



Appendix B

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: SMART GLASSES

Trade Mark: N/A

Test Model: L805

Environmental Conditions

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



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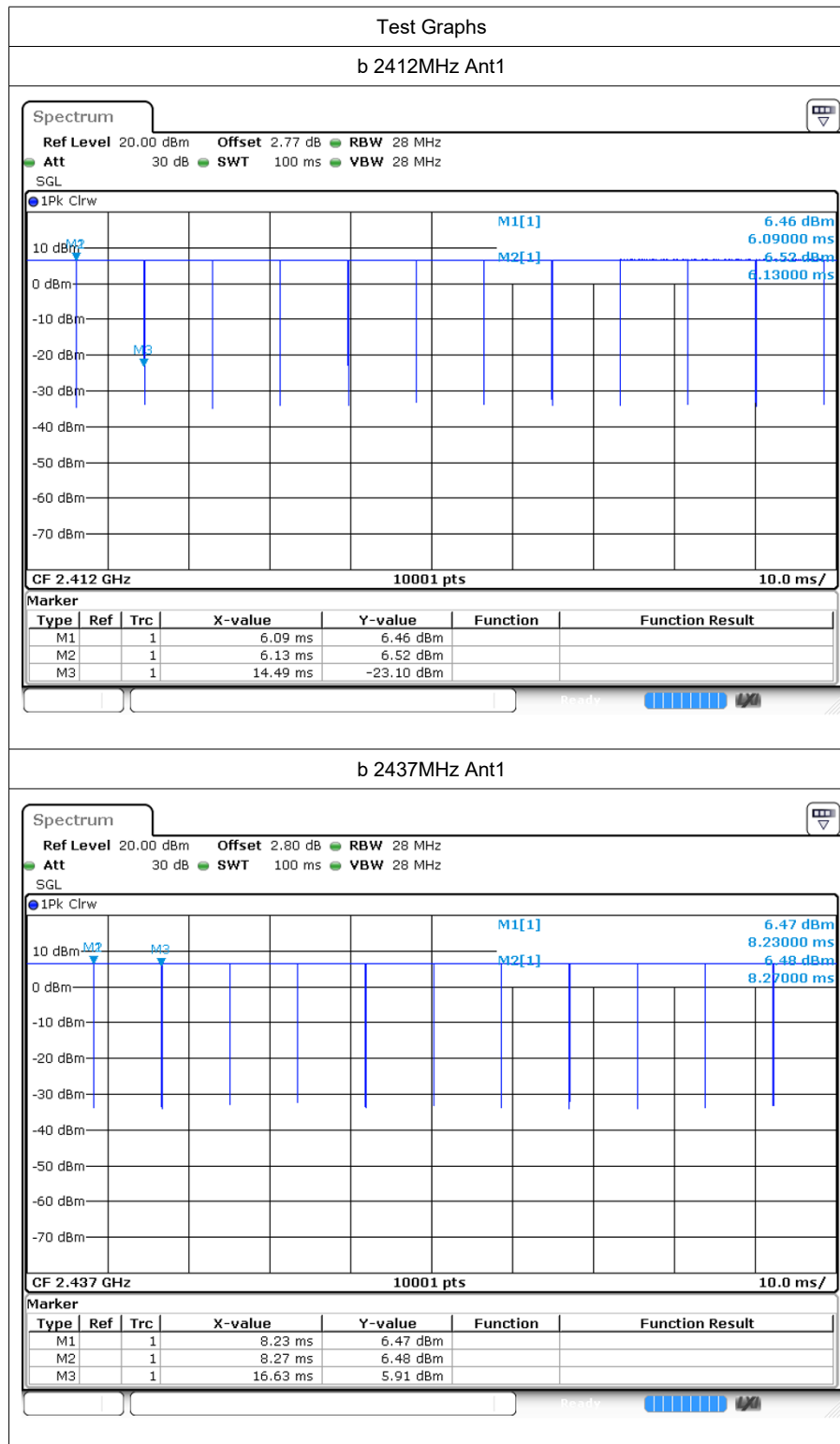


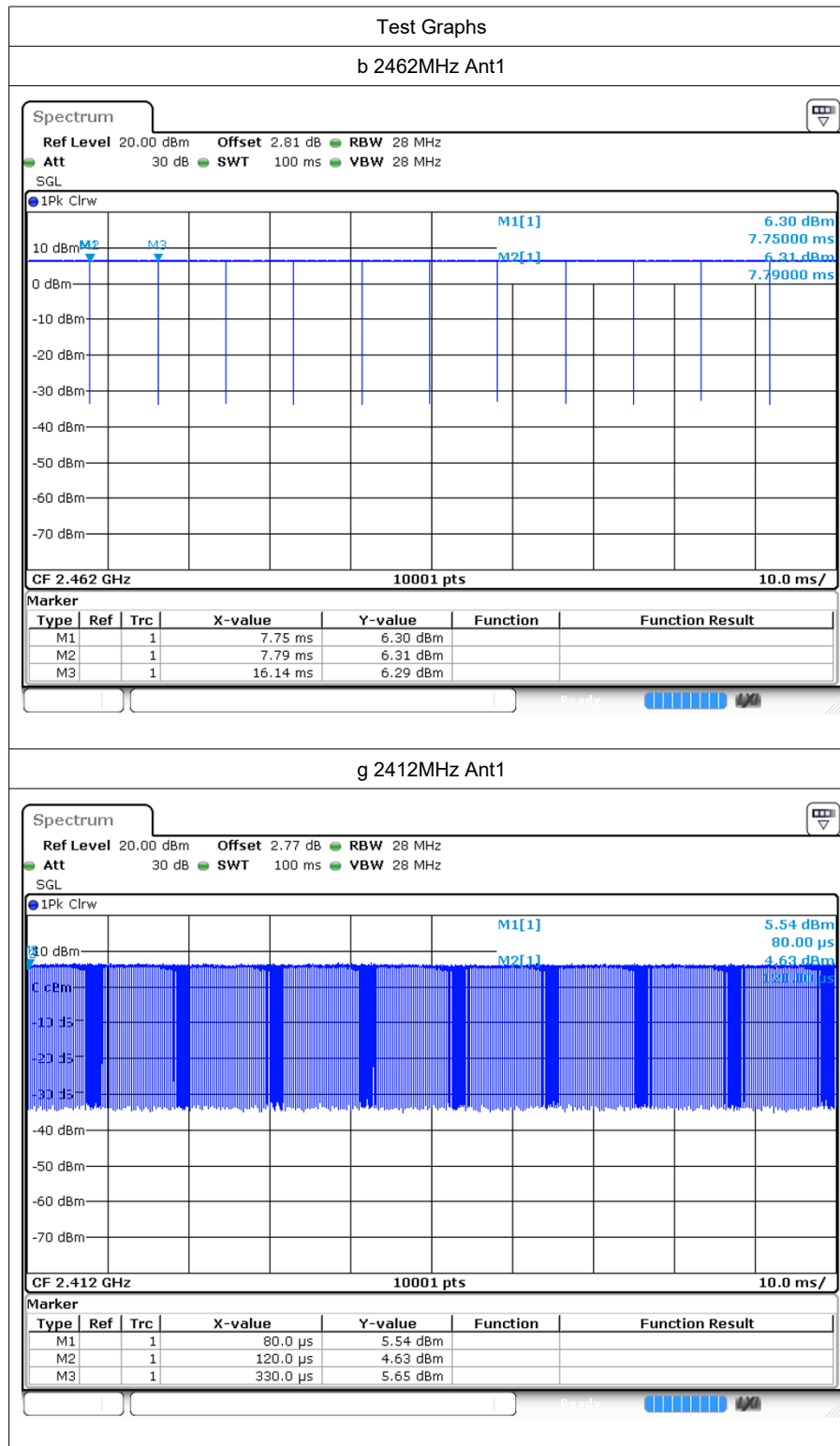
1 Duty Cycle

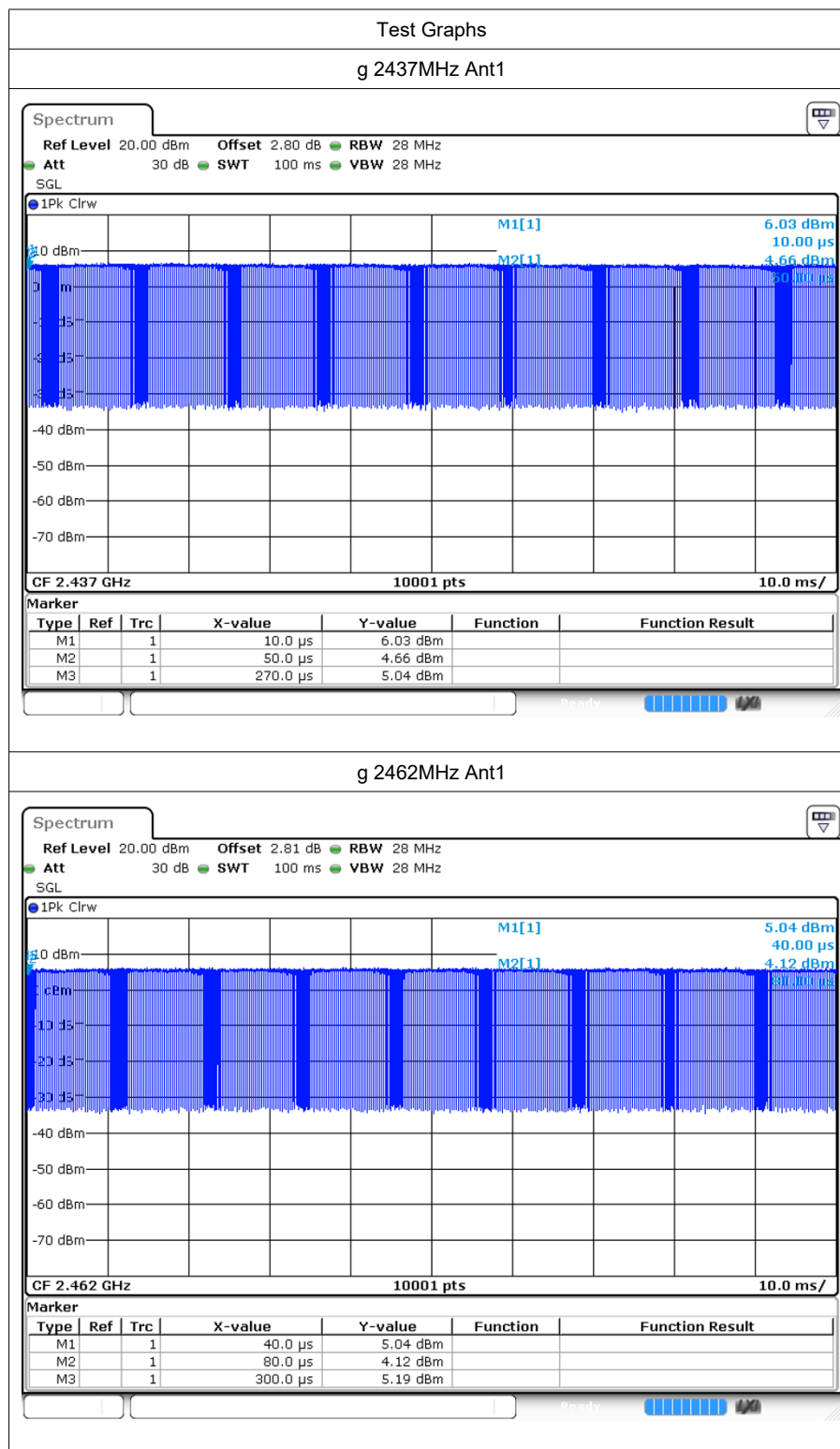
1.1 Test Result

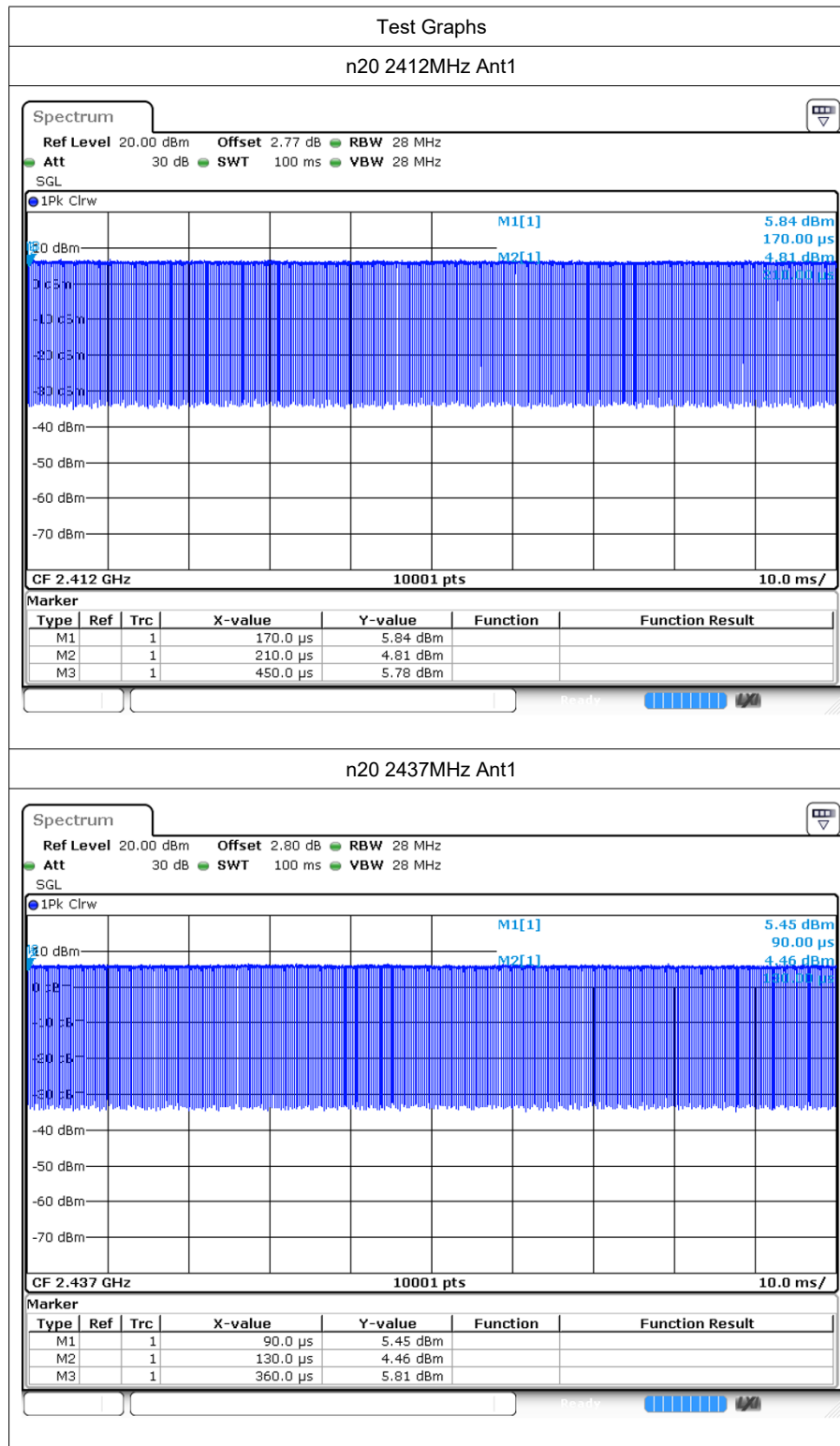
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor	1/T (kHz)
b	2412	Ant1	99.6	0.02	0.12
b	2437	Ant1	99.63	0.02	0.12
b	2462	Ant1	99.63	0.02	0.12
g	2412	Ant1	86.85	0.61	4.76
g	2437	Ant1	86.77	0.62	4.55
g	2462	Ant1	86.83	0.61	4.55
n20	2412	Ant1	87.47	0.58	4.17
n20	2437	Ant1	87.48	0.58	4.35
n20	2462	Ant1	87.49	0.58	4.35

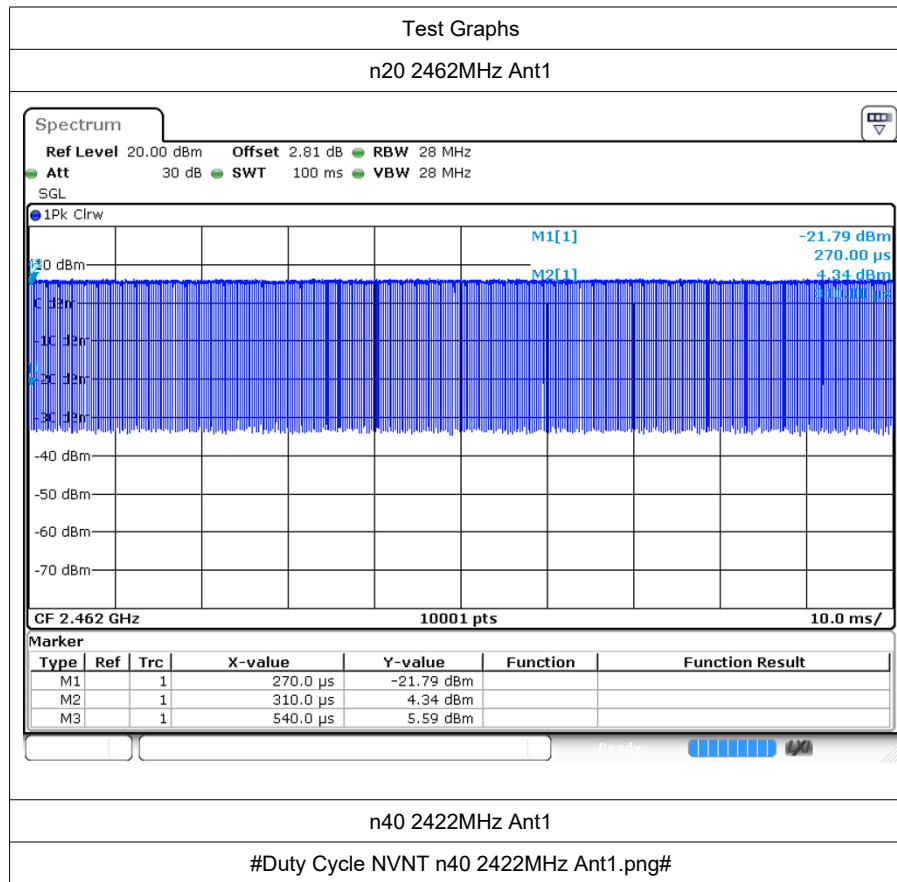
1.2 Test Graphs











2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	7.67	30	Pass
b	2437	Ant1	7.67	30	Pass
b	2462	Ant1	7.38	30	Pass
g	2412	Ant1	7.76	30	Pass
g	2437	Ant1	7.72	30	Pass
g	2462	Ant1	7.33	30	Pass
n20	2412	Ant1	7.74	30	Pass
n20	2437	Ant1	7.68	30	Pass
n20	2462	Ant1	7.52	30	Pass

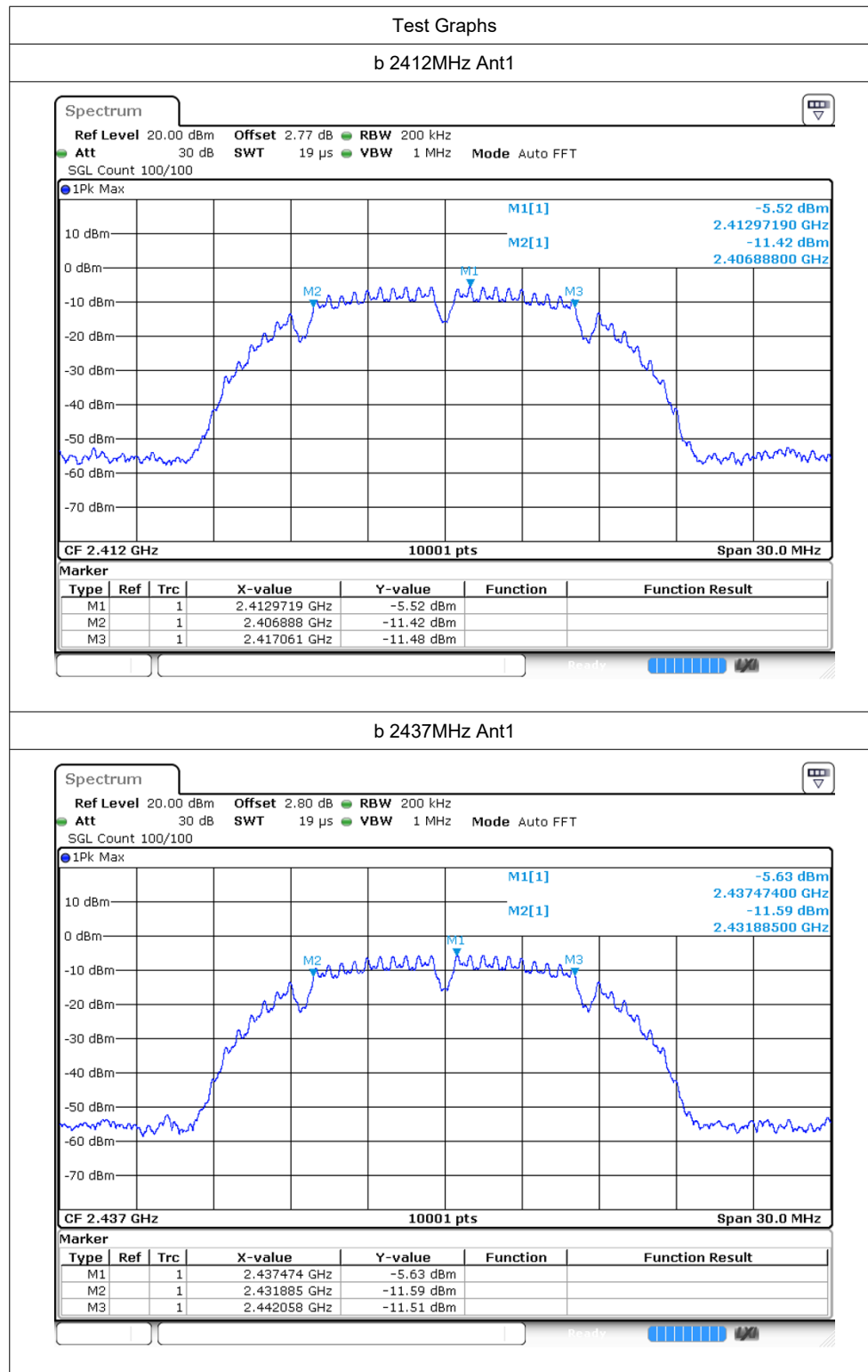


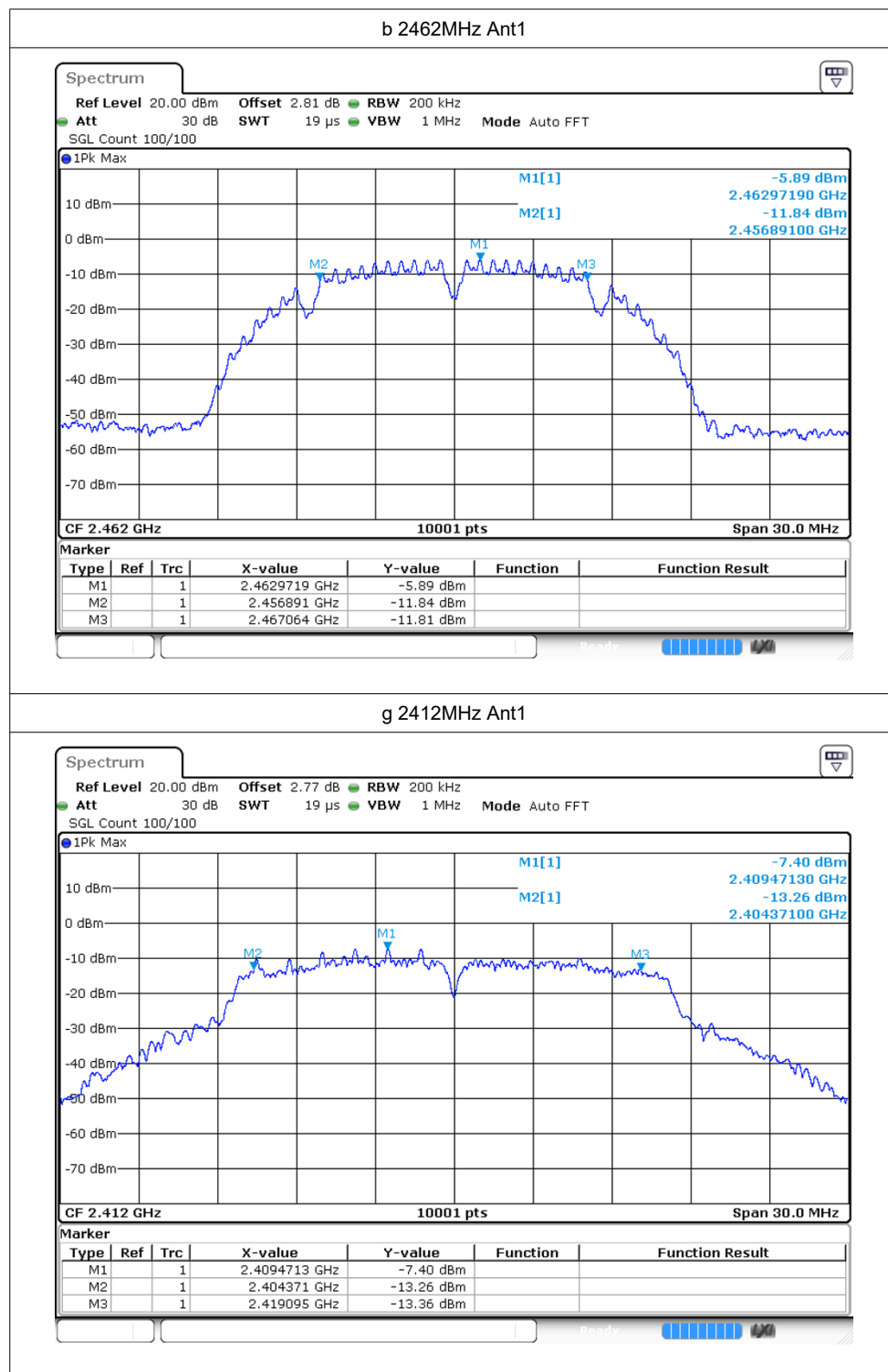
3 -6dB Bandwidth

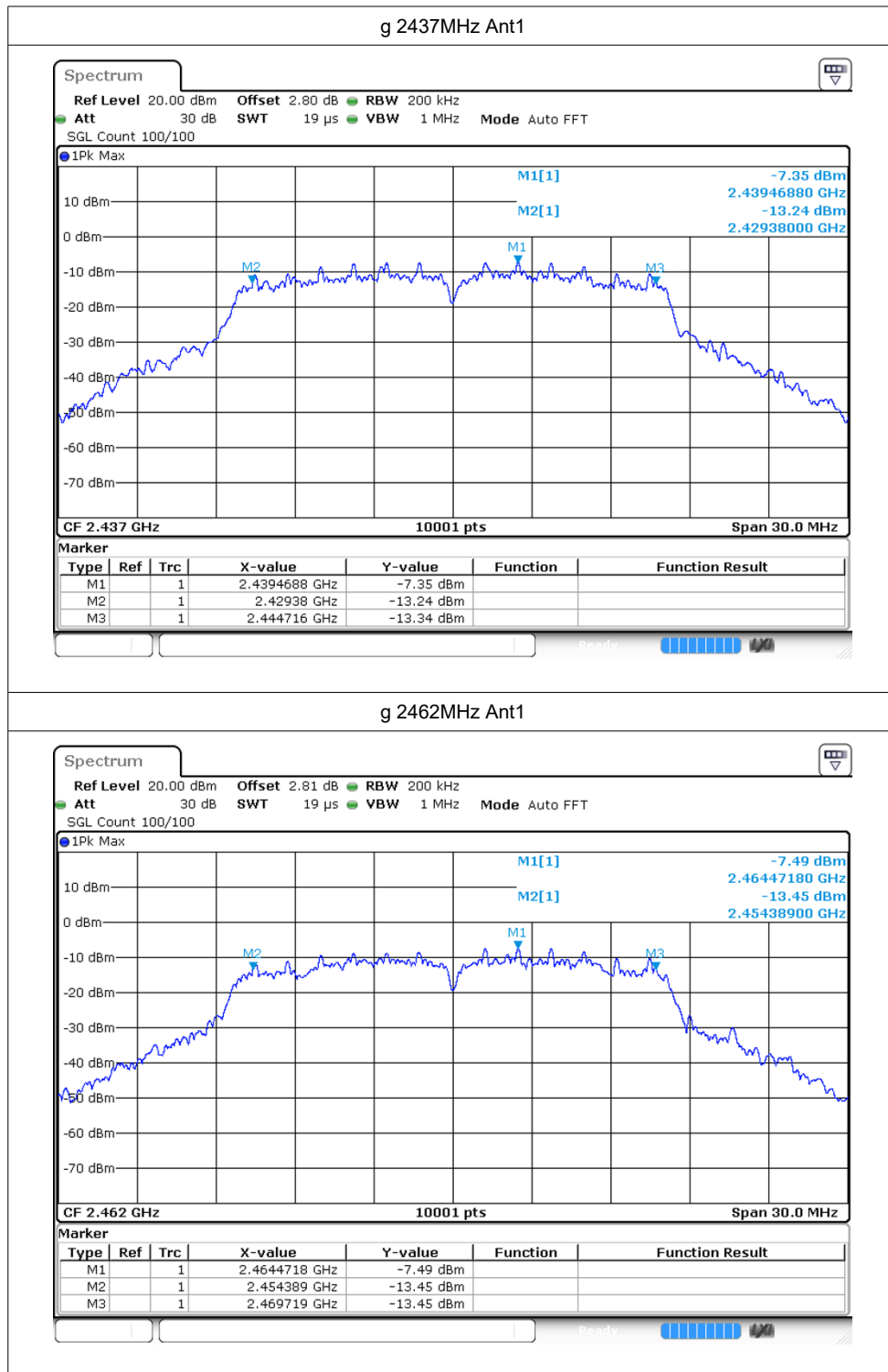
3.1 Test Result

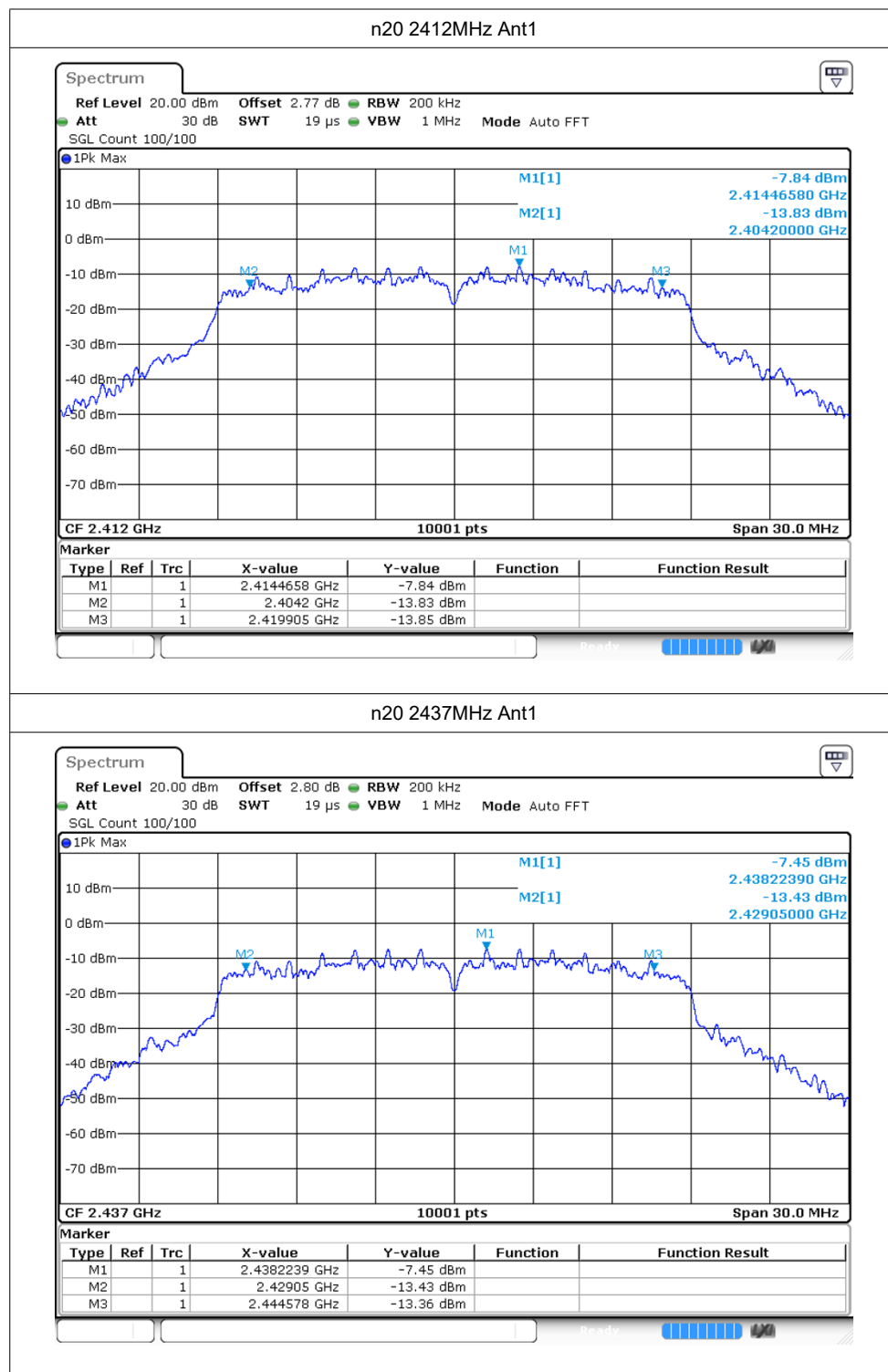
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant1	10.173	0.5	Pass
b	2437	Ant1	10.173	0.5	Pass
b	2462	Ant1	10.173	0.5	Pass
g	2412	Ant1	14.724	0.5	Pass
g	2437	Ant1	15.336	0.5	Pass
g	2462	Ant1	15.33	0.5	Pass
n20	2412	Ant1	15.705	0.5	Pass
n20	2437	Ant1	15.528	0.5	Pass
n20	2462	Ant1	16.155	0.5	Pass

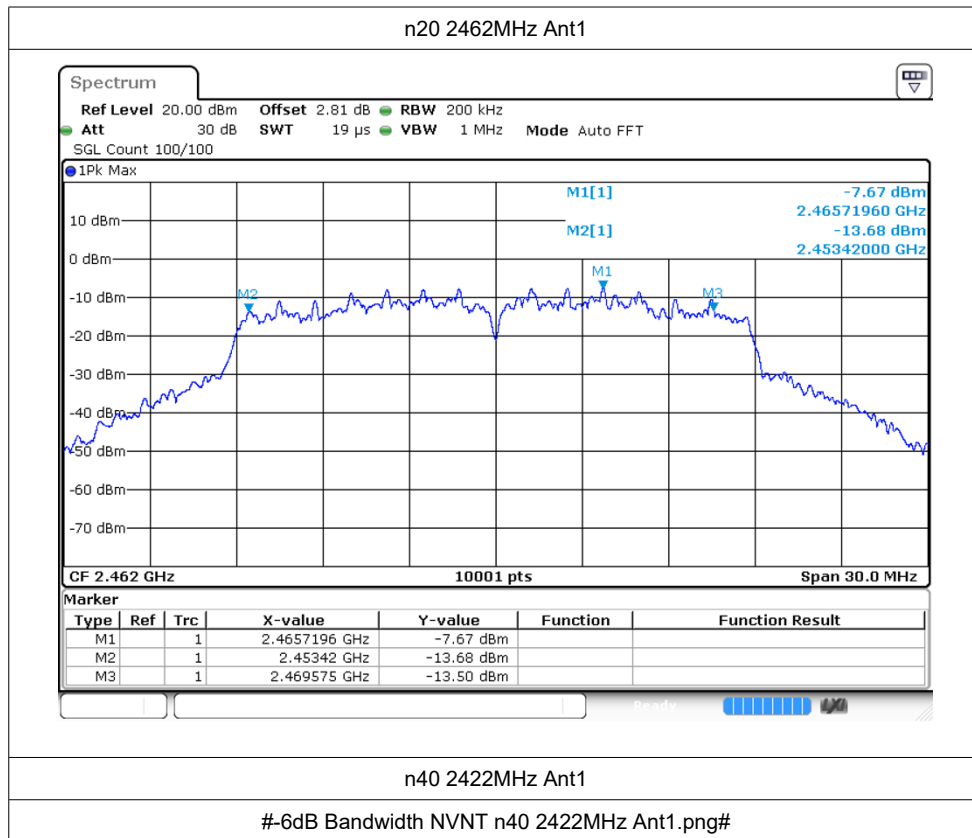
3.2 Test Graphs









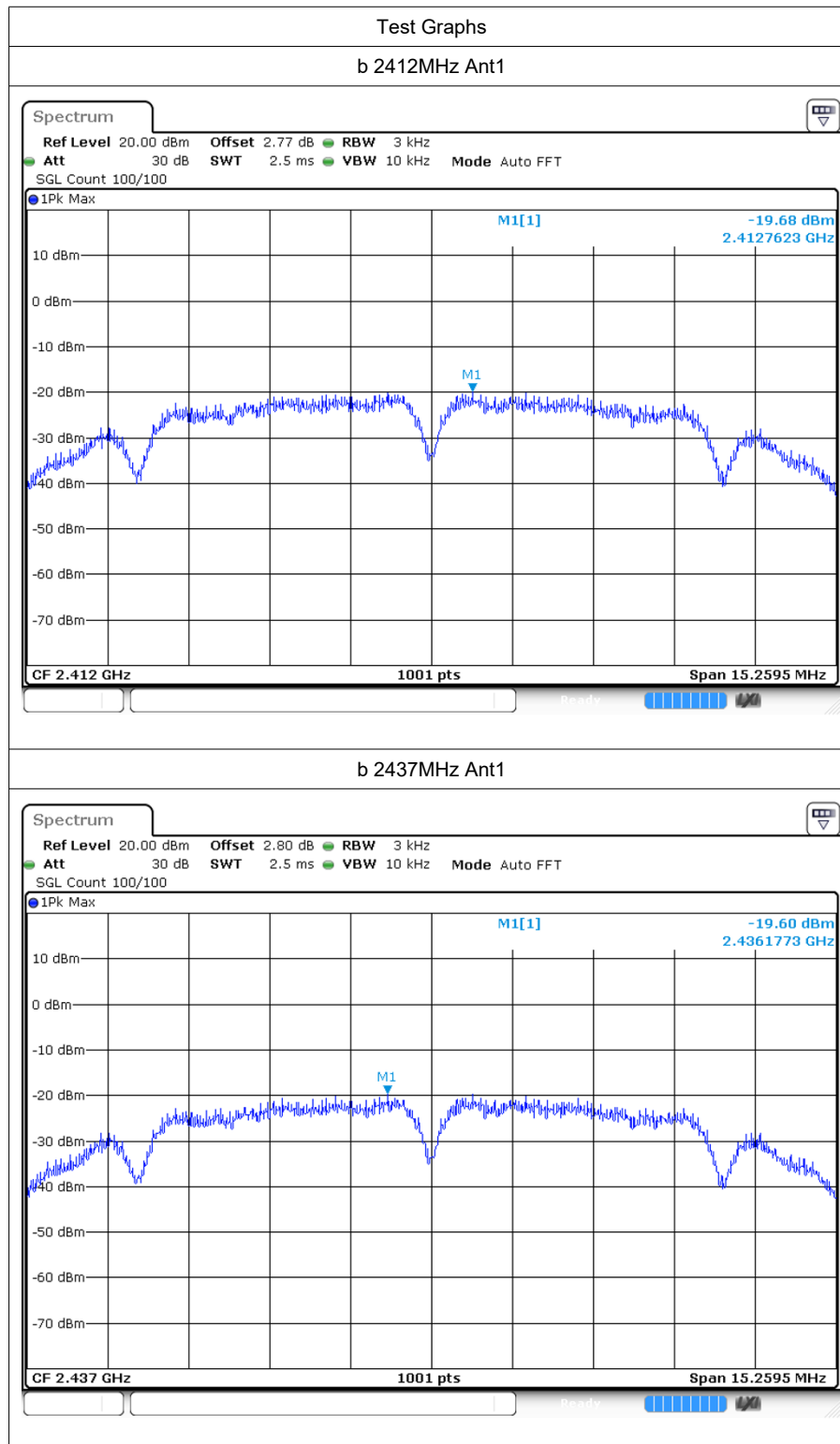


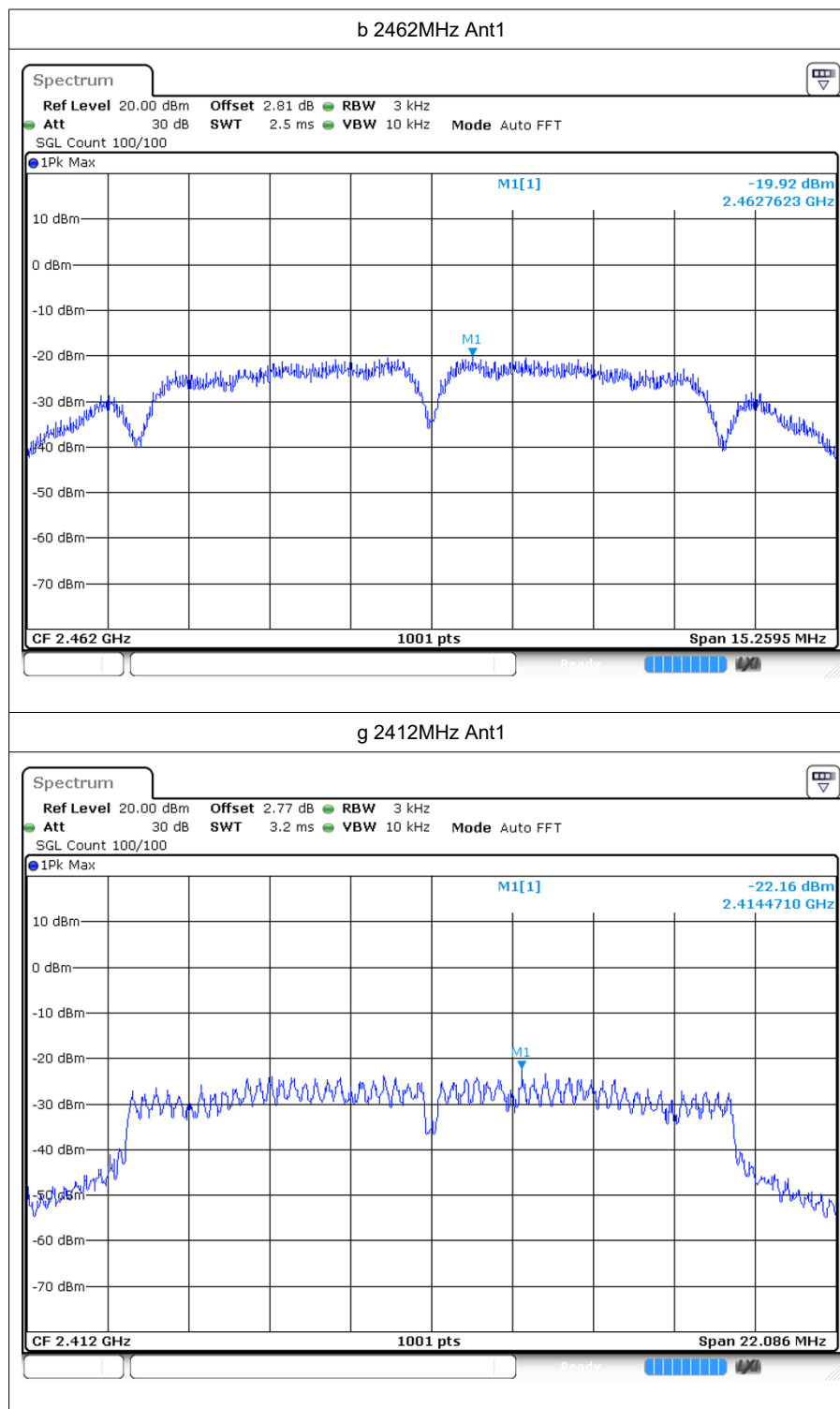
4 Maximum Power Spectral Density Level

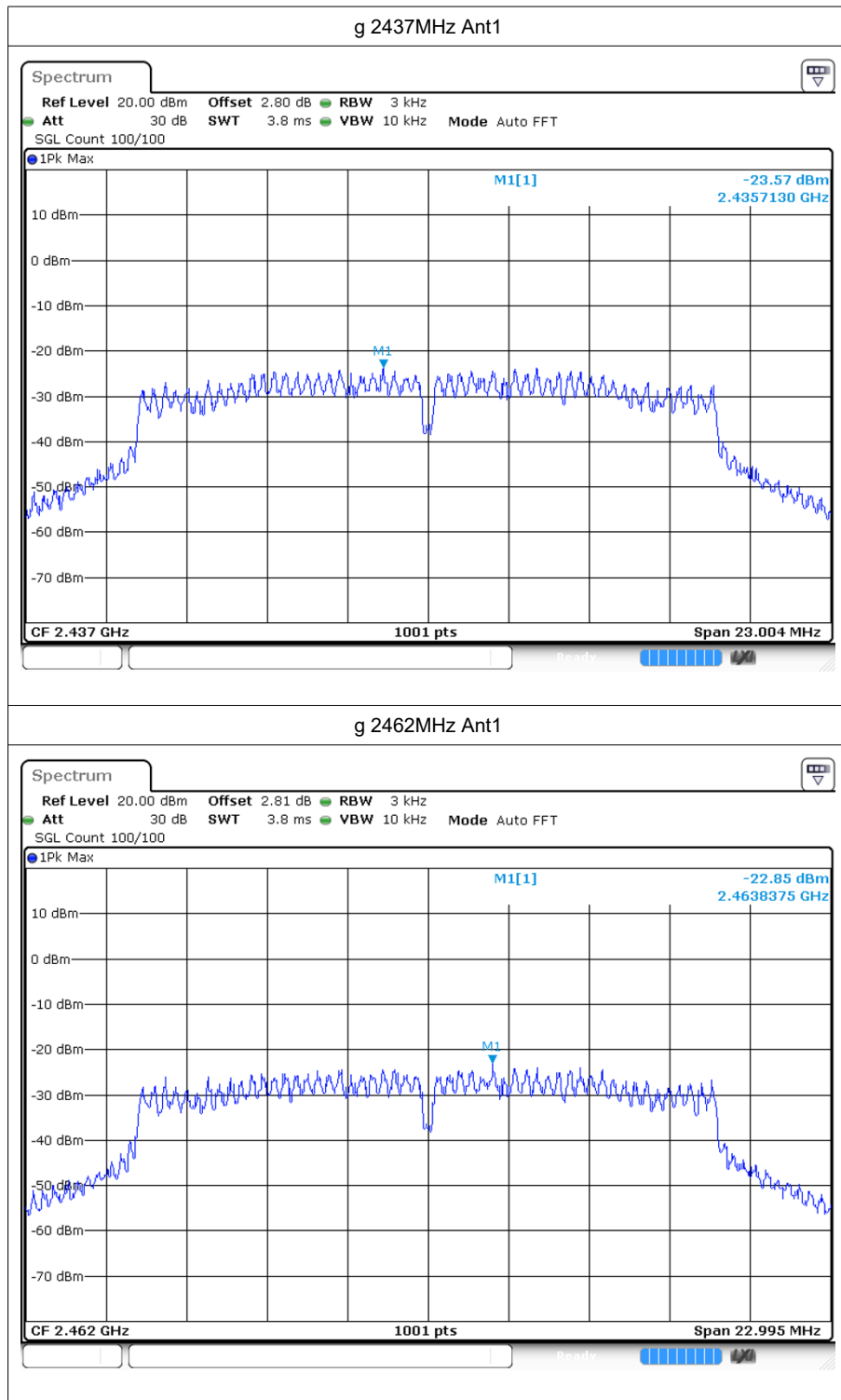
4.1 Test Result

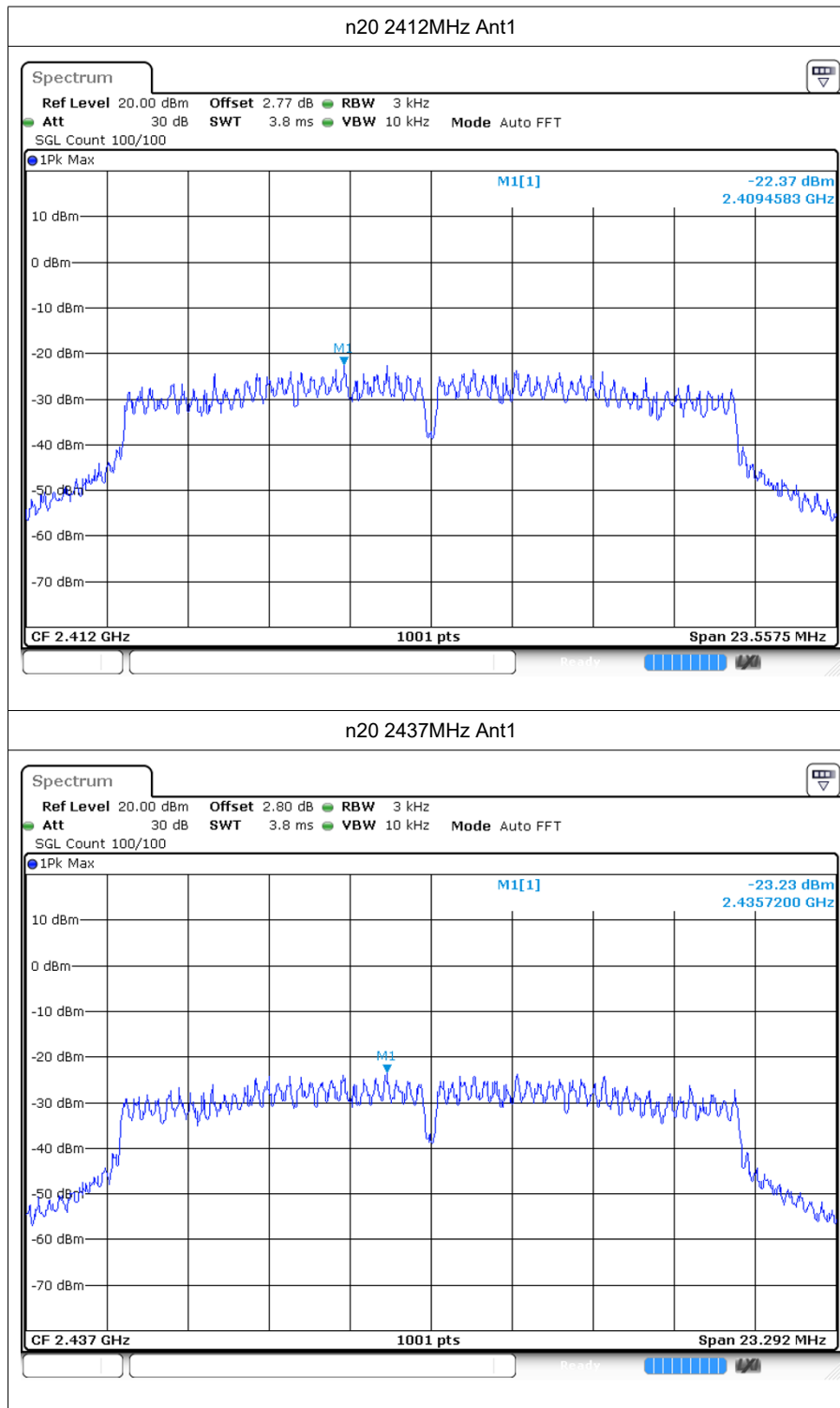
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
b	2412	Ant1	-19.68	≤8	Pass
b	2437	Ant1	-19.6	≤8	Pass
b	2462	Ant1	-19.92	≤8	Pass
g	2412	Ant1	-22.16	≤8	Pass
g	2437	Ant1	-23.57	≤8	Pass
g	2462	Ant1	-22.85	≤8	Pass
n20	2412	Ant1	-22.37	≤8	Pass
n20	2437	Ant1	-23.23	≤8	Pass
n20	2462	Ant1	-23.12	≤8	Pass

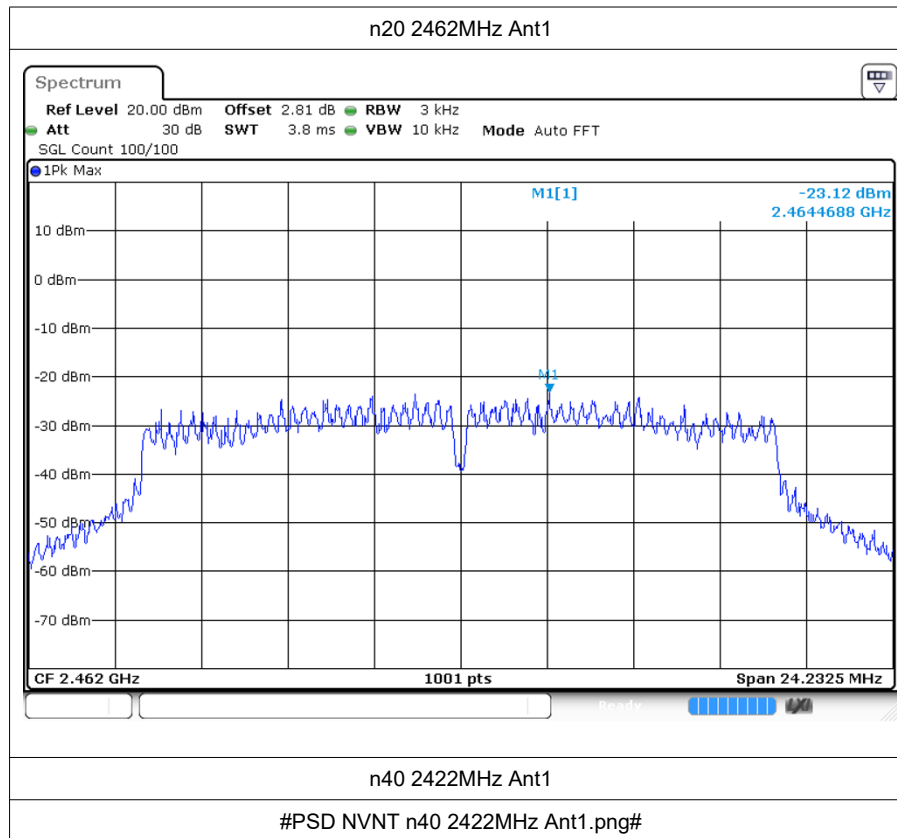
4.2 Test Graphs











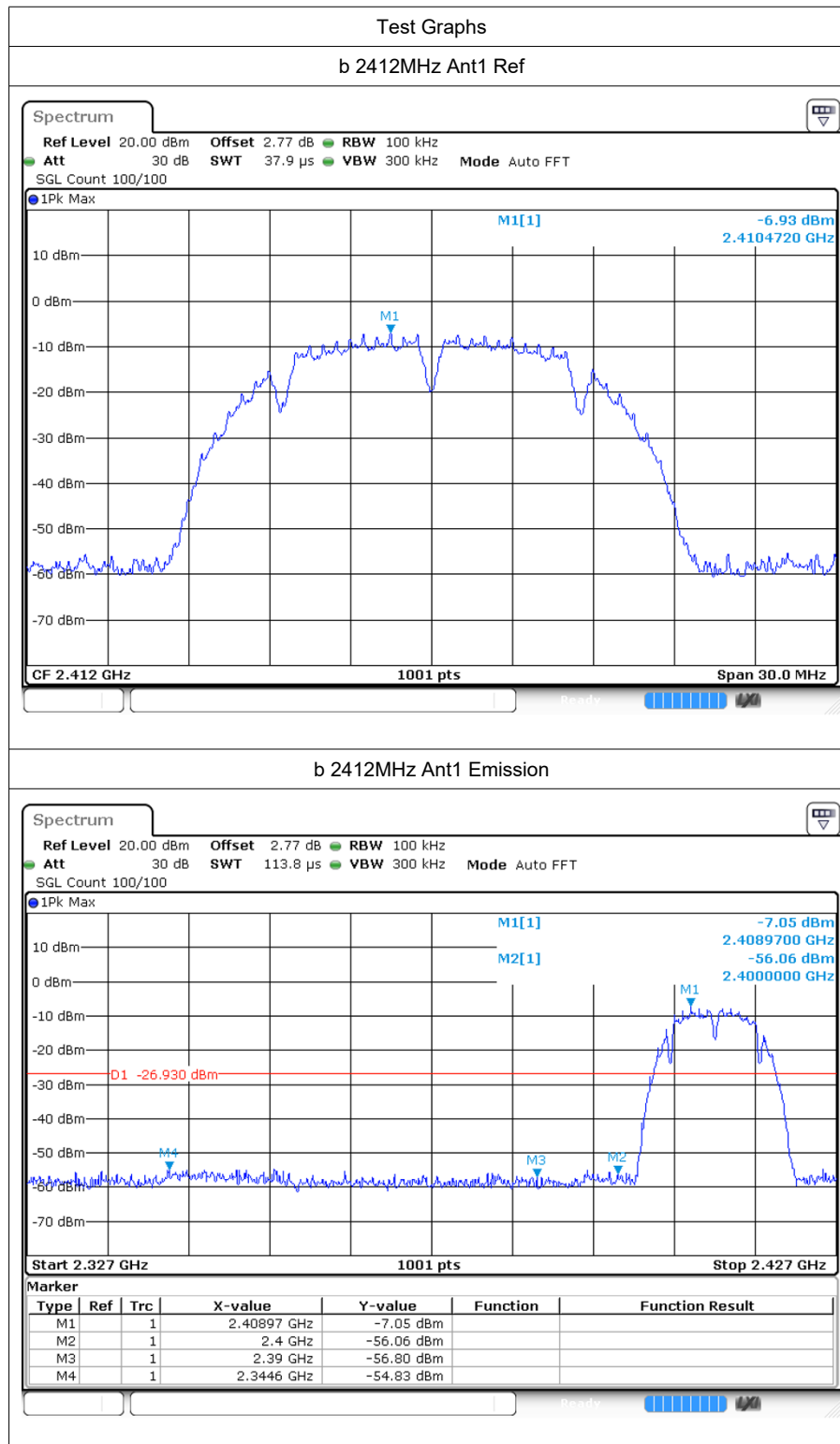


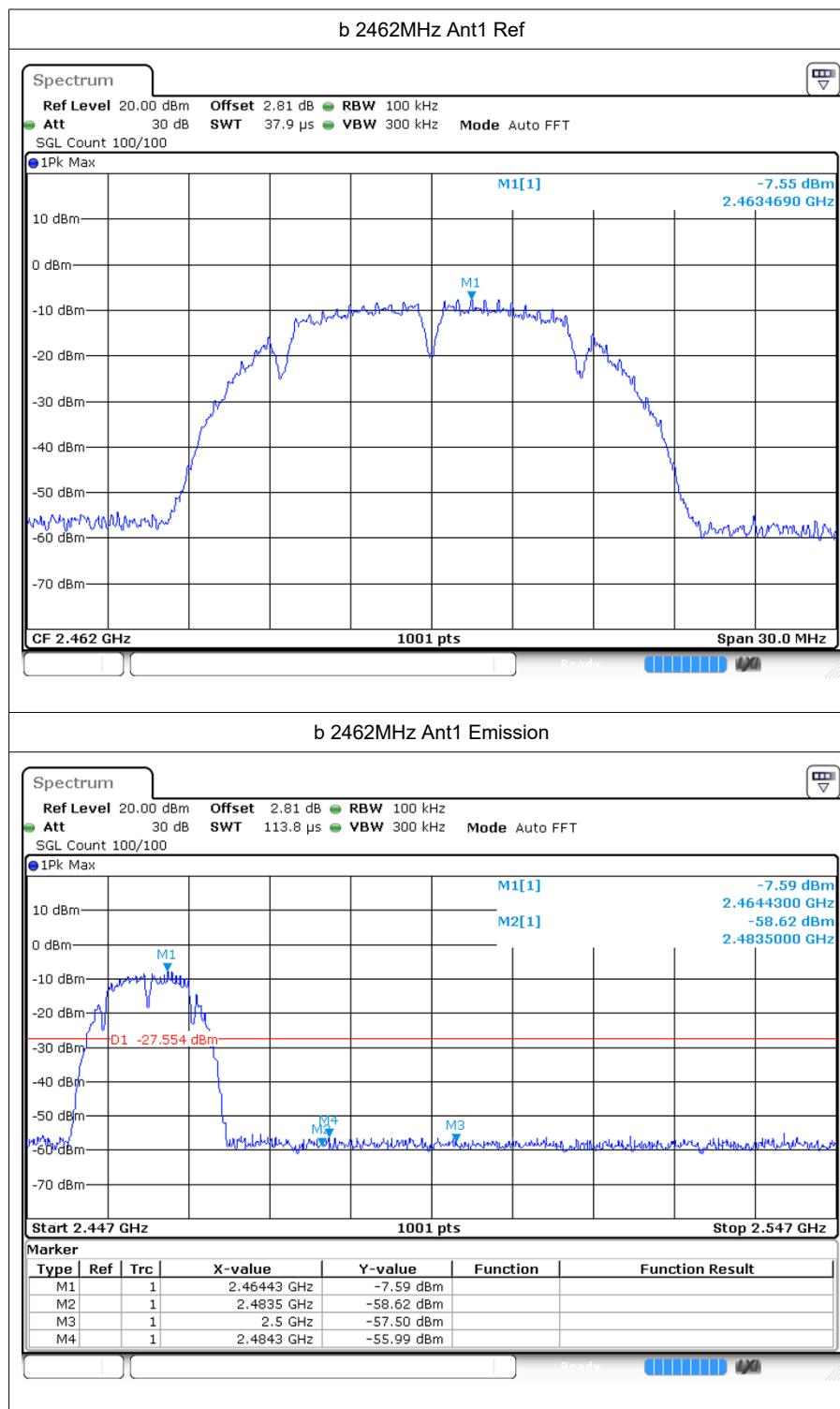
5 Band Edge

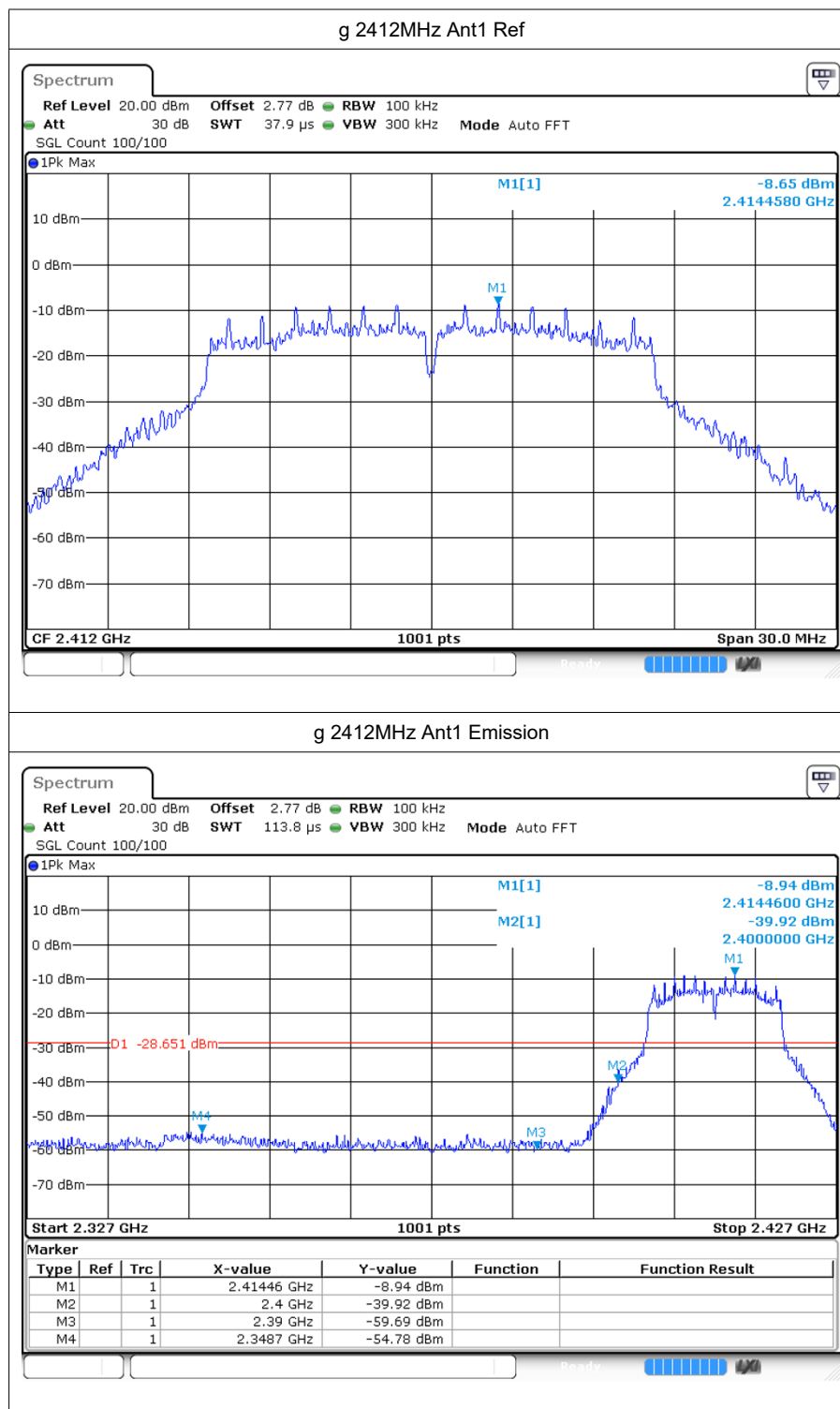
5.1 Test Result

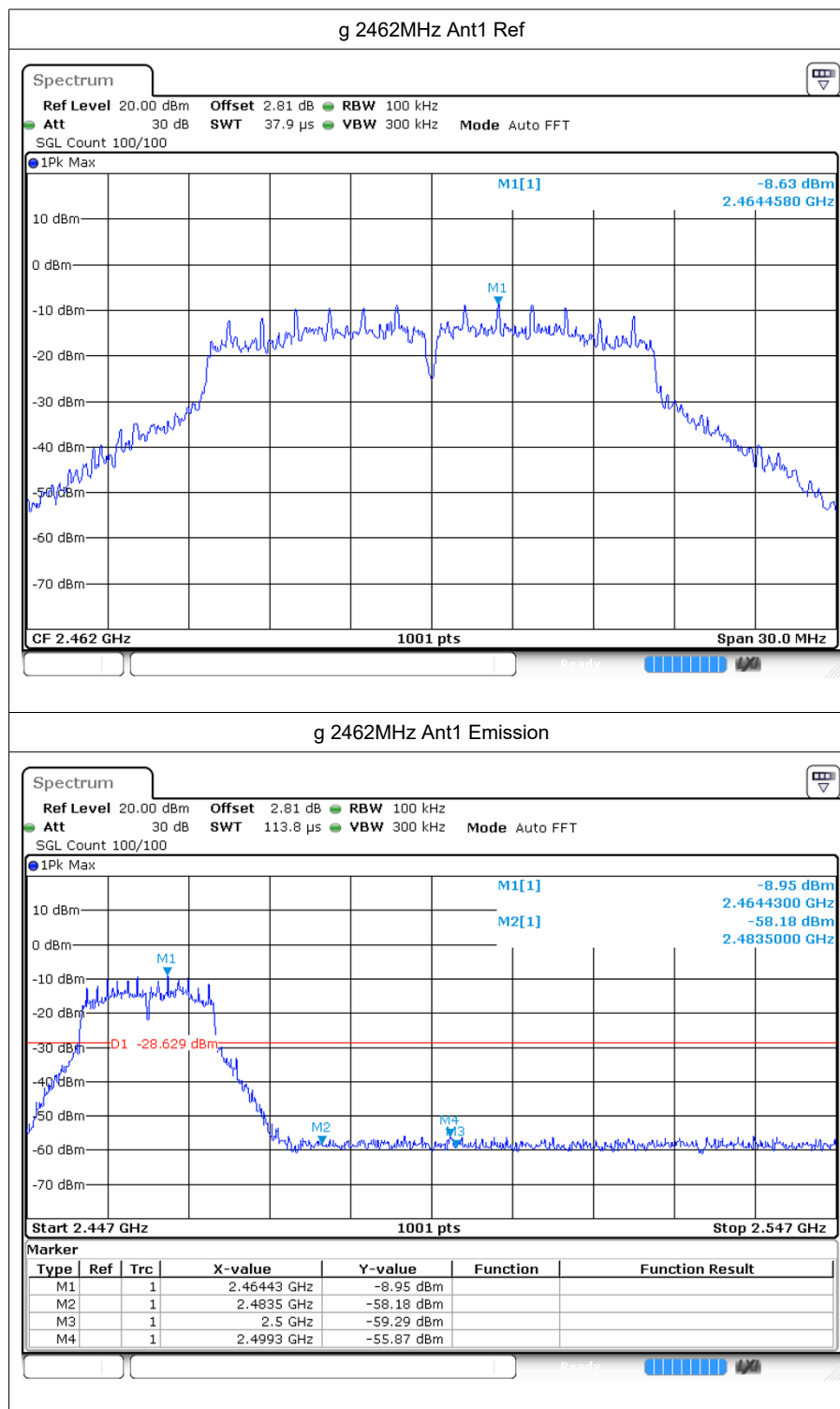
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-47.9	-20	Pass
b	2462	Ant1	-48.44	-20	Pass
g	2412	Ant1	-46.13	-20	Pass
g	2462	Ant1	-47.23	-20	Pass
n20	2412	Ant1	-45.85	-20	Pass
n20	2462	Ant1	-46.42	-20	Pass

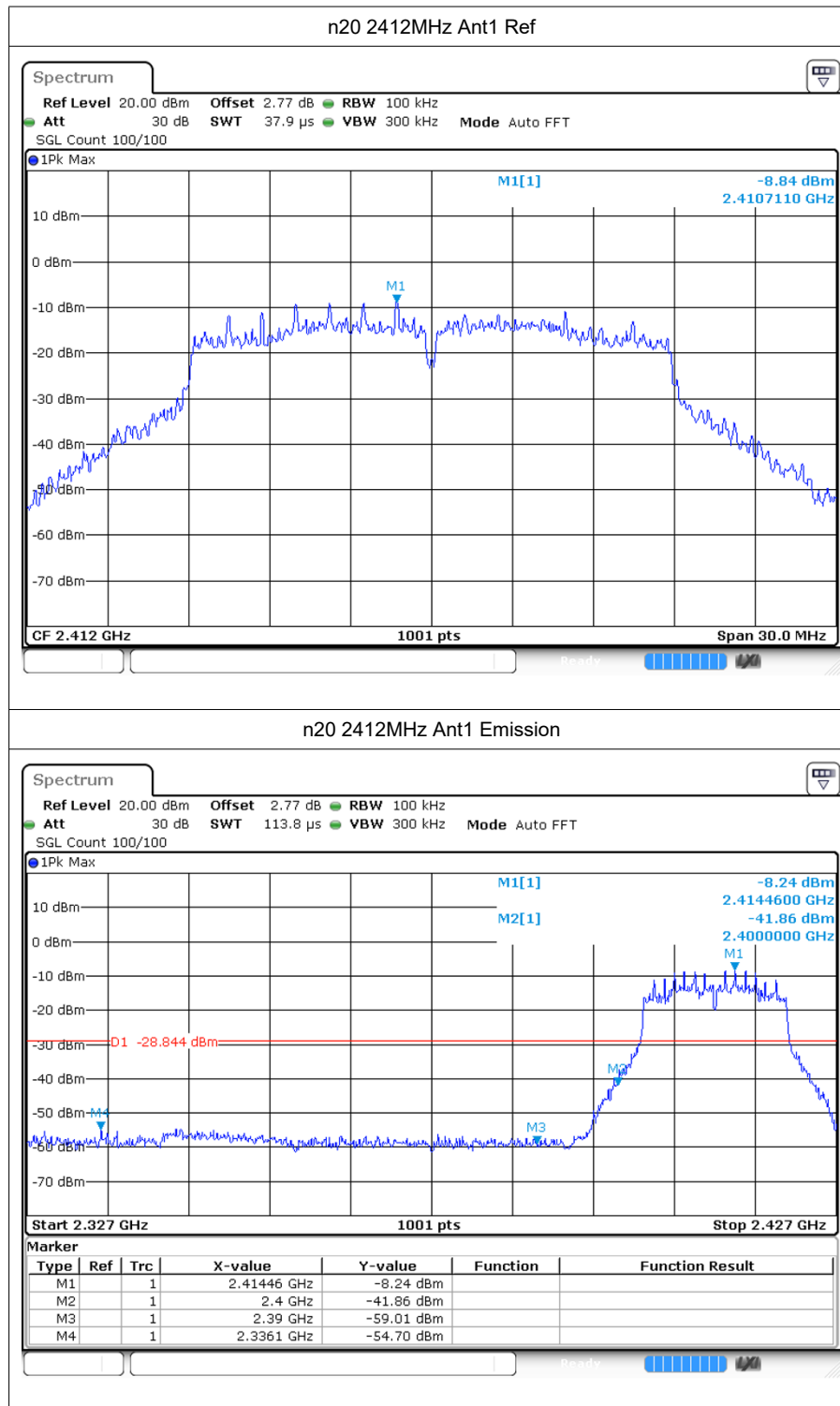
5.2 Test Graphs

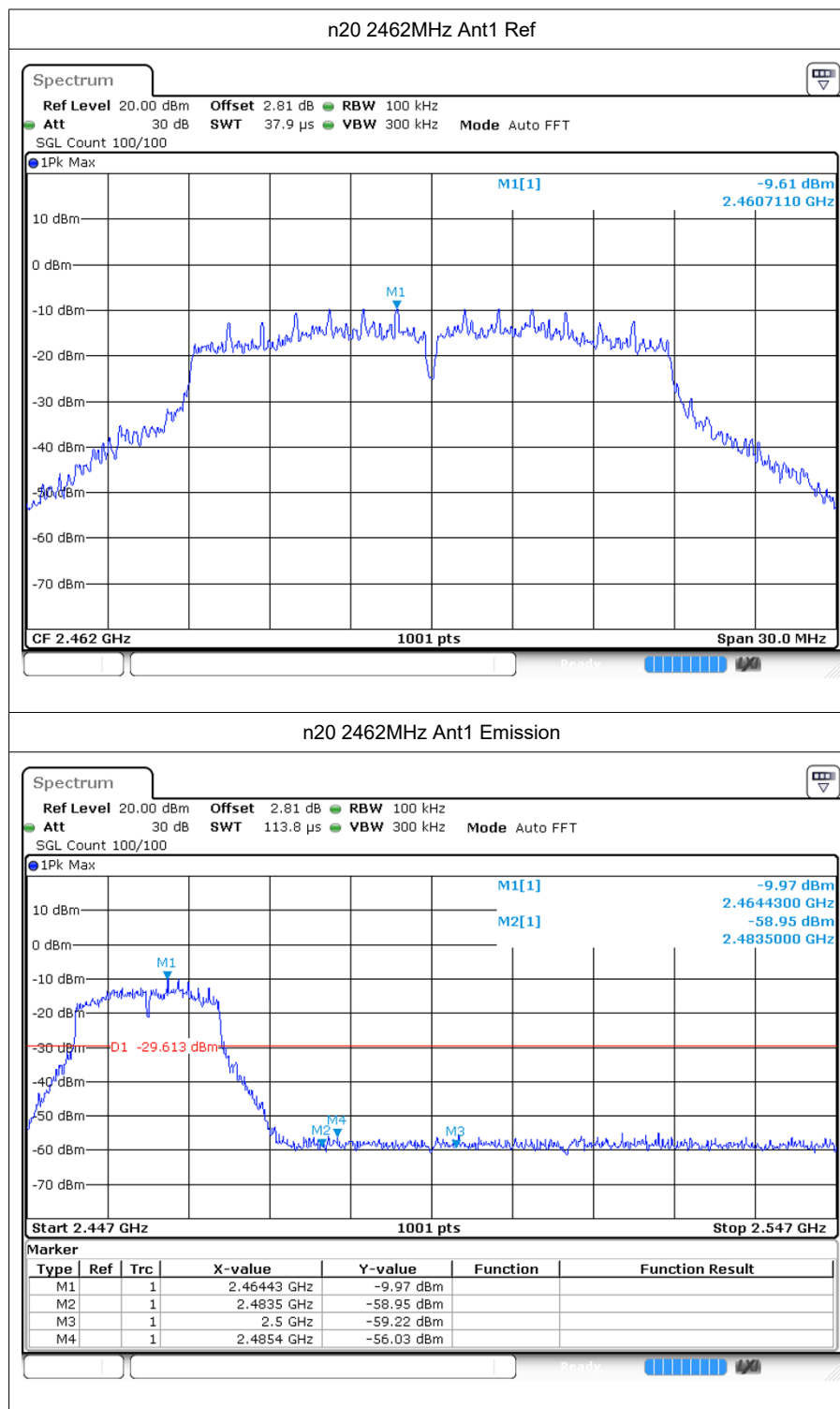










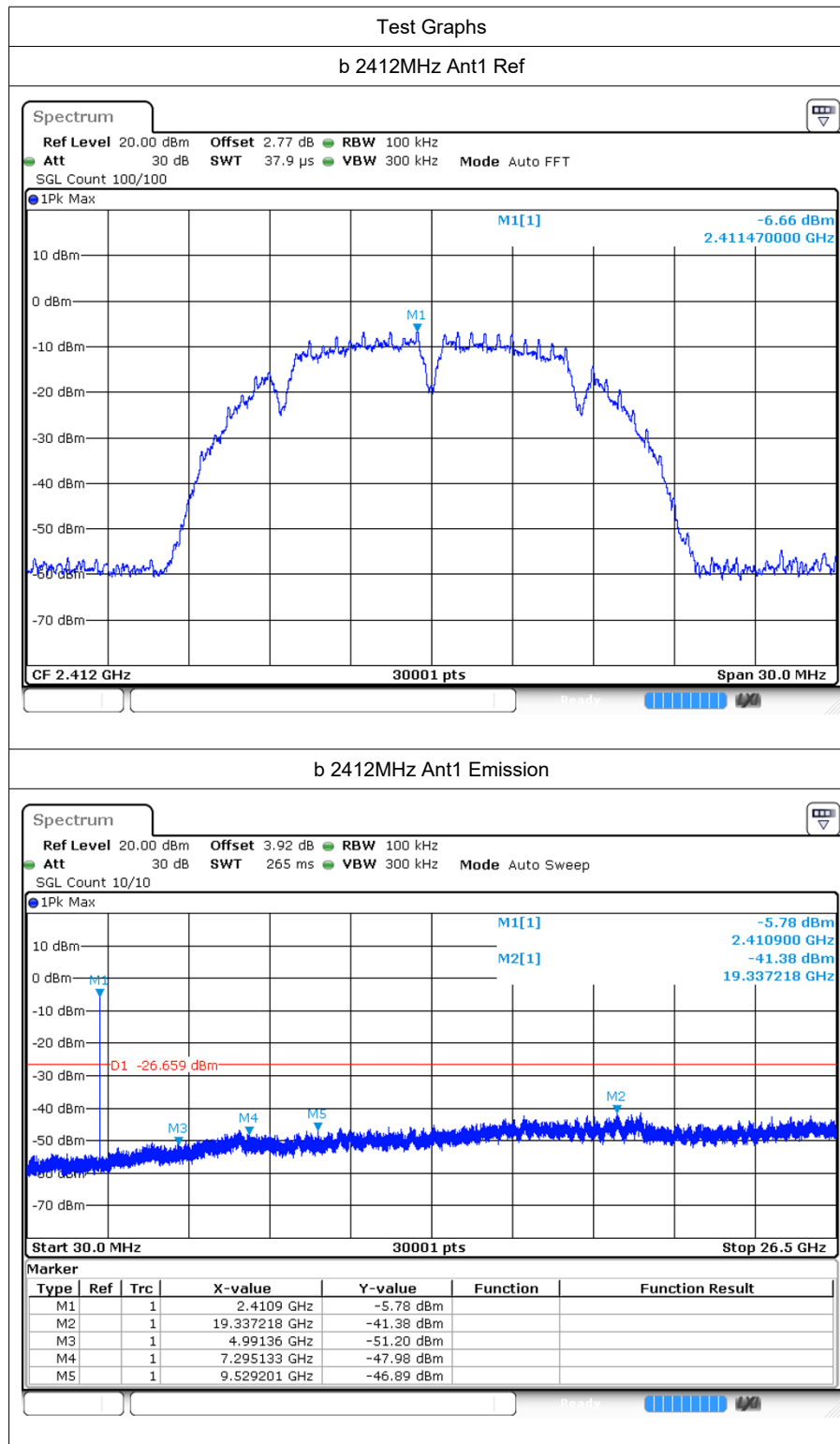


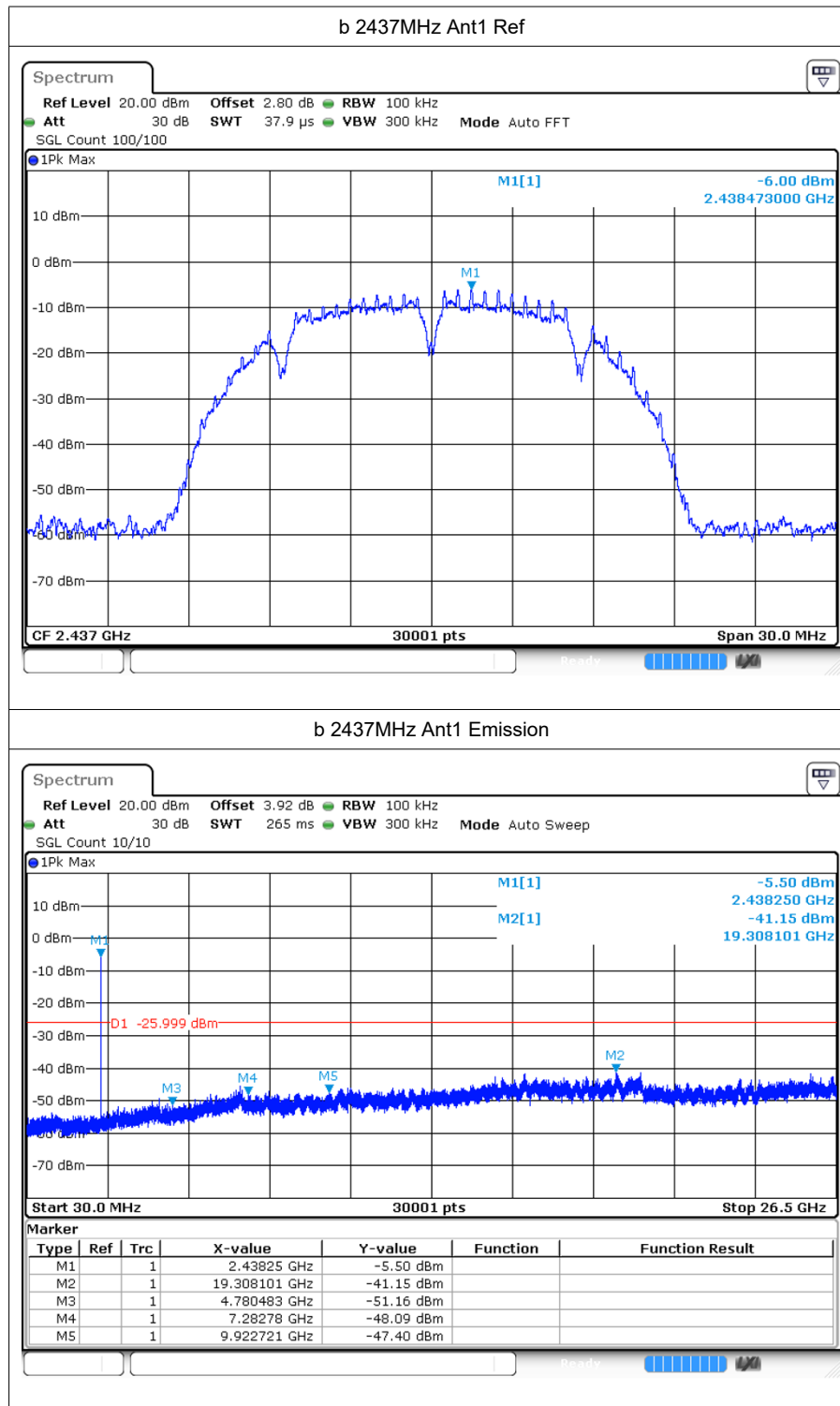
6 Conducted RF Spurious Emission

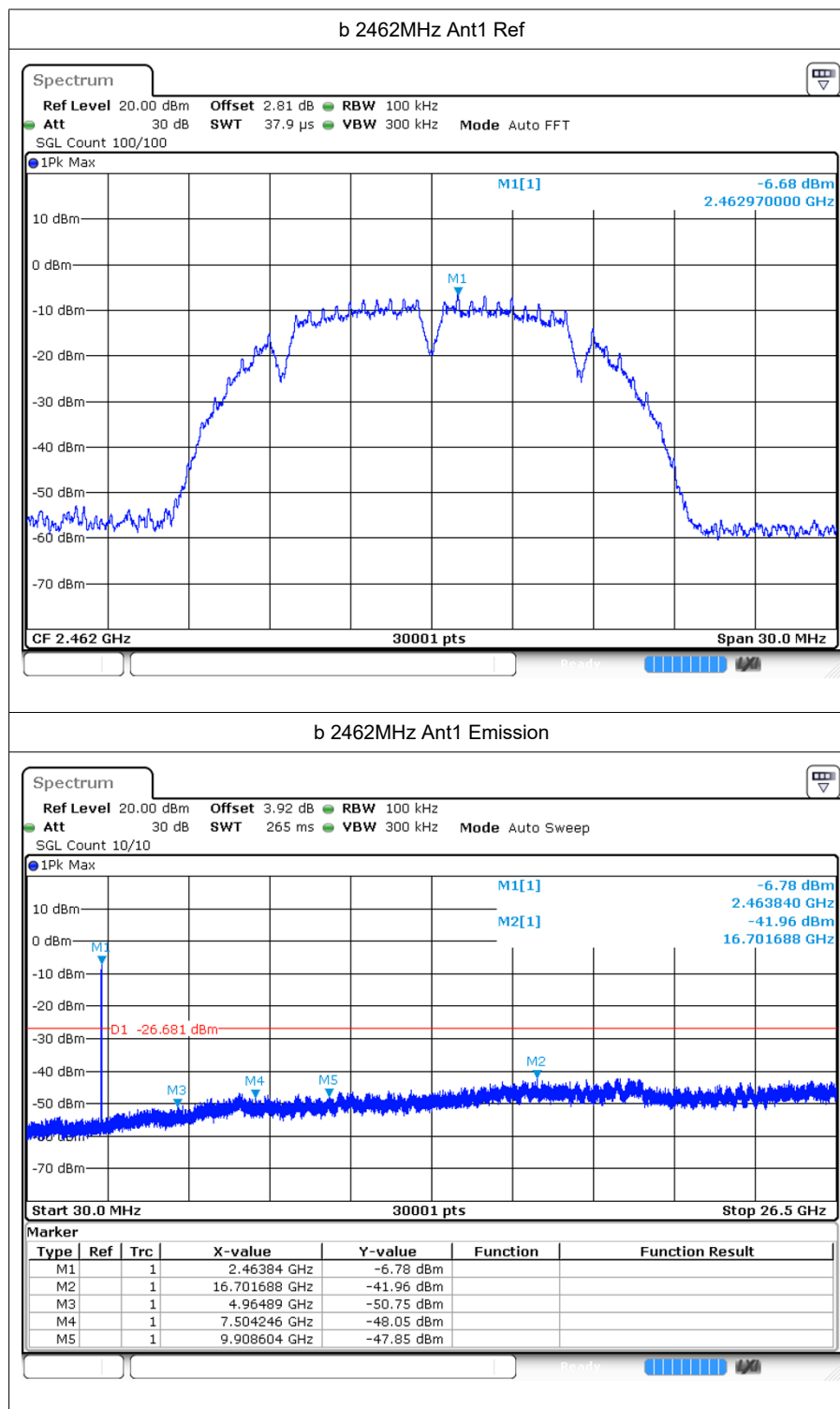
6.1 Test Result

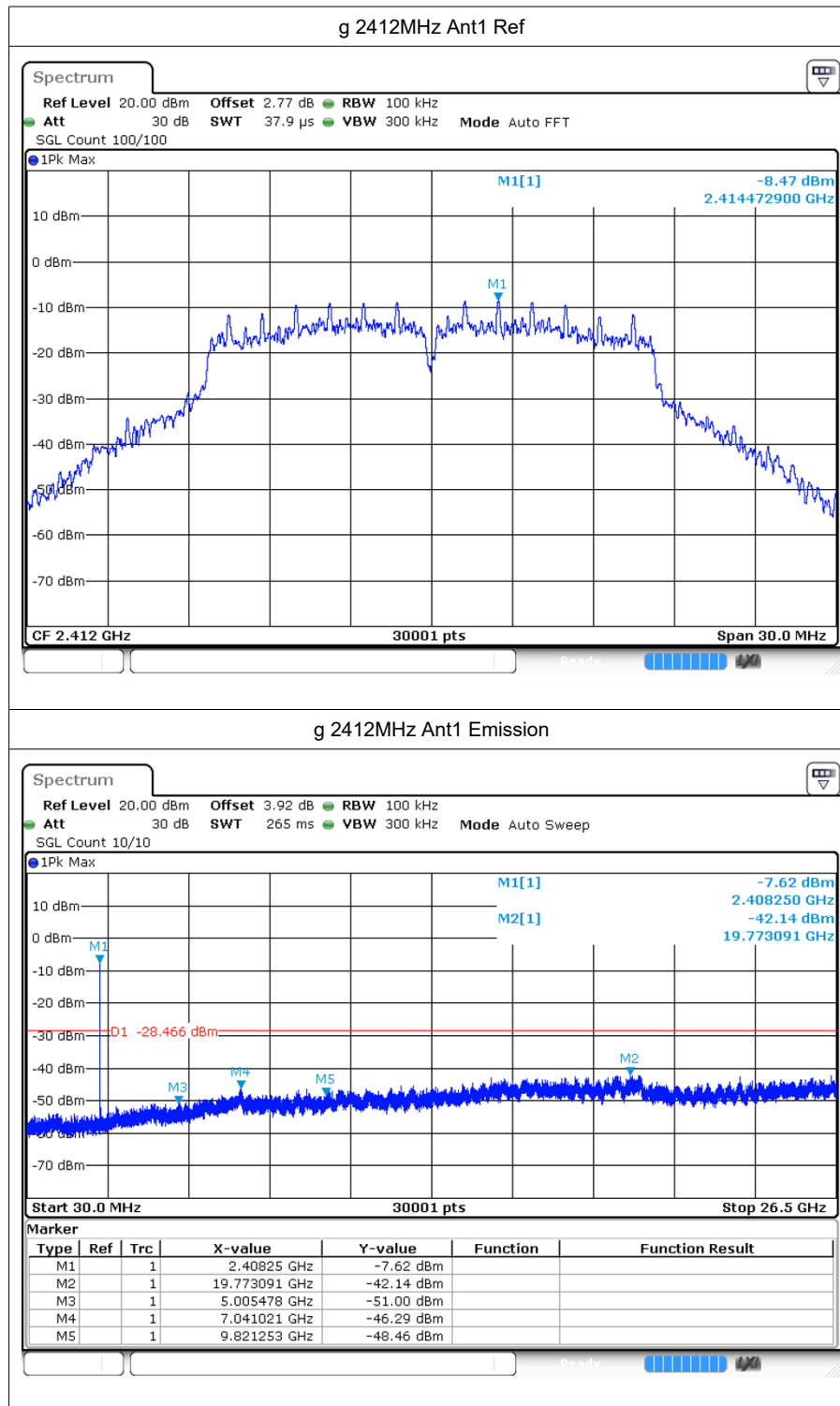
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-34.72	-20	Pass
b	2437	Ant1	-35.15	-20	Pass
b	2462	Ant1	-35.28	-20	Pass
g	2412	Ant1	-33.67	-20	Pass
g	2437	Ant1	-31.99	-20	Pass
g	2462	Ant1	-32.63	-20	Pass
n20	2412	Ant1	-32.44	-20	Pass
n20	2437	Ant1	-32.59	-20	Pass
n20	2462	Ant1	-31.93	-20	Pass

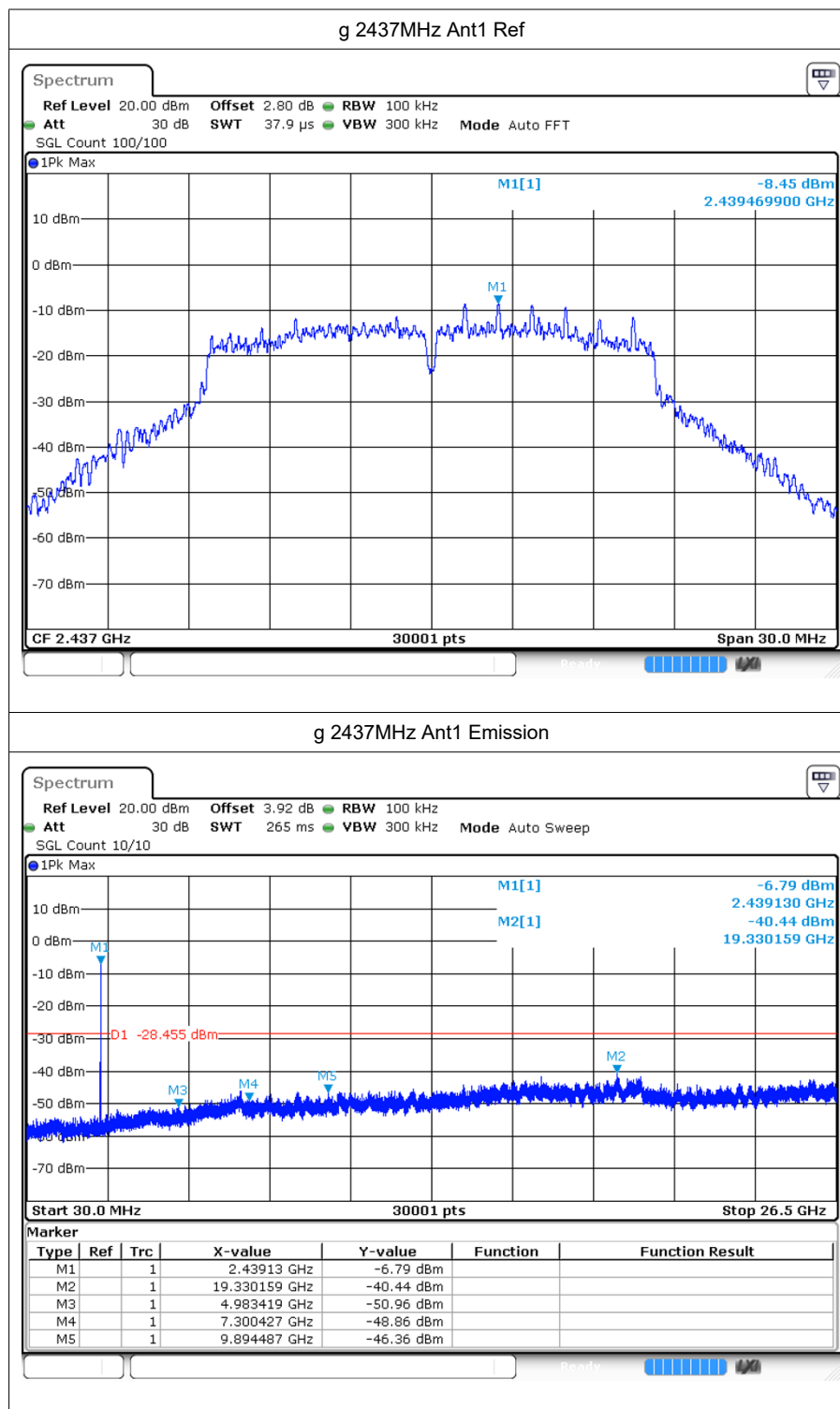
6.2 Test Graphs

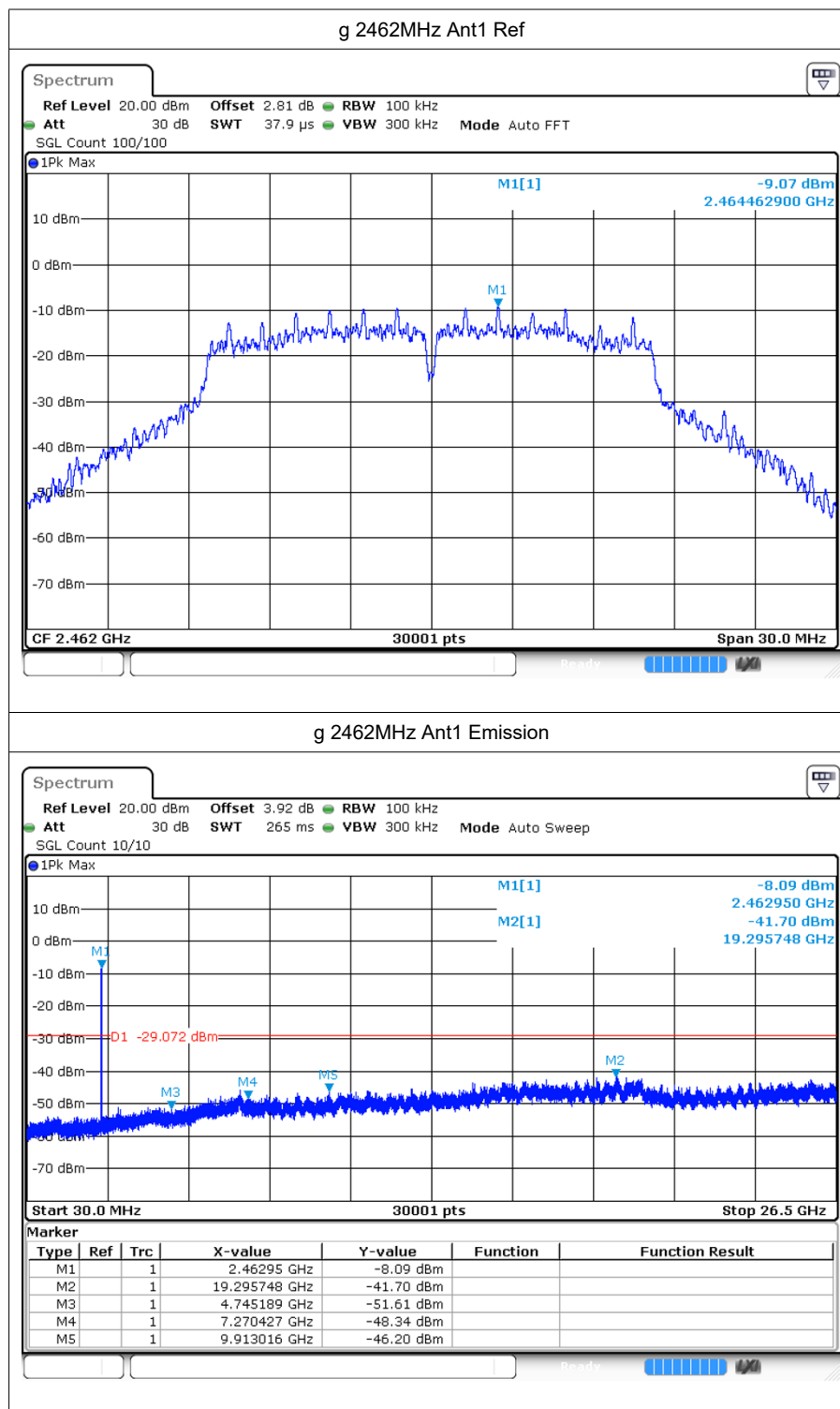


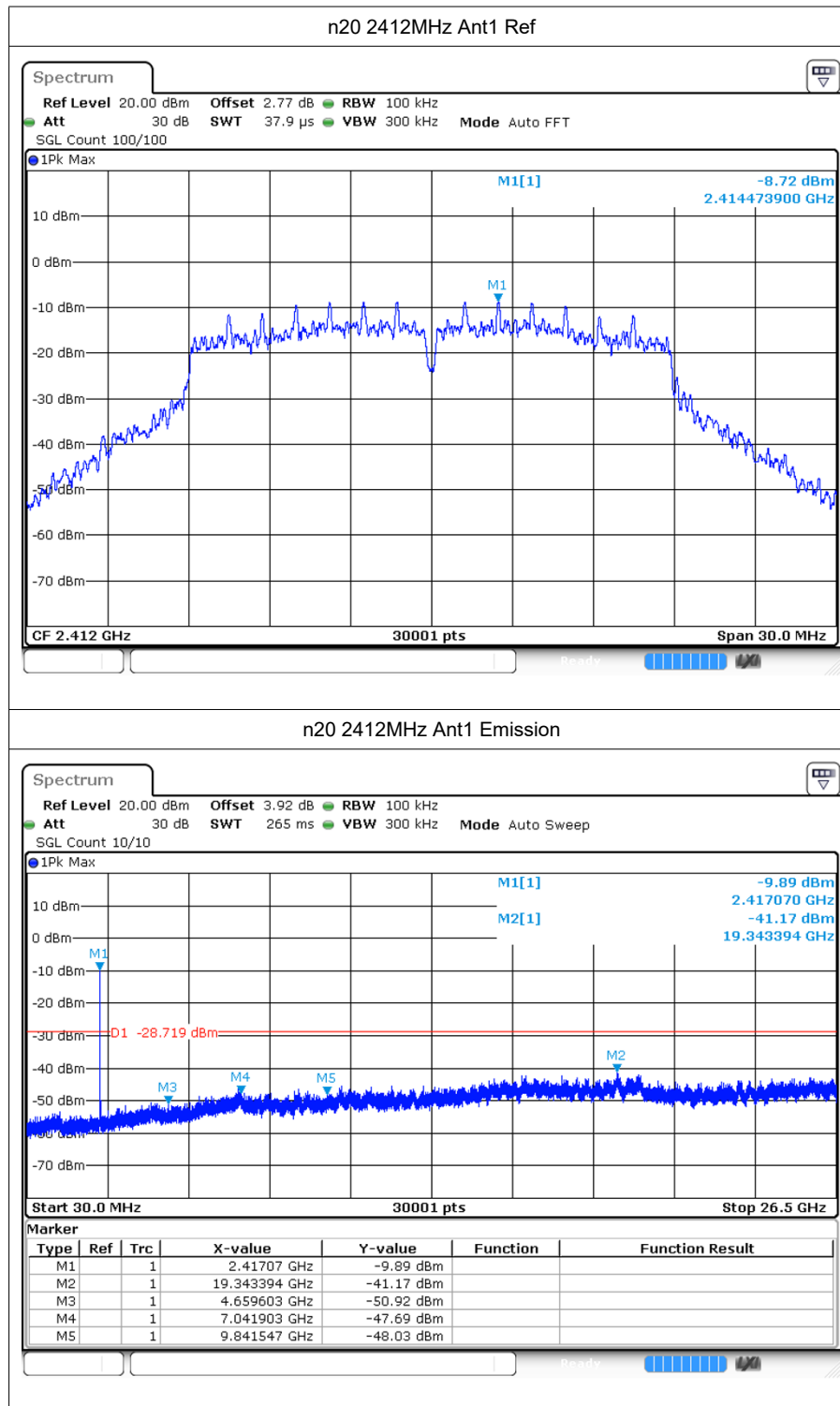


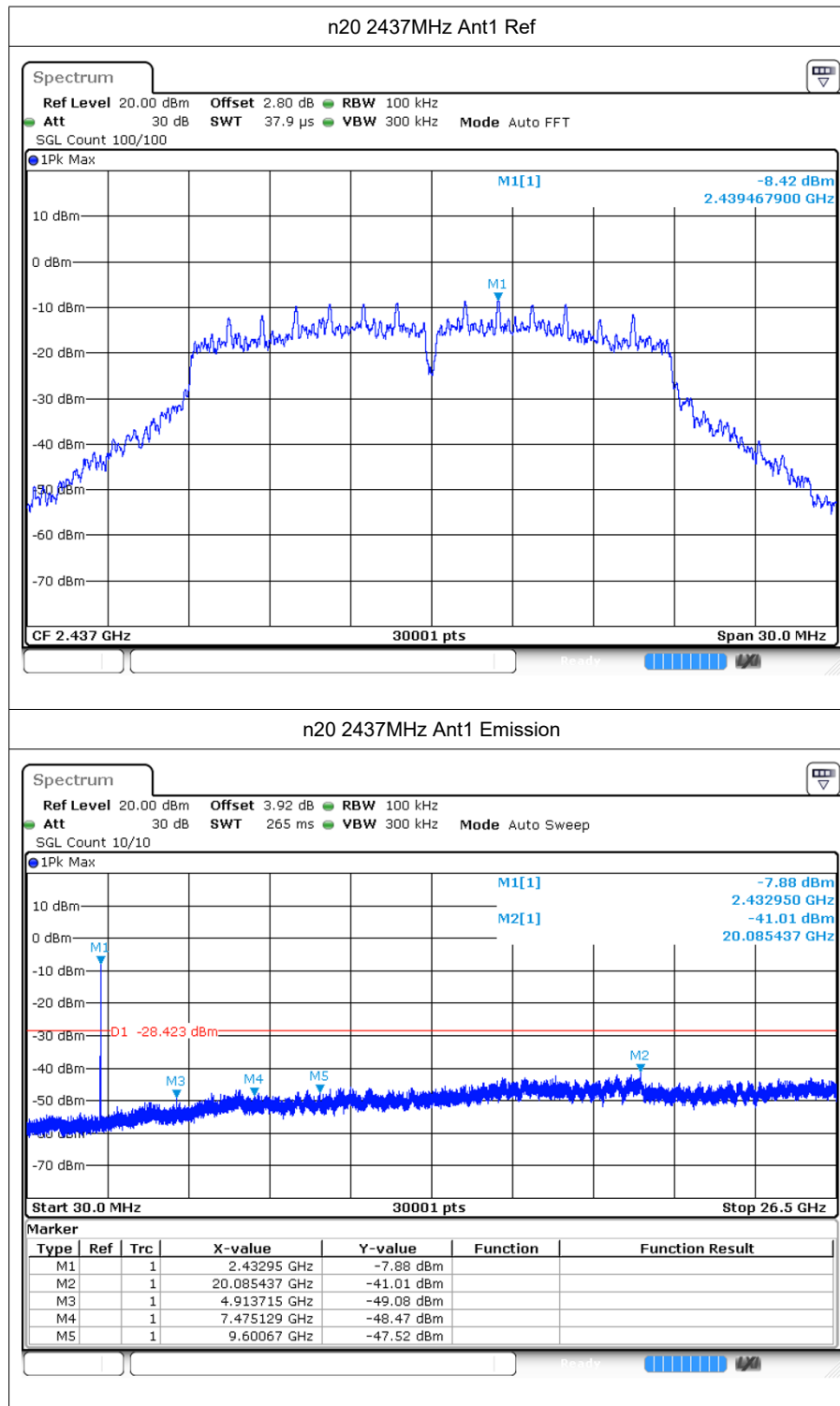


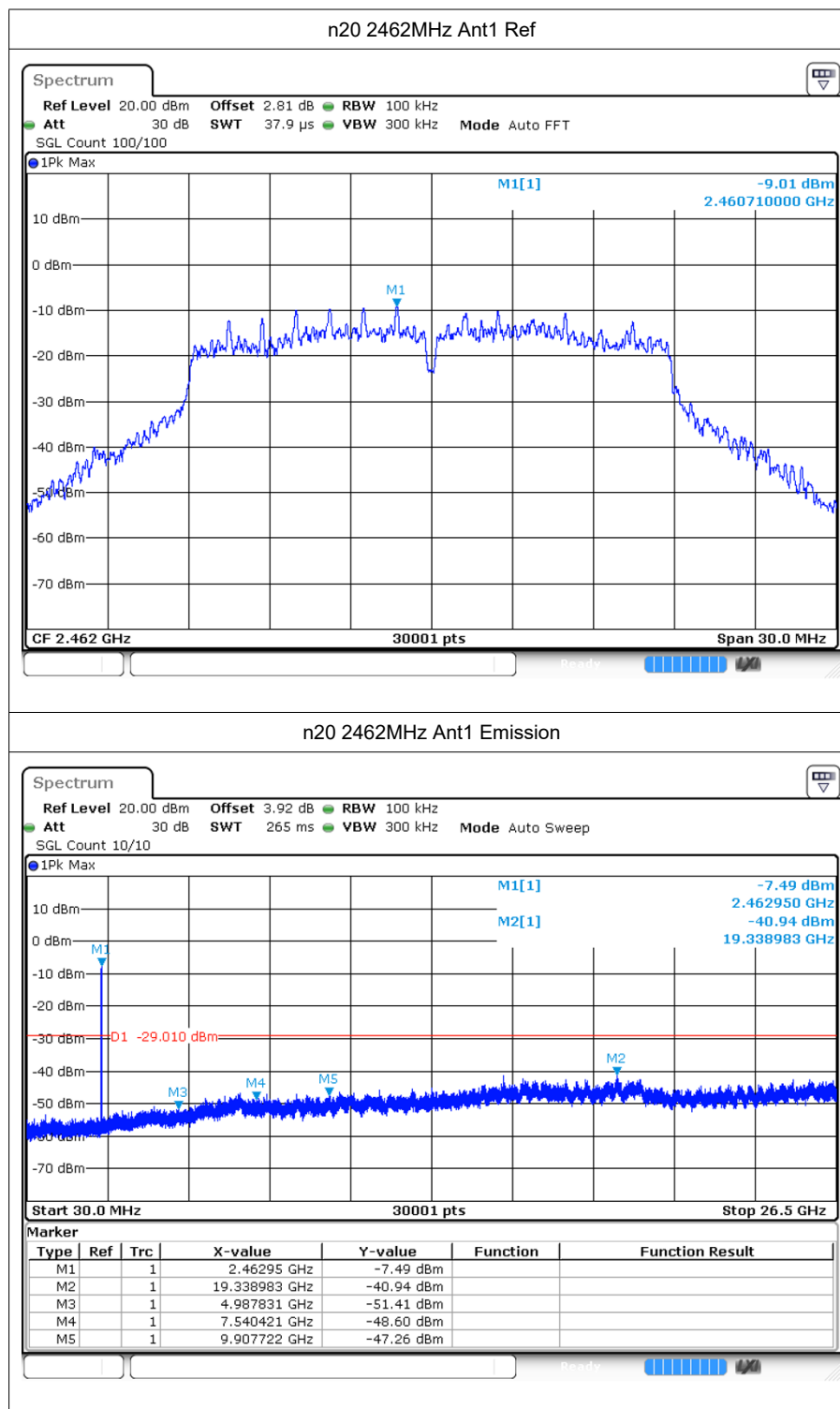












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