



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Digital Picture Frame

Trade Mark: Maiproo

Test Model: Ma101

Environmental Conditions

Temperature:	25.5° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



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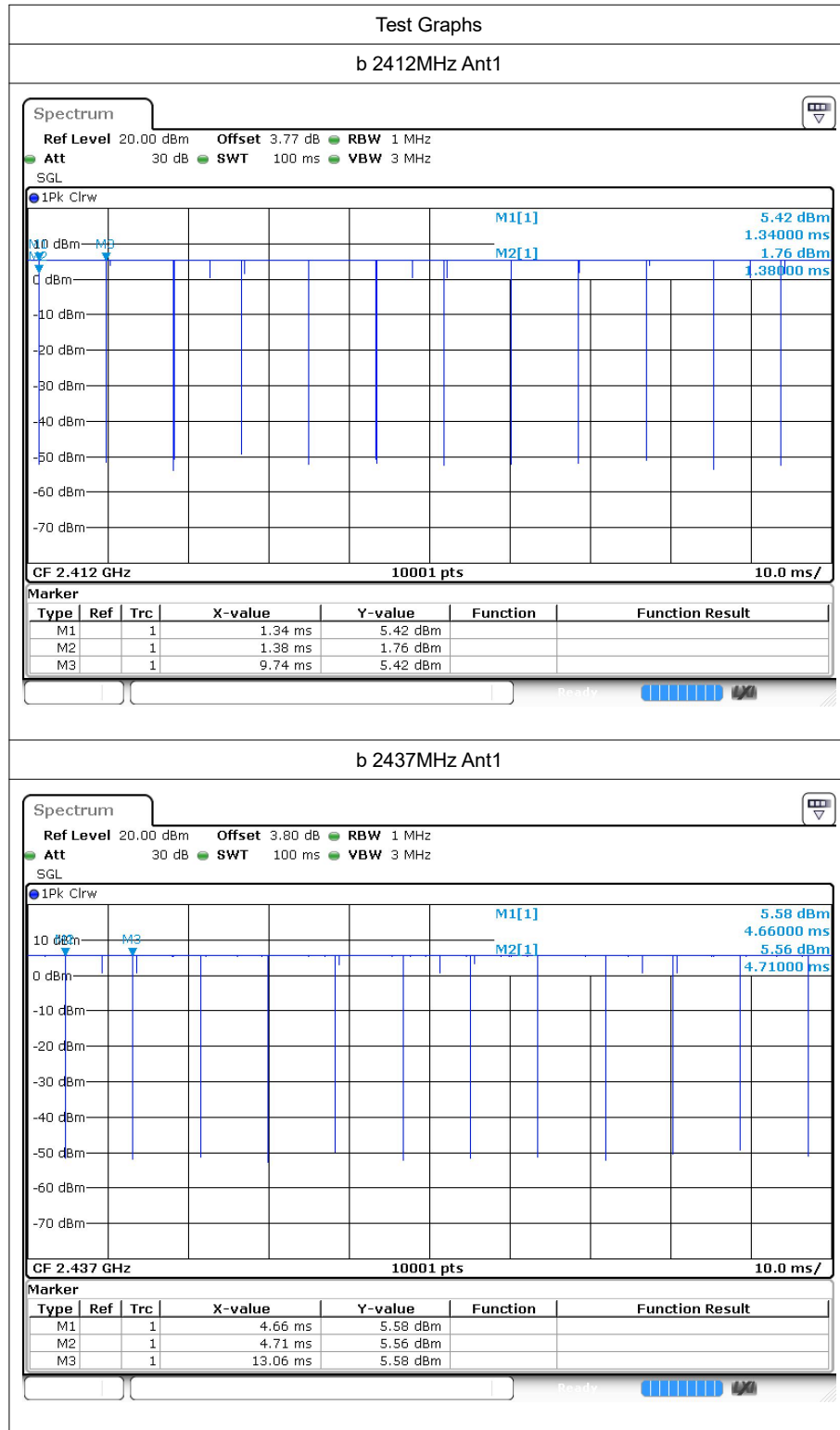


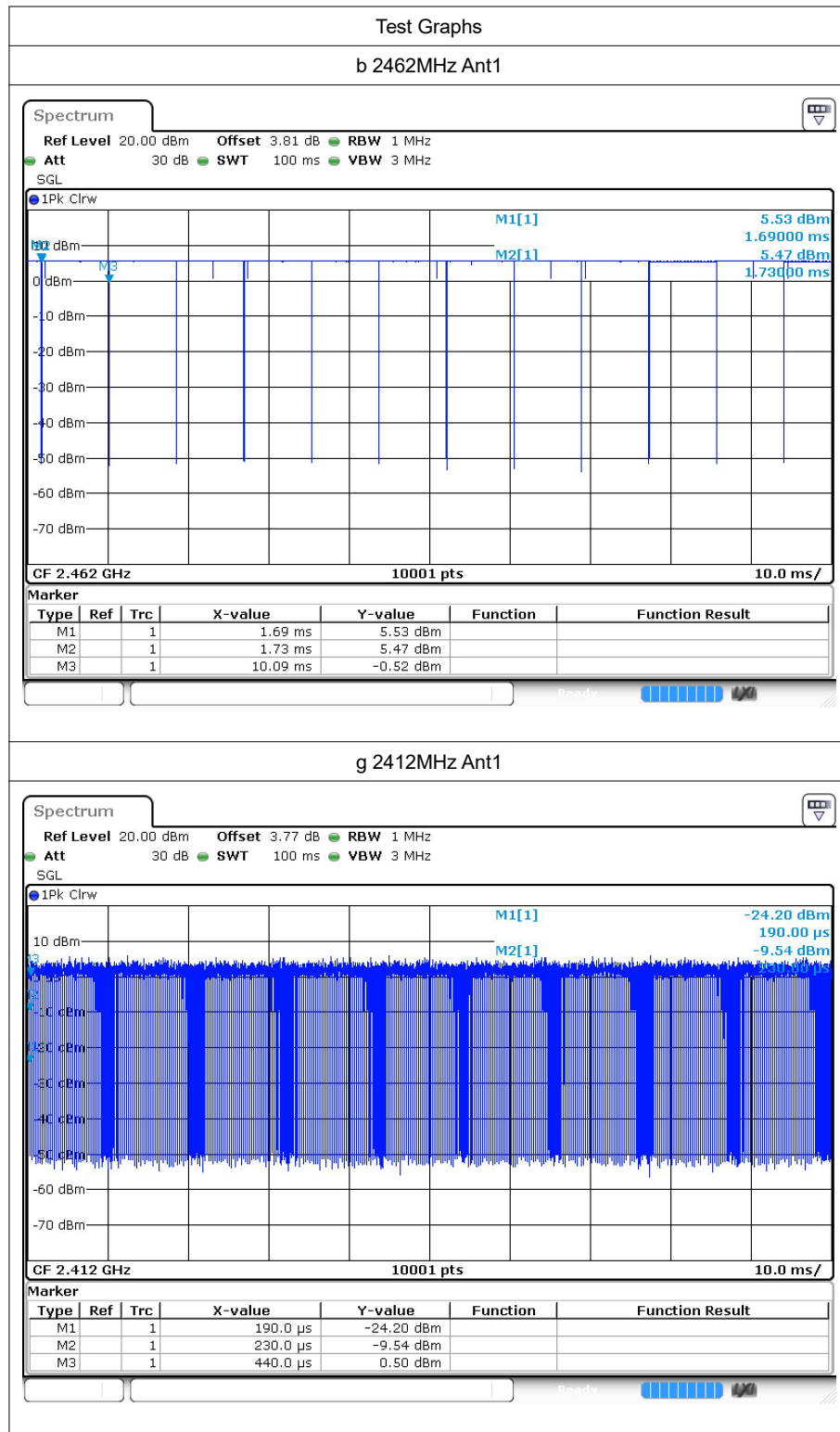
1 Duty Cycle

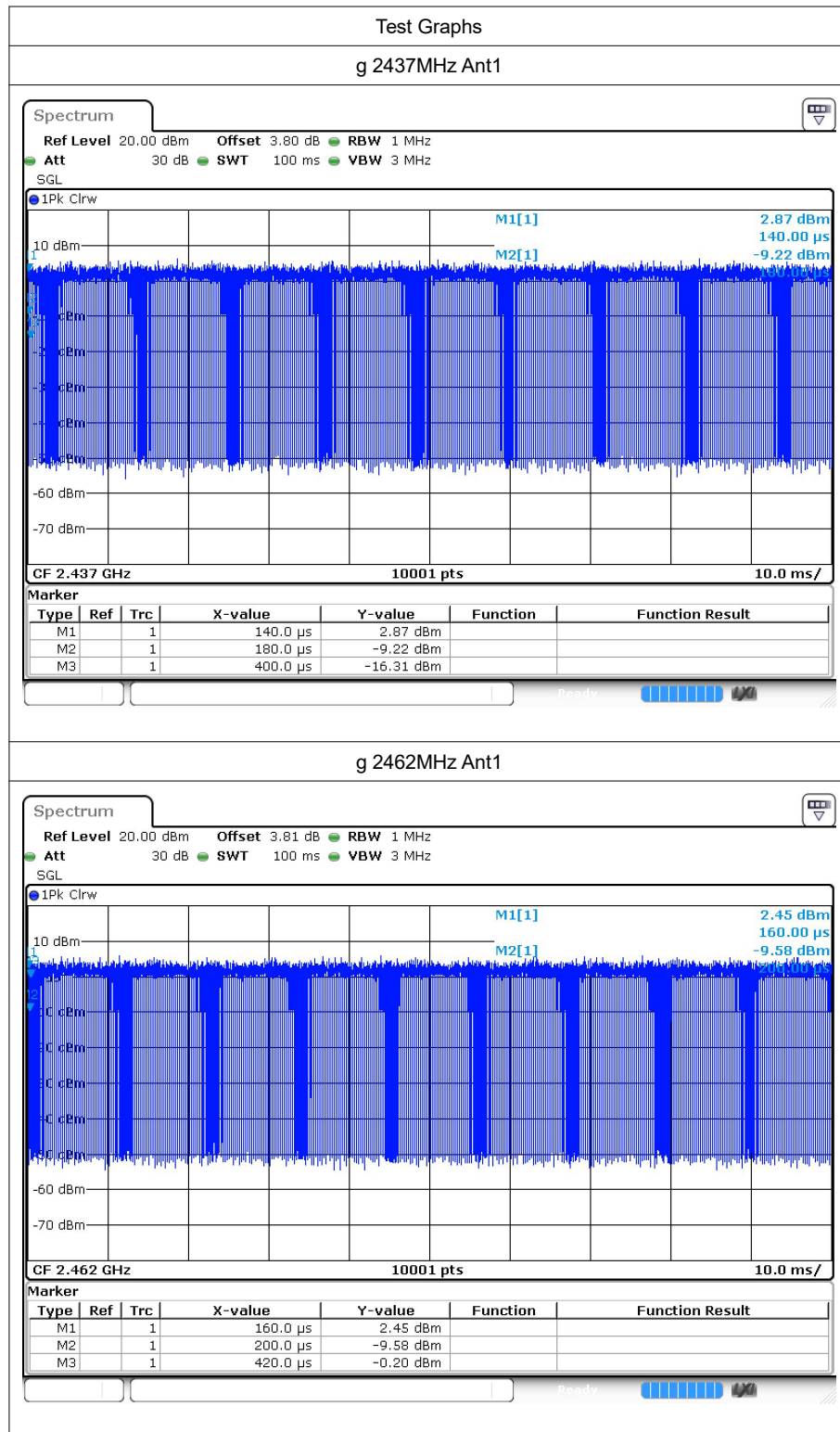
1.1 Test Result

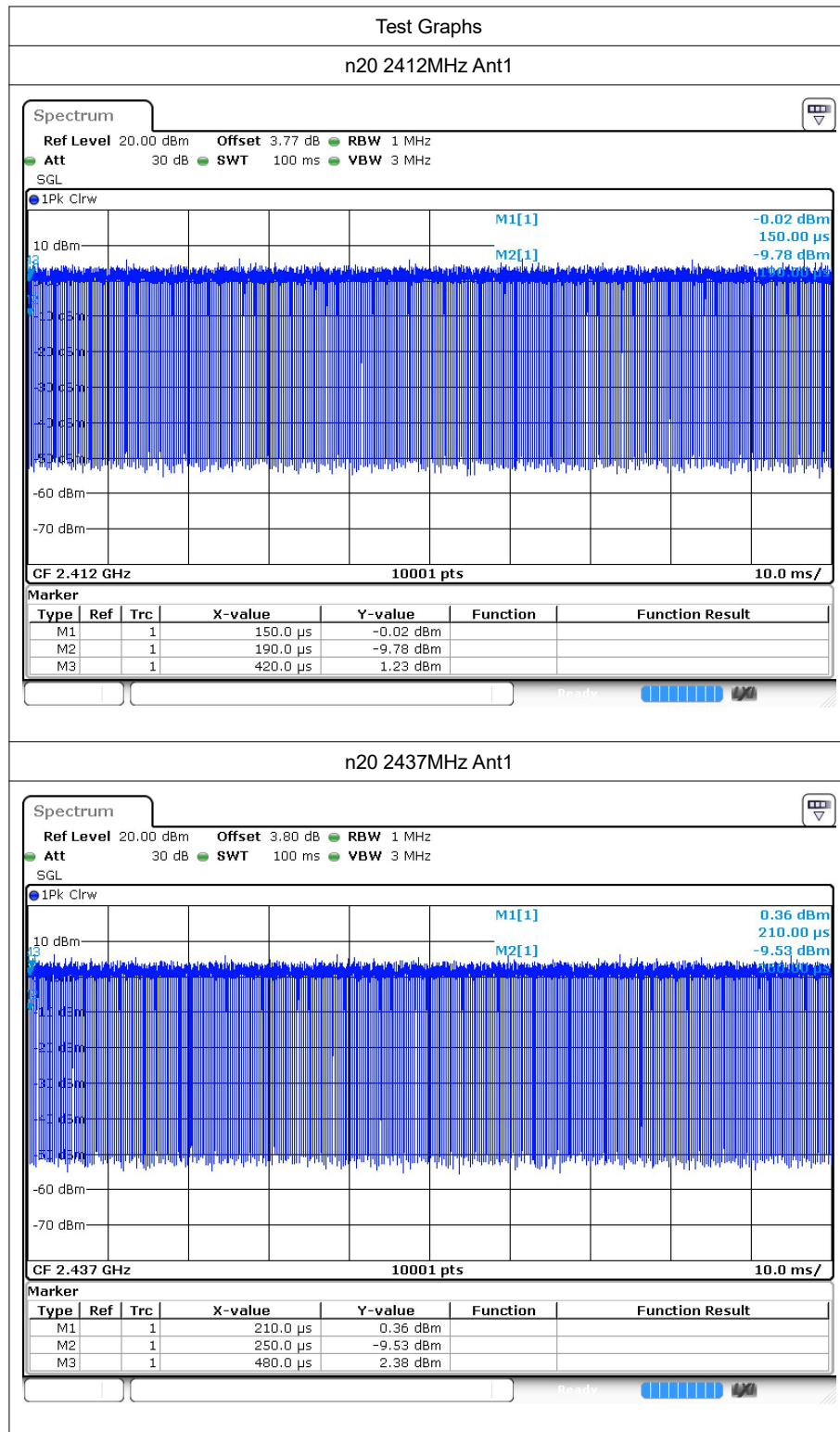
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	1/T (kHz)
b	2412	Ant1	99.6	0.12
b	2437	Ant1	99.59	0.12
b	2462	Ant1	99.6	0.12
g	2412	Ant1	87.03	4.76
g	2437	Ant1	87.02	4.55
g	2462	Ant1	86.98	4.55
n20	2412	Ant1	87.59	4.35
n20	2437	Ant1	87.6	4.35
n20	2462	Ant1	87.54	4.35

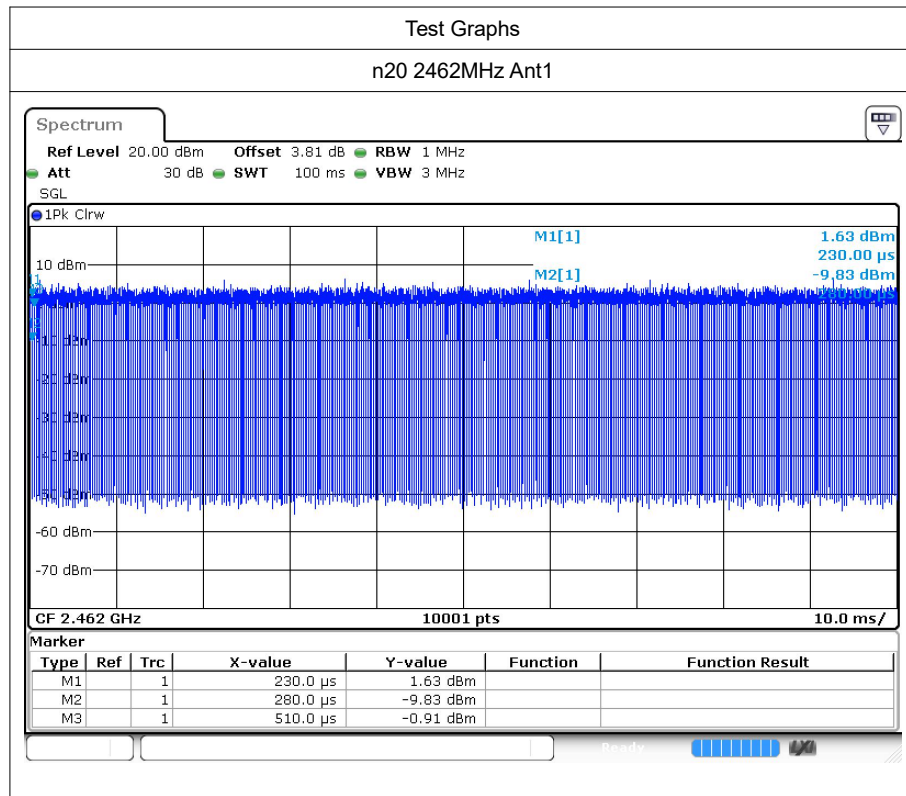
1.2 Test Graphs













2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	16.08	30	Pass
b	2437	Ant1	16.06	30	Pass
b	2462	Ant1	15.92	30	Pass
g	2412	Ant1	15.23	30	Pass
g	2437	Ant1	15.34	30	Pass
g	2462	Ant1	15.32	30	Pass
n20	2412	Ant1	15.08	30	Pass
n20	2437	Ant1	15.16	30	Pass
n20	2462	Ant1	15.04	30	Pass

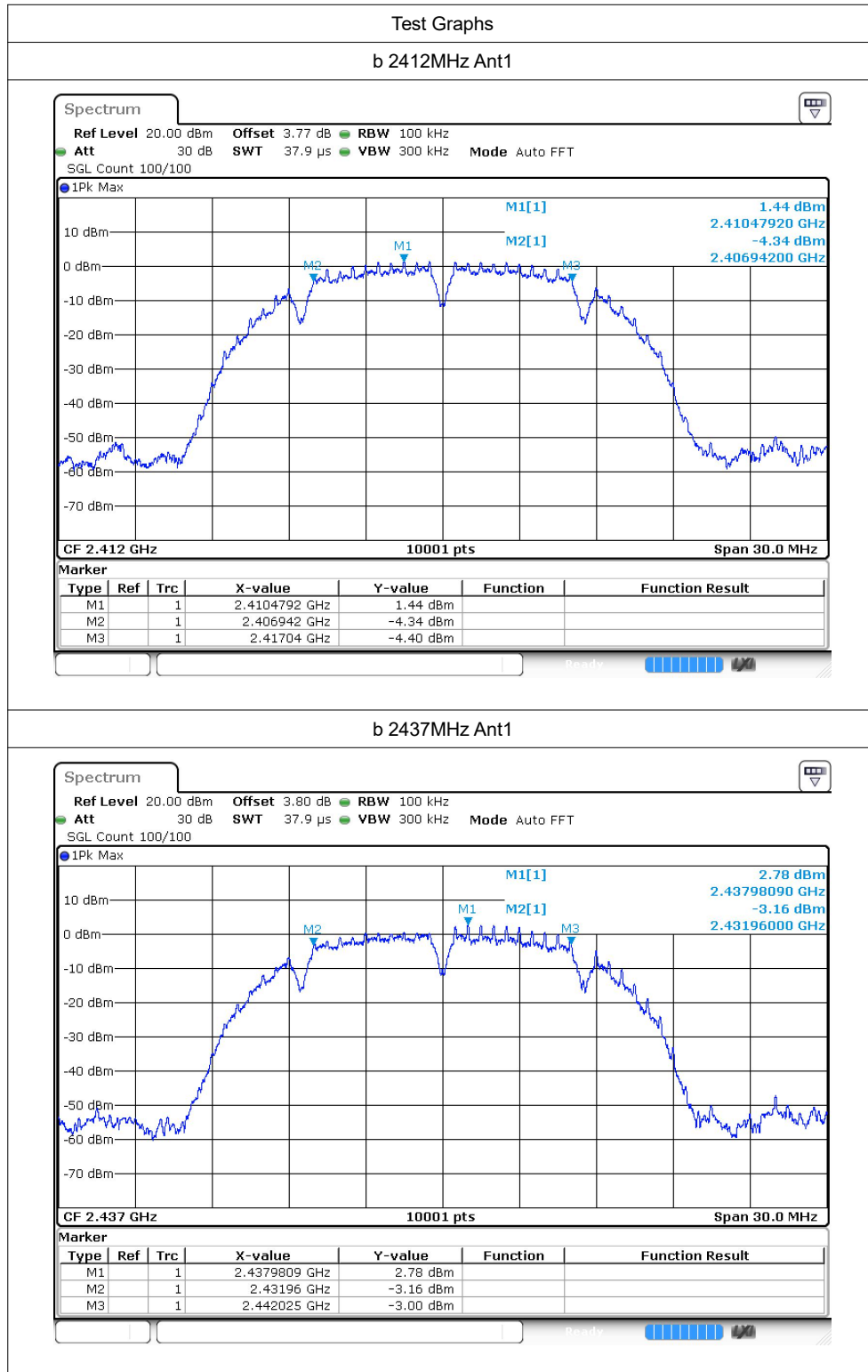


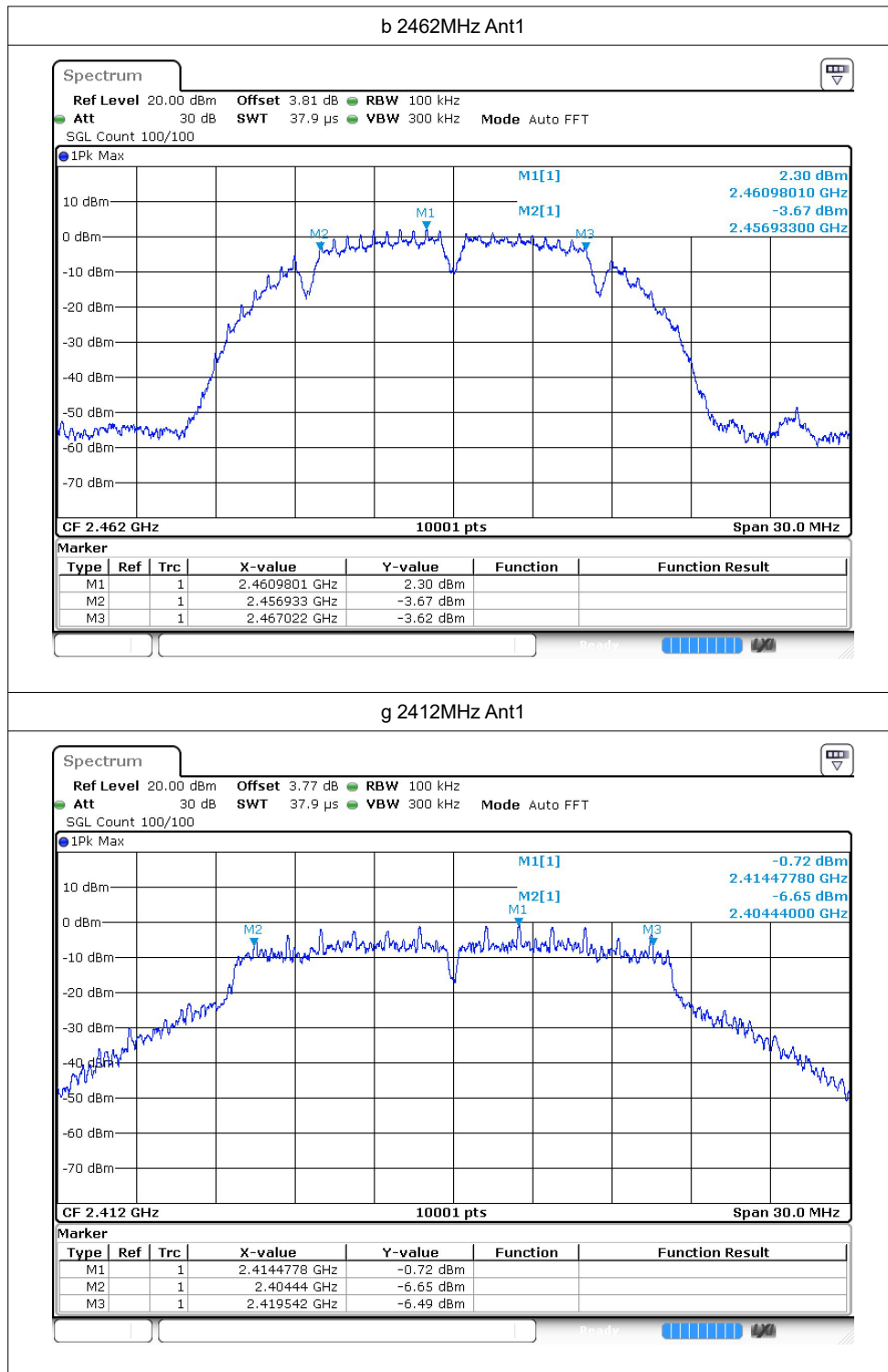
3 -6dB Bandwidth

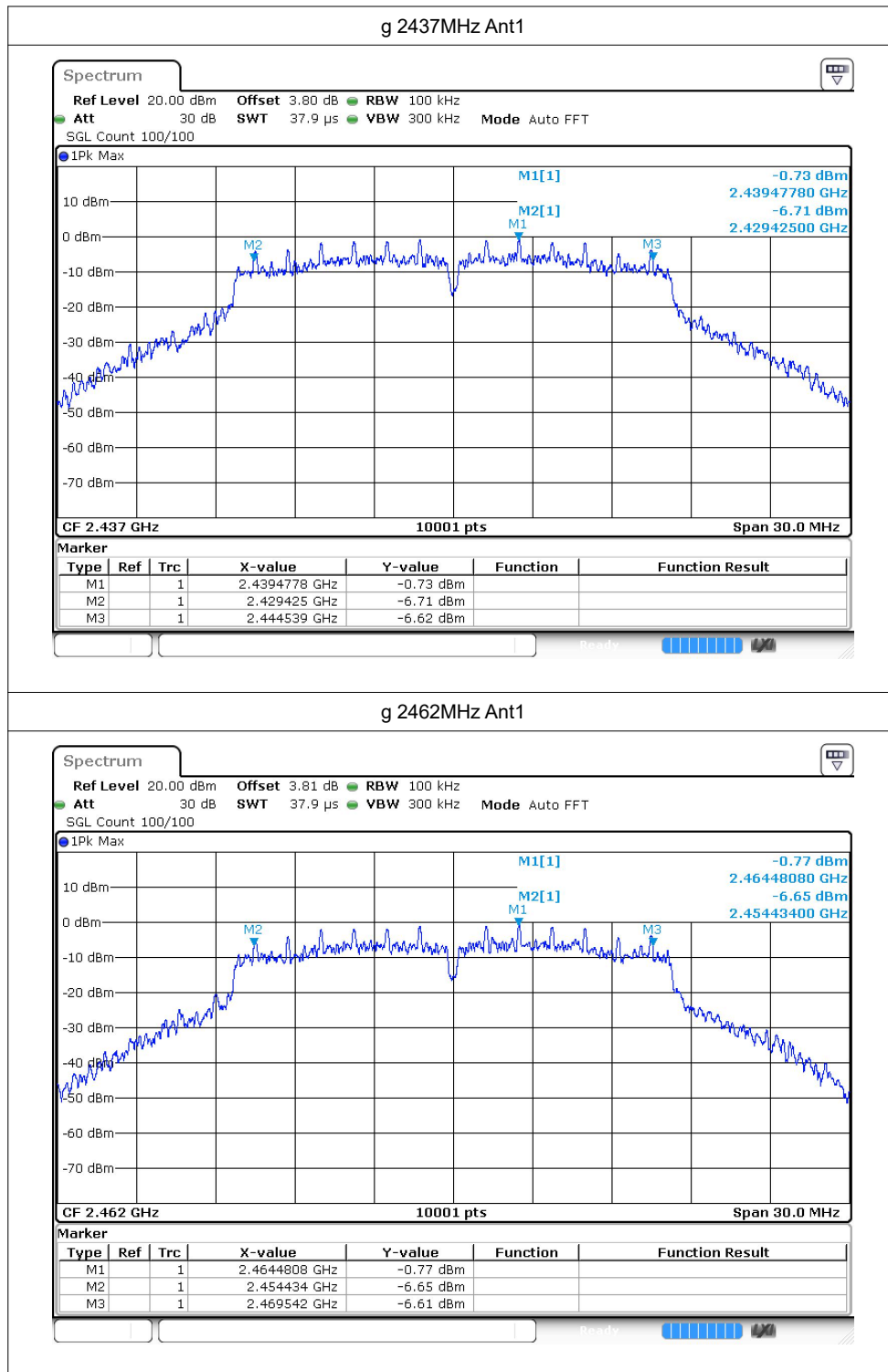
3.1 Test Result

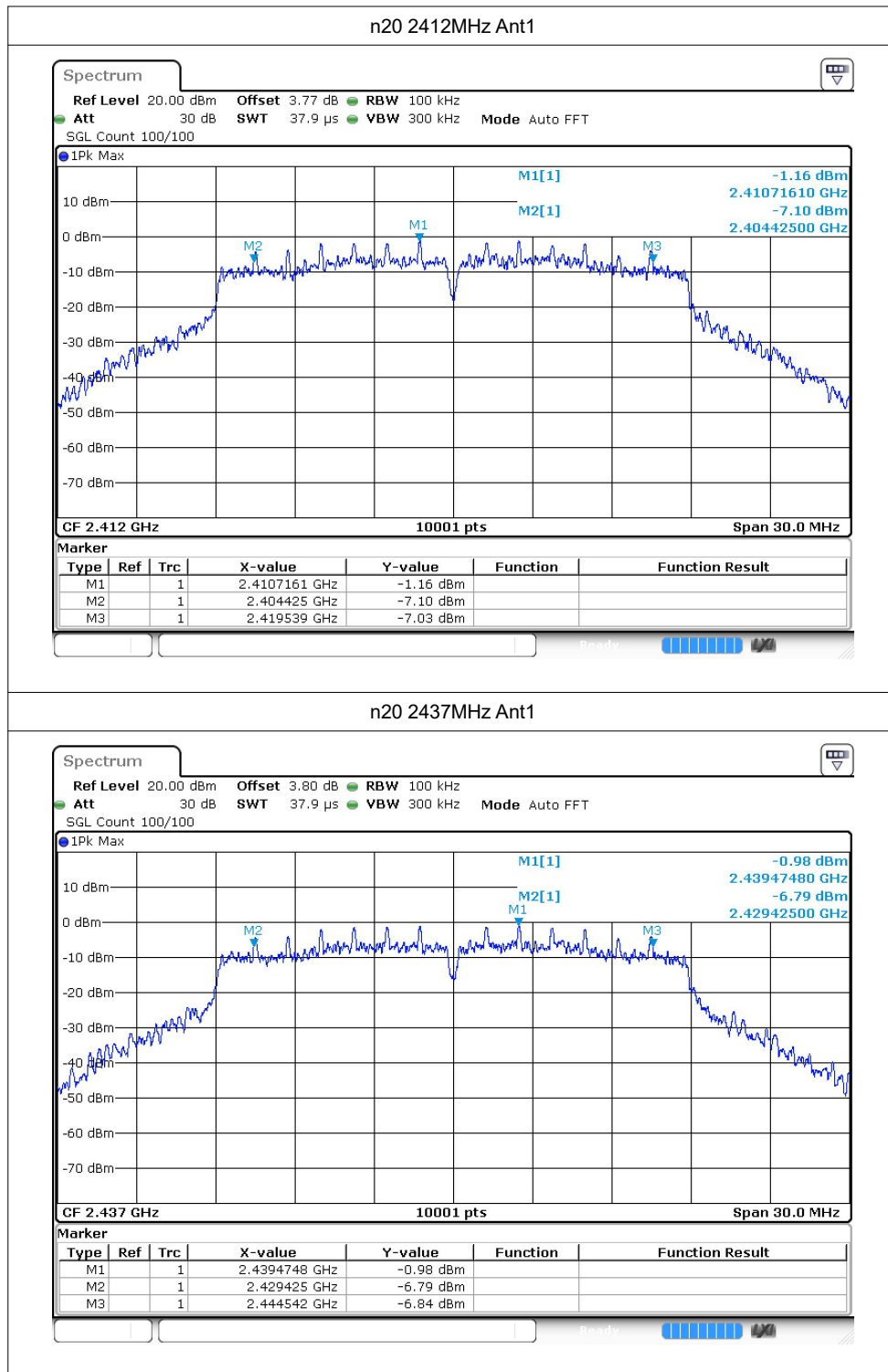
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant1	10.098	0.5	Pass
b	2437	Ant1	10.065	0.5	Pass
b	2462	Ant1	10.089	0.5	Pass
g	2412	Ant1	15.102	0.5	Pass
g	2437	Ant1	15.114	0.5	Pass
g	2462	Ant1	15.108	0.5	Pass
n20	2412	Ant1	15.114	0.5	Pass
n20	2437	Ant1	15.117	0.5	Pass
n20	2462	Ant1	15.105	0.5	Pass

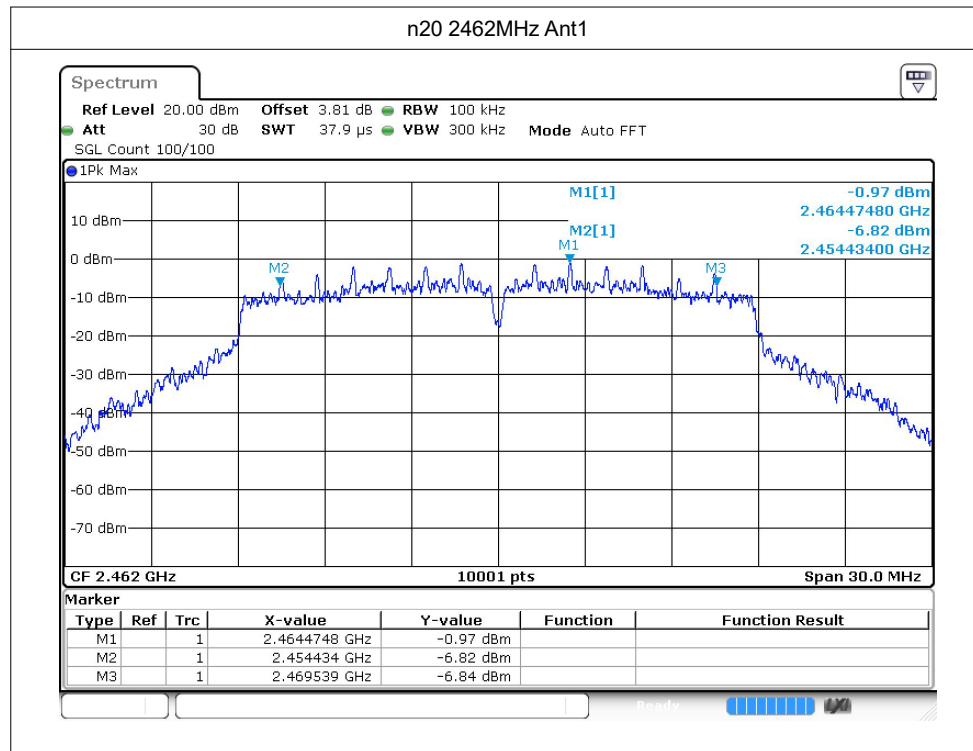
3.2 Test Graphs











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	-11.52	≤ 8	Pass
b	2437	Ant1	-11.41	≤ 8	Pass
b	2462	Ant1	-11.26	≤ 8	Pass
g	2412	Ant1	-15.48	≤ 8	Pass
g	2437	Ant1	-14.26	≤ 8	Pass
g	2462	Ant1	-16.02	≤ 8	Pass
n20	2412	Ant1	-15.22	≤ 8	Pass
n20	2437	Ant1	-15.85	≤ 8	Pass
n20	2462	Ant1	-14.78	≤ 8	Pass

4.2 Test Graphs

