



## Appendix C

### RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Notebook computer

Trade Mark: Blackview

Test Model: AceBook 8

#### Environmental Conditions

Temperature:	25.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



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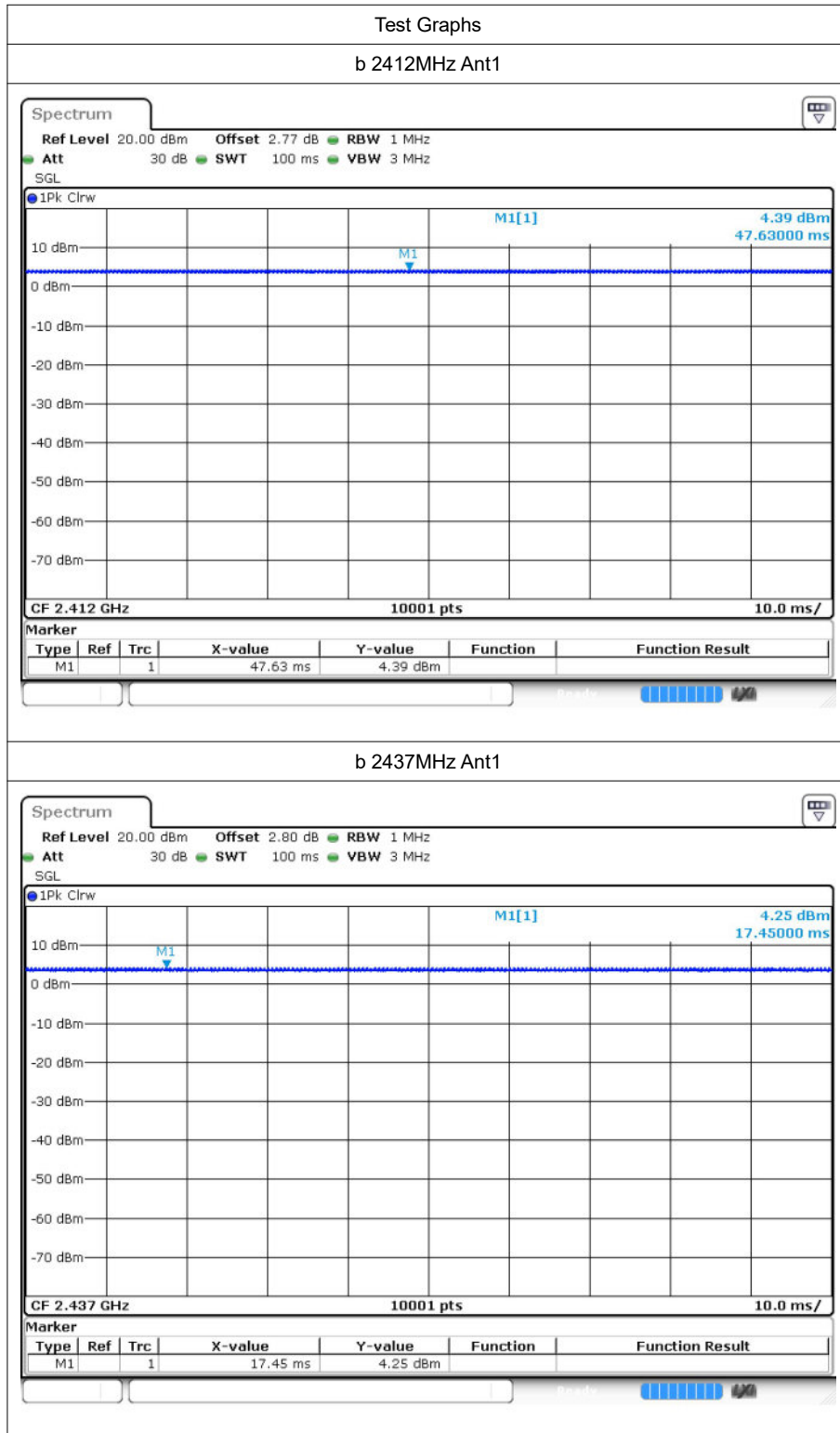


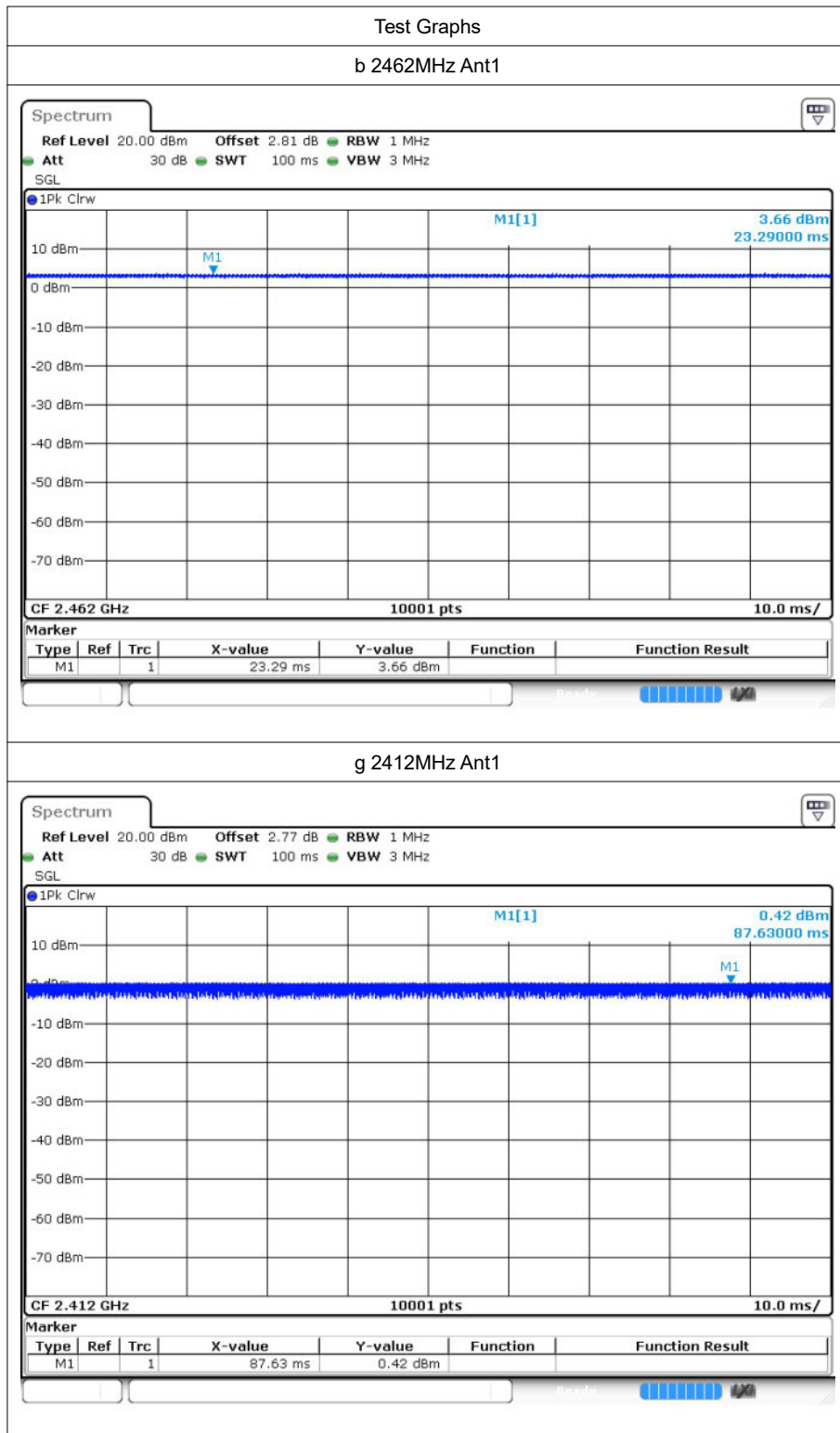
# 1 Duty Cycle

## 1.1 Test Result

Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor	1/T (kHz)
b	2412	Ant1	100	0	0
b	2437	Ant1	100	0	0
b	2462	Ant1	100	0	0
g	2412	Ant1	100	0	0
g	2437	Ant1	100	0	0
g	2462	Ant1	100	0	0
n20	2412	Ant1	100	0	0
n20	2437	Ant1	100	0	0
n20	2462	Ant1	100	0	0
n40	2422	Ant1	100	0	0
n40	2437	Ant1	100	0	0
n40	2452	Ant1	100	0	0

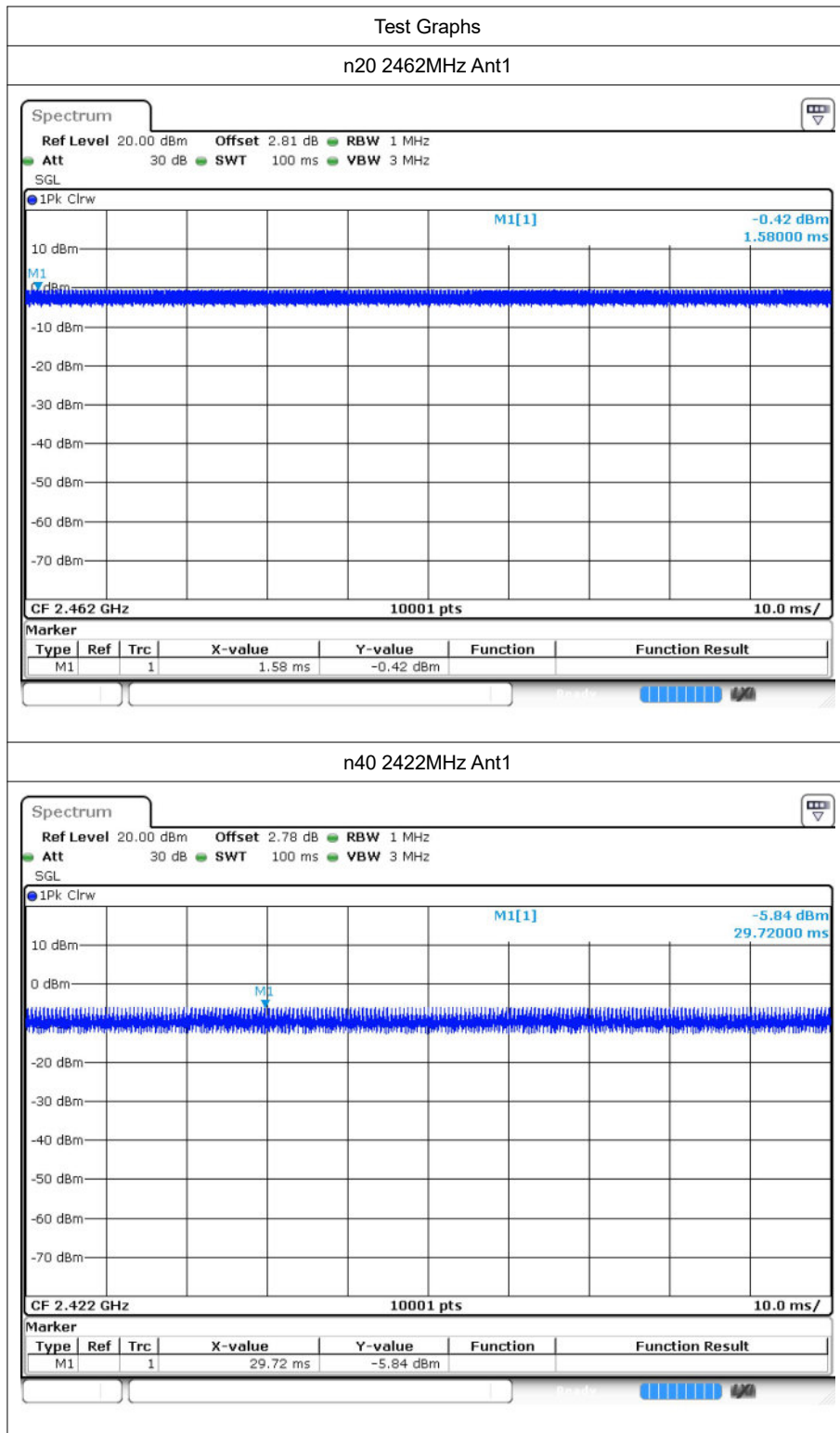
## 1.2 Test Graphs



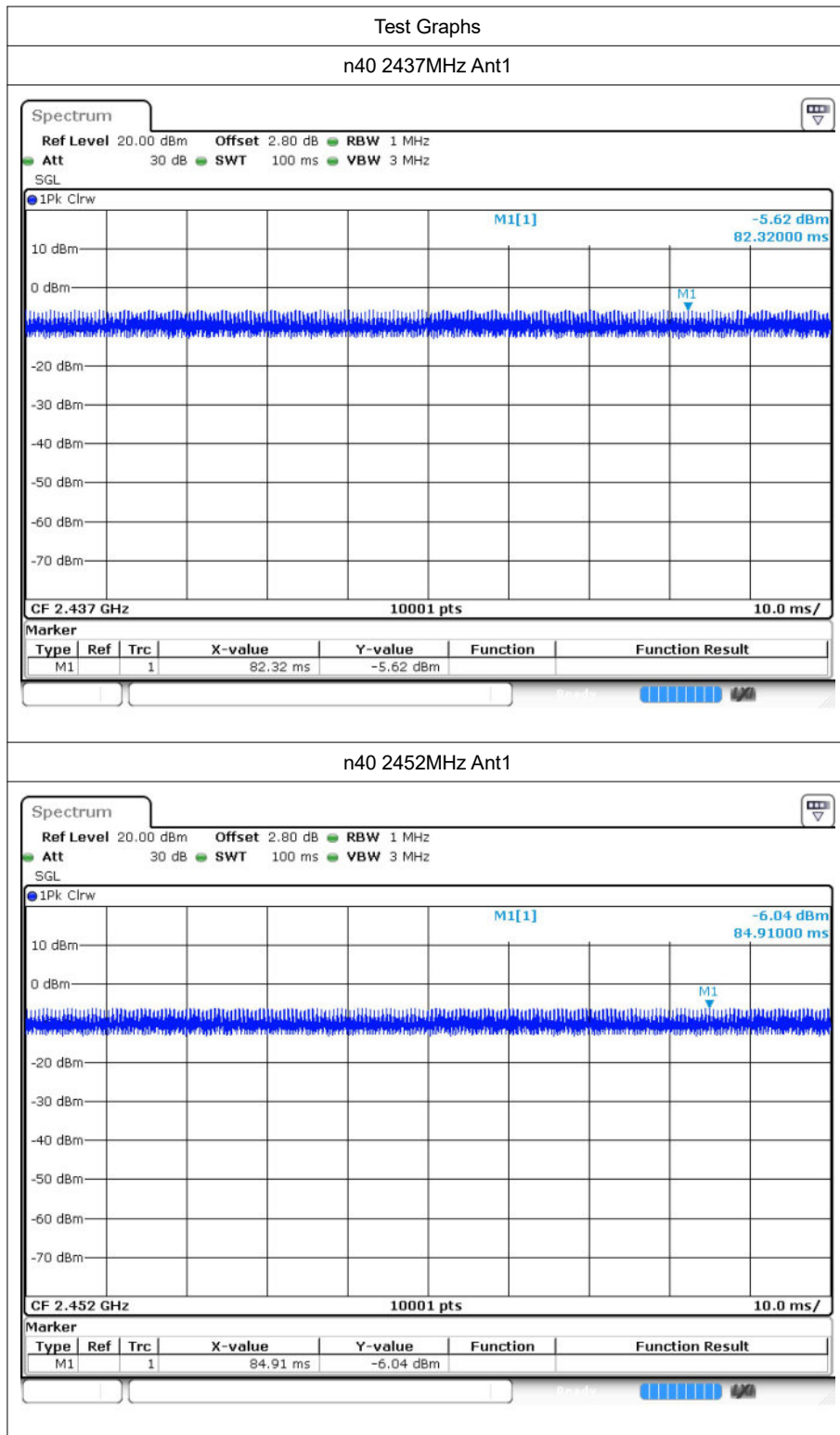












## 2 Maximum Conducted Output Power

### 2.1 Test Result

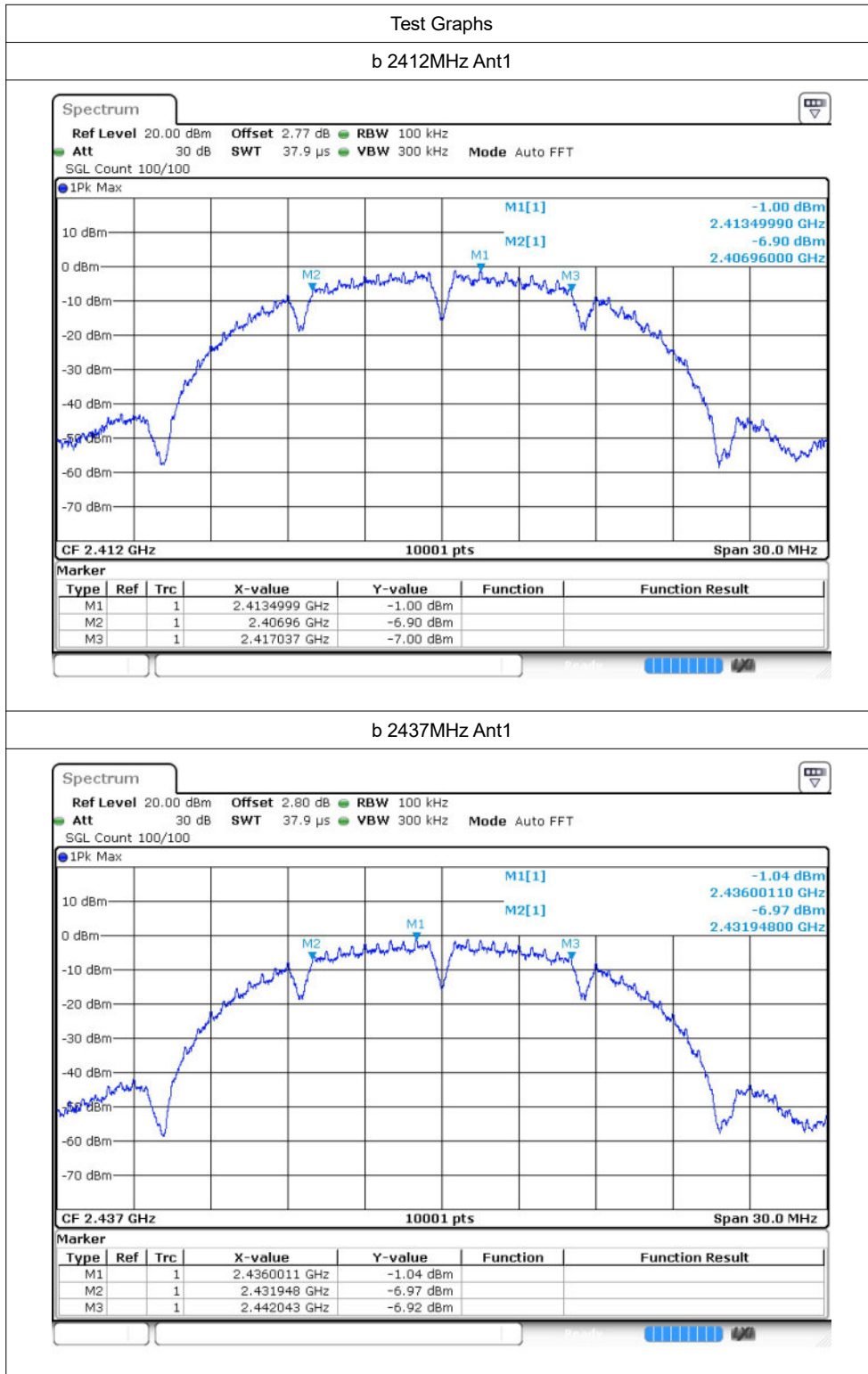
Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	13.93	30	Pass
b	2437	Ant1	13.59	30	Pass
b	2462	Ant1	12.94	30	Pass
g	2412	Ant1	13.36	30	Pass
g	2437	Ant1	13.02	30	Pass
g	2462	Ant1	12.41	30	Pass
n20	2412	Ant1	12.71	30	Pass
n20	2437	Ant1	12.38	30	Pass
n20	2462	Ant1	11.78	30	Pass
n40	2422	Ant1	12.26	30	Pass
n40	2437	Ant1	12.05	30	Pass
n40	2452	Ant1	11.66	30	Pass

### 3 -6dB Bandwidth

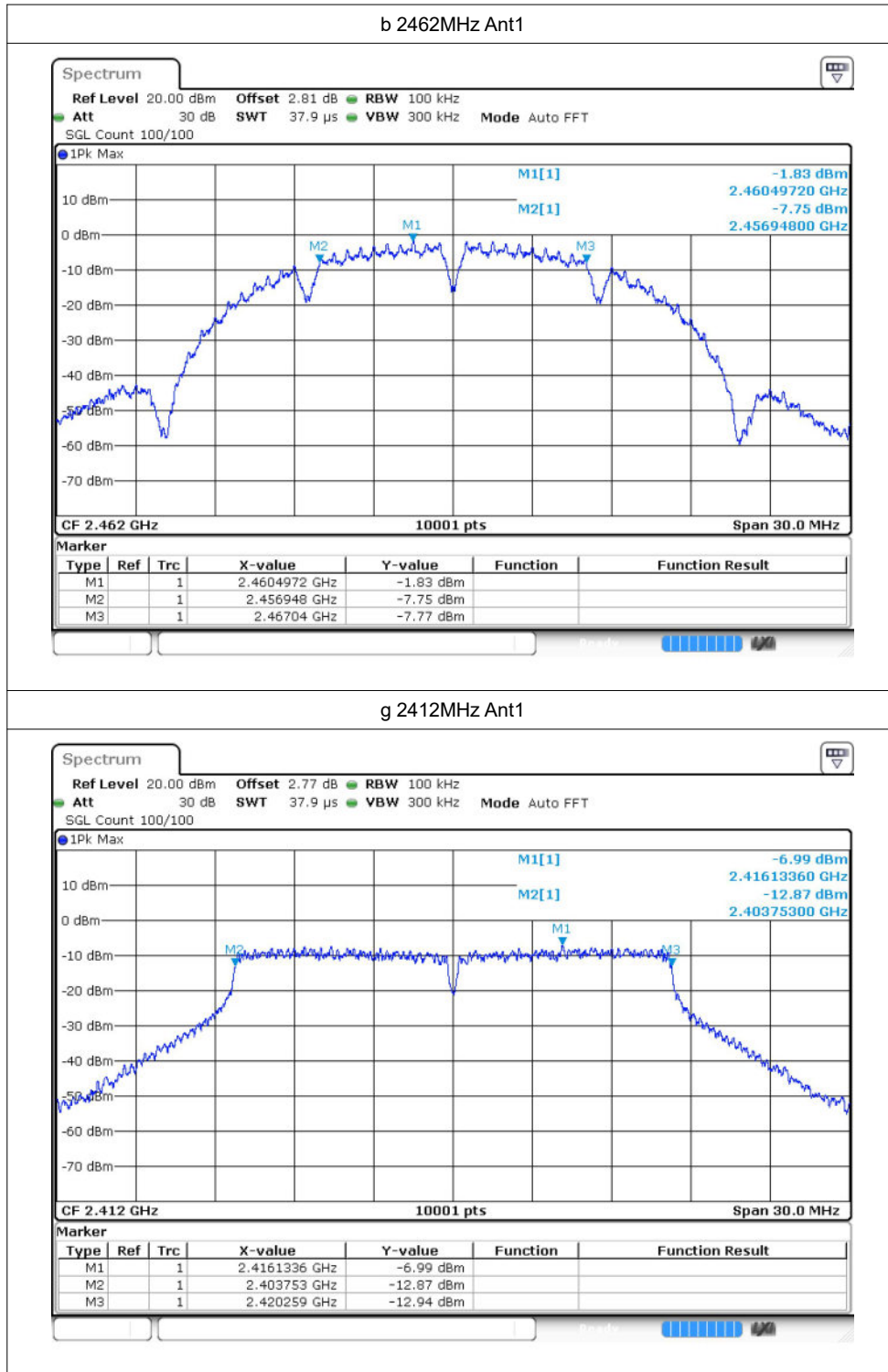
#### 3.1 Test Result

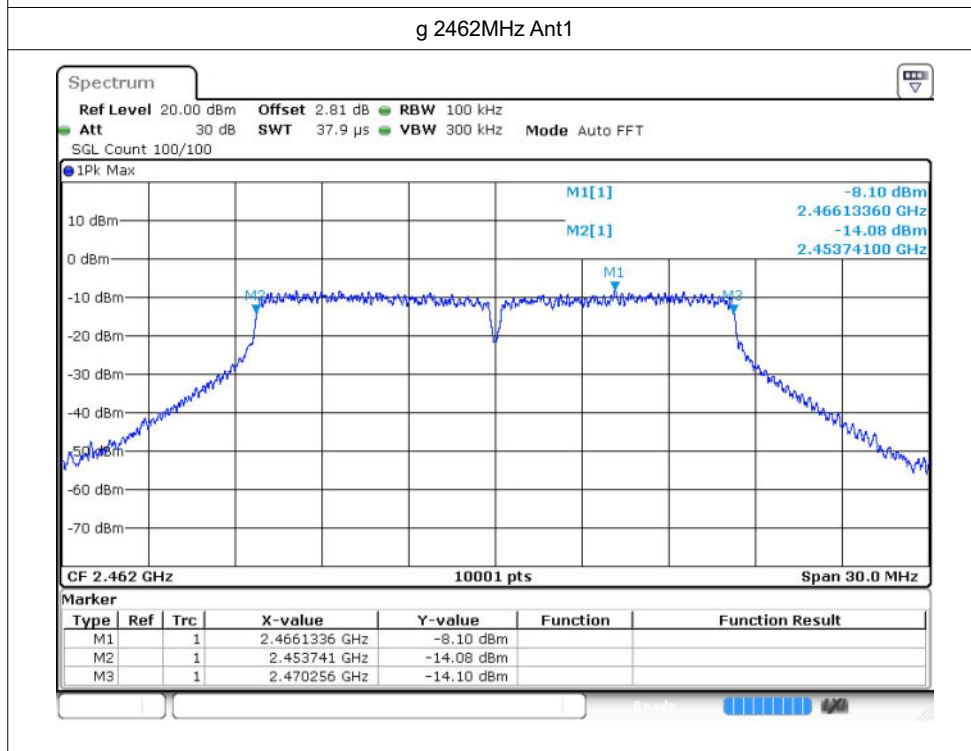
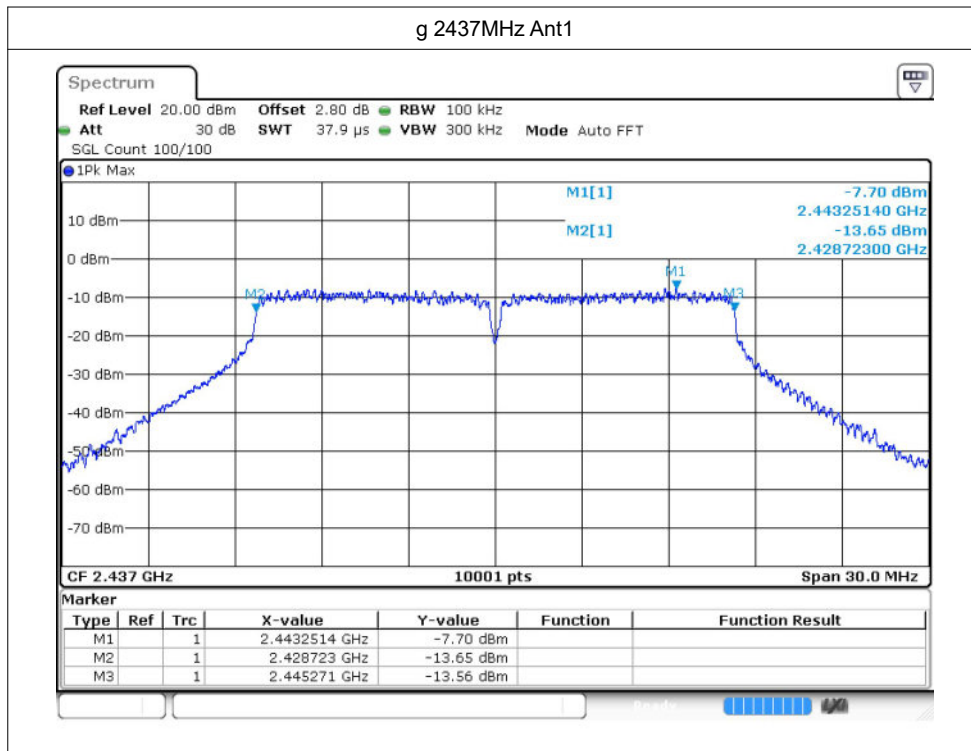
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant1	10.077	0.5	Pass
b	2437	Ant1	10.095	0.5	Pass
b	2462	Ant1	10.092	0.5	Pass
g	2412	Ant1	16.506	0.5	Pass
g	2437	Ant1	16.548	0.5	Pass
g	2462	Ant1	16.515	0.5	Pass
n20	2412	Ant1	17.697	0.5	Pass
n20	2437	Ant1	17.766	0.5	Pass
n20	2462	Ant1	17.763	0.5	Pass
n40	2422	Ant1	36.516	0.5	Pass
n40	2437	Ant1	36.486	0.5	Pass
n40	2452	Ant1	36.51	0.5	Pass

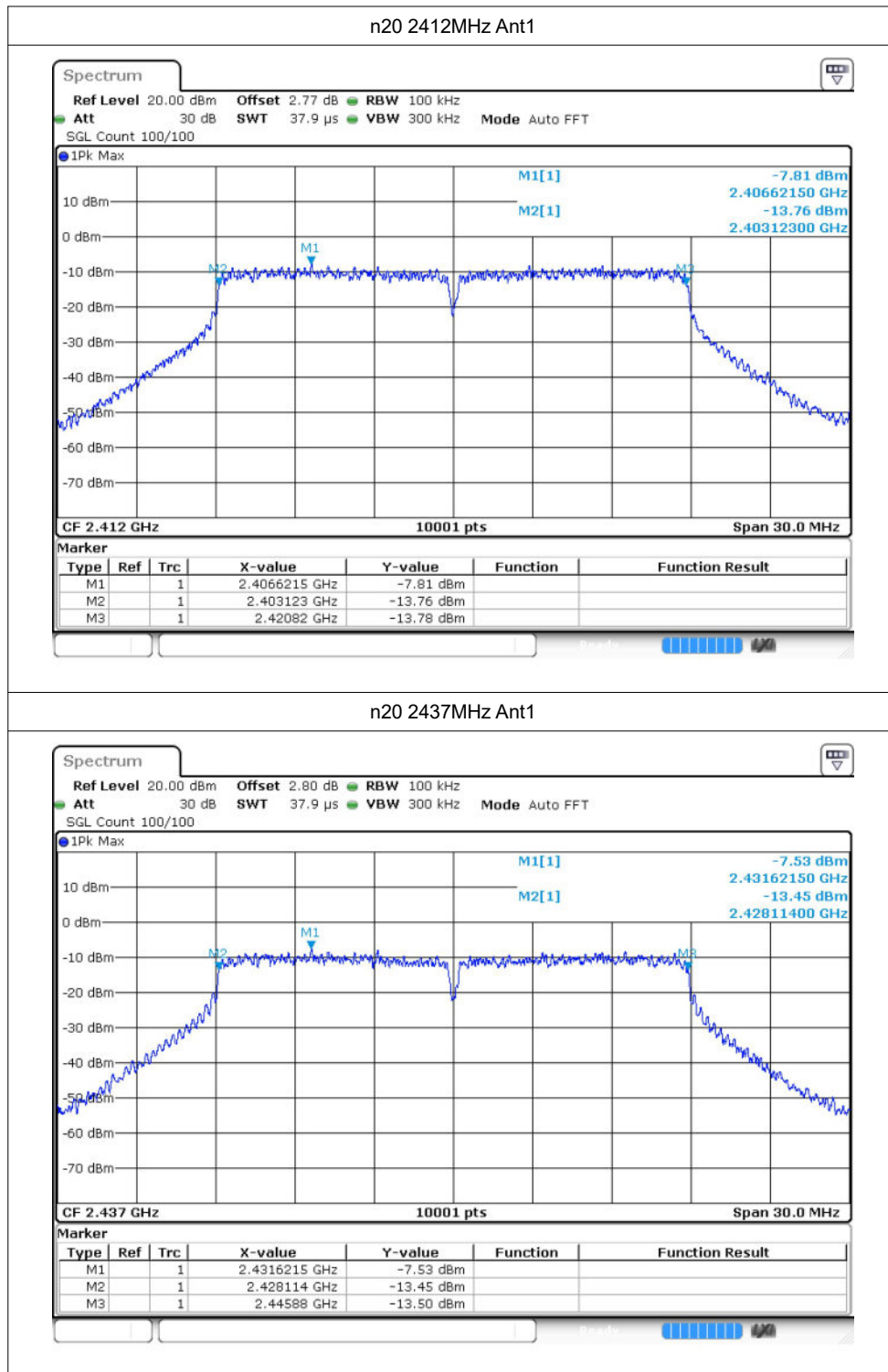
### 3.2 Test Graphs

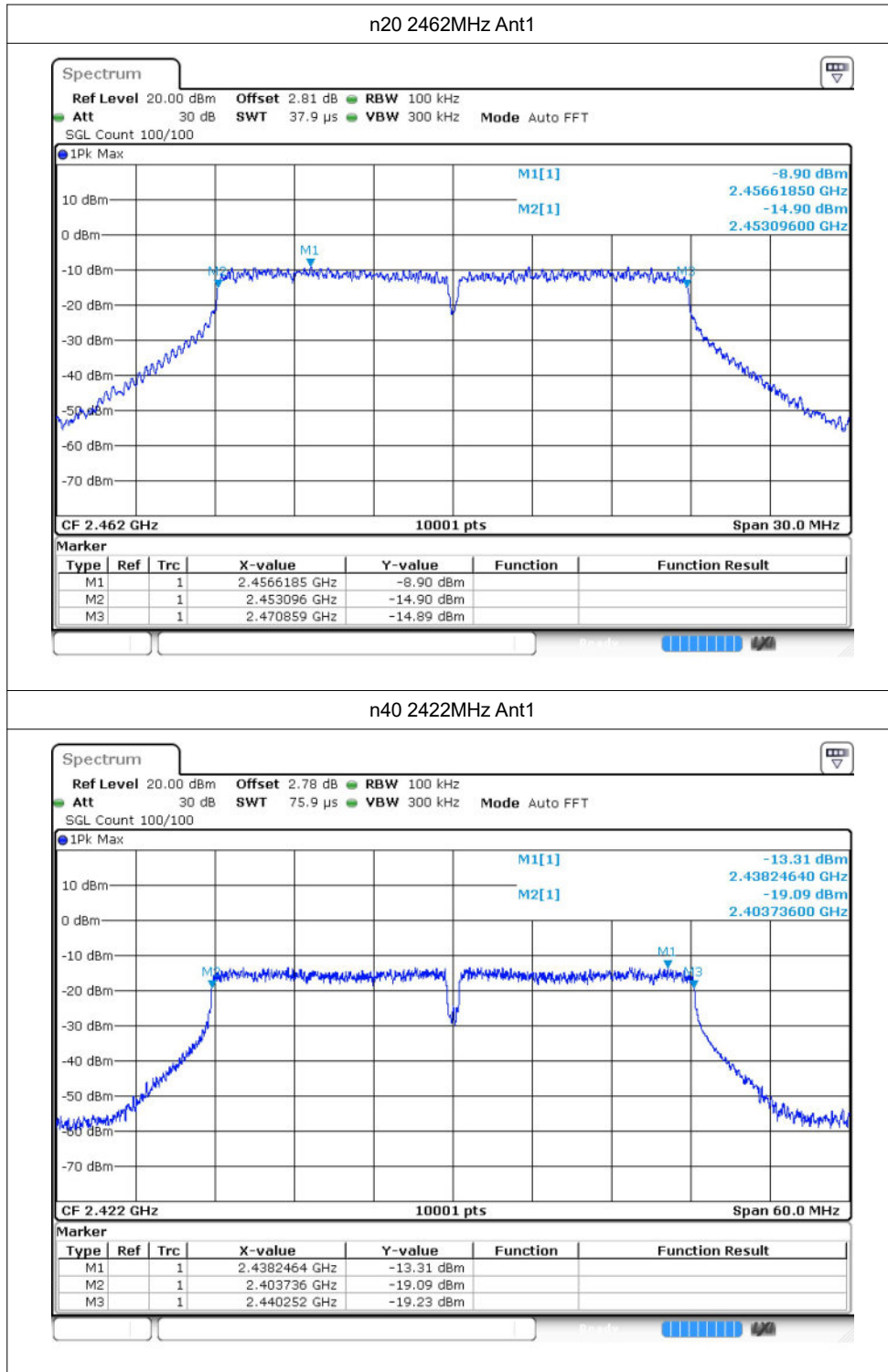


b 2437MHz Ant1

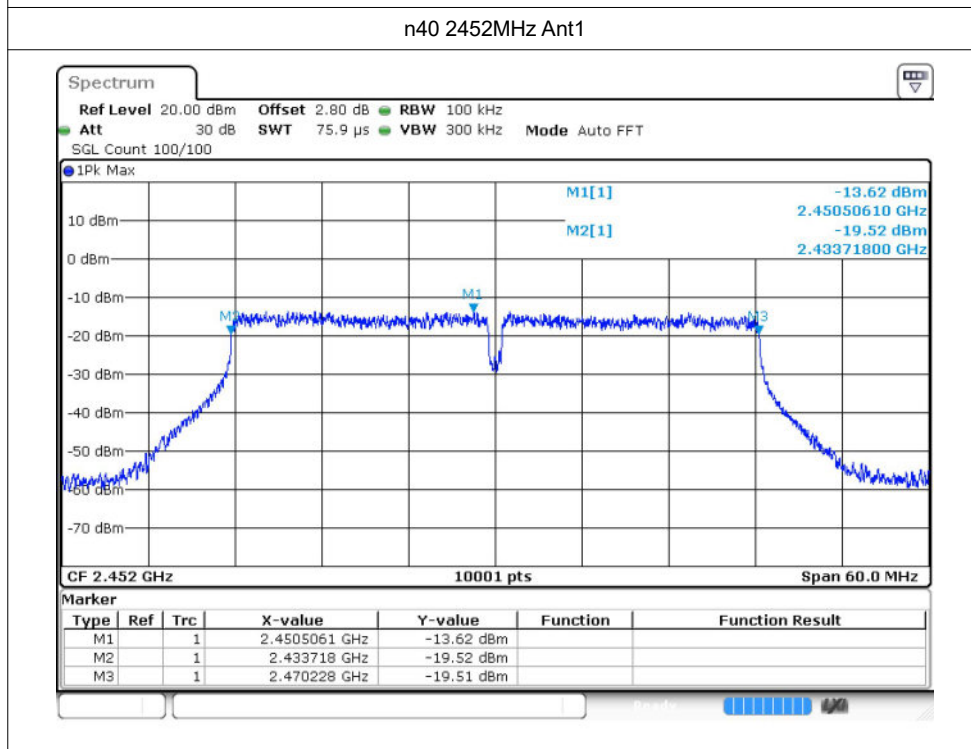
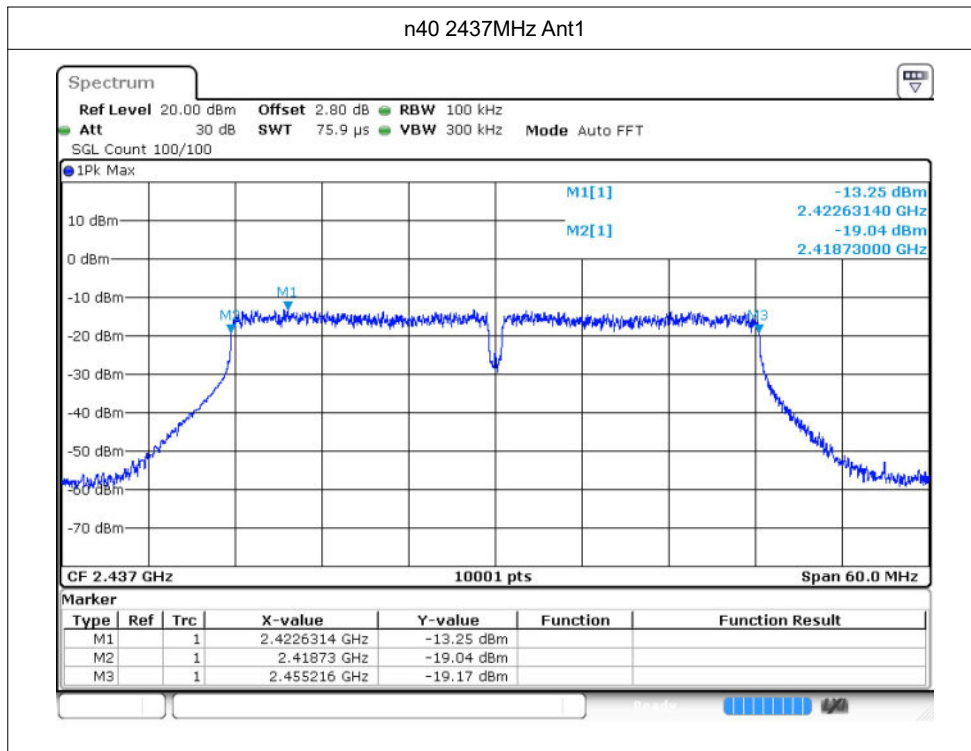










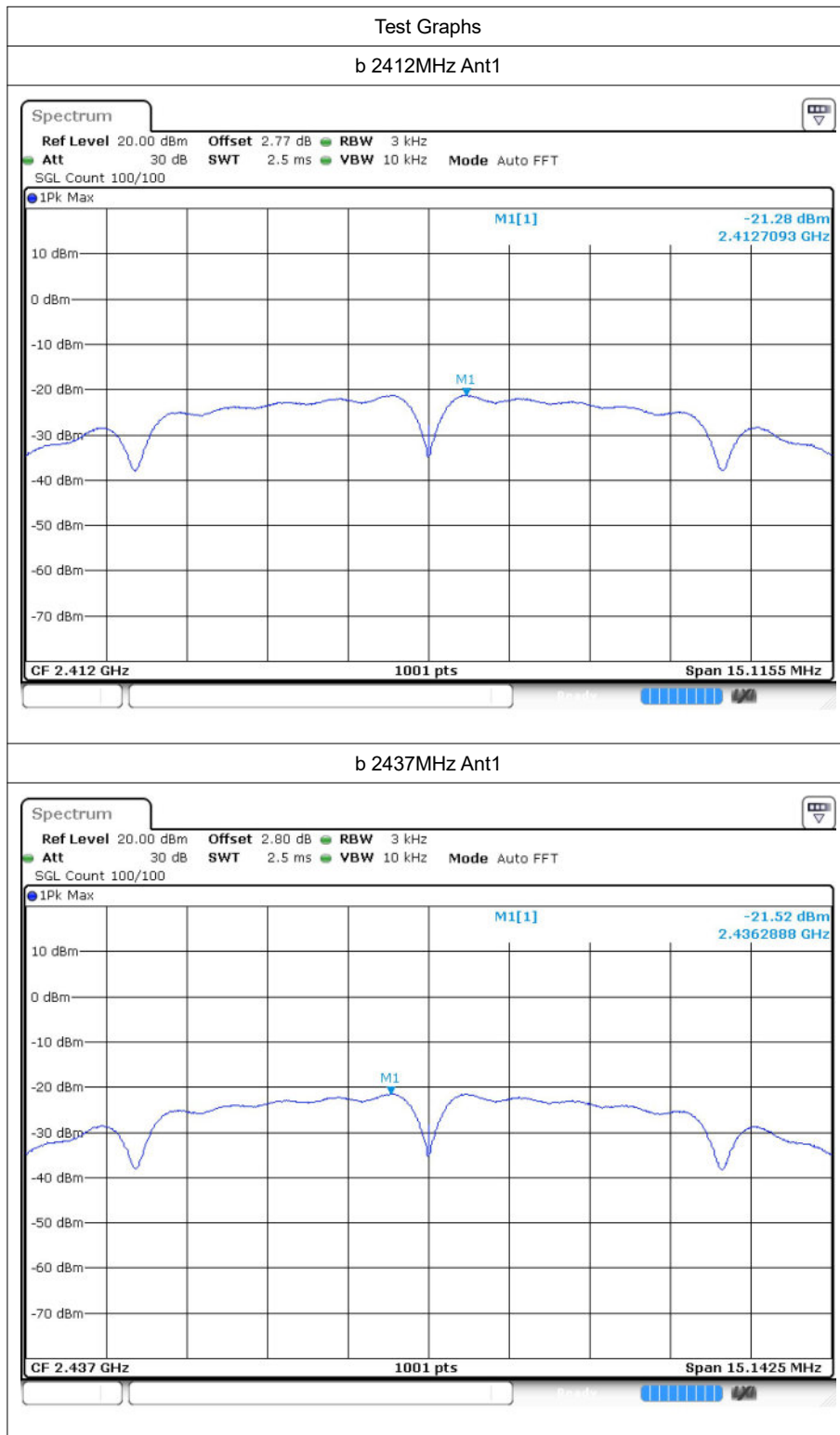


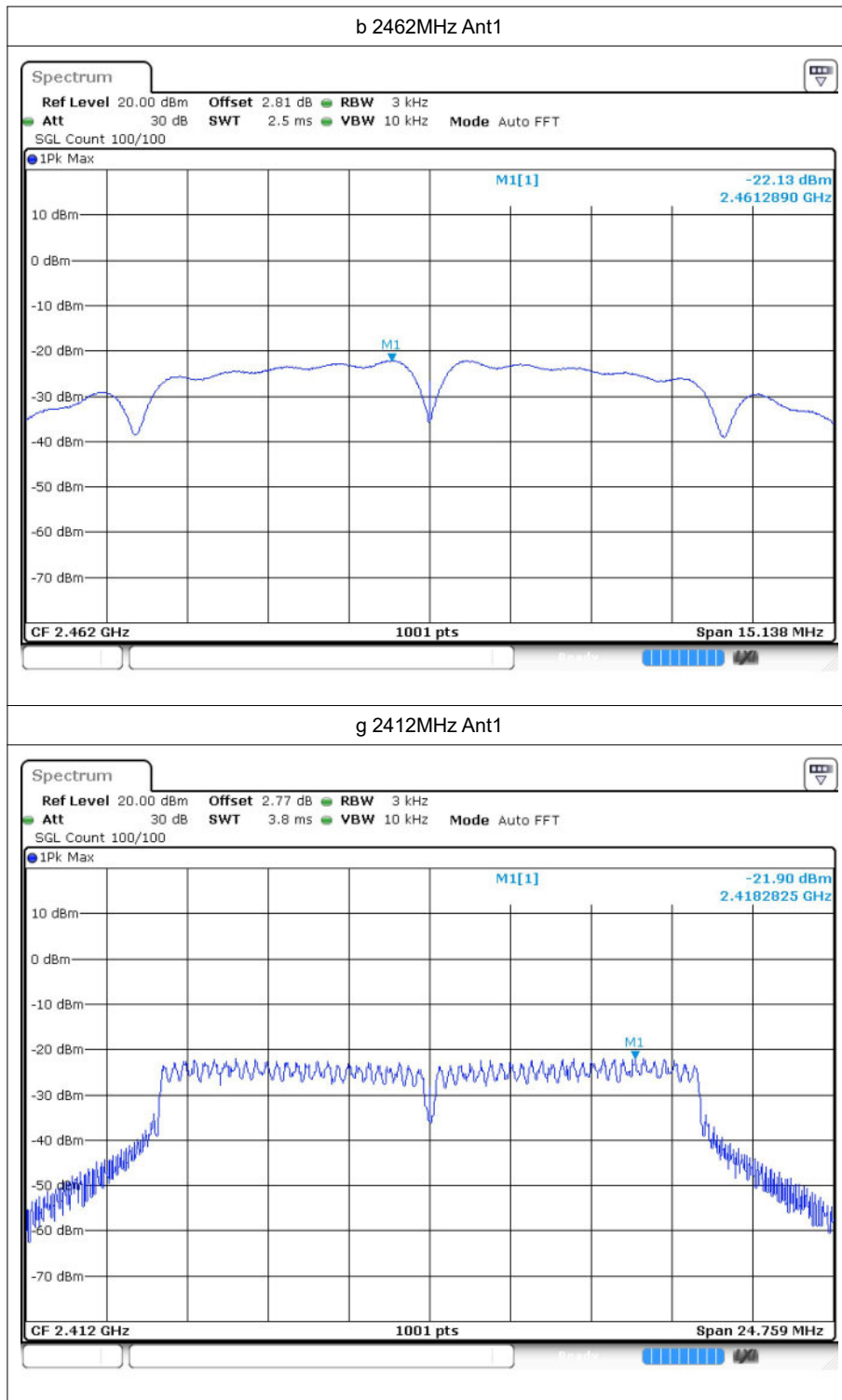
## 4 Maximum Power Spectral Density Level

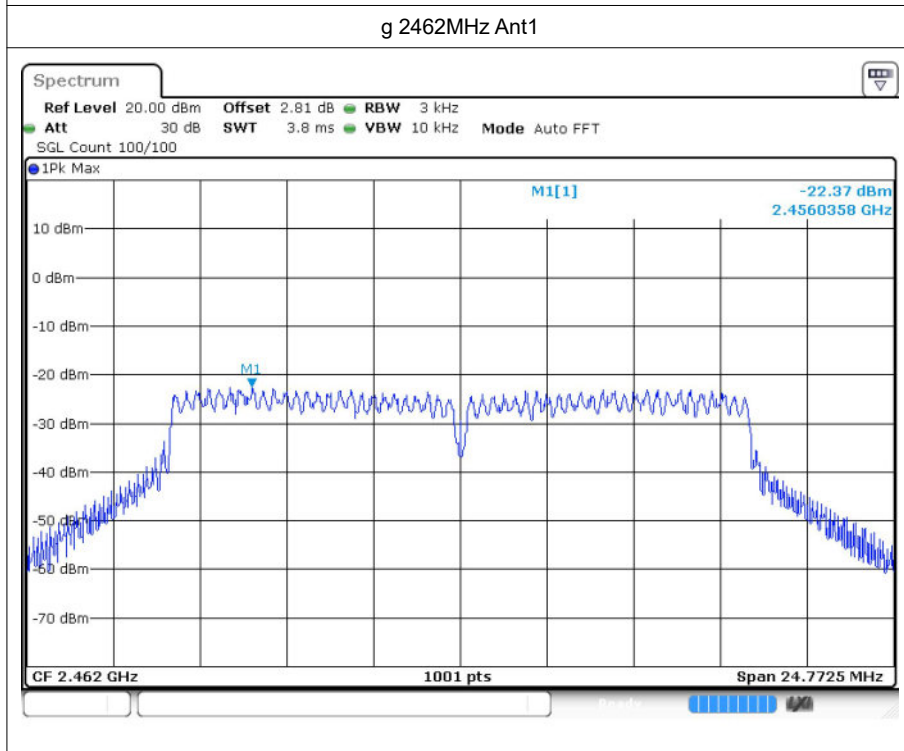
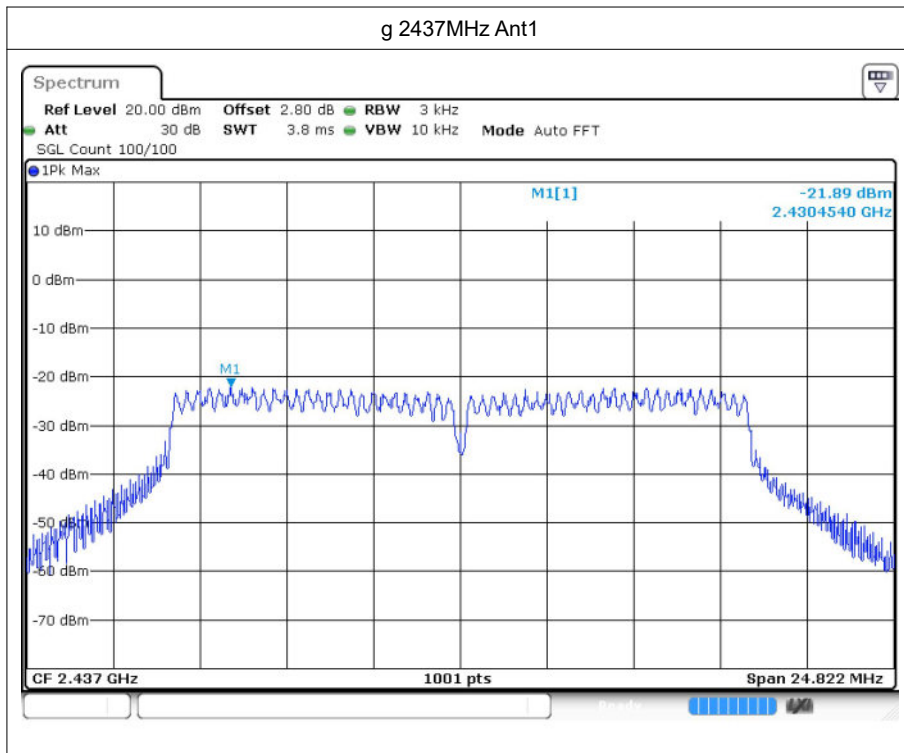
### 4.1 Test Result

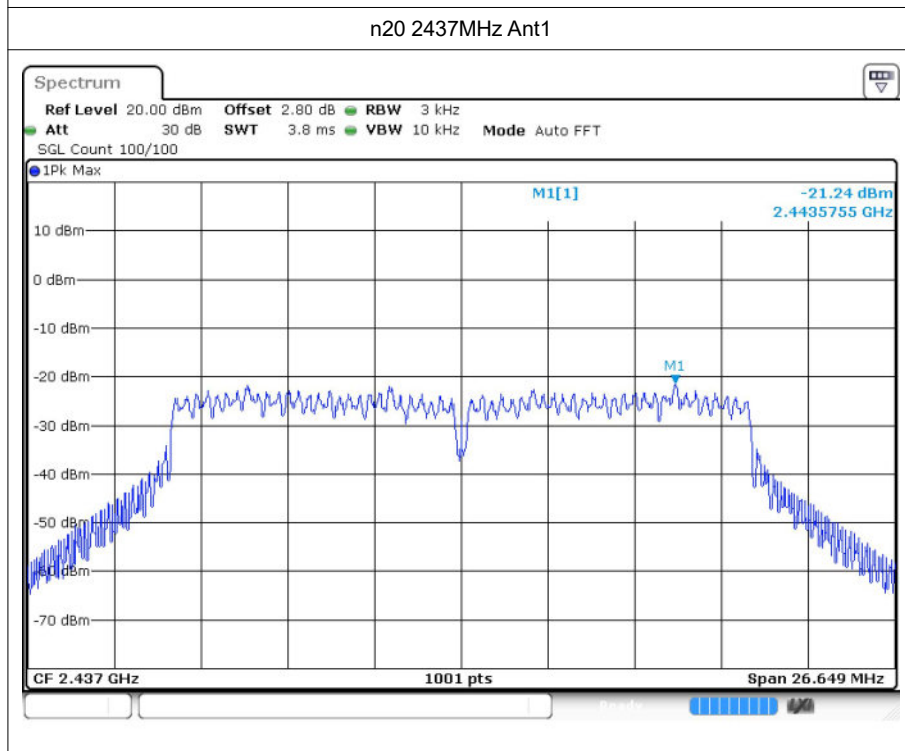
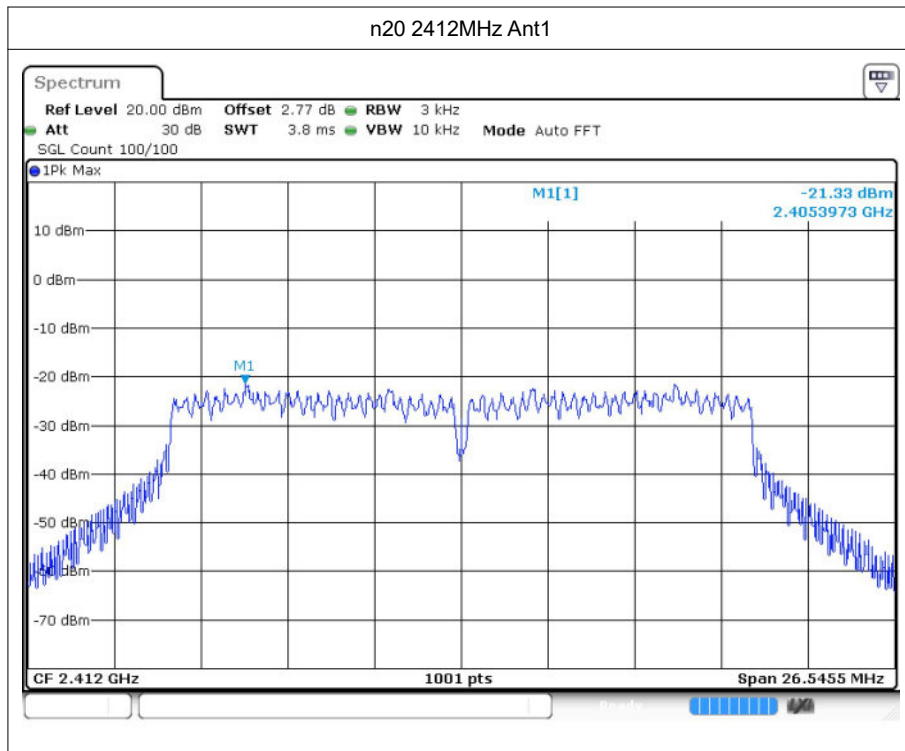
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
b	2412	Ant1	-21.28	≤8	Pass
b	2437	Ant1	-21.52	≤8	Pass
b	2462	Ant1	-22.13	≤8	Pass
g	2412	Ant1	-21.9	≤8	Pass
g	2437	Ant1	-21.89	≤8	Pass
g	2462	Ant1	-22.37	≤8	Pass
n20	2412	Ant1	-21.33	≤8	Pass
n20	2437	Ant1	-21.24	≤8	Pass
n20	2462	Ant1	-22.24	≤8	Pass
n40	2422	Ant1	-24.71	≤8	Pass
n40	2437	Ant1	-25.51	≤8	Pass
n40	2452	Ant1	-24.85	≤8	Pass

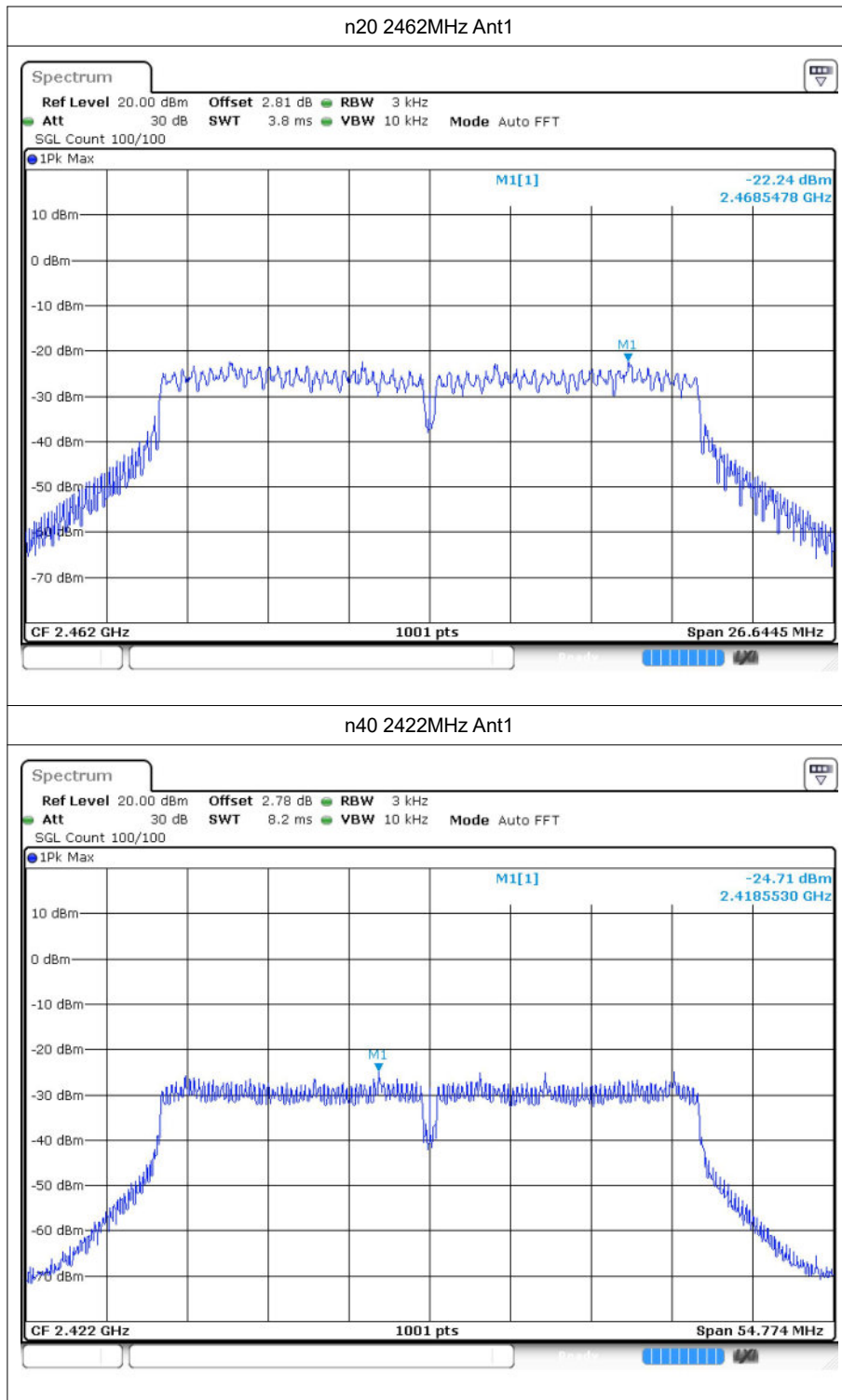
## 4.2 Test Graphs

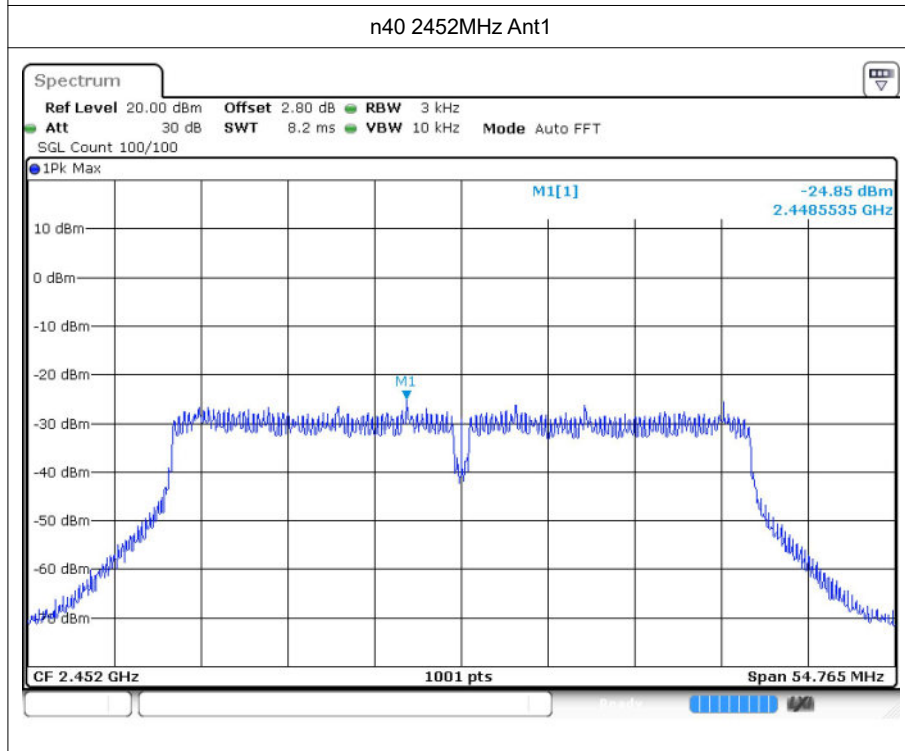
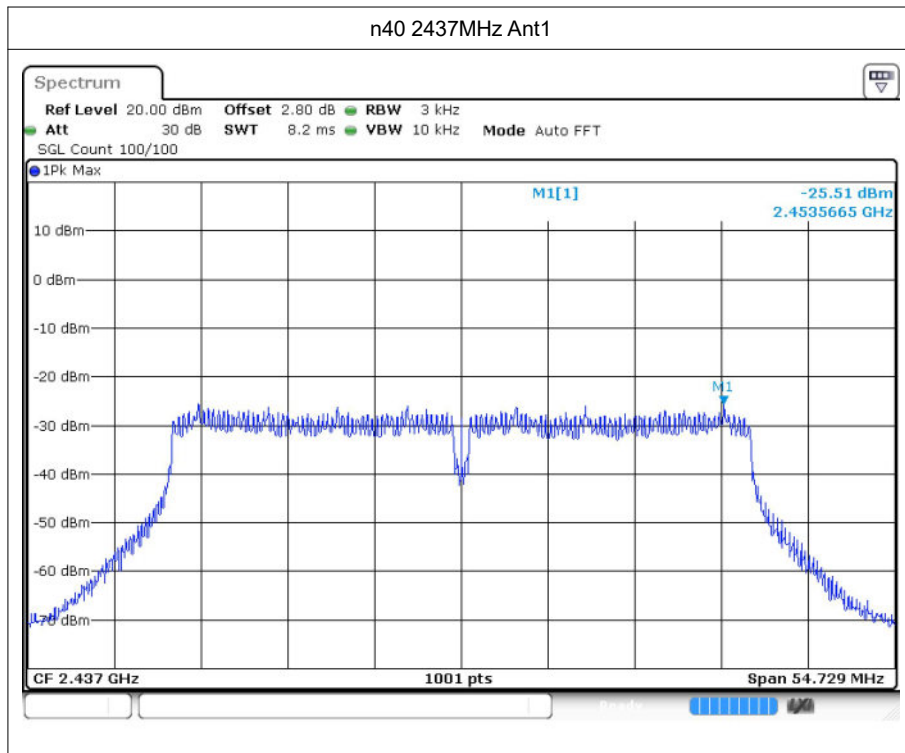














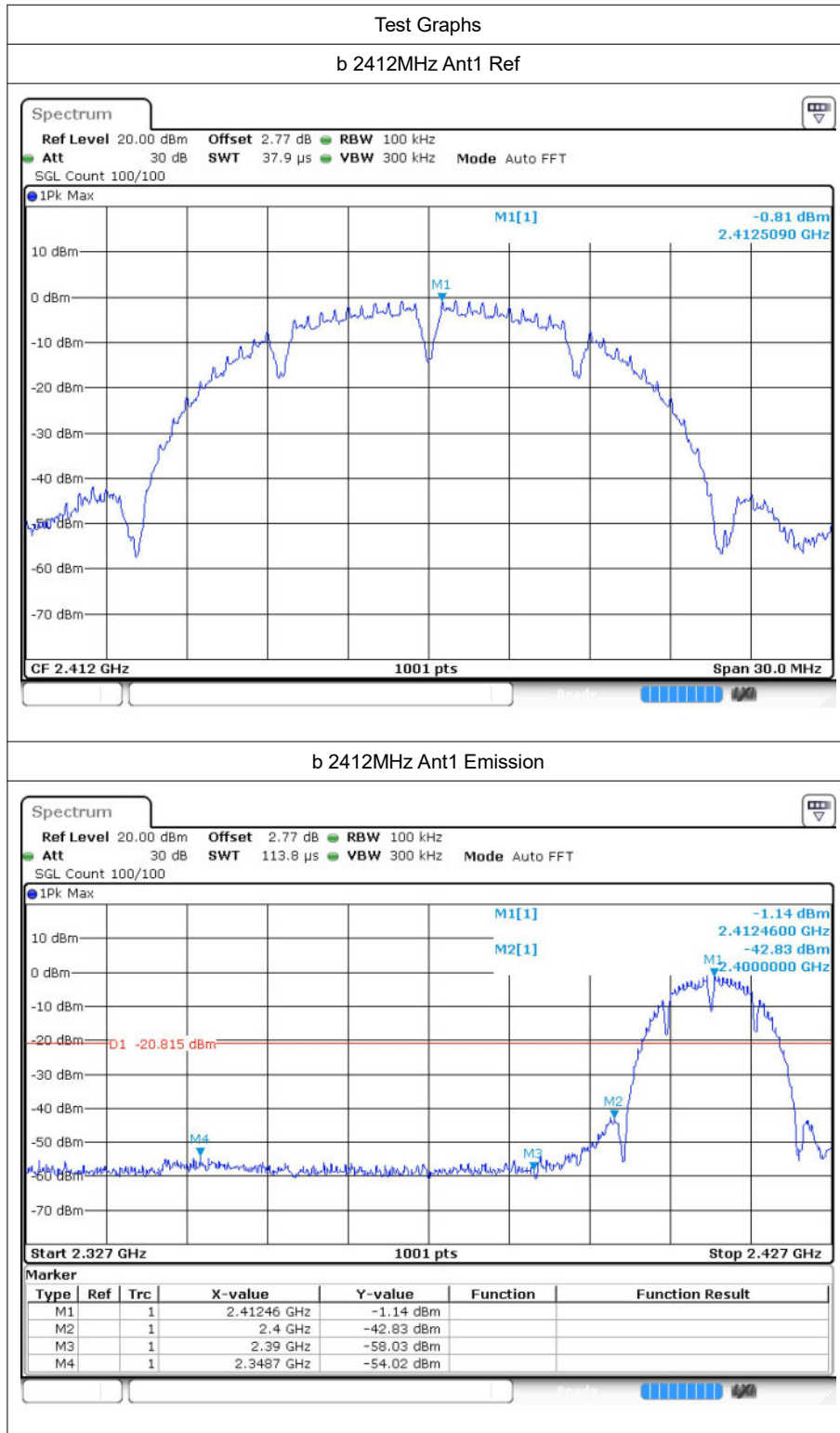


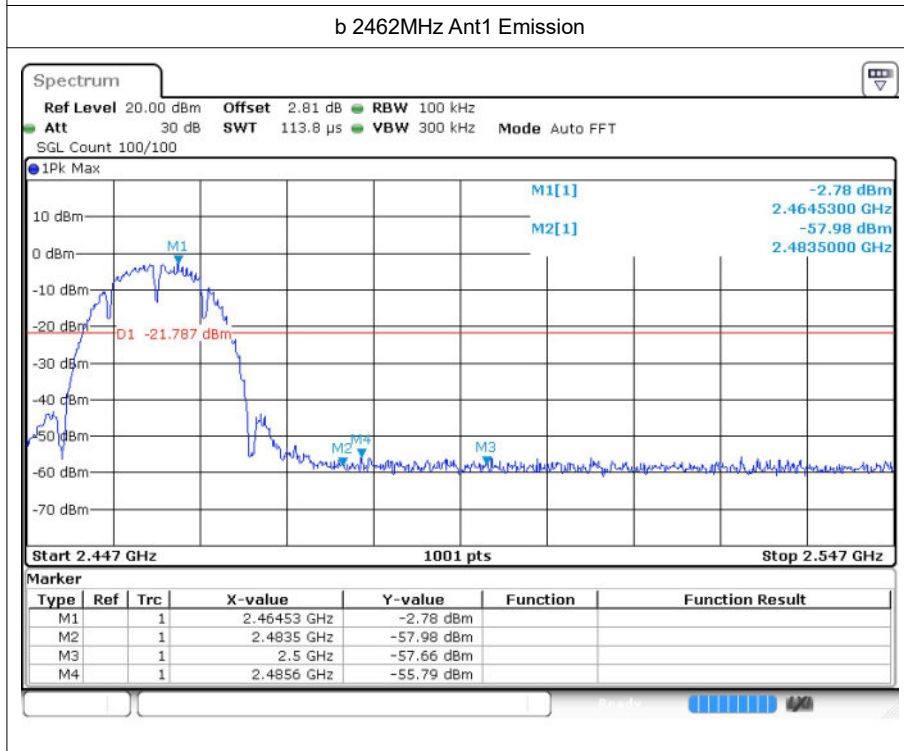
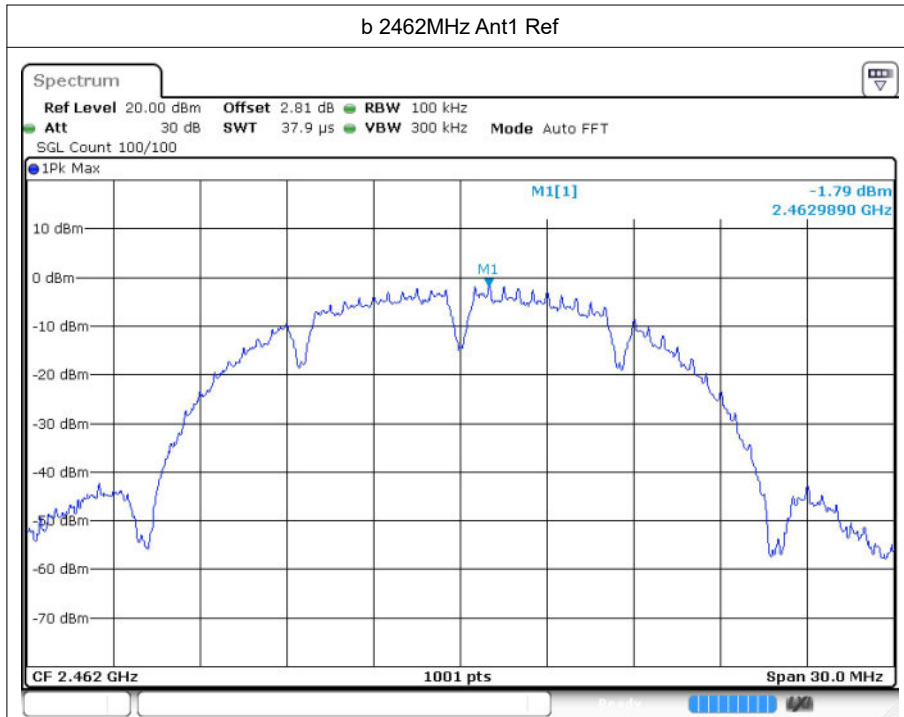
## 5 Band Edge

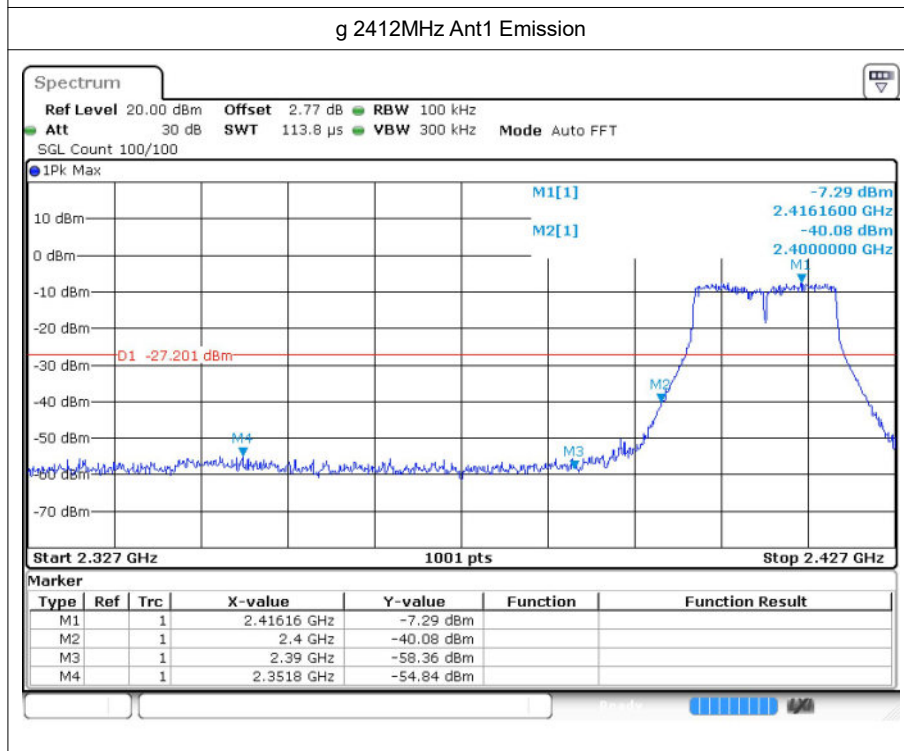
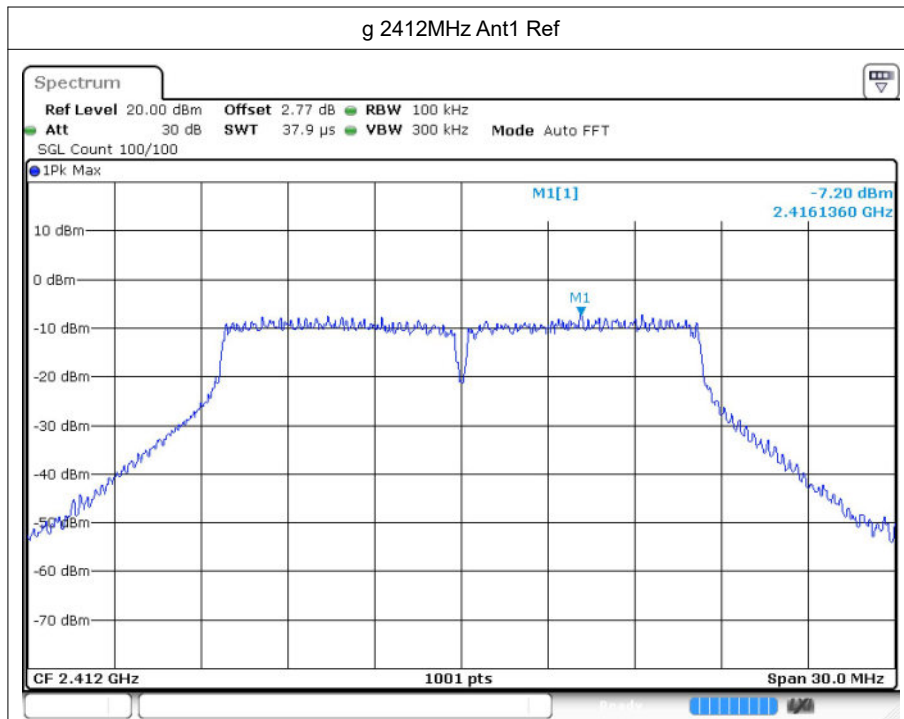
### 5.1 Test Result

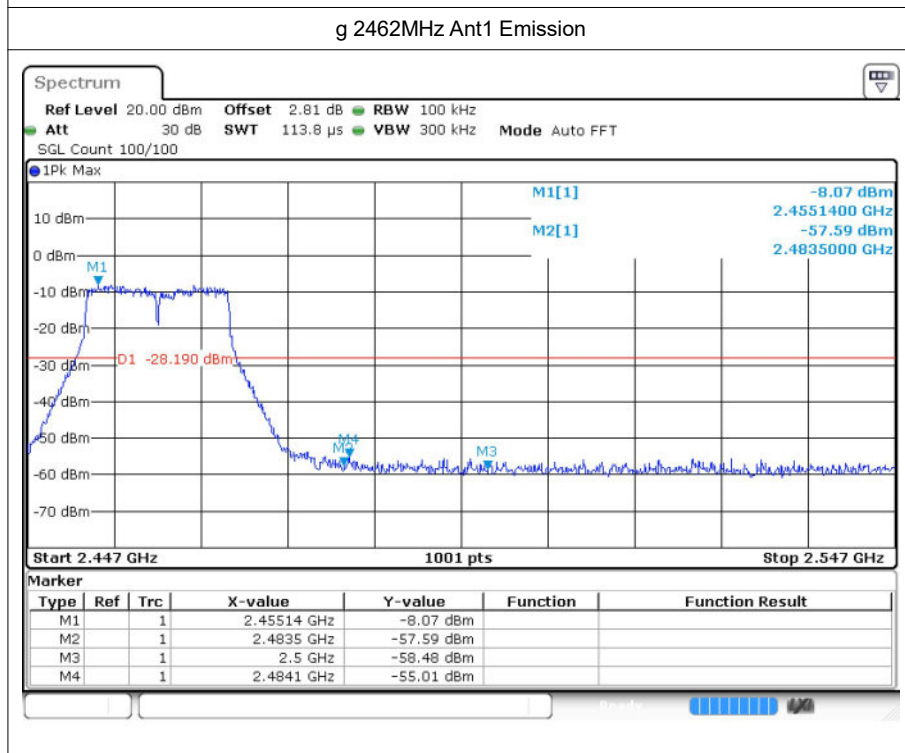
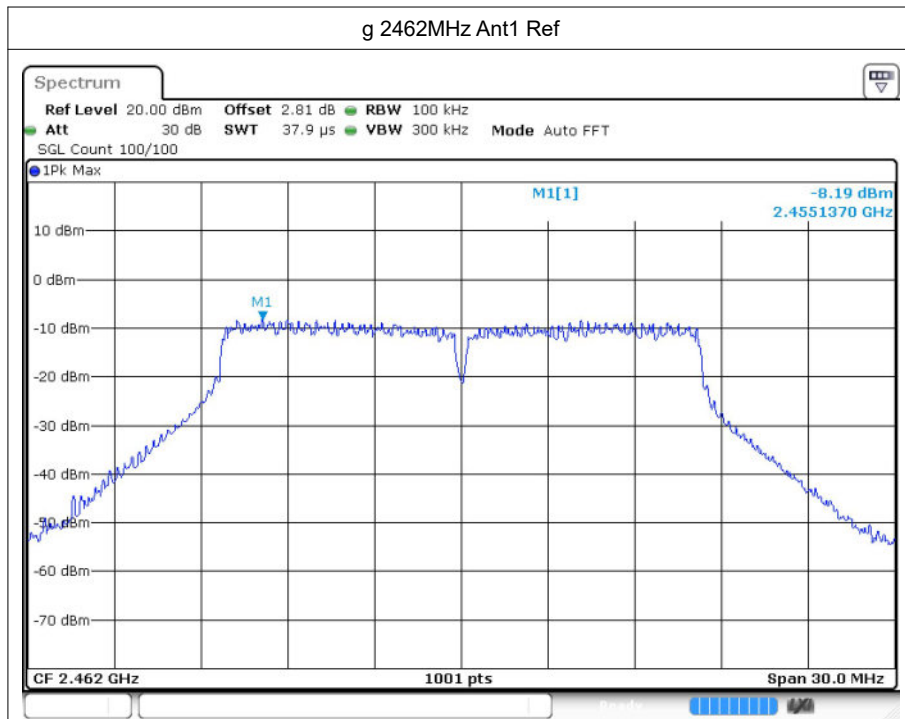
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-53.2	-20	Pass
b	2462	Ant1	-54	-20	Pass
g	2412	Ant1	-47.63	-20	Pass
g	2462	Ant1	-46.82	-20	Pass
n20	2412	Ant1	-45.64	-20	Pass
n20	2462	Ant1	-47.17	-20	Pass
n40	2422	Ant1	-42.93	-20	Pass
n40	2452	Ant1	-41.58	-20	Pass

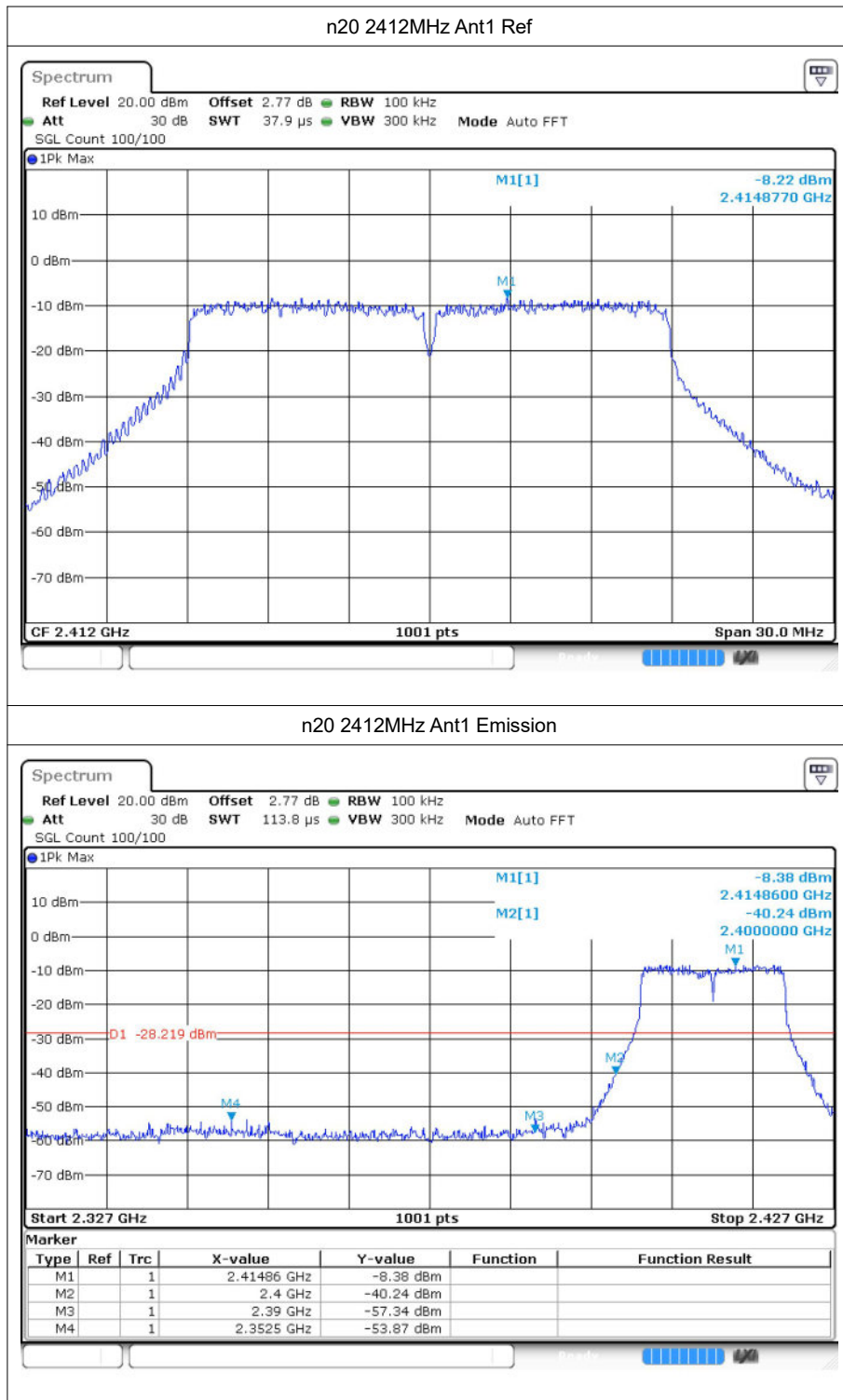
## 5.2 Test Graphs

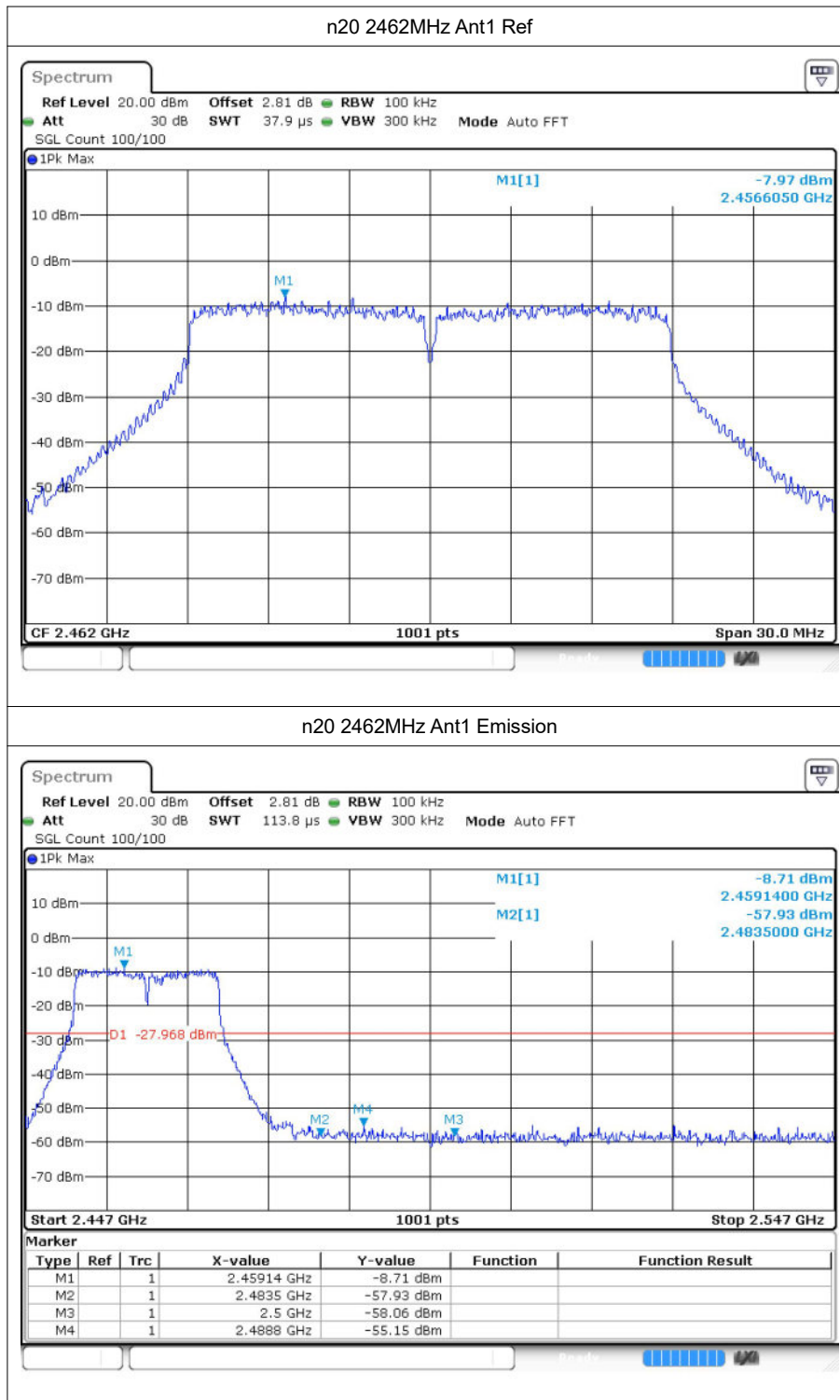


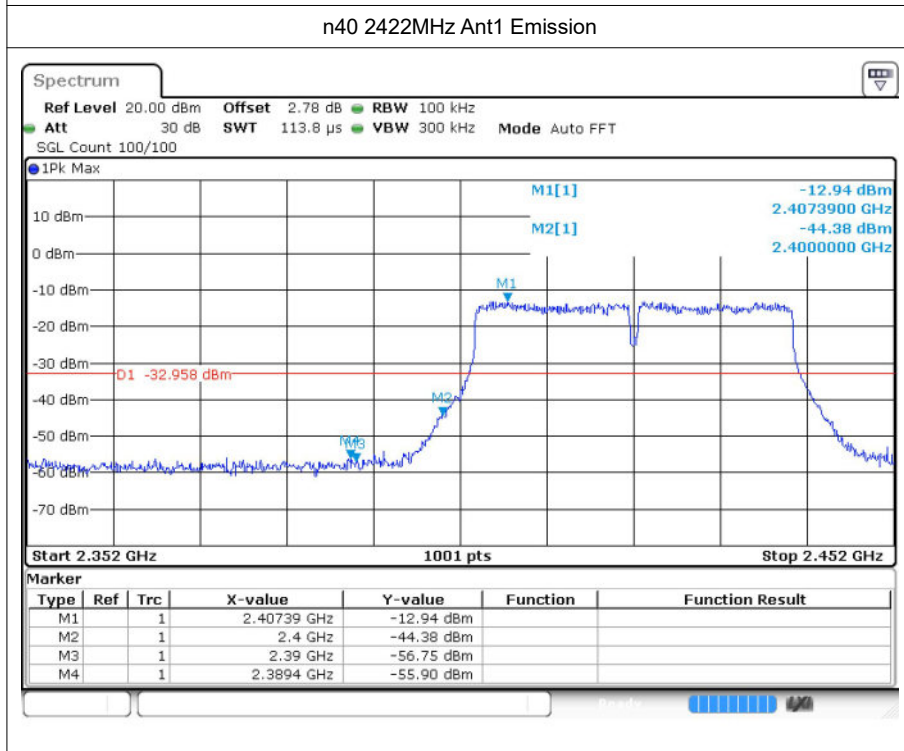
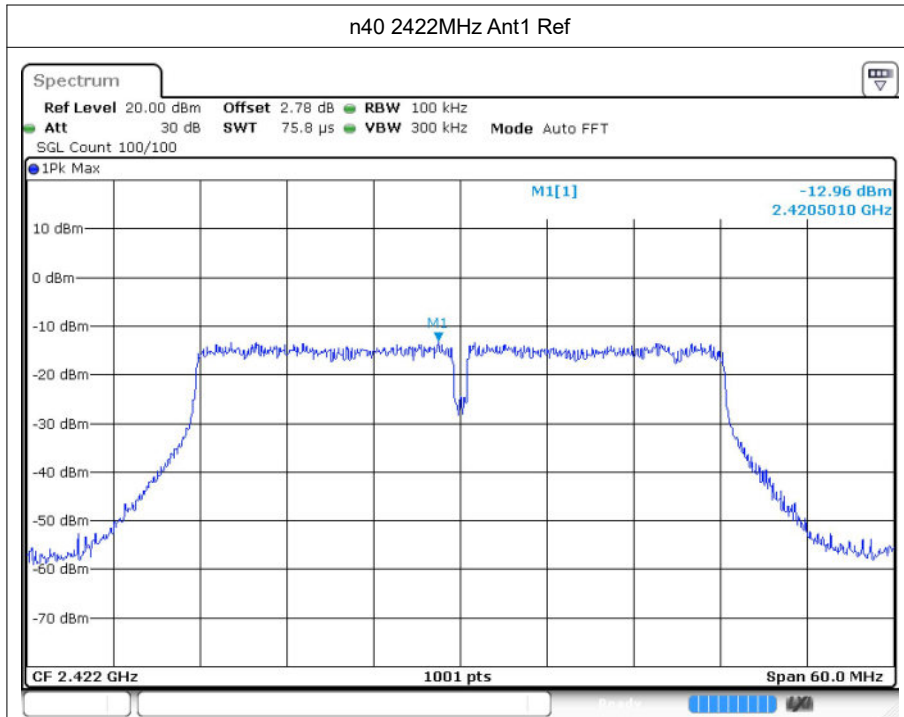




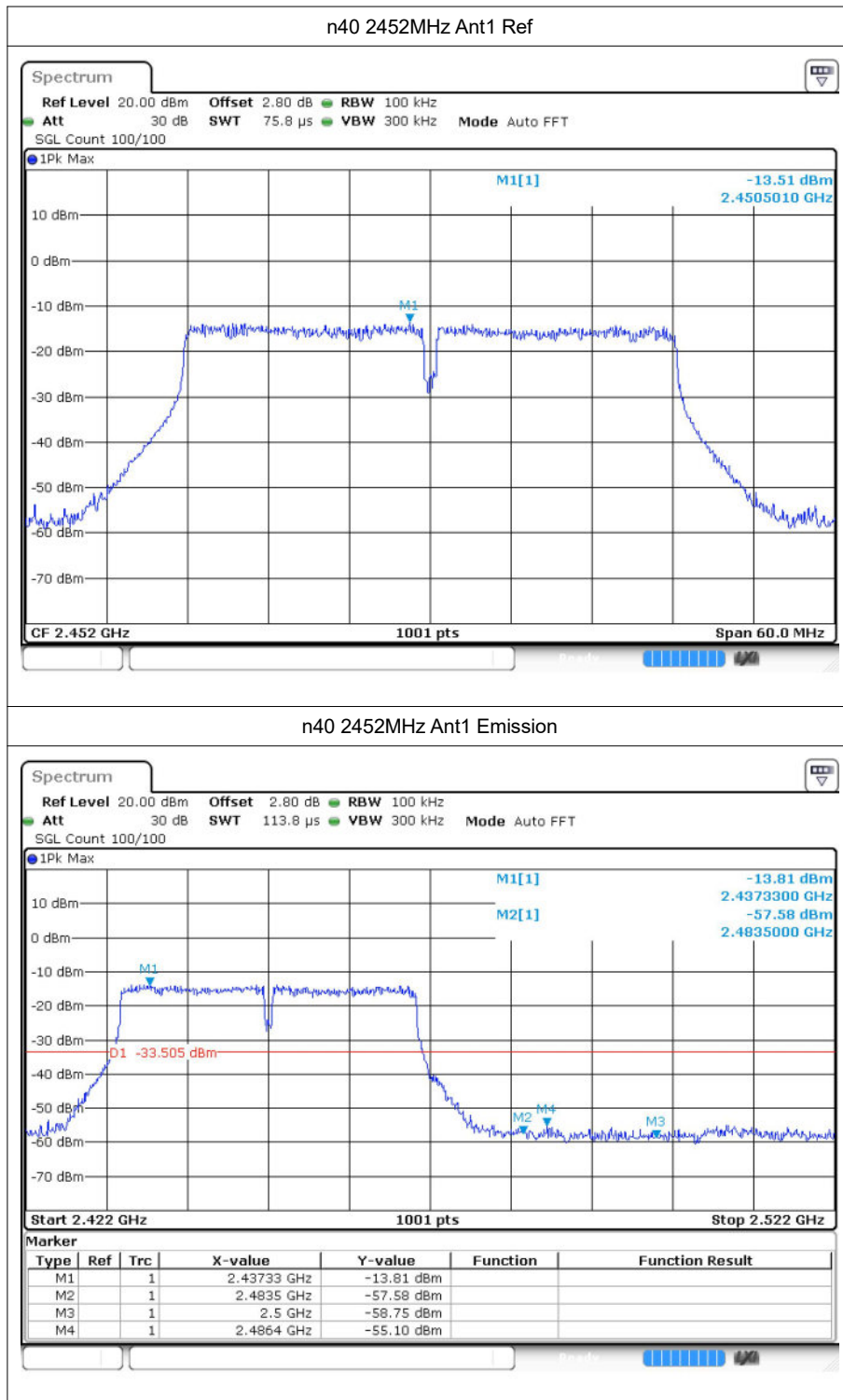












## 6 Conducted RF Spurious Emission

### 6.1 Test Result

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant1	-42.11	-20	Pass
b	2437	Ant1	-41.7	-20	Pass
b	2462	Ant1	-41.22	-20	Pass
g	2412	Ant1	-35.97	-20	Pass
g	2437	Ant1	-34.71	-20	Pass
g	2462	Ant1	-33.76	-20	Pass
n20	2412	Ant1	-34.66	-20	Pass
n20	2437	Ant1	-34.15	-20	Pass
n20	2462	Ant1	-34.46	-20	Pass
n40	2422	Ant1	-30.1	-20	Pass
n40	2437	Ant1	-28.93	-20	Pass
n40	2452	Ant1	-28.64	-20	Pass