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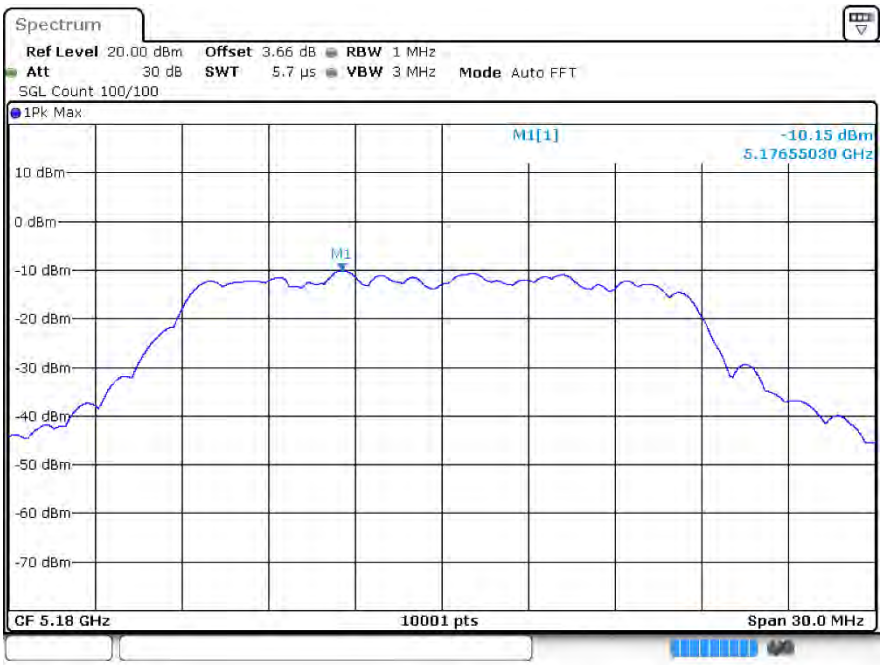
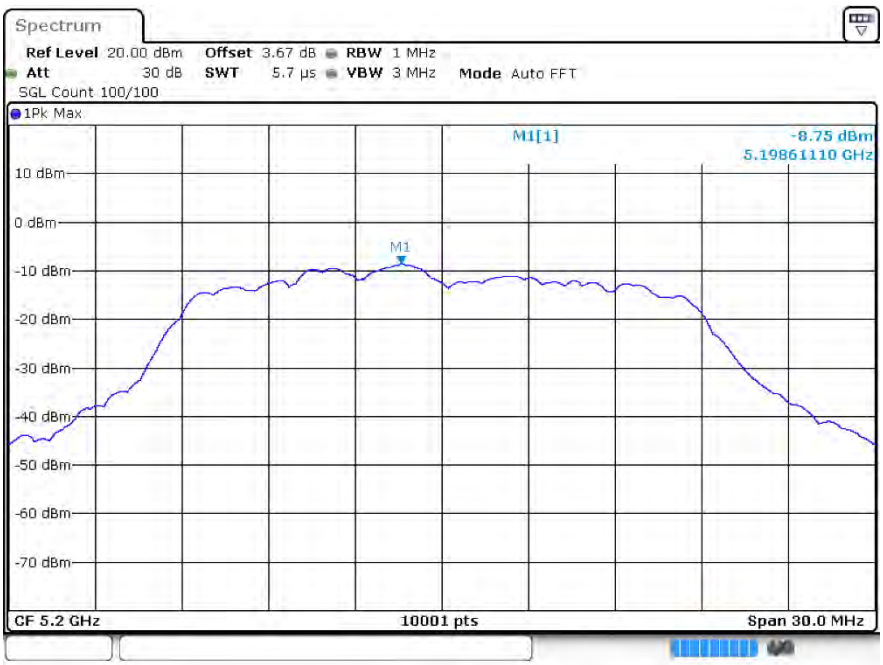


PSD ac20 5200MHz Ant1



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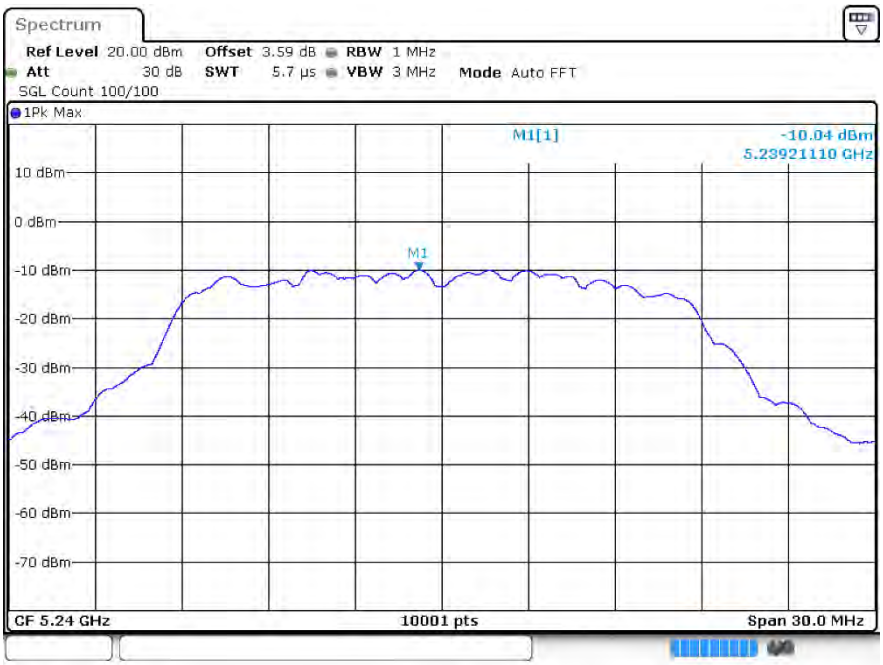

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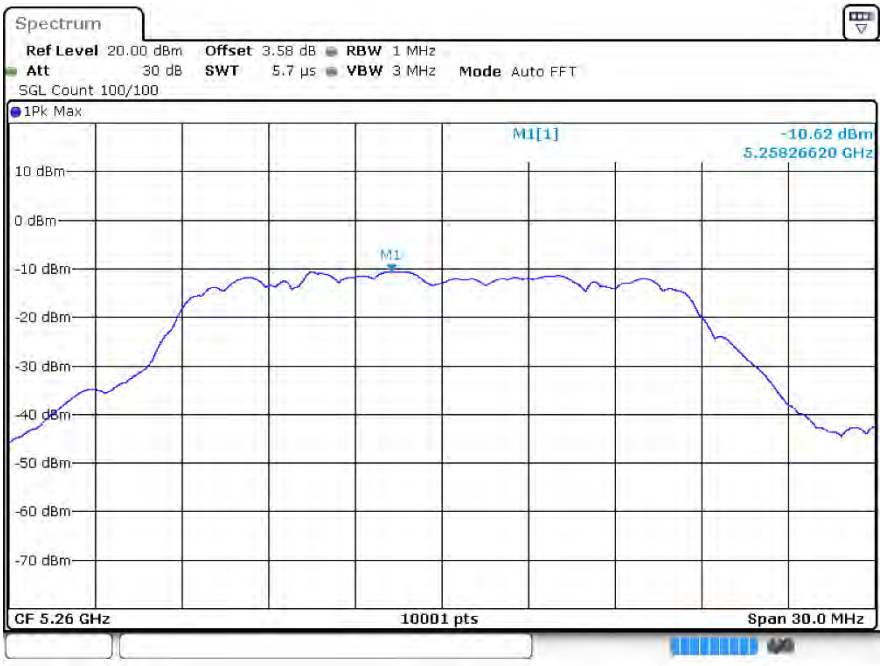
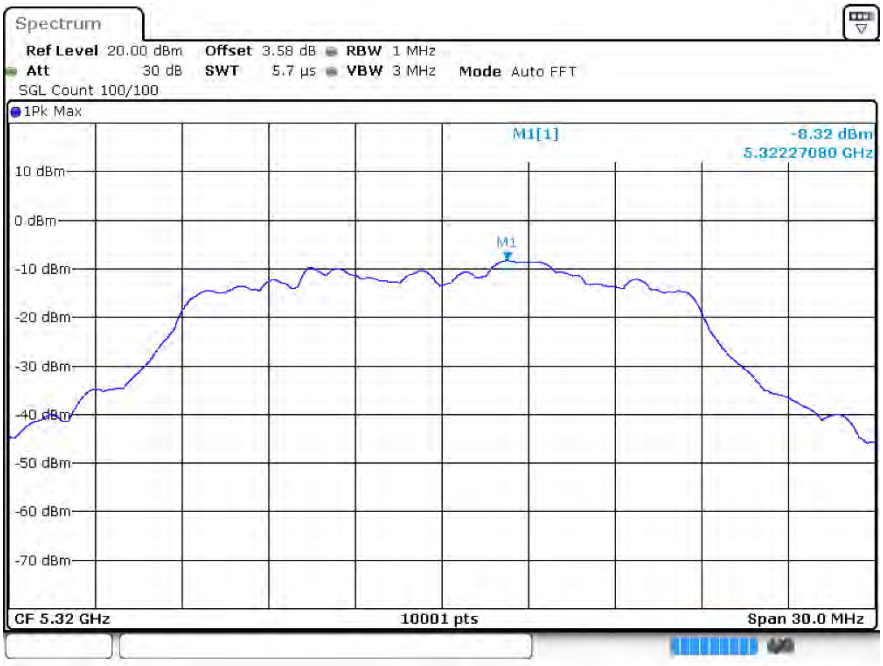


PSD ac20 5280MHz Ant1

PSD ac20 5320MHz Ant1



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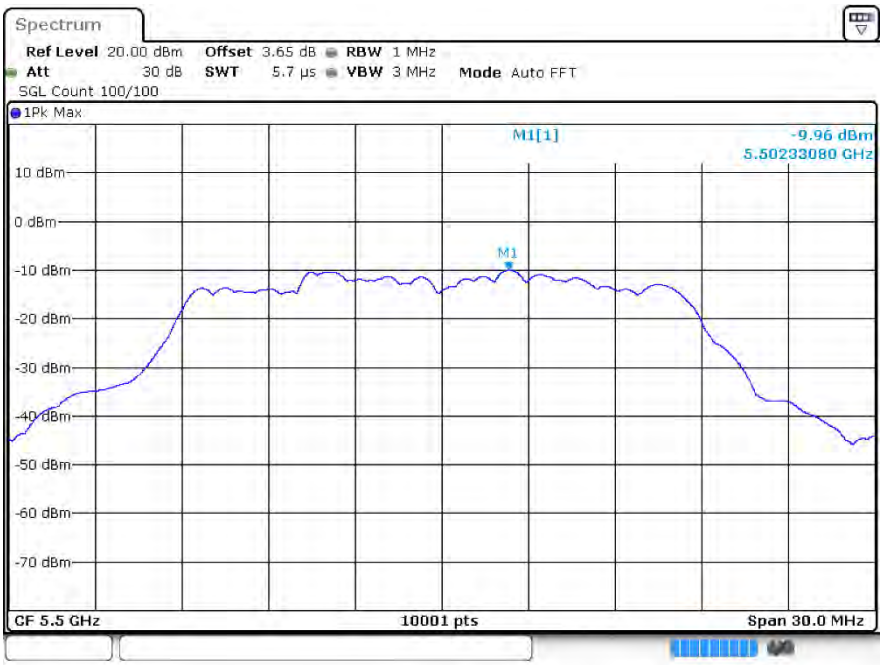
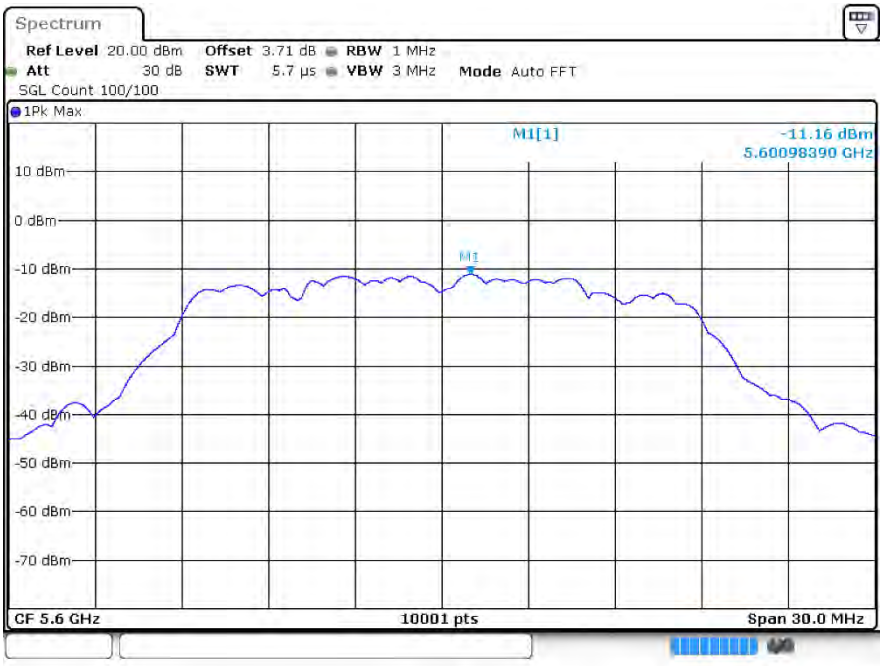
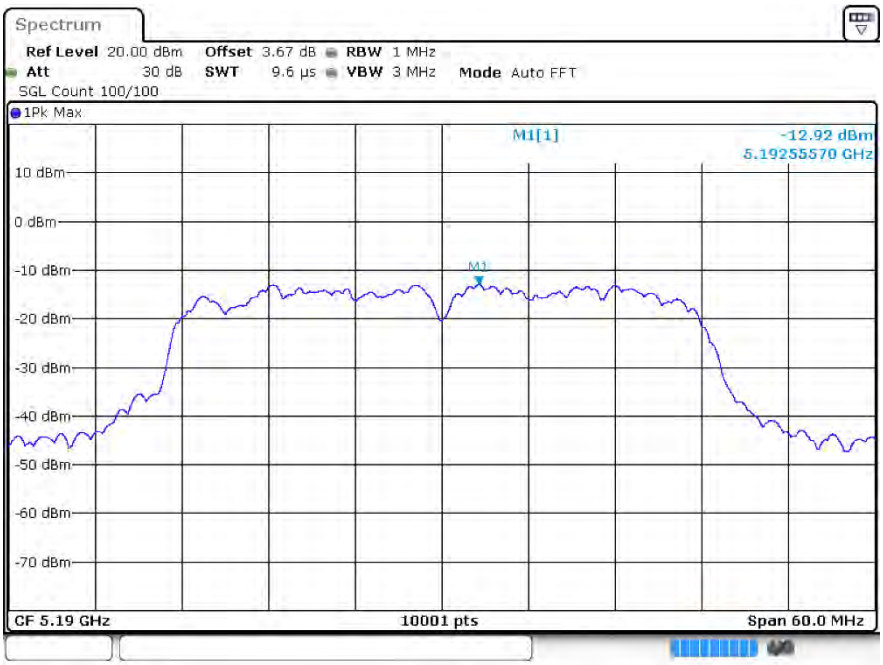


PSD ac20 5600MHz Ant1

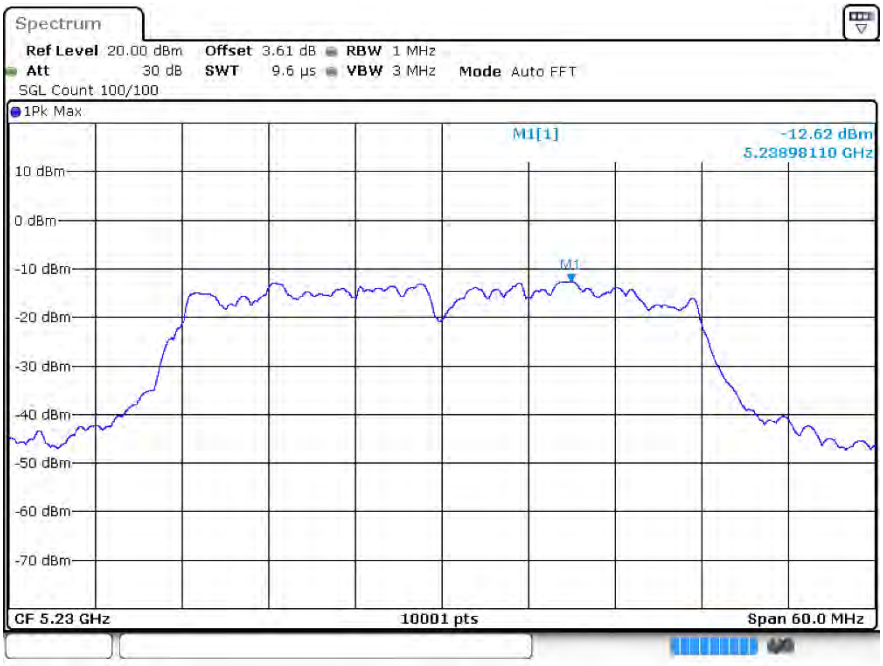


PSD ac20 5700MHz Ant1

PSDac40 5190MHz Ant1



PSDac40 5230MHz Ant1



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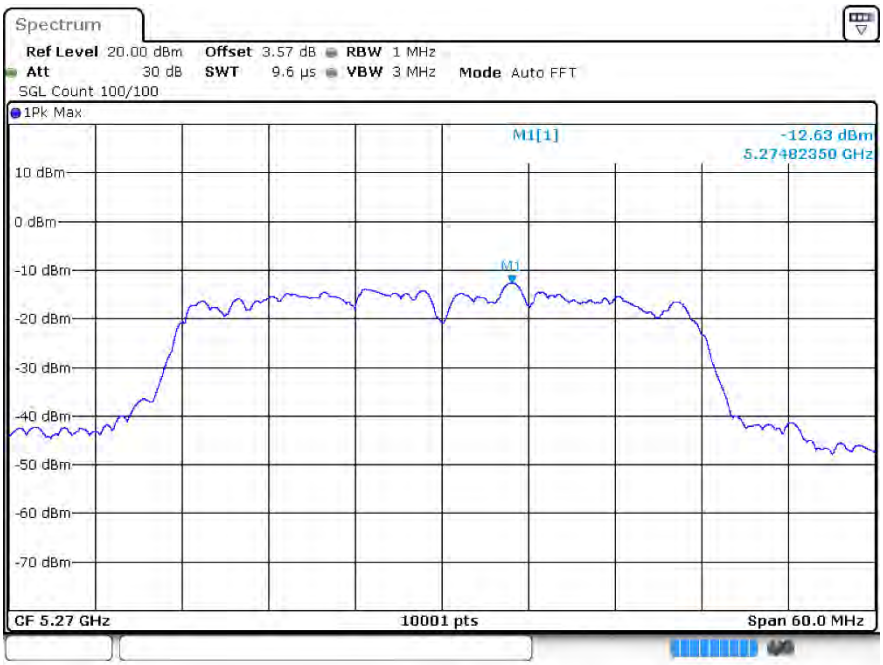
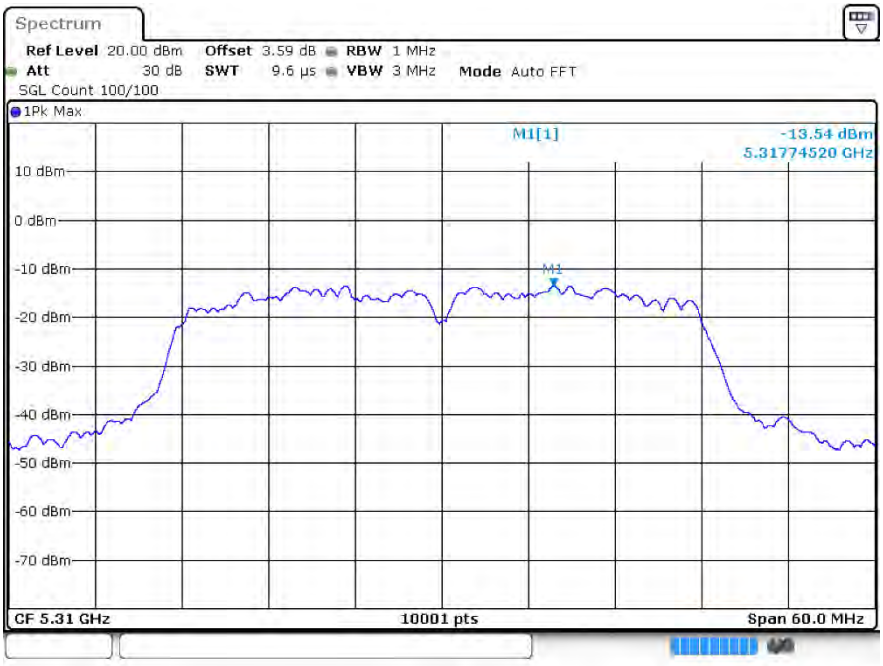
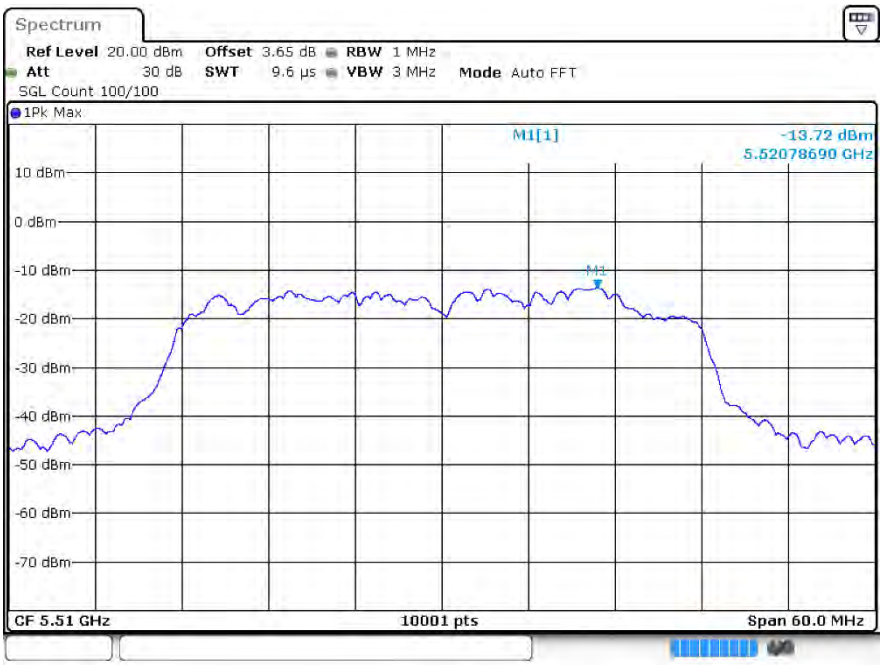


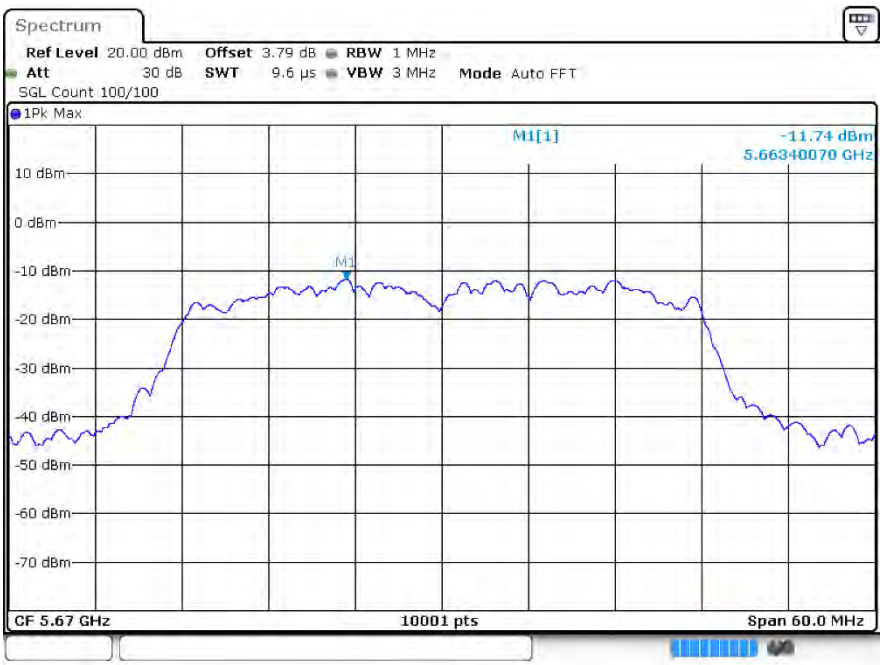
PSD ac40 5310MHz Ant1



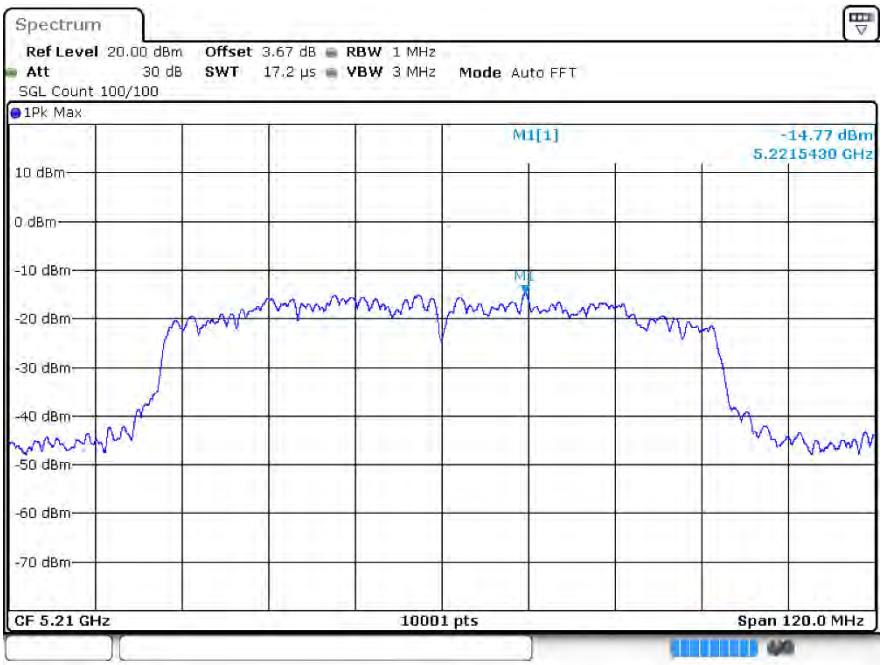
PSDac40 5510MHz Ant1



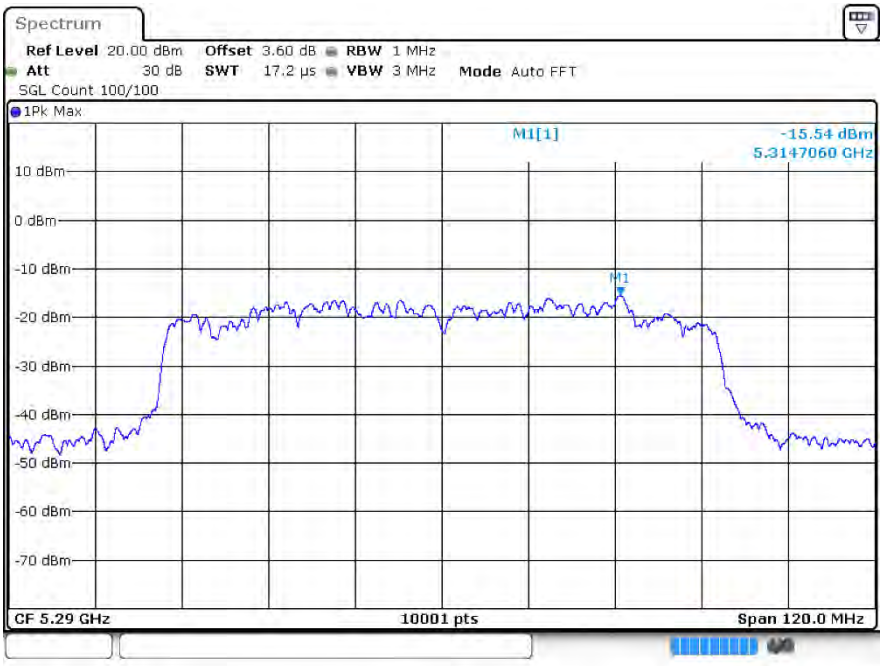
PSD ac40 5670MHz Ant1



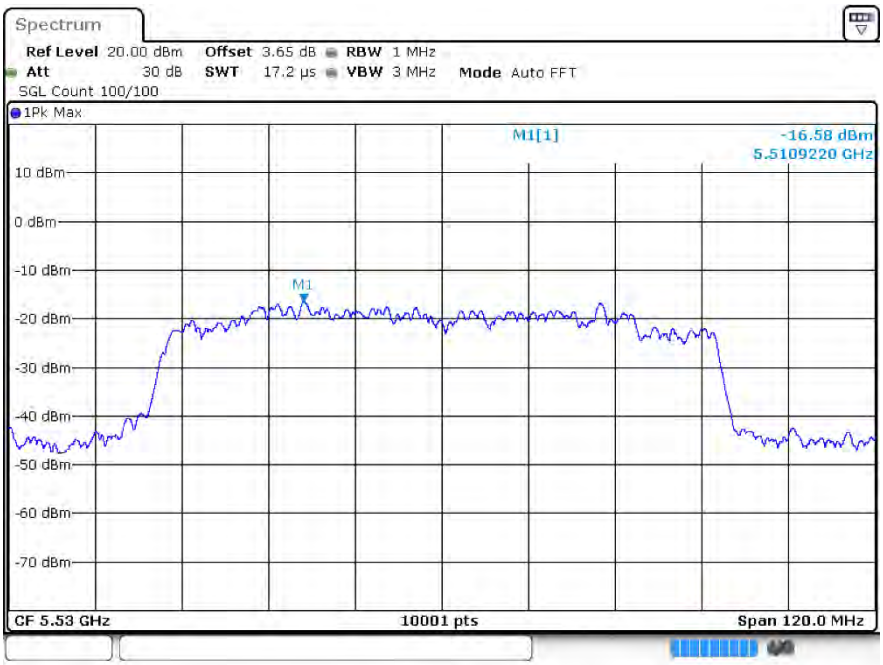
PSDac80 5210MHz Ant1



PSDac80 5290MHz Ant1



PSD ac80 5530MHz Ant1



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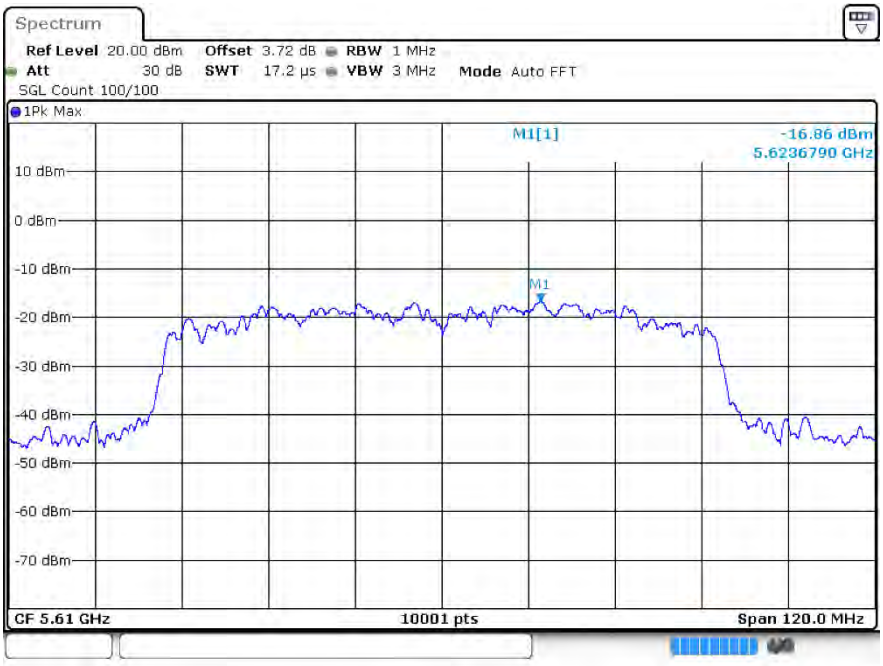

6 Frequency Stability

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	5179.94	-60000	-11.58	25	Pass
-20C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
-10C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0C 120V	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
10C 120V	a	5180	Ant1	5179.94	-60000	-11.58	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	5179.94	-60000	-11.58	25	Pass
20C 102V	a	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 138V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-20C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-10C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
0C 120V	a	5200	Ant1	5199.92	-80000	-15.38	25	Pass
10C 120V	a	5200	Ant1	5199.94	-60000	-11.54	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	5199.92	-80000	-15.38	25	Pass
20C 102V	a	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 120V	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 138V	a	5240	Ant1	5239.92	-80000	-15.27	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	5239.92	-80000	-15.27	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	5259.92	-80000	-15.21	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	5259.94	-60000	-11.41	25	Pass
-10C 120V	a	5260	Ant1	5259.92	-80000	-15.21	25	Pass
0C 120V	a	5260	Ant1	5259.94	-60000	-11.41	25	Pass

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

50C 120V	a	5600	Ant1	5599.92	-80000	-14.29	25	Pass
20C 102V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
20C 120V	a	5700	Ant1	5699.92	-80000	-14.04	25	Pass
20C 138V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
-20C 120V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
-10C 120V	a	5700	Ant1	5699.92	-80000	-14.04	25	Pass
0C 120V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
10C 120V	a	5700	Ant1	5699.92	-80000	-14.04	25	Pass
30C 120V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
40C 120V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
50C 120V	a	5700	Ant1	5699.94	-60000	-10.53	25	Pass
20C 102V	n20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 120V	n20	5180	Ant1	5179.92	-80000	-15.44	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	5179.94	-60000	-11.58	25	Pass
10C 120V	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
30C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
40C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 120V	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 102V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
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-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	5199.96	-40000	-7.69	25	Pass
10C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
30C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
40C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
50C 120V	n20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
20C 102V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 138V	n20	5240	Ant1	5239.92	-80000	-15.27	25	Pass
-20C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	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	5239.9	-100000	-19.08	25	Pass
40C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
50C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 102V	n20	5260	Ant1	5259.92	-80000	-15.21	25	Pass
20C 120V	n20	5260	Ant1	5259.94	-60000	-11.41	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	5259.94	-60000	-11.41	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	5259.92	-80000	-15.21	25	Pass
50C 120V	n20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
20C 102V	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C 120V	n20	5280	Ant1	5279.94	-60000	-11.36	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
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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	5279.94	-60000	-11.36	25	Pass
20C 102V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 120V	n20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 138V	n20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
-20C 120V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
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10C 120V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
30C 120V	n20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
40C 120V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
50C 120V	n20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 102V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 120V	n20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
20C 138V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
-20C 120V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
-10C 120V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
10C 120V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
30C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
40C 120V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
50C 120V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 102V	n20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 120V	n20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 138V	n20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
-20C 120V	n20	5600	Ant1	5599.94	-60000	-10.71	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	5599.94	-60000	-10.71	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	5599.92	-80000	-14.29	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	5699.96	-40000	-7.02	25	Pass
-10C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
0C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
10C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
30C 120V	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
40C 120V	n20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
50C 120V	n20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 102V	n40	5190	Ant1	5190	0	0	25	Pass
20C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	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	5189.92	-80000	-15.41	25	Pass
10C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
30C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	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	5229.96	-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	5229.96	-40000	-7.65	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	5269.92	-80000	-15.18	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	5269.96	-40000	-7.59	25	Pass
0C 120V	n40	5270	Ant1	5269.92	-80000	-15.18	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	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	5309.92	-80000	-15.07	25	Pass
-20C 120V	n40	5310	Ant1	5310	0	0	25	Pass
-10C 120V	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
0C 120V	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
10C 120V	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
30C 120V	n40	5310	Ant1	5309.96	-40000	-7.53	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	5509.96	-40000	-7.26	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	5509.92	-80000	-14.52	25	Pass
10C 120V	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
30C 120V	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
40C 120V	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
50C 120V	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
20C 102V	n40	5670	Ant1	5669.96	-40000	-7.05	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	5669.96	-40000	-7.05	25	Pass
-10C 120V	n40	5670	Ant1	5669.92	-80000	-14.11	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	5669.92	-80000	-14.11	25	Pass
40C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
50C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 102V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 138V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
-20C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
-10C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
10C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
30C 120V	ac20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
40C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
50C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 102V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass

20C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 138V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-20C 120V	ac20	5200	Ant1	5199.92	-80000	-15.38	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	5199.94	-60000	-11.54	25	Pass
30C 120V	ac20	5200	Ant1	5199.92	-80000	-15.38	25	Pass
40C 120V	ac20	5200	Ant1	5199.9	-100000	-19.23	25	Pass
50C 120V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 102V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 120V	ac20	5240	Ant1	5239.9	-100000	-19.08	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	5239.98	-20000	-3.82	25	Pass
10C 120V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
30C 120V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
40C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
50C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 102V	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 120V	ac20	5260	Ant1	5259.92	-80000	-15.21	25	Pass
20C 138V	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
-20C 120V	ac20	5260	Ant1	5259.92	-80000	-15.21	25	Pass
-10C 120V	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
0C 120V	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
10C 120V	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
30C 120V	ac20	5260	Ant1	5259.94	-60000	-11.41	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	5279.92	-80000	-15.15	25	Pass
20C 138V	ac20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
-20C 120V	ac20	5280	Ant1	5279.92	-80000	-15.15	25	Pass
-10C 120V	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
0C 120V	ac20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
10C 120V	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
30C 120V	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40C 120V	ac20	5280	Ant1	5279.94	-60000	-11.36	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	5319.94	-60000	-11.28	25	Pass
20C 138V	ac20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
-20C 120V	ac20	5320	Ant1	5319.94	-60000	-11.28	25	Pass

-10C 120V	ac20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
0C 120V	ac20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
10C 120V	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30C 120V	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
40C 120V	ac20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
50C 120V	ac20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
20C 102V	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 138V	ac20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
-20C 120V	ac20	5500	Ant1	5499.9	-100000	-18.18	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	5499.96	-40000	-7.27	25	Pass
30C 120V	ac20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
40C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
50C 120V	ac20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
20C 102V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
20C 120V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
20C 138V	ac20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
-20C 120V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
-10C 120V	ac20	5600	Ant1	5599.9	-100000	-17.86	25	Pass
0C 120V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
10C 120V	ac20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
30C 120V	ac20	5600	Ant1	5599.92	-80000	-14.29	25	Pass
40C 120V	ac20	5600	Ant1	5599.96	-40000	-7.14	25	Pass
50C 120V	ac20	5600	Ant1	5599.94	-60000	-10.71	25	Pass
20C 102V	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
20C 120V	ac20	5700	Ant1	5699.96	-40000	-7.02	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	5699.94	-60000	-10.53	25	Pass
10C 120V	ac20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
30C 120V	ac20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
40C 120V	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
50C 120V	ac20	5700	Ant1	5699.9	-100000	-17.54	25	Pass
20C 102V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 138V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-20C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	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	5189.92	-80000	-15.41	25	Pass
40C 120V	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
50C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 102V	ac40	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
20C 138V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-20C 120V	ac40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-10C 120V	ac40	5230	Ant1	5230.08	80000	15.3	25	Pass
0C 120V	ac40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
10C 120V	ac40	5230	Ant1	5229.92	-80000	-15.3	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	5269.92	-80000	-15.18	25	Pass
20C 138V	ac40	5270	Ant1	5270	0	0	25	Pass
-20C 120V	ac40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
-10C 120V	ac40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
0C 120V	ac40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
10C 120V	ac40	5270	Ant1	5269.92	-80000	-15.18	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	5269.96	-40000	-7.59	25	Pass
20C 102V	ac40	5310	Ant1	5309.88	-120000	-22.6	25	Pass
20C 120V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 138V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-20C 120V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-10C 120V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0C 120V	ac40	5310	Ant1	5310.04	40000	7.53	25	Pass
10C 120V	ac40	5310	Ant1	5309.92	-80000	-15.07	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	5309.96	-40000	-7.53	25	Pass
20C 102V	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 120V	ac40	5510	Ant1	5509.92	-80000	-14.52	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	5509.92	-80000	-14.52	25	Pass
0C 120V	ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
10C 120V	ac40	5510	Ant1	5509.92	-80000	-14.52	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	5509.92	-80000	-14.52	25	Pass

20C 102V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 120V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 138V	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-20C 120V	ac40	5670	Ant1	5669.92	-80000	-14.11	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	5669.96	-40000	-7.05	25	Pass
40C 120V	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
50C 120V	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
20C 102V	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
20C 120V	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
20C 138V	ac80	5210	Ant1	5209.76	-240000	-46.07	25	Pass
-20C 120V	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
-10C 120V	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
0C 120V	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
10C 120V	ac80	5210	Ant1	5209.92	-80000	-15.36	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	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	5289.92	-80000	-15.12	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	5290	0	0	25	Pass
20C 102V	ac80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
20C 120V	ac80	5530	Ant1	5529.92	-80000	-14.47	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	5529.92	-80000	-14.47	25	Pass
0C 120V	ac80	5530	Ant1	5530	0	0	25	Pass
10C 120V	ac80	5530	Ant1	5530	0	0	25	Pass
30C 120V	ac80	5530	Ant1	5529.92	-80000	-14.47	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	5609.92	-80000	-14.26	25	Pass
20C 120V	ac80	5610	Ant1	5610	0	0	25	Pass
20C 138V	ac80	5610	Ant1	5609.76	-240000	-42.78	25	Pass

-20C 120V	ac80	5610	Ant1	5610.08	80000	14.26	25	Pass
-10C 120V	ac80	5610	Ant1	5609.84	-160000	-28.52	25	Pass
0C 120V	ac80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
10C 120V	ac80	5610	Ant1	5609.76	-240000	-42.78	25	Pass
30C 120V	ac80	5610	Ant1	5609.84	-160000	-28.52	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

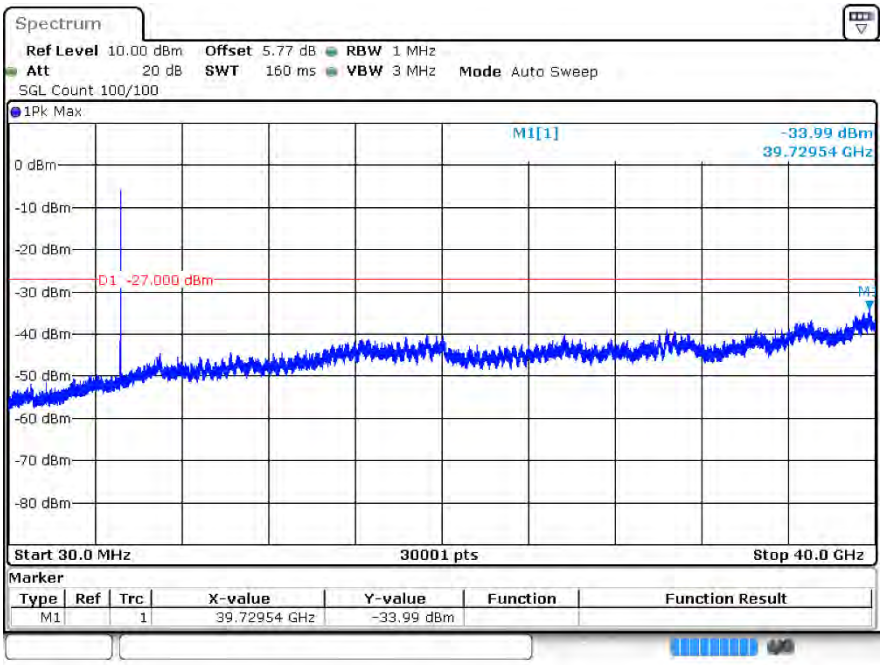
7.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
a	5180	Ant1	-33.99	-27	Pass
a	5200	Ant1	-34.89	-27	Pass
a	5240	Ant1	-35.56	-27	Pass
a	5260	Ant1	-35.48	-27	Pass
a	5280	Ant1	-35.28	-27	Pass
a	5320	Ant1	-35.06	-27	Pass
a	5500	Ant1	-33.81	-27	Pass
a	5600	Ant1	-35.32	-27	Pass
a	5700	Ant1	-34.22	-27	Pass
n20	5180	Ant1	-34.73	-27	Pass
n20	5200	Ant1	-35.28	-27	Pass
n20	5240	Ant1	-35.06	-27	Pass
n20	5260	Ant1	-33.5	-27	Pass
n20	5280	Ant1	-34.26	-27	Pass
n20	5320	Ant1	-35.33	-27	Pass
n20	5500	Ant1	-35.09	-27	Pass
n20	5600	Ant1	-35.38	-27	Pass
n20	5700	Ant1	-34.12	-27	Pass
n40	5190	Ant1	-35.19	-27	Pass
n40	5230	Ant1	-34.53	-27	Pass
n40	5270	Ant1	-34.69	-27	Pass
n40	5310	Ant1	-34.59	-27	Pass
n40	5510	Ant1	-35.01	-27	Pass
n40	5670	Ant1	-34.03	-27	Pass
ac20	5180	Ant1	-35.12	-27	Pass
ac20	5200	Ant1	-34.96	-27	Pass
ac20	5240	Ant1	-33.78	-27	Pass
ac20	5260	Ant1	-35.17	-27	Pass
ac20	5280	Ant1	-35.39	-27	Pass
ac20	5320	Ant1	-34.8	-27	Pass
ac20	5500	Ant1	-34.82	-27	Pass
ac20	5600	Ant1	-35.4	-27	Pass
ac20	5700	Ant1	-35.25	-27	Pass
ac40	5190	Ant1	-34.41	-27	Pass
ac40	5230	Ant1	-35.13	-27	Pass
ac40	5270	Ant1	-35.01	-27	Pass
ac40	5310	Ant1	-35.17	-27	Pass

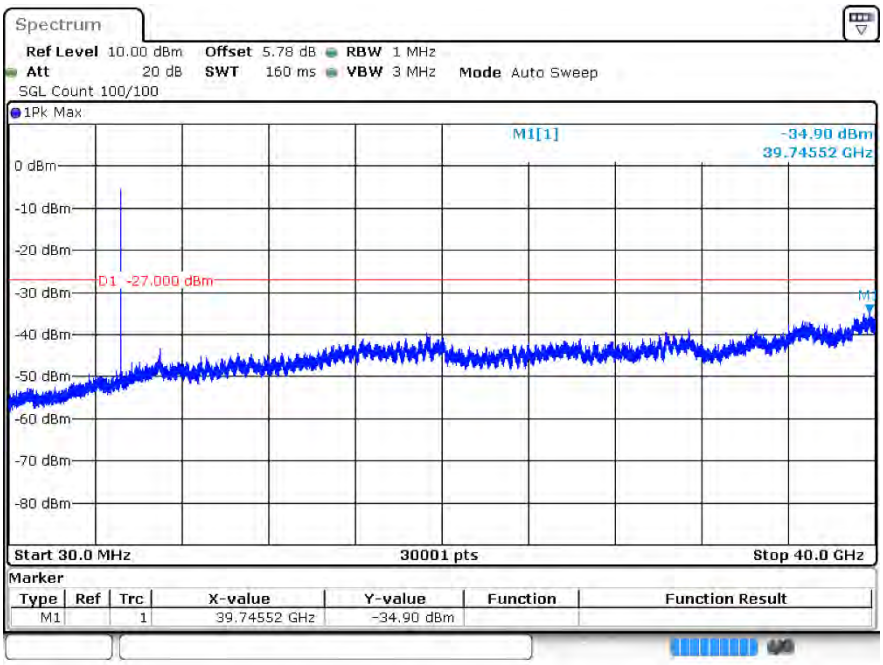
ac40	5510	Ant1	-34.63	-27	Pass
ac40	5670	Ant1	-35.29	-27	Pass
ac80	5210	Ant1	-34.36	-27	Pass
ac80	5290	Ant1	-34.66	-27	Pass
ac80	5530	Ant1	-34.9	-27	Pass
ac80	5610	Ant1	-34.7	-27	Pass

7.2 Test Graphs

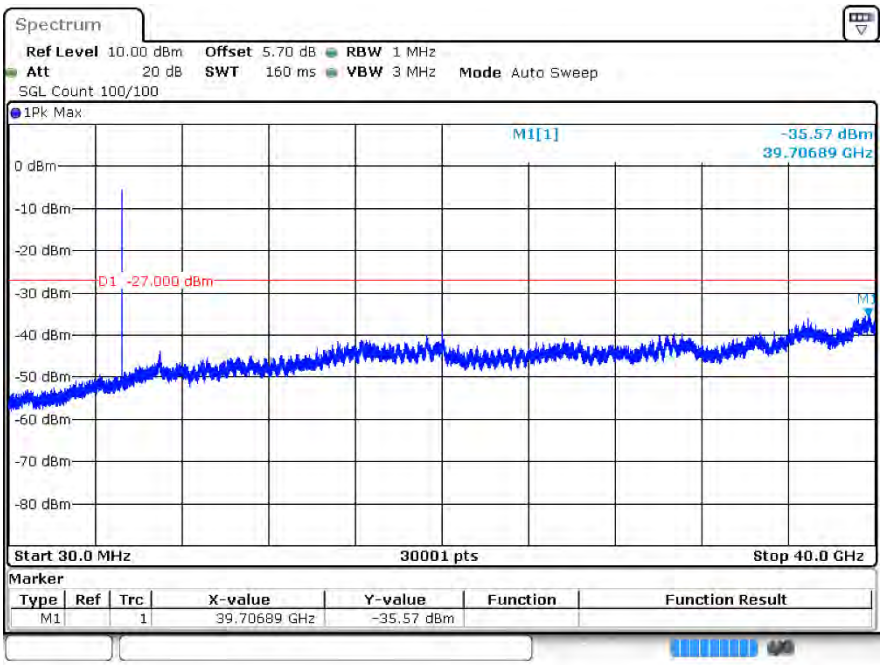
Test Graphs
Tx. Spuriousa 5180MHz Ant1



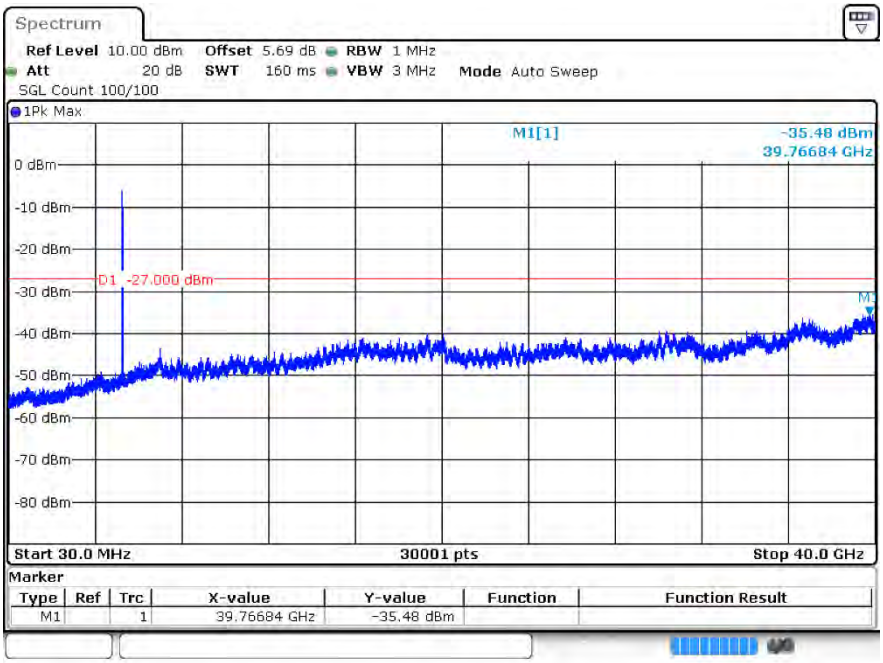
Tx. Spuriousa 5200MHz Ant1



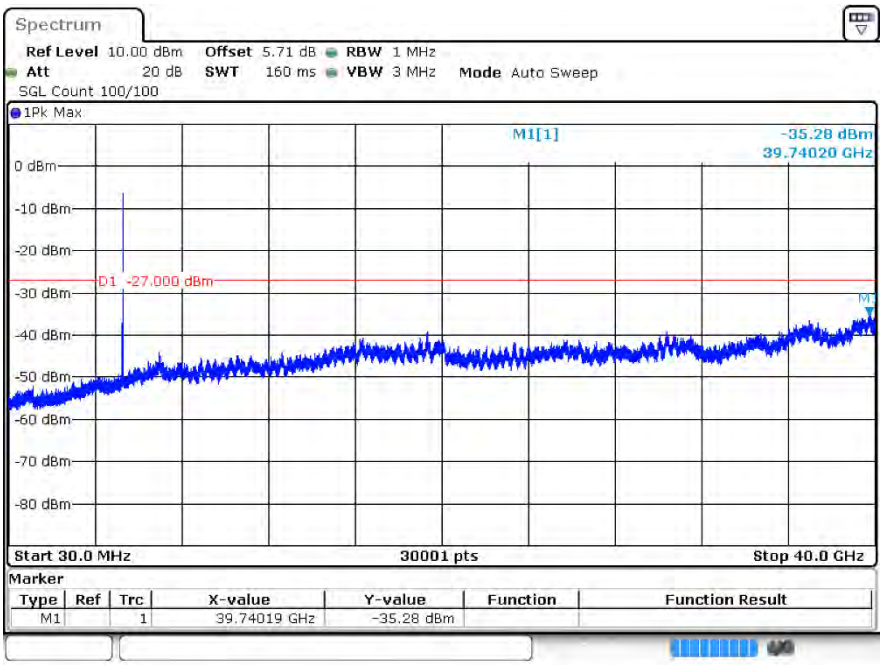
Tx. Spuriousa 5240MHz Ant1



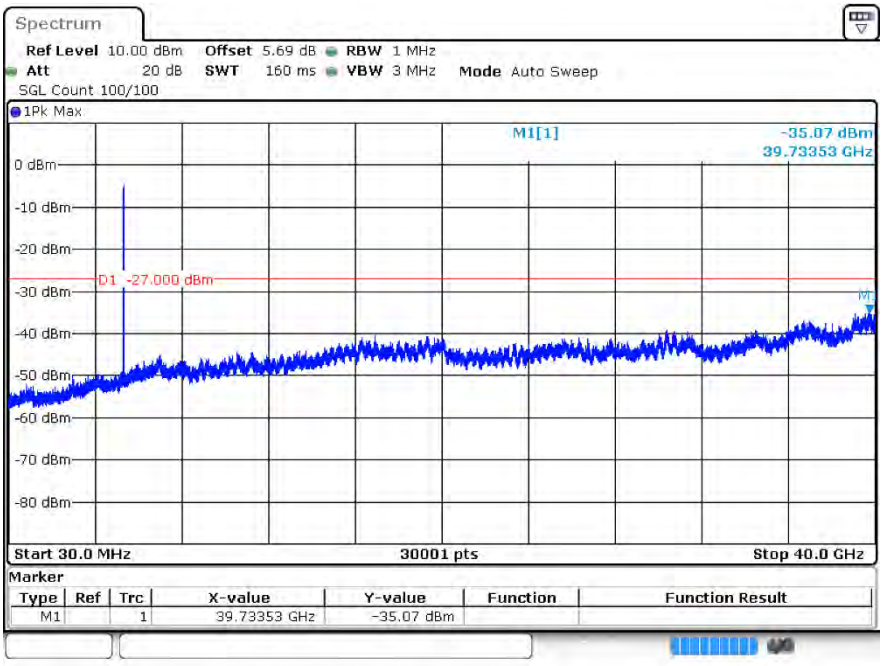
Tx. Spuriousa 5260MHz Ant1



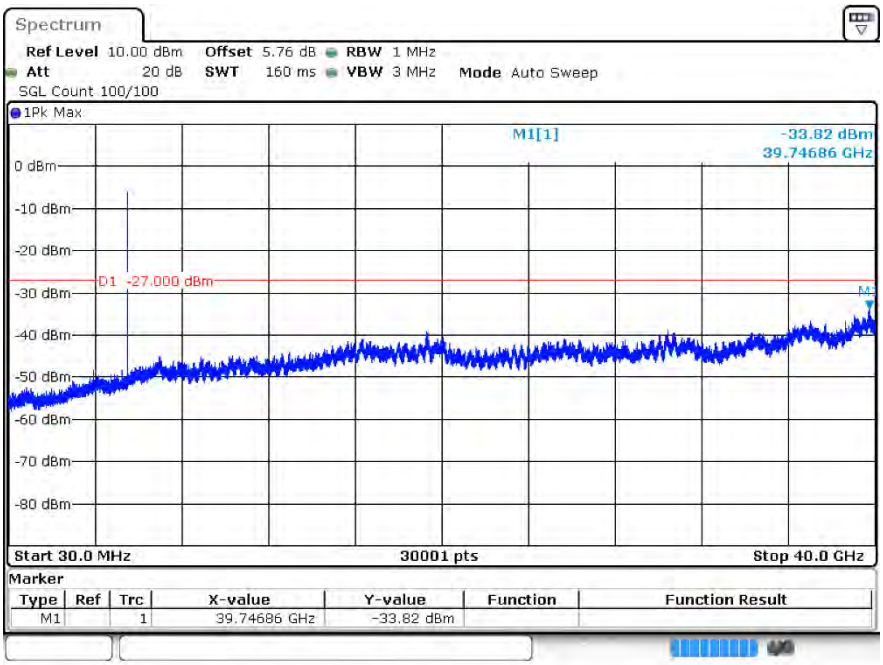
Tx. Spuriousa 5280MHz Ant1



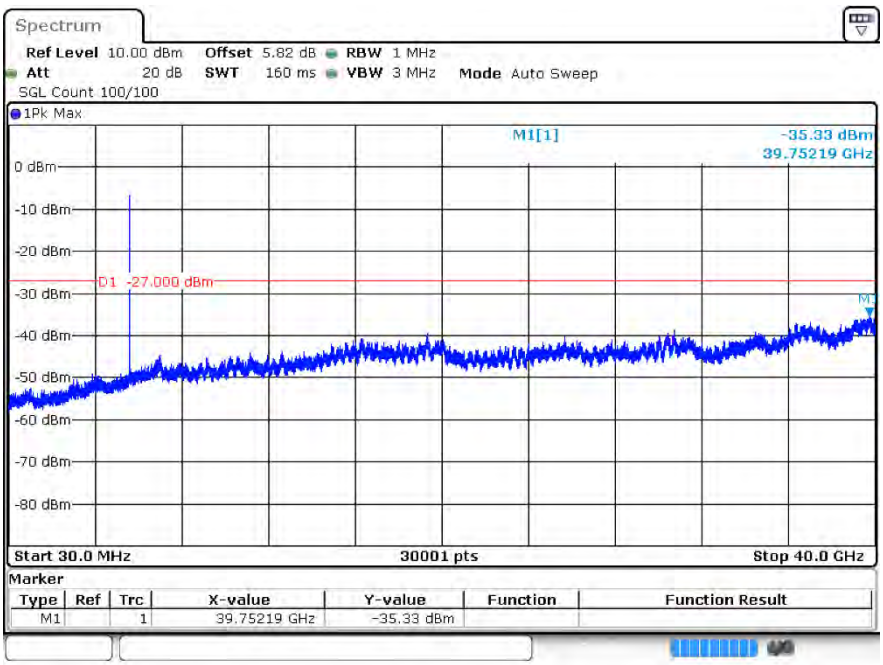
Tx. Spurious a 5320MHz Ant1



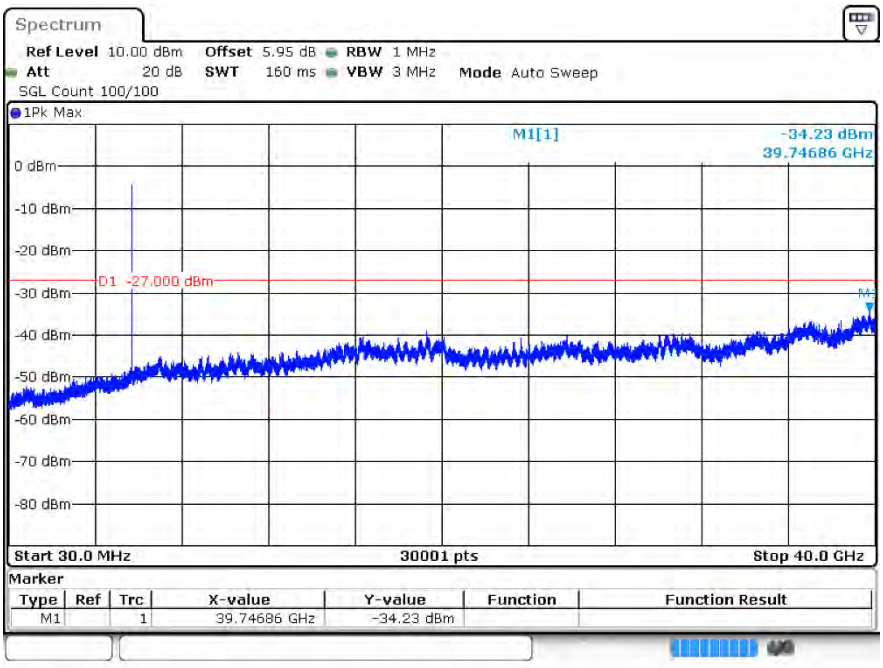
Tx. Spuriousa 5500MHz Ant1



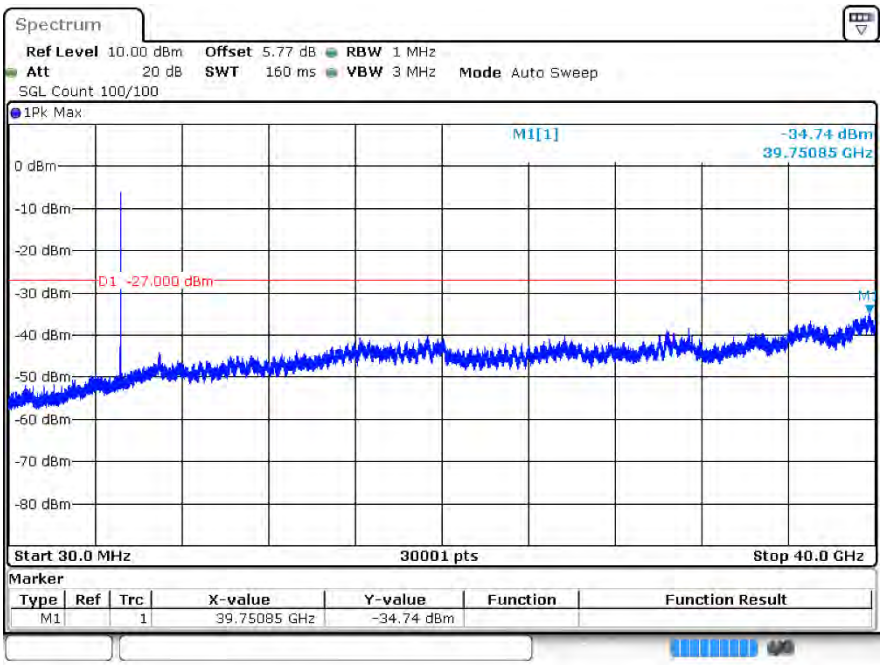
Tx. Spuriousa 5600MHz Ant1



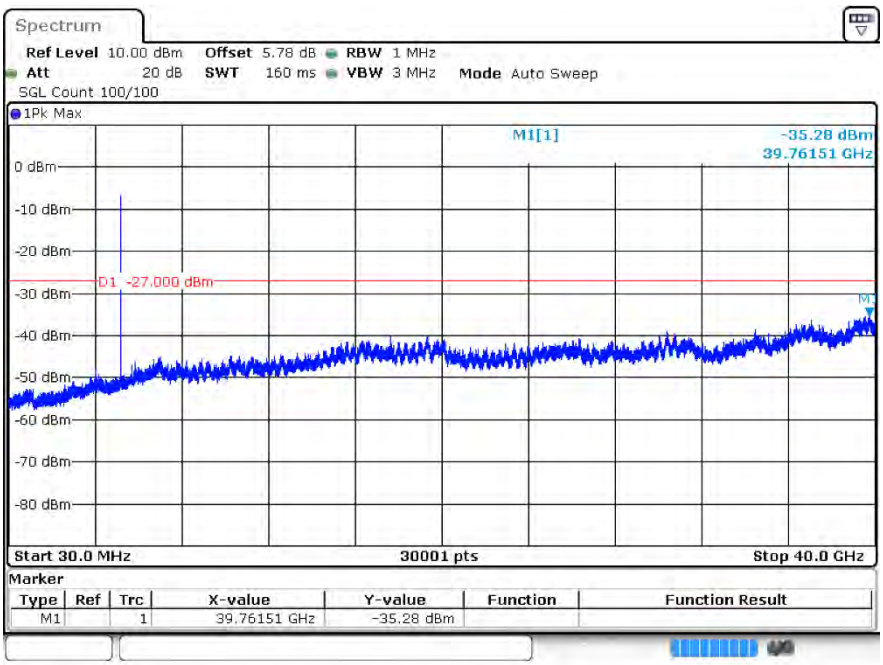
Tx. Spurious a 5700MHz Ant1



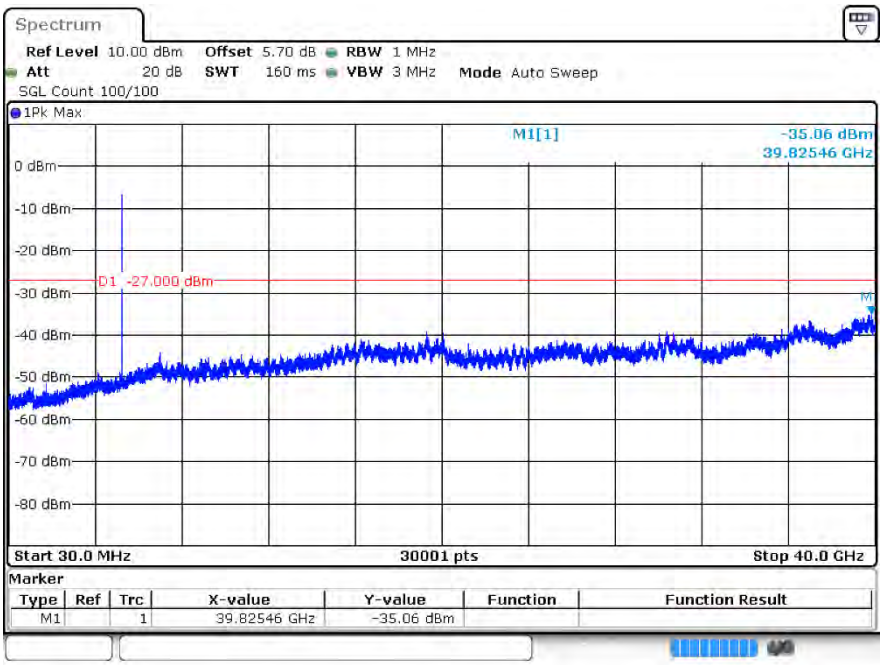
Tx. Spurious n20 5180MHz Ant1



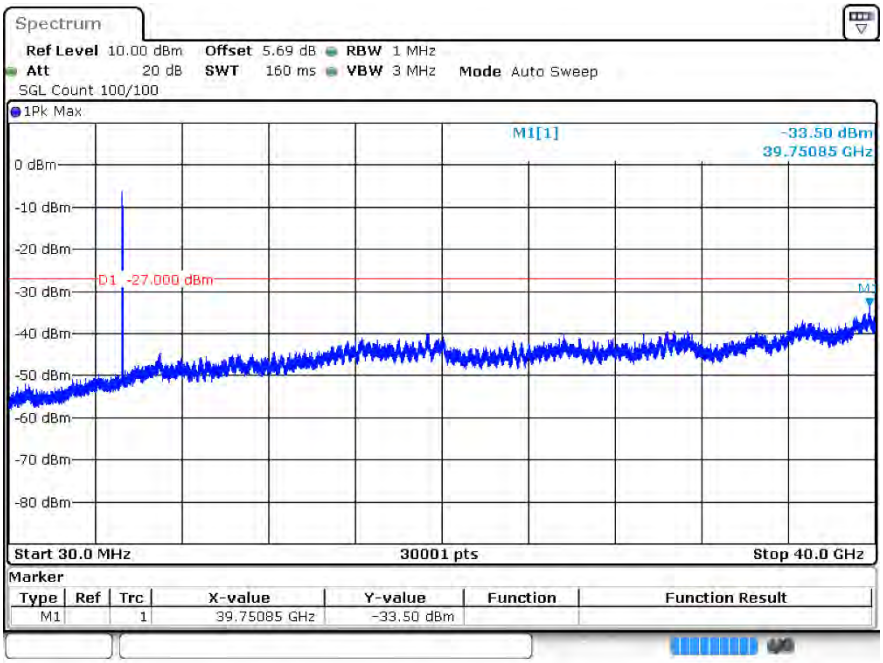
Tx. Spurious n20 5200MHz Ant1



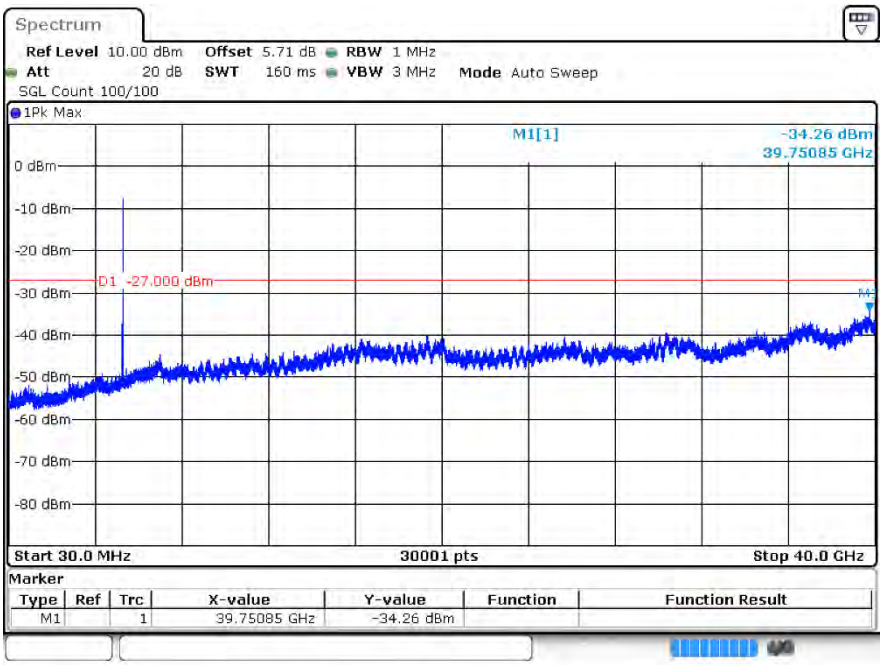
Tx. Spurious n20 5240MHz Ant1



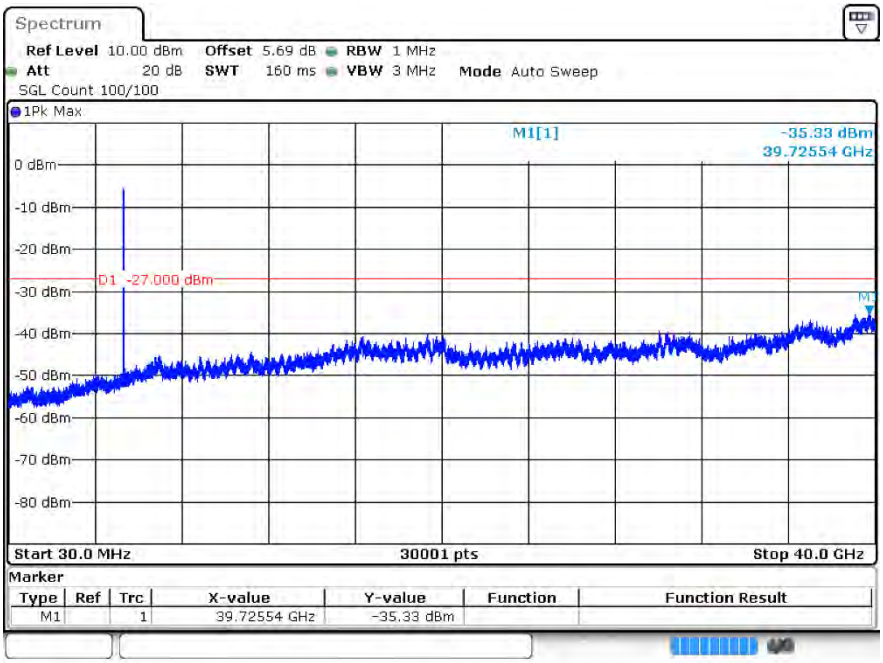
Tx. Spurious n20 5260MHz Ant1



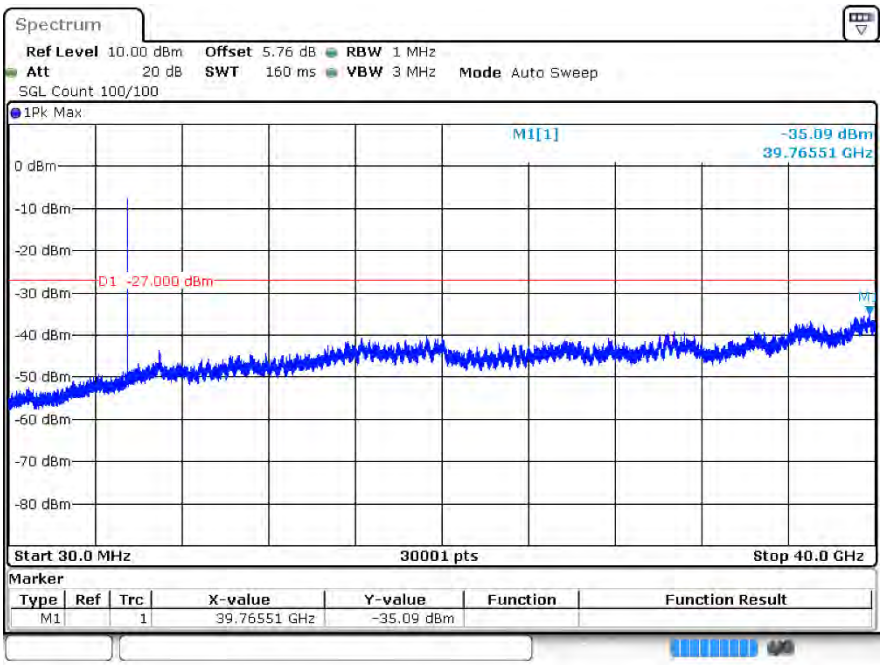
Tx. Spurious n20 5280MHz Ant1



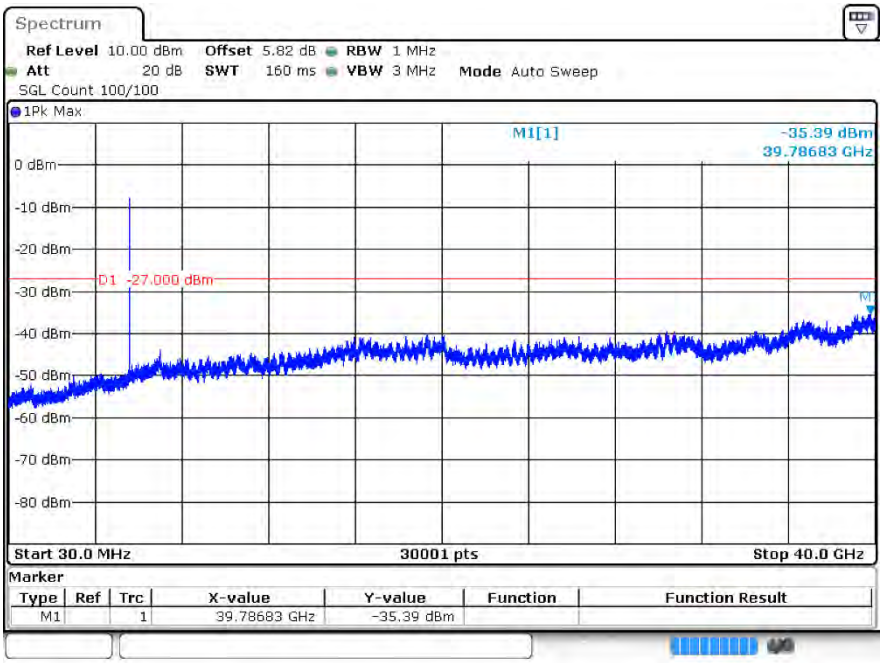
Tx. Spurious n20 5320MHz Ant1



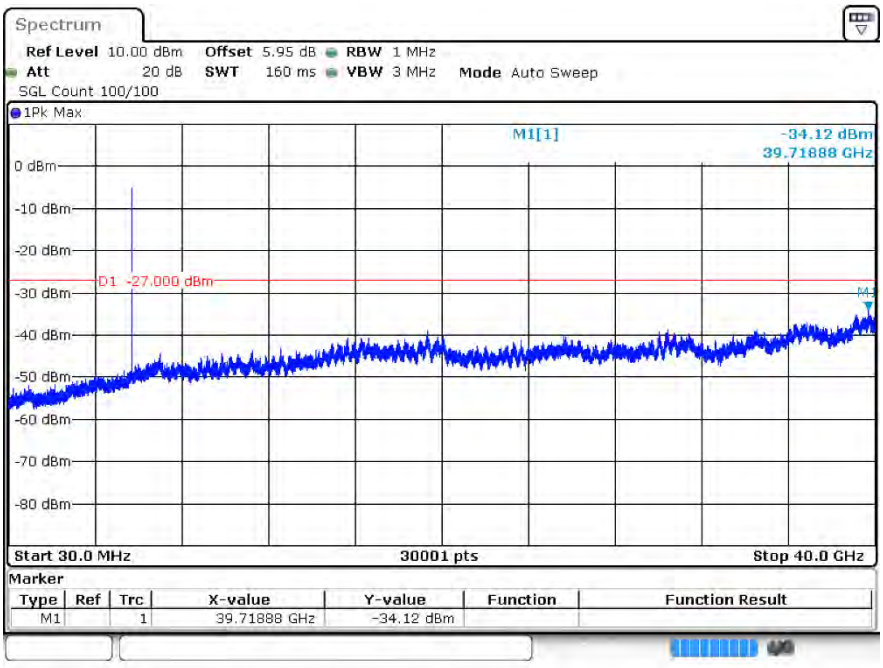
Tx. Spurious n20 5500MHz Ant1



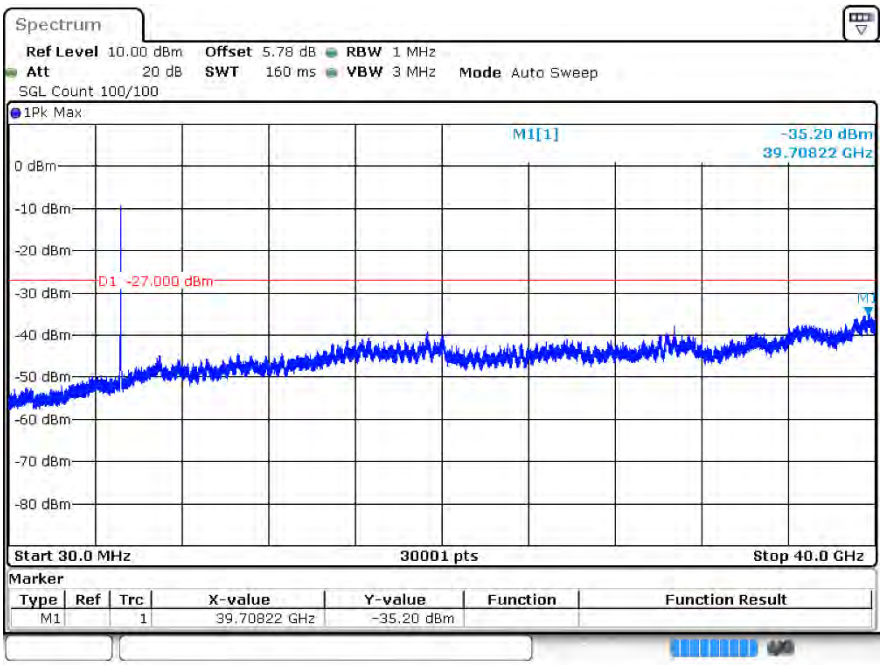
Tx. Spurious n20 5600MHz Ant1



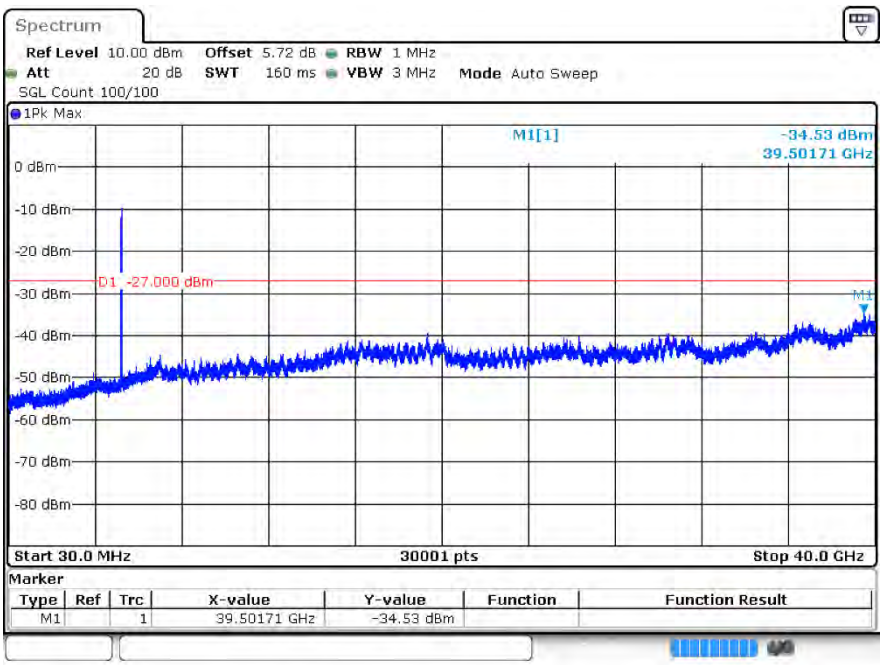
Tx. Spurious n20 5700MHz Ant1



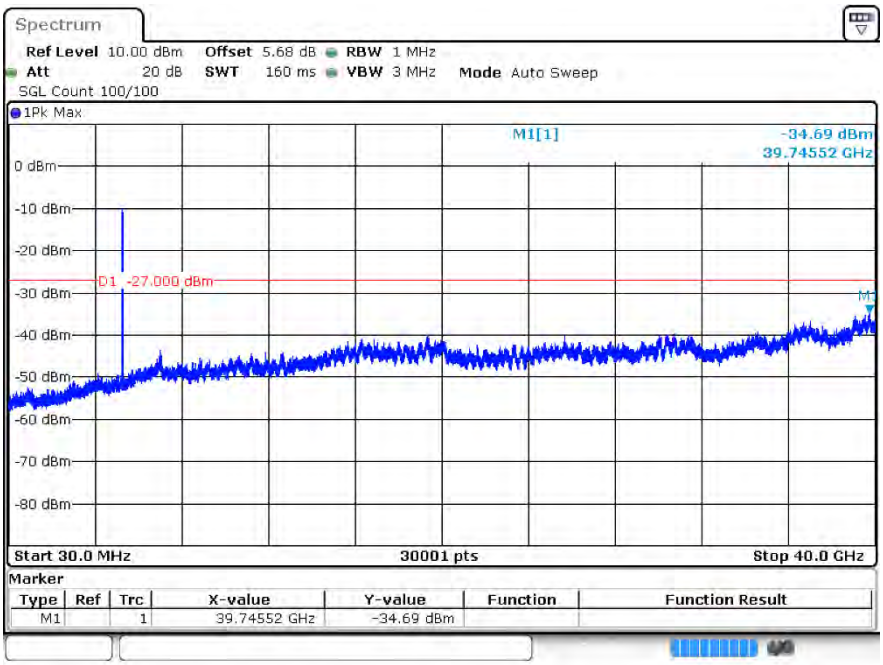
Tx. Spuriousn40 5190MHz Ant1



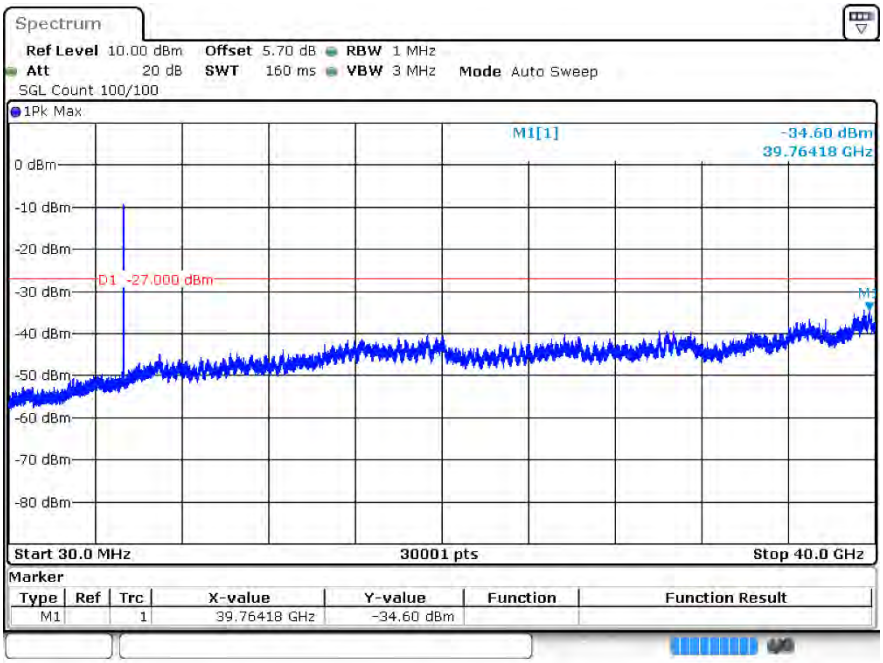
Tx. Spuriousn40 5230MHz Ant1



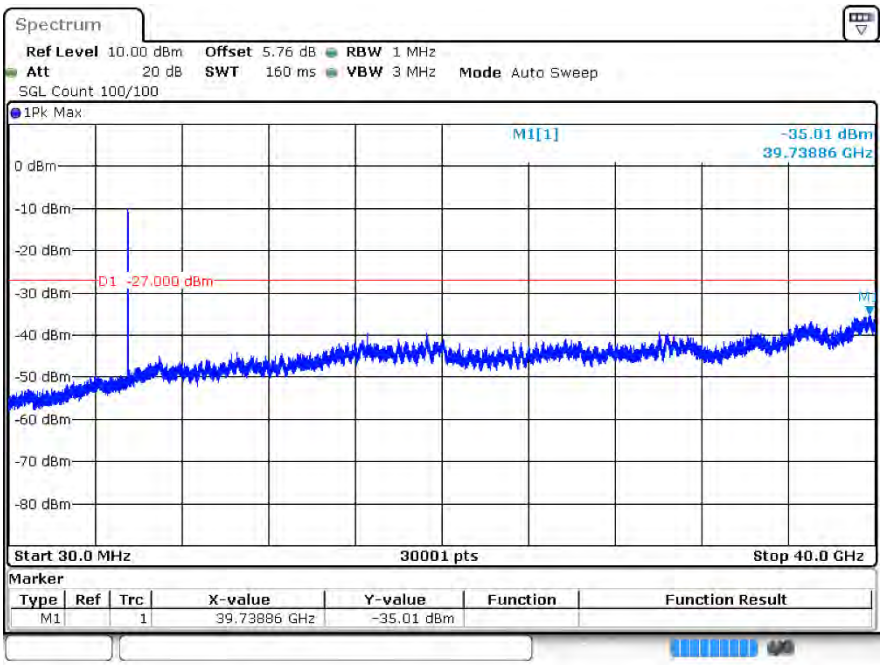
Tx. Spurious n40 5270MHz Ant1



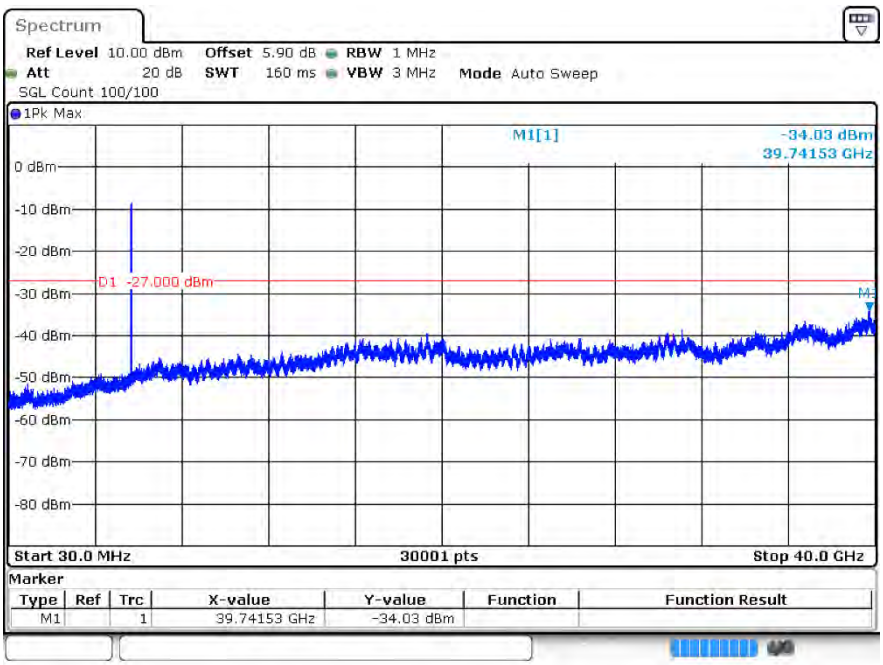
Tx. Spurious n40 5310MHz Ant1



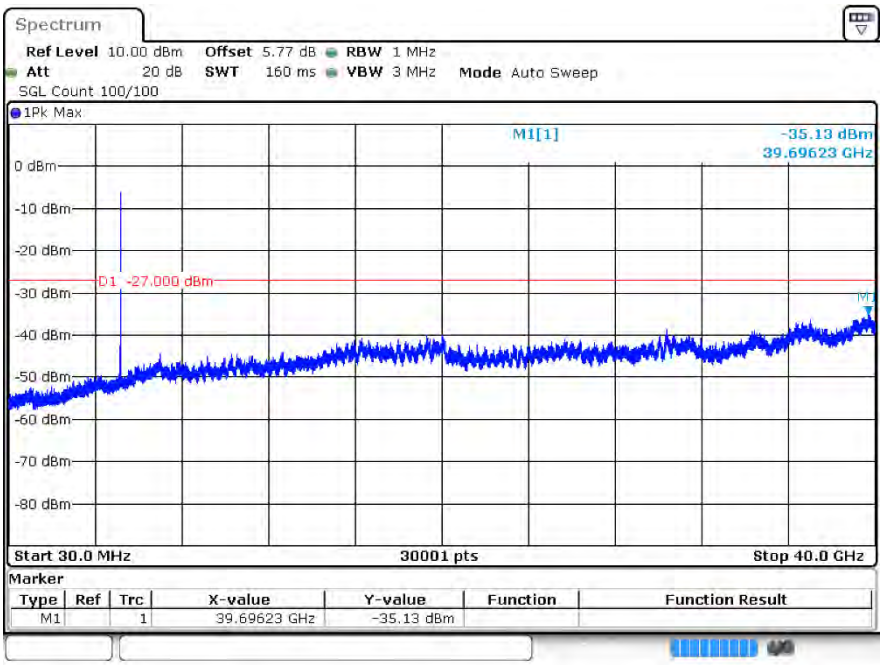
Tx. Spuriousn40 5510MHz Ant1



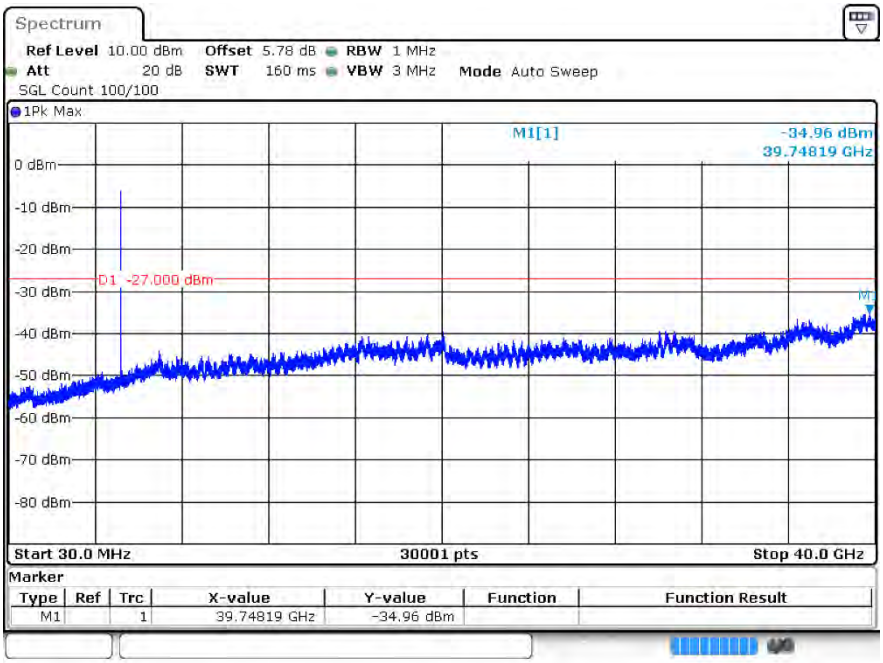
Tx. Spurious n40 5670MHz Ant1



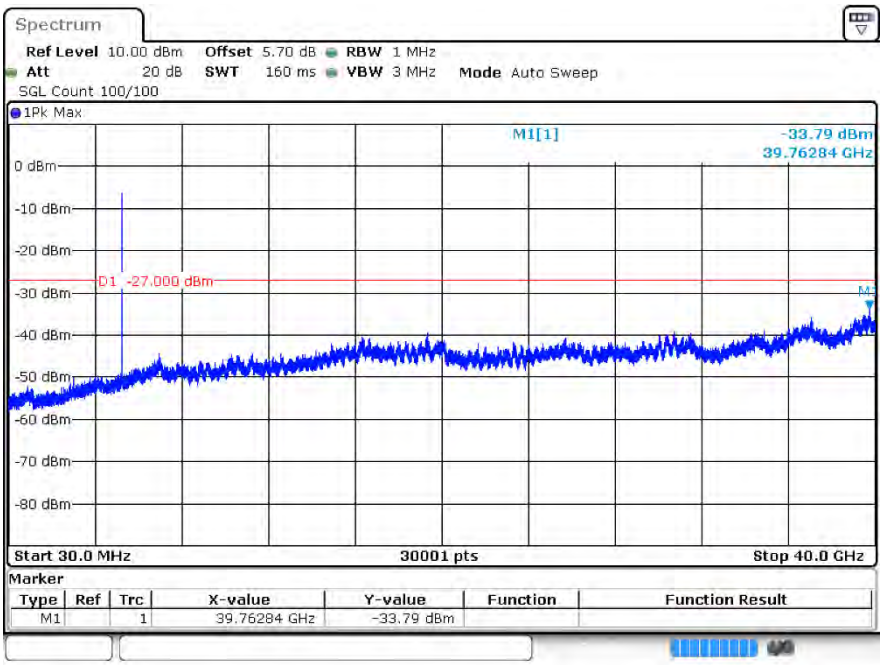
Tx. Spurious ac20 5180MHz Ant1



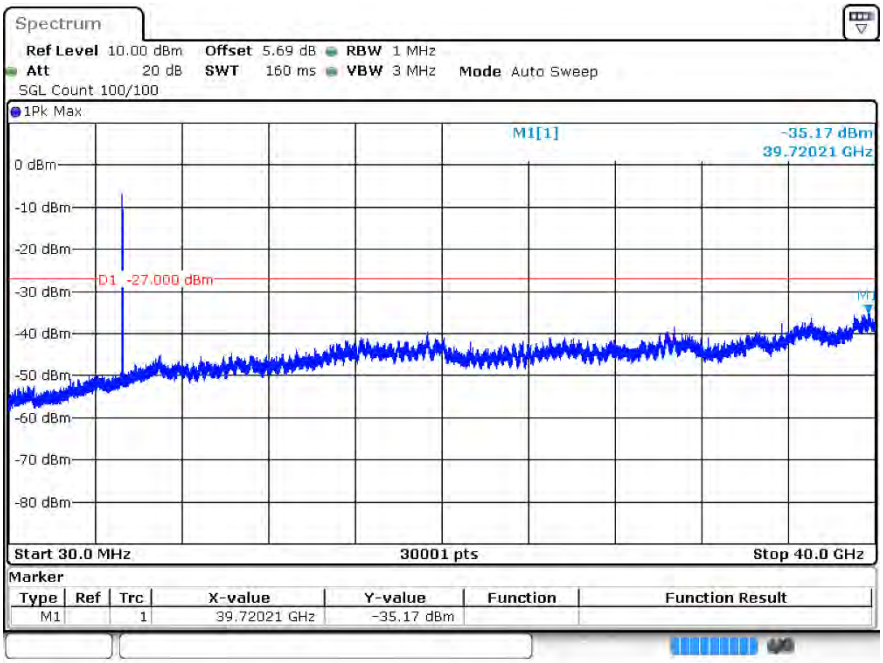
Tx. Spurious ac20 5200MHz Ant1



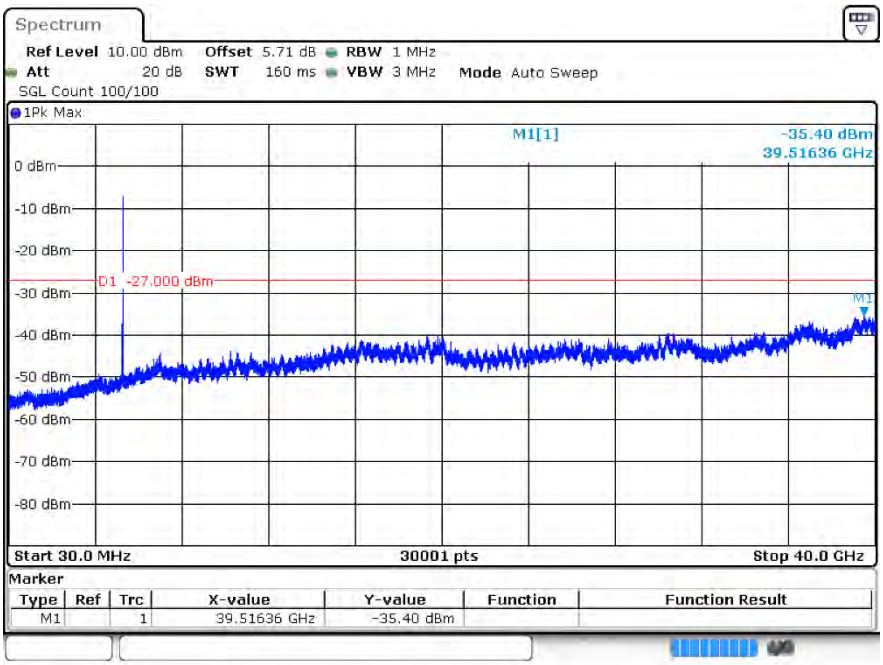
Tx. Spurious ac20 5240MHz Ant1



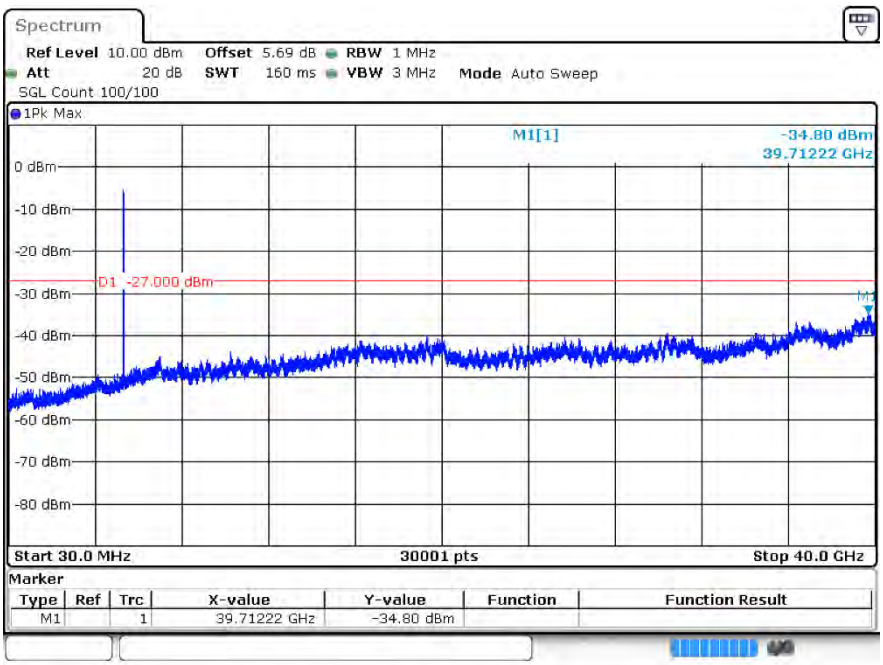
Tx. Spurious ac20 5260MHz Ant1



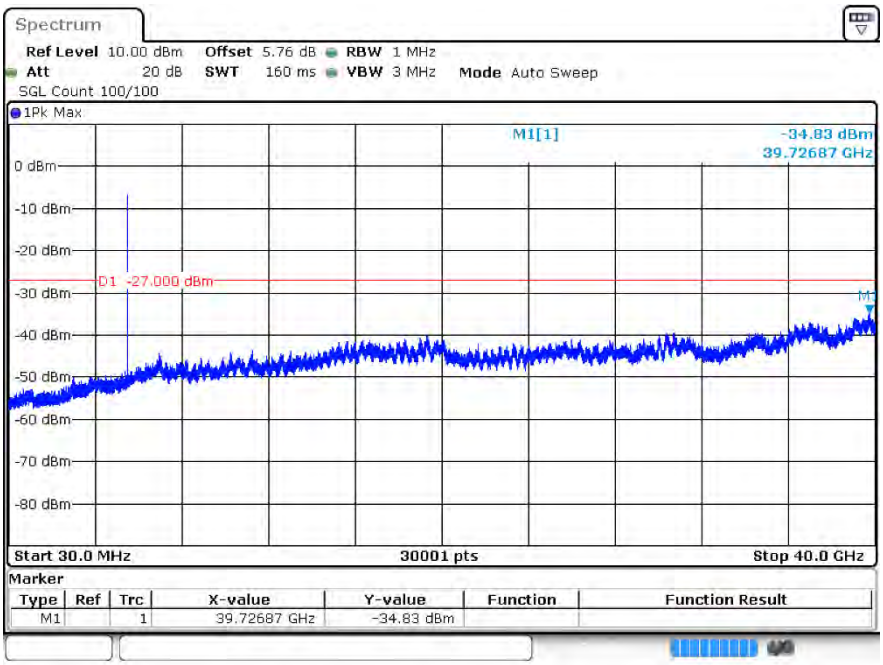
Tx. Spurious ac20 5280MHz Ant1



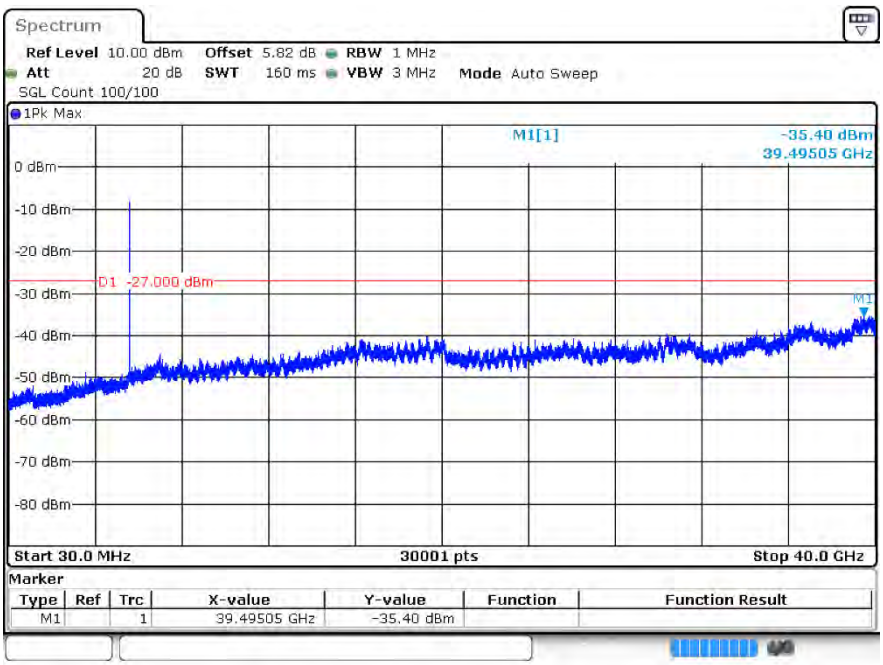
Tx. Spurious ac20 5320MHz Ant1



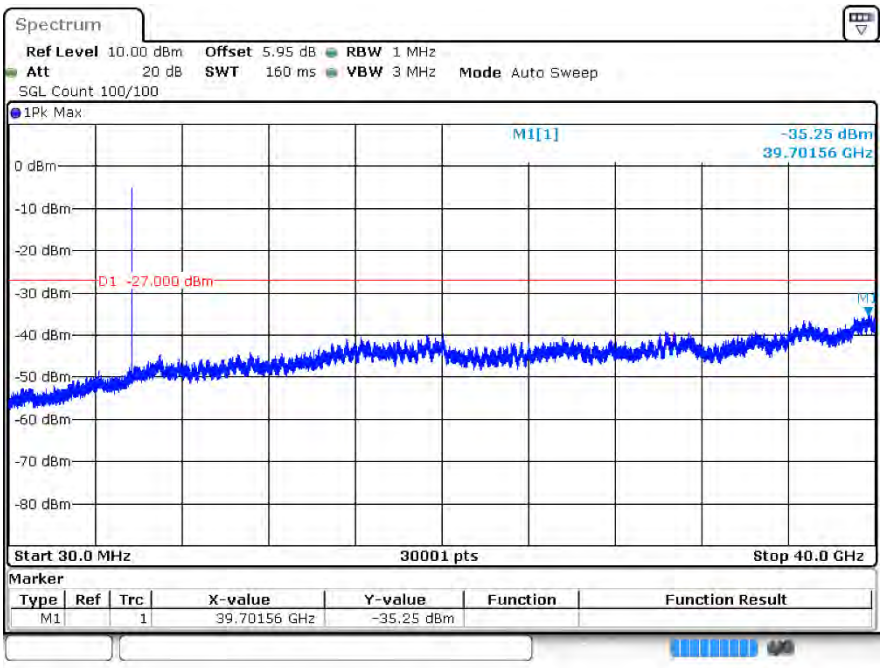
Tx. Spurious ac20 5500MHz Ant1



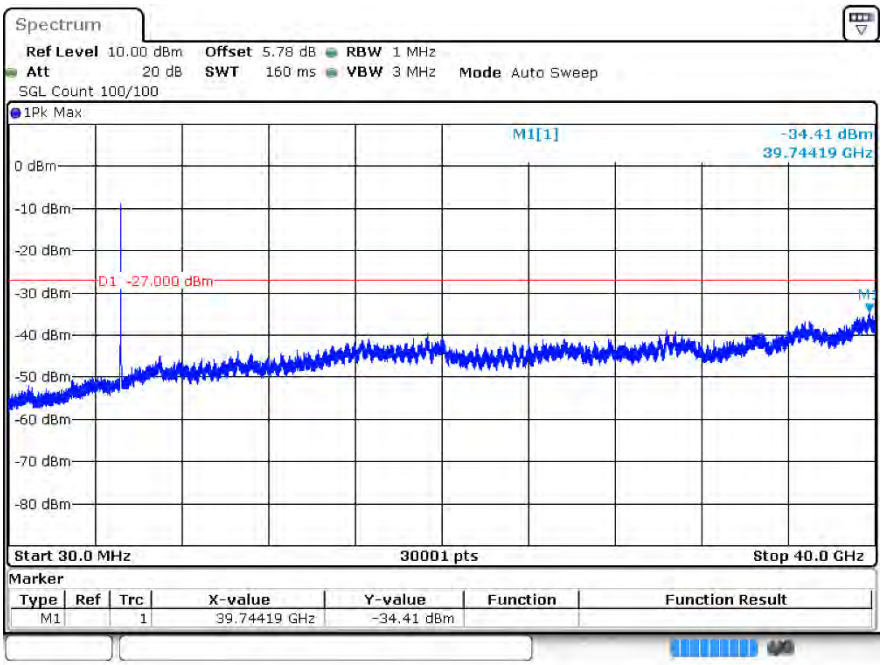
Tx. Spurious ac20 5600MHz Ant1



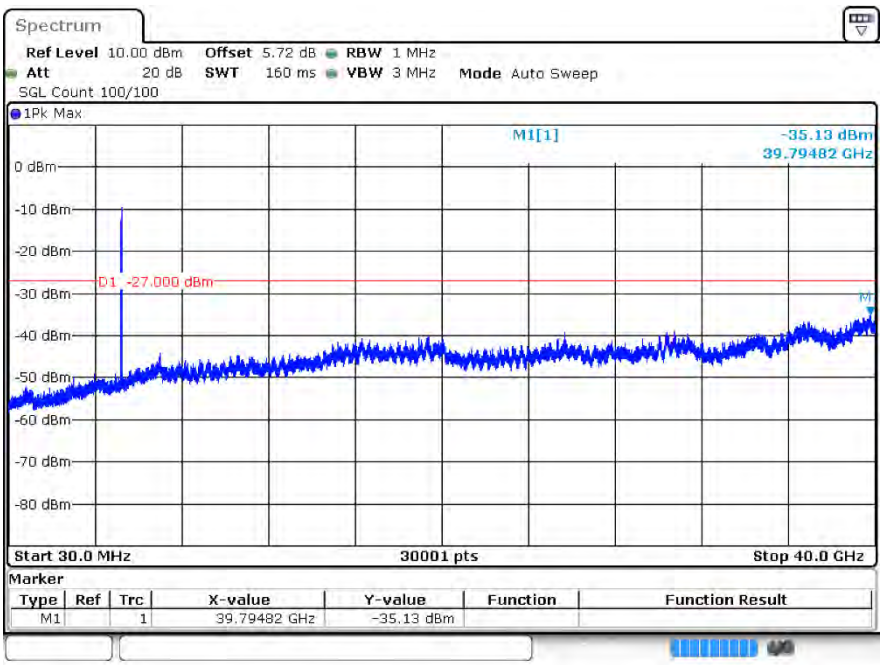
Tx. Spurious ac20 5700MHz Ant1



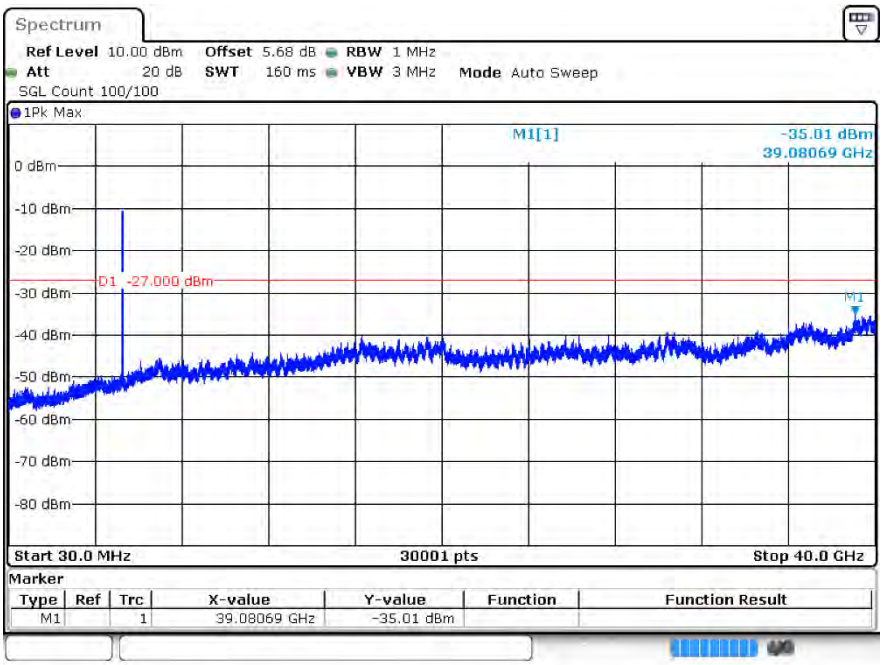
Tx. Spuriousac40 5190MHz Ant1



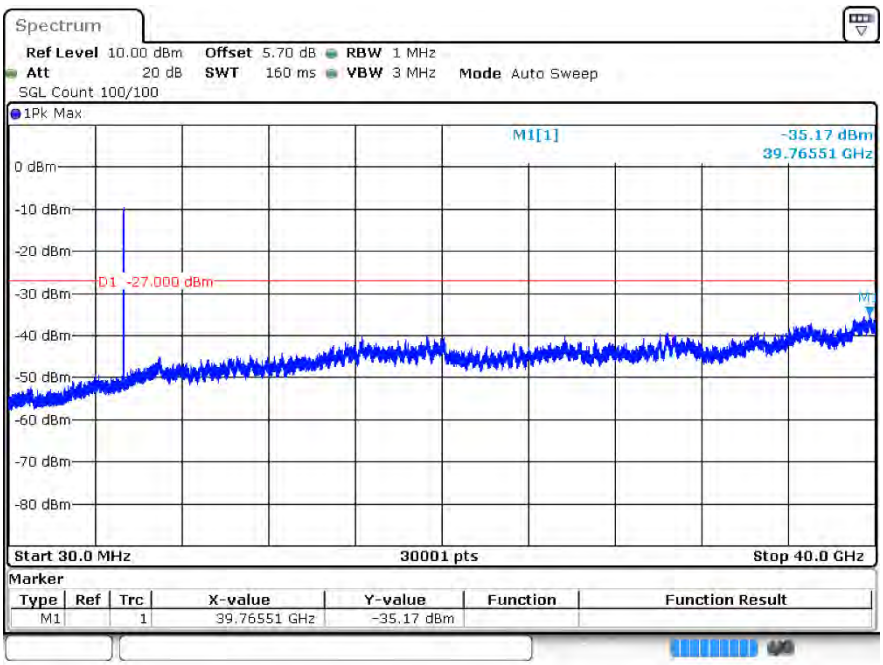
Tx. Spuriousac40 5230MHz Ant1



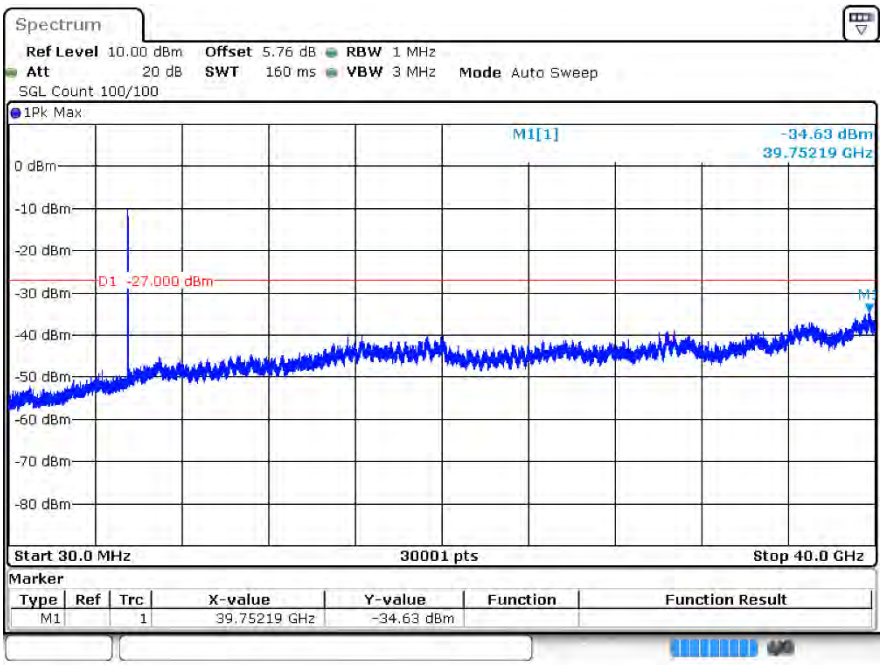
Tx. Spurious ac40 5270MHz Ant1



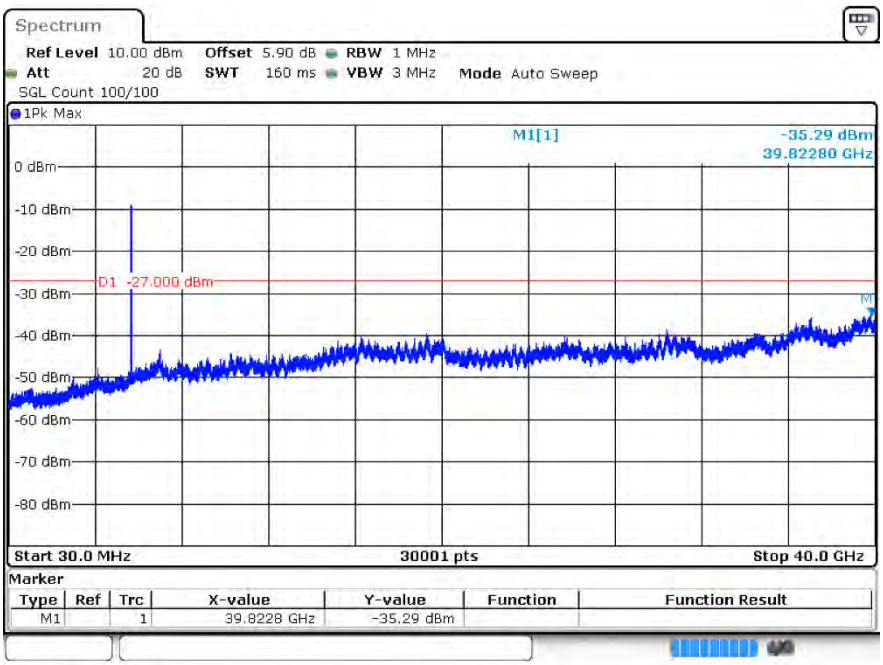
Tx. Spurious ac40 5310MHz Ant1



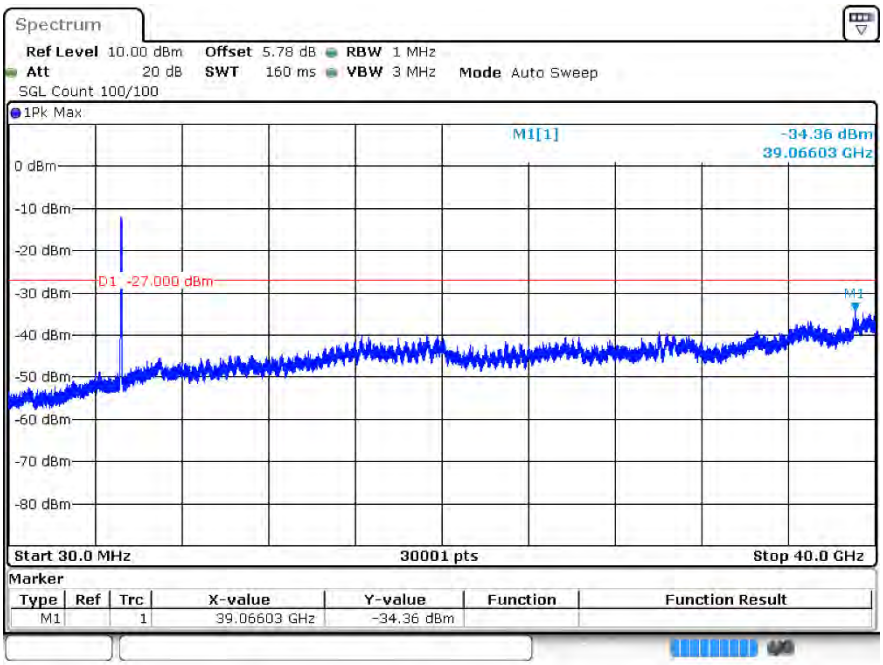
Tx. Spuriousac40 5510MHz Ant1



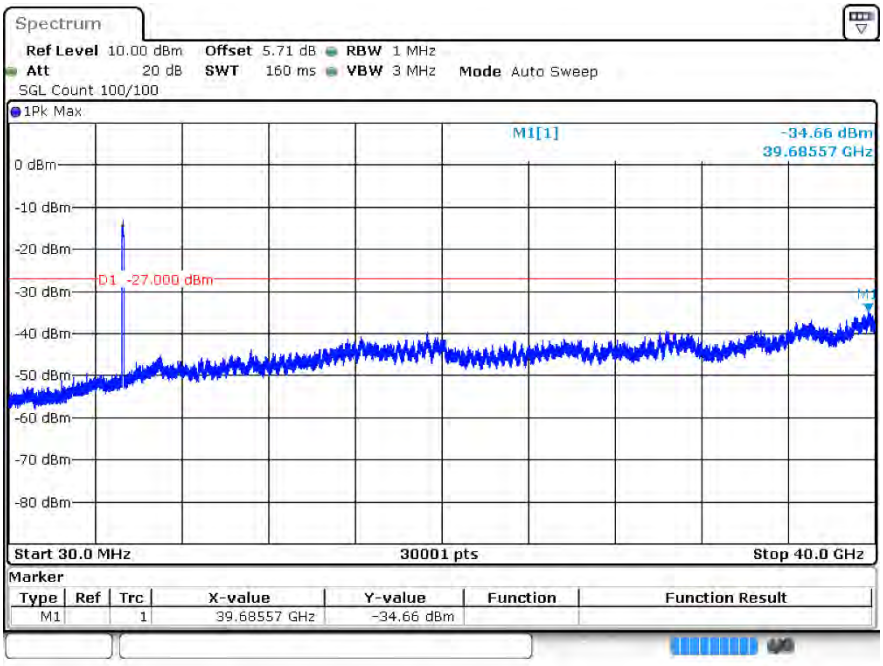
Tx. Spurious ac40 5670MHz Ant1



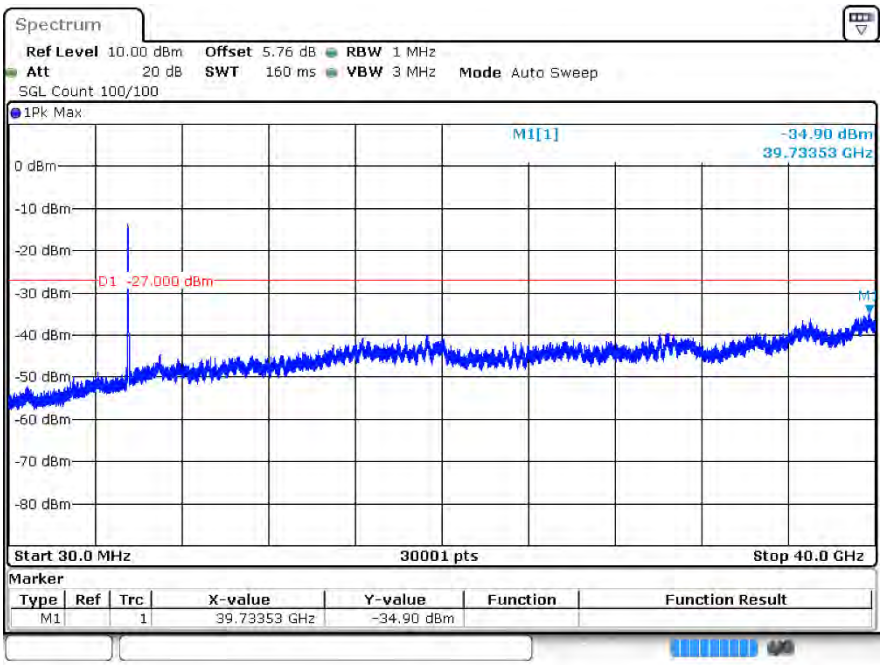
Tx. Spuriousac80 5210MHz Ant1



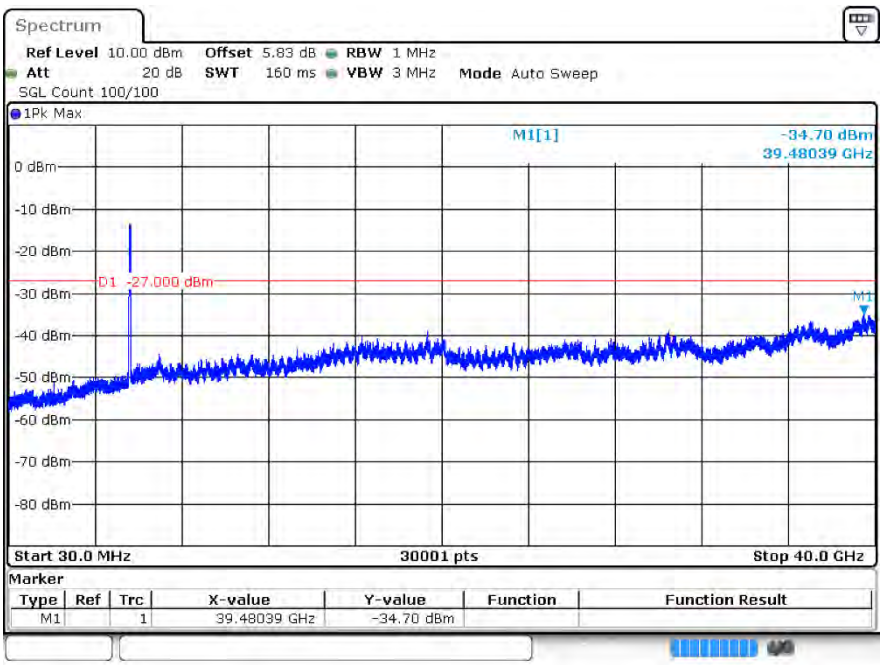
Tx. Spuriousac80 5290MHz Ant1



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	-43.29	2.01	54.05	Peak	68.2	Pass
a	5180	Ant1	4500	-52.27	2.01	45.07	Average	54	Pass
a	5180	Ant1	4922.1	-39.62	2.01	57.72	Peak	68.2	Pass
a	5180	Ant1	5033.4	-49.17	2.01	48.17	Average	54	Pass
a	5180	Ant1	5150	-40.38	2.01	56.96	Peak	68.2	Pass
a	5180	Ant1	5150	-51.69	2.01	45.65	Average	54	Pass
a	5240	Ant1	5350	-43.62	2.01	53.72	Peak	68.2	Pass
a	5240	Ant1	5350	-52.29	2.01	45.05	Average	54	Pass
a	5240	Ant1	5366.64	-40.5	2.01	56.84	Peak	68.2	Pass
a	5240	Ant1	5449.68	-49.26	2.01	48.08	Average	54	Pass
a	5240	Ant1	5460	-43.43	2.01	53.91	Peak	68.2	Pass
a	5240	Ant1	5460	-51.99	2.01	45.35	Average	54	Pass
a	5260	Ant1	4500	-42.88	2.01	54.46	Peak	68.2	Pass
a	5260	Ant1	4500	-52.23	2.01	45.11	Average	54	Pass
a	5260	Ant1	4727.76	-40.03	2.01	57.31	Peak	68.2	Pass
a	5260	Ant1	5028.84	-50.12	2.01	47.22	Average	54	Pass
a	5260	Ant1	5150	-44	2.01	53.34	Peak	68.2	Pass
a	5260	Ant1	5150	-52.08	2.01	45.26	Average	54	Pass
a	5320	Ant1	5350	-43.66	2.01	53.68	Peak	68.2	Pass
a	5320	Ant1	5350	-51.96	2.01	45.38	Average	54	Pass
a	5320	Ant1	5449.8	-40.18	2.01	57.16	Peak	68.2	Pass
a	5320	Ant1	5447.8	-49.78	2.01	47.56	Average	54	Pass
a	5320	Ant1	5460	-46.31	2.01	51.03	Peak	68.2	Pass
a	5320	Ant1	5460	-51.75	2.01	45.59	Average	54	Pass
a	5500	Ant1	5460	-41.12	2.06	56.22	Peak	68.2	Pass
a	5500	Ant1	5460	-50.19	2.06	47.15	Average	54	Pass
a	5500	Ant1	5464.6	-40.94	2.06	56.4	Peak	68.2	Pass
a	5500	Ant1	5462	-50.02	2.06	47.32	Average	54	Pass
a	5500	Ant1	5470	-44.27	2.06	53.07	Peak	68.2	Pass
a	5500	Ant1	5470	-51.36	2.06	45.98	Average	54	Pass
a	5700	Ant1	5725	-54.2	2.06	43.14	Peak	68.2	Pass
a	5700	Ant1	5725	-60.24	2.06	37.1	Average	54	Pass
a	5700	Ant1	5726.2	-49.92	2.06	47.42	Peak	68.2	Pass
a	5700	Ant1	5732	-59.72	2.06	37.62	Average	54	Pass
a	5700	Ant1	5735	-53.46	2.06	43.88	Peak	68.2	Pass

a	5700	Ant1	5735	-60.7	2.06	36.64	Average	54	Pass
n20	5180	Ant1	4500	-45.03	2.01	52.31	Peak	68.2	Pass
n20	5180	Ant1	4500	-52.51	2.01	44.83	Average	54	Pass
n20	5180	Ant1	4686.2	-39.22	2.01	58.12	Peak	68.2	Pass
n20	5180	Ant1	4962.7	-48.97	2.01	48.37	Average	54	Pass
n20	5180	Ant1	5150	-43.77	2.01	53.57	Peak	68.2	Pass
n20	5180	Ant1	5150	-51.58	2.01	45.76	Average	54	Pass
n20	5240	Ant1	5350	-44.21	2.01	53.13	Peak	68.2	Pass
n20	5240	Ant1	5350	-52.02	2.01	45.32	Average	54	Pass
n20	5240	Ant1	5446.56	-38.96	2.01	58.38	Peak	68.2	Pass
n20	5240	Ant1	5450.16	-49.63	2.01	47.71	Average	54	Pass
n20	5240	Ant1	5460	-43.41	2.01	53.93	Peak	68.2	Pass
n20	5240	Ant1	5460	-51.67	2.01	45.67	Average	54	Pass
n20	5260	Ant1	4500	-43.93	2.01	53.41	Peak	68.2	Pass
n20	5260	Ant1	4500	-52.86	2.01	44.48	Average	54	Pass
n20	5260	Ant1	4931.34	-40.21	2.01	57.13	Peak	68.2	Pass
n20	5260	Ant1	4899.36	-49.88	2.01	47.46	Average	54	Pass
n20	5260	Ant1	5150	-42.22	2.01	55.12	Peak	68.2	Pass
n20	5260	Ant1	5150	-51.4	2.01	45.94	Average	54	Pass
n20	5320	Ant1	5350	-44.39	2.01	52.95	Peak	68.2	Pass
n20	5320	Ant1	5350	-51.15	2.01	46.19	Average	54	Pass
n20	5320	Ant1	5450.4	-39.4	2.01	57.94	Peak	68.2	Pass
n20	5320	Ant1	5448.2	-49.26	2.01	48.08	Average	54	Pass
n20	5320	Ant1	5460	-45.09	2.01	52.25	Peak	68.2	Pass
n20	5320	Ant1	5460	-51.81	2.01	45.53	Average	54	Pass
n20	5500	Ant1	5460	-41.98	2.06	55.36	Peak	68.2	Pass
n20	5500	Ant1	5460	-50.2	2.06	47.14	Average	54	Pass
n20	5500	Ant1	5463.6	-40.63	2.06	56.71	Peak	68.2	Pass
n20	5500	Ant1	5460	-50.2	2.06	47.14	Average	54	Pass
n20	5500	Ant1	5470	-44.19	2.06	53.15	Peak	68.2	Pass
n20	5500	Ant1	5470	-51.7	2.06	45.64	Average	54	Pass
n20	5700	Ant1	5725	-42.47	2.06	54.87	Peak	68.2	Pass
n20	5700	Ant1	5725	-50.53	2.06	46.81	Average	54	Pass
n20	5700	Ant1	5725.8	-40.73	2.06	56.61	Peak	68.2	Pass
n20	5700	Ant1	5729	-49.98	2.06	47.36	Average	54	Pass
n20	5700	Ant1	5735	-42.47	2.06	54.87	Peak	68.2	Pass
n20	5700	Ant1	5735	-50.96	2.06	46.38	Average	54	Pass
n40	5190	Ant1	4500	-43.81	2.01	53.53	Peak	68.2	Pass
n40	5190	Ant1	4500	-52.05	2.01	45.29	Average	54	Pass
n40	5190	Ant1	4972.31	-39.92	2.01	57.42	Peak	68.2	Pass
n40	5190	Ant1	4964.28	-49.6	2.01	47.74	Average	54	Pass
n40	5190	Ant1	5150	-44.4	2.01	52.94	Peak	68.2	Pass
n40	5190	Ant1	5150	-52.04	2.01	45.3	Average	54	Pass

n40	5230	Ant1	5350	-43.44	2.01	53.9	Peak	68.2	Pass
n40	5230	Ant1	5350	-51.45	2.01	45.89	Average	54	Pass
n40	5230	Ant1	5374.95	-40.26	2.01	57.08	Peak	68.2	Pass
n40	5230	Ant1	5449.2	-49.3	2.01	48.04	Average	54	Pass
n40	5230	Ant1	5460	-43.11	2.01	54.23	Peak	68.2	Pass
n40	5230	Ant1	5460	-51.43	2.01	45.91	Average	54	Pass
n40	5270	Ant1	4500	-44.38	2.01	52.96	Peak	68.2	Pass
n40	5270	Ant1	4500	-52.2	2.01	45.14	Average	54	Pass
n40	5270	Ant1	4908.24	-40.08	2.01	57.26	Peak	68.2	Pass
n40	5270	Ant1	4963.32	-49.52	2.01	47.82	Average	54	Pass
n40	5270	Ant1	5150	-43.34	2.01	54	Peak	68.2	Pass
n40	5270	Ant1	5150	-51.53	2.01	45.81	Average	54	Pass
n40	5310	Ant1	5350	-45.07	2.01	52.27	Peak	68.2	Pass
n40	5310	Ant1	5350	-52.09	2.01	45.25	Average	54	Pass
n40	5310	Ant1	5393.4	-39.01	2.01	58.33	Peak	68.2	Pass
n40	5310	Ant1	5387	-50.77	2.01	46.57	Average	54	Pass
n40	5310	Ant1	5460	-43.98	2.01	53.36	Peak	68.2	Pass
n40	5310	Ant1	5460	-51.6	2.01	45.74	Average	54	Pass
n40	5510	Ant1	5460	-41.84	2.06	55.5	Peak	68.2	Pass
n40	5510	Ant1	5460	-51.55	2.06	45.79	Average	54	Pass
n40	5510	Ant1	5460.4	-41.23	2.06	56.11	Peak	68.2	Pass
n40	5510	Ant1	-51.07	-51.07	2.06	46.27	Average	54	Pass
n40	5510	Ant1	5470	-44.45	2.06	52.89	Peak	68.2	Pass
n40	5510	Ant1	5470	-52.19	2.06	45.15	Average	54	Pass
n40	5670	Ant1	5725	-42.2	2.06	55.14	Peak	68.2	Pass
n40	5670	Ant1	5725	-50.55	2.06	46.79	Average	54	Pass
n40	5670	Ant1	5733.8	-41.71	2.06	55.63	Peak	68.2	Pass
n40	5670	Ant1	5729.4	-50.05	2.06	47.29	Average	54	Pass
n40	5670	Ant1	-42.71	-42.71	2.06	54.63	Peak	68.2	Pass
n40	5670	Ant1	5735	-50.49	2.06	46.85	Average	54	Pass
ac20	5180	Ant1	4500	-42.46	2.01	54.88	Peak	68.2	Pass
ac20	5180	Ant1	4500	-52.51	2.01	44.83	Average	54	Pass
ac20	5180	Ant1	4943.8	-39.96	2.01	57.38	Peak	68.2	Pass
ac20	5180	Ant1	5034.8	-49.31	2.01	48.03	Average	54	Pass
ac20	5180	Ant1	5150	-42.3	2.01	55.04	Peak	68.2	Pass
ac20	5180	Ant1	5150	-51.63	2.01	45.71	Average	54	Pass
ac20	5240	Ant1	5350	-44.52	2.01	52.82	Peak	68.2	Pass
ac20	5240	Ant1	5350	-52.09	2.01	45.25	Average	54	Pass
ac20	5240	Ant1	5455.44	-40.72	2.01	56.62	Peak	68.2	Pass
ac20	5240	Ant1	5447.04	-49.69	2.01	47.65	Average	54	Pass
ac20	5240	Ant1	5460	-44.08	2.01	53.26	Peak	68.2	Pass
ac20	5240	Ant1	5460	-51.72	2.01	45.62	Average	54	Pass
ac20	5260	Ant1	4500	-43.8	2.01	53.54	Peak	68.2	Pass

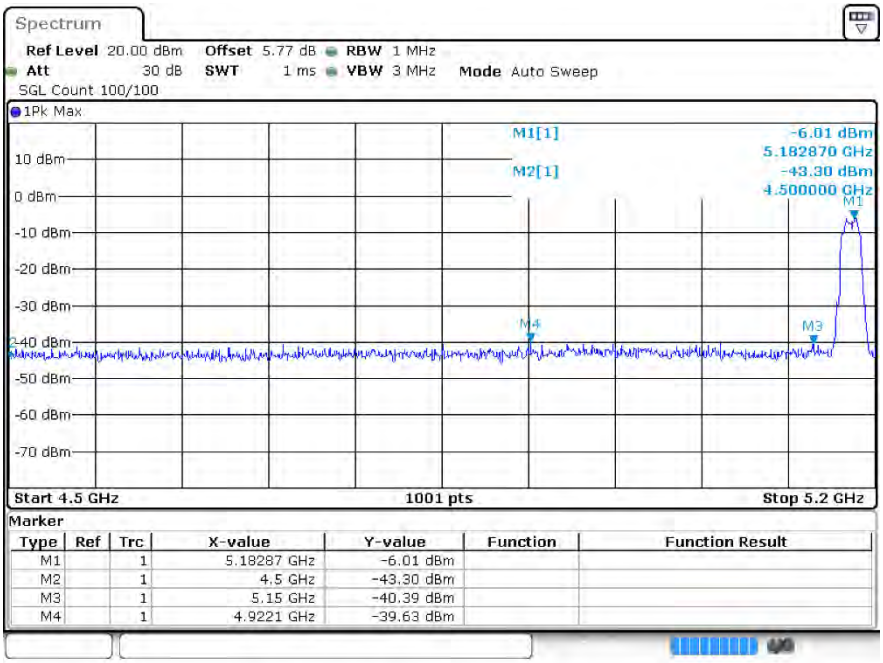
ac20	5260	Ant1	4500	-52.1	2.01	45.24	Average	54	Pass
ac20	5260	Ant1	4566.3	-40.18	2.01	57.16	Peak	68.2	Pass
ac20	5260	Ant1	5027.28	-49.72	2.01	47.62	Average	54	Pass
ac20	5260	Ant1	5150	-42.36	2.01	54.98	Peak	68.2	Pass
ac20	5260	Ant1	5150	-51.94	2.01	45.4	Average	54	Pass
ac20	5320	Ant1	5350	-43.55	2.01	53.79	Peak	68.2	Pass
ac20	5320	Ant1	5350	-51.92	2.01	45.42	Average	54	Pass
ac20	5320	Ant1	5455.6	-40.12	2.01	57.22	Peak	68.2	Pass
ac20	5320	Ant1	5447.8	-49.67	2.01	47.67	Average	54	Pass
ac20	5320	Ant1	5460	-44.94	2.01	52.4	Peak	68.2	Pass
ac20	5320	Ant1	5460	-51.41	2.01	45.93	Average	54	Pass
ac20	5500	Ant1	5460	-42.59	2.06	54.75	Peak	68.2	Pass
ac20	5500	Ant1	5460	-50.53	2.06	46.81	Average	54	Pass
ac20	5500	Ant1	5463.2	-41.16	2.06	56.18	Peak	68.2	Pass
ac20	5500	Ant1	5460.6	-50.34	2.06	47	Average	54	Pass
ac20	5500	Ant1	5470	-42.89	2.06	54.45	Peak	68.2	Pass
ac20	5500	Ant1	5470	-51.32	2.06	46.02	Average	54	Pass
ac20	5700	Ant1	5725	-42.37	2.06	54.97	Peak	68.2	Pass
ac20	5700	Ant1	5725	-50	2.06	47.34	Average	54	Pass
ac20	5700	Ant1	5726.2	-39.81	2.06	57.53	Peak	68.2	Pass
ac20	5700	Ant1	5727.8	-49.68	2.06	47.66	Average	54	Pass
ac20	5700	Ant1	5735	-42.87	2.06	54.47	Peak	68.2	Pass
ac20	5700	Ant1	5735	-50.57	2.06	46.77	Average	54	Pass
ac40	5190	Ant1	4500	-44.07	2.01	53.27	Peak	68.2	Pass
ac40	5190	Ant1	4500	-51.42	2.01	45.92	Average	54	Pass
ac40	5190	Ant1	4953.33	-40.02	2.01	57.32	Peak	68.2	Pass
ac40	5190	Ant1	4965.74	-48.67	2.01	48.67	Average	54	Pass
ac40	5190	Ant1	5150	-41.73	2.01	55.61	Peak	68.2	Pass
ac40	5190	Ant1	5150	-51.36	2.01	45.98	Average	54	Pass
ac40	5230	Ant1	5350	-44.95	2.01	52.39	Peak	68.2	Pass
ac40	5230	Ant1	5350	-51.54	2.01	45.8	Average	54	Pass
ac40	5230	Ant1	5458.38	-40.45	2.01	56.89	Peak	68.2	Pass
ac40	5230	Ant1	5452.17	-49.28	2.01	48.06	Average	54	Pass
ac40	5230	Ant1	5460	-43.46	2.01	53.88	Peak	68.2	Pass
ac40	5230	Ant1	5460	-51.09	2.01	46.25	Average	54	Pass
ac40	5270	Ant1	4500	-41.52	2.01	55.82	Peak	68.2	Pass
ac40	5270	Ant1	4500	-51.8	2.01	45.54	Average	54	Pass
ac40	5270	Ant1	4766.49	-40.51	2.01	56.83	Peak	68.2	Pass
ac40	5270	Ant1	4962.51	-49.01	2.01	48.33	Average	54	Pass
ac40	5270	Ant1	5150	-43.55	2.01	53.79	Peak	68.2	Pass
ac40	5270	Ant1	5150	-51.34	2.01	46	Average	54	Pass
ac40	5310	Ant1	5350	-45.75	2.01	51.59	Peak	68.2	Pass
ac40	5310	Ant1	5350	-51.97	2.01	45.37	Average	54	Pass

ac40	5310	Ant1	5434.6	-39.88	2.01	57.46	Peak	68.2	Pass
ac40	5310	Ant1	5402.8	-50.05	2.01	47.29	Average	54	Pass
ac40	5310	Ant1	5460	-43.91	2.01	53.43	Peak	68.2	Pass
ac40	5310	Ant1	5460	-50.89	2.01	46.45	Average	54	Pass
ac40	5510	Ant1	5460	-43.54	2.06	53.8	Peak	68.2	Pass
ac40	5510	Ant1	5460	-51.1	2.06	46.24	Average	54	Pass
ac40	5510	Ant1	5466	-41.72	2.06	55.62	Peak	68.2	Pass
ac40	5510	Ant1	-50.54	-50.54	2.06	46.8	Average	54	Pass
ac40	5510	Ant1	5470	-44.93	2.06	52.41	Peak	68.2	Pass
ac40	5510	Ant1	5470	-51.14	2.06	46.2	Average	54	Pass
ac40	5670	Ant1	5725	-44.16	2.06	53.18	Peak	68.2	Pass
ac40	5670	Ant1	5725	-50.79	2.06	46.55	Average	54	Pass
ac40	5670	Ant1	5728	-40.09	2.06	57.25	Peak	68.2	Pass
ac40	5670	Ant1	5734.6	-50.22	2.06	47.12	Average	54	Pass
ac40	5670	Ant1	-43.39	-43.39	2.06	53.95	Peak	68.2	Pass
ac40	5670	Ant1	5735	-50.41	2.06	46.93	Average	54	Pass
ac80	5210	Ant1	4500	-42.38	2.01	54.96	Peak	68.2	Pass
ac80	5210	Ant1	4500	-51.44	2.01	45.9	Average	54	Pass
ac80	5210	Ant1	4512.64	-40.35	2.01	56.99	Peak	68.2	Pass
ac80	5210	Ant1	4968.47	-48.6	2.01	48.74	Average	54	Pass
ac80	5210	Ant1	5150	-42.84	2.01	54.5	Peak	68.2	Pass
ac80	5210	Ant1	5150	-51.82	2.01	45.52	Average	54	Pass
ac80	5290	Ant1	4500	-42.94	2.01	54.4	Peak	68.2	Pass
ac80	5290	Ant1	4500	-51.55	2.01	45.79	Average	54	Pass
ac80	5290	Ant1	4803.63	-40.4	2.01	56.94	Peak	68.2	Pass
ac80	5290	Ant1	4965.45	-47.74	2.01	49.6	Average	54	Pass
ac80	5290	Ant1	5150	-42.46	2.01	54.88	Peak	68.2	Pass
ac80	5290	Ant1	5150	-50.18	2.01	47.16	Average	54	Pass
ac80	5530	Ant1	5460	-43.16	2.06	54.18	Peak	68.2	Pass
ac80	5530	Ant1	5460	-48.1	2.06	49.24	Average	54	Pass
ac80	5530	Ant1	5465.2	-41.22	2.06	56.12	Peak	68.2	Pass
ac80	5530	Ant1	5467	-47.92	2.06	49.42	Average	54	Pass
ac80	5530	Ant1	5470	-43.73	2.06	53.61	Peak	68.2	Pass
ac80	5530	Ant1	5470	-49.65	2.06	47.69	Average	54	Pass
ac80	5610	Ant1	5725	-43.6	2.06	53.74	Peak	68.2	Pass
ac80	5610	Ant1	5725	-49	2.06	48.34	Average	54	Pass
ac80	5610	Ant1	5734.385	-41.69	2.06	55.65	Peak	68.2	Pass
ac80	5610	Ant1	5732.54	-46.78	2.06	50.56	Average	54	Pass
ac80	5610	Ant1	5735	-42.39	2.06	54.95	Peak	68.2	Pass
ac80	5610	Ant1	5735	-48.29	2.06	49.05	Average	54	Pass

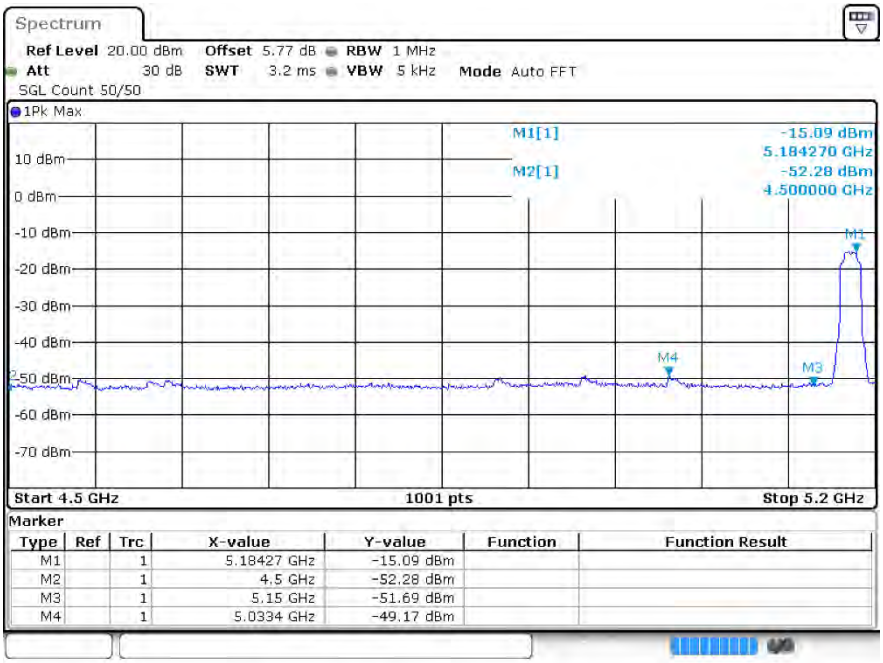
8.2 Test Graphs

Test Graphs

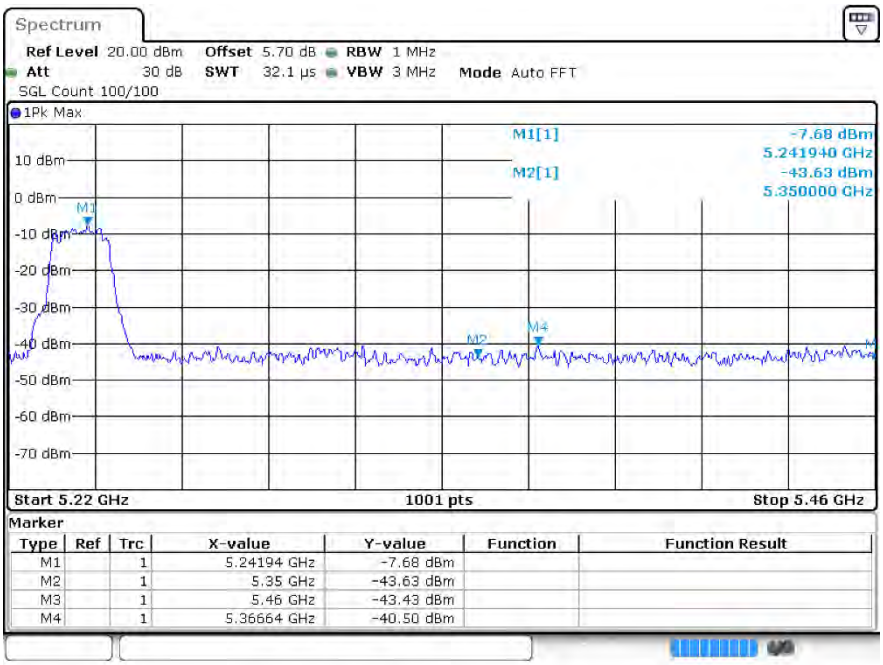
Restrict Banda 5180MHz Ant1 Peak



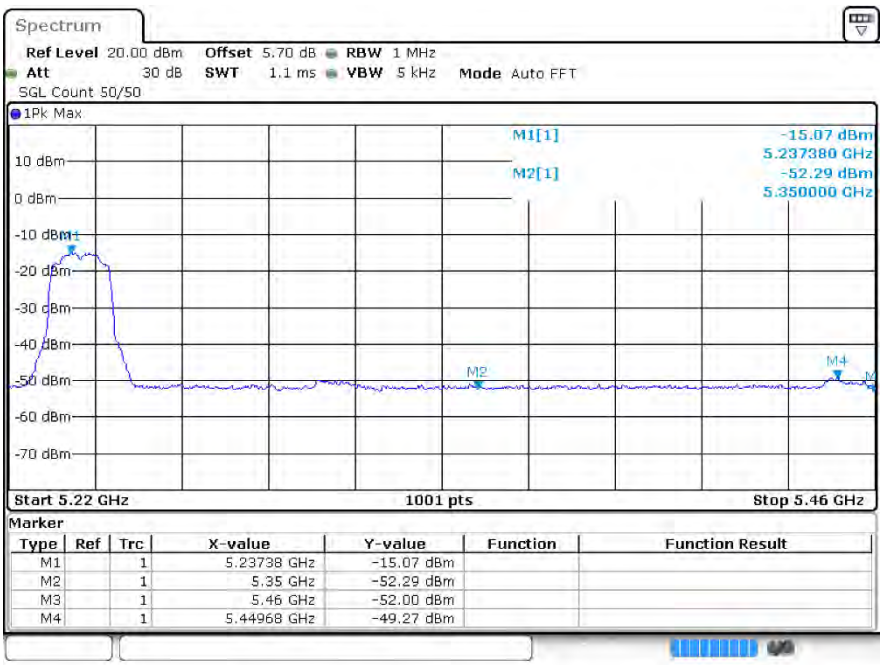
Restrict Band a 5180MHz Ant1 Average



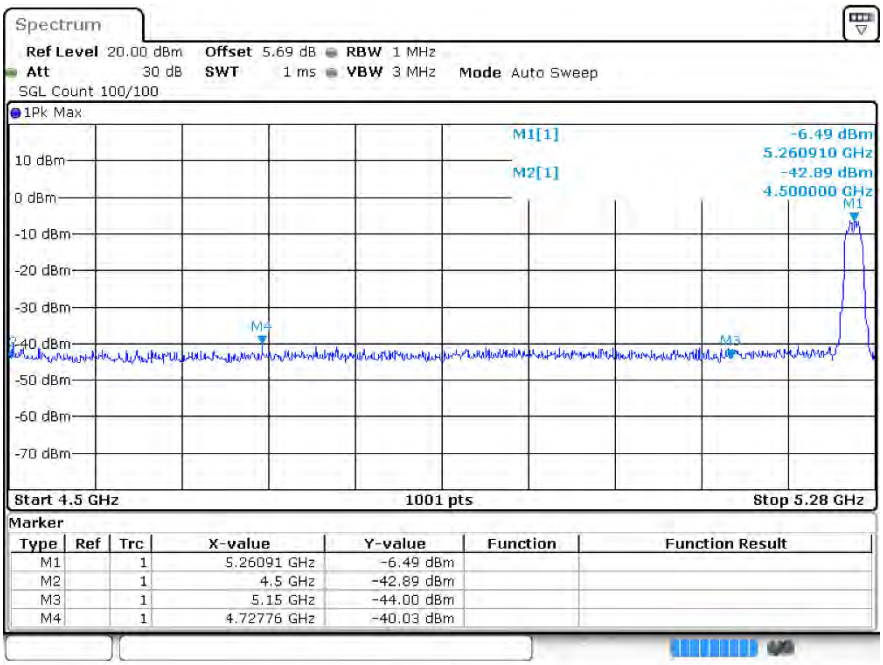
Restrict Banda 5240MHz Ant1 Peak



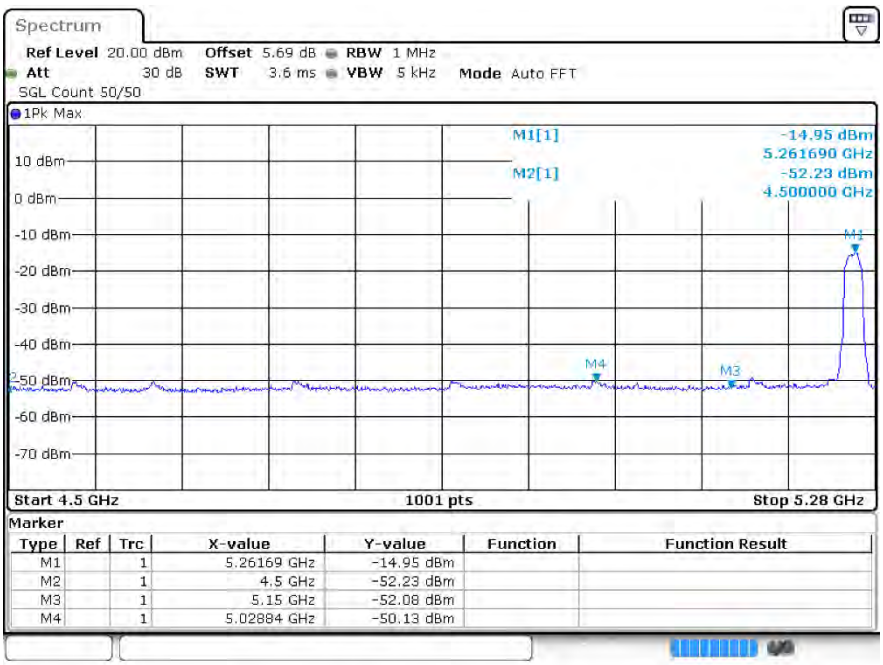
Restrict Band a 5240MHz Ant1 Average



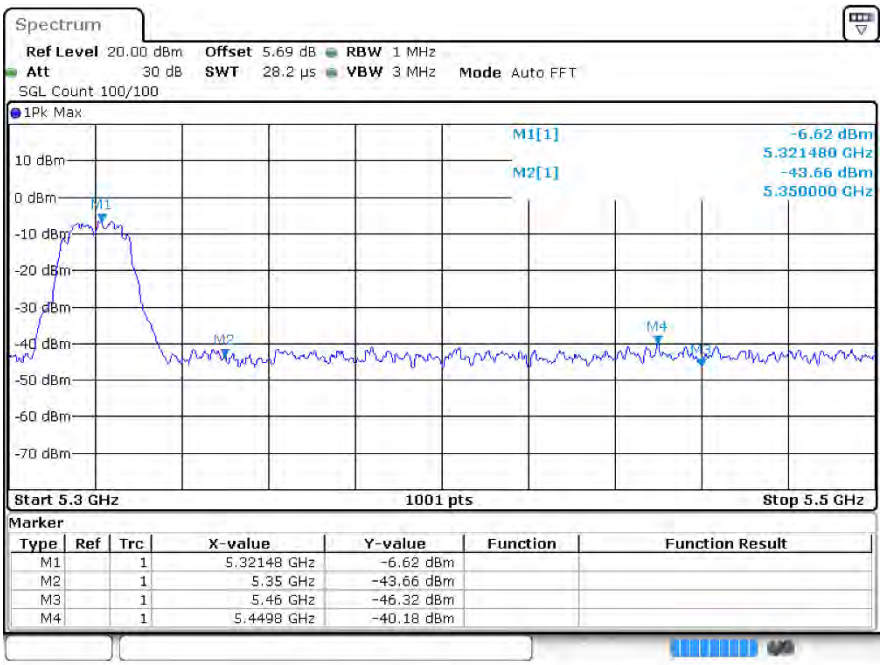
Restrict Banda 5260MHz Ant1 Peak



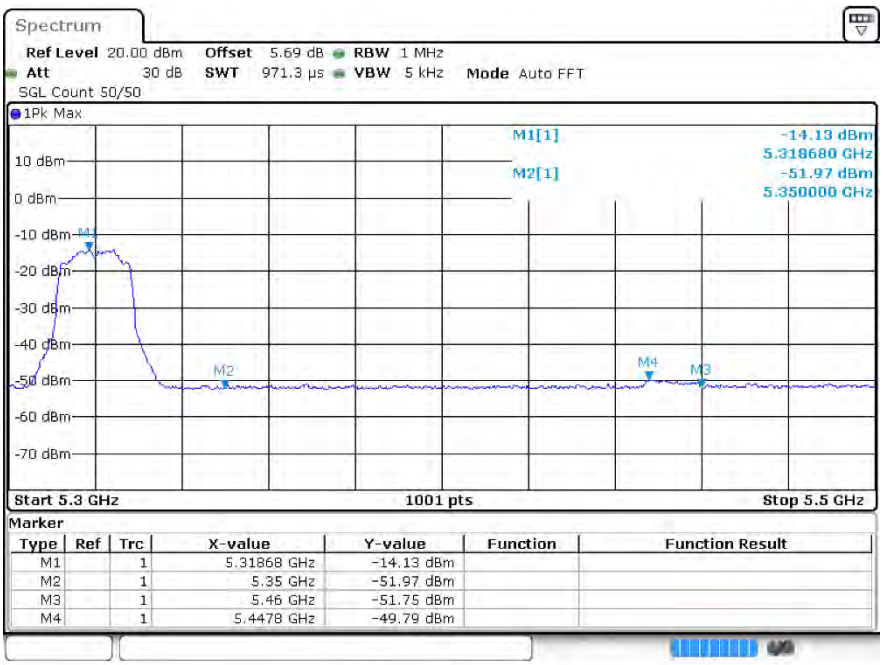
Restrict Band a 5260MHz Ant1 Average



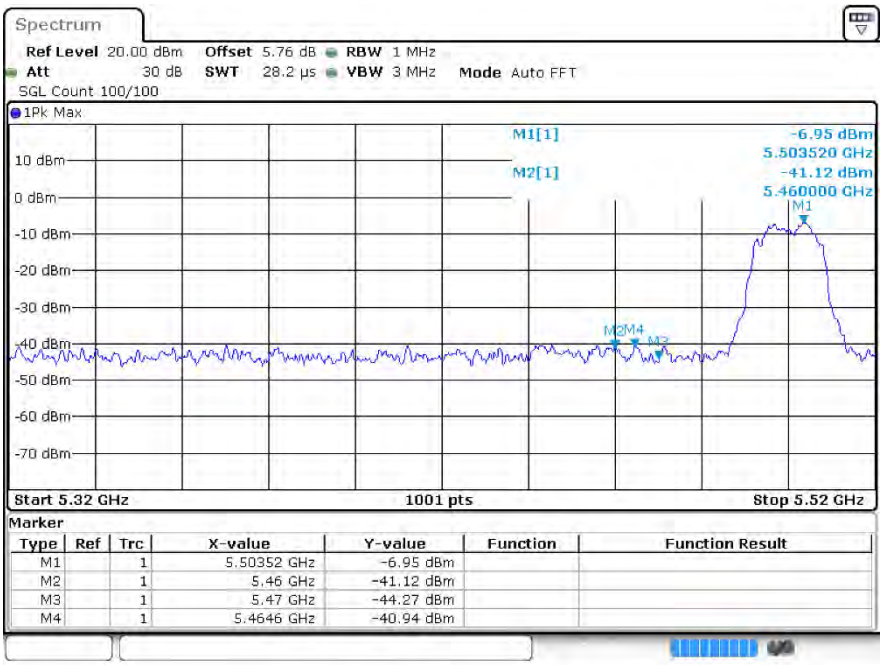
Restrict Banda 5320MHz Ant1 Peak



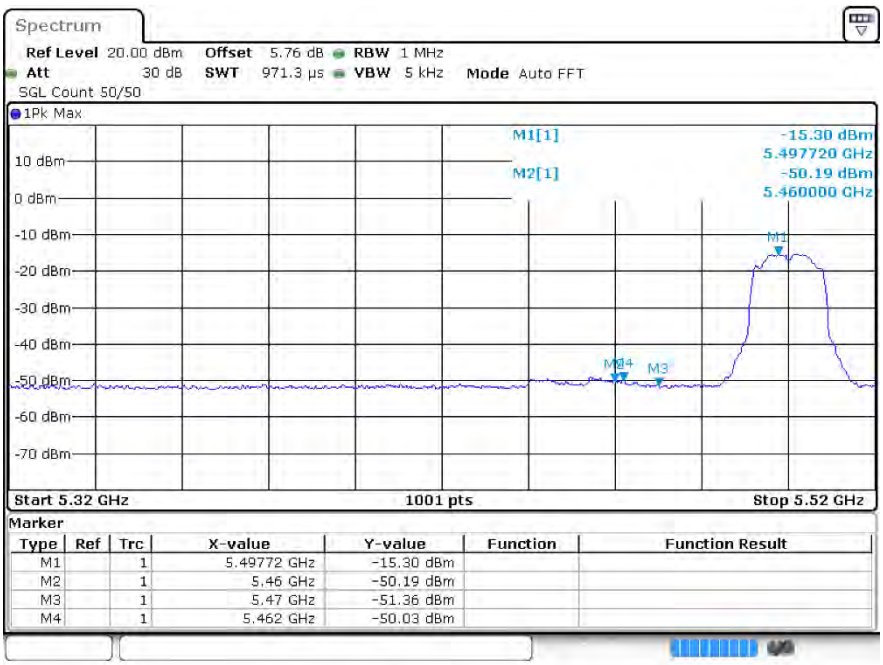
Restrict Band a 5320MHz Ant1 Average



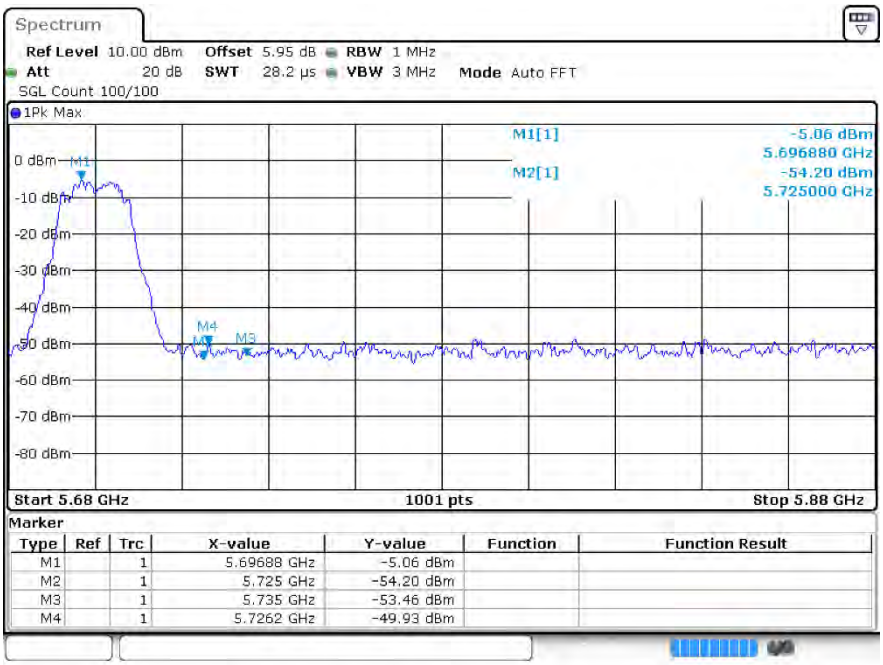
Restrict Banda 5500MHz Ant1 Peak



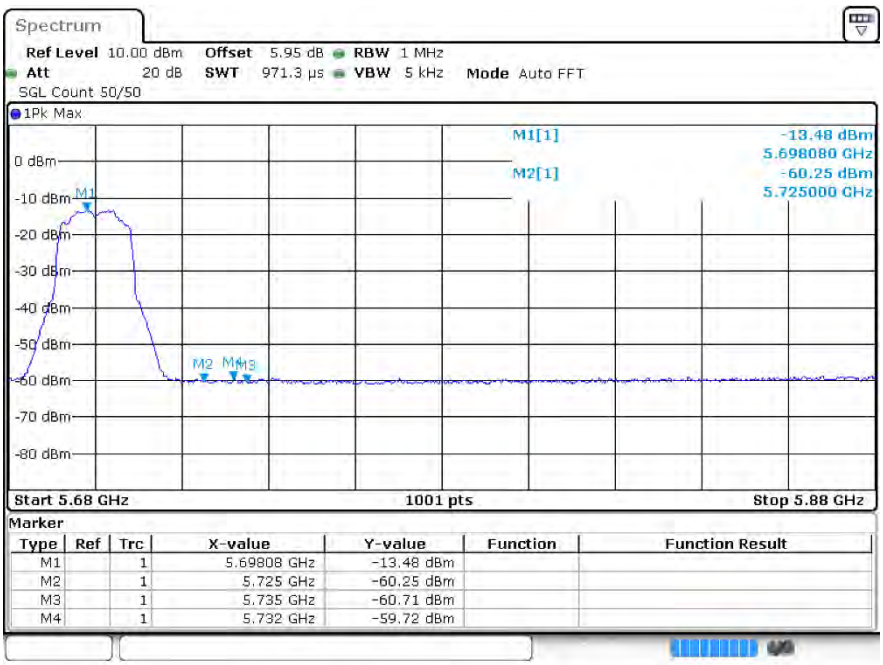
Restrict Band a 5500MHz Ant1 Average



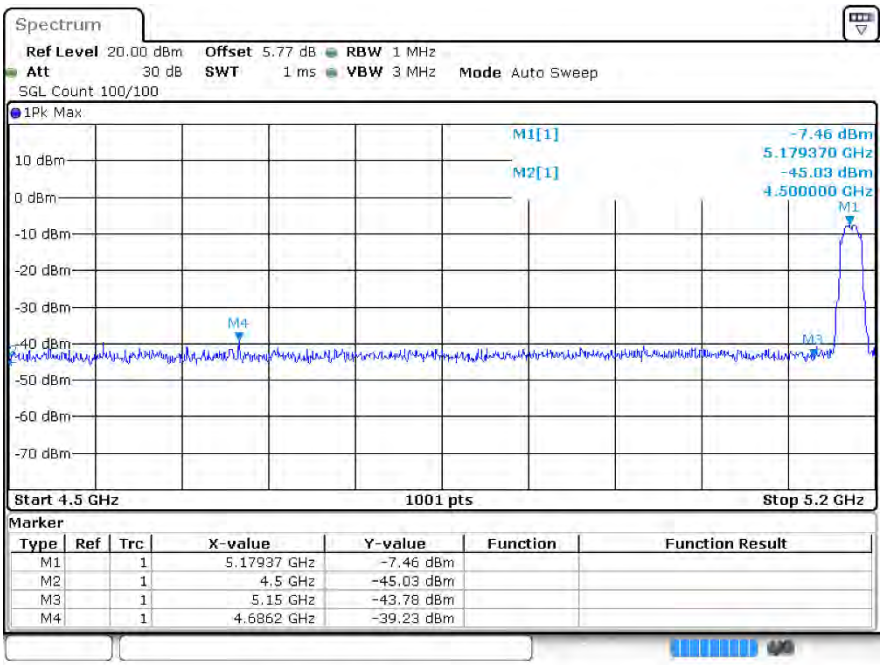
Restrict Banda 5700MHz Ant1 Peak



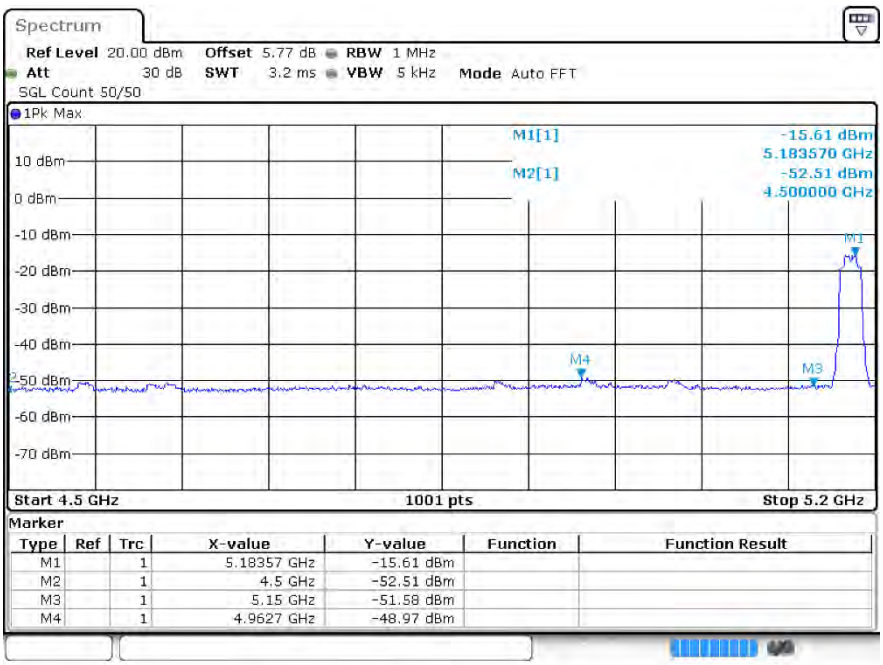
Restrict Band a 5700MHz Ant1 Average



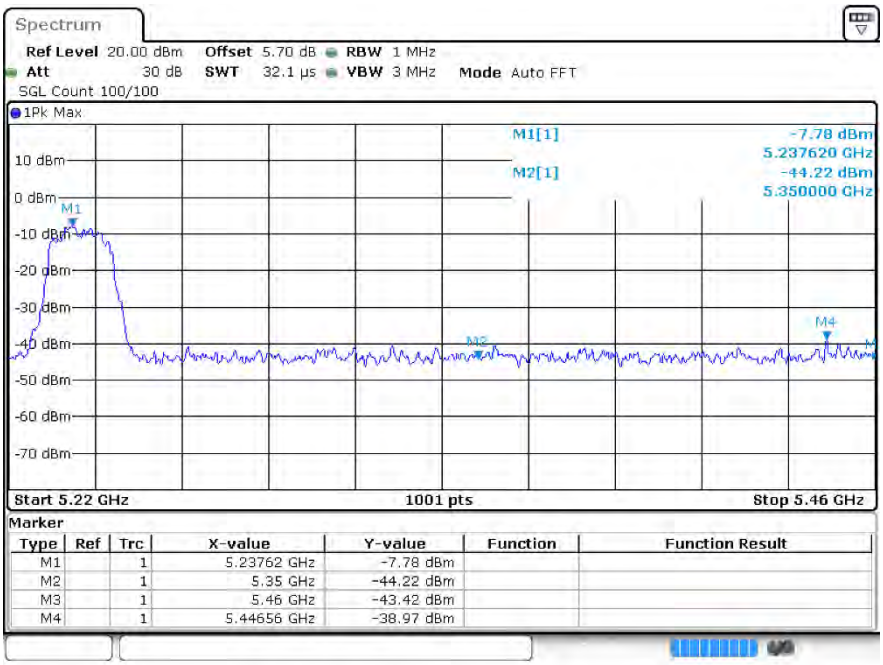
Restrict Bandn20 5180MHz Ant1 Peak



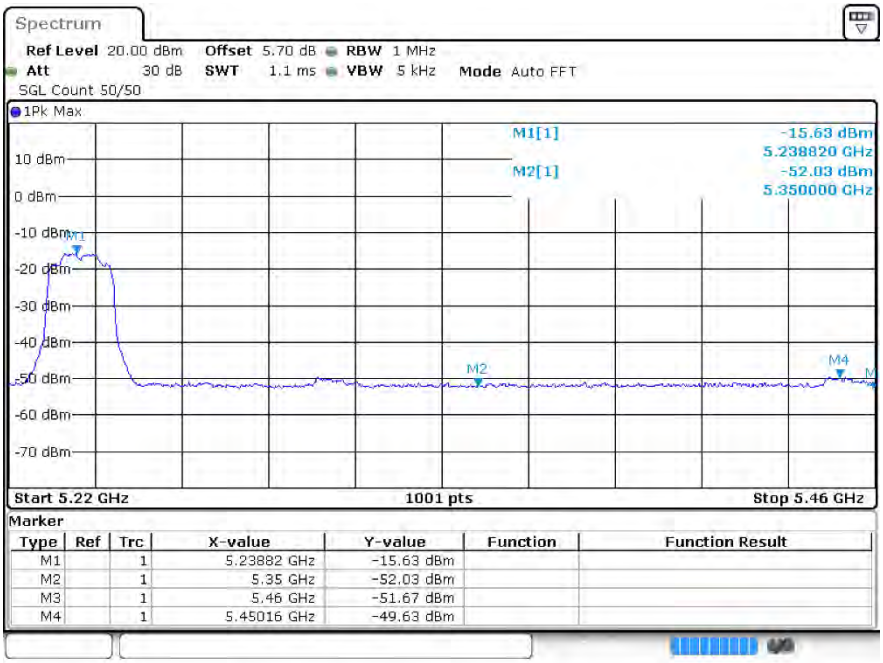
Restrict Band n20 5180MHz Ant1 Average



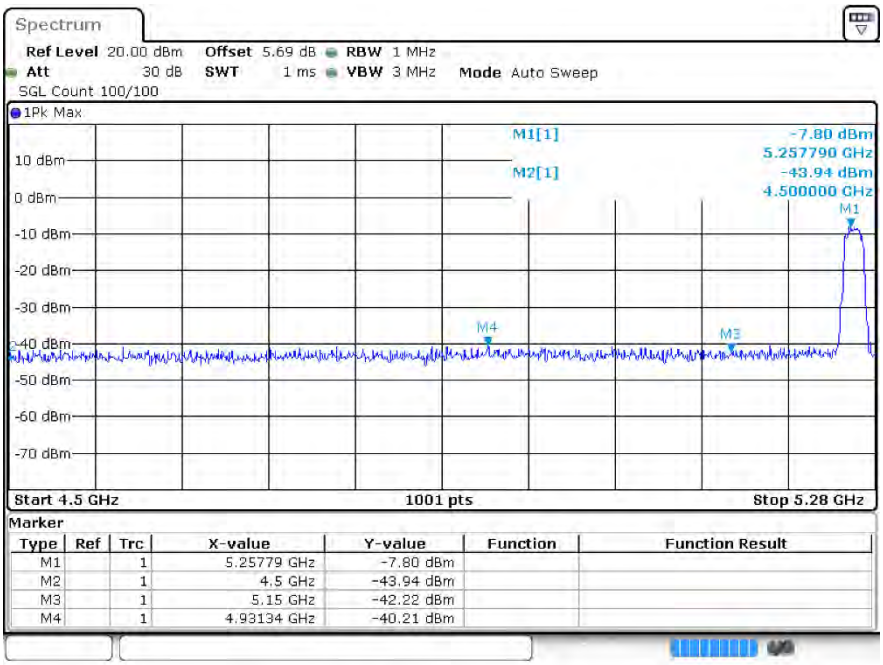
Restrict Bandn20 5240MHz Ant1 Peak



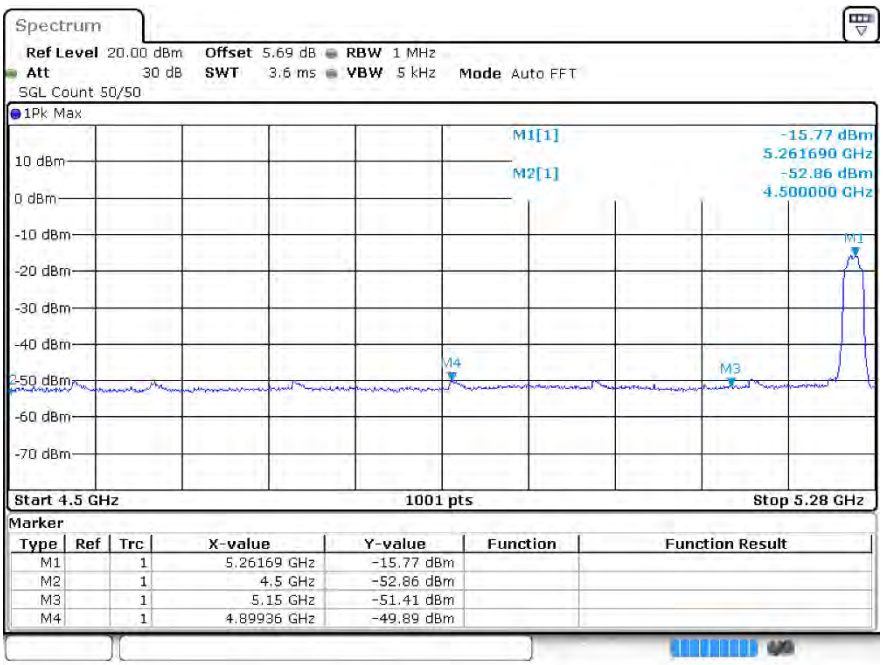
Restrict Band n20 5240MHz Ant1 Average



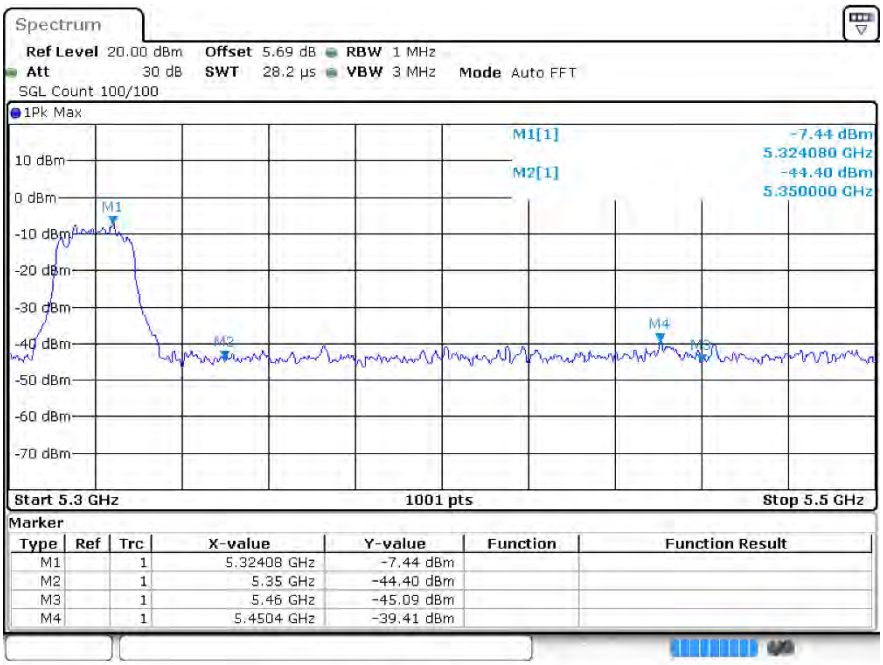
Restrict Bandn20 5260MHz Ant1 Peak



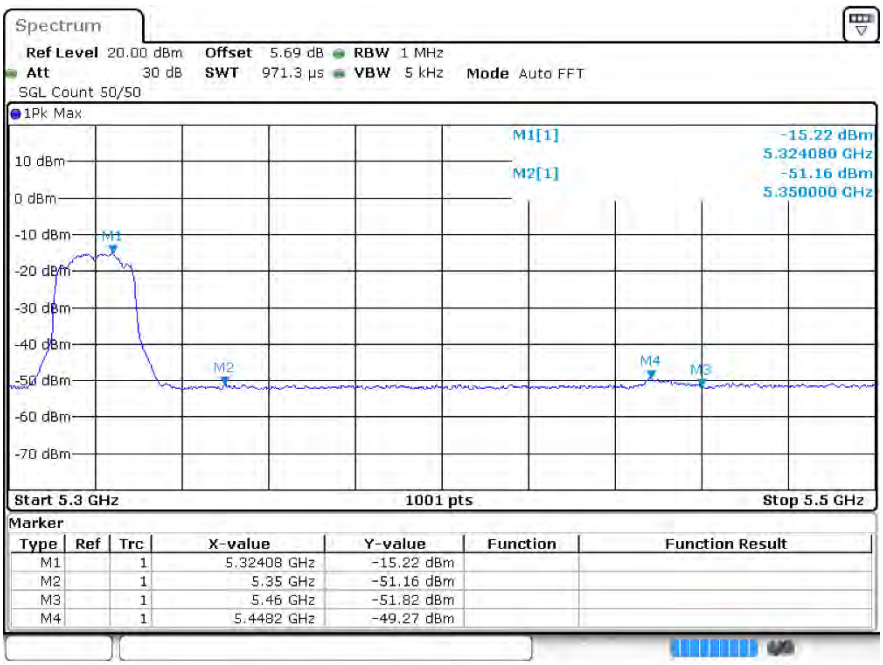
Restrict Band n20 5260MHz Ant1 Average



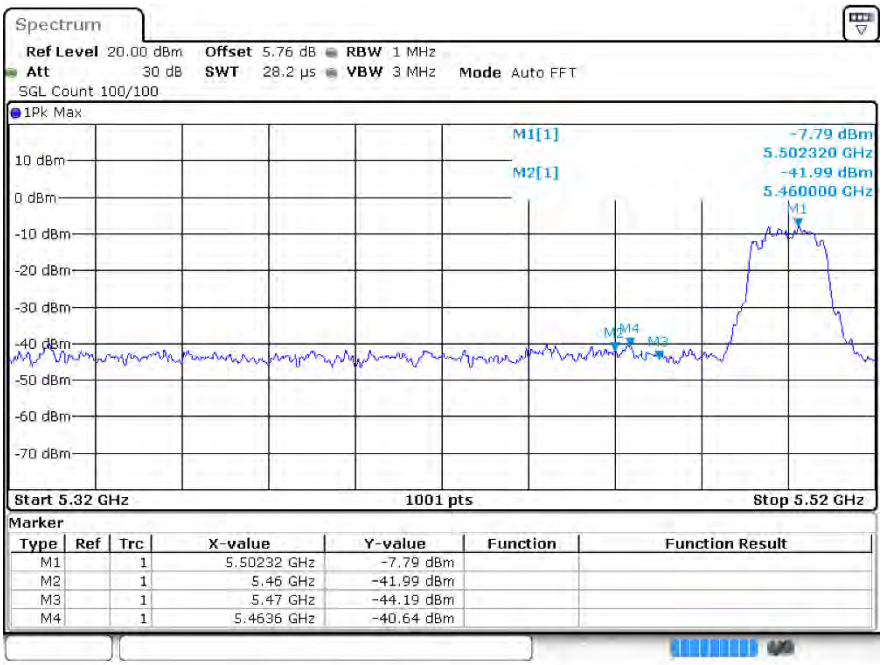
Restrict Bandn20 5320MHz Ant1 Peak



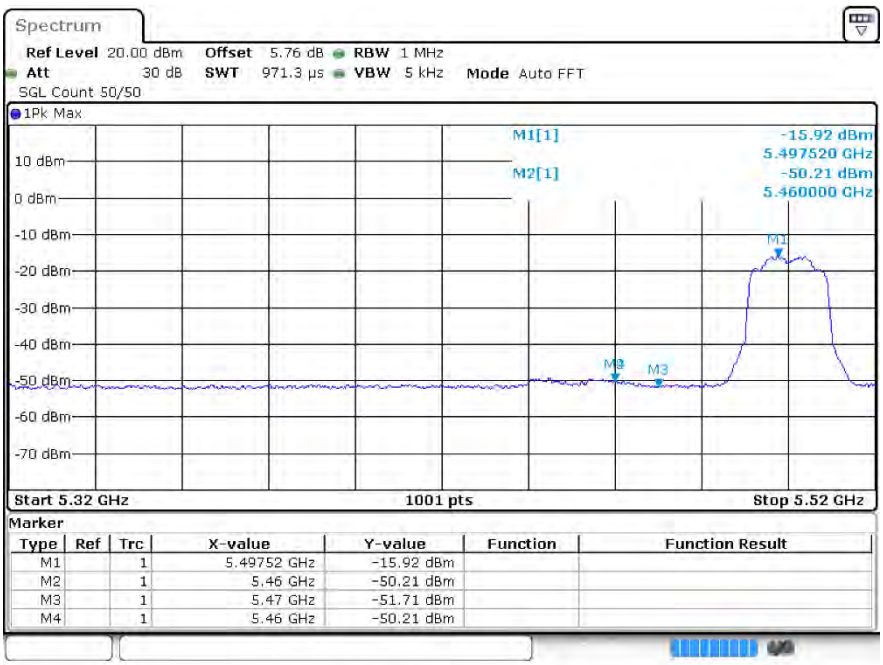
Restrict Band n20 5320MHz Ant1 Average



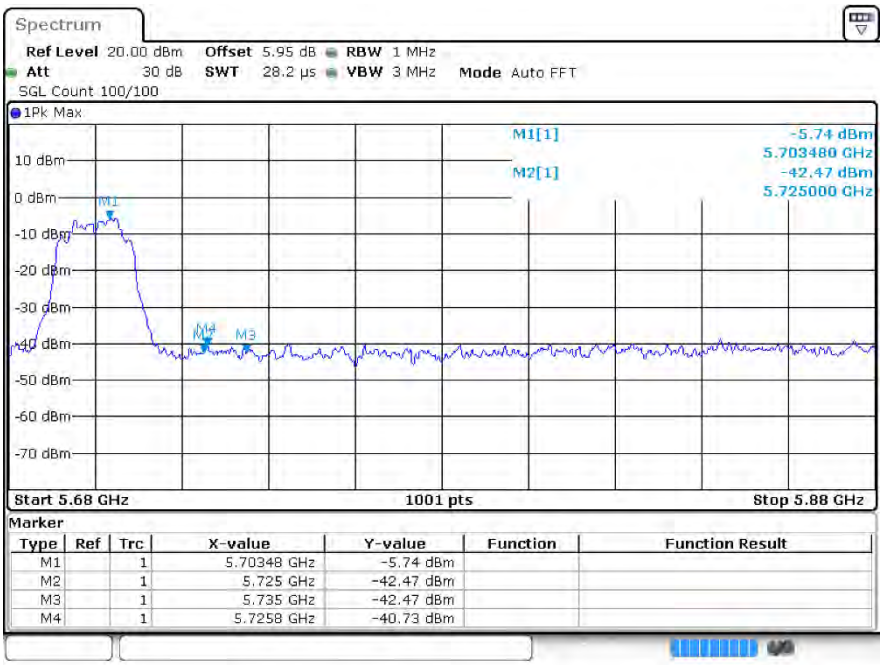
Restrict Bandn20 5500MHz Ant1 Peak



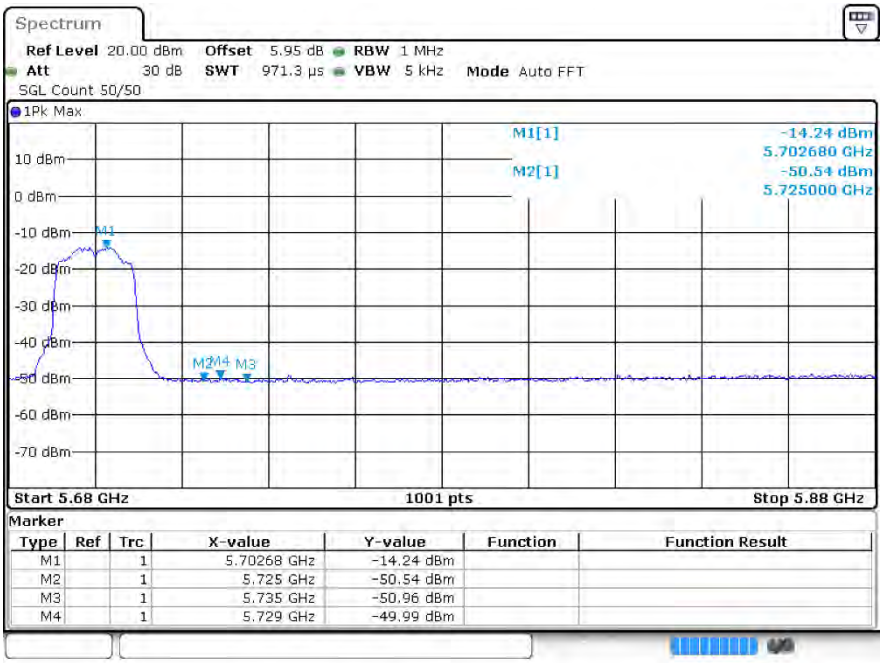
Restrict Band n20 5500MHz Ant1 Average



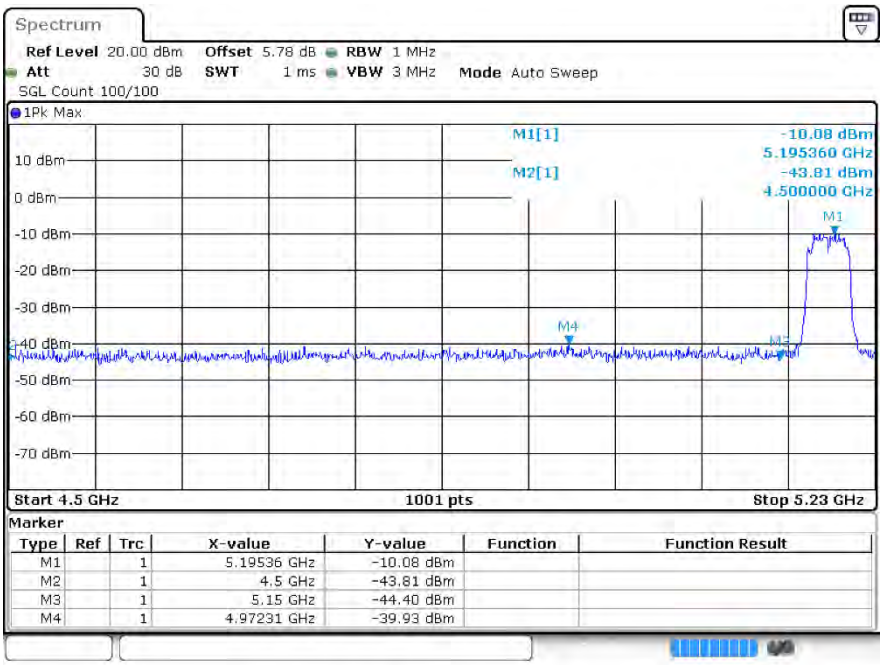
Restrict Bandn20 5700MHz Ant1 Peak



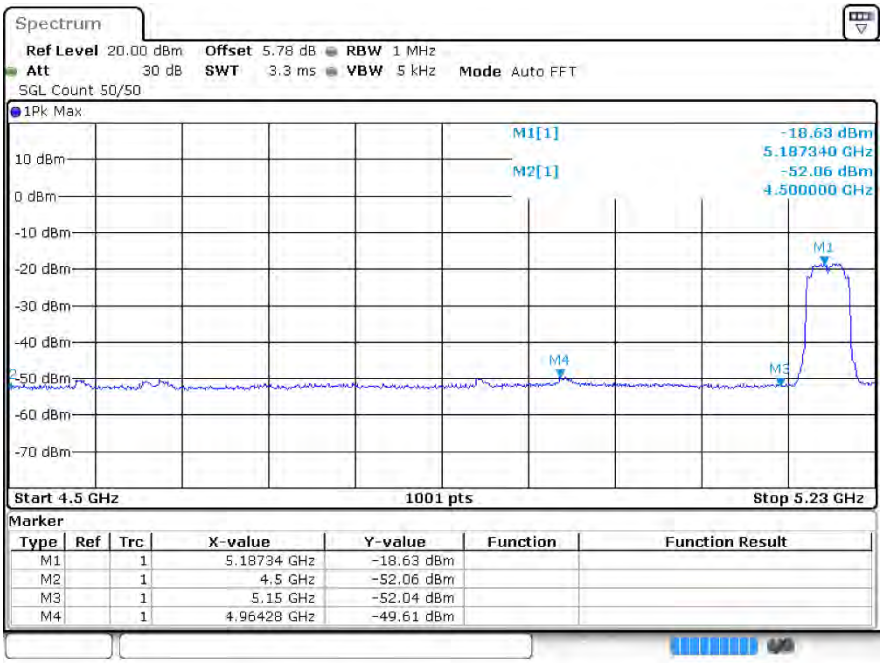
Restrict Band n20 5700MHz Ant1 Average



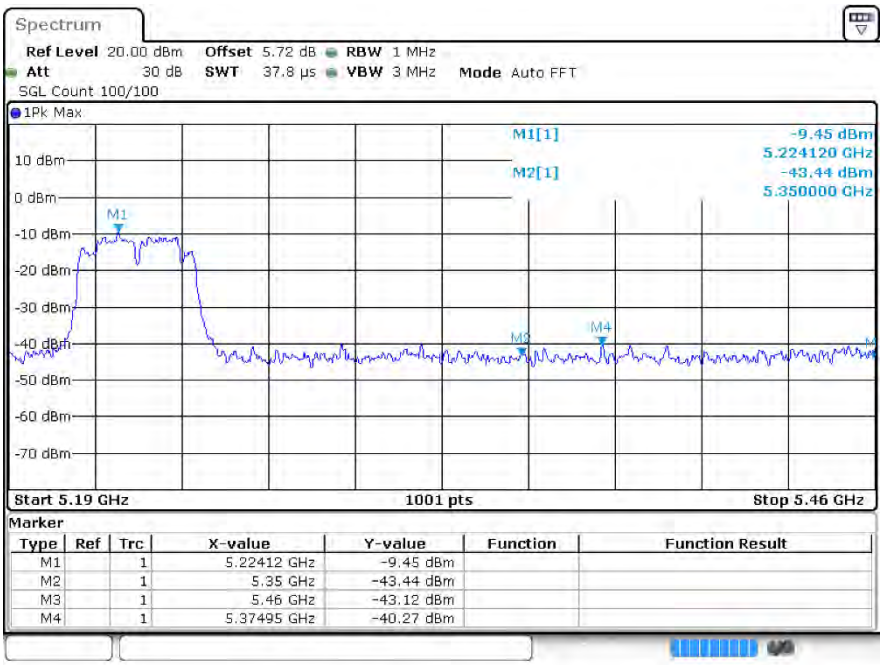
Restrict Bandn40 5190MHz Ant1 Peak



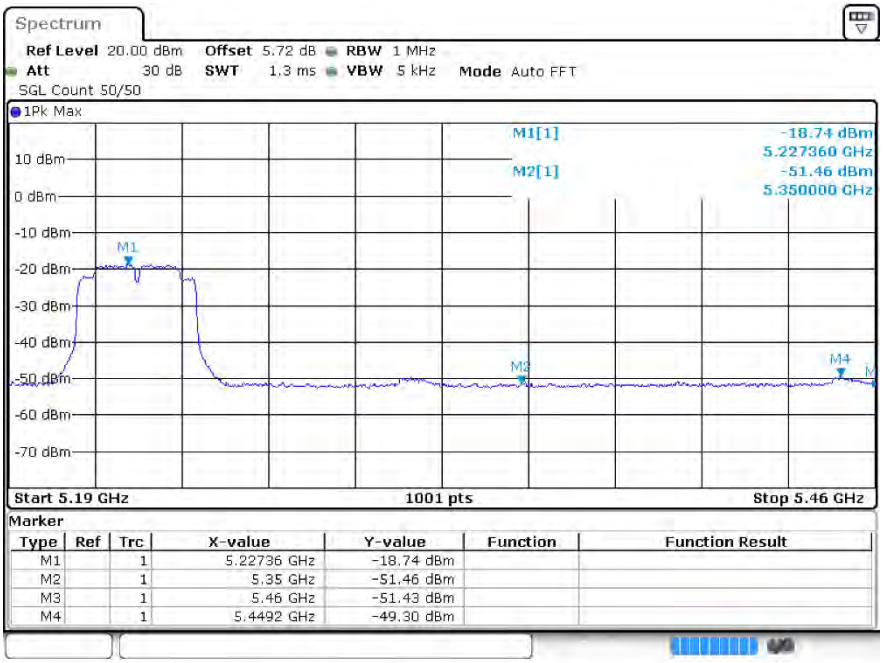
Restrict Band n40 5190MHz Ant1 Average



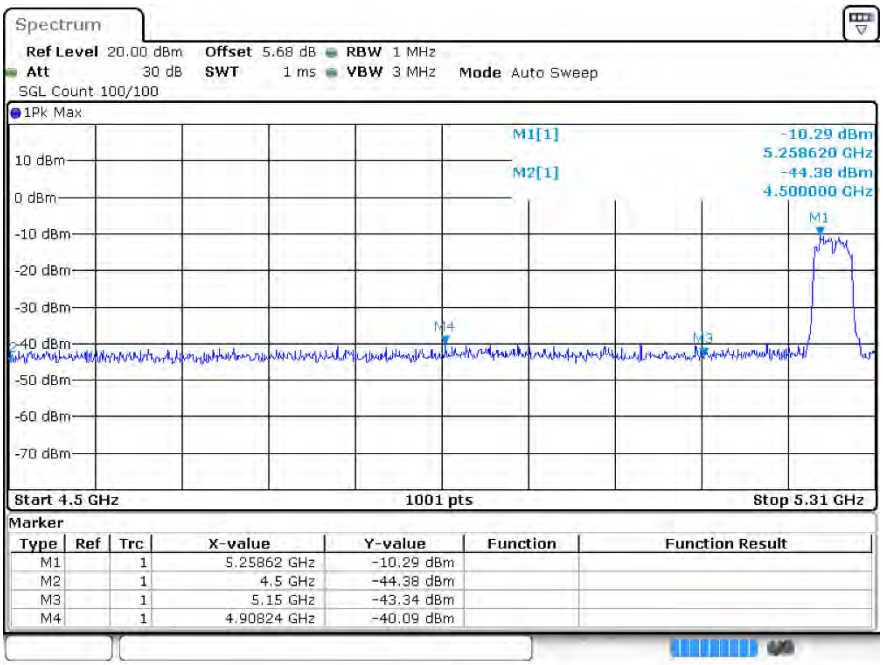
Restrict Bandn40 5230MHz Ant1 Peak



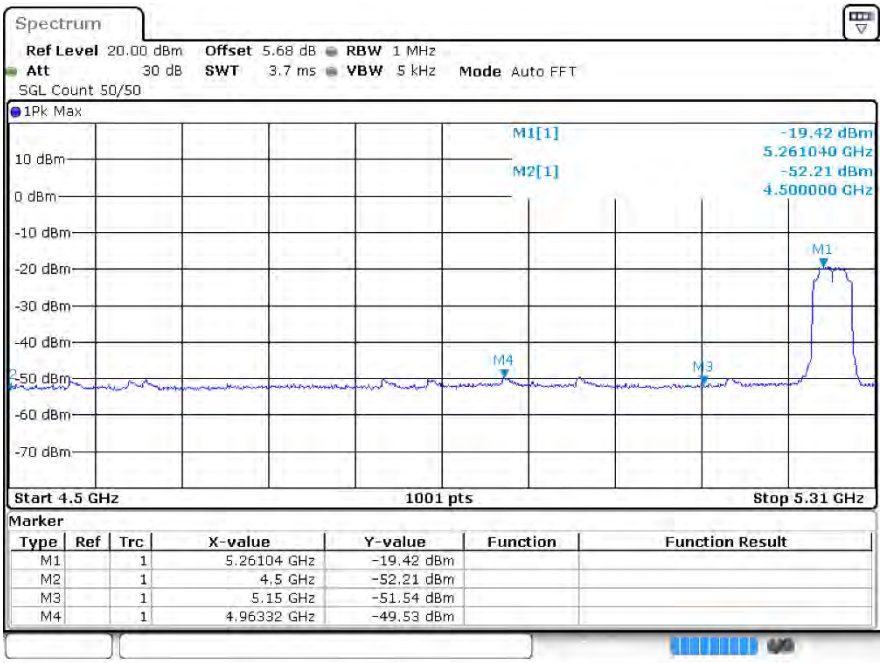
Restrict Band n40 5230MHz Ant1 Average



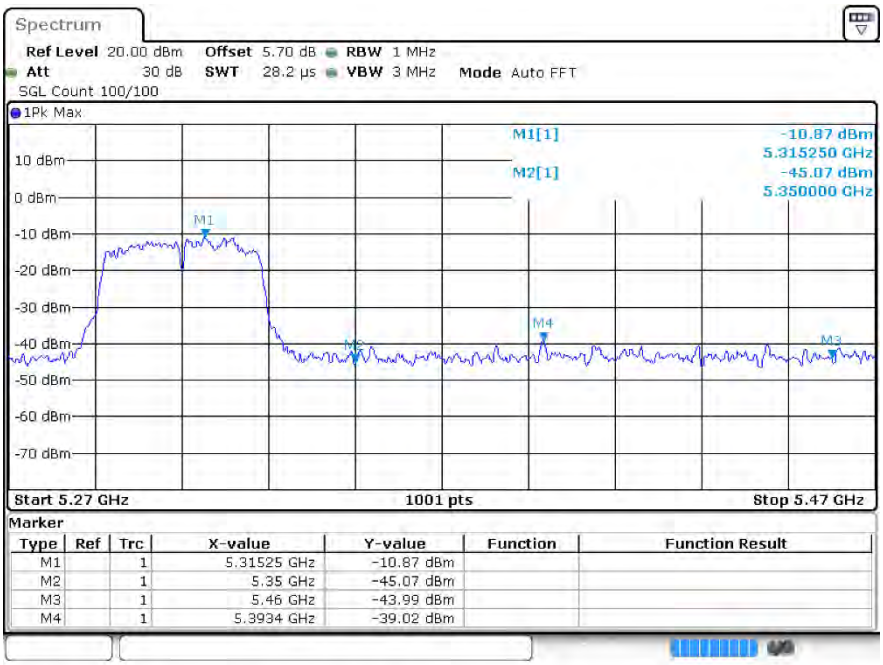
Restrict Bandn40 5270MHz Ant1 Peak



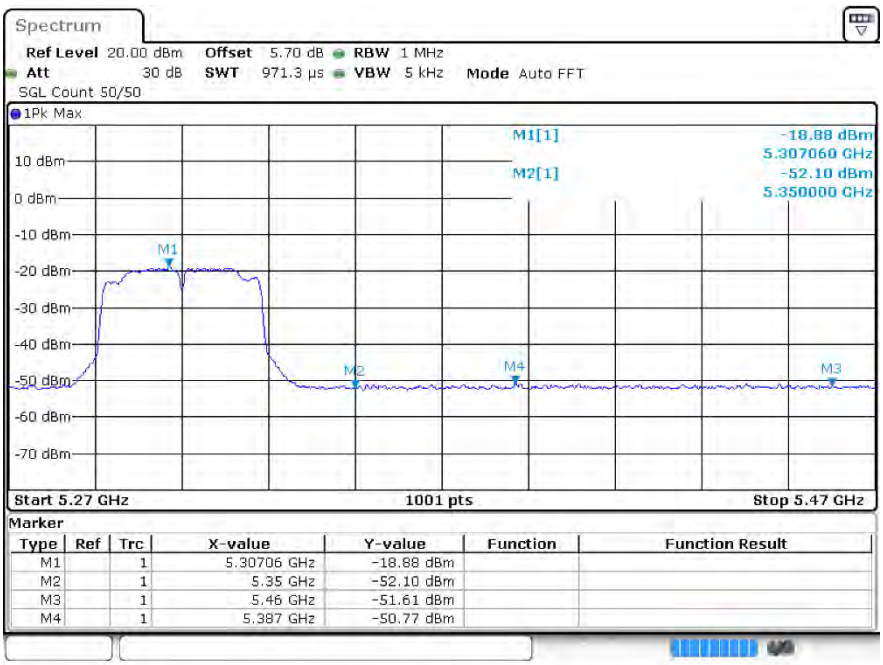
Restrict Band n40 5270MHz Ant1 Average



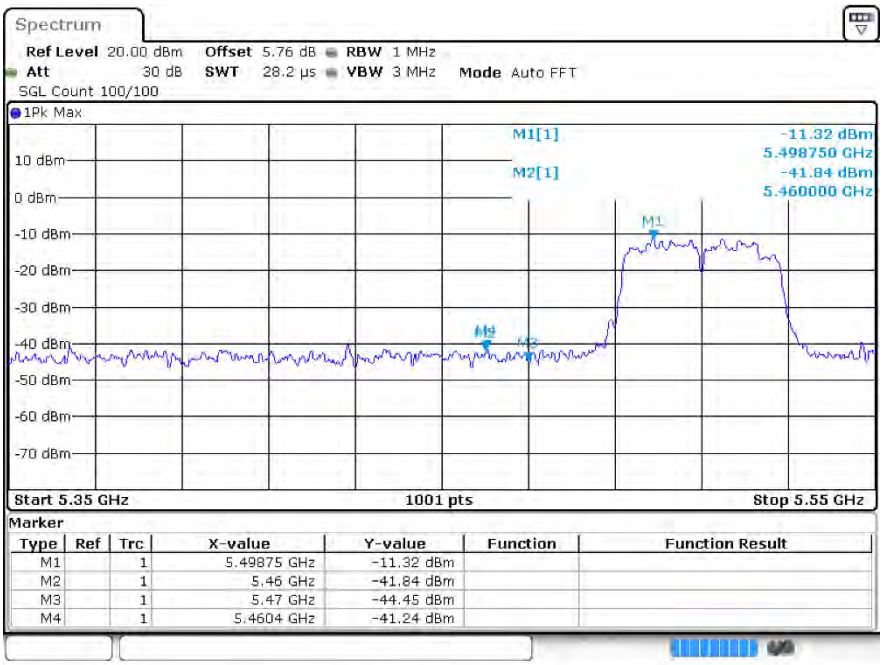
Restrict Bandn40 5310MHz Ant1 Peak



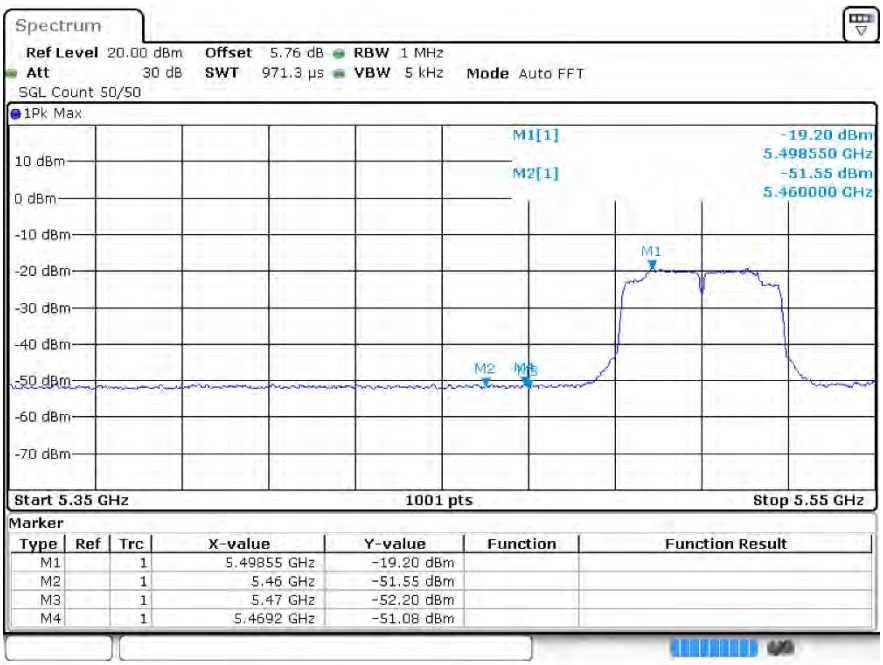
Restrict Band n40 5310MHz Ant1 Average



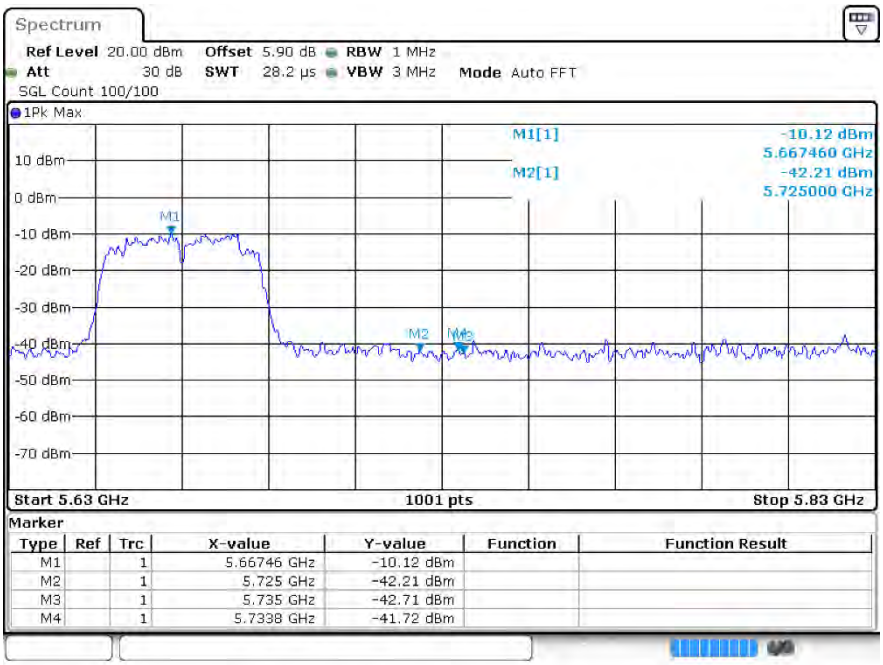
Restrict Bandn40 5510MHz Ant1 Peak



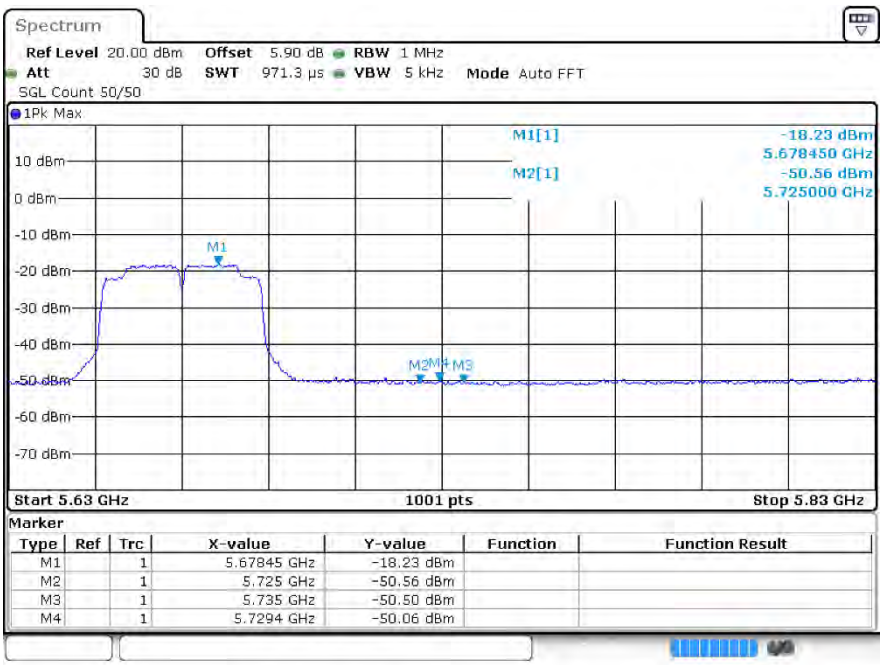
Restrict Band n40 5510MHz Ant1 Average



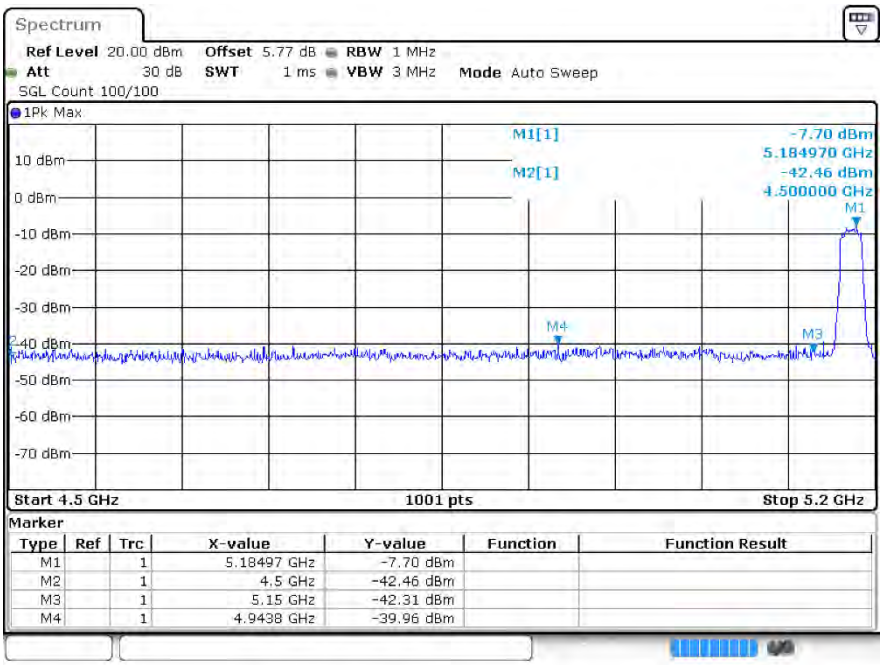
Restrict Bandn40 5670MHz Ant1 Peak



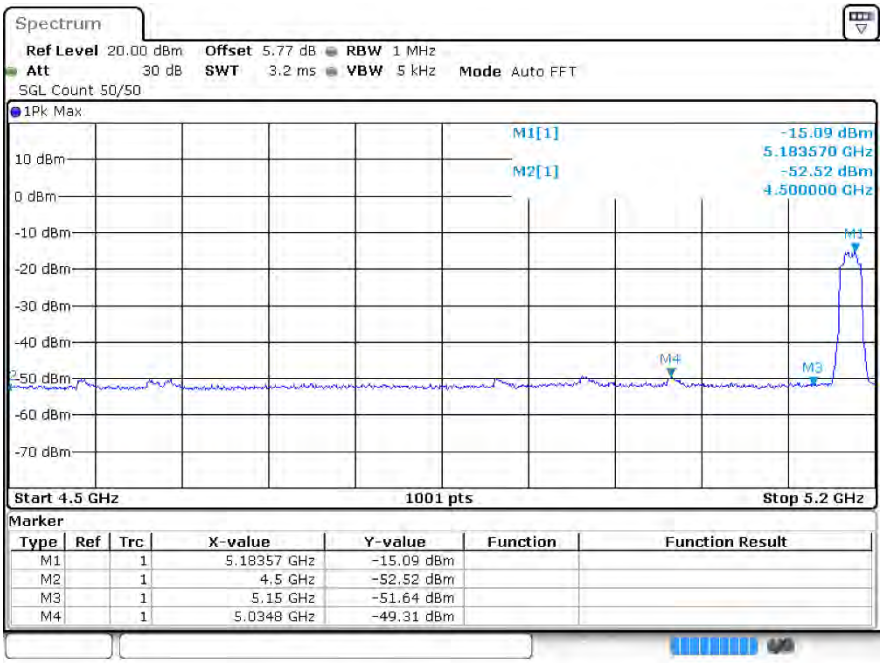
Restrict Band n40 5670MHz Ant1 Average



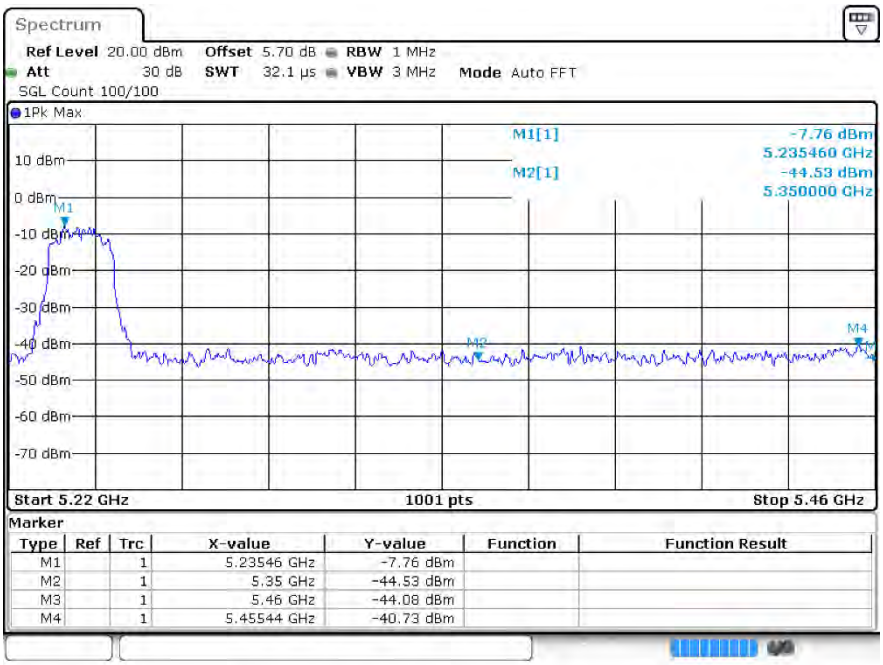
Restrict Bandac20 5180MHz Ant1 Peak



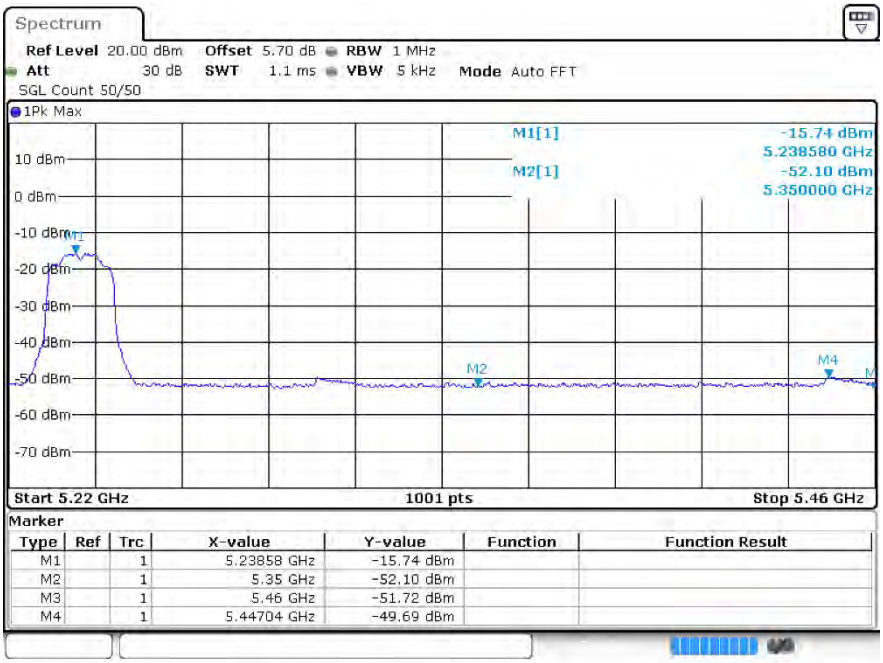
Restrict Band ac20 5180MHz Ant1 Average



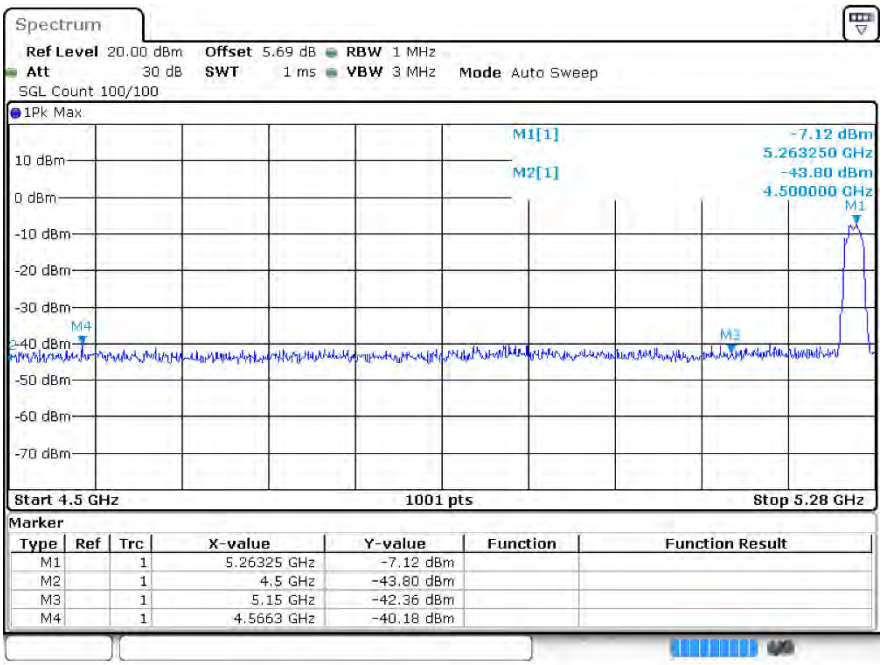
Restrict Bandac20 5240MHz Ant1 Peak



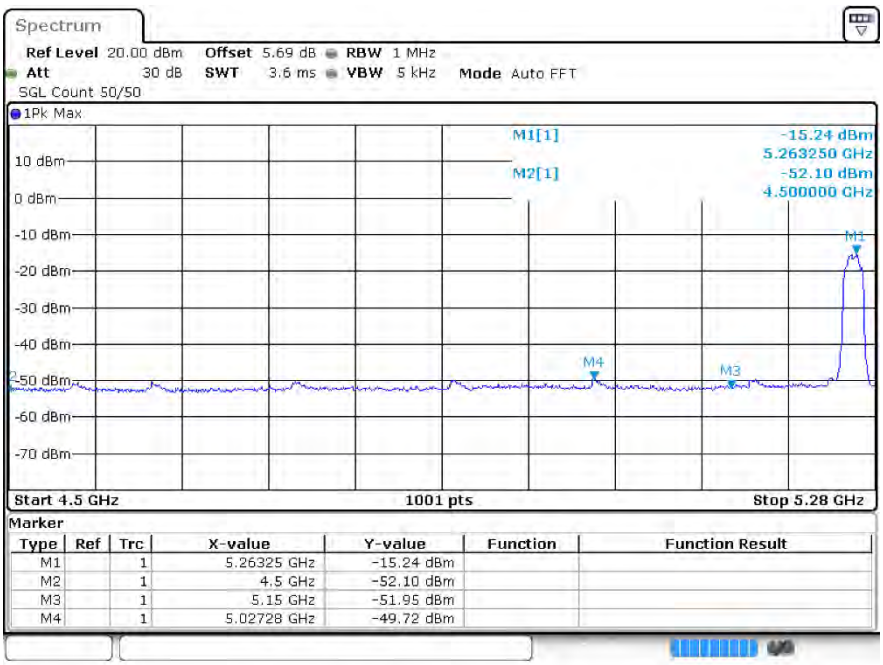
Restrict Band ac20 5240MHz Ant1 Average



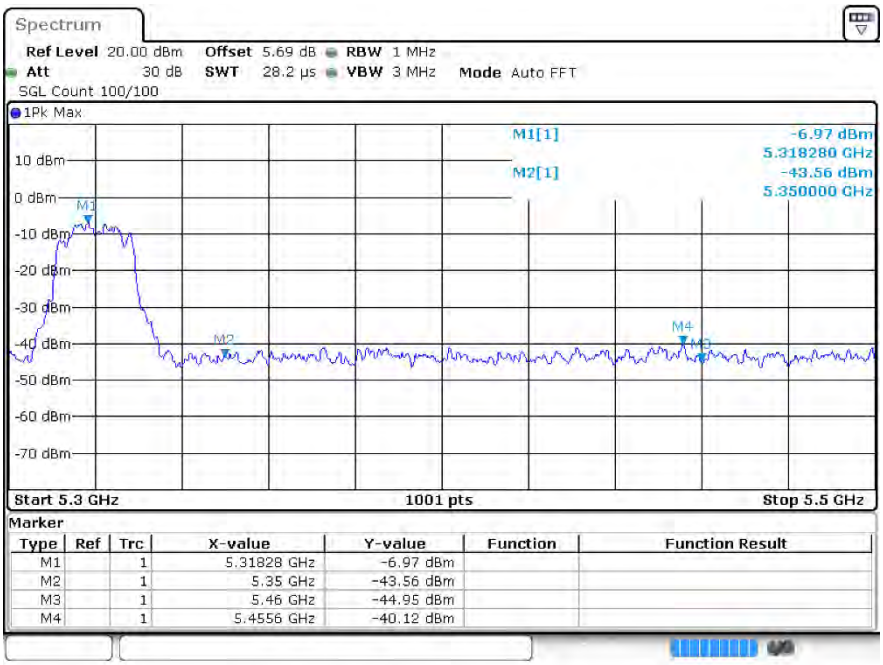
Restrict Bandac20 5260MHz Ant1 Peak



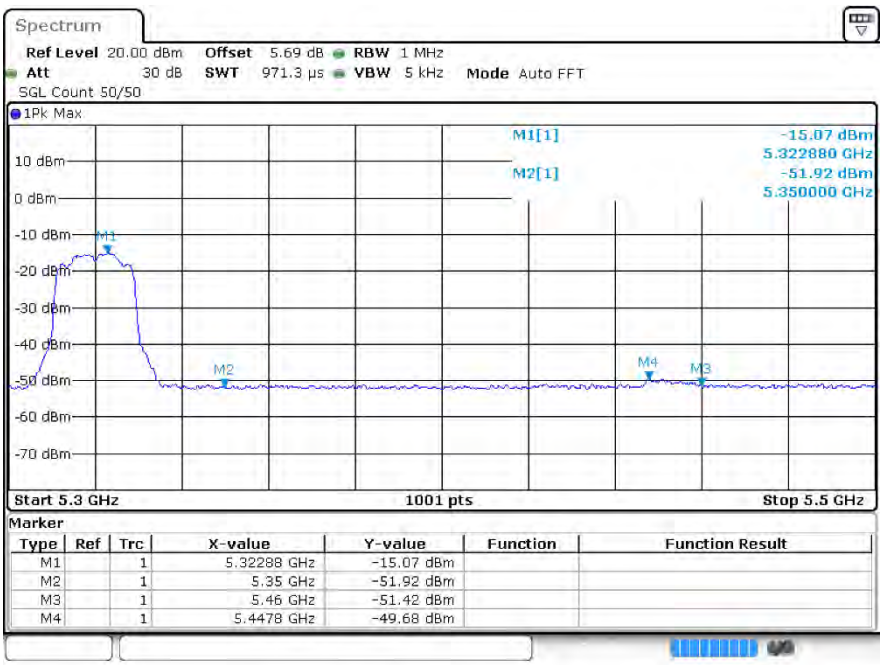
Restrict Band ac20 5260MHz Ant1 Average



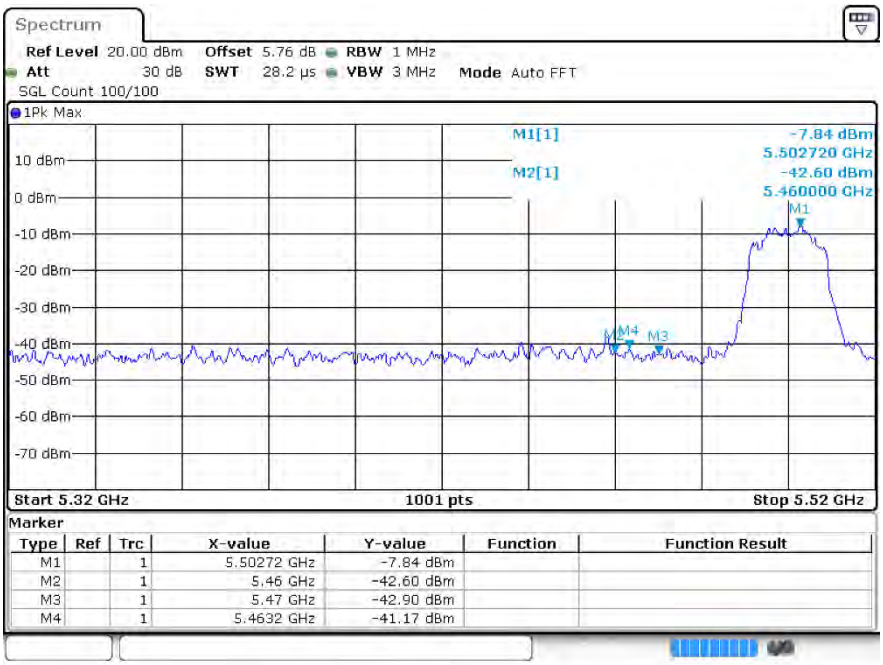
Restrict Bandac20 5320MHz Ant1 Peak



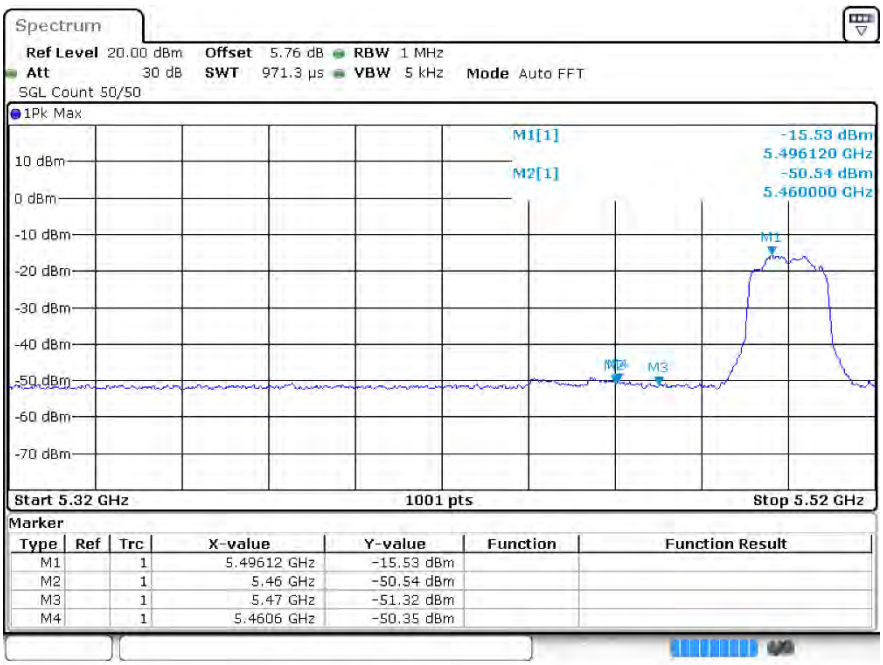
Restrict Band ac20 5320MHz Ant1 Average



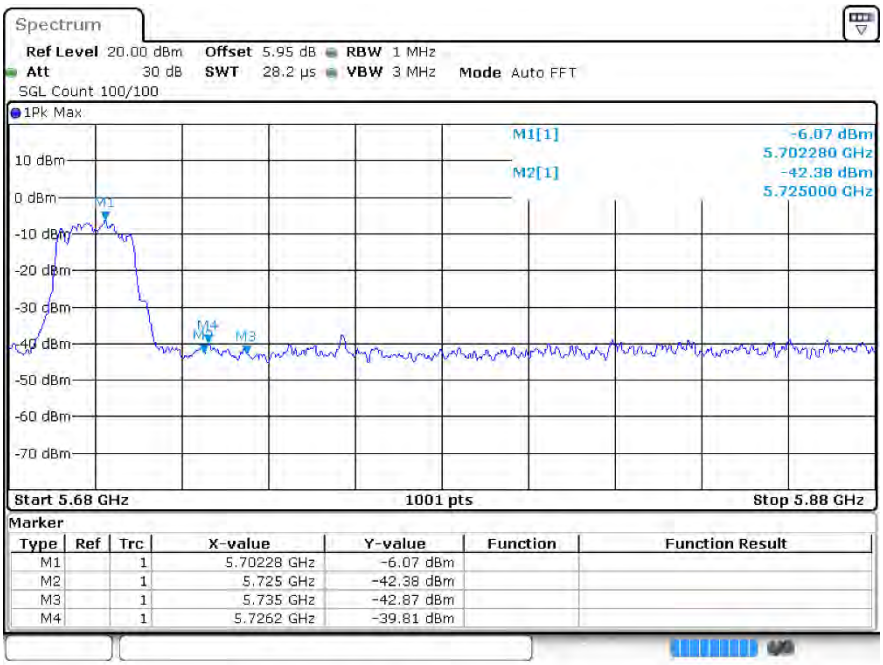
Restrict Bandac20 5500MHz Ant1 Peak



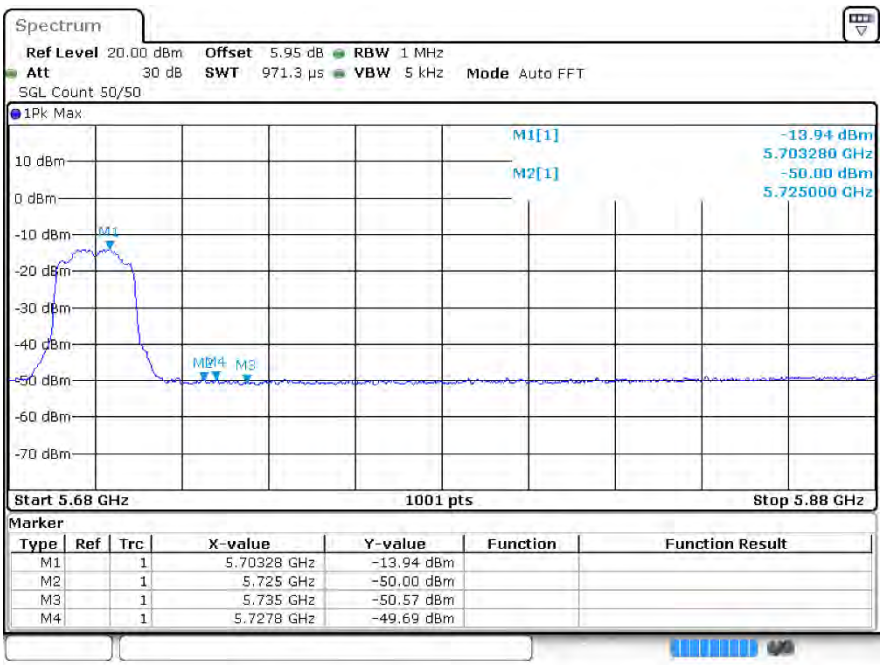
Restrict Band ac20 5500MHz Ant1 Average



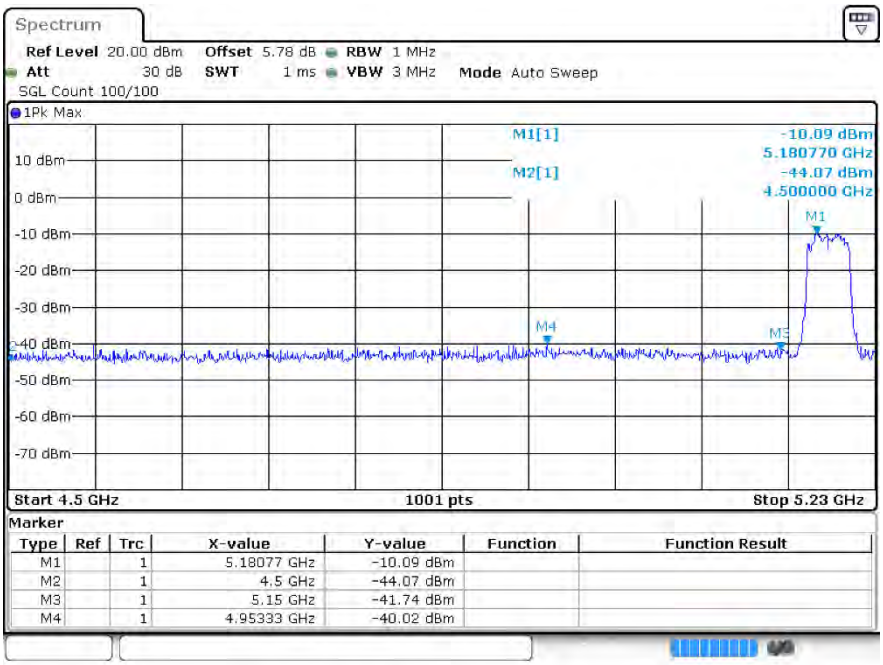
Restrict Bandac20 5700MHz Ant1 Peak



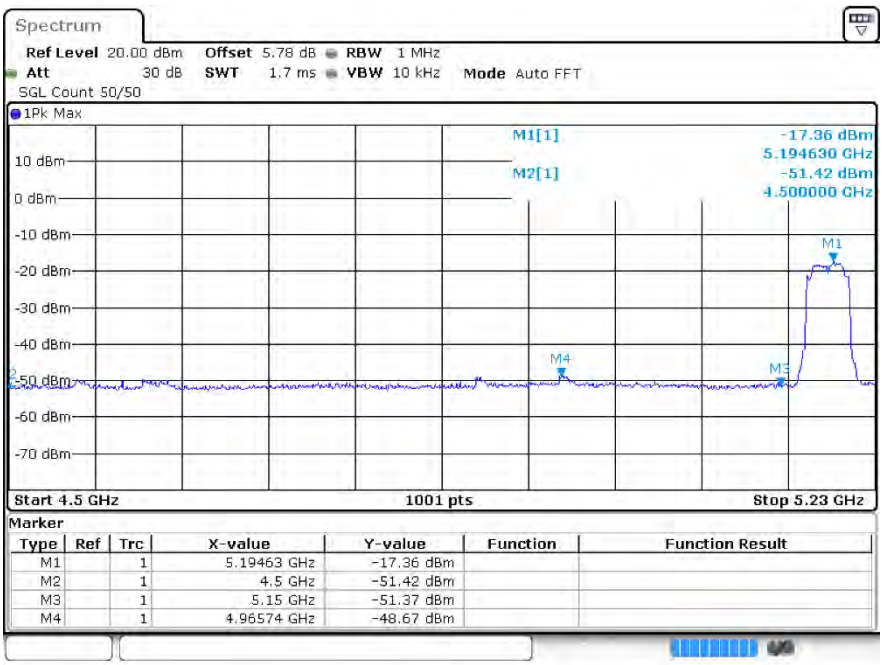
Restrict Band ac20 5700MHz Ant1 Average



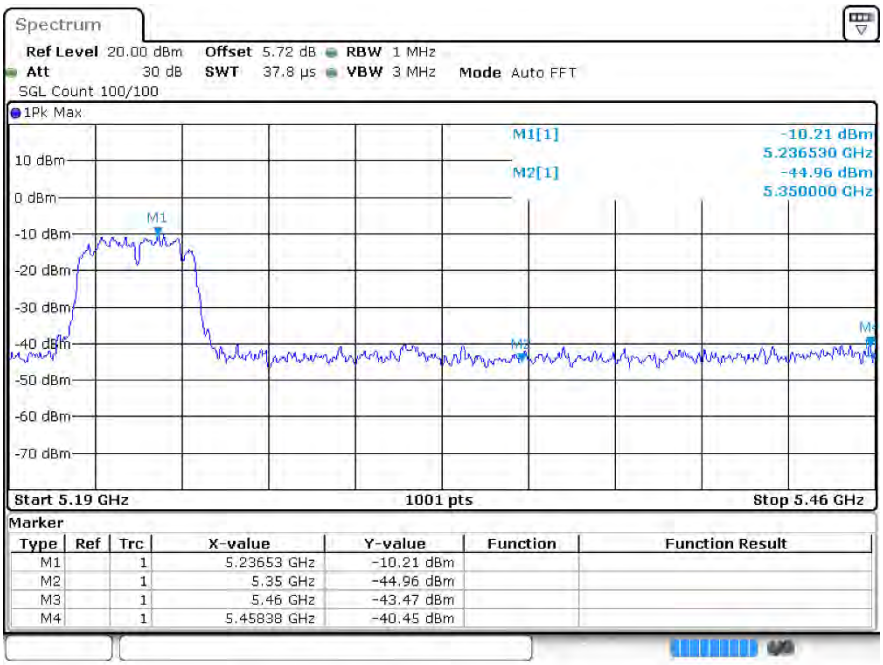
Restrict Bandac40 5190MHz Ant1 Peak



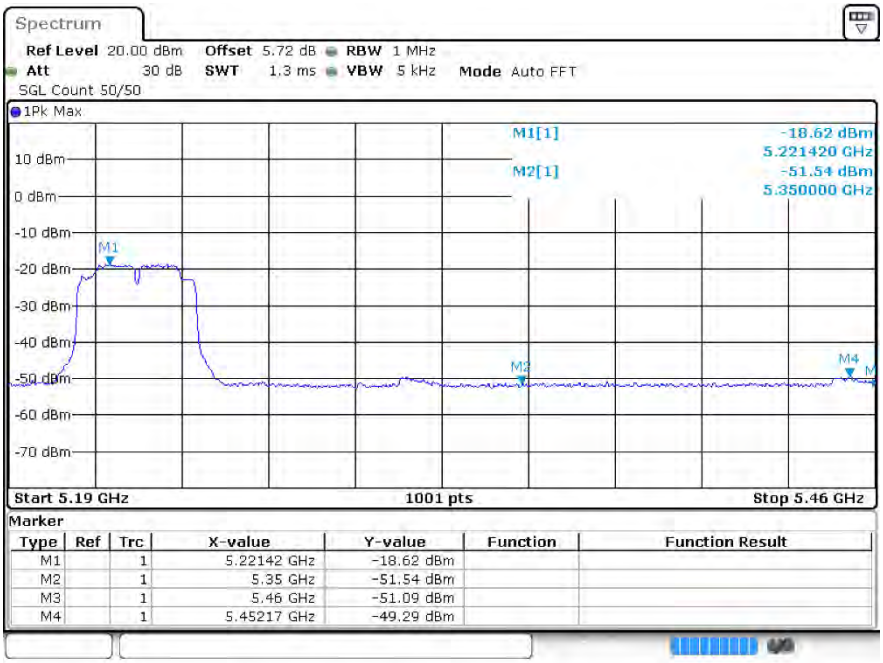
Restrict Band ac40 5190MHz Ant1 Average



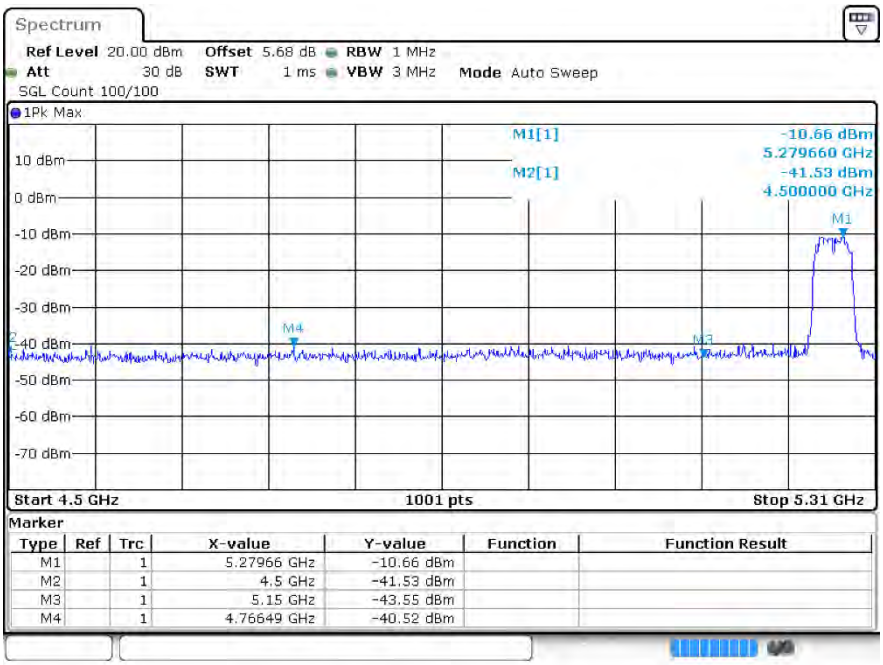
Restrict Bandac40 5230MHz Ant1 Peak



Restrict Band ac40 5230MHz Ant1 Average



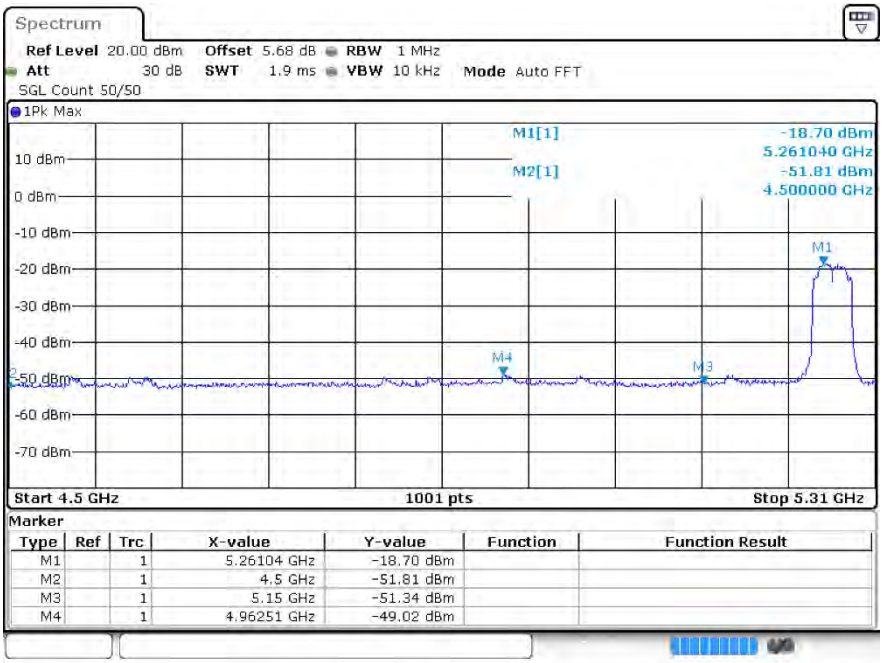
Restrict Bandac40 5270MHz Ant1 Peak



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.27966 GHz	-10.66 dBm		
M2		1	4.5 GHz	-41.53 dBm		
M3		1	5.15 GHz	-43.55 dBm		
M4		1	4.76649 GHz	-40.52 dBm		

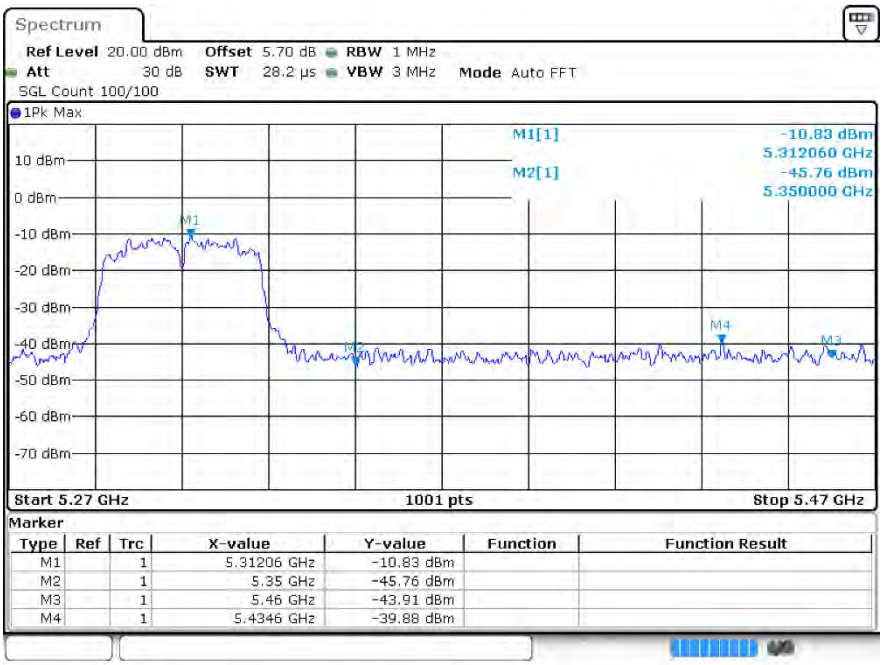
Restrict Band ac40 5270MHz Ant1 Average



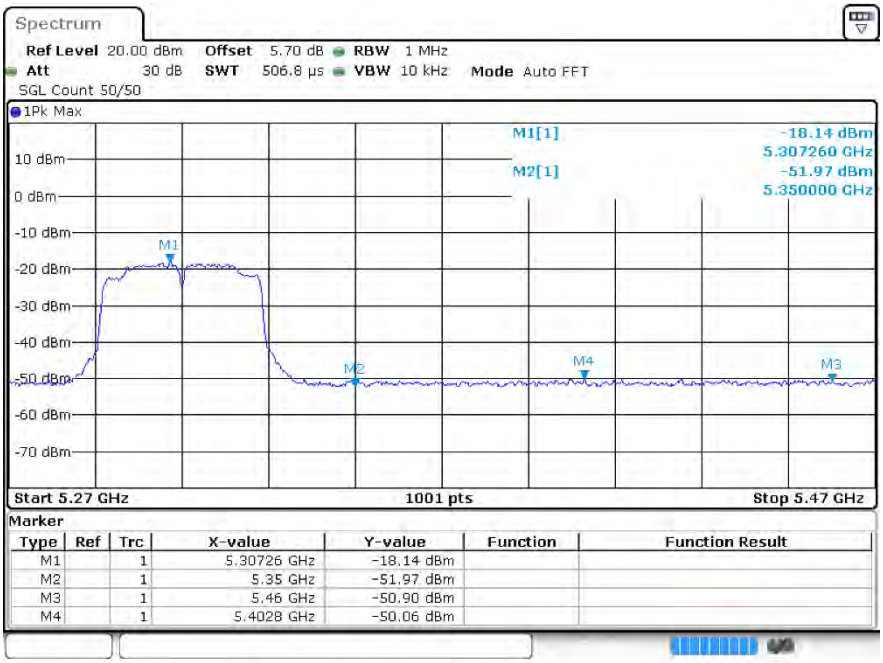
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.26104 GHz	-18.70 dBm		
M2		1	4.5 GHz	-51.81 dBm		
M3		1	5.15 GHz	-51.34 dBm		
M4		1	4.96251 GHz	-49.02 dBm		

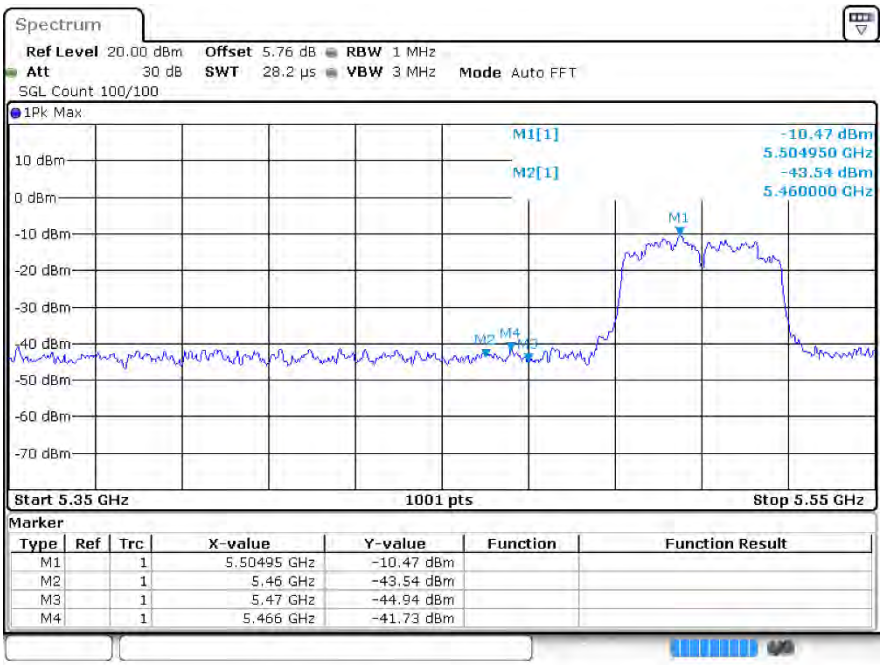
Restrict Bandac40 5310MHz Ant1 Peak



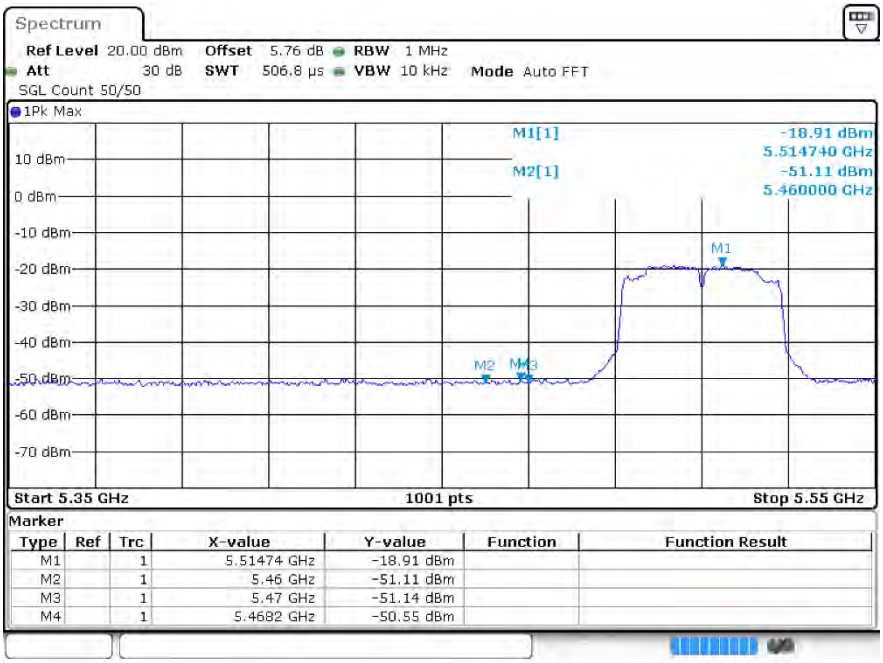
Restrict Band ac40 5310MHz Ant1 Average



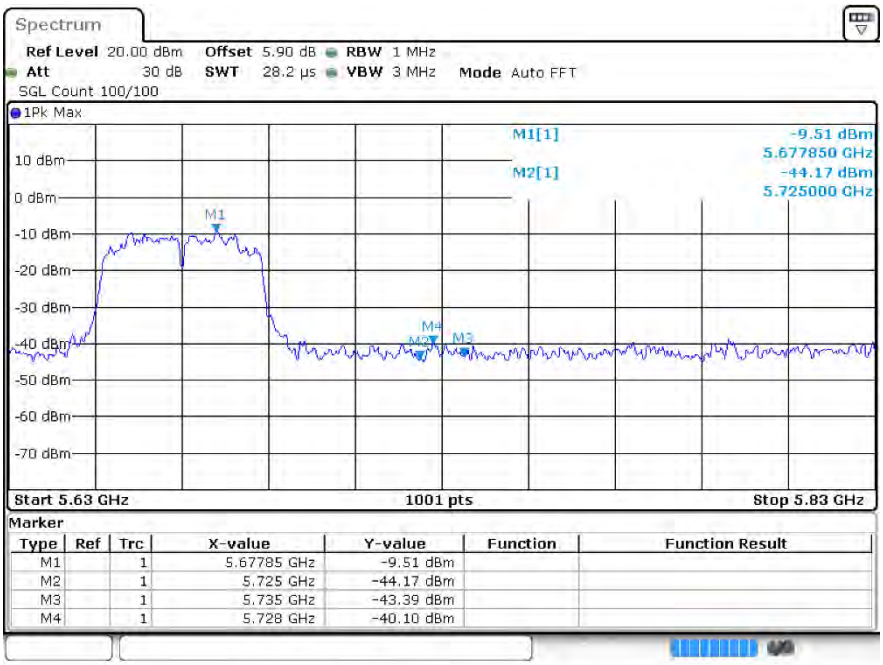
Restrict Bandac40 5510MHz Ant1 Peak



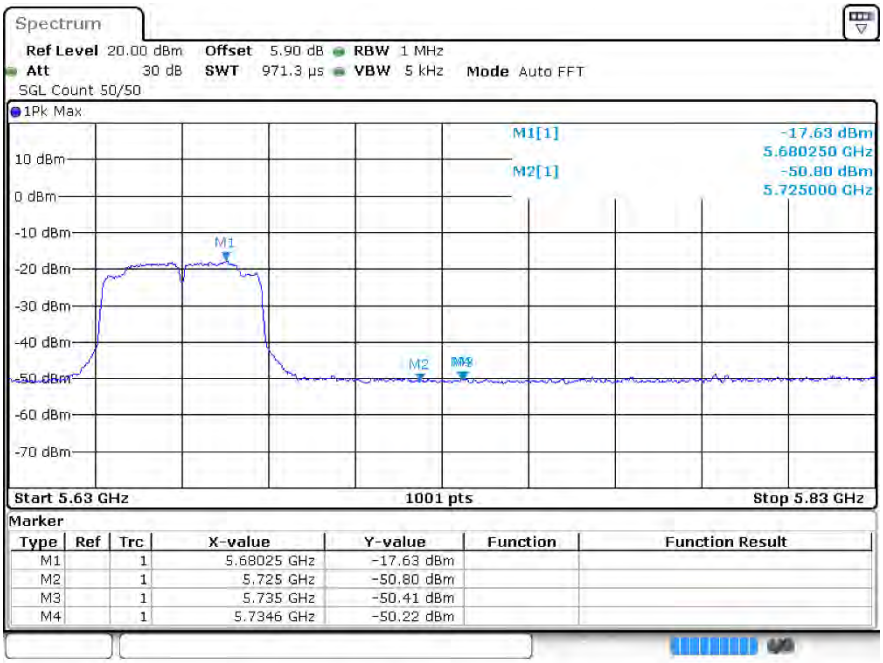
Restrict Band ac40 5510MHz Ant1 Average



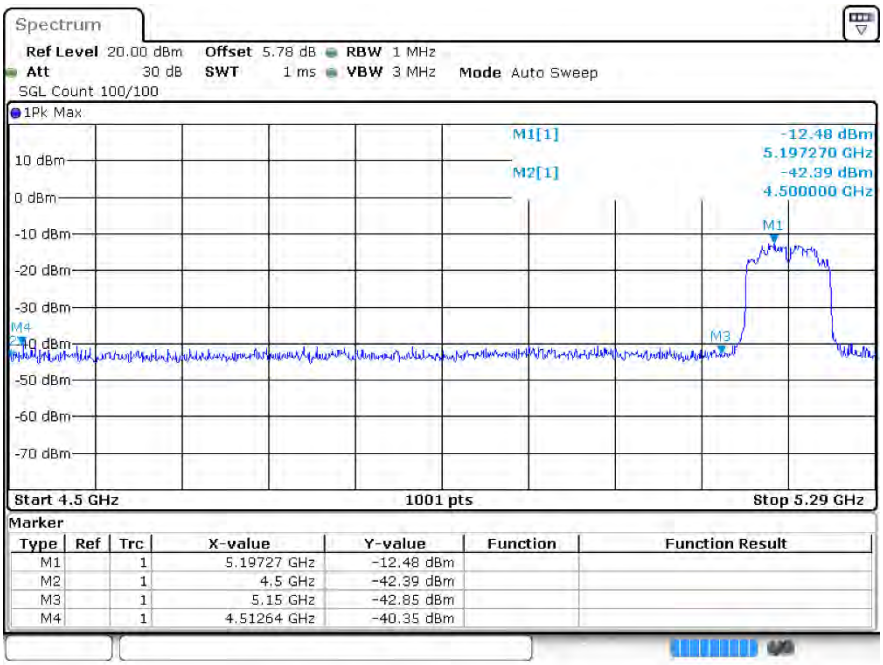
Restrict Bandac40 5670MHz Ant1 Peak



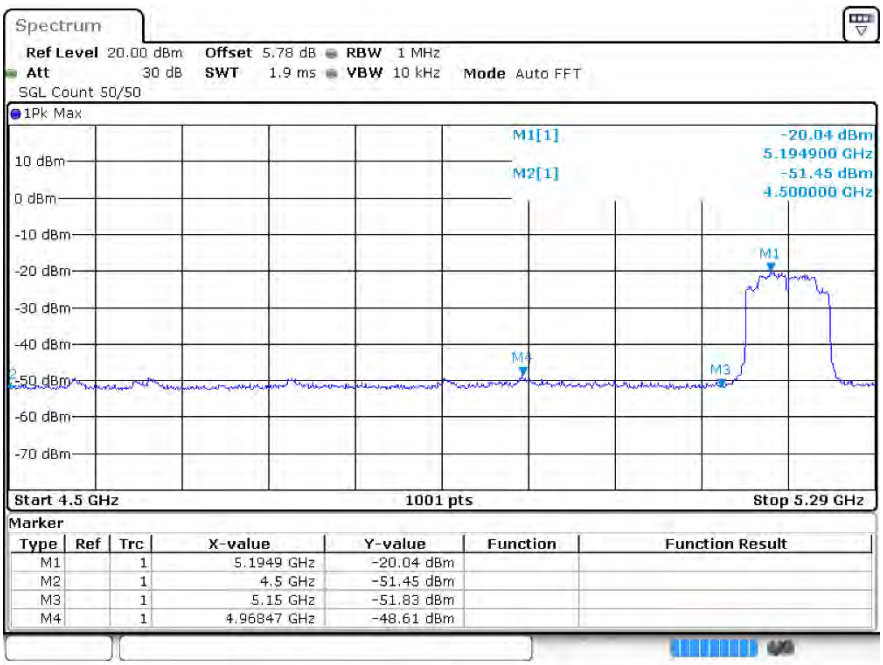
Restrict Band ac40 5670MHz Ant1 Average



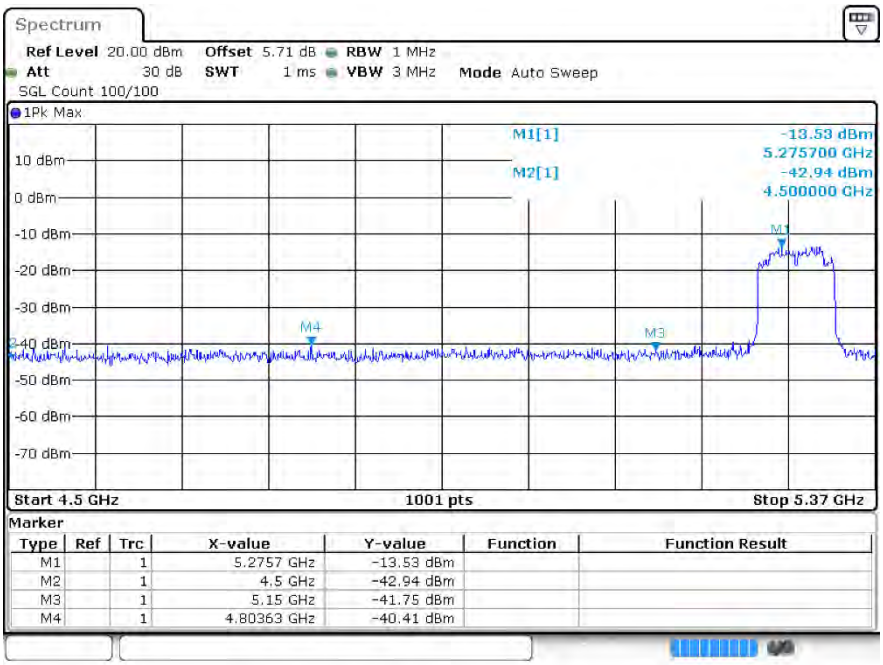
Restrict Bandac80 5210MHz Ant1 Peak



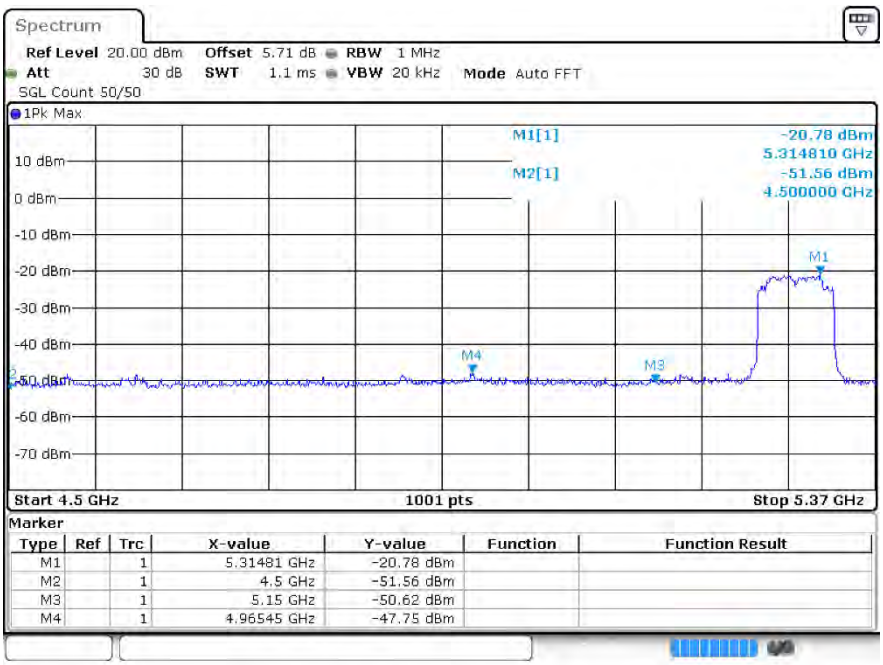
Restrict Band ac80 5210MHz Ant1 Average



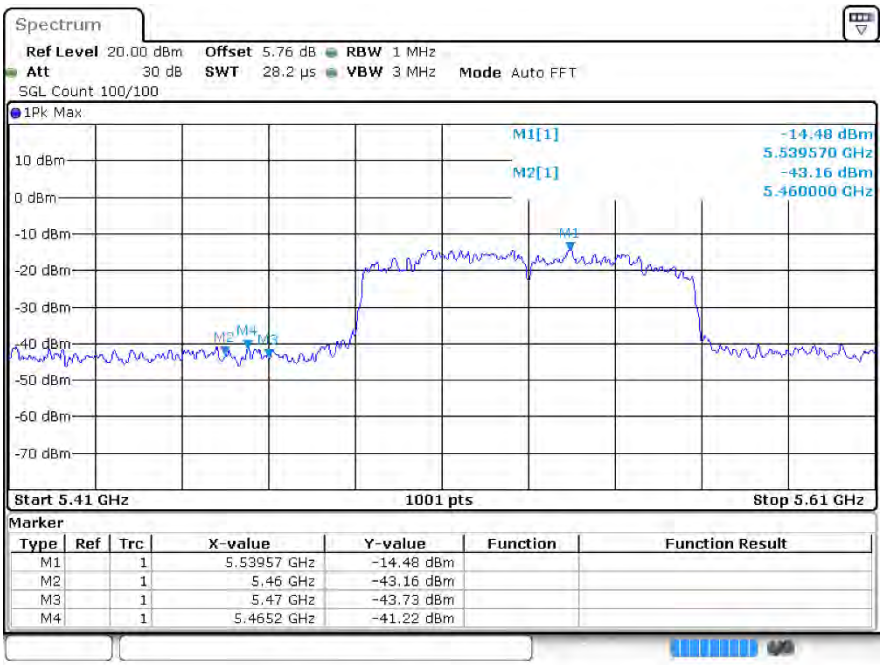
Restrict Bandac80 5290MHz Ant1 Peak



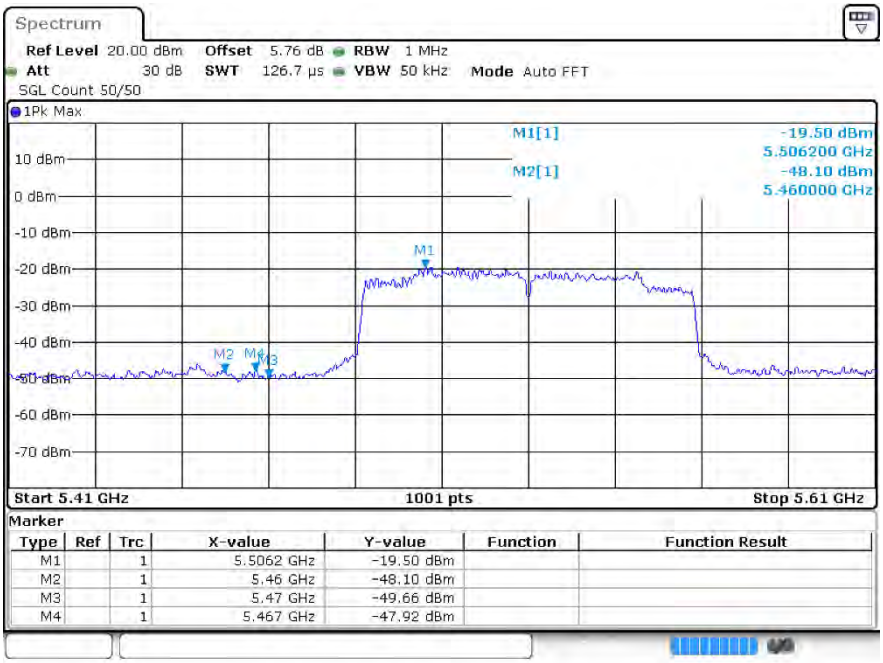
Restrict Band ac80 5290MHz Ant1 Average



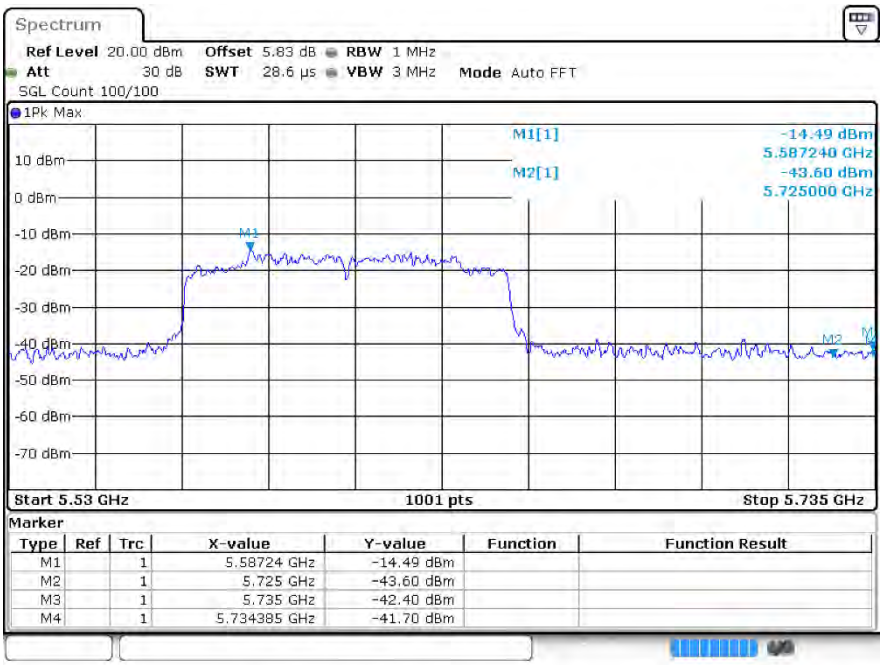
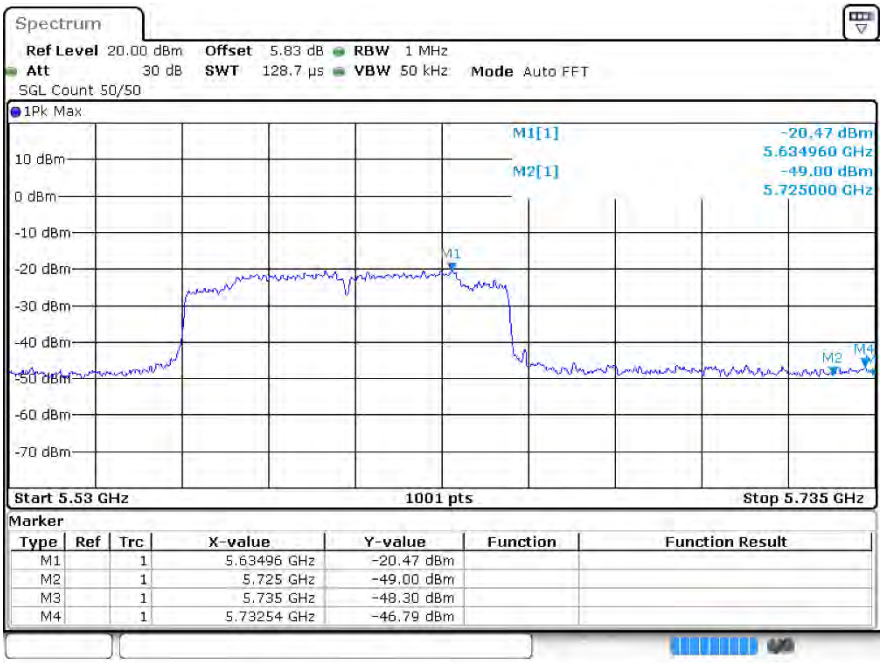
Restrict Bandac80 5530MHz Ant1 Peak



Restrict Band ac80 5530MHz Ant1 Average



Restrict Bandac80 5610MHz Ant1 Peak



Restrict Band ac80 5610MHz Ant1 Average