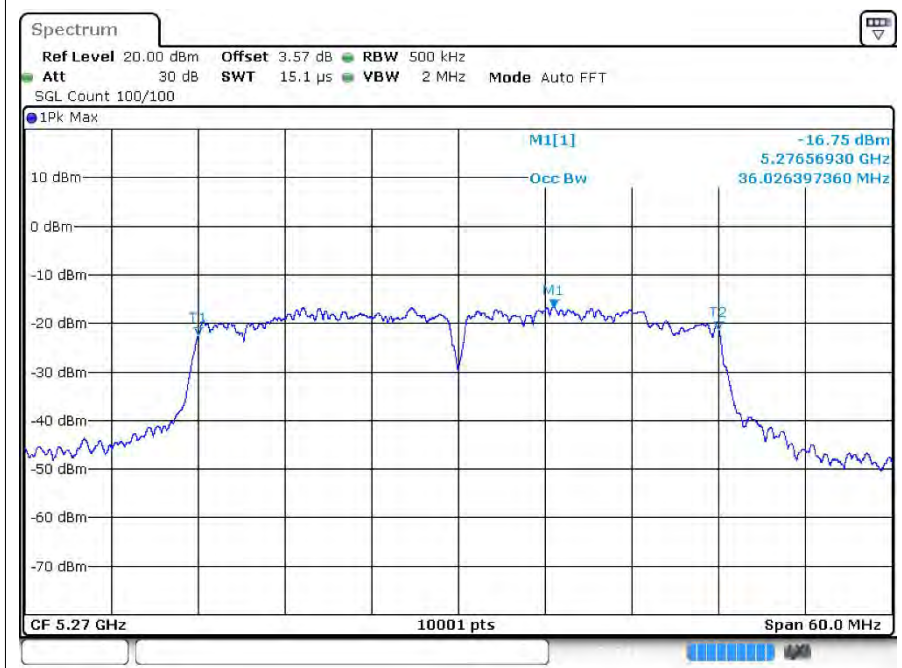
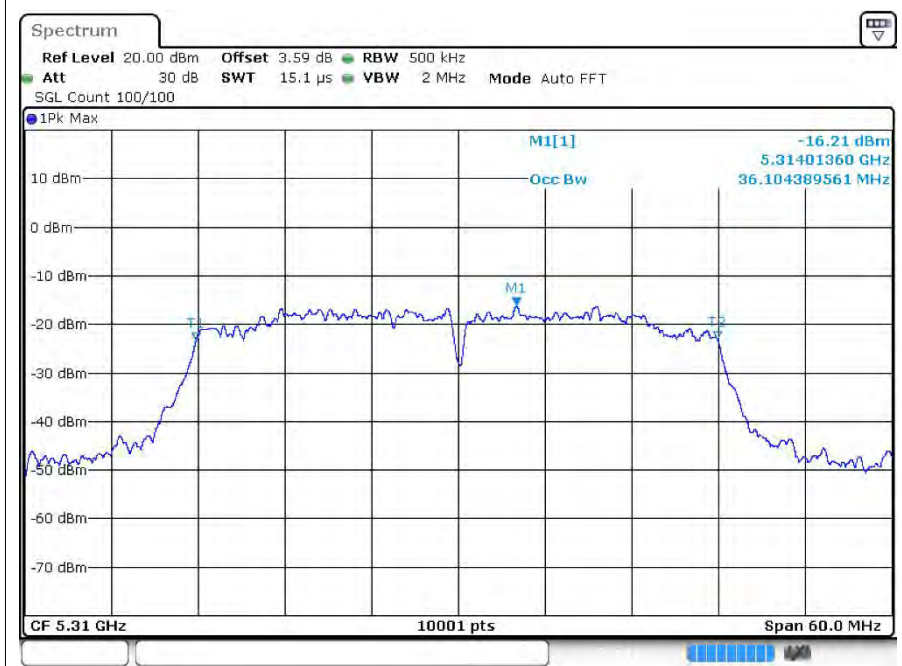


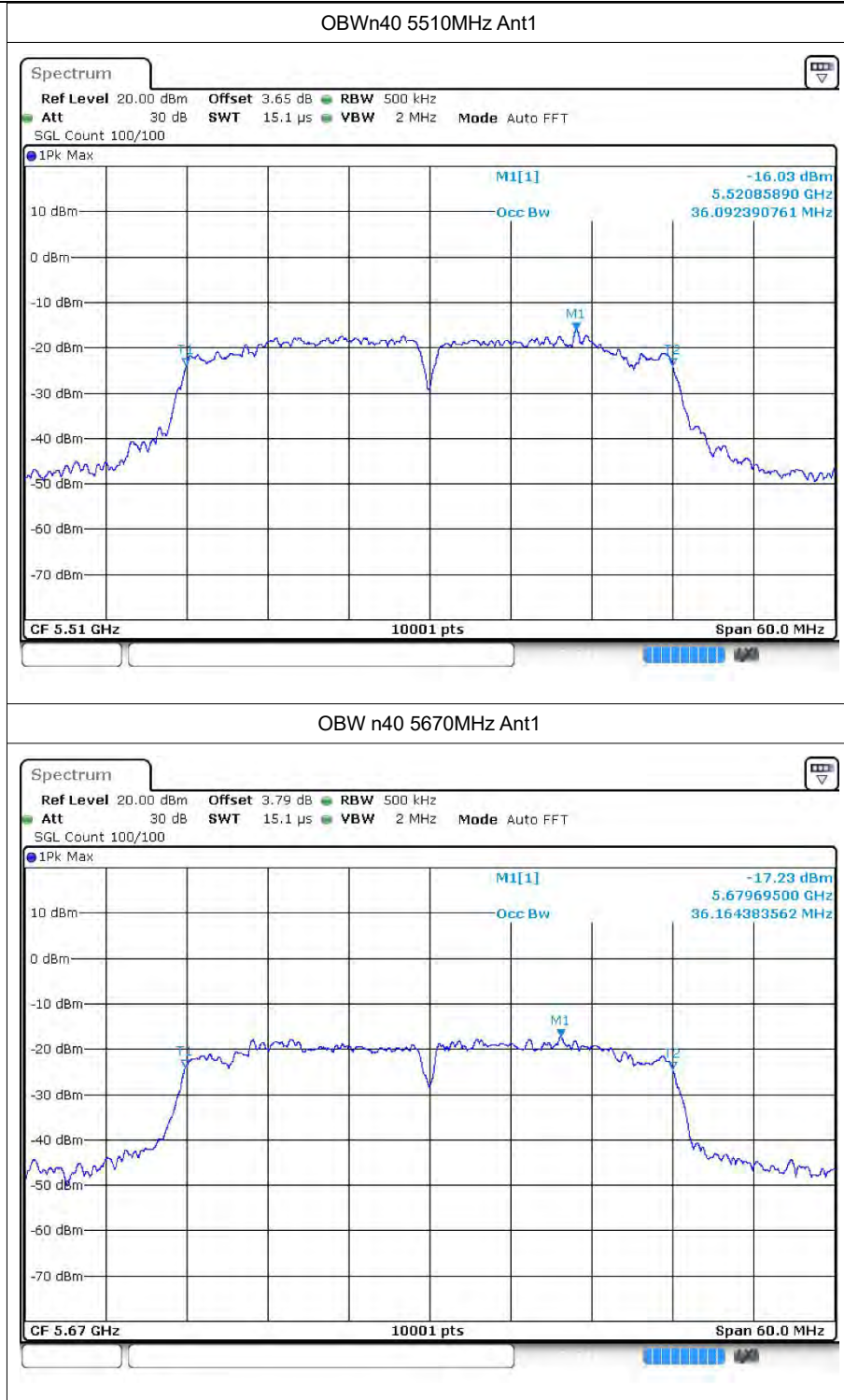


OBW n40 5270MHz Ant1



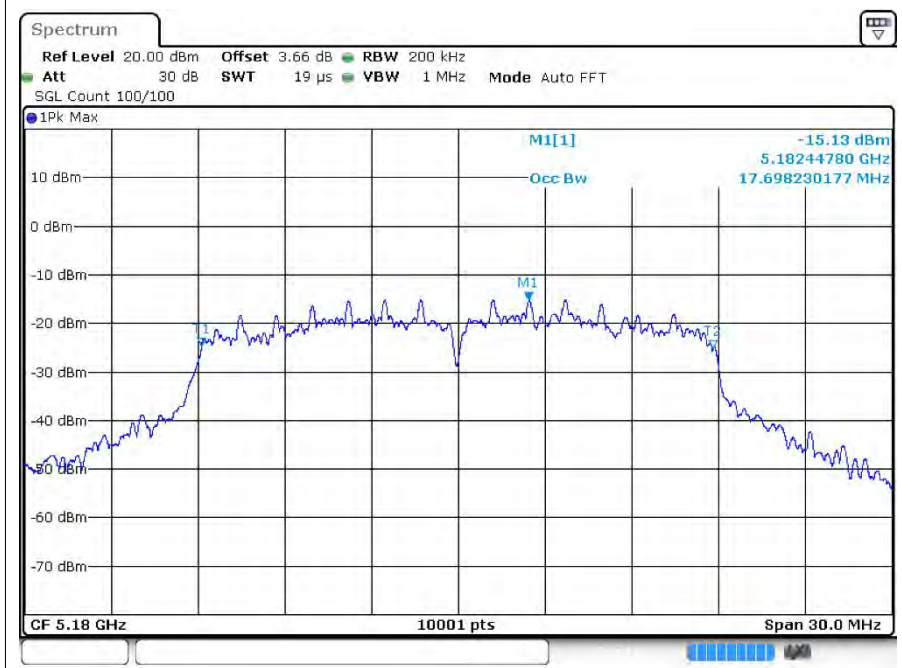
OBW n40 5310MHz Ant1



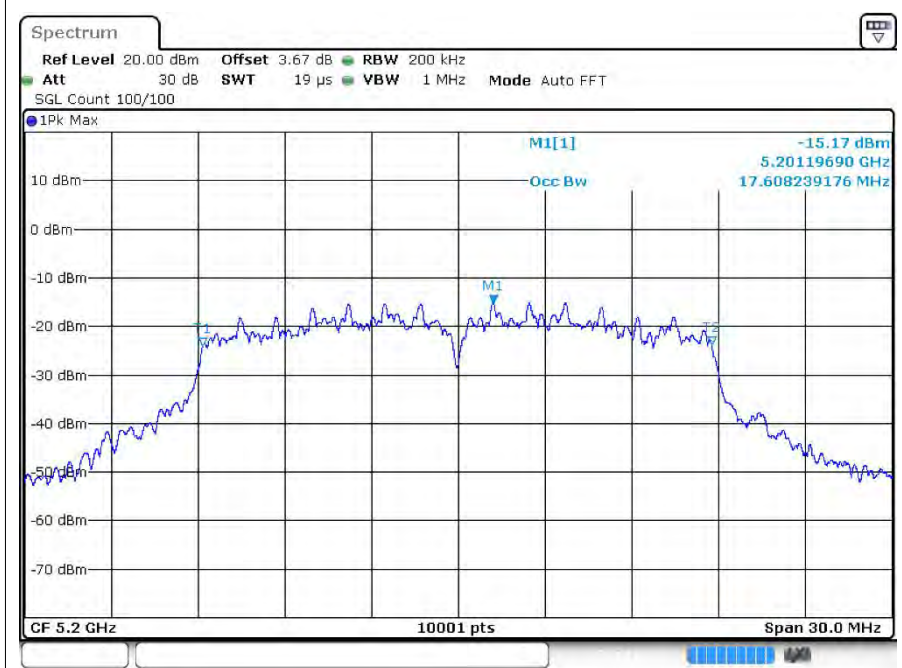




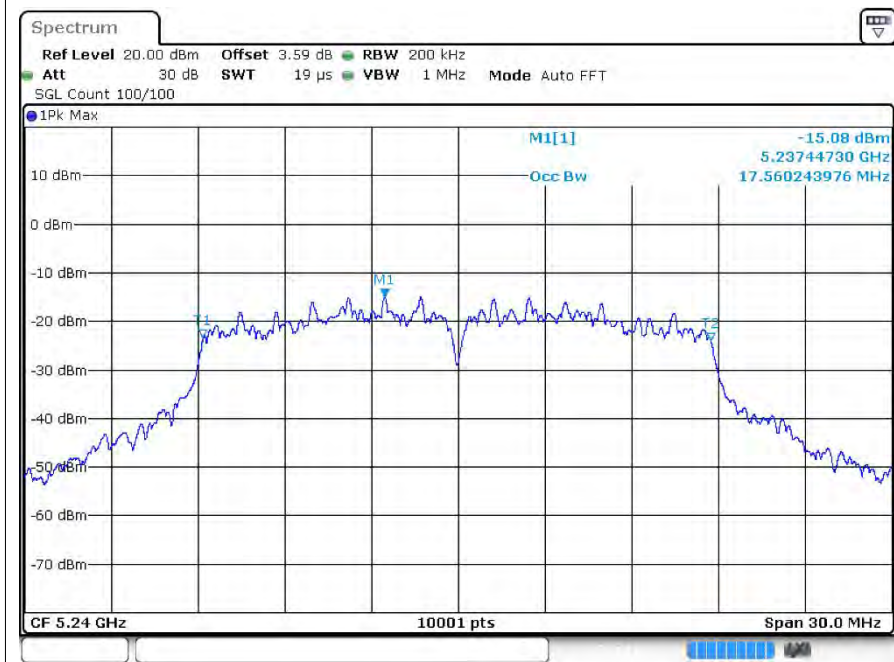
OBW ac20 5180MHz Ant1



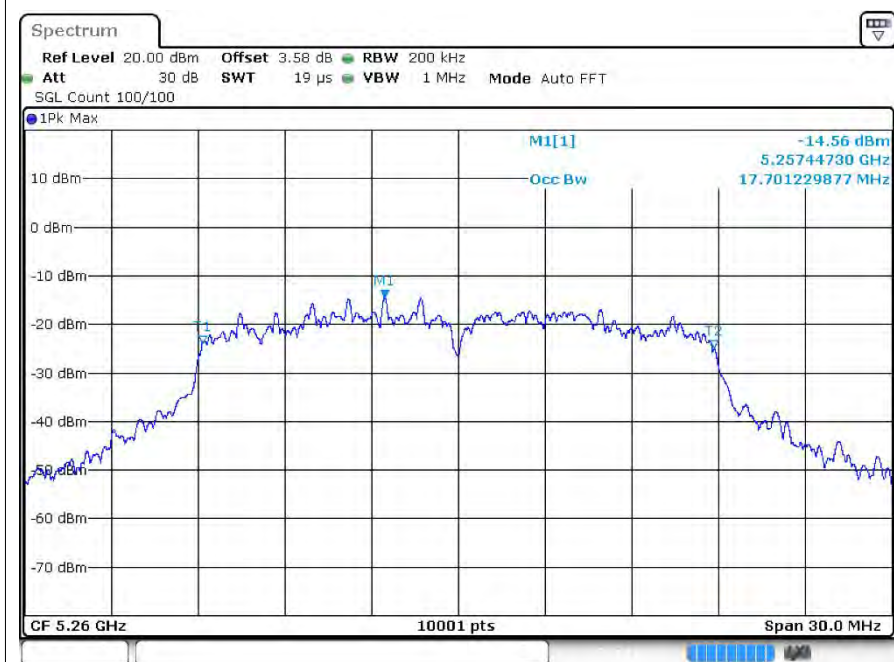
OBW ac20 5200MHz Ant1



OBW ac20 5240MHz Ant1

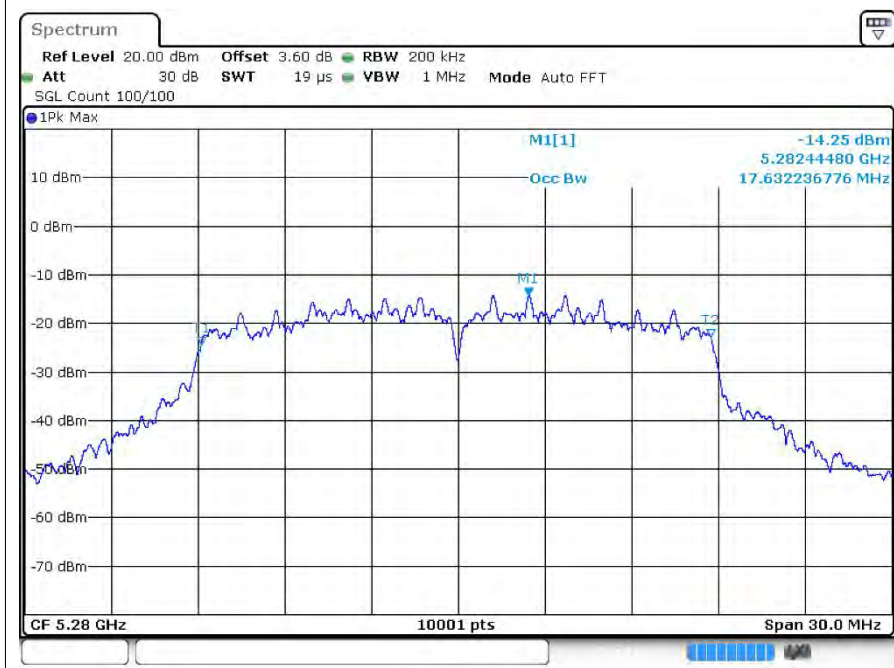


OBW ac20 5260MHz Ant1

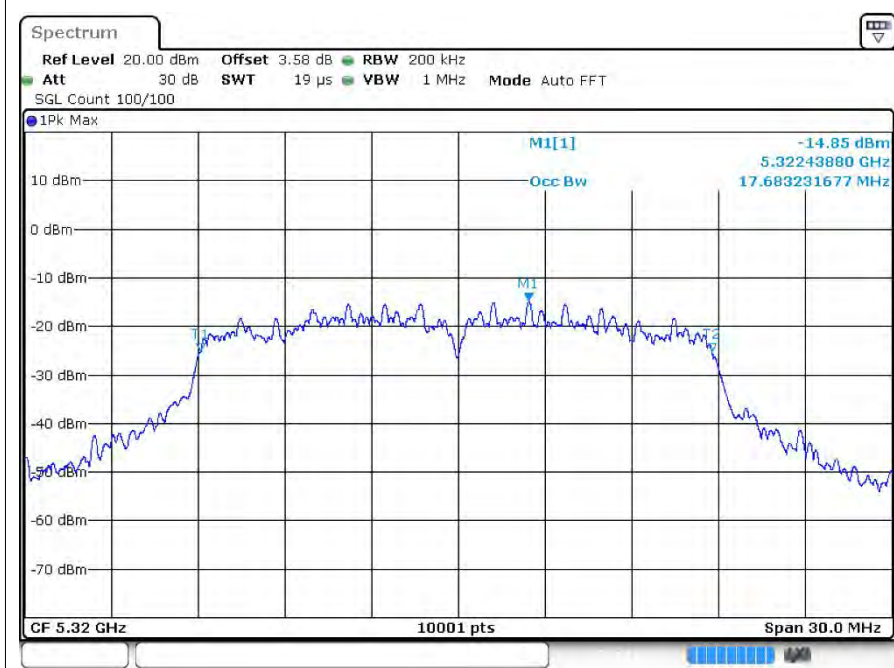




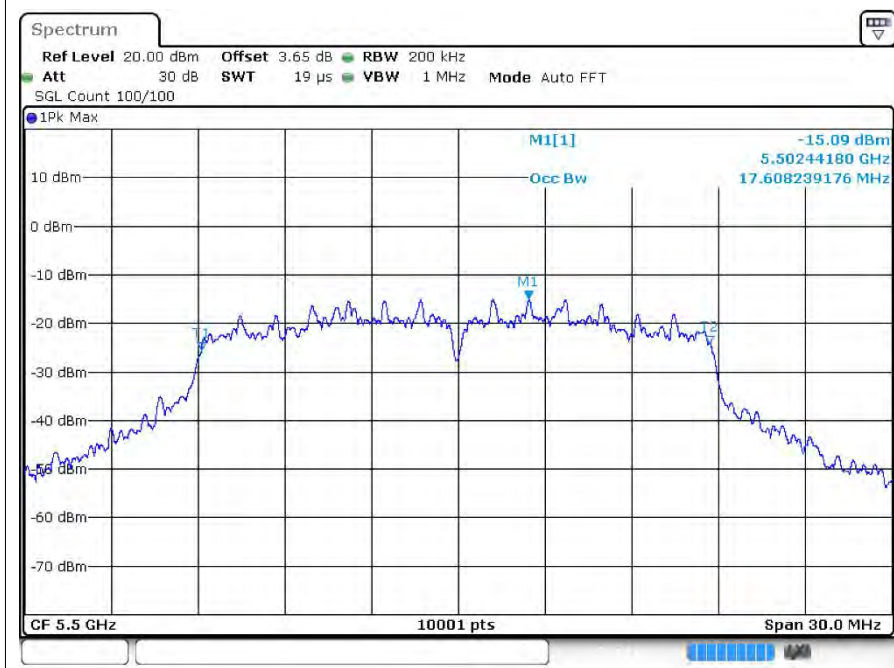
OBW ac20 5280MHz Ant1



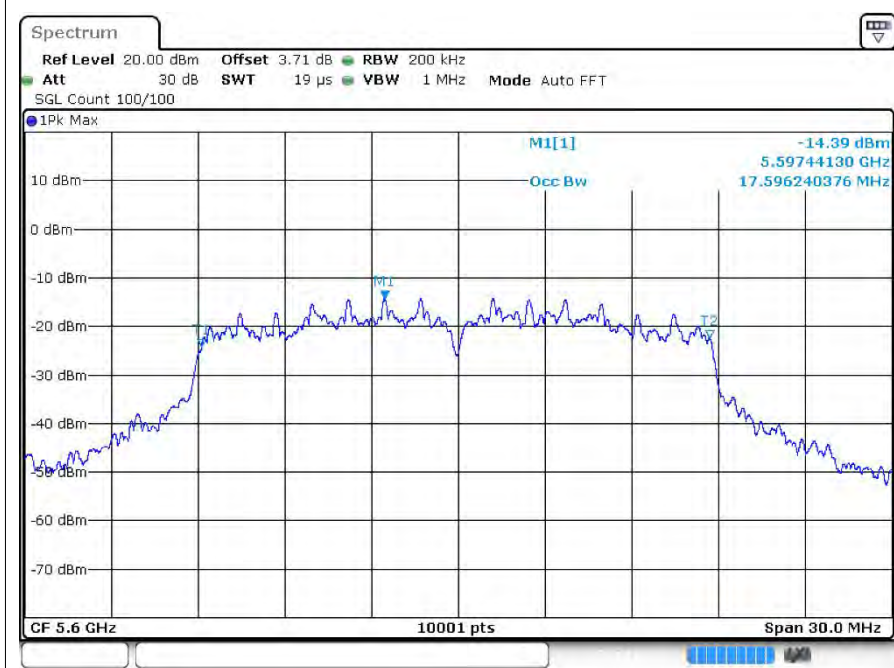
OBW ac20 5320MHz Ant1

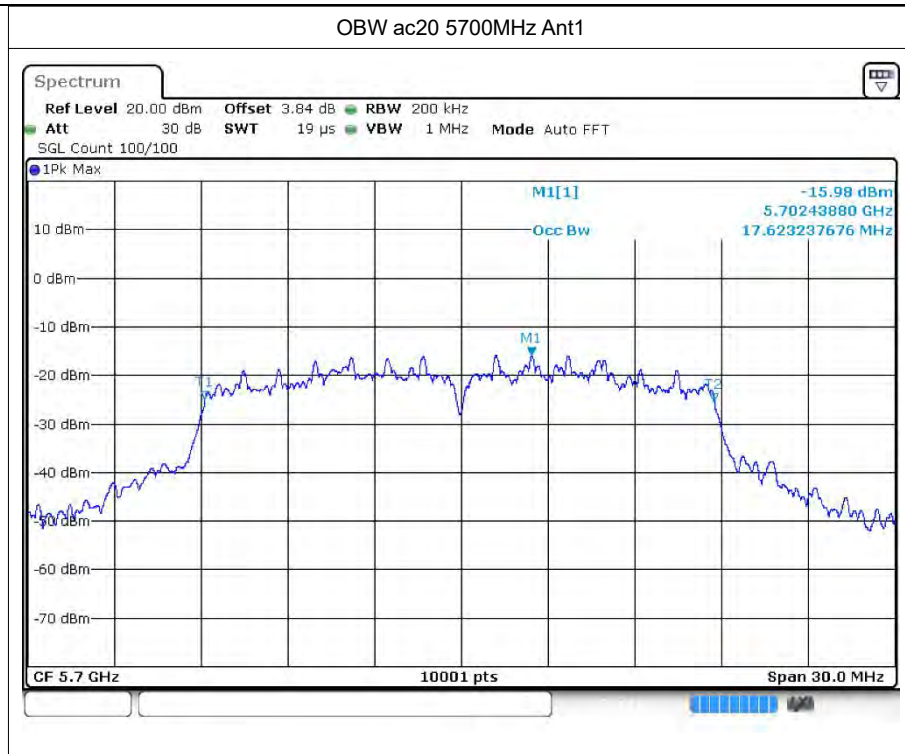


OBW ac20 5500MHz Ant1



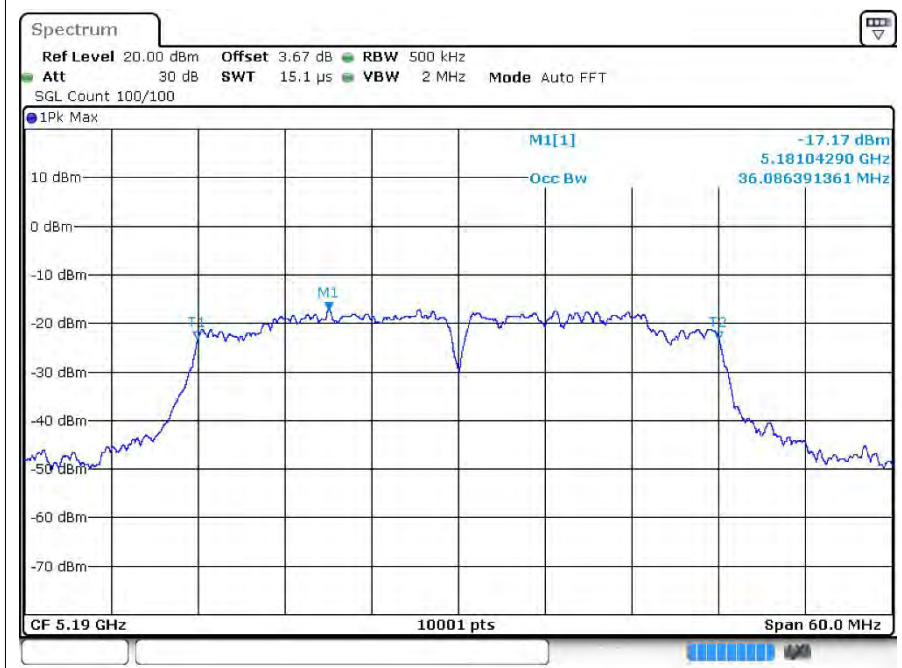
OBW ac20 5600MHz Ant1



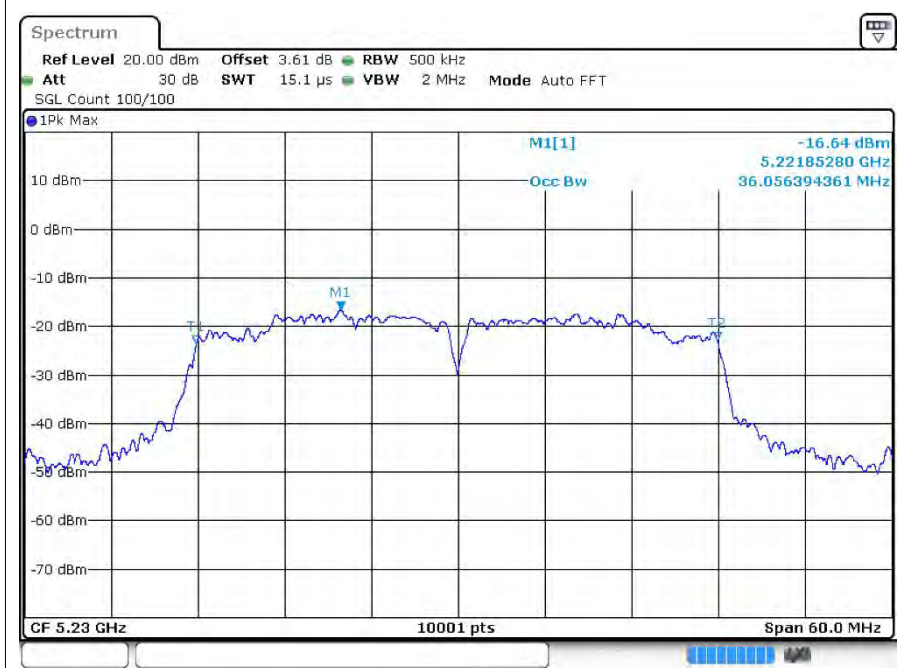




OBWac40 5190MHz Ant1

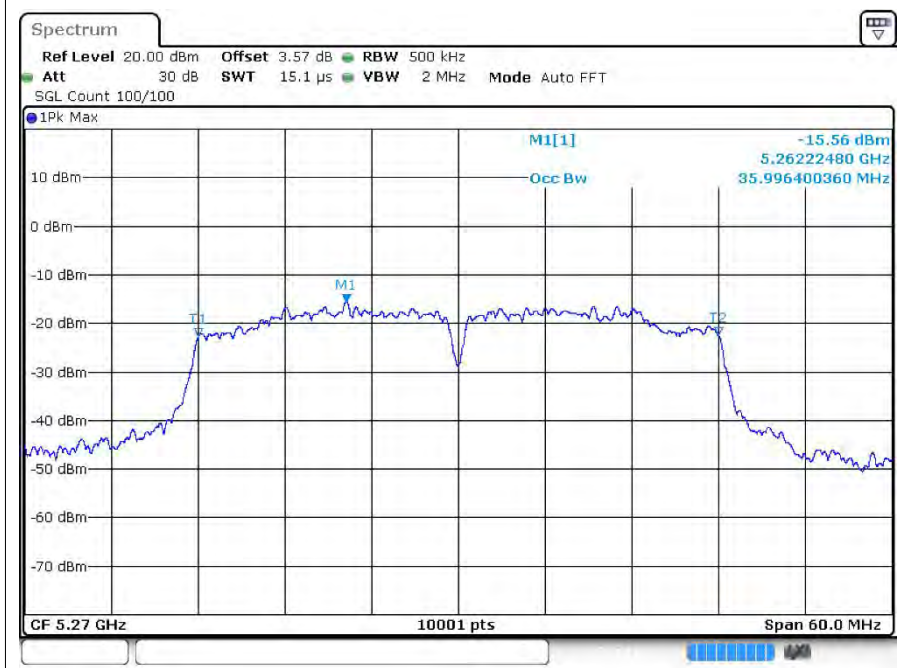


OBWac40 5230MHz Ant1

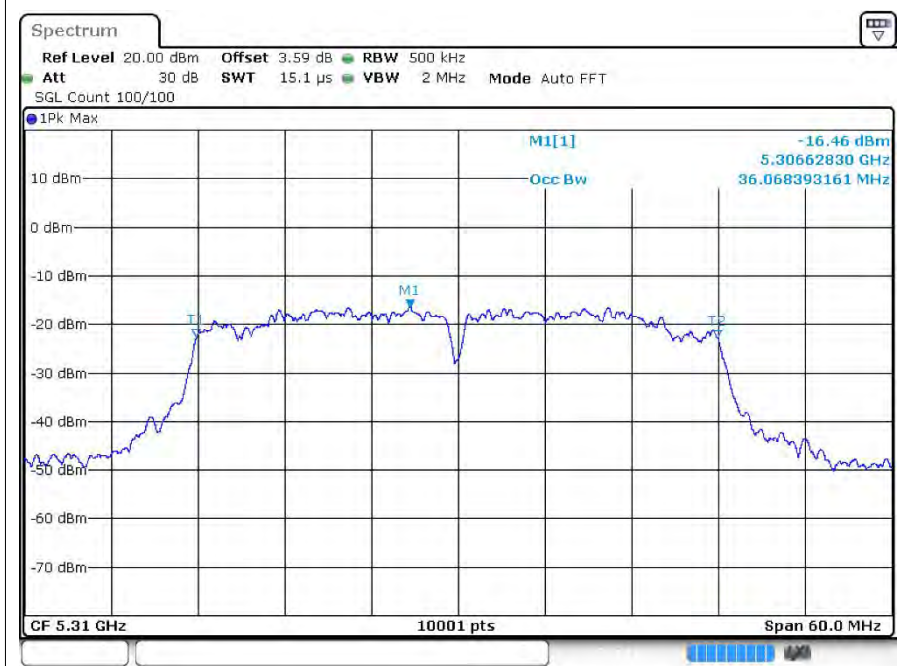




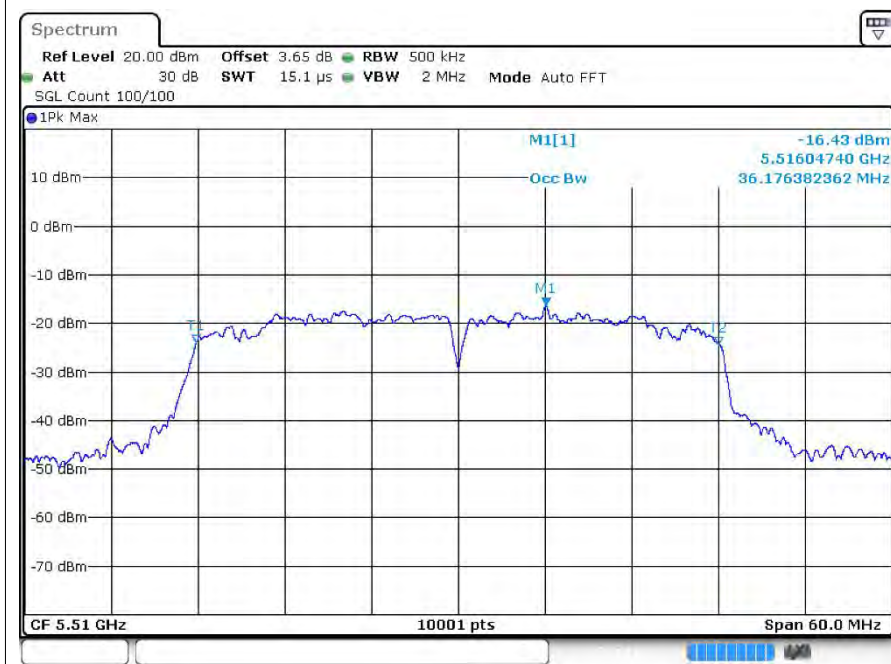
OBW ac40 5270MHz Ant1



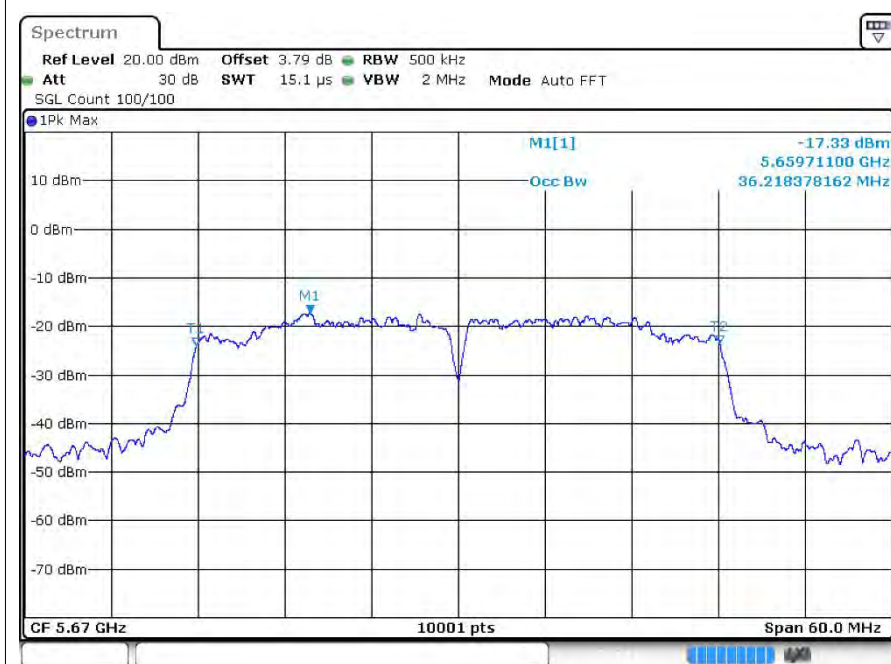
OBW ac40 5310MHz Ant1



OBWac40 5510MHz Ant1

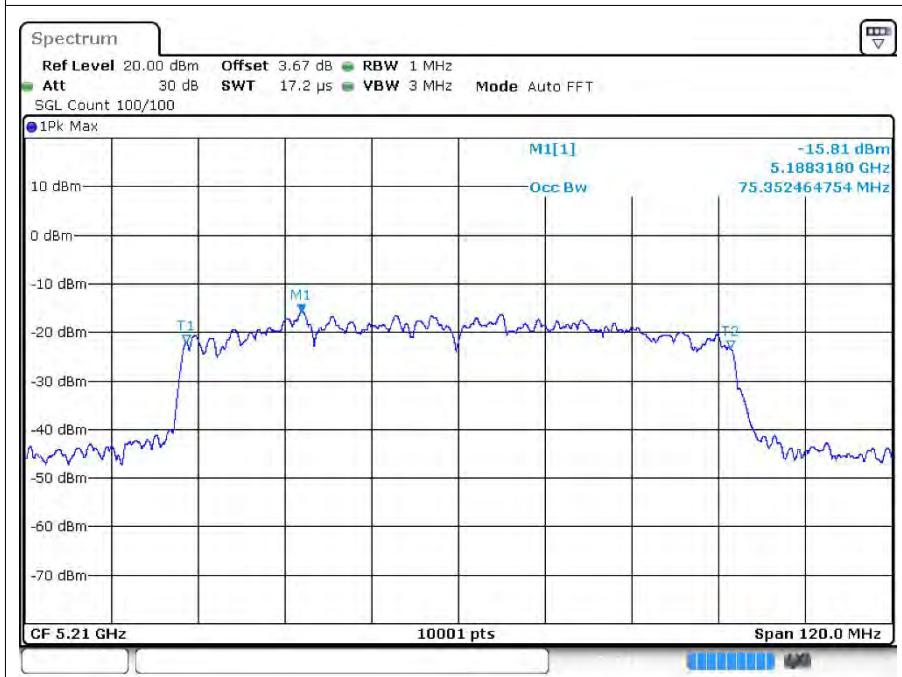


OBW ac40 5670MHz Ant1

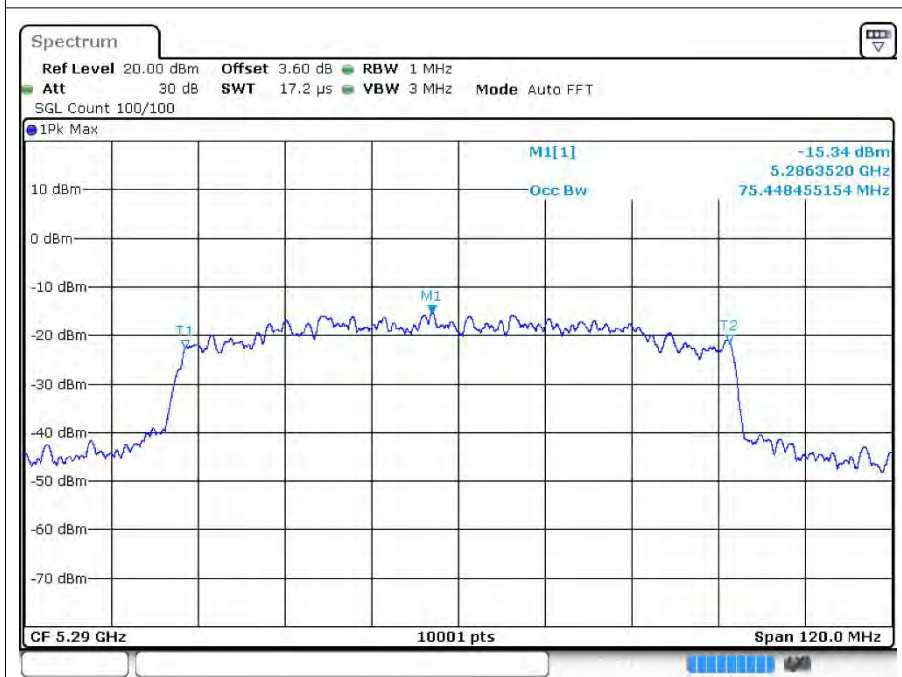




OBWac80 5210MHz Ant1

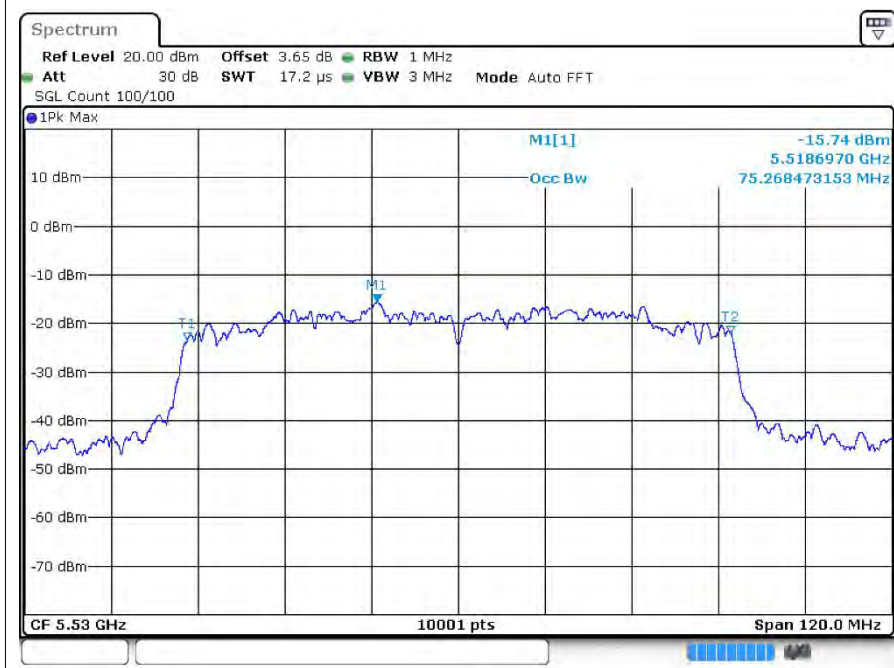


OBWac80 5290MHz Ant1

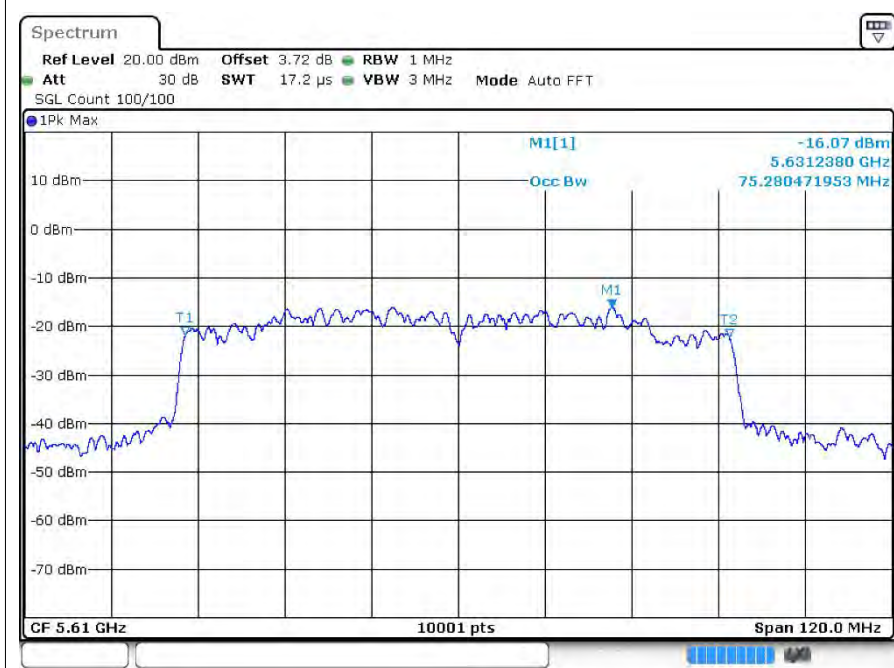




OBW ac80 5530MHz Ant1



OBWac80 5610MHz Ant1





5 Maximum Power Spectral Density Level

5.1 Test Result

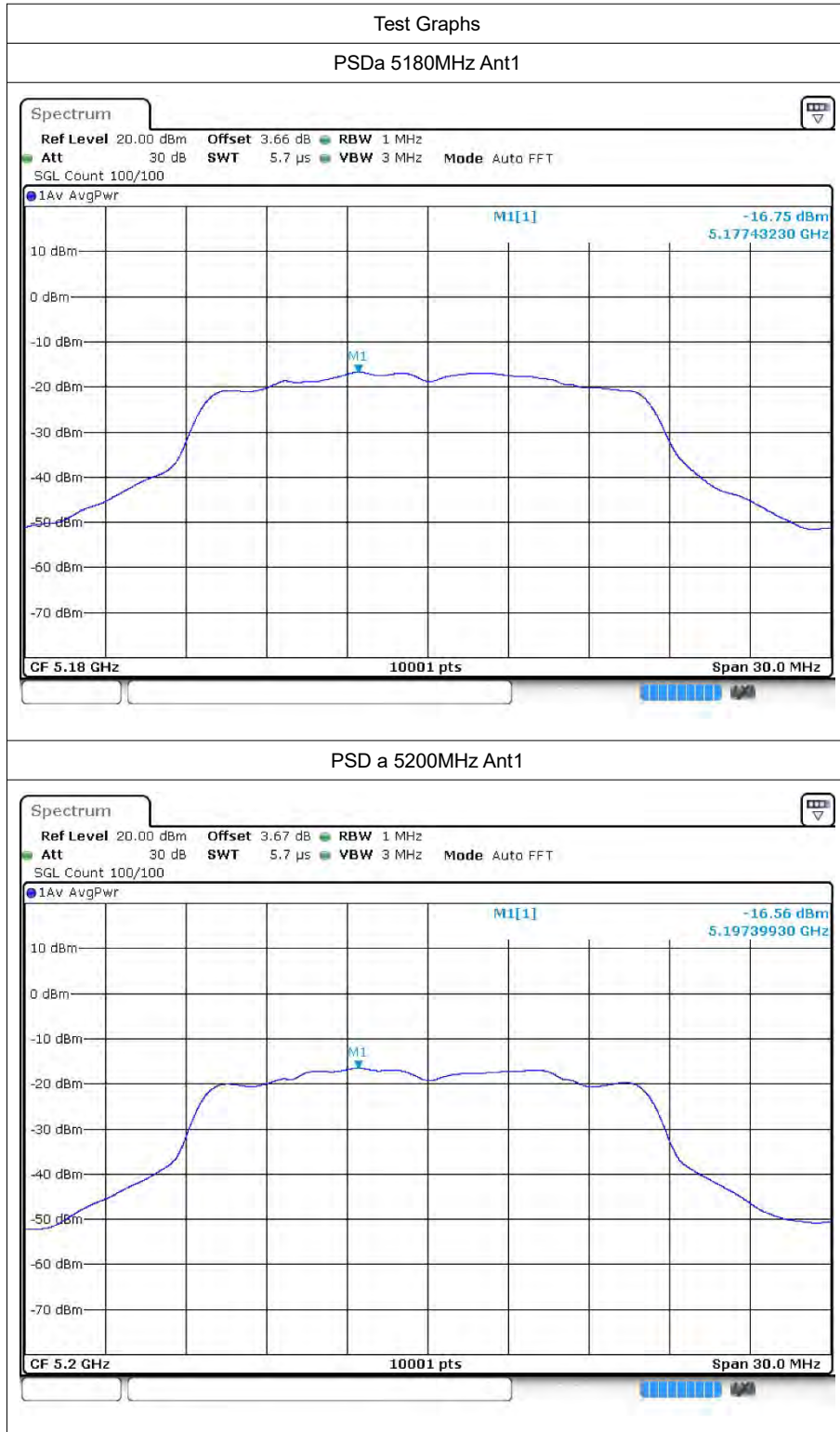
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	-16.75	0.62	-16.13	11	Pass
a	5200	Ant1	-16.56	0.62	-15.94	11	Pass
a	5240	Ant1	-16.95	0.62	-16.33	11	Pass
a	5260	Ant1	-16.06	0.61	-15.45	11	Pass
a	5280	Ant1	-15.3	0.63	-14.67	11	Pass
a	5320	Ant1	-17.01	0.62	-16.39	11	Pass
a	5500	Ant1	-16.68	0.62	-16.06	11	Pass
a	5600	Ant1	-15.45	0.62	-14.83	11	Pass
a	5700	Ant1	-17.14	0.62	-16.52	11	Pass
n20	5180	Ant1	-17.62	0.59	-17.03	11	Pass
n20	5200	Ant1	-17.83	0.59	-17.24	11	Pass
n20	5240	Ant1	-17.4	0.59	-16.81	11	Pass
n20	5280	Ant1	-16.77	0.59	-16.18	11	Pass
n20	5320	Ant1	-16.63	0.59	-16.04	11	Pass
n20	5500	Ant1	-17.33	0.59	-16.74	11	Pass
n20	5600	Ant1	-16.78	0.58	-16.2	11	Pass
n20	5700	Ant1	-18.08	0.62	-17.46	11	Pass
n40	5190	Ant1	-21.08	1.19	-19.89	11	Pass
n40	5230	Ant1	-21.87	1.19	-20.68	11	Pass
n40	5270	Ant1	-20.67	1.17	-19.5	11	Pass
n40	5310	Ant1	-20.39	1.18	-19.21	11	Pass
n40	5510	Ant1	-21.08	1.19	-19.89	11	Pass
n40	5670	Ant1	-21.77	1.19	-20.58	11	Pass
ac20	5180	Ant1	-17.26	0.6	-16.66	11	Pass
ac20	5200	Ant1	-17.66	0.61	-17.05	11	Pass
ac20	5240	Ant1	-17.19	0.61	-16.58	11	Pass
ac20	5280	Ant1	-17.58	0.6	-16.98	11	Pass
ac20	5320	Ant1	-17.05	0.61	-16.44	11	Pass
ac20	5500	Ant1	-17.4	0.6	-16.8	11	Pass
ac20	5600	Ant1	-16.72	0.61	-16.11	11	Pass
ac20	5700	Ant1	-18.71	0.62	-18.09	11	Pass
ac40	5190	Ant1	-21.24	1.29	-19.95	11	Pass
ac40	5230	Ant1	-20.9	1.29	-19.61	11	Pass
ac40	5270	Ant1	-20.52	1.26	-19.26	11	Pass
ac40	5310	Ant1	-20.5	1.26	-19.24	11	Pass

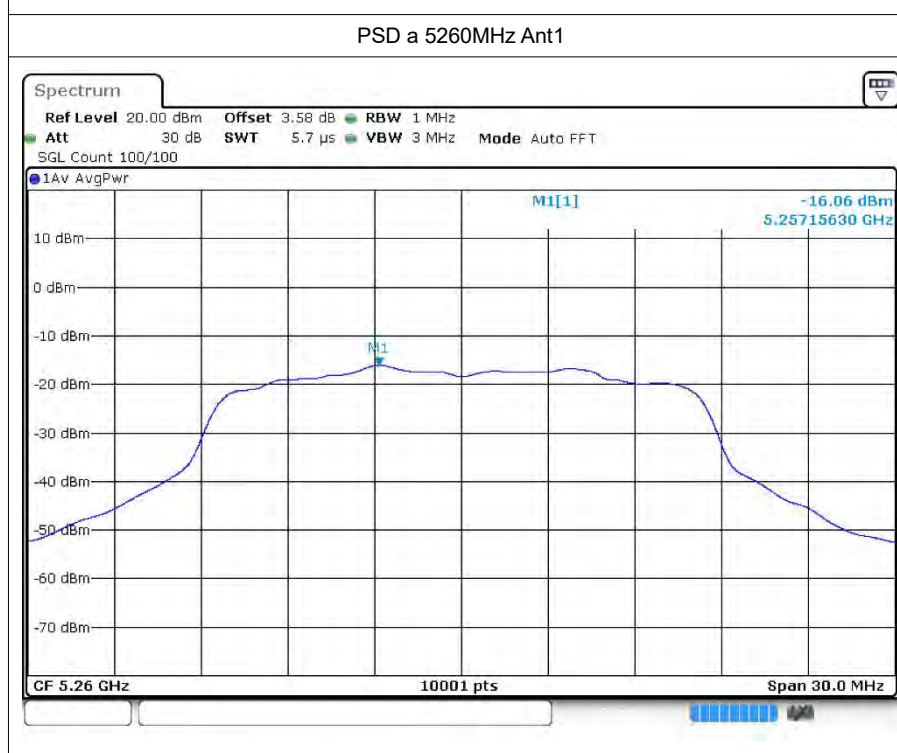
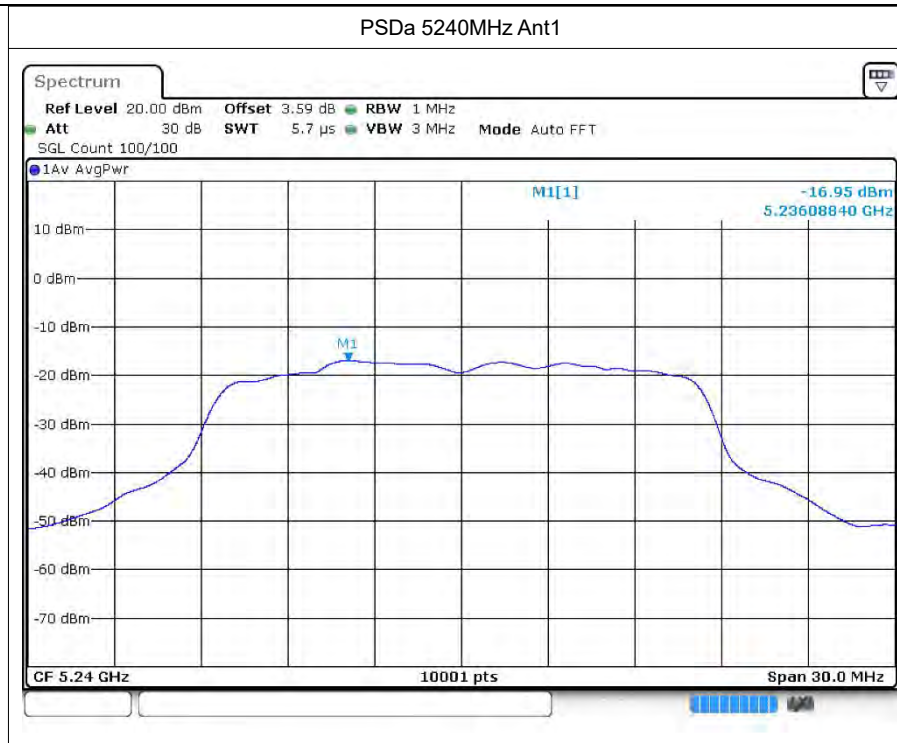


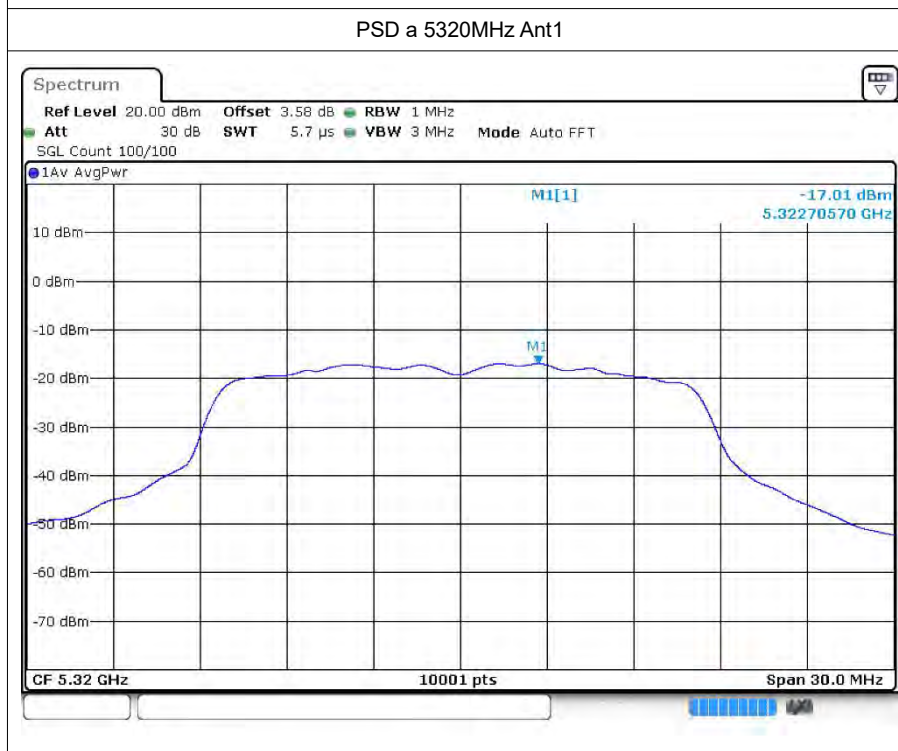
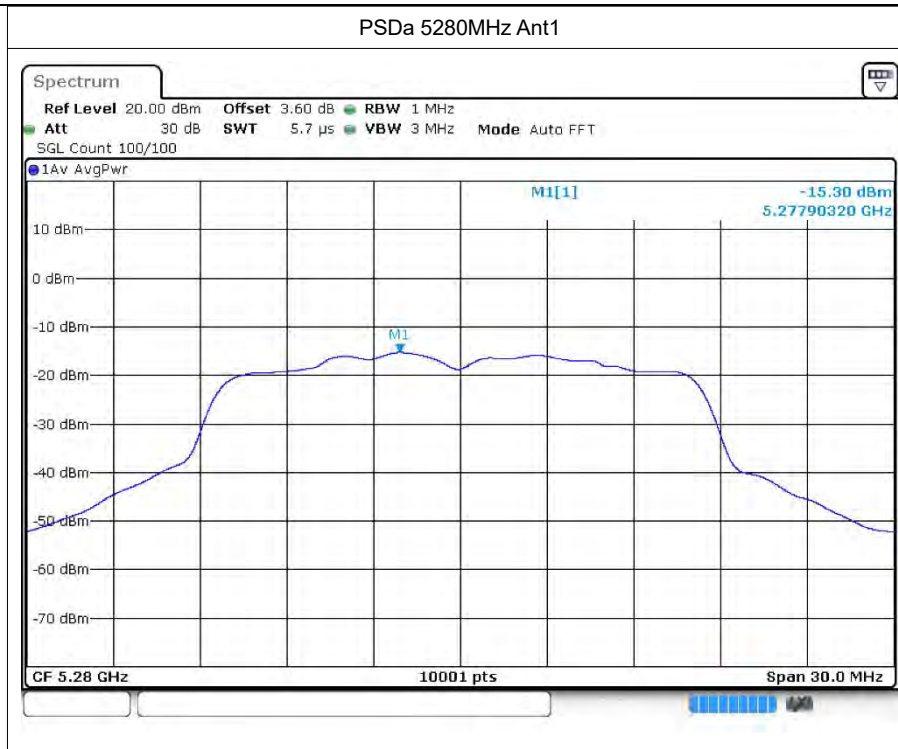
ac40	5510	Ant1	-21.64	1.29	-20.35	11	Pass
ac40	5670	Ant1	-21.82	1.3	-20.52	11	Pass
ac80	5210	Ant1	-24.33	2.06	-22.27	11	Pass
ac80	5290	Ant1	-23.87	1.52	-22.35	11	Pass
ac80	5530	Ant1	-23.78	2.53	-21.25	11	Pass
ac80	5610	Ant1	-23.87	1.63	-22.24	11	Pass

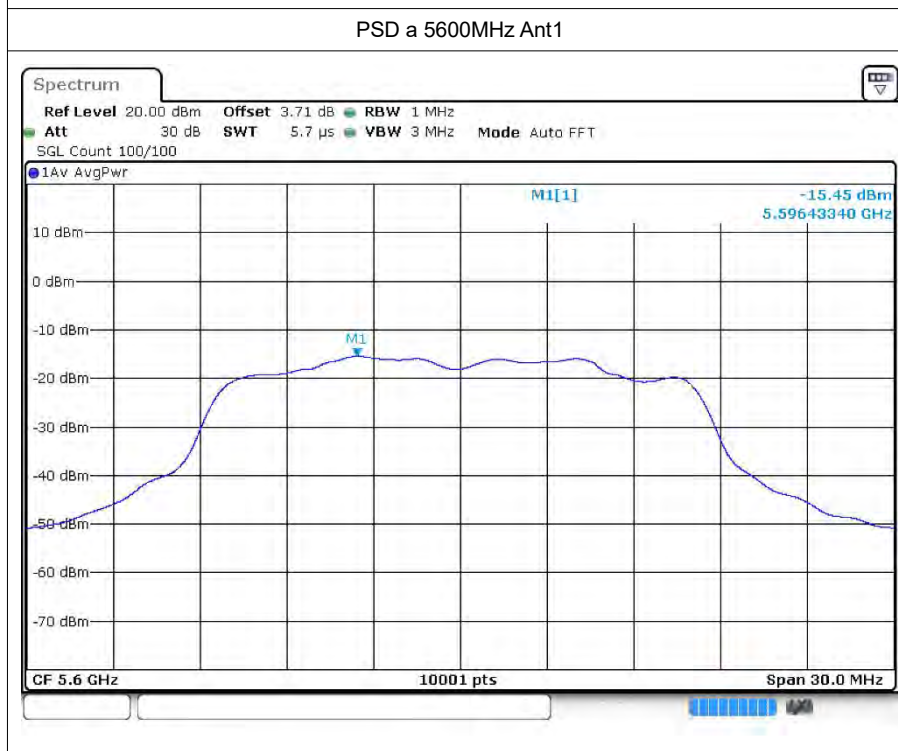
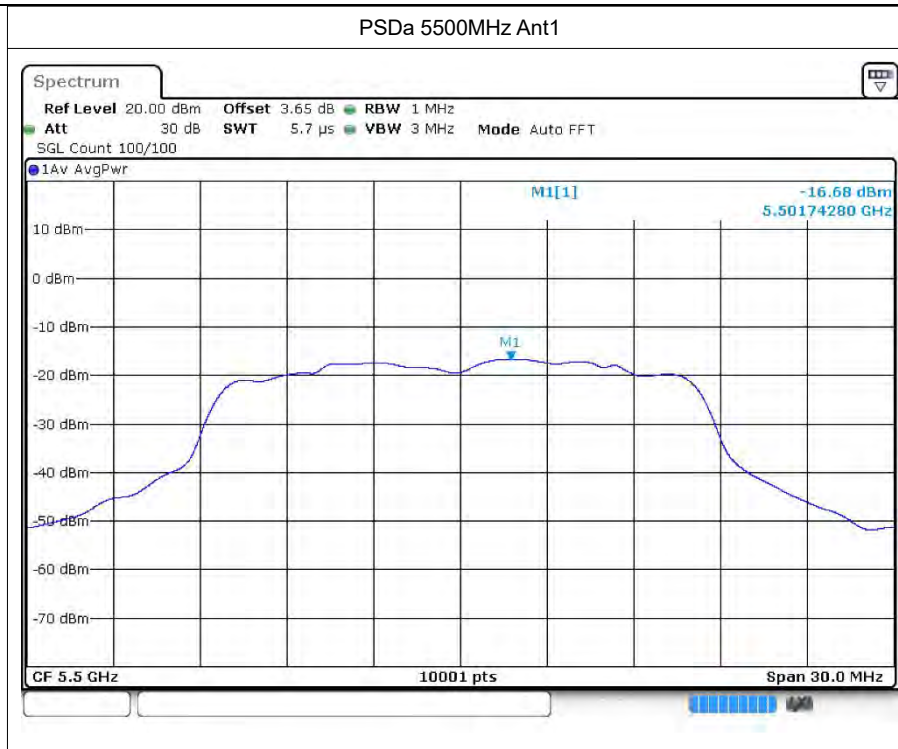


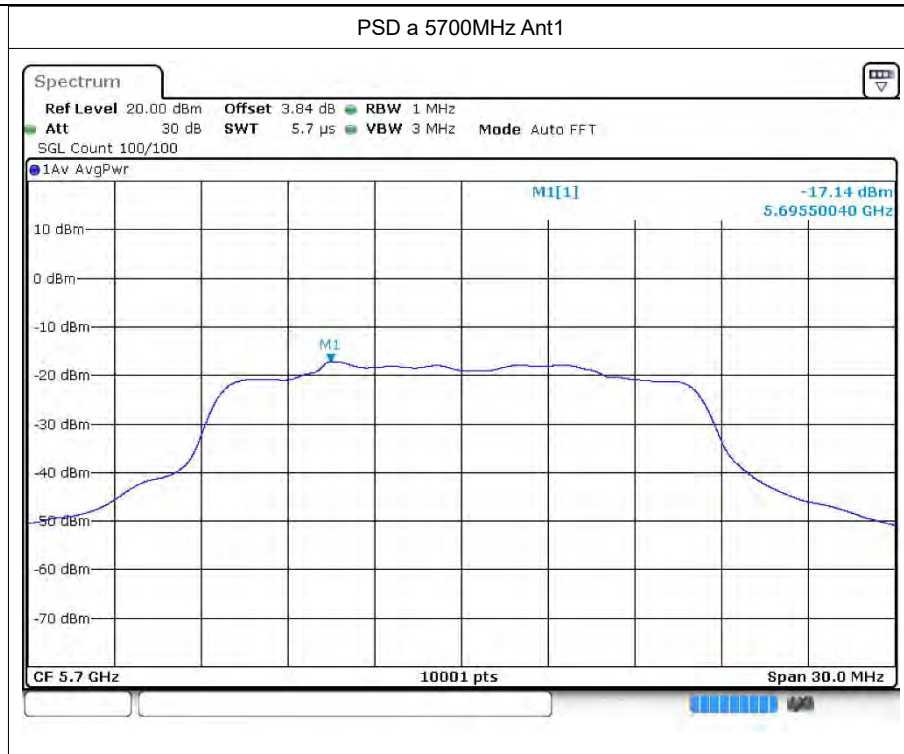
5.2 Test Graphs



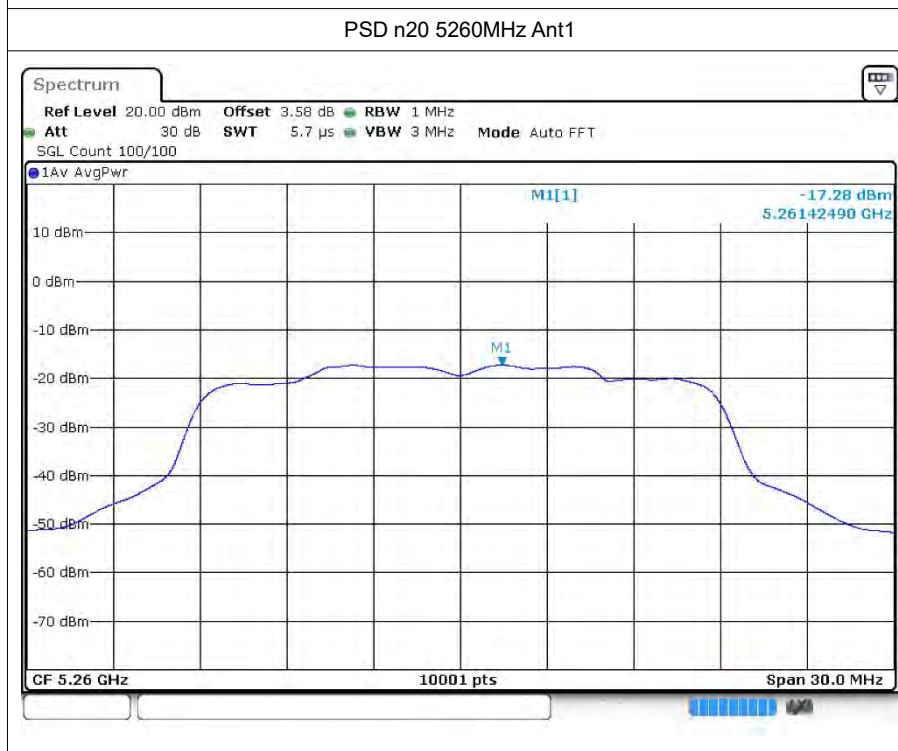
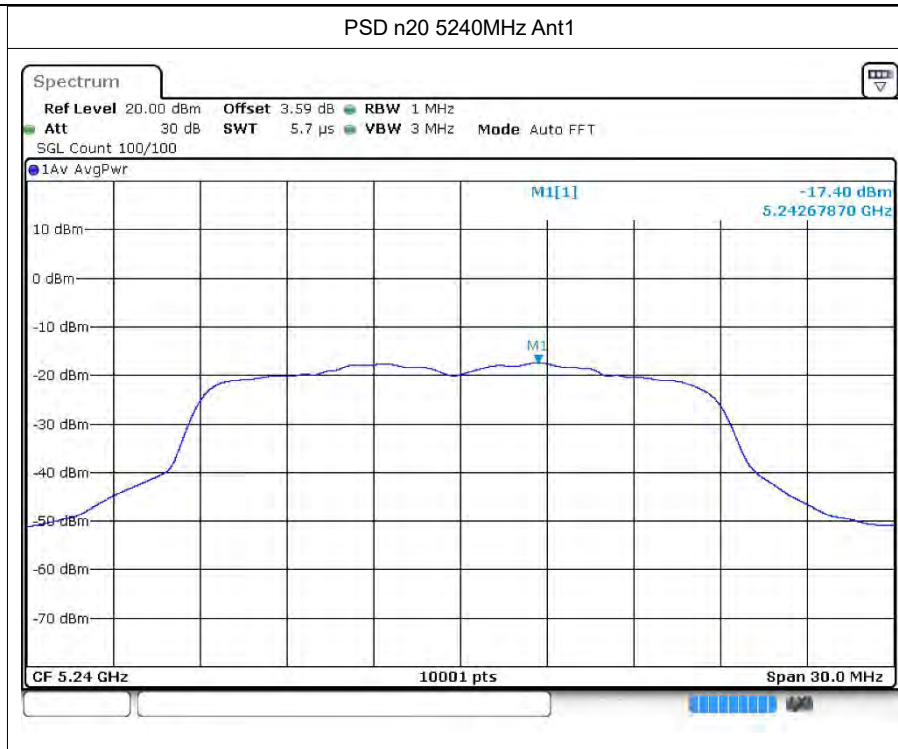


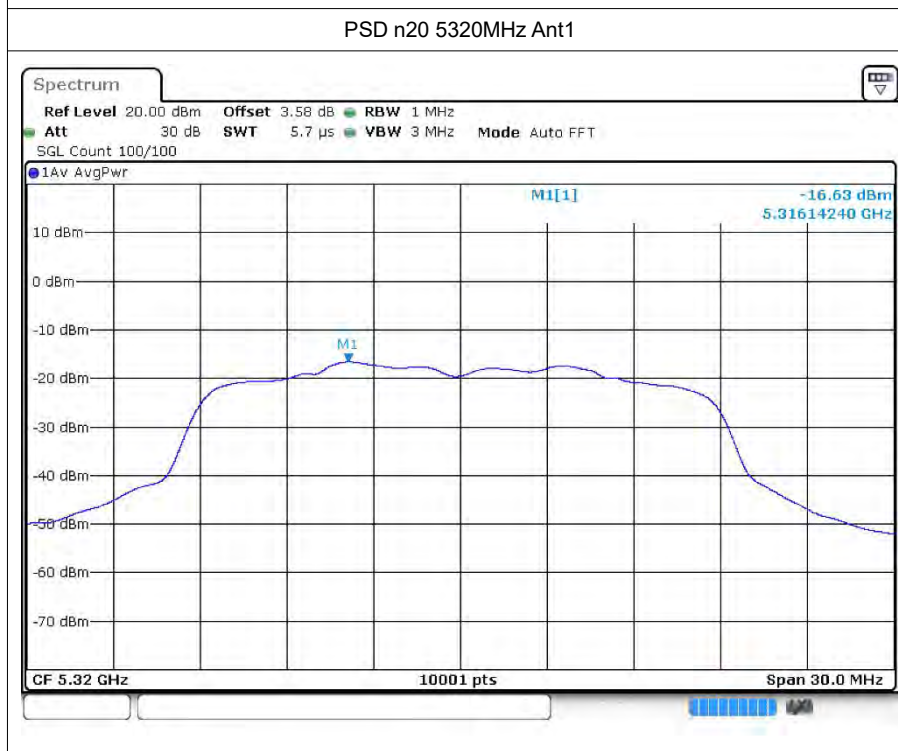
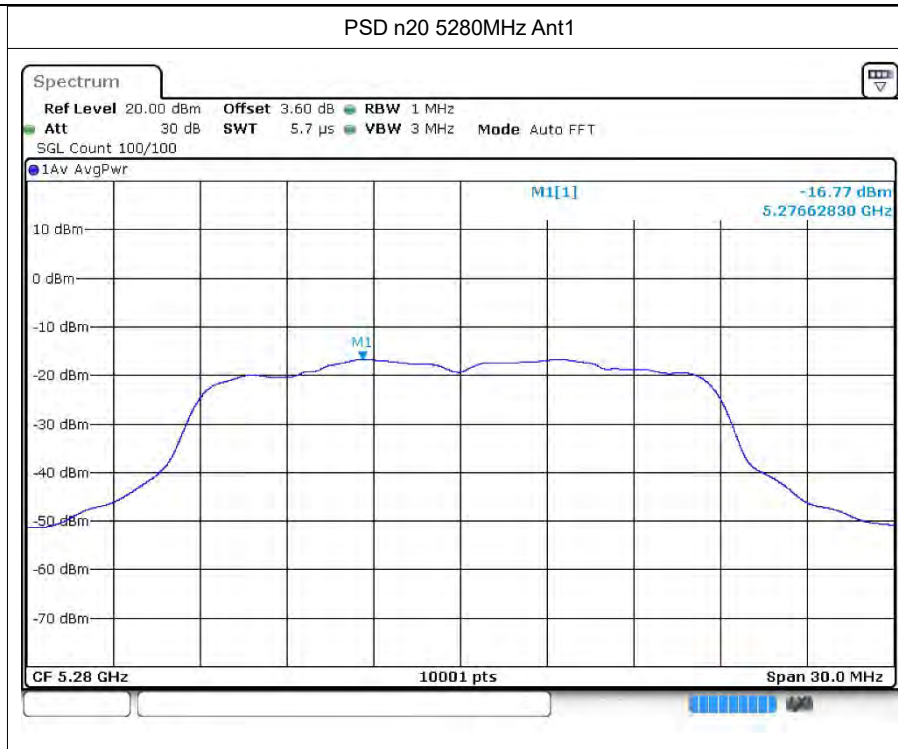


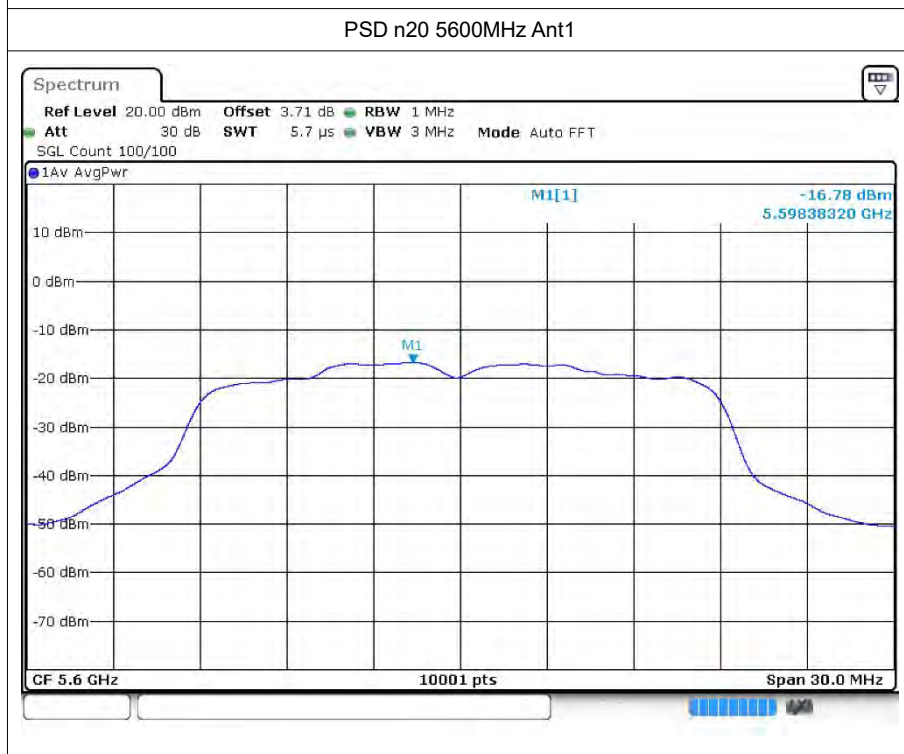
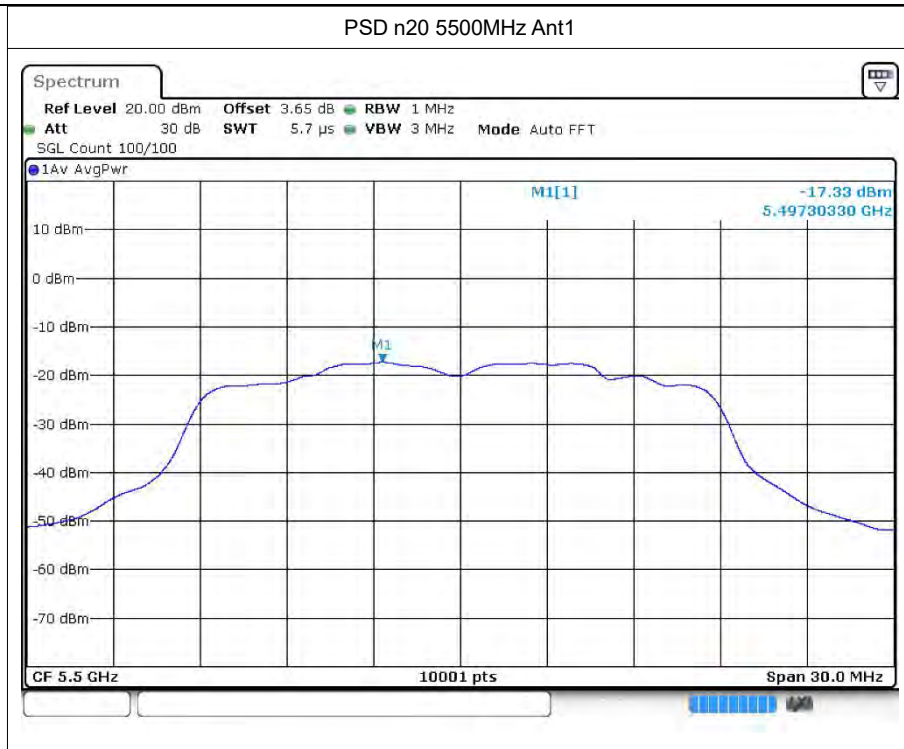


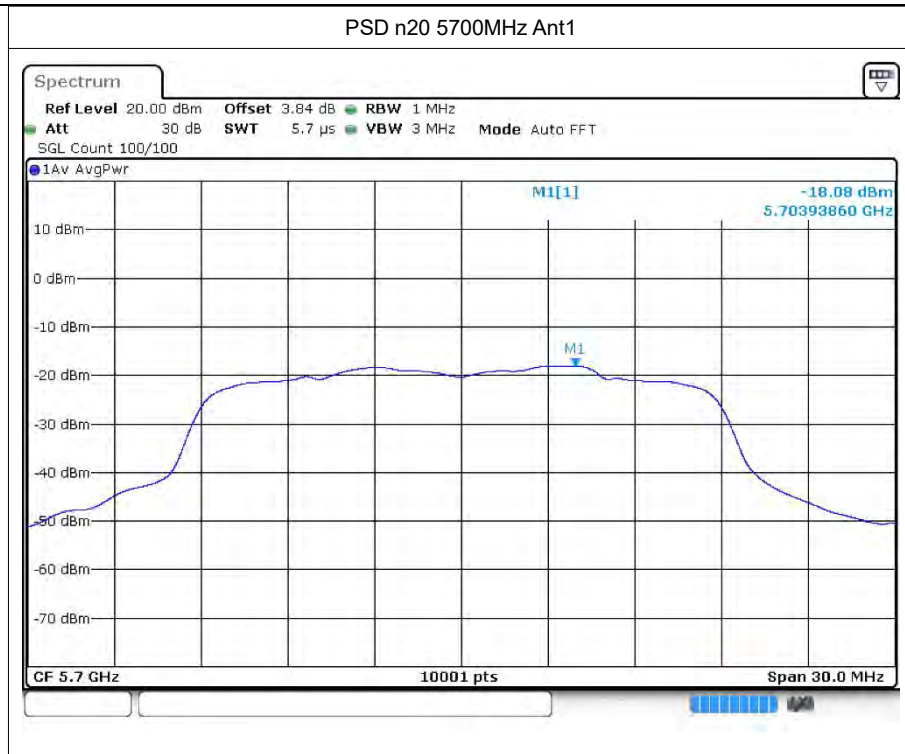


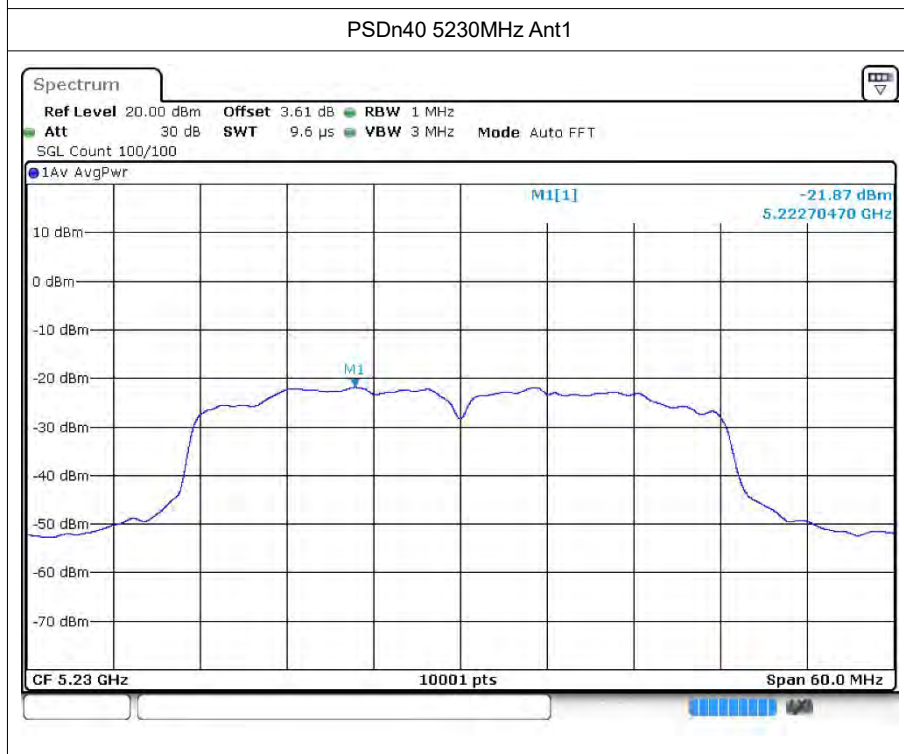
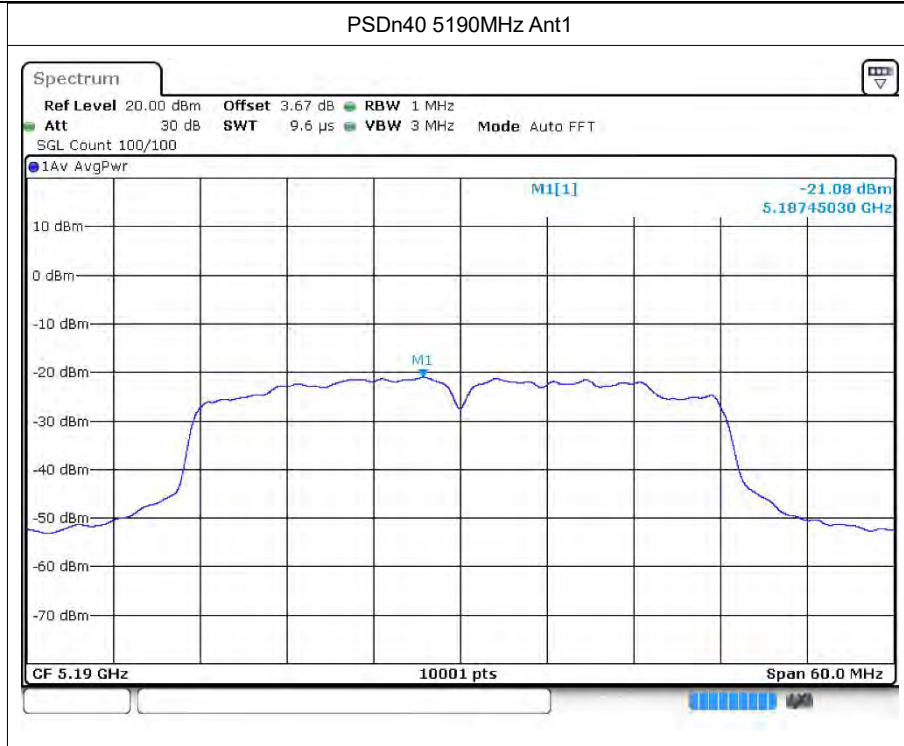


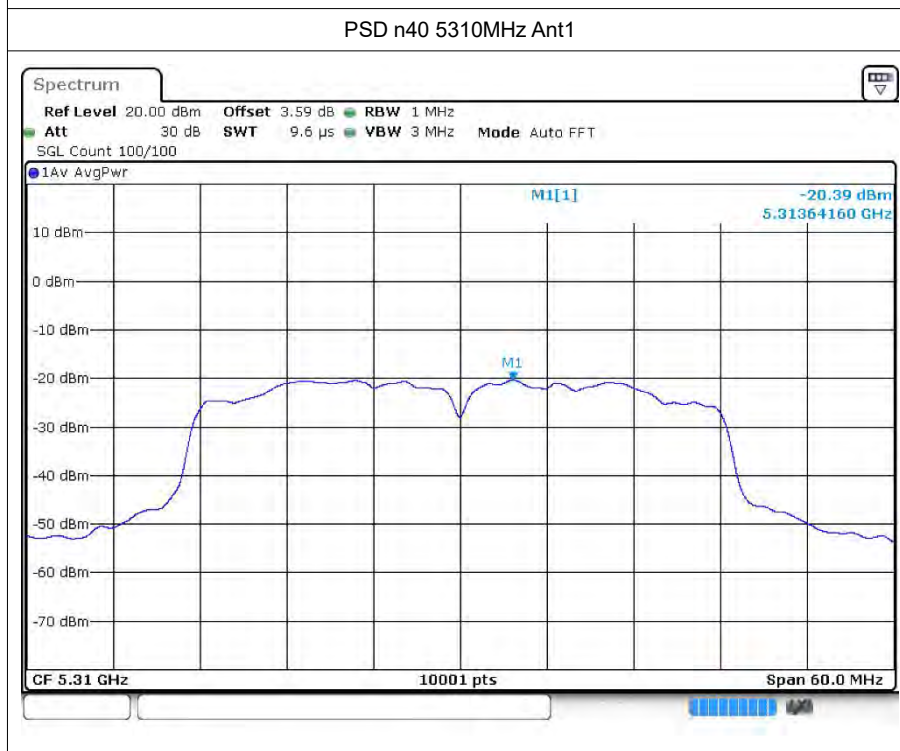
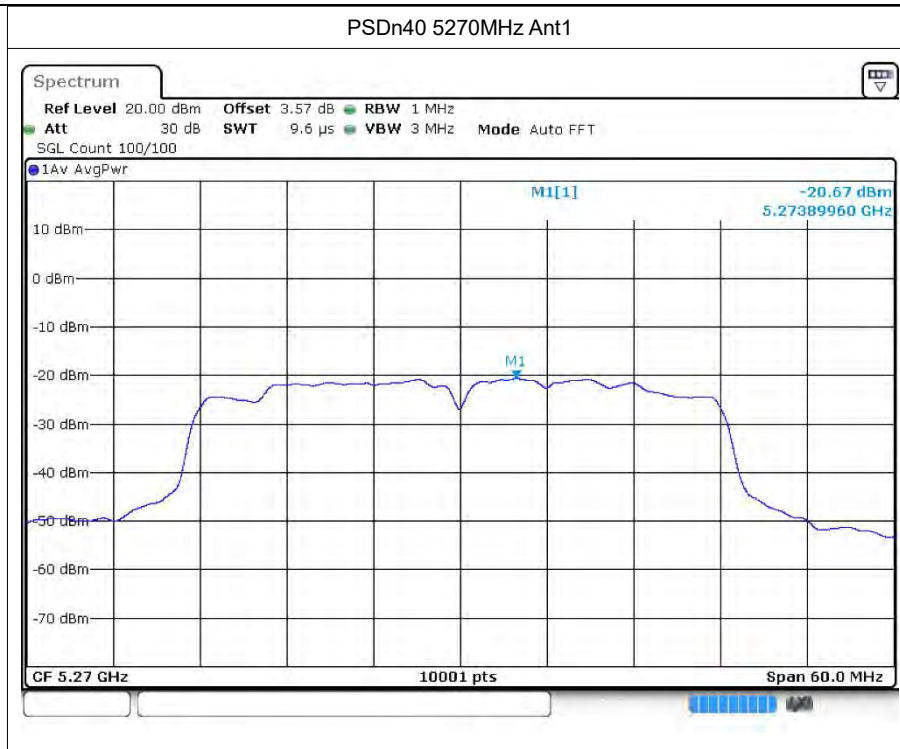


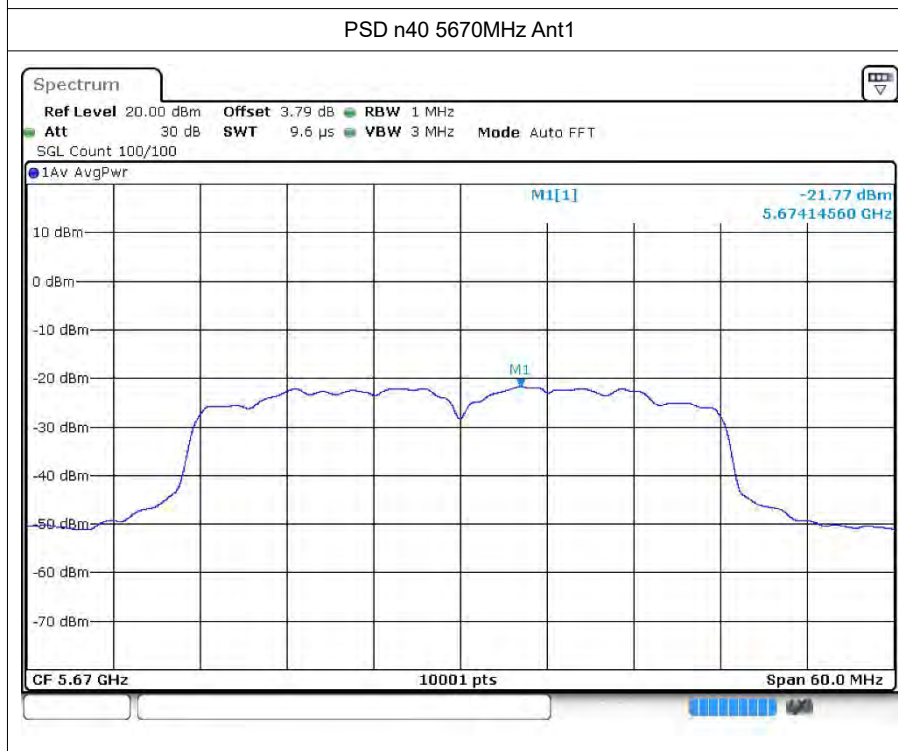
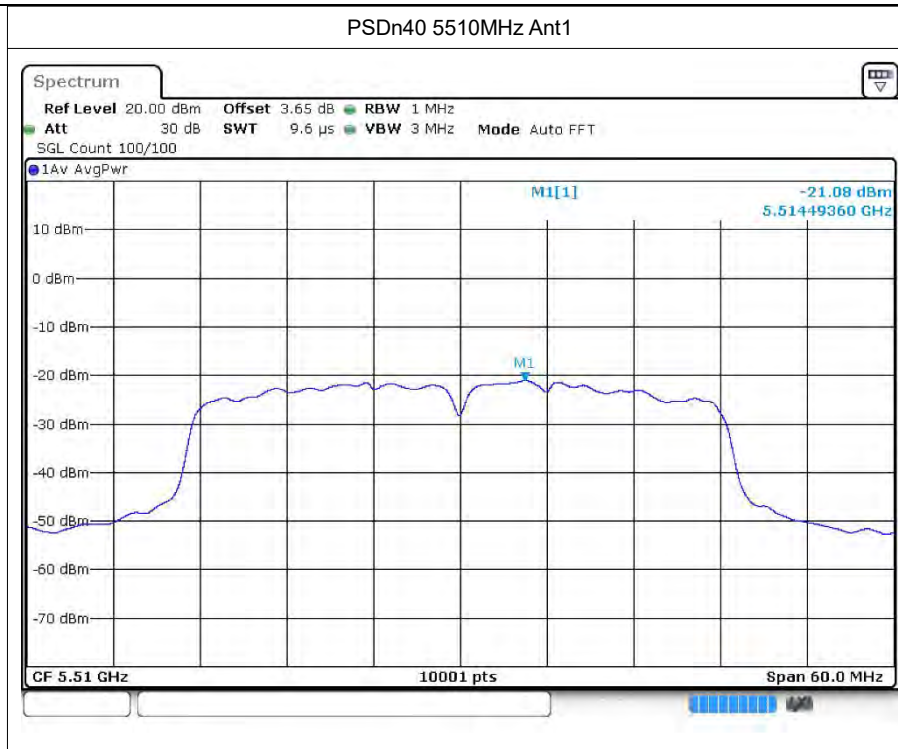


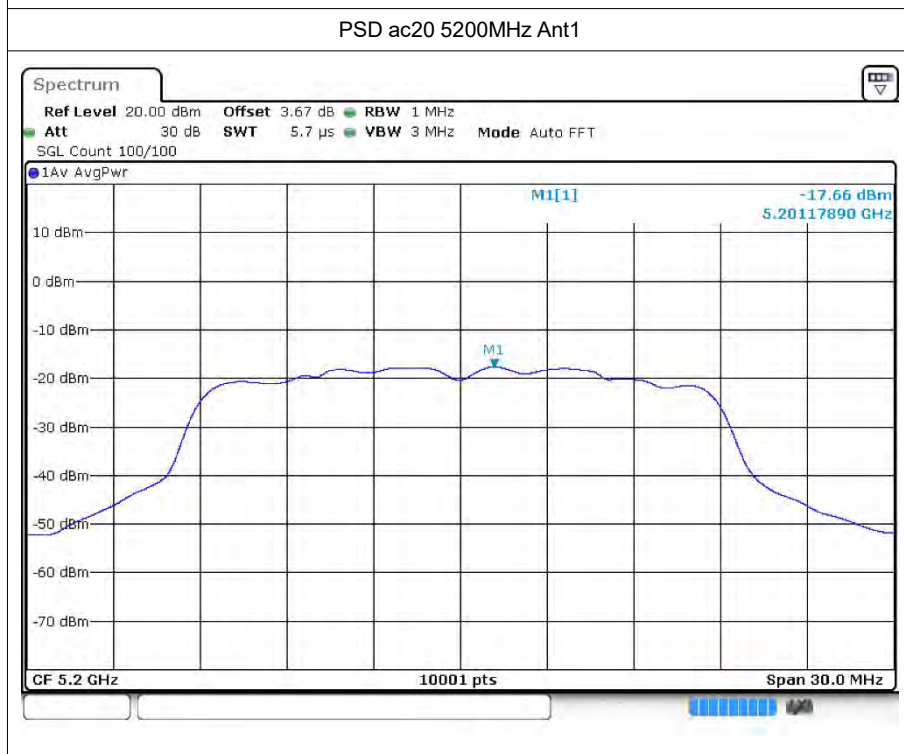
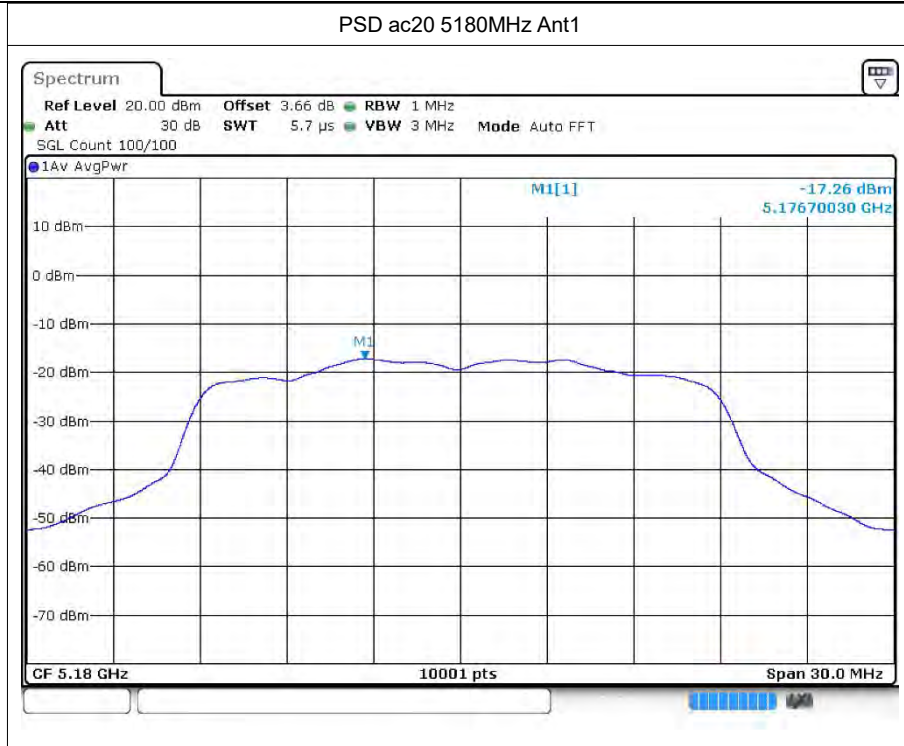




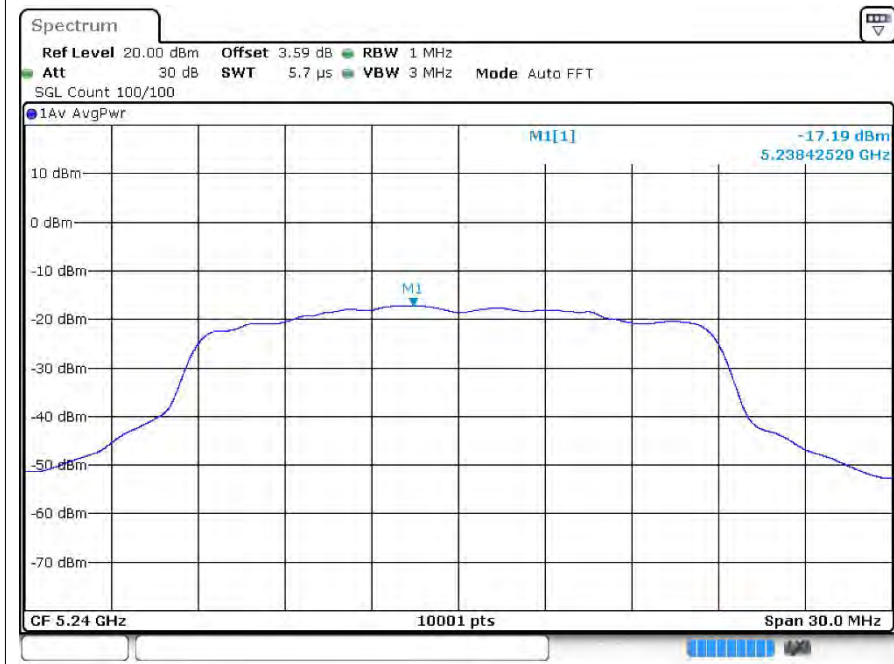




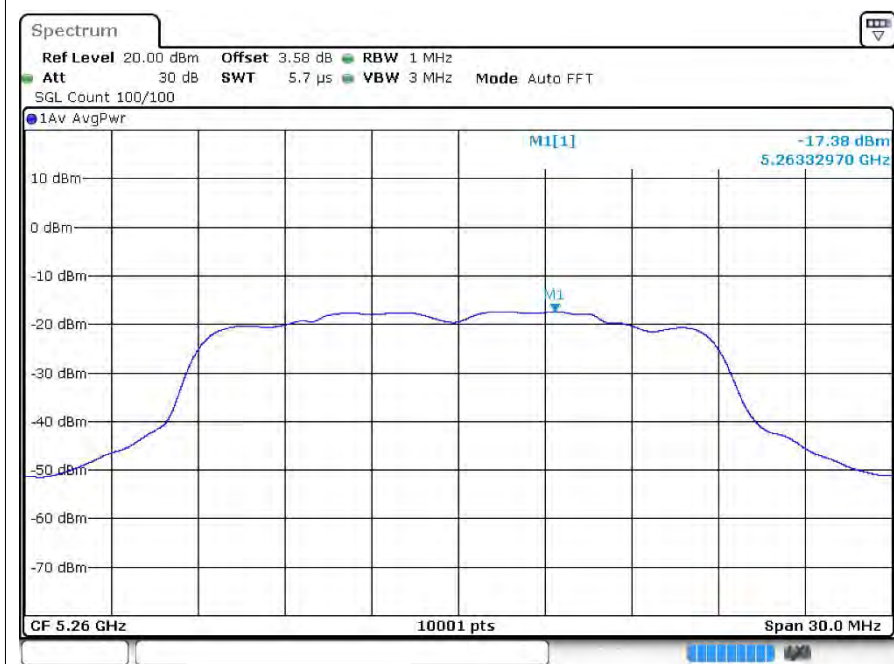




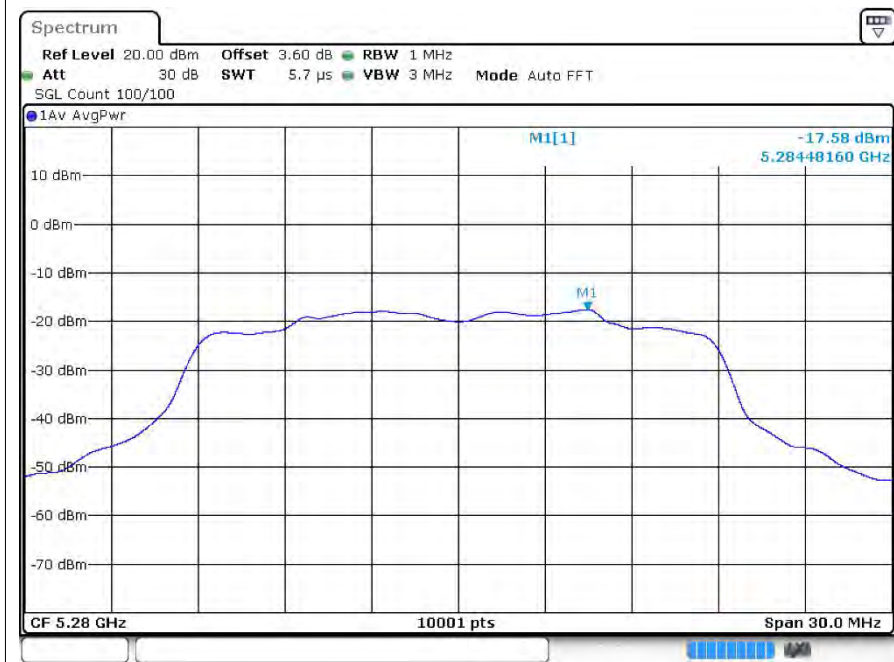
PSD ac20 5240MHz Ant1



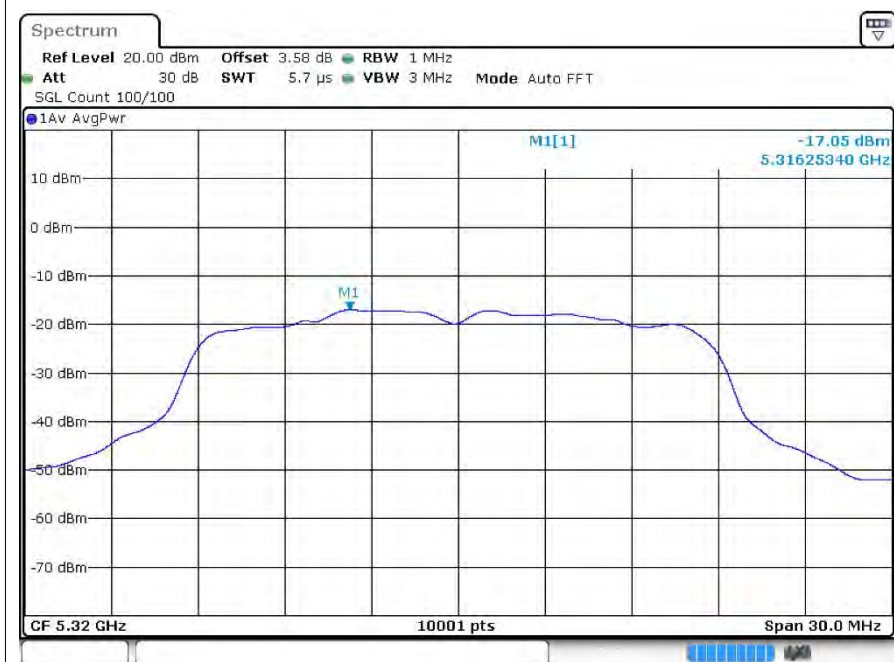
PSD ac20 5260MHz Ant1



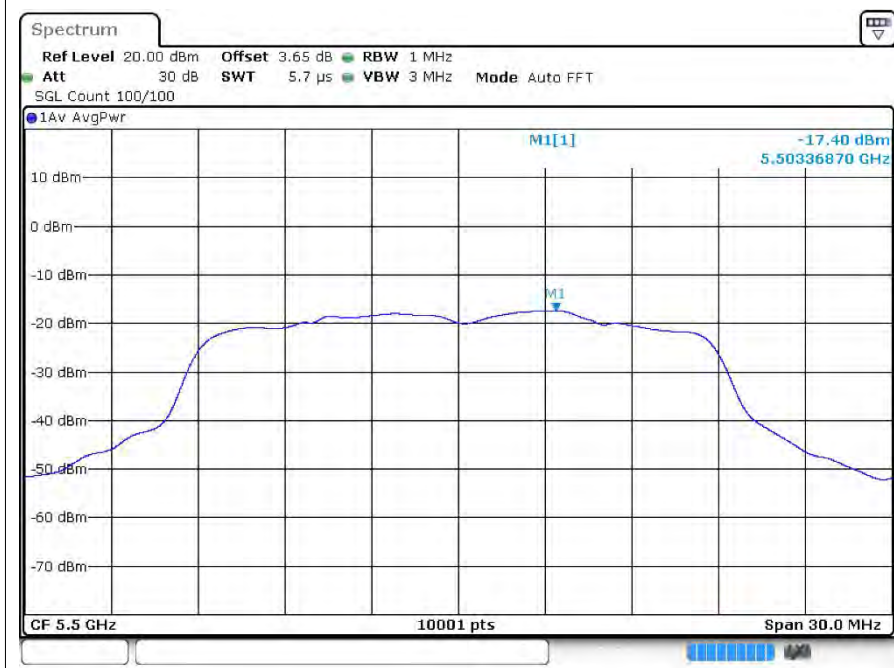
PSD ac20 5280MHz Ant1



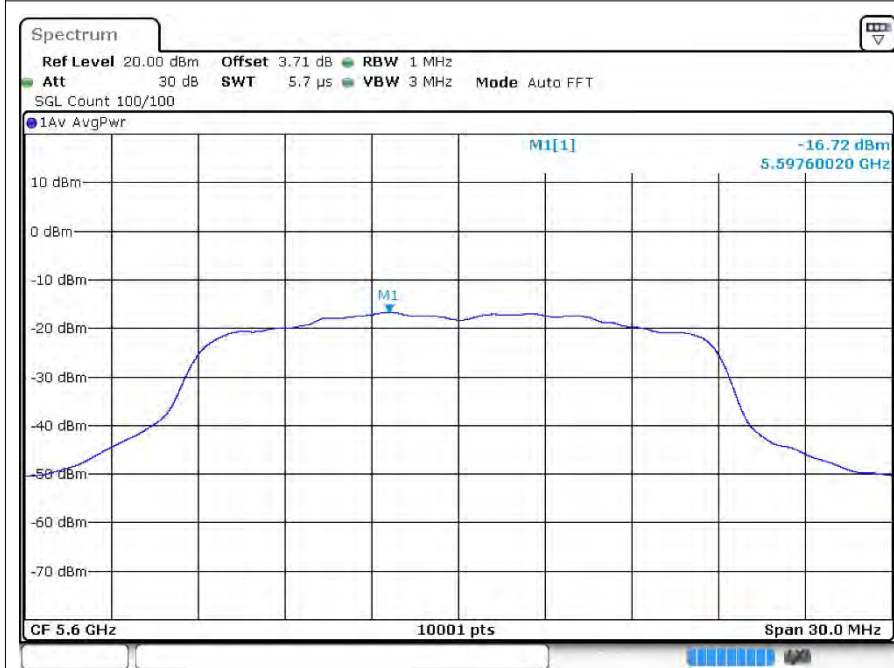
PSD ac20 5320MHz Ant1

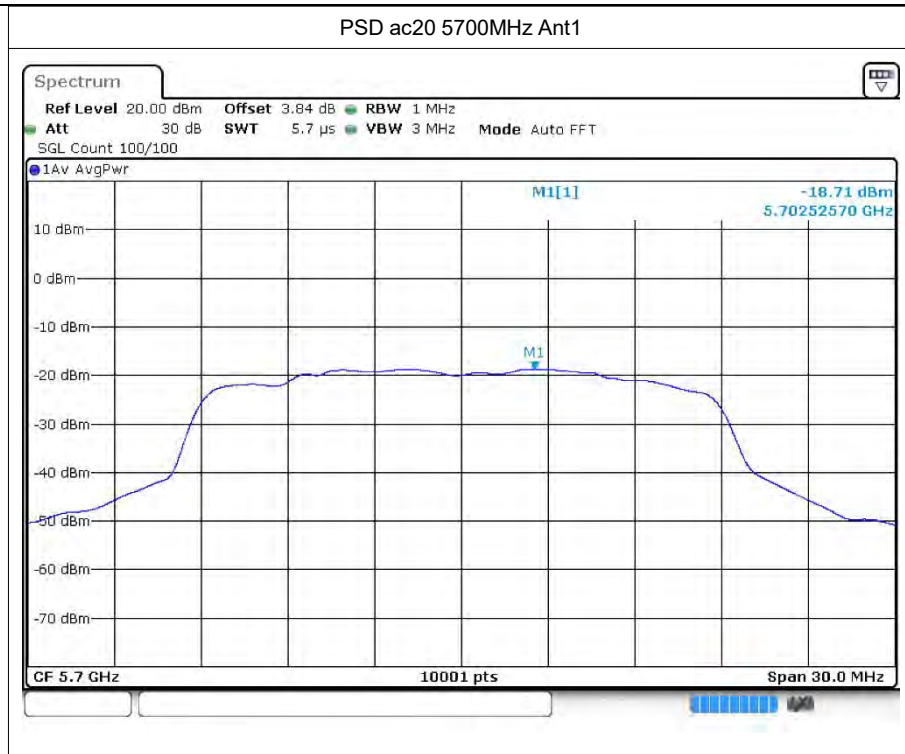


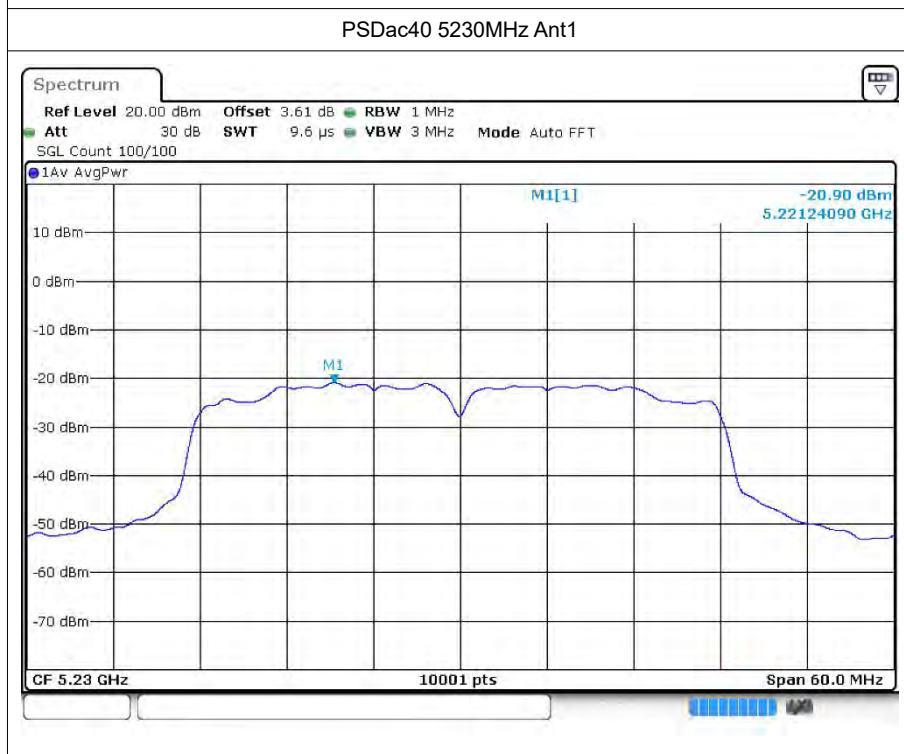
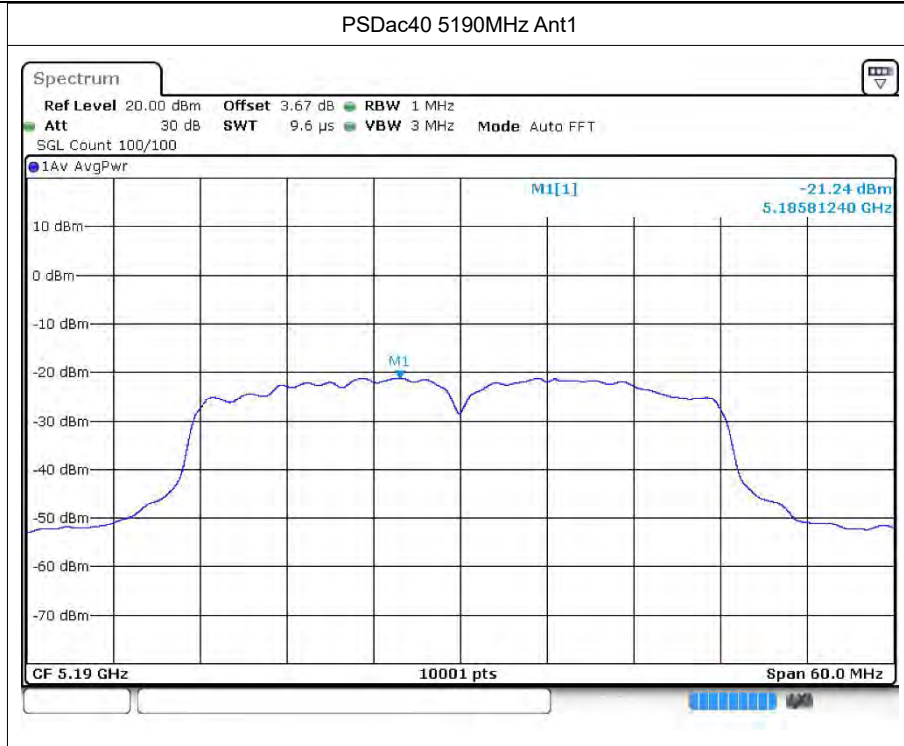
PSD ac20 5500MHz Ant1



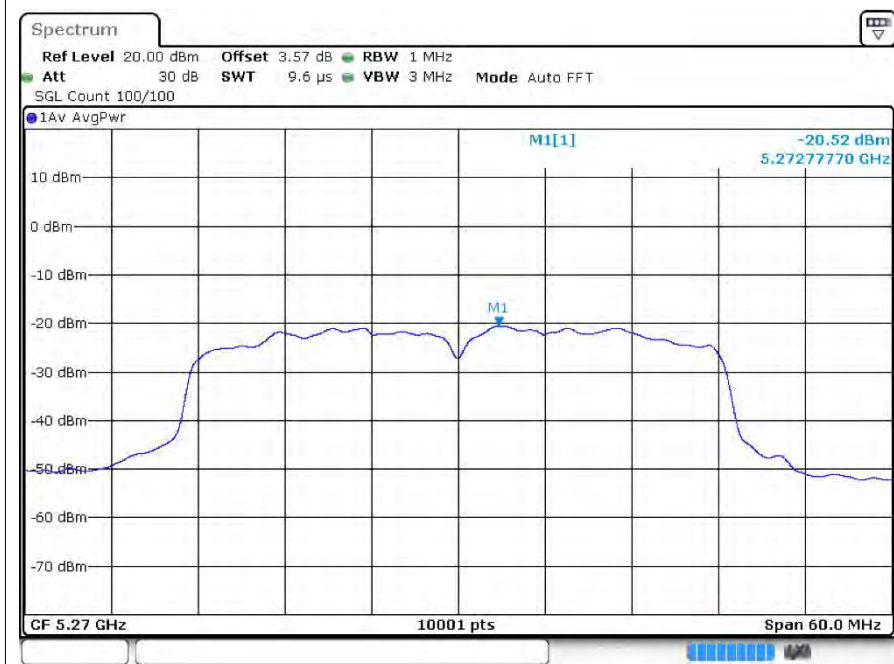
PSD ac20 5600MHz Ant1



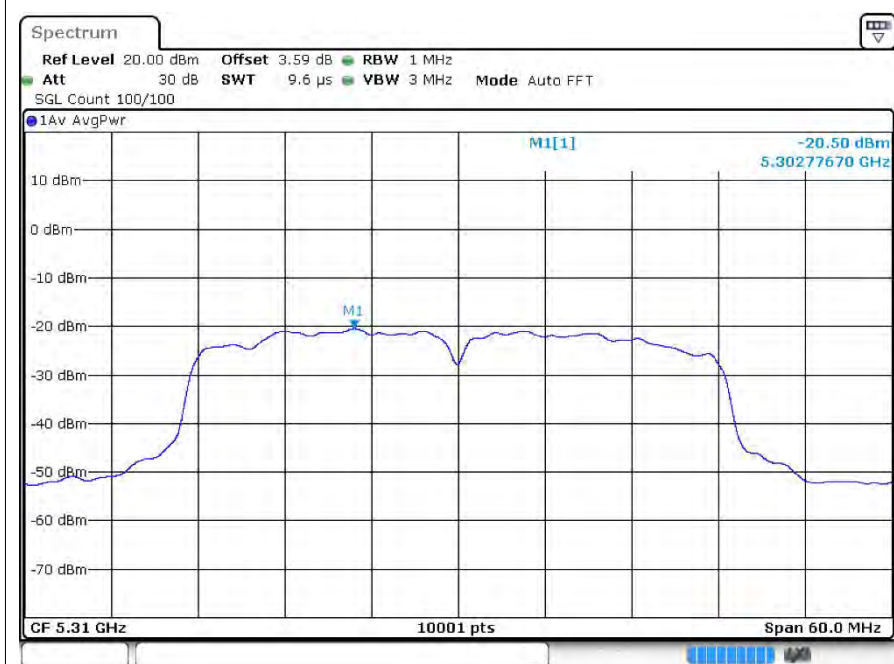




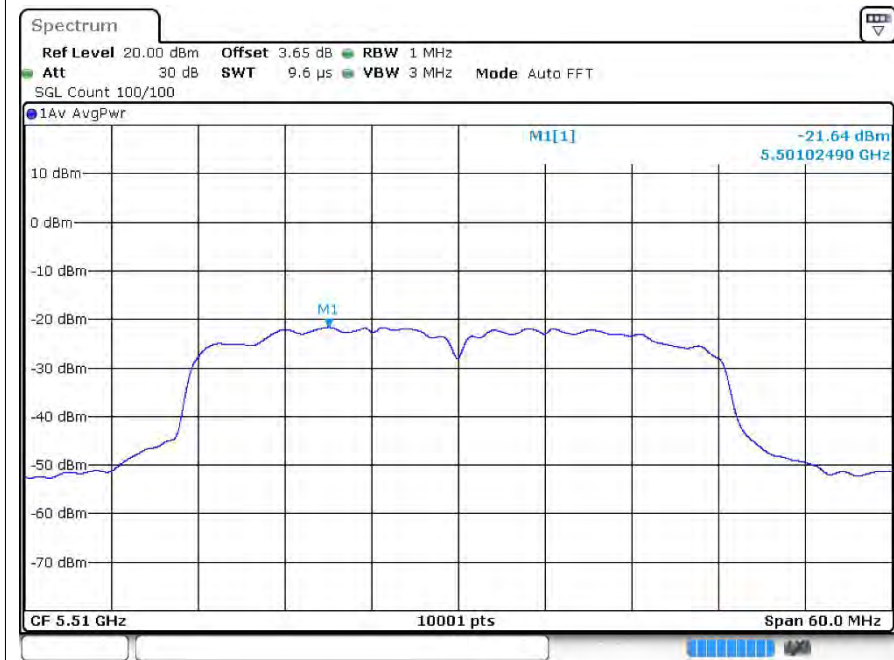
PSD ac40 5270MHz Ant1



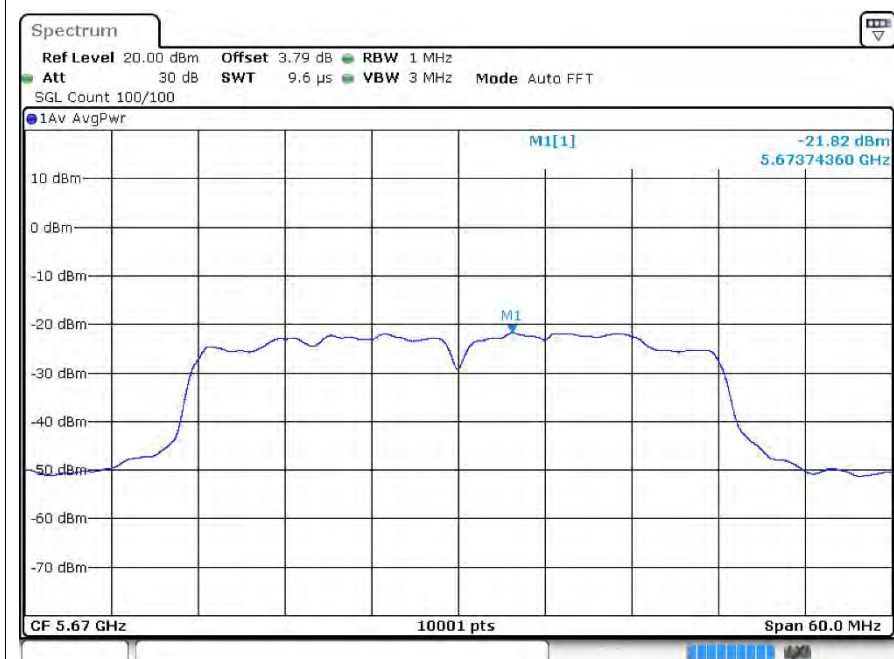
PSD ac40 5310MHz Ant1

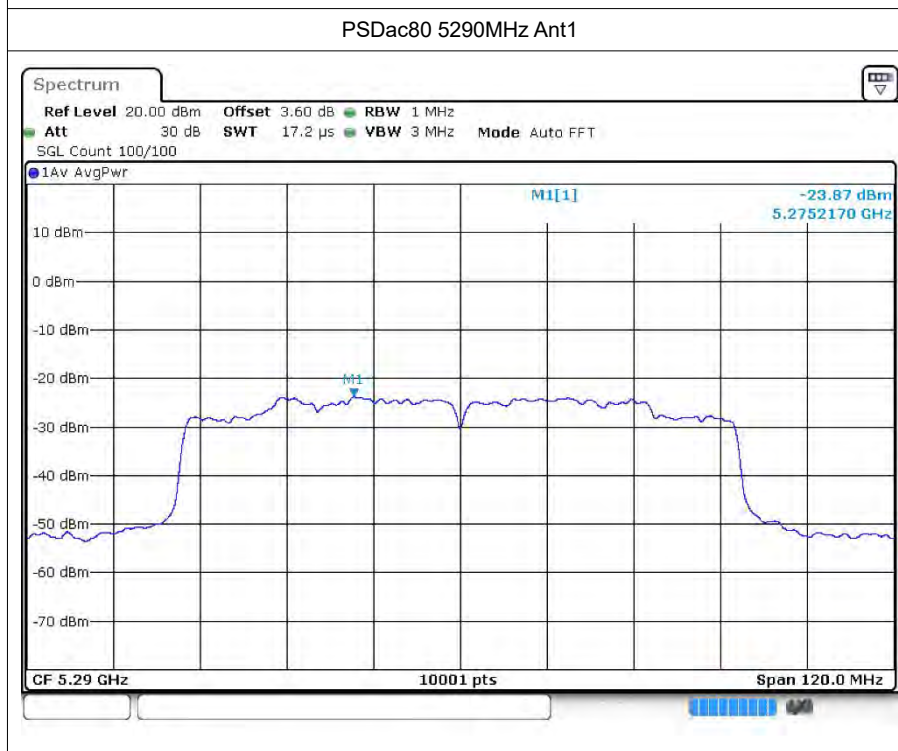
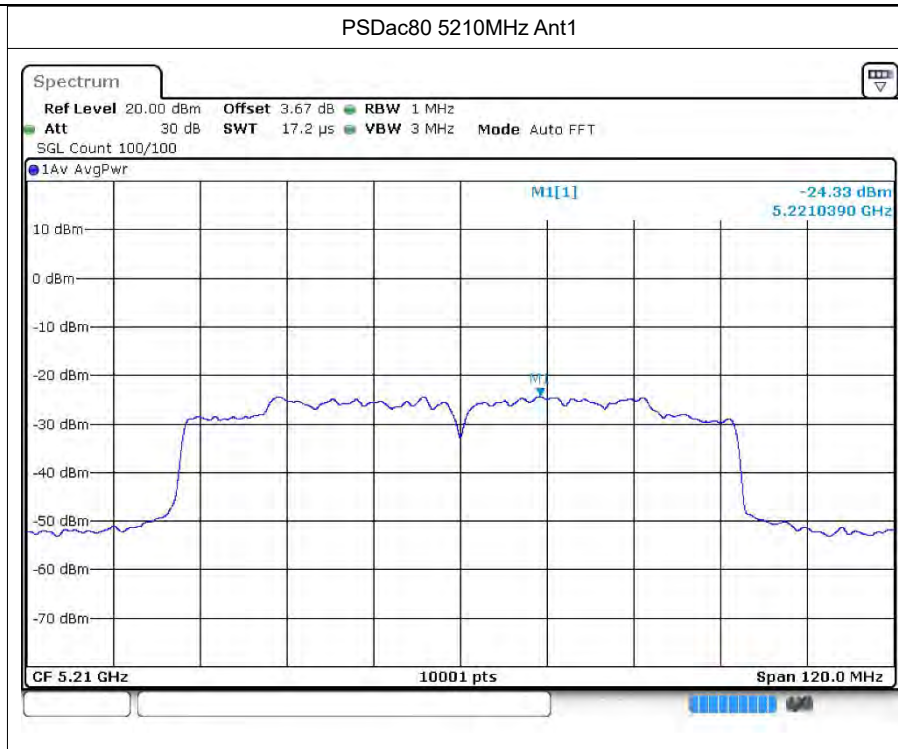


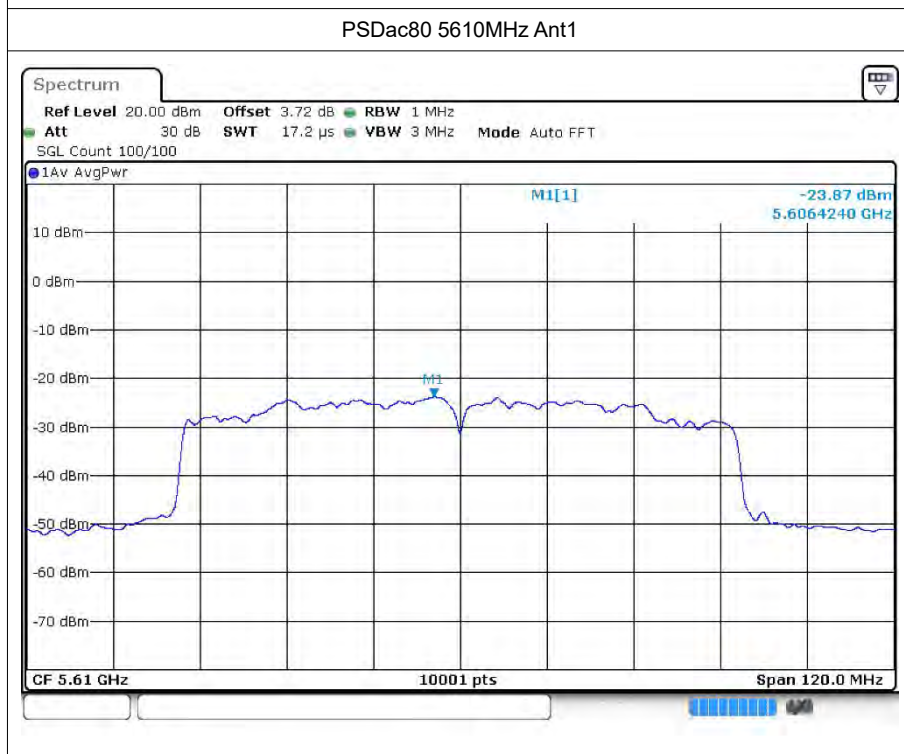
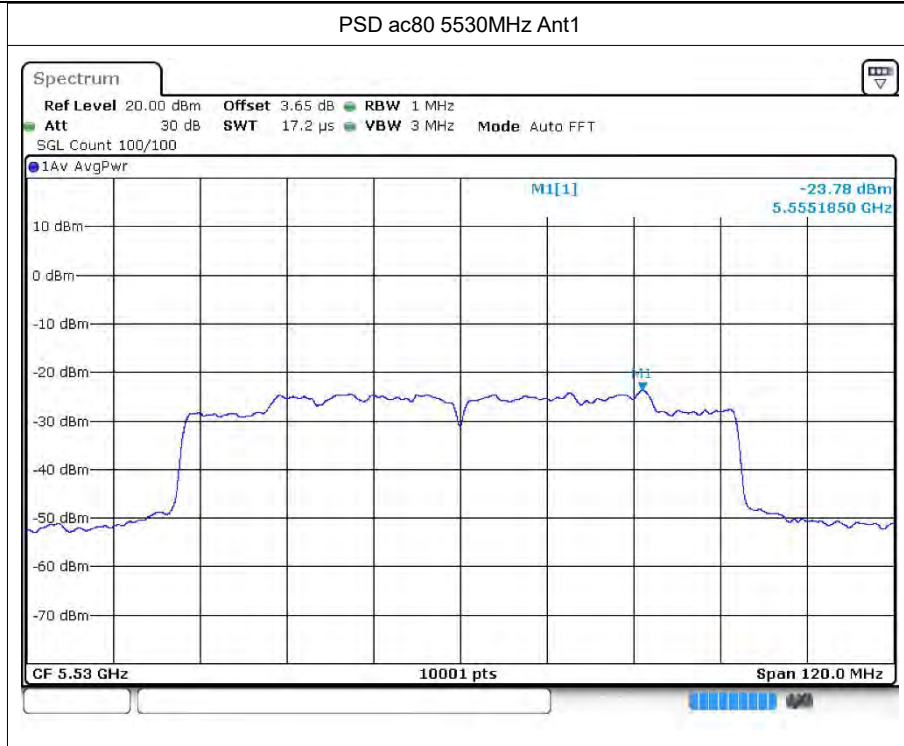
PSDac40 5510MHz Ant1



PSD ac40 5670MHz Ant1









6 Frequency Stability

6.1 Test Result

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 120V	a	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 138V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
-20C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-10C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
30C 120V	a	5180	Ant1	5179.92	-80000	-15.44	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	5199.94	-60000	-11.54	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	5199.92	-80000	-15.38	25	Pass
-10C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0C 120V	a	5200	Ant1	5199.92	-80000	-15.38	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	5199.96	-40000	-7.69	25	Pass
20C 102V	a	5200	Ant1	5199.94	-60000	-11.54	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	5239.94	-60000	-11.45	25	Pass
-20C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-10C 120V	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
0C 120V	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
10C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 120V	a	5240	Ant1	5239.92	-80000	-15.27	25	Pass
40C 120V	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
50C 120V	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 102V	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 120V	a	5260	Ant1	5259.92	-80000	-15.21	25	Pass
20C 138V	a	5260	Ant1	5259.92	-80000	-15.21	25	Pass
-20C 120V	a	5260	Ant1	5259.94	-60000	-11.41	25	Pass
-10C 120V	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
0C 120V	a	5260	Ant1	5259.92	-80000	-15.21	25	Pass



10C 120V	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
30C 120V	a	5260	Ant1	5259.94	-60000	-11.41	25	Pass
40C 120V	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
50C 120V	a	5260	Ant1	5259.94	-60000	-11.41	25	Pass
20C 102V	a	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 120V	a	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 138V	a	5280	Ant1	5279.98	-20000	-3.79	25	Pass
-20C 120V	a	5280	Ant1	5279.98	-20000	-3.79	25	Pass
-10C 120V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
0C 120V	a	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10C 120V	a	5280	Ant1	5279.92	-80000	-15.15	25	Pass
30C 120V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
40C 120V	a	5280	Ant1	5279.96	-40000	-7.58	25	Pass
50C 120V	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C 102V	a	5320	Ant1	5319.92	-80000	-15.04	25	Pass
20C 120V	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
20C 138V	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
-20C 120V	a	5320	Ant1	5319.96	-40000	-7.52	25	Pass
-10C 120V	a	5320	Ant1	5319.92	-80000	-15.04	25	Pass
0C 120V	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
10C 120V	a	5320	Ant1	5319.92	-80000	-15.04	25	Pass
30C 120V	a	5320	Ant1	5319.98	-20000	-3.76	25	Pass
40C 120V	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
50C 120V	a	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 102V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 120V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 138V	a	5500	Ant1	5499.96	-40000	-7.27	25	Pass
-20C 120V	a	5500	Ant1	5499.92	-80000	-14.55	25	Pass
-10C 120V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
0C 120V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
10C 120V	a	5500	Ant1	5499.94	-60000	-10.91	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	5599.94	-60000	-10.71	25	Pass
20C 120V	a	5600	Ant1	5599.94	-60000	-10.71	25	Pass
20C 138V	a	5600	Ant1	5599.94	-60000	-10.71	25	Pass
-20C 120V	a	5600	Ant1	5599.96	-40000	-7.14	25	Pass
-10C 120V	a	5600	Ant1	5599.94	-60000	-10.71	25	Pass
0C 120V	a	5600	Ant1	5599.96	-40000	-7.14	25	Pass
10C 120V	a	5600	Ant1	5599.92	-80000	-14.29	25	Pass
30C 120V	a	5600	Ant1	5599.92	-80000	-14.29	25	Pass
40C 120V	a	5600	Ant1	5599.94	-60000	-10.71	25	Pass



50C 120V	a	5600	Ant1	5599.92	-80000	-14.29	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	5699.96	-40000	-7.02	25	Pass
-20C 120V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
-10C 120V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
0C 120V	a	5700	Ant1	5699.98	-20000	-3.51	25	Pass
10C 120V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
30C 120V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
40C 120V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
50C 120V	a	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 102V	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 138V	n20	5180	Ant1	5179.94	-60000	-11.58	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	5179.94	-60000	-11.58	25	Pass
10C 120V	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
30C 120V	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
40C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 102V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 138V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-20C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
-10C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
0C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	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	5199.96	-40000	-7.69	25	Pass
50C 120V	n20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
20C 102V	n20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 138V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
-20C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
-10C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
10C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
40C 120V	n20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
50C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 102V	n20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 120V	n20	5260	Ant1	5259.96	-40000	-7.6	25	Pass



20C 138V	n20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-20C 120V	n20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-10C 120V	n20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
0C 120V	n20	5260	Ant1	5259.92	-80000	-15.21	25	Pass
10C 120V	n20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
30C 120V	n20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
40C 120V	n20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
50C 120V	n20	5260	Ant1	5259.9	-100000	-19.01	25	Pass
20C 102V	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C 120V	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 138V	n20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
-20C 120V	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
-10C 120V	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
0C 120V	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10C 120V	n20	5280	Ant1	5279.92	-80000	-15.15	25	Pass
30C 120V	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
40C 120V	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
50C 120V	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 102V	n20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 120V	n20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 138V	n20	5320	Ant1	5319.96	-40000	-7.52	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	5319.92	-80000	-15.04	25	Pass
30C 120V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
40C 120V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
50C 120V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 102V	n20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
20C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 138V	n20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
-20C 120V	n20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
-10C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
0C 120V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
10C 120V	n20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
30C 120V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
40C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
50C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 102V	n20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
20C 120V	n20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
20C 138V	n20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
-20C 120V	n20	5600	Ant1	5599.92	-80000	-14.29	25	Pass
-10C 120V	n20	5600	Ant1	5599.96	-40000	-7.14	25	Pass



0C 120V	n20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
10C 120V	n20	5600	Ant1	5599.92	-80000	-14.29	25	Pass
30C 120V	n20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
40C 120V	n20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
50C 120V	n20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 102V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
20C 120V	n20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 138V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
-20C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
-10C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
0C 120V	n20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
10C 120V	n20	5700	Ant1	5699.9	-100000	-17.54	25	Pass
30C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
40C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
50C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
20C 102V	n40	5190	Ant1	5190	0	0	25	Pass
20C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-20C 120V	n40	5190	Ant1	5190	0	0	25	Pass
-10C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	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	5189.96	-40000	-7.71	25	Pass
20C 102V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	n40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
20C 138V	n40	5230	Ant1	5229.92	-80000	-15.3	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	5229.96	-40000	-7.65	25	Pass
30C 120V	n40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
40C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
50C 120V	n40	5230	Ant1	5229.92	-80000	-15.3	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	5269.96	-40000	-7.59	25	Pass
-20C 120V	n40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
-10C 120V	n40	5270	Ant1	5270	0	0	25	Pass
0C 120V	n40	5270	Ant1	5270	0	0	25	Pass
10C 120V	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
30C 120V	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass



40C 120V	n40	5270	Ant1	5270	0	0	25	Pass
50C 120V	n40	5270	Ant1	5270	0	0	25	Pass
20C 102V	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
20C 120V	n40	5310	Ant1	5309.88	-120000	-22.6	25	Pass
20C 138V	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
-20C 120V	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
-10C 120V	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0C 120V	n40	5310	Ant1	5309.64	-360000	-67.8	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	5309.96	-40000	-7.53	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	5509.92	-80000	-14.52	25	Pass
0C 120V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
10C 120V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
30C 120V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
40C 120V	n40	5510	Ant1	5509.76	-240000	-43.56	25	Pass
50C 120V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 102V	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
20C 120V	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
20C 138V	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
-20C 120V	n40	5670	Ant1	5669.88	-120000	-21.16	25	Pass
-10C 120V	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
0C 120V	n40	5670	Ant1	5669.88	-120000	-21.16	25	Pass
10C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
30C 120V	n40	5670	Ant1	5669.92	-80000	-14.11	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	5179.9	-100000	-19.31	25	Pass
20C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	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	5179.94	-60000	-11.58	25	Pass
0C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
10C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
40C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 102V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass



20C 120V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 138V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-20C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-10C 120V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
0C 120V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
10C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	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	5239.96	-40000	-7.63	25	Pass
20C 120V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 138V	ac20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
-20C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-10C 120V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
0C 120V	ac20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
10C 120V	ac20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
30C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40C 120V	ac20	5240	Ant1	5239.9	-100000	-19.08	25	Pass
50C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 102V	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
20C 120V	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 138V	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-20C 120V	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-10C 120V	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
0C 120V	ac20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
10C 120V	ac20	5260	Ant1	5259.92	-80000	-15.21	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	5279.96	-40000	-7.58	25	Pass
20C 120V	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 138V	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
-20C 120V	ac20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
-10C 120V	ac20	5280	Ant1	5279.92	-80000	-15.15	25	Pass
0C 120V	ac20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
10C 120V	ac20	5280	Ant1	5279.92	-80000	-15.15	25	Pass
30C 120V	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40C 120V	ac20	5280	Ant1	5279.92	-80000	-15.15	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	5319.98	-20000	-3.76	25	Pass
-20C 120V	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass



-10C 120V	ac20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
0C 120V	ac20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
10C 120V	ac20	5320	Ant1	5319.94	-60000	-11.28	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	5499.94	-60000	-10.91	25	Pass
20C 138V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
-20C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
-10C 120V	ac20	5500	Ant1	5499.9	-100000	-18.18	25	Pass
0C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
10C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
30C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
40C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
50C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 102V	ac20	5600	Ant1	5599.9	-100000	-17.86	25	Pass
20C 120V	ac20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 138V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
-20C 120V	ac20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
-10C 120V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
0C 120V	ac20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
10C 120V	ac20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
30C 120V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
40C 120V	ac20	5600	Ant1	5599.98	-20000	-3.57	25	Pass
50C 120V	ac20	5600	Ant1	5599.9	-100000	-17.86	25	Pass
20C 102V	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
20C 120V	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
20C 138V	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
-20C 120V	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
-10C 120V	ac20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
0C 120V	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
10C 120V	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
30C 120V	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
40C 120V	ac20	5700	Ant1	5699.96	-40000	-7.02	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	5189.96	-40000	-7.71	25	Pass
20C 138V	ac40	5190	Ant1	5189.96	-40000	-7.71	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	5189.96	-40000	-7.71	25	Pass
10C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass



30C 120V	ac40	5190	Ant1	5190	0	0	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	5229.96	-40000	-7.65	25	Pass
-10C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10C 120V	ac40	5230	Ant1	5229.88	-120000	-22.94	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	5229.92	-80000	-15.3	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	5270	0	0	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	5269.96	-40000	-7.59	25	Pass
10C 120V	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
30C 120V	ac40	5270	Ant1	5269.92	-80000	-15.18	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	5309.92	-80000	-15.07	25	Pass
-20C 120V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-10C 120V	ac40	5310	Ant1	5309.88	-120000	-22.6	25	Pass
0C 120V	ac40	5310	Ant1	5309.92	-80000	-15.07	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	5309.96	-40000	-7.53	25	Pass
50C 120V	ac40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
20C 102V	ac40	5510	Ant1	5509.64	-360000	-65.34	25	Pass
20C 120V	ac40	5510	Ant1	5510	0	0	25	Pass
20C 138V	ac40	5510	Ant1	5509.96	-40000	-7.26	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	5510	0	0	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	5509.92	-80000	-14.52	25	Pass
50C 120V	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass



20C 102V	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
20C 120V	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
20C 138V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-20C 120V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-10C 120V	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
0C 120V	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
10C 120V	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
30C 120V	ac40	5670	Ant1	5669.88	-120000	-21.16	25	Pass
40C 120V	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
50C 120V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 102V	ac80	5210	Ant1	5209.76	-240000	-46.07	25	Pass
20C 120V	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
20C 138V	ac80	5210	Ant1	5210.24	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	5209.92	-80000	-15.36	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	5290.08	80000	15.12	25	Pass
20C 138V	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
-20C 120V	ac80	5290	Ant1	5289.76	-240000	-45.37	25	Pass
-10C 120V	ac80	5290	Ant1	5290.16	160000	30.25	25	Pass
0C 120V	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
10C 120V	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
30C 120V	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
40C 120V	ac80	5290	Ant1	5290.08	80000	15.12	25	Pass
50C 120V	ac80	5290	Ant1	5290	0	0	25	Pass
20C 102V	ac80	5530	Ant1	5529.84	-160000	-28.93	25	Pass
20C 120V	ac80	5530	Ant1	5530.16	160000	28.93	25	Pass
20C 138V	ac80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
-20C 120V	ac80	5530	Ant1	5530.08	80000	14.47	25	Pass
-10C 120V	ac80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
0C 120V	ac80	5530	Ant1	5530	0	0	25	Pass
10C 120V	ac80	5530	Ant1	5530.24	240000	43.4	25	Pass
30C 120V	ac80	5530	Ant1	5530.16	160000	28.93	25	Pass
40C 120V	ac80	5530	Ant1	5530	0	0	25	Pass
50C 120V	ac80	5530	Ant1	5530	0	0	25	Pass
20C 102V	ac80	5610	Ant1	5610	0	0	25	Pass
20C 120V	ac80	5610	Ant1	5609.76	-240000	-42.78	25	Pass
20C 138V	ac80	5610	Ant1	5609.92	-80000	-14.26	25	Pass



-20C 120V	ac80	5610	Ant1	5608.56	-1440000	-256.68	25	Pass
-10C 120V	ac80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
0C 120V	ac80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
10C 120V	ac80	5610	Ant1	5609.6	-400000	-71.3	25	Pass
30C 120V	ac80	5610	Ant1	5609.76	-240000	-42.78	25	Pass
40C 120V	ac80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
50C 120V	ac80	5610	Ant1	5609.92	-80000	-14.26	25	Pass



7 Conducted RF Spurious Emission

7.1 Test Result

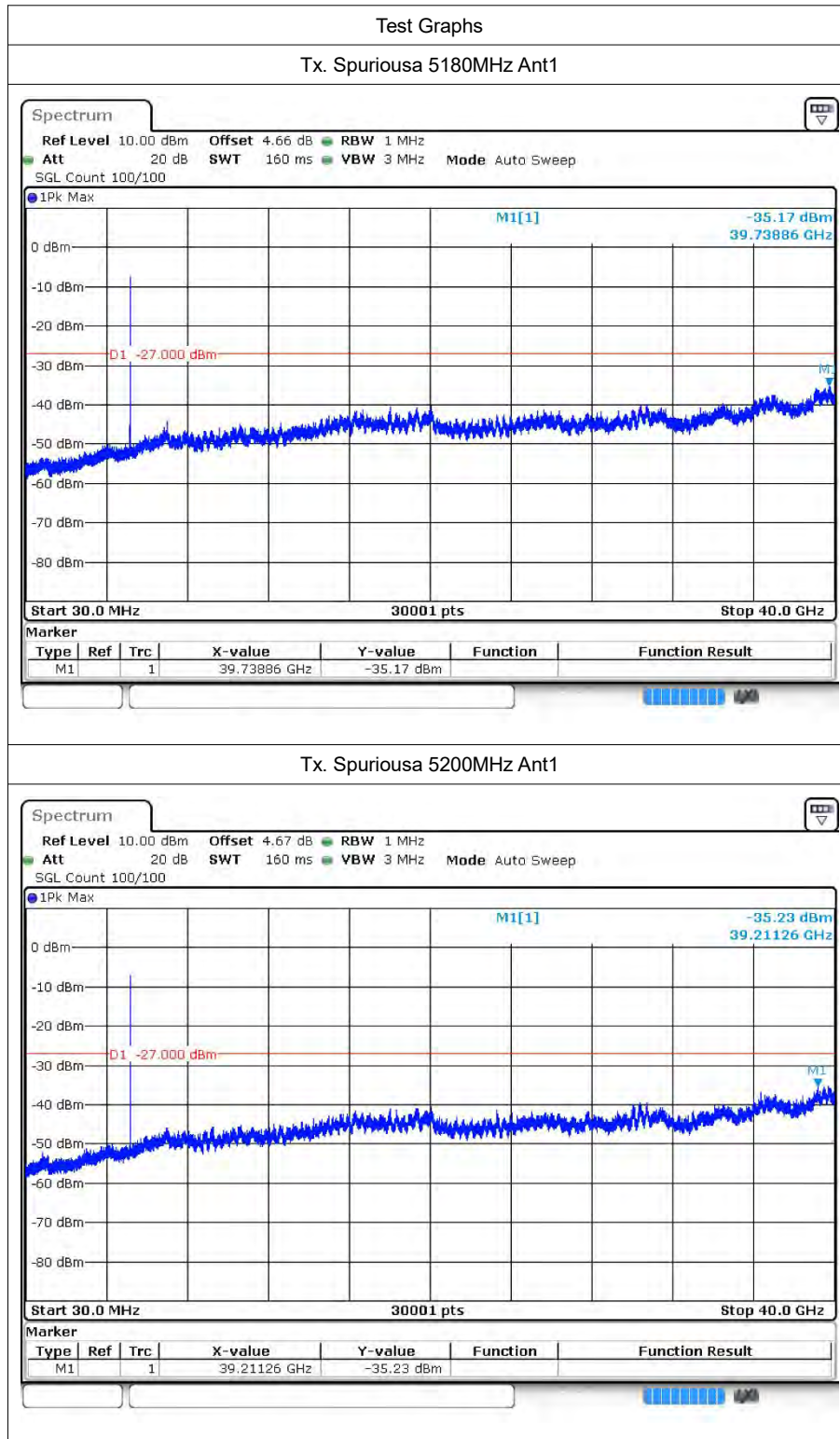
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
a	5180	Ant1	-35.17	-27	Pass
a	5200	Ant1	-35.23	-27	Pass
a	5240	Ant1	-35.32	-27	Pass
a	5260	Ant1	-35.21	-27	Pass
a	5280	Ant1	-34.74	-27	Pass
a	5320	Ant1	-34.6	-27	Pass
a	5500	Ant1	-34.52	-27	Pass
a	5600	Ant1	-34.94	-27	Pass
a	5700	Ant1	-34.27	-27	Pass
n20	5180	Ant1	-34.89	-27	Pass
n20	5200	Ant1	-35.02	-27	Pass
n20	5240	Ant1	-34.82	-27	Pass
n20	5260	Ant1	-35.47	-27	Pass
n20	5280	Ant1	-34.97	-27	Pass
n20	5320	Ant1	-35.99	-27	Pass
n20	5500	Ant1	-34.92	-27	Pass
n20	5600	Ant1	-34.29	-27	Pass
n20	5700	Ant1	-34.65	-27	Pass
n40	5190	Ant1	-35.2	-27	Pass
n40	5230	Ant1	-35.59	-27	Pass
n40	5270	Ant1	-35.94	-27	Pass
n40	5310	Ant1	-35.47	-27	Pass
n40	5510	Ant1	-34.45	-27	Pass
n40	5670	Ant1	-34.93	-27	Pass
ac20	5180	Ant1	-35.75	-27	Pass
ac20	5200	Ant1	-34.69	-27	Pass
ac20	5240	Ant1	-35.37	-27	Pass
ac20	5260	Ant1	-35.55	-27	Pass
ac20	5280	Ant1	-34.82	-27	Pass
ac20	5320	Ant1	-35.72	-27	Pass
ac20	5500	Ant1	-35.55	-27	Pass
ac20	5600	Ant1	-35.21	-27	Pass
ac20	5700	Ant1	-34.69	-27	Pass
ac40	5190	Ant1	-35.46	-27	Pass
ac40	5230	Ant1	-35.62	-27	Pass
ac40	5270	Ant1	-35.36	-27	Pass
ac40	5310	Ant1	-35.78	-27	Pass



ac40	5510	Ant1	-34.78	-27	Pass
ac40	5670	Ant1	-35.44	-27	Pass
ac80	5210	Ant1	-34.45	-27	Pass
ac80	5290	Ant1	-34.53	-27	Pass
ac80	5530	Ant1	-35.11	-27	Pass
ac80	5610	Ant1	-35.22	-27	Pass

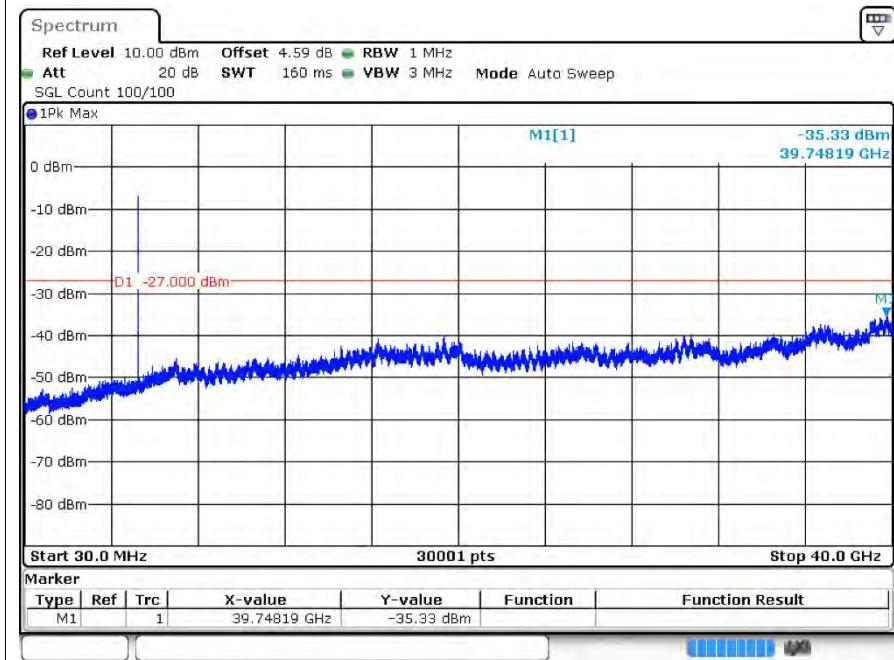


7.2 Test Graphs

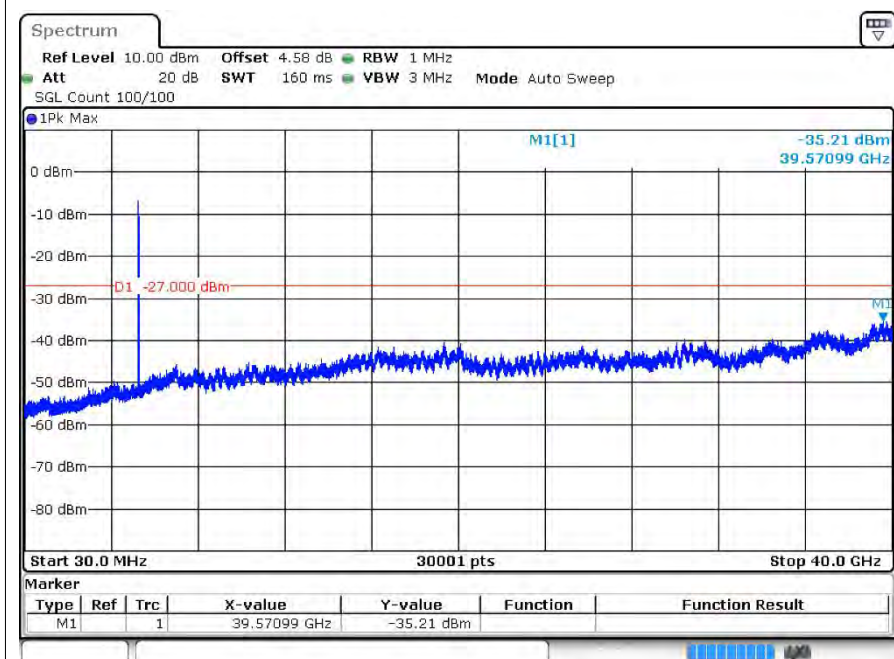


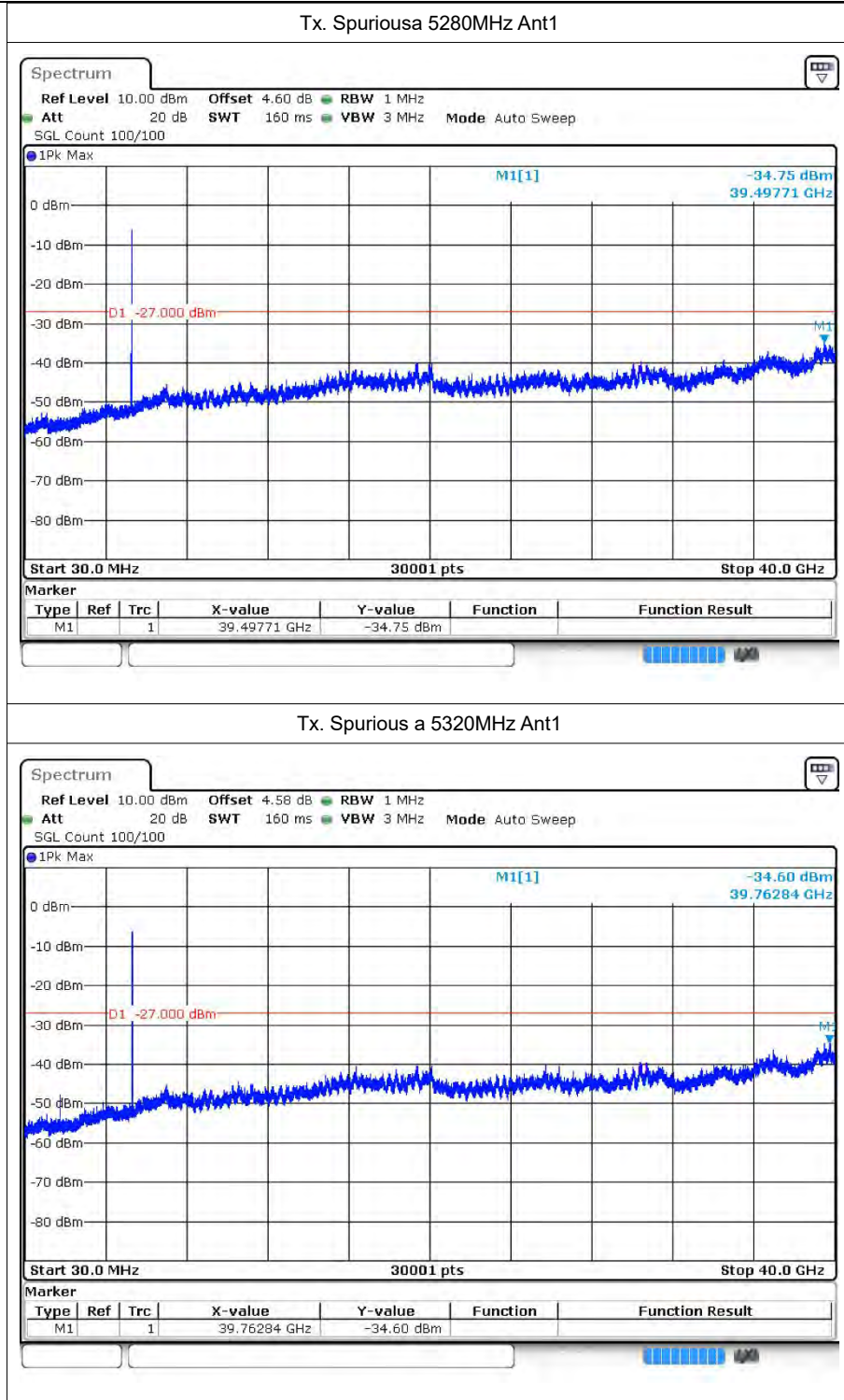


Tx. Spuriousa 5240MHz Ant1



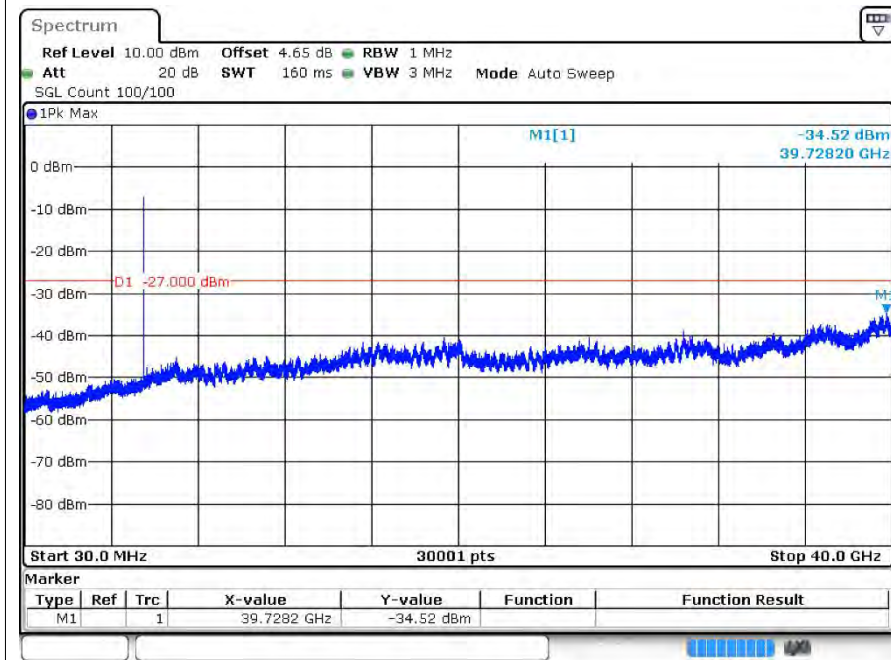
Tx. Spuriousa 5260MHz Ant1



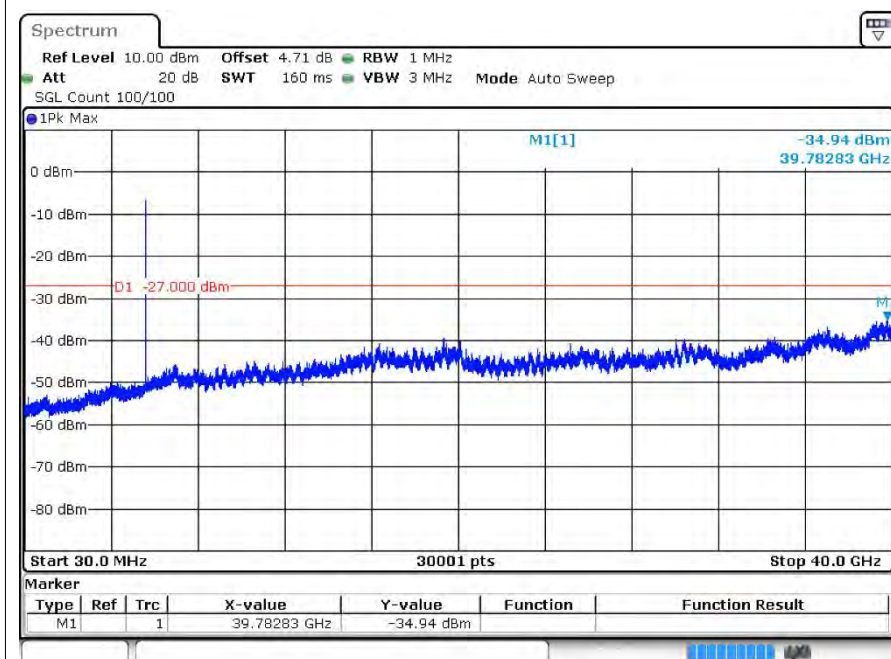


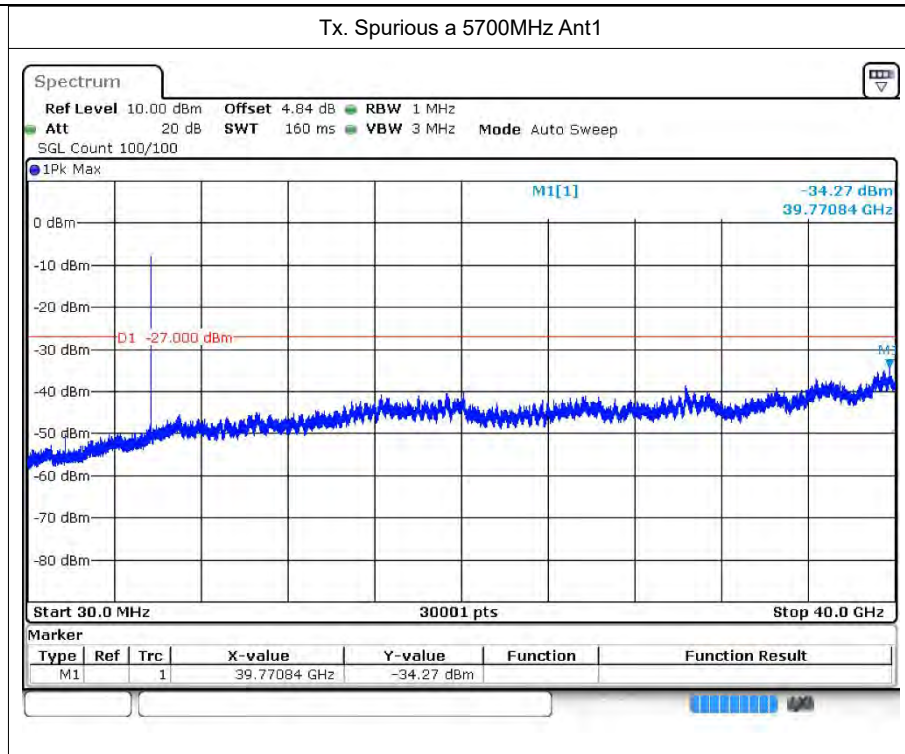


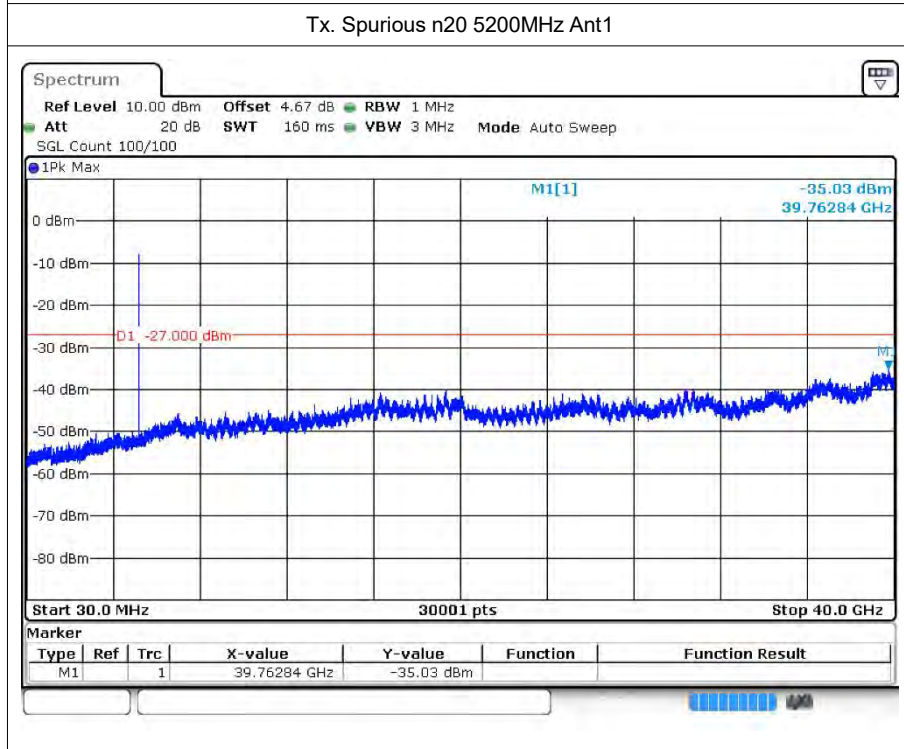
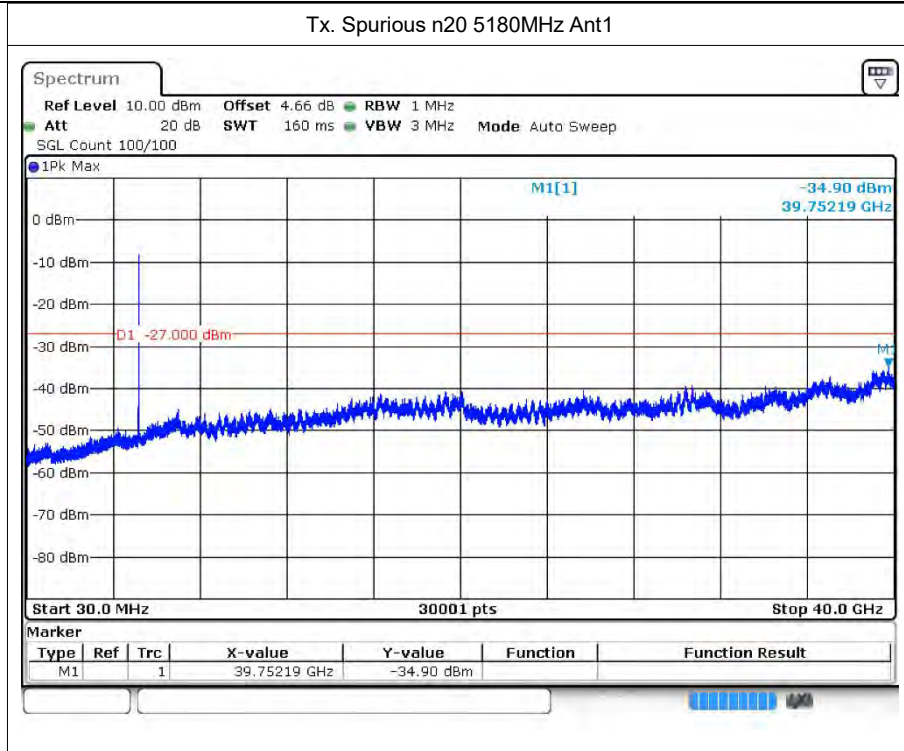
Tx. Spuriousa 5500MHz Ant1



Tx. Spuriousa 5600MHz Ant1

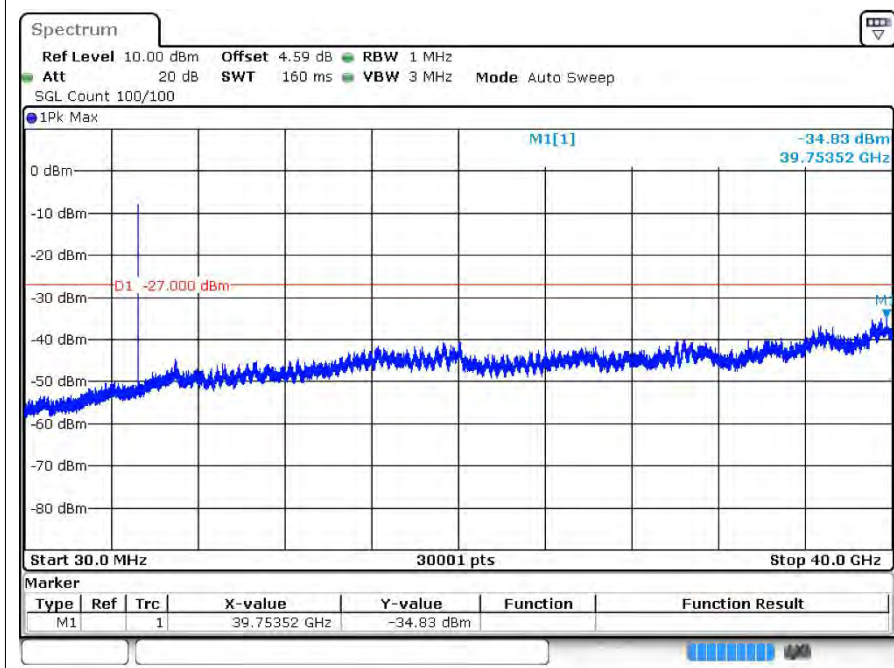




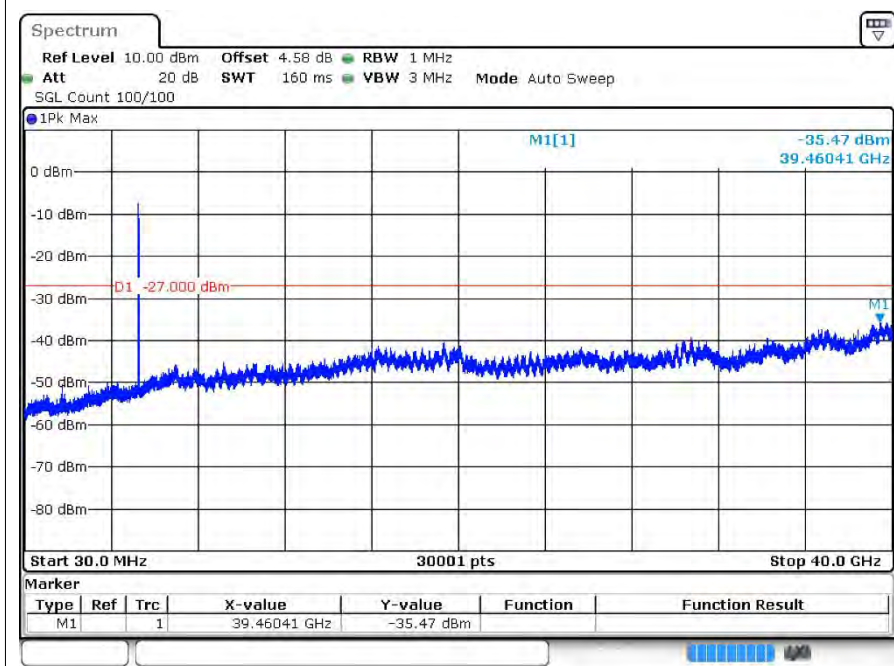




Tx. Spurious n20 5240MHz Ant1

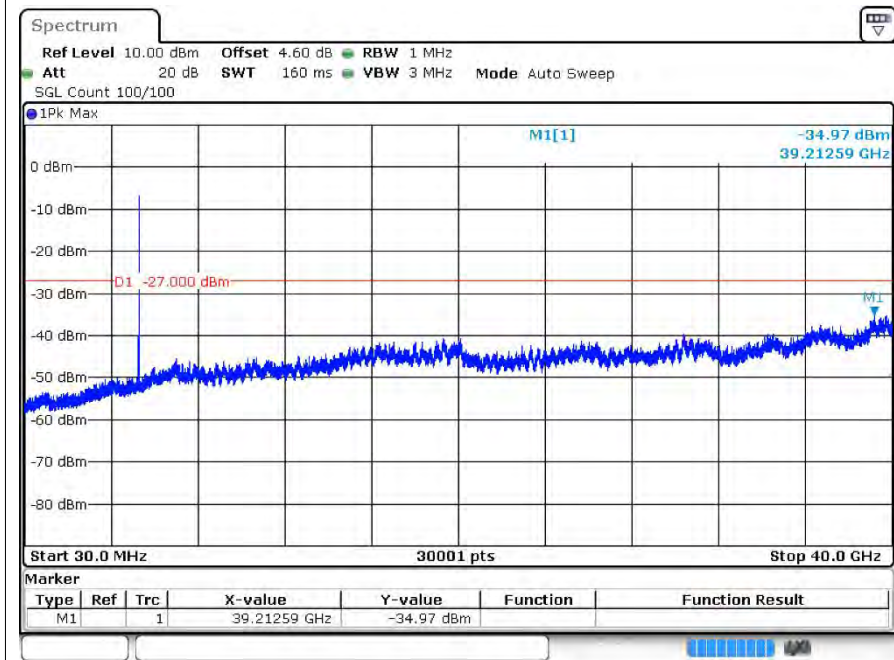


Tx. Spurious n20 5260MHz Ant1

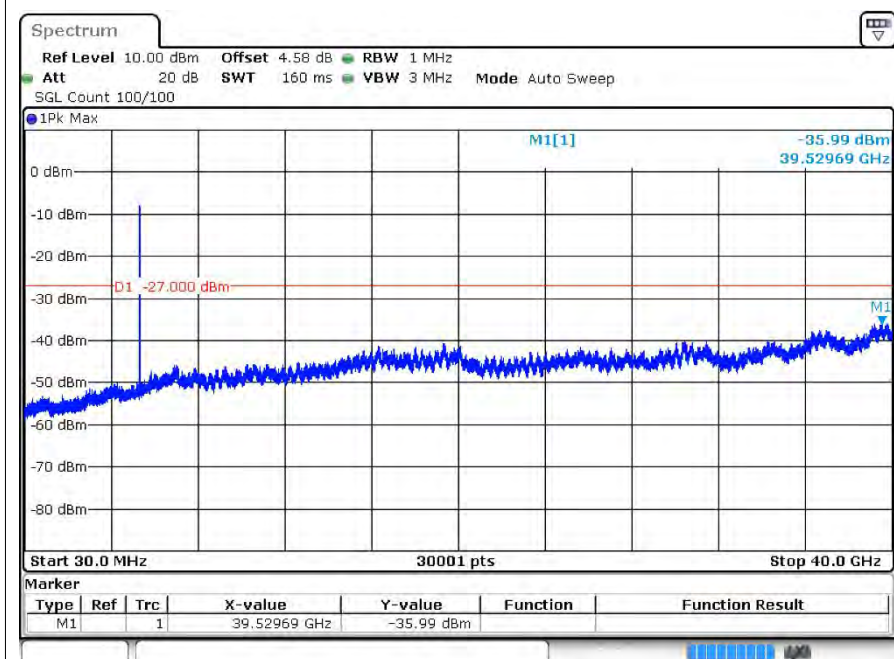




Tx. Spurious n20 5280MHz Ant1

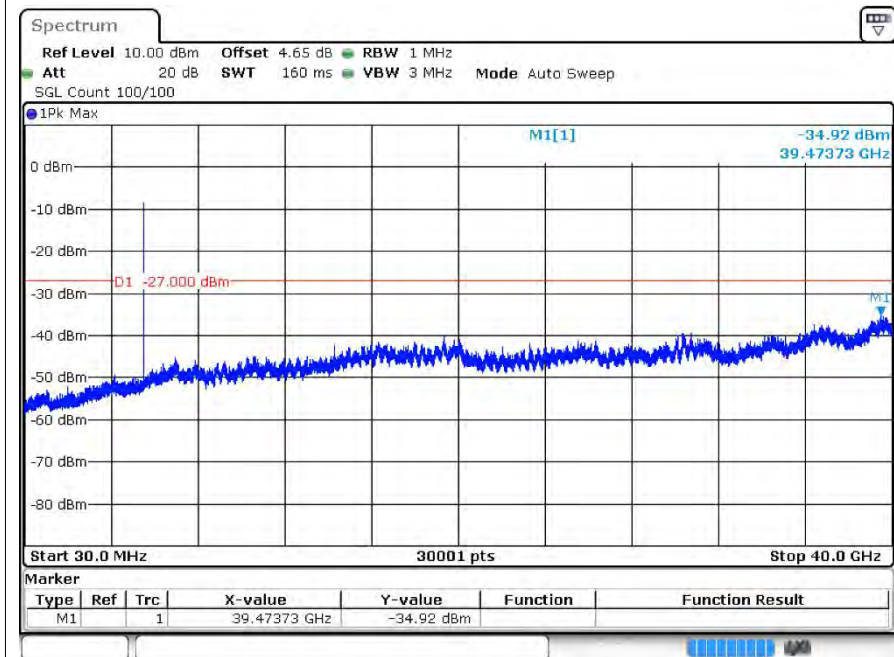


Tx. Spurious n20 5320MHz Ant1

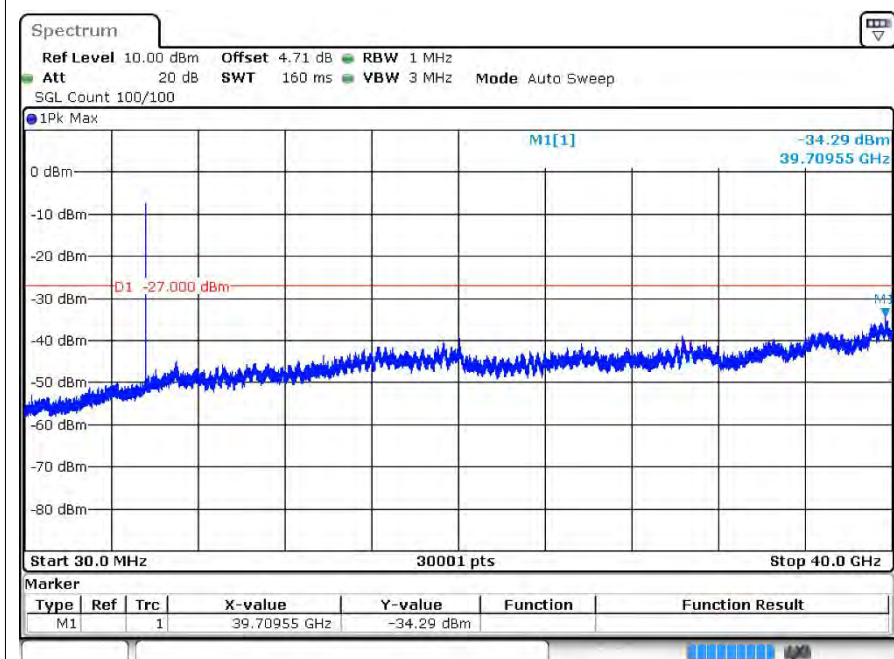


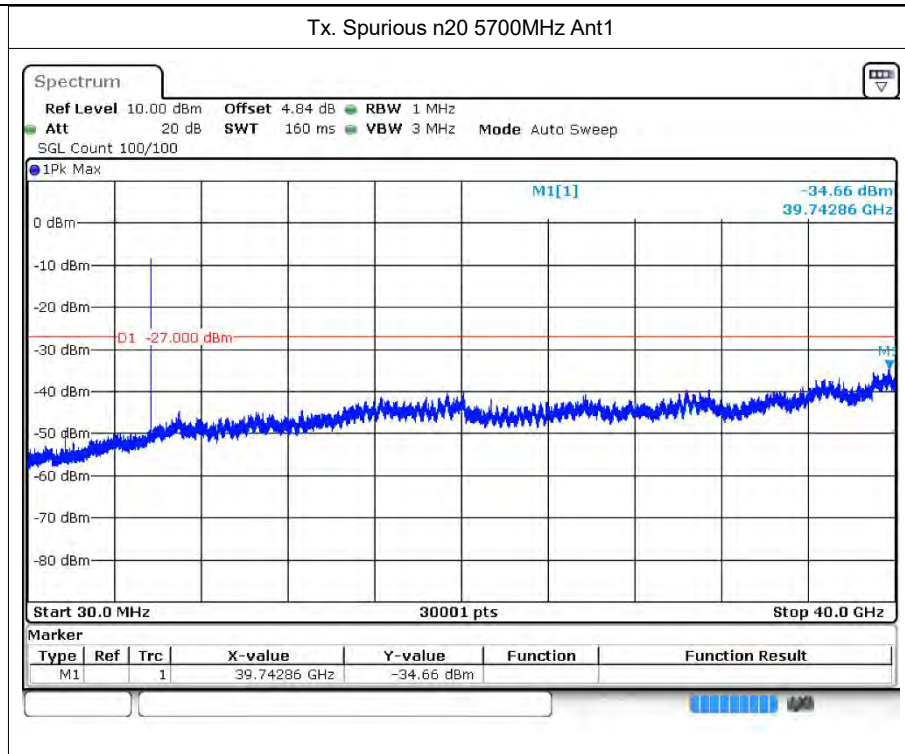


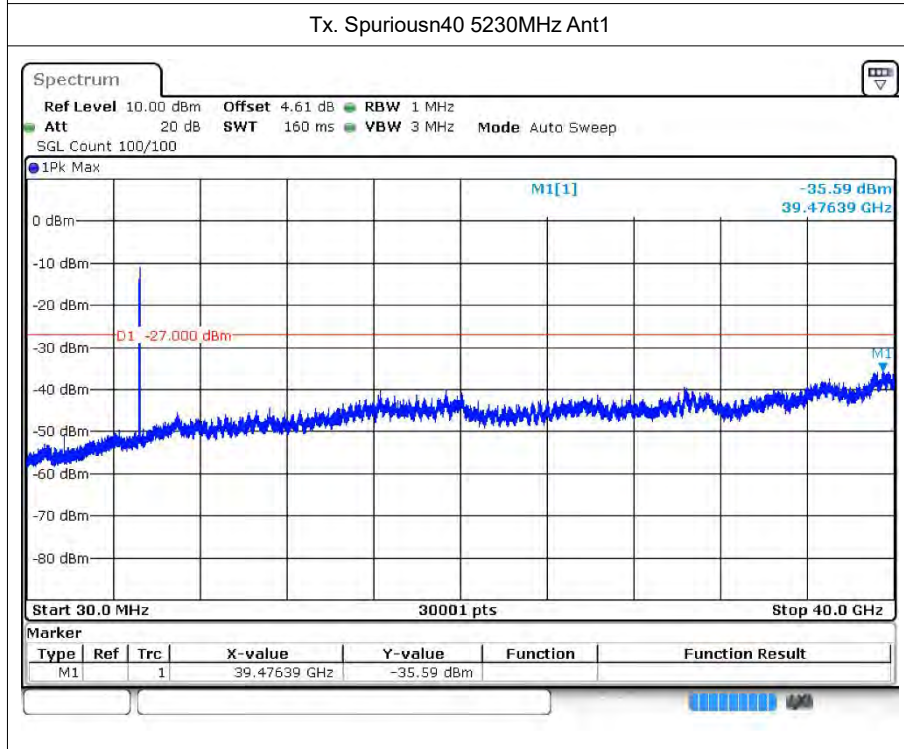
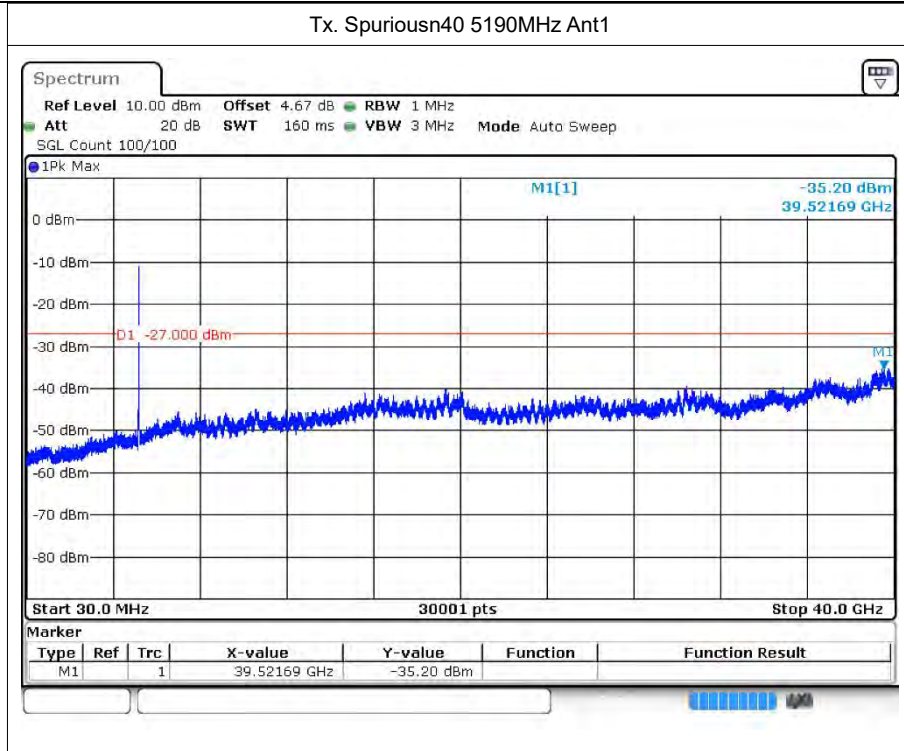
Tx. Spurious n20 5500MHz Ant1



Tx. Spurious n20 5600MHz Ant1

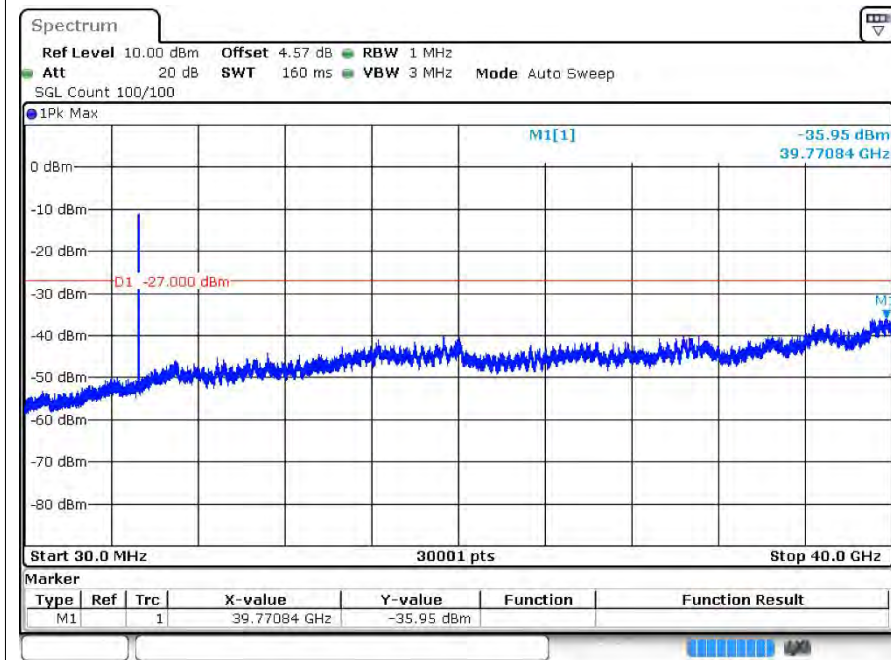




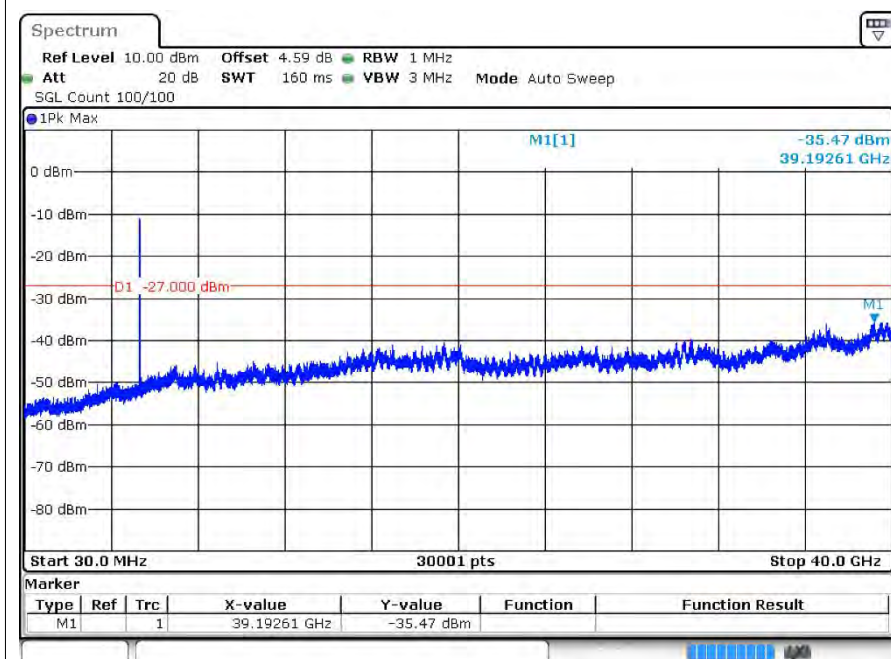


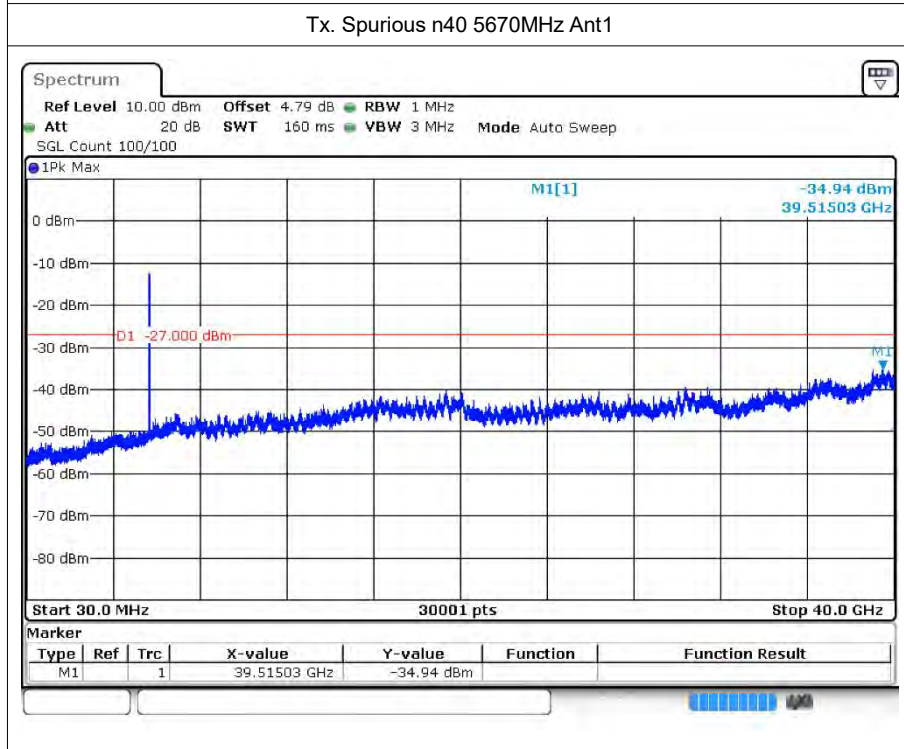
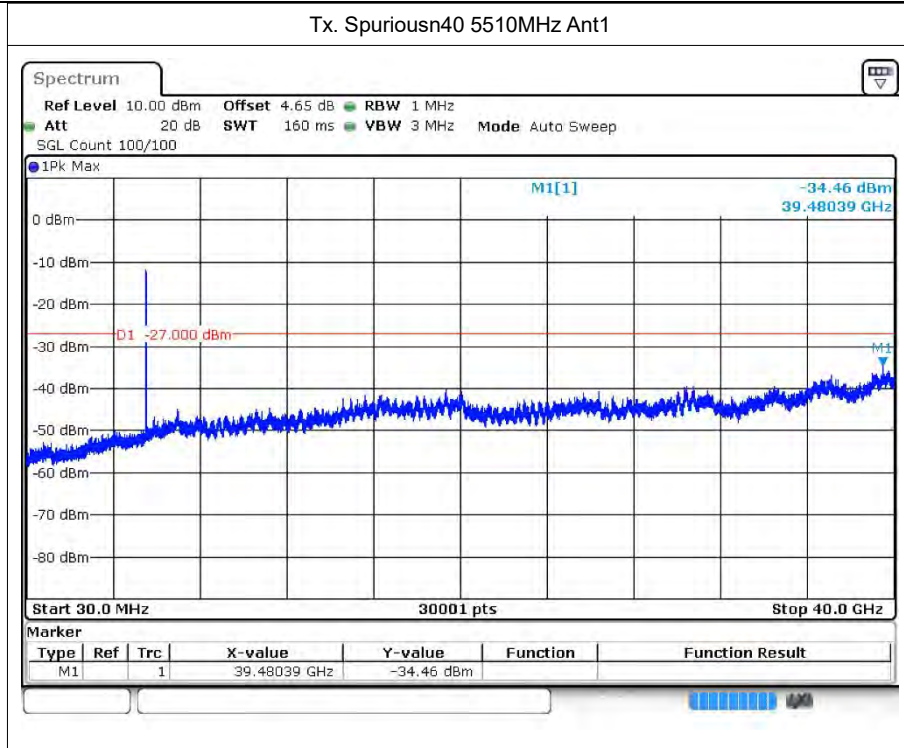


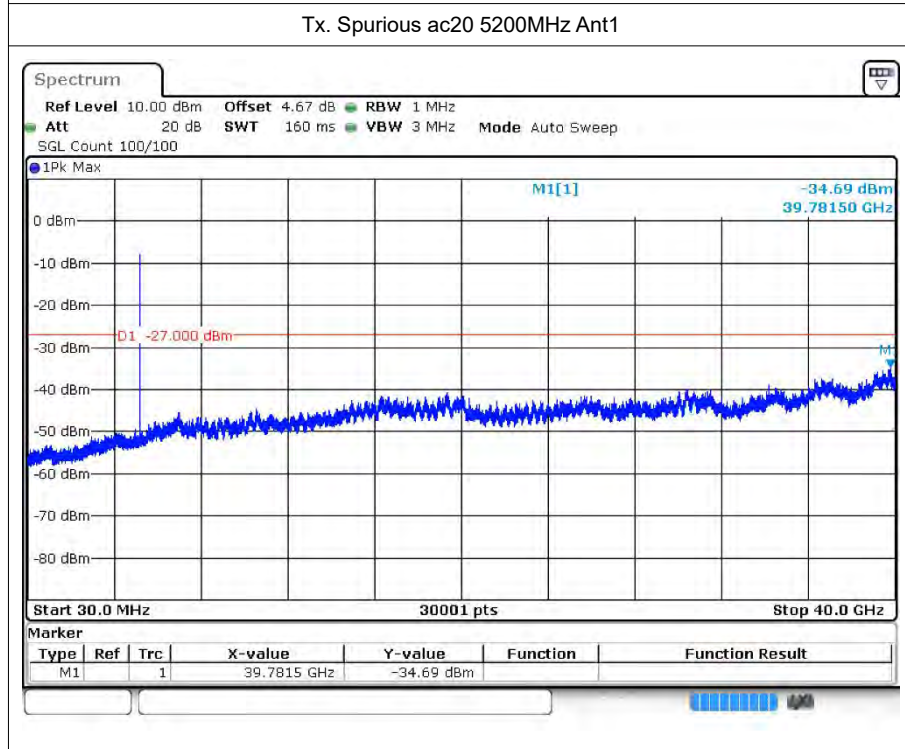
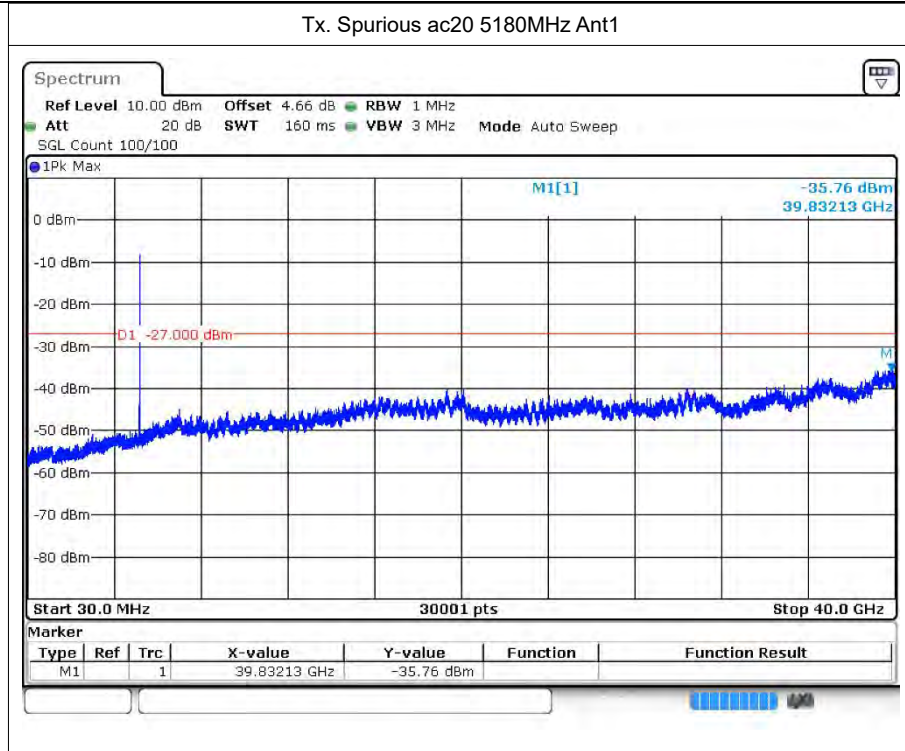
Tx. Spurious n40 5270MHz Ant1



Tx. Spurious n40 5310MHz Ant1

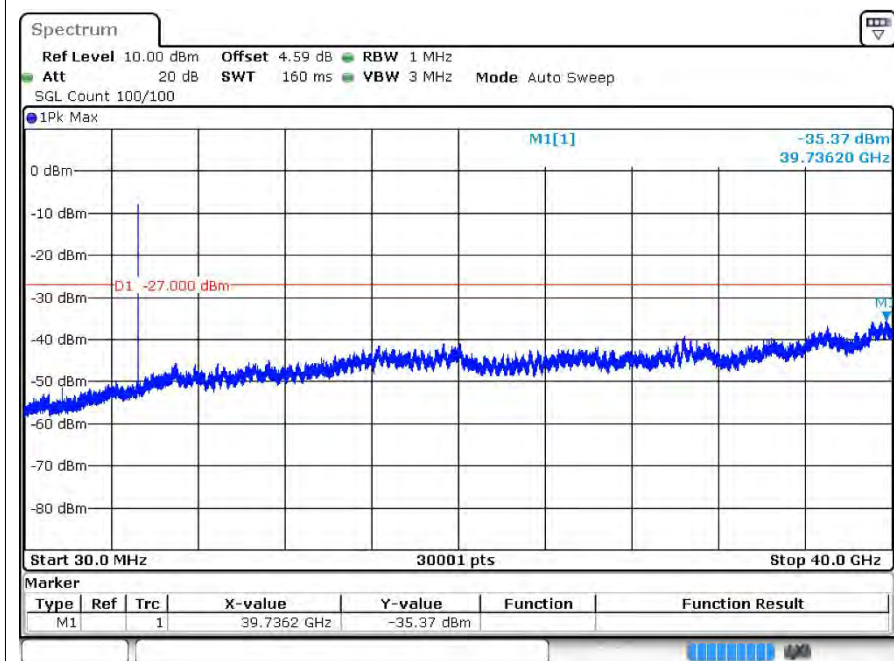




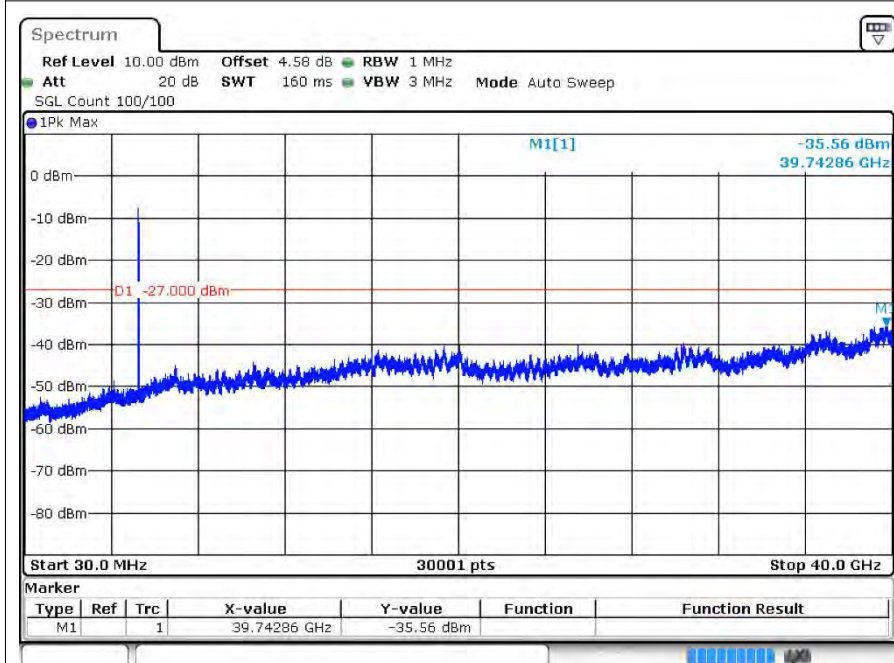




Tx. Spurious ac20 5240MHz Ant1

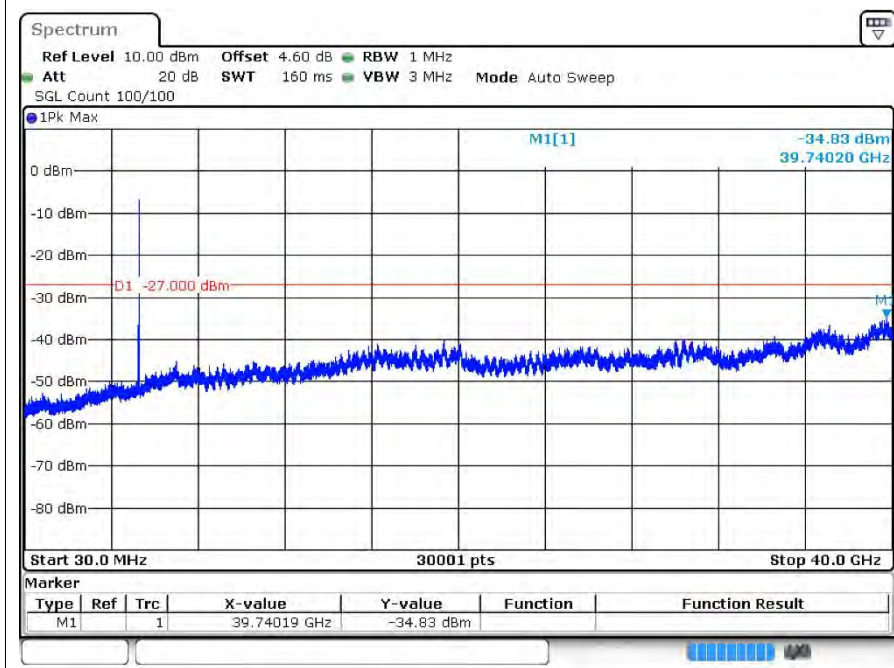


Tx. Spurious ac20 5260MHz Ant1

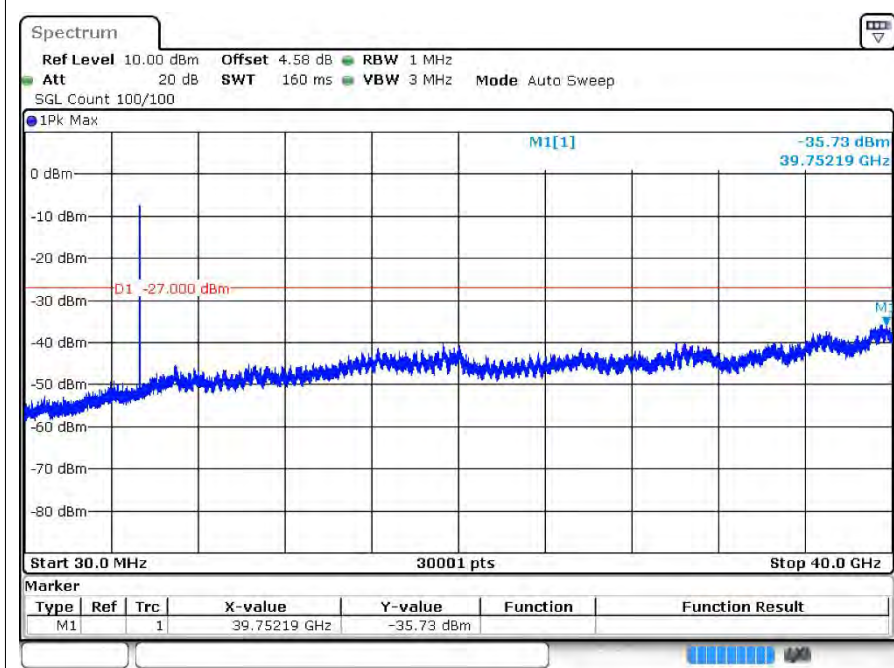




Tx. Spurious ac20 5280MHz Ant1

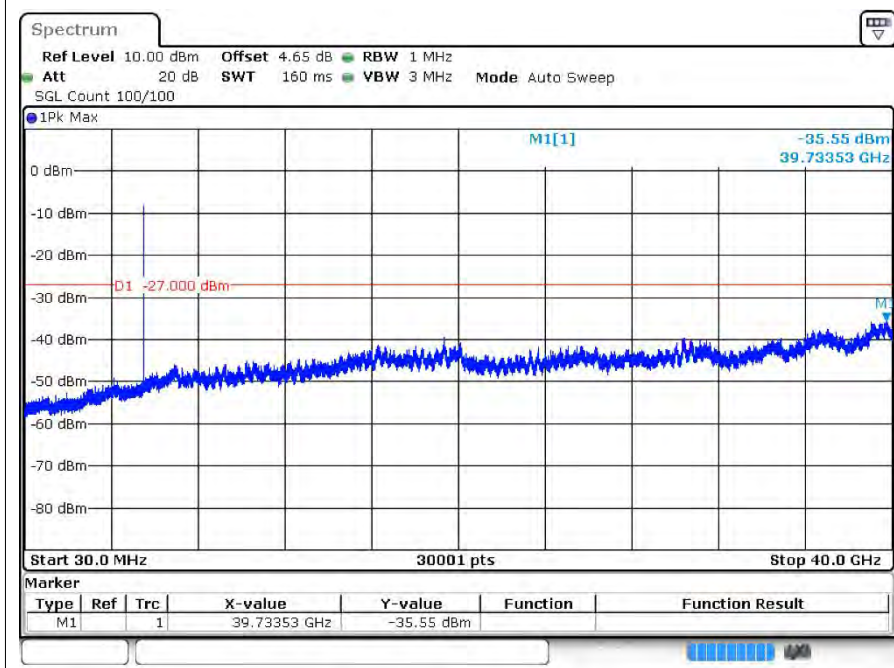


Tx. Spurious ac20 5320MHz Ant1

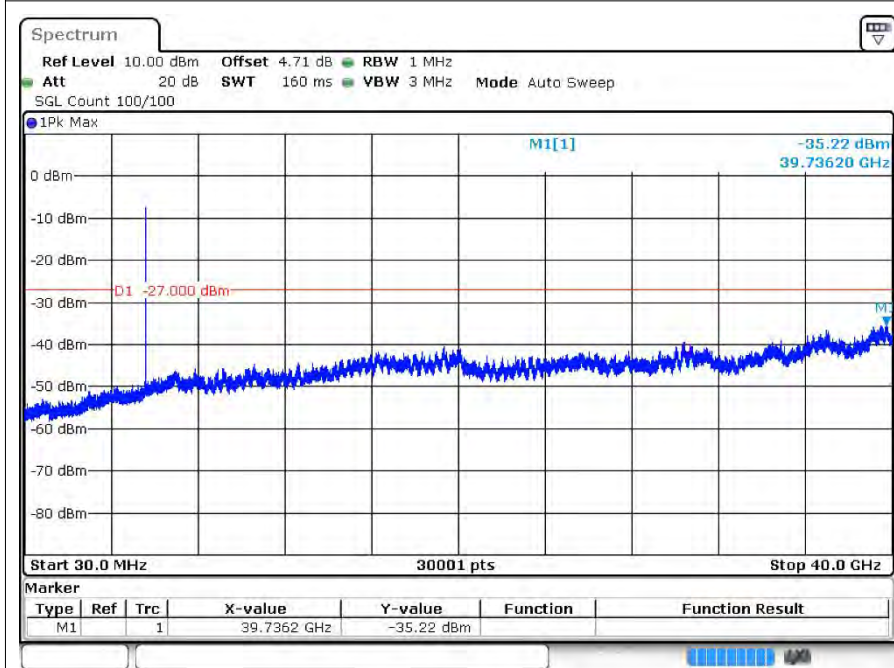


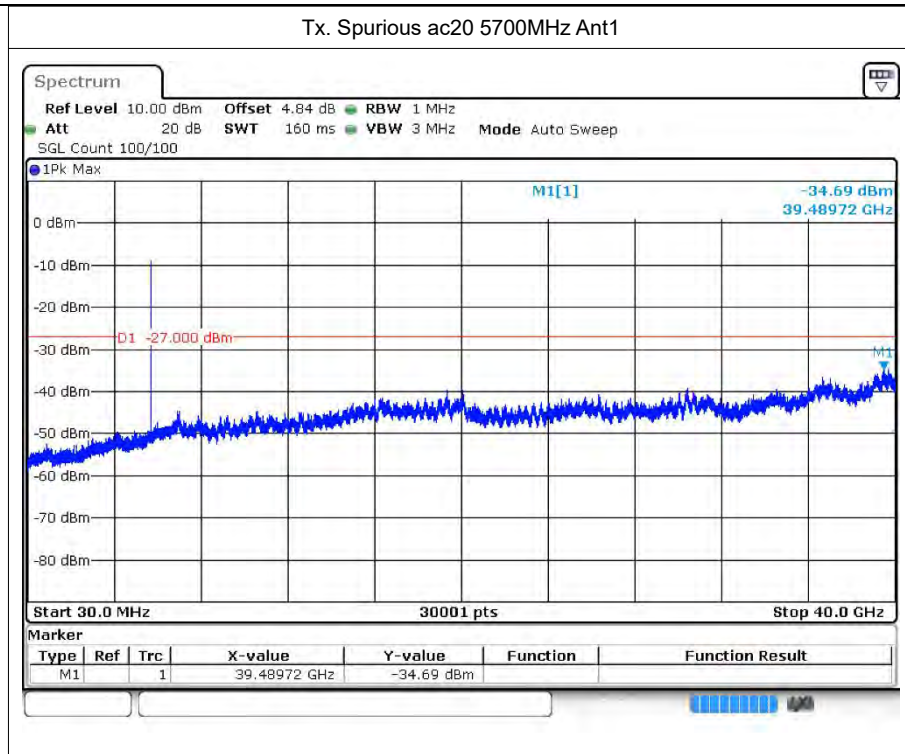


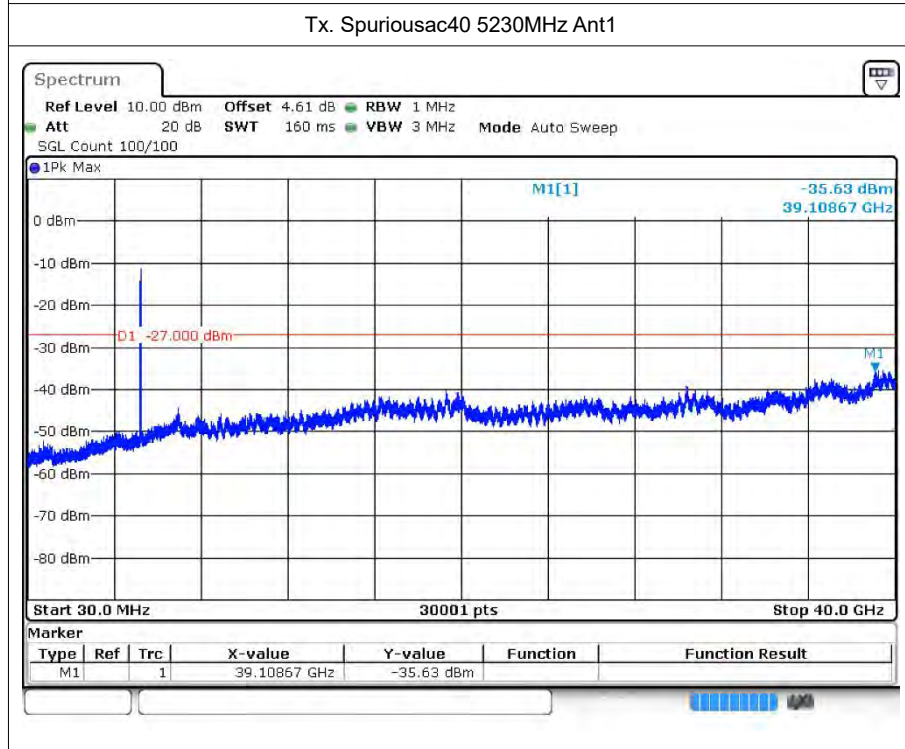
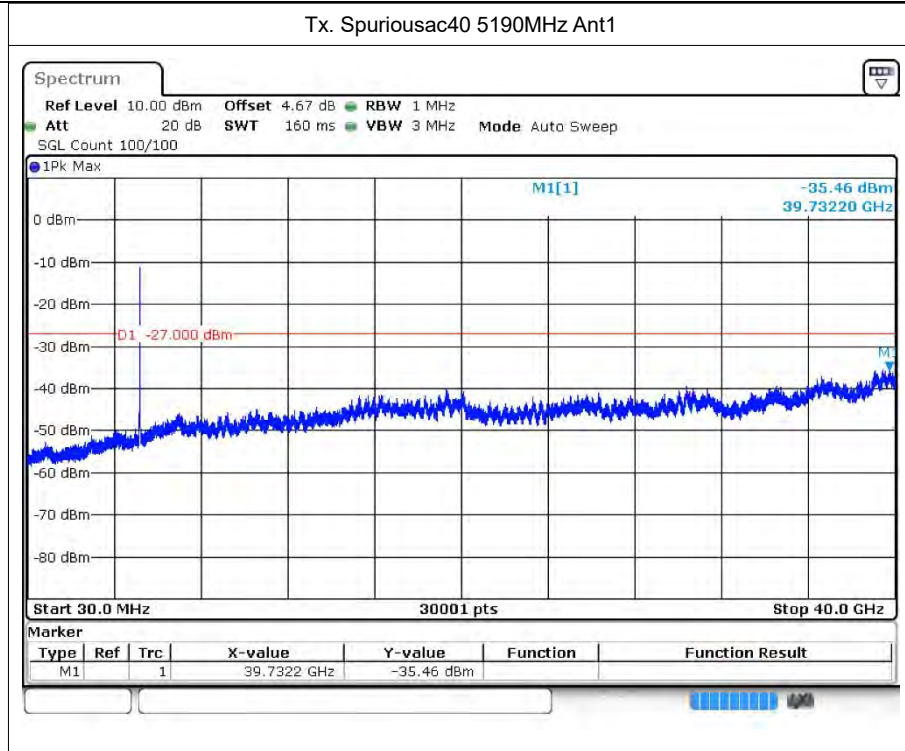
Tx. Spurious ac20 5500MHz Ant1



Tx. Spurious ac20 5600MHz Ant1

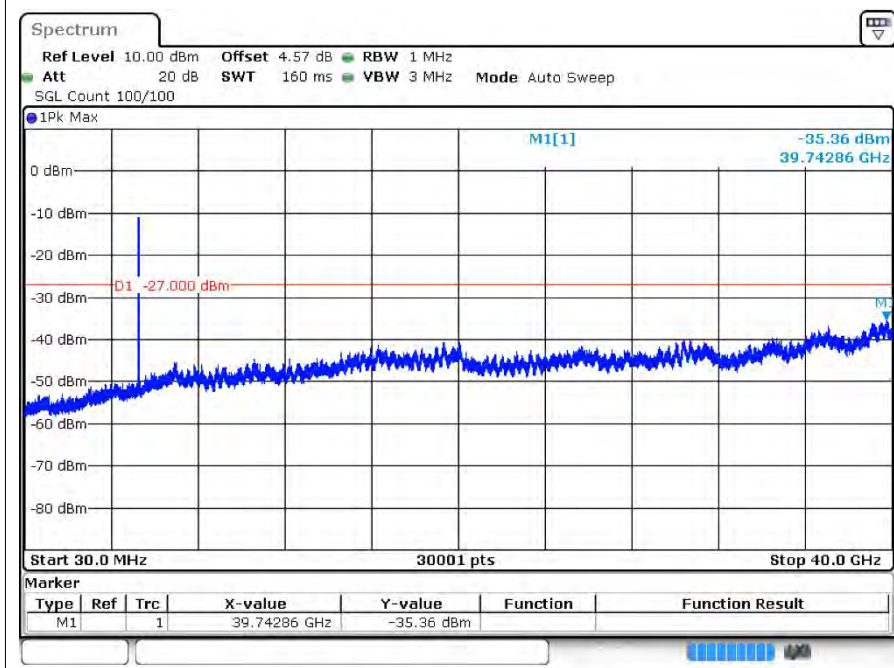




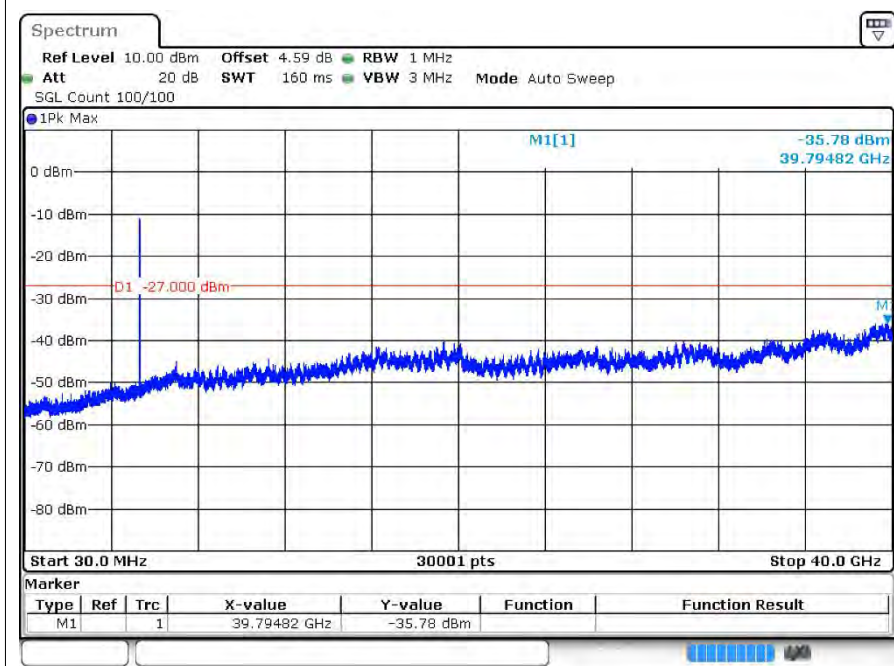


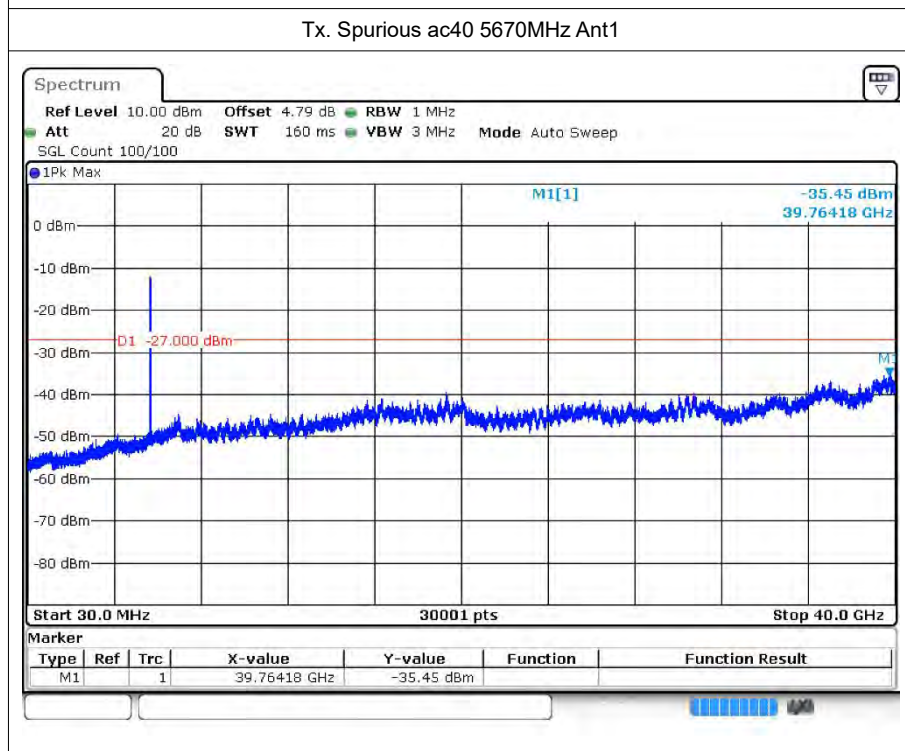
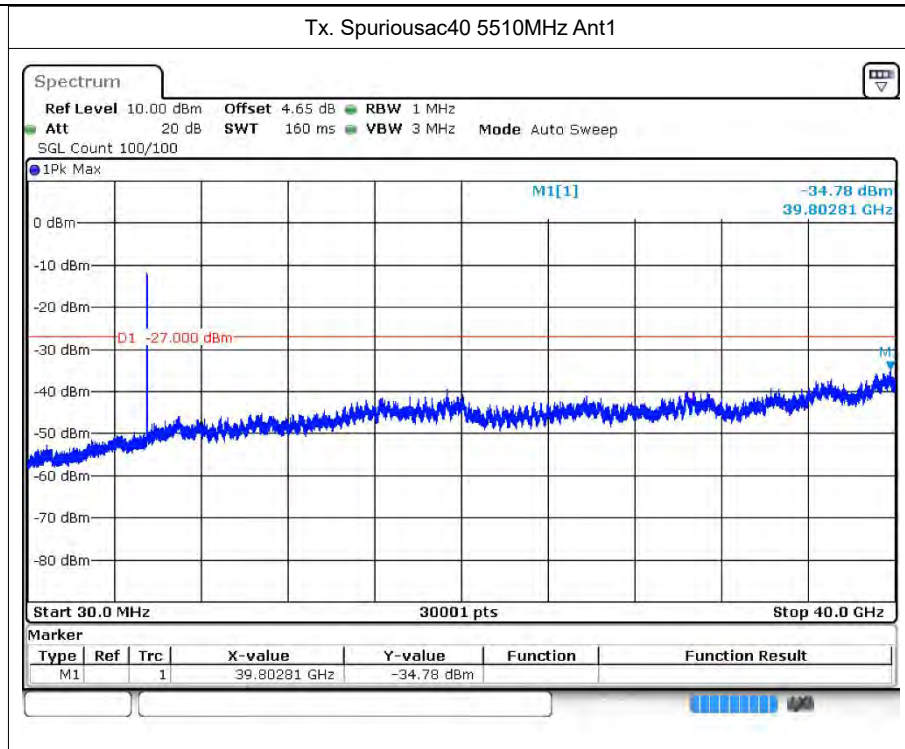


Tx. Spurious ac40 5270MHz Ant1



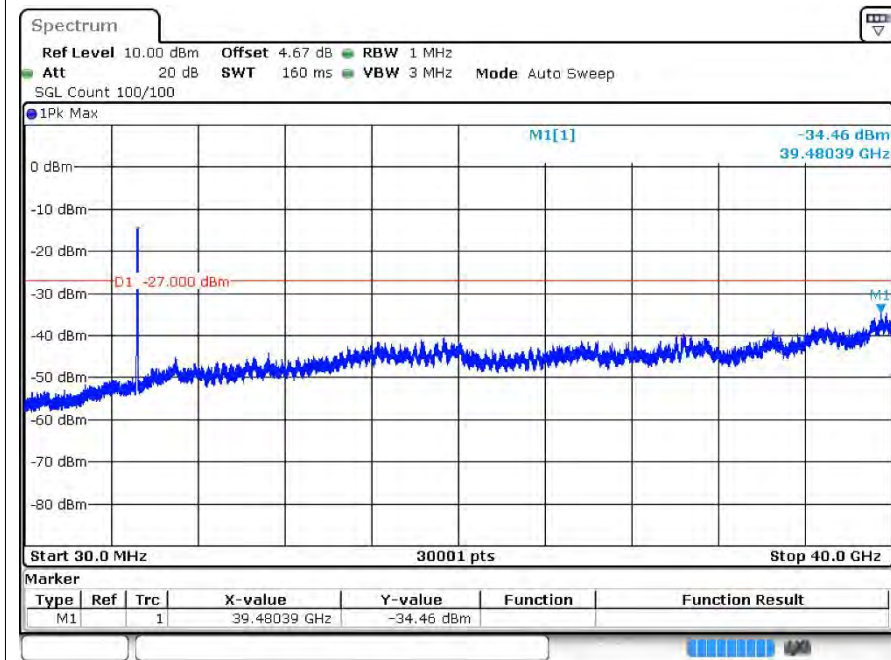
Tx. Spurious ac40 5310MHz Ant1



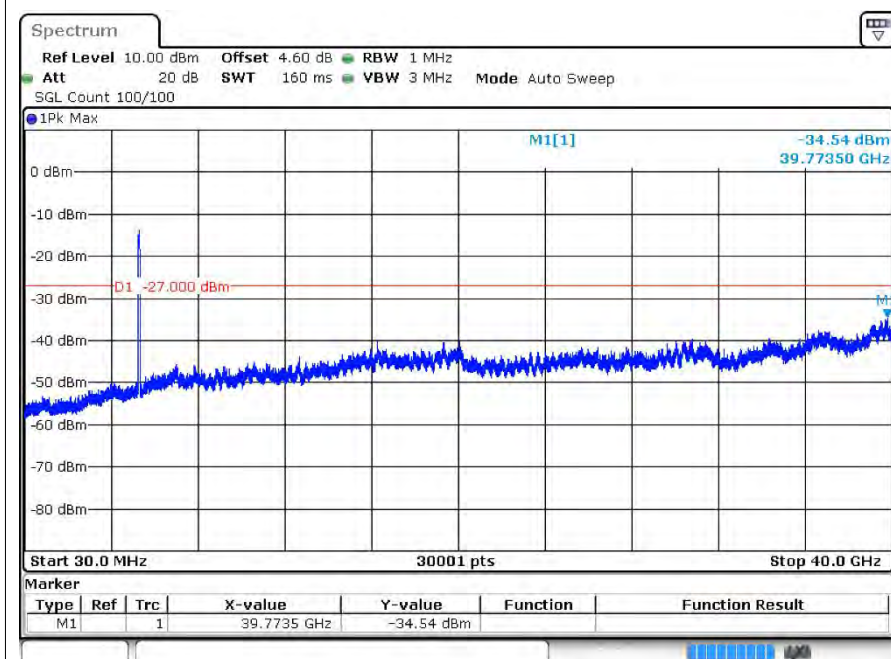




Tx. Spuriousac80 5210MHz Ant1

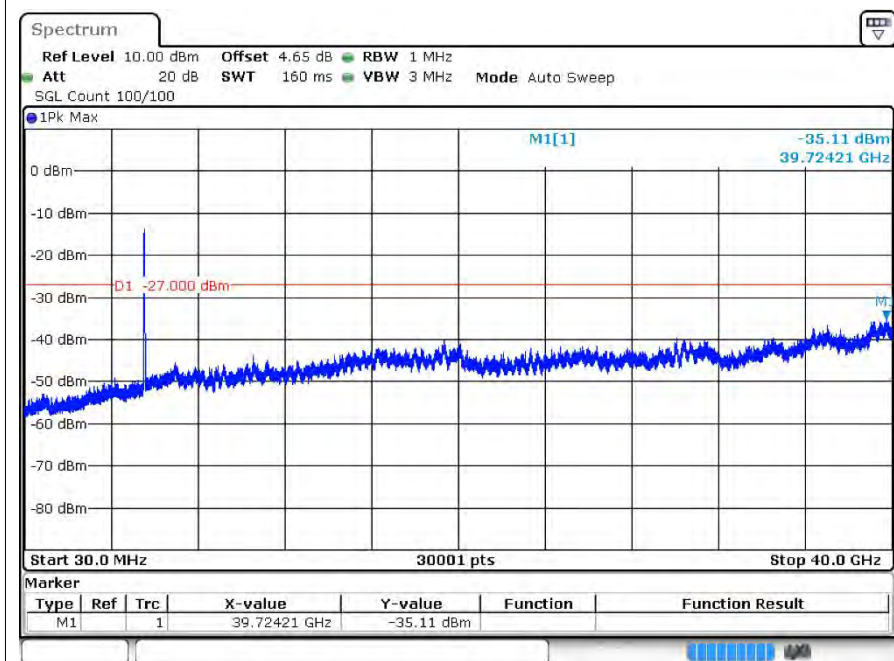


Tx. Spuriousac80 5290MHz Ant1

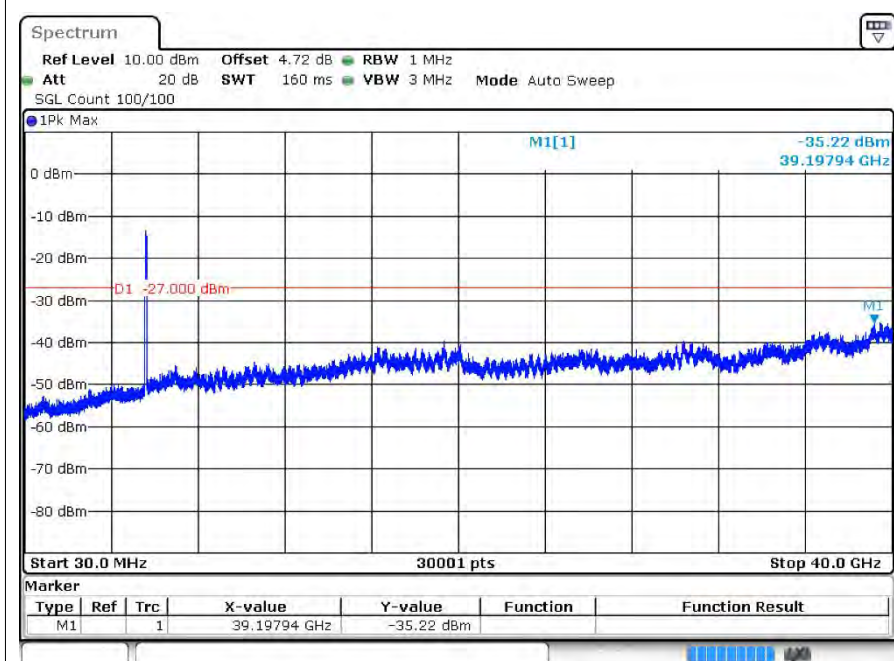




Tx. Spurious ac80 5530MHz Ant1



Tx. Spuriousac80 5610MHz 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	-45.06	2	52.17	Peak	68.2	Pass
a	5180	Ant1	4500	-53.61	2	44.24	Average	54	Pass
a	5180	Ant1	5013.8	-40.44	2	56.79	Peak	68.2	Pass
a	5180	Ant1	4954.3	-51.34	2	46.51	Average	54	Pass
a	5180	Ant1	5150	-44.98	2	52.25	Peak	68.2	Pass
a	5180	Ant1	5150	-51.96	2	45.89	Average	54	Pass
a	5240	Ant1	5350	-45.2	2	52.03	Peak	68.2	Pass
a	5240	Ant1	5350	-52.78	2	45.07	Average	54	Pass
a	5240	Ant1	5451.12	-42.01	2	55.22	Peak	68.2	Pass
a	5240	Ant1	5446.56	-49.66	2	48.19	Average	54	Pass
a	5240	Ant1	5460	-45.21	2	52.02	Peak	68.2	Pass
a	5240	Ant1	5460	-51.78	2	46.07	Average	54	Pass
a	5260	Ant1	4500	-45.28	2	51.95	Peak	68.2	Pass
a	5260	Ant1	4500	-53.44	2	44.4	Average	54	Pass
a	5260	Ant1	5056.14	-41.72	2	55.51	Peak	68.2	Pass
a	5260	Ant1	5138.82	-51.2	2	46.64	Average	54	Pass
a	5260	Ant1	5150	-43.14	2	54.09	Peak	68.2	Pass
a	5260	Ant1	5150	-52.67	2	45.17	Average	54	Pass
a	5320	Ant1	5350	-46.72	2	50.51	Peak	68.2	Pass
a	5320	Ant1	5350	-51	2	46.85	Average	54	Pass
a	5320	Ant1	5351.2	-41.85	2	55.38	Peak	68.2	Pass
a	5320	Ant1	5451.8	-49.88	2	47.97	Average	54	Pass
a	5320	Ant1	5460	-46.58	2	50.65	Peak	68.2	Pass
a	5320	Ant1	5460	-52.14	2	45.71	Average	54	Pass
a	5500	Ant1	5460	-44.78	2	52.45	Peak	68.2	Pass
a	5500	Ant1	5460	-52.25	2	45.6	Average	54	Pass
a	5500	Ant1	5463.8	-42.68	2	54.55	Peak	68.2	Pass
a	5500	Ant1	5461	-50.85	2	47	Average	54	Pass
a	5500	Ant1	5470	-43.01	2	54.22	Peak	68.2	Pass
a	5500	Ant1	5470	-52.49	2	45.36	Average	54	Pass
a	5700	Ant1	5725	-52.9	2	44.33	Peak	68.2	Pass
a	5700	Ant1	5725	-61.35	2	36.5	Average	54	Pass
a	5700	Ant1	5725.8	-52.14	2	45.09	Peak	68.2	Pass
a	5700	Ant1	5734.4	-59.76	2	38.09	Average	54	Pass
a	5700	Ant1	5735	-54.48	2	42.75	Peak	68.2	Pass



a	5700	Ant1	5735	-60.45	2	37.4	Average	54	Pass
n20	5180	Ant1	4500	-45.43	2	51.8	Peak	68.2	Pass
n20	5180	Ant1	4500	-52.71	2	45.11	Average	54	Pass
n20	5180	Ant1	4831.1	-42.04	2	55.19	Peak	68.2	Pass
n20	5180	Ant1	5067	-51.23	2	46.59	Average	54	Pass
n20	5180	Ant1	5150	-44.97	2	52.26	Peak	68.2	Pass
n20	5180	Ant1	5150	-52.67	2	45.15	Average	54	Pass
n20	5240	Ant1	5350	-46.04	2	51.19	Peak	68.2	Pass
n20	5240	Ant1	5350	-51.47	2	46.35	Average	54	Pass
n20	5240	Ant1	5456.88	-40.77	2	56.46	Peak	68.2	Pass
n20	5240	Ant1	5450.16	-50.29	2	47.53	Average	54	Pass
n20	5240	Ant1	5460	-43.69	2	53.54	Peak	68.2	Pass
n20	5240	Ant1	5460	-51.05	2	46.77	Average	54	Pass
n20	5260	Ant1	4500	-45.56	2	51.67	Peak	68.2	Pass
n20	5260	Ant1	4500	-53.32	2	44.5	Average	54	Pass
n20	5260	Ant1	4943.82	-41.67	2	55.56	Peak	68.2	Pass
n20	5260	Ant1	4982.82	-51.29	2	46.53	Average	54	Pass
n20	5260	Ant1	5150	-44.31	2	52.92	Peak	68.2	Pass
n20	5260	Ant1	5150	-52.36	2	45.46	Average	54	Pass
n20	5320	Ant1	5350	-45.37	2	51.86	Peak	68.2	Pass
n20	5320	Ant1	5350	-53.98	2	43.84	Average	54	Pass
n20	5320	Ant1	5454.8	-40.96	2	56.27	Peak	68.2	Pass
n20	5320	Ant1	5449.2	-49.77	2	48.05	Average	54	Pass
n20	5320	Ant1	5460	-45.77	2	51.46	Peak	68.2	Pass
n20	5320	Ant1	5460	-52.38	2	45.44	Average	54	Pass
n20	5500	Ant1	5460	-41.81	2	55.42	Peak	68.2	Pass
n20	5500	Ant1	5460	-51.42	2	46.4	Average	54	Pass
n20	5500	Ant1	5460	-41.81	2	55.42	Peak	68.2	Pass
n20	5500	Ant1	5469	-50.55	2	47.27	Average	54	Pass
n20	5500	Ant1	5470	-45.13	2	52.1	Peak	68.2	Pass
n20	5500	Ant1	5470	-51.11	2	46.71	Average	54	Pass
n20	5700	Ant1	5725	-43.8	2	53.43	Peak	68.2	Pass
n20	5700	Ant1	5725	-51.81	2	46.04	Average	54	Pass
n20	5700	Ant1	5727.6	-43.22	2	54.01	Peak	68.2	Pass
n20	5700	Ant1	5731.6	-49.65	2	48.2	Average	54	Pass
n20	5700	Ant1	5735	-44.05	2	53.18	Peak	68.2	Pass
n20	5700	Ant1	5735	-51.29	2	46.56	Average	54	Pass
n40	5190	Ant1	4500	-43.83	2	53.4	Peak	68.2	Pass
n40	5190	Ant1	4500	-52.6	2	45.82	Average	54	Pass
n40	5190	Ant1	5068.67	-42.15	2	55.08	Peak	68.2	Pass
n40	5190	Ant1	4994.21	-51.05	2	47.37	Average	54	Pass
n40	5190	Ant1	5150	-45.16	2	52.07	Peak	68.2	Pass
n40	5190	Ant1	5150	-52.25	2	46.17	Average	54	Pass



n40	5230	Ant1	5350	-44.48	2	52.75	Peak	68.2	Pass
n40	5230	Ant1	5350	-52.37	2	46.05	Average	54	Pass
n40	5230	Ant1	5449.47	-40.45	2	56.78	Peak	68.2	Pass
n40	5230	Ant1	5448.66	-49.52	2	48.9	Average	54	Pass
n40	5230	Ant1	5460	-44.31	2	52.92	Peak	68.2	Pass
n40	5230	Ant1	5460	-52.96	2	45.46	Average	54	Pass
n40	5270	Ant1	4500	-43.79	2	53.44	Peak	68.2	Pass
n40	5270	Ant1	4500	-53.01	2	45.39	Average	54	Pass
n40	5270	Ant1	4700.07	-41.6	2	55.63	Peak	68.2	Pass
n40	5270	Ant1	4964.94	-51.12	2	47.28	Average	54	Pass
n40	5270	Ant1	5150	-43.88	2	53.35	Peak	68.2	Pass
n40	5270	Ant1	5150	-52.69	2	45.71	Average	54	Pass
n40	5310	Ant1	5350	-46.7	2	50.53	Peak	68.2	Pass
n40	5310	Ant1	5350	-51.28	2	47.13	Average	54	Pass
n40	5310	Ant1	5392.2	-42.54	2	54.69	Peak	68.2	Pass
n40	5310	Ant1	5394	-50.93	2	47.48	Average	54	Pass
n40	5310	Ant1	5460	-46.6	2	50.63	Peak	68.2	Pass
n40	5310	Ant1	5460	-54.55	2	43.86	Average	54	Pass
n40	5510	Ant1	5460	-45.32	2	51.91	Peak	68.2	Pass
n40	5510	Ant1	5460	-51.59	2	46.83	Average	54	Pass
n40	5510	Ant1	5468.2	-42.99	2	54.24	Peak	68.2	Pass
n40	5510	Ant1	-50.95	-50.95	2	47.47	Average	54	Pass
n40	5510	Ant1	5470	-45.53	2	51.7	Peak	68.2	Pass
n40	5510	Ant1	5470	-52.34	2	46.08	Average	54	Pass
n40	5670	Ant1	5725	-43.92	2	53.31	Peak	68.2	Pass
n40	5670	Ant1	5725	-51.3	2	47.12	Average	54	Pass
n40	5670	Ant1	5731.4	-42.53	2	54.7	Peak	68.2	Pass
n40	5670	Ant1	5730.6	-50.62	2	47.8	Average	54	Pass
n40	5670	Ant1	-44	-44	2	53.23	Peak	68.2	Pass
n40	5670	Ant1	5735	-51.17	2	47.25	Average	54	Pass
ac20	5180	Ant1	4500	-45.2	2	52.03	Peak	68.2	Pass
ac20	5180	Ant1	4500	-54.44	2	43.39	Average	54	Pass
ac20	5180	Ant1	4978.8	-41.7	2	55.53	Peak	68.2	Pass
ac20	5180	Ant1	5039.7	-50.86	2	46.97	Average	54	Pass
ac20	5180	Ant1	5150	-44.11	2	53.12	Peak	68.2	Pass
ac20	5180	Ant1	5150	-52.55	2	45.28	Average	54	Pass
ac20	5240	Ant1	5350	-44.91	2	52.32	Peak	68.2	Pass
ac20	5240	Ant1	5350	-51.99	2	45.85	Average	54	Pass
ac20	5240	Ant1	5449.68	-42.02	2	55.21	Peak	68.2	Pass
ac20	5240	Ant1	5446.8	-49.13	2	48.71	Average	54	Pass
ac20	5240	Ant1	5460	-45.01	2	52.22	Peak	68.2	Pass
ac20	5240	Ant1	5460	-51.64	2	46.2	Average	54	Pass
ac20	5260	Ant1	4500	-45.05	2	52.18	Peak	68.2	Pass

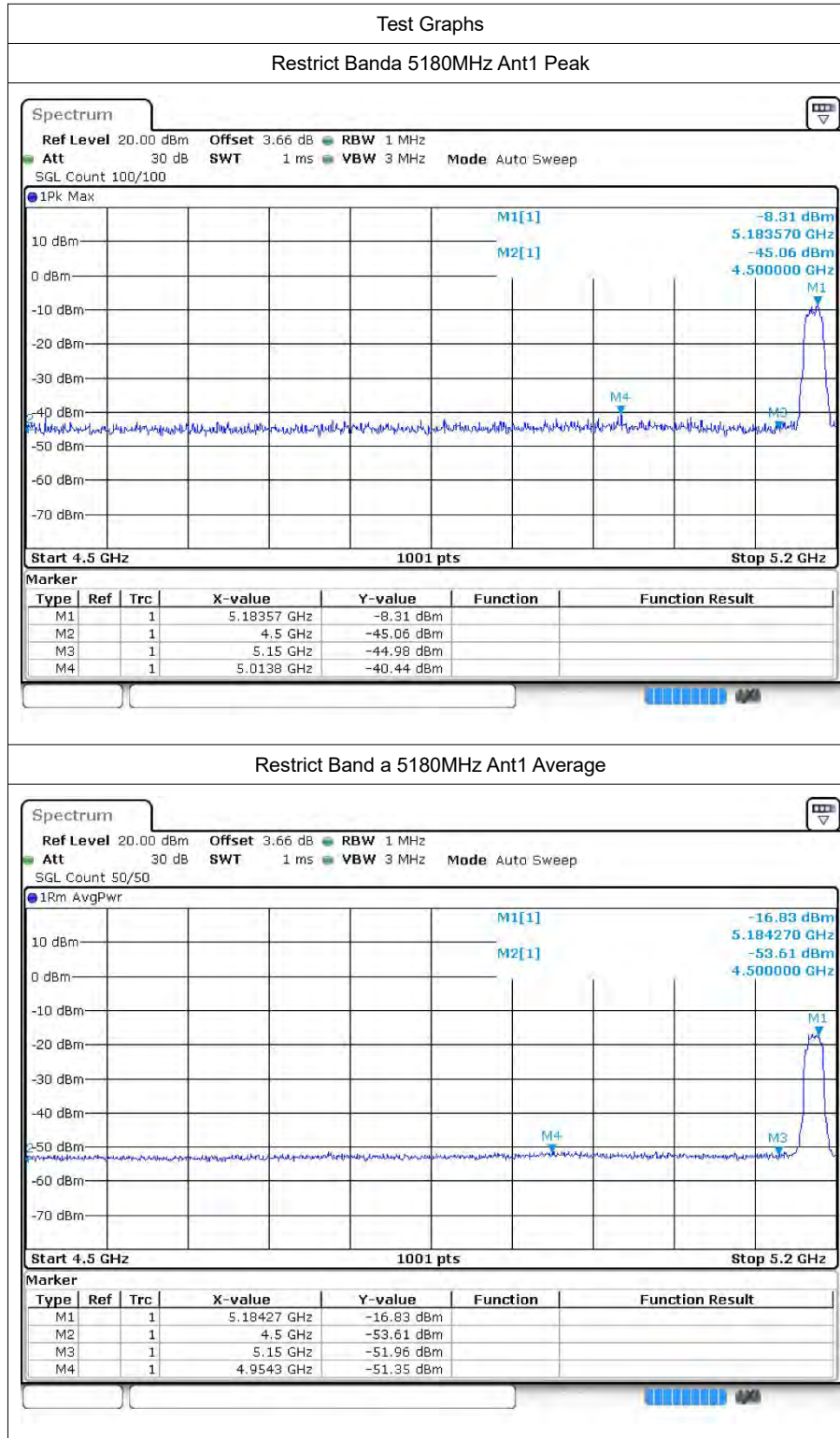


ac20	5260	Ant1	4500	-53.61	2	44.23	Average	54	Pass
ac20	5260	Ant1	4961.76	-41.89	2	55.34	Peak	68.2	Pass
ac20	5260	Ant1	5130.24	-51.3	2	46.54	Average	54	Pass
ac20	5260	Ant1	5150	-44.32	2	52.91	Peak	68.2	Pass
ac20	5260	Ant1	5150	-52.45	2	45.39	Average	54	Pass
ac20	5320	Ant1	5350	-45.06	2	52.17	Peak	68.2	Pass
ac20	5320	Ant1	5350	-51.36	2	46.48	Average	54	Pass
ac20	5320	Ant1	5396.6	-42.44	2	54.79	Peak	68.2	Pass
ac20	5320	Ant1	5449.8	-49.02	2	48.82	Average	54	Pass
ac20	5320	Ant1	5460	-47.27	2	49.96	Peak	68.2	Pass
ac20	5320	Ant1	5460	-52.08	2	45.76	Average	54	Pass
ac20	5500	Ant1	5460	-43.48	2	53.75	Peak	68.2	Pass
ac20	5500	Ant1	5460	-51.45	2	46.38	Average	54	Pass
ac20	5500	Ant1	5462	-42.49	2	54.74	Peak	68.2	Pass
ac20	5500	Ant1	5460.4	-51.12	2	46.71	Average	54	Pass
ac20	5500	Ant1	5470	-45.05	2	52.18	Peak	68.2	Pass
ac20	5500	Ant1	5470	-51.65	2	46.18	Average	54	Pass
ac20	5700	Ant1	5725	-43.82	2	53.41	Peak	68.2	Pass
ac20	5700	Ant1	5725	-51.81	2	46.04	Average	54	Pass
ac20	5700	Ant1	5728	-41.81	2	55.42	Peak	68.2	Pass
ac20	5700	Ant1	5731.8	-49.82	2	48.03	Average	54	Pass
ac20	5700	Ant1	5735	-45.45	2	51.78	Peak	68.2	Pass
ac20	5700	Ant1	5735	-52.4	2	45.45	Average	54	Pass
ac40	5190	Ant1	4500	-45.59	2	51.64	Peak	68.2	Pass
ac40	5190	Ant1	4500	-52.71	2	45.81	Average	54	Pass
ac40	5190	Ant1	4543.07	-41.6	2	55.63	Peak	68.2	Pass
ac40	5190	Ant1	4972.31	-51.29	2	47.23	Average	54	Pass
ac40	5190	Ant1	5150	-45.72	2	51.51	Peak	68.2	Pass
ac40	5190	Ant1	5150	-52.36	2	46.16	Average	54	Pass
ac40	5230	Ant1	5350	-45.67	2	51.56	Peak	68.2	Pass
ac40	5230	Ant1	5350	-53.41	2	45.11	Average	54	Pass
ac40	5230	Ant1	5374.41	-42.13	2	55.1	Peak	68.2	Pass
ac40	5230	Ant1	5447.04	-49.4	2	49.12	Average	54	Pass
ac40	5230	Ant1	5460	-45.15	2	52.08	Peak	68.2	Pass
ac40	5230	Ant1	5460	-52.02	2	46.5	Average	54	Pass
ac40	5270	Ant1	4500	-46.04	2	51.19	Peak	68.2	Pass
ac40	5270	Ant1	4500	-52.89	2	45.6	Average	54	Pass
ac40	5270	Ant1	4723.56	-41.5	2	55.73	Peak	68.2	Pass
ac40	5270	Ant1	4968.18	-51.14	2	47.35	Average	54	Pass
ac40	5270	Ant1	5150	-45.09	2	52.14	Peak	68.2	Pass
ac40	5270	Ant1	5150	-53.03	2	45.46	Average	54	Pass
ac40	5310	Ant1	5350	-45.95	2	51.28	Peak	68.2	Pass
ac40	5310	Ant1	5350	-52.51	2	45.98	Average	54	Pass

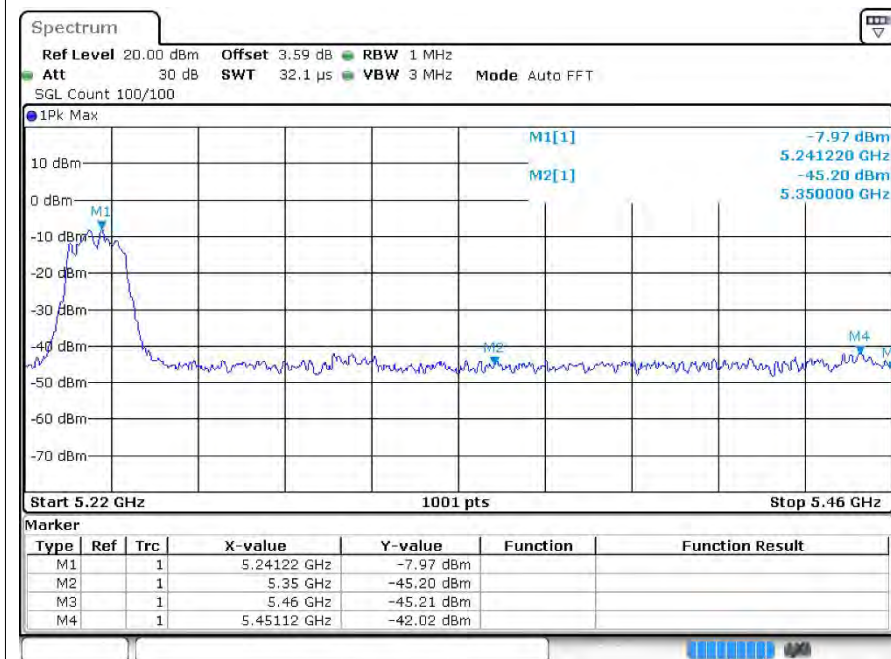


ac40	5310	Ant1	5392.8	-41.93	2	55.3	Peak	68.2	Pass
ac40	5310	Ant1	5429.6	-50.36	2	48.13	Average	54	Pass
ac40	5310	Ant1	5460	-43.41	2	53.82	Peak	68.2	Pass
ac40	5310	Ant1	5460	-51.64	2	46.85	Average	54	Pass
ac40	5510	Ant1	5460	-44.83	2	52.4	Peak	68.2	Pass
ac40	5510	Ant1	5460	-52.14	2	46.38	Average	54	Pass
ac40	5510	Ant1	5468.2	-43.67	2	53.56	Peak	68.2	Pass
ac40	5510	Ant1	-51.12	-51.12	2	47.4	Average	54	Pass
ac40	5510	Ant1	5470	-45.96	2	51.27	Peak	68.2	Pass
ac40	5510	Ant1	5470	-52.39	2	46.13	Average	54	Pass
ac40	5670	Ant1	5725	-44.67	2	52.56	Peak	68.2	Pass
ac40	5670	Ant1	5725	-51.22	2	47.31	Average	54	Pass
ac40	5670	Ant1	5732.4	-42.01	2	55.22	Peak	68.2	Pass
ac40	5670	Ant1	5729.8	-50.33	2	48.2	Average	54	Pass
ac40	5670	Ant1	-43.82	-43.82	2	53.41	Peak	68.2	Pass
ac40	5670	Ant1	5735	-50.92	2	47.61	Average	54	Pass
ac80	5210	Ant1	4500	-45.23	2	52	Peak	68.2	Pass
ac80	5210	Ant1	4500	-53.11	2	46.18	Average	54	Pass
ac80	5210	Ant1	4999.28	-41.95	2	55.28	Peak	68.2	Pass
ac80	5210	Ant1	4985.85	-51.15	2	48.14	Average	54	Pass
ac80	5210	Ant1	5150	-44.52	2	52.71	Peak	68.2	Pass
ac80	5210	Ant1	5150	-52.46	2	46.83	Average	54	Pass
ac80	5290	Ant1	4500	-46.52	2	50.71	Peak	68.2	Pass
ac80	5290	Ant1	4500	-52.54	2	46.21	Average	54	Pass
ac80	5290	Ant1	4888.89	-41.91	2	55.32	Peak	68.2	Pass
ac80	5290	Ant1	4964.58	-50.96	2	47.79	Average	54	Pass
ac80	5290	Ant1	5150	-44.07	2	53.16	Peak	68.2	Pass
ac80	5290	Ant1	5150	-52.56	2	46.19	Average	54	Pass
ac80	5530	Ant1	5460	-44.06	2	53.17	Peak	68.2	Pass
ac80	5530	Ant1	5460	-53.15	2	46.61	Average	54	Pass
ac80	5530	Ant1	5460.8	-42.75	2	54.48	Peak	68.2	Pass
ac80	5530	Ant1	5468	-51.62	2	48.14	Average	54	Pass
ac80	5530	Ant1	5470	-45.25	2	51.98	Peak	68.2	Pass
ac80	5530	Ant1	5470	-52.48	2	47.28	Average	54	Pass
ac80	5610	Ant1	5725	-43.74	2	53.49	Peak	68.2	Pass
ac80	5610	Ant1	5725	-50.57	2	48.29	Average	54	Pass
ac80	5610	Ant1	5731.105	-42.7	2	54.53	Peak	68.2	Pass
ac80	5610	Ant1	5734.385	-50.11	2	48.75	Average	54	Pass
ac80	5610	Ant1	5735	-44.31	2	52.92	Peak	68.2	Pass
ac80	5610	Ant1	5735	-50.91	2	47.95	Average	54	Pass

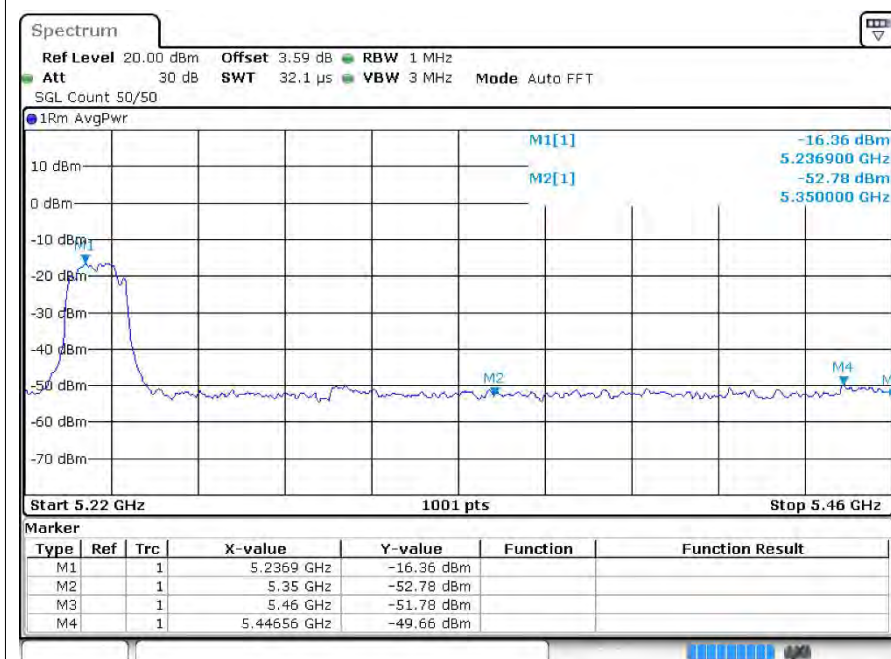
8.2 Test Graphs

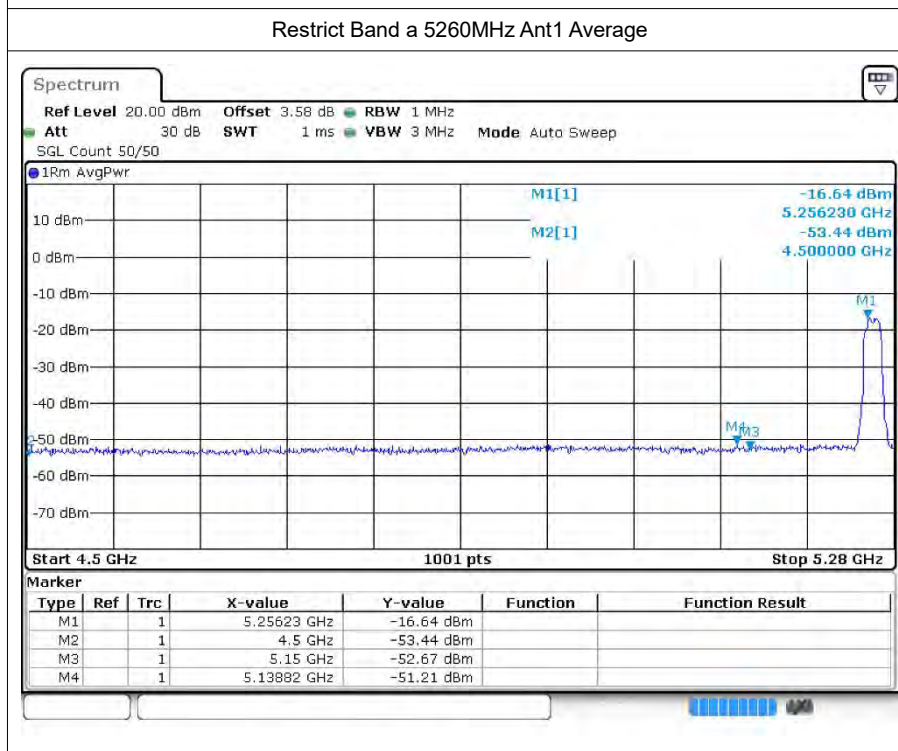
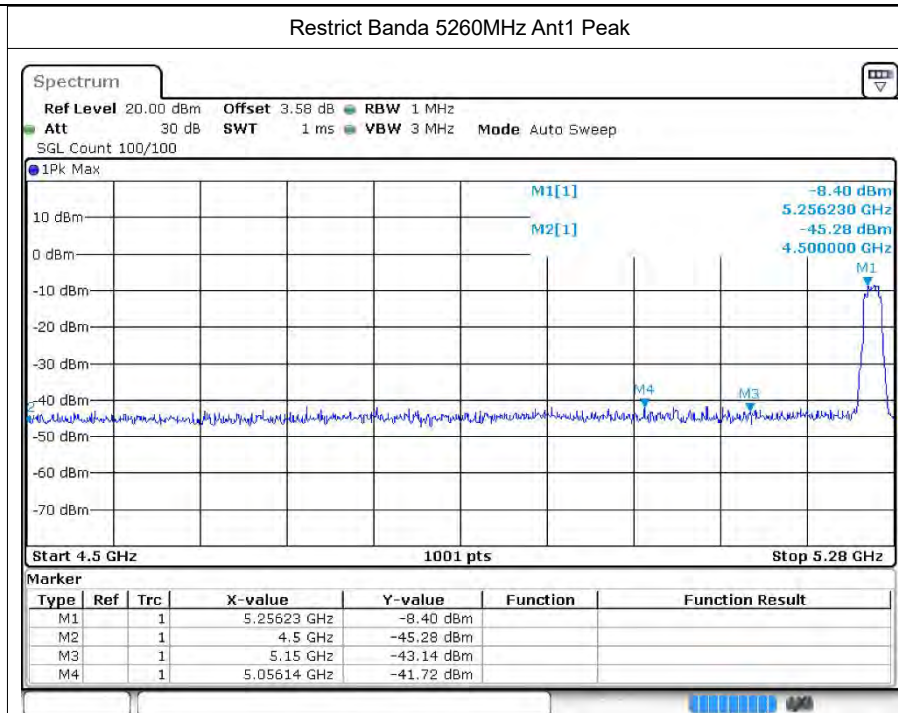


Restrict Banda 5240MHz Ant1 Peak

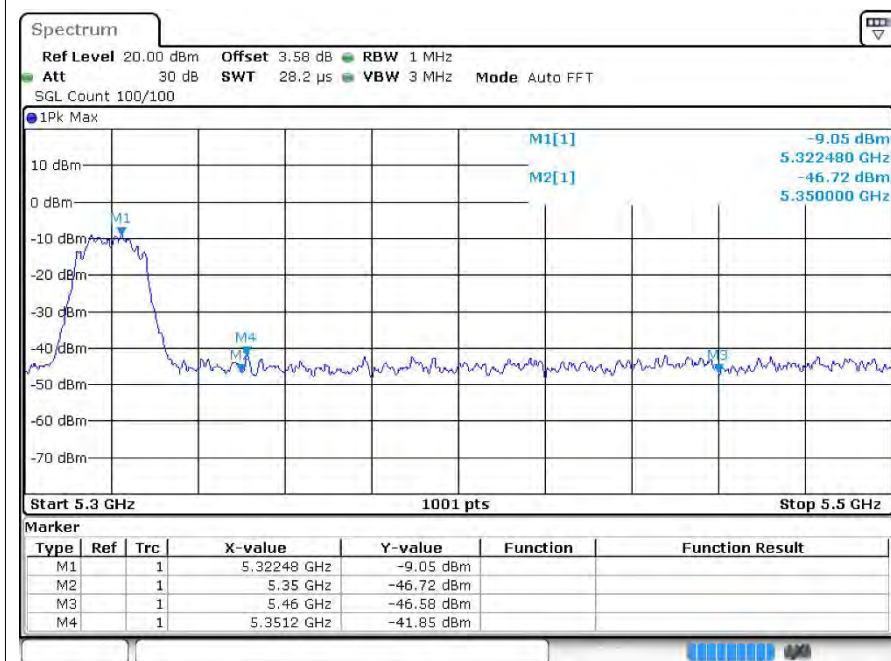


Restrict Band a 5240MHz Ant1 Average

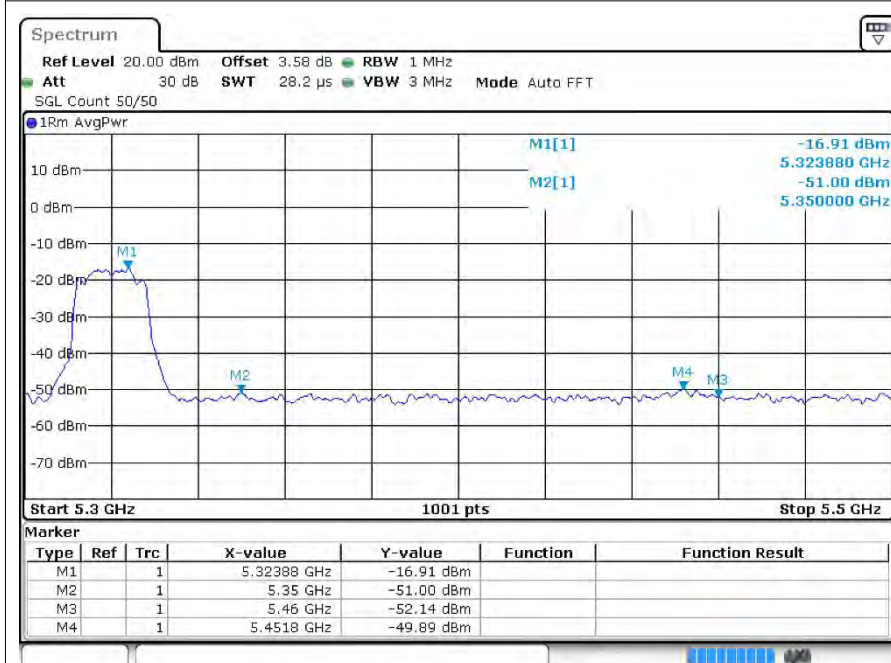


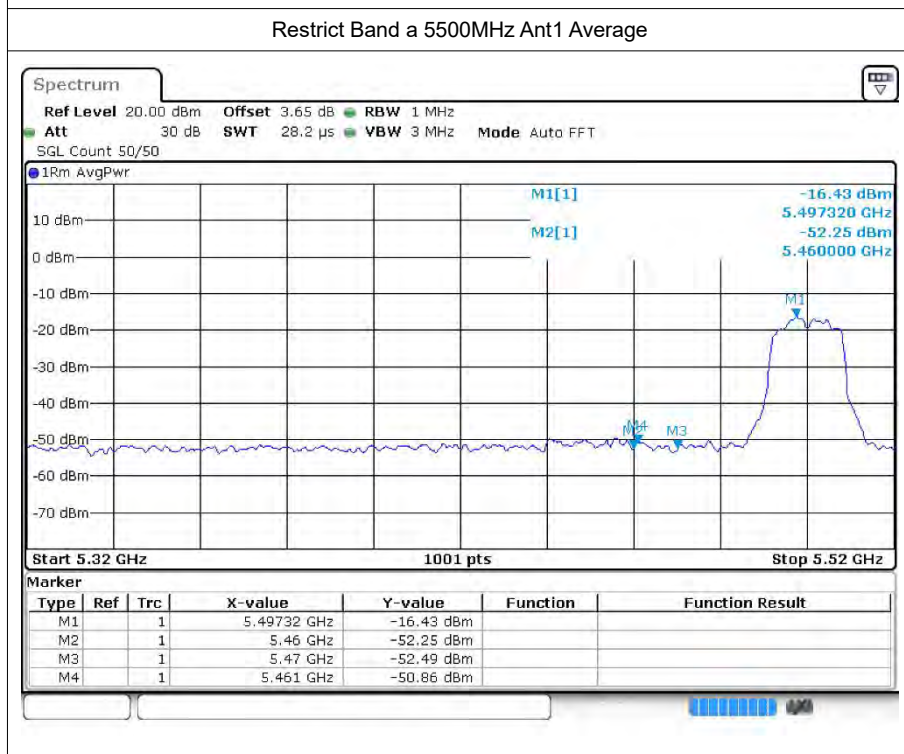
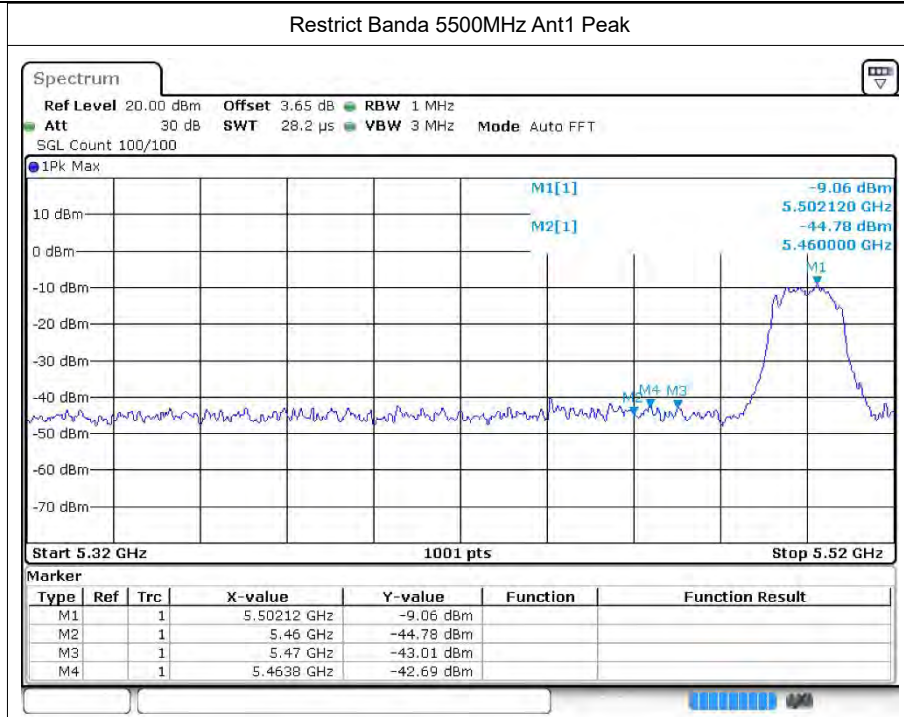


Restrict Banda 5320MHz Ant1 Peak

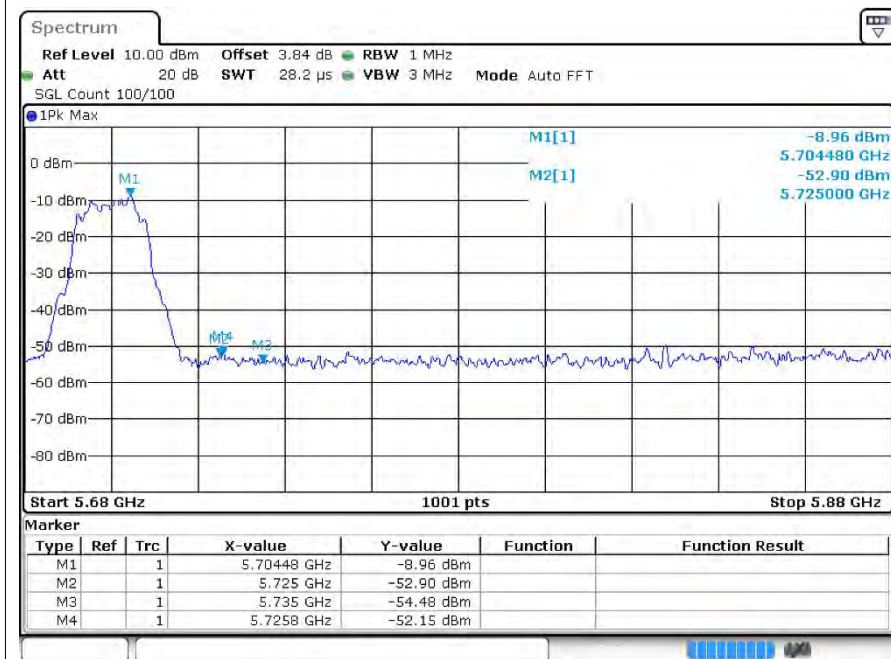


Restrict Band a 5320MHz Ant1 Average

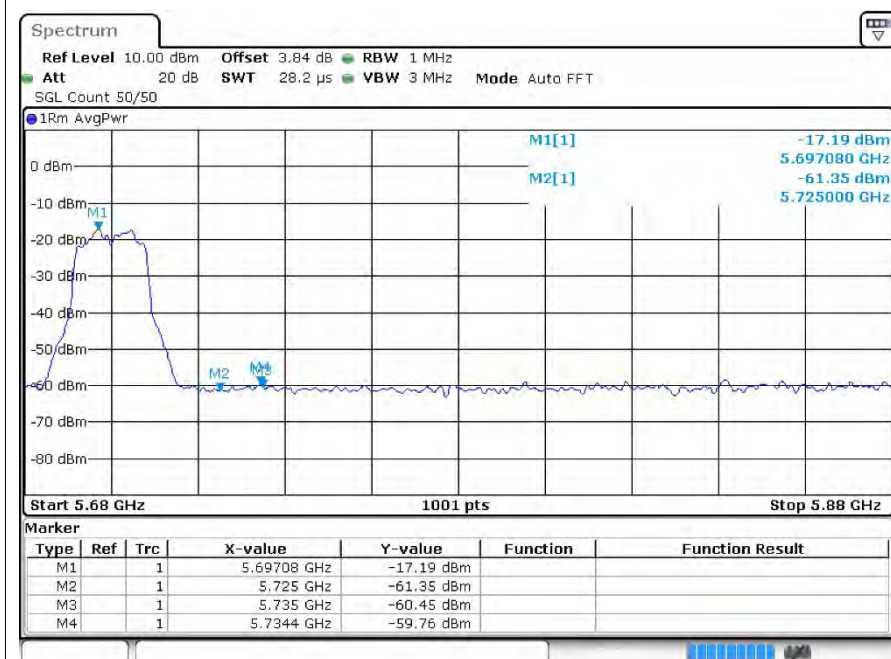


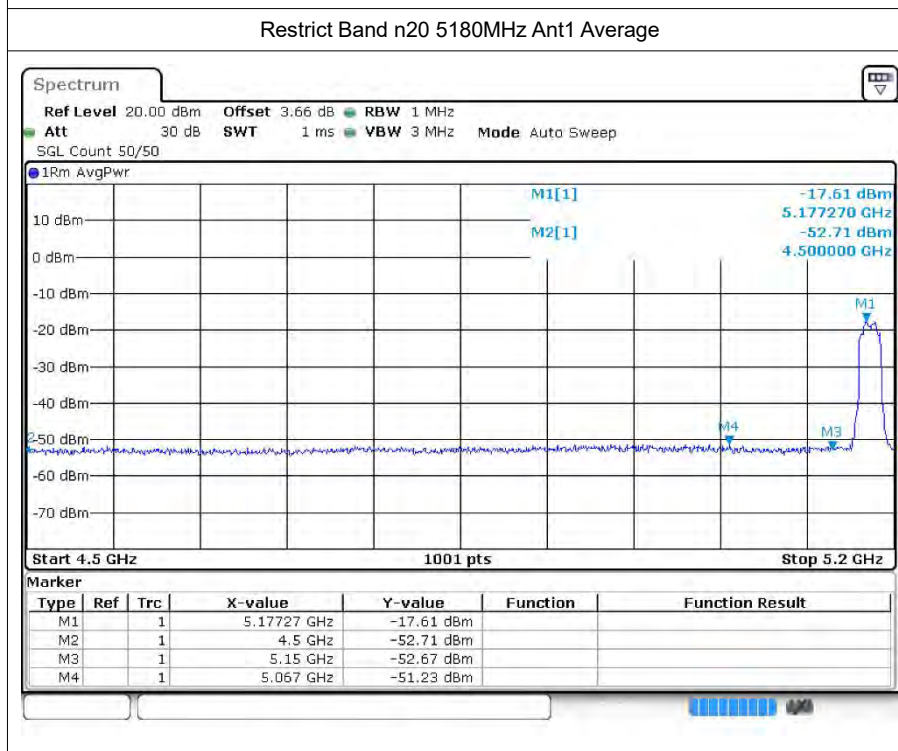
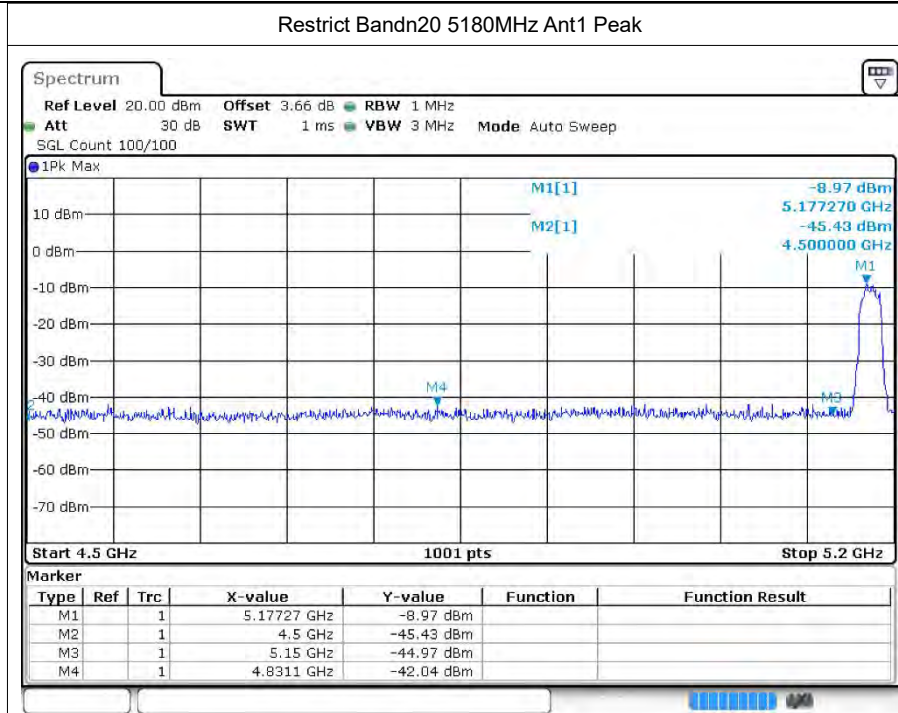


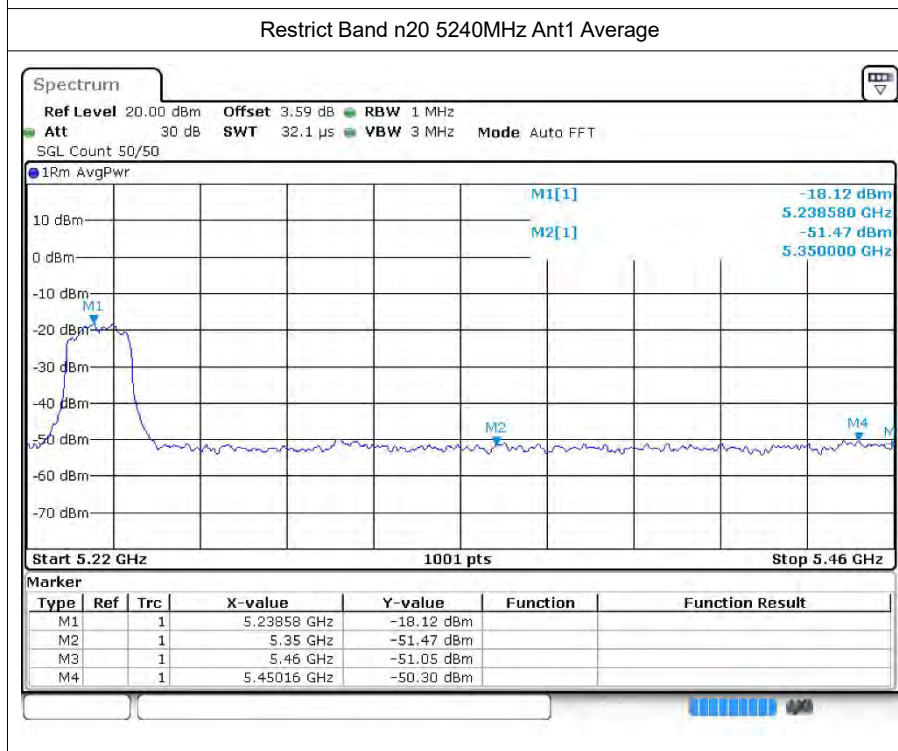
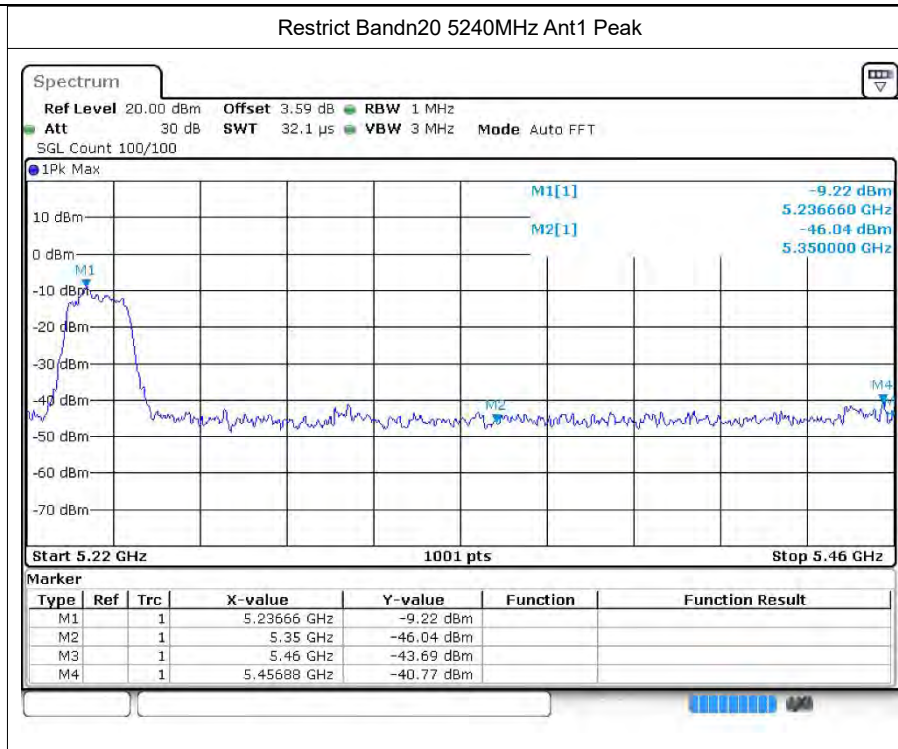
Restrict Banda 5700MHz Ant1 Peak

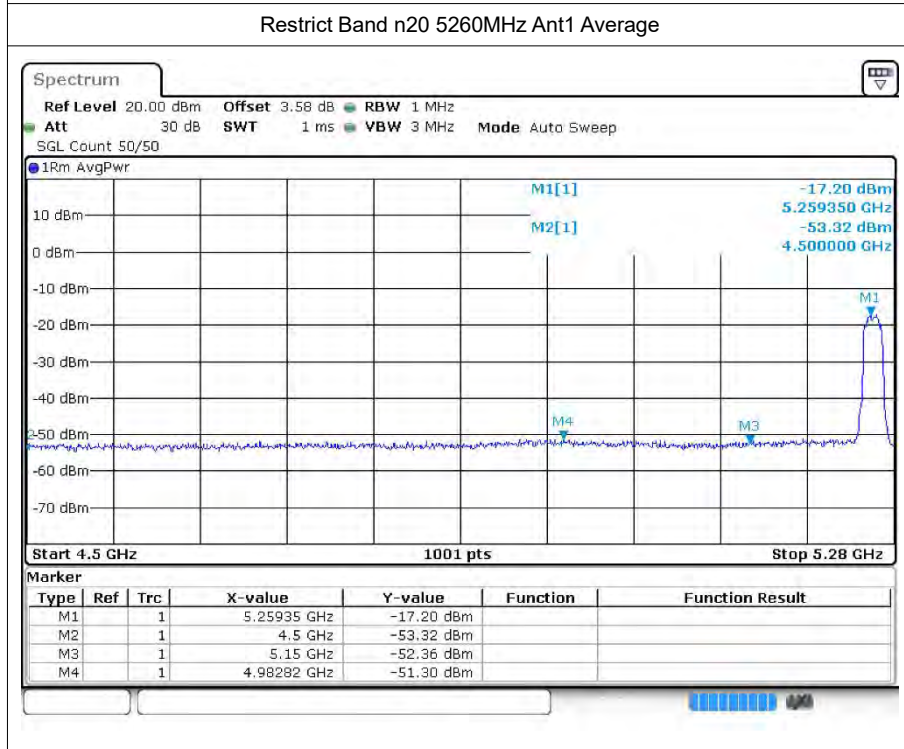
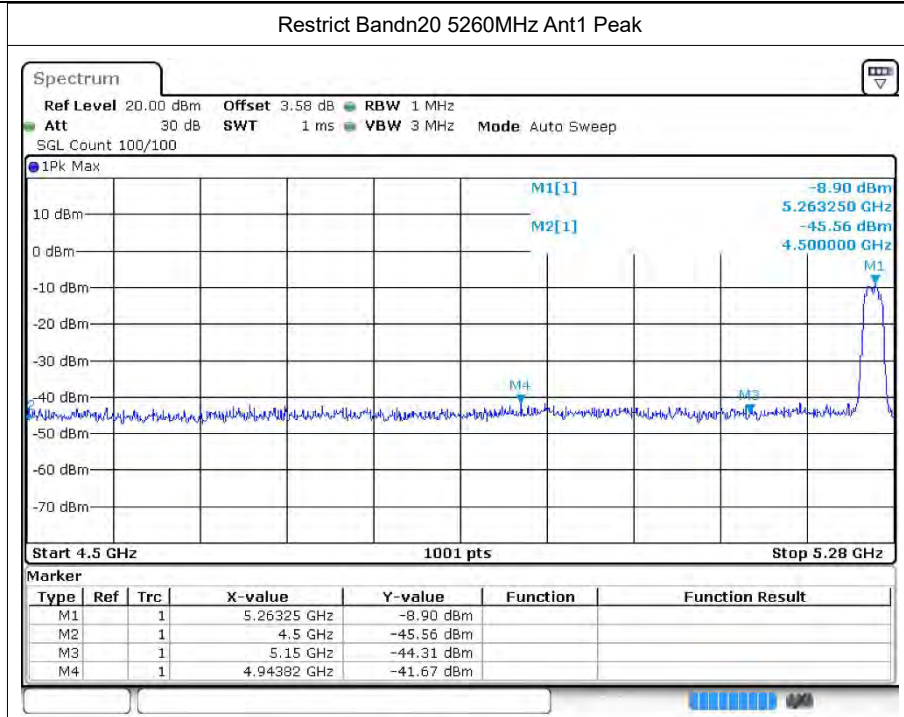


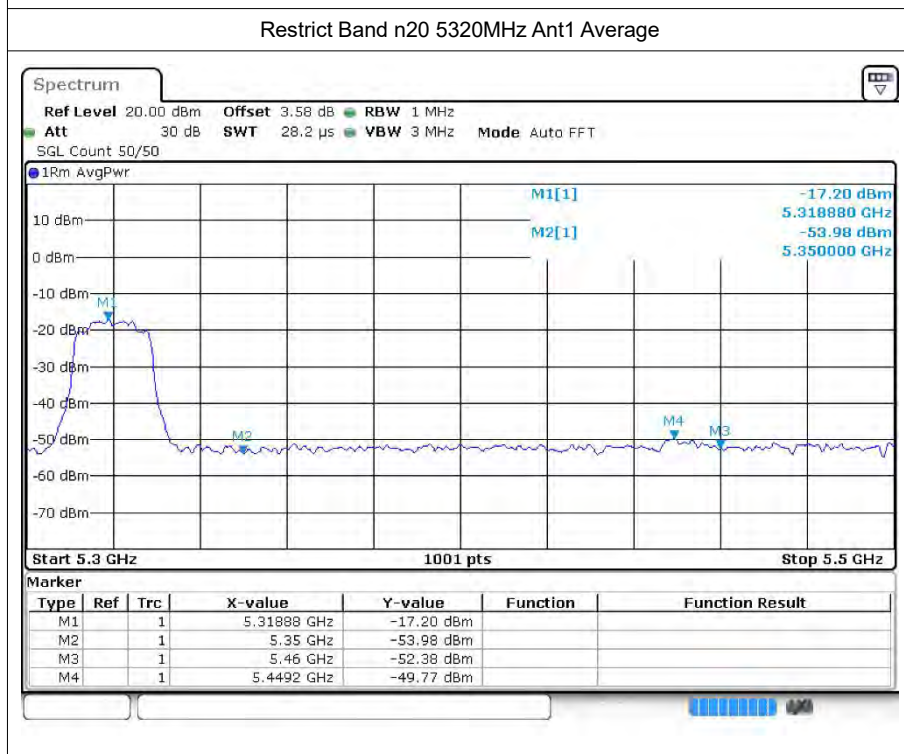
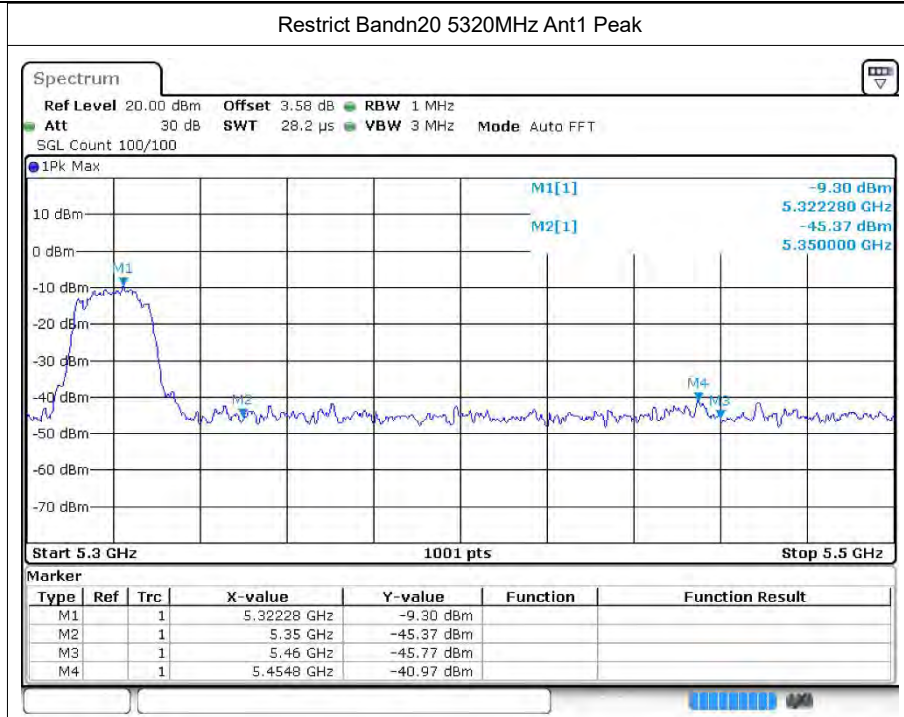
Restrict Band a 5700MHz Ant1 Average





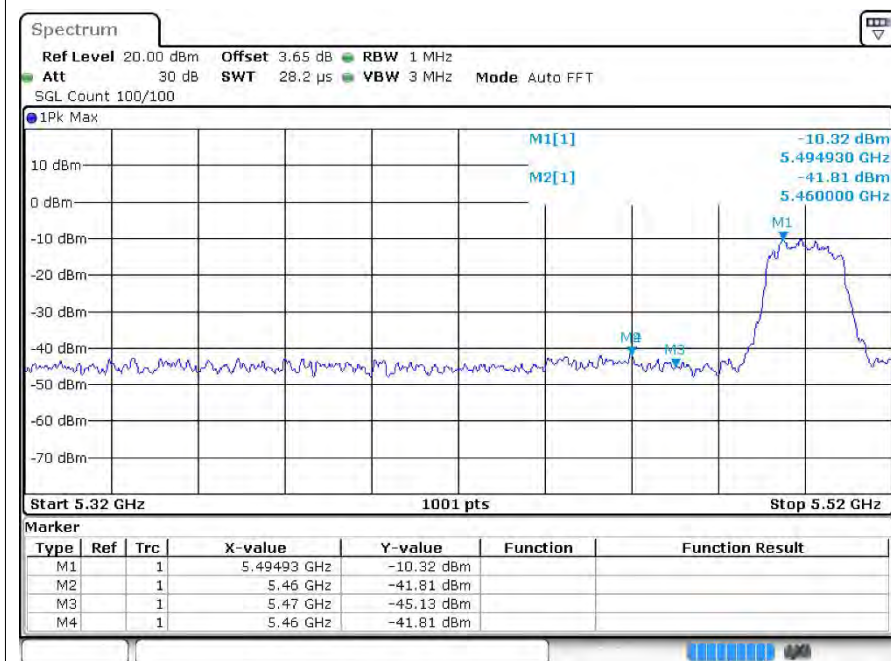








Restrict Bandn20 5500MHz Ant1 Peak



Restrict Band n20 5500MHz Ant1 Average

