



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name:Tablet PC

Trade Mark:Blackview

Test Model:Tab 50 WiFi

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



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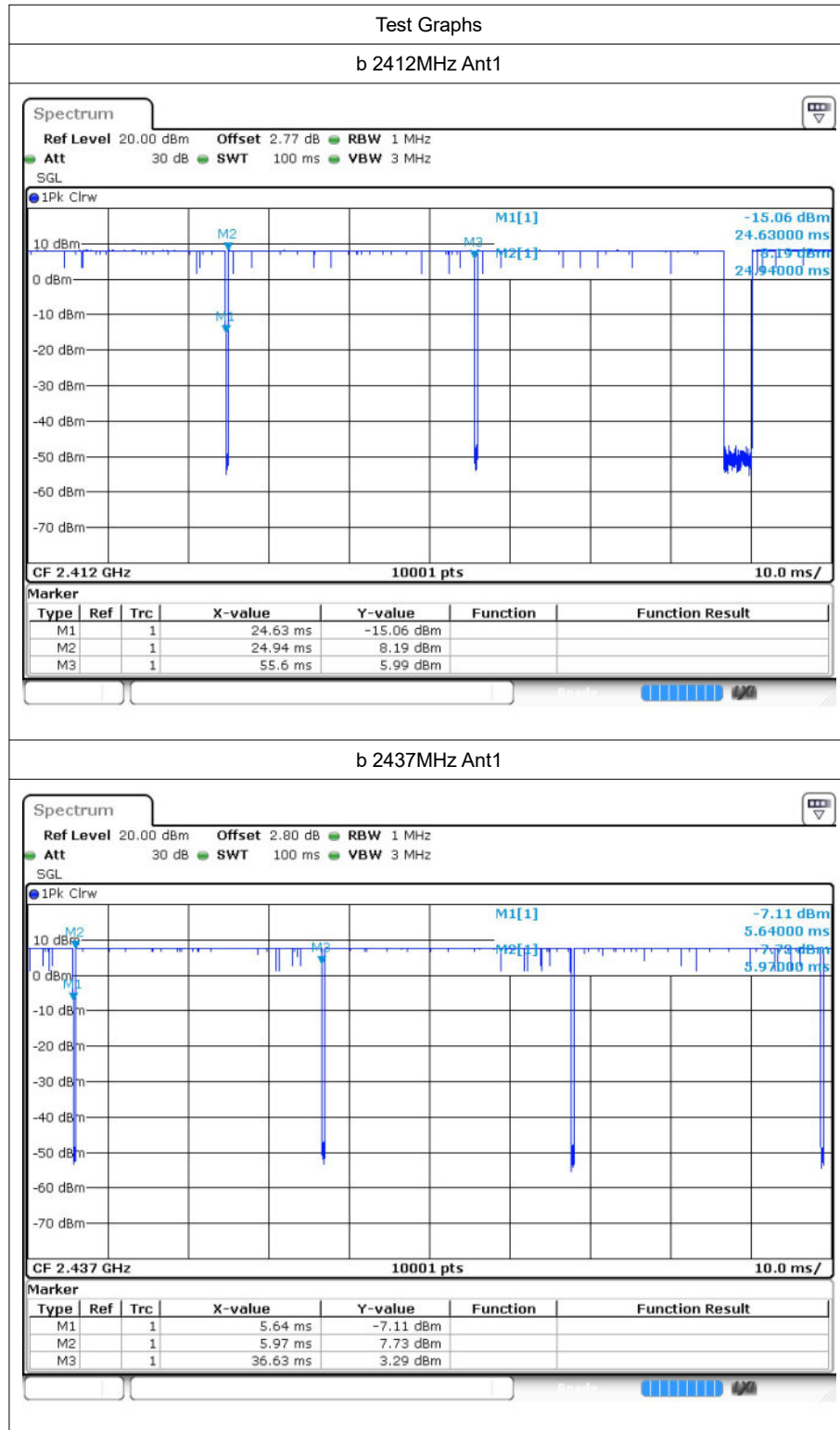


1 Duty Cycle

1.1 Test Result

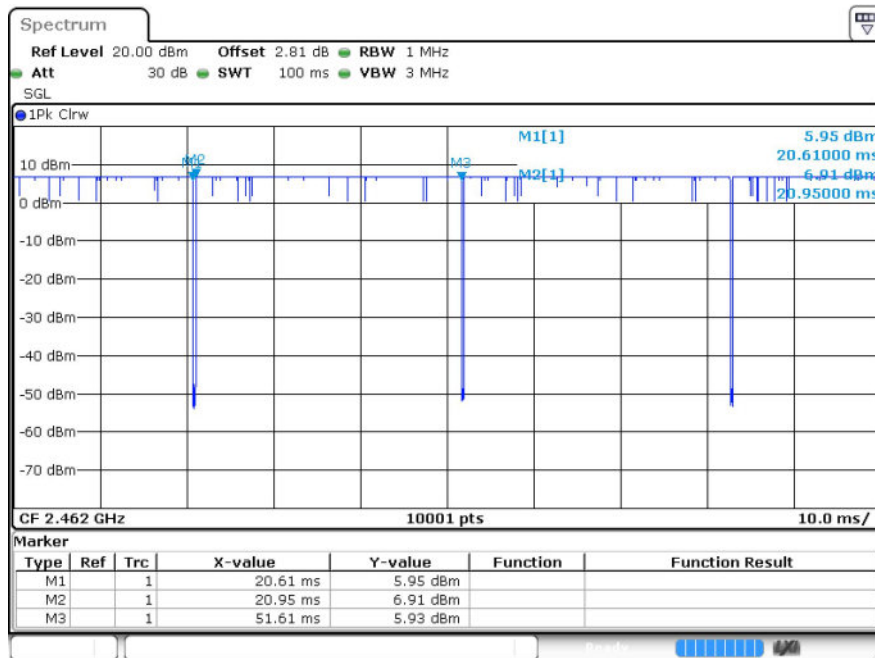
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	1/T (kHz)
b	2412	Ant1	95.91	0.03
b	2437	Ant1	98.61	0.03
b	2462	Ant1	99.07	0.03
g	2412	Ant1	90.98	0.2
g	2437	Ant1	87.07	0.2
g	2462	Ant1	93.86	0.2
n20	2412	Ant1	90.15	0.21
n20	2437	Ant1	81.18	0.62
n20	2462	Ant1	93.28	0.21
n40	2422	Ant1	88.39	0.22
n40	2437	Ant1	86.37	0.33
n40	2452	Ant1	93.46	0.22
ax20	2412	Ant1	88.15	0.28
ax20	2437	Ant1	90.33	0.28
ax20	2462	Ant1	85.63	0.28
ax40	2422	Ant1	89.48	0.19
ax40	2437	Ant1	92.17	0.24
ax40	2452	Ant1	89.8	0.19

1.2 Test Graphs

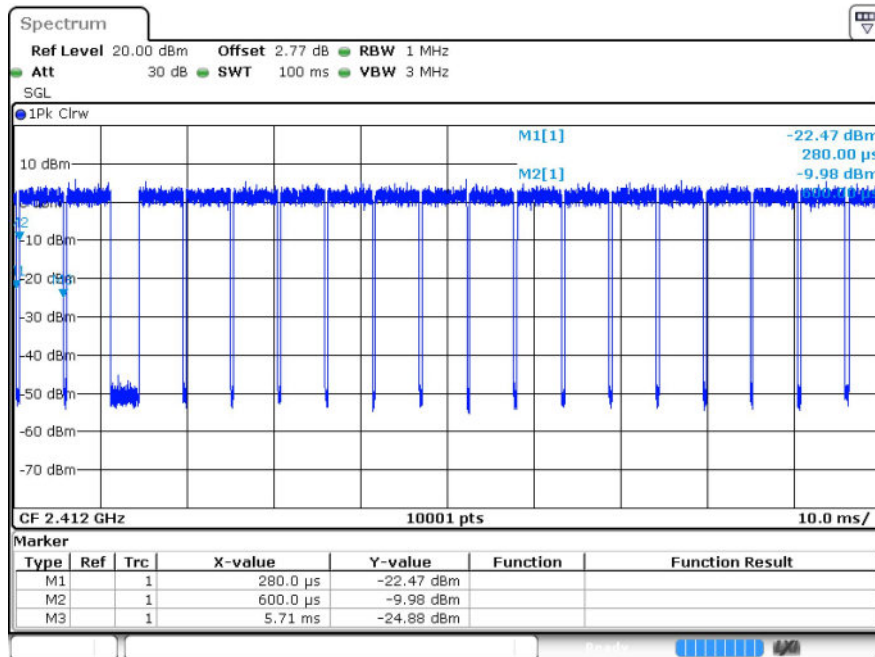


Test Graphs

b 2462MHz Ant1

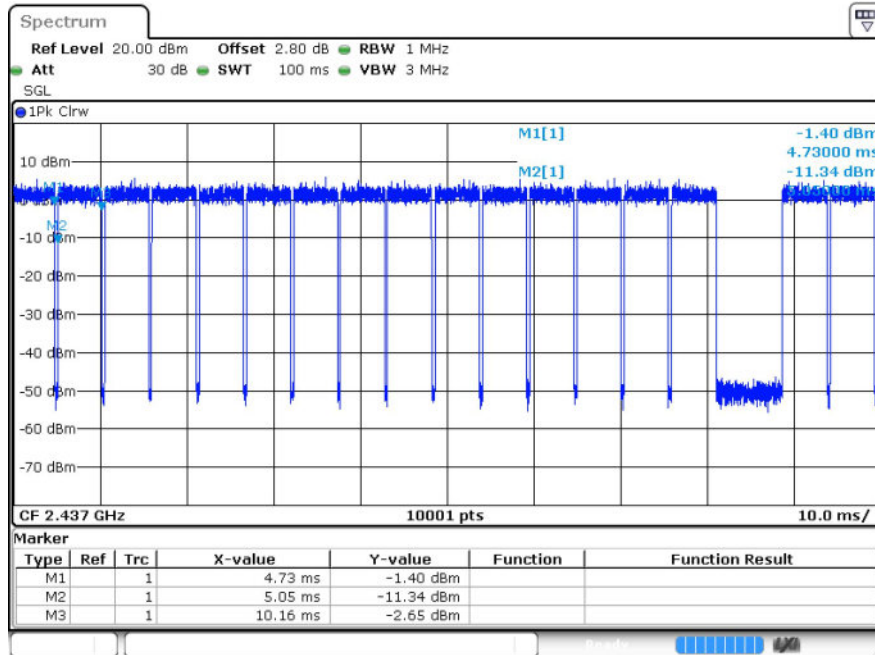


g 2412MHz Ant1

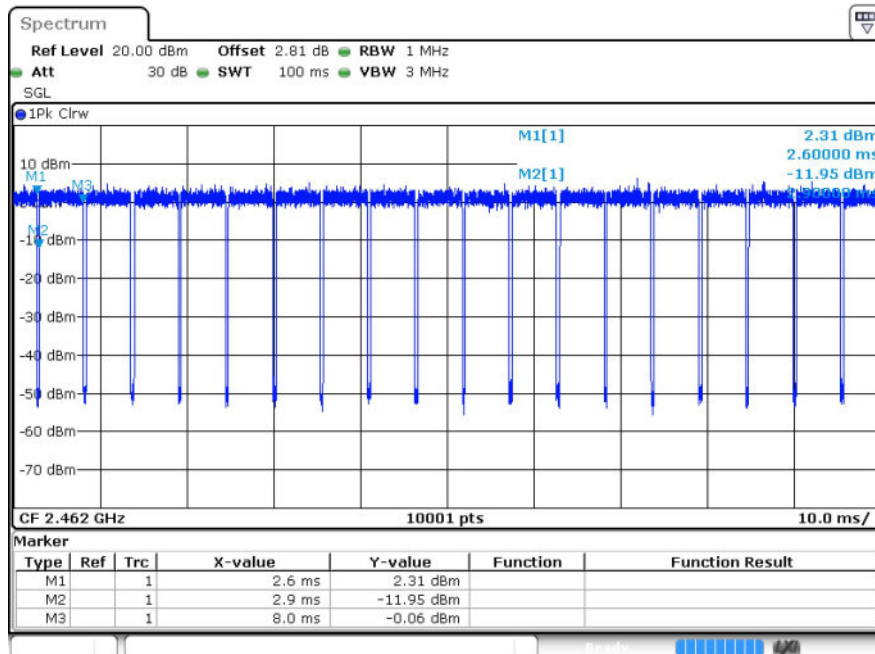


Test Graphs

g 2437MHz Ant1

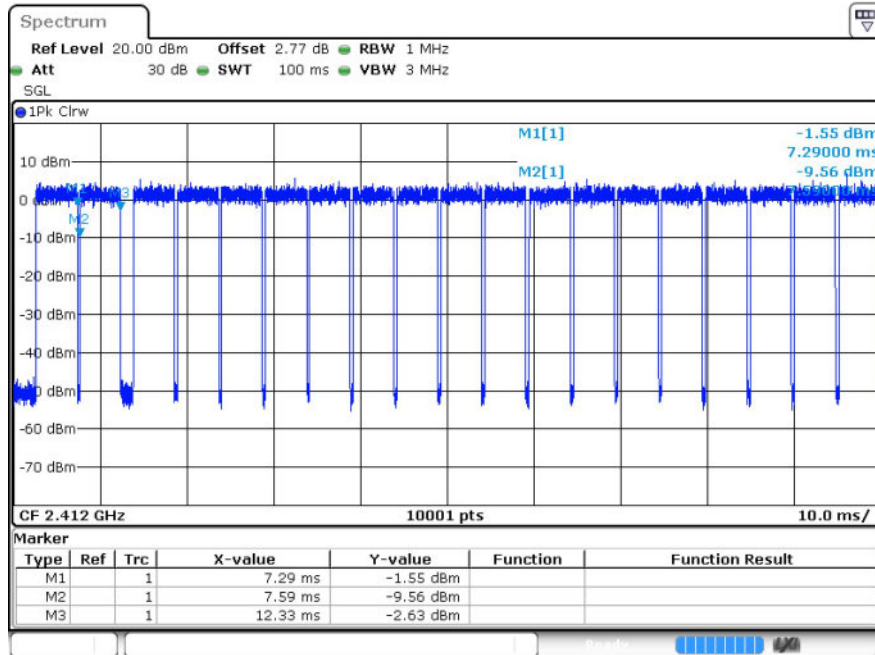


g 2462MHz Ant1

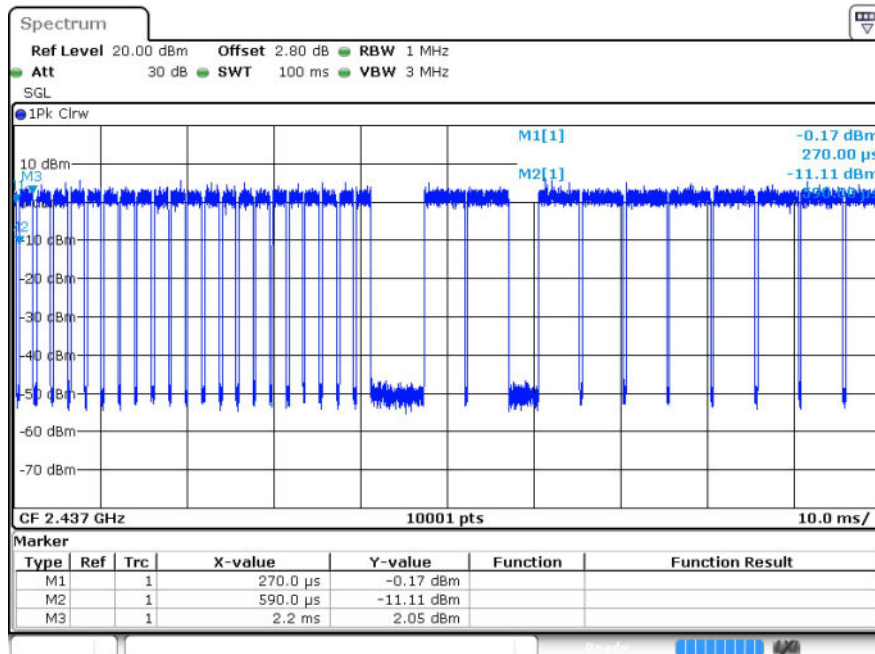


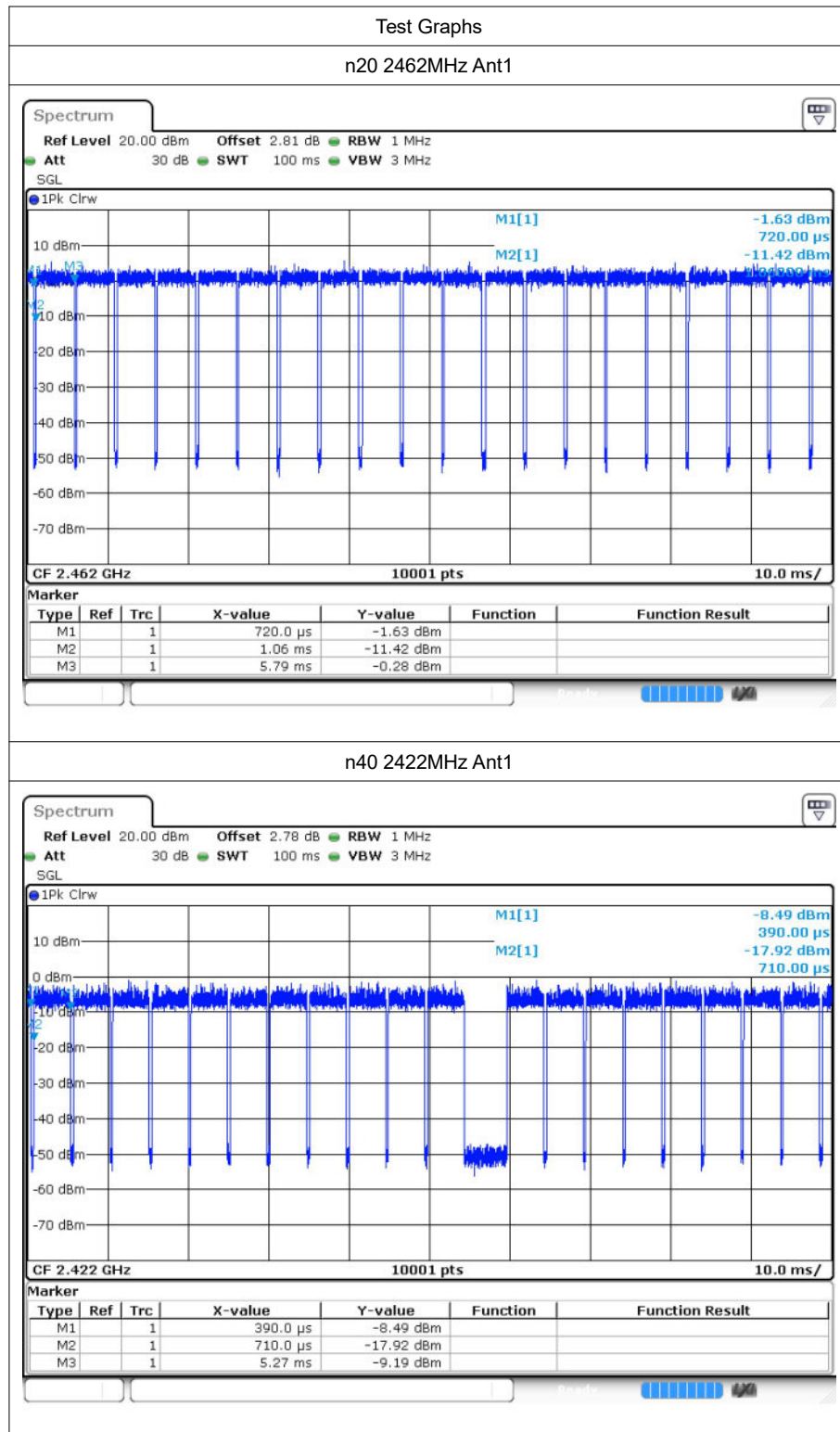
Test Graphs

n20 2412MHz Ant1



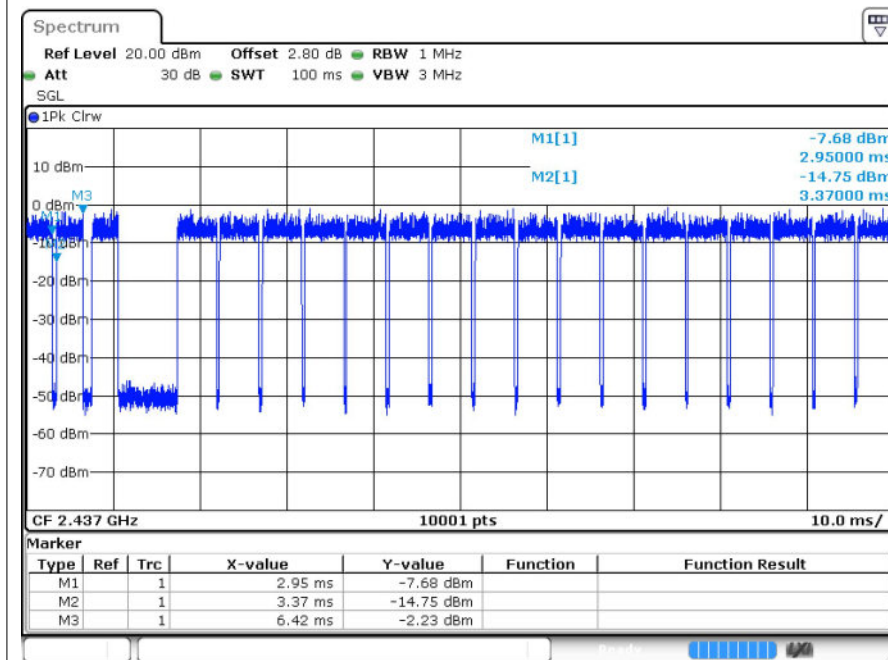
n20 2437MHz Ant1



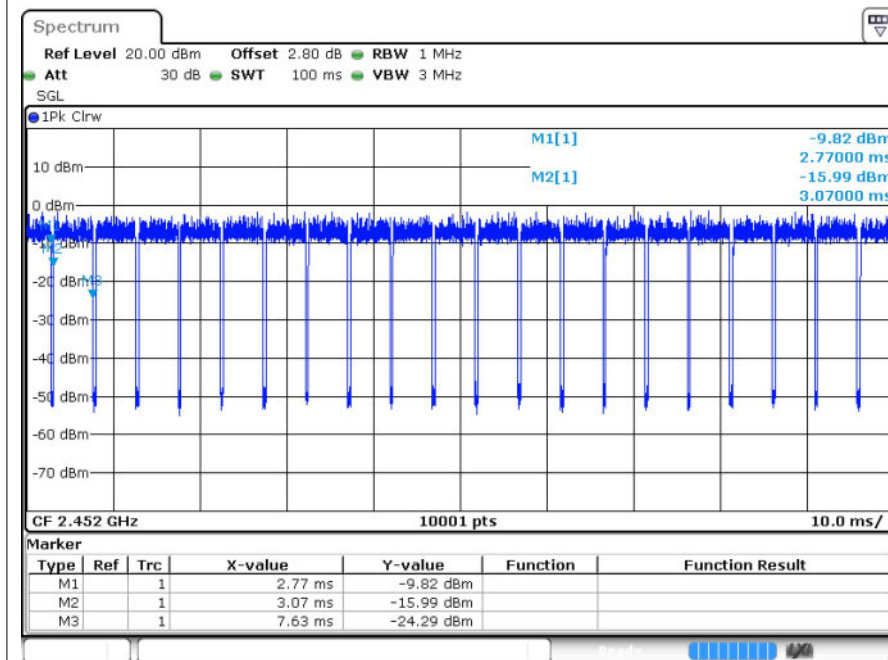


Test Graphs

n40 2437MHz Ant1

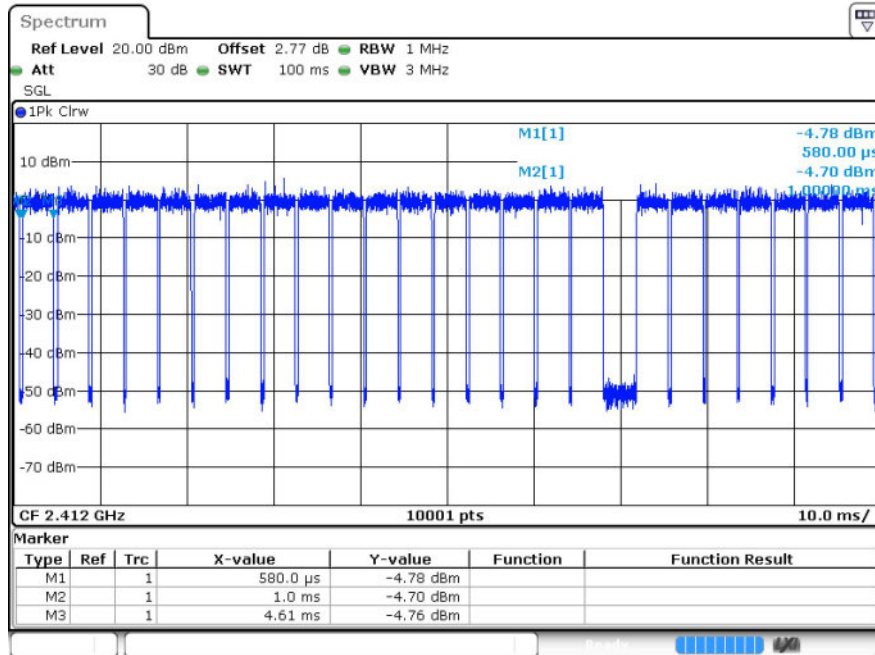


n40 2452MHz Ant1

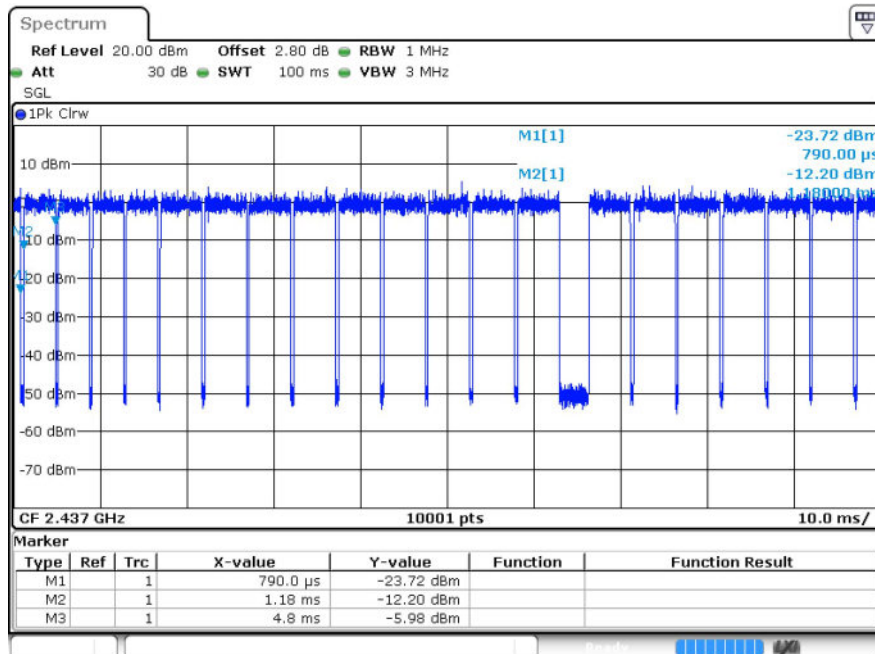


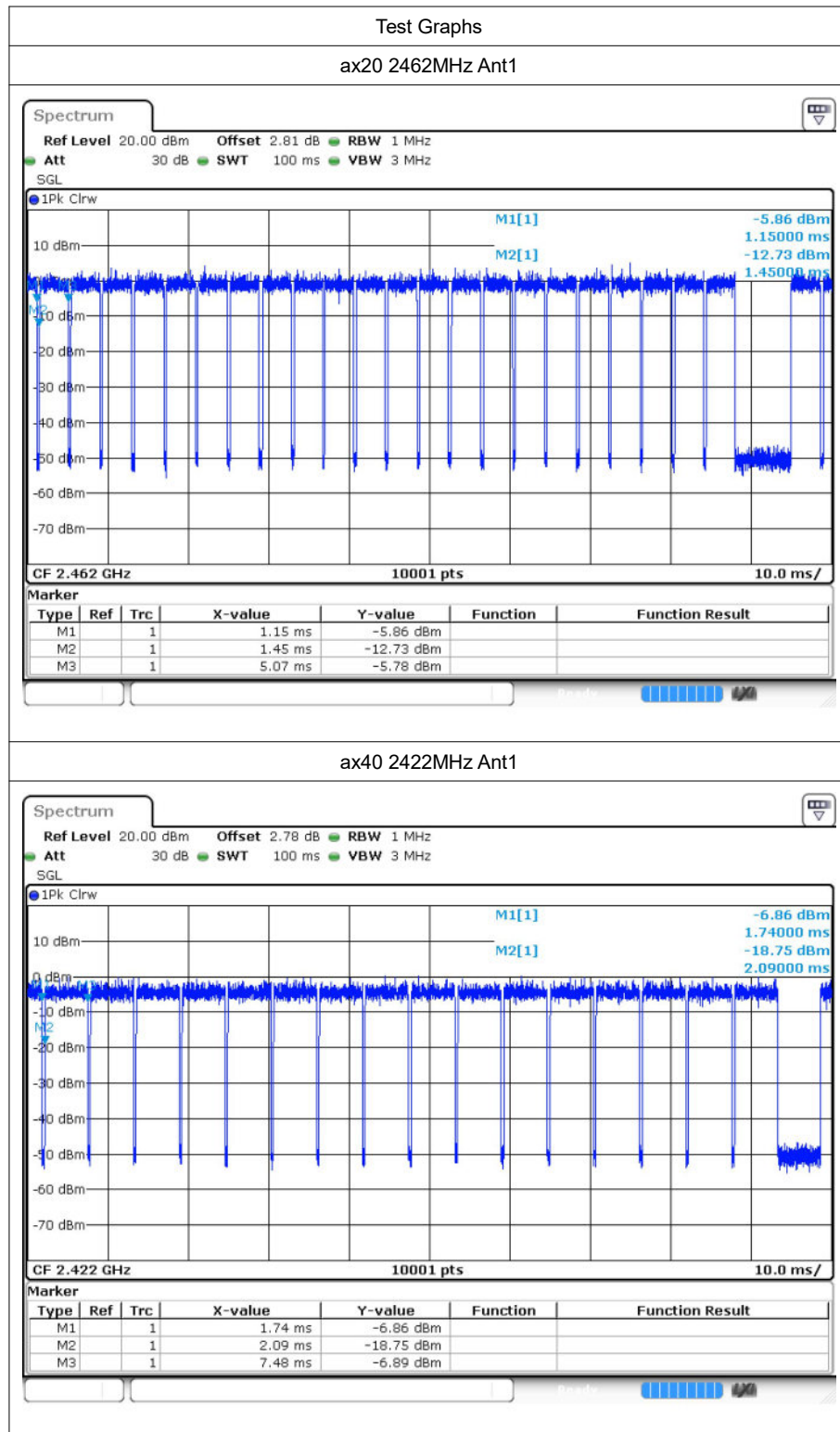
Test Graphs

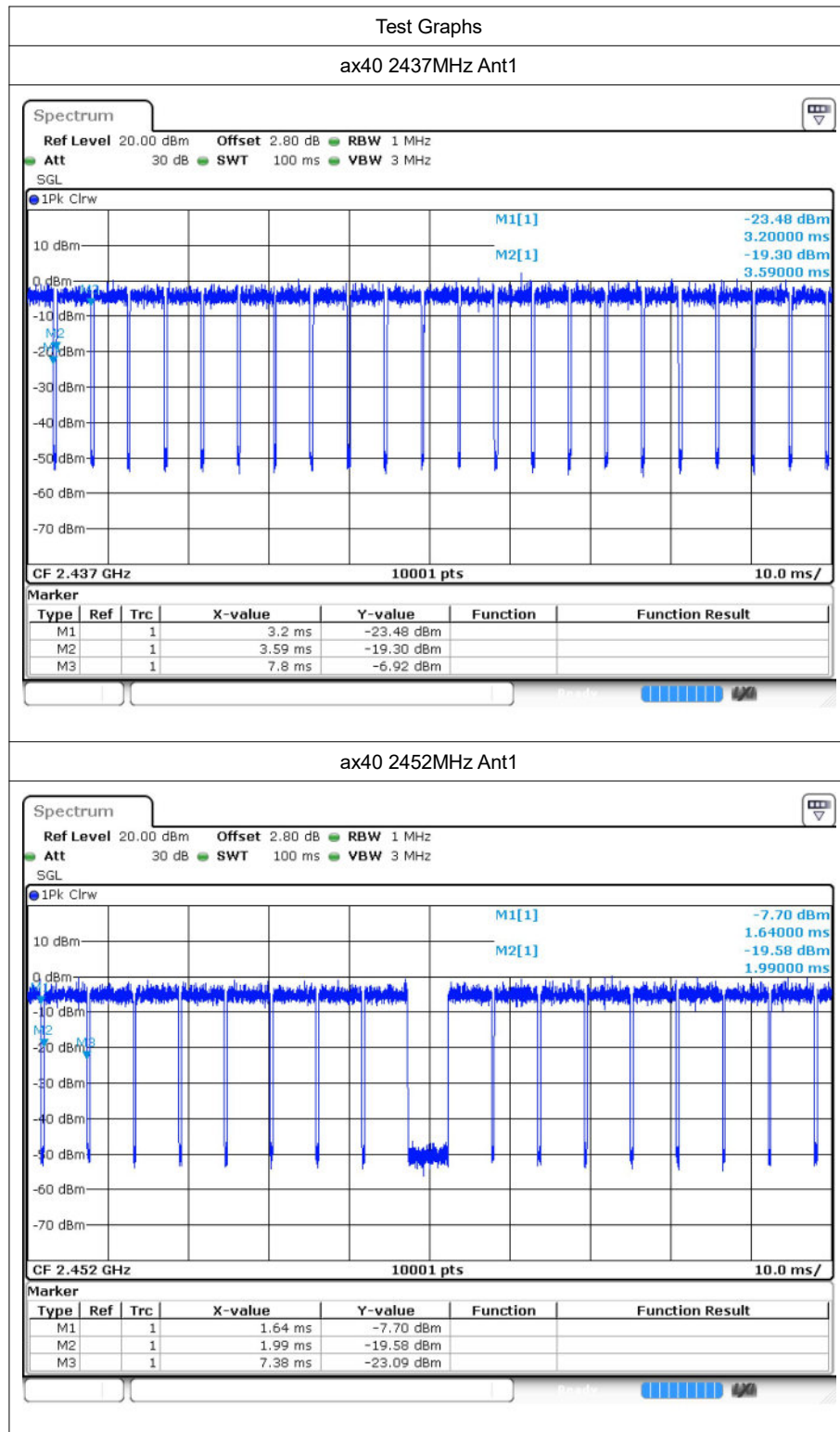
ax20 2412MHz Ant1



ax20 2437MHz Ant1







2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	16.79	30	Pass
b	2437	Ant1	16.26	30	Pass
b	2462	Ant1	15.46	30	Pass
g	2412	Ant1	15	30	Pass
g	2437	Ant1	15	30	Pass
g	2462	Ant1	14.66	30	Pass
n20	2412	Ant1	15.3	30	Pass
n20	2437	Ant1	15.12	30	Pass
n20	2462	Ant1	14.92	30	Pass
n40	2422	Ant1	15.44	30	Pass
n40	2437	Ant1	15.67	30	Pass
n40	2452	Ant1	14.59	30	Pass
ax20	2412	Ant1	15.22	30	Pass
ax20	2437	Ant1	15.29	30	Pass
ax20	2462	Ant1	14.79	30	Pass
ax40	2422	Ant1	14.95	30	Pass
ax40	2437	Ant1	15.08	30	Pass
ax40	2452	Ant1	14.13	30	Pass

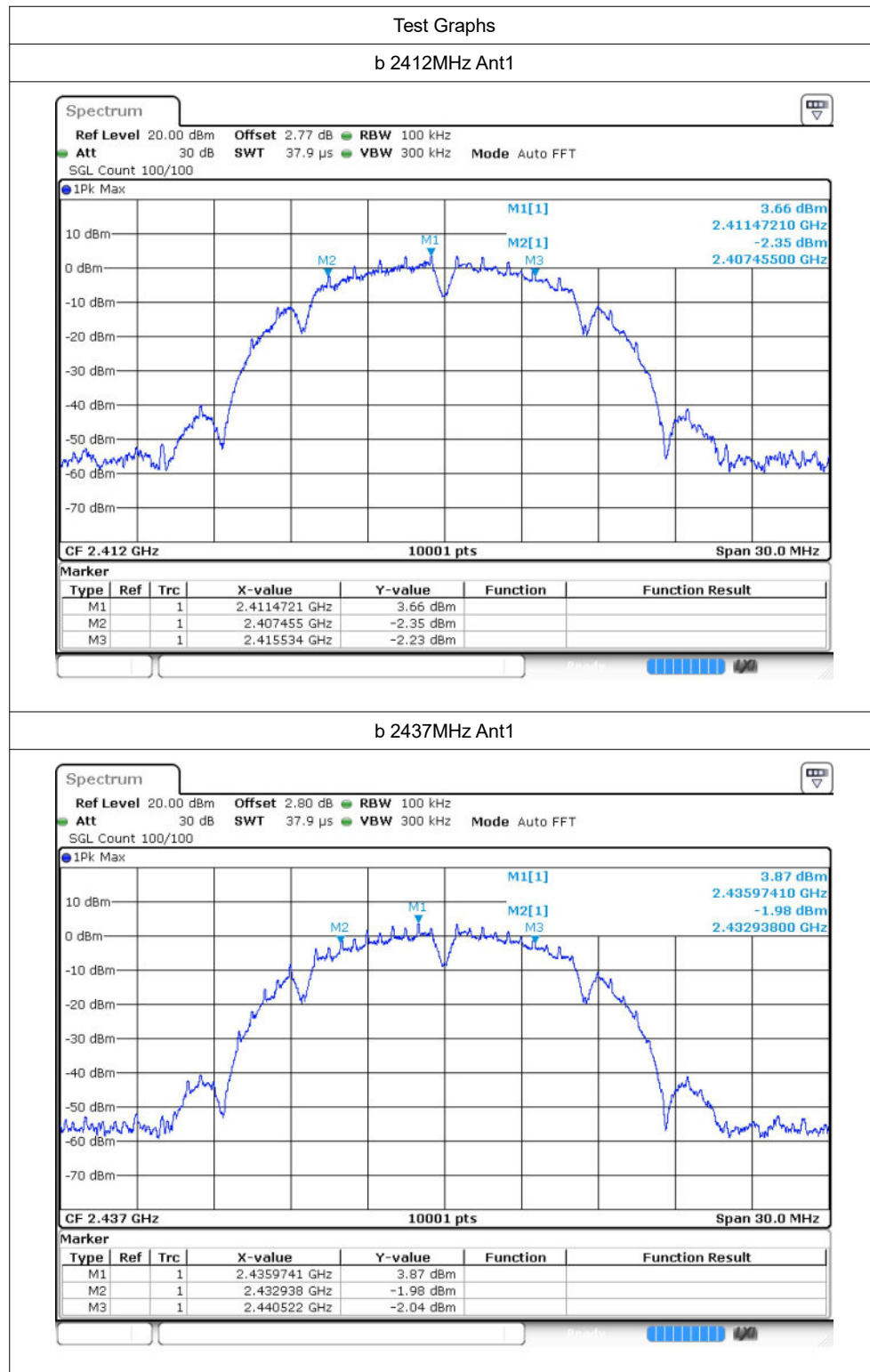


3 -6dB Bandwidth

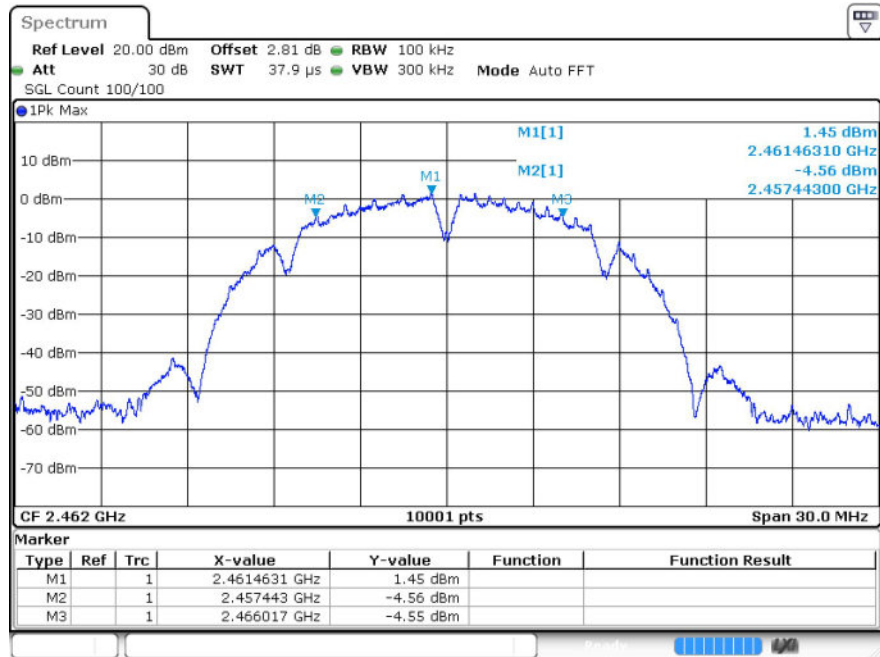
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant1	8.079	0.5	Pass
b	2437	Ant1	7.584	0.5	Pass
b	2462	Ant1	8.574	0.5	Pass
g	2412	Ant1	16.341	0.5	Pass
g	2437	Ant1	16.344	0.5	Pass
g	2462	Ant1	16.563	0.5	Pass
n20	2412	Ant1	17.784	0.5	Pass
n20	2437	Ant1	17.82	0.5	Pass
n20	2462	Ant1	17.829	0.5	Pass
n40	2422	Ant1	35.916	0.5	Pass
n40	2437	Ant1	36.324	0.5	Pass
n40	2452	Ant1	36.528	0.5	Pass
ax20	2412	Ant1	19.182	0.5	Pass
ax20	2437	Ant1	19.206	0.5	Pass
ax20	2462	Ant1	18.756	0.5	Pass
ax40	2422	Ant1	38.106	0.5	Pass
ax40	2437	Ant1	37.842	0.5	Pass
ax40	2452	Ant1	38.07	0.5	Pass

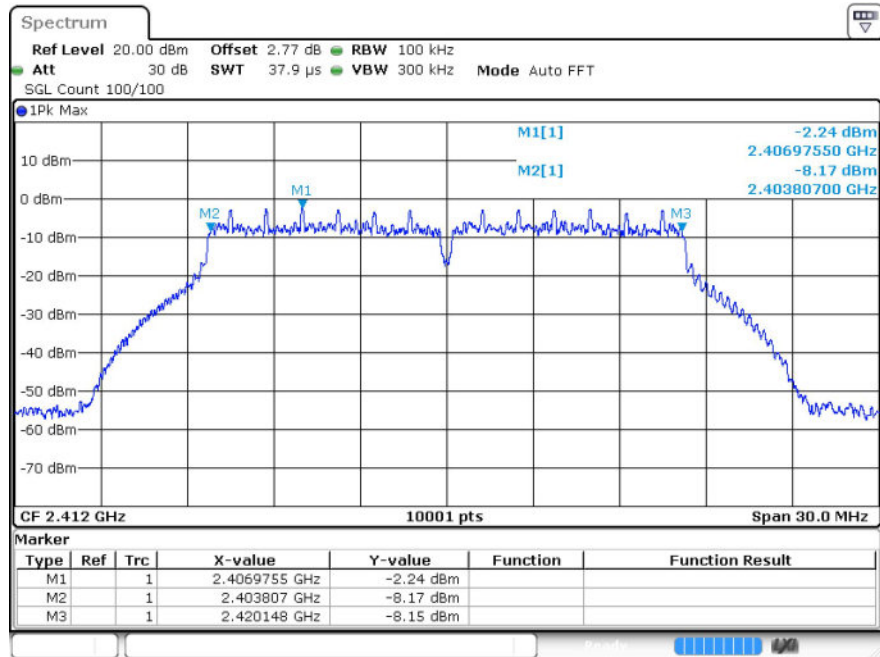
3.2 Test Graphs



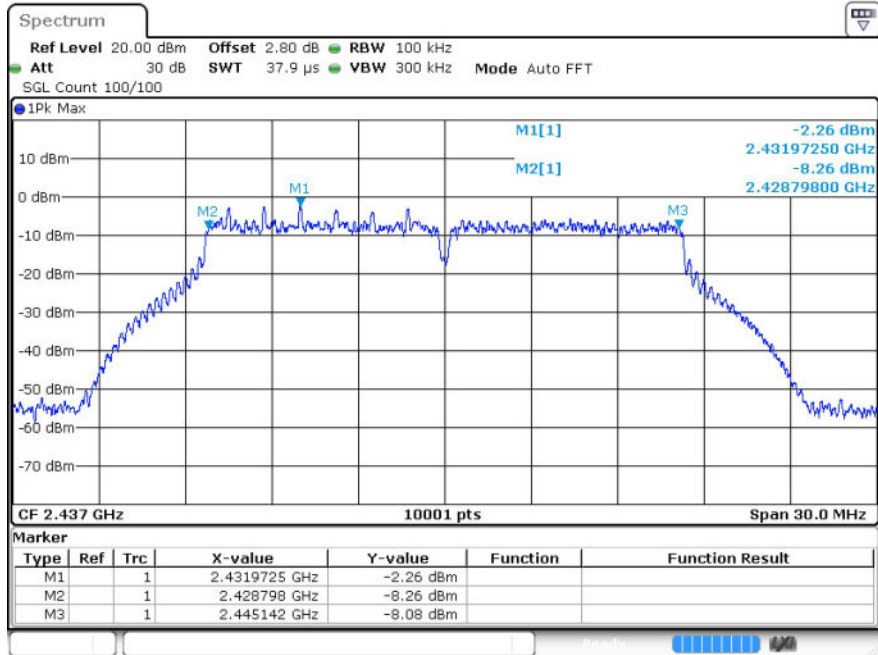
b 2462MHz Ant1



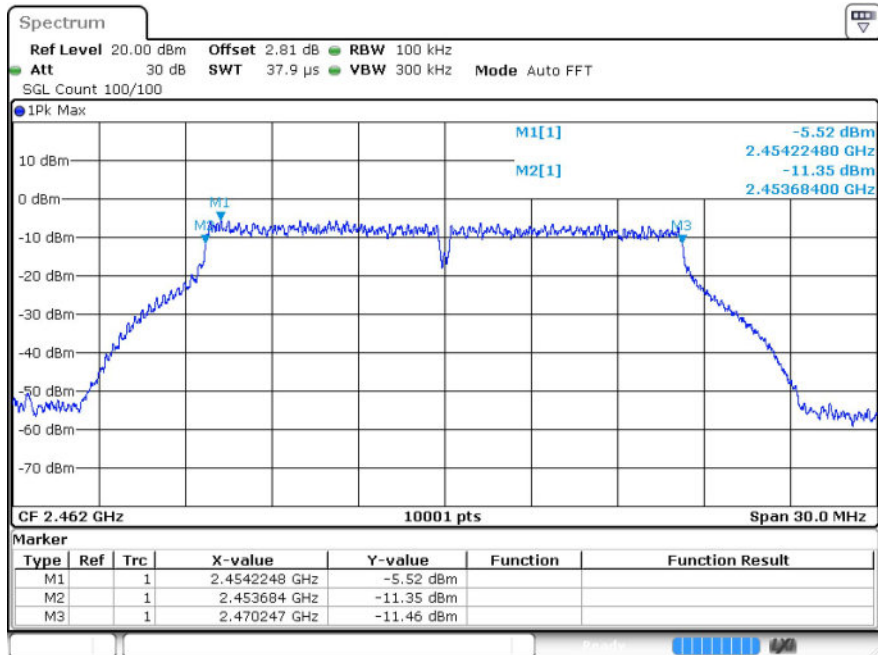
g 2412MHz Ant1



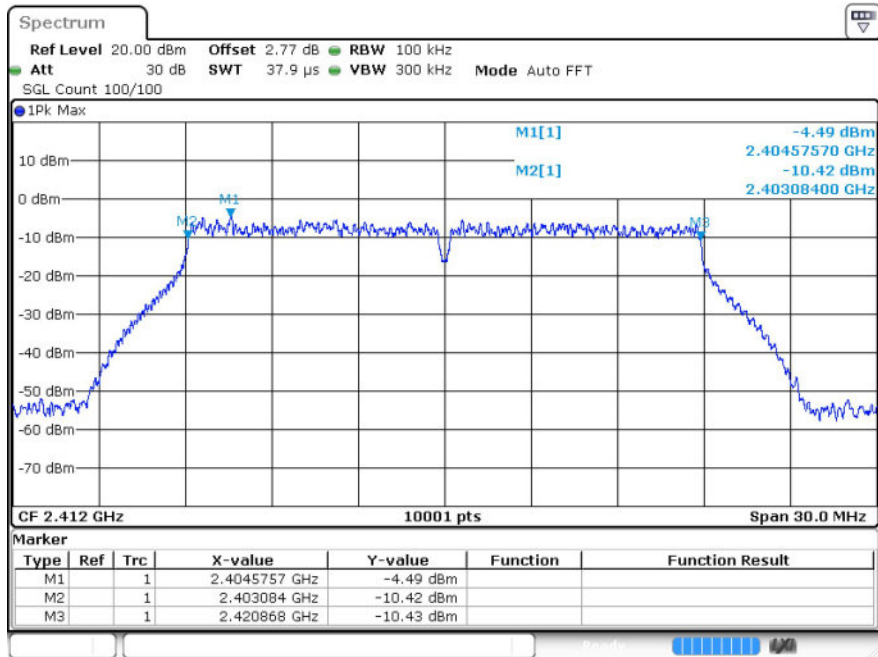
g 2437MHz Ant1



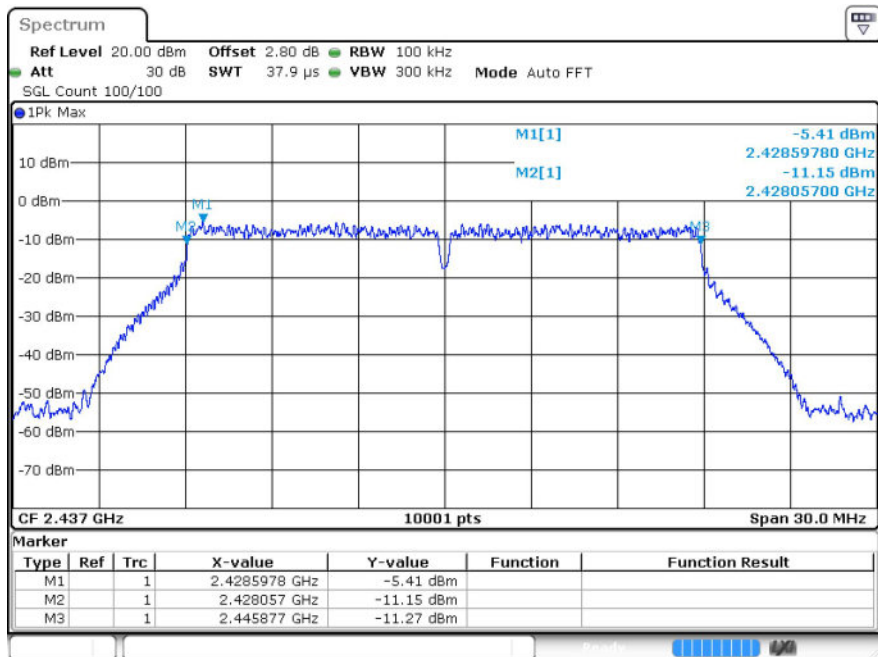
g 2462MHz Ant1



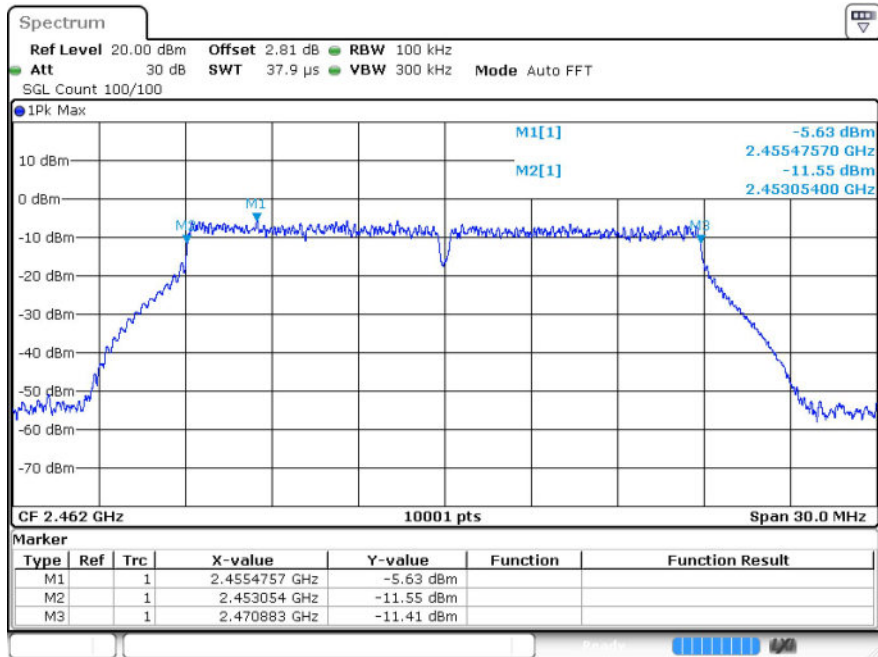
n20 2412MHz Ant1



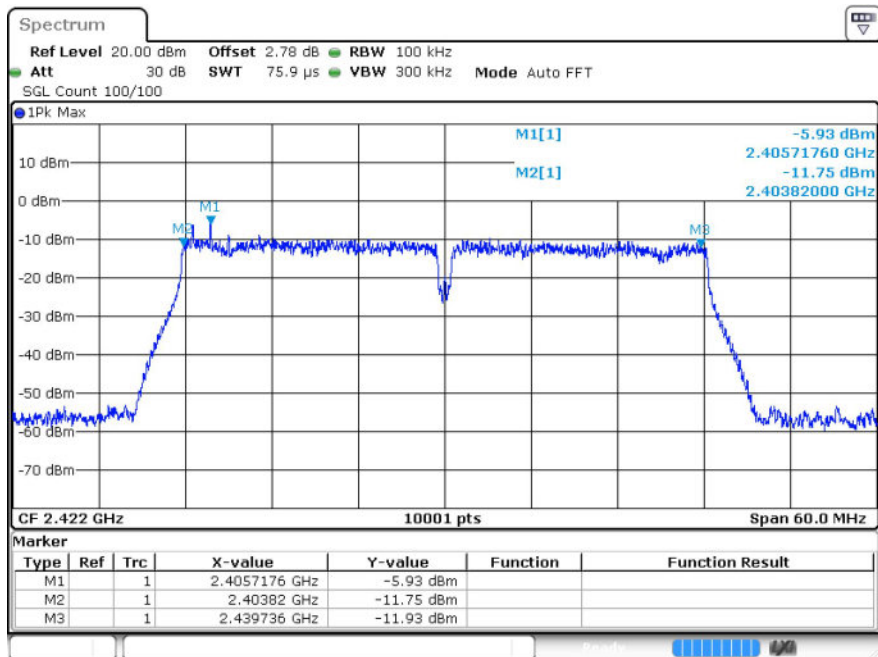
n20 2437MHz Ant1



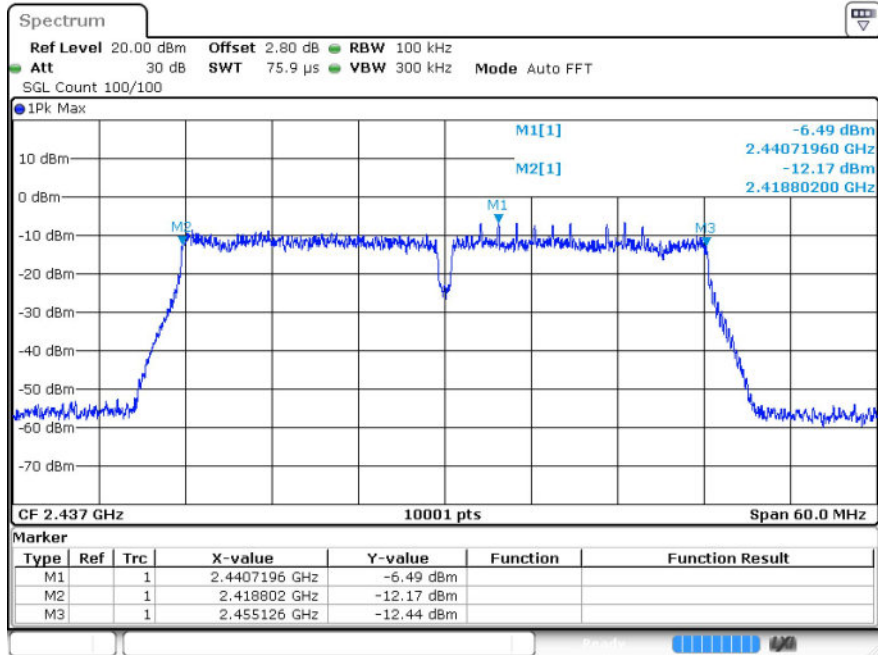
n20 2462MHz Ant1



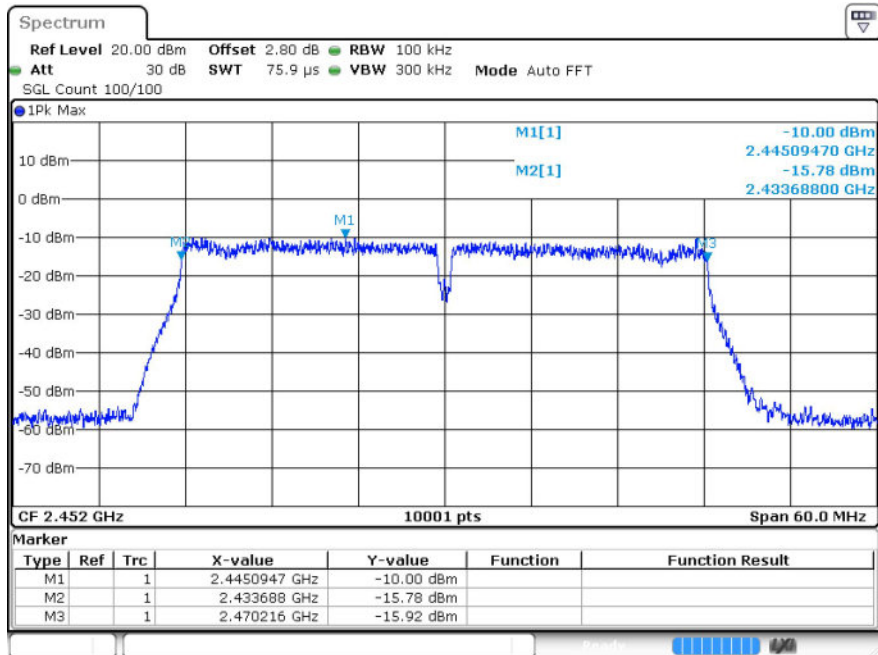
n40 2422MHz Ant1



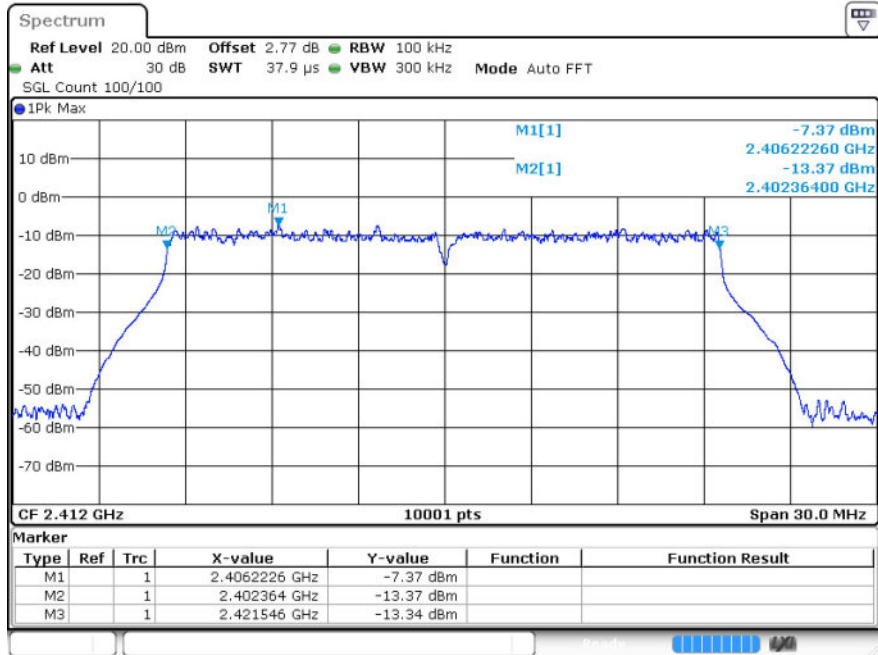
n40 2437MHz Ant1



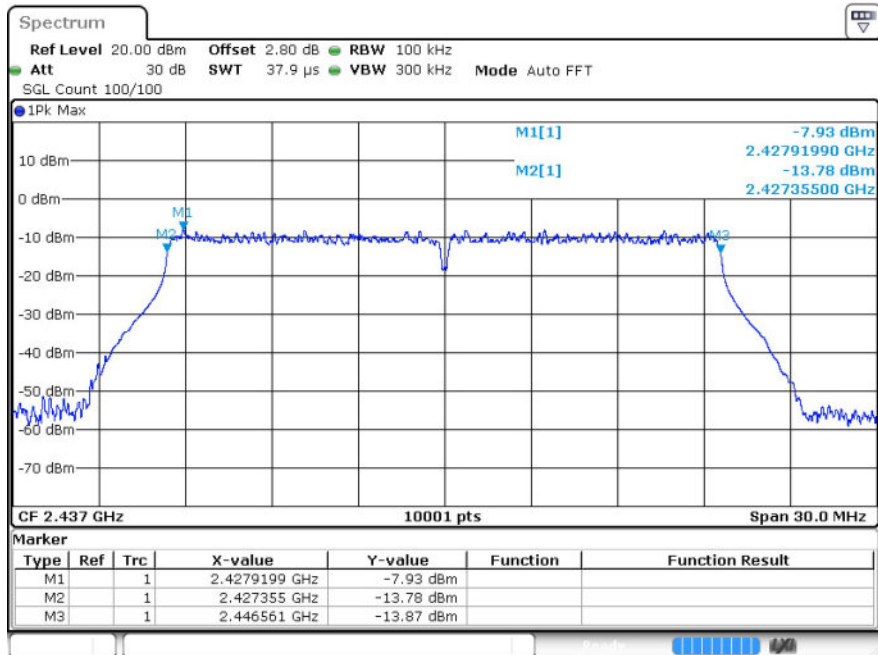
n40 2452MHz Ant1



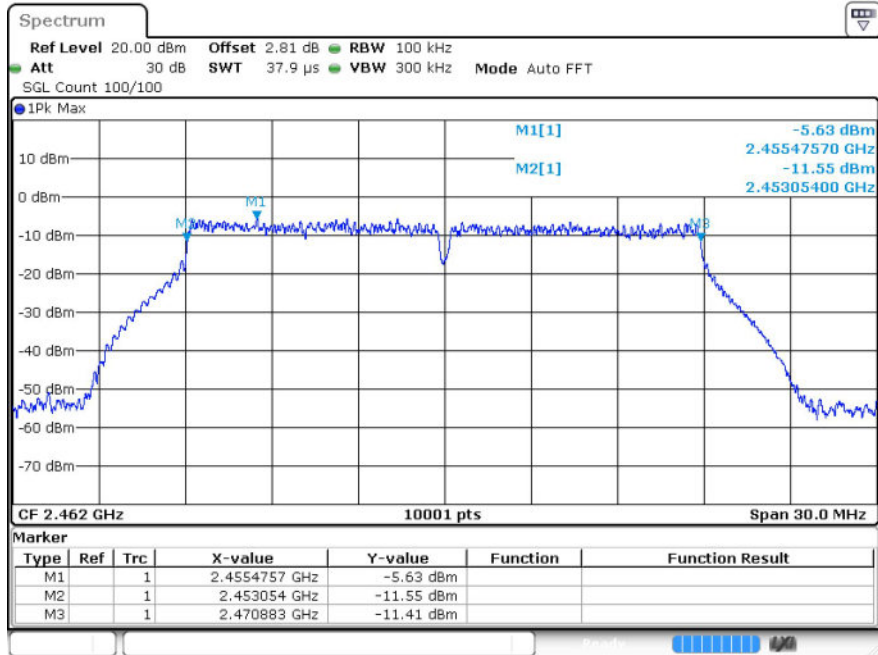
ax20 2412MHz Ant1



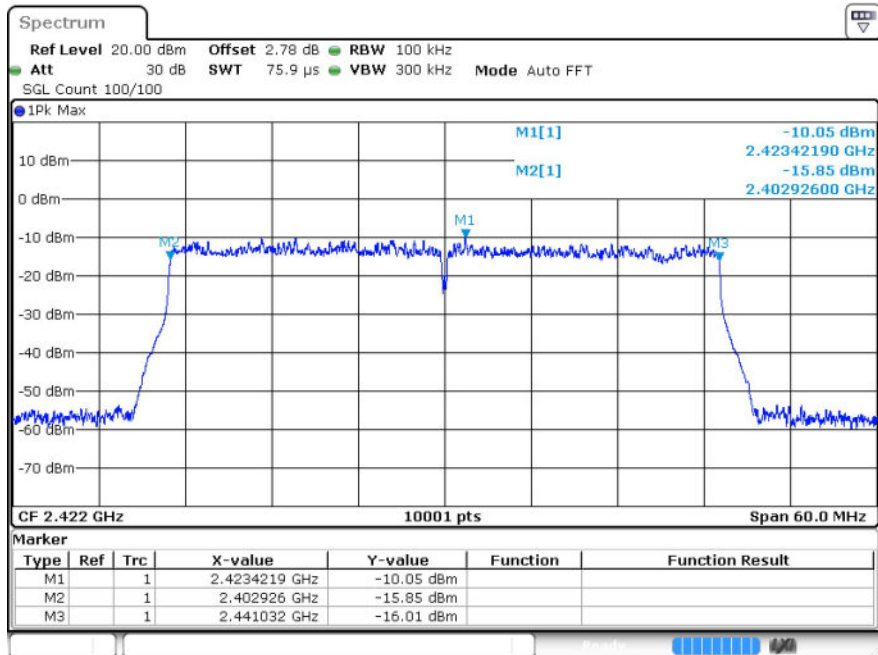
ax20 2437MHz Ant1



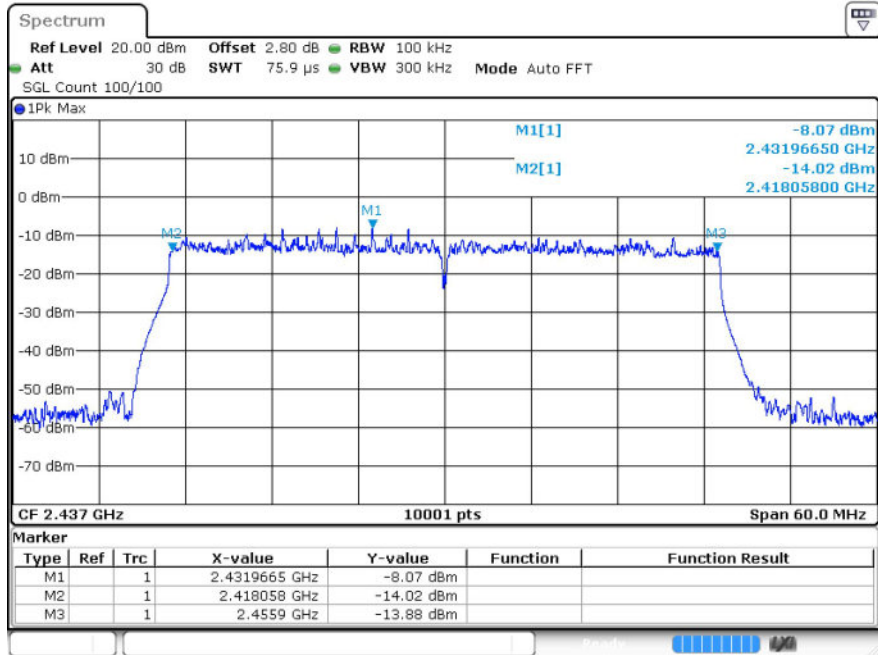
ax20 2462MHz Ant1



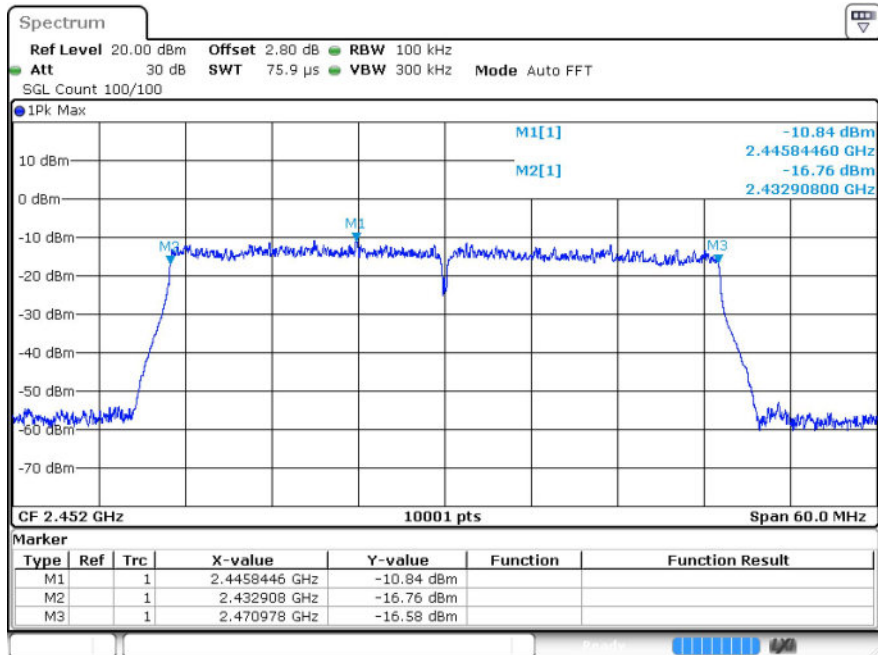
ax40 2422MHz Ant1



ax40 2437MHz Ant1



ax40 2452MHz Ant1



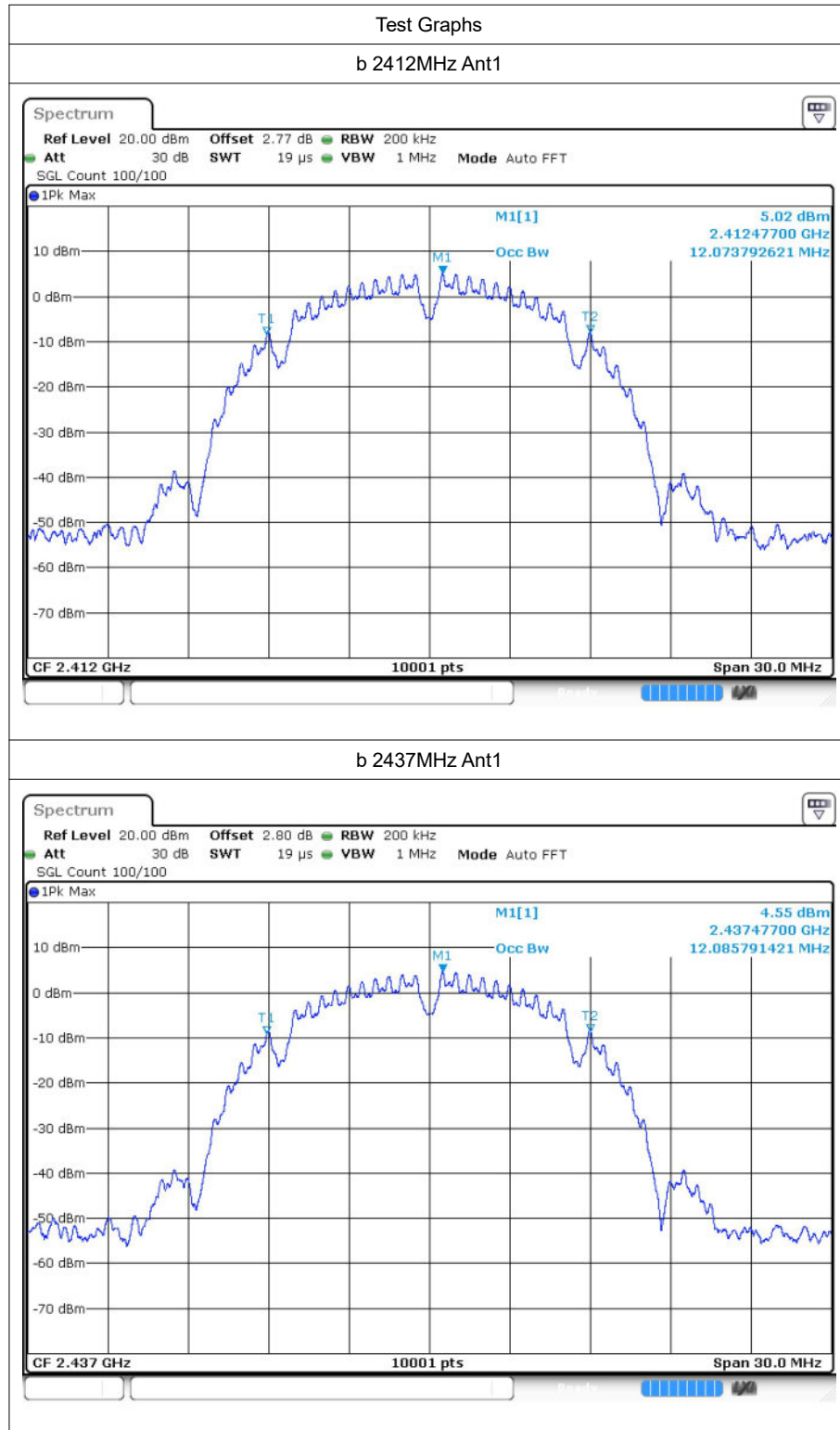


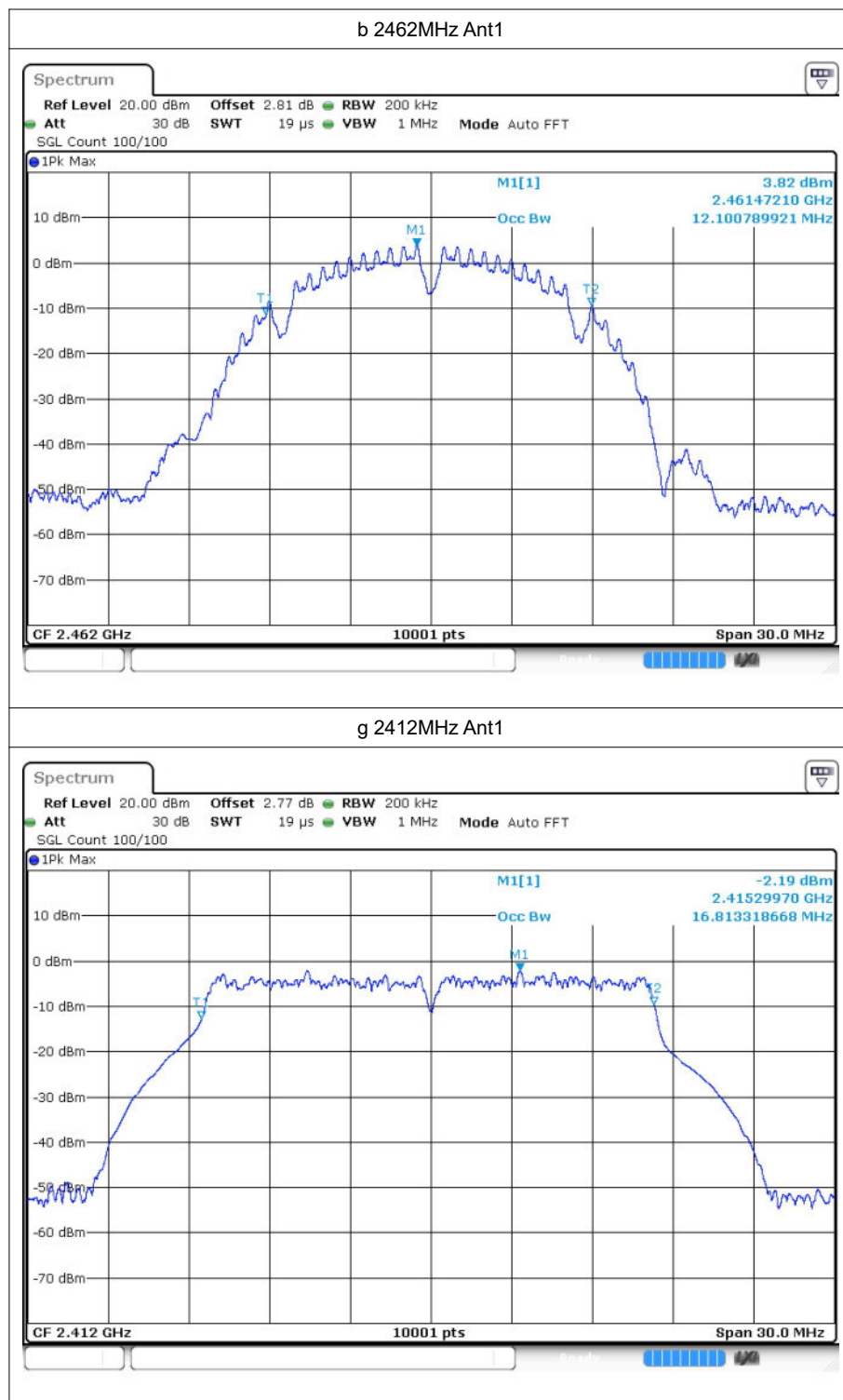
4 Occupied Channel Bandwidth

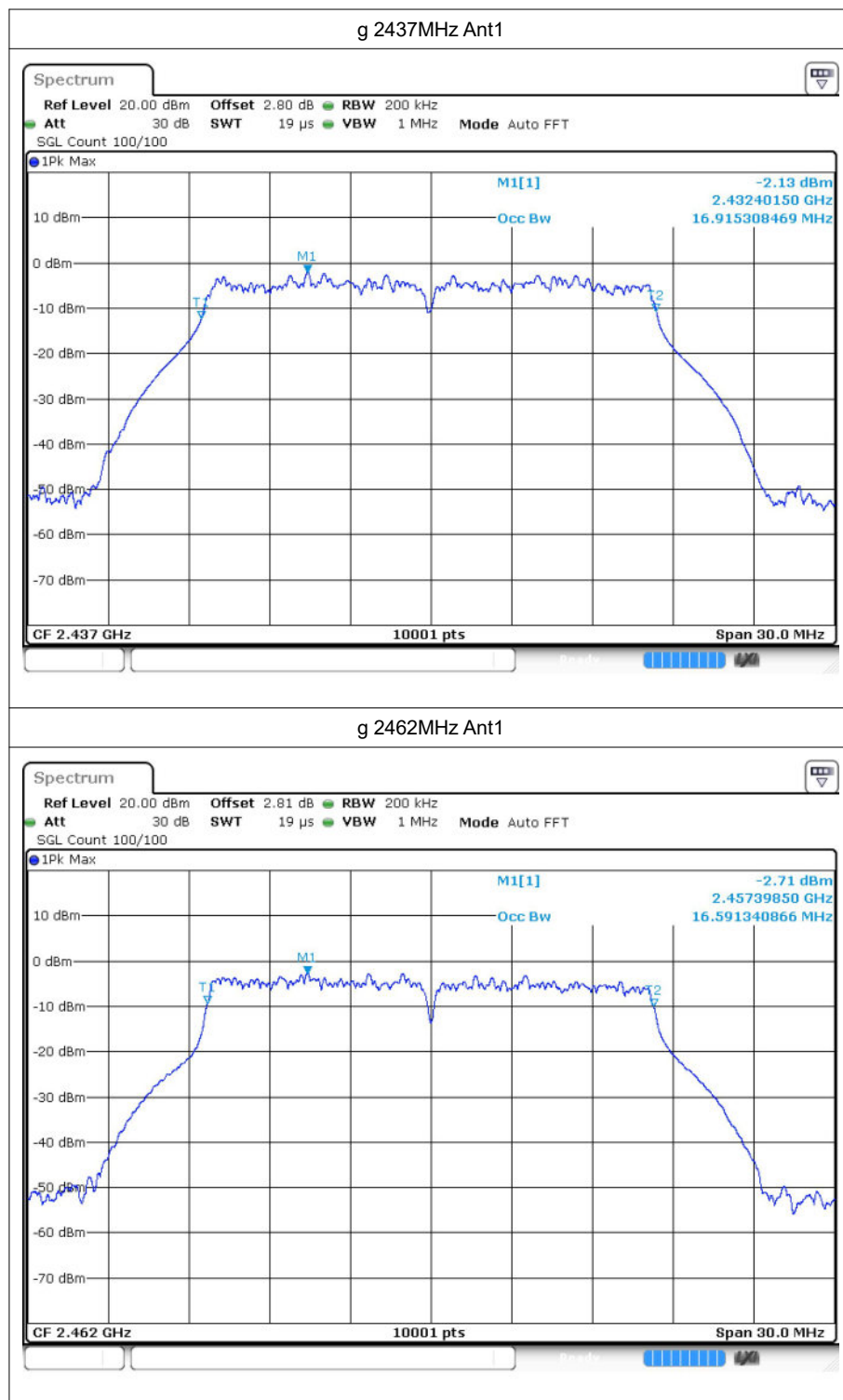
4.1 Test Result

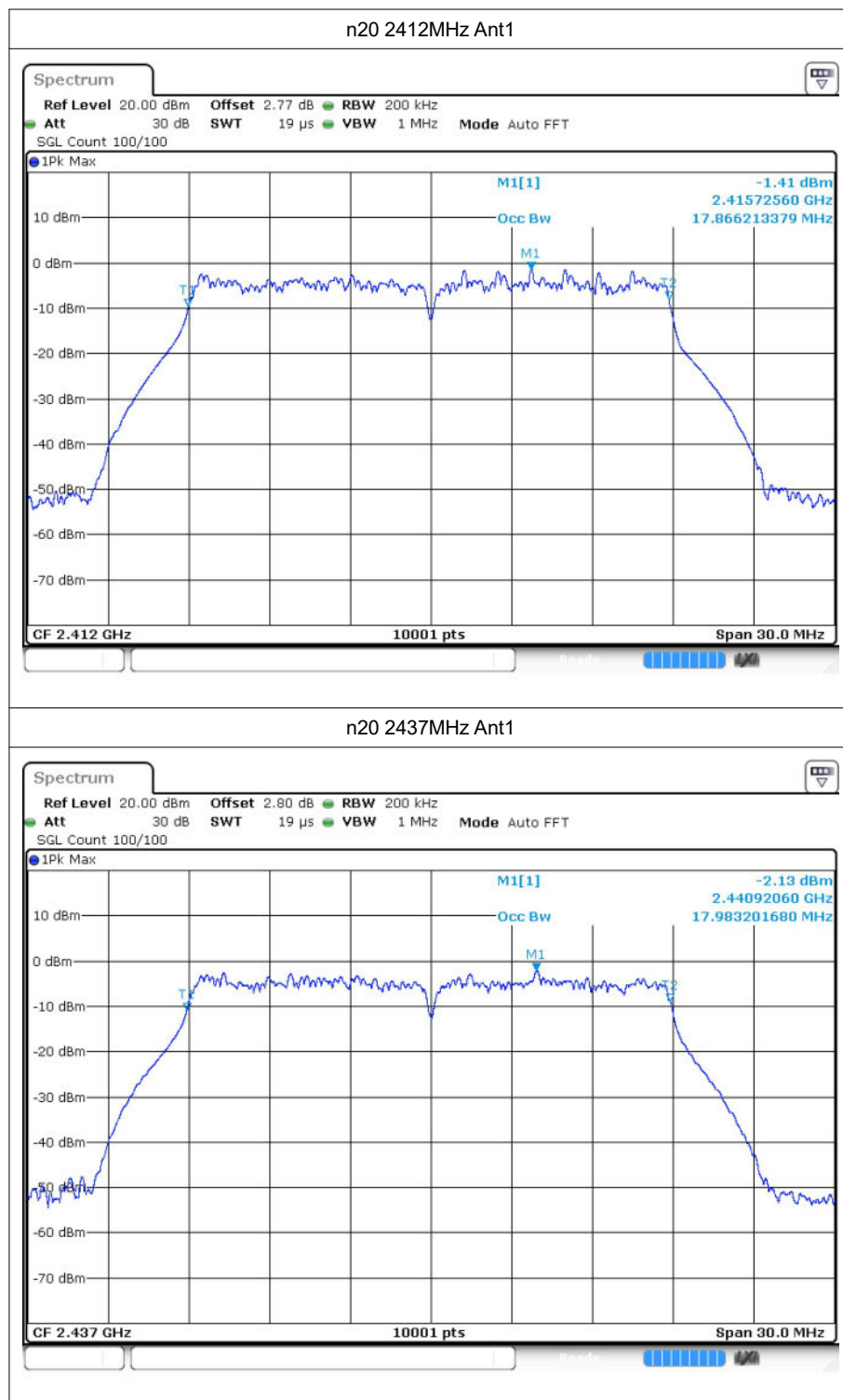
Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
b	2412	Ant1	12.074
b	2437	Ant1	12.086
b	2462	Ant1	12.101
g	2412	Ant1	16.813
g	2437	Ant1	16.915
g	2462	Ant1	16.591
n20	2412	Ant1	17.866
n20	2437	Ant1	17.983
n20	2462	Ant1	17.914
n40	2422	Ant1	36.488
n40	2437	Ant1	36.392
n40	2452	Ant1	36.476
ax20	2412	Ant1	19.054
ax20	2437	Ant1	19.096
ax20	2462	Ant1	19.03
ax40	2422	Ant1	37.784
ax40	2437	Ant1	37.862
ax40	2452	Ant1	37.874

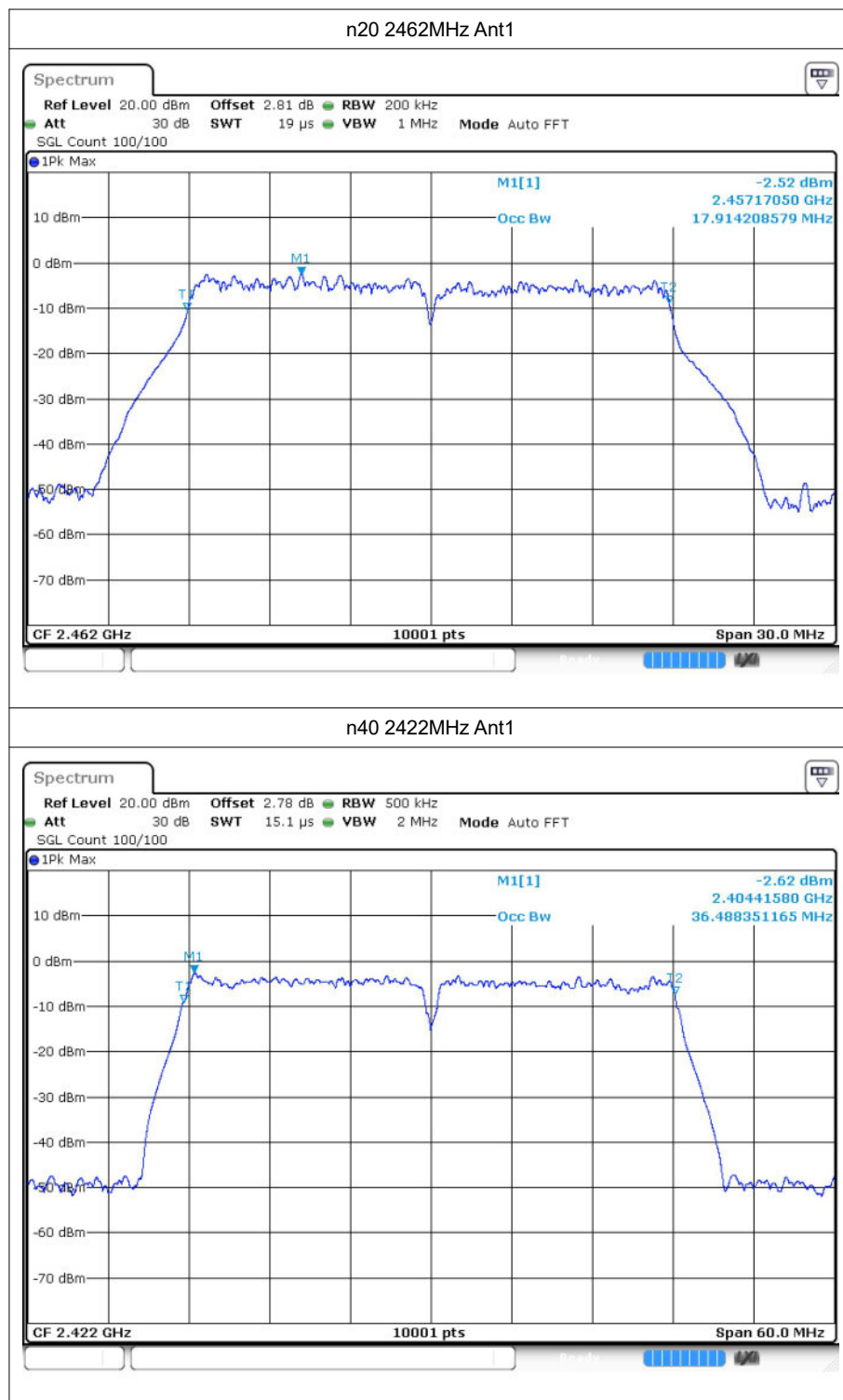
4.2 Test Graphs

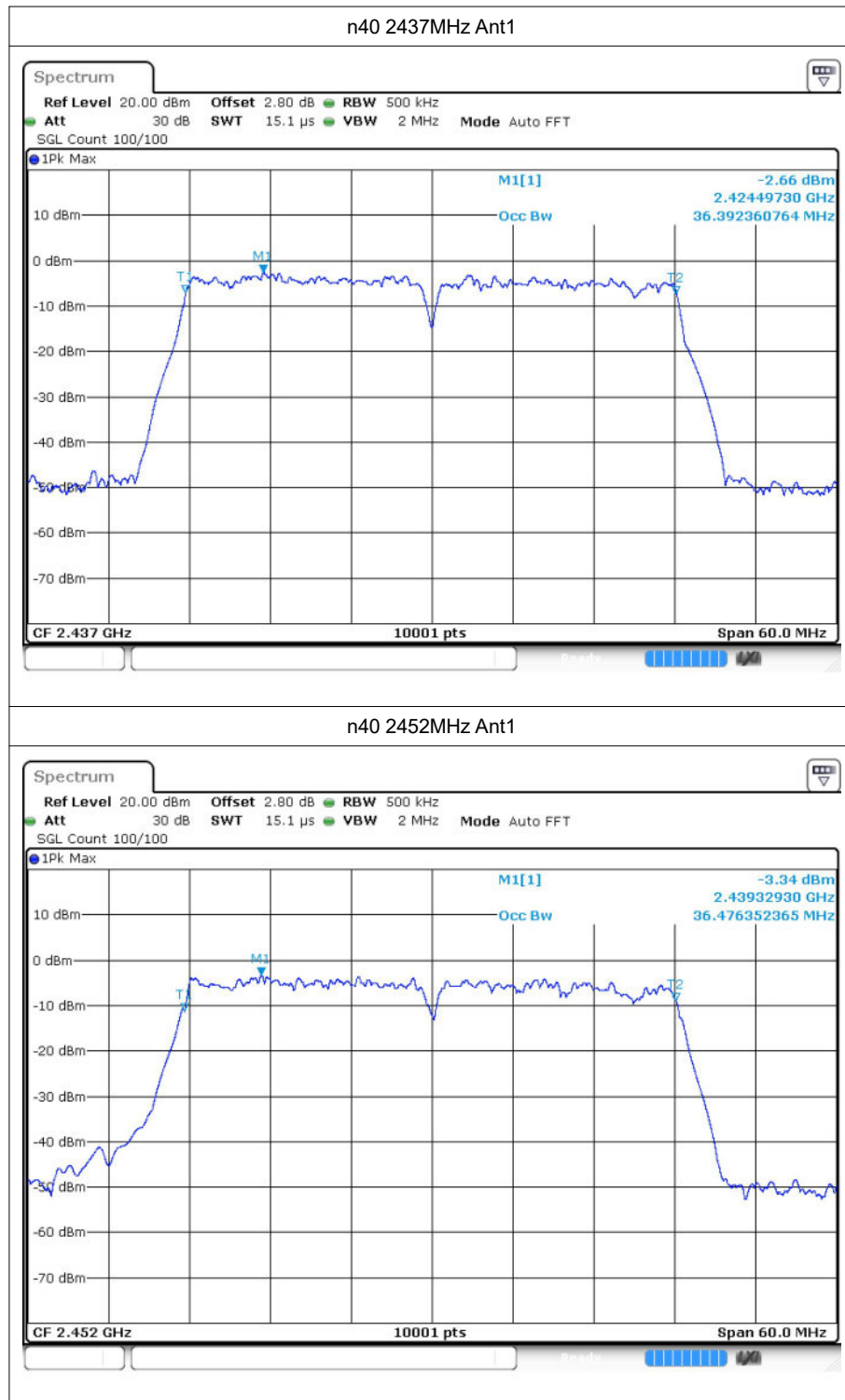


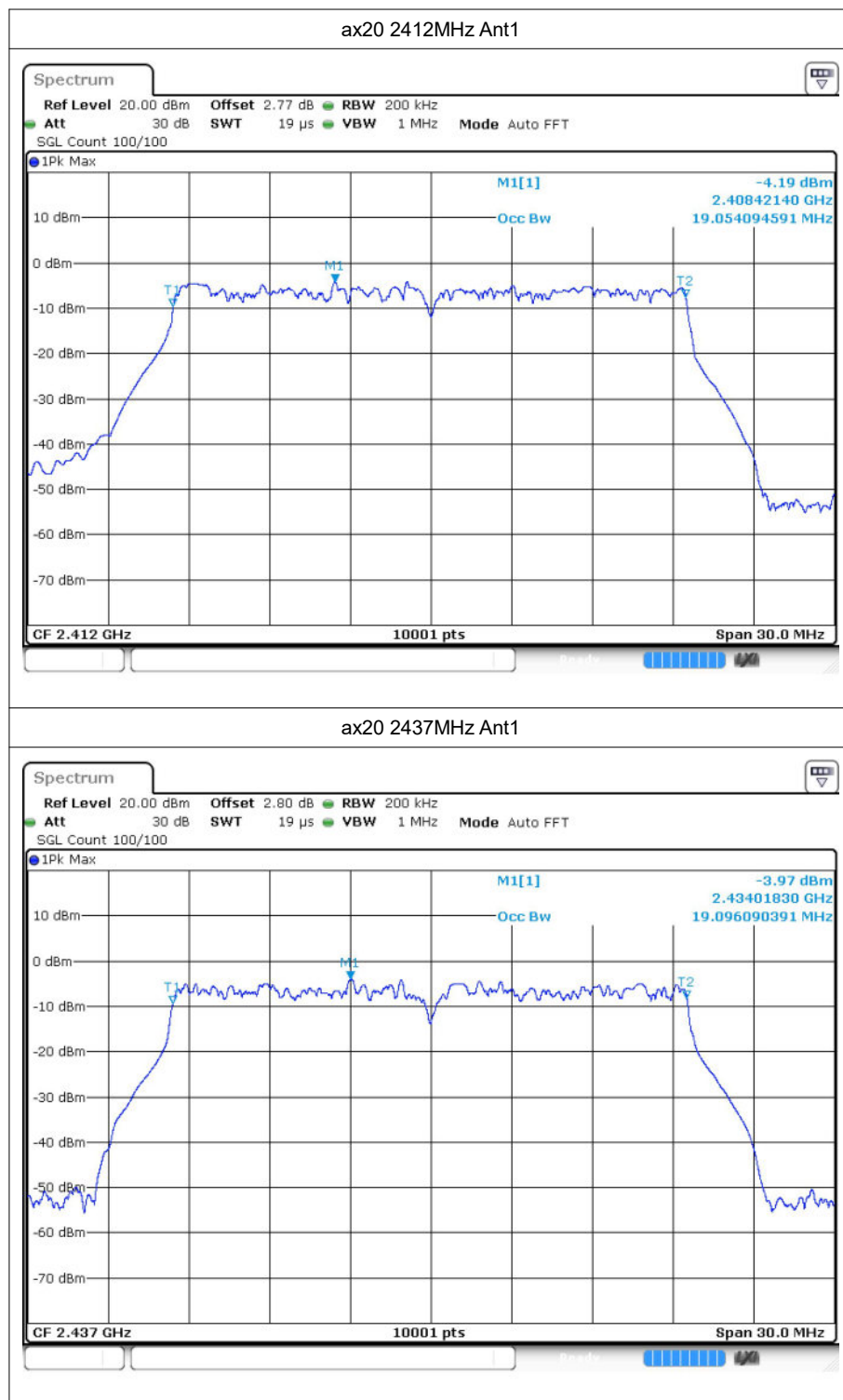


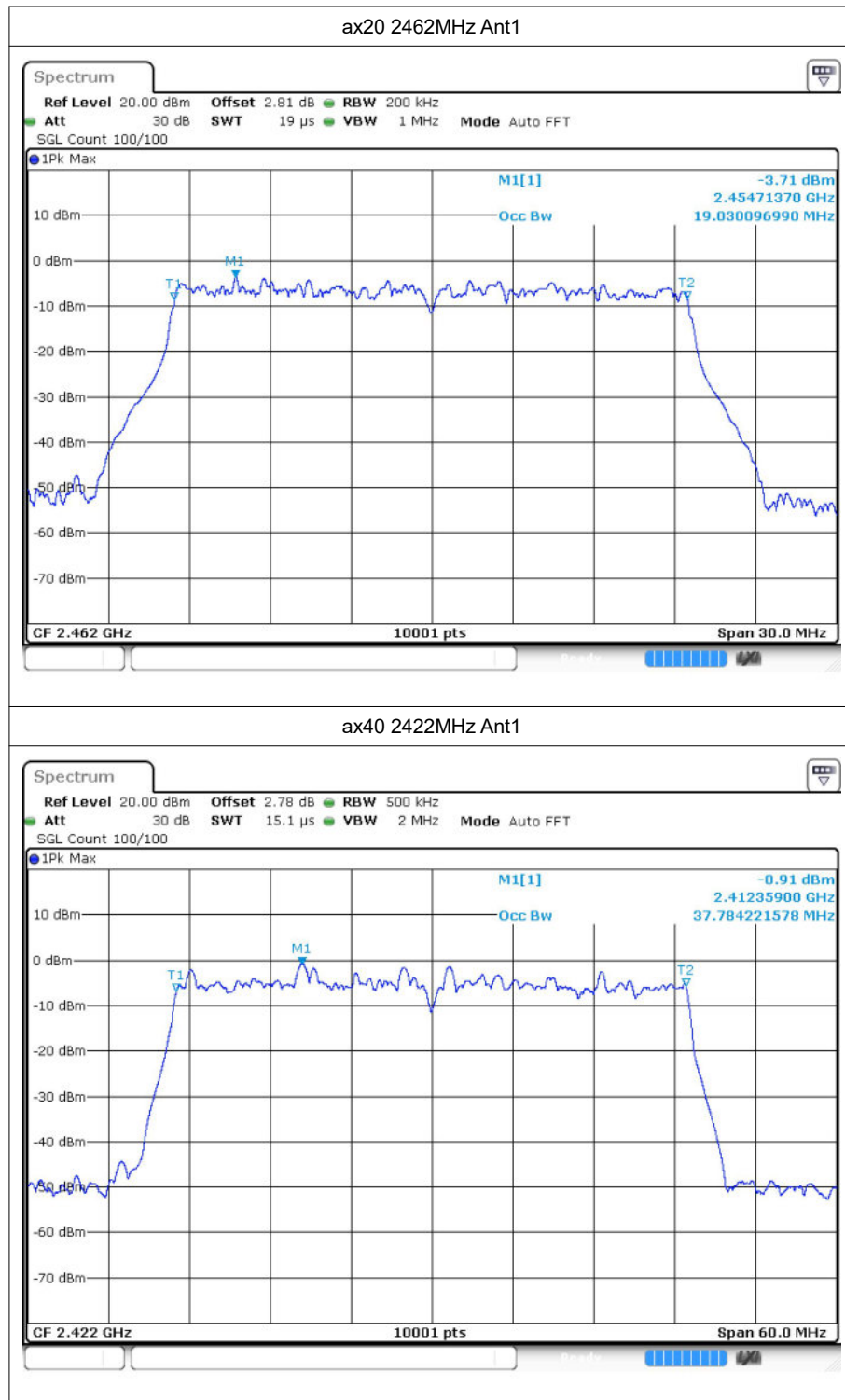


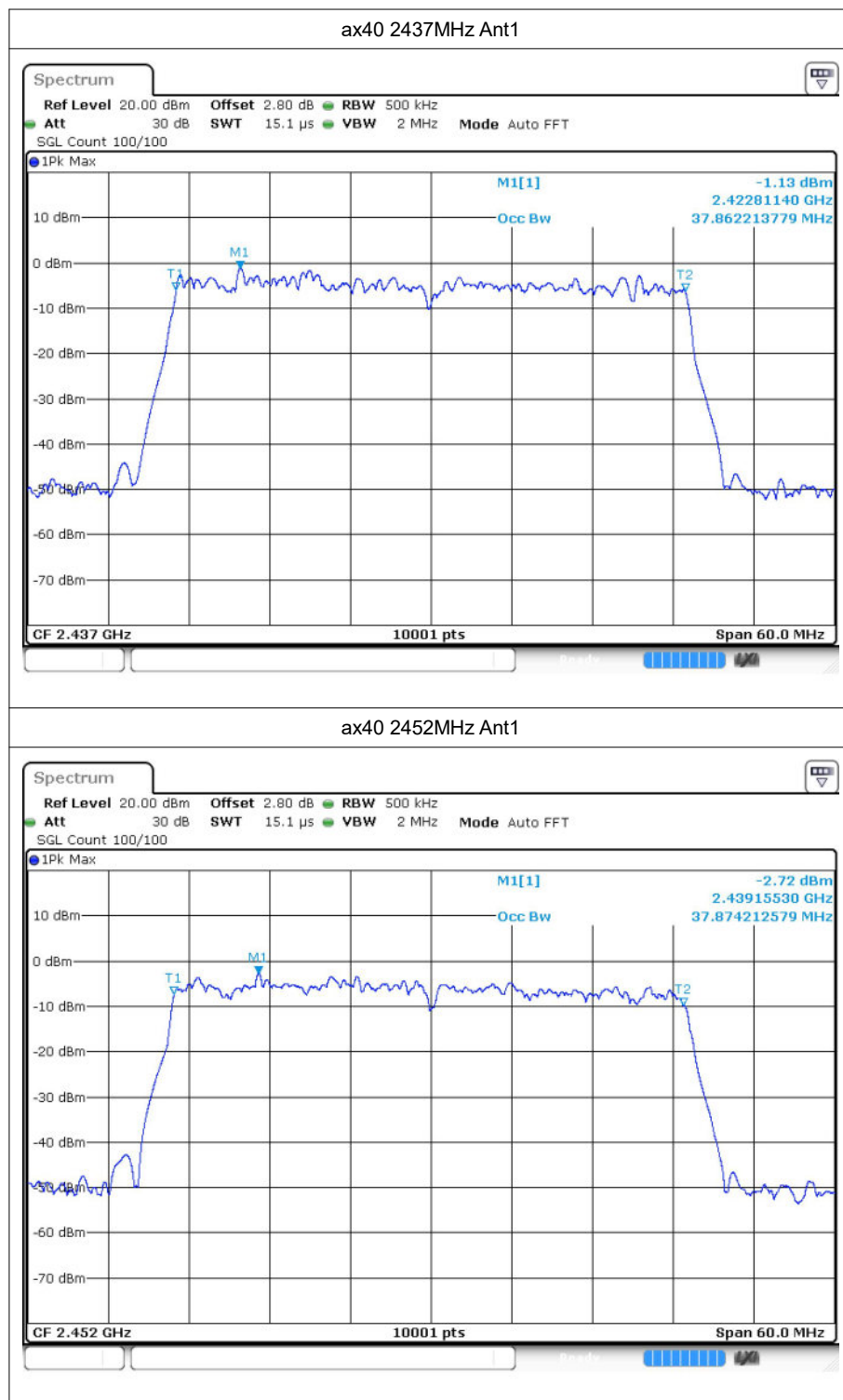










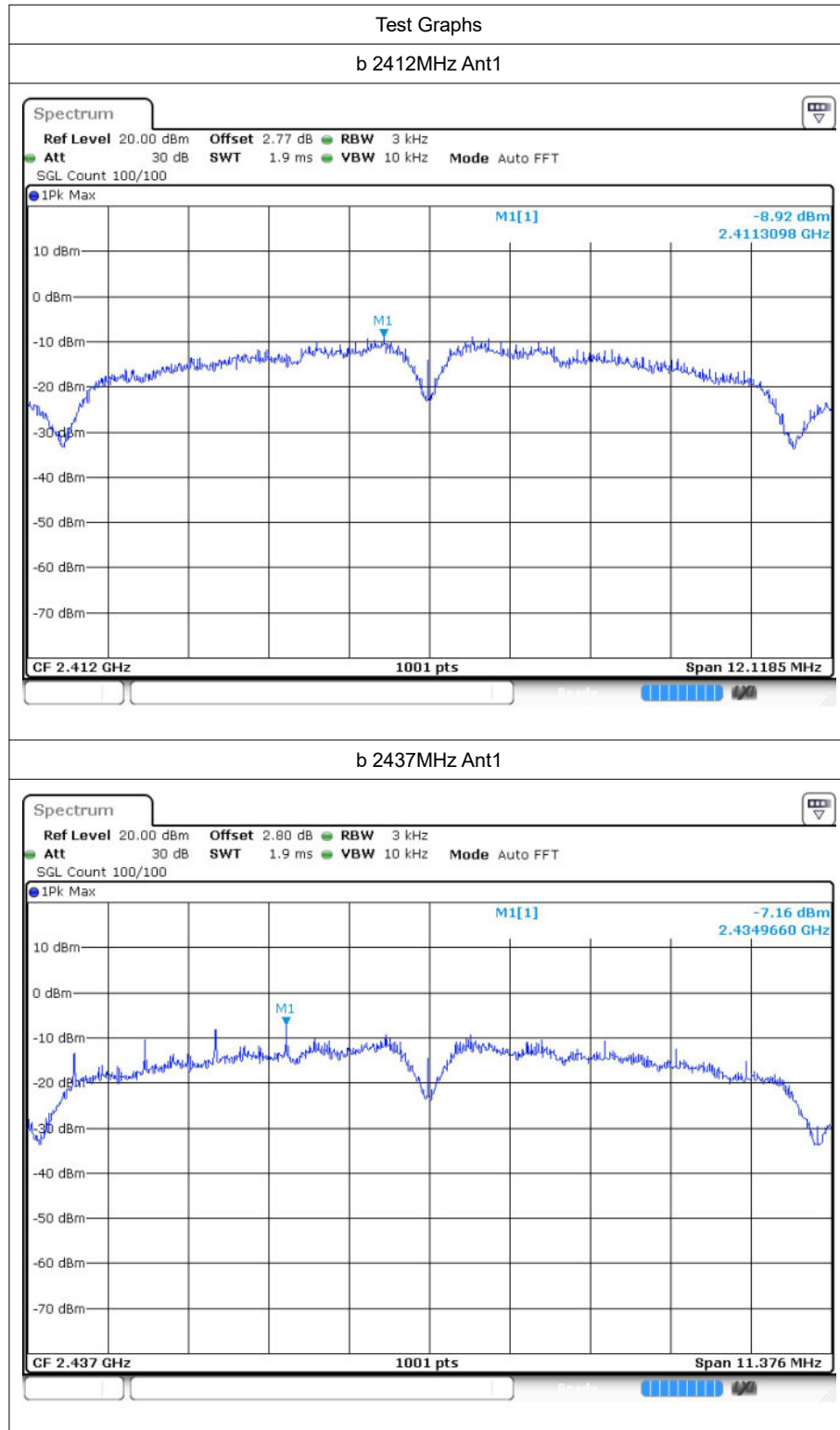


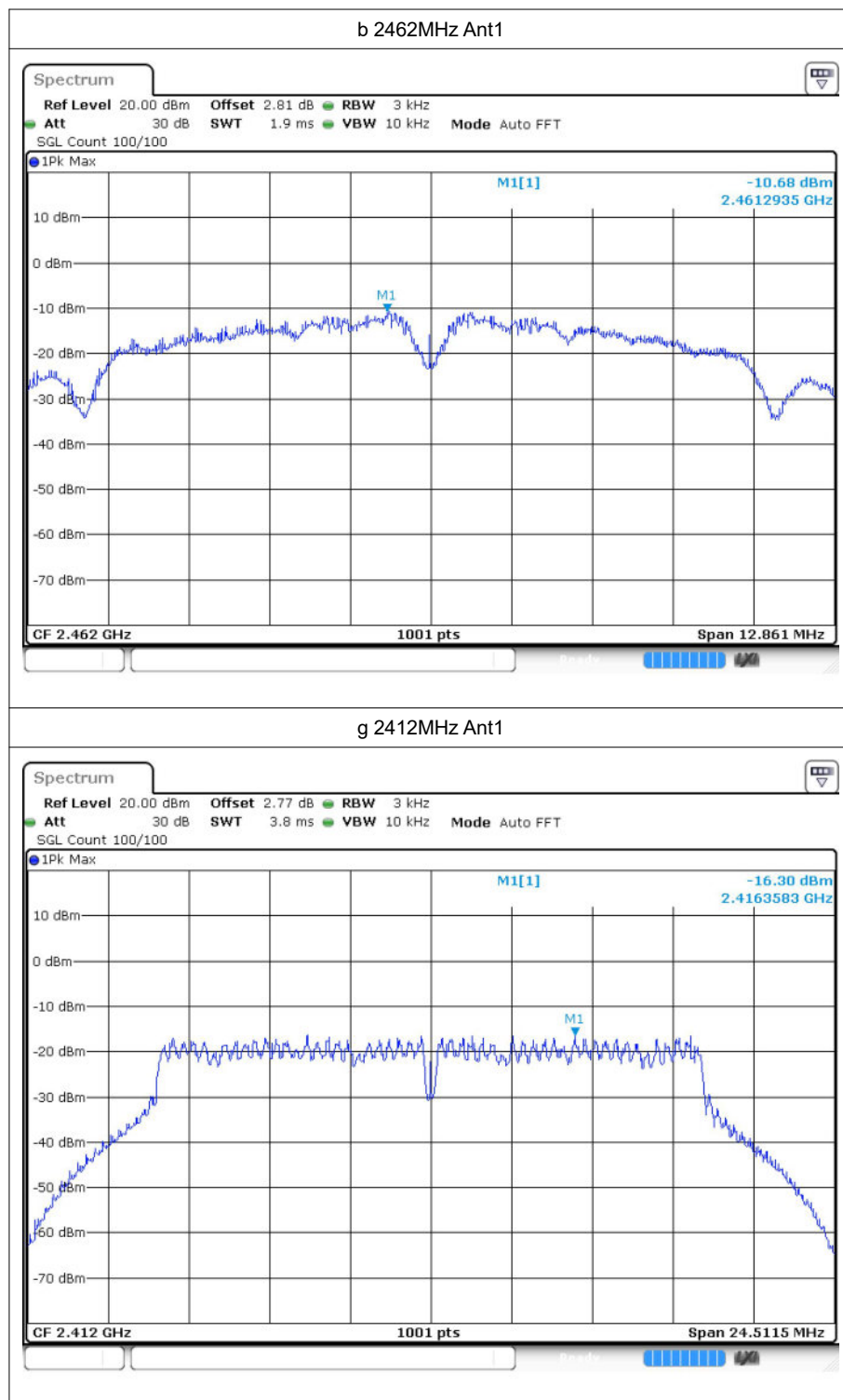
5 Maximum Power Spectral Density Level

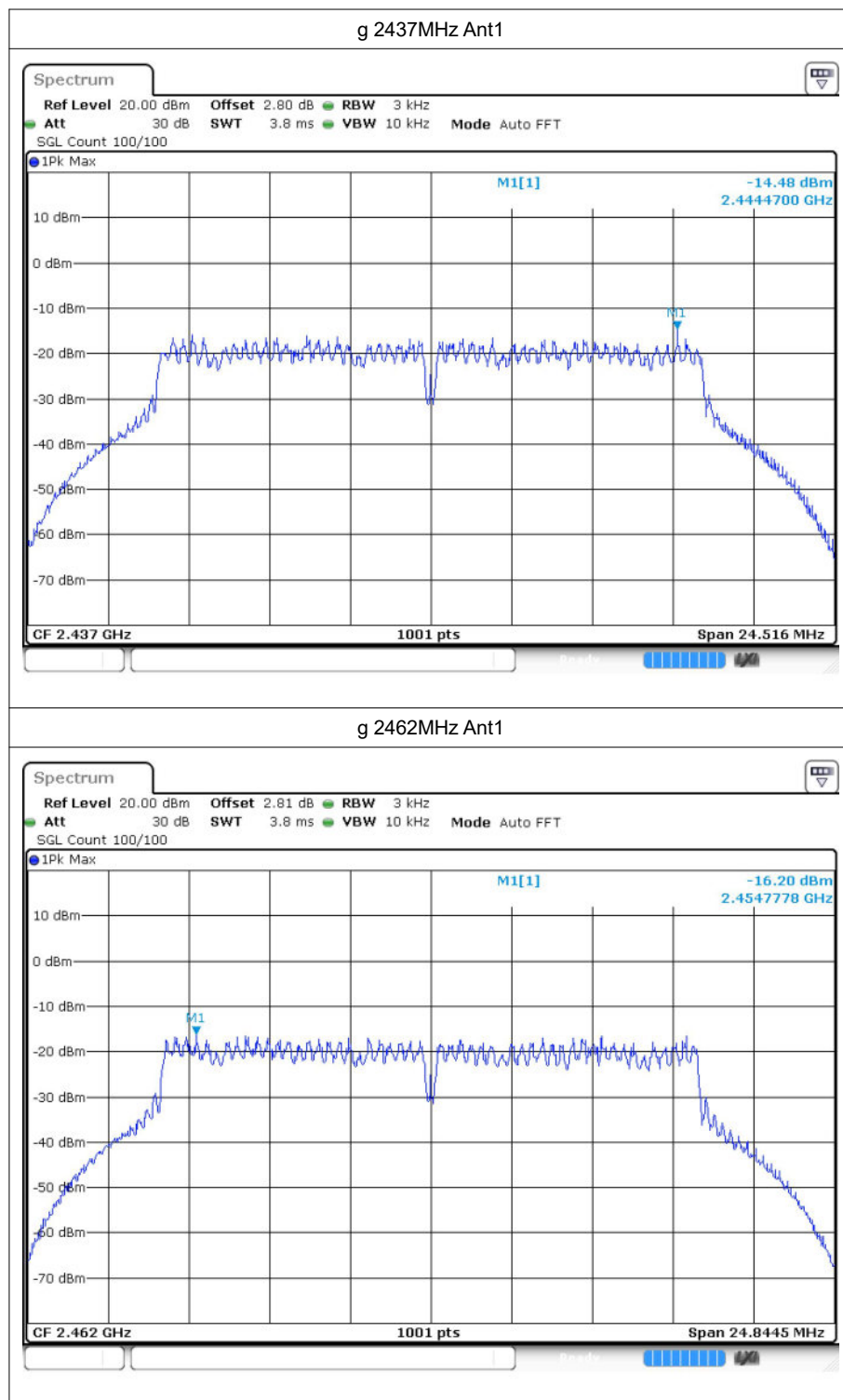
5.1 Test Result

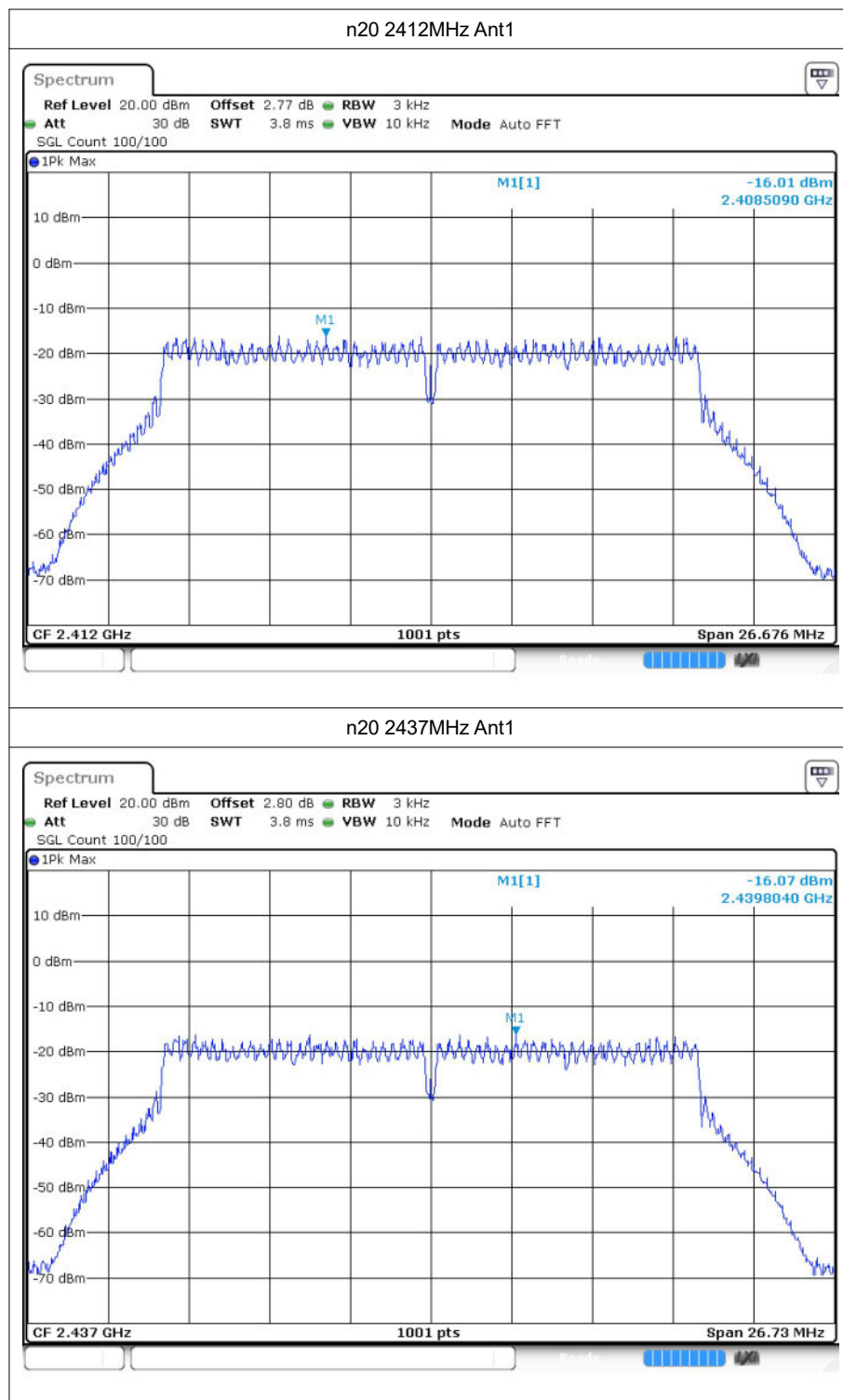
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
b	2412	Ant1	-8.92	≤8	Pass
b	2437	Ant1	-7.16	≤8	Pass
b	2462	Ant1	-10.68	≤8	Pass
g	2412	Ant1	-16.3	≤8	Pass
g	2437	Ant1	-14.48	≤8	Pass
g	2462	Ant1	-16.2	≤8	Pass
n20	2412	Ant1	-16.01	≤8	Pass
n20	2437	Ant1	-16.07	≤8	Pass
n20	2462	Ant1	-16.57	≤8	Pass
n40	2422	Ant1	-18.14	≤8	Pass
n40	2437	Ant1	-19.32	≤8	Pass
n40	2452	Ant1	-20.37	≤8	Pass
ax20	2412	Ant1	-7.58	≤8	Pass
ax20	2437	Ant1	-7.38	≤8	Pass
ax20	2462	Ant1	-5.59	≤8	Pass
ax40	2422	Ant1	-10.38	≤8	Pass
ax40	2437	Ant1	-9.98	≤8	Pass
ax40	2452	Ant1	-8.88	≤8	Pass

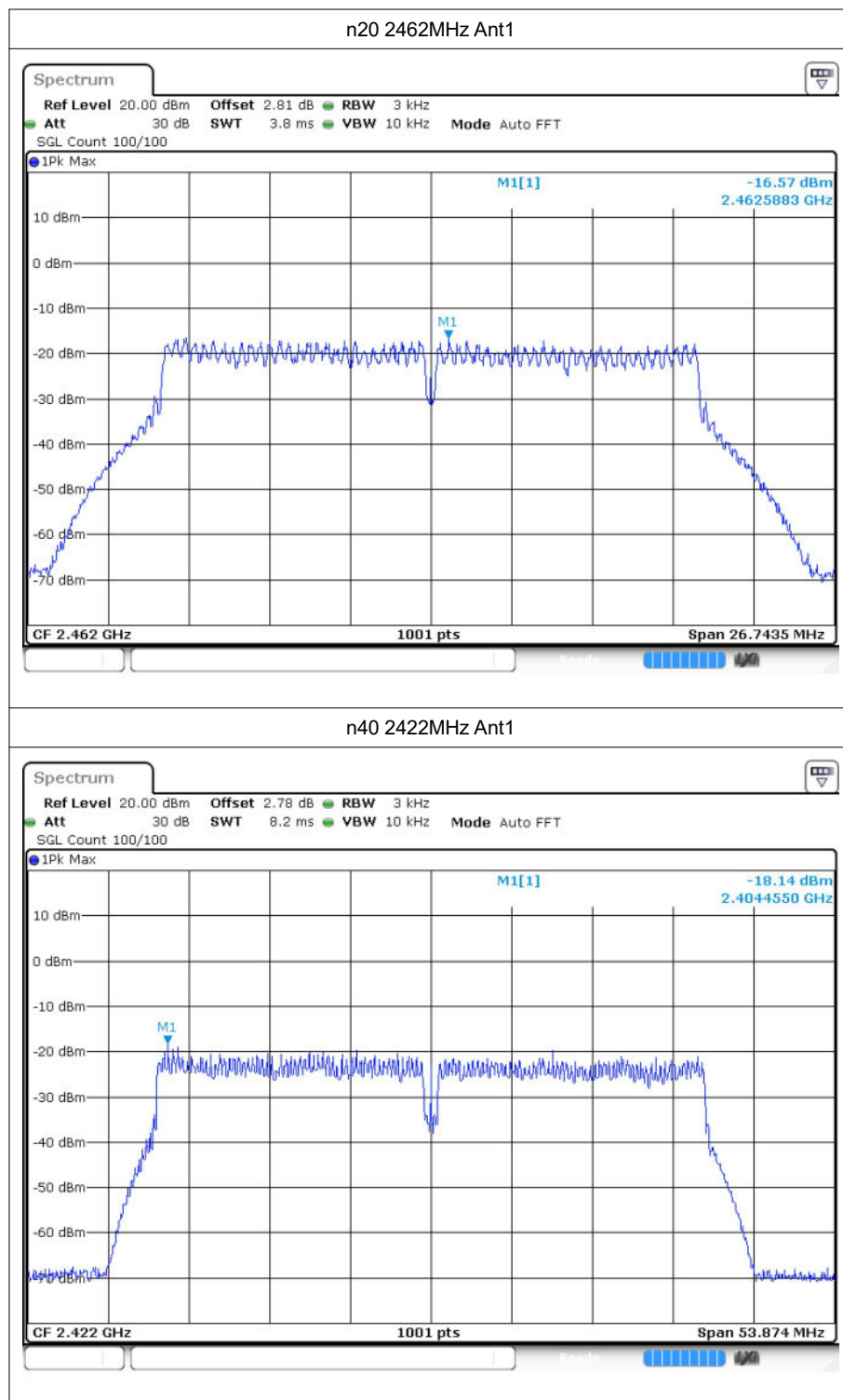
5.2 Test Graphs

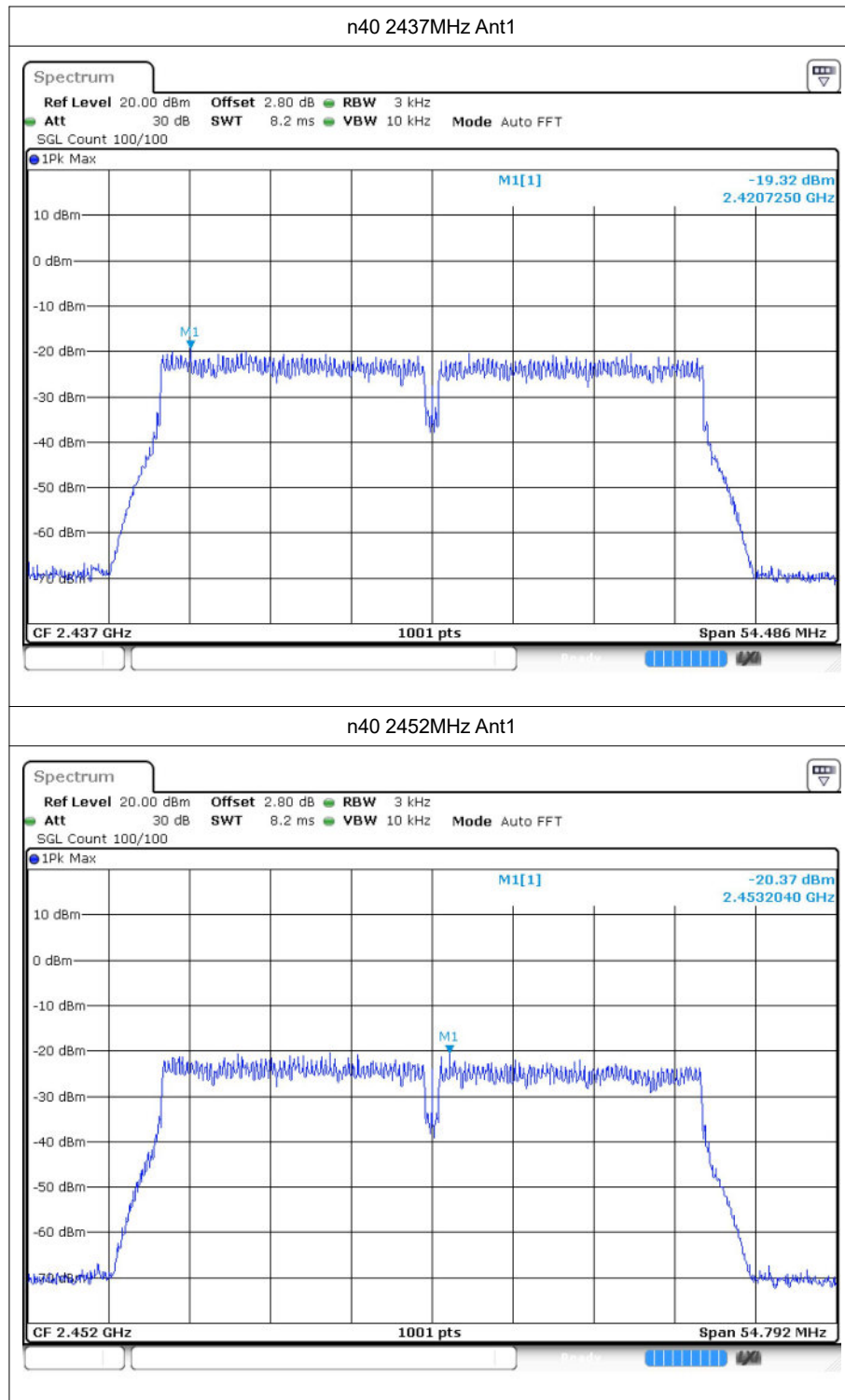


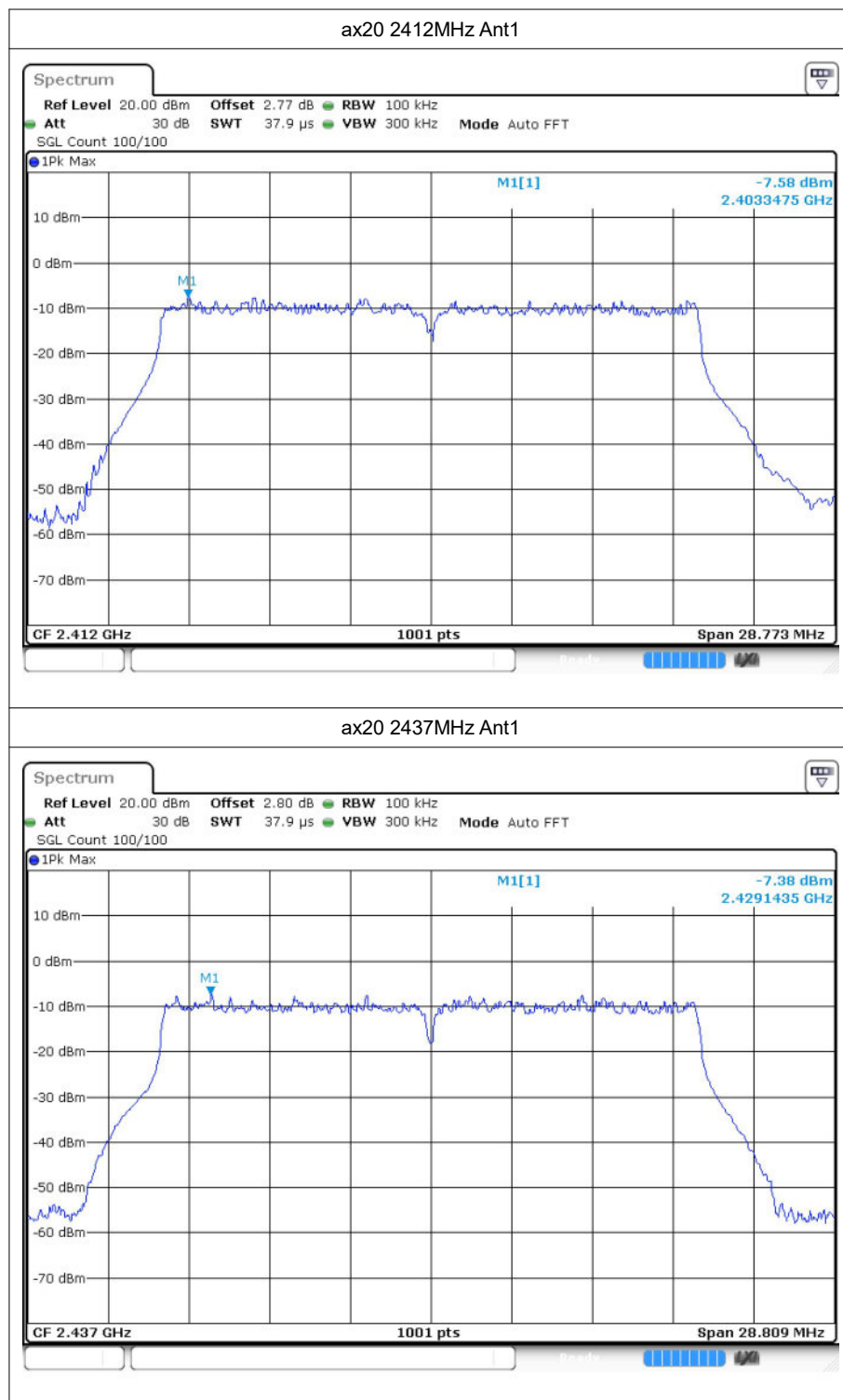


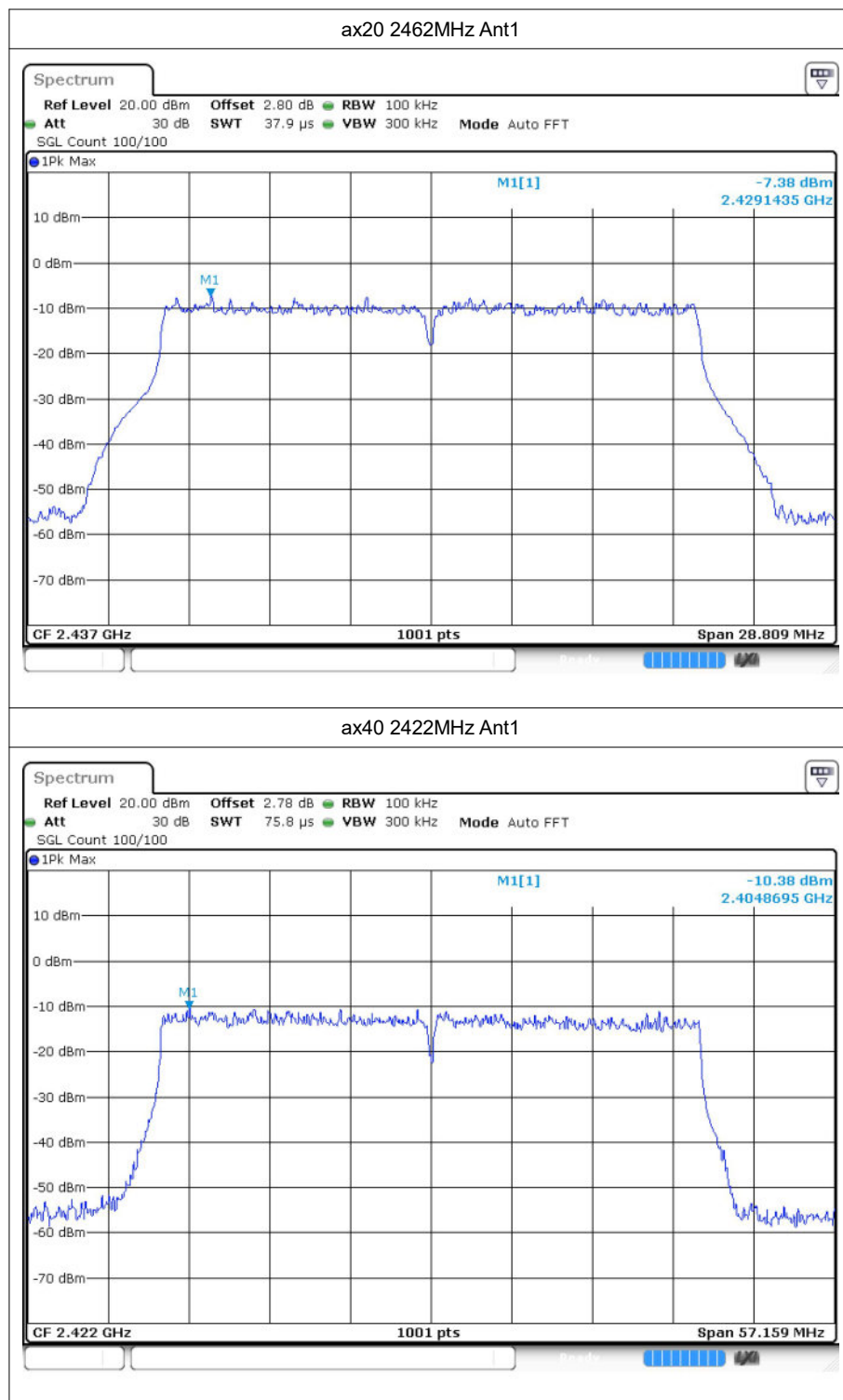


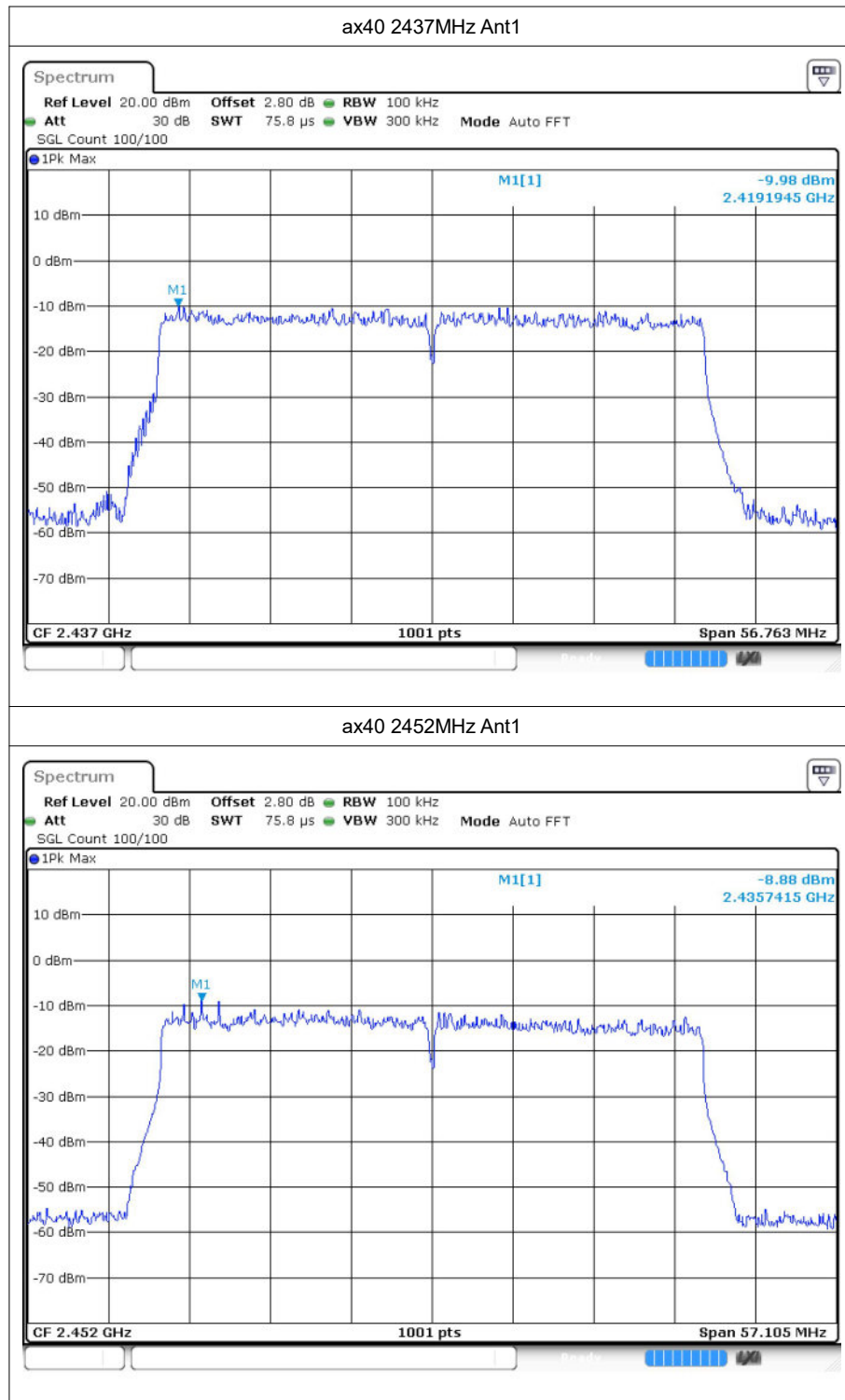














6 Band Edge

6.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-57.29	-20	-57.29
b	2462	Ant1	-57.49	-20	Pass
g	2412	Ant1	-47.46	-20	Pass
g	2462	Ant1	-49.34	-20	Pass
n20	2412	Ant1	-49.14	-20	Pass
n20	2462	Ant1	-49.13	-20	Pass
n40	2422	Ant1	-45.27	-20	Pass
n40	2452	Ant1	-45.95	-20	Pass
ax20	2412	Ant1	-45.78	-20	Pass
ax20	2462	Ant1	-47.16	-20	Pass
ax40	2422	Ant1	-45.2	-20	Pass
ax40	2452	Ant1	-46.31	-20	Pass

6.2 Test Graphs

