



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Wireless HDMI Display Dongle

Trade Mark: N/A

Test Model: G2

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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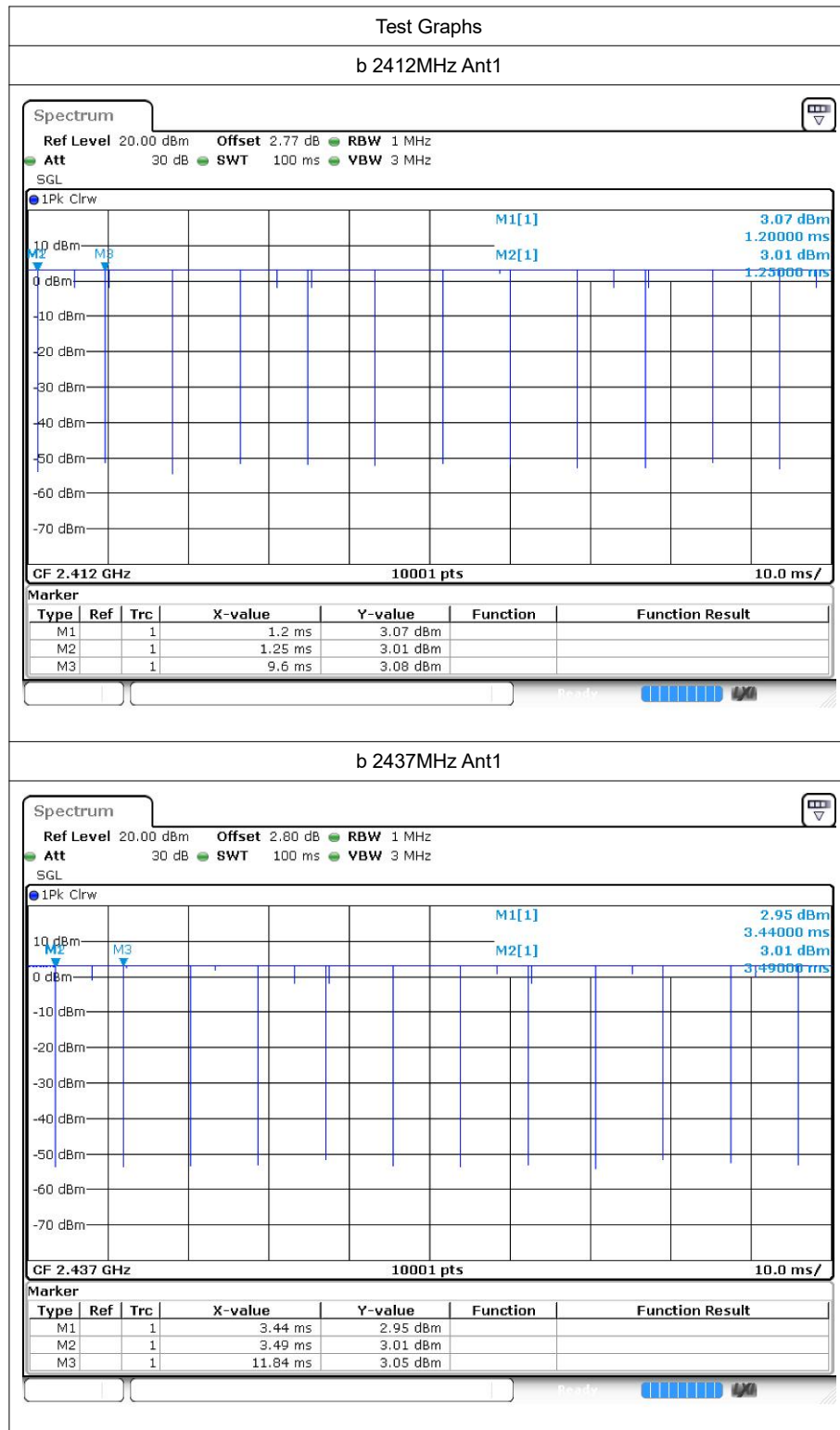
1 Duty Cycle

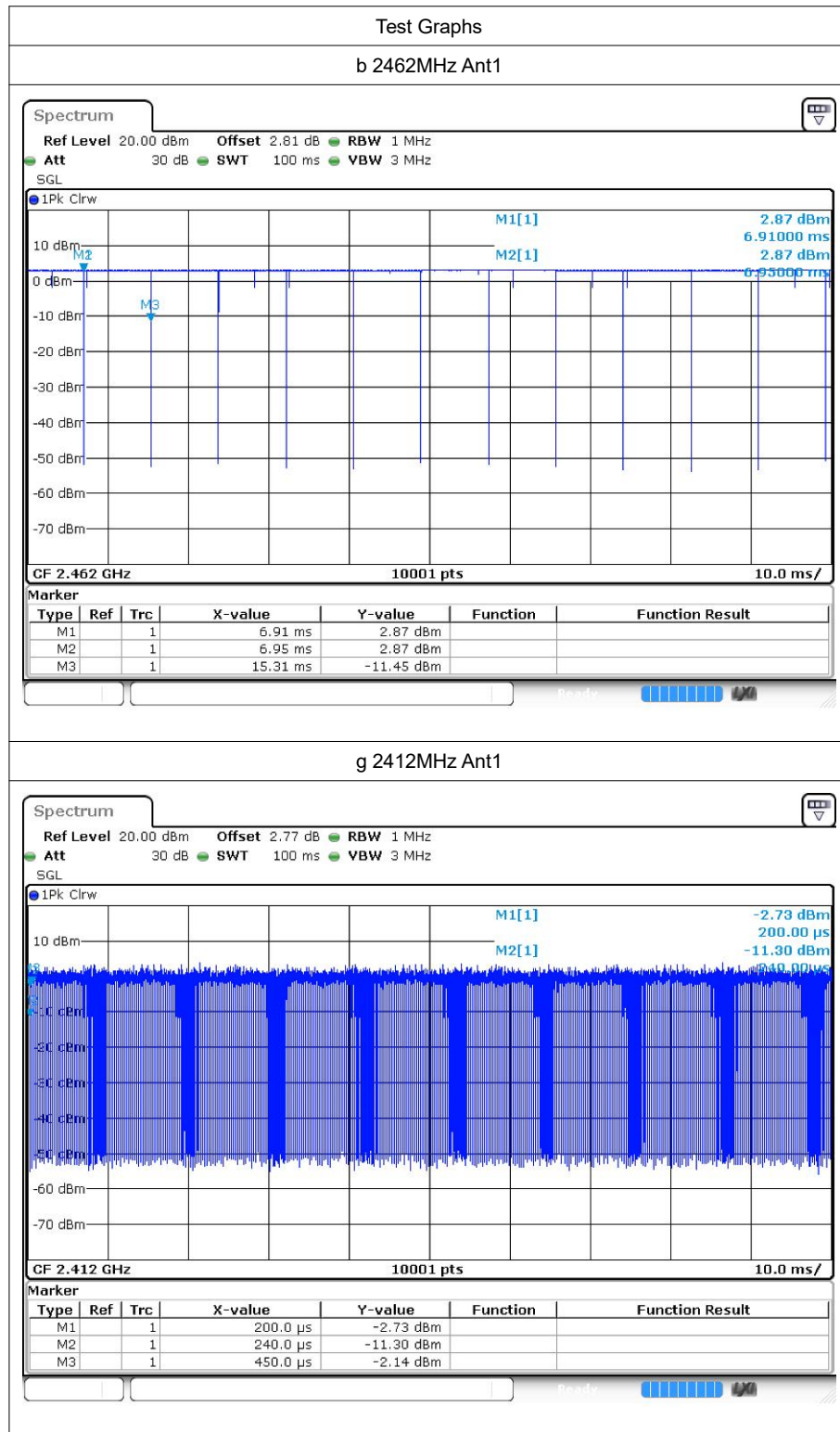
1.1 Test Result

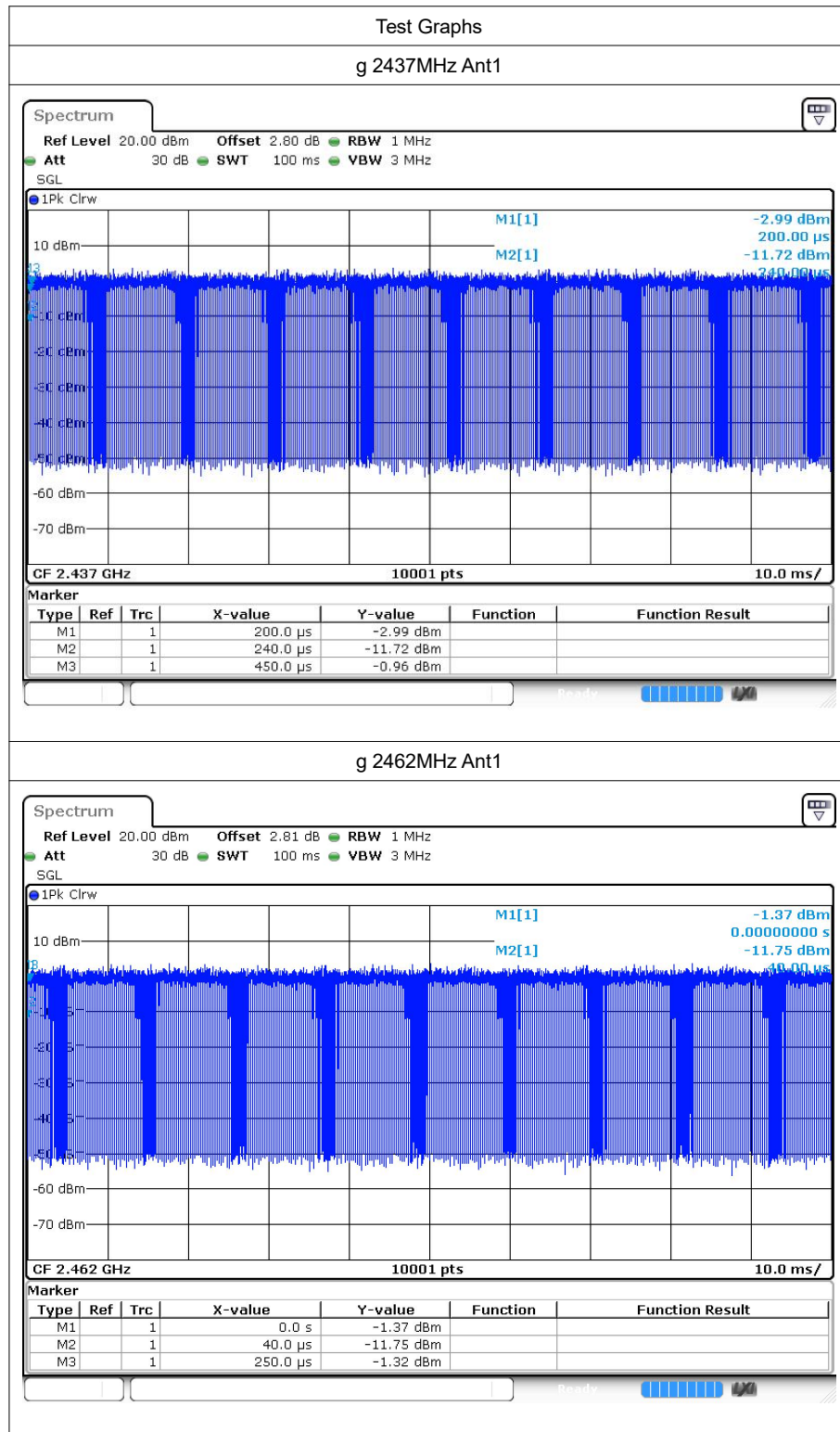
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	1/T (kHz)
b	2412	Ant1	99.59	0.12
b	2437	Ant1	99.6	0.12
b	2462	Ant1	99.62	0.12
g	2412	Ant1	86.93	4.76
g	2437	Ant1	86.95	4.76
g	2462	Ant1	87	4.76
n20	2412	Ant1	87.57	4.35
n20	2437	Ant1	87.59	4.35
n20	2462	Ant1	87.59	4.35

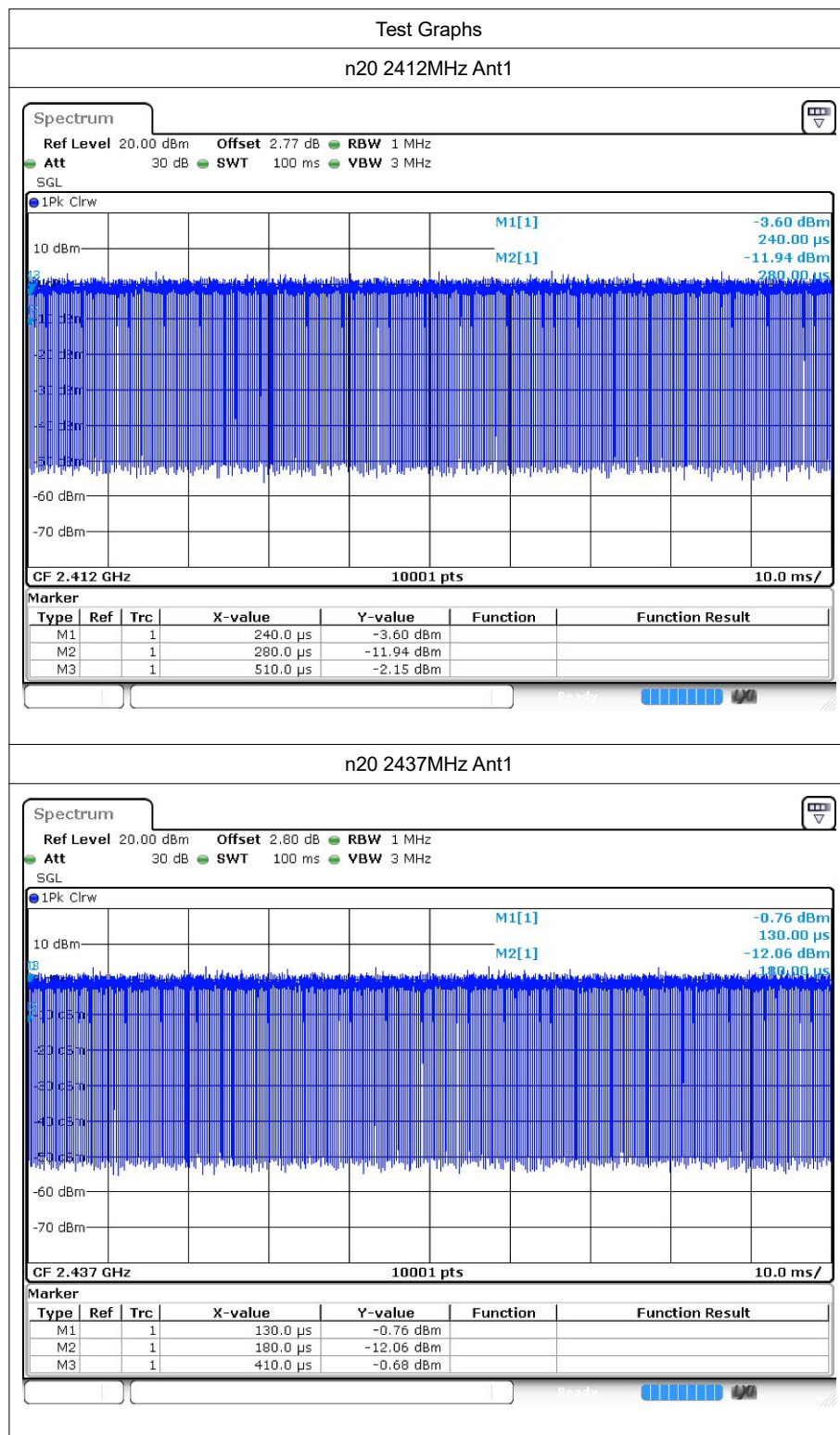


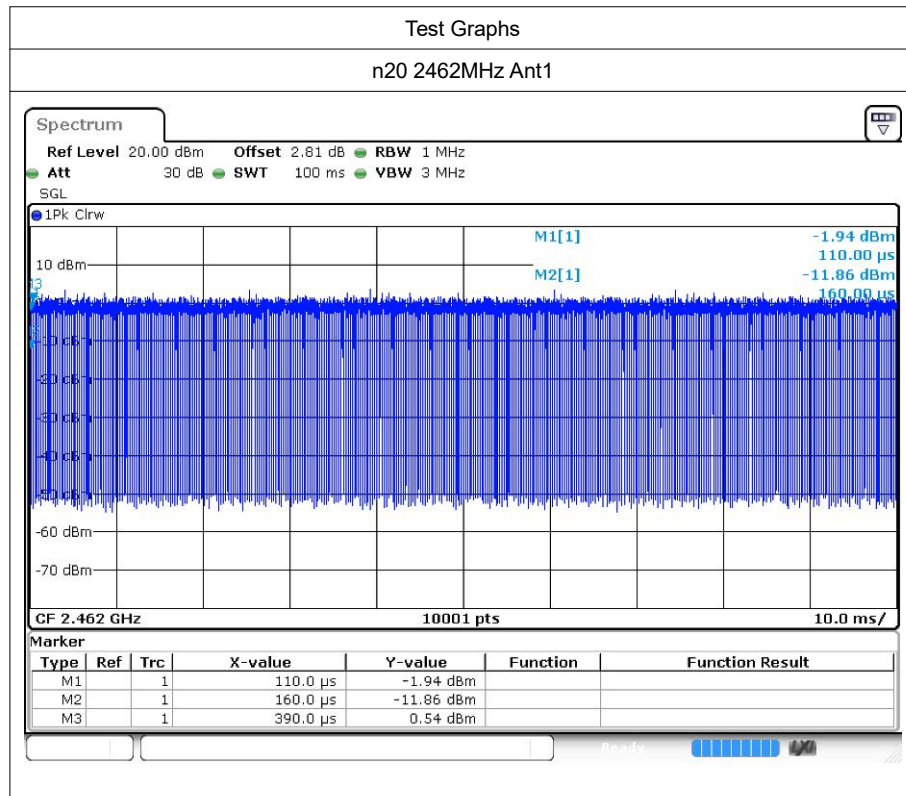
1.2 Test Graphs













2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	13.49	30	Pass
b	2437	Ant1	13.49	30	Pass
b	2462	Ant1	13.46	30	Pass
g	2412	Ant1	13.15	30	Pass
g	2437	Ant1	13.01	30	Pass
g	2462	Ant1	12.96	30	Pass
n20	2412	Ant1	12.66	30	Pass
n20	2437	Ant1	12.36	30	Pass
n20	2462	Ant1	12.41	30	Pass

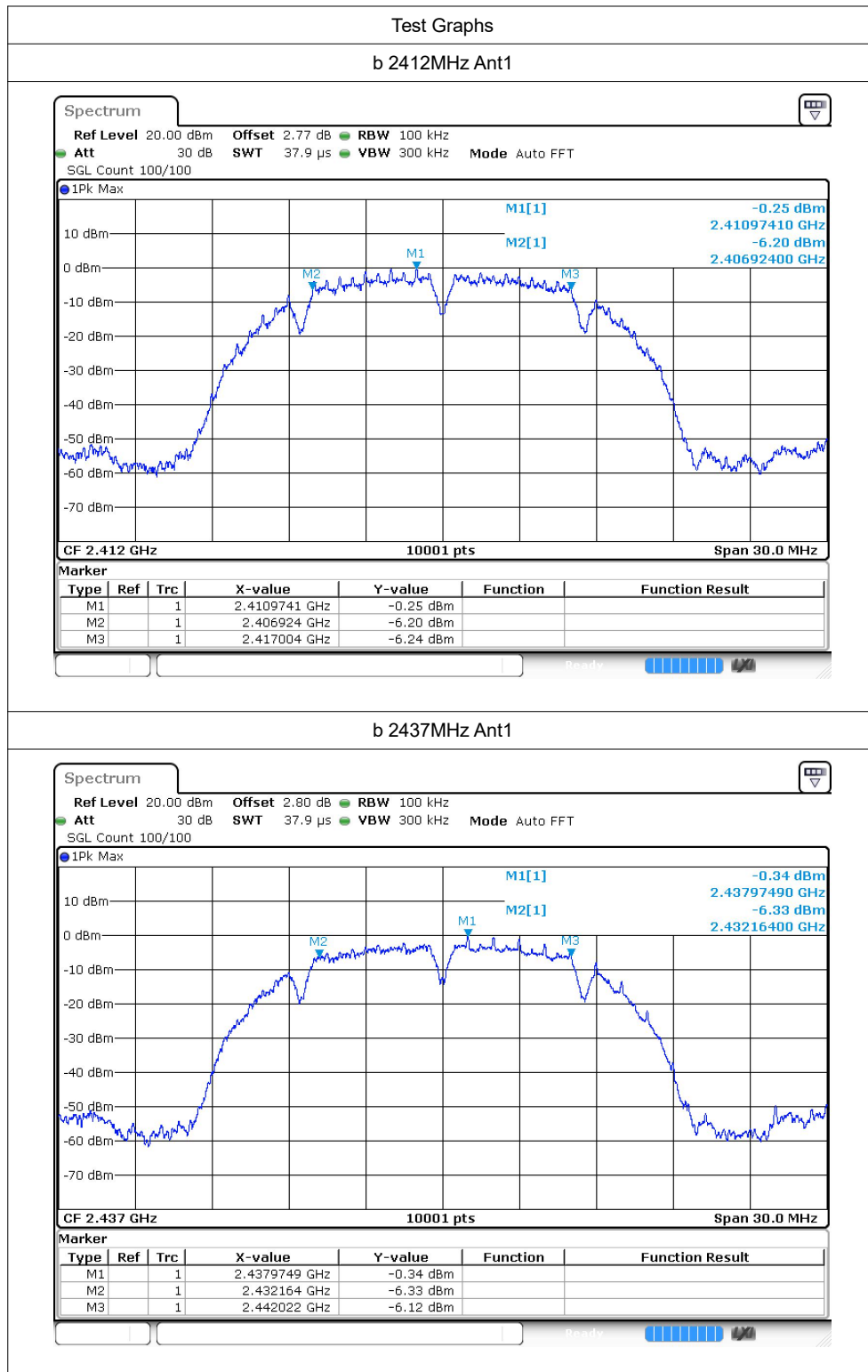


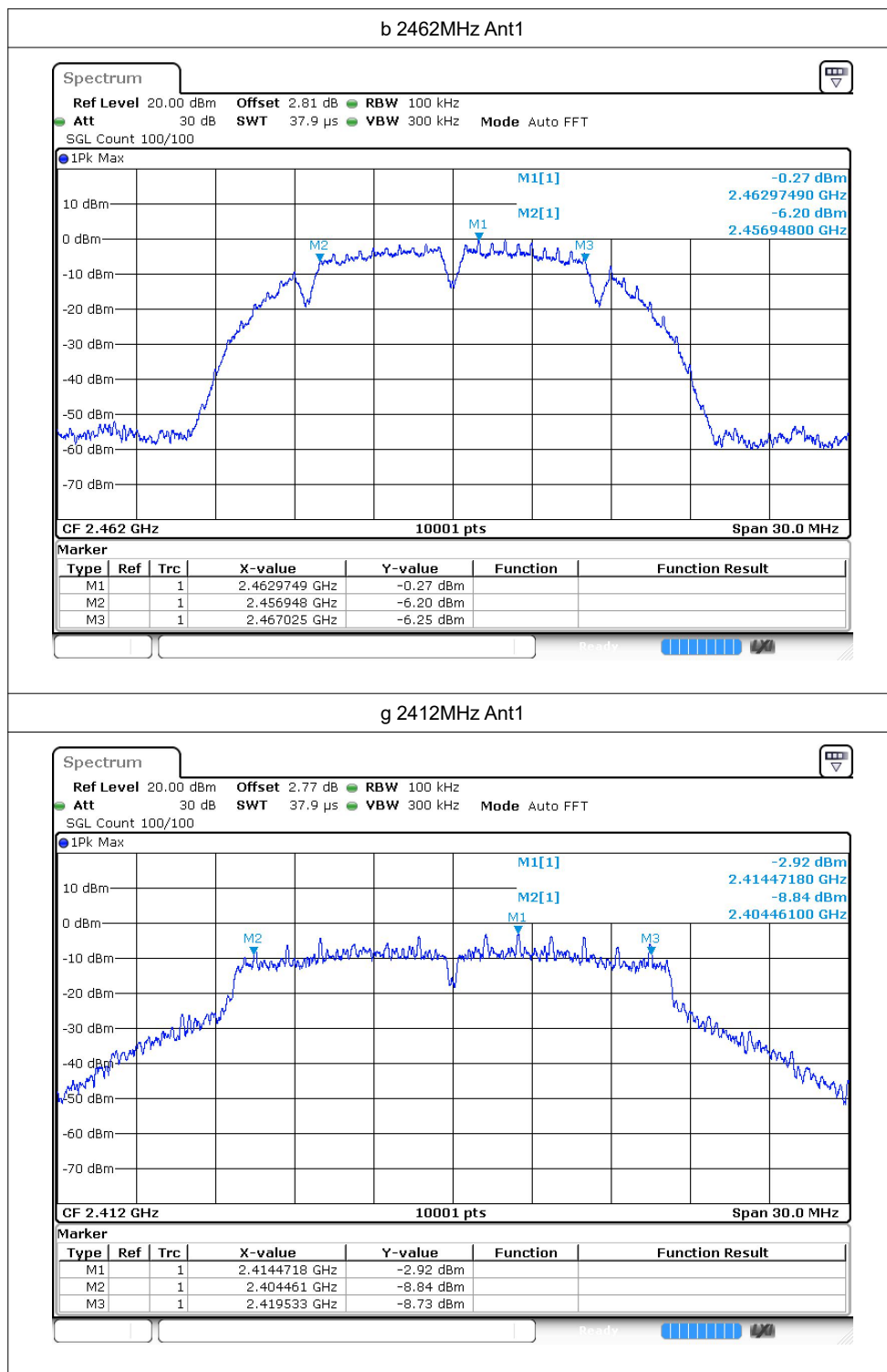
3 -6dB Bandwidth

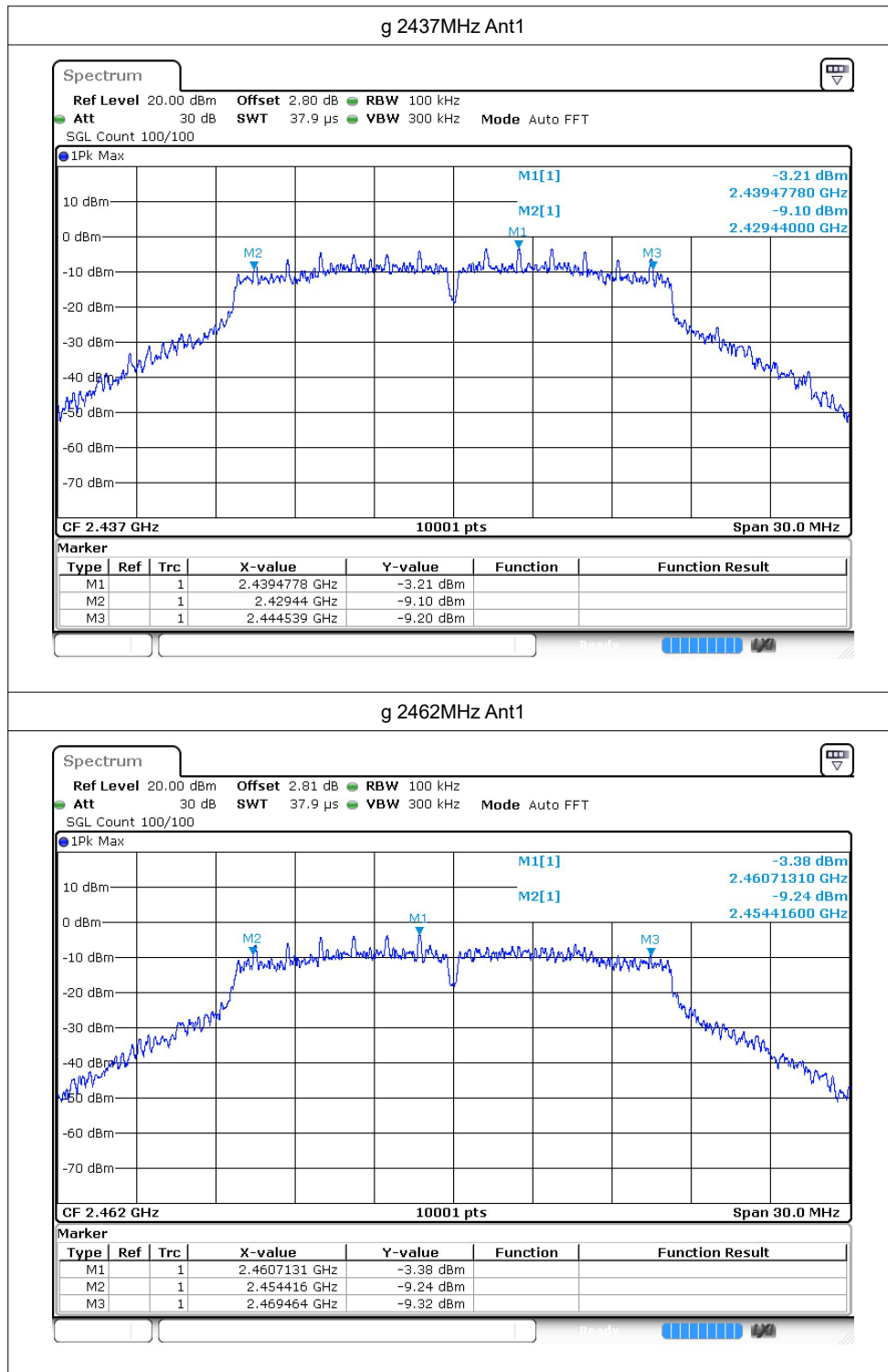
3.1 Test Result

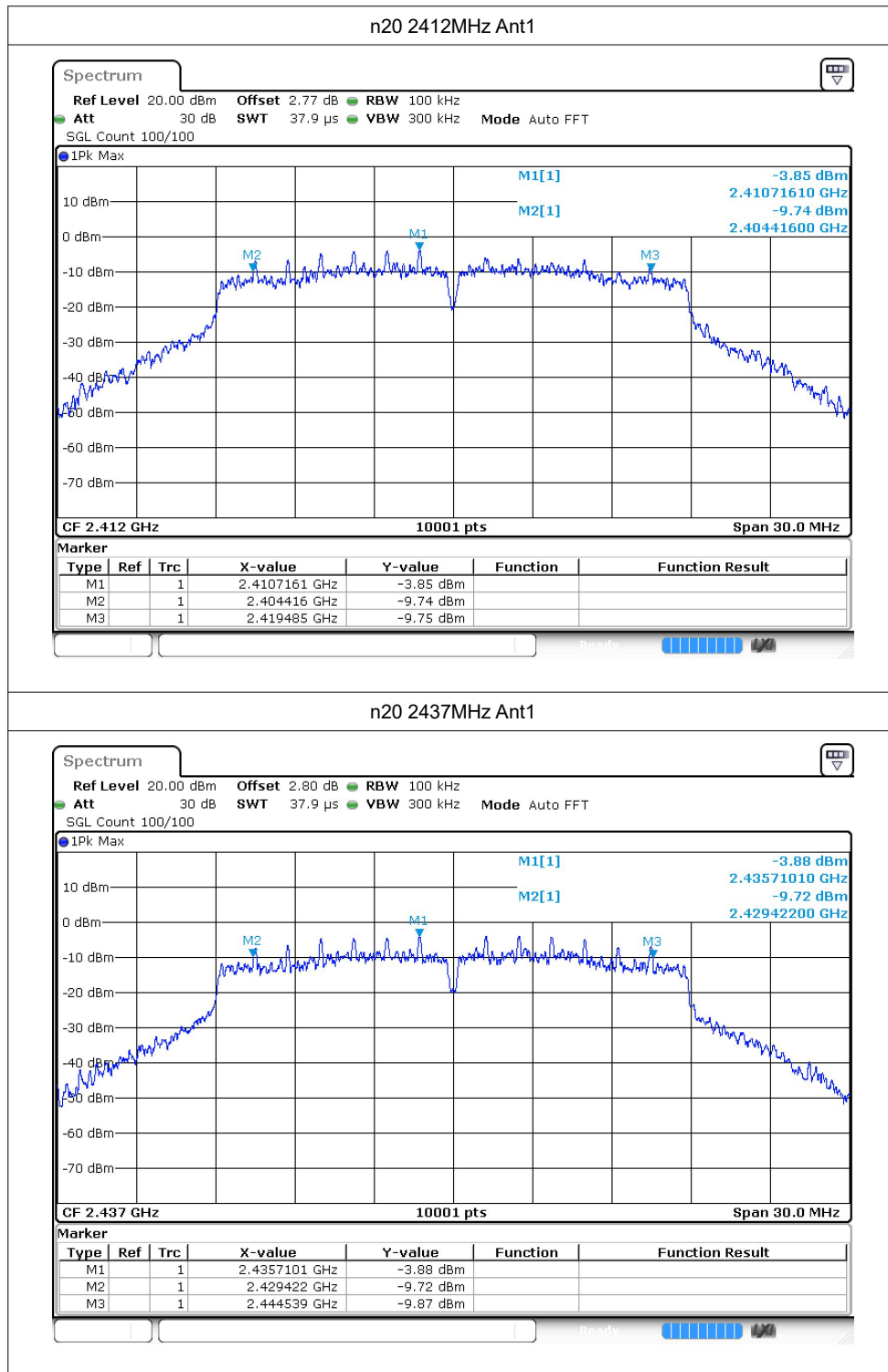
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant1	10.08	0.5	Pass
b	2437	Ant1	9.858	0.5	Pass
b	2462	Ant1	10.077	0.5	Pass
g	2412	Ant1	15.072	0.5	Pass
g	2437	Ant1	15.099	0.5	Pass
g	2462	Ant1	15.048	0.5	Pass
n20	2412	Ant1	15.069	0.5	Pass
n20	2437	Ant1	15.117	0.5	Pass
n20	2462	Ant1	13.863	0.5	Pass

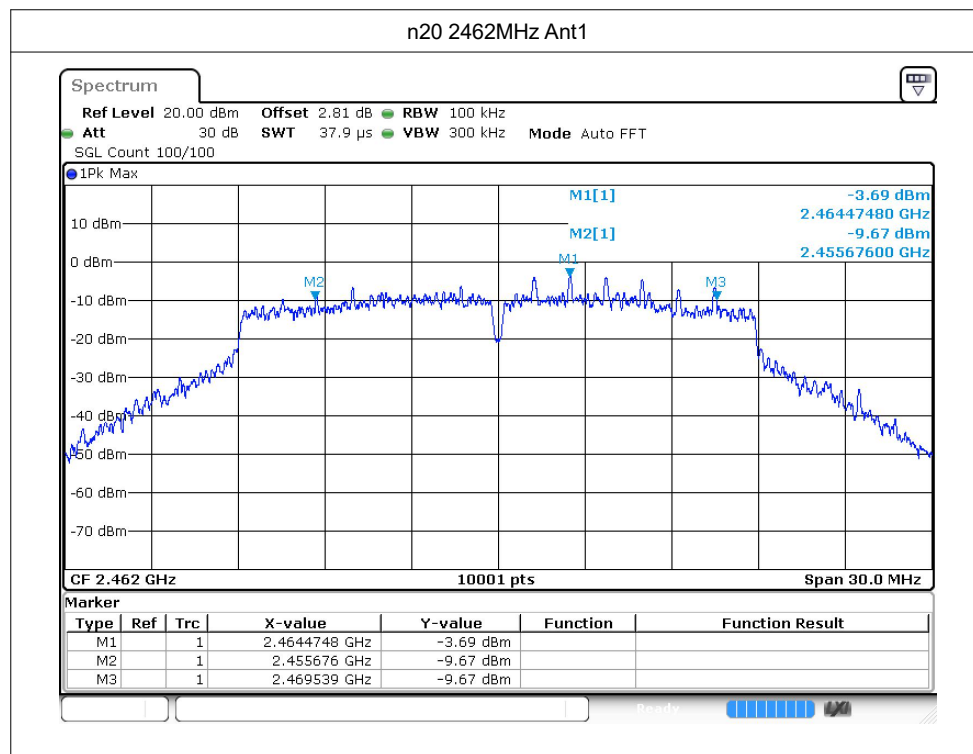
3.2 Test Graphs









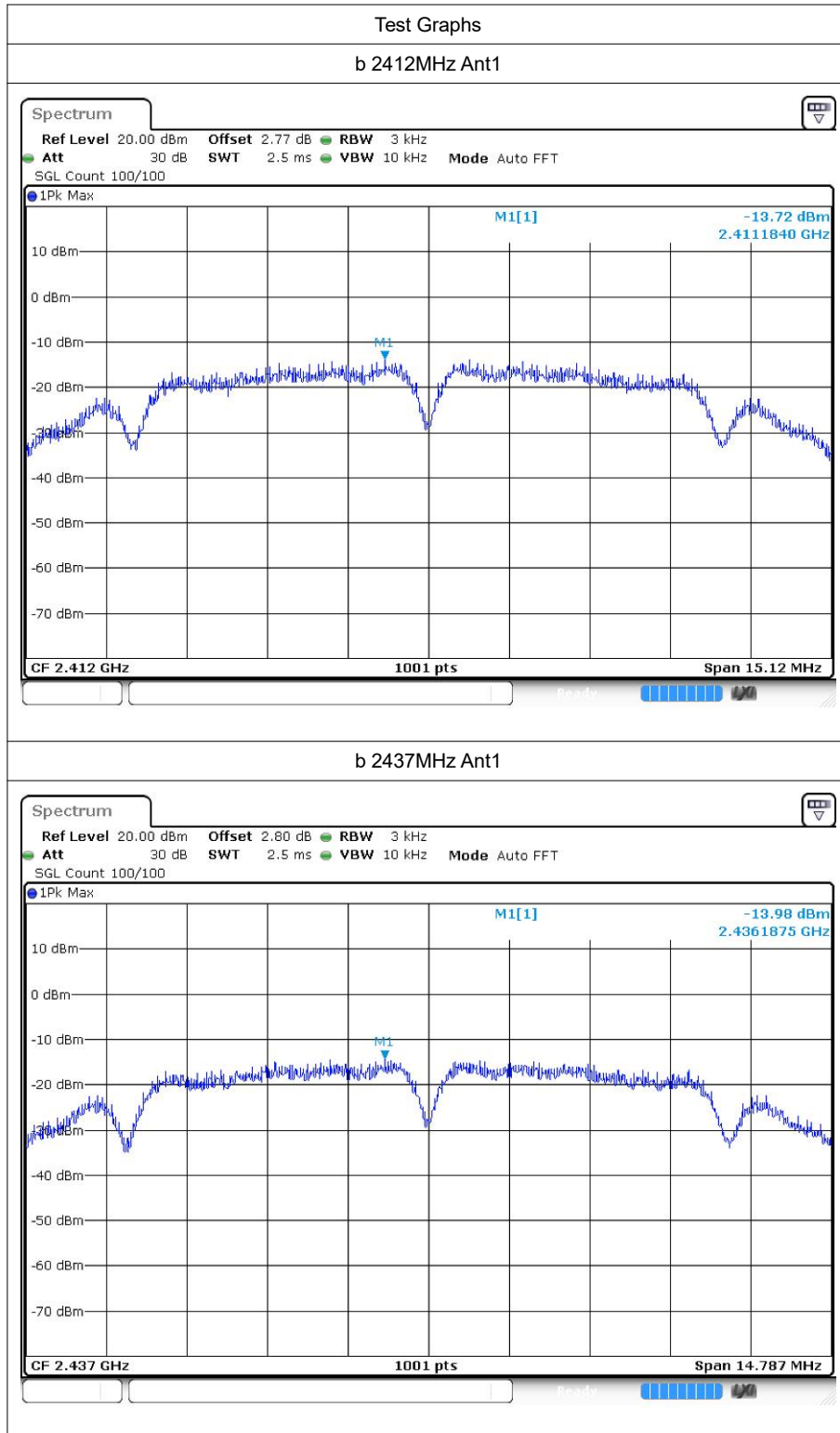


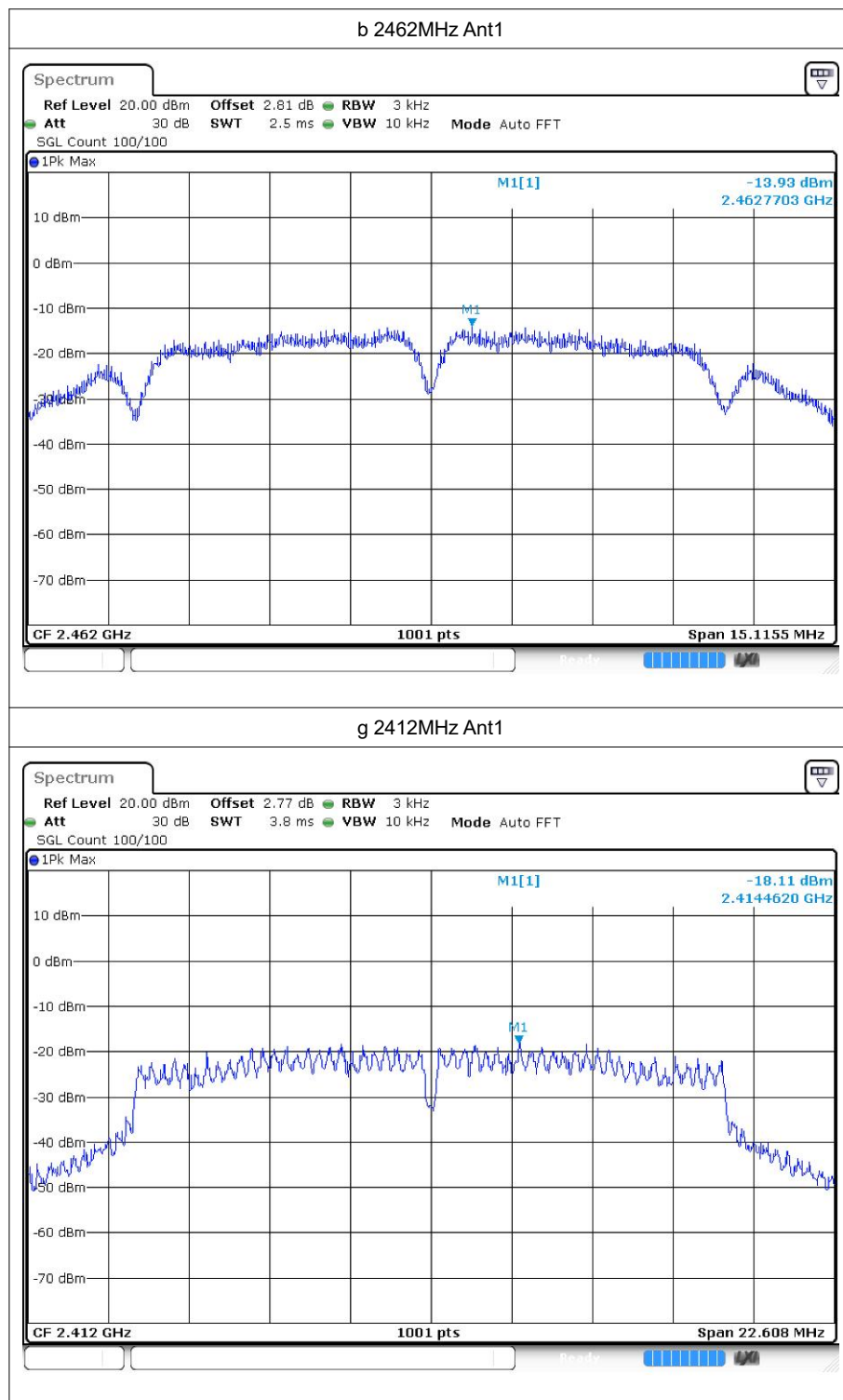
4 Maximum Power Spectral Density Level

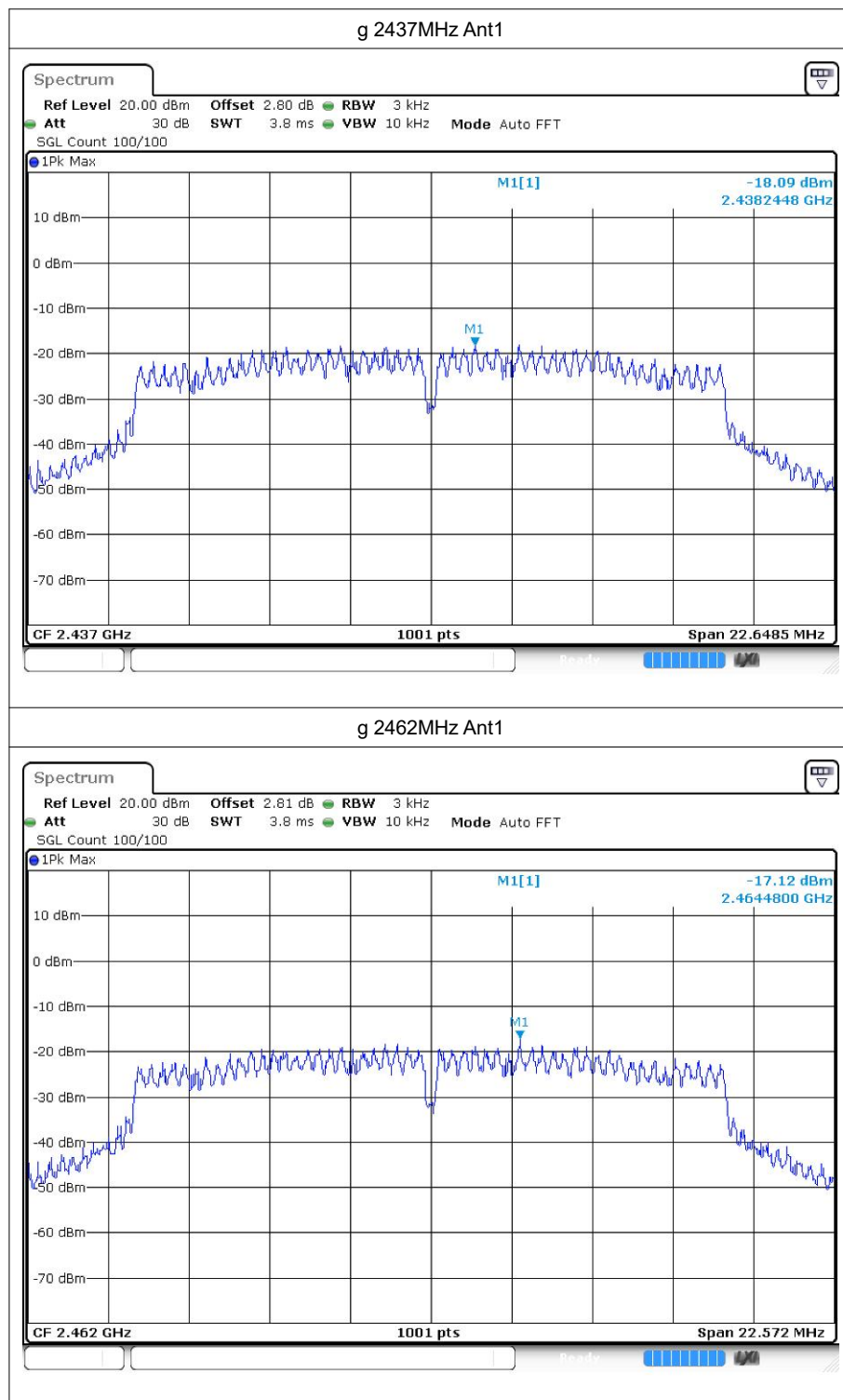
4.1 Test Result

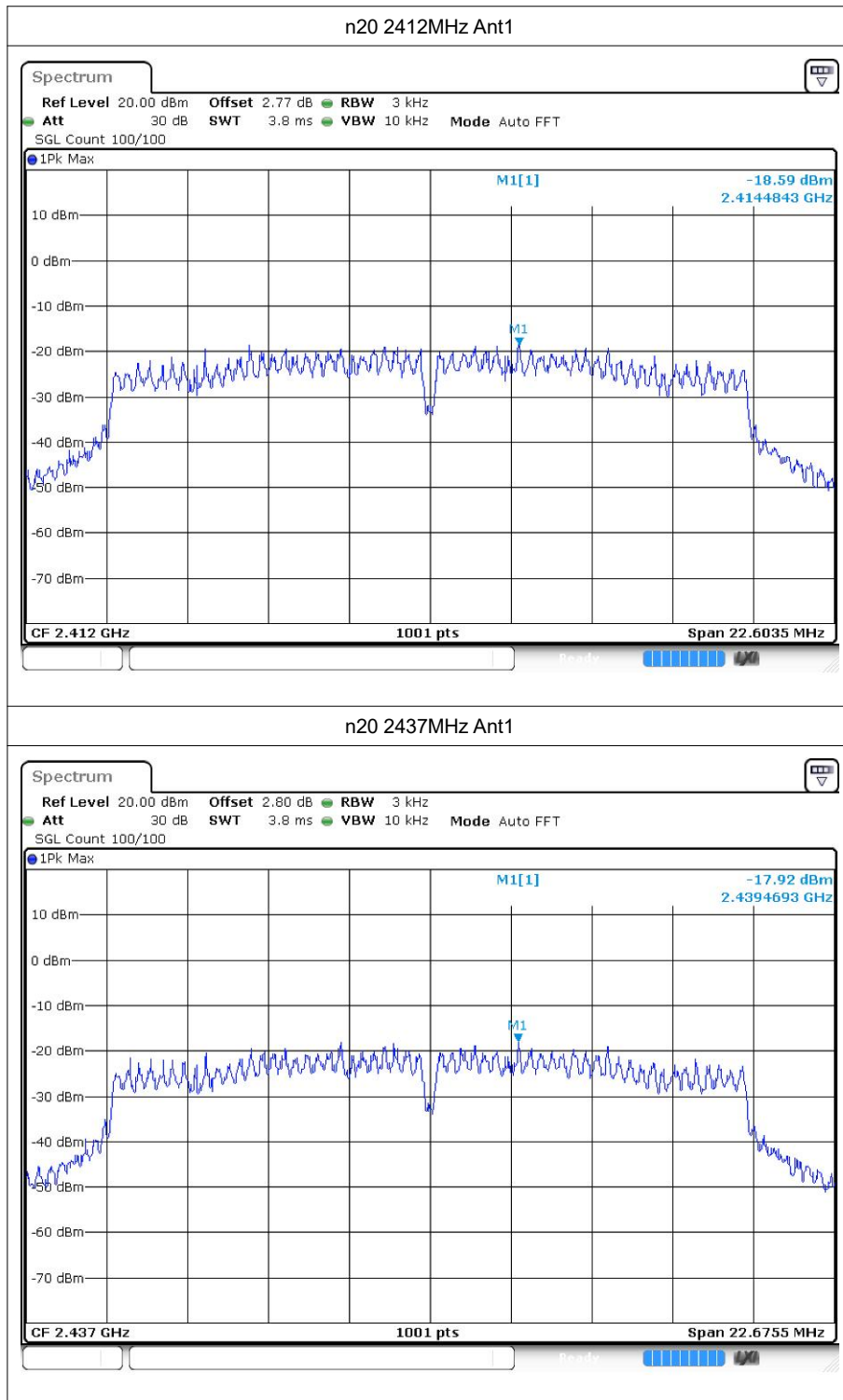
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
b	2412	Ant1	-13.72	≤ 8	Pass
b	2437	Ant1	-13.98	≤ 8	Pass
b	2462	Ant1	-13.93	≤ 8	Pass
g	2412	Ant1	-18.11	≤ 8	Pass
g	2437	Ant1	-18.09	≤ 8	Pass
g	2462	Ant1	-17.12	≤ 8	Pass
n20	2412	Ant1	-18.59	≤ 8	Pass
n20	2437	Ant1	-17.92	≤ 8	Pass
n20	2462	Ant1	-18.05	≤ 8	Pass

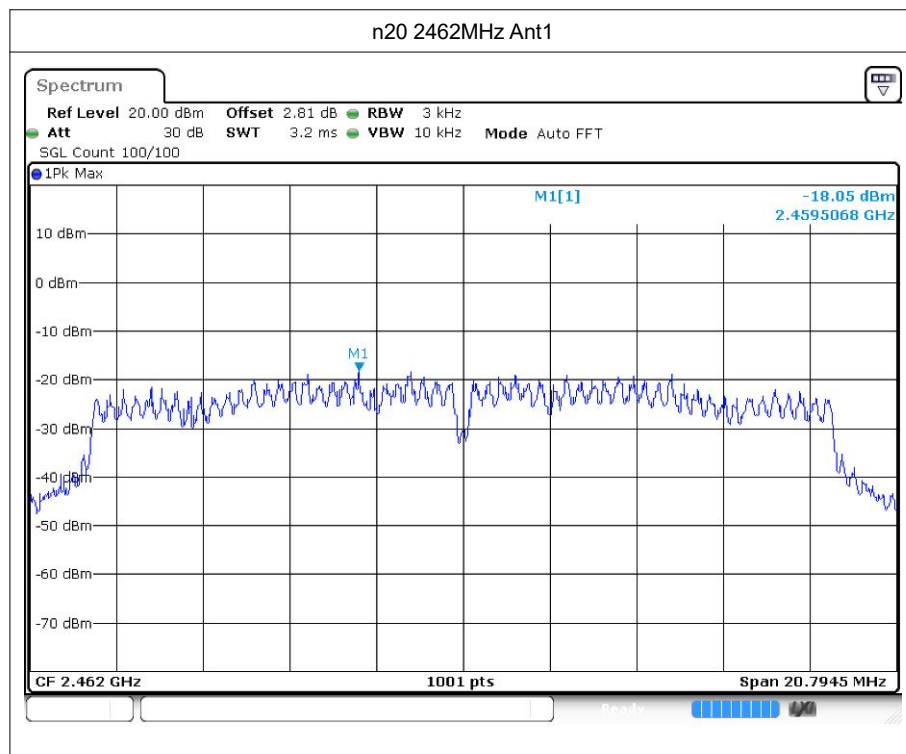
4.2 Test Graphs













5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-54.82	-20	Pass
b	2462	Ant1	-54.78	-20	Pass
g	2412	Ant1	-52.2	-20	Pass
g	2462	Ant1	-52.8	-20	Pass
n20	2412	Ant1	-50.53	-20	Pass
n20	2462	Ant1	-52.31	-20	Pass

5.2 Test Graphs

