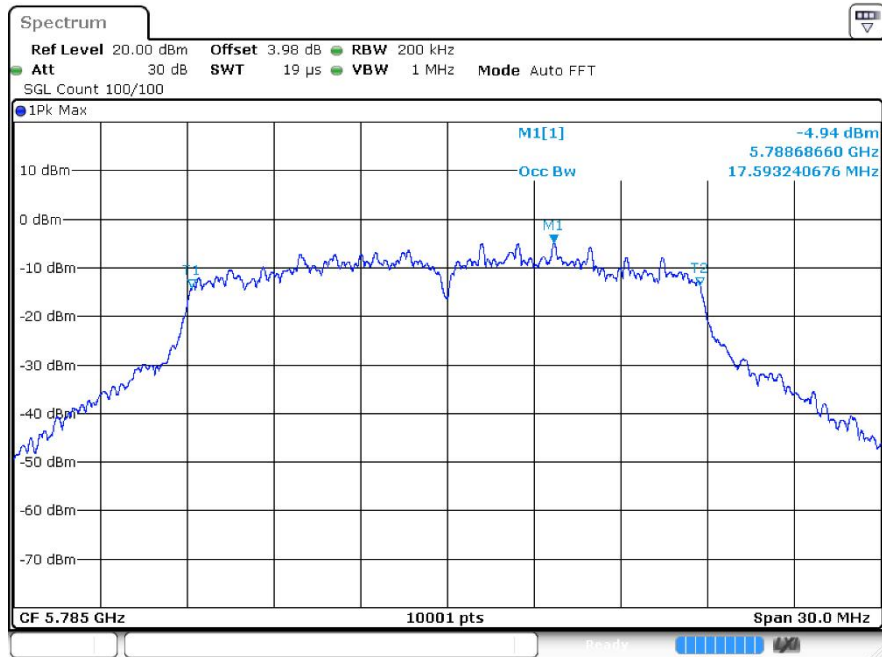
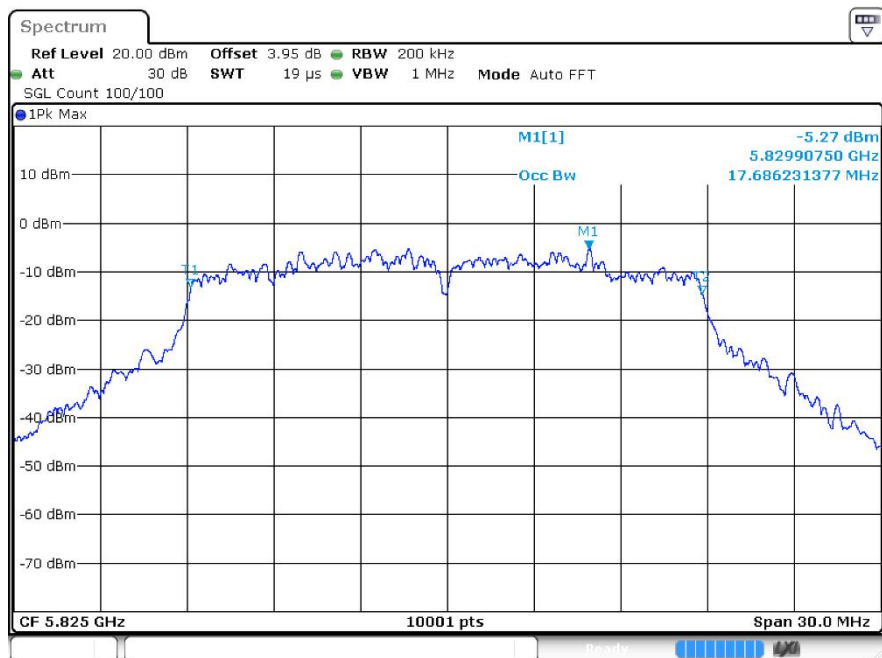


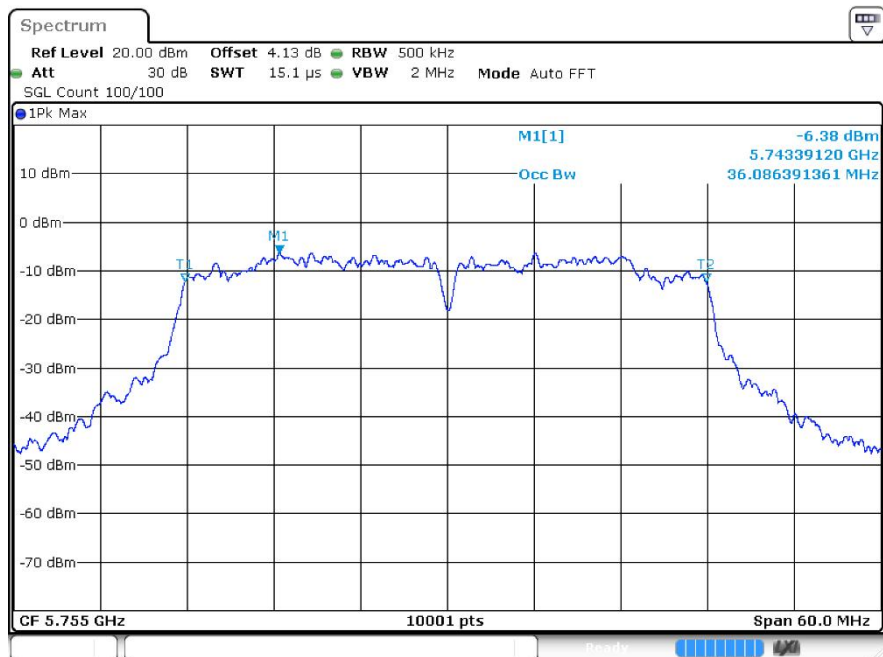
OBW n20 5785MHz Ant2



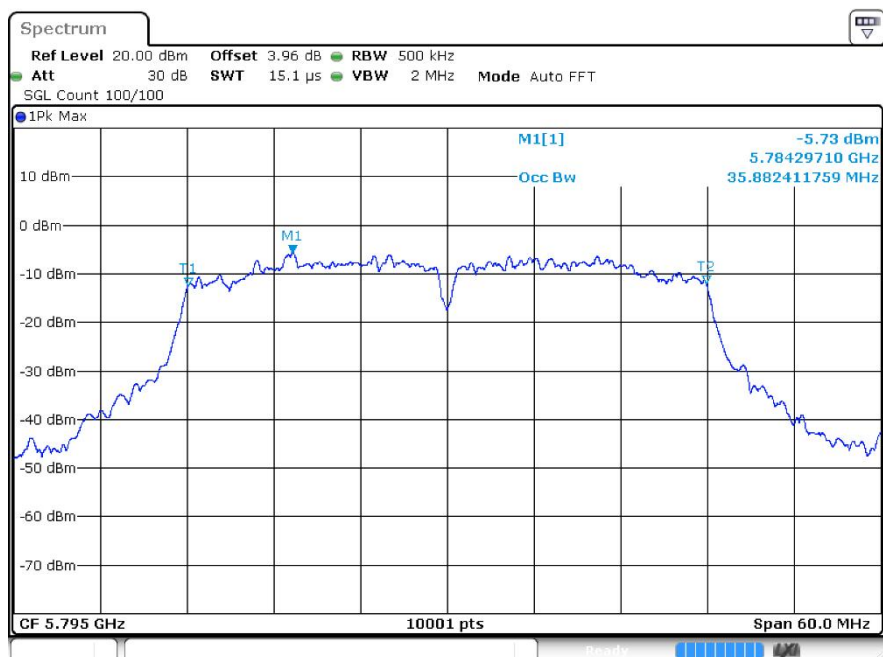
OBW n20 5825MHz Ant2



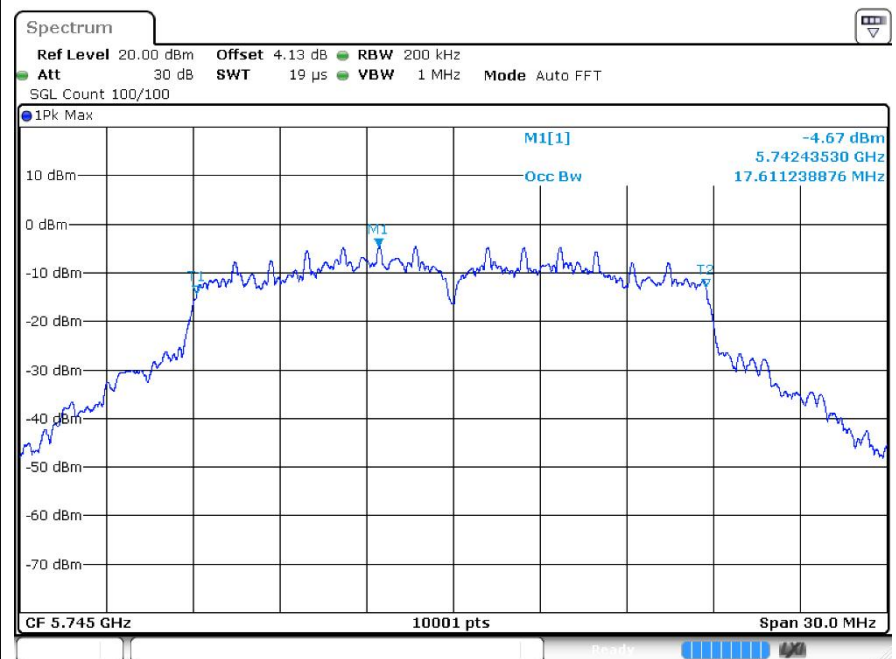
OBW n40 5755MHz Ant2



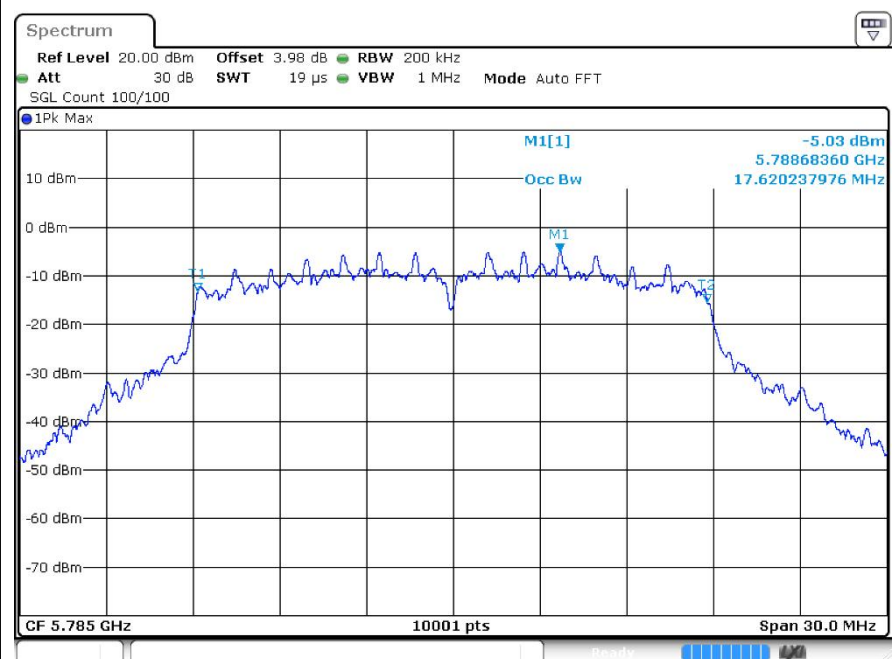
OBW n40 5795MHz Ant2



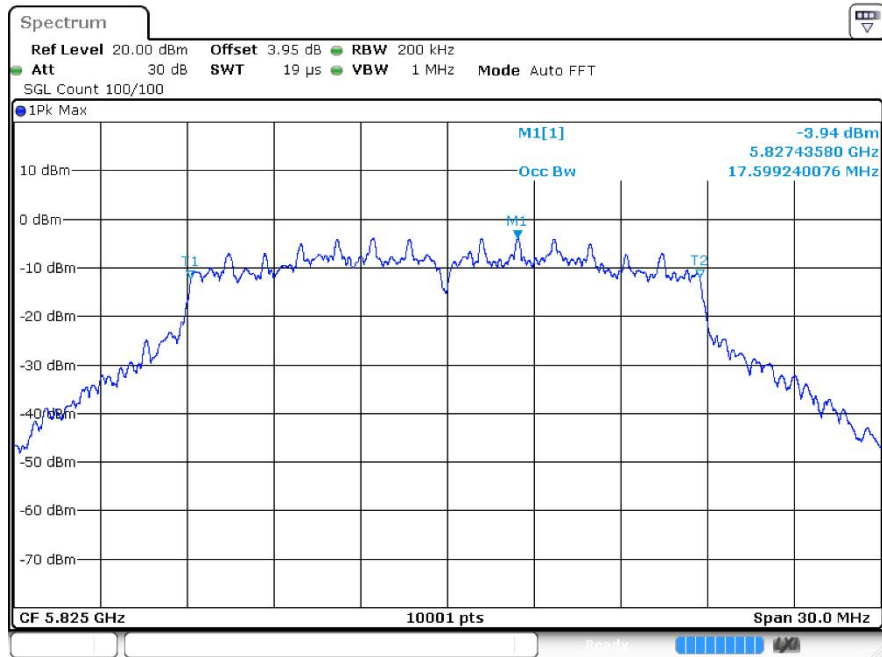
OBW ac20 5745MHz Ant2



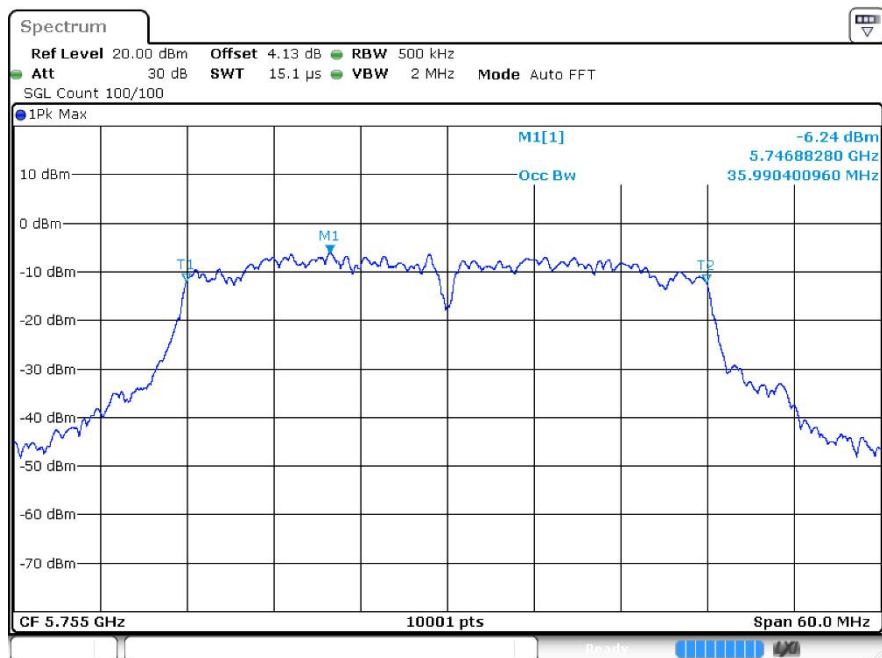
OBW ac20 5785MHz Ant2



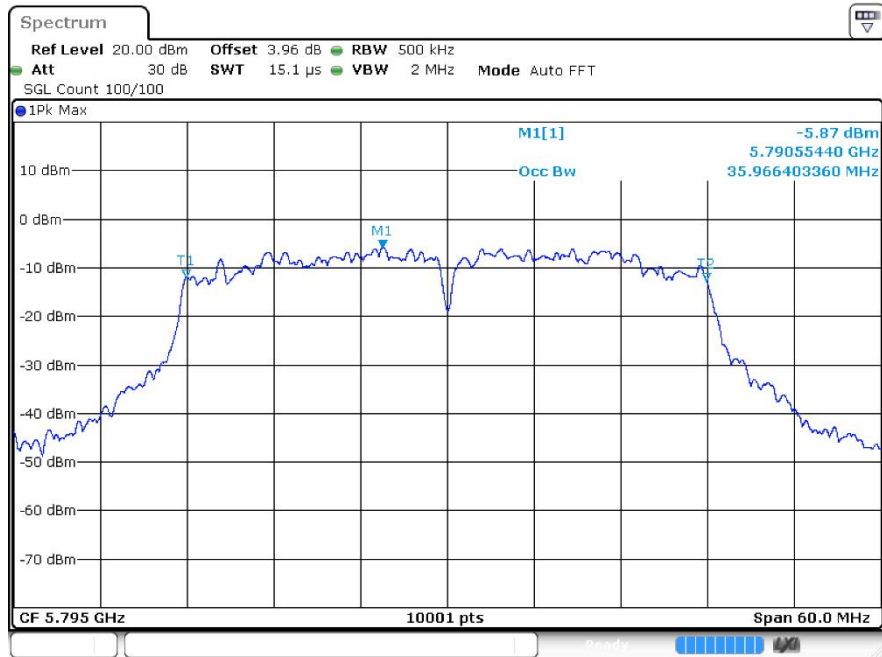
OBW ac20 5825MHz Ant2



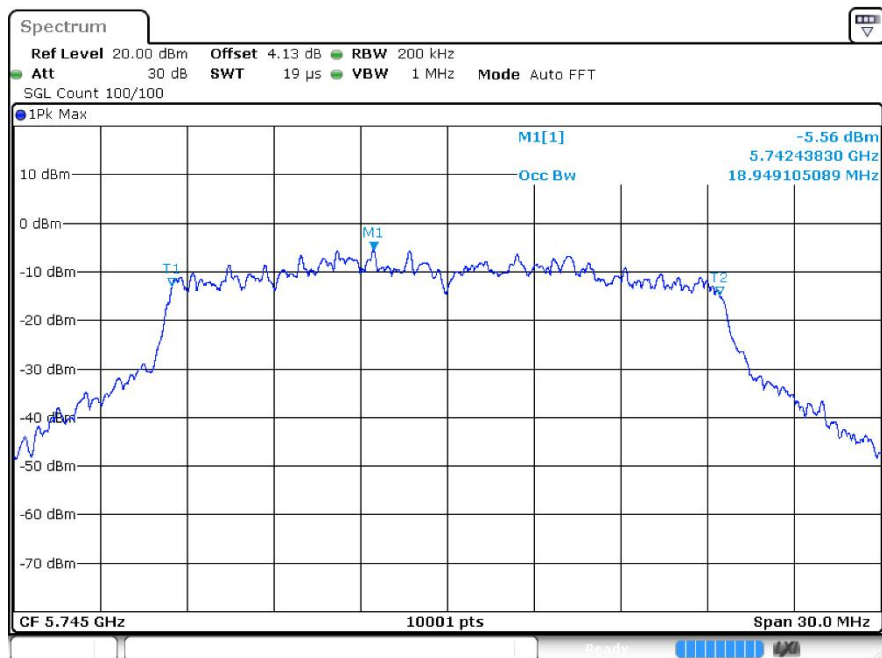
OBW ac40 5755MHz Ant2



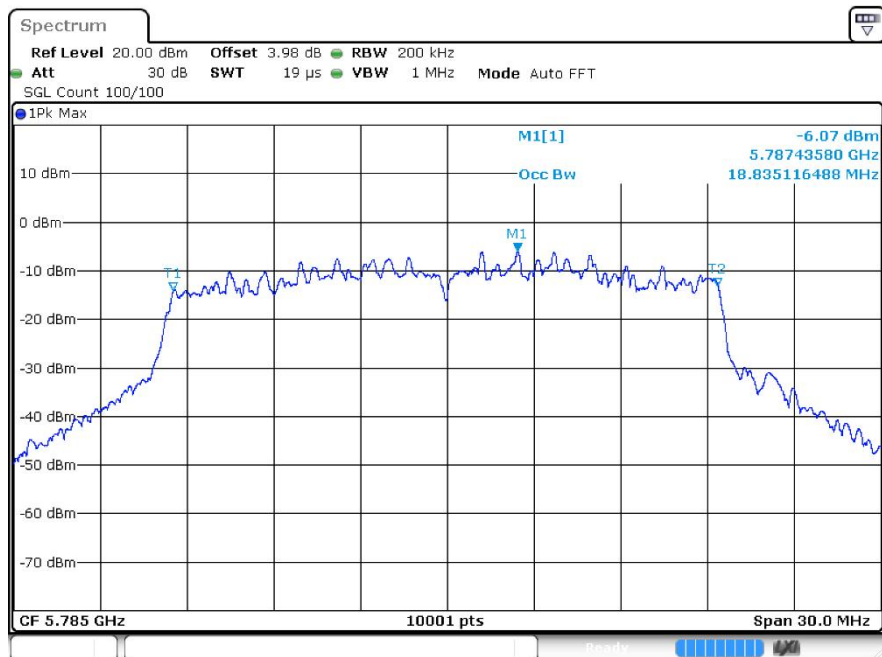
OBW ac40 5795MHz Ant2



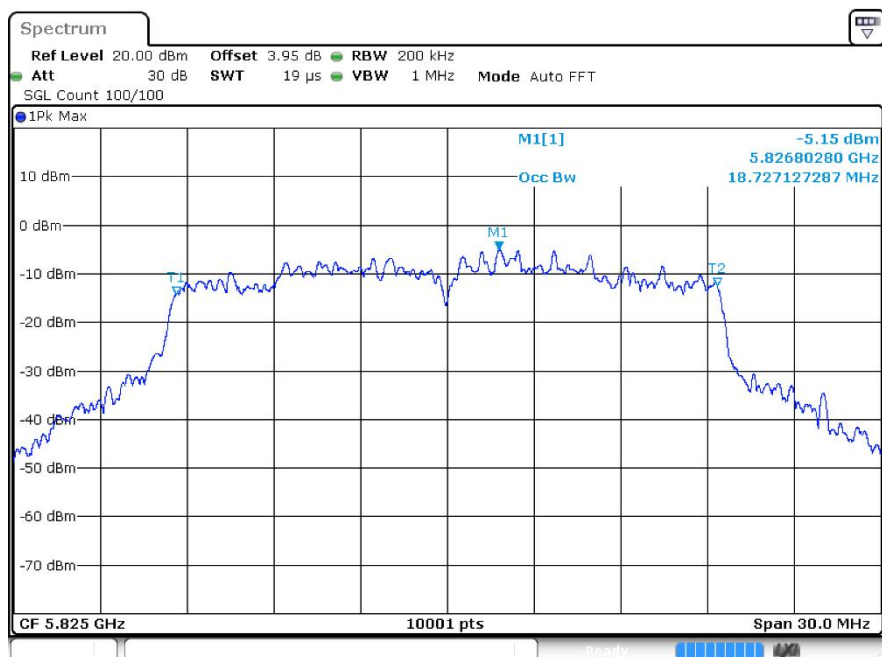
OBW ax20 5745MHz Ant2



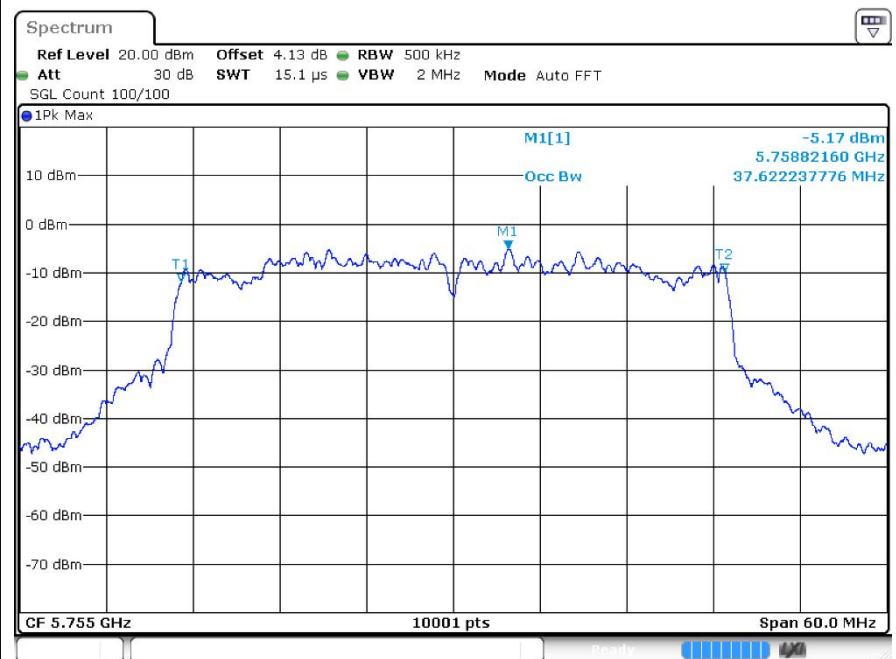
OBW ax20 5785MHz Ant2



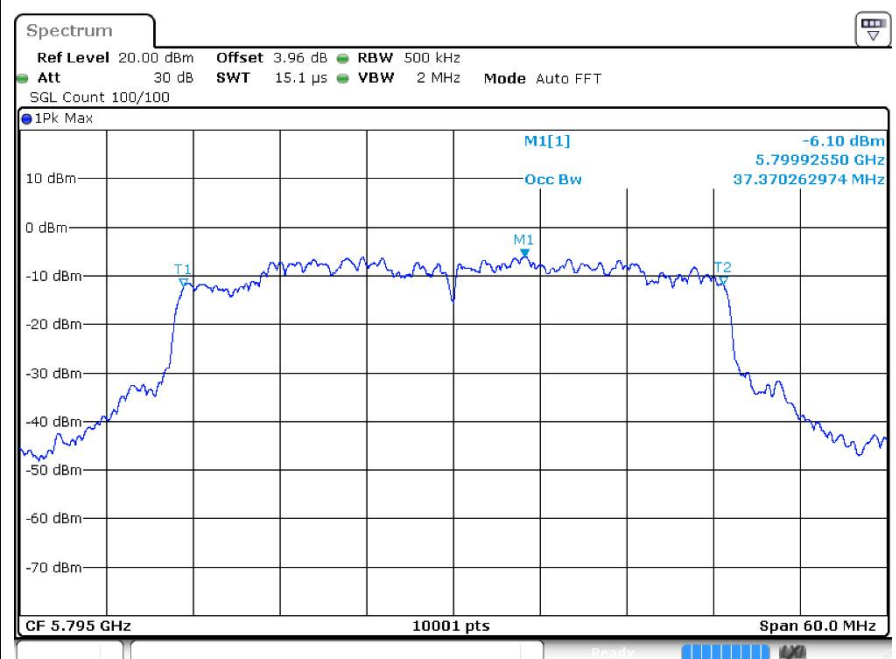
OBW ax20 5825MHz Ant2



OBW ax40 5755MHz Ant2



OBW ax40 5795MHz Ant2





5 Maximum Power Spectral Density Level

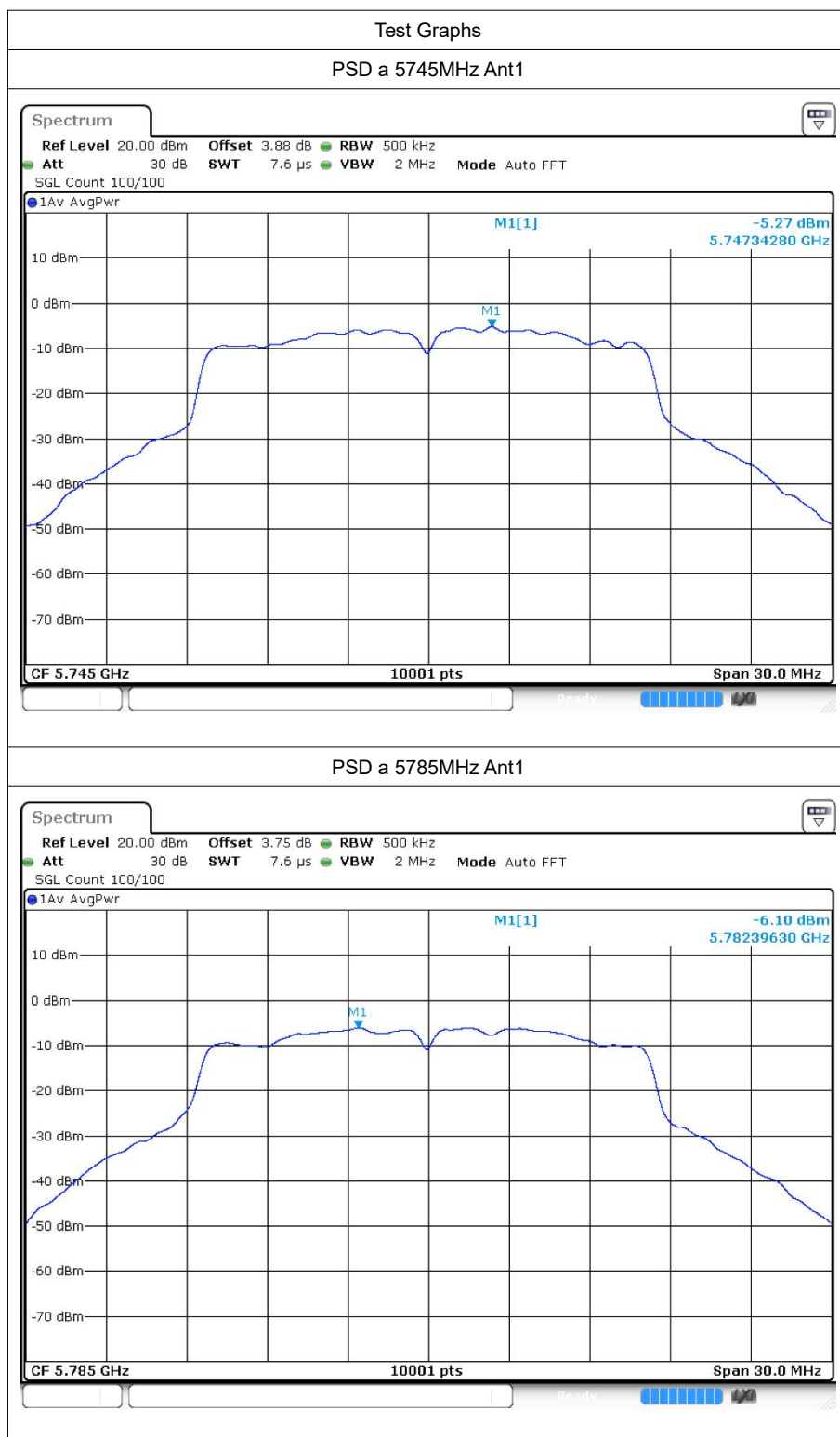
5.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5745	Ant1	-5.27	0.61	-4.66	30	Pass
a	5785	Ant1	-6.1	0.6	-5.5	30	Pass
a	5825	Ant1	-7.64	0.6	-7.04	30	Pass
a	5745	Ant2	-7.2	0.61	-6.59	30	Pass
a	5785	Ant2	-7.18	0.6	-6.58	30	Pass
a	5825	Ant2	-6	0.61	-5.39	30	Pass
n20	5745	Ant1	-9.69	0.32	-9.37	30	Pass
n20	5745	Ant2	-10.31	0.32	-9.99	30	Pass
n20	5745	Sum	-	-		30	Pass
n20	5785	Ant1	-8.86	0.32	-8.54	30	Pass
n20	5785	Ant2	-10.4	0.31	-10.09	30	Pass
n20	5785	Sum	-	-		30	Pass
n20	5825	Ant1	-10.9	0.32	-10.58	30	Pass
n20	5825	Ant2	-9.22	0.32	-8.9	30	Pass
n20	5825	Sum	-	-		30	Pass
n40	5755	Ant1	-11.68	0.32	-11.36	30	Pass
n40	5755	Ant2	-13.07	0.38	-12.69	30	Pass
n40	5755	Sum		-		30	Pass
n40	5795	Ant1	-13.67	0.32	-13.35	30	Pass
n40	5795	Ant2	-13.82	0.39	-13.43	30	Pass
n40	5795	Sum	-	-		30	Pass
ac20	5745	Ant1	-8.88	0.6	-8.28	30	Pass
ac20	5745	Ant2	-9.77	0.6	-9.17	30	Pass
ac20	5745	Sum	-	-		30	Pass
ac20	5785	Ant1	-11	0.59	-10.41	30	Pass
ac20	5785	Ant2	-11.25	0.6	-10.65	30	Pass
ac20	5785	Sum	-	-		30	Pass
ac20	5825	Ant1	-10.52	0.6	-9.92	30	Pass
ac20	5825	Ant2	-9.81	0.59	-9.22	30	Pass
ac20	5825	Sum	-	-		30	Pass
ac40	5755	Ant1	-11.2	0.59	-10.61	30	Pass
ac40	5755	Ant2	-13.17	0.73	-12.44	30	Pass
ac40	5755	Sum	-	-		30	Pass
ac40	5795	Ant1	-13.43	0.59	-12.84	30	Pass
ac40	5795	Ant2	-13.9	0.75	-13.15	30	Pass

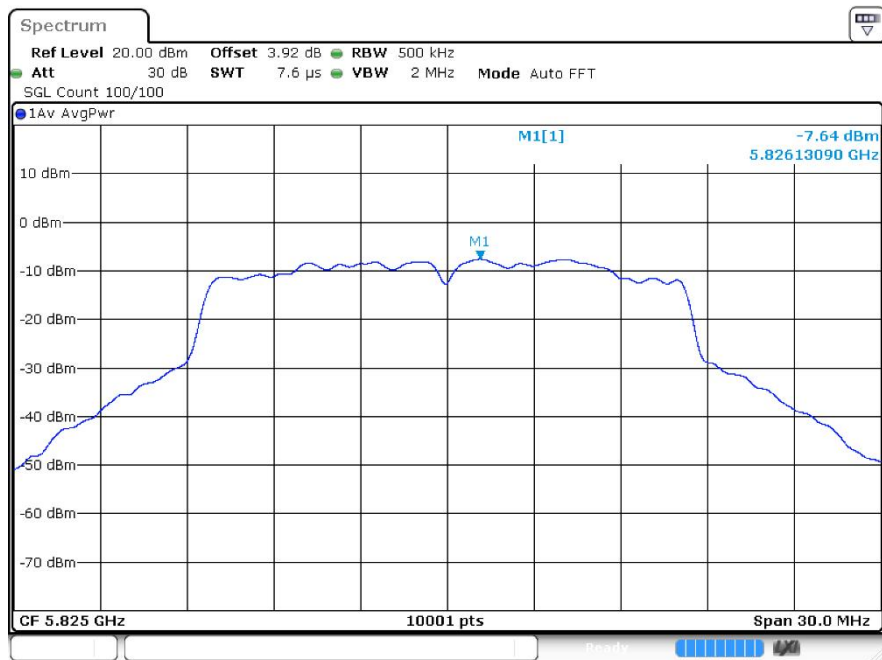


ac40	5795	Sum	-	-		30	Pass
ax20	5745	Ant1	-9.77	0.6	-9.17	30	Pass
ax20	5745	Ant2	-10.92	0.6	-10.32	30	Pass
ax20	5745	Sum	-	-		30	Pass
ax20	5785	Ant1	-10.29	0.61	-9.68	30	Pass
ax20	5785	Ant2	-11.41	0.6	-10.81	30	Pass
ax20	5785	Sum	-			30	Pass
ax20	5825	Ant1	-10.26	0.6	-9.66	30	Pass
ax20	5825	Ant2	-10.22	0.61	-9.61	30	Pass
ax20	5825	Sum	-	-		30	Pass
ax40	5755	Ant1	-12.18	0.58	-11.6	30	Pass
ax40	5755	Ant2	-13.65	0.71	-12.94	30	Pass
ax40	5755	Sum	-	-		30	Pass
ax40	5795	Ant1	-13.13	0.58	-12.55	30	Pass
ax40	5795	Ant2	-13.89	0.71	-13.18	30	Pass
ax40	5795	Sum	-	-		30	Pass

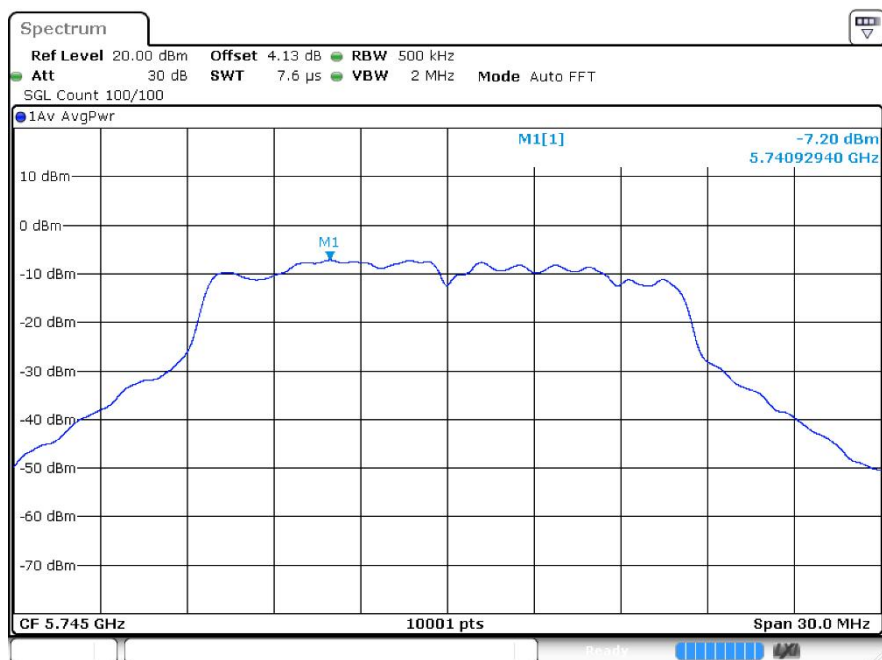
5.2 Test Graphs



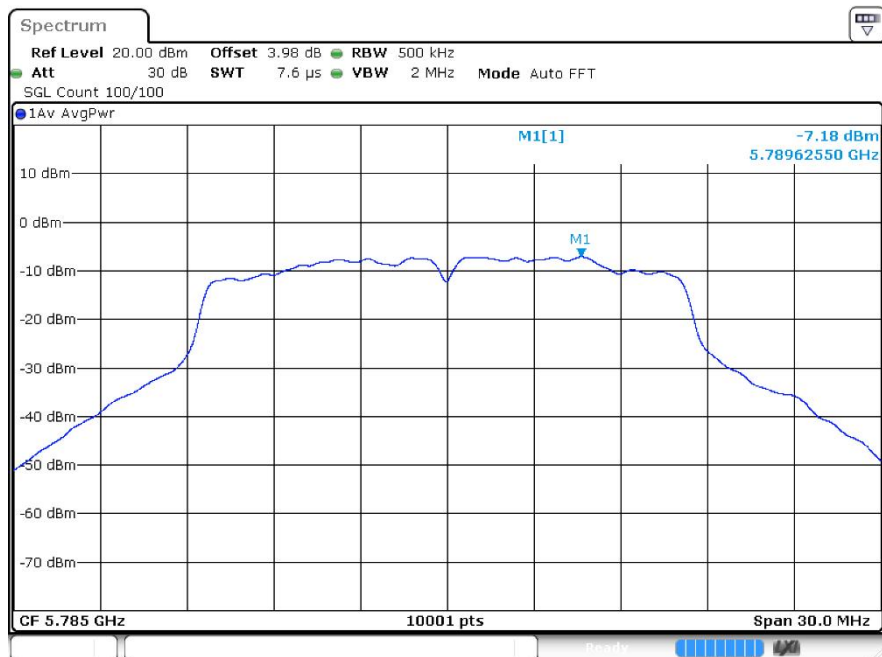
PSD a 5825MHz Ant1



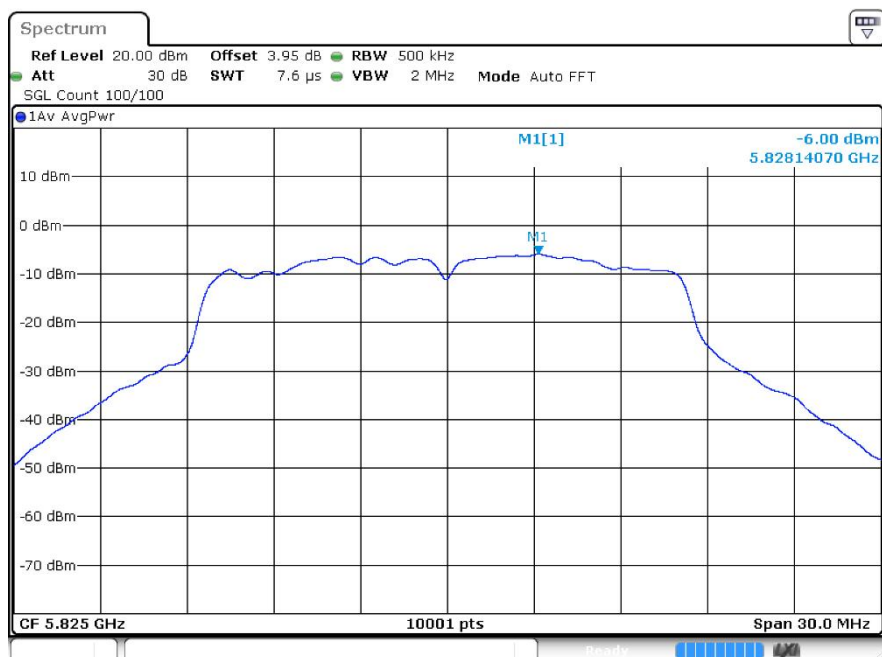
PSD a 5745MHz Ant2



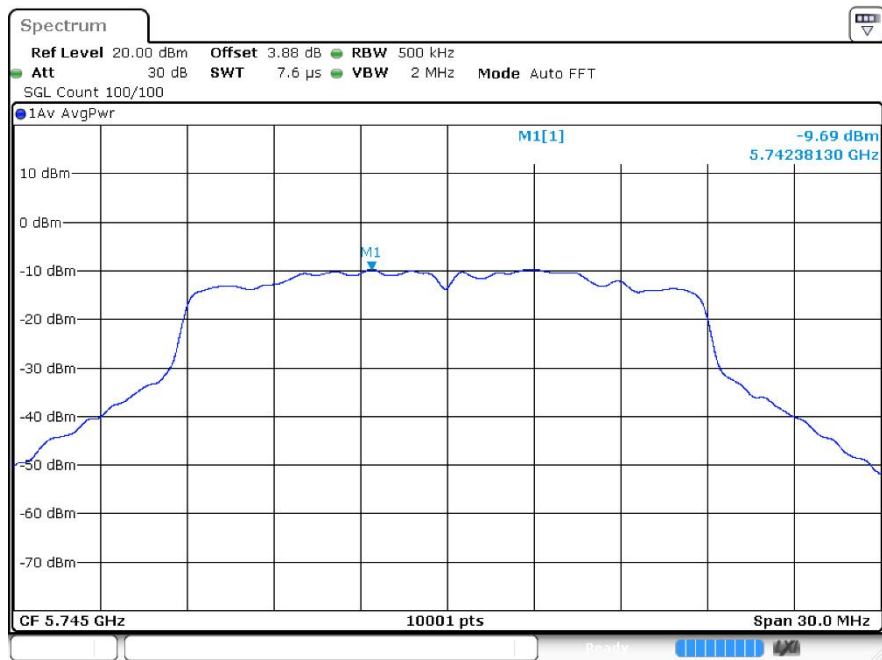
PSD a 5785MHz Ant2



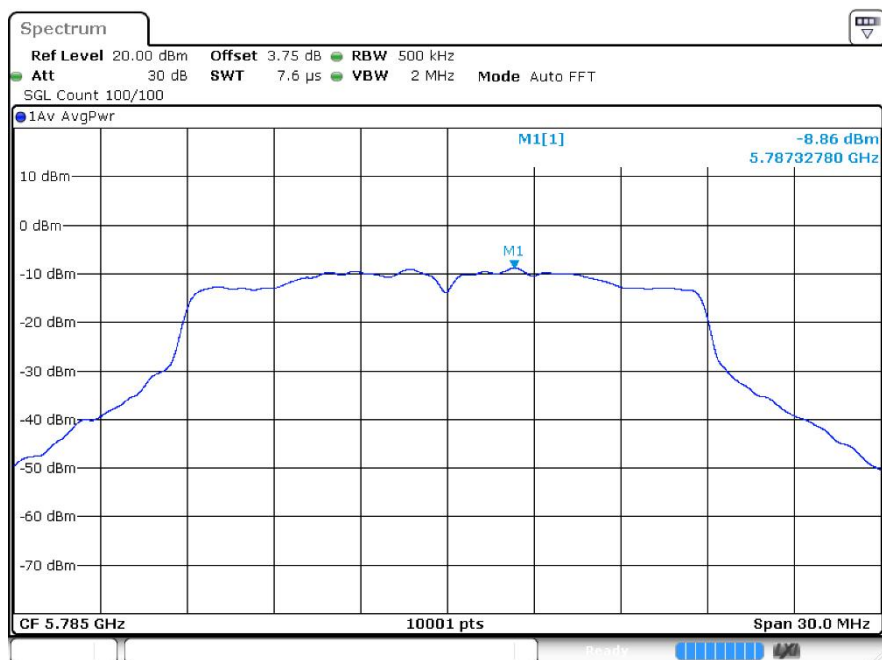
PSD a 5825MHz Ant2



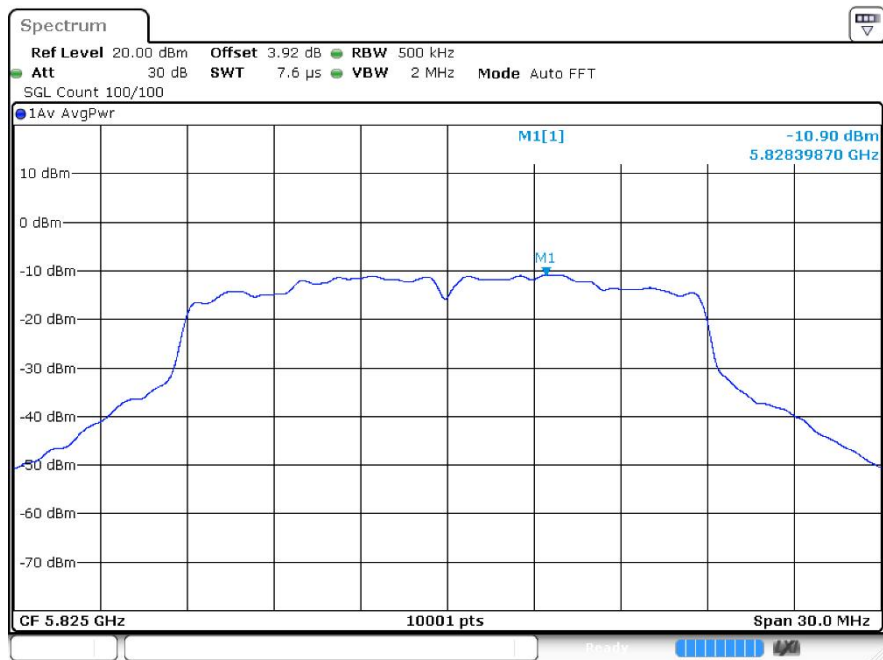
PSD n20 5745MHz Ant1



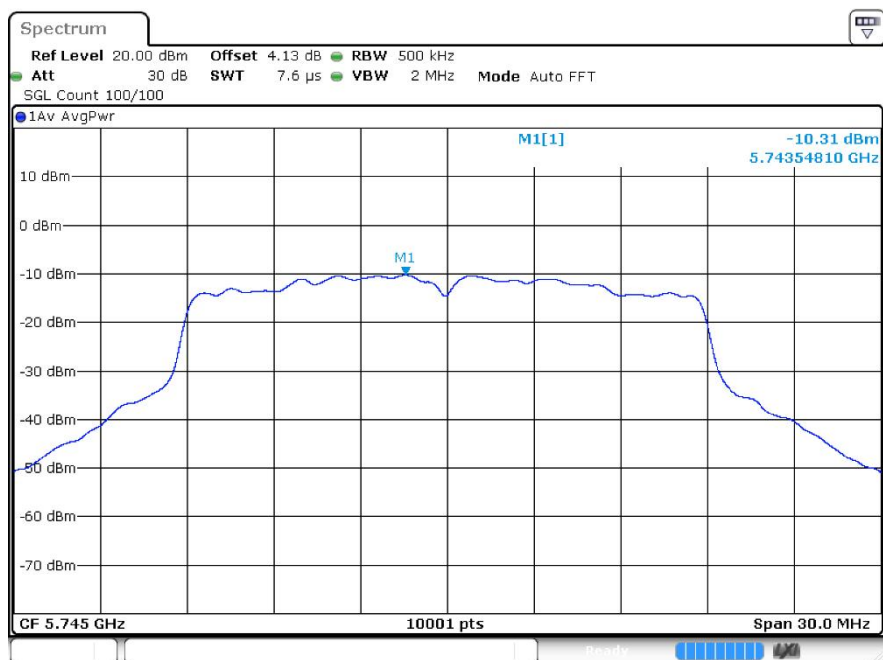
PSD n20 5785MHz Ant1



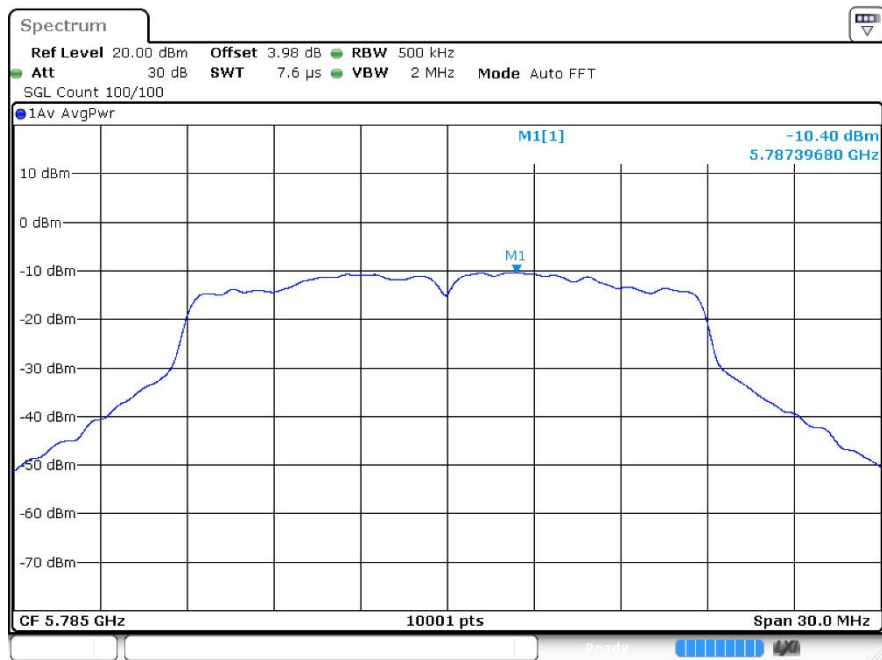
PSD n20 5825MHz Ant1



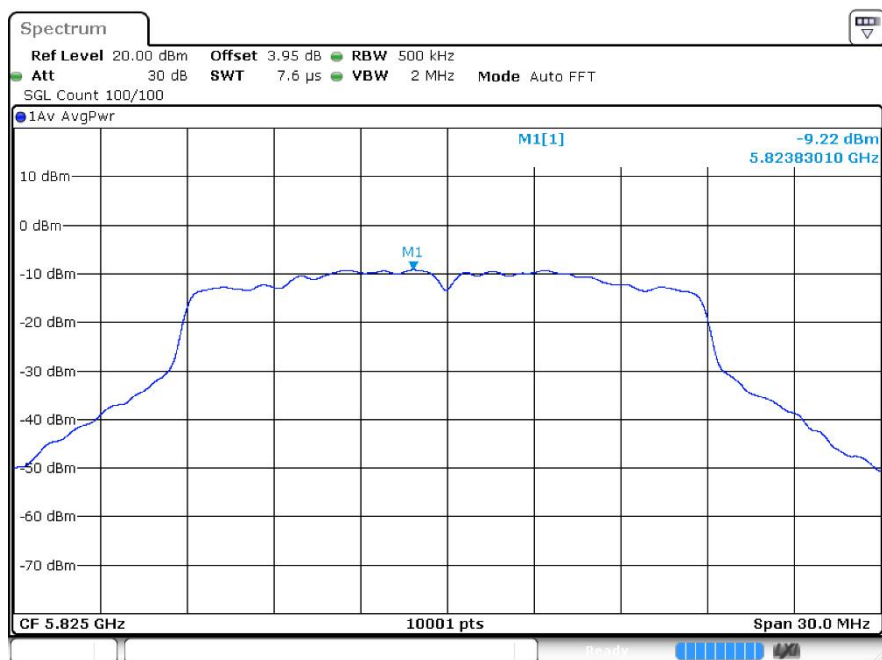
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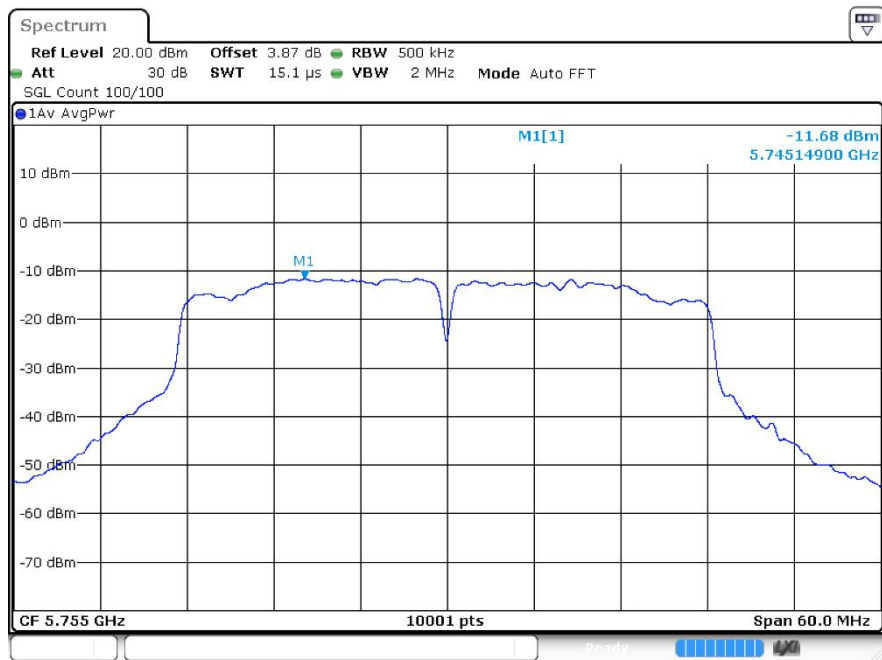
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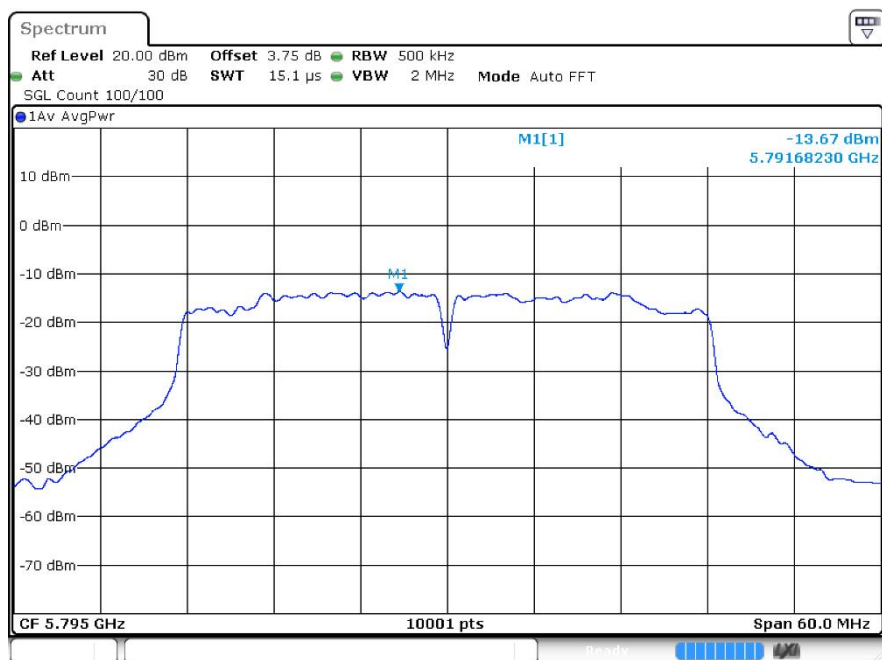
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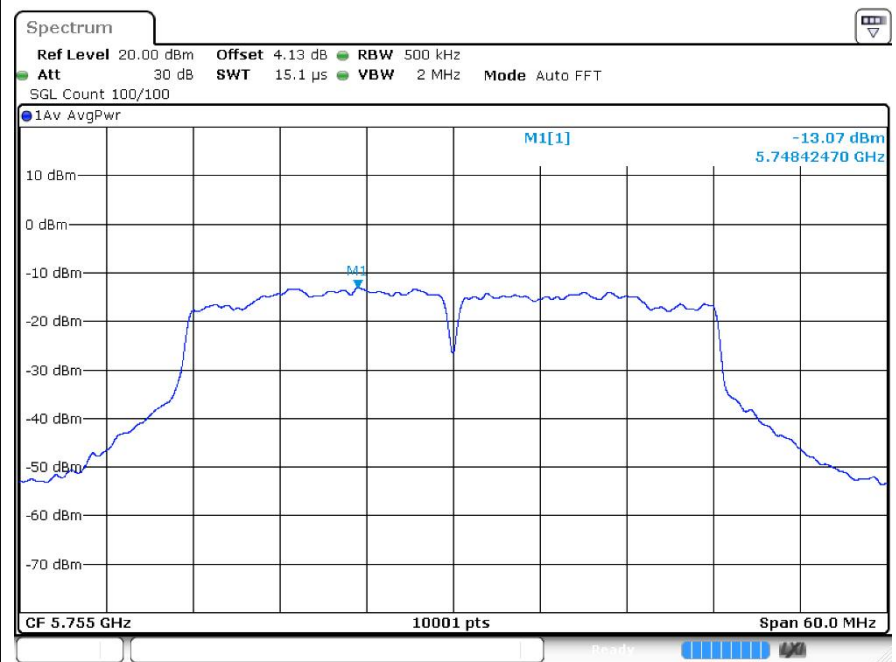
PSD n40 5755MHz Ant1



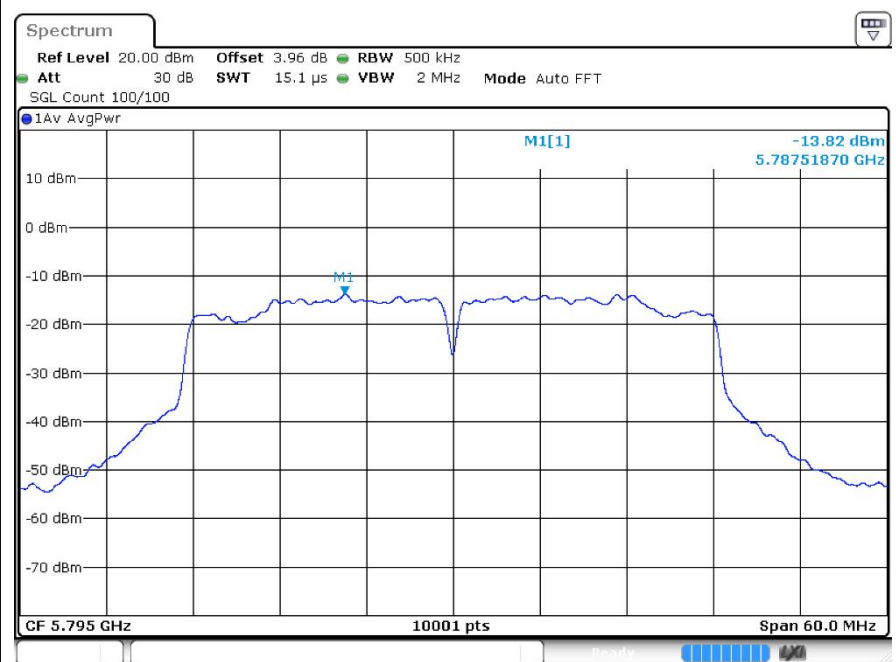
PSD n40 5795MHz Ant1



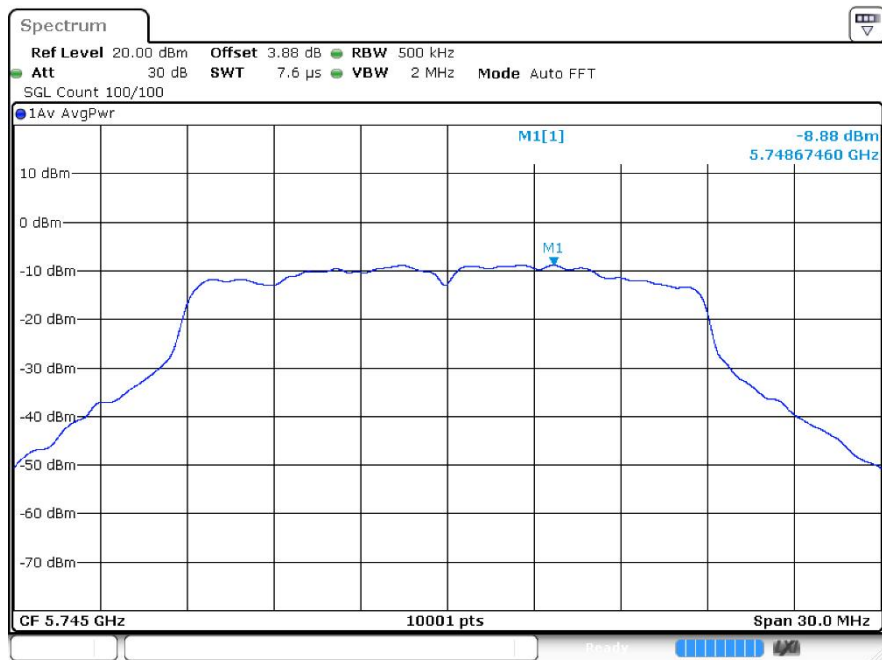
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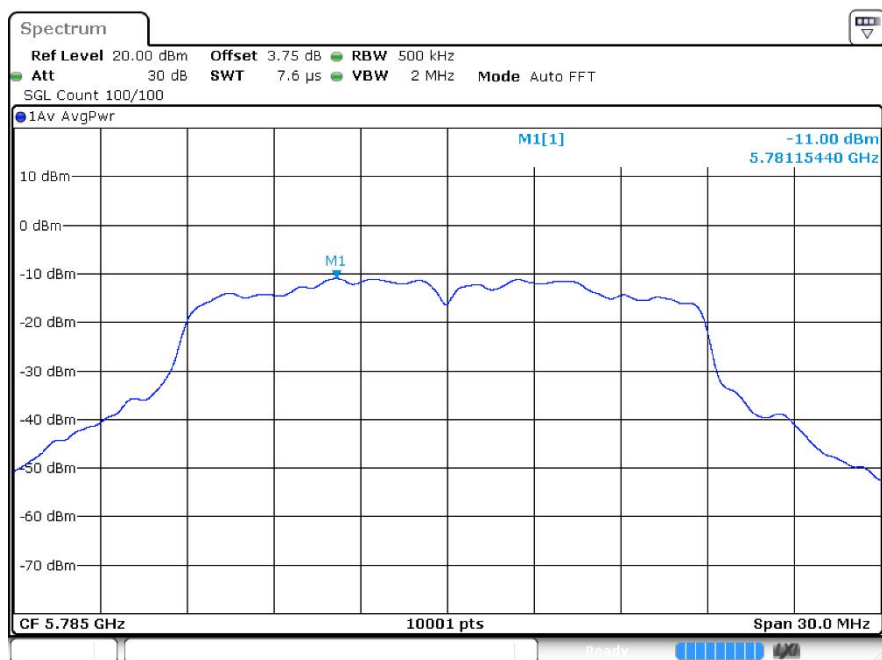
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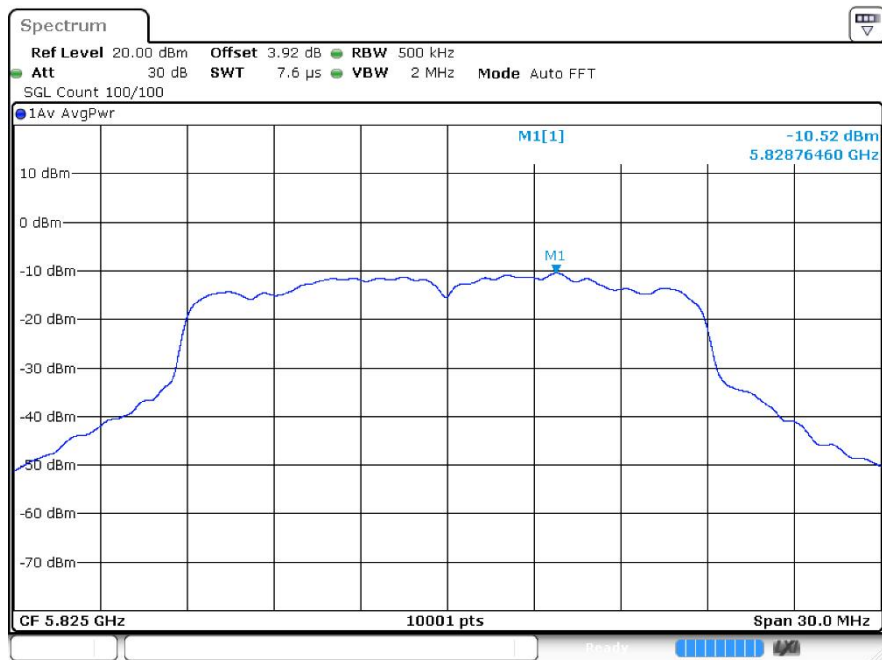
PSD ac20 5745MHz Ant1



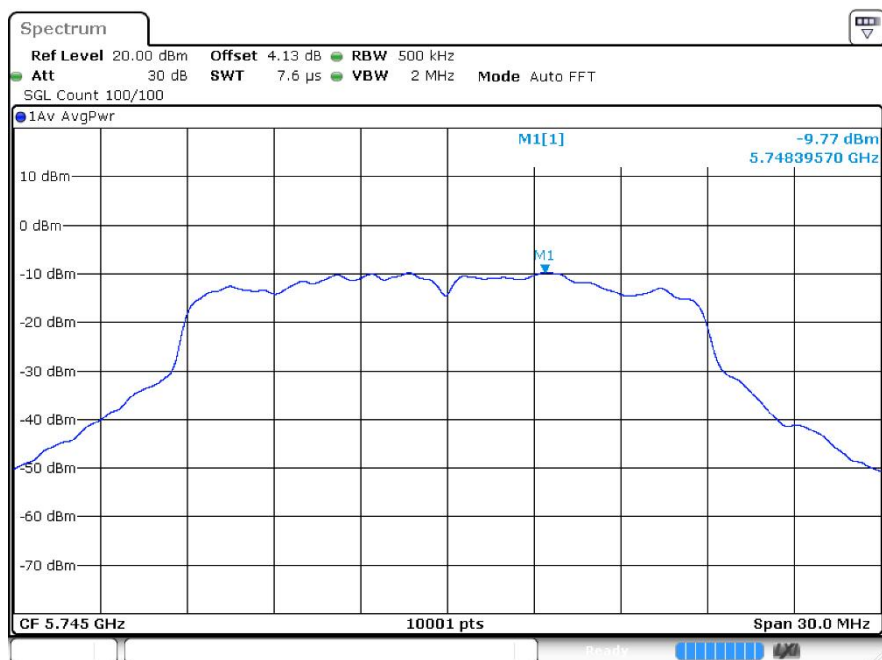
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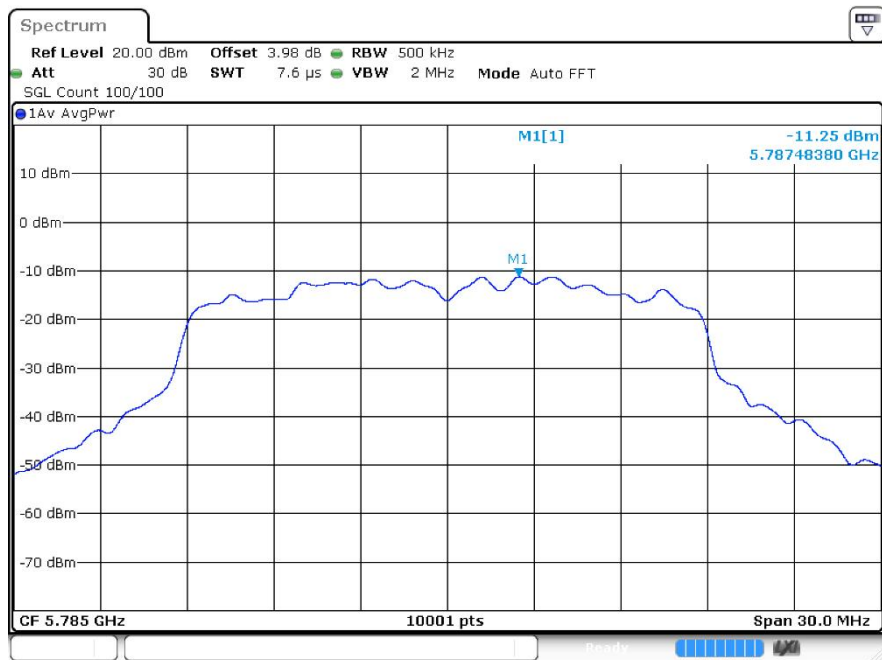
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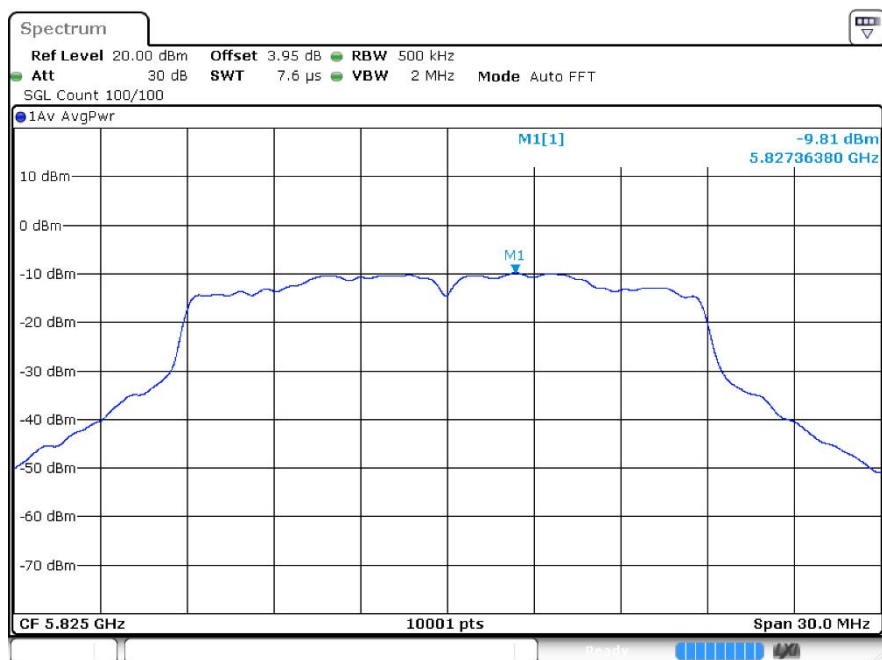
PSD ac20 5745MHz Ant2



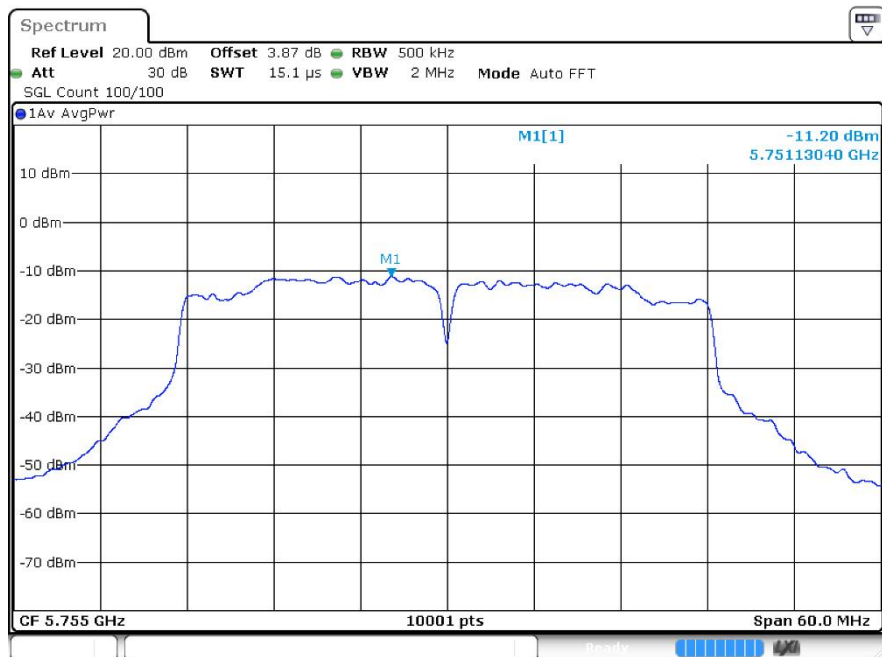
PSD ac20 5785MHz Ant2



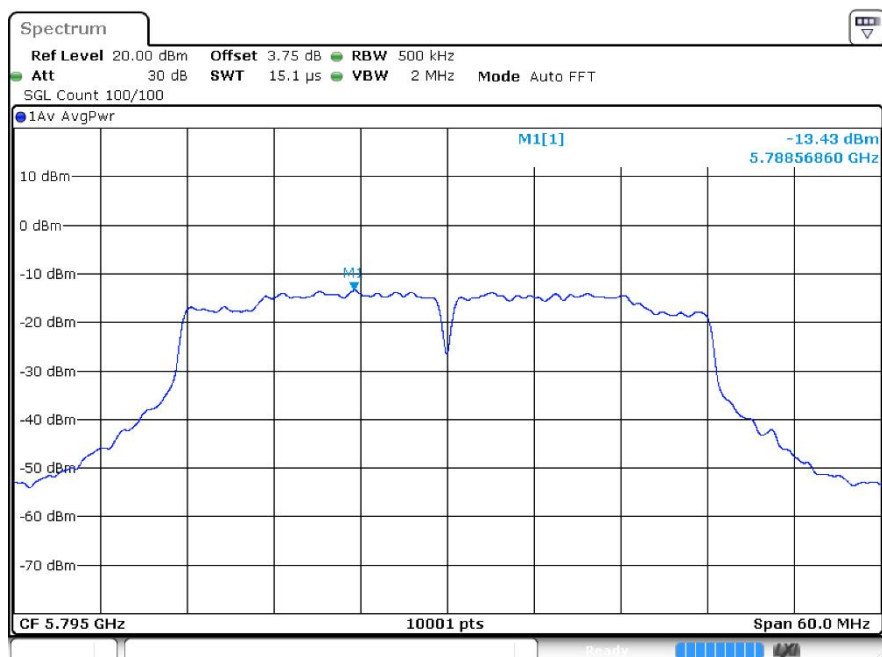
PSD ac20 5825MHz Ant2



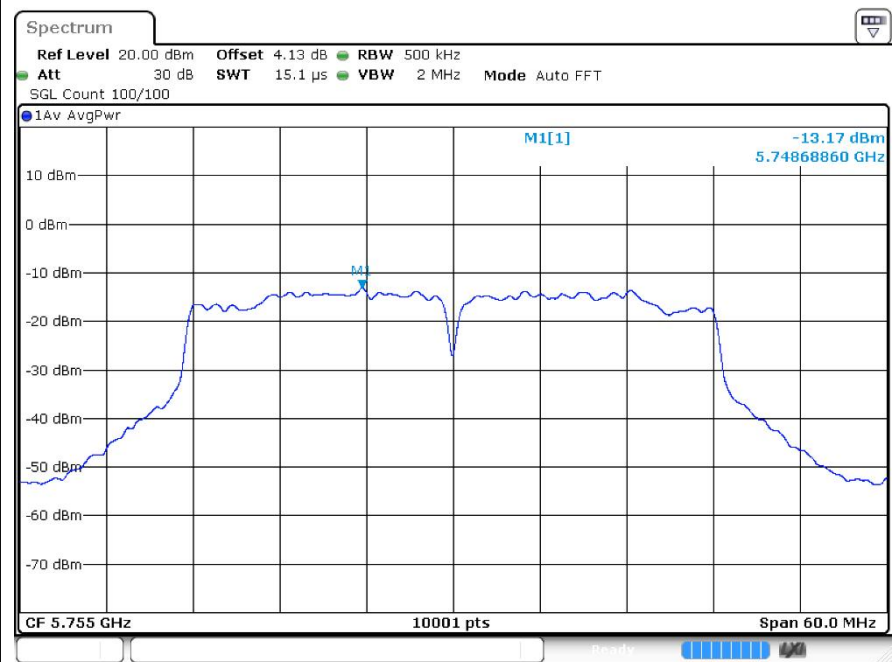
PSD ac40 5755MHz Ant1



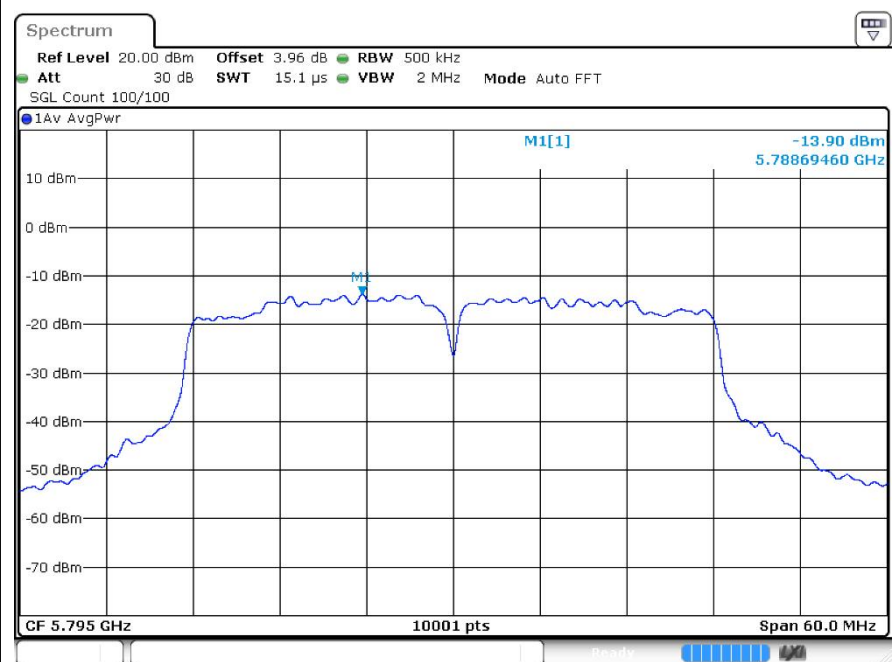
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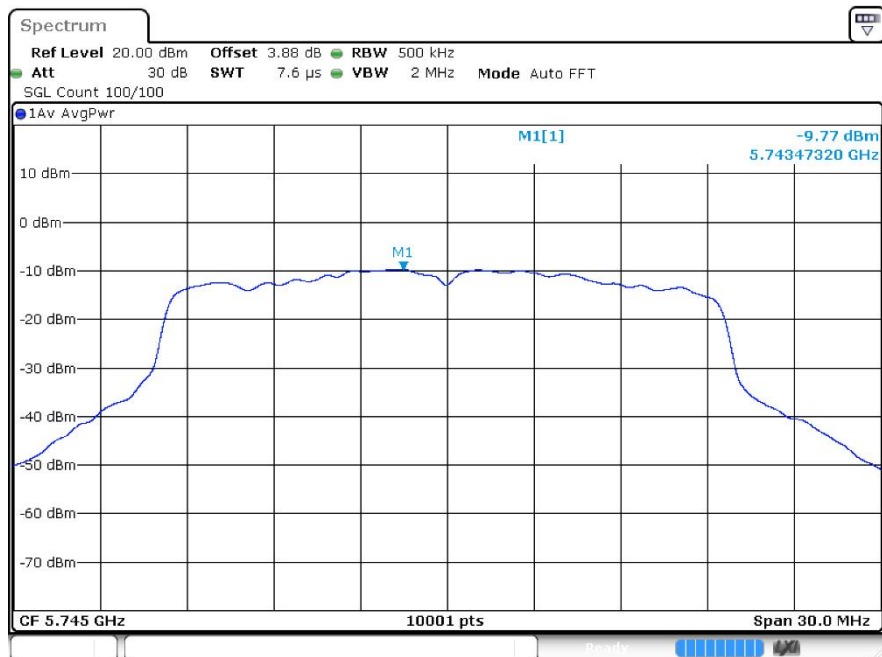
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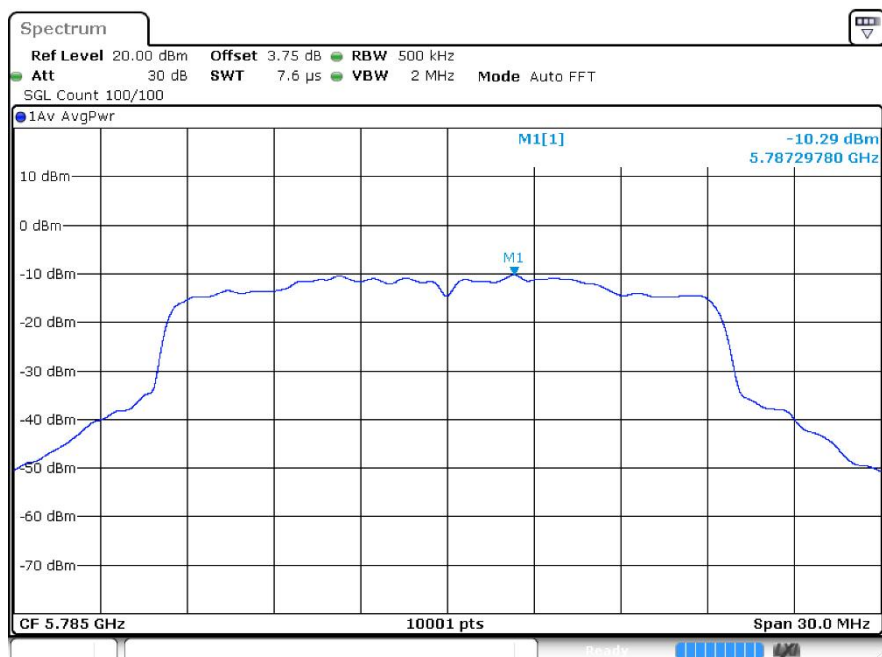
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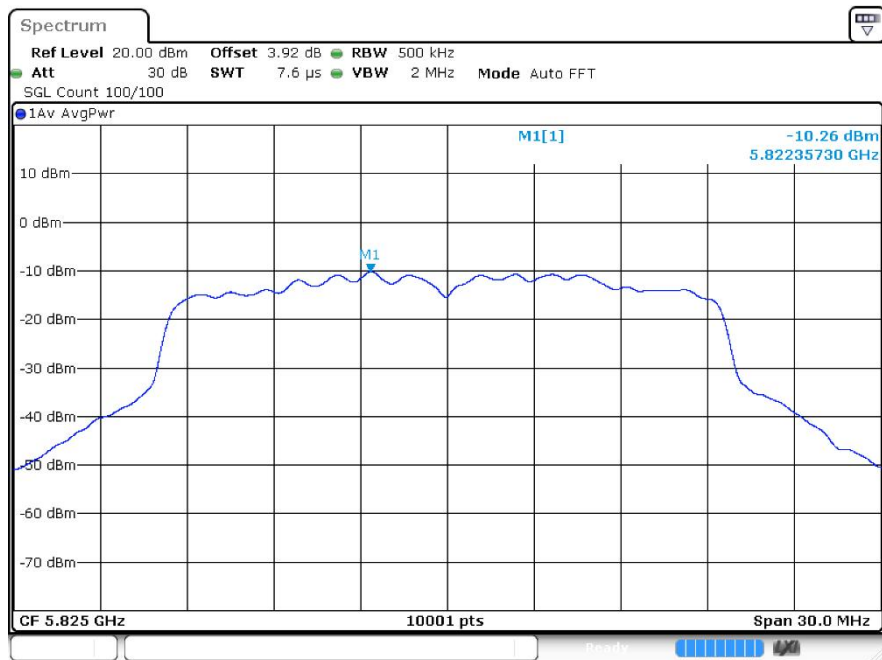
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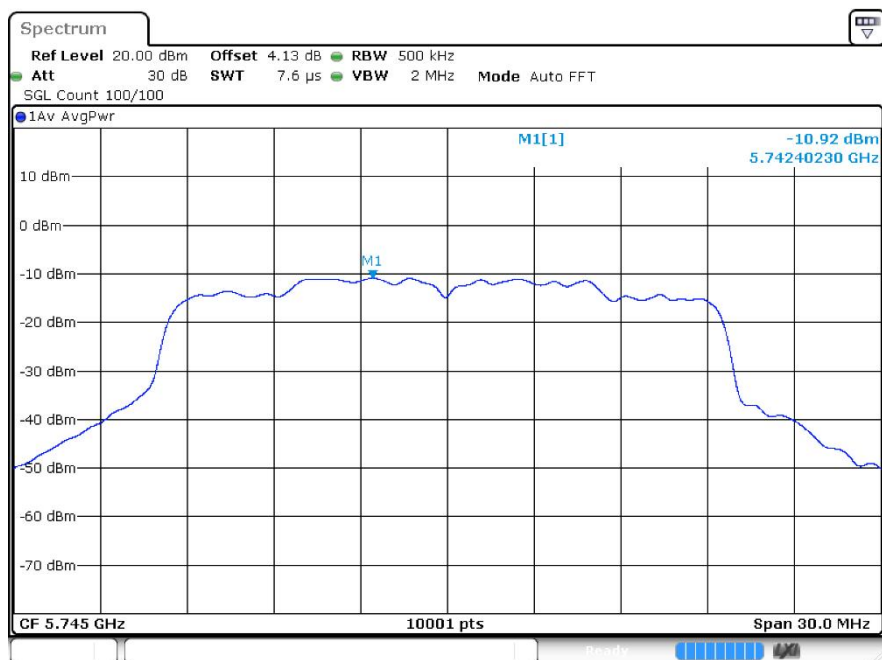
PSD ax20 5785MHz Ant1



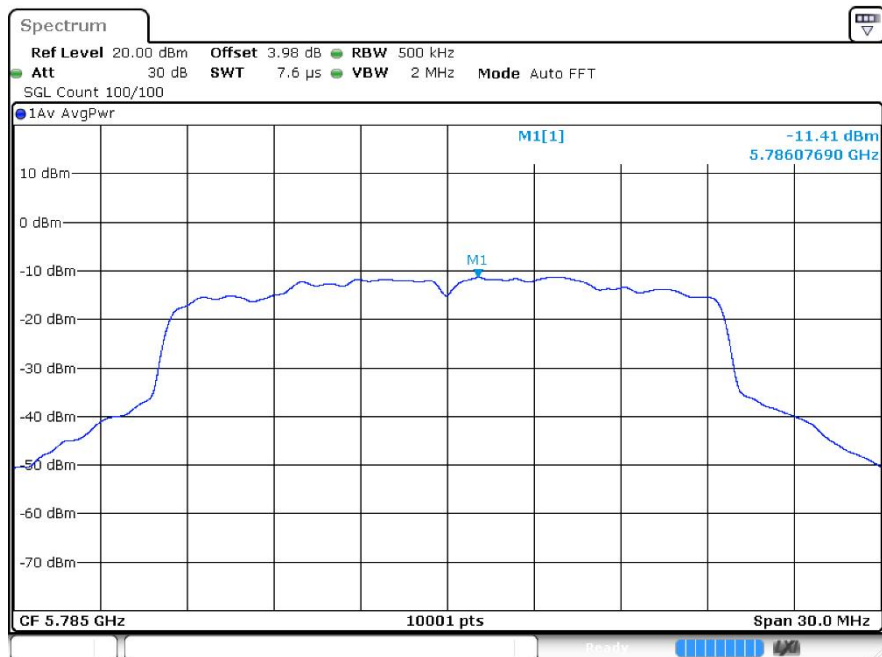
PSD ax20 5825MHz Ant1



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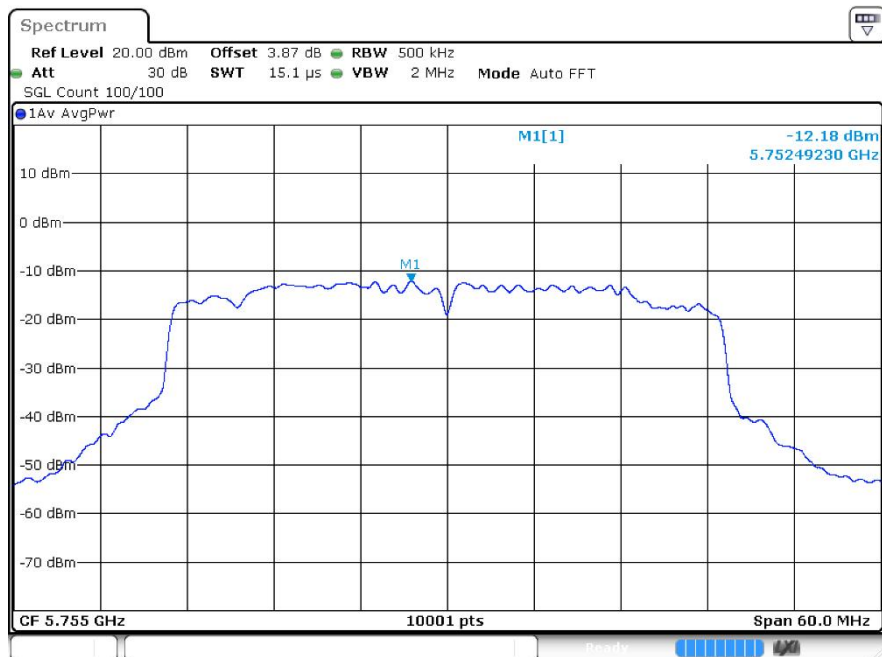
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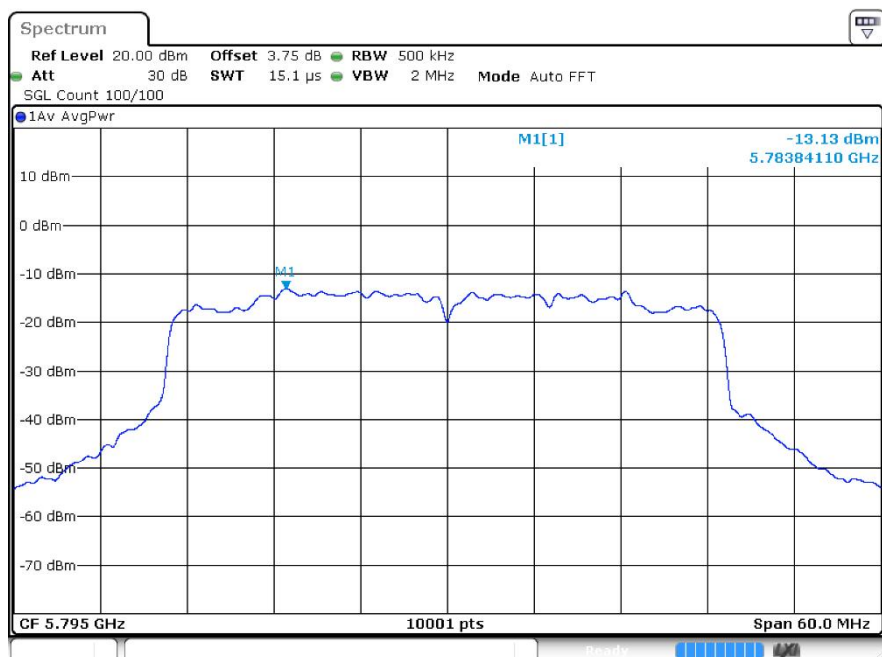
PSD ax20 5825MHz Ant2



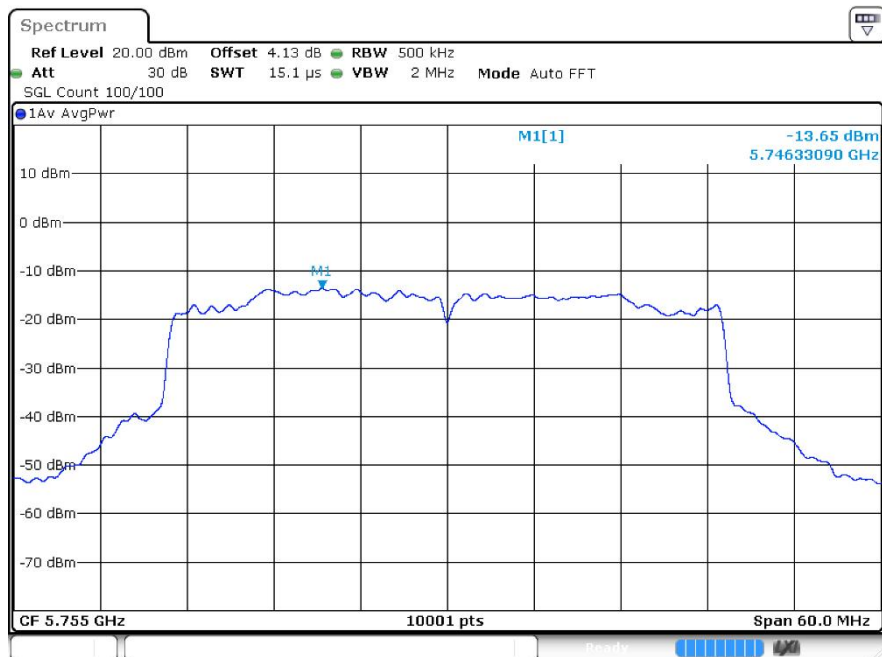
PSD ax40 5755MHz Ant1



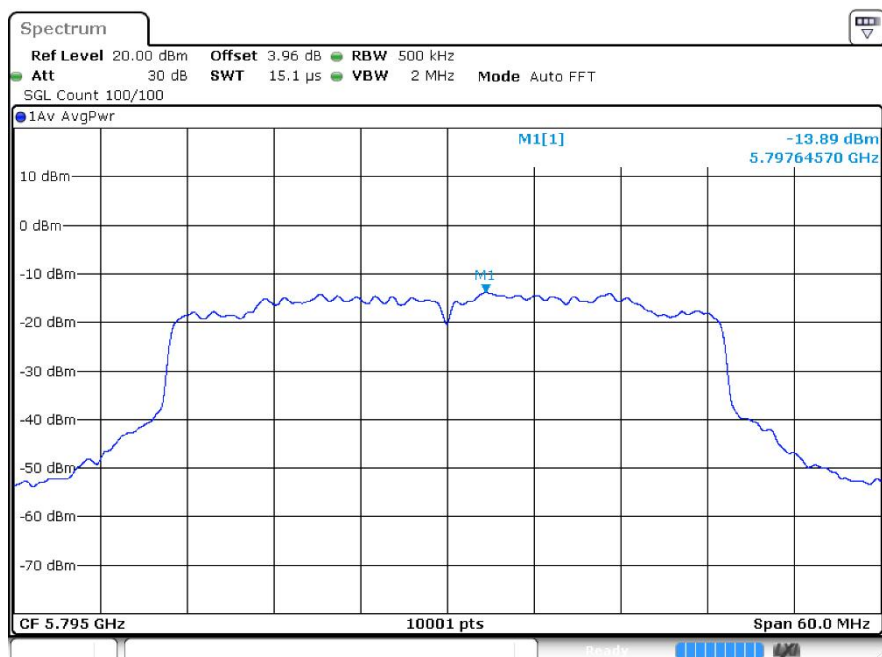
PSD ax40 5795MHz Ant1



PSD ax40 5755MHz Ant2



PSD ax40 5795MHz Ant2





6 Frequency Stability

6.1 Test Result

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5745	Ant1	5744.9	-100000	-17.41	25	Pass
20C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 138V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
-20C 120V	a	5745	Ant1	5744.9	-100000	-17.41	25	Pass
-10C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
0C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
10C 120V	a	5745	Ant1	5744.92	-80000	-13.93	25	Pass
30C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
40C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
50C 120V	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 102V	a	5785	Ant1	5784.92	-80000	-13.83	25	Pass
20C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 138V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
-20C 120V	a	5785	Ant1	5784.92	-80000	-13.83	25	Pass
-10C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
30C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
40C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
50C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 102V	a	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 120V	a	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 138V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-20C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-10C 120V	a	5825	Ant1	5824.92	-80000	-13.73	25	Pass
0C 120V	a	5825	Ant1	5824.92	-80000	-13.73	25	Pass
10C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30C 120V	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
40C 120V	a	5825	Ant1	5824.92	-80000	-13.73	25	Pass
50C 120V	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 102V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 138V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-20C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-10C 120V	n20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
0C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass



10C 120V	n20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
30C 120V	n20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
40C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
50C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 102V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 138V	n20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
-20C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-10C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 120V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
30C 120V	n20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
40C 120V	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
50C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 102V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 120V	n20	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 138V	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
-20C 120V	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
-10C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
10C 120V	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
30C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
40C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
50C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 102V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 120V	n40	5755	Ant1	5754.88	-120000	-20.85	25	Pass
20C 138V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
-20C 120V	n40	5755	Ant1	5754.88	-120000	-20.85	25	Pass
-10C 120V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
0C 120V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
10C 120V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
30C 120V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
40C 120V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
50C 120V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 102V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 138V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	n40	5795	Ant1	5794.88	-120000	-20.71	25	Pass
-10C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
0C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
10C 120V	n40	5795	Ant1	5794.88	-120000	-20.71	25	Pass
30C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
40C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass



50C 120V	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 102V	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 120V	ac20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
20C 138V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-20C 120V	ac20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
-10C 120V	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
0C 120V	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
10C 120V	ac20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
30C 120V	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
40C 120V	ac20	5745	Ant1	5744.9	-100000	-17.41	25	Pass
50C 120V	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 102V	ac20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
20C 120V	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 138V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-20C 120V	ac20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
-10C 120V	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
0C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 120V	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
30C 120V	ac20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
40C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
50C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 102V	ac20	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 138V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-20C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
-10C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
0C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
10C 120V	ac20	5825	Ant1	5824.92	-80000	-13.73	25	Pass
30C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
40C 120V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
50C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 102V	ac40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
20C 138V	ac40	5755	Ant1	5754.88	-120000	-20.85	25	Pass
-20C 120V	ac40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
-10C 120V	ac40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
0C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10C 120V	ac40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
30C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40C 120V	ac40	5755	Ant1	5754.88	-120000	-20.85	25	Pass
50C 120V	ac40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 102V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass



20C 138V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-10C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
0C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
30C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
40C 120V	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
50C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 102V	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	ax20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
-20C 120V	ax20	5745	Ant1	5744.9	-100000	-17.41	25	Pass
-10C 120V	ax20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
0C 120V	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10C 120V	ax20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
30C 120V	ax20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
40C 120V	ax20	5745	Ant1	5744.88	-120000	-20.89	25	Pass
50C 120V	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 102V	ax20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 120V	ax20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
20C 138V	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-20C 120V	ax20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
-10C 120V	ax20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
0C 120V	ax20	5785	Ant1	5785.04	40000	6.91	25	Pass
10C 120V	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
30C 120V	ax20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
40C 120V	ax20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
50C 120V	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 102V	ax20	5825	Ant1	5824.92	-80000	-13.73	25	Pass
20C 120V	ax20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 138V	ax20	5825	Ant1	5825	0	0	25	Pass
-20C 120V	ax20	5825	Ant1	5825.02	20000	3.43	25	Pass
-10C 120V	ax20	5825	Ant1	5824.9	-100000	-17.17	25	Pass
0C 120V	ax20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
10C 120V	ax20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
30C 120V	ax20	5825	Ant1	5824.9	-100000	-17.17	25	Pass
40C 120V	ax20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
50C 120V	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 102V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 138V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
-20C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
-10C 120V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass



0C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
10C 120V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
50C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 102V	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 138V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
-20C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
-10C 120V	ax40	5795	Ant1	5794.88	-120000	-20.71	25	Pass
0C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
10C 120V	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
40C 120V	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
50C 120V	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 102V	a	5745	Ant2	5744.96	-40000	-6.96	25	Pass
20C 120V	a	5745	Ant2	5744.94	-60000	-10.44	25	Pass
20C 138V	a	5745	Ant2	5744.94	-60000	-10.44	25	Pass
-20C 120V	a	5745	Ant2	5744.92	-80000	-13.93	25	Pass
-10C 120V	a	5745	Ant2	5744.96	-40000	-6.96	25	Pass
0C 120V	a	5745	Ant2	5744.96	-40000	-6.96	25	Pass
10C 120V	a	5745	Ant2	5744.92	-80000	-13.93	25	Pass
30C 120V	a	5745	Ant2	5744.92	-80000	-13.93	25	Pass
40C 120V	a	5745	Ant2	5744.9	-100000	-17.41	25	Pass
50C 120V	a	5745	Ant2	5744.94	-60000	-10.44	25	Pass
20C 102V	a	5785	Ant2	5784.92	-80000	-13.83	25	Pass
20C 120V	a	5785	Ant2	5784.92	-80000	-13.83	25	Pass
20C 138V	a	5785	Ant2	5784.94	-60000	-10.37	25	Pass
-20C 120V	a	5785	Ant2	5784.94	-60000	-10.37	25	Pass
-10C 120V	a	5785	Ant2	5784.92	-80000	-13.83	25	Pass
0C 120V	a	5785	Ant2	5784.96	-40000	-6.91	25	Pass
10C 120V	a	5785	Ant2	5784.94	-60000	-10.37	25	Pass
30C 120V	a	5785	Ant2	5784.96	-40000	-6.91	25	Pass
40C 120V	a	5785	Ant2	5784.96	-40000	-6.91	25	Pass
50C 120V	a	5785	Ant2	5784.92	-80000	-13.83	25	Pass
20C 102V	a	5825	Ant2	5824.94	-60000	-10.3	25	Pass
20C 120V	a	5825	Ant2	5824.92	-80000	-13.73	25	Pass
20C 138V	a	5825	Ant2	5824.98	-20000	-3.43	25	Pass
-20C 120V	a	5825	Ant2	5824.92	-80000	-13.73	25	Pass
-10C 120V	a	5825	Ant2	5824.92	-80000	-13.73	25	Pass
0C 120V	a	5825	Ant2	5824.94	-60000	-10.3	25	Pass
10C 120V	a	5825	Ant2	5824.96	-40000	-6.87	25	Pass
30C 120V	a	5825	Ant2	5824.94	-60000	-10.3	25	Pass



40C 120V	a	5825	Ant2	5824.92	-80000	-13.73	25	Pass
50C 120V	a	5825	Ant2	5824.94	-60000	-10.3	25	Pass
20C 102V	n20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
20C 120V	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
20C 138V	n20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
-20C 120V	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
-10C 120V	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
0C 120V	n20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
10C 120V	n20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
30C 120V	n20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
40C 120V	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
50C 120V	n20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
20C 102V	n20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
20C 120V	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
20C 138V	n20	5785	Ant2	5784.92	-80000	-13.83	25	Pass
-20C 120V	n20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
-10C 120V	n20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
0C 120V	n20	5785	Ant2	5784.92	-80000	-13.83	25	Pass
10C 120V	n20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
30C 120V	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
40C 120V	n20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
50C 120V	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
20C 102V	n20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
20C 120V	n20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
20C 138V	n20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
-20C 120V	n20	5825	Ant2	5825.04	40000	6.87	25	Pass
-10C 120V	n20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
0C 120V	n20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
10C 120V	n20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
30C 120V	n20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
40C 120V	n20	5825	Ant2	5824.9	-100000	-17.17	25	Pass
50C 120V	n20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
20C 102V	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
20C 120V	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
20C 138V	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
-20C 120V	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
-10C 120V	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
0C 120V	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
10C 120V	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
30C 120V	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
40C 120V	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
50C 120V	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
20C 102V	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass



20C 120V	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
20C 138V	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
-20C 120V	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
-10C 120V	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
0C 120V	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
10C 120V	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
30C 120V	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
40C 120V	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
50C 120V	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
20C 102V	ac20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
20C 120V	ac20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
20C 138V	ac20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
-20C 120V	ac20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
-10C 120V	ac20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
0C 120V	ac20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
10C 120V	ac20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
30C 120V	ac20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
40C 120V	ac20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
50C 120V	ac20	5745	Ant2	5744.9	-100000	-17.41	25	Pass
20C 102V	ac20	5785	Ant2	5784.86	-140000	-24.2	25	Pass
20C 120V	ac20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
20C 138V	ac20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
-20C 120V	ac20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
-10C 120V	ac20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
0C 120V	ac20	5785	Ant2	5785.06	60000	10.37	25	Pass
10C 120V	ac20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
30C 120V	ac20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
40C 120V	ac20	5785	Ant2	5785.08	80000	13.83	25	Pass
50C 120V	ac20	5785	Ant2	5784.92	-80000	-13.83	25	Pass
20C 102V	ac20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
20C 120V	ac20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
20C 138V	ac20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
-20C 120V	ac20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
-10C 120V	ac20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
0C 120V	ac20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
10C 120V	ac20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
30C 120V	ac20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
40C 120V	ac20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
50C 120V	ac20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
20C 102V	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
20C 120V	ac40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
20C 138V	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
-20C 120V	ac40	5755	Ant2	5755	0	0	25	Pass



-10C 120V	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
0C 120V	ac40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
10C 120V	ac40	5755	Ant2	5755	0	0	25	Pass
30C 120V	ac40	5755	Ant2	5755	0	0	25	Pass
40C 120V	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
50C 120V	ac40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
20C 102V	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
20C 120V	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
20C 138V	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
-20C 120V	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
-10C 120V	ac40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
0C 120V	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
10C 120V	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
30C 120V	ac40	5795	Ant2	5795	0	0	25	Pass
40C 120V	ac40	5795	Ant2	5795	0	0	25	Pass
50C 120V	ac40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
20C 102V	ax20	5745	Ant2	5744.9	-100000	-17.41	25	Pass
20C 120V	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
20C 138V	ax20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
-20C 120V	ax20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
-10C 120V	ax20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
0C 120V	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
10C 120V	ax20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
30C 120V	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
40C 120V	ax20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
50C 120V	ax20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
20C 102V	ax20	5785	Ant2	5784.92	-80000	-13.83	25	Pass
20C 120V	ax20	5785	Ant2	5785	0	0	25	Pass
20C 138V	ax20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
-20C 120V	ax20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
-10C 120V	ax20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
0C 120V	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
10C 120V	ax20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
30C 120V	ax20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
40C 120V	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
50C 120V	ax20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
20C 102V	ax20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
20C 120V	ax20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
20C 138V	ax20	5825	Ant2	5824.88	-120000	-20.6	25	Pass
-20C 120V	ax20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
-10C 120V	ax20	5825	Ant2	5824.9	-100000	-17.17	25	Pass
0C 120V	ax20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
10C 120V	ax20	5825	Ant2	5824.92	-80000	-13.73	25	Pass



30C 120V	ax20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
40C 120V	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
50C 120V	ax20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
20C 102V	ax40	5755	Ant2	5754.88	-120000	-20.85	25	Pass
20C 120V	ax40	5755	Ant2	5755	0	0	25	Pass
20C 138V	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
-20C 120V	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
-10C 120V	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
0C 120V	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
10C 120V	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
30C 120V	ax40	5755	Ant2	5755	0	0	25	Pass
40C 120V	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
50C 120V	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
20C 102V	ax40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
20C 120V	ax40	5795	Ant2	5795.08	80000	13.81	25	Pass
20C 138V	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
-20C 120V	ax40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
-10C 120V	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
0C 120V	ax40	5795	Ant2	5795	0	0	25	Pass
10C 120V	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
30C 120V	ax40	5795	Ant2	5795.04	40000	6.9	25	Pass
40C 120V	ax40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
50C 120V	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass

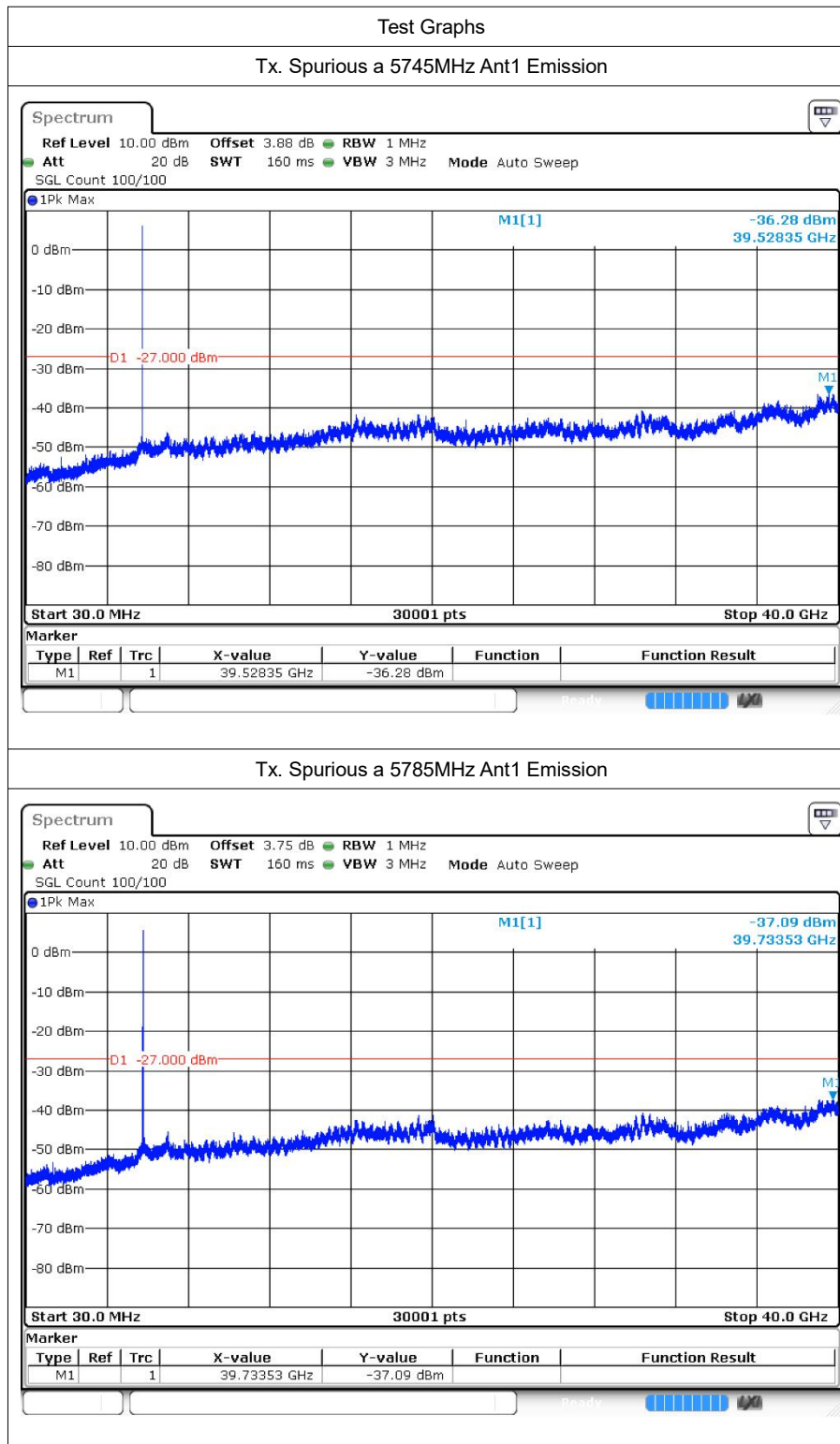


7 Conducted RF Spurious Emission

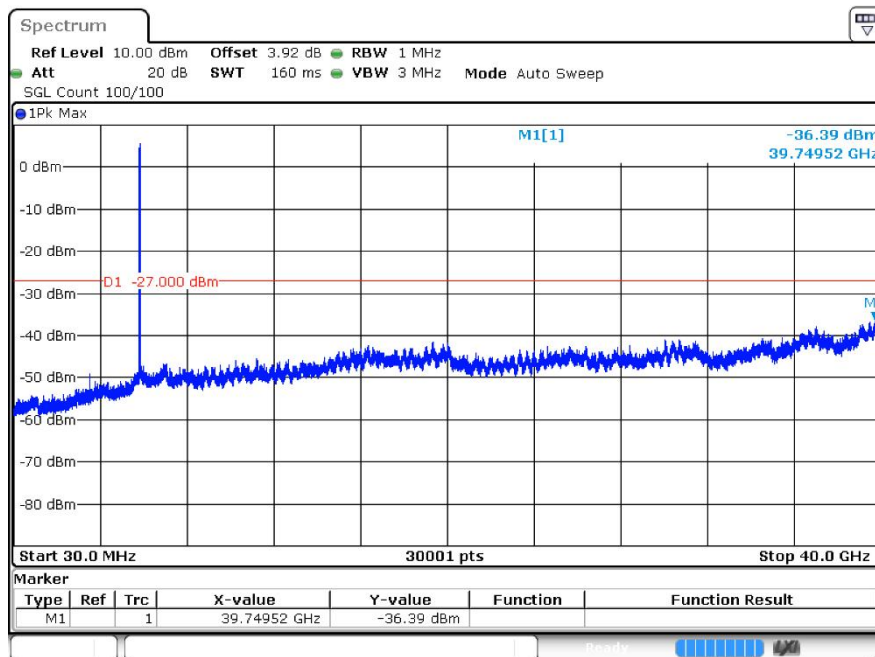
7.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
a	5745	Ant1	-36.27	-27	Pass
a	5785	Ant1	-37.08	-27	Pass
a	5825	Ant1	-36.38	-27	Pass
n20	5745	Ant1	-36.4	-27	Pass
n20	5785	Ant1	-36.77	-27	Pass
n20	5825	Ant1	-36.3	-27	Pass
n40	5755	Ant1	-36.22	-27	Pass
n40	5795	Ant1	-35.88	-27	Pass
ac20	5745	Ant1	-36.21	-27	Pass
ac20	5785	Ant1	-36.06	-27	Pass
ac20	5825	Ant1	-35.85	-27	Pass
ac40	5755	Ant1	-36.81	-27	Pass
ac40	5795	Ant1	-36.79	-27	Pass
ax20	5745	Ant1	-36.48	-27	Pass
ax20	5785	Ant1	-36.32	-27	Pass
ax20	5825	Ant1	-35.77	-27	Pass
ax40	5755	Ant1	-36.86	-27	Pass
ax40	5795	Ant1	-36.72	-27	Pass
a	5745	Ant2	-35.9	-27	Pass
a	5785	Ant2	-36.36	-27	Pass
a	5825	Ant2	-36.76	-27	Pass
n20	5745	Ant2	-36.17	-27	Pass
n20	5785	Ant2	-36.01	-27	Pass
n20	5825	Ant2	-35.89	-27	Pass
n40	5755	Ant2	-36.23	-27	Pass
n40	5795	Ant2	-36.03	-27	Pass
ac20	5745	Ant2	-36.26	-27	Pass
ac20	5785	Ant2	-35.78	-27	Pass
ac20	5825	Ant2	-36.79	-27	Pass
ac40	5755	Ant2	-35.1	-27	Pass
ac40	5795	Ant2	-36.22	-27	Pass
ax20	5745	Ant2	-36.22	-27	Pass
ax20	5785	Ant2	-35.88	-27	Pass
ax20	5825	Ant2	-36.8	-27	Pass
ax40	5755	Ant2	-36.51	-27	Pass
ax40	5795	Ant2	-35.82	-27	Pass

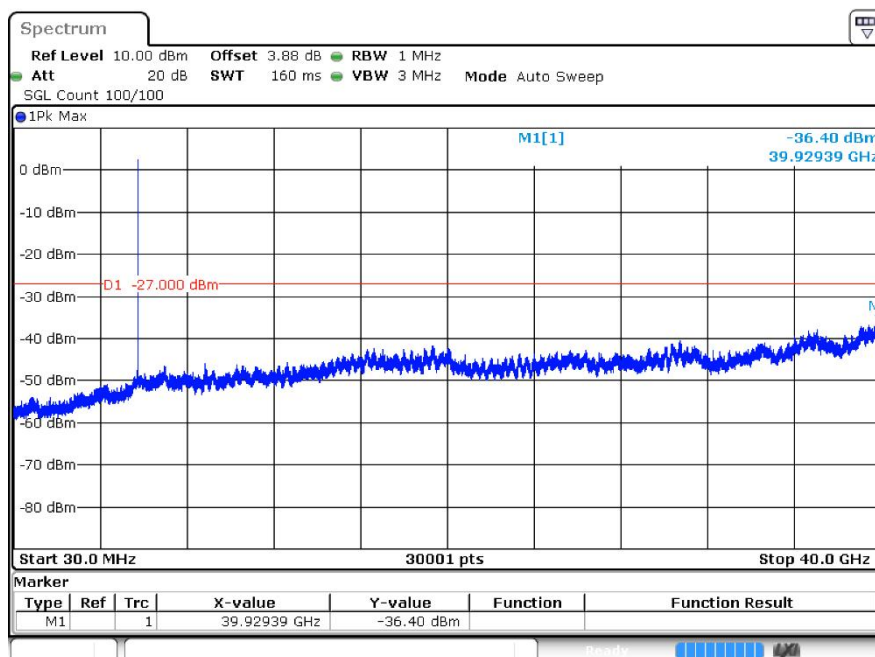
7.2 Test Graphs



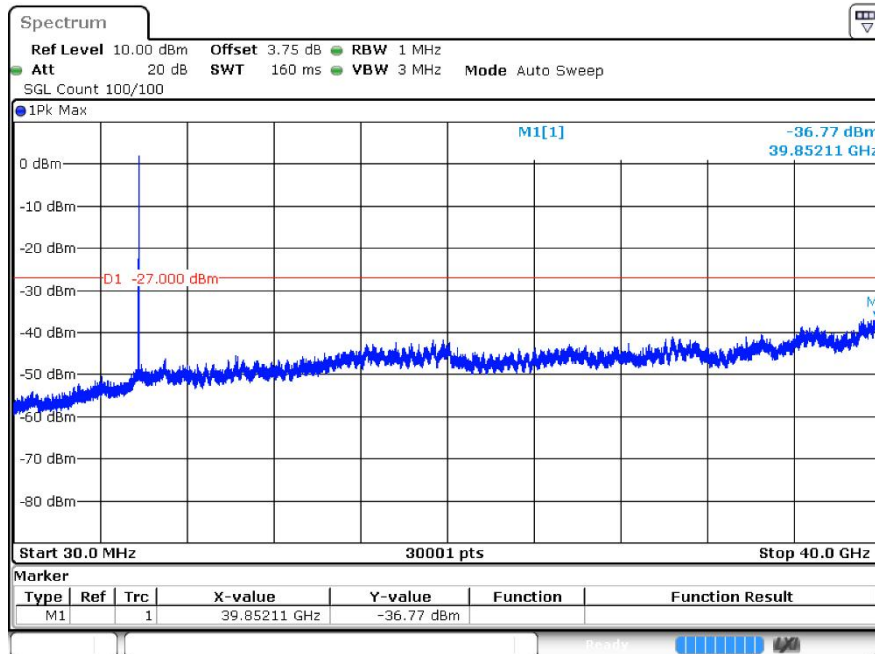
Tx. Spurious a 5825MHz Ant1 Emission



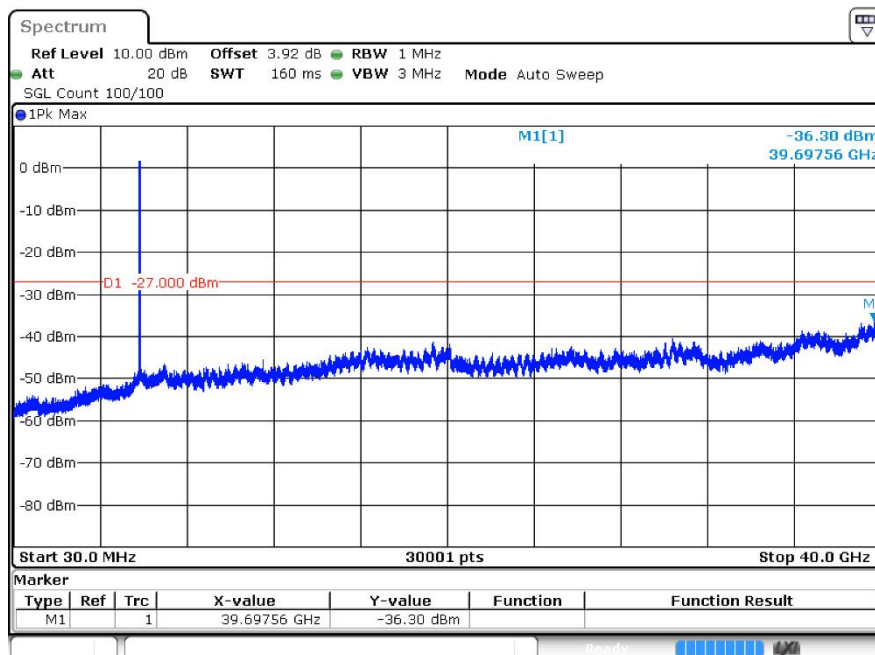
Tx. Spurious n20 5745MHz Ant1 Emission



Tx. Spurious n20 5785MHz Ant1 Emission

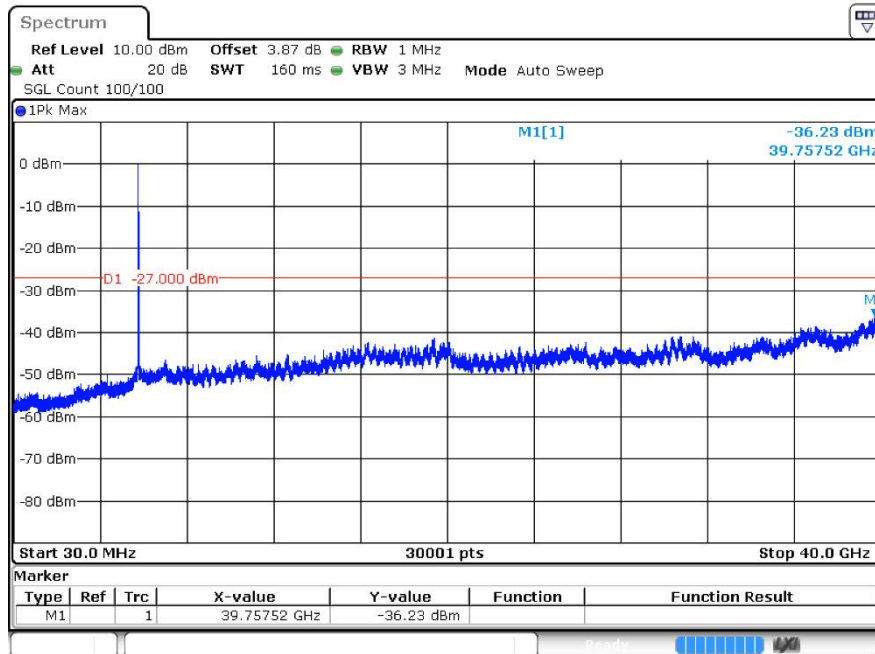


Tx. Spurious n20 5825MHz Ant1 Emission

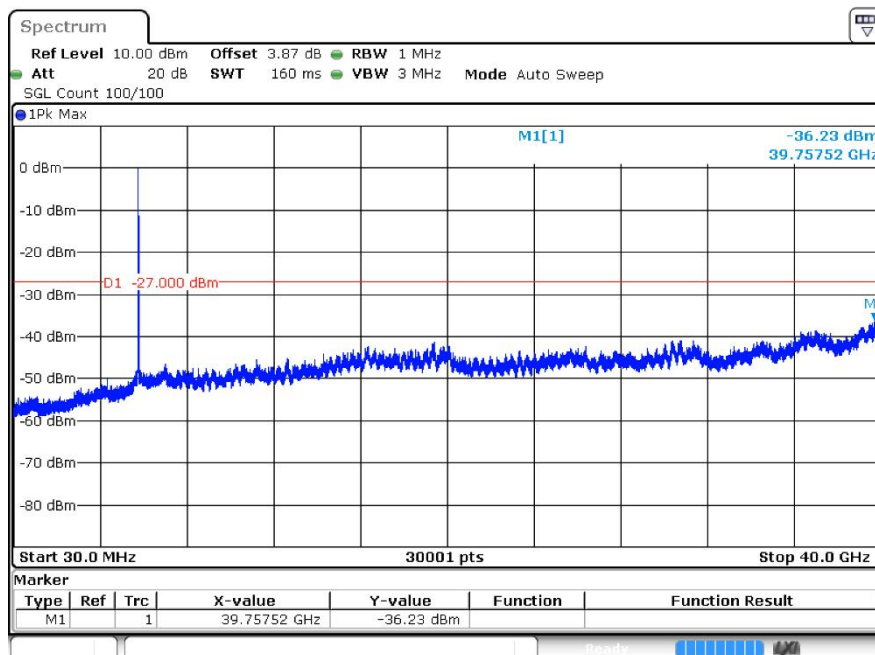




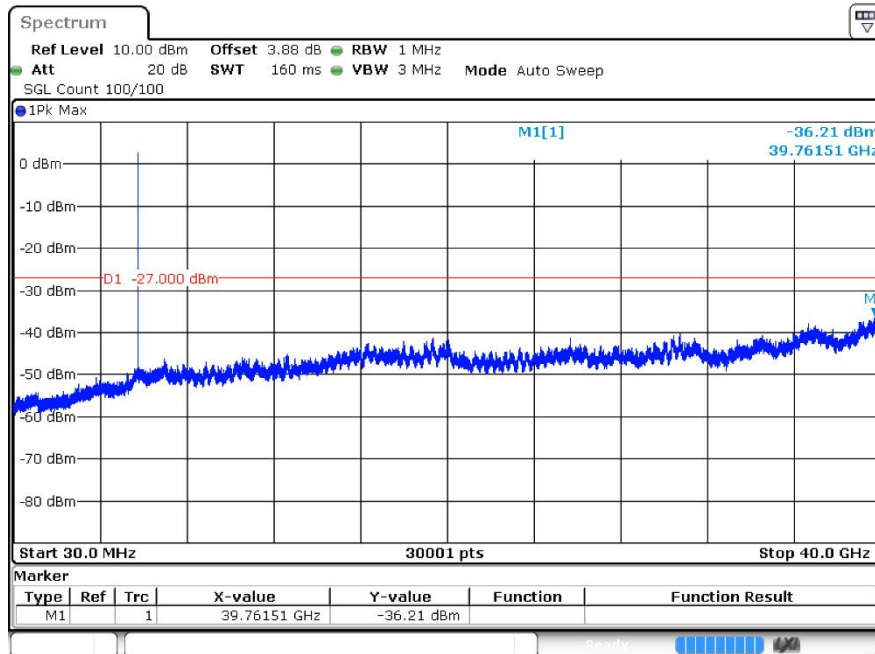
Tx. Spurious n40 5755MHz Ant1 Emission



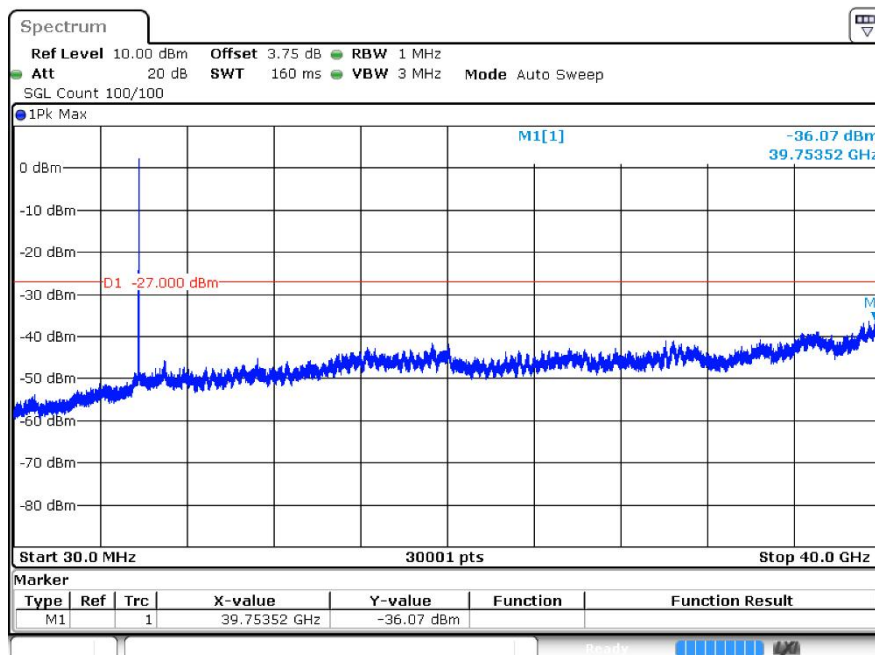
Tx. Spurious n40 5795MHz Ant1 Emission



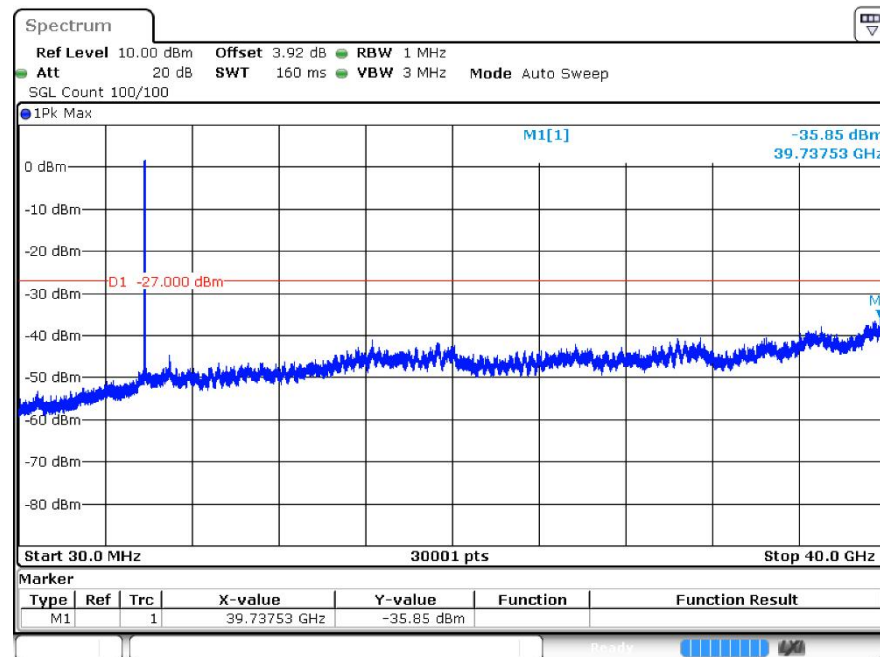
Tx. Spurious ac20 5745MHz Ant1 Emission



Tx. Spurious ac20 5785MHz Ant1 Emission



Tx. Spurious ac20 5825MHz Ant1 Emission



Tx. Spurious ac40 5755MHz Ant1 Emission

