



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Viewedge Tab 11

Trade Mark: N/A

Test Model: V11

Environmental Conditions

Temperature:	25.6° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



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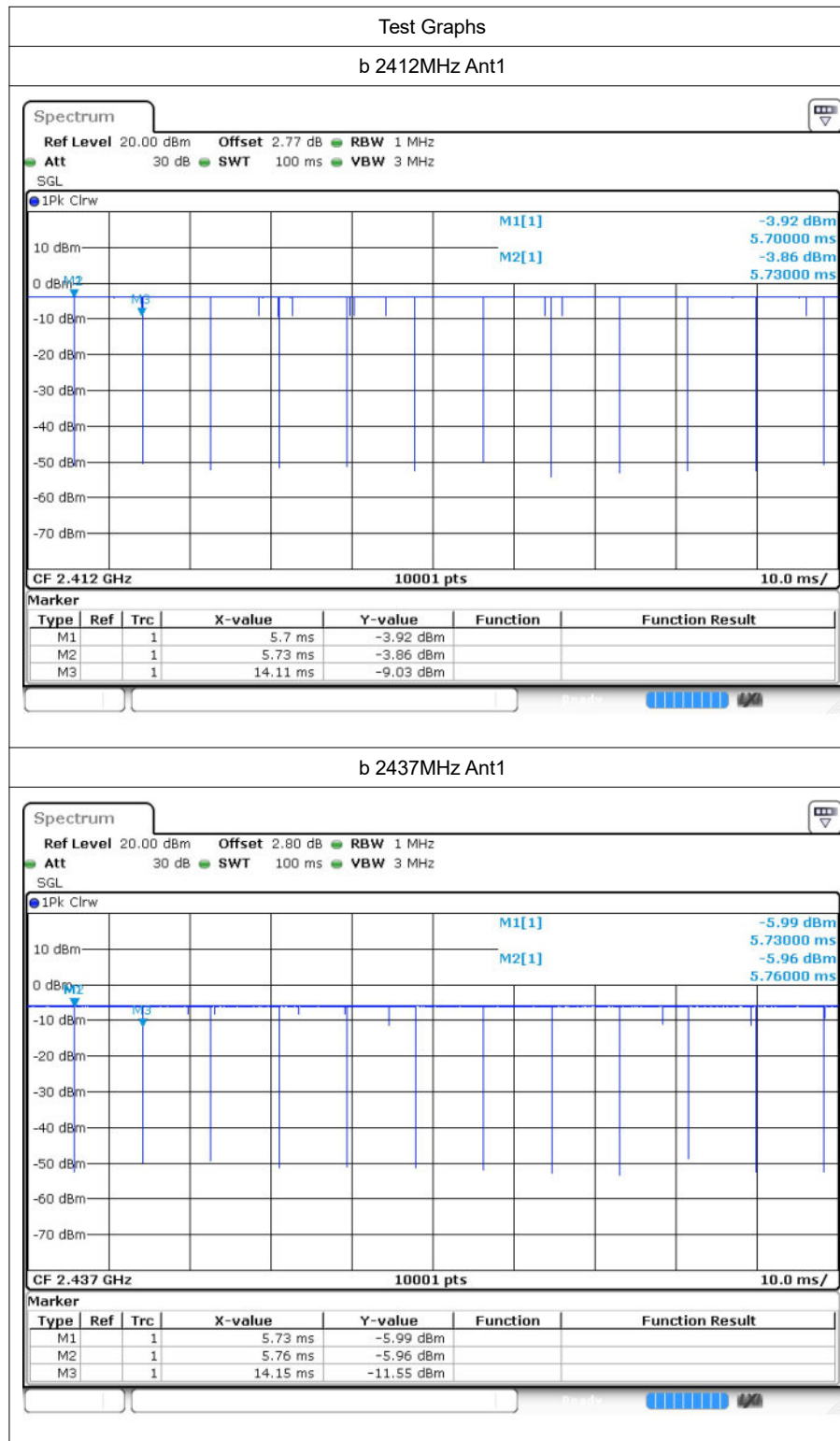


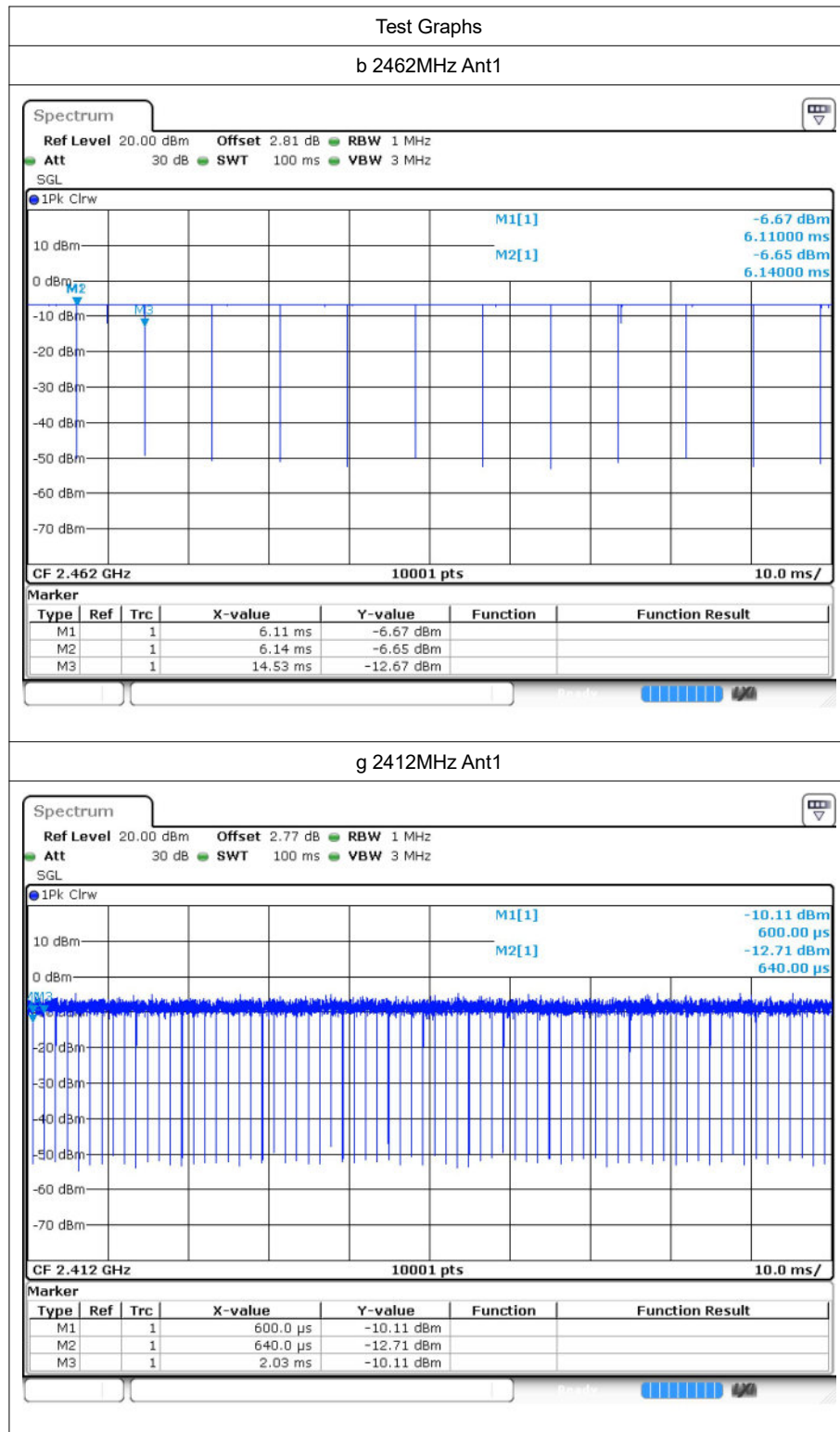
1 Duty Cycle

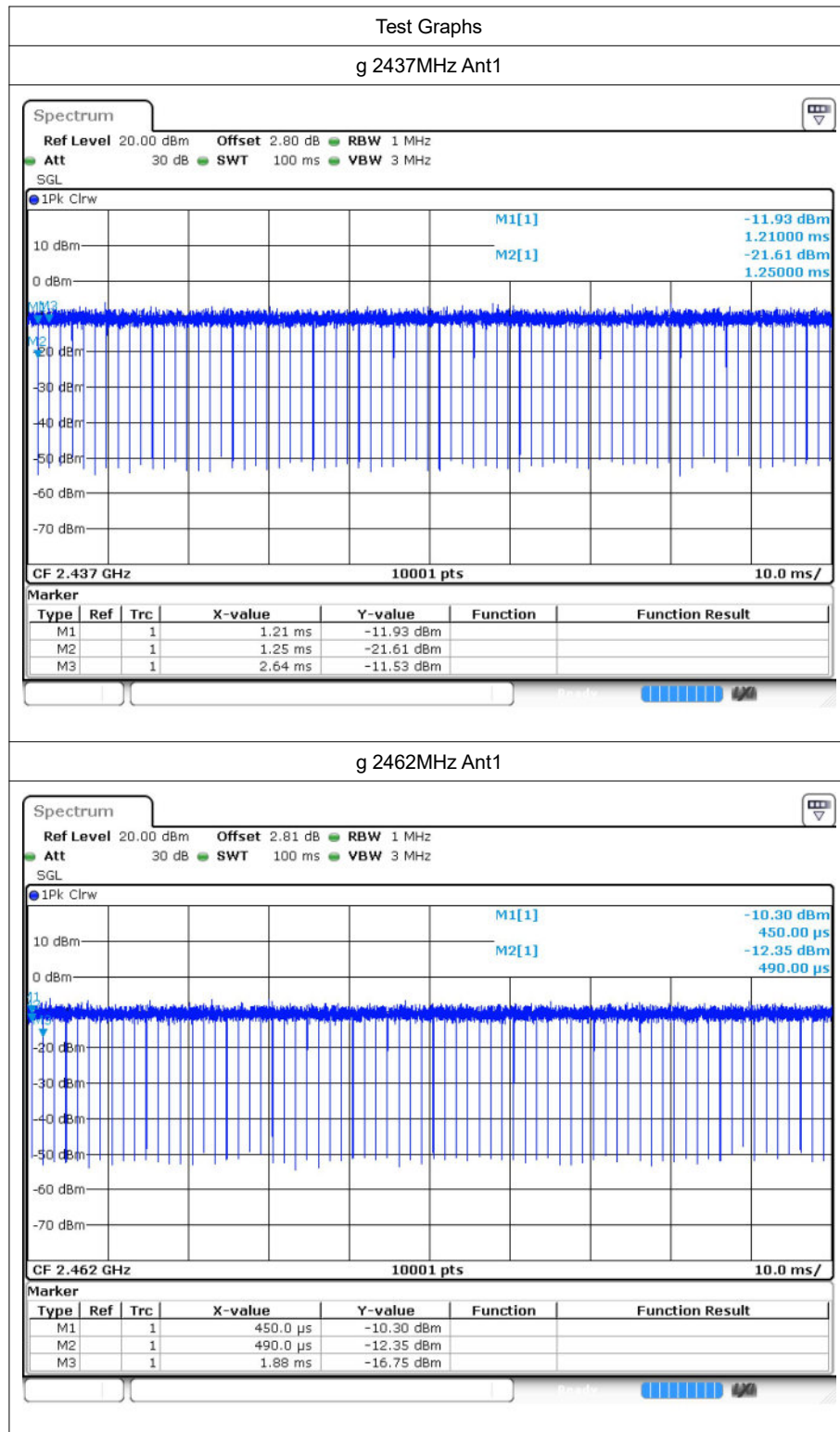
1.1 Test Result

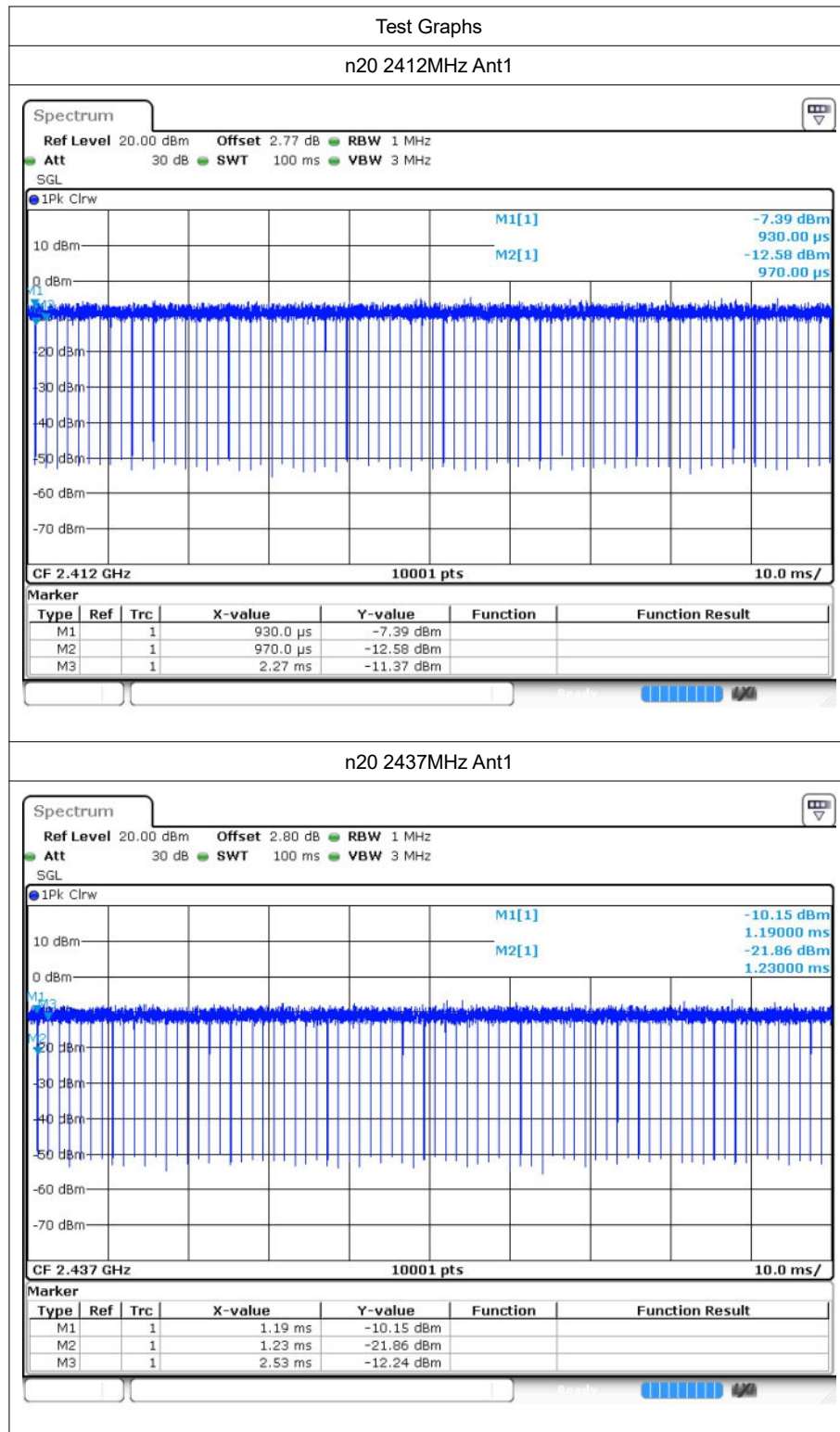
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor	1/T (kHz)
b	2412	Ant1	99.78	0.01	0.12
b	2437	Ant1	99.79	0.01	0.12
b	2462	Ant1	99.79	0.01	0.12
g	2412	Ant1	98.22	0.08	0.72
g	2437	Ant1	98.19	0.08	0.72
g	2462	Ant1	98.2	0.08	0.72
n20	2412	Ant1	98.07	0.08	0.77
n20	2437	Ant1	98.08	0.08	0.77
n20	2462	Ant1	98.07	0.08	0.77

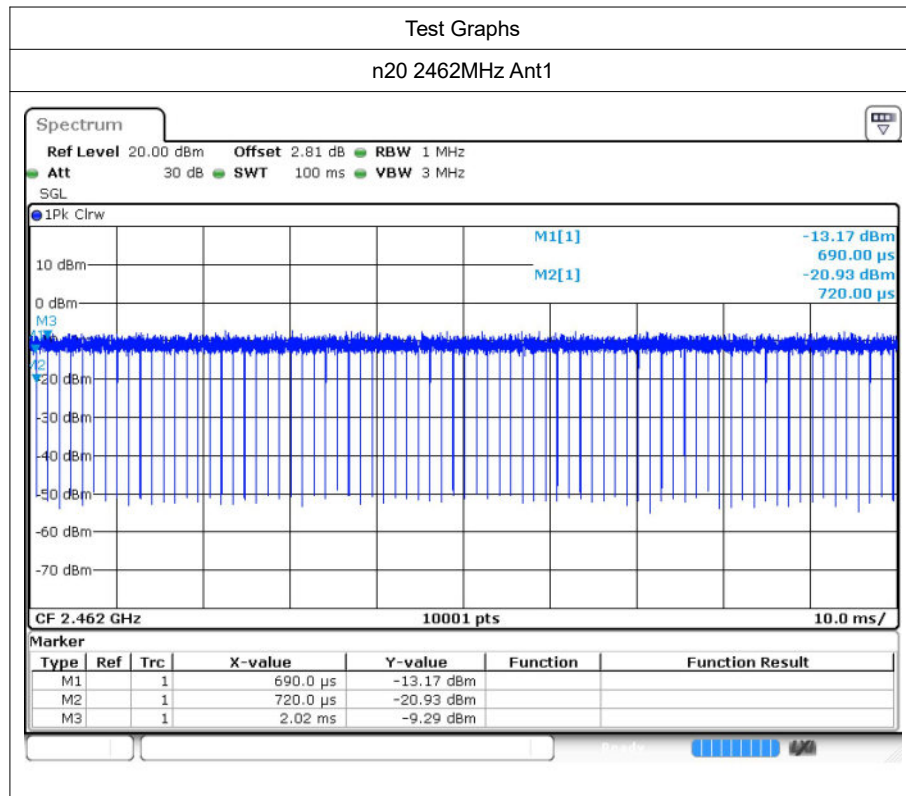
1.2 Test Graphs













2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	3.89	30	Pass
b	2437	Ant1	1.67	30	Pass
b	2462	Ant1	1.30	30	Pass
g	2412	Ant1	3.55	30	Pass
g	2437	Ant1	1.95	30	Pass
g	2462	Ant1	1.25	30	Pass
n20	2412	Ant1	3.45	30	Pass
n20	2437	Ant1	2.04	30	Pass
n20	2462	Ant1	1.38	30	Pass

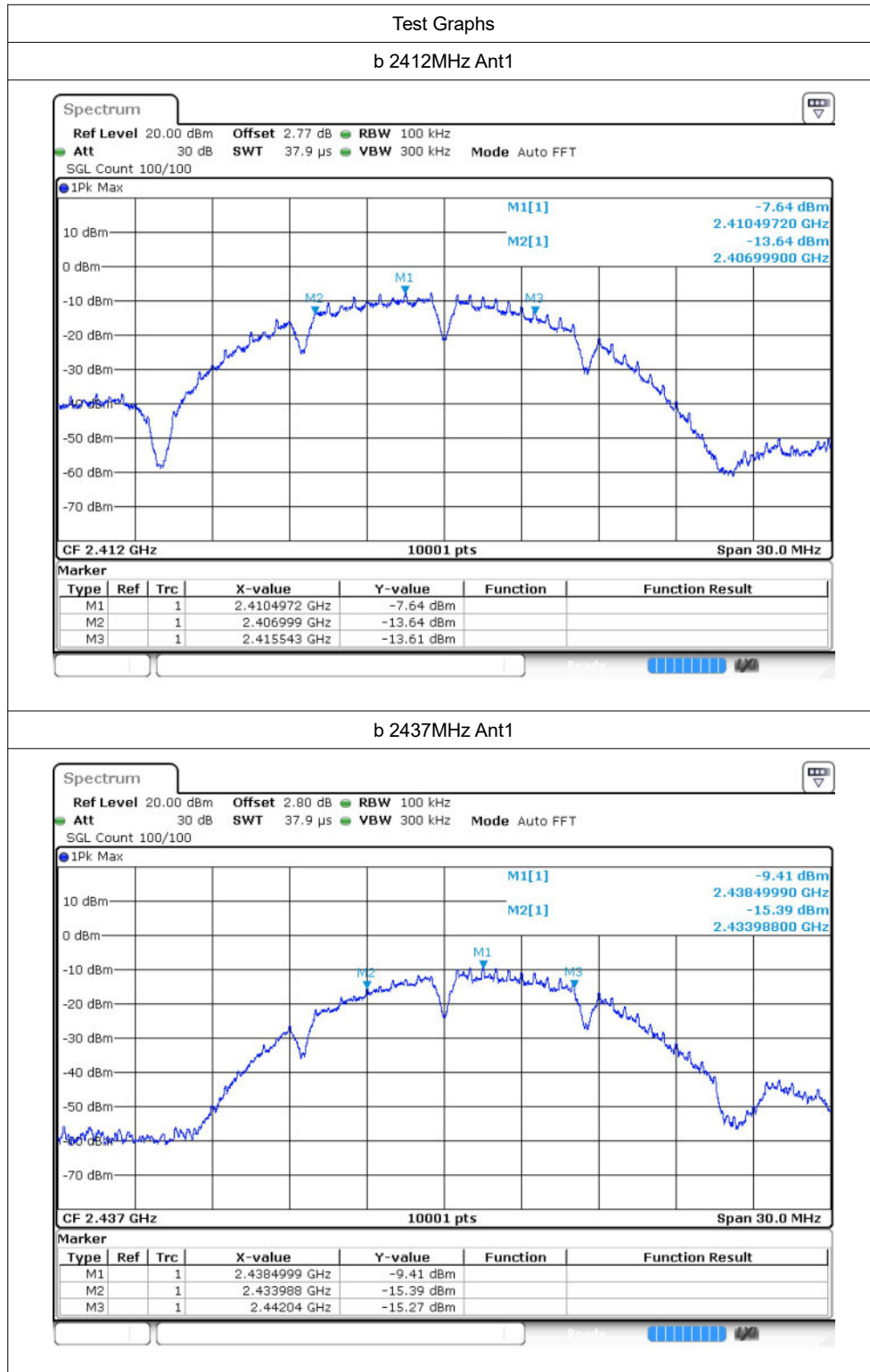


3 -6dB Bandwidth

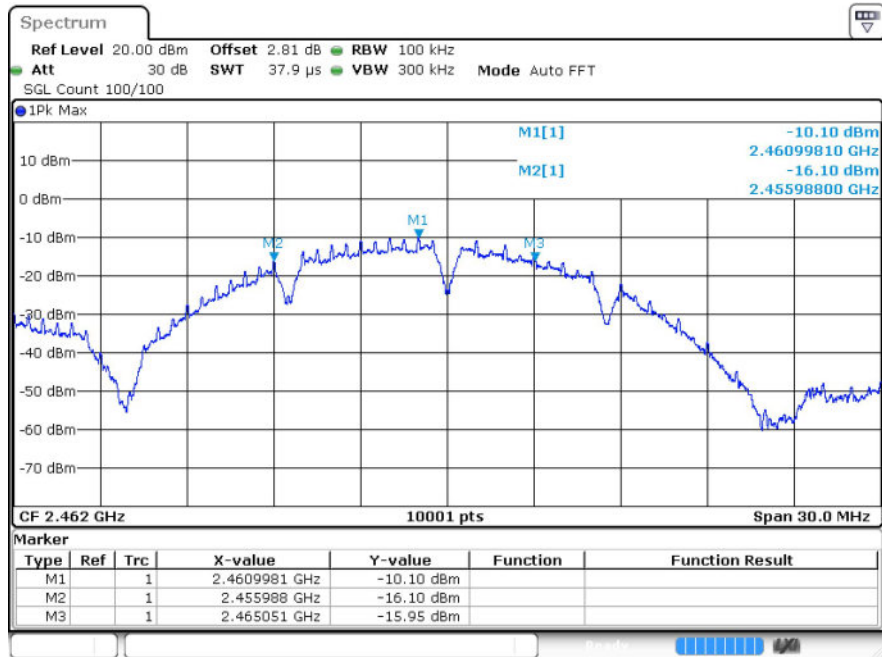
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant1	8.544	0.5	Pass
b	2437	Ant1	8.052	0.5	Pass
b	2462	Ant1	9.063	0.5	Pass
g	2412	Ant1	13.326	0.5	Pass
g	2437	Ant1	7.059	0.5	Pass
g	2462	Ant1	15.849	0.5	Pass
n20	2412	Ant1	11.301	0.5	Pass
n20	2437	Ant1	9.567	0.5	Pass
n20	2462	Ant1	13.941	0.5	Pass

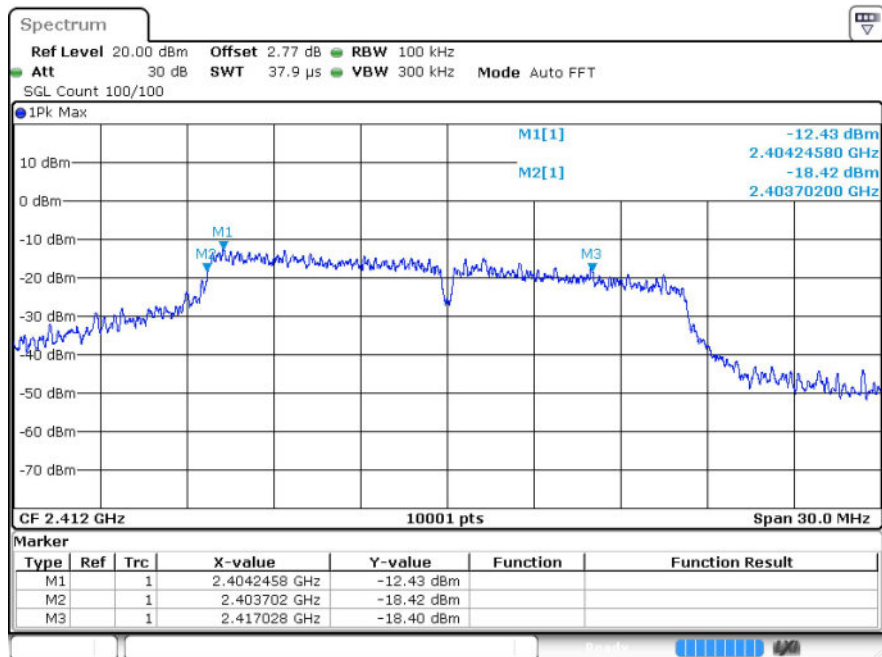
3.2 Test Graphs



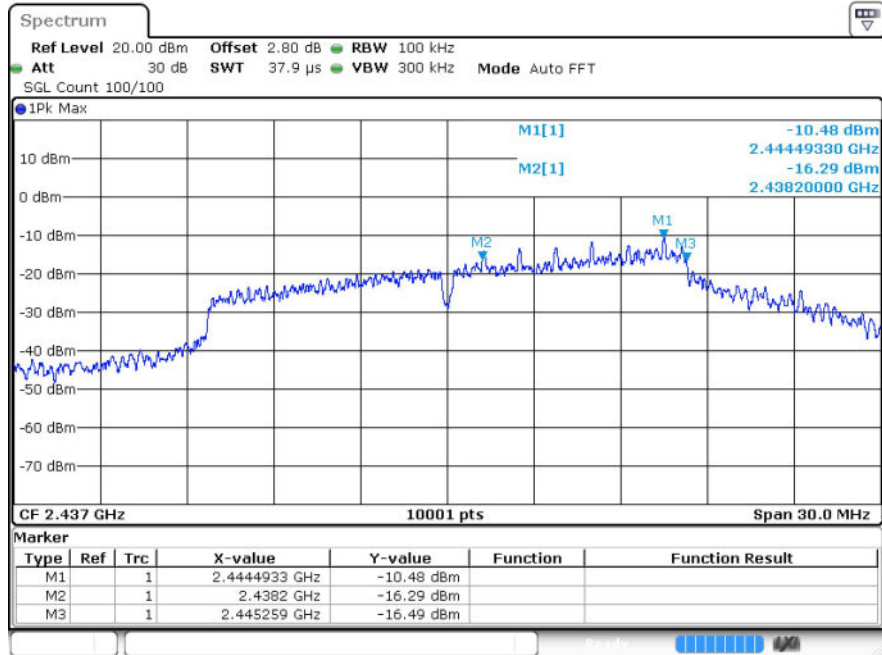
b 2462MHz Ant1



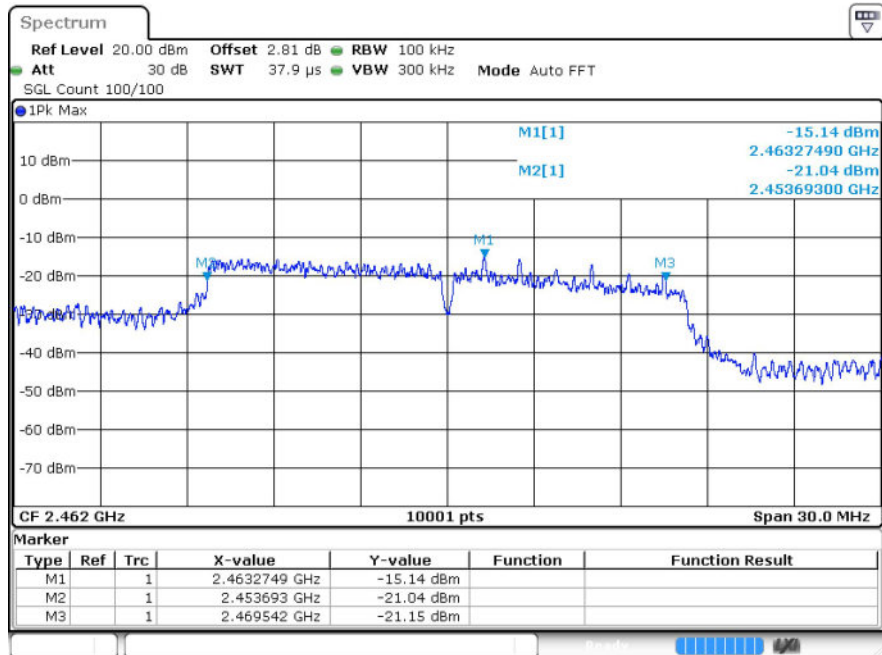
g 2412MHz Ant1



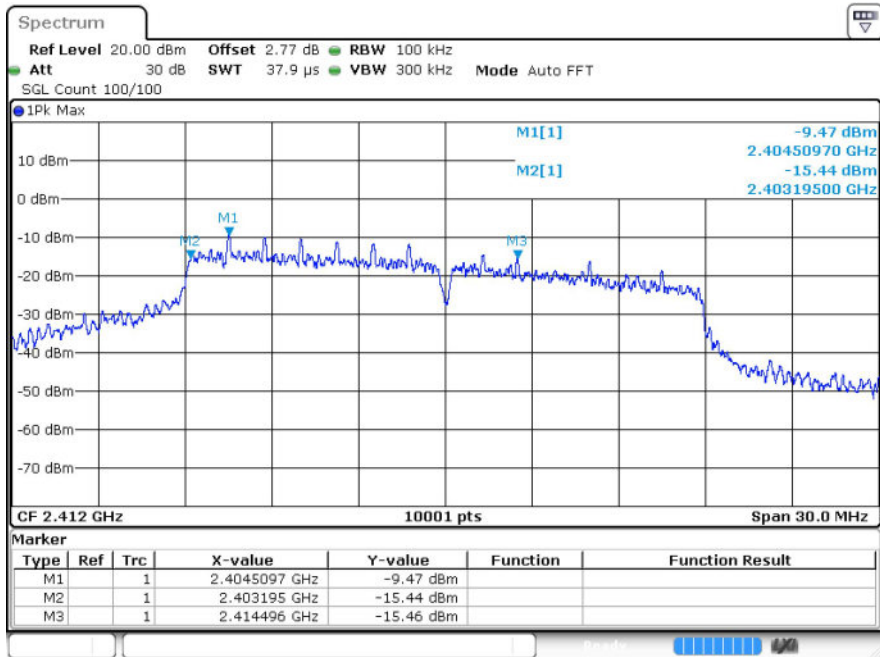
g 2437MHz Ant1



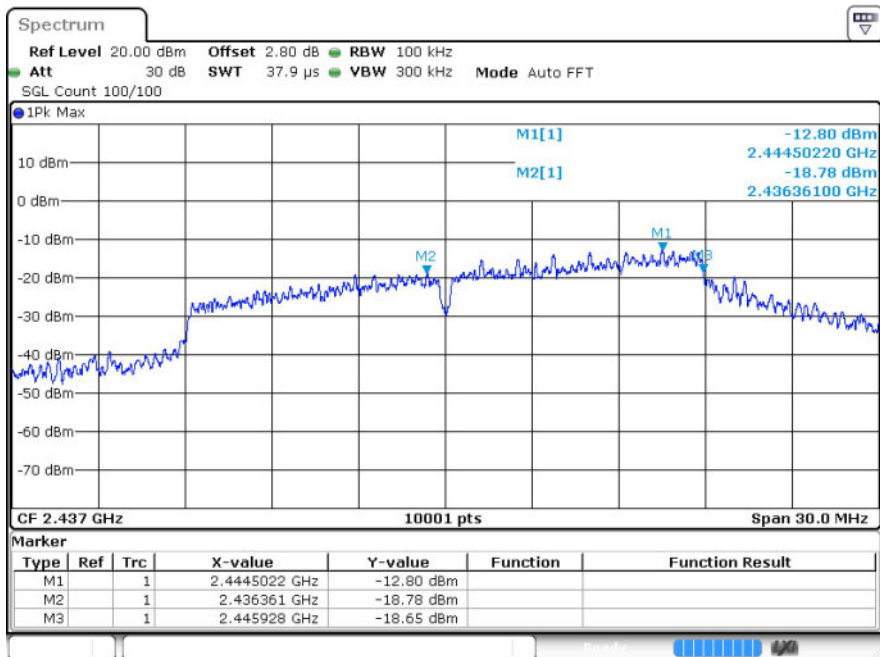
g 2462MHz Ant1

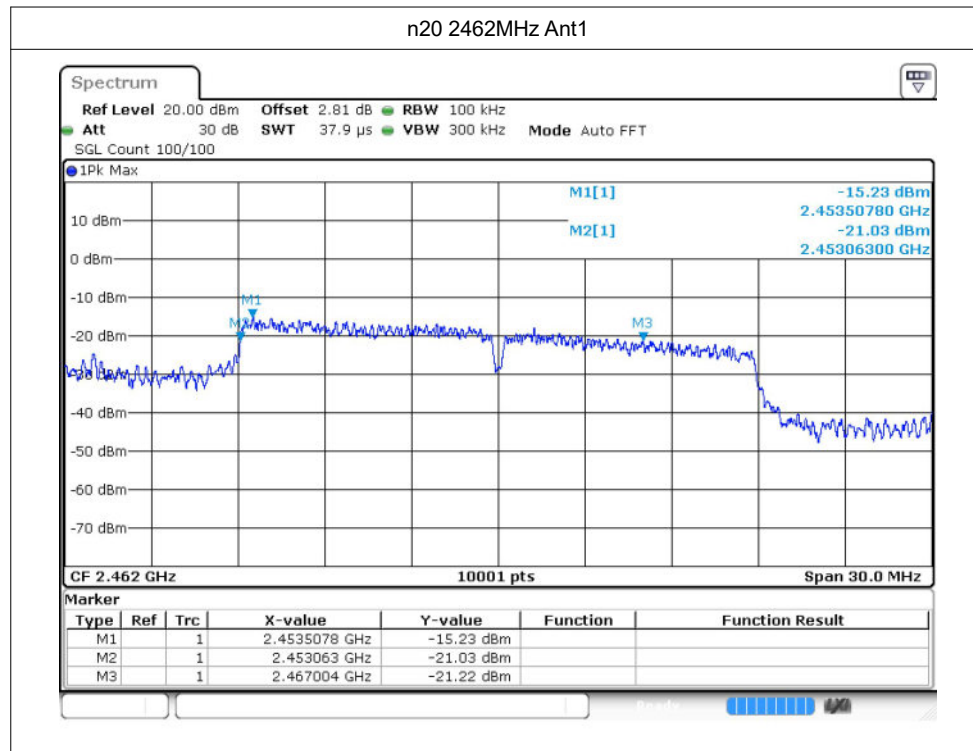


n20 2412MHz Ant1



n20 2437MHz Ant1



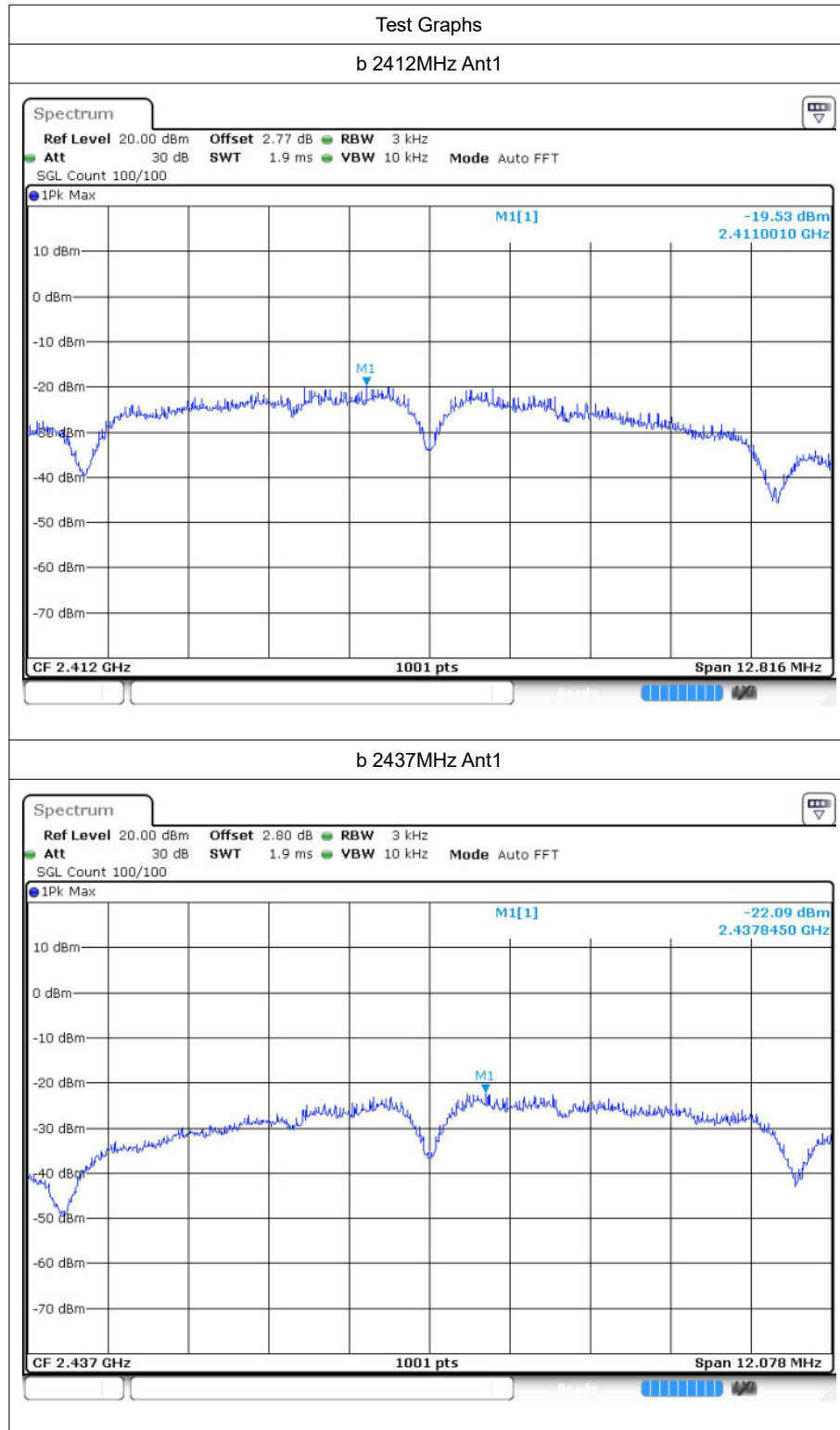


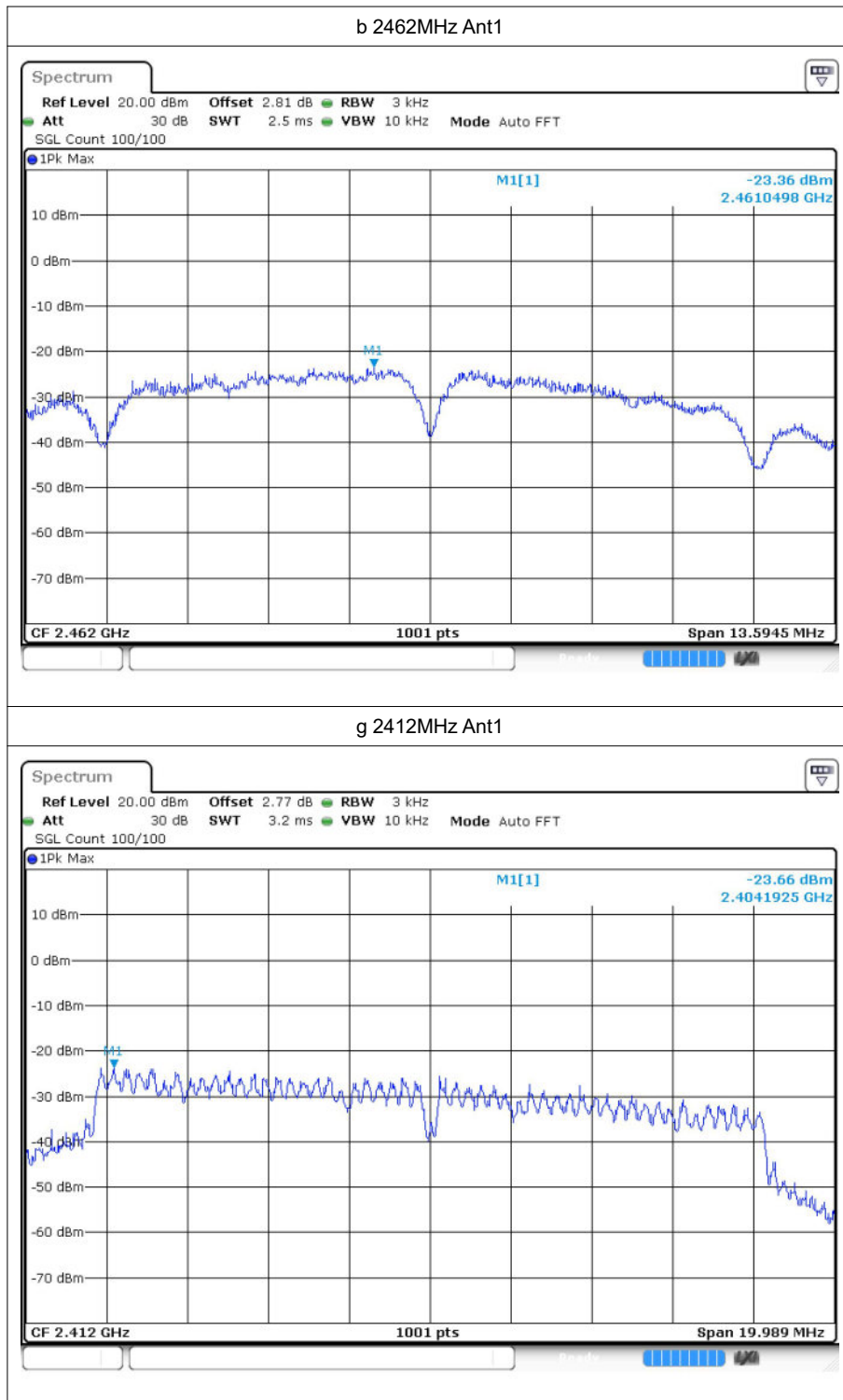
4 Maximum Power Spectral Density Level

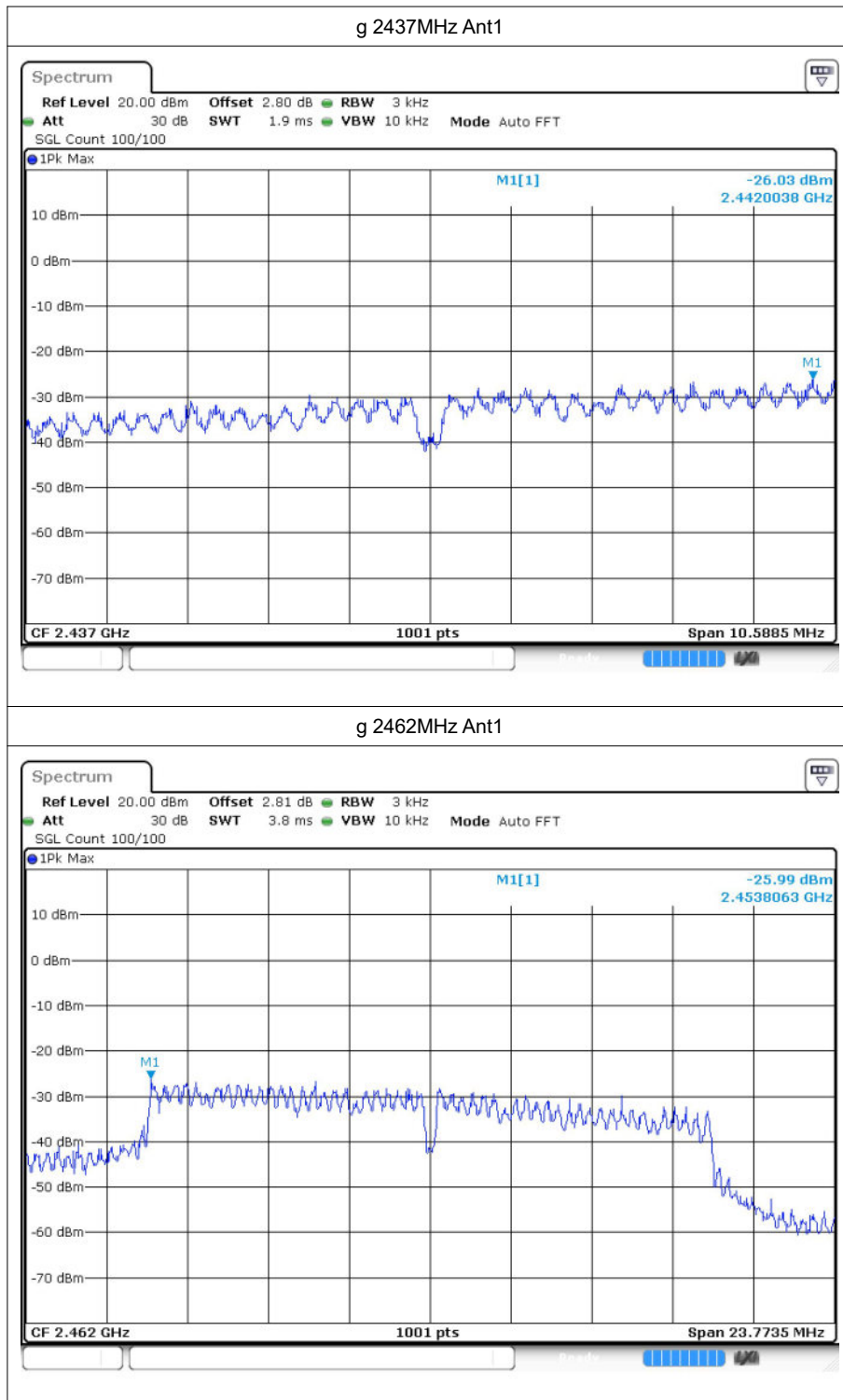
4.1 Test Result

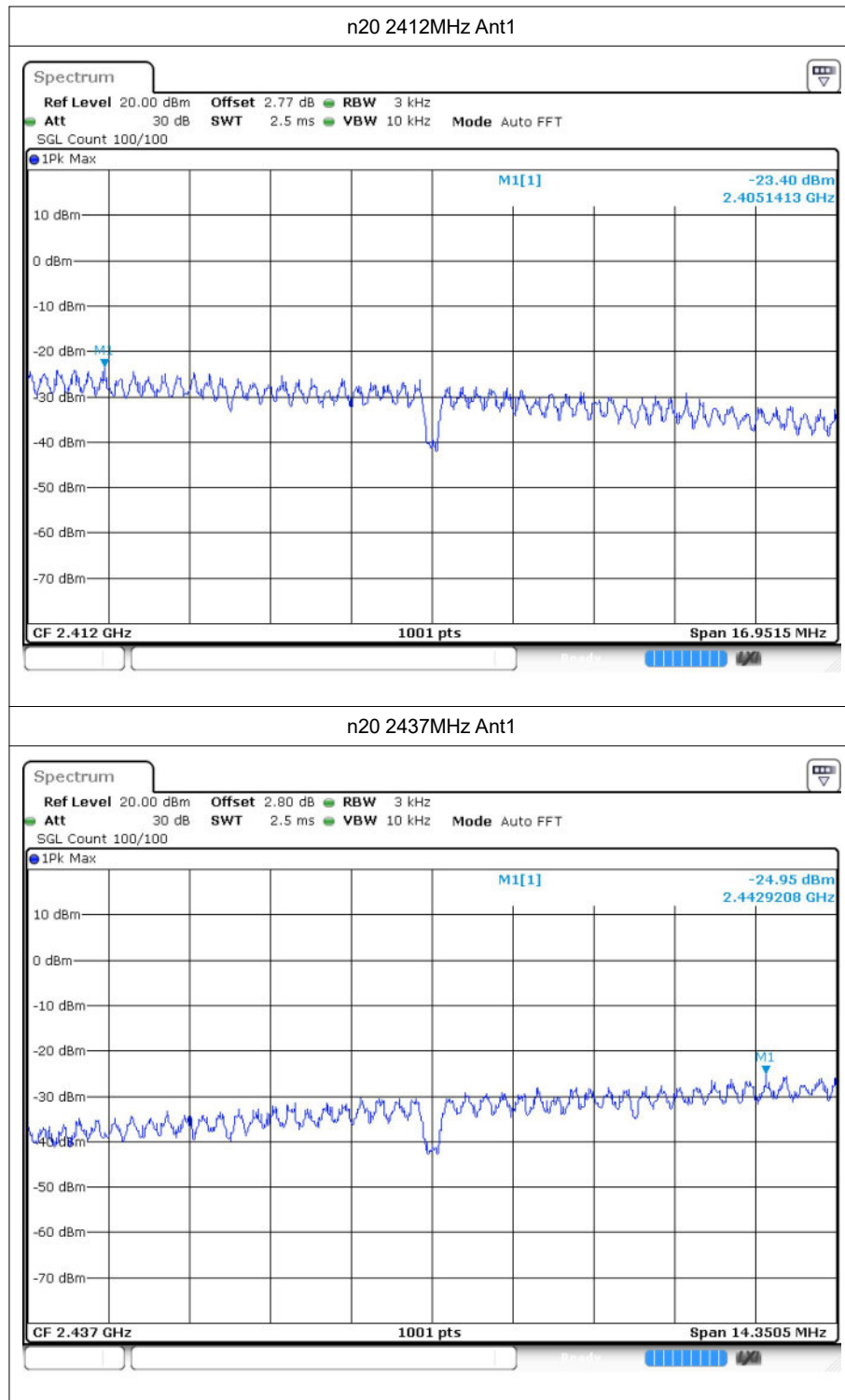
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
b	2412	Ant1	-19.53	≤ 8	Pass
b	2437	Ant1	-22.09	≤ 8	Pass
b	2462	Ant1	-23.36	≤ 8	Pass
g	2412	Ant1	-23.66	≤ 8	Pass
g	2437	Ant1	-26.03	≤ 8	Pass
g	2462	Ant1	-25.99	≤ 8	Pass
n20	2412	Ant1	-23.4	≤ 8	Pass
n20	2437	Ant1	-24.95	≤ 8	Pass
n20	2462	Ant1	-26.22	≤ 8	Pass

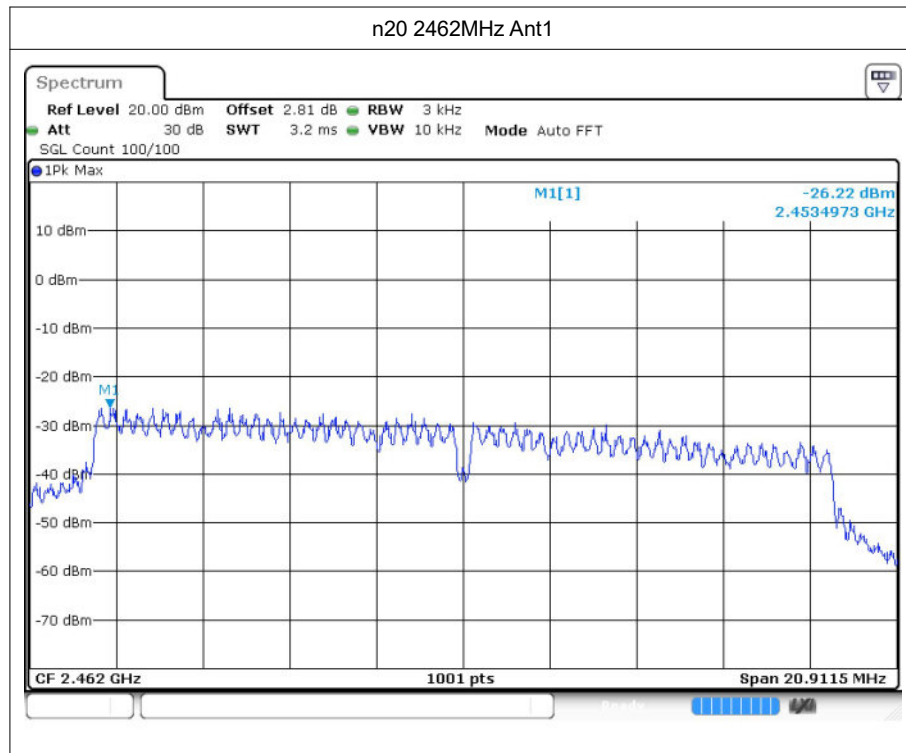
4.2 Test Graphs











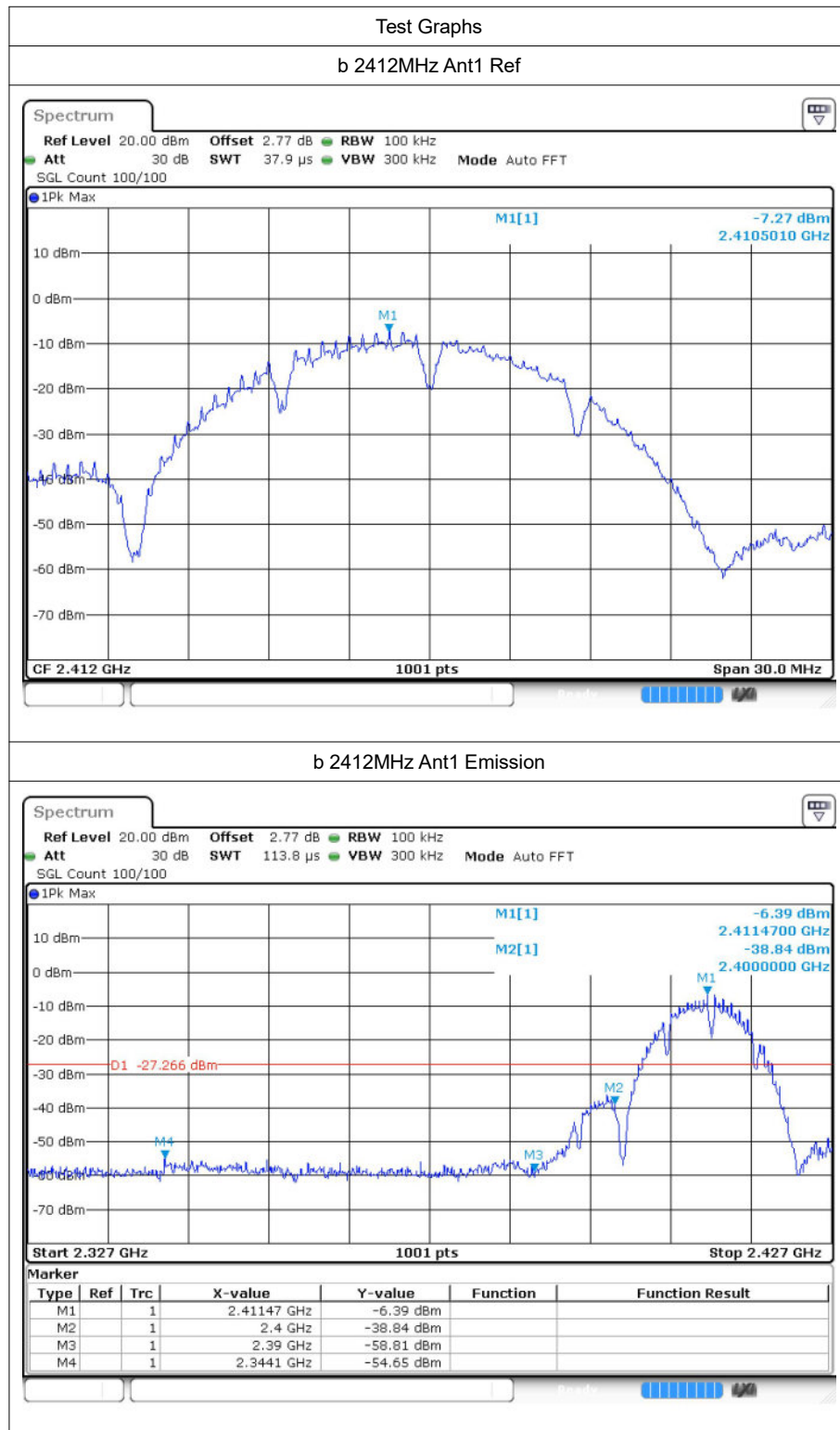


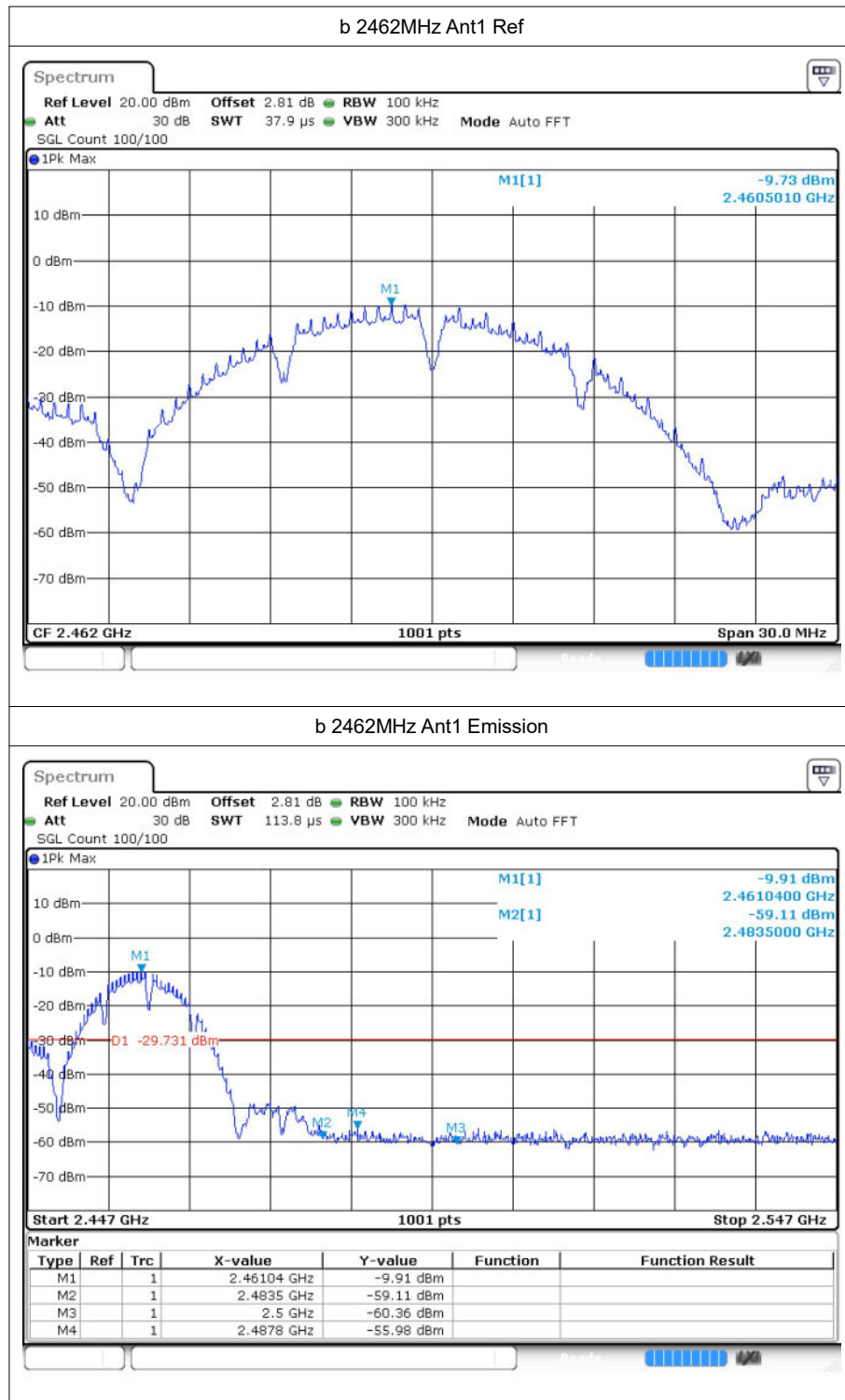
5 Band Edge

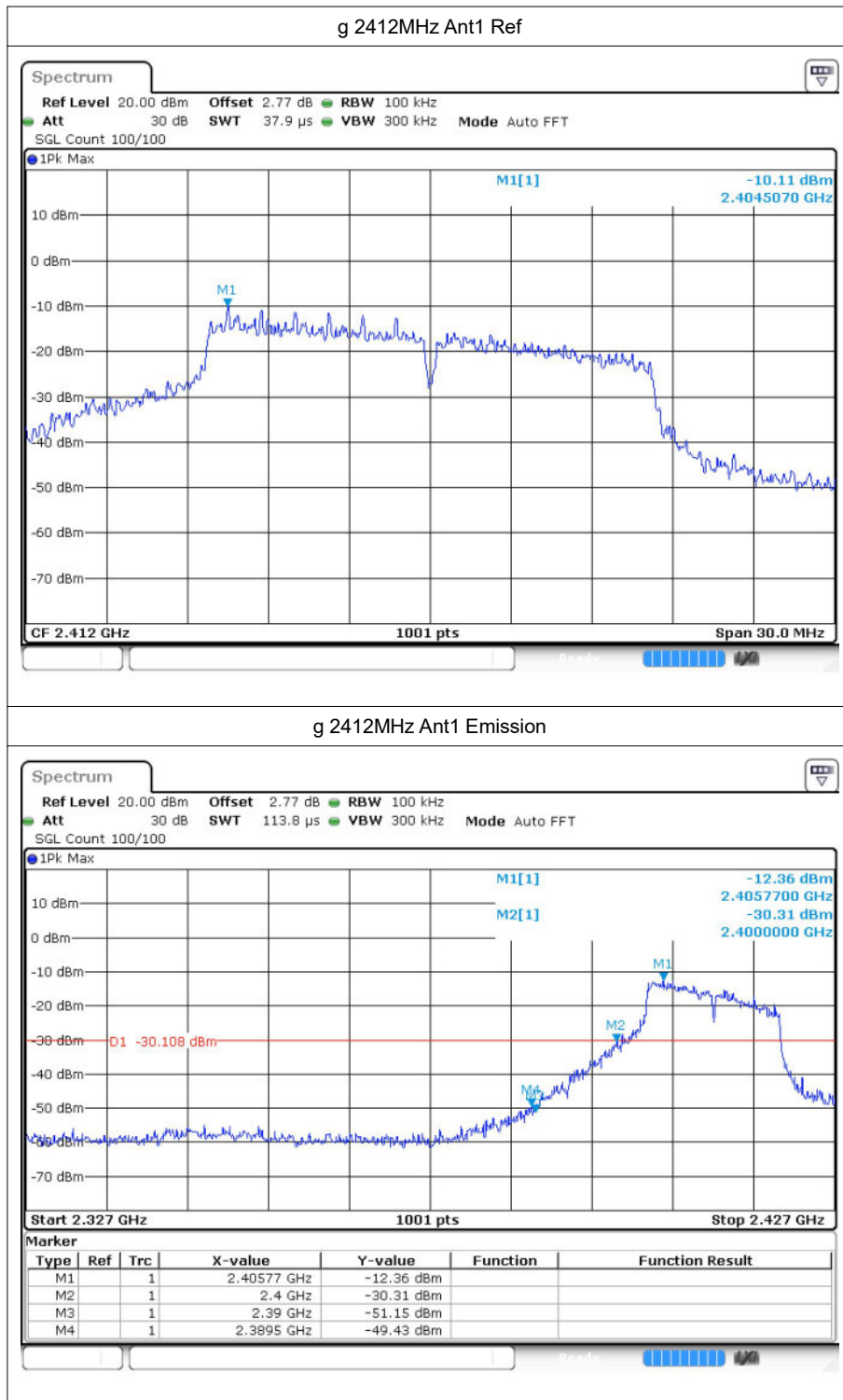
5.1 Test Result

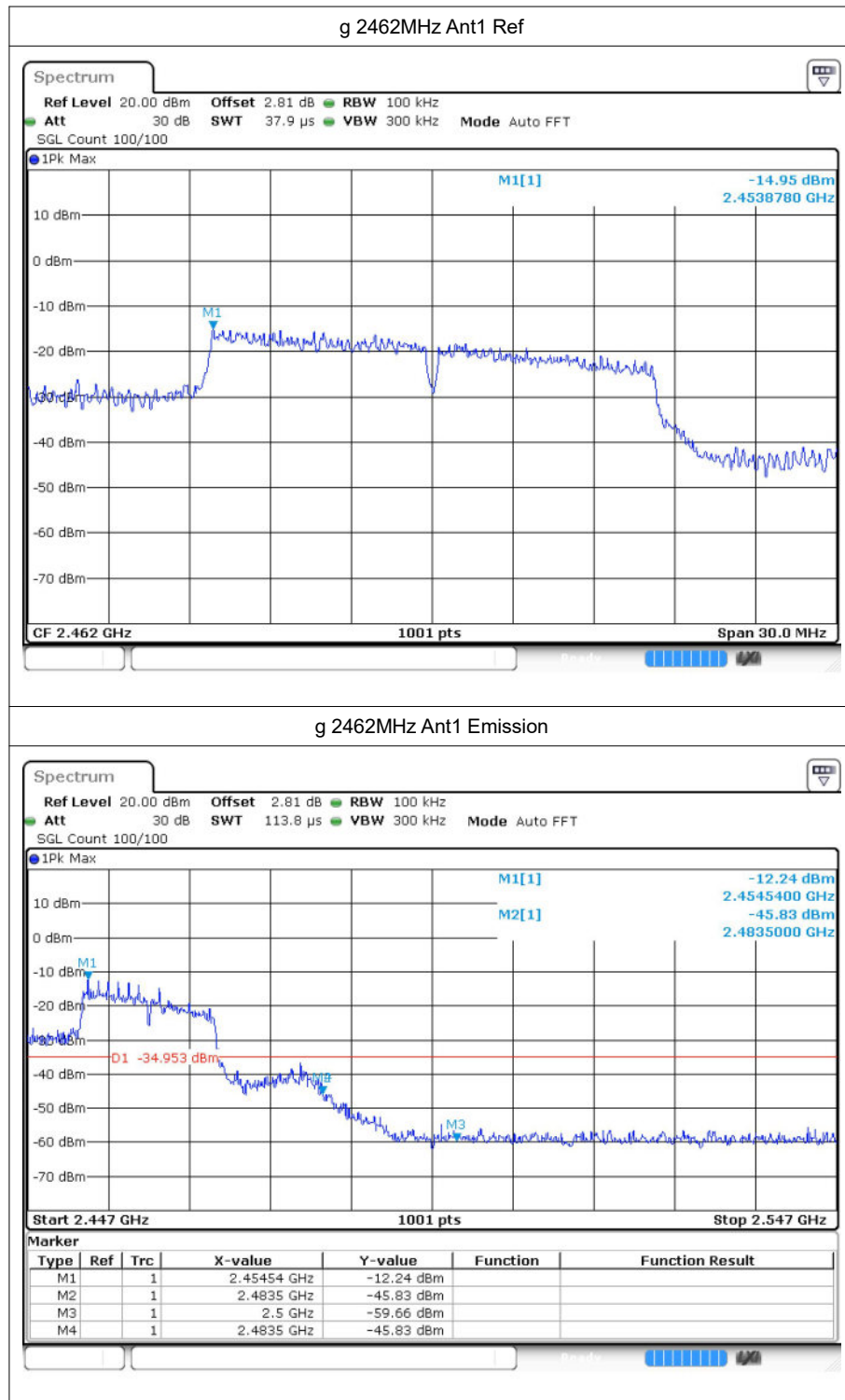
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-47.37	-20	Pass
b	2462	Ant1	-46.25	-20	Pass
g	2412	Ant1	-39.32	-20	Pass
g	2462	Ant1	-30.88	-20	Pass
n20	2412	Ant1	-34.23	-20	Pass
n20	2462	Ant1	-33.51	-20	Pass

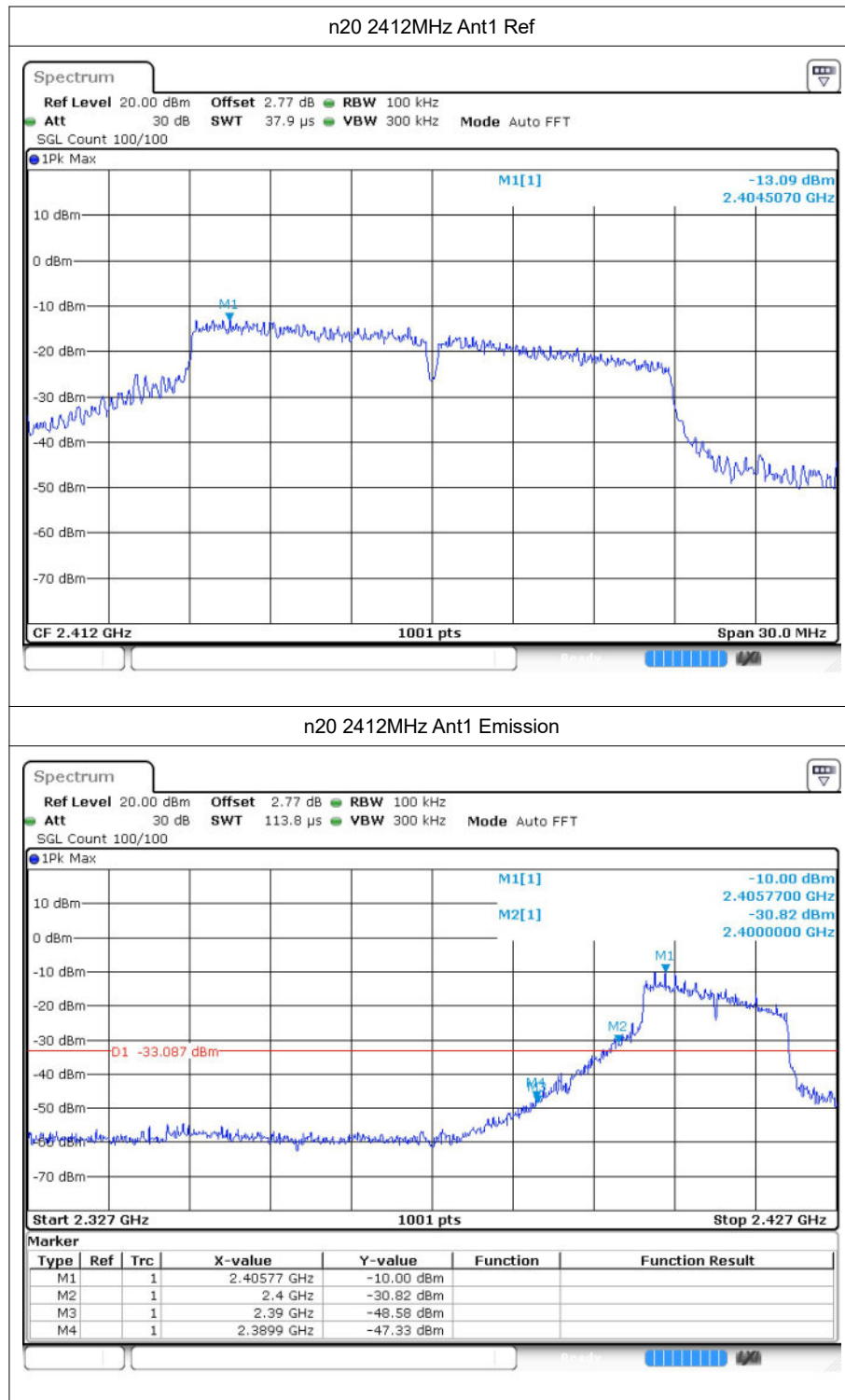
5.2 Test Graphs

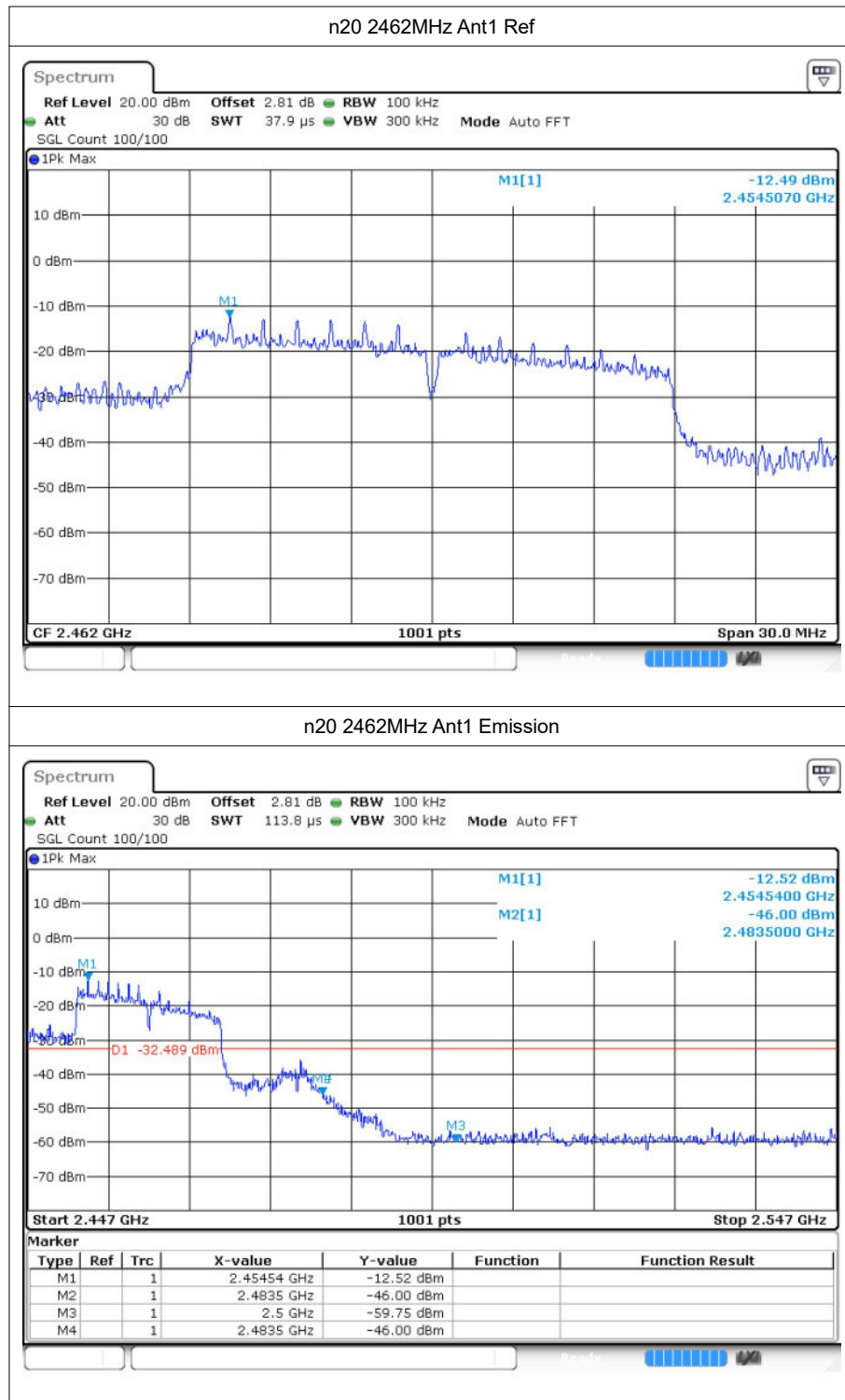












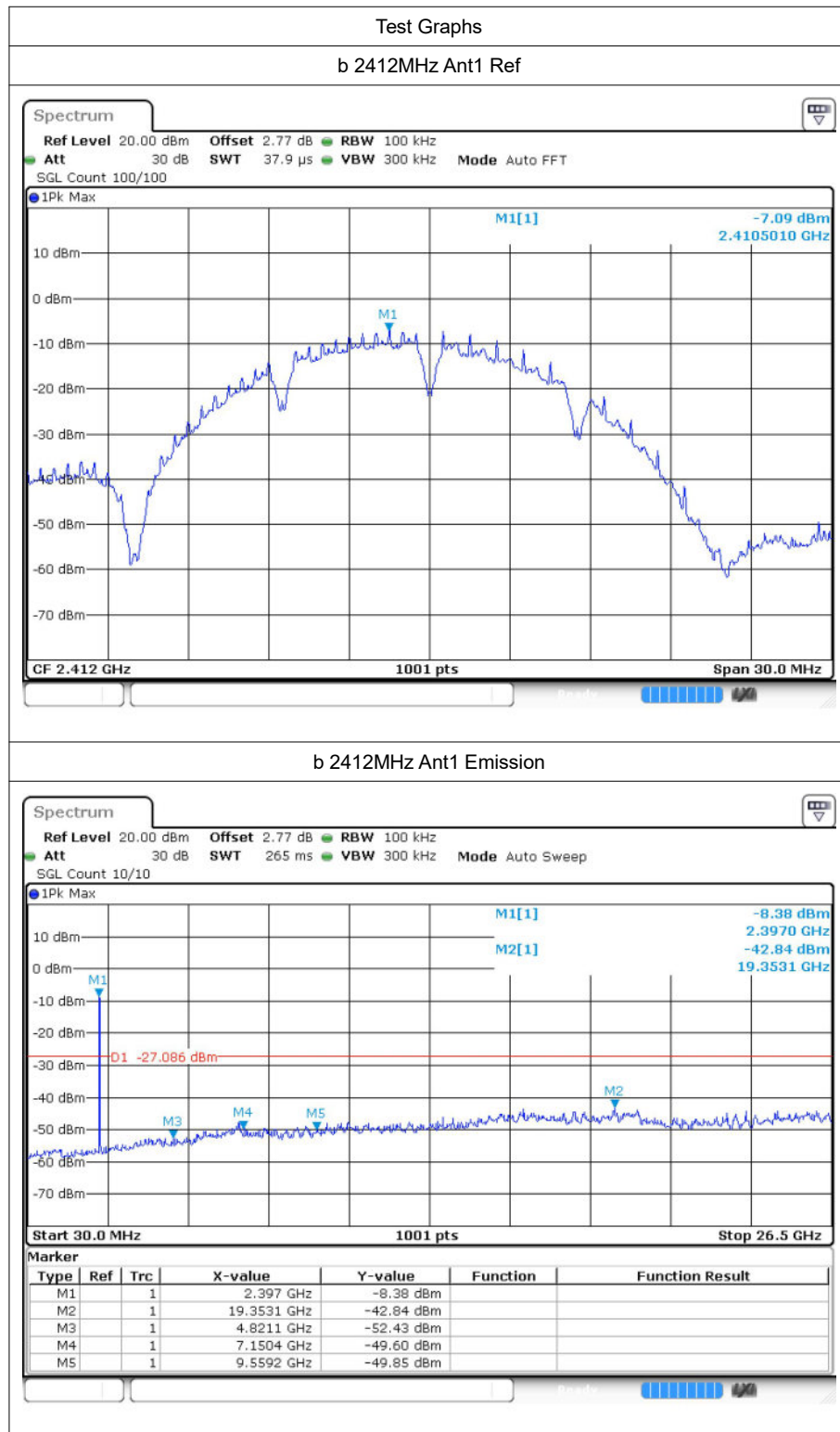


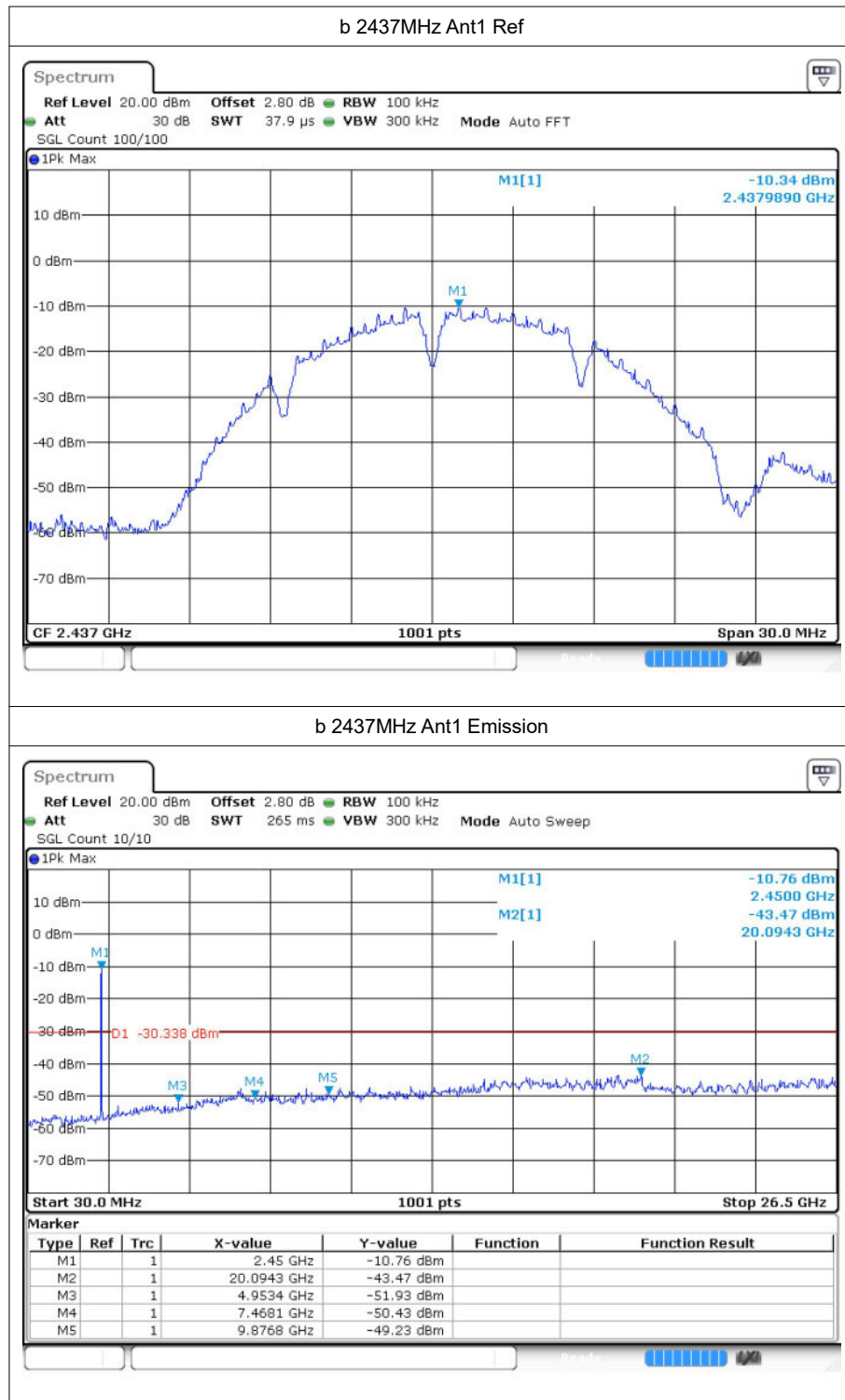
6 Conducted RF Spurious Emission

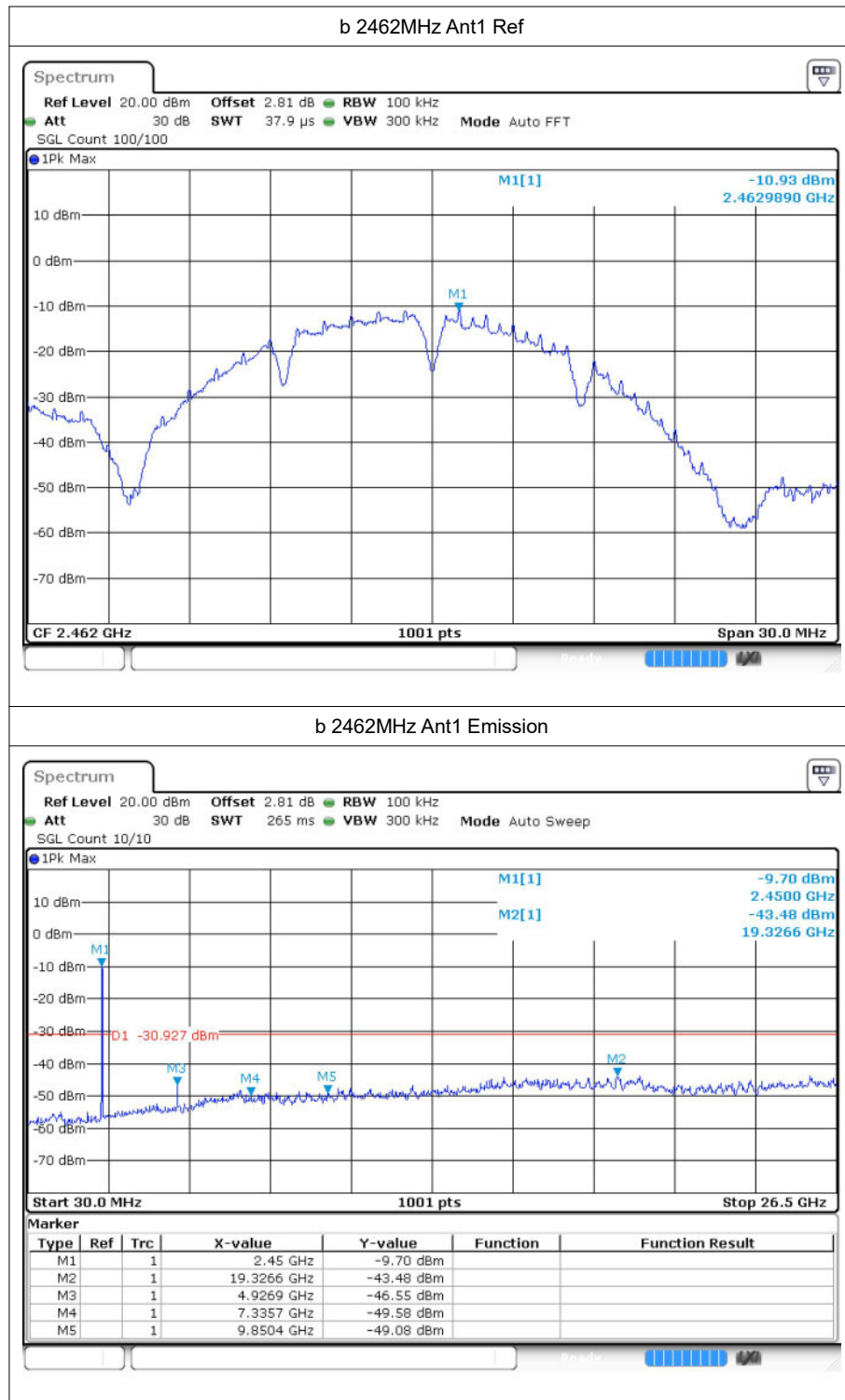
6.1 Test Result

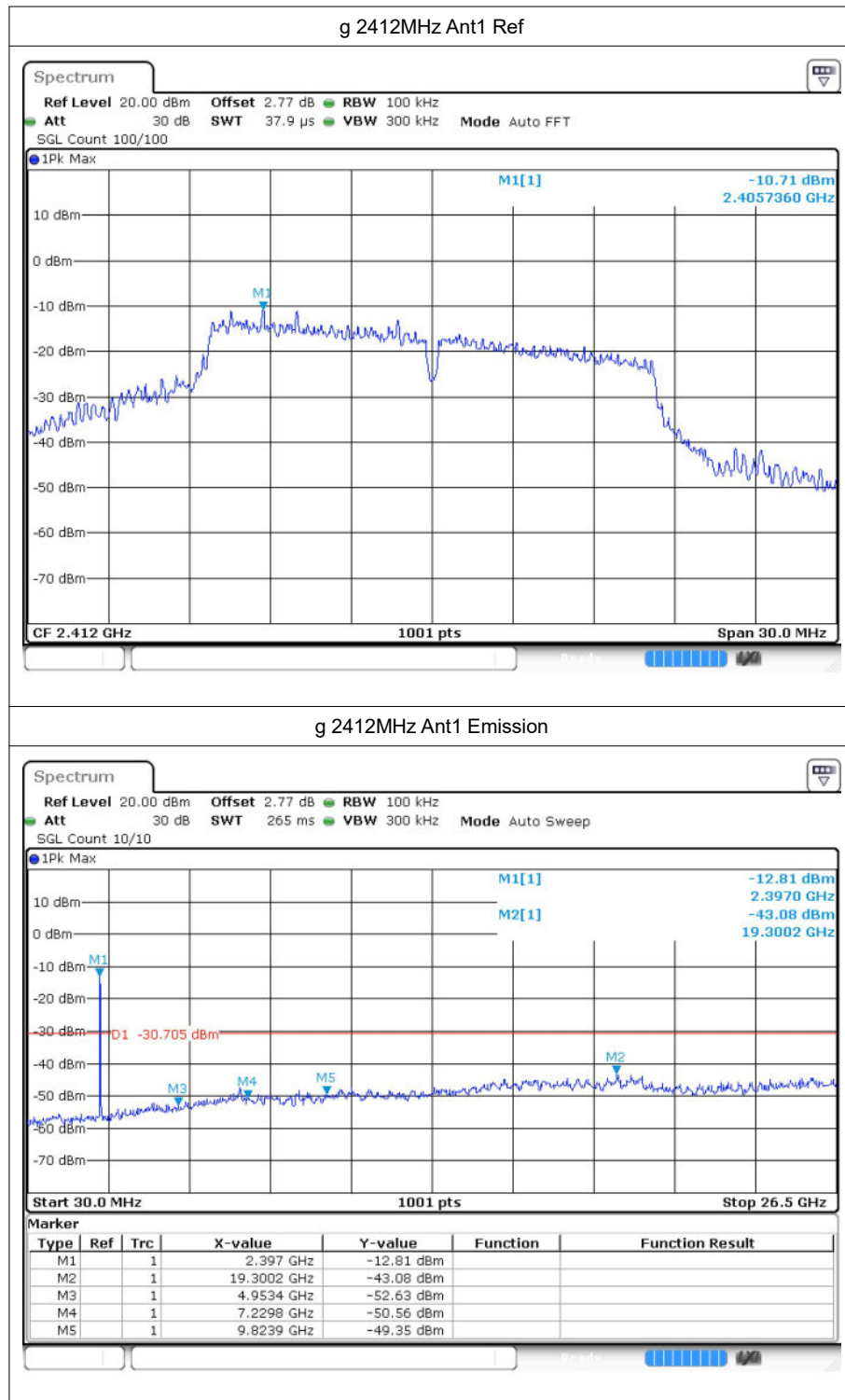
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-35.74	-20	Pass
b	2437	Ant1	-33.13	-20	Pass
b	2462	Ant1	-32.55	-20	Pass
g	2412	Ant1	-32.37	-20	Pass
g	2437	Ant1	-31.67	-20	Pass
g	2462	Ant1	-28.11	-20	Pass
n20	2412	Ant1	-30.69	-20	Pass
n20	2437	Ant1	-30.55	-20	Pass
n20	2462	Ant1	-27.46	-20	Pass

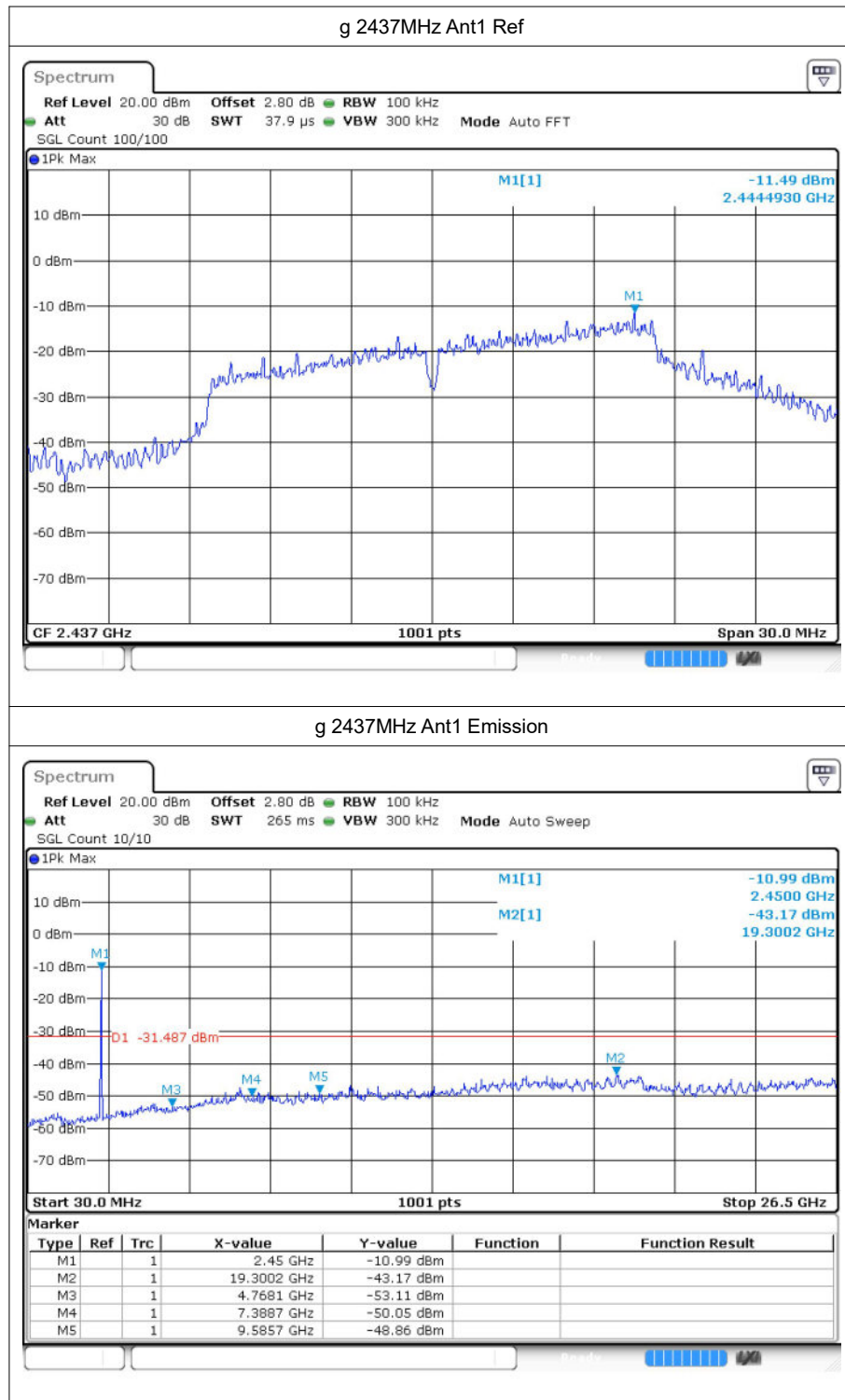
6.2 Test Graphs

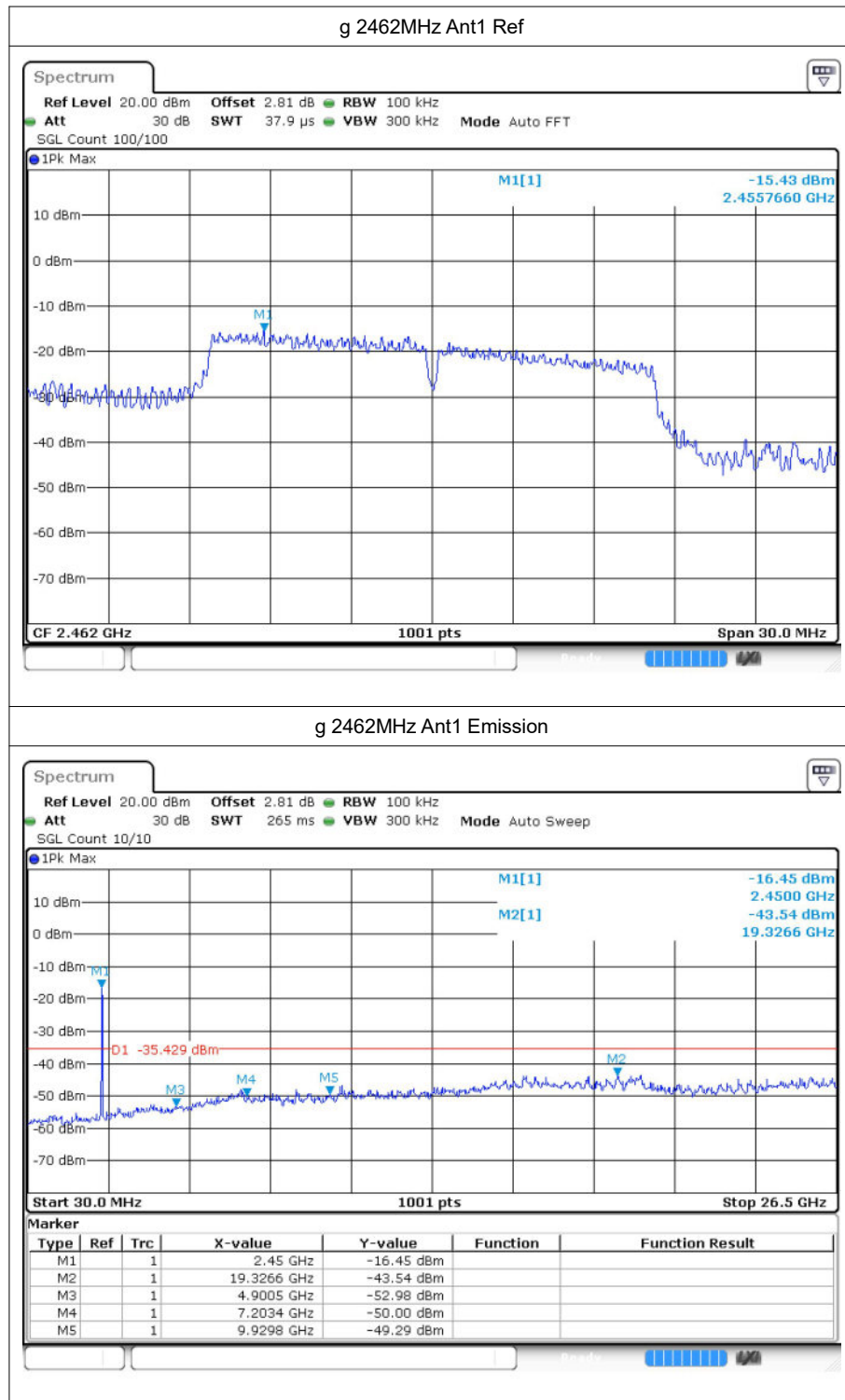


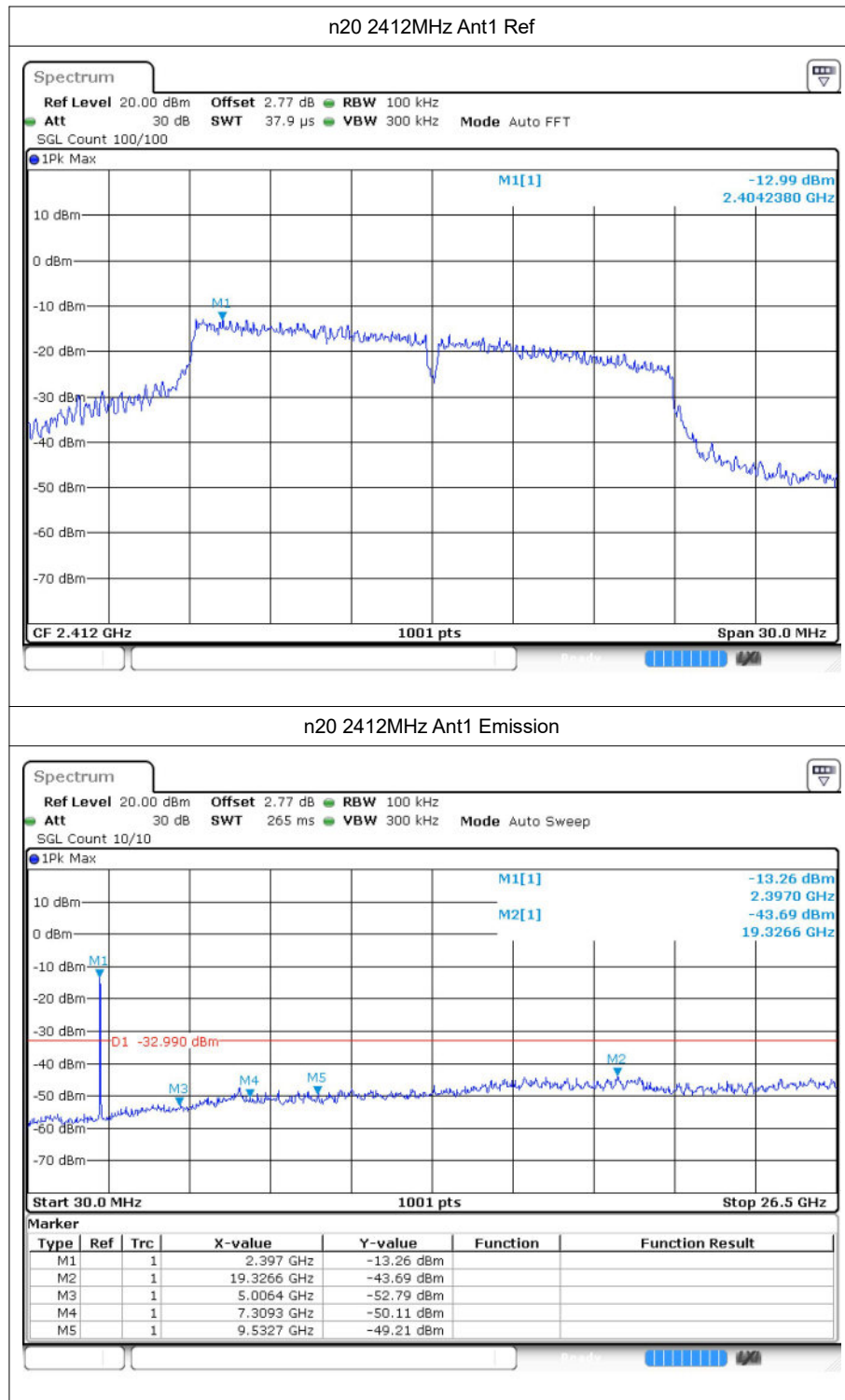


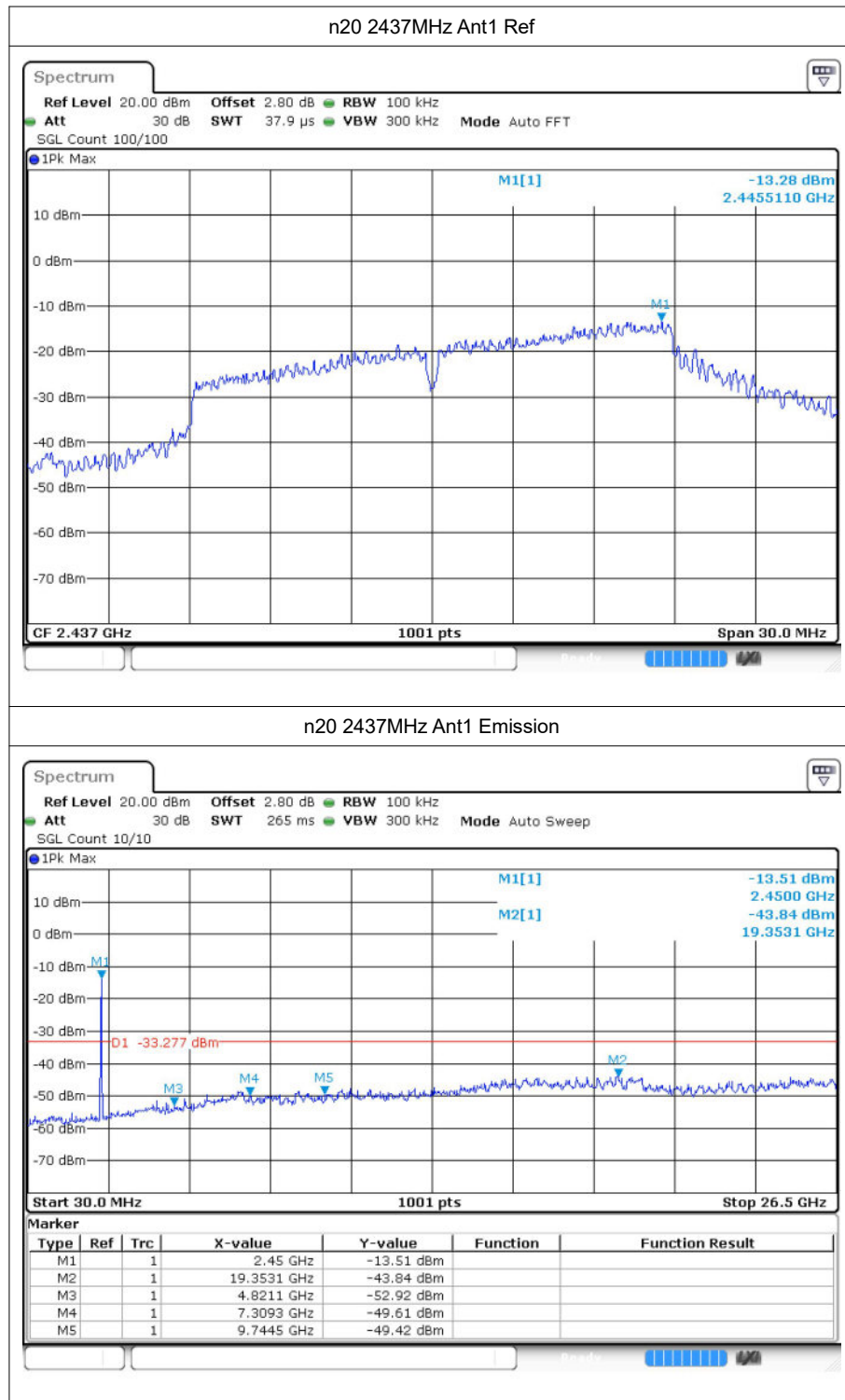


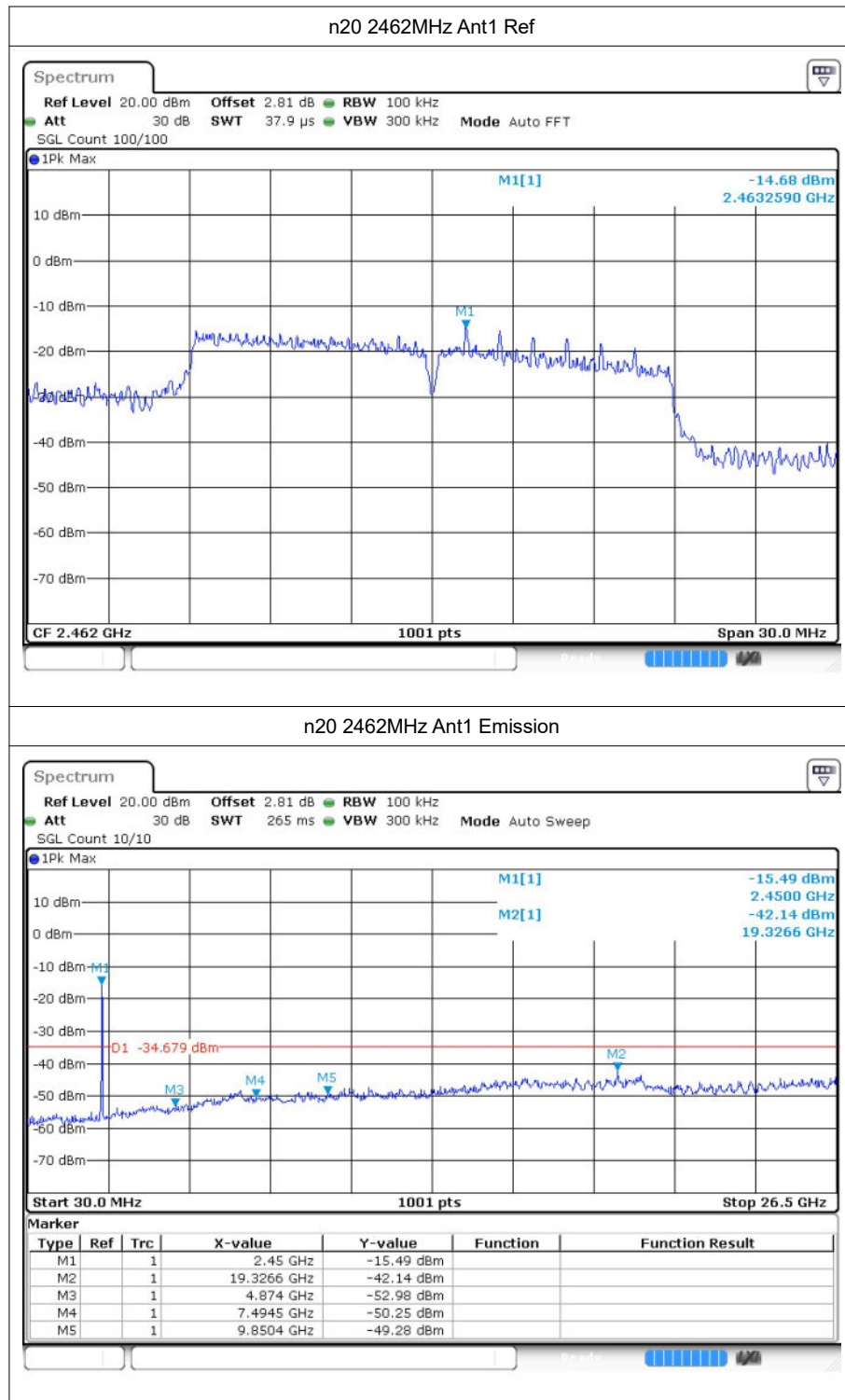












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