



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Tablet

Trade Mark:

SUANT, **UJJ**, **Oghrti**, **DEERTIME**, **ZIOVO**, **DMOAO**, **SKYEGG**,
fezawio, **JUEDUR**, **Biegedy**, **FACETEL**, **JUSYEA**, **SEBBE**,
Oangcc

Test Model: S10

Environmental Conditions

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



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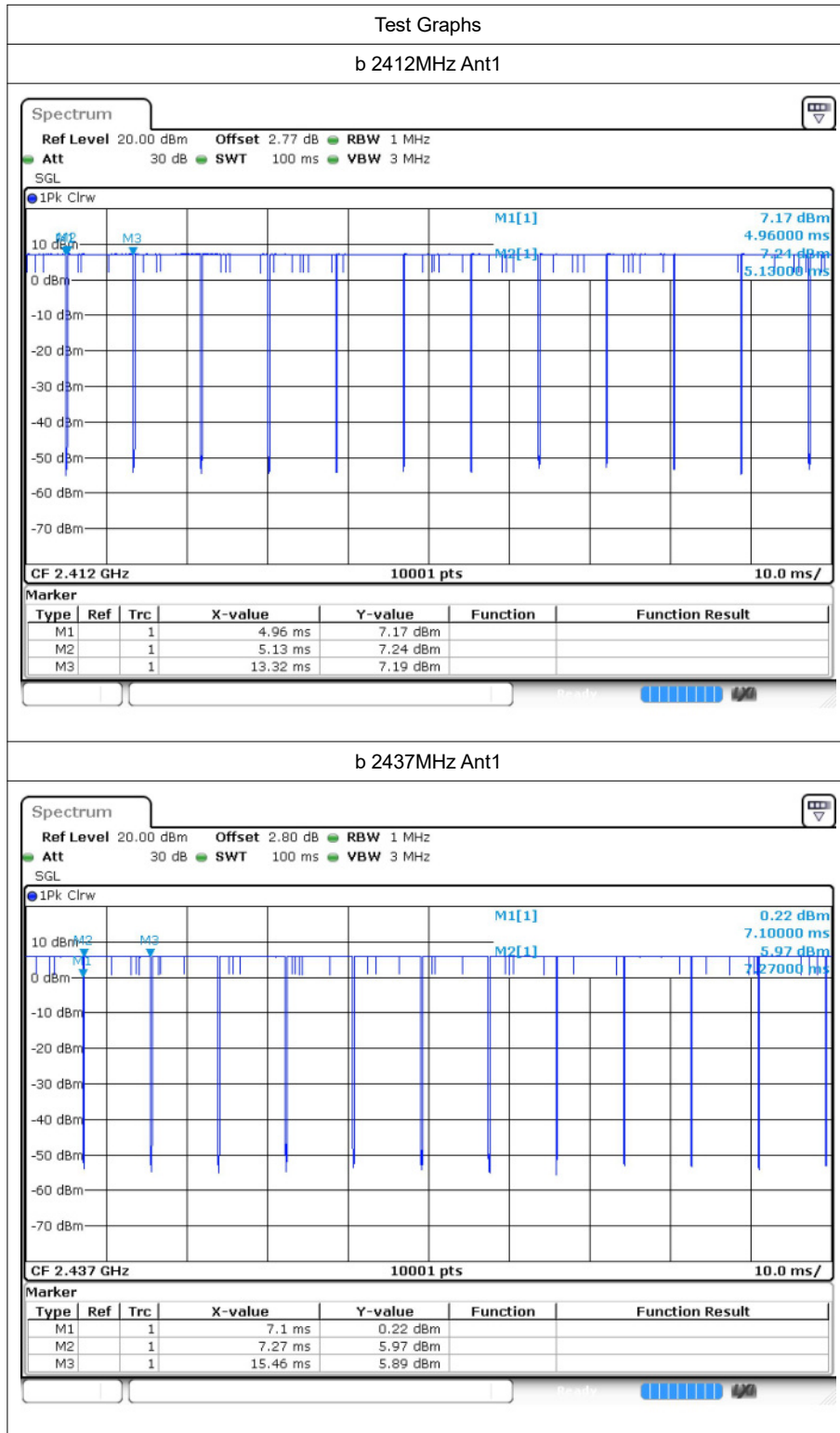


1 Duty Cycle

1.1 Test Result

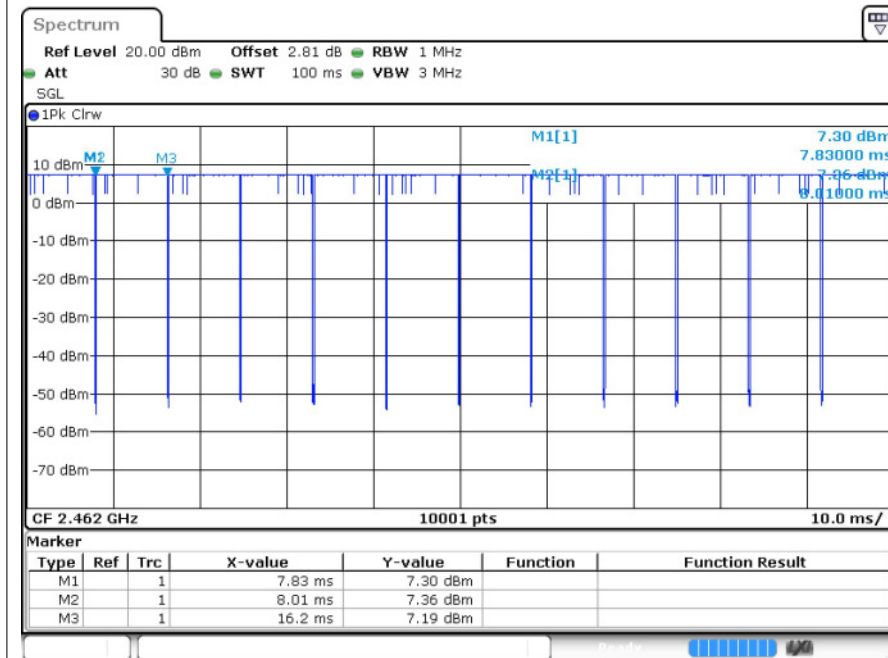
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor	1/T (kHz)
b	2412	Ant1	97.92	0.09	0.12
b	2437	Ant1	97.92	0.09	0.12
b	2462	Ant1	98.06	0.09	0.12
g	2412	Ant1	88.4	0.54	0.74
g	2437	Ant1	88.41	0.53	0.74
g	2462	Ant1	88.39	0.54	0.74
n20	2412	Ant1	87.14	0.6	0.88
n20	2437	Ant1	87.31	0.59	0.87
n20	2462	Ant1	87.15	0.6	0.87
n40	2422	Ant1	77.54	1.1	1.72
n40	2437	Ant1	77.76	1.09	1.75
n40	2452	Ant1	77.62	1.1	1.75

1.2 Test Graphs

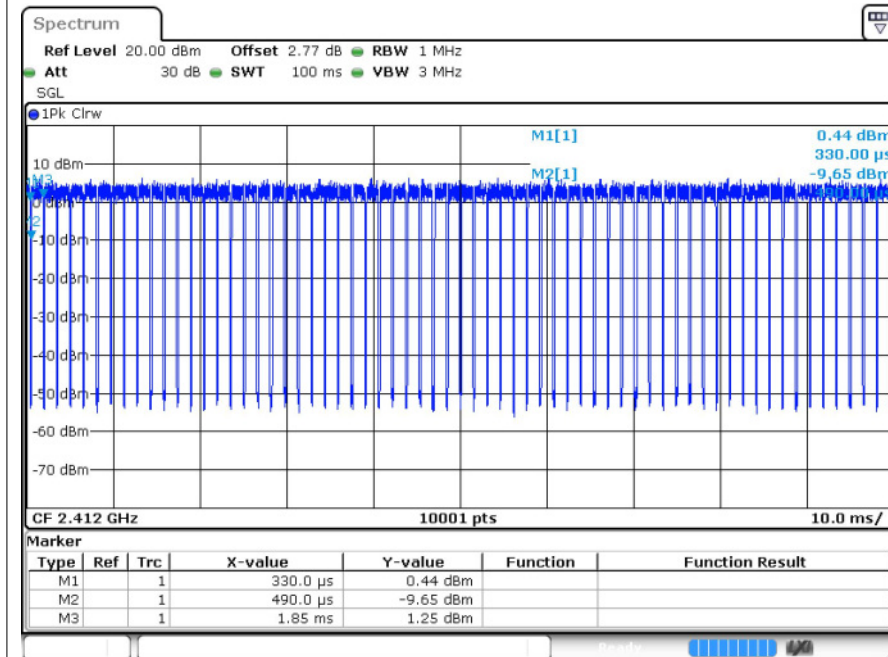


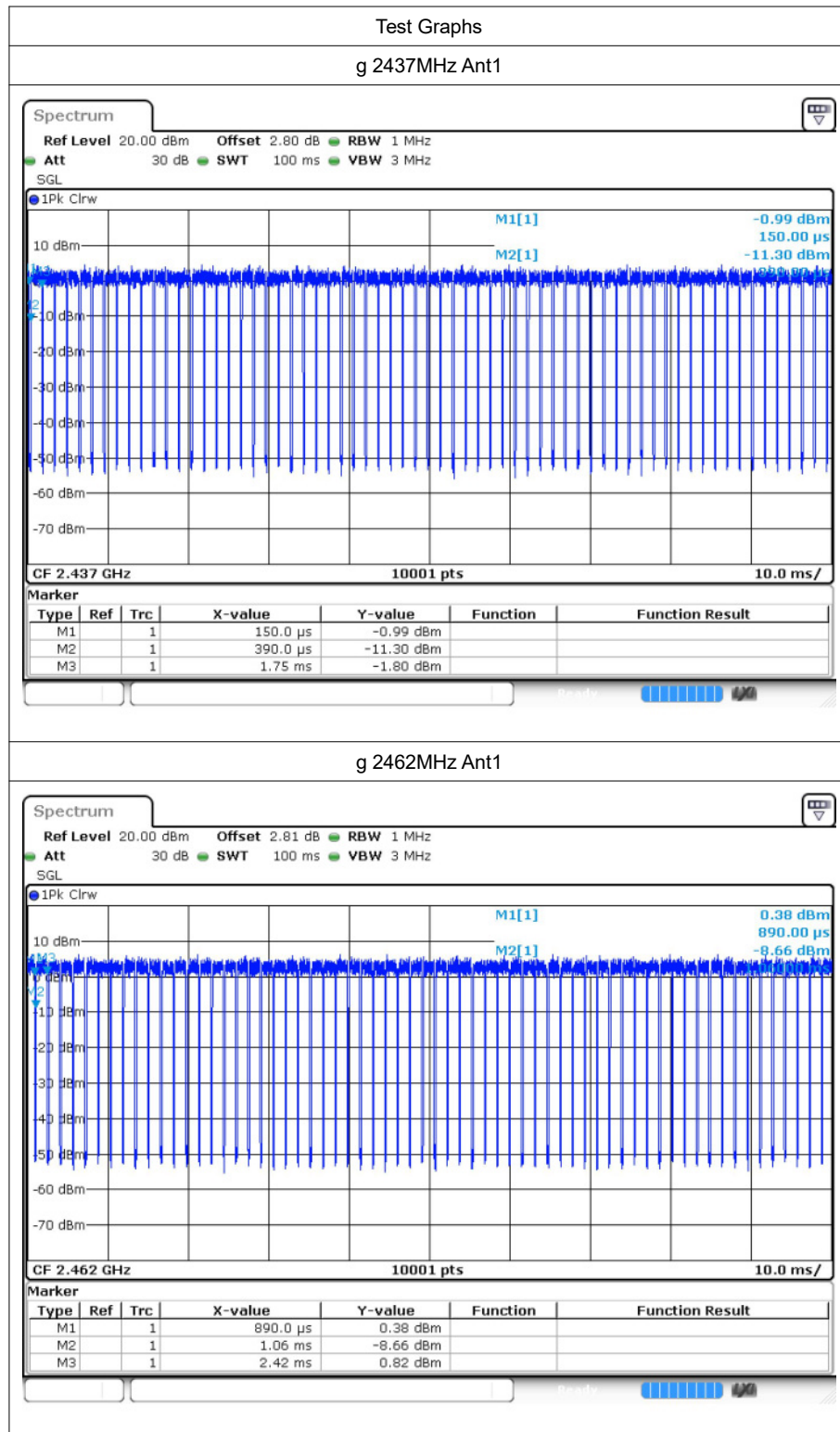
Test Graphs

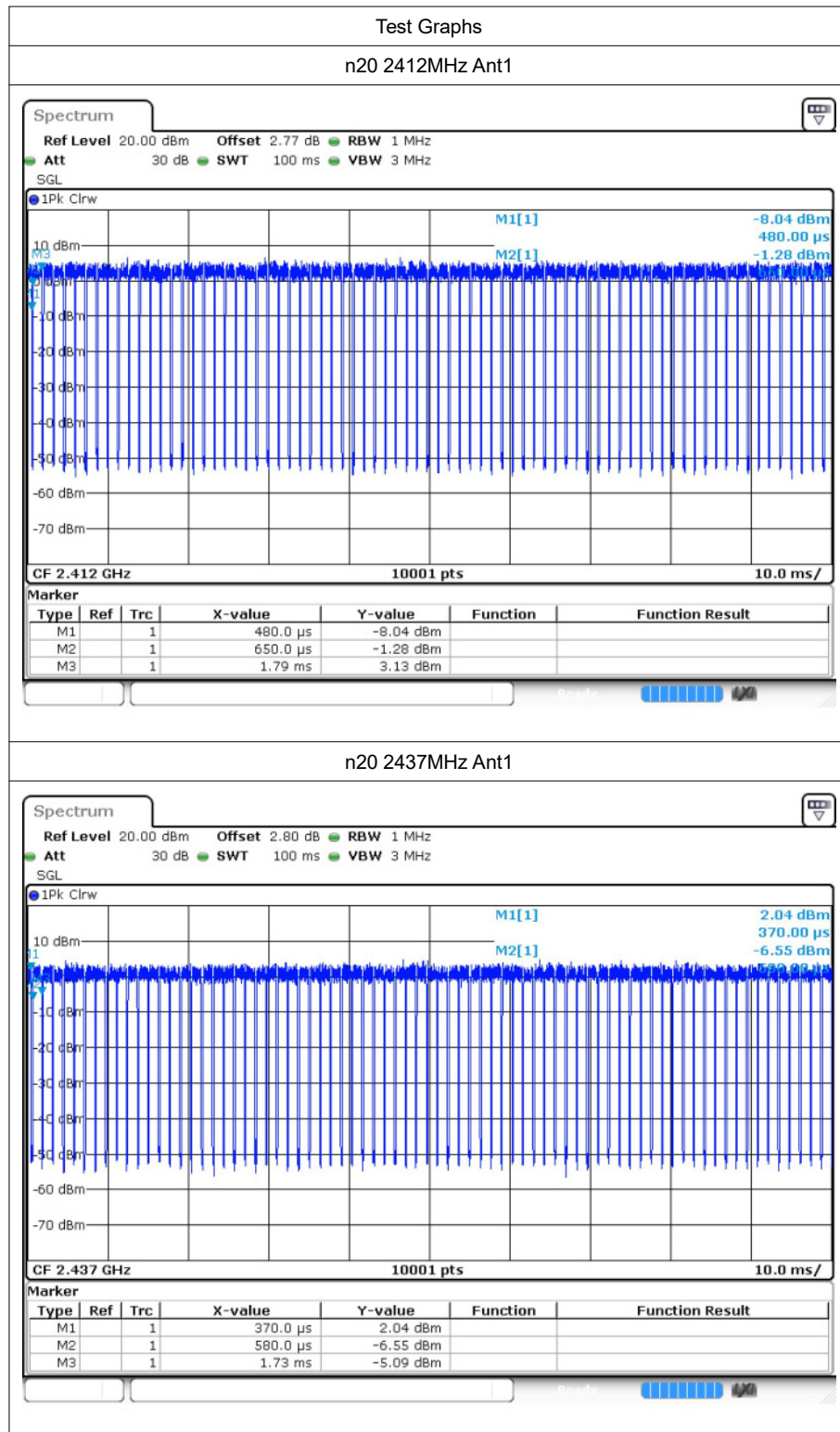
b 2462MHz Ant1



g 2412MHz Ant1

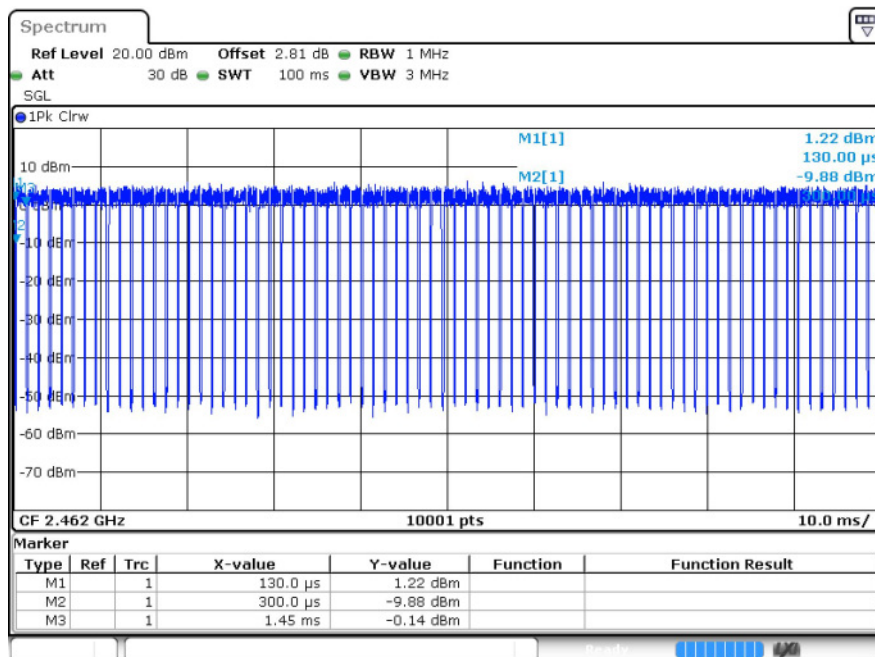




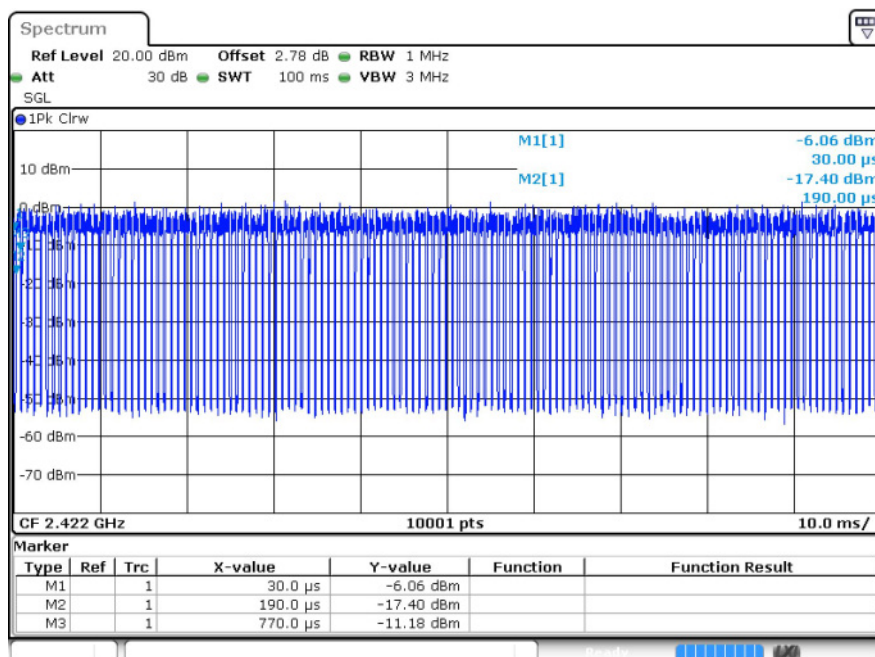


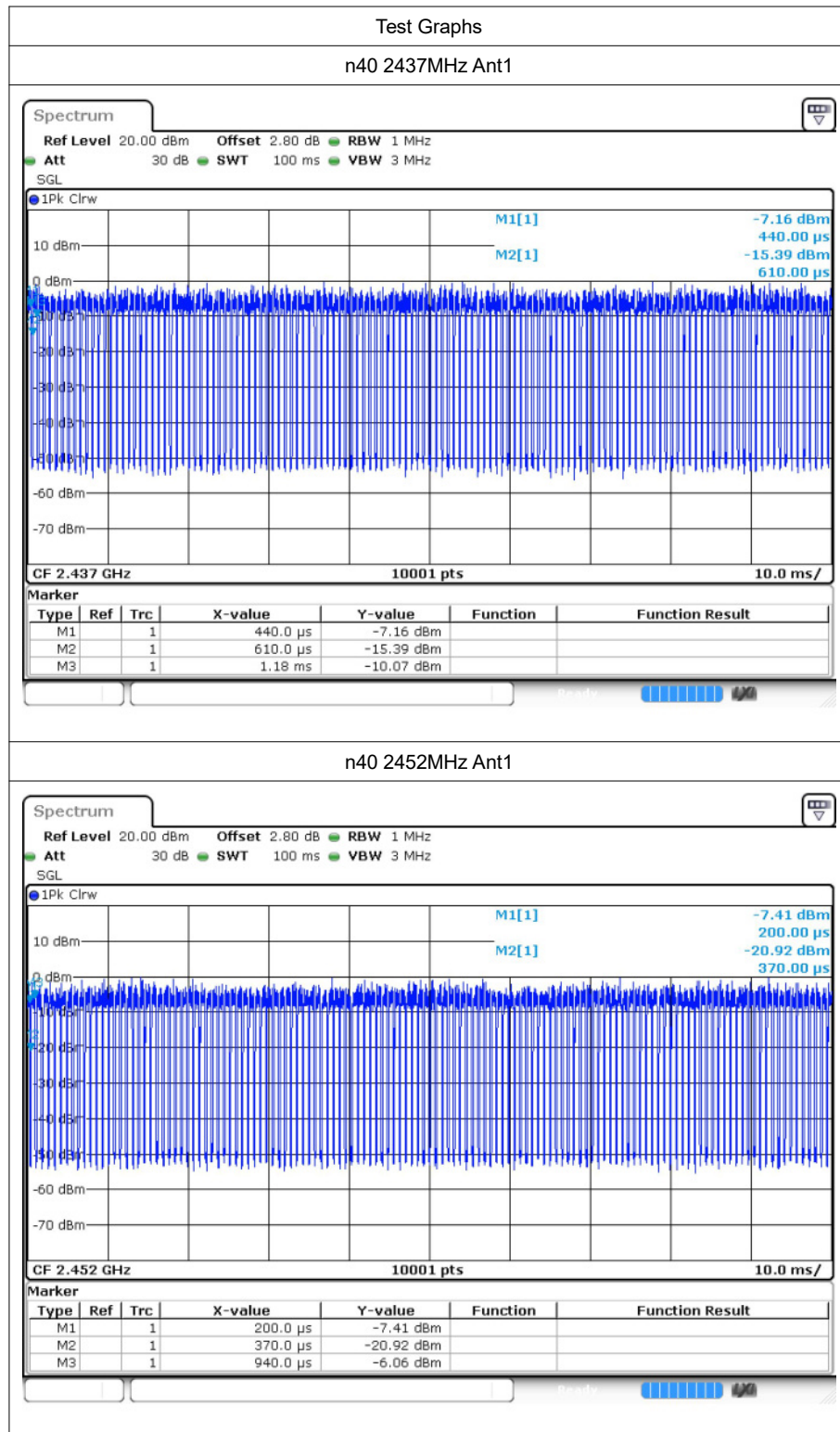
Test Graphs

n20 2462MHz Ant1



n40 2422MHz Ant1





2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	17.66	30	Pass
b	2437	Ant1	16.38	30	Pass
b	2462	Ant1	17.85	30	Pass
g	2412	Ant1	16.17	30	Pass
g	2437	Ant1	14.4	30	Pass
g	2462	Ant1	16.03	30	Pass
n20	2412	Ant1	16.16	30	Pass
n20	2437	Ant1	14.4	30	Pass
n20	2462	Ant1	16.07	30	Pass
n40	2422	Ant1	15.56	30	Pass
n40	2437	Ant1	15.72	30	Pass
n40	2452	Ant1	16.08	30	Pass

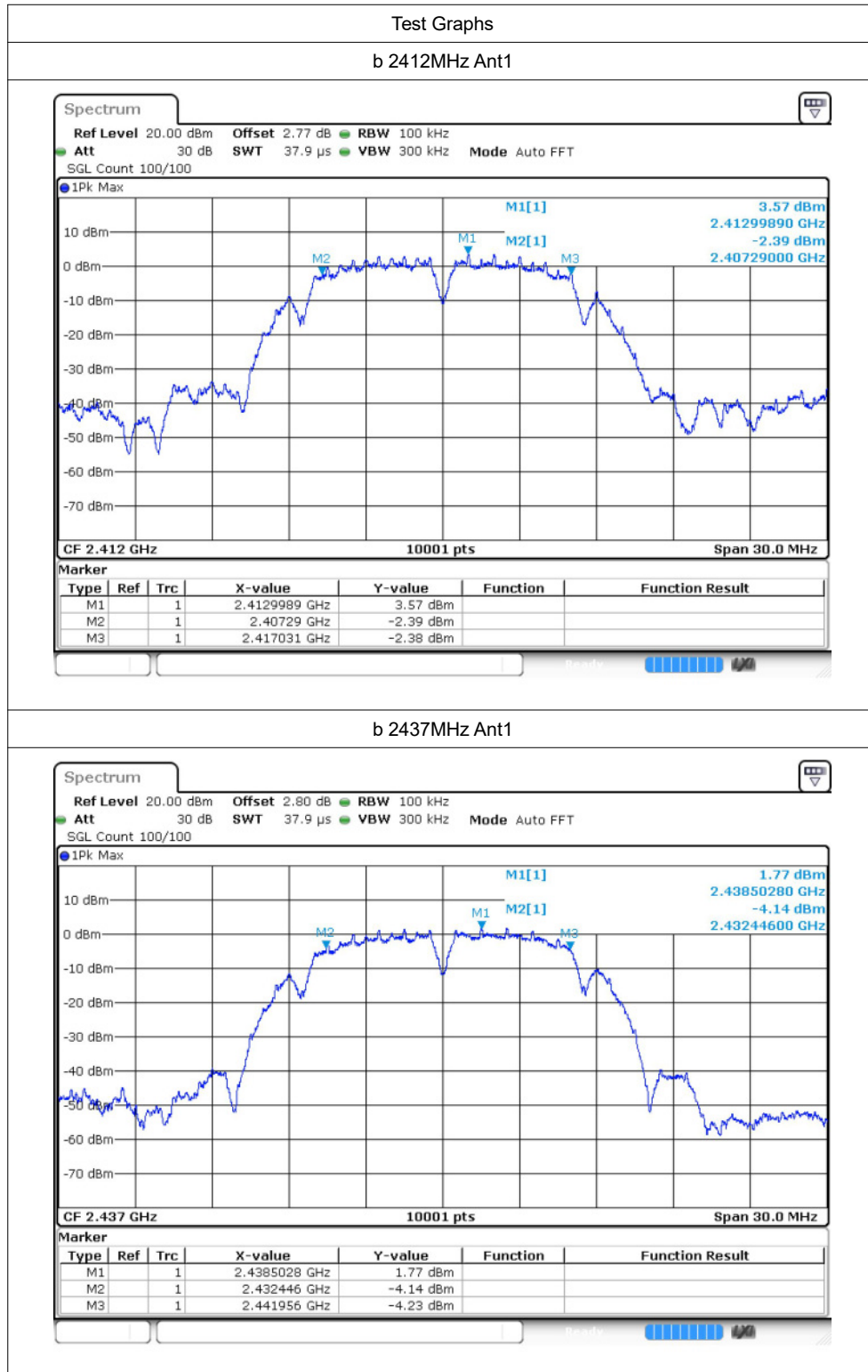


3 -6dB Bandwidth

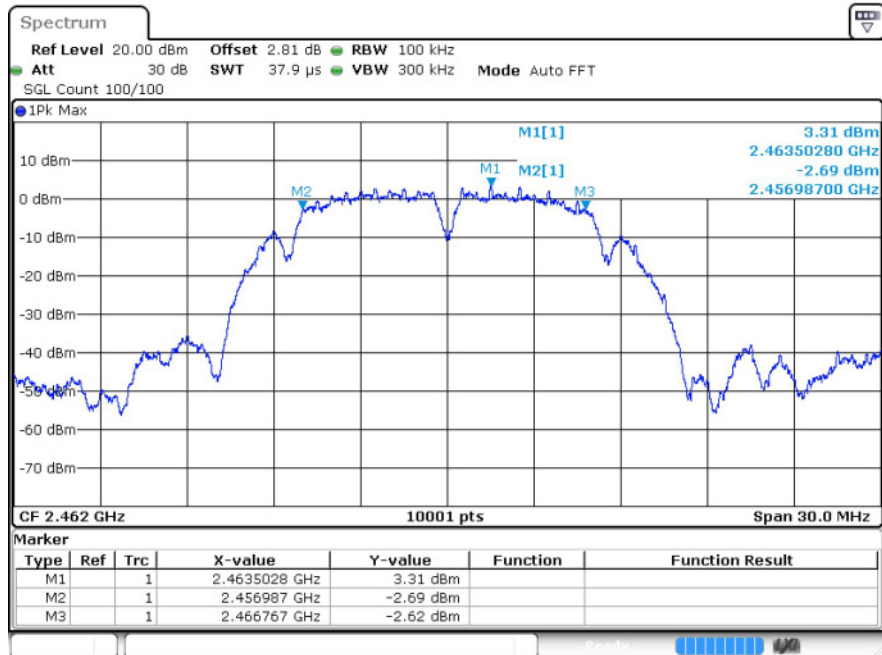
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant1	9.741	0.5	Pass
b	2437	Ant1	9.51	0.5	Pass
b	2462	Ant1	9.78	0.5	Pass
g	2412	Ant1	15.717	0.5	Pass
g	2437	Ant1	16.449	0.5	Pass
g	2462	Ant1	16.308	0.5	Pass
n20	2412	Ant1	16.875	0.5	Pass
n20	2437	Ant1	17.46	0.5	Pass
n20	2462	Ant1	16.245	0.5	Pass
n40	2422	Ant1	32.088	0.5	Pass
n40	2437	Ant1	35.592	0.5	Pass
n40	2452	Ant1	36.03	0.5	Pass

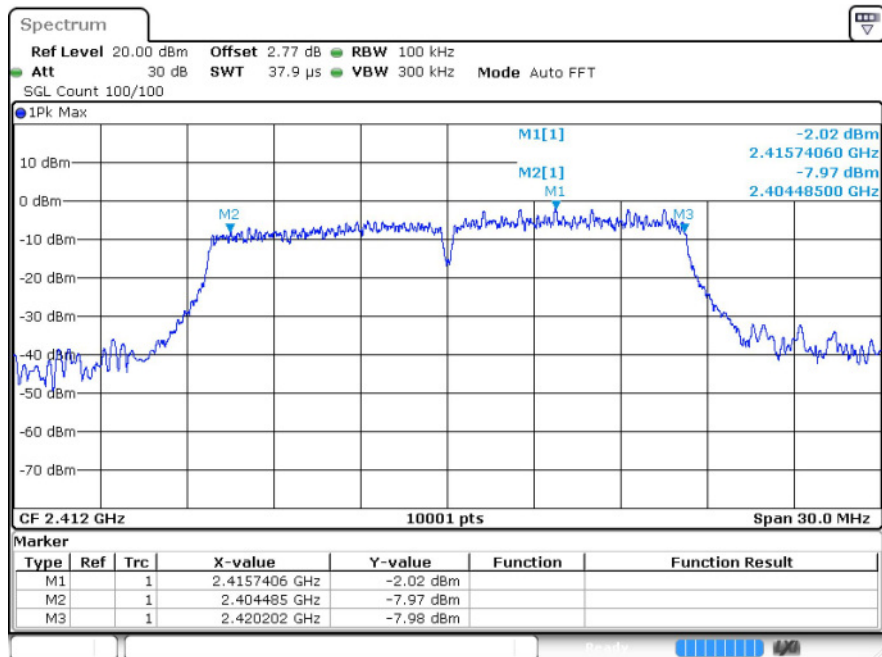
3.2 Test Graphs

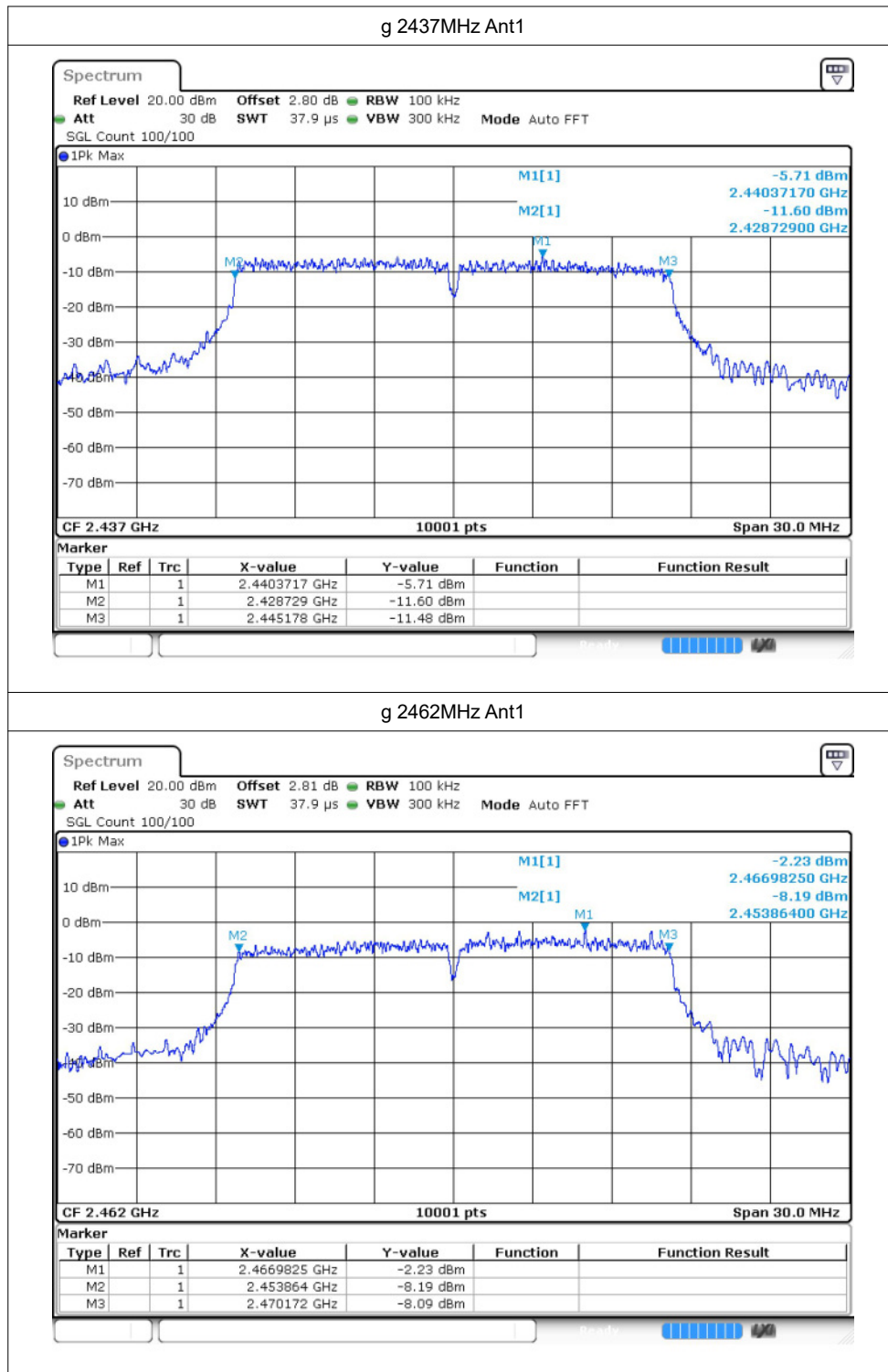


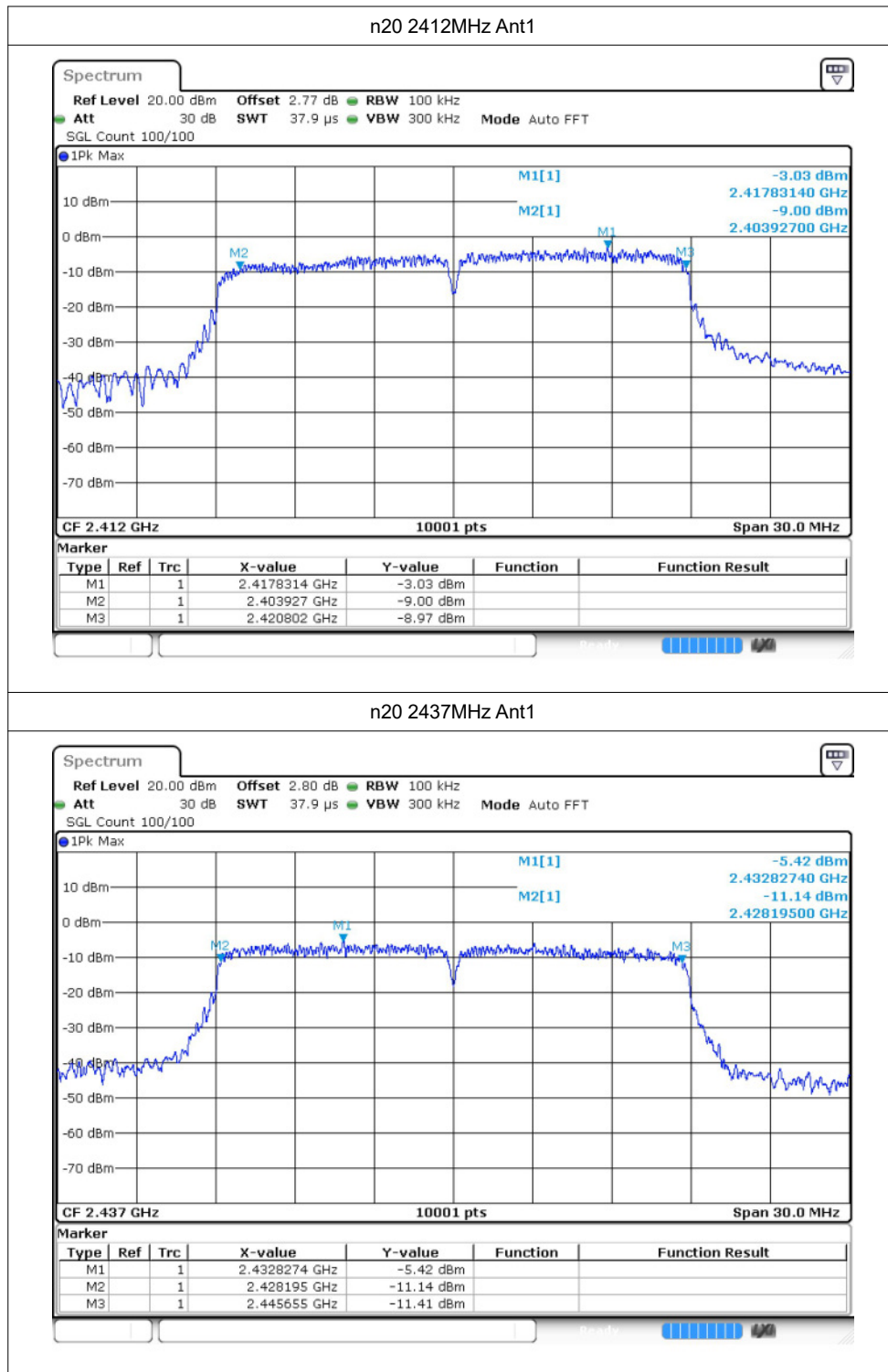
b 2462MHz Ant1

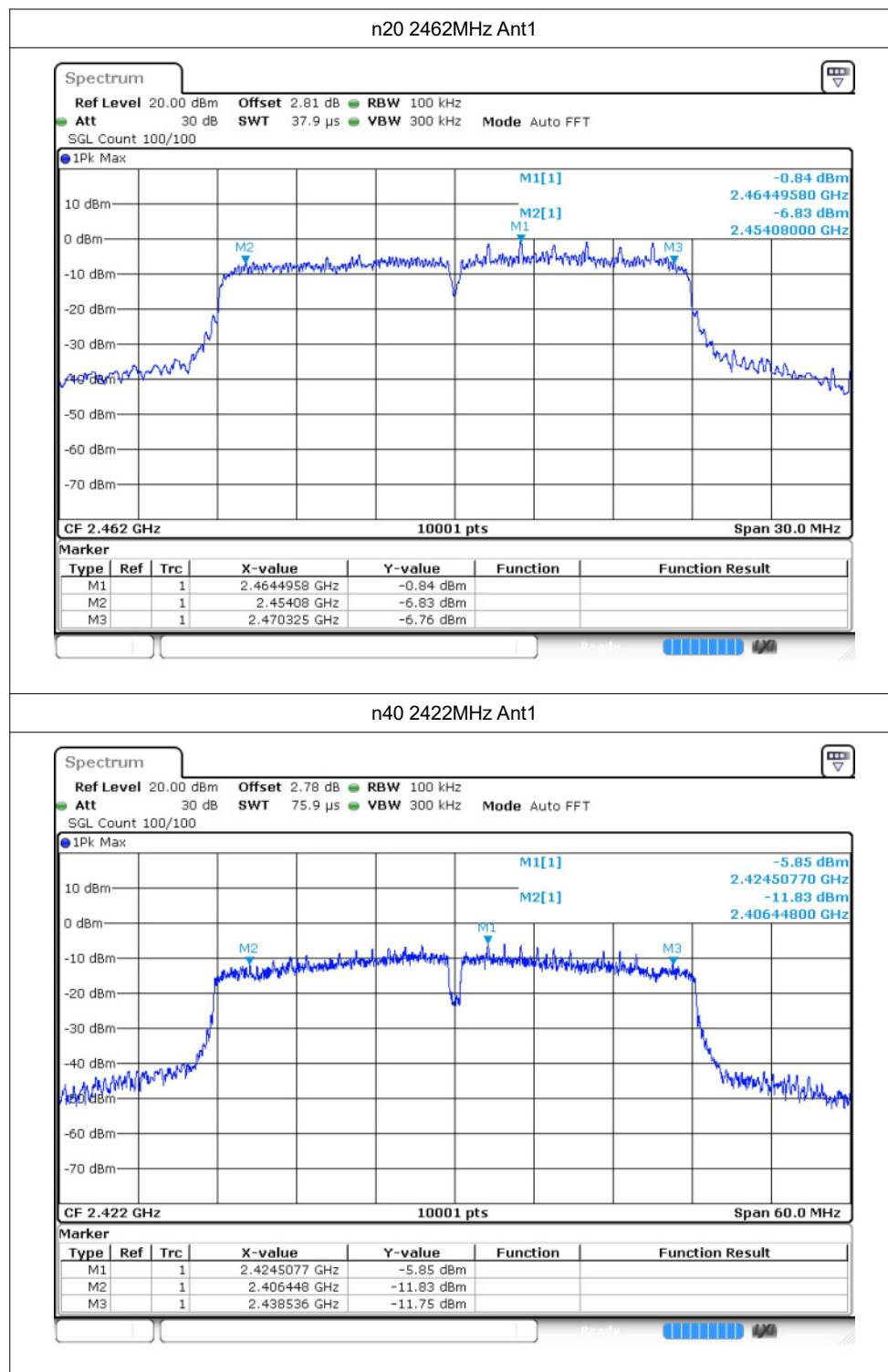


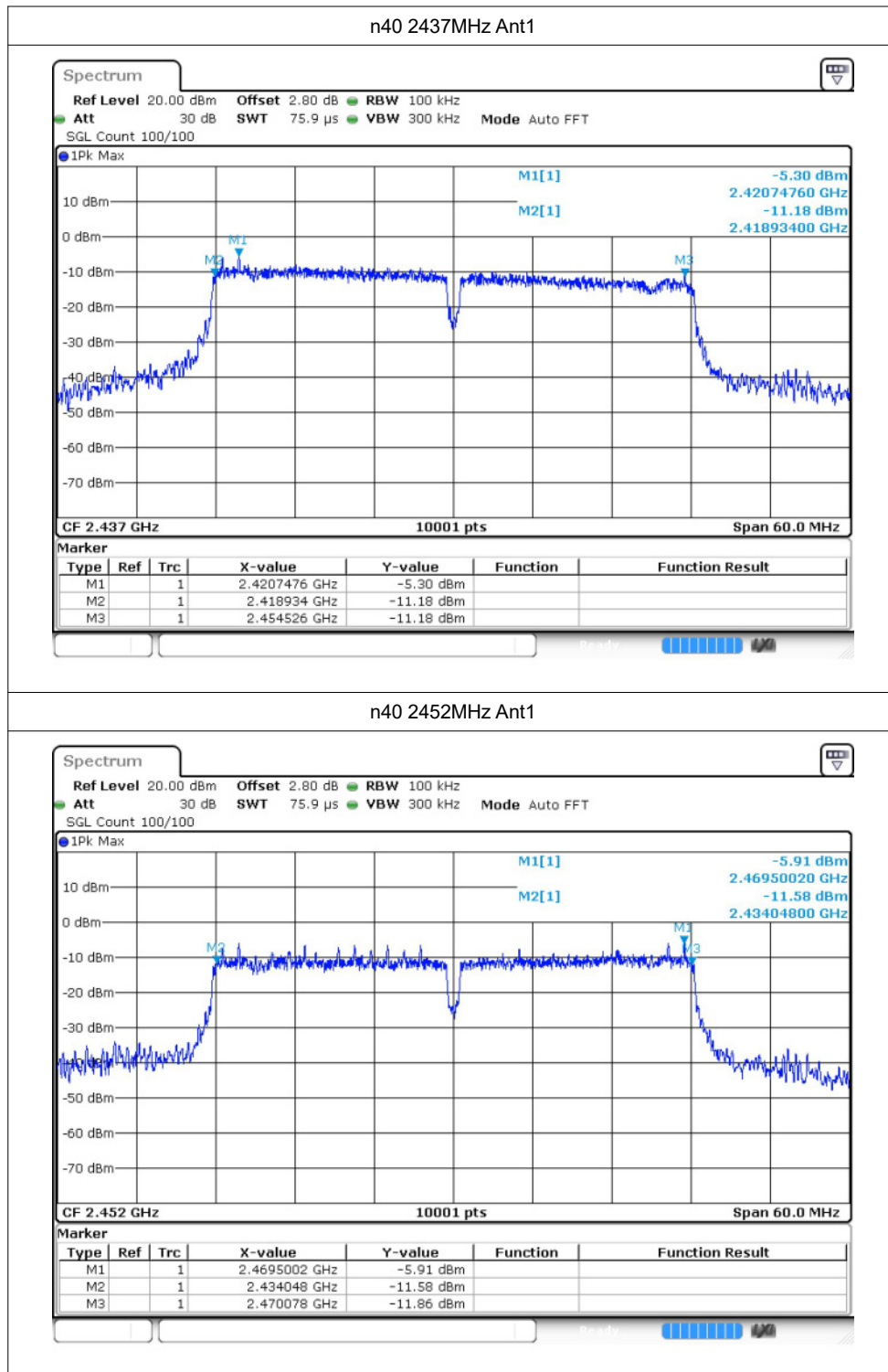
g 2412MHz Ant1









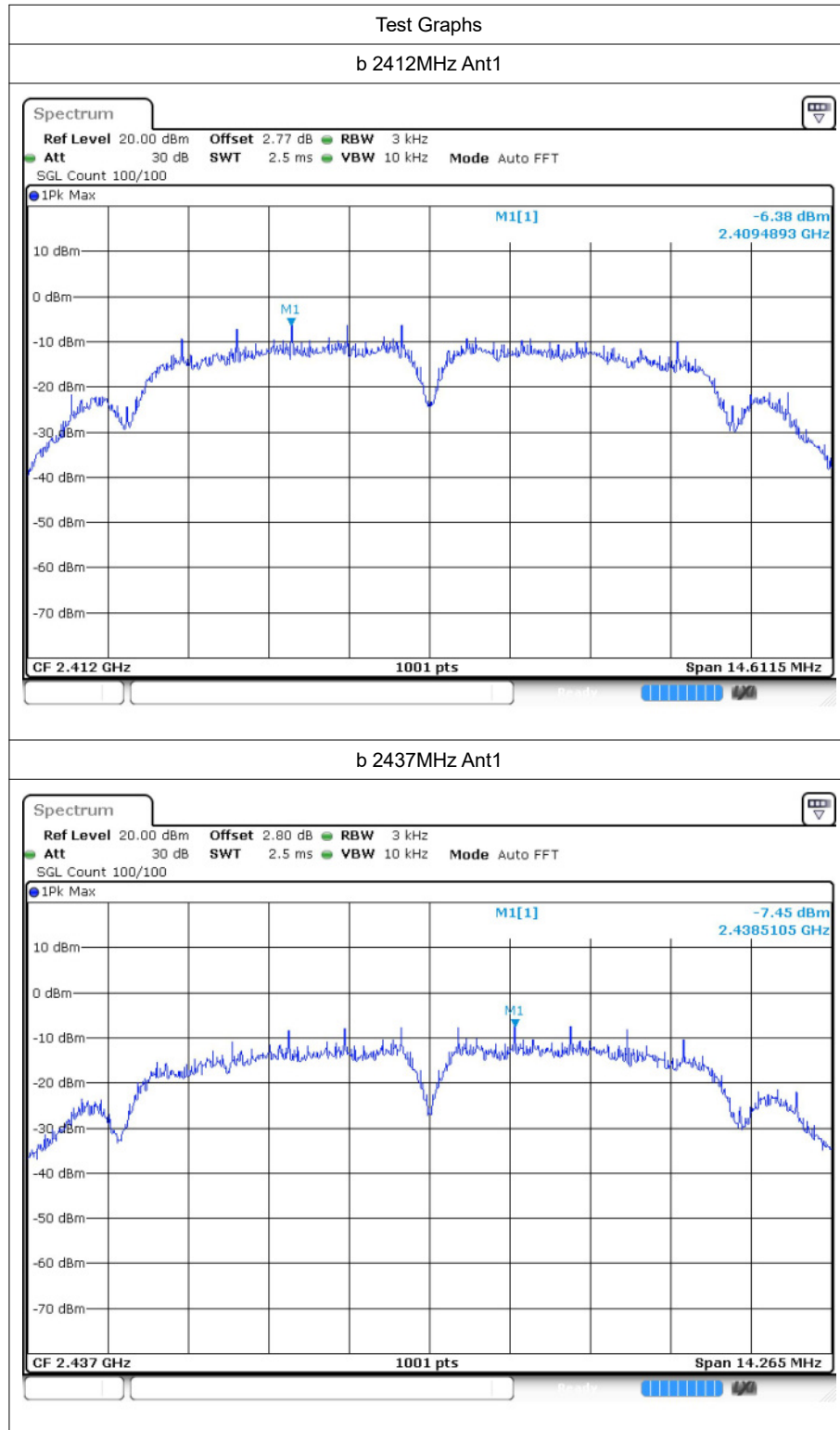


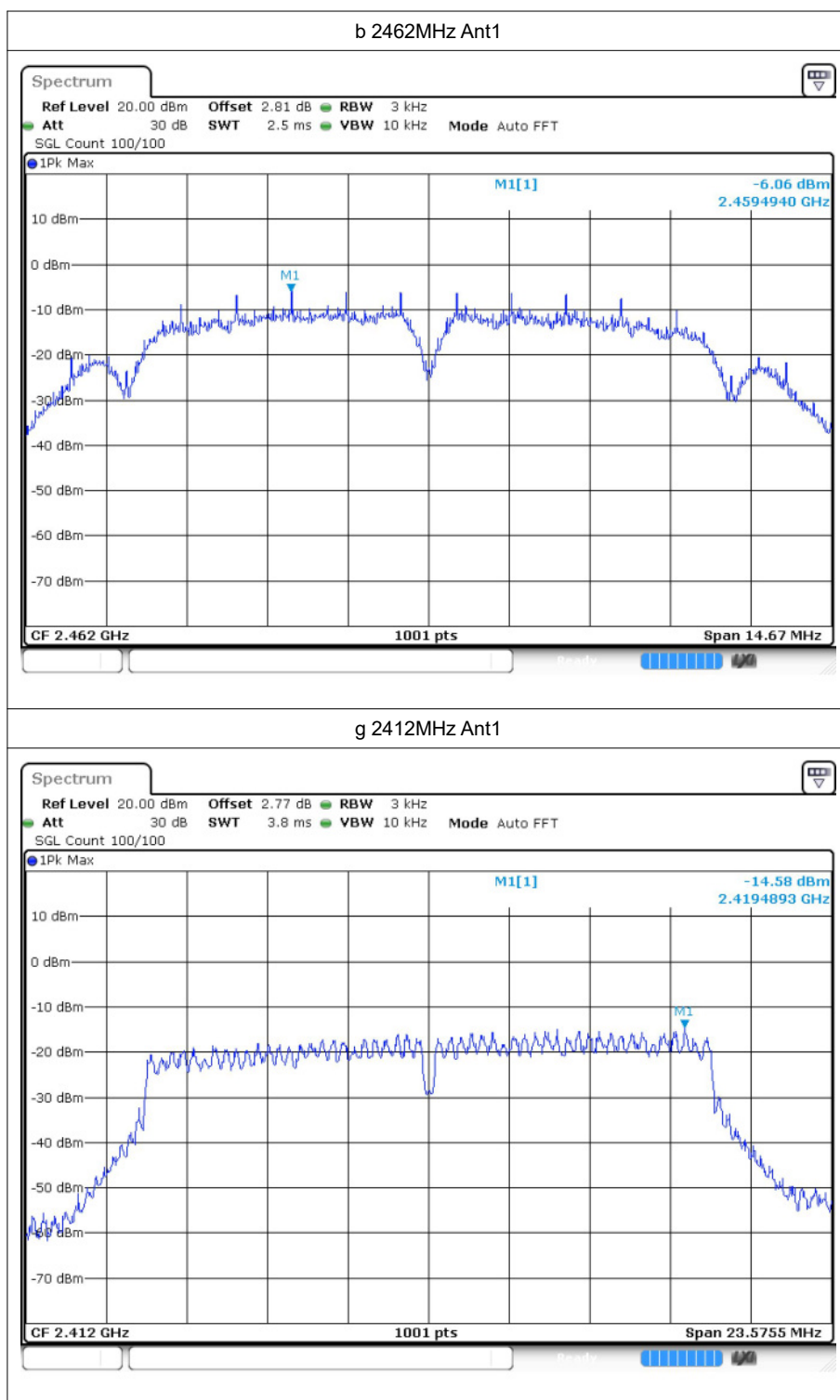
4 Maximum Power Spectral Density Level

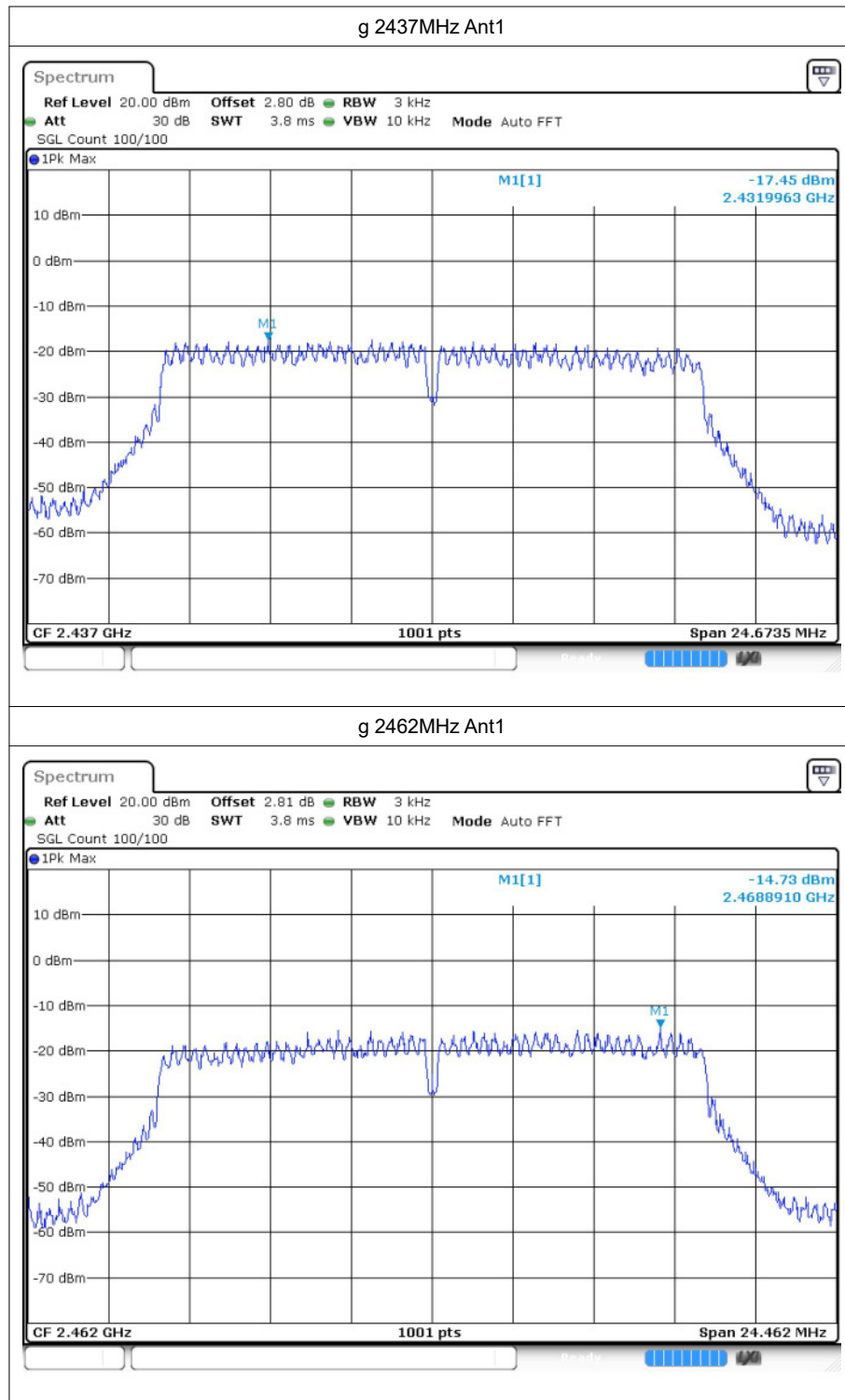
4.1 Test Result

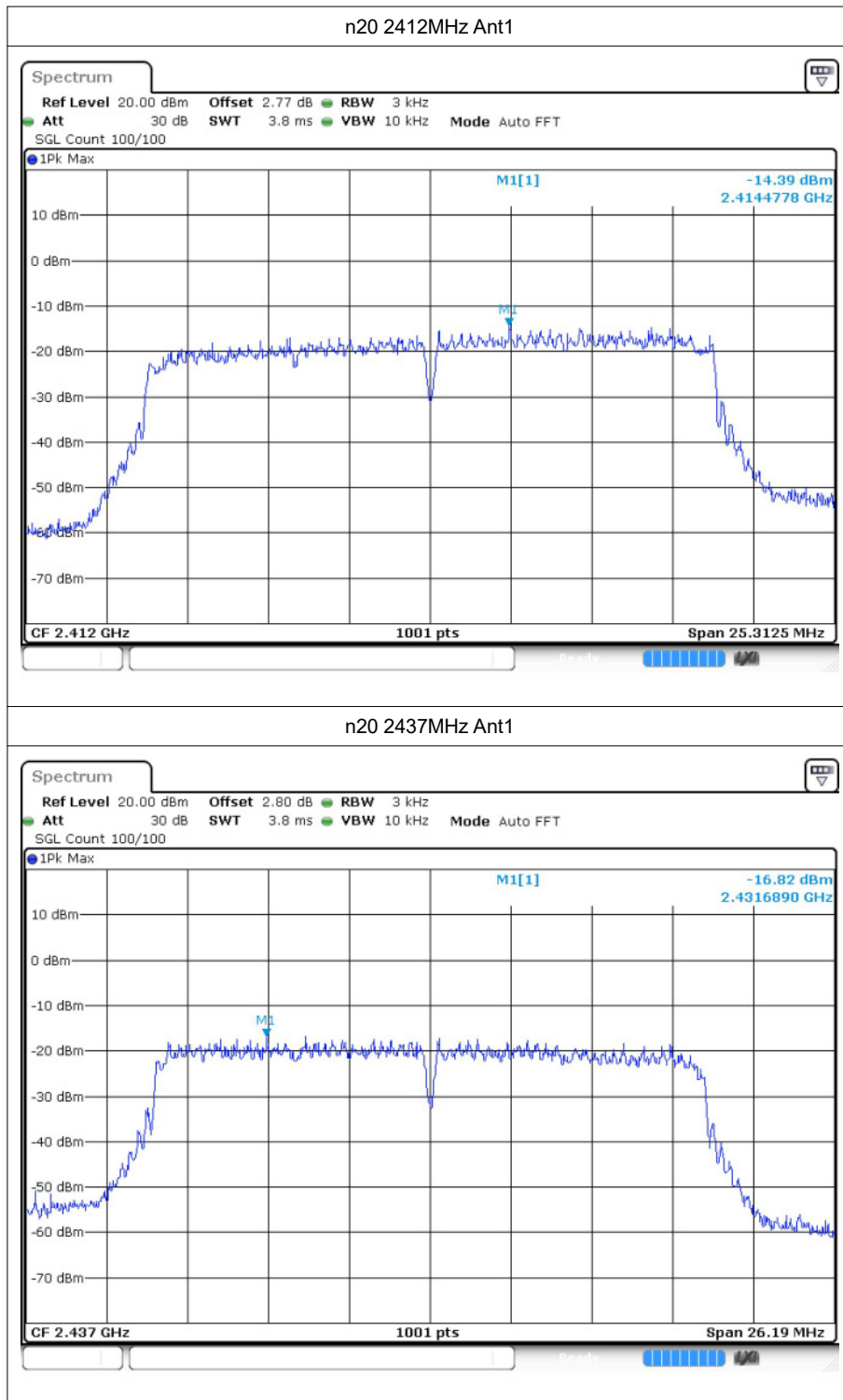
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
b	2412	Ant1	-6.38	≤ 8	Pass
b	2437	Ant1	-7.45	≤ 8	Pass
b	2462	Ant1	-6.06	≤ 8	Pass
g	2412	Ant1	-14.58	≤ 8	Pass
g	2437	Ant1	-17.45	≤ 8	Pass
g	2462	Ant1	-14.73	≤ 8	Pass
n20	2412	Ant1	-14.39	≤ 8	Pass
n20	2437	Ant1	-16.82	≤ 8	Pass
n20	2462	Ant1	-14.62	≤ 8	Pass
n40	2422	Ant1	-20.01	≤ 8	Pass
n40	2437	Ant1	-20.06	≤ 8	Pass
n40	2452	Ant1	-18.82	≤ 8	Pass

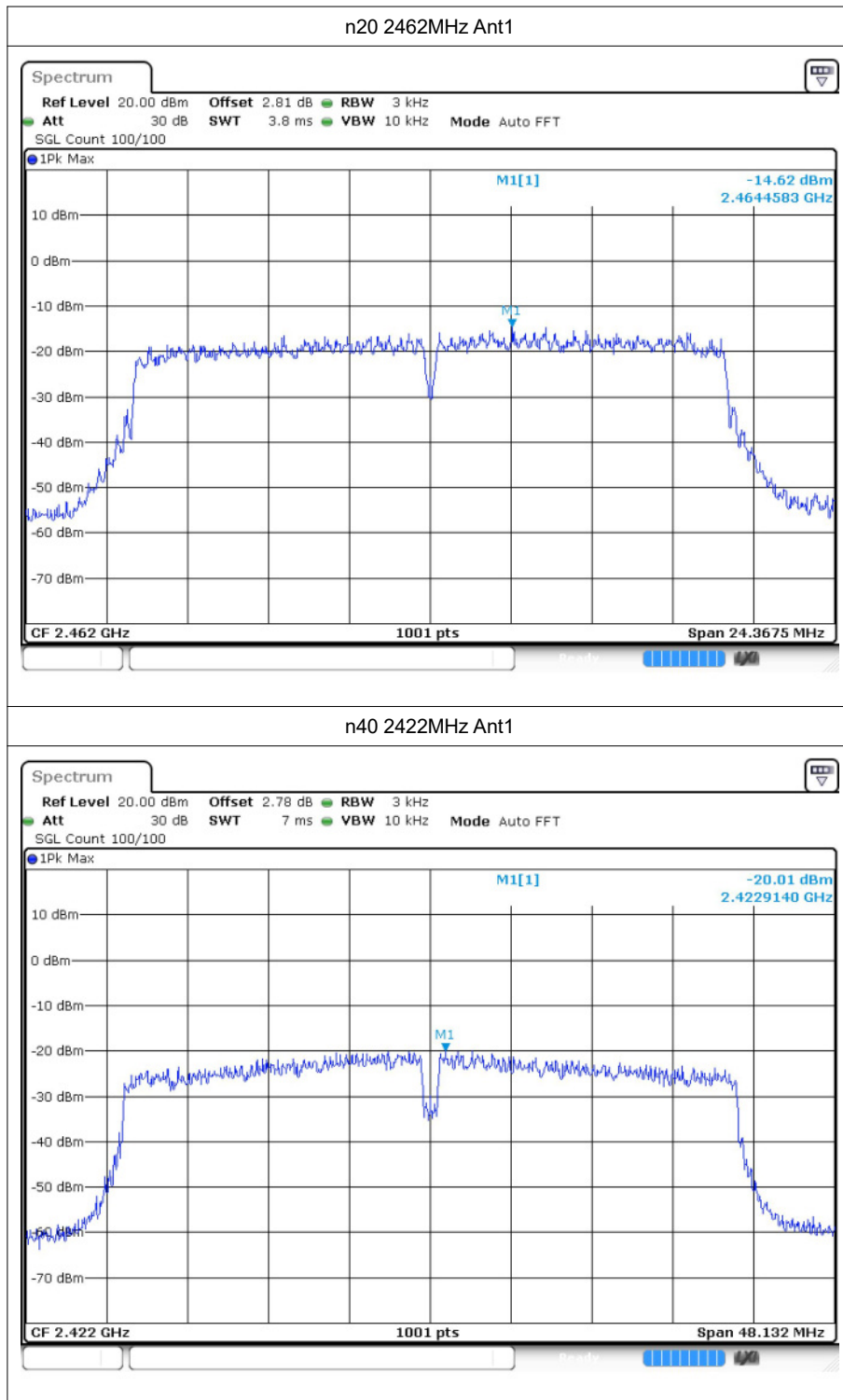
4.2 Test Graphs

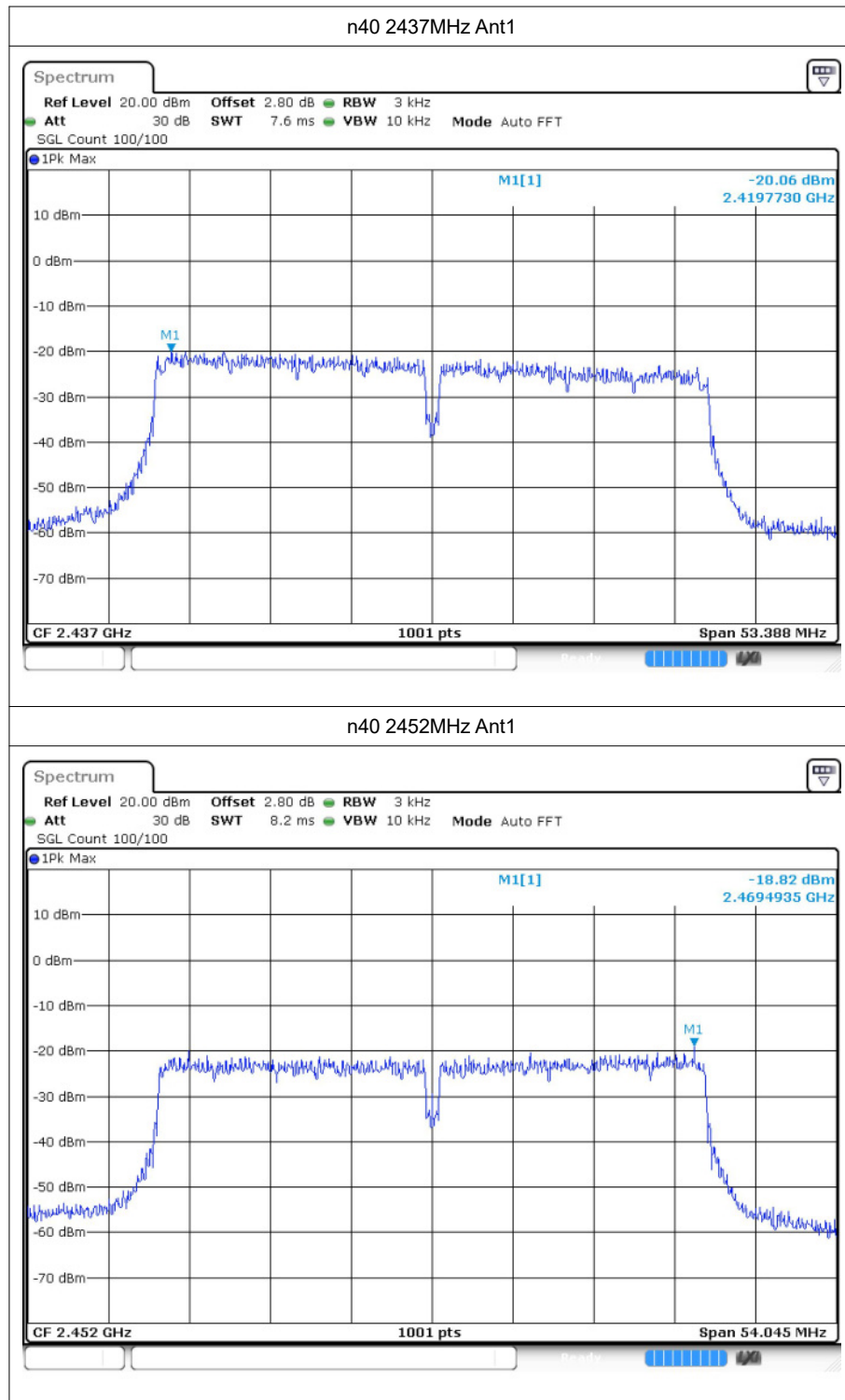














5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-57.26	-20	Pass
b	2462	Ant1	-52.27	-20	Pass
g	2412	Ant1	-53.41	-20	Pass
g	2462	Ant1	-44.46	-20	Pass
n20	2412	Ant1	-52.47	-20	Pass
n20	2462	Ant1	-46.8	-20	Pass
n40	2422	Ant1	-47.88	-20	Pass
n40	2452	Ant1	-38.06	-20	Pass

5.2 Test Graphs

