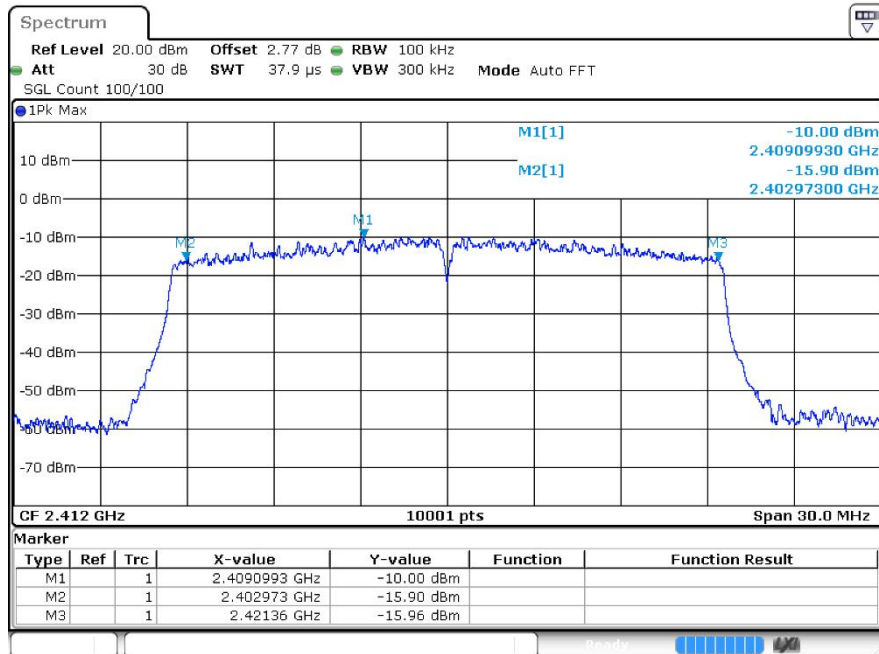
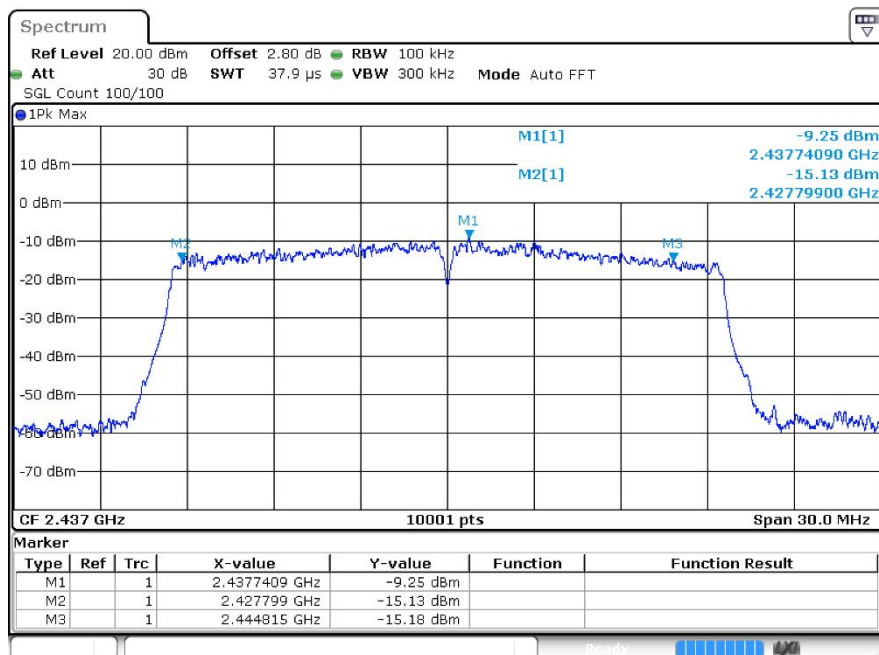
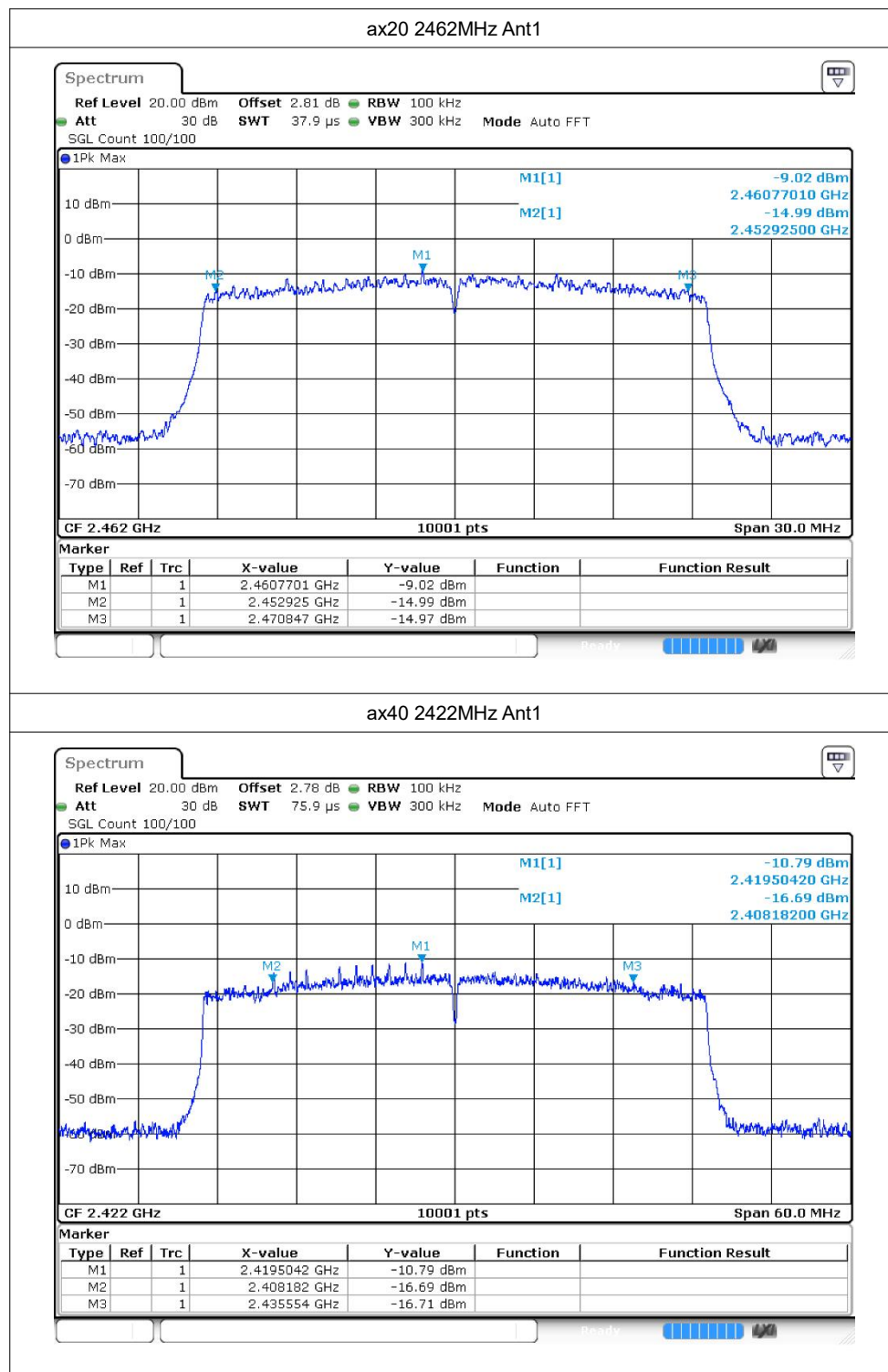


ax20 2412MHz Ant1

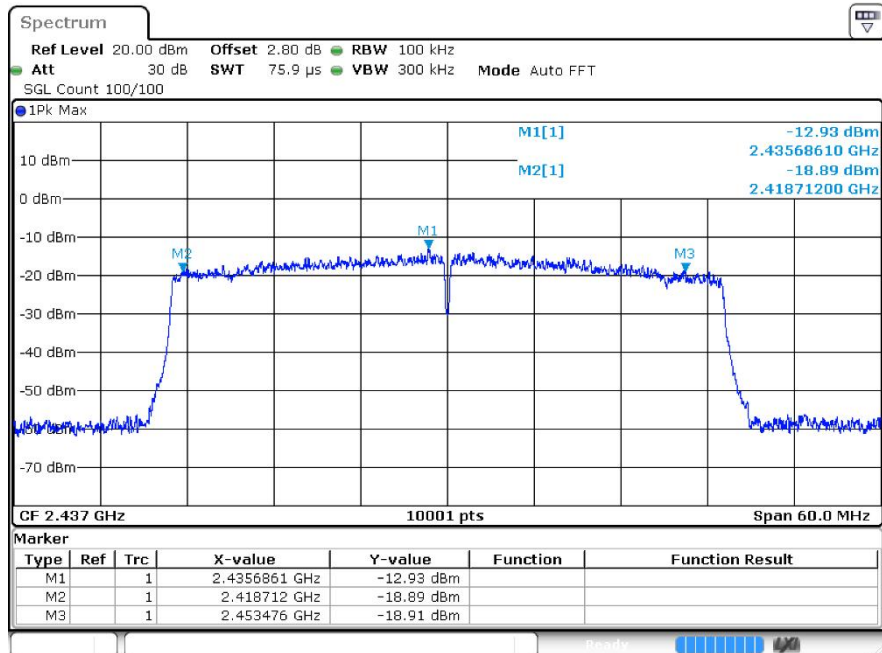


ax20 2437MHz Ant1

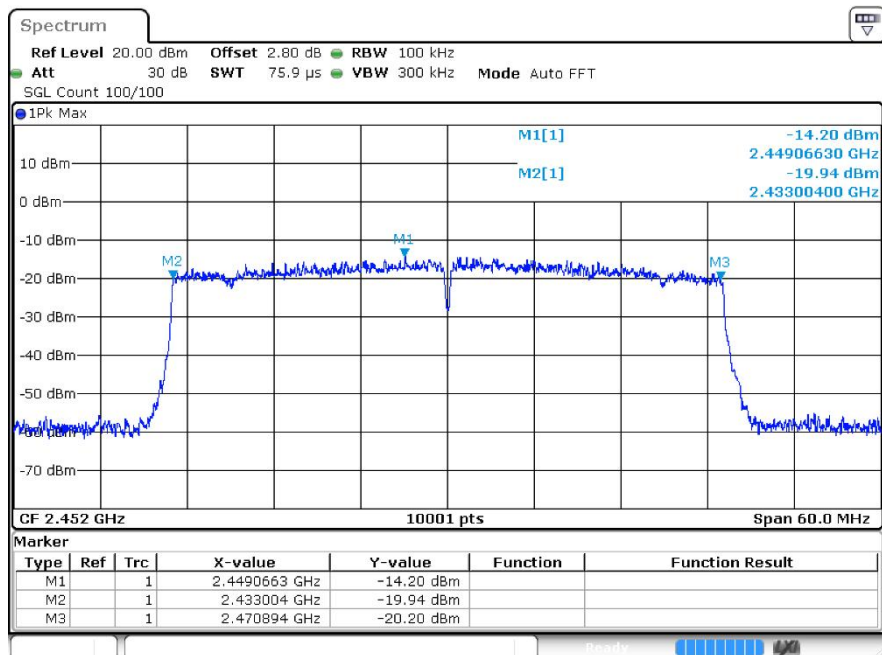




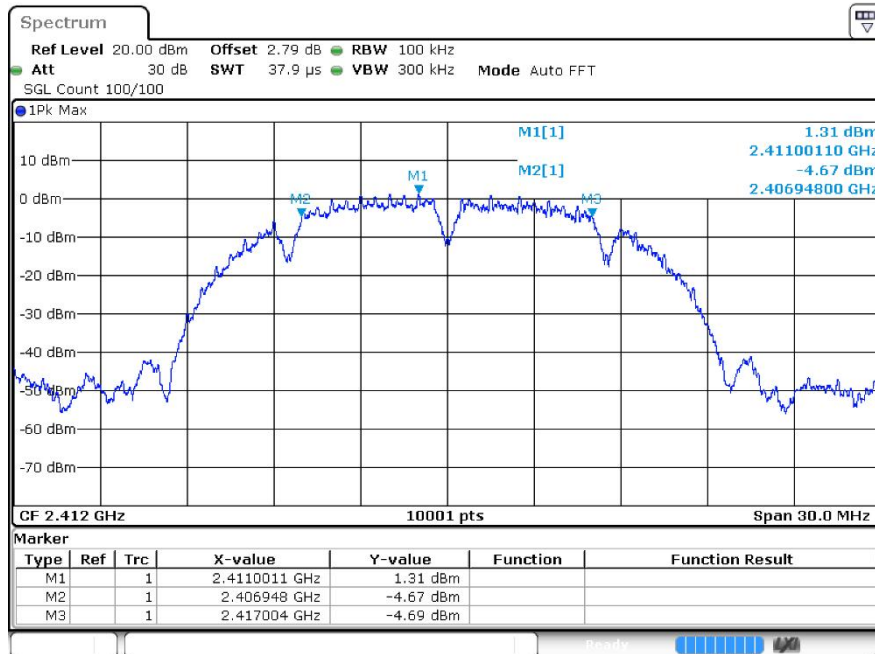
ax40 2437MHz Ant1



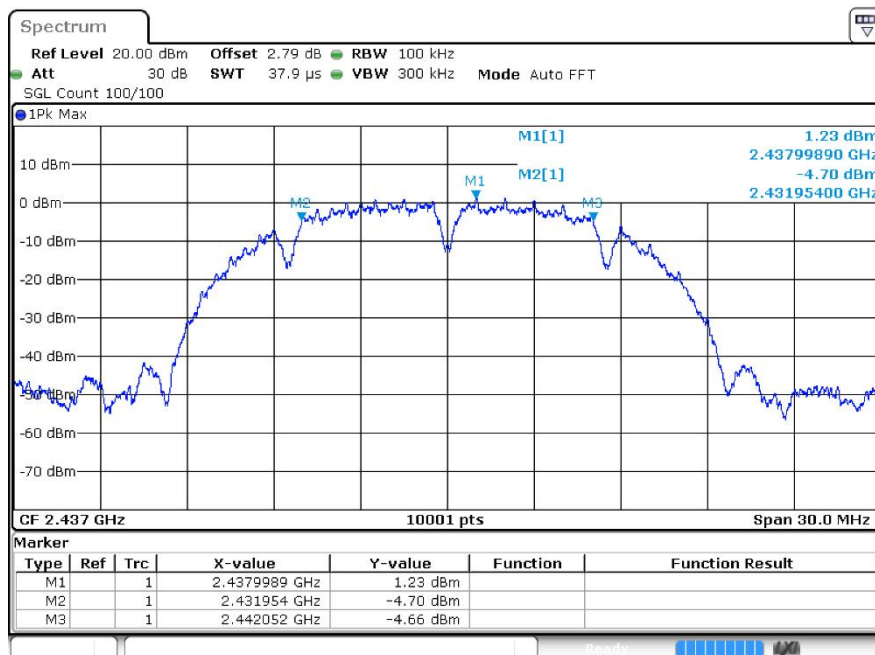
ax40 2452MHz Ant1



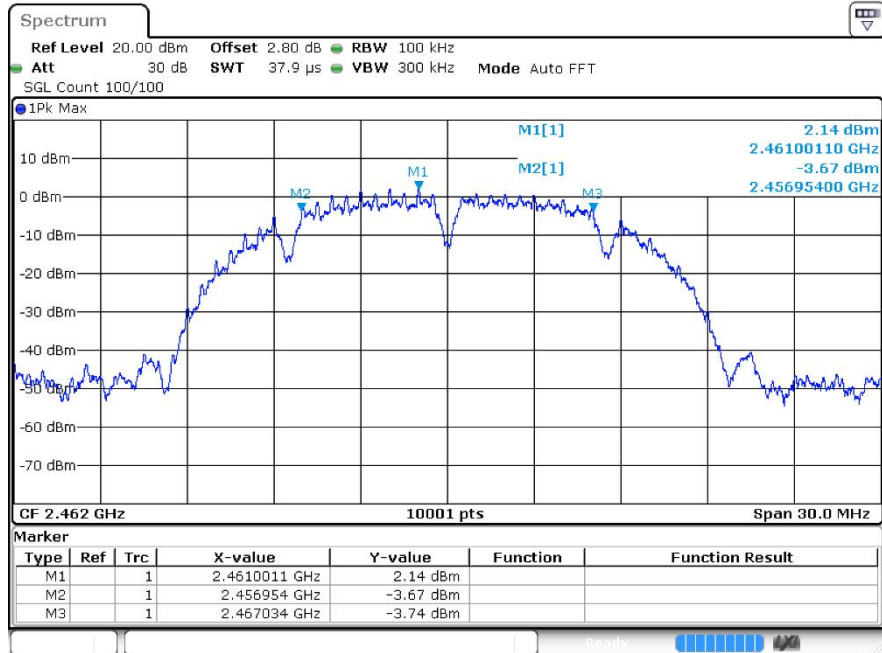
b 2412MHz Ant2



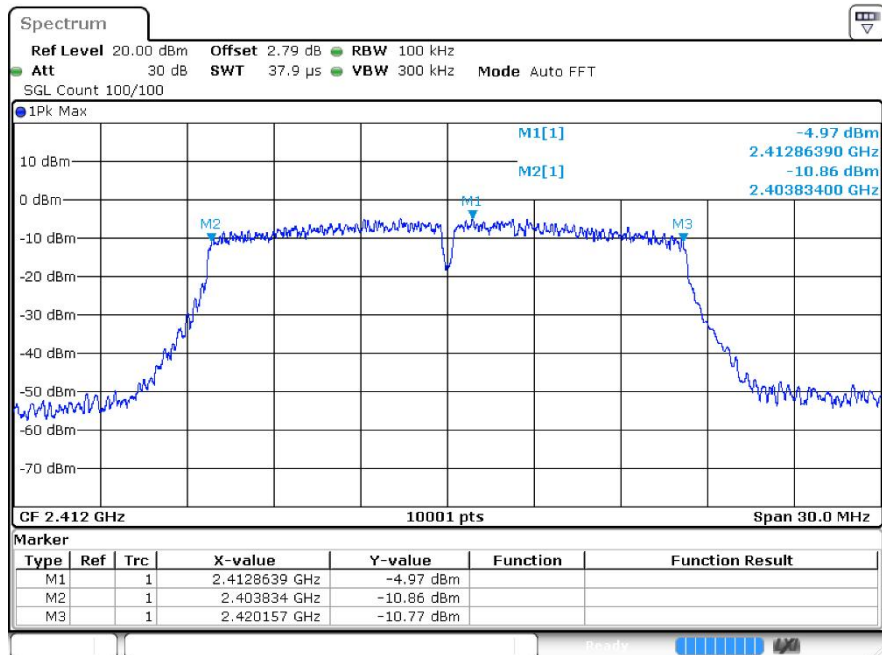
b 2437MHz Ant2

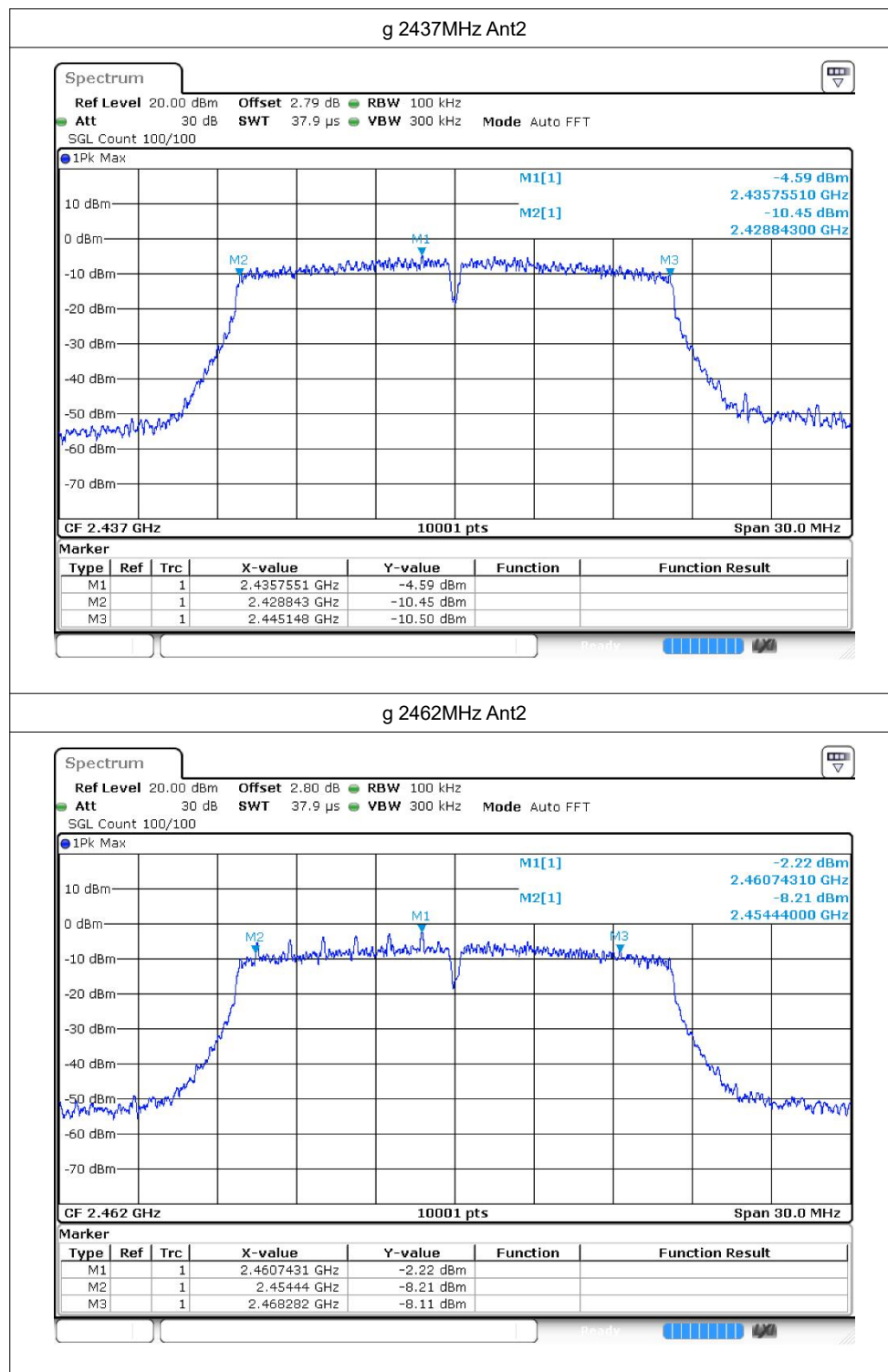


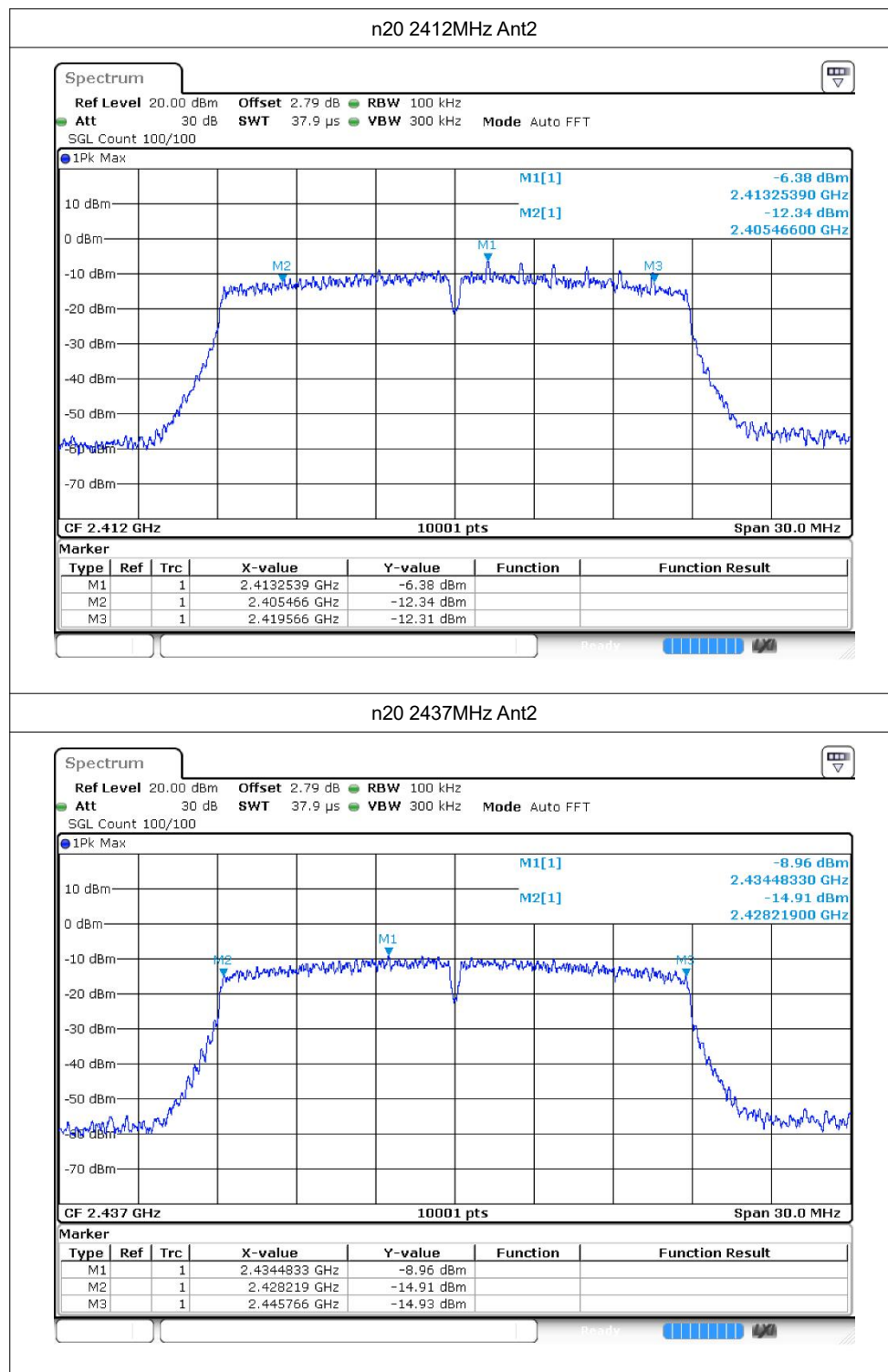
b 2462MHz Ant2

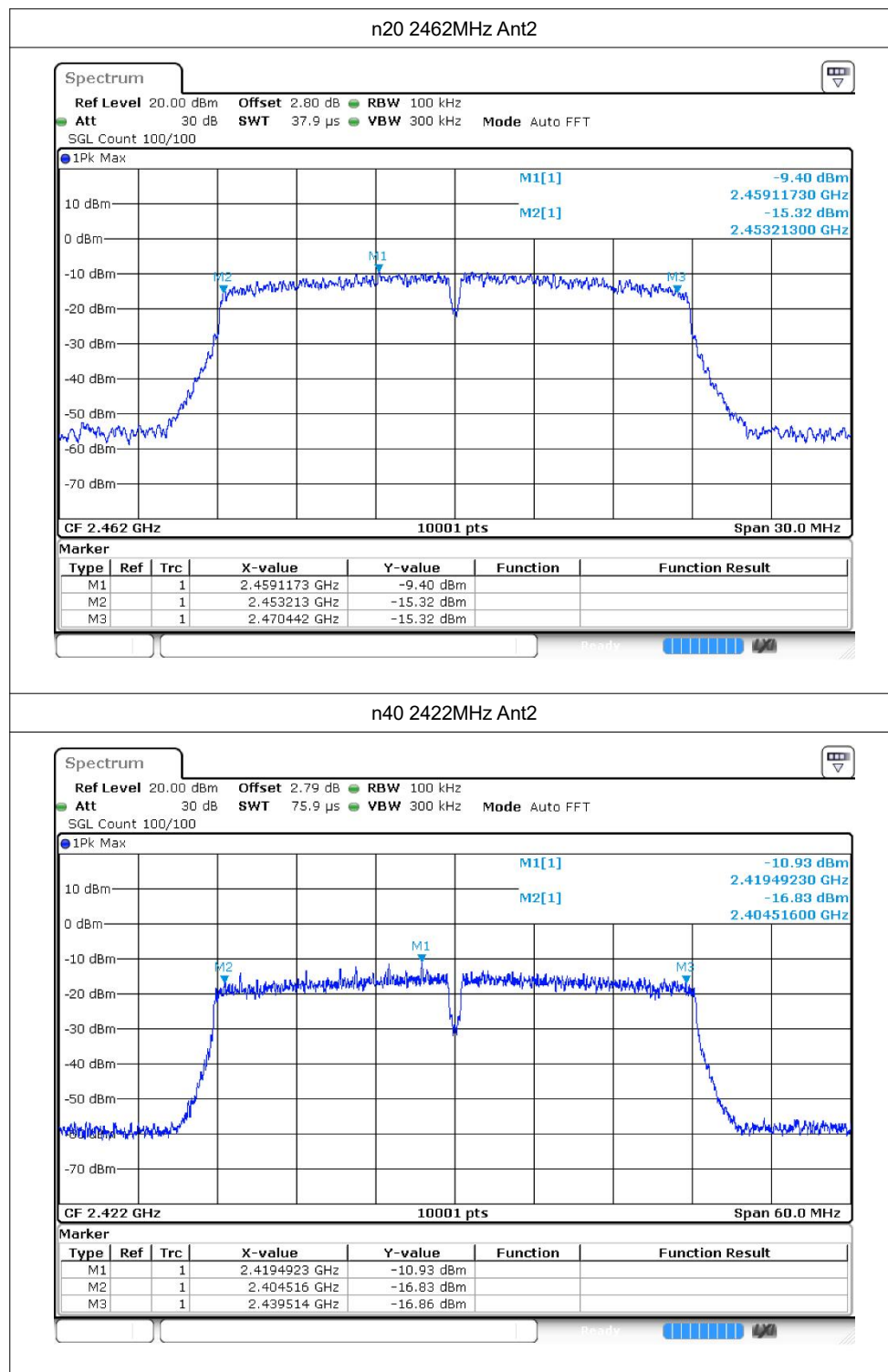


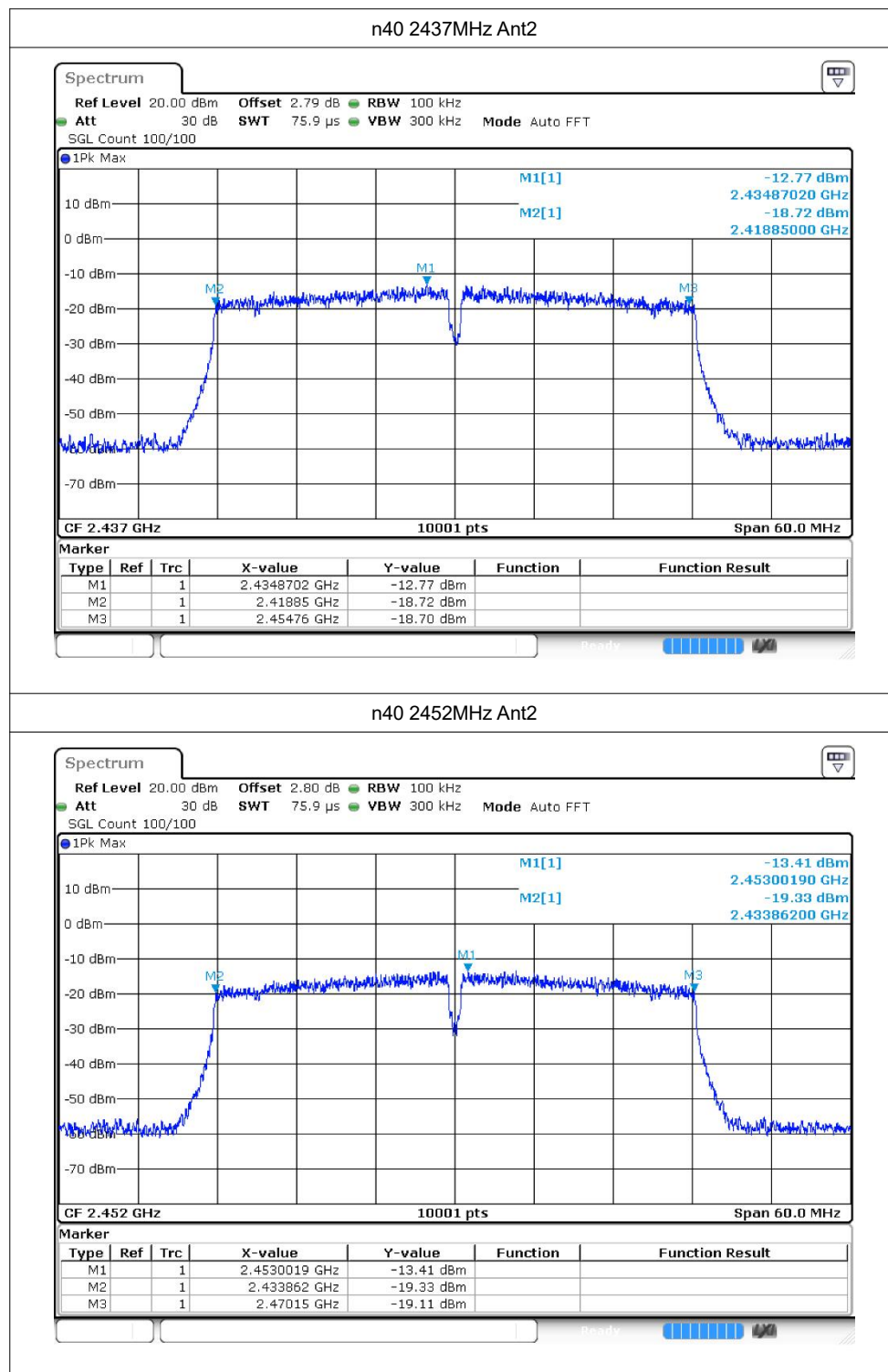
g 2412MHz Ant2



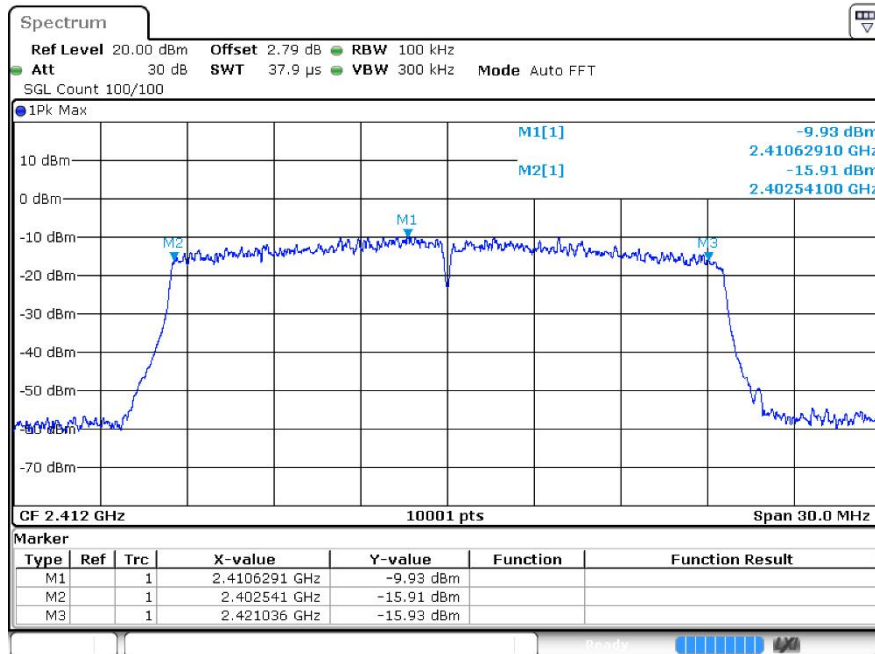




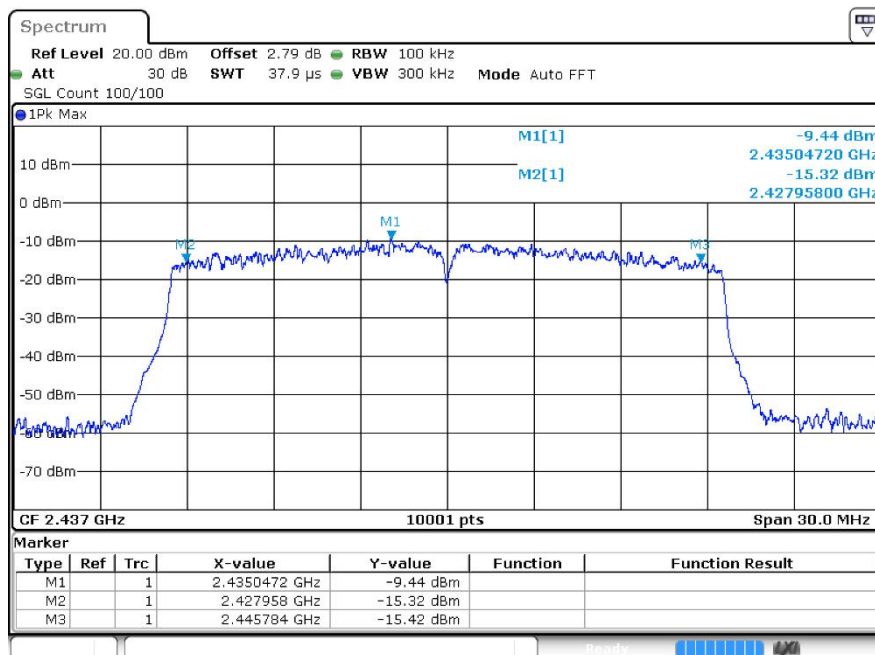


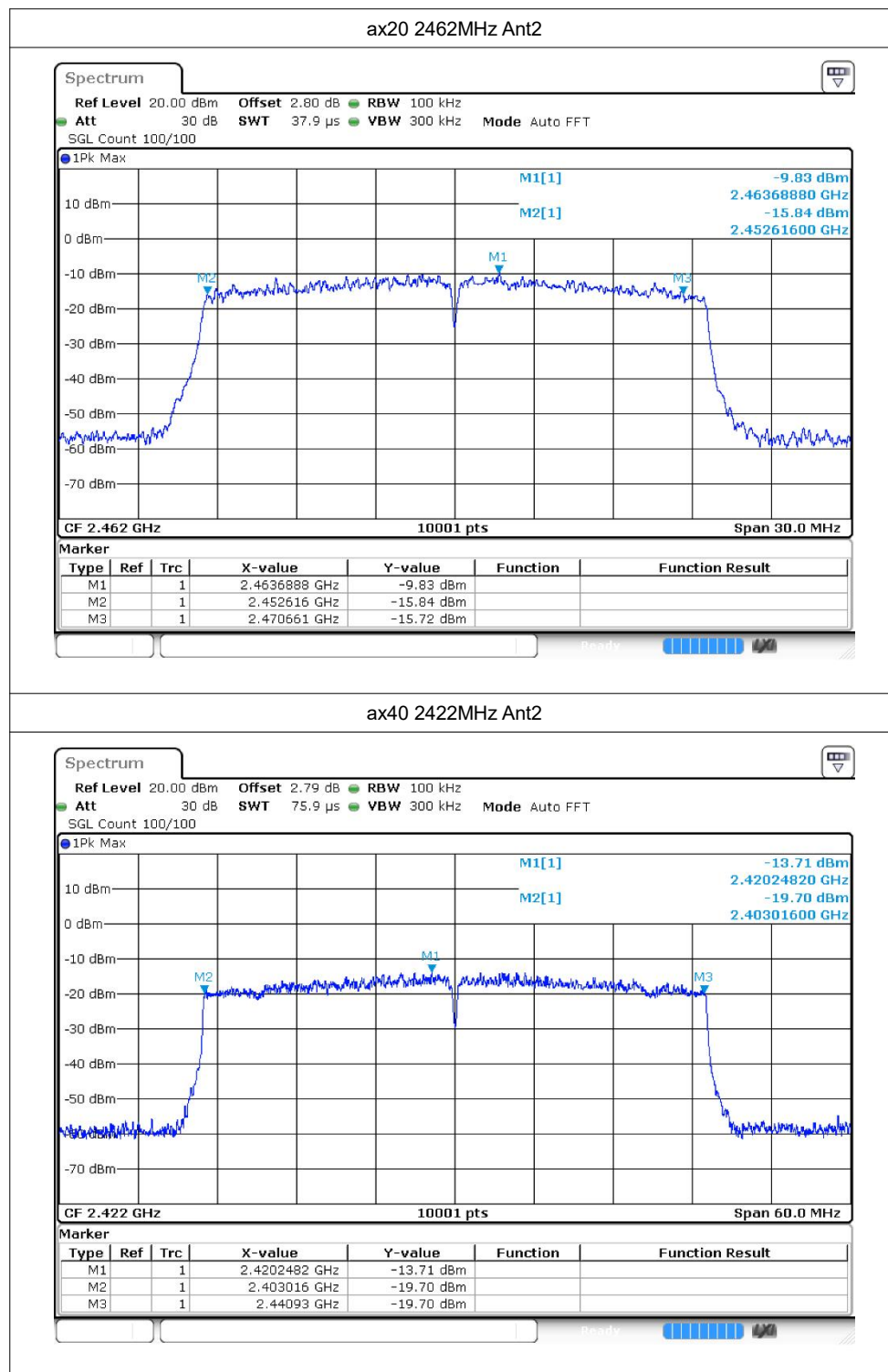


ax20 2412MHz Ant2

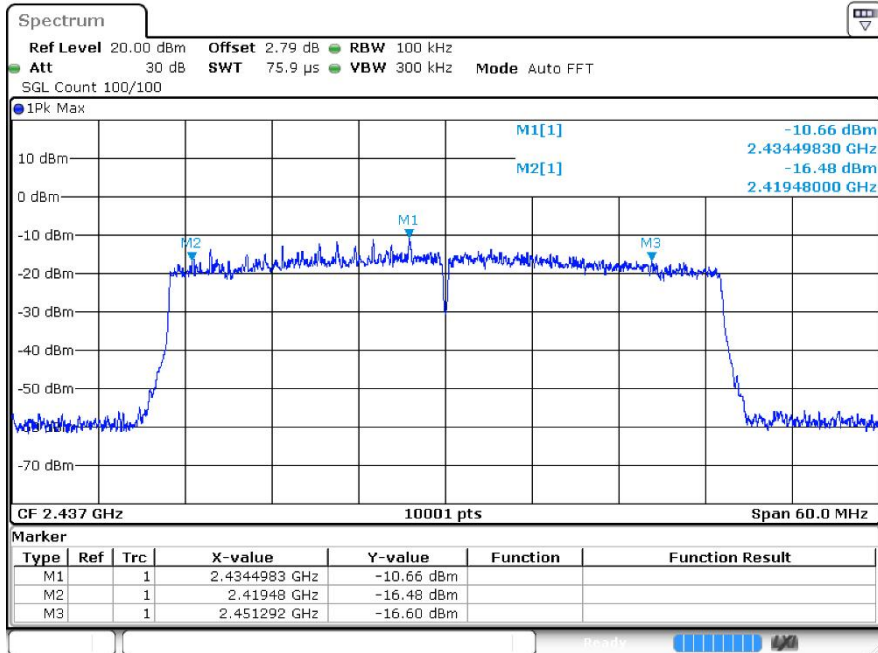


ax20 2437MHz Ant2

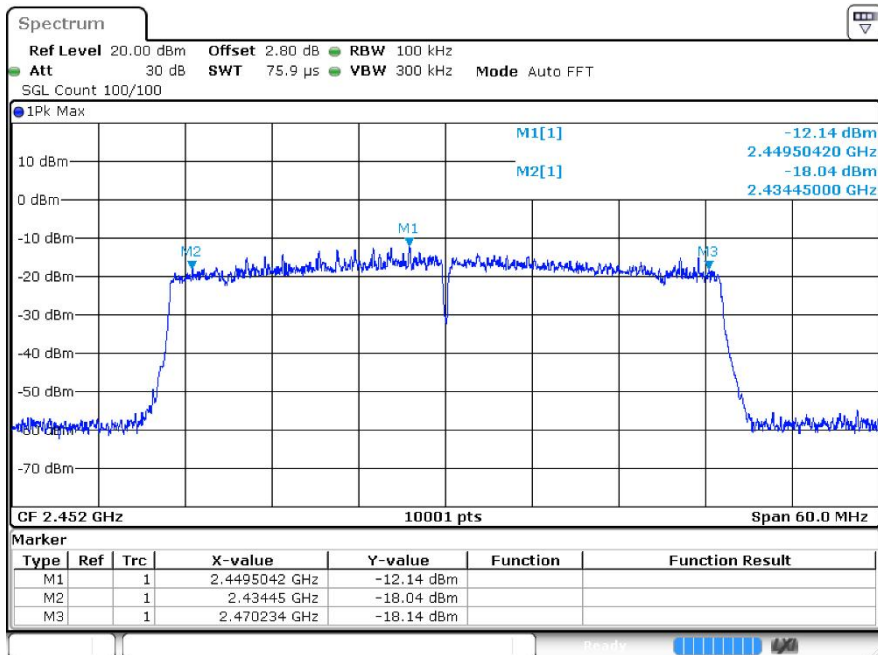




ax40 2437MHz Ant2



ax40 2452MHz Ant2



4 Maximum Power Spectral Density Level

4.1 Test Result

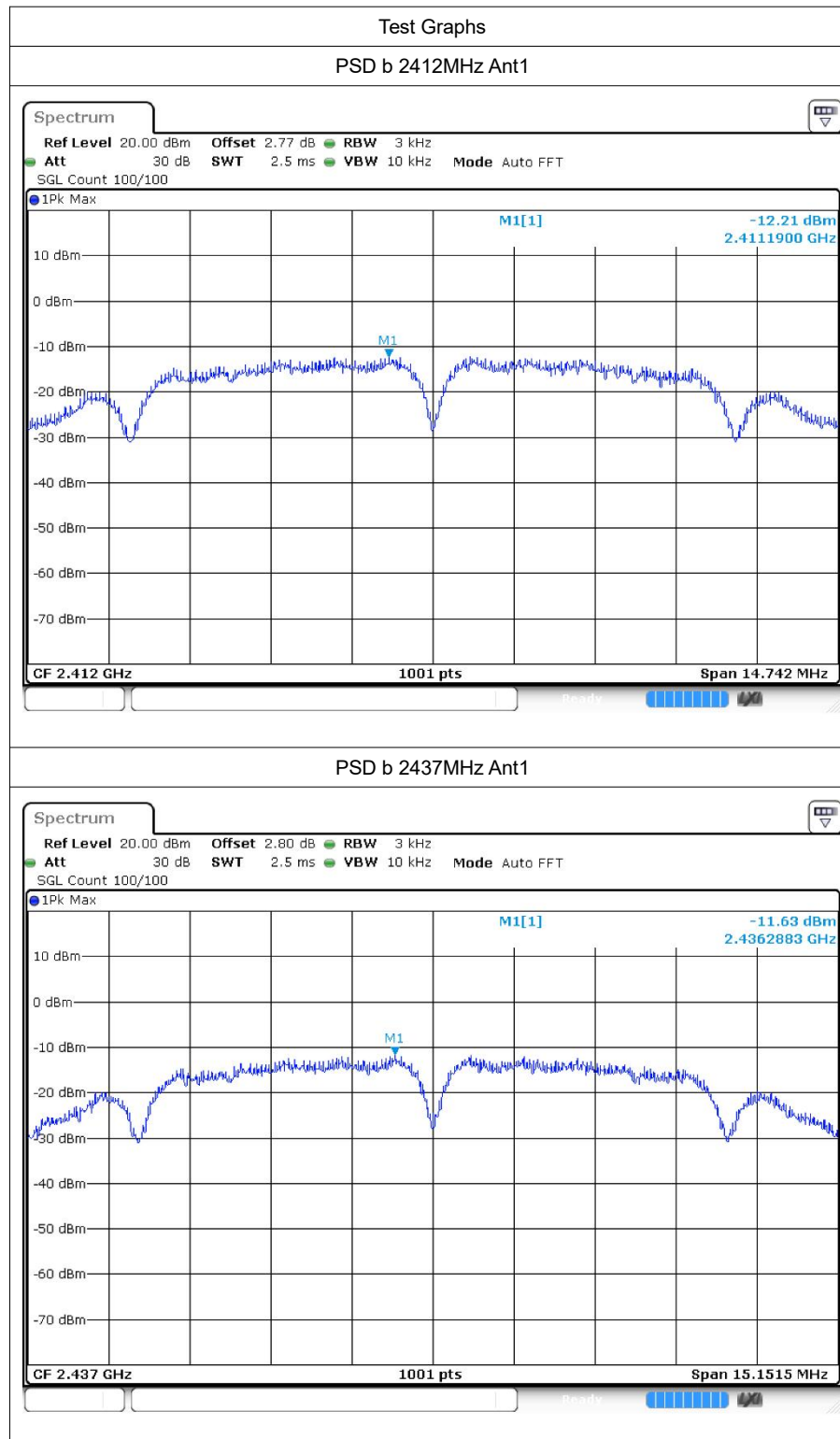
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
b	2412	Ant1	-12.21	≤8	Pass
b	2437	Ant1	-11.63	≤8	Pass
b	2462	Ant1	-11.53	≤8	Pass
g	2412	Ant1	-18.05	≤8	Pass
g	2437	Ant1	-18.07	≤8	Pass
g	2462	Ant1	-18.52	≤8	Pass
n20	2412	Ant1	-21.01	≤8	Pass
n20	2437	Ant1	-21.41	≤8	Pass
n20	2462	Ant1	-21.51	≤8	Pass
n40	2422	Ant1	-24.35	≤8	Pass
n40	2437	Ant1	-25.5	≤8	Pass
n40	2452	Ant1	-25.26	≤8	Pass
ax20	2412	Ant1	-9.66	≤8	Pass
ax20	2437	Ant1	-9.2	≤8	Pass
ax20	2462	Ant1	-10.12	≤8	Pass
ax40	2422	Ant1	-13.82	≤8	Pass
ax40	2437	Ant1	-13.96	≤8	Pass
ax40	2452	Ant1	-13	≤8	Pass
b	2412	Ant2	-12.25	≤8	Pass
b	2437	Ant2	-11.77	≤8	Pass
b	2462	Ant2	-11.09	≤8	Pass
g	2412	Ant2	-18.28	≤8	Pass
g	2437	Ant2	-18.21	≤8	Pass
g	2462	Ant2	-18.02	≤8	Pass
n20	2412	Ant2	-21.12	≤8	Pass
n20	2437	Ant2	-21.25	≤8	Pass
n20	2462	Ant2	-21.27	≤8	Pass
n40	2422	Ant2	-25.28	≤8	Pass
n40	2437	Ant2	-24.8	≤8	Pass
n40	2452	Ant2	-25.93	≤8	Pass
ax20	2412	Ant2	-9.46	≤8	Pass
ax20	2437	Ant2	-6.71	≤8	Pass
ax20	2462	Ant2	-9.69	≤8	Pass

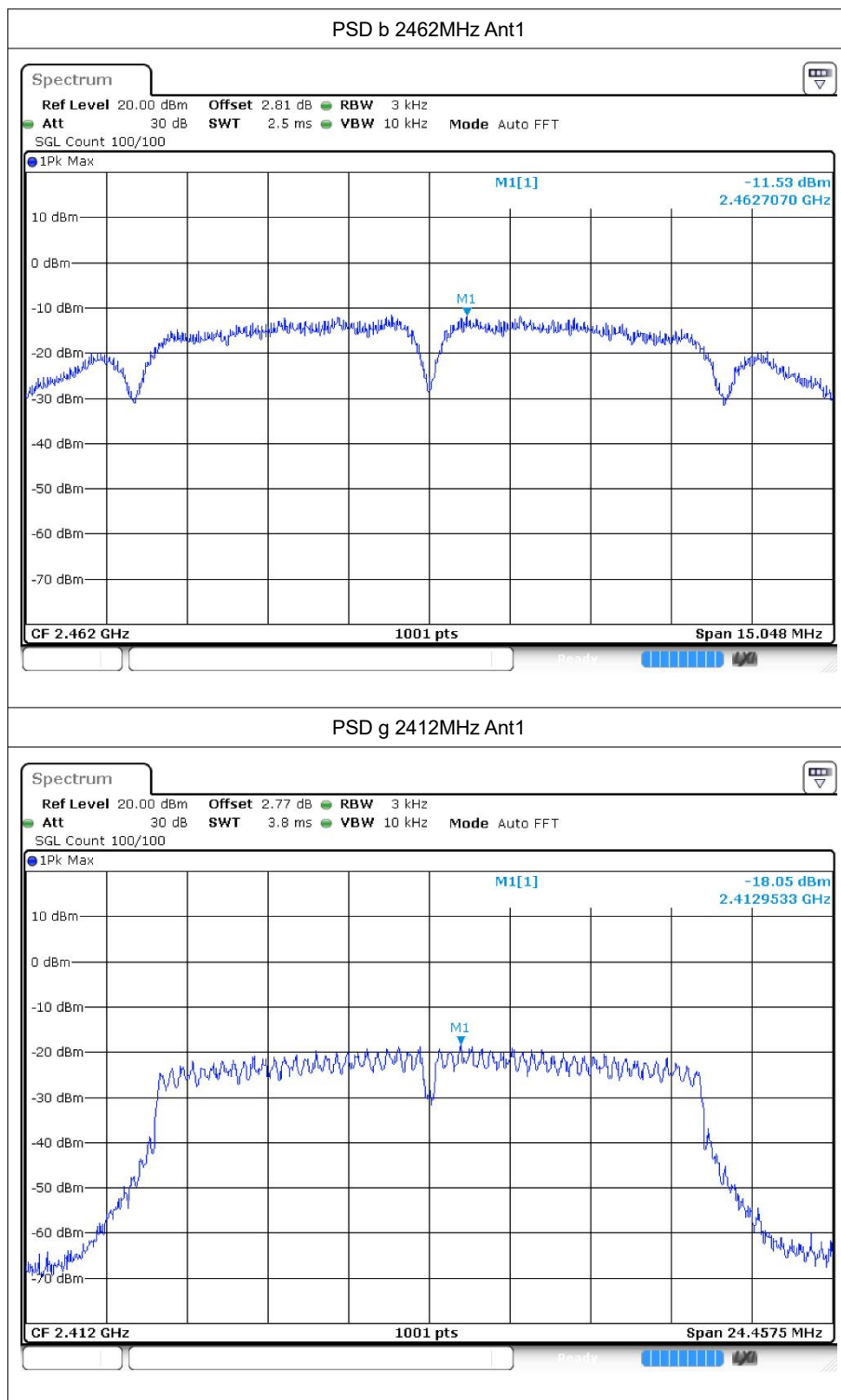


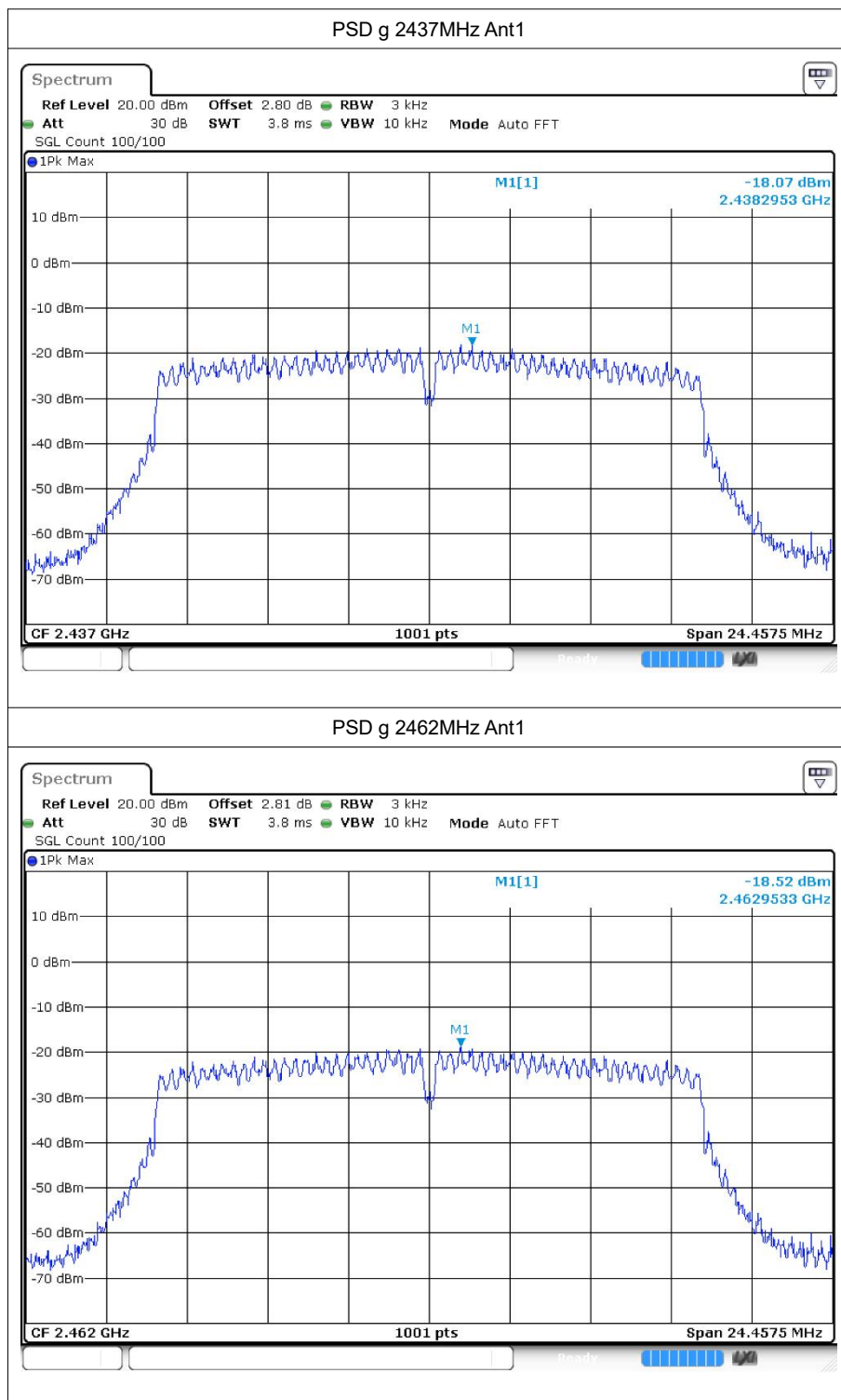
ax40	2422	Ant2	-14.47	≤ 8	Pass
ax40	2437	Ant2	-12.81	≤ 8	Pass
ax40	2452	Ant2	-13.27	≤ 8	Pass
n20	2412	Sum	-18.05	≤ 7.86	Pass
n20	2437	Sum	-18.32	≤ 7.86	Pass
n20	2462	Sum	-18.38	≤ 7.86	Pass
n40	2422	Sum	-21.78	≤ 7.86	Pass
n40	2437	Sum	-22.13	≤ 7.86	Pass
n40	2452	Sum	-22.57	≤ 7.86	Pass
ax20	2412	Sum	-6.55	≤ 7.86	Pass
ax20	2437	Sum	-4.77	≤ 7.86	Pass
ax20	2462	Sum	-6.89	≤ 7.86	Pass
ax40	2422	Sum	-11.12	≤ 7.86	Pass
ax40	2437	Sum	-10.34	≤ 7.86	Pass
ax40	2452	Sum	-10.12	≤ 7.86	Pass

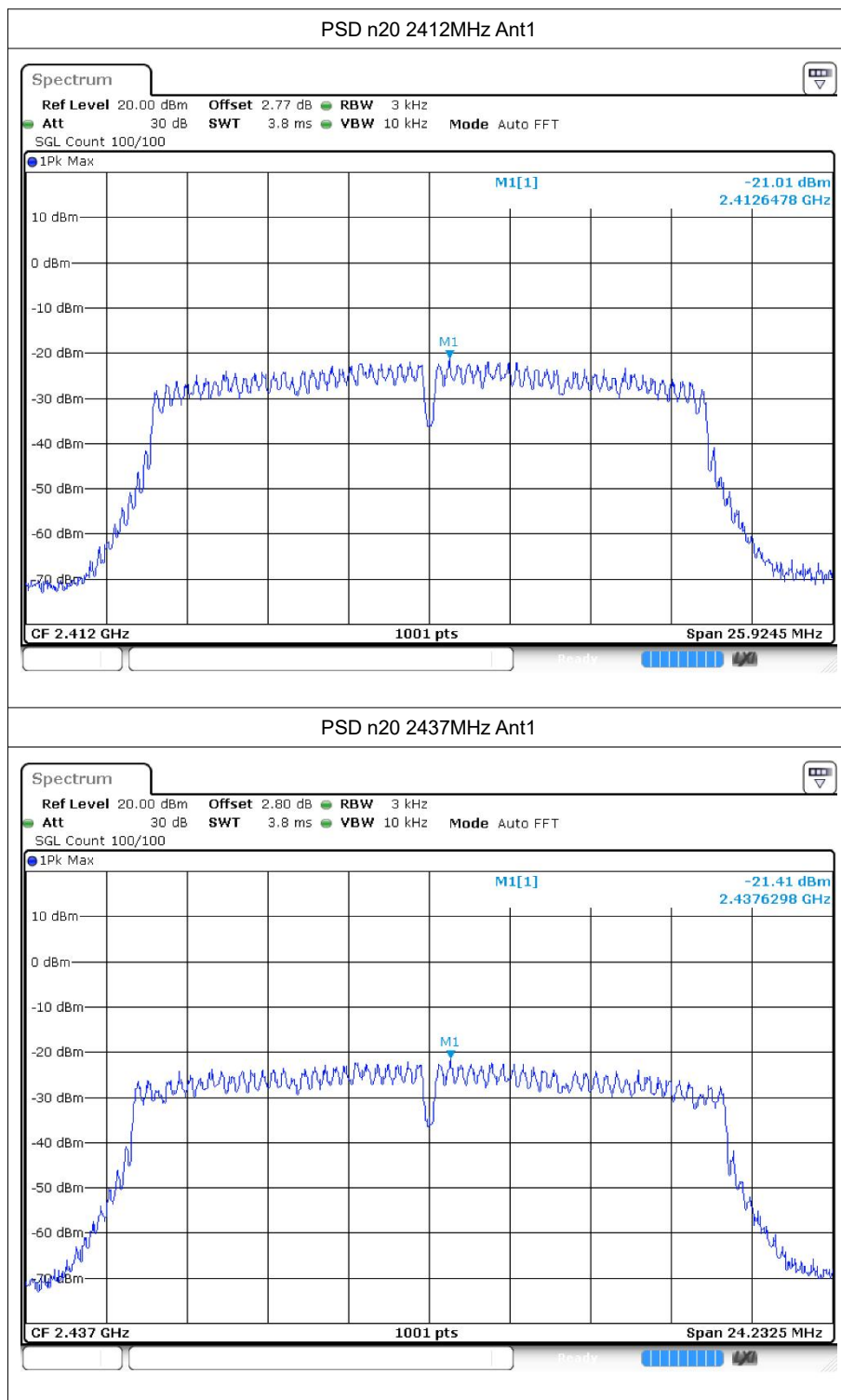
Note: The MIMO gain of antenna is 6.14 dBi, which exceeds 6 dBi. Limit = $8 - (6.14 - 6) = 7.86$ dBm

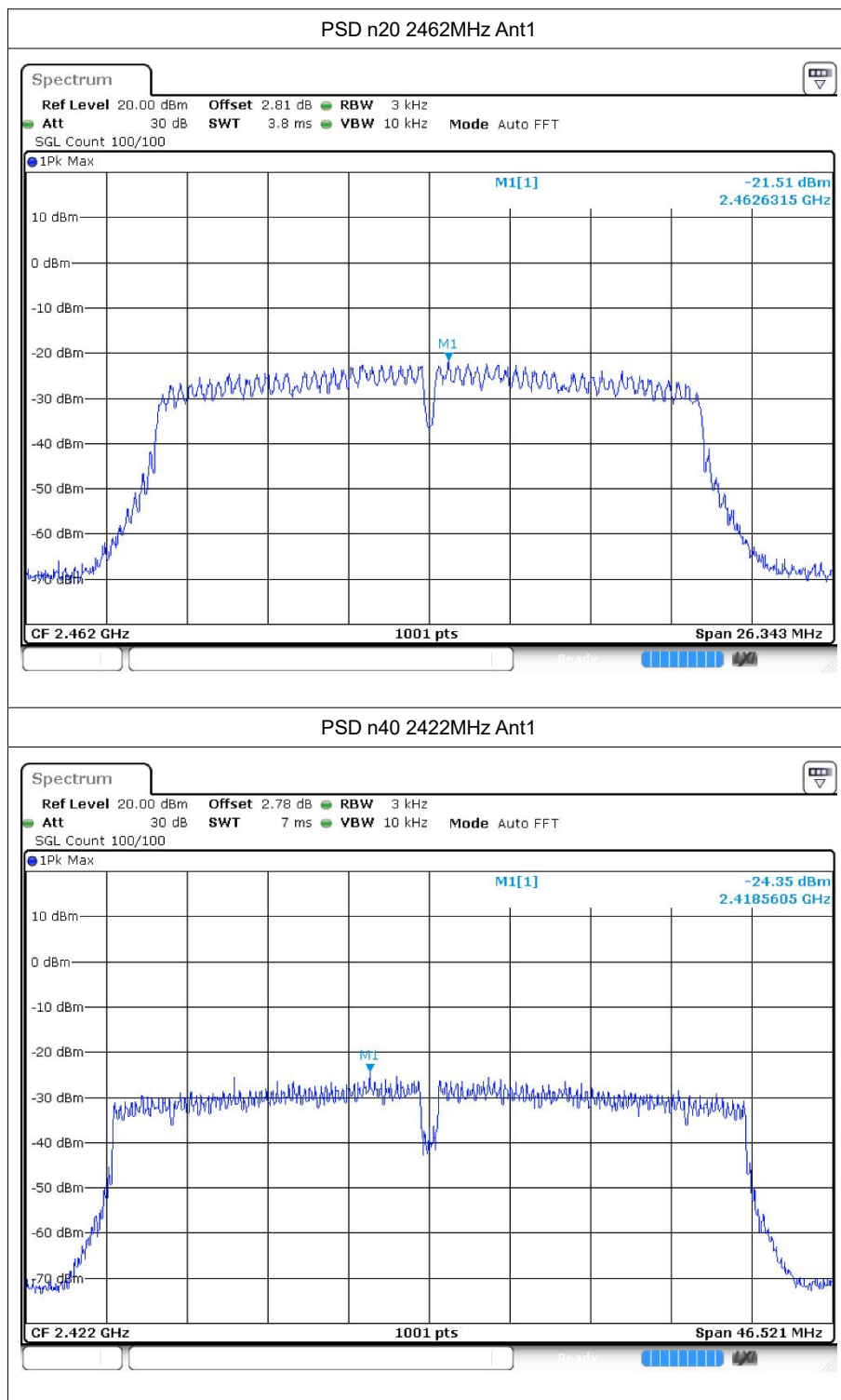
4.2 Test Graphs

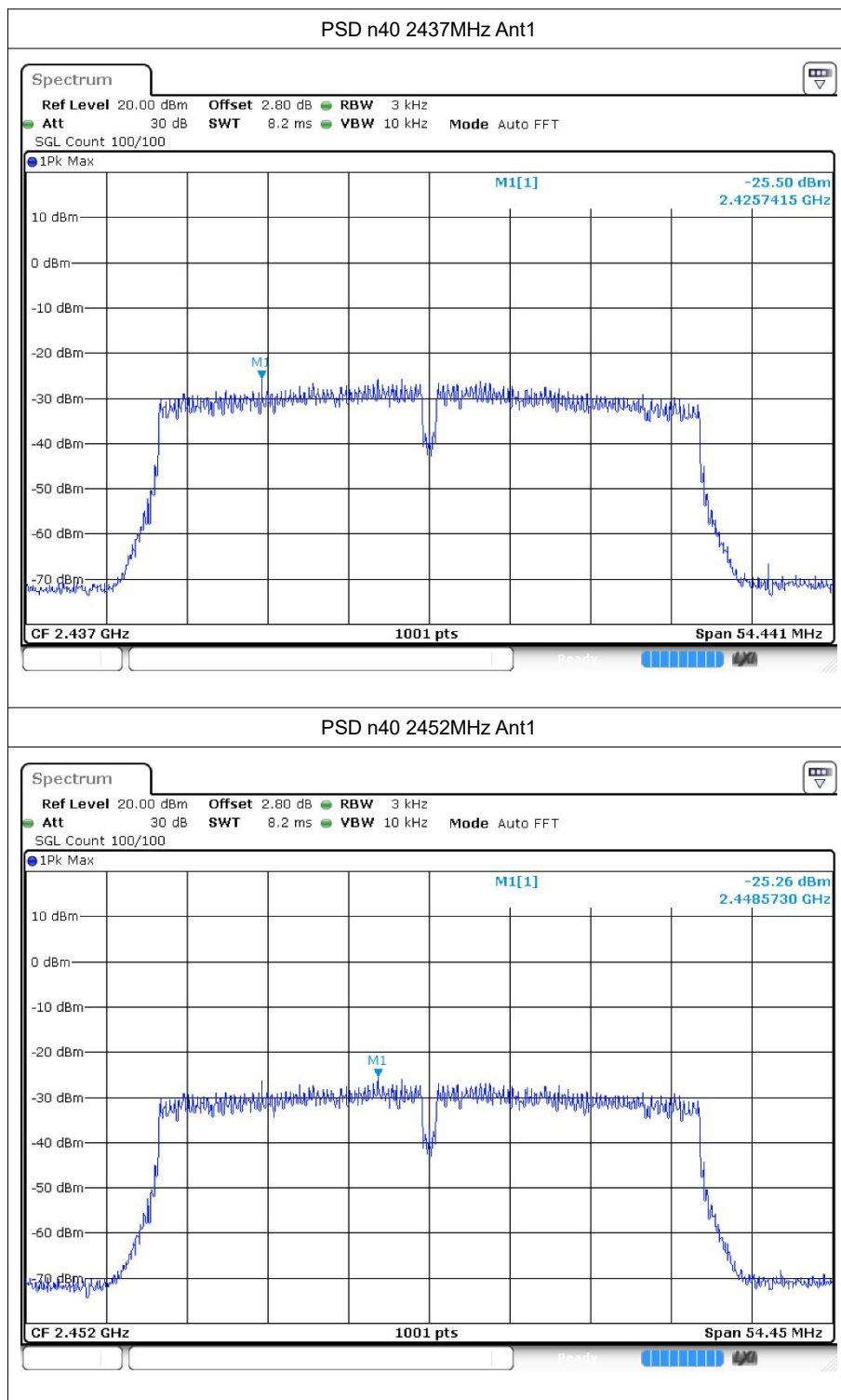




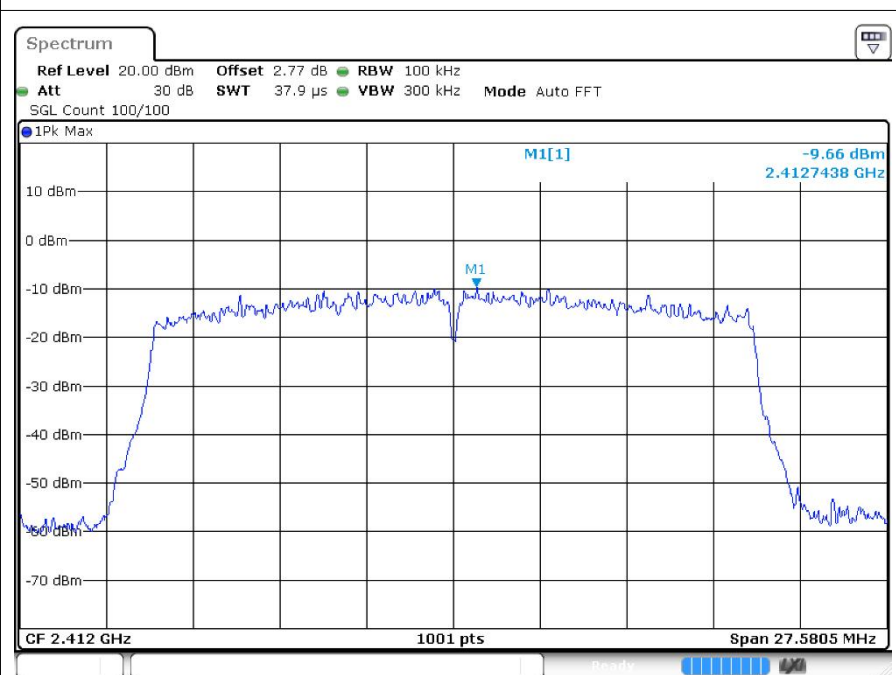








PSD ax20 2412MHz Ant1



PSD ax20 2437MHz Ant1

