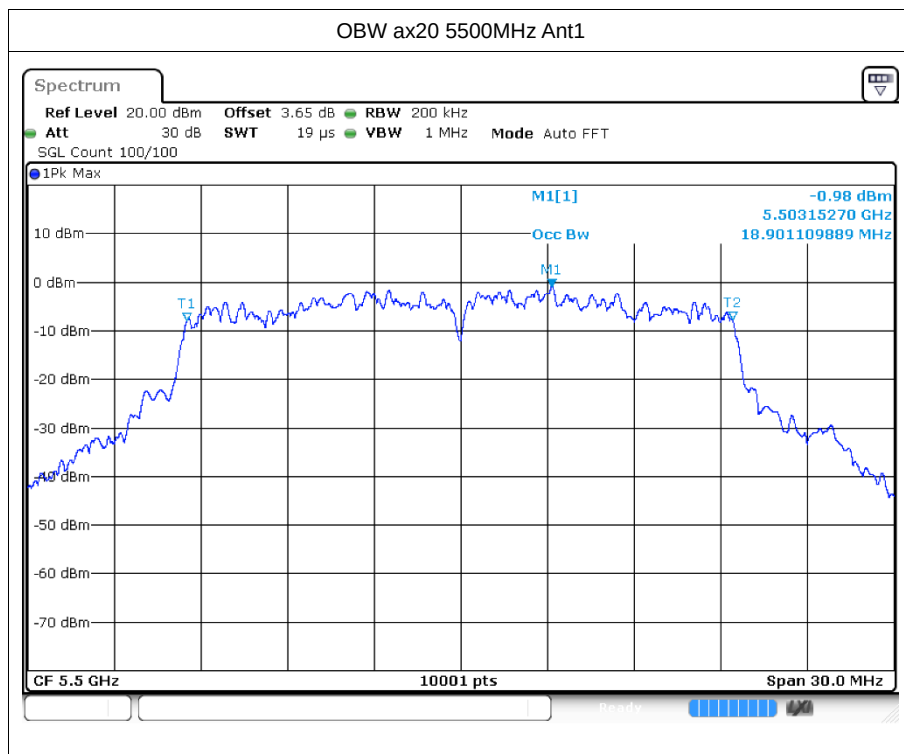
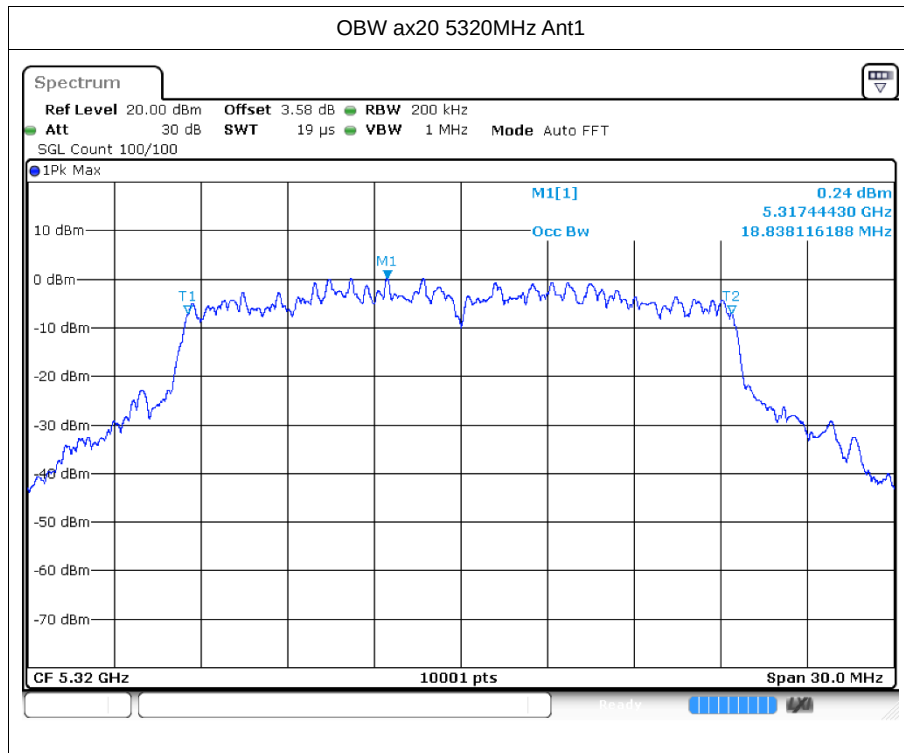
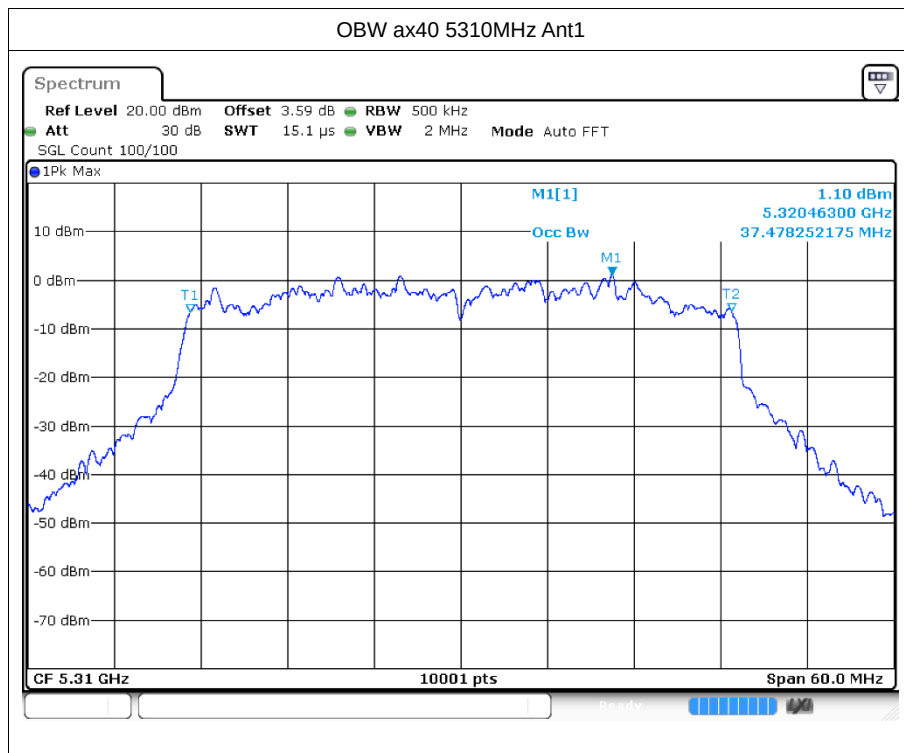
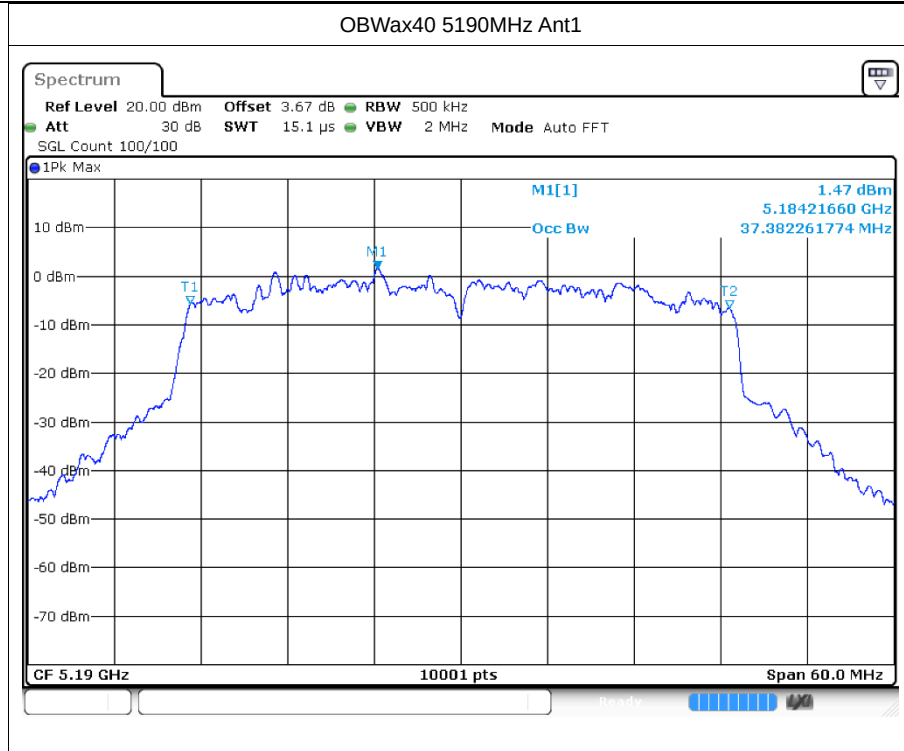
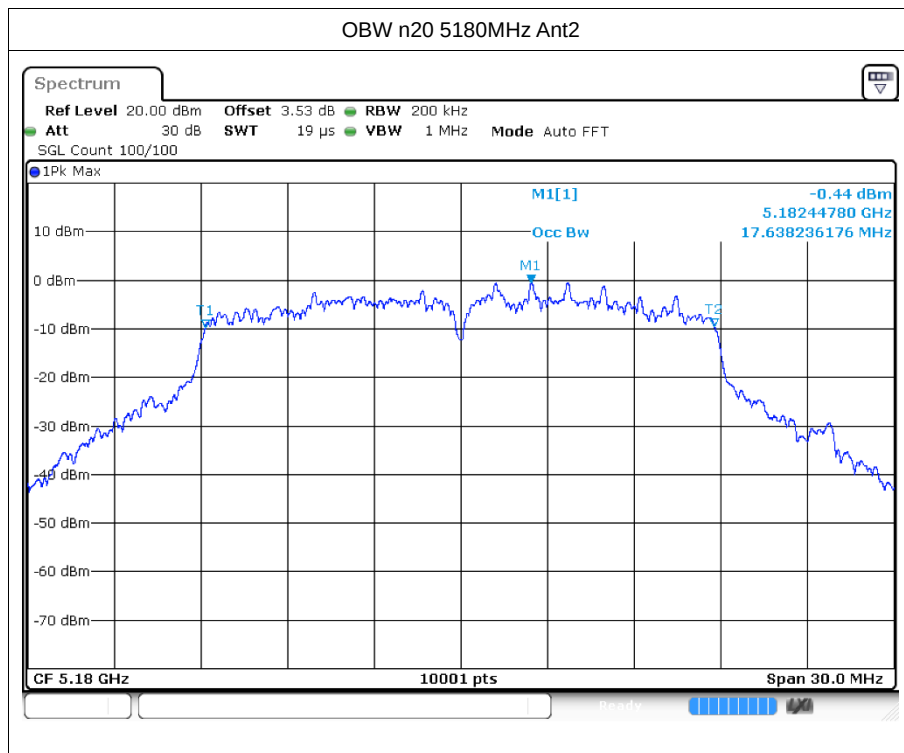
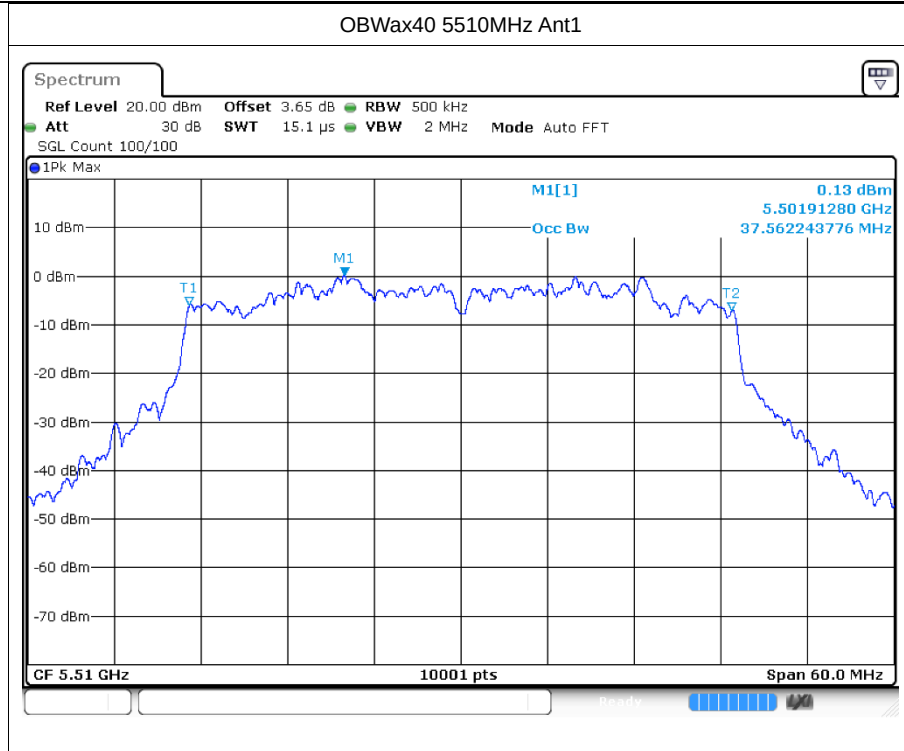
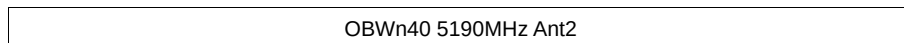
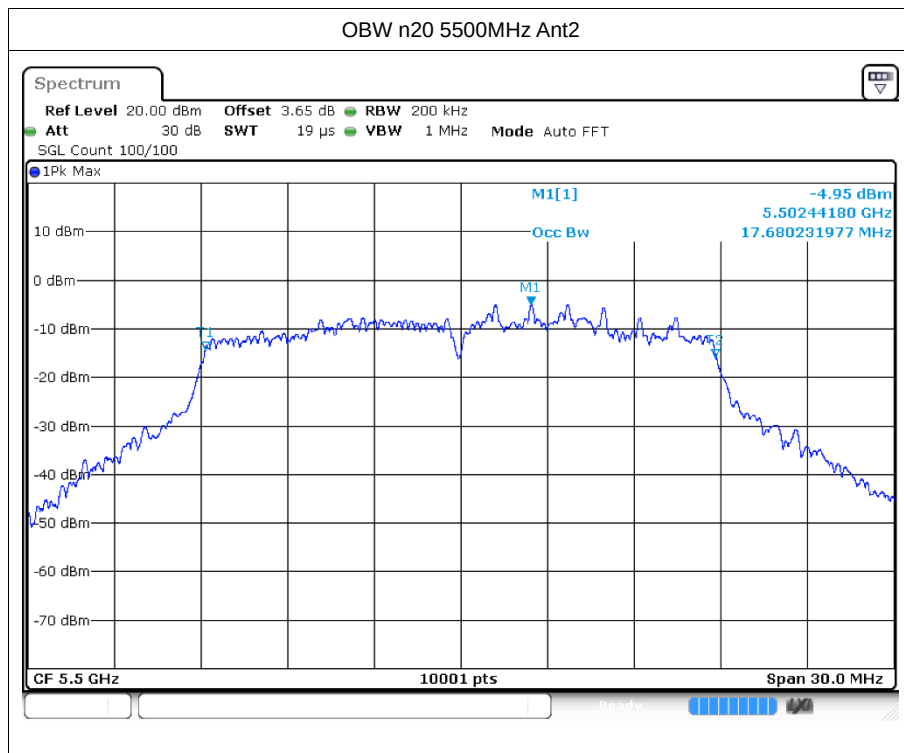
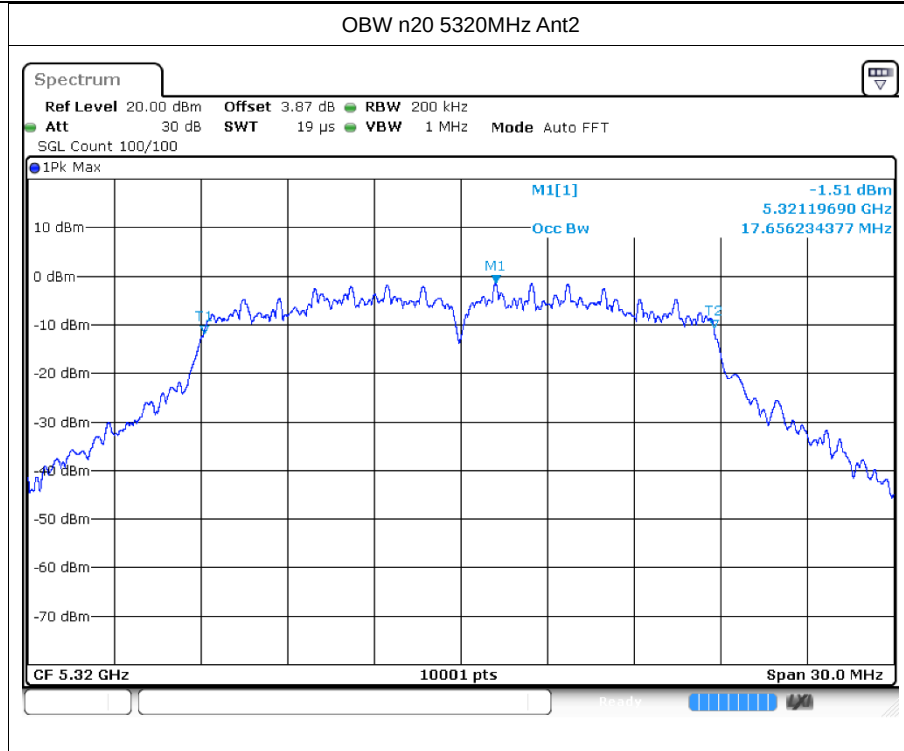
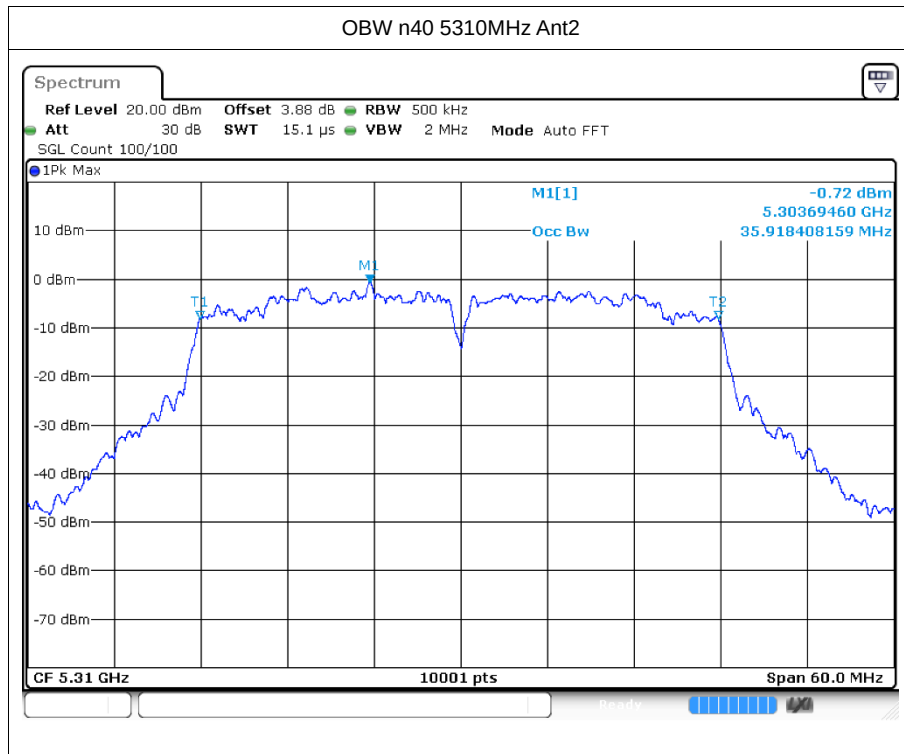
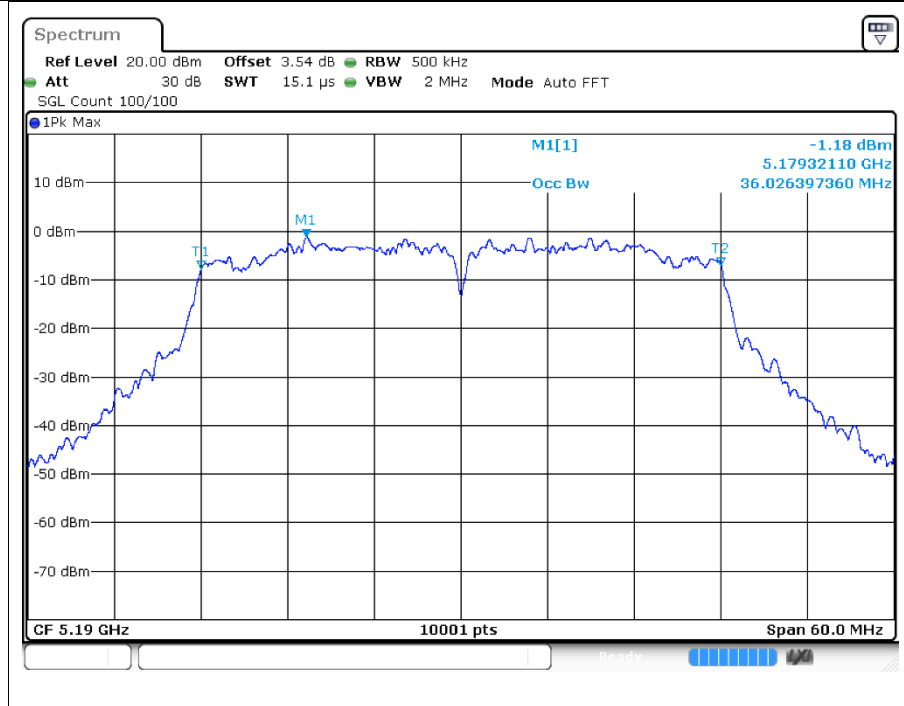


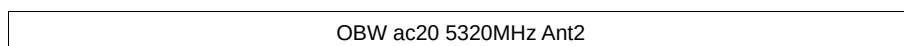
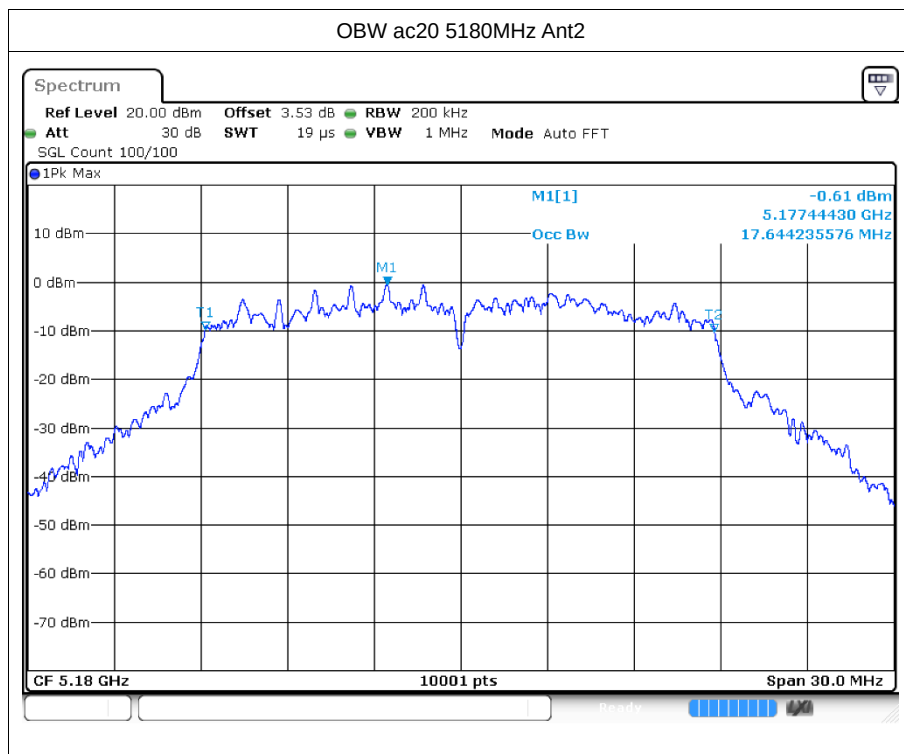
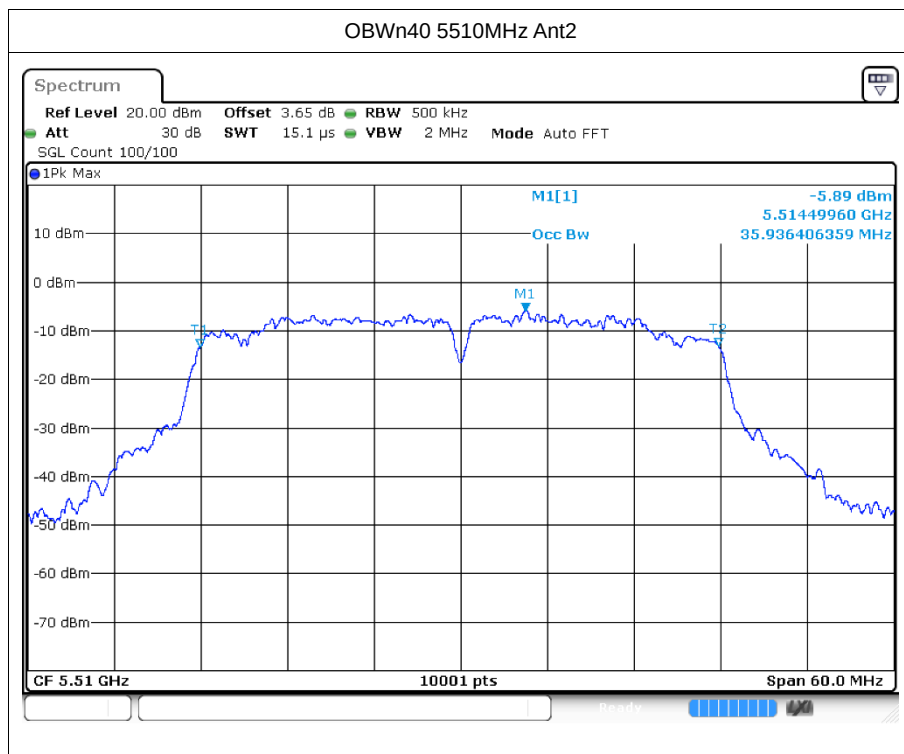


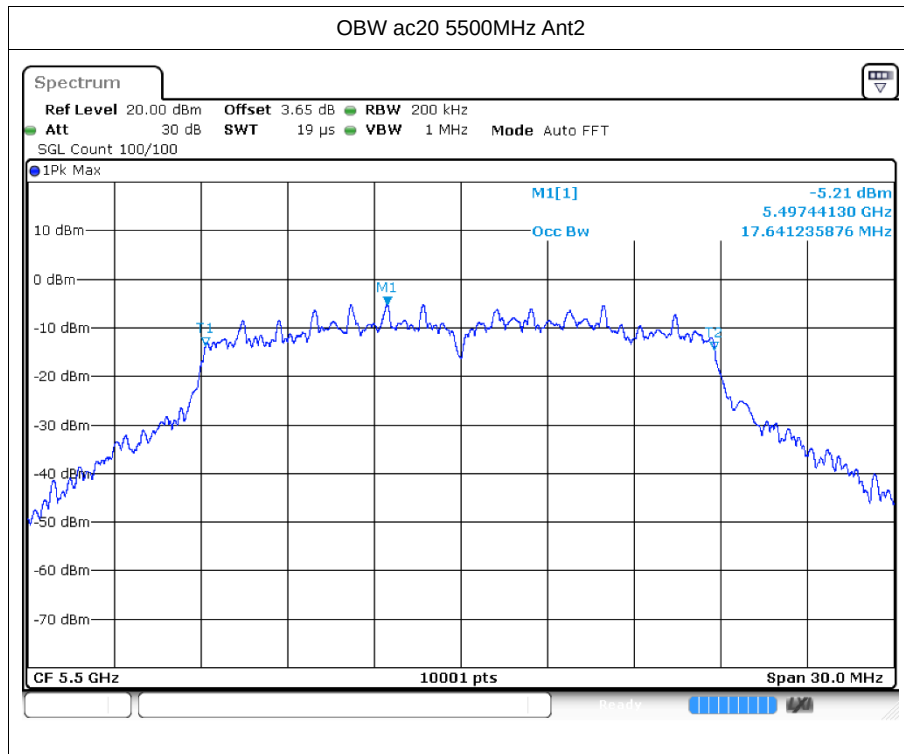
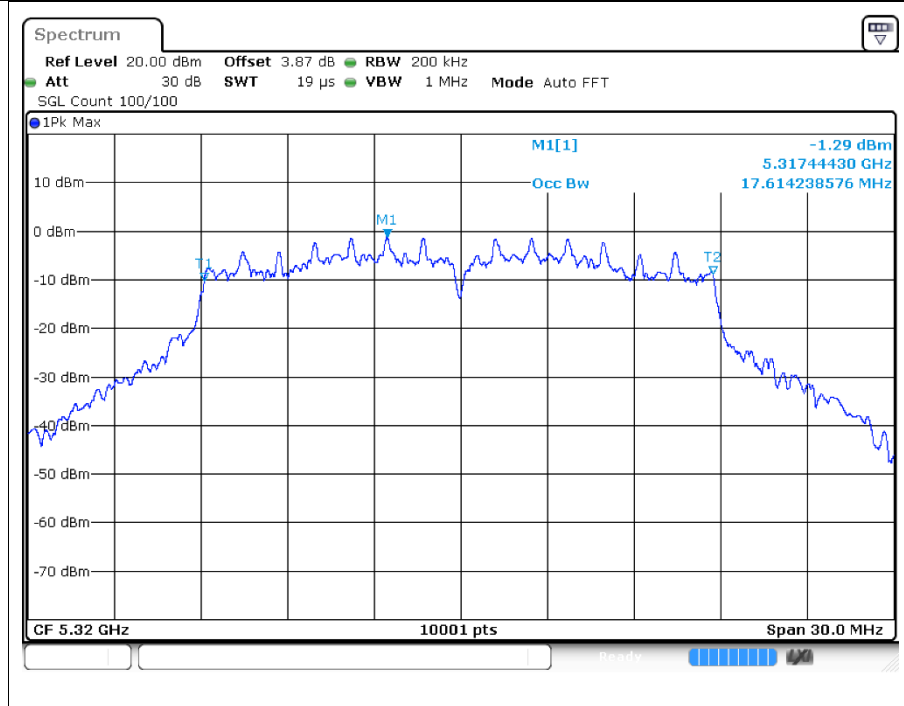


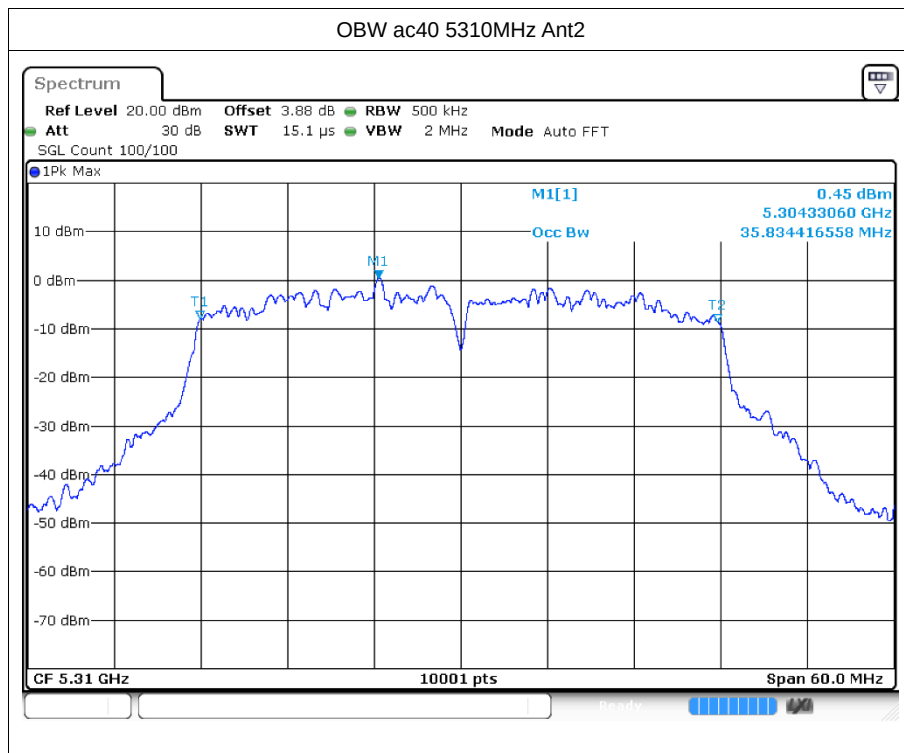
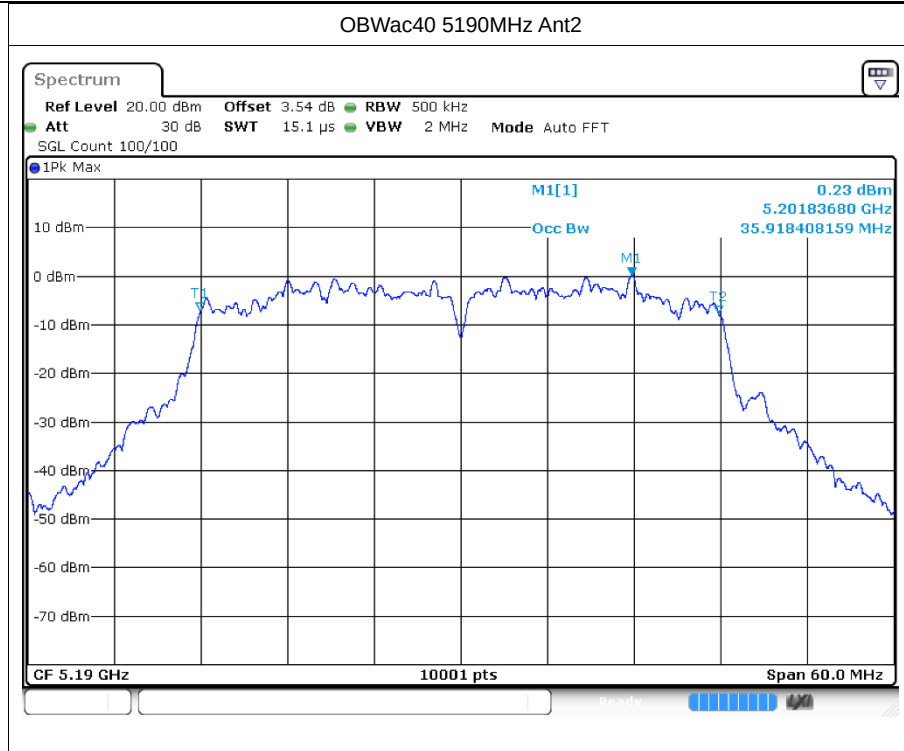


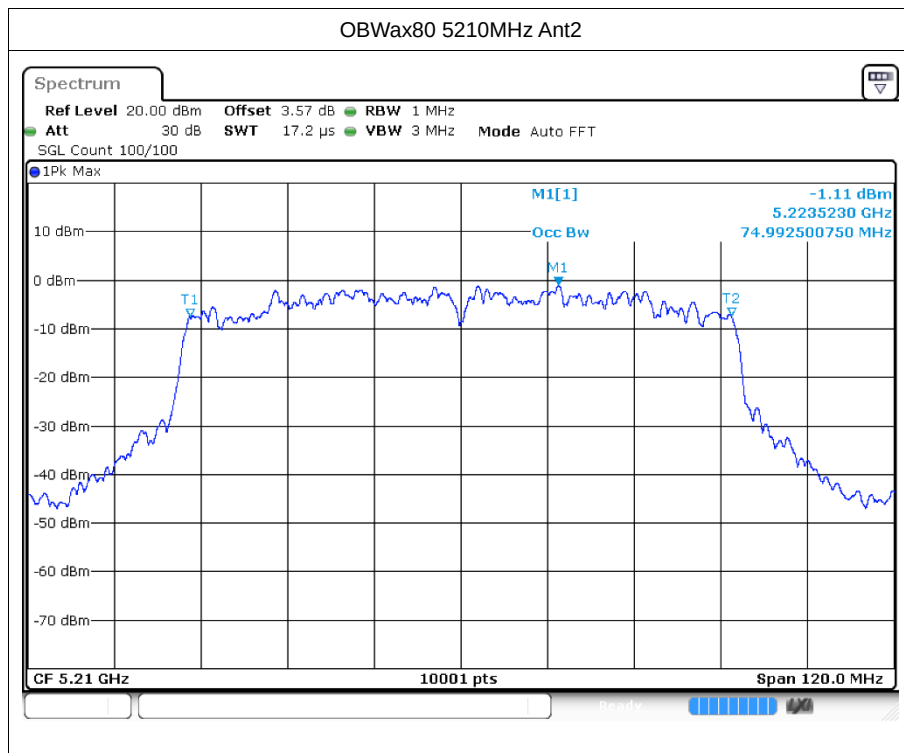
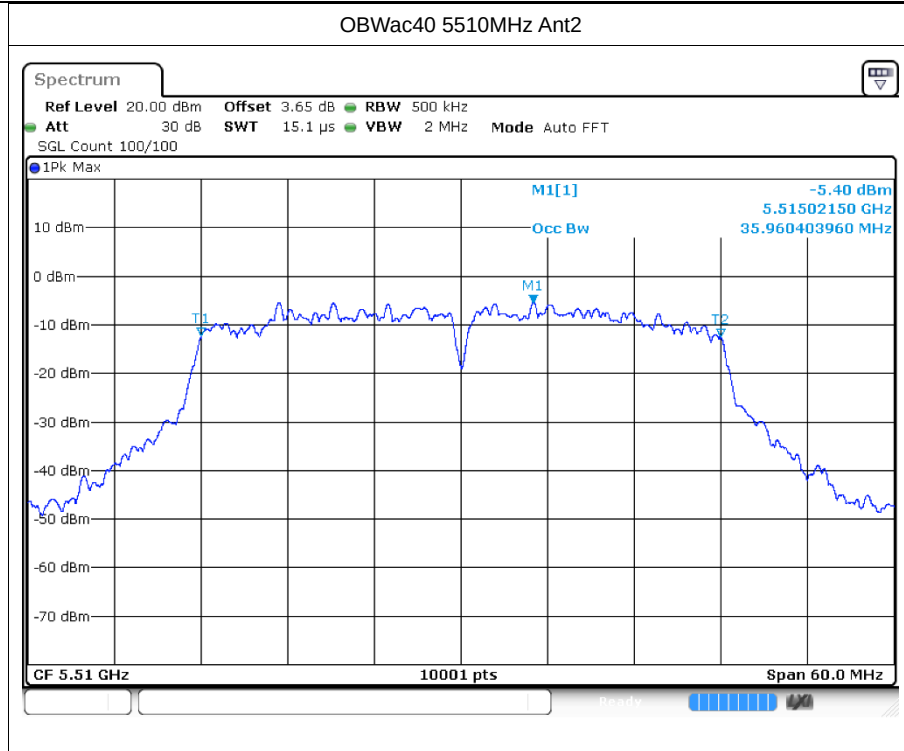


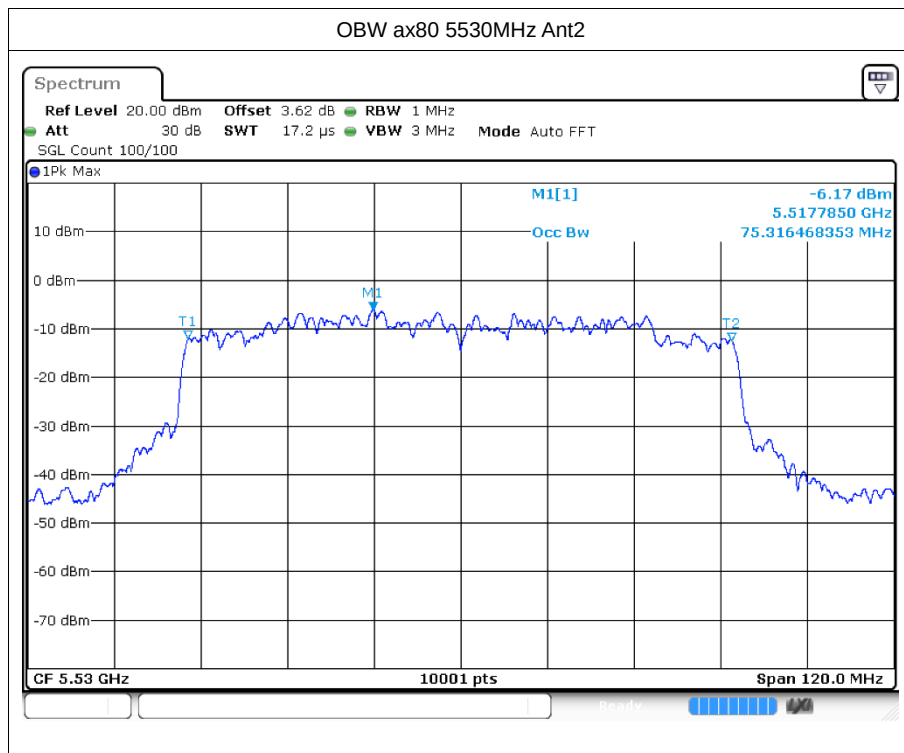
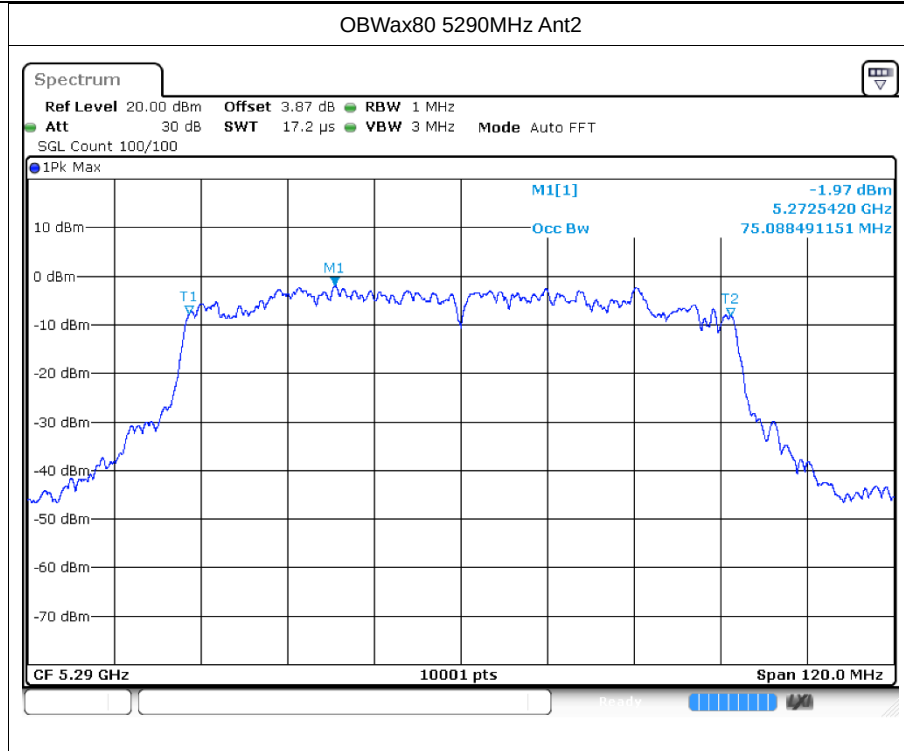


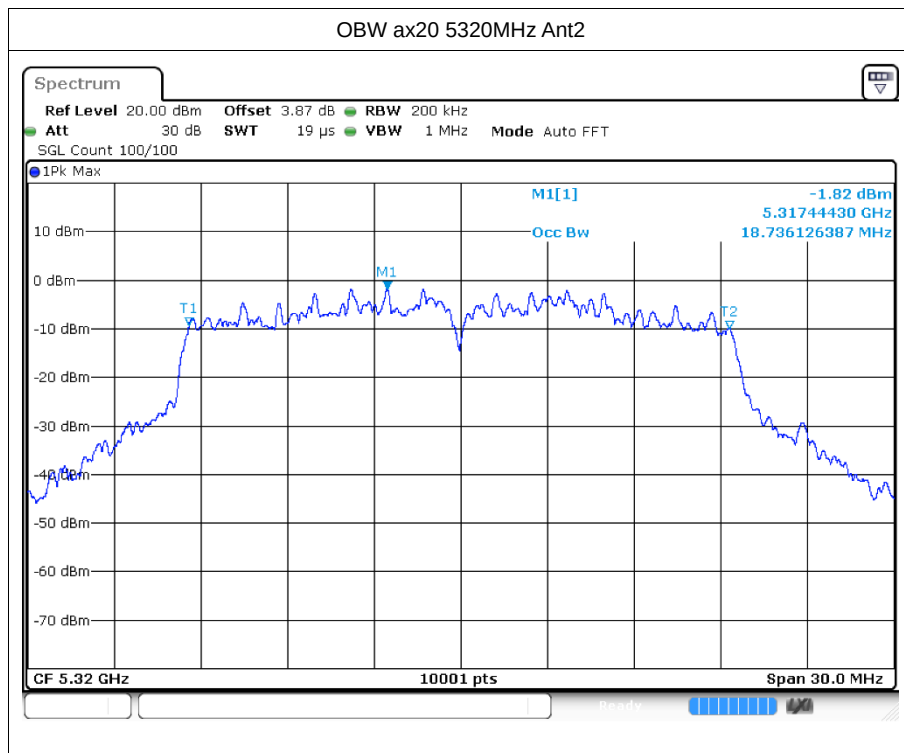
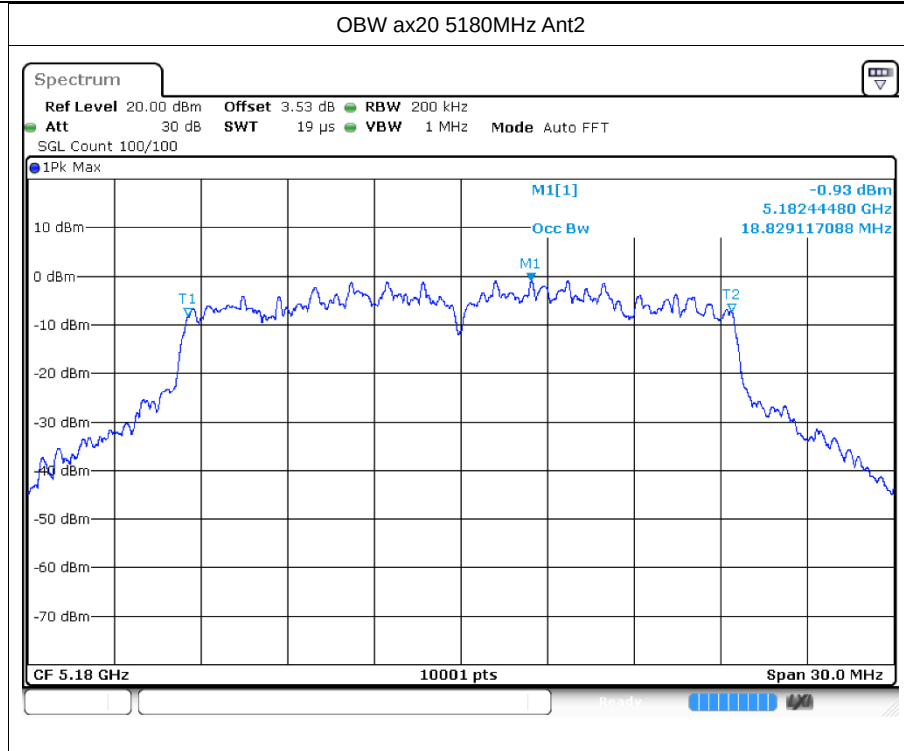


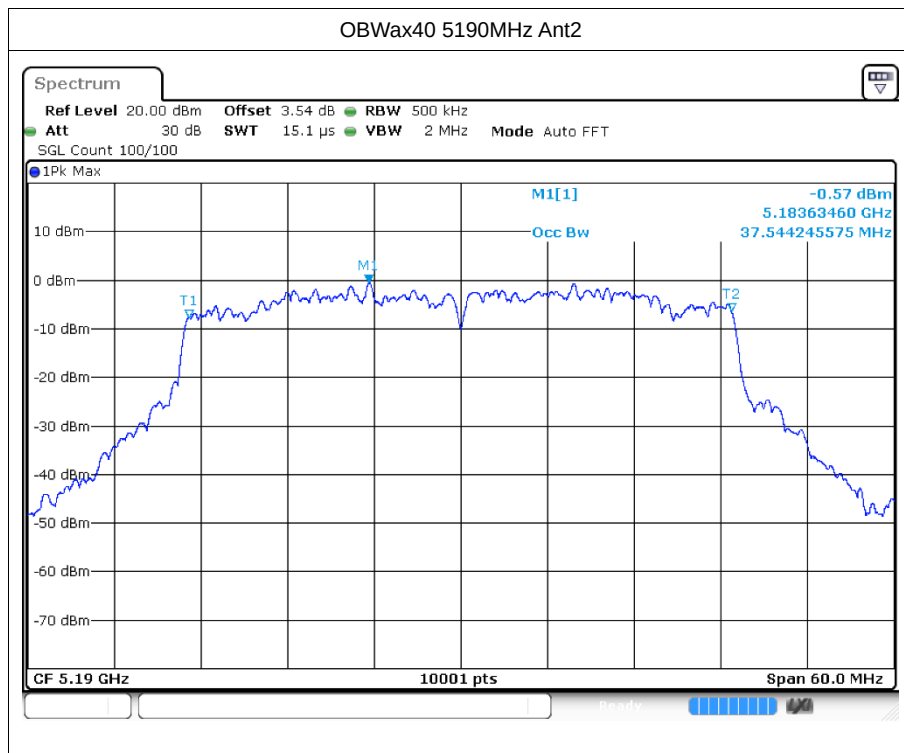
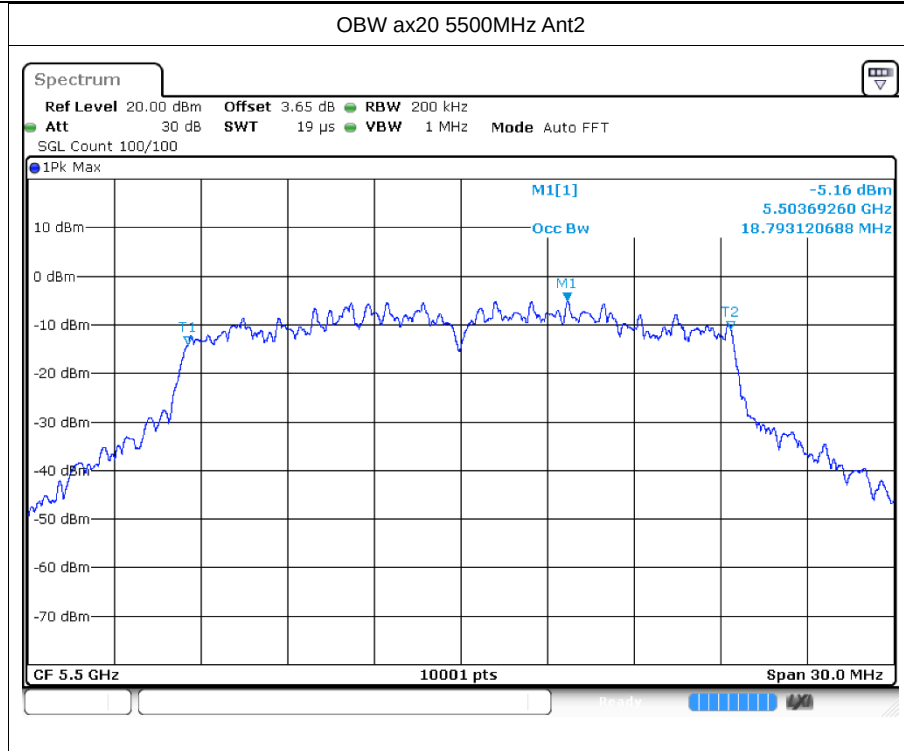


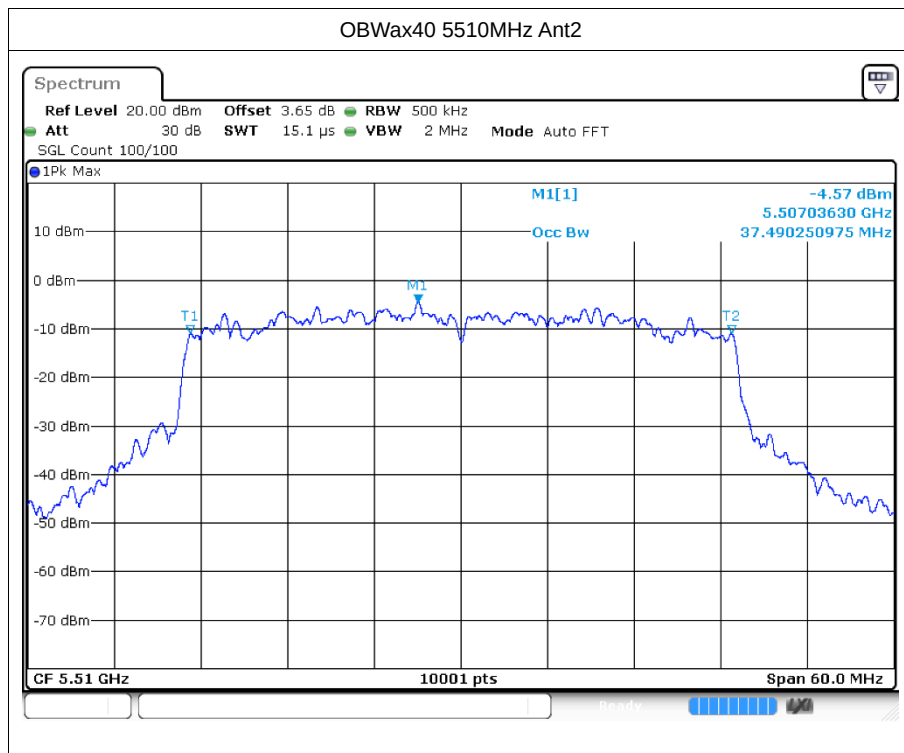
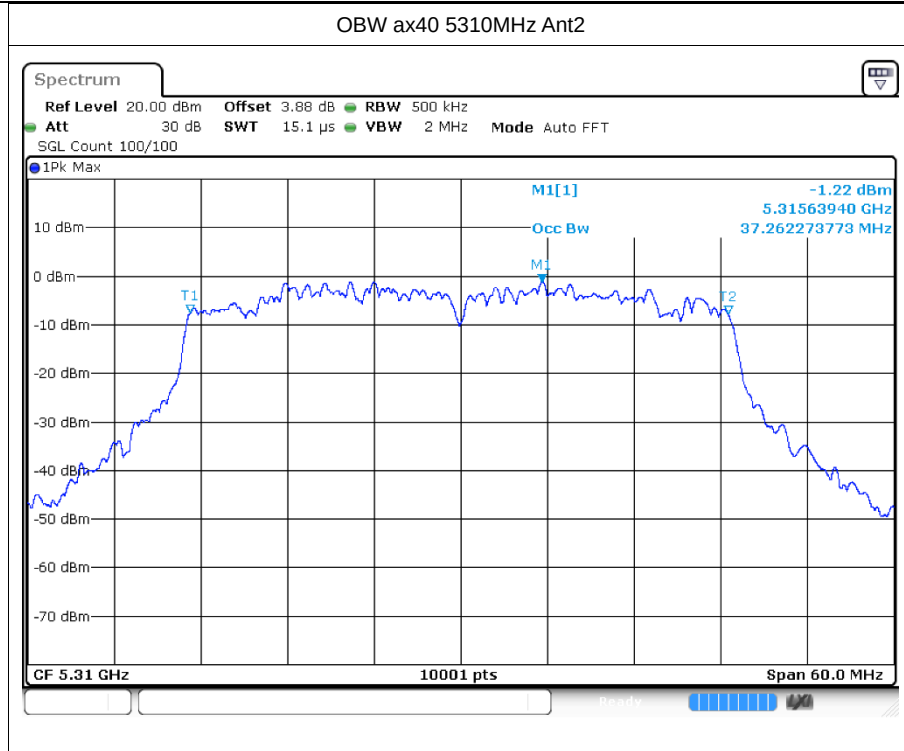












5 Maximum Power Spectral Density Level

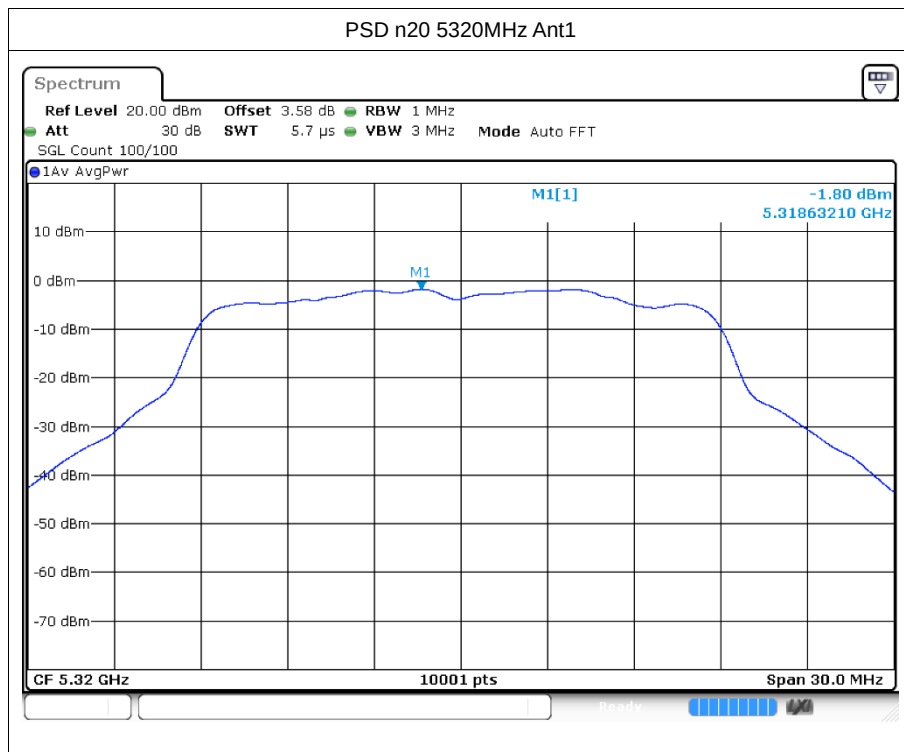
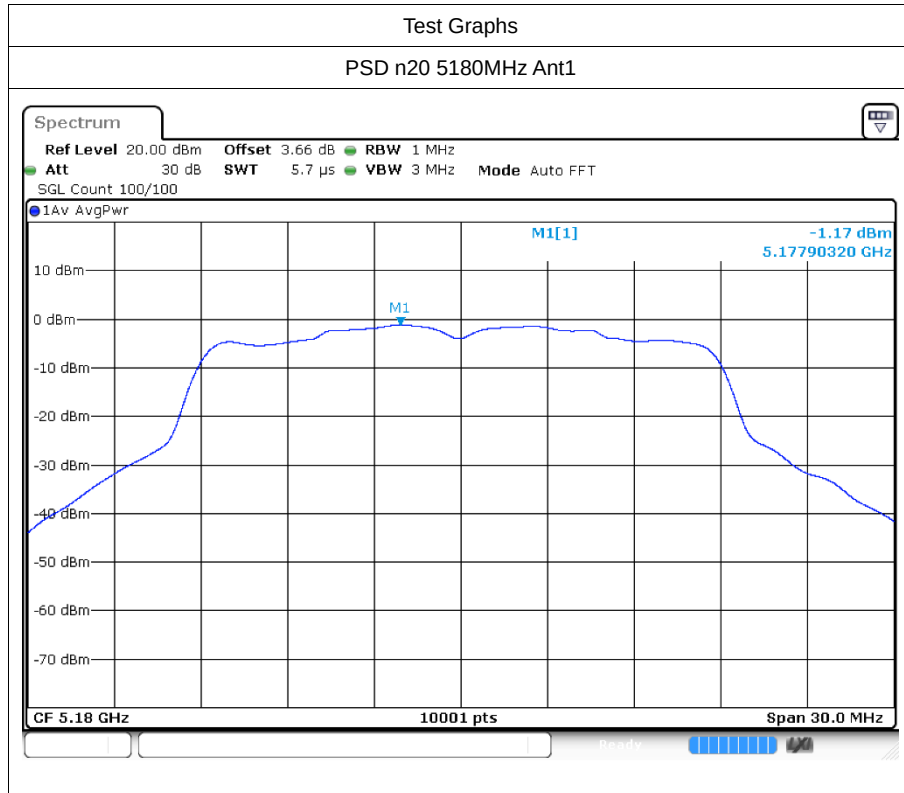
5.1 Test Result

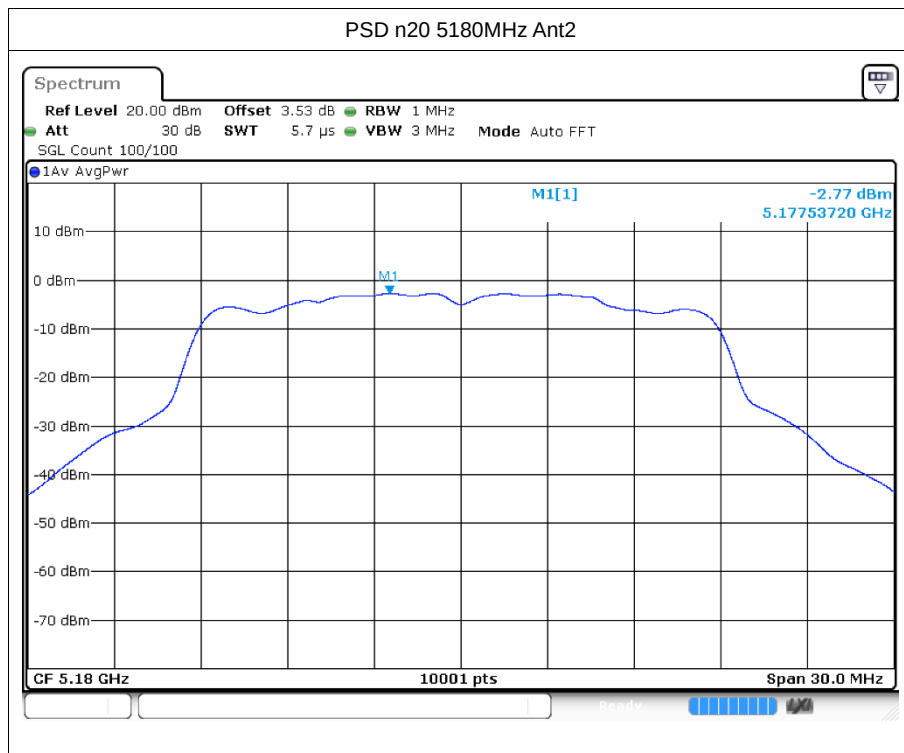
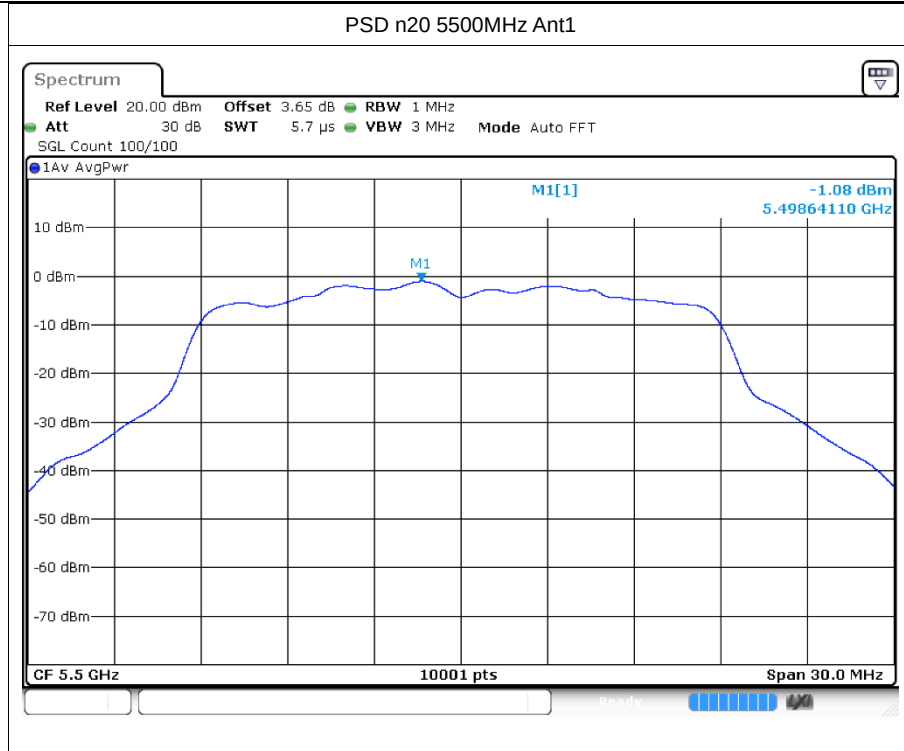
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
n20	5180	Ant1	-1.17	0.31	-0.86	10.3	Pass
n20	5180	Ant2	-2.77	0.31	-2.46	10.3	Pass
n20	5180	Sum	-	-	1.42	10.3	Pass
n20	5320	Ant1	-1.8	0.31	-1.49	11	Pass
n20	5320	Ant2	-3.27	0.31	-2.96	11	Pass
n20	5320	Sum	-	-	0.85	11	Pass
n20	5500	Ant1	-1.08	0.31	-0.77	11	Pass
n20	5500	Ant2	-7.13	0.31	-6.82	11	Pass
n20	5500	Sum	-	-	0.19	11	Pass
n40	5190	Ant1	-4.32	0.31	-4.01	10.3	Pass
n40	5190	Ant2	-5.62	0.37	-5.25	10.3	Pass
n40	5190	Sum	-	-	-1.58	10.3	Pass
n40	5310	Ant1	-5.2	0.32	-4.88	11	Pass
n40	5310	Ant2	-6.55	0.37	-6.18	11	Pass
n40	5310	Sum	-	-	-2.47	11	Pass
n40	5510	Ant1	-5	0.32	-4.68	11	Pass
n40	5510	Ant2	-9.97	0.33	-9.64	11	Pass
n40	5510	Sum	-	-	-3.48	11	Pass
ac20	5180	Ant1	-1.22	0.60	-0.62	10.3	Pass
ac20	5180	Ant2	-2.46	0.60	-1.86	10.3	Pass
ac20	5180	Sum	-	-	-1.81	10.3	Pass
ac20	5320	Ant1	-2.81	0.59	-2.22	11	Pass
ac20	5320	Ant2	-3.87	0.60	-3.27	11	Pass
ac20	5320	Sum	-	-	0.30	11	Pass
ac20	5500	Ant1	-2.61	0.67	-1.94	11	Pass
ac20	5500	Ant2	-6.85	0.60	-6.25	11	Pass
ac20	5500	Sum	-	-	-0.57	11	Pass
ac40	5190	Ant1	-4.76	0.58	-4.18	10.3	Pass
ac40	5190	Ant2	-5.48	0.61	-4.87	10.3	Pass
ac40	5190	Sum	-	-	-1.50	10.3	Pass
ac40	5310	Ant1	-6.06	0.58	-5.48	11	Pass
ac40	5310	Ant2	-6.16	0.68	-5.48	11	Pass
ac40	5310	Sum	-	-	-2.47	11	Pass
ac40	5510	Ant1	-6.24	0.58	-5.66	11	Pass
ac40	5510	Ant2	-10.67	0.59	-10.08	11	Pass
ac40	5510	Sum	-	-	-4.32	11	Pass

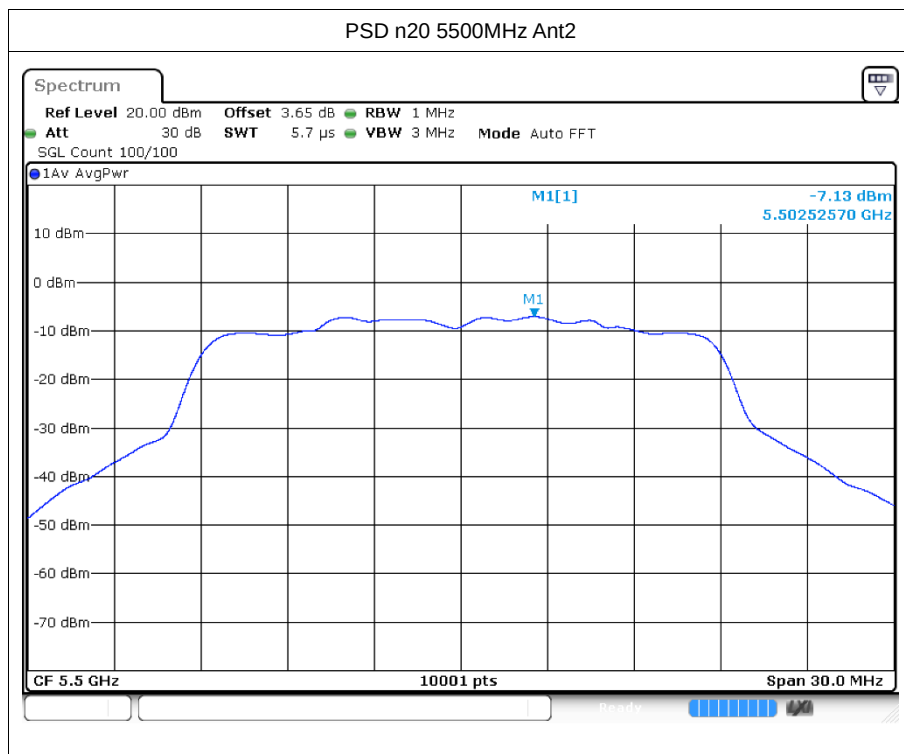
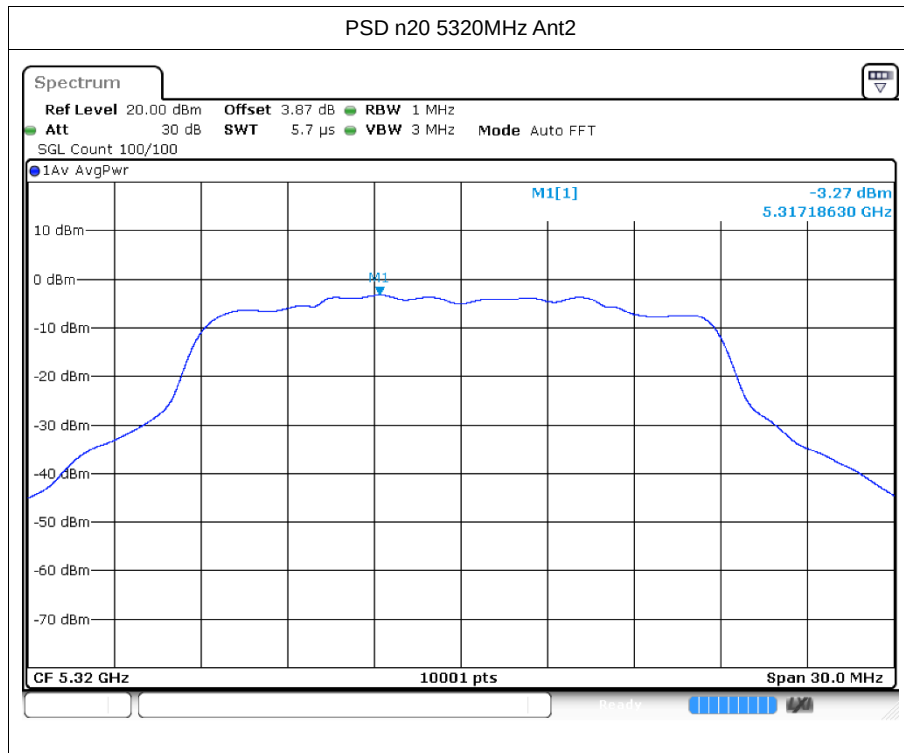


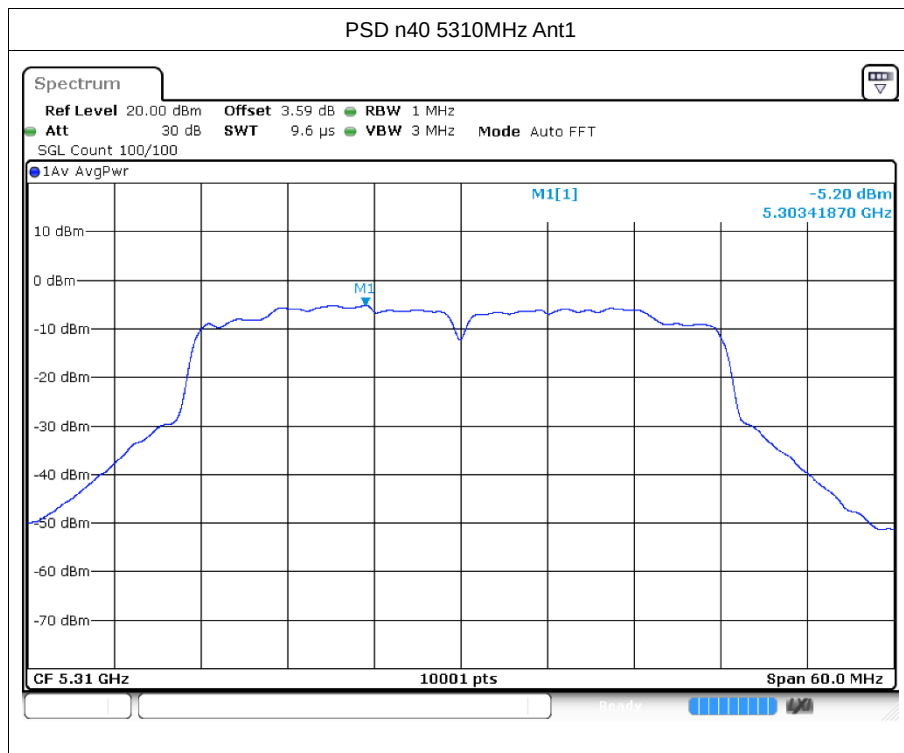
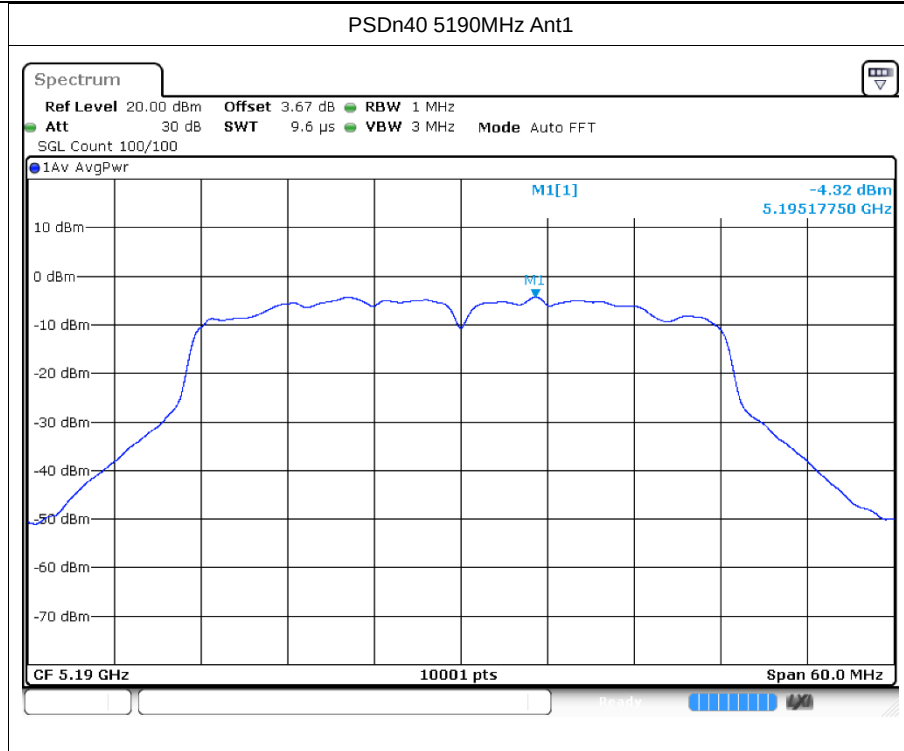
ax20	5180	Ant1	-1.35	0.60	-0.75	10.3	Pass
ax20	5180	Ant2	-3.06	0.59	-2.47	10.3	Pass
ax20	5180	Sum	-	-	-1.48	10.3	Pass
ax20	5320	Ant1	-2.31	0.60	-1.71	11	Pass
ax20	5320	Ant2	-4.13	0.60	-3.53	11	Pass
ax20	5320	Sum	-	-	-0.48	11	Pass
ax20	5500	Ant1	-2.61	0.59	-2.02	11	Pass
ax20	5500	Ant2	-8.25	0.59	-7.66	11	Pass
ax20	5500	Sum	-	-	-0.97	11	Pass
ax40	5190	Ant1	-5.19	0.60	-4.59	10.3	Pass
ax40	5190	Ant2	-6.18	0.68	-5.5	10.3	Pass
ax40	5190	Sum	-	-	-2.01	10.3	Pass
ax40	5310	Ant1	-5.83	0.60	-5.23	11	Pass
ax40	5310	Ant2	-6.91	0.66	-6.25	11	Pass
ax40	5310	Sum	-	-	-2.70	11	Pass
ax40	5510	Ant1	-6.84	0.60	-6.24	11	Pass
ax40	5510	Ant2	-10.68	0.62	-10.06	11	Pass
ax40	5510	Sum	-	-	-4.73	11	Pass
ax80	5210	Ant1	-8.39	0.58	-7.81	10.3	Pass
ax80	5210	Ant2	-9.66	0.72	-8.94	10.3	Pass
ax80	5210	Sum	-	-	-5.33	10.3	Pass
ax80	5290	Ant1	-8.93	0.58	-8.35	11	Pass
ax80	5290	Ant2	-9.6	0.73	-8.87	11	Pass
ax80	5290	Sum	-	-	-5.59	11	Pass
ax80	5530	Ant1	-8.94	0.58	-8.36	11	Pass
ax80	5530	Ant2	-13.68	0.88	-12.8	11	Pass
ax80	5530	Sum	-	-	-7.03	11	Pass

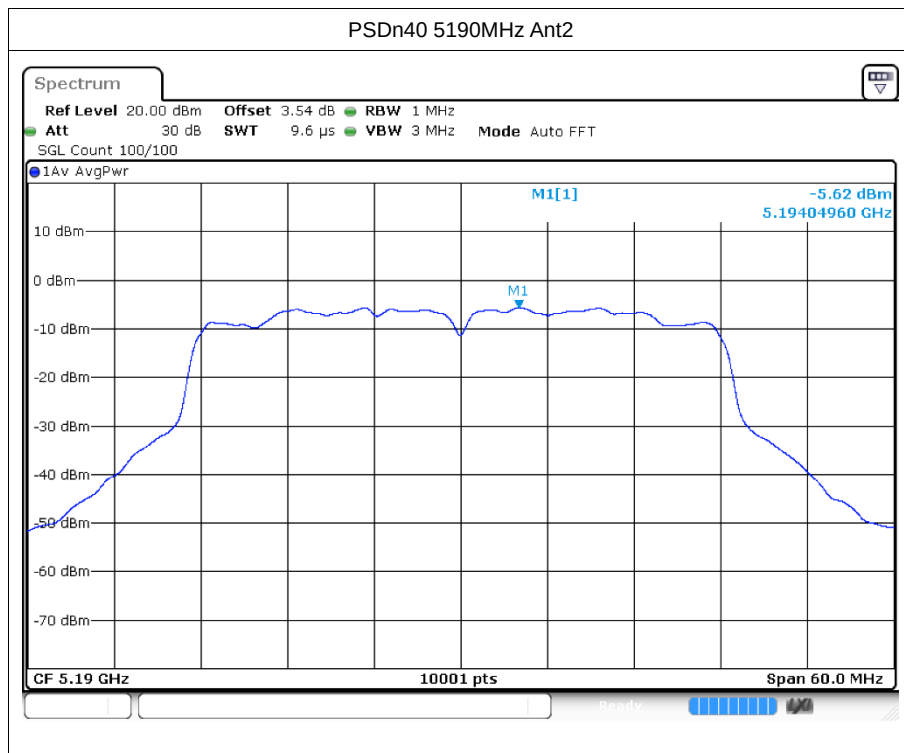
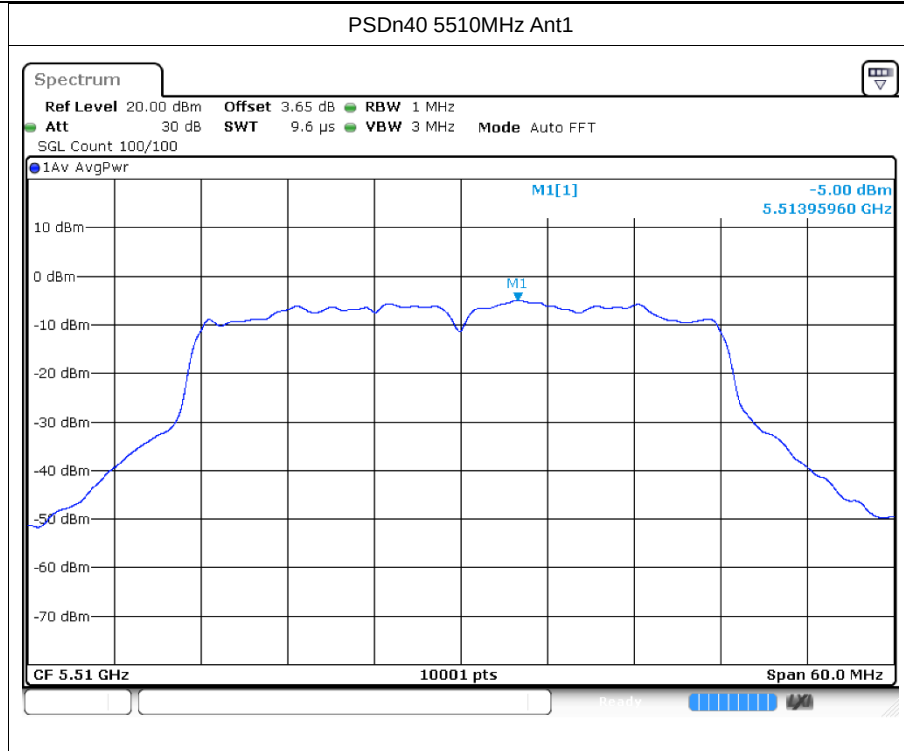
5.2 Test Graphs

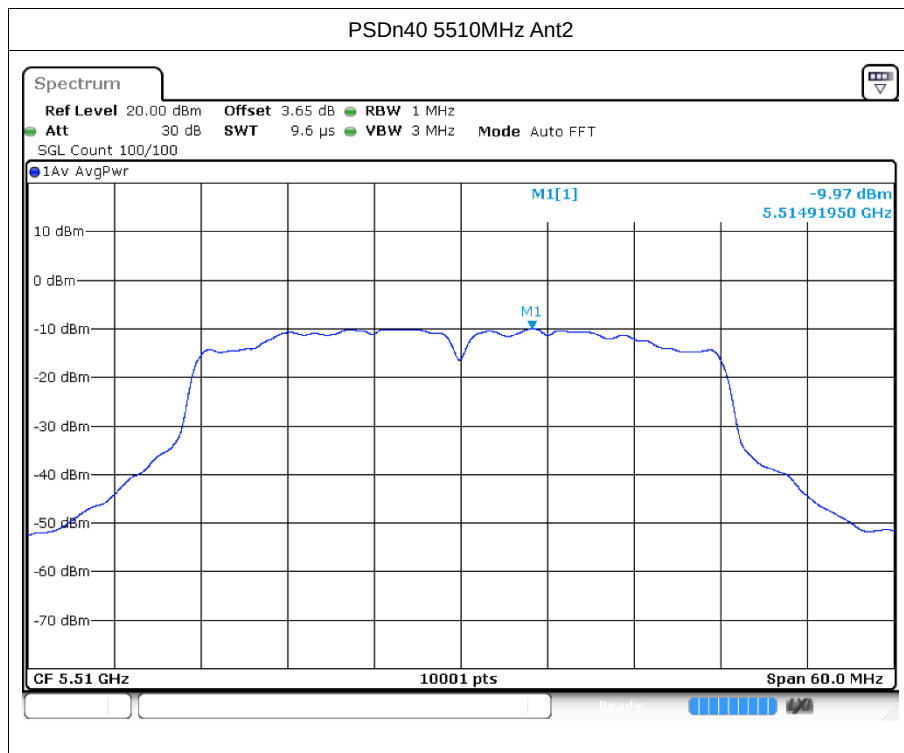
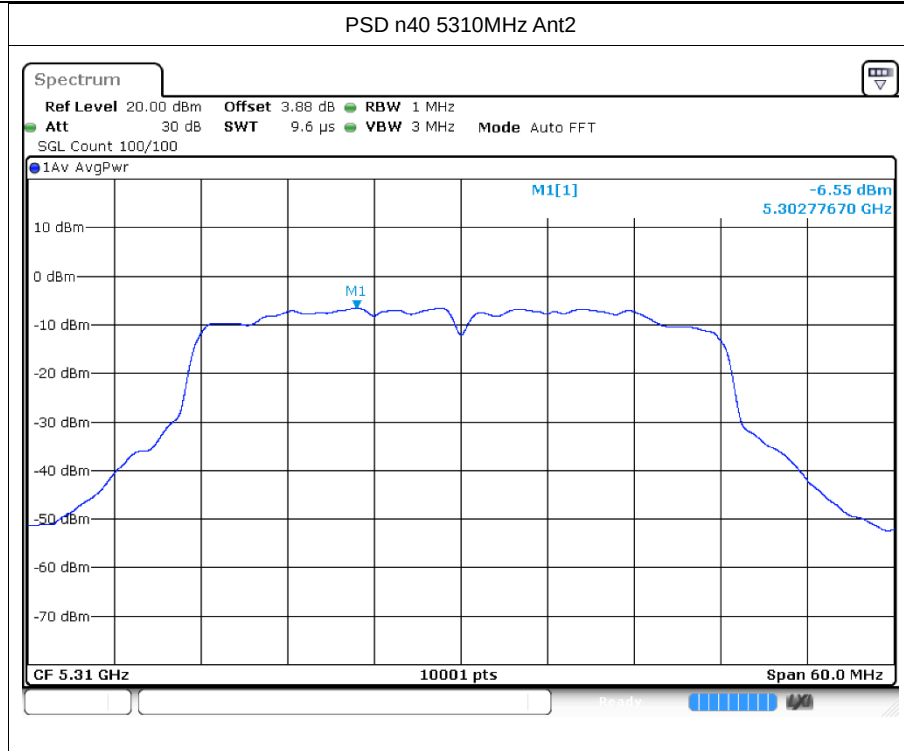


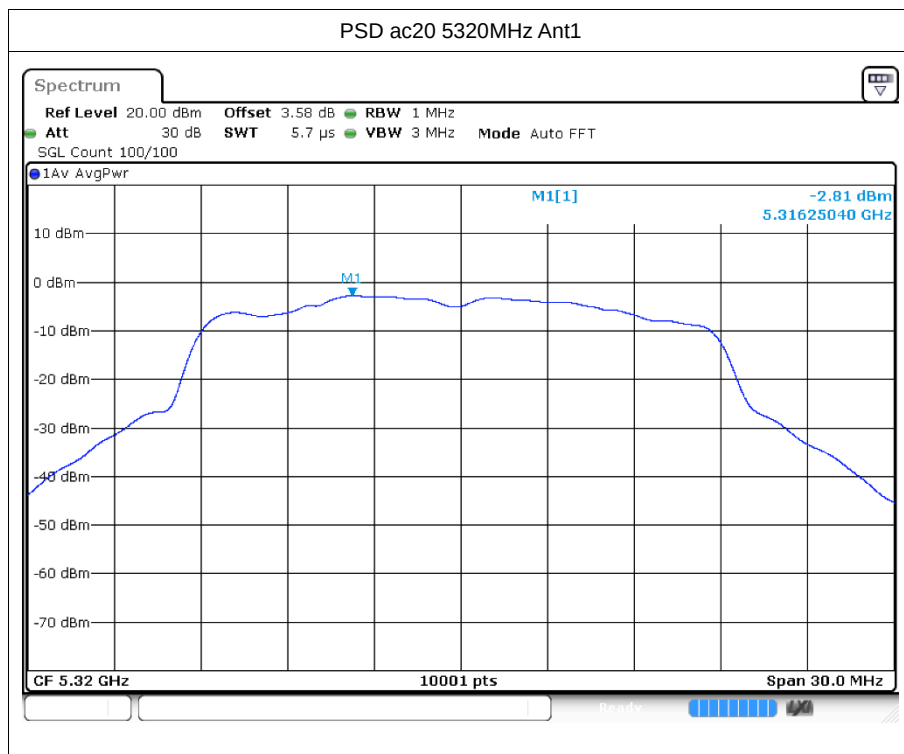
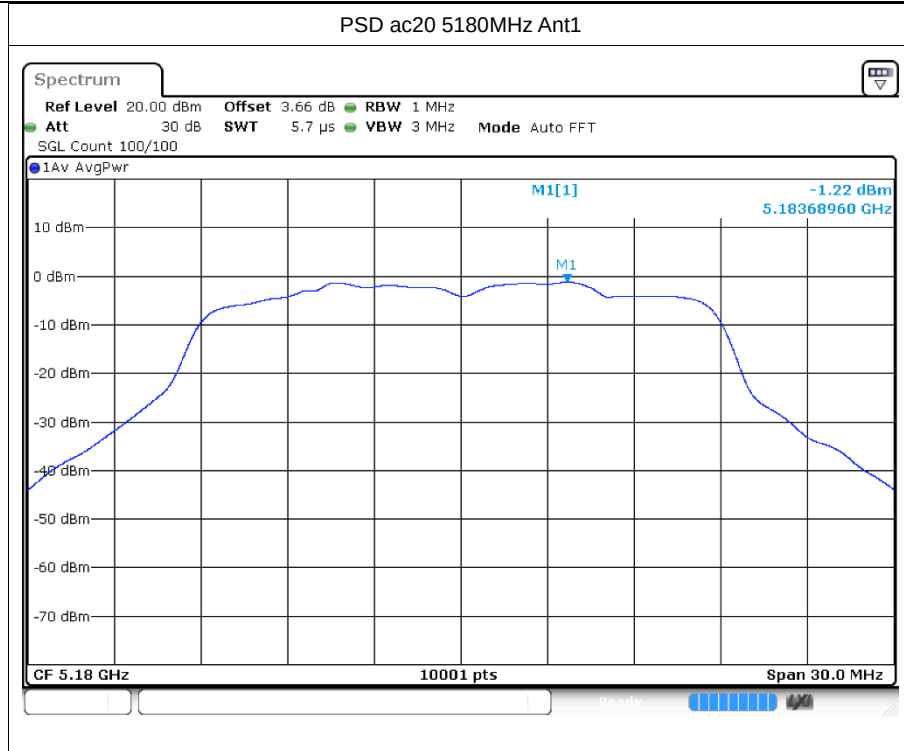


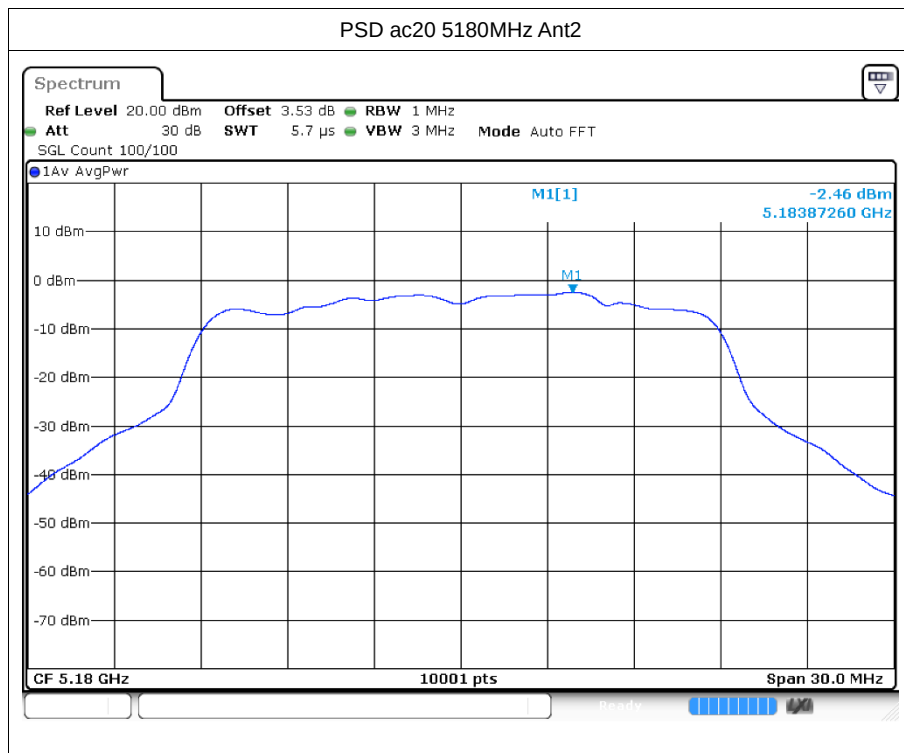
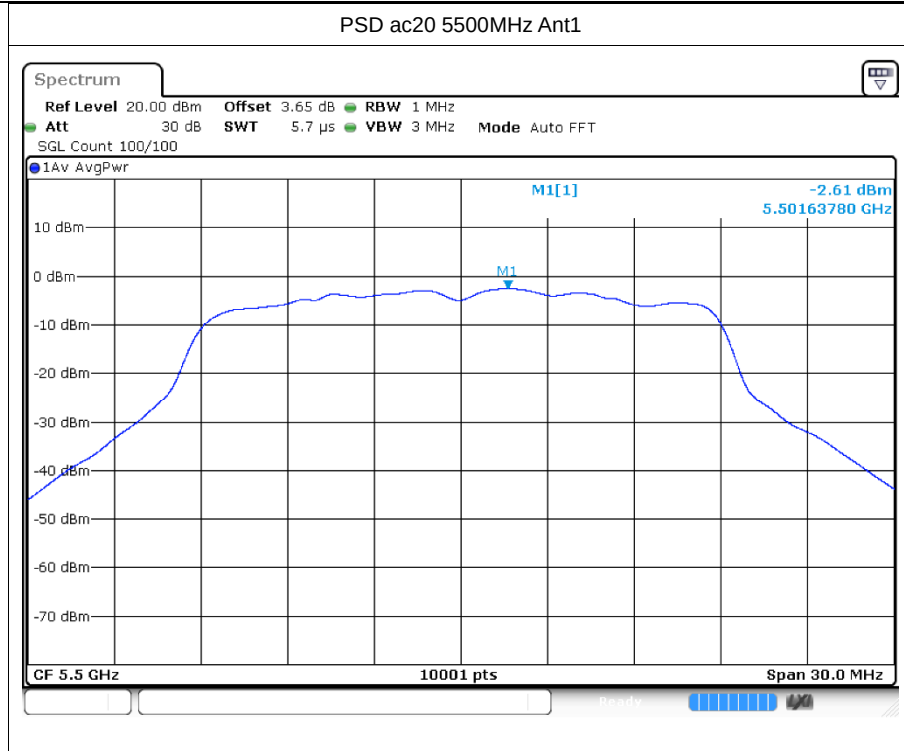


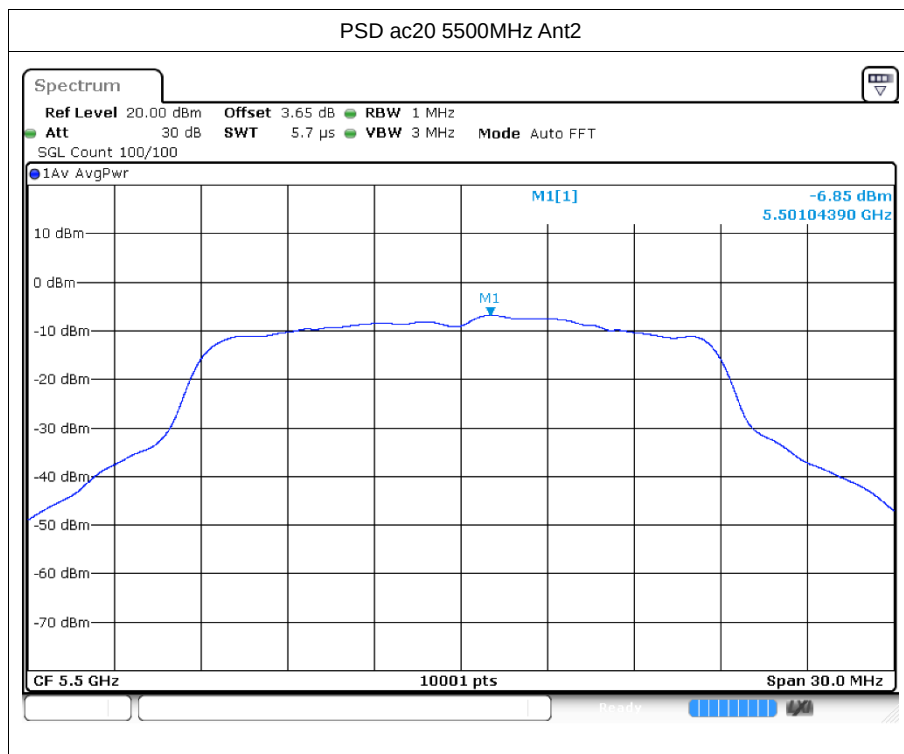
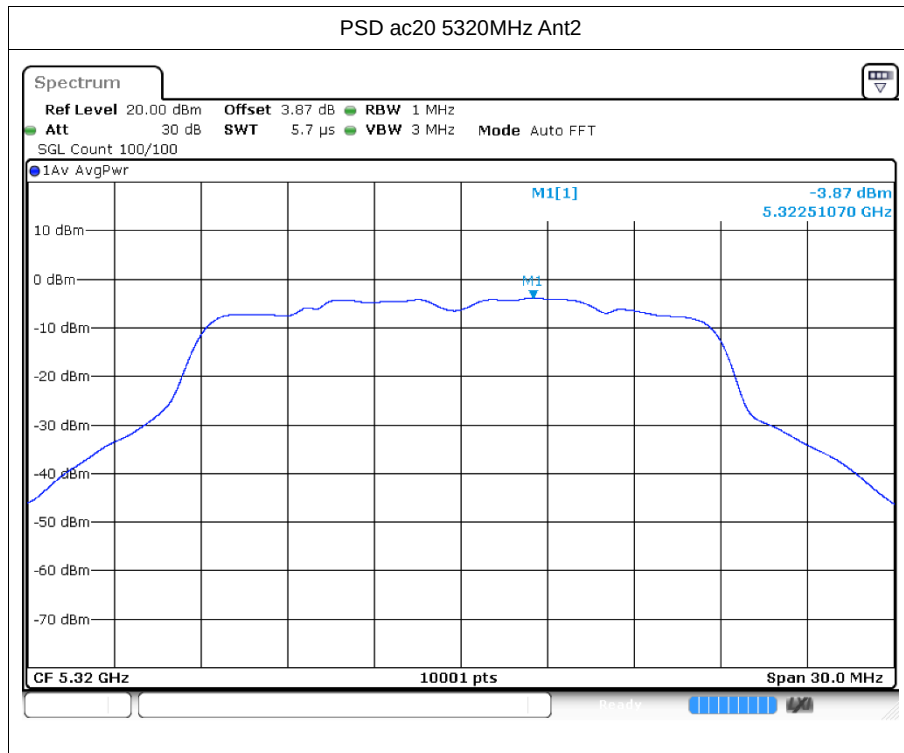


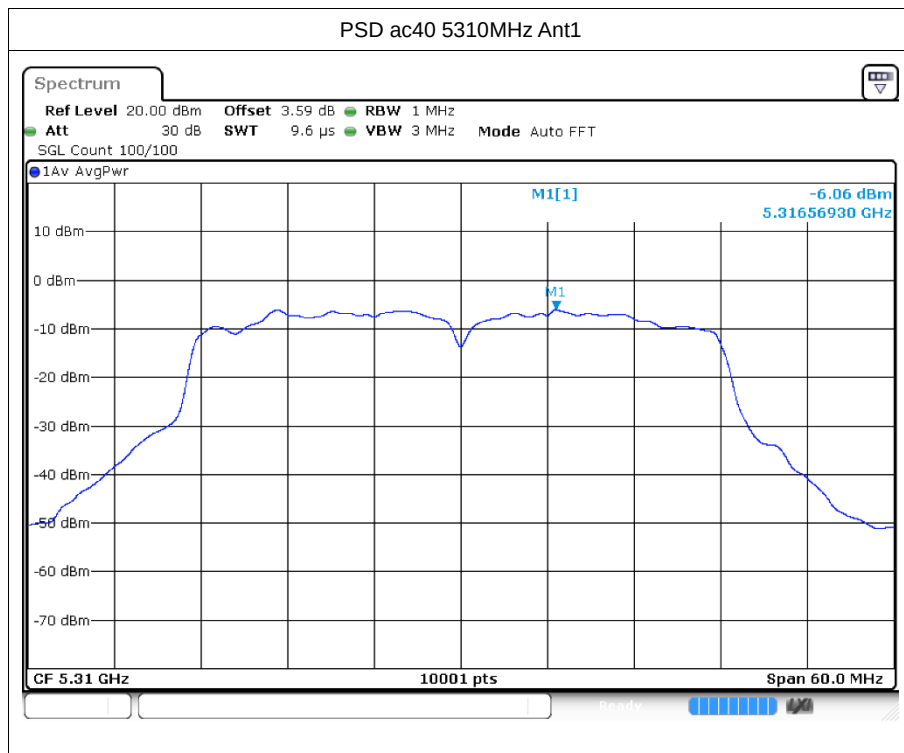
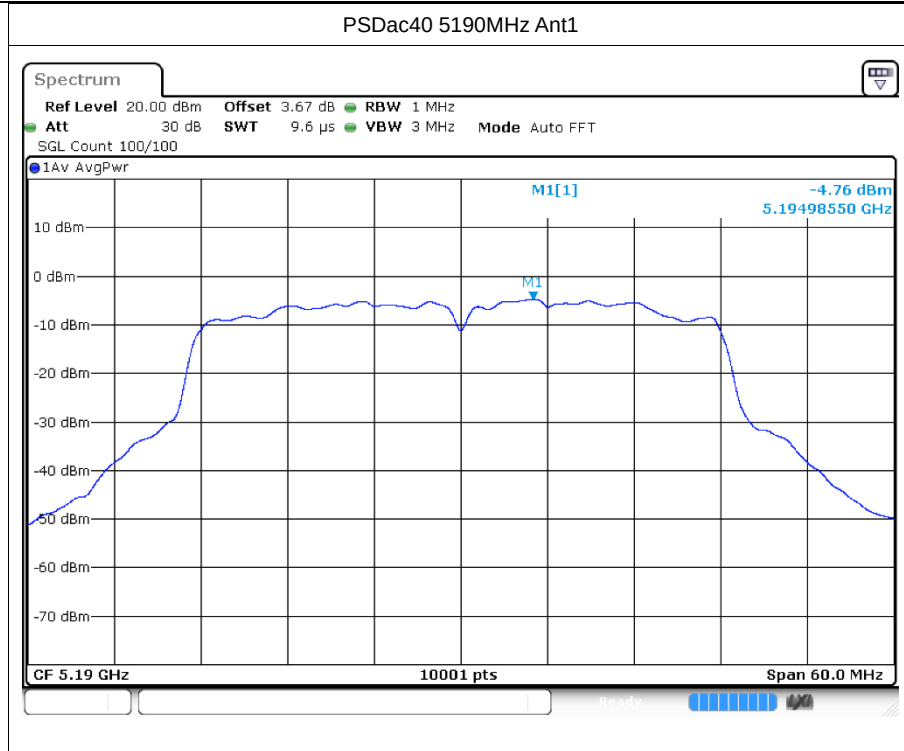


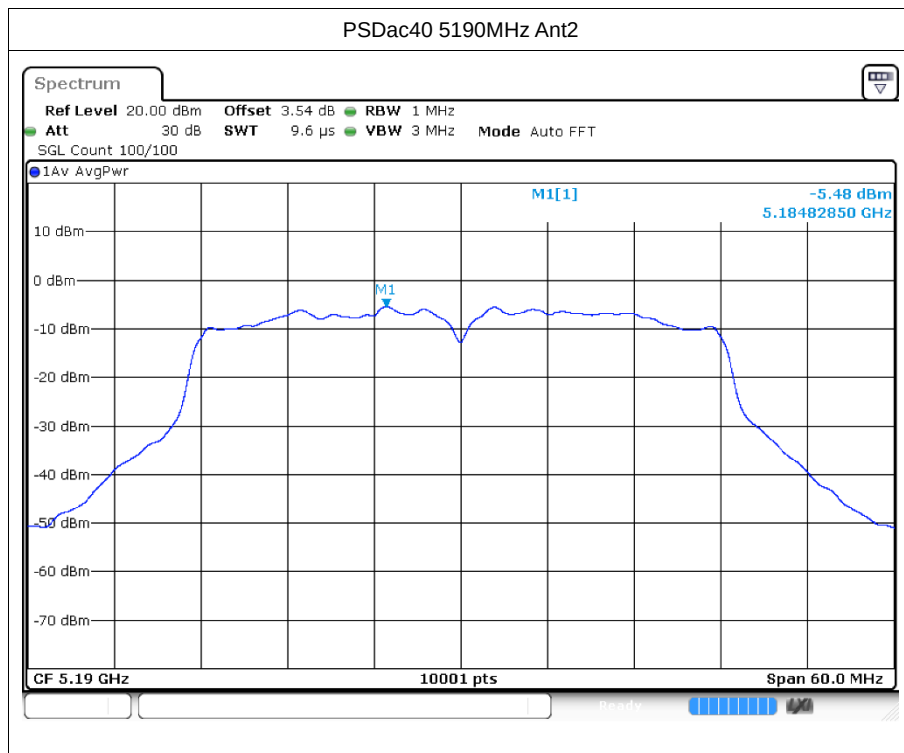
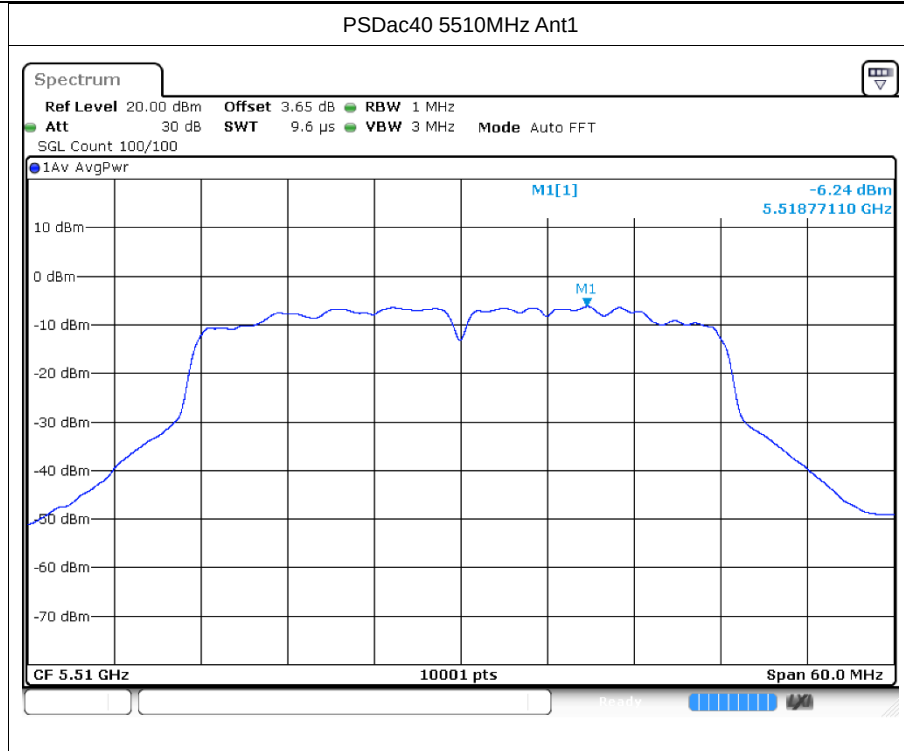


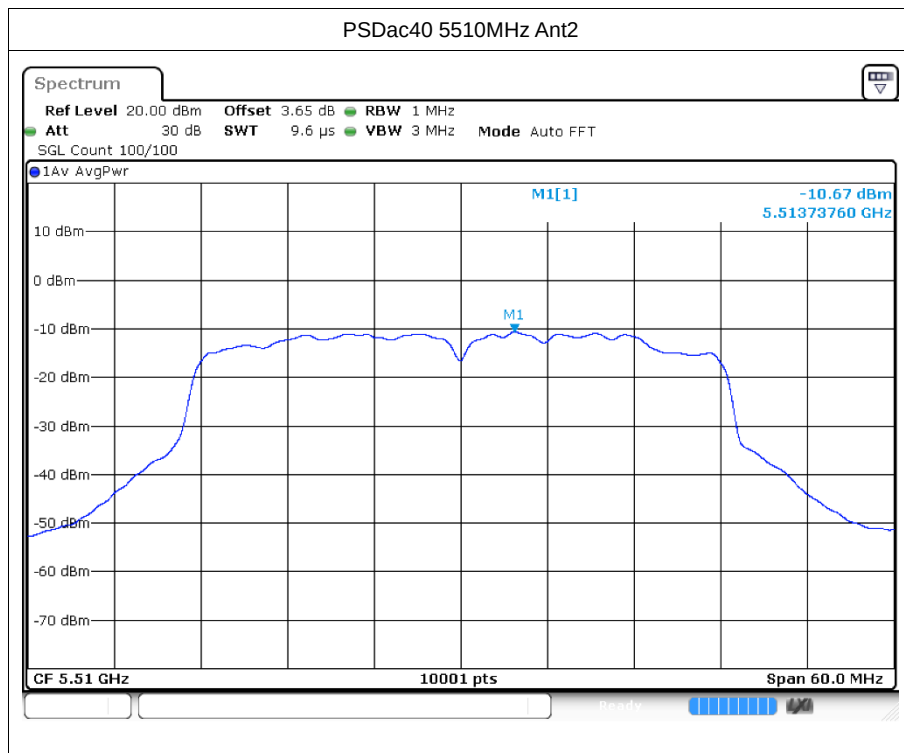
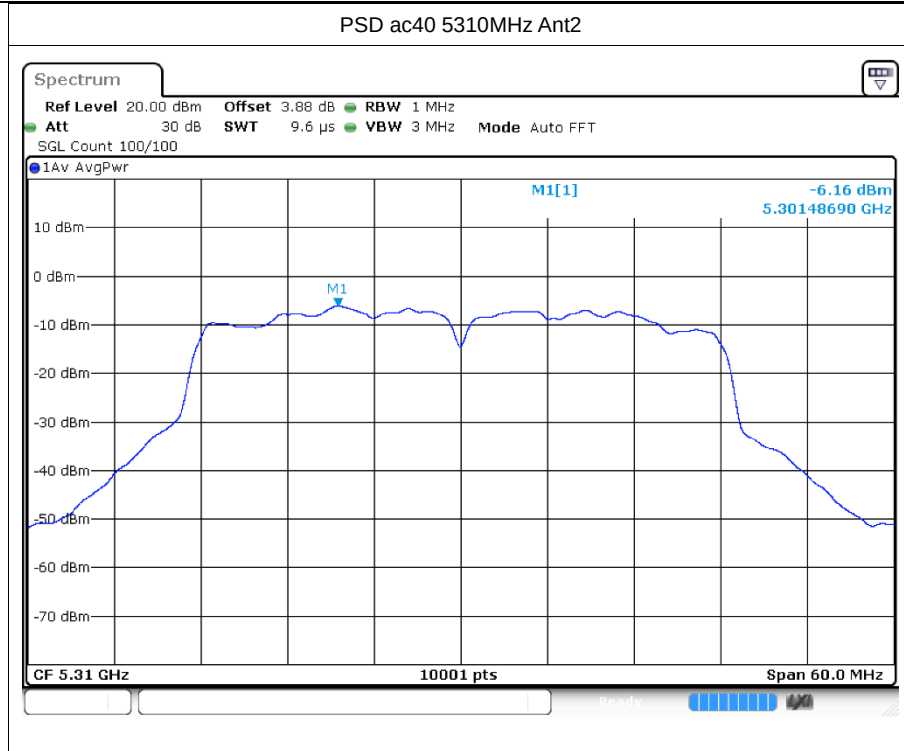


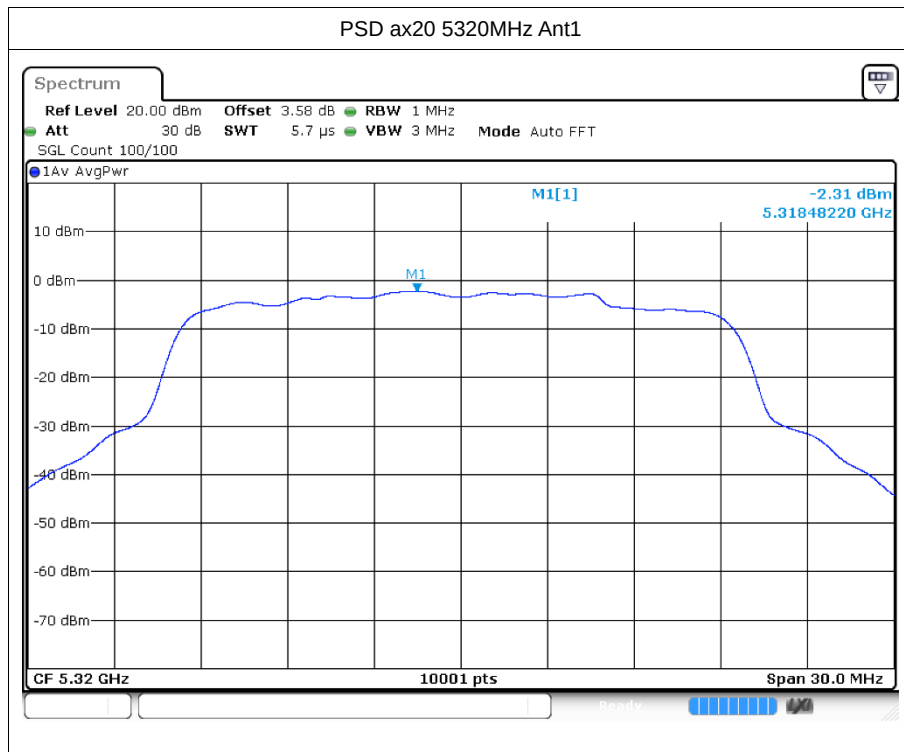
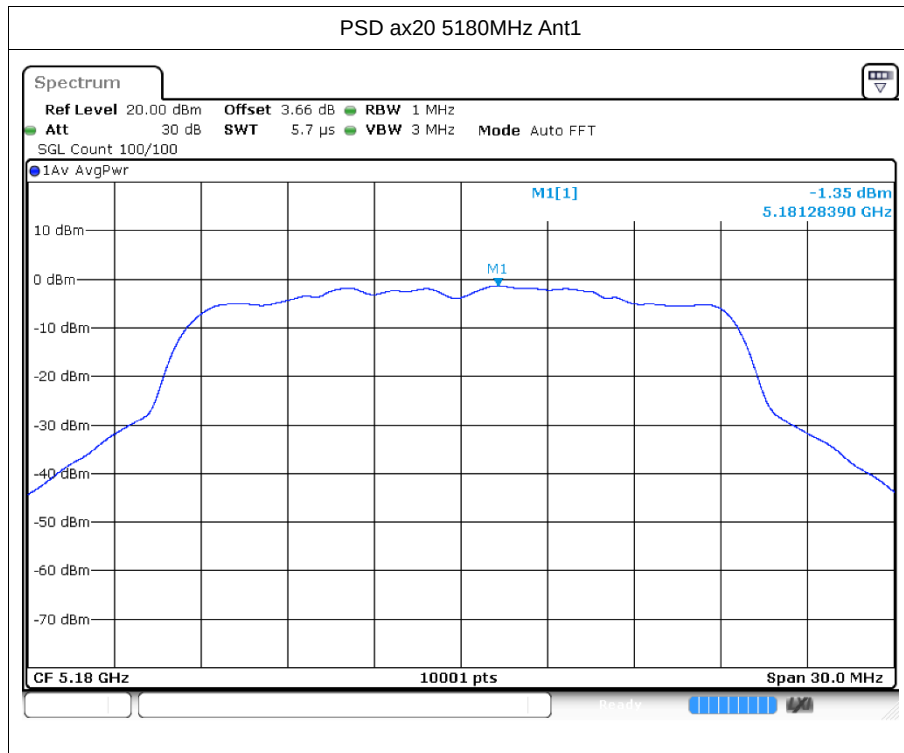


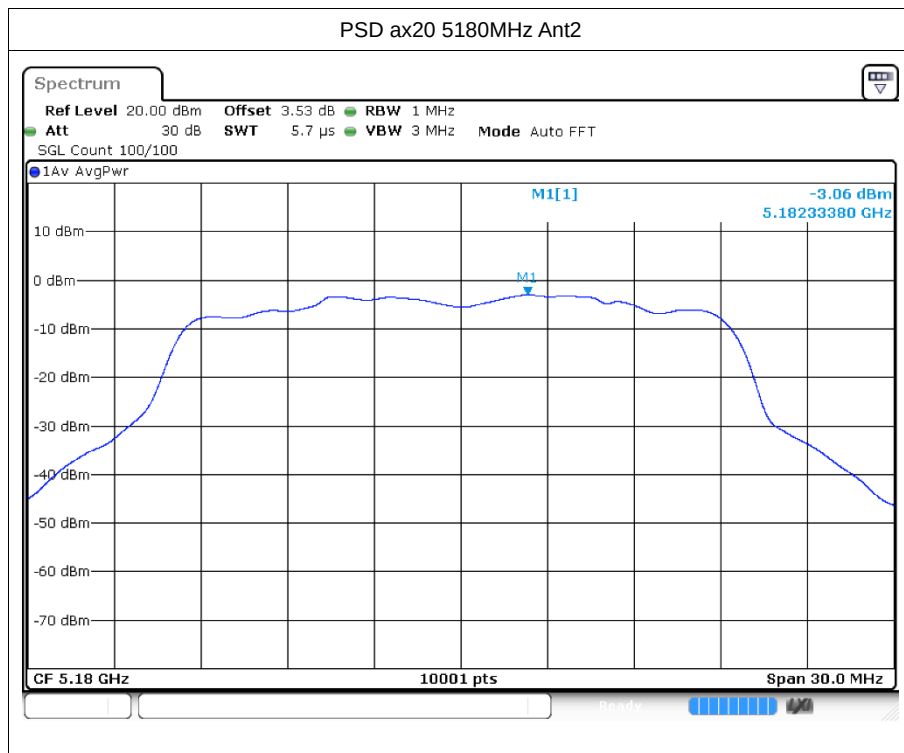
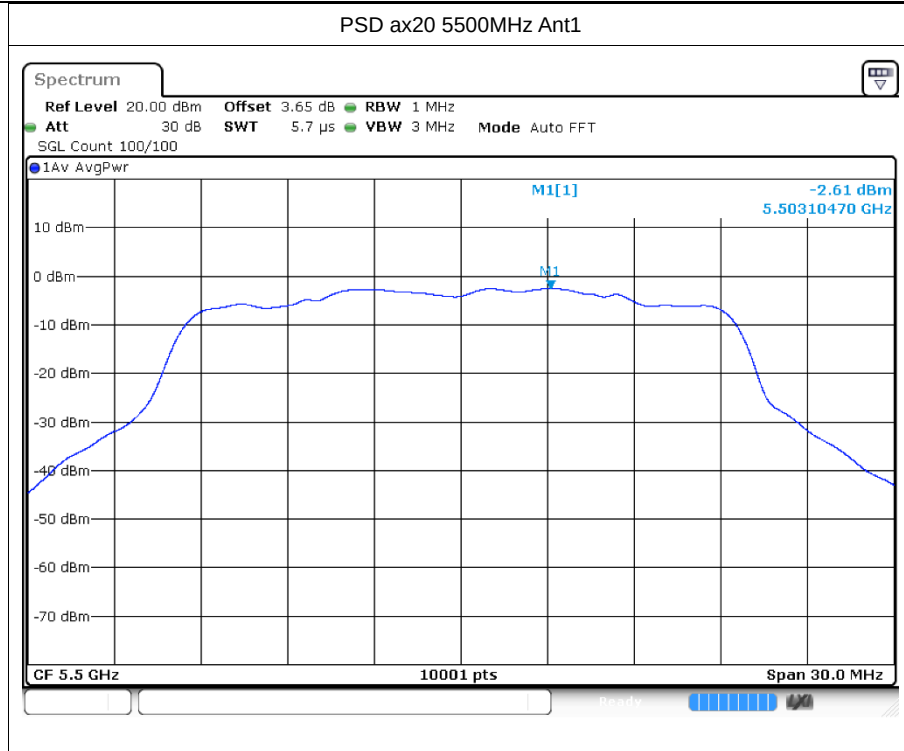


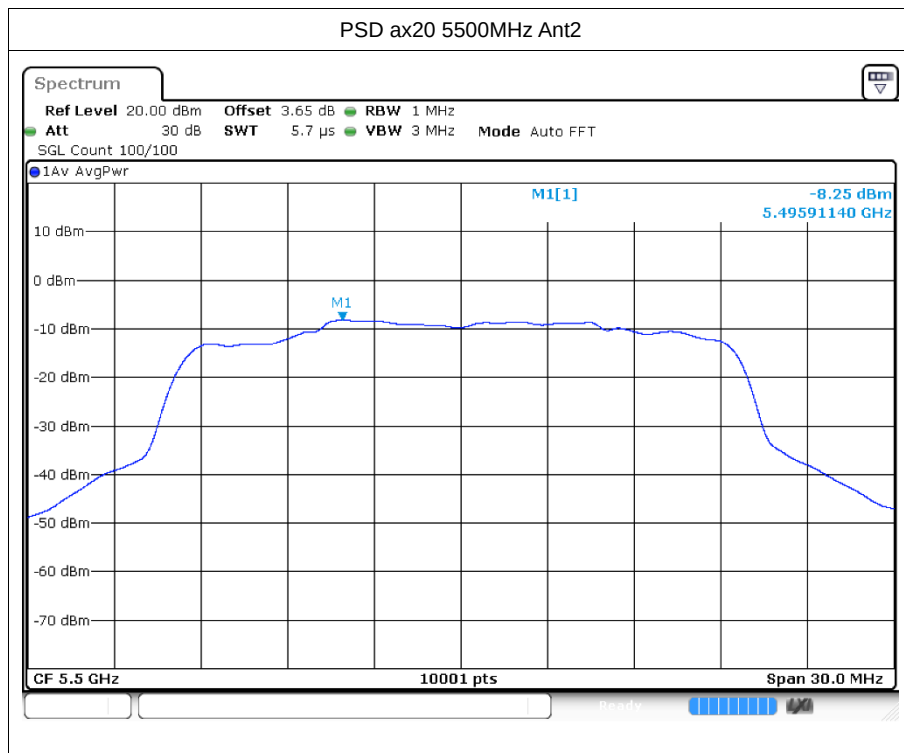
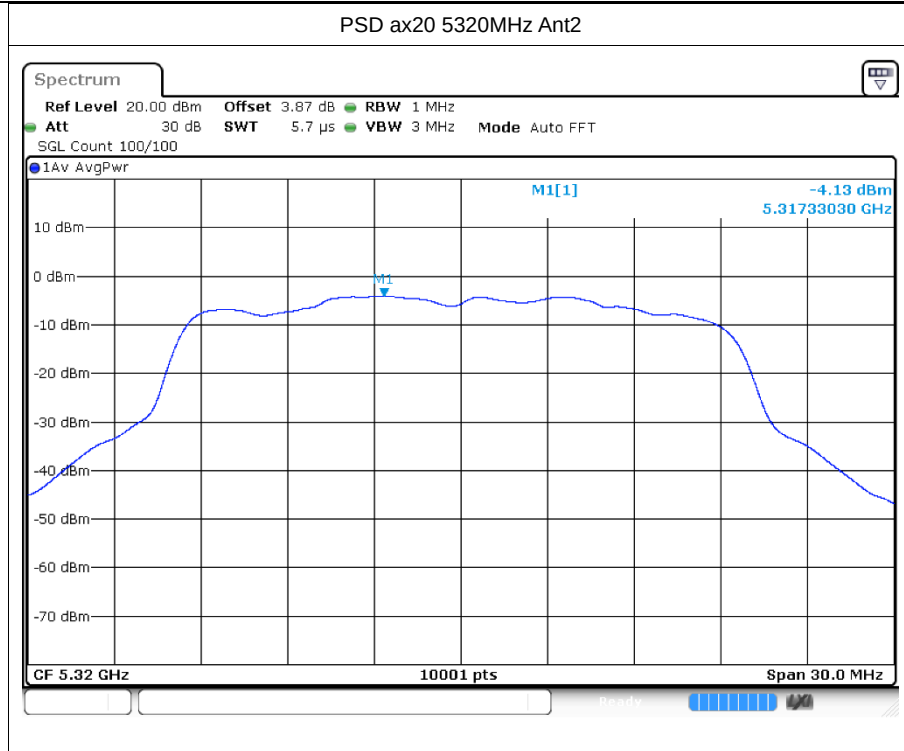


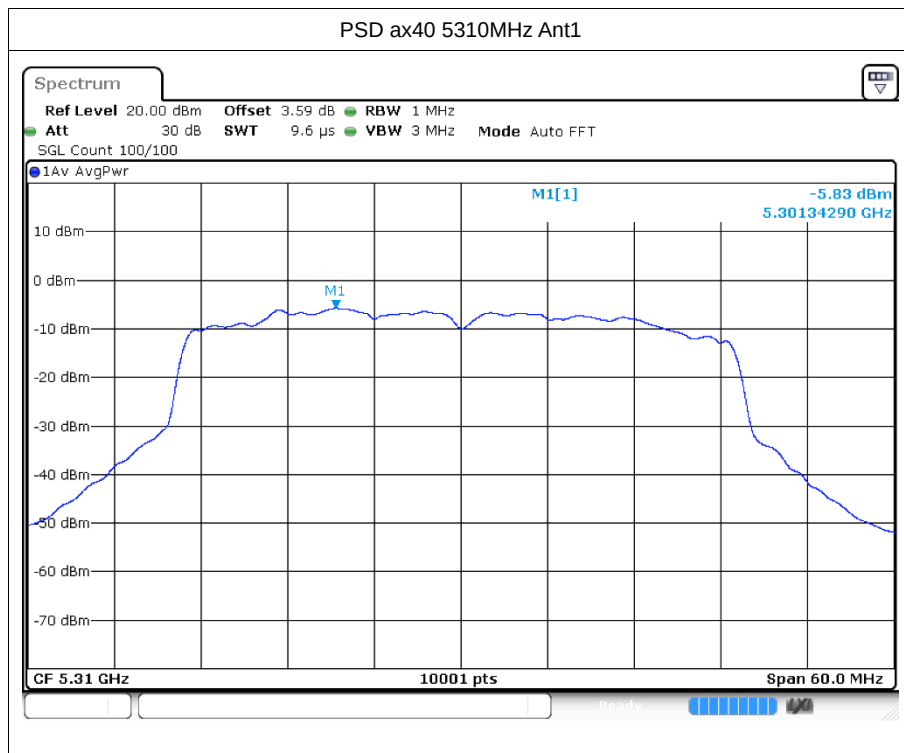
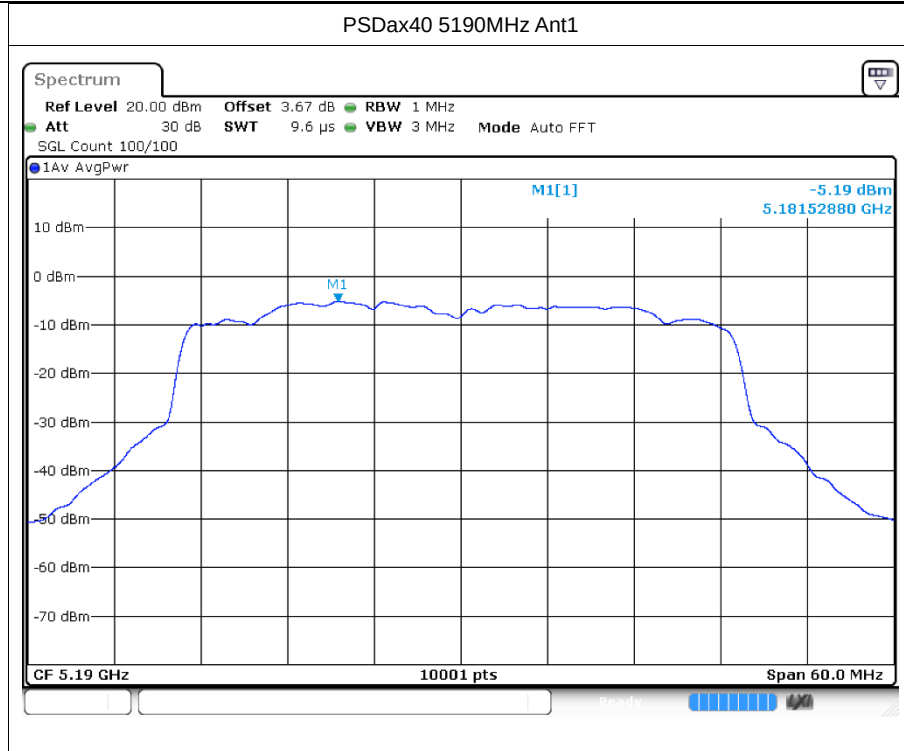


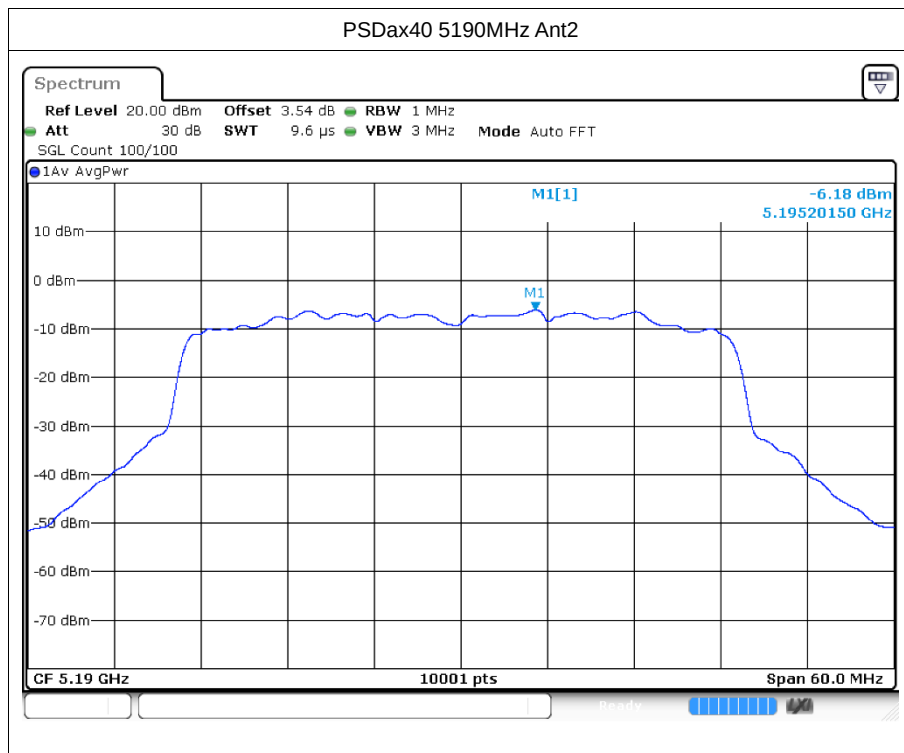
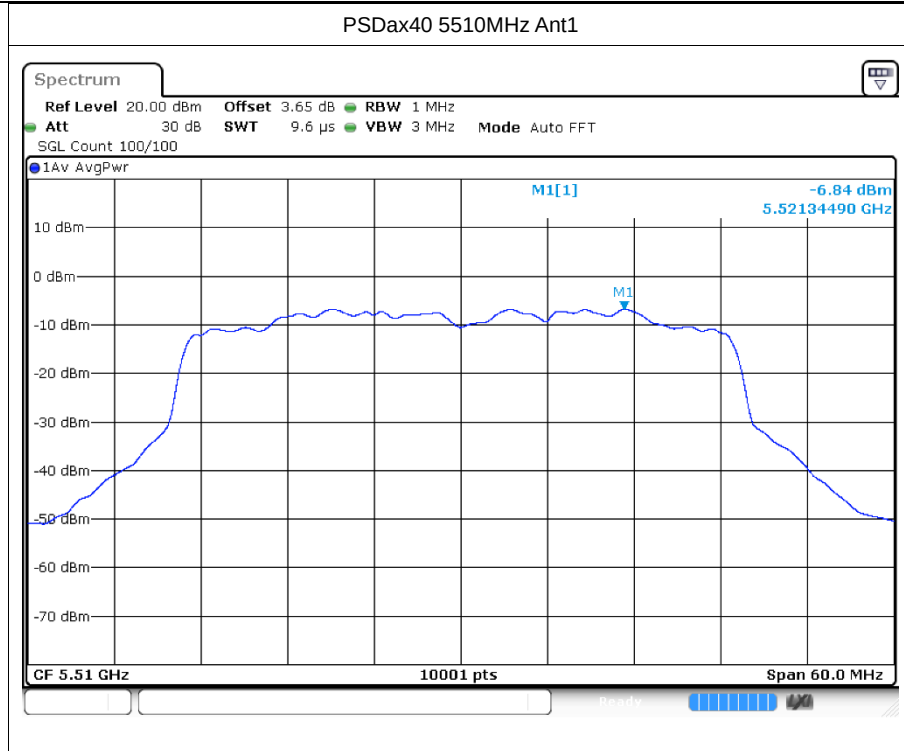


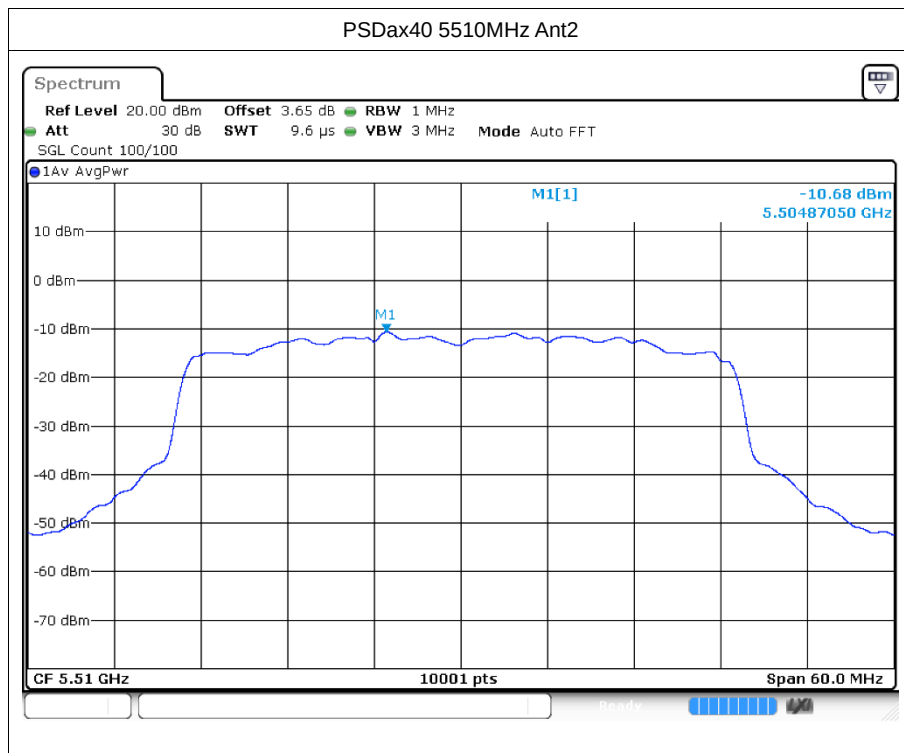
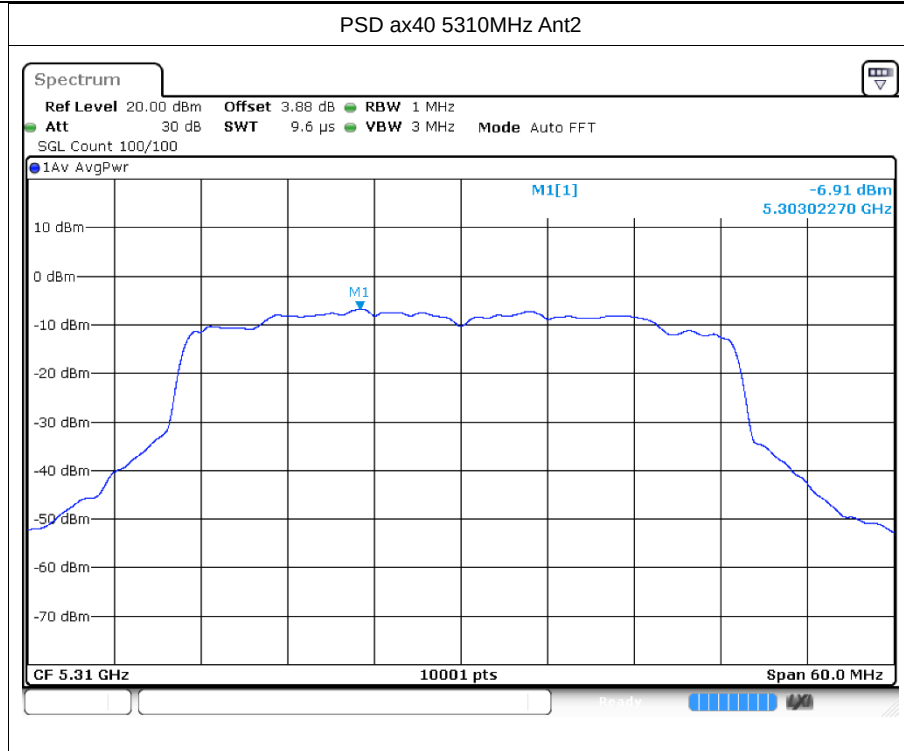




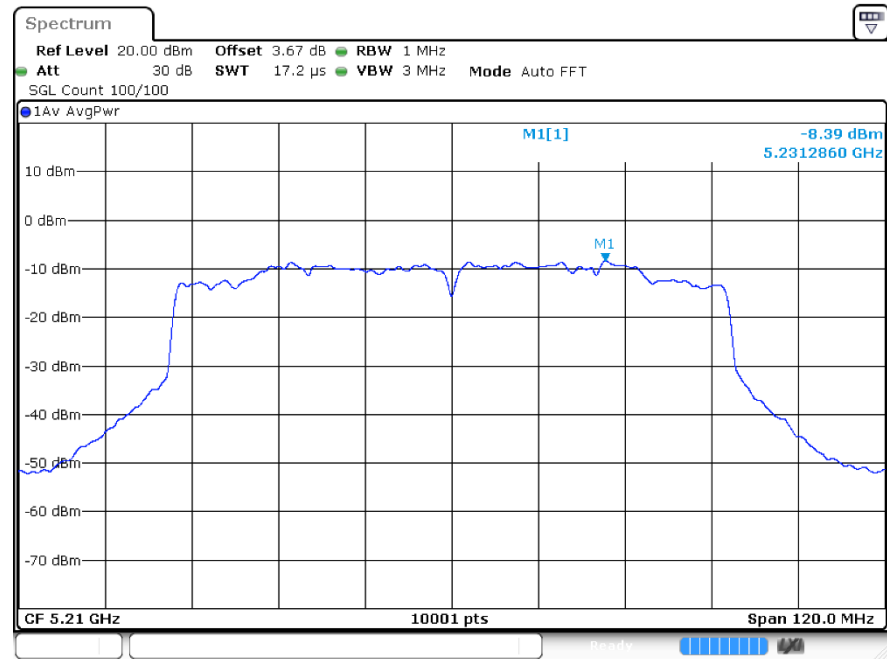




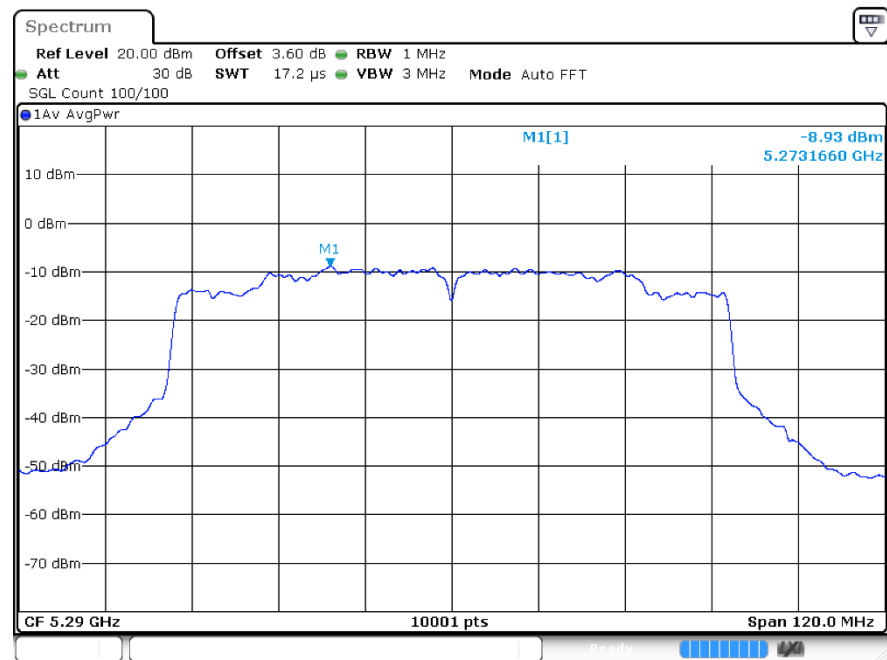


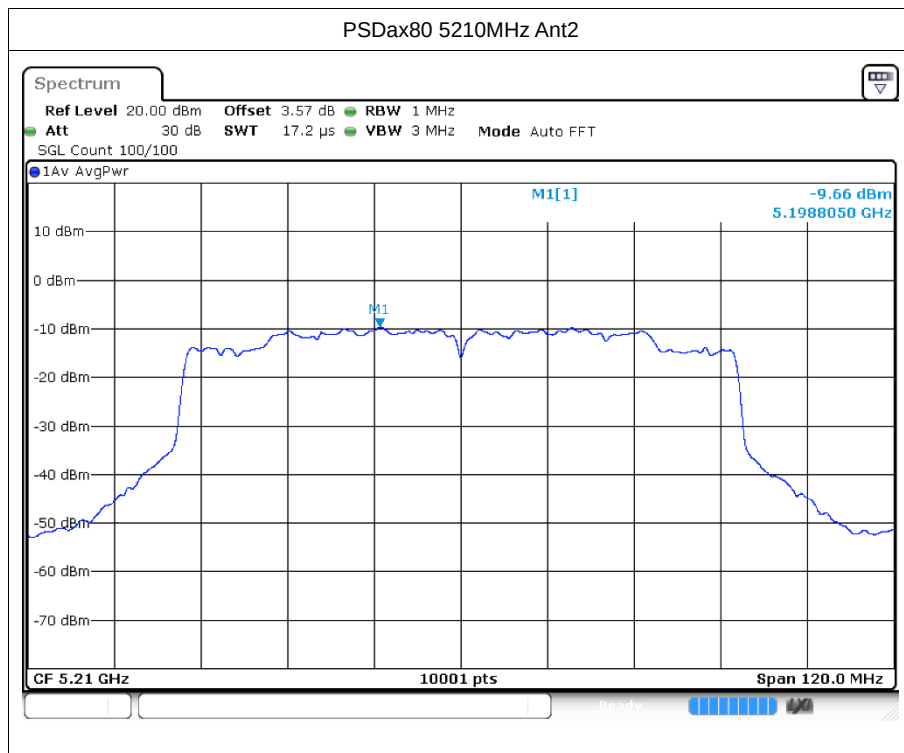
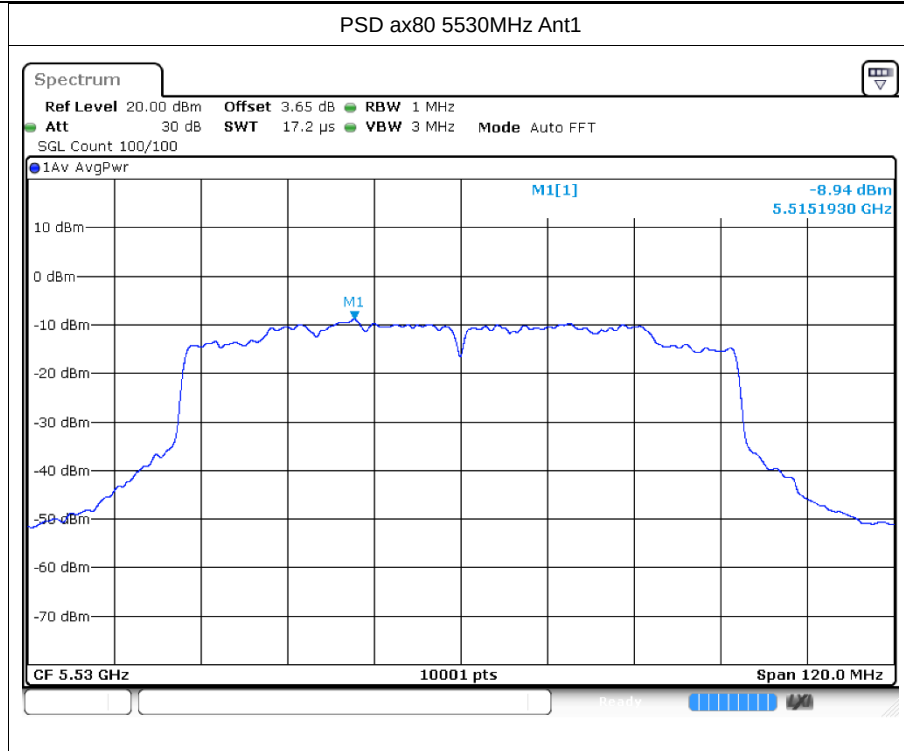


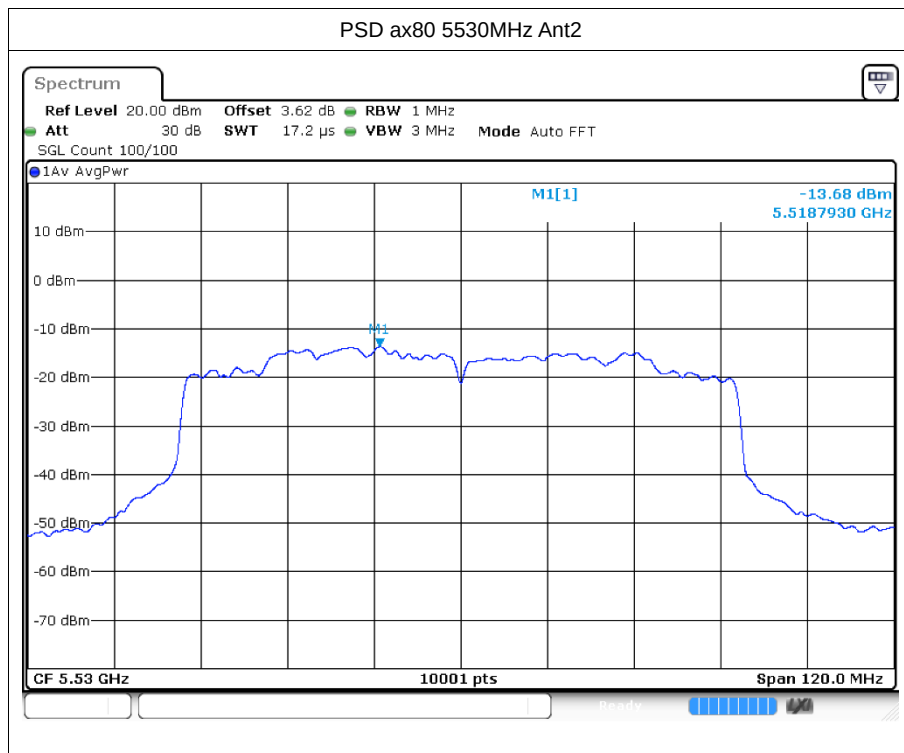
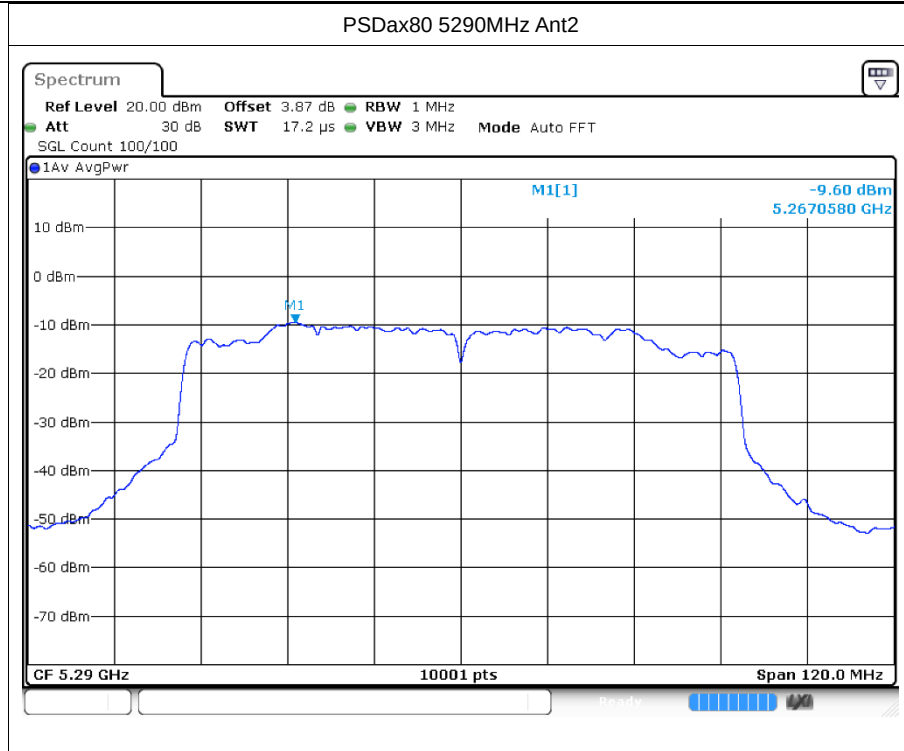
PSDax80 5210MHz Ant1



PSDax80 5290MHz 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	n20	5180	Ant1	5179.9	-100000	-19.31	25	Pass
20C 120V	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 138V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	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	5179.98	-20000	-3.86	25	Pass
20C 102V	n20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
20C 120V	n20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
20C 138V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
-20C 120V	n20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
-10C 120V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
0C 120V	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
10C 120V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
30C 120V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
40C 120V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
50C 120V	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
20C 102V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 120V	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 138V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
-20C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
-10C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
0C 120V	n20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
10C 120V	n20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
30C 120V	n20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
40C 120V	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
50C 120V	n20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 102V	n40	5190	Ant1	5189.96	-40000	-7.71	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	5189.92	-80000	-15.41	25	Pass
-10C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass



0C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
10C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
40C 120V	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
50C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 102V	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
20C 120V	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
20C 138V	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-20C 120V	n40	5310	Ant1	5309.96	-40000	-7.53	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	5509.92	-80000	-14.52	25	Pass
20C 138V	n40	5510	Ant1	5510	0	0	25	Pass
-20C 120V	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
-10C 120V	n40	5510	Ant1	5510	0	0	25	Pass
0C 120V	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
10C 120V	n40	5510	Ant1	5510	0	0	25	Pass
30C 120V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
40C 120V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
50C 120V	n40	5510	Ant1	5510	0	0	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	5179.94	-60000	-11.58	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	5179.96	-40000	-7.72	25	Pass
10C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 102V	ac20	5320	Ant1	5319.96	-40000	-7.52	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	5319.96	-40000	-7.52	25	Pass
-10C 120V	ac20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
0C 120V	ac20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
10C 120V	ac20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
30C 120V	ac20	5320	Ant1	5319.94	-60000	-11.28	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	5499.94	-60000	-10.91	25	Pass
20C 120V	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 138V	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
-20C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
-10C 120V	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0C 120V	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
10C 120V	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
30C 120V	ac20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
40C 120V	ac20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
50C 120V	ac20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 102V	ac40	5190	Ant1	5190	0	0	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	5190	0	0	25	Pass
-10C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
30C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 102V	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 120V	ac40	5310	Ant1	5309.96	-40000	-7.53	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	5309.92	-80000	-15.07	25	Pass
0C 120V	ac40	5310	Ant1	5309.96	-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	5509.92	-80000	-14.52	25	Pass
20C 120V	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 138V	ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
-20C 120V	ac40	5510	Ant1	5510.08	80000	14.52	25	Pass
-10C 120V	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0C 120V	ac40	5510	Ant1	5509.92	-80000	-14.52	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	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass



20C 120V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
20C 138V	ax80	5210	Ant1	5210	0	0	25	Pass
-20C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
-10C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
0C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
10C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
30C 120V	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
40C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
50C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
20C 102V	ax80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
20C 120V	ax80	5290	Ant1	5290	0	0	25	Pass
20C 138V	ax80	5290	Ant1	5290	0	0	25	Pass
-20C 120V	ax80	5290	Ant1	5290	0	0	25	Pass
-10C 120V	ax80	5290	Ant1	5290	0	0	25	Pass
0C 120V	ax80	5290	Ant1	5290	0	0	25	Pass
10C 120V	ax80	5290	Ant1	5290	0	0	25	Pass
30C 120V	ax80	5290	Ant1	5290	0	0	25	Pass
40C 120V	ax80	5290	Ant1	5290	0	0	25	Pass
50C 120V	ax80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
20C 102V	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
20C 120V	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
20C 138V	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
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30C 120V	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
40C 120V	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
50C 120V	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
20C 102V	ax20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 120V	ax20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 138V	ax20	5180	Ant1	5180	0	0	25	Pass
-20C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-10C 120V	ax20	5180	Ant1	5180	0	0	25	Pass
0C 120V	ax20	5180	Ant1	5180	0	0	25	Pass
10C 120V	ax20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
30C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40C 120V	ax20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
50C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	ax20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
20C 120V	ax20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
20C 138V	ax20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
-20C 120V	ax20	5320	Ant1	5319.94	-60000	-11.28	25	Pass



-10C 120V	ax20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
0C 120V	ax20	5320	Ant1	5319.92	-80000	-15.04	25	Pass
10C 120V	ax20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30C 120V	ax20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
40C 120V	ax20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
50C 120V	ax20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 102V	ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 120V	ax20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
20C 138V	ax20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
-20C 120V	ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
-10C 120V	ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
0C 120V	ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
10C 120V	ax20	5500	Ant1	5499.9	-100000	-18.18	25	Pass
30C 120V	ax20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
40C 120V	ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
50C 120V	ax20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
20C 102V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-20C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-10C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
0C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
10C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
40C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 120V	ax40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
20C 102V	ax40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
20C 120V	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 138V	ax40	5310	Ant1	5310.04	40000	7.53	25	Pass
-20C 120V	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-10C 120V	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0C 120V	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
10C 120V	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30C 120V	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
40C 120V	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
50C 120V	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 102V	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 120V	ax40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
20C 138V	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-20C 120V	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-10C 120V	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0C 120V	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
10C 120V	ax40	5510	Ant1	5509.92	-80000	-14.52	25	Pass



30C 120V	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
40C 120V	ax40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
50C 120V	ax40	5510	Ant1	5509.92	-80000	-14.52	25	Pass



7 Conducted RF Spurious Emission

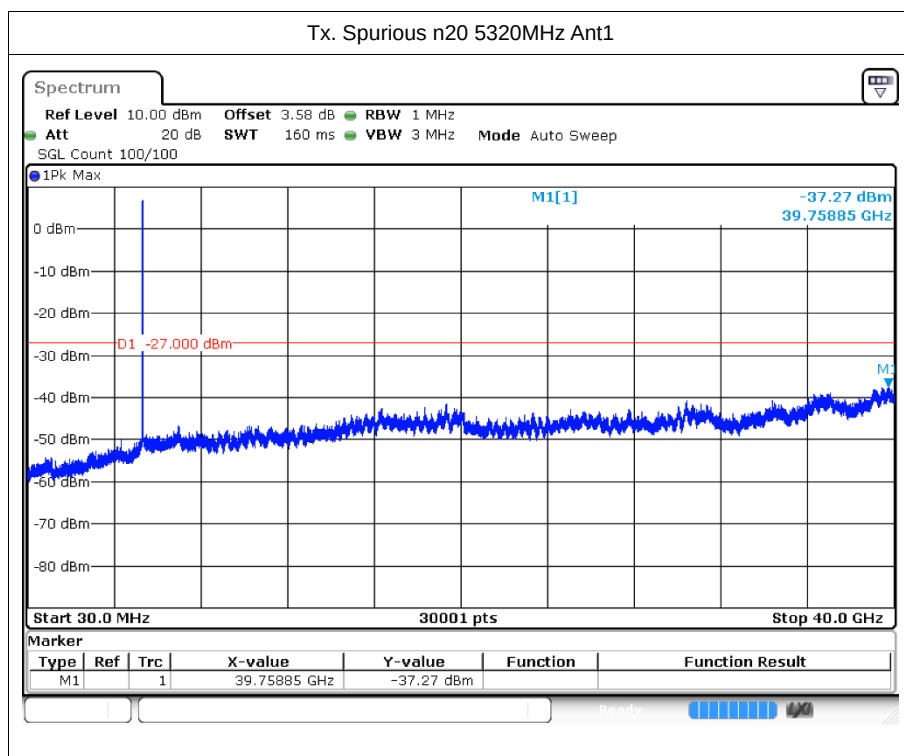
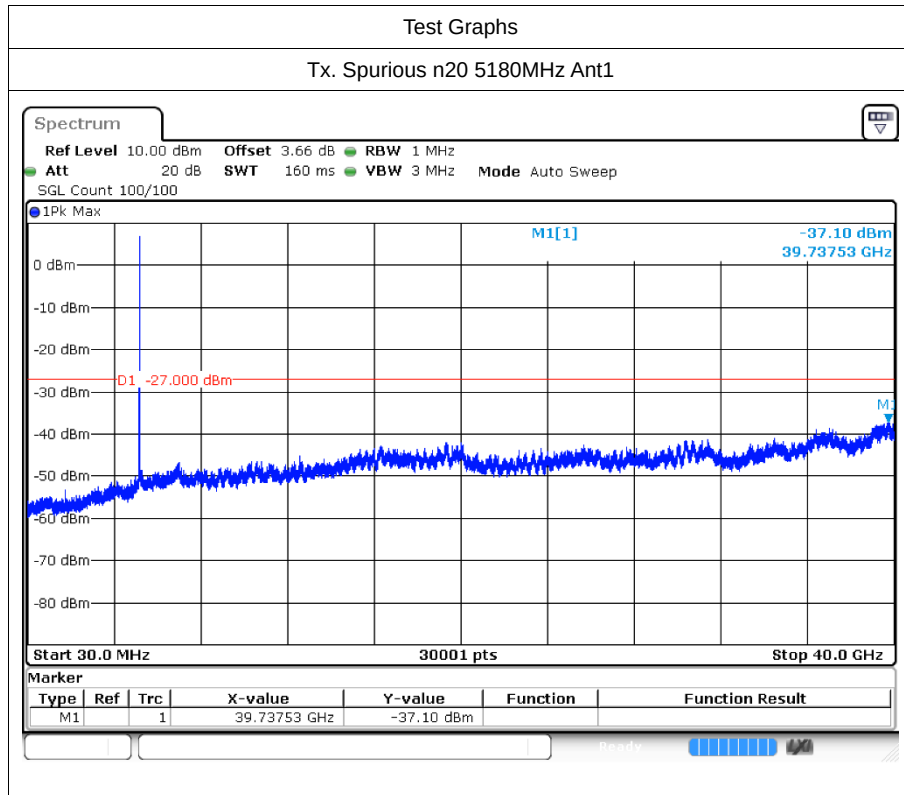
7.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
n20	5180	Ant1	-37.09	-27	Pass
n20	5320	Ant1	-37.26	-27	Pass
n20	5500	Ant1	-36.67	-27	Pass
n40	5190	Ant1	-35.45	-27	Pass
n40	5310	Ant1	-37.3	-27	Pass
n40	5510	Ant1	-36.18	-27	Pass
ac20	5180	Ant1	-37.17	-27	Pass
ac20	5320	Ant1	-35.96	-27	Pass
ac20	5500	Ant1	-36.78	-27	Pass
ac40	5190	Ant1	-36.09	-27	Pass
ac40	5310	Ant1	-36.59	-27	Pass
ac40	5510	Ant1	-36.44	-27	Pass
ax80	5210	Ant1	-36.1	-27	Pass
ax80	5290	Ant1	-35.39	-27	Pass
ax80	5530	Ant1	-36.87	-27	Pass
ax20	5180	Ant1	-37.07	-27	Pass
ax20	5320	Ant1	-37.29	-27	Pass
ax20	5500	Ant1	-36.99	-27	Pass
ax40	5190	Ant1	-35.97	-27	Pass
ax40	5310	Ant1	-36.74	-27	Pass
ax40	5510	Ant1	-37.04	-27	Pass
n20	5180	Ant2	-37.3	-27	Pass
n20	5320	Ant2	-36.53	-27	Pass
n20	5500	Ant2	-36.84	-27	Pass
n40	5190	Ant2	-36.24	-27	Pass
n40	5310	Ant2	-36.62	-27	Pass
n40	5510	Ant2	-36.77	-27	Pass
ac20	5180	Ant2	-35.93	-27	Pass
ac20	5320	Ant2	-36.96	-27	Pass
ac20	5500	Ant2	-36.68	-27	Pass
ac40	5190	Ant2	-36.18	-27	Pass
ac40	5310	Ant2	-36.53	-27	Pass
ac40	5510	Ant2	-36.52	-27	Pass
ax80	5210	Ant2	-36.41	-27	Pass
ax80	5290	Ant2	-36.68	-27	Pass
ax80	5530	Ant2	-37	-27	Pass
ax20	5180	Ant2	-37.11	-27	Pass

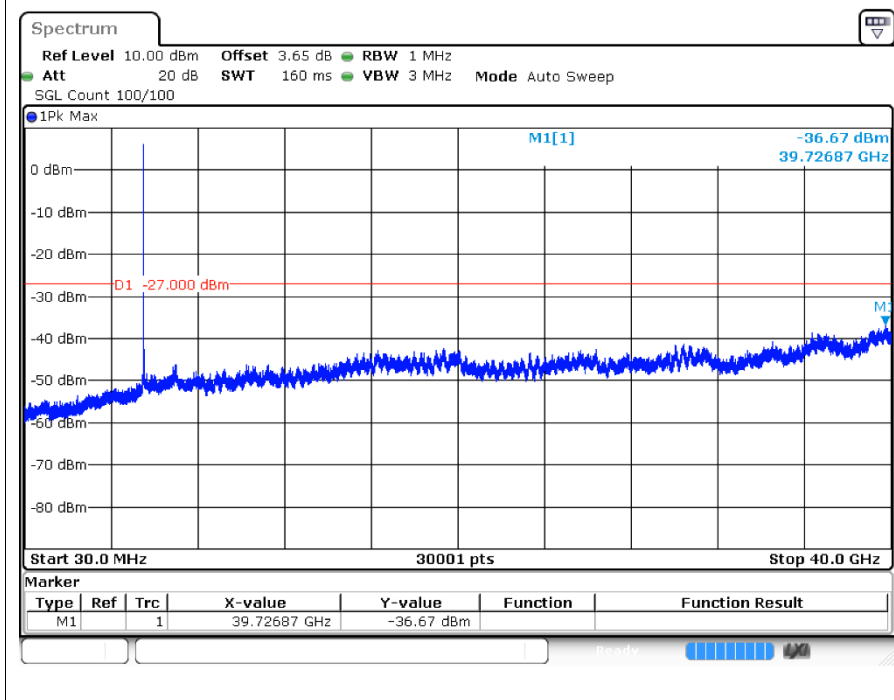


ax20	5320	Ant2	-35.84	-27	Pass
ax20	5500	Ant2	-36.9	-27	Pass
ax40	5190	Ant2	-37.11	-27	Pass
ax40	5310	Ant2	-36.26	-27	Pass
ax40	5510	Ant2	-36.73	-27	Pass

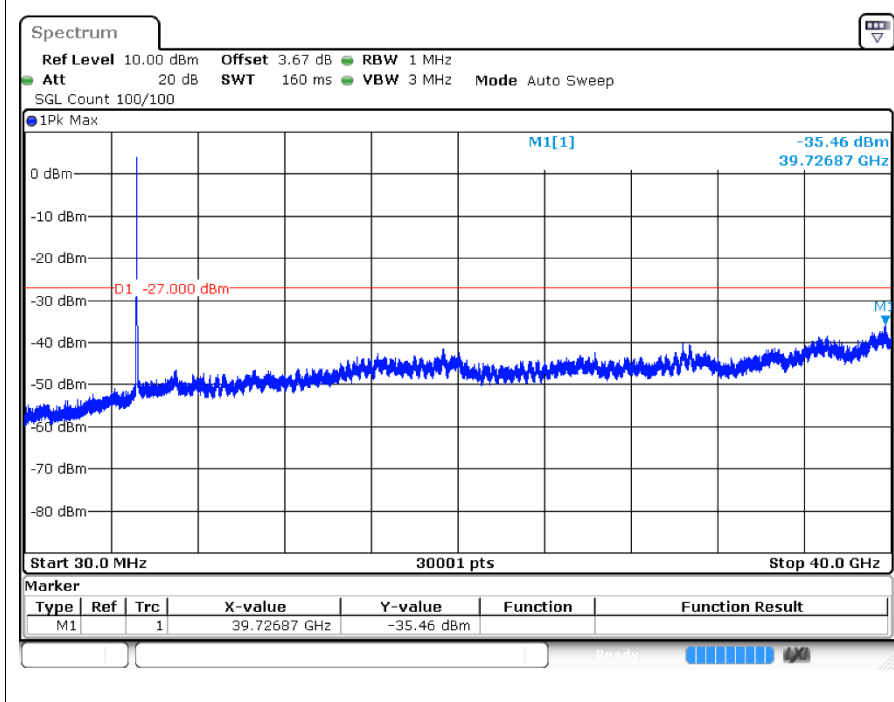
7.2 Test Graphs



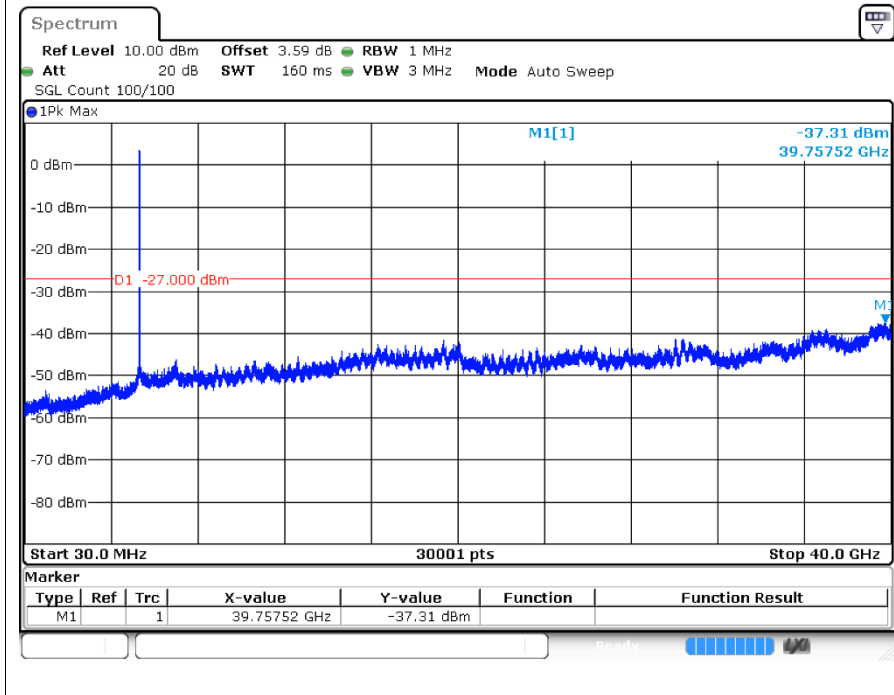
Tx. Spurious n20 5500MHz Ant1



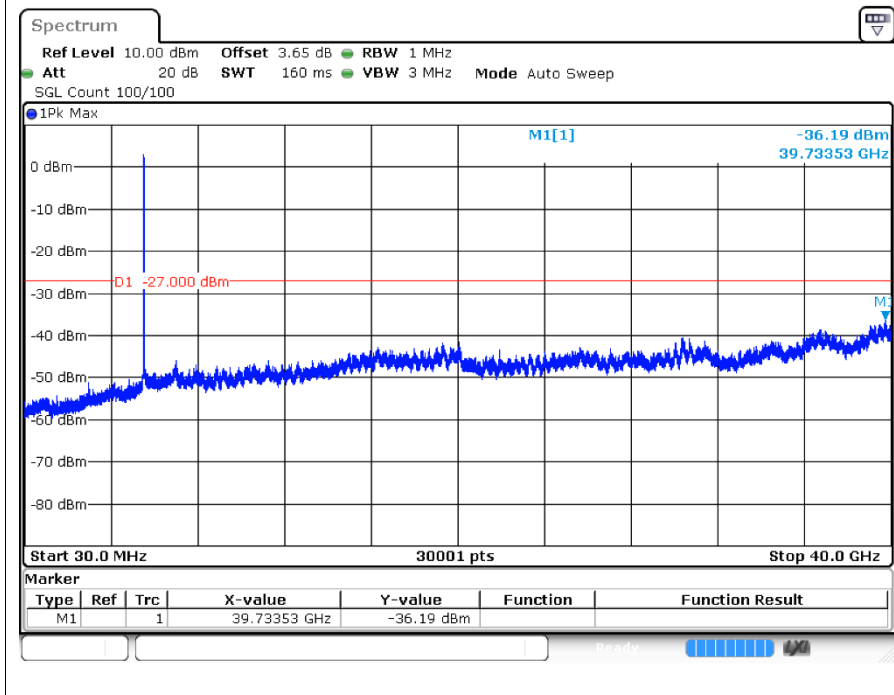
Tx. Spuriousn40 5190MHz Ant1



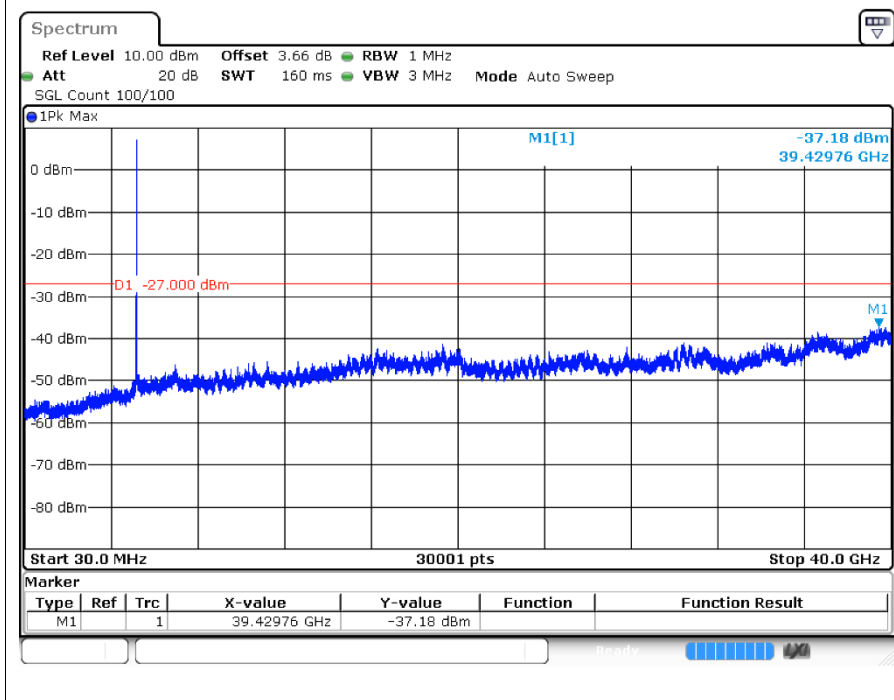
Tx. Spurious n40 5310MHz Ant1



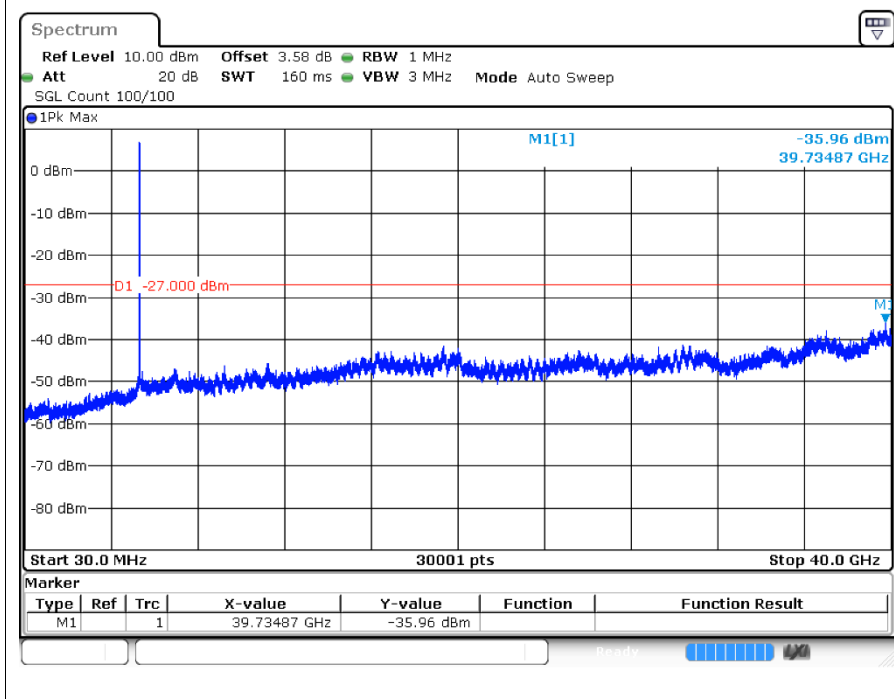
Tx. Spuriousn40 5510MHz Ant1

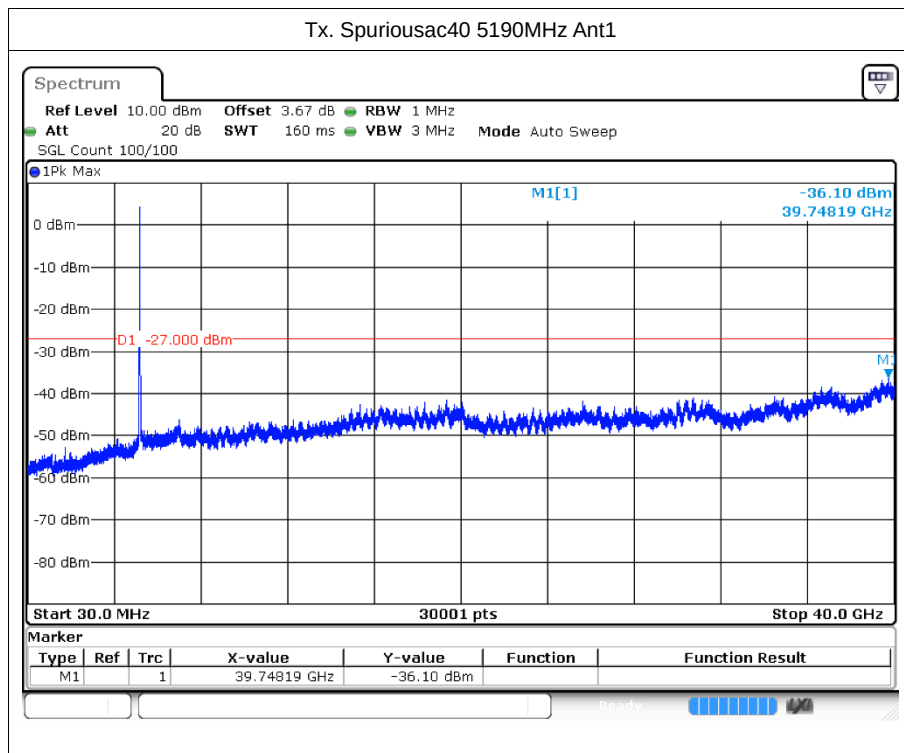
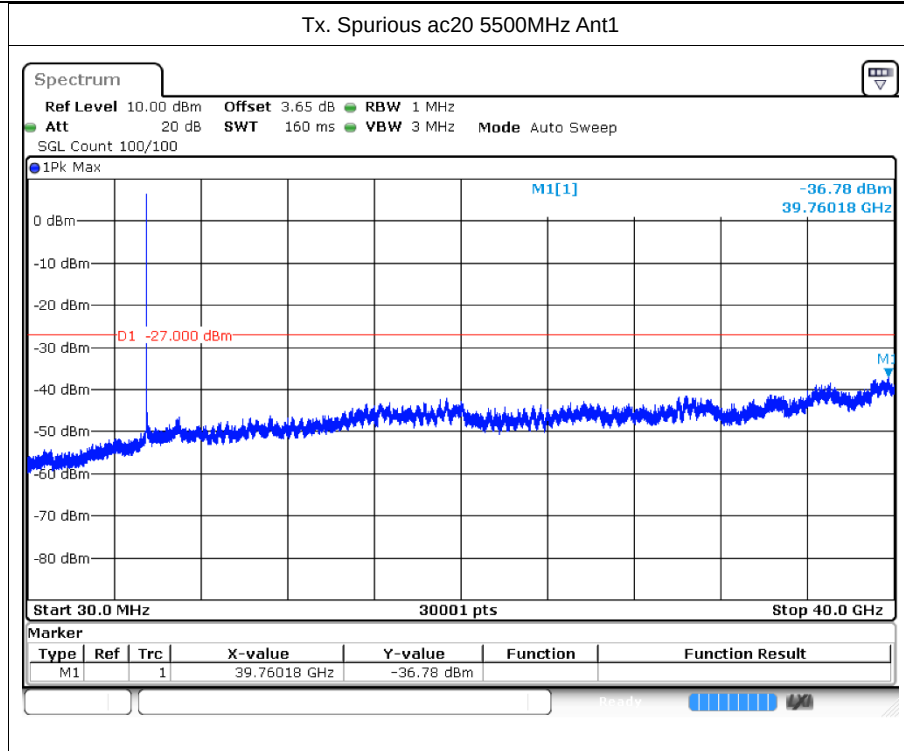


Tx. Spurious ac20 5180MHz Ant1

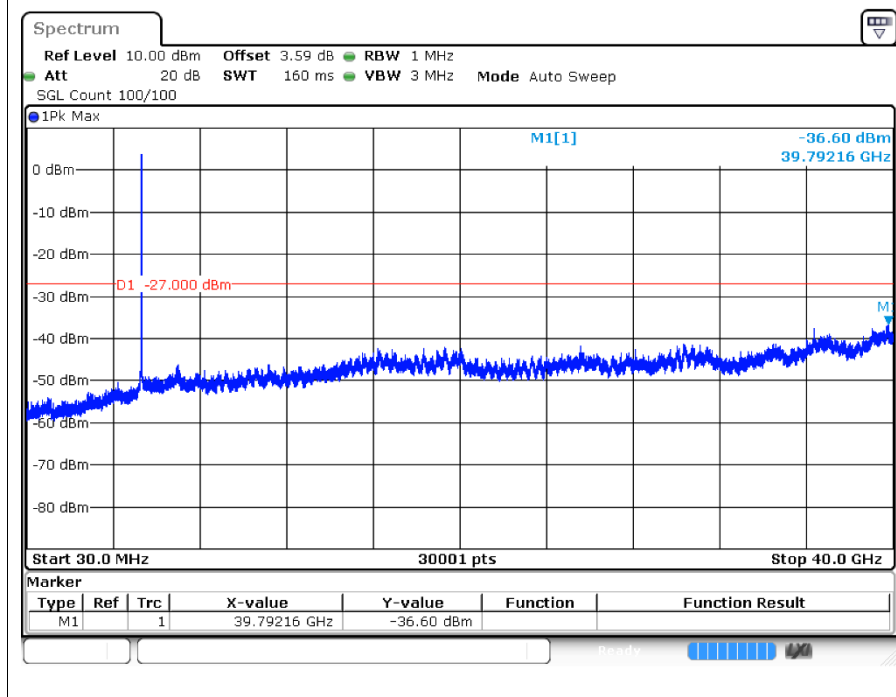


Tx. Spurious ac20 5320MHz Ant1

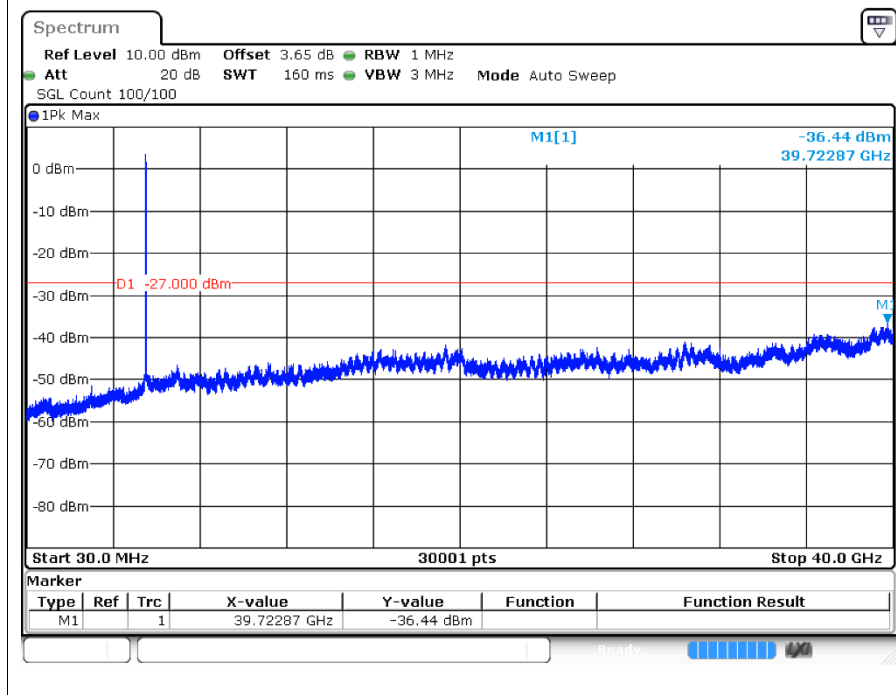




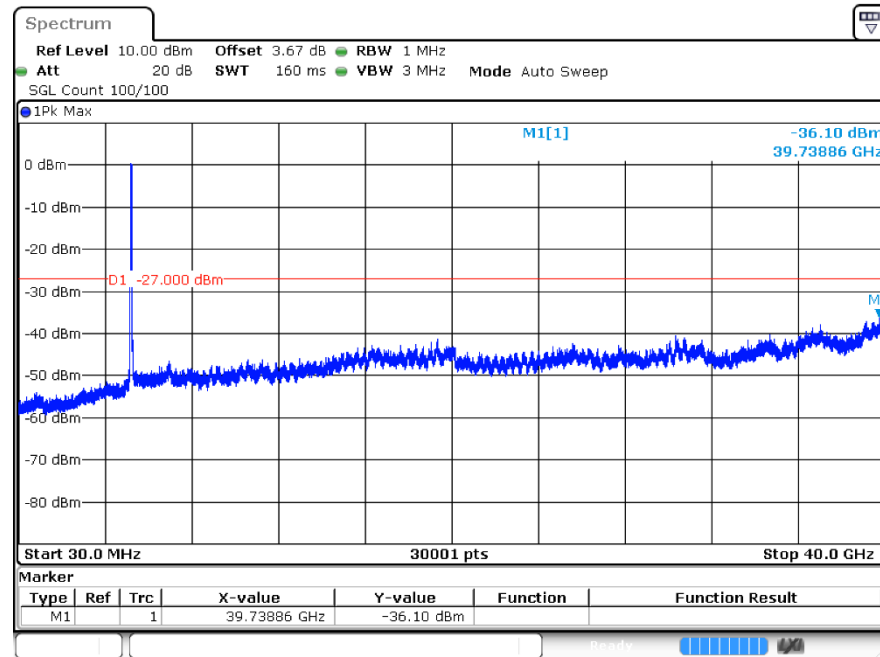
Tx. Spurious ac40 5310MHz Ant1



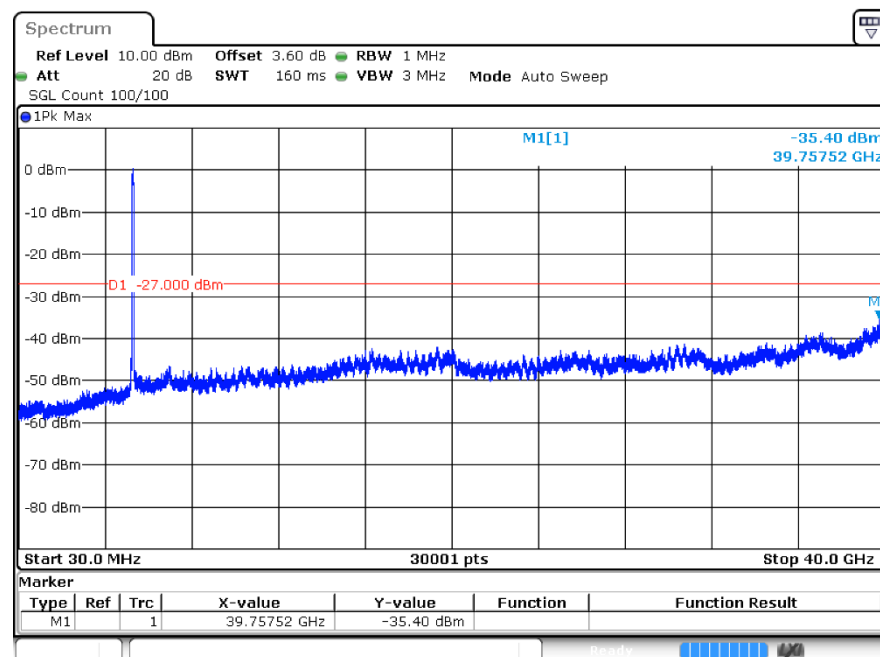
Tx. Spuriousac40 5510MHz Ant1



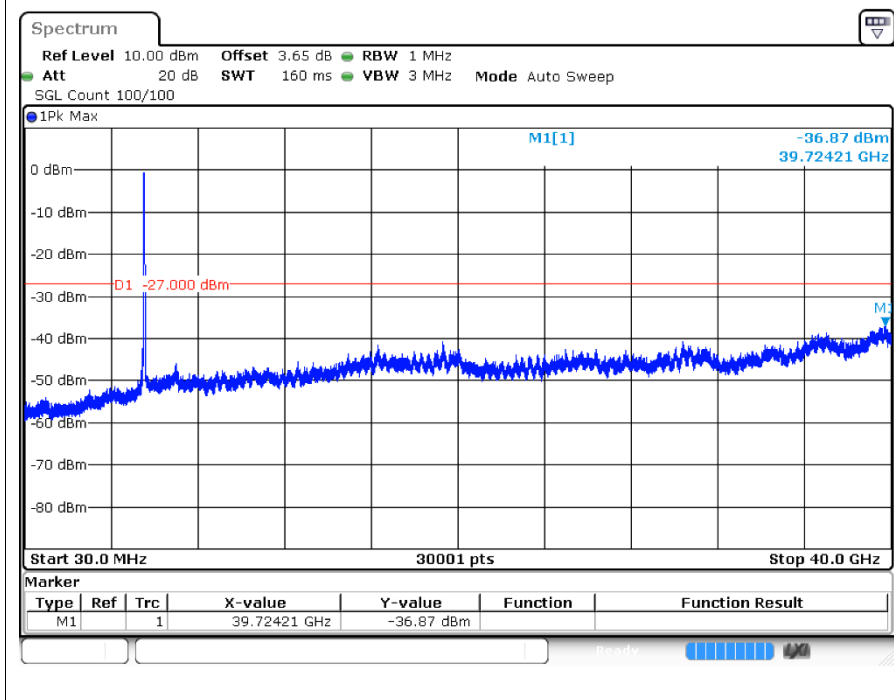
Tx. Spuriousax80 5210MHz Ant1



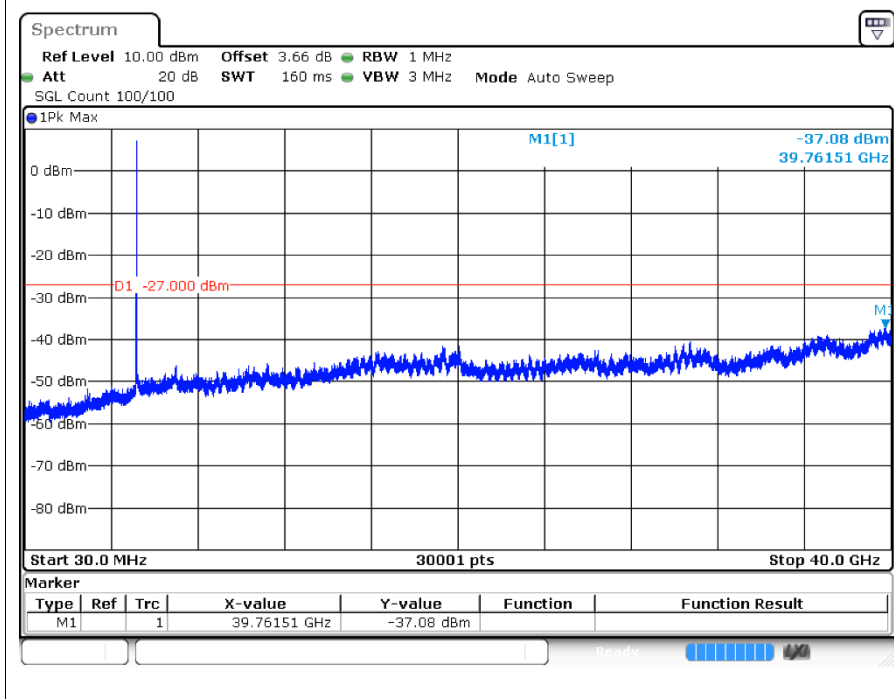
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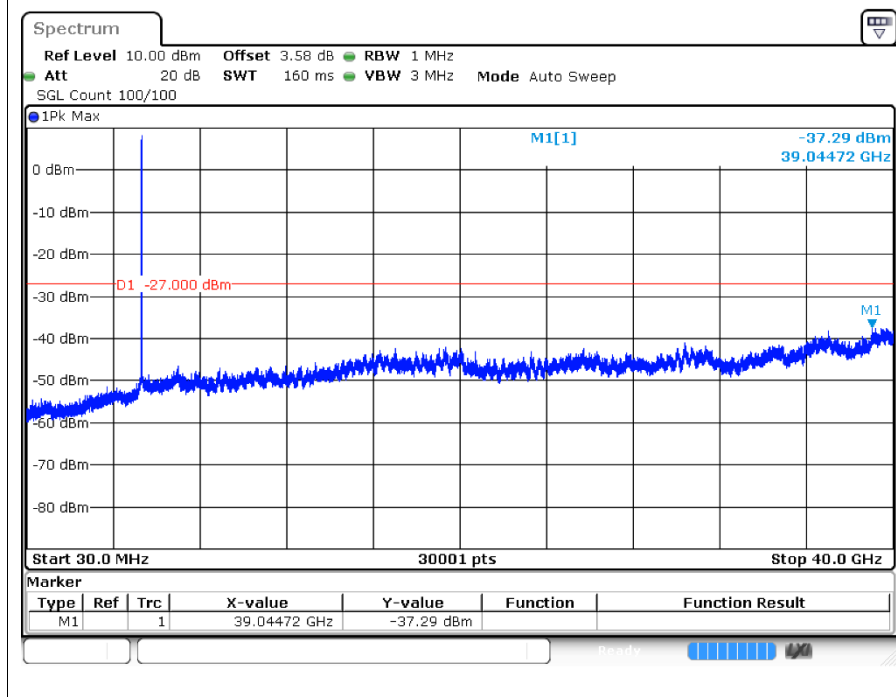
Tx. Spurious ax80 5530MHz Ant1



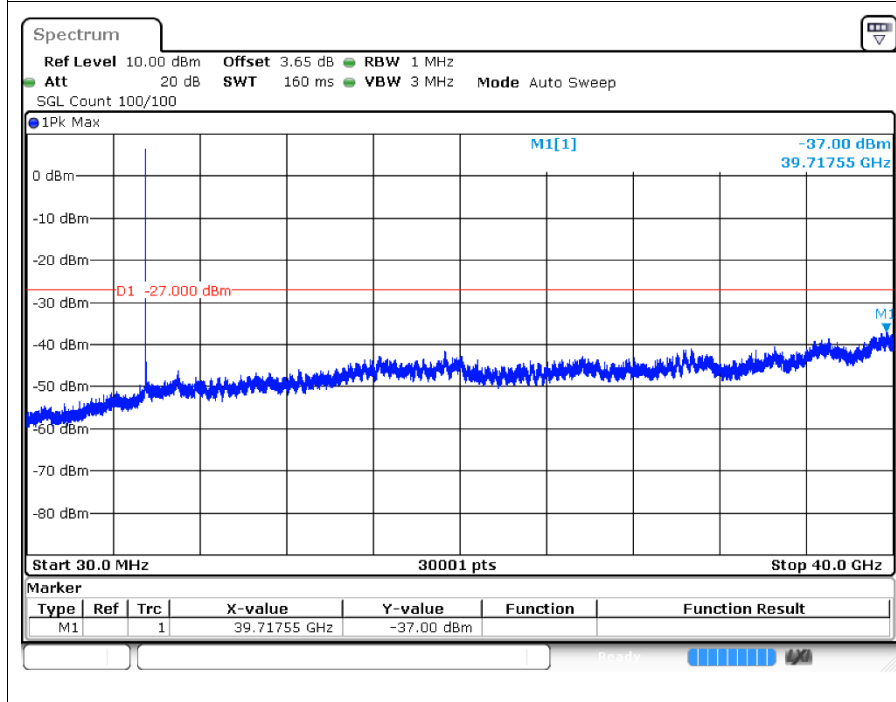
Tx. Spurious ax20 5180MHz Ant1



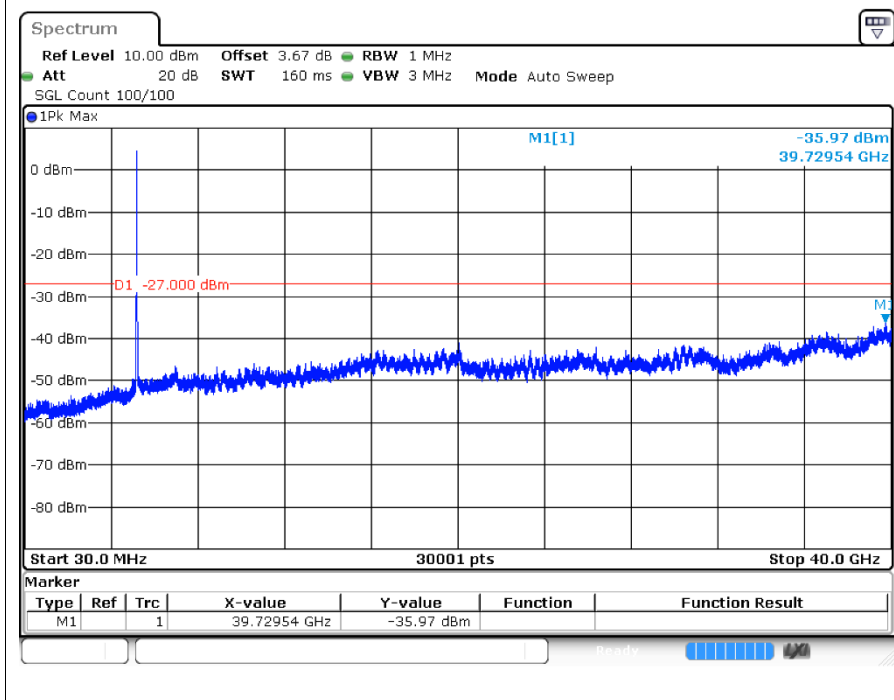
Tx. Spurious ax20 5320MHz Ant1



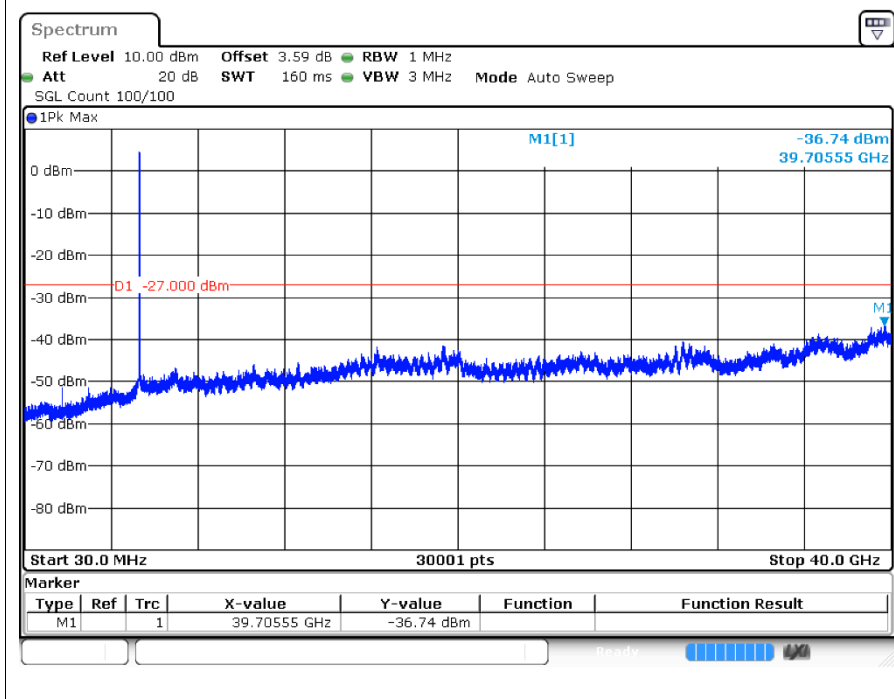
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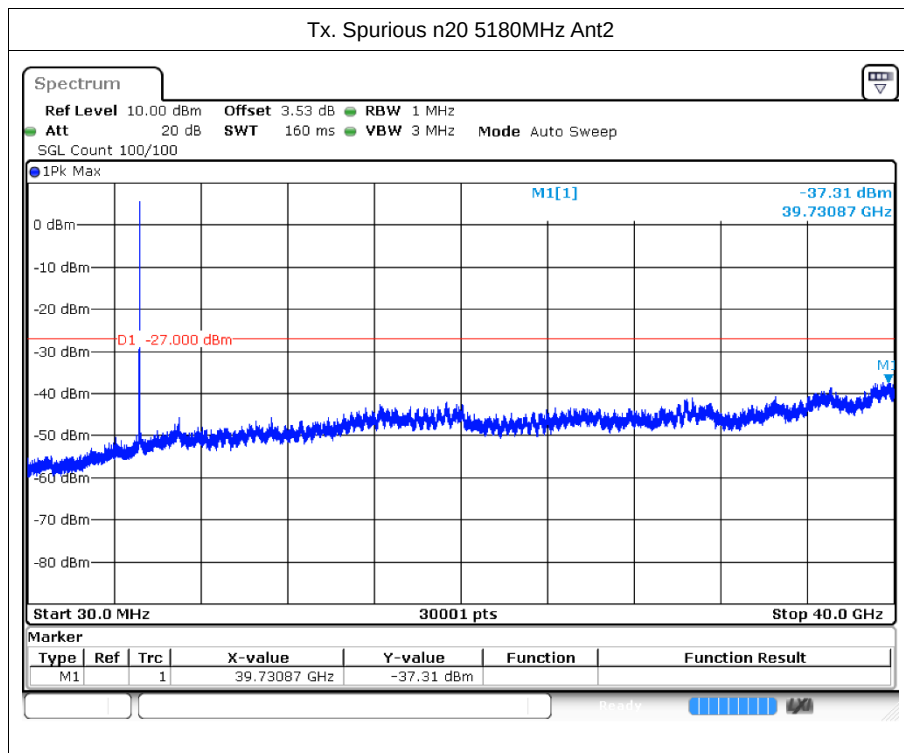
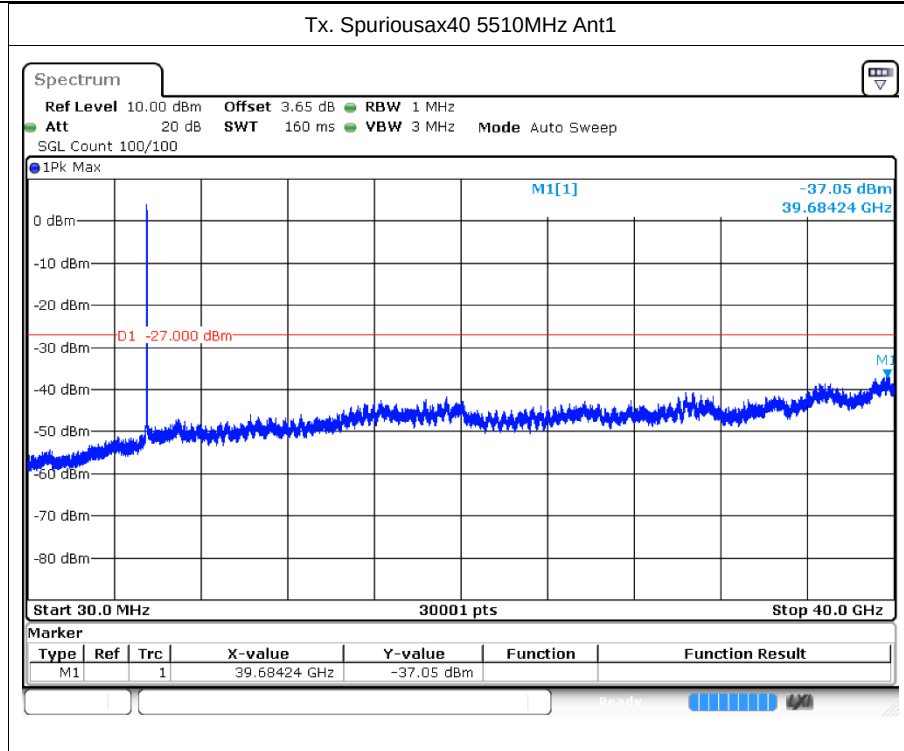


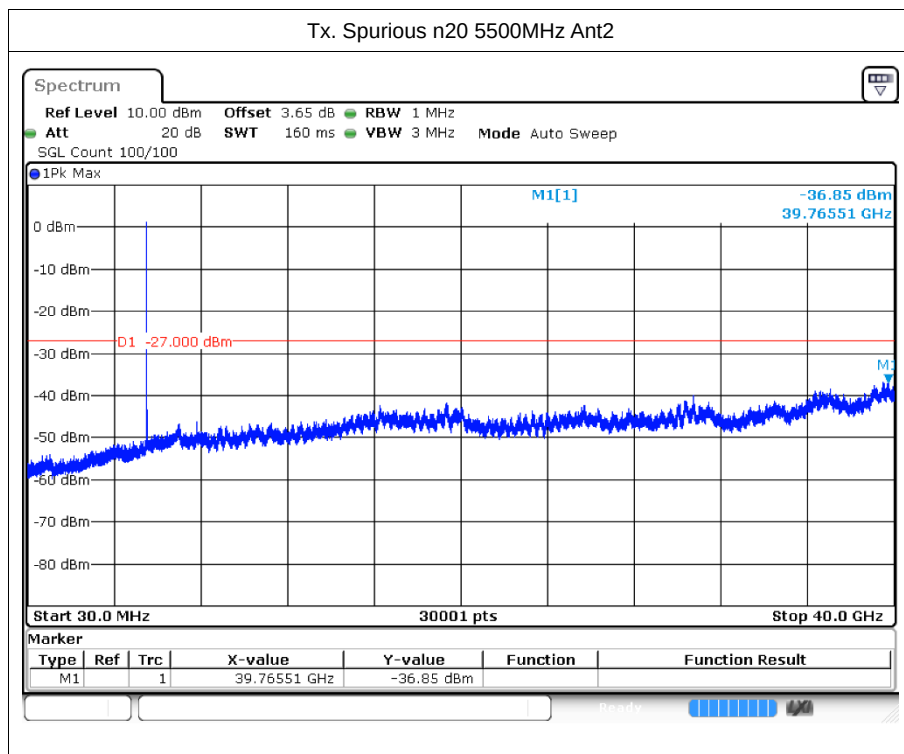
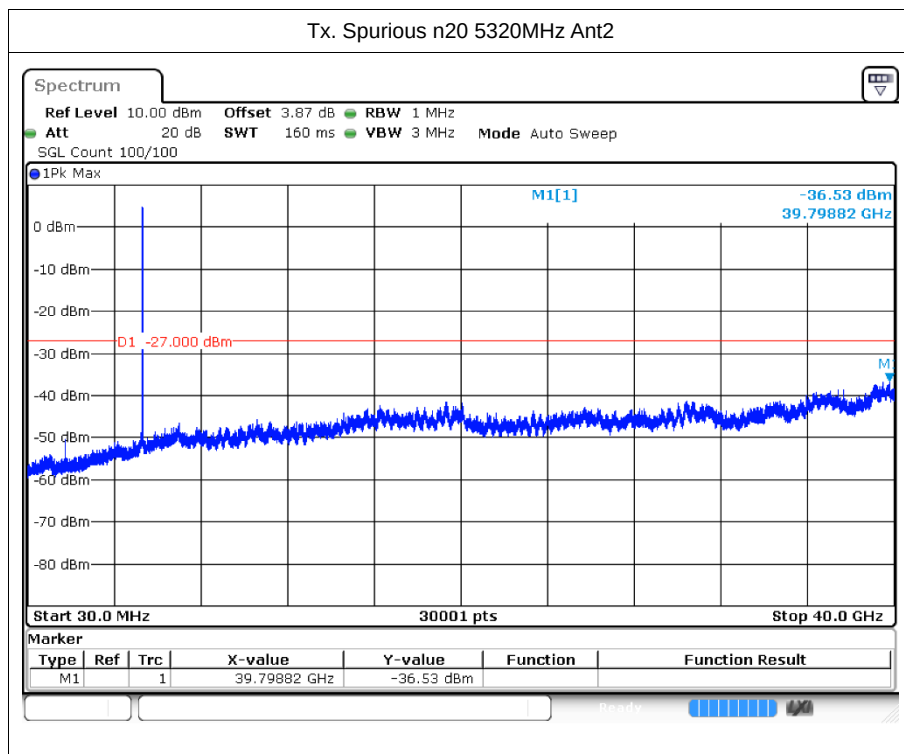
Tx. Spuriousax40 5190MHz Ant1

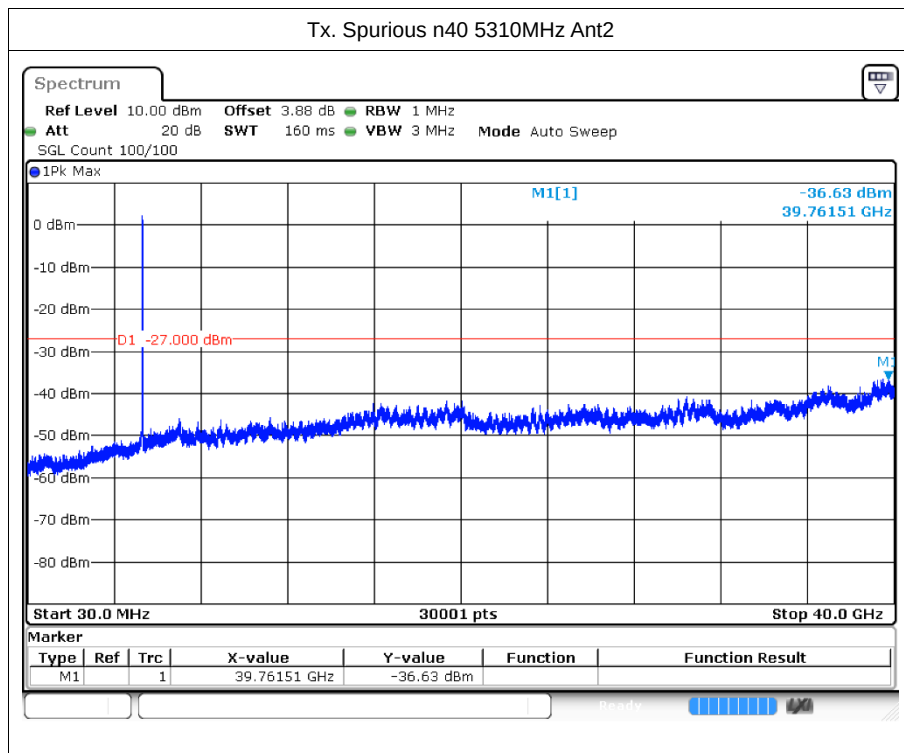
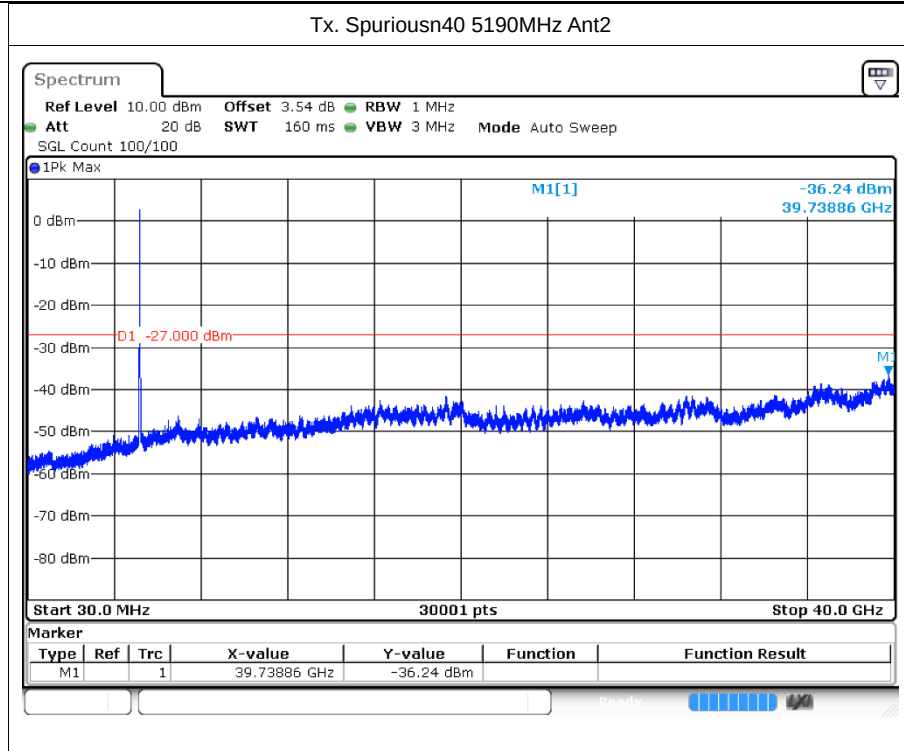


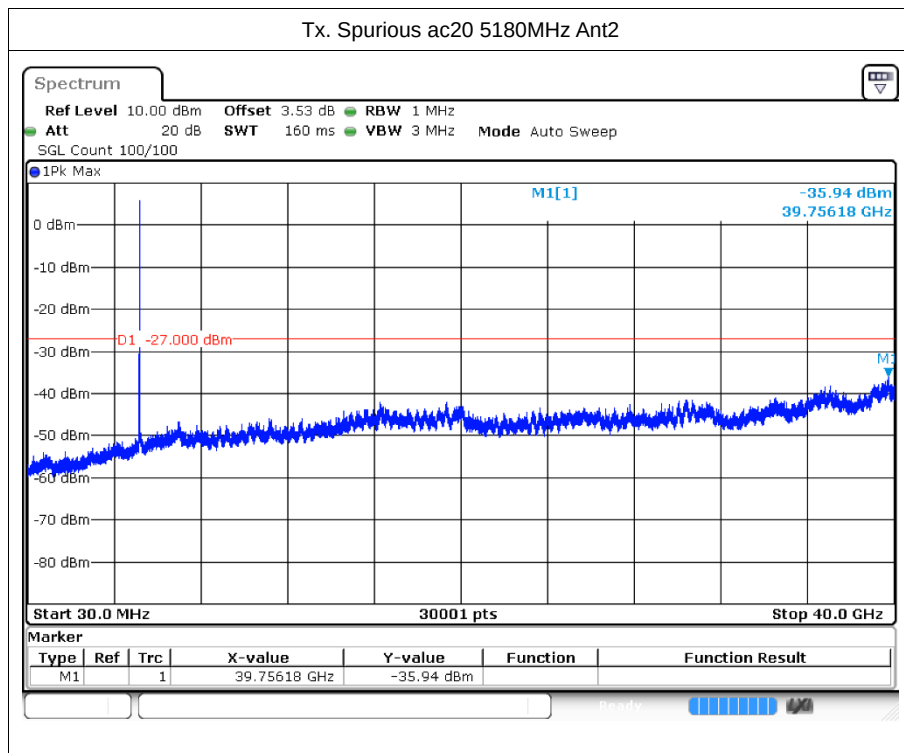
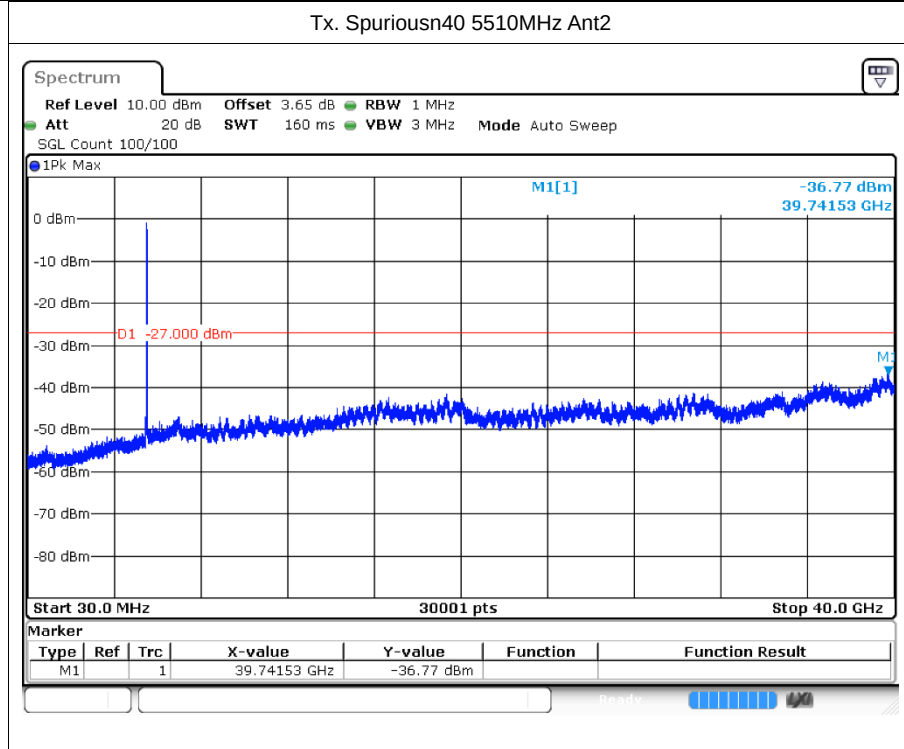
Tx. Spurious ax40 5310MHz Ant1



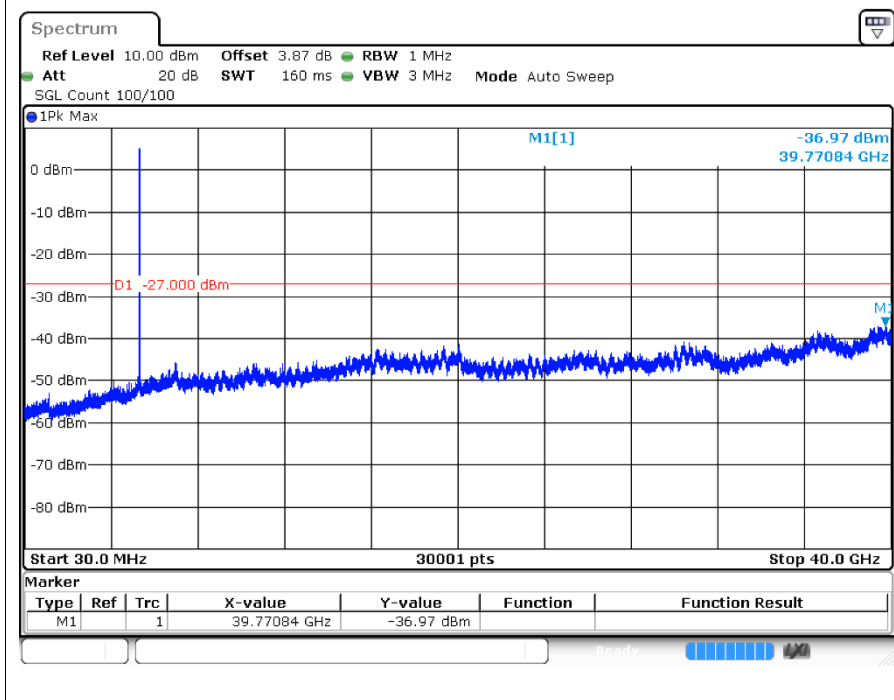




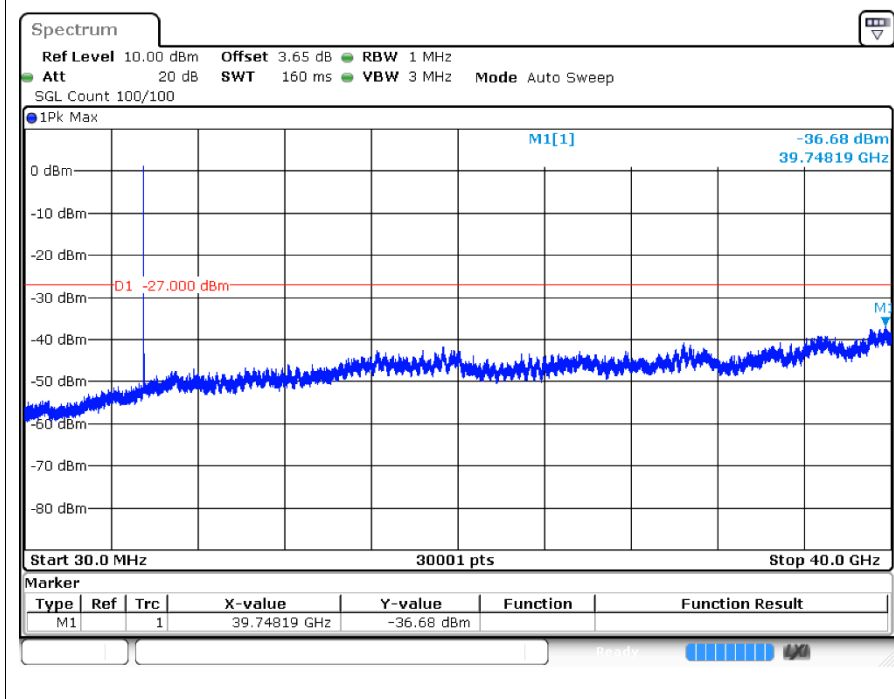




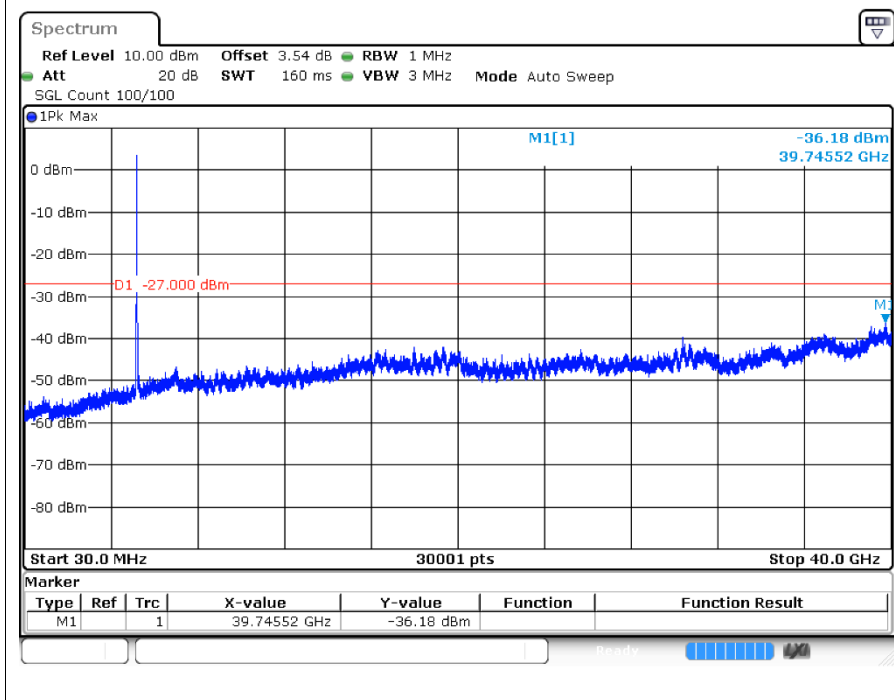
Tx. Spurious ac20 5320MHz Ant2



Tx. Spurious ac20 5500MHz Ant2



Tx. Spuriousac40 5190MHz Ant2



Tx. Spurious ac40 5310MHz Ant2

