



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: seesky clarus

Trade Mark: Seesky Clarus

Test Model: sky one

Environmental Conditions

Temperature:	24.9° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya Lin
Supervised by:	Simba Huang



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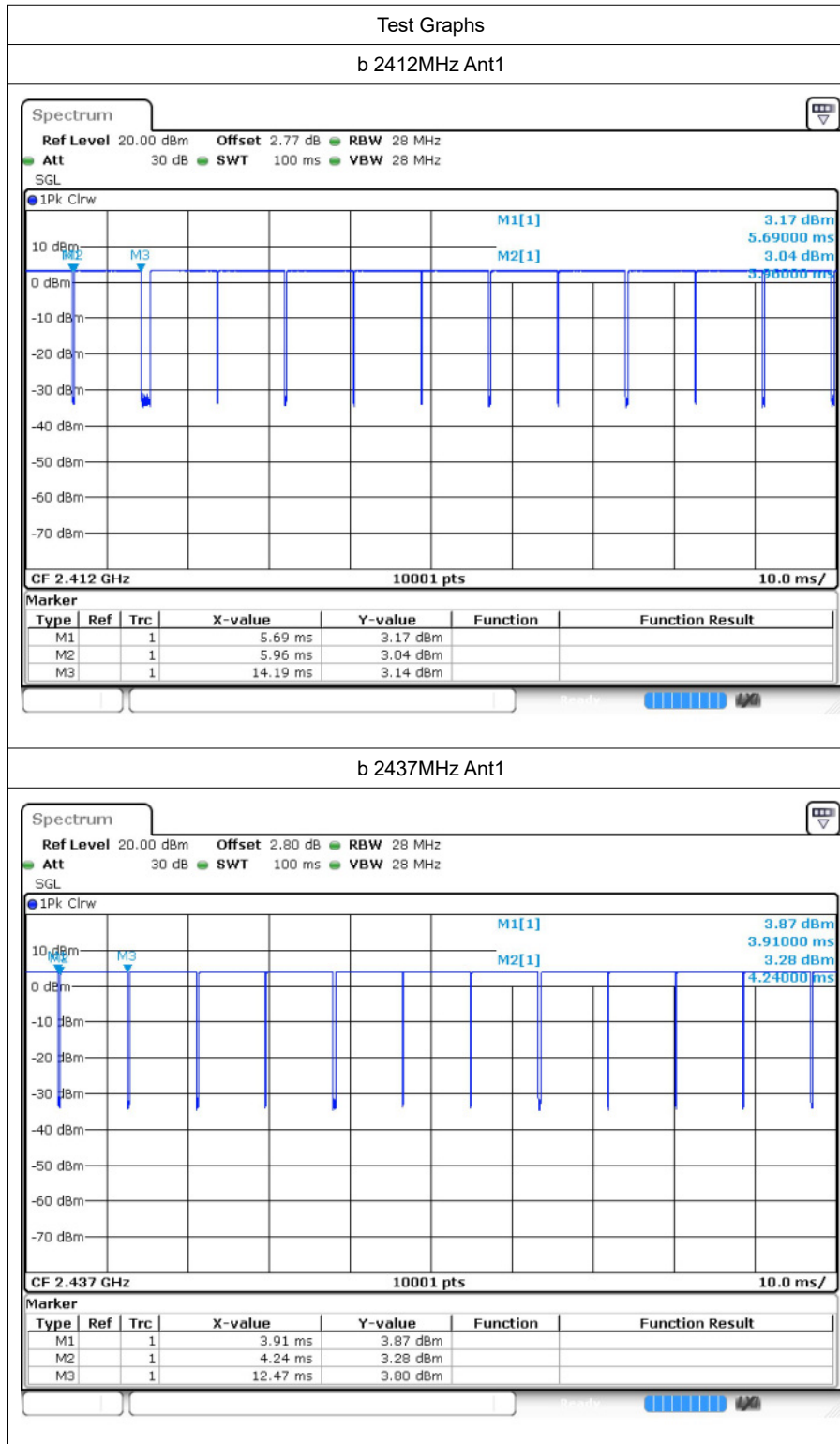


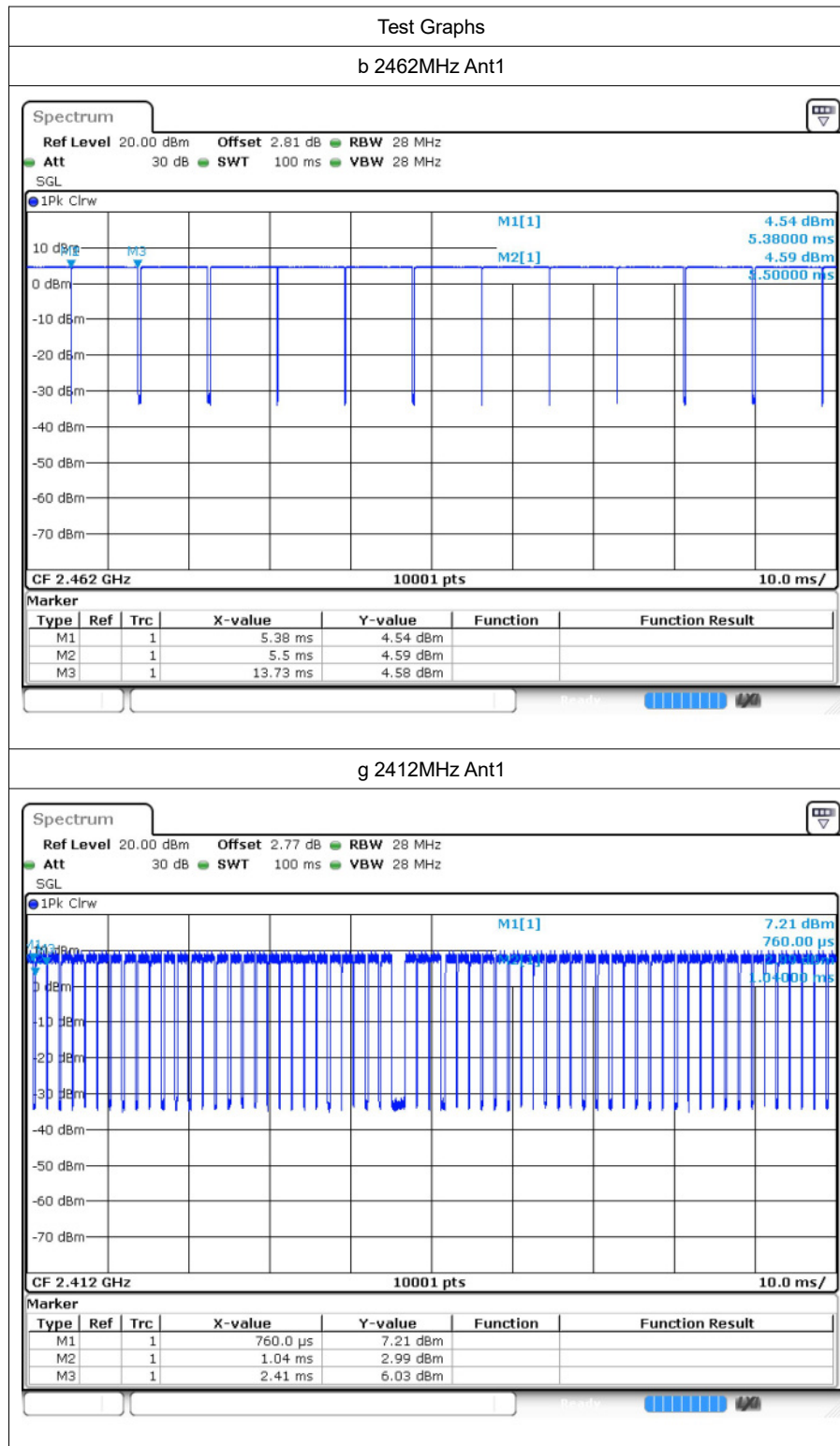
1 Duty Cycle

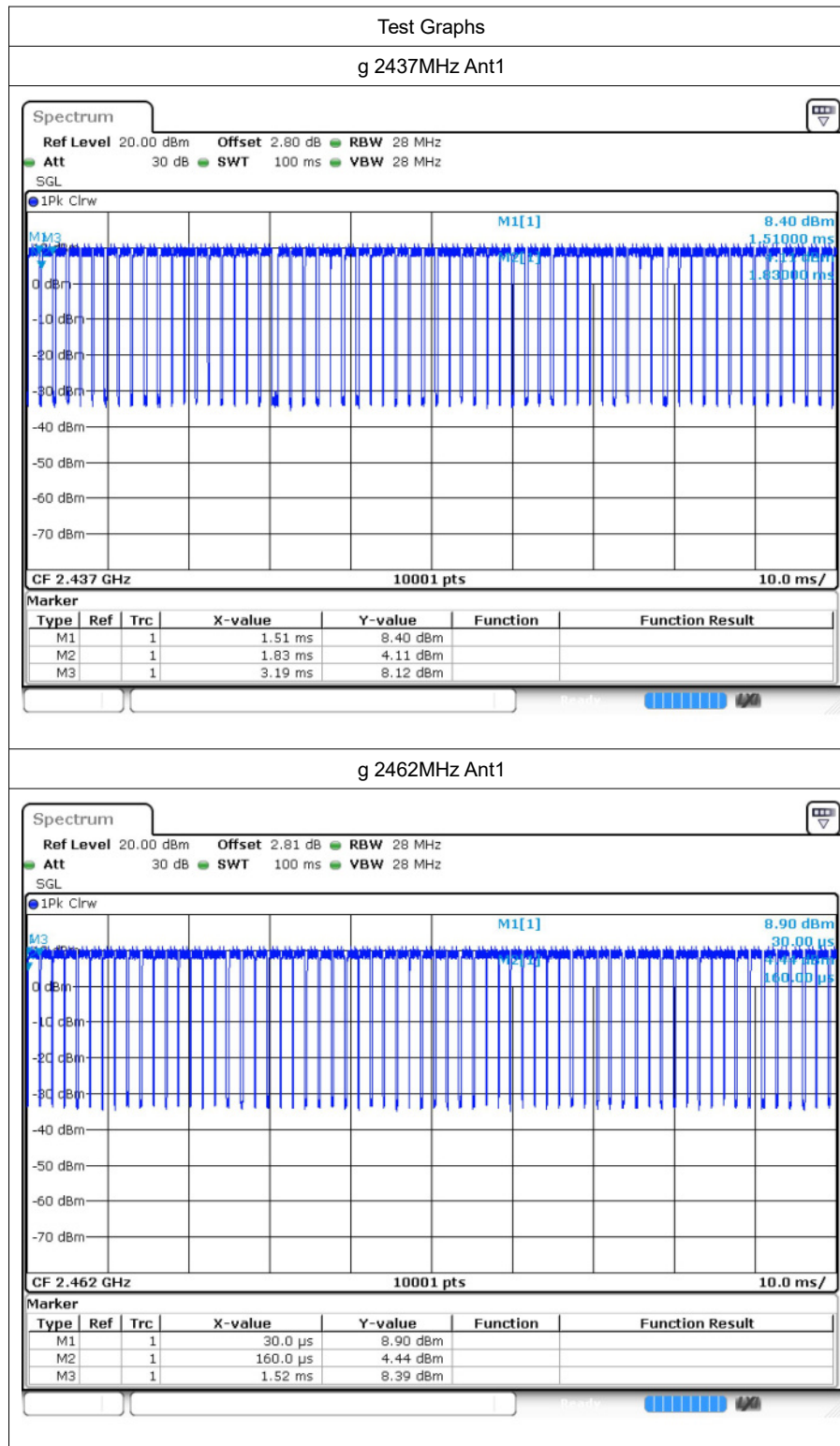
1.1 Test Result

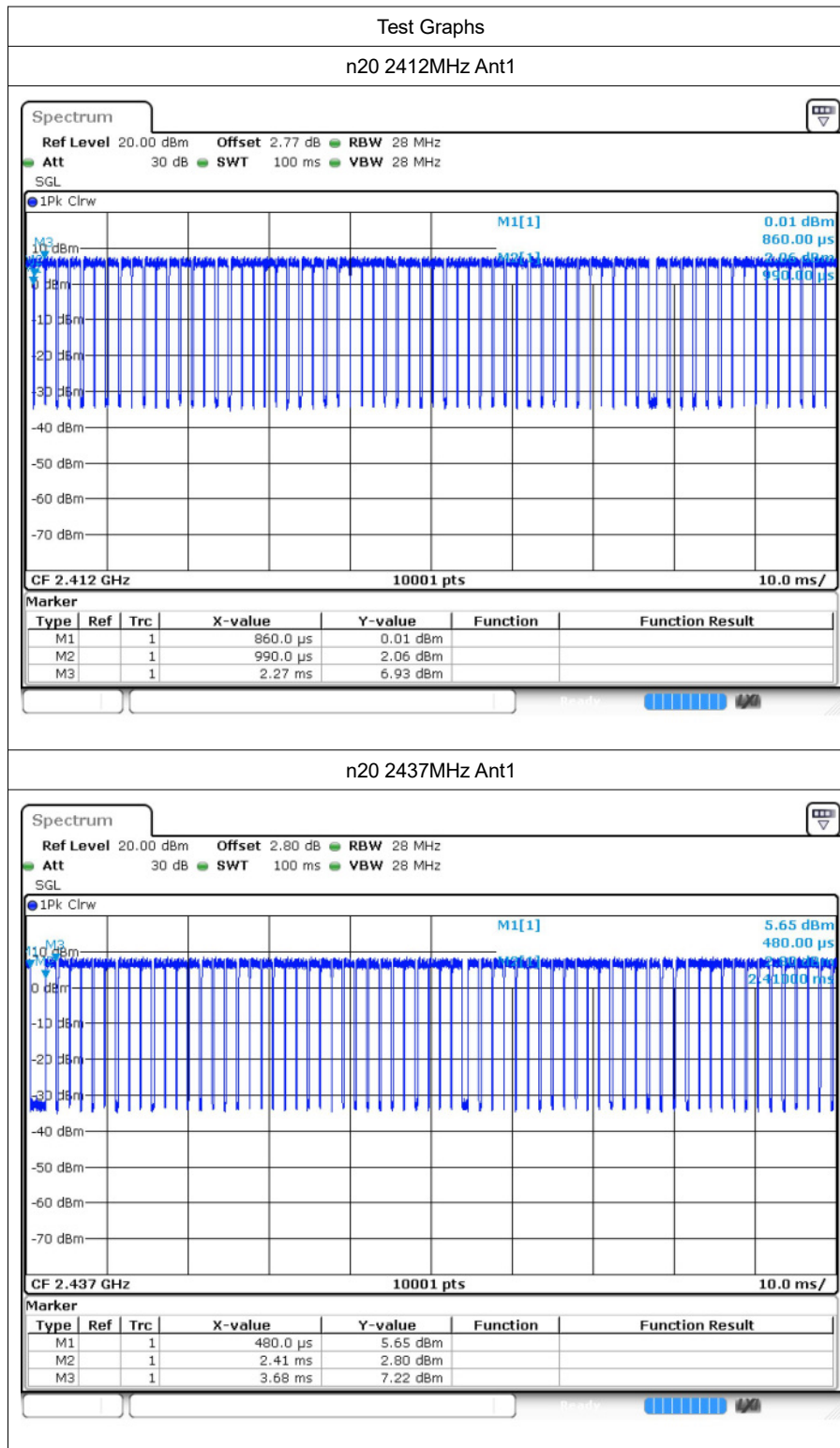
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor	1/T (kHz)
b	2412	Ant1	96.56	0.15	0.12
b	2437	Ant1	97.39	0.11	0.12
b	2462	Ant1	97.63	0.1	0.12
g	2412	Ant1	85.62	0.67	0.73
g	2437	Ant1	85.59	0.68	0.74
g	2462	Ant1	87.4	0.58	0.74
n20	2412	Ant1	85.72	0.67	0.78
n20	2437	Ant1	84.38	0.74	0.79
n20	2462	Ant1	85.97	0.66	0.79

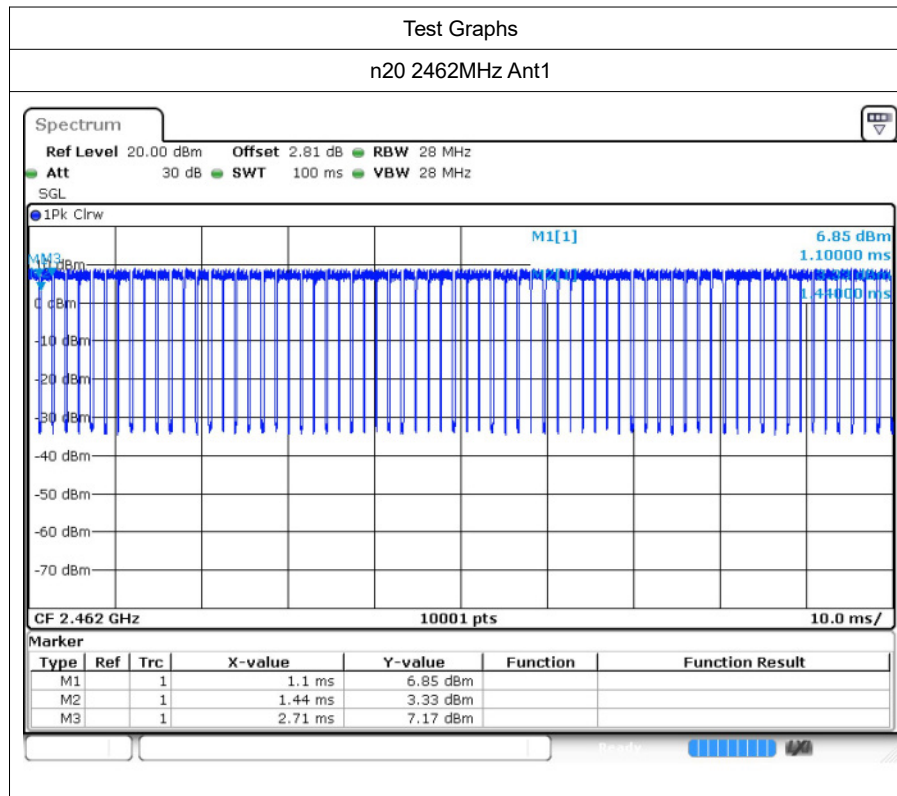
1.2 Test Graphs











2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	4.34	30	Pass
b	2437	Ant1	5	30	Pass
b	2462	Ant1	5.66	30	Pass
g	2412	Ant1	6.85	30	Pass
g	2437	Ant1	7.93	30	Pass
g	2462	Ant1	8.05	30	Pass
n20	2412	Ant1	4.76	30	Pass
n20	2437	Ant1	5.43	30	Pass
n20	2462	Ant1	6.09	30	Pass

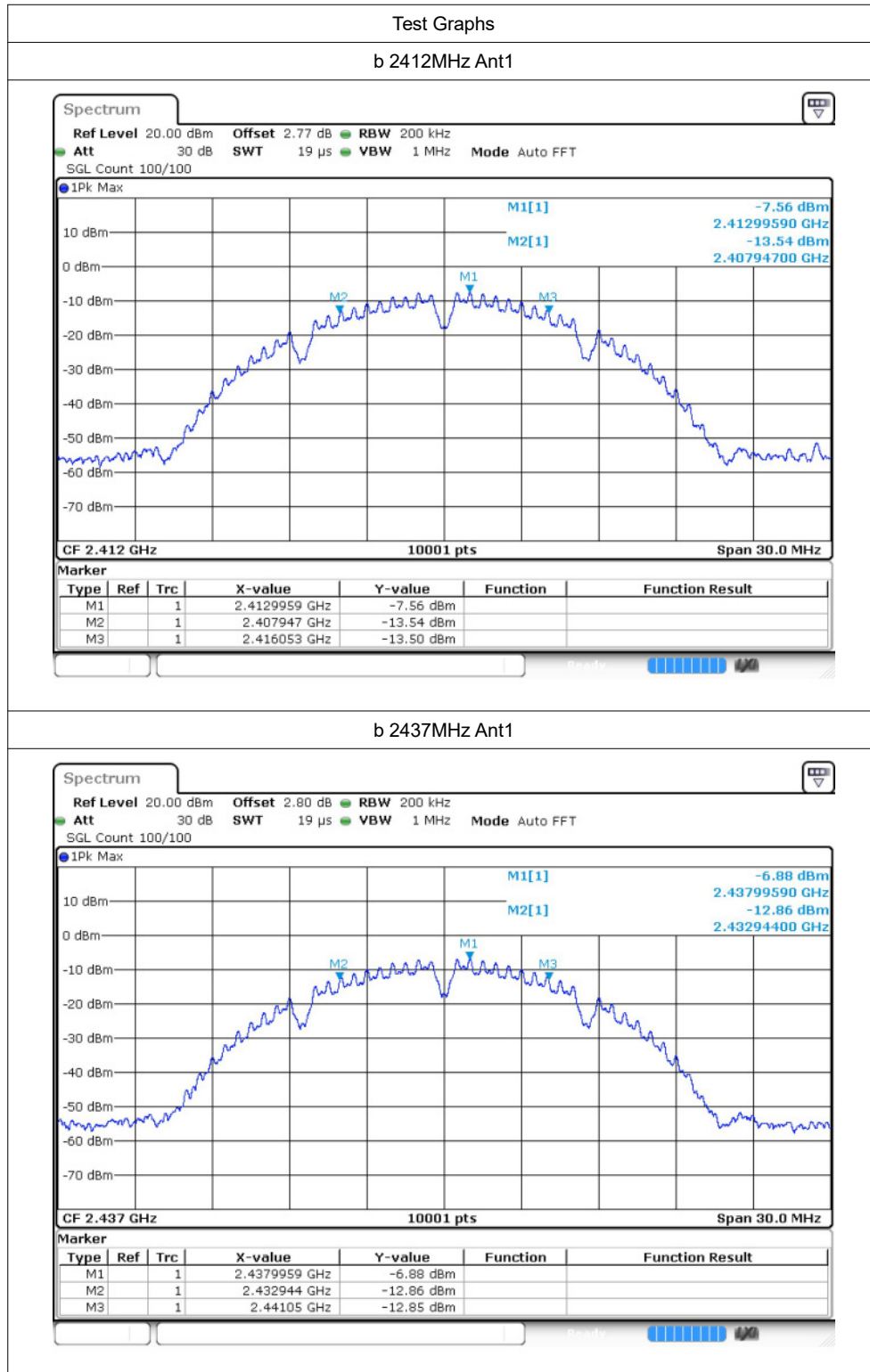


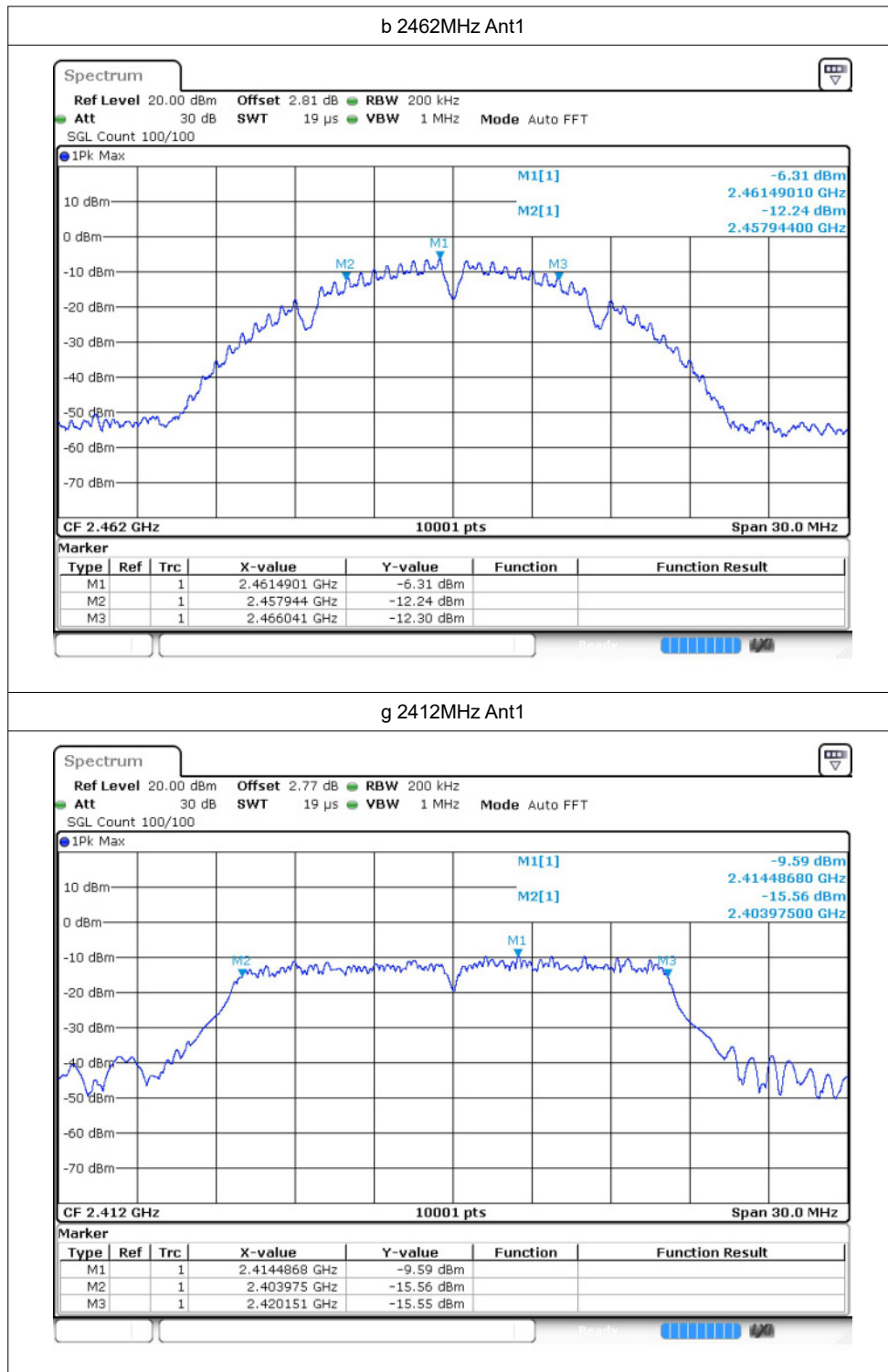
3 -6dB Bandwidth

3.1 Test Result

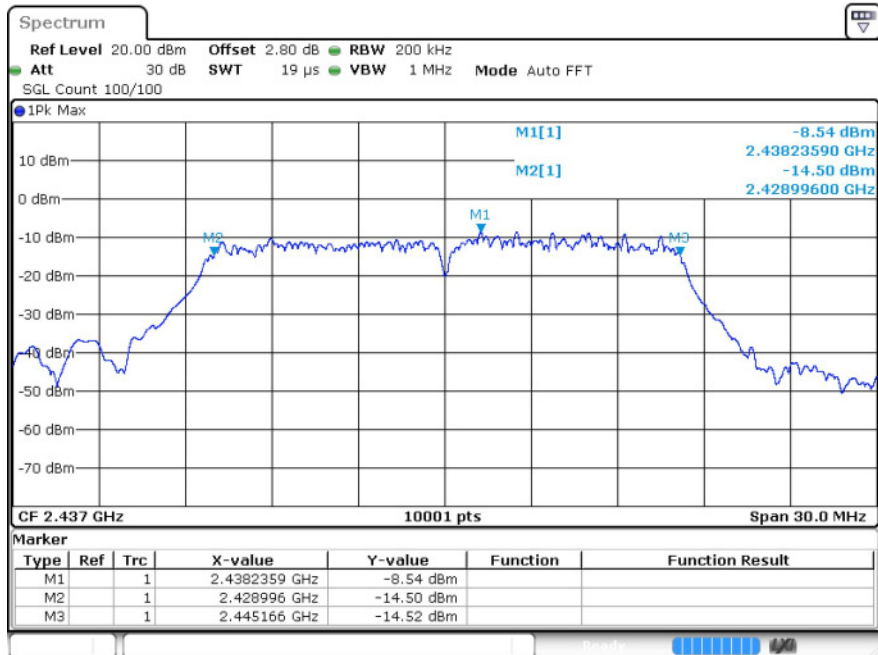
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant1	8.106	0.5	Pass
b	2437	Ant1	8.106	0.5	Pass
b	2462	Ant1	8.097	0.5	Pass
g	2412	Ant1	16.176	0.5	Pass
g	2437	Ant1	16.17	0.5	Pass
g	2462	Ant1	16.398	0.5	Pass
n20	2412	Ant1	16.461	0.5	Pass
n20	2437	Ant1	15.051	0.5	Pass
n20	2462	Ant1	16.965	0.5	Pass

3.2 Test Graphs

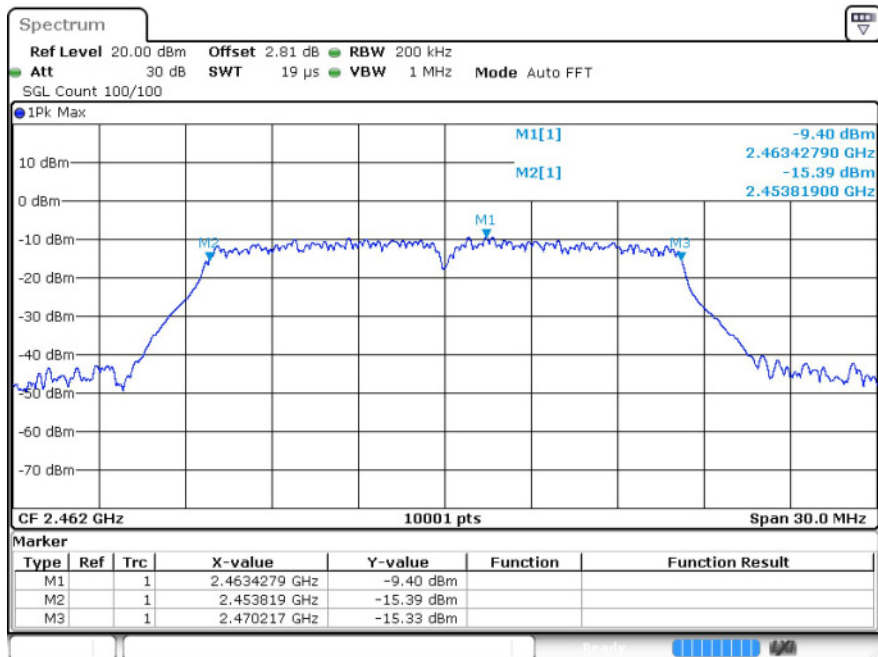


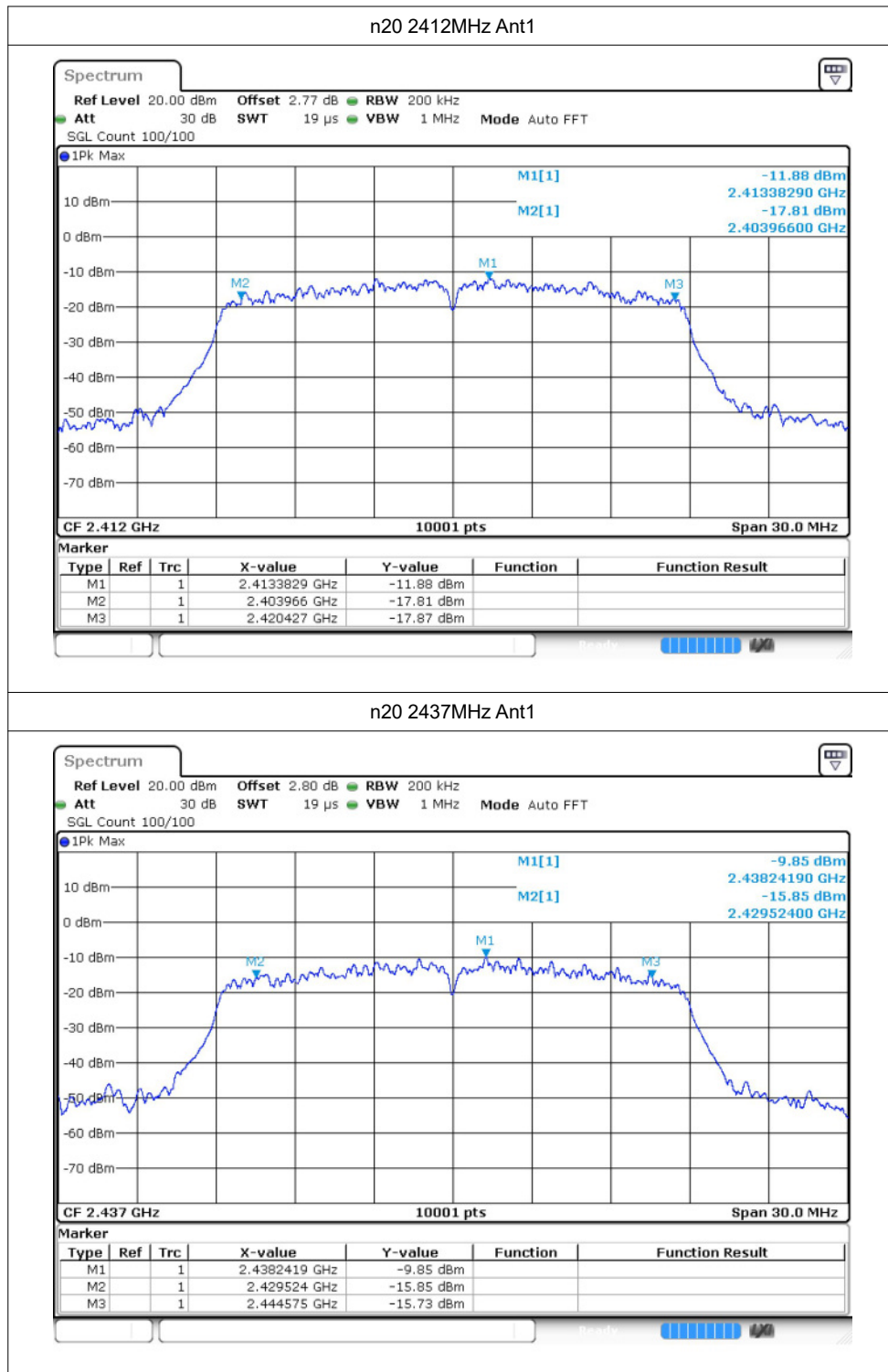


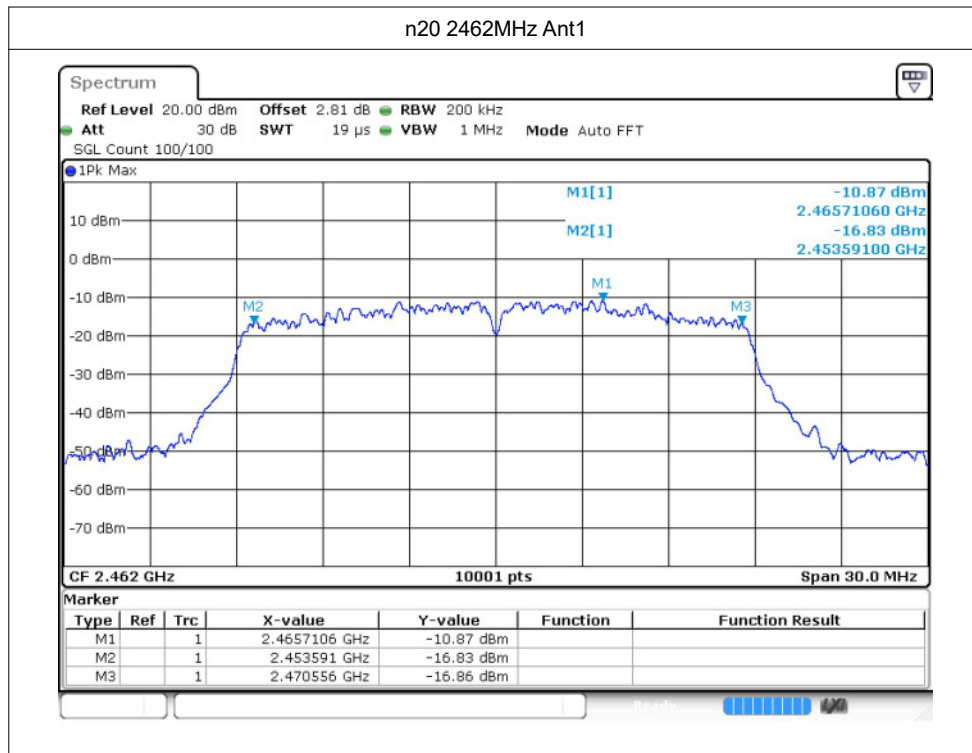
g 2437MHz Ant1



g 2462MHz Ant1





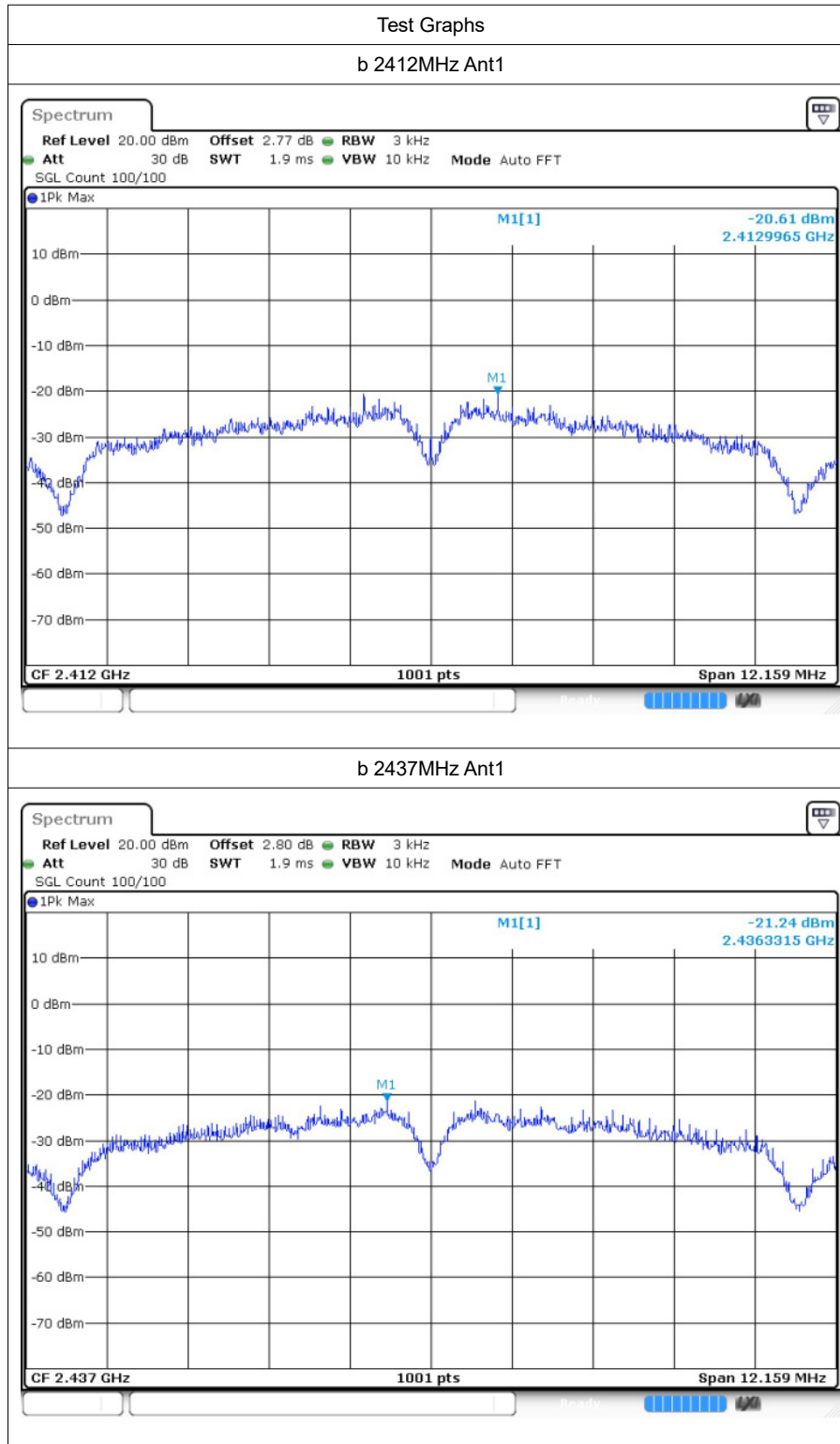


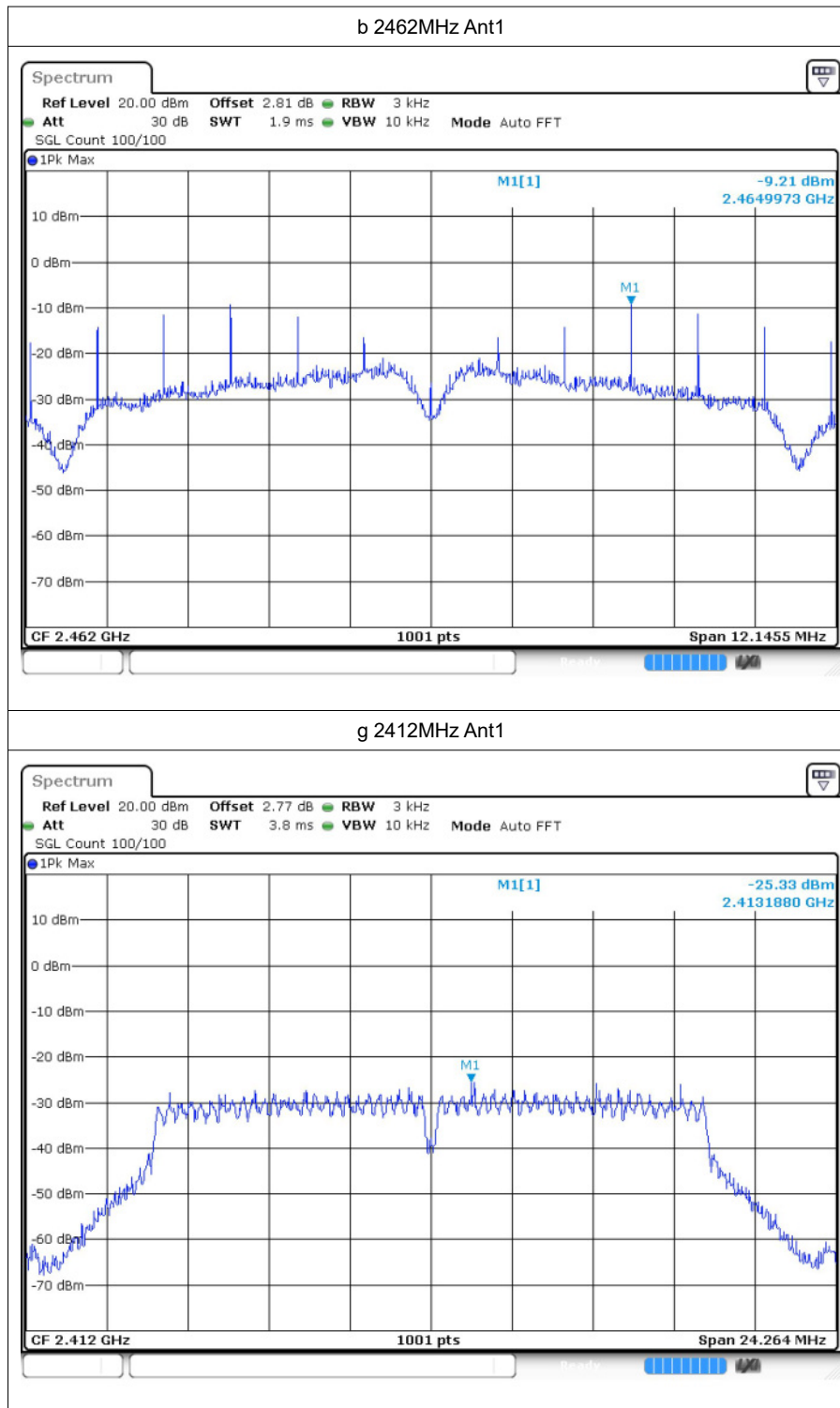
4 Maximum Power Spectral Density Level

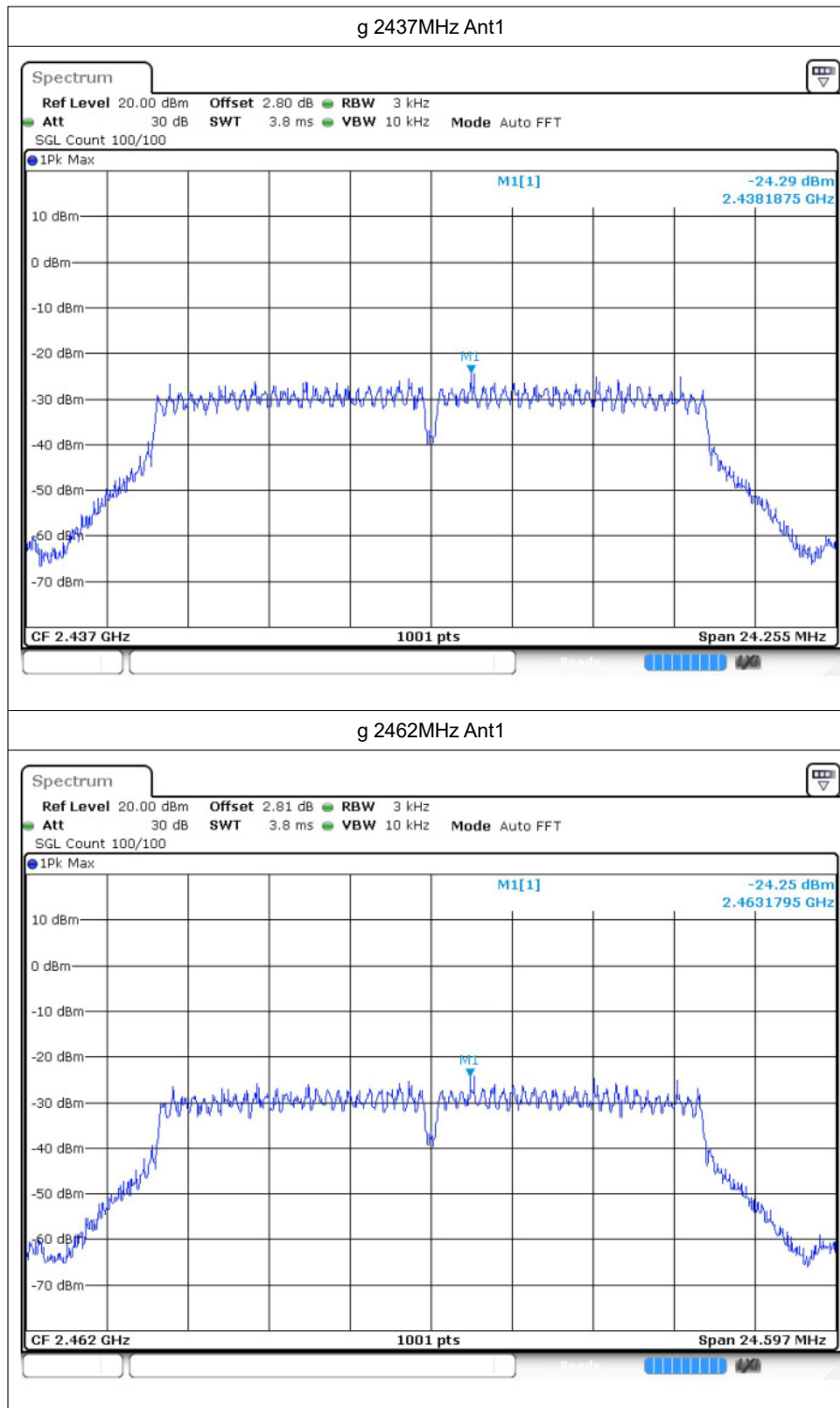
4.1 Test Result

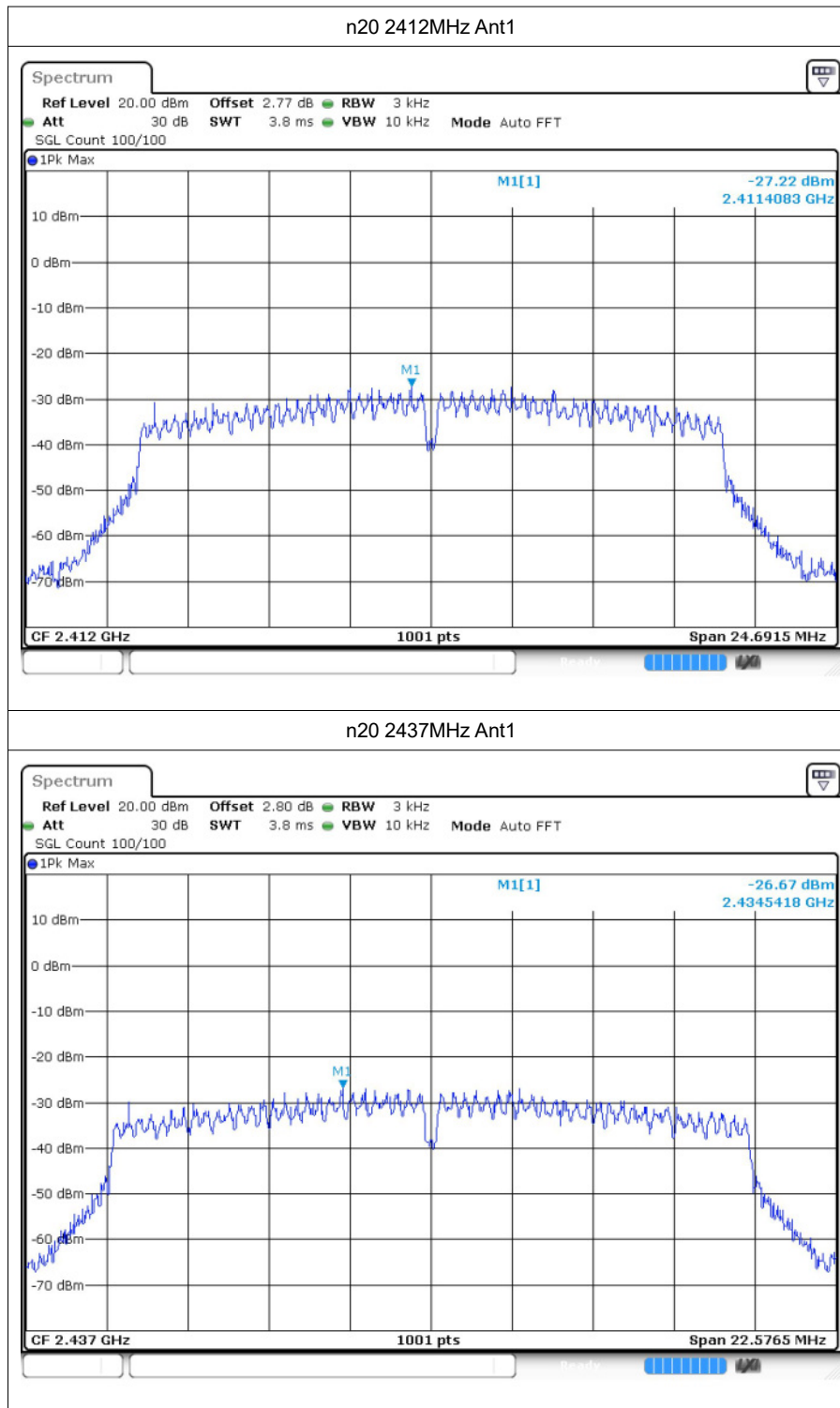
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
b	2412	Ant1	-20.61	≤8	Pass
b	2437	Ant1	-21.24	≤8	Pass
b	2462	Ant1	-9.21	≤8	Pass
g	2412	Ant1	-25.33	≤8	Pass
g	2437	Ant1	-24.29	≤8	Pass
g	2462	Ant1	-24.25	≤8	Pass
n20	2412	Ant1	-27.22	≤8	Pass
n20	2437	Ant1	-26.67	≤8	Pass
n20	2462	Ant1	-25.92	≤8	Pass

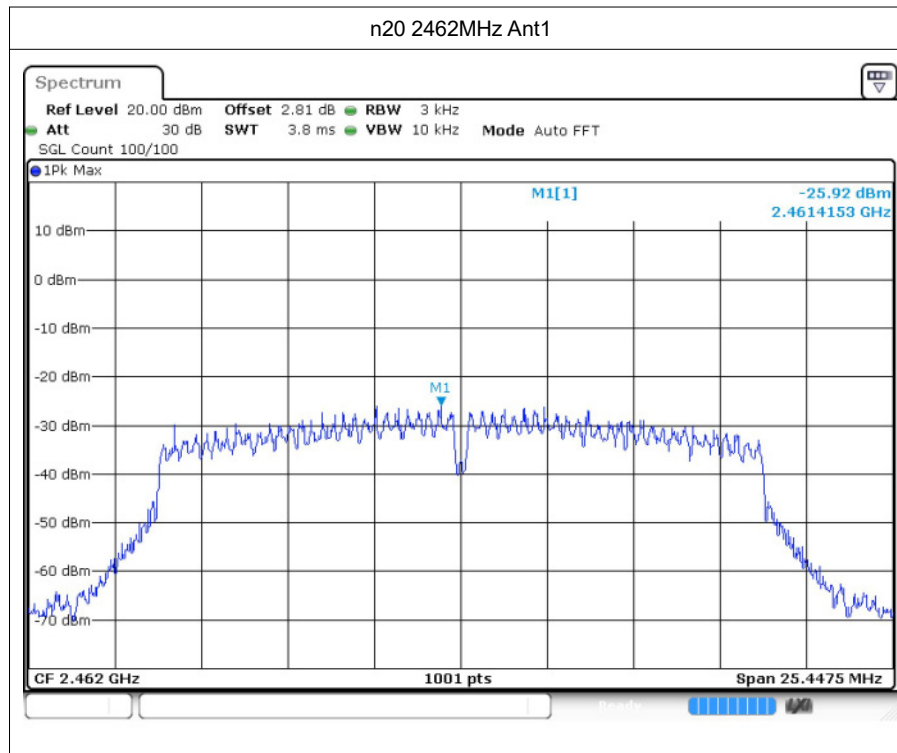
4.2 Test Graphs











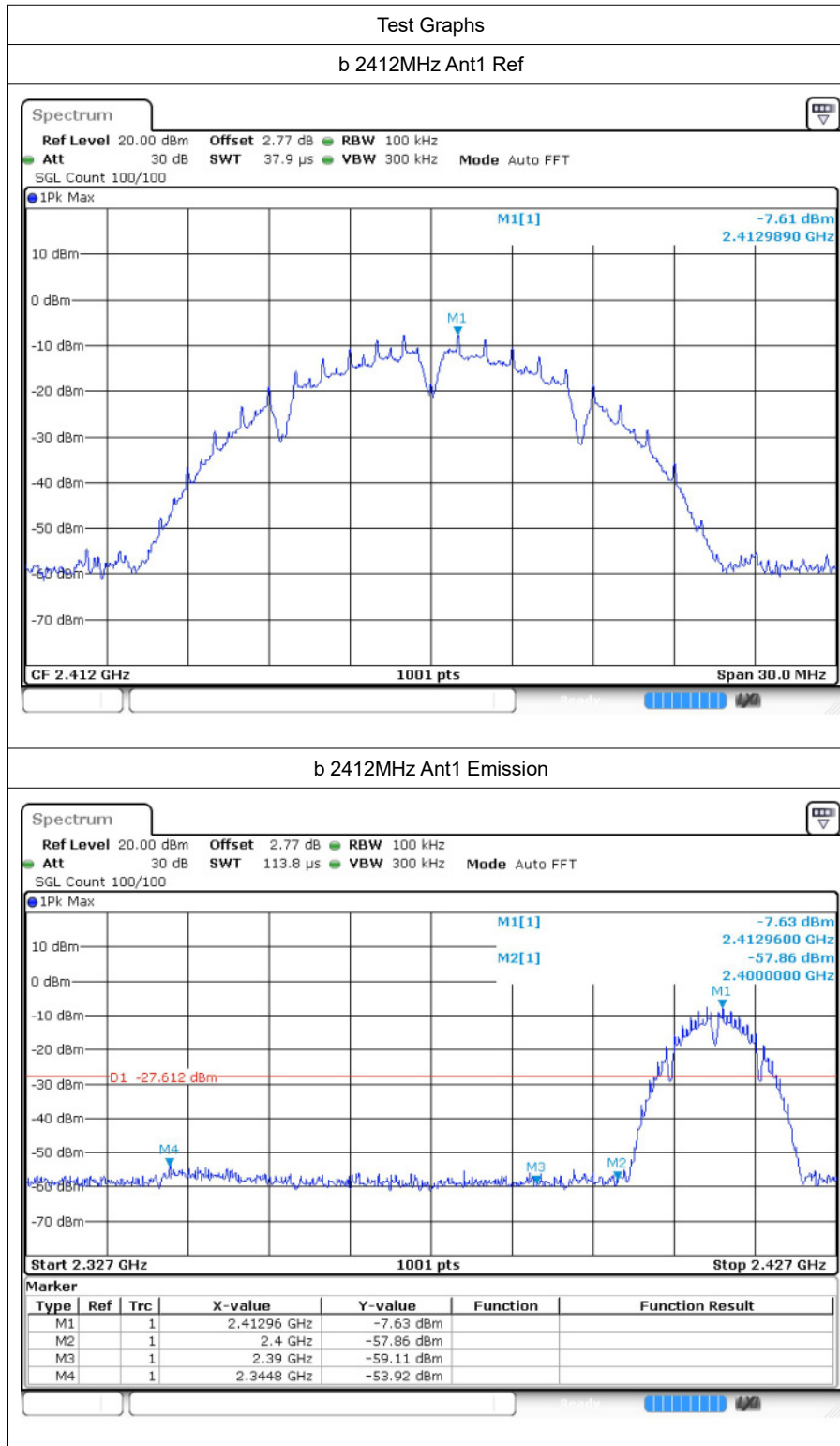


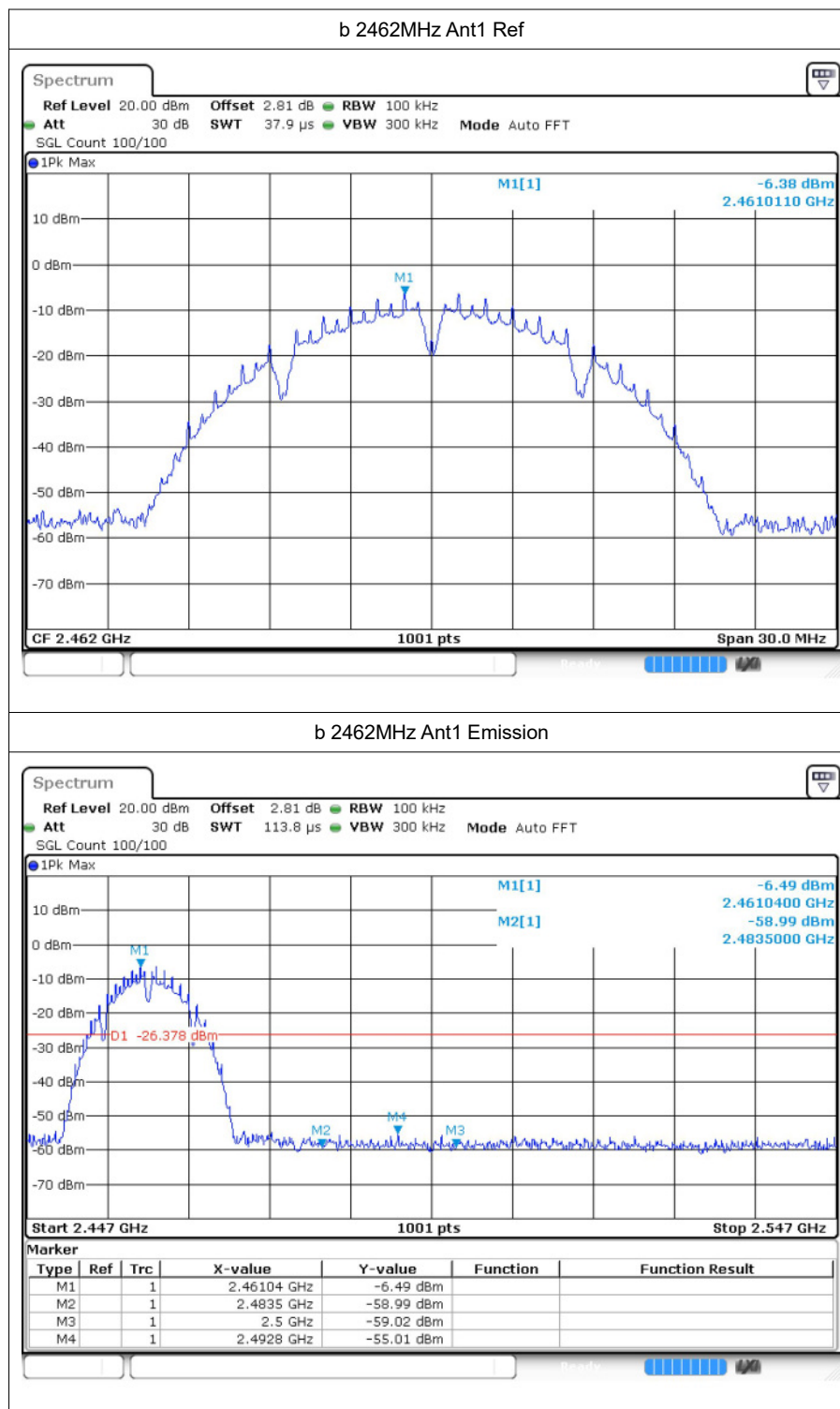
5 Band Edge

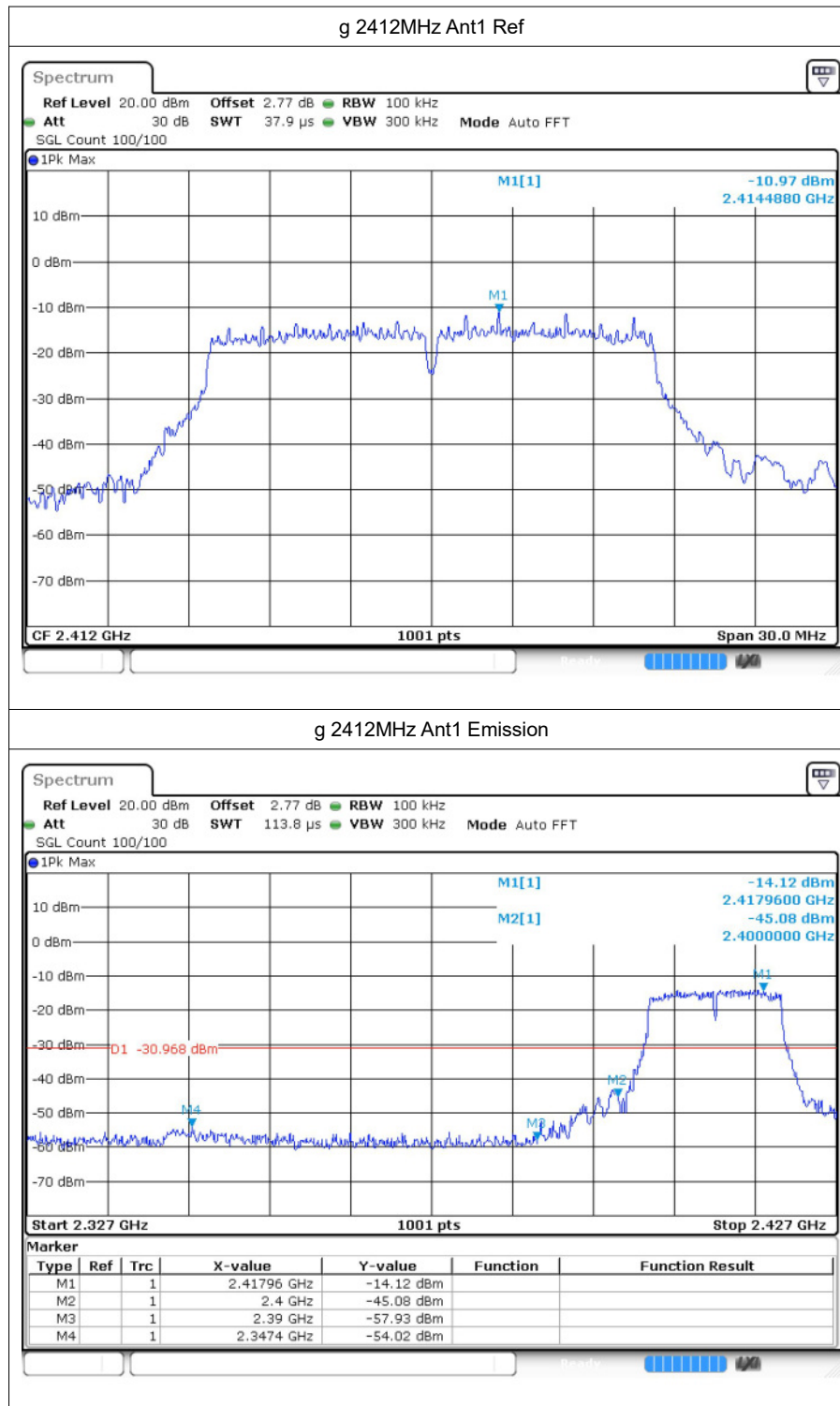
5.1 Test Result

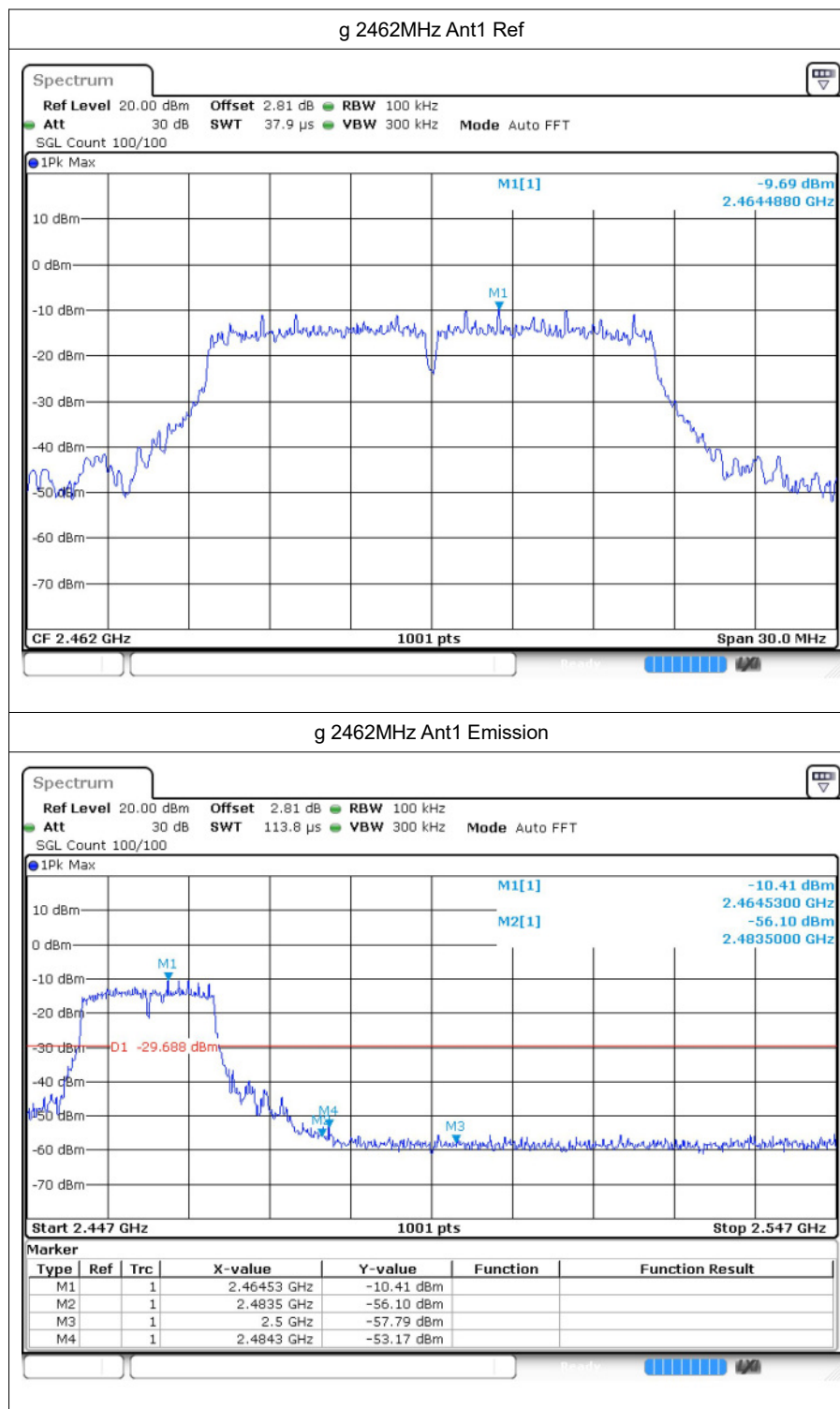
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-46.31	-20	Pass
b	2462	Ant1	-48.63	-20	Pass
g	2412	Ant1	-43.04	-20	Pass
g	2462	Ant1	-43.47	-20	Pass
n20	2412	Ant1	-39.04	-20	Pass
n20	2462	Ant1	-42.35	-20	Pass

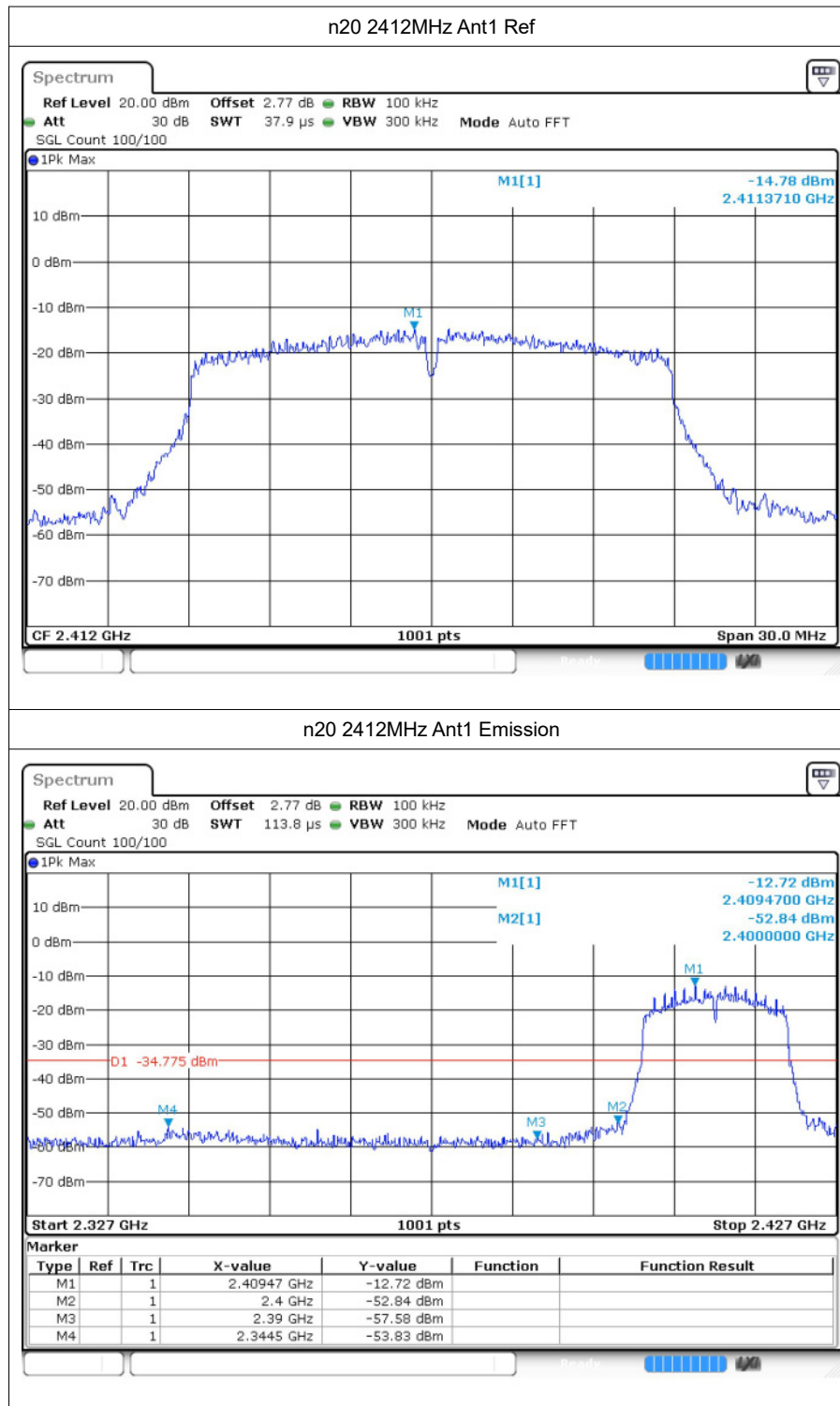
5.2 Test Graphs

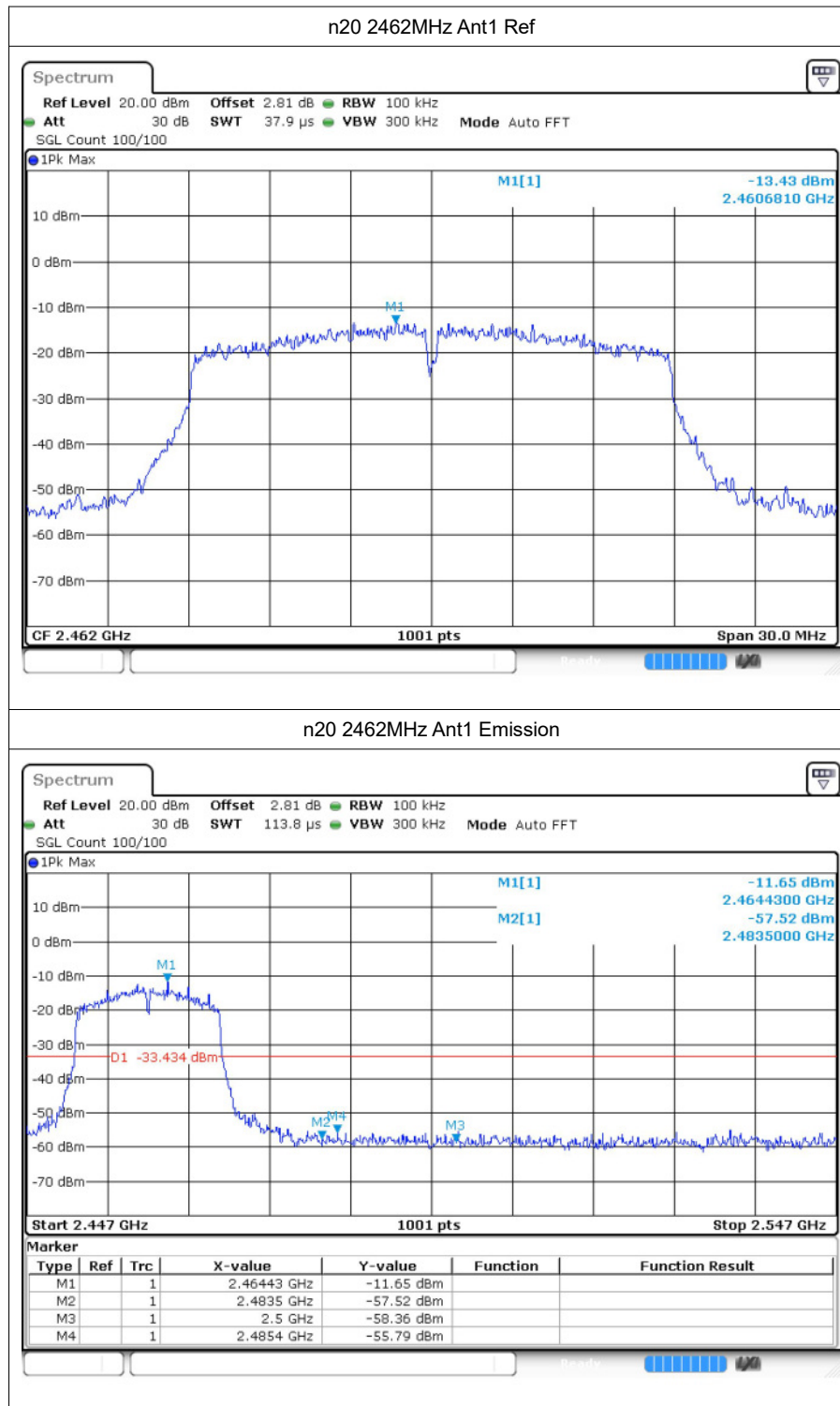














6 Conducted RF Spurious Emission

6.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-33.42	-20	Pass
b	2437	Ant1	-35.05	-20	Pass
b	2462	Ant1	-33.98	-20	Pass
g	2412	Ant1	-29.39	-20	Pass
g	2437	Ant1	-30.42	-20	Pass
g	2462	Ant1	-31.47	-20	Pass
n20	2412	Ant1	-27.57	-20	Pass
n20	2437	Ant1	-29.18	-20	Pass
n20	2462	Ant1	-31.09	-20	Pass

6.2 Test Graphs

