



Appendix C

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Tablet

Trade Mark: Blackview

Test Model: MEGA 2 WiFi

Environmental Conditions

Temperature:	25.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



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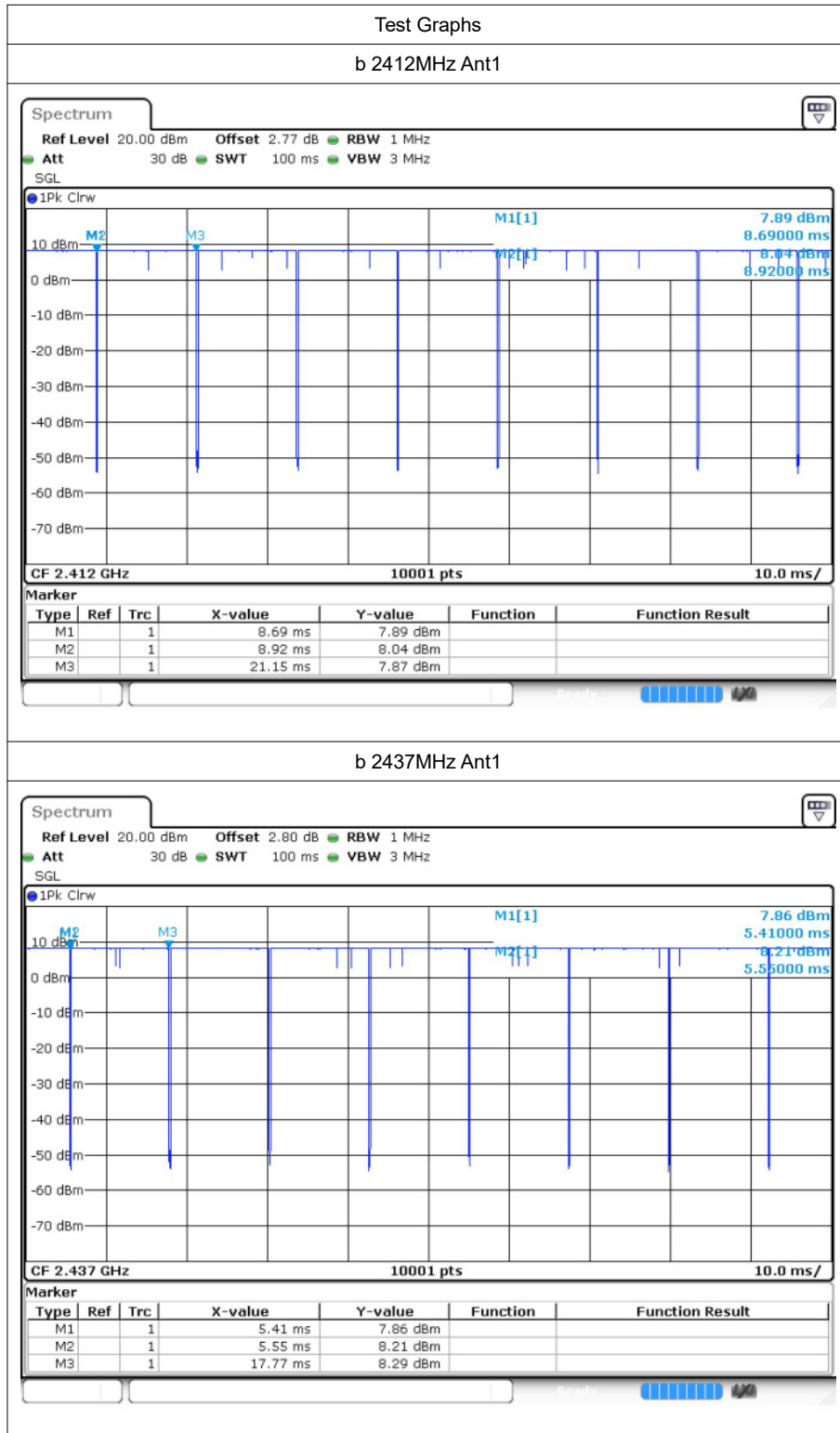


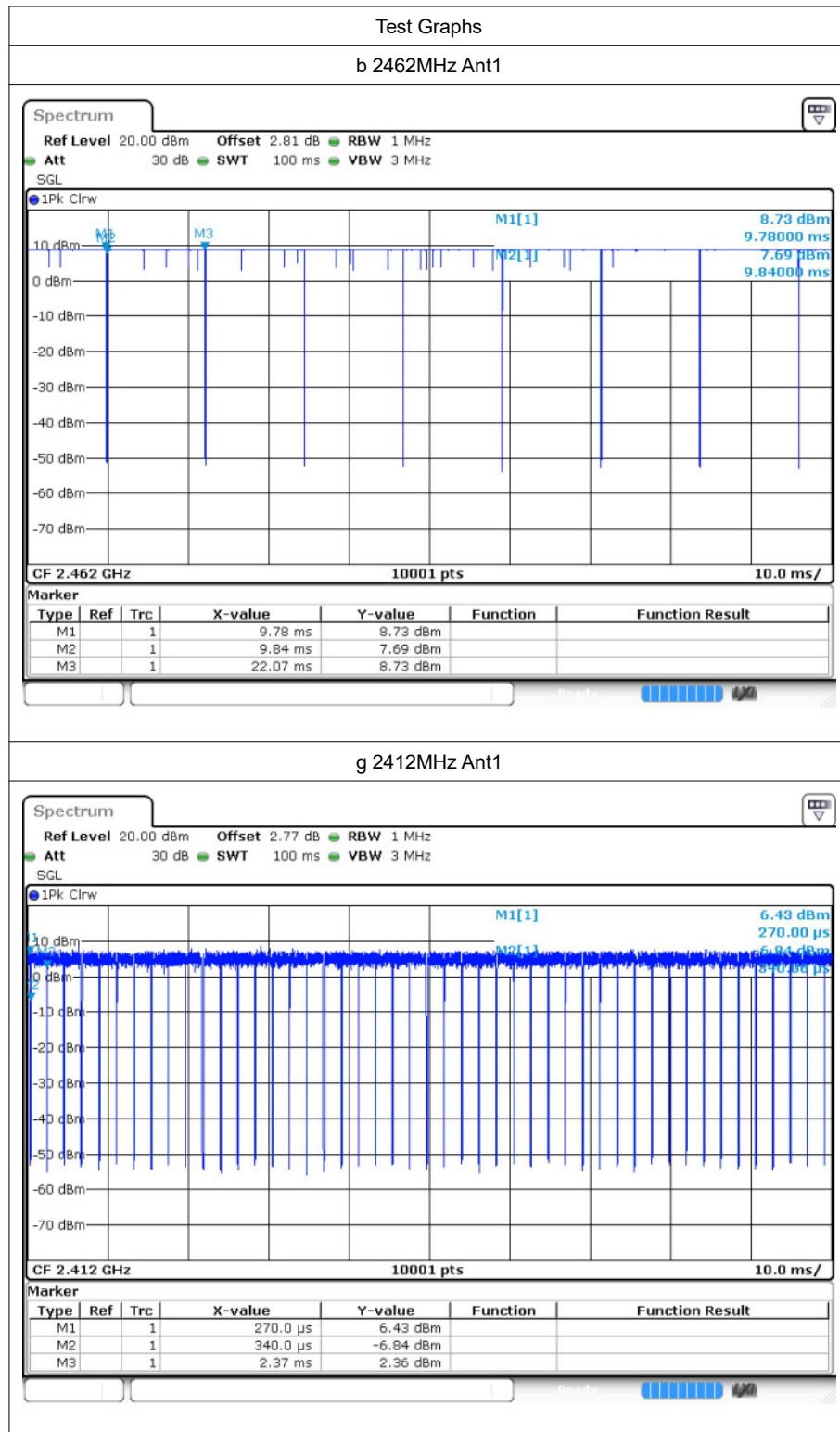
1 Duty Cycle

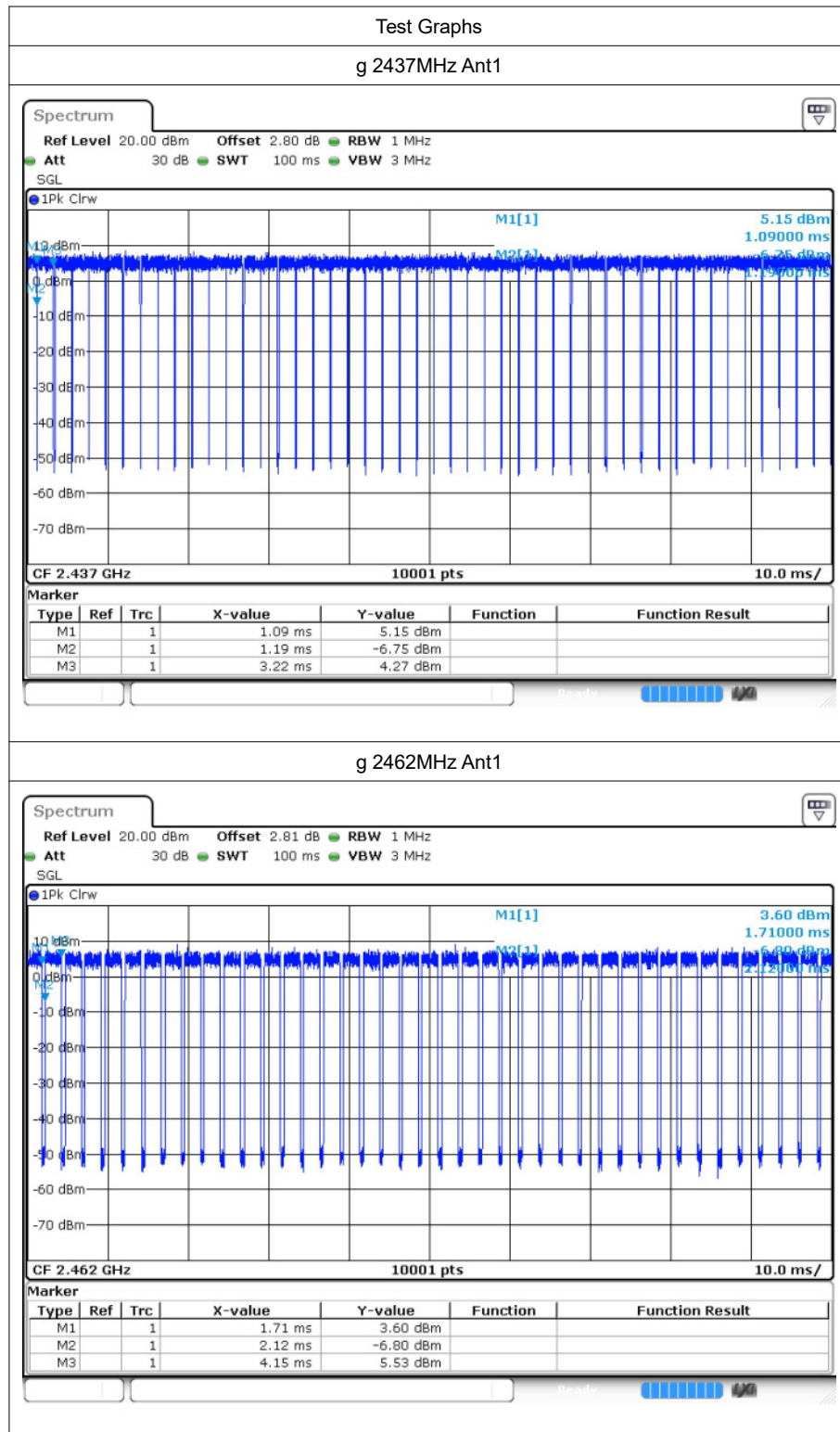
1.1 Test Result

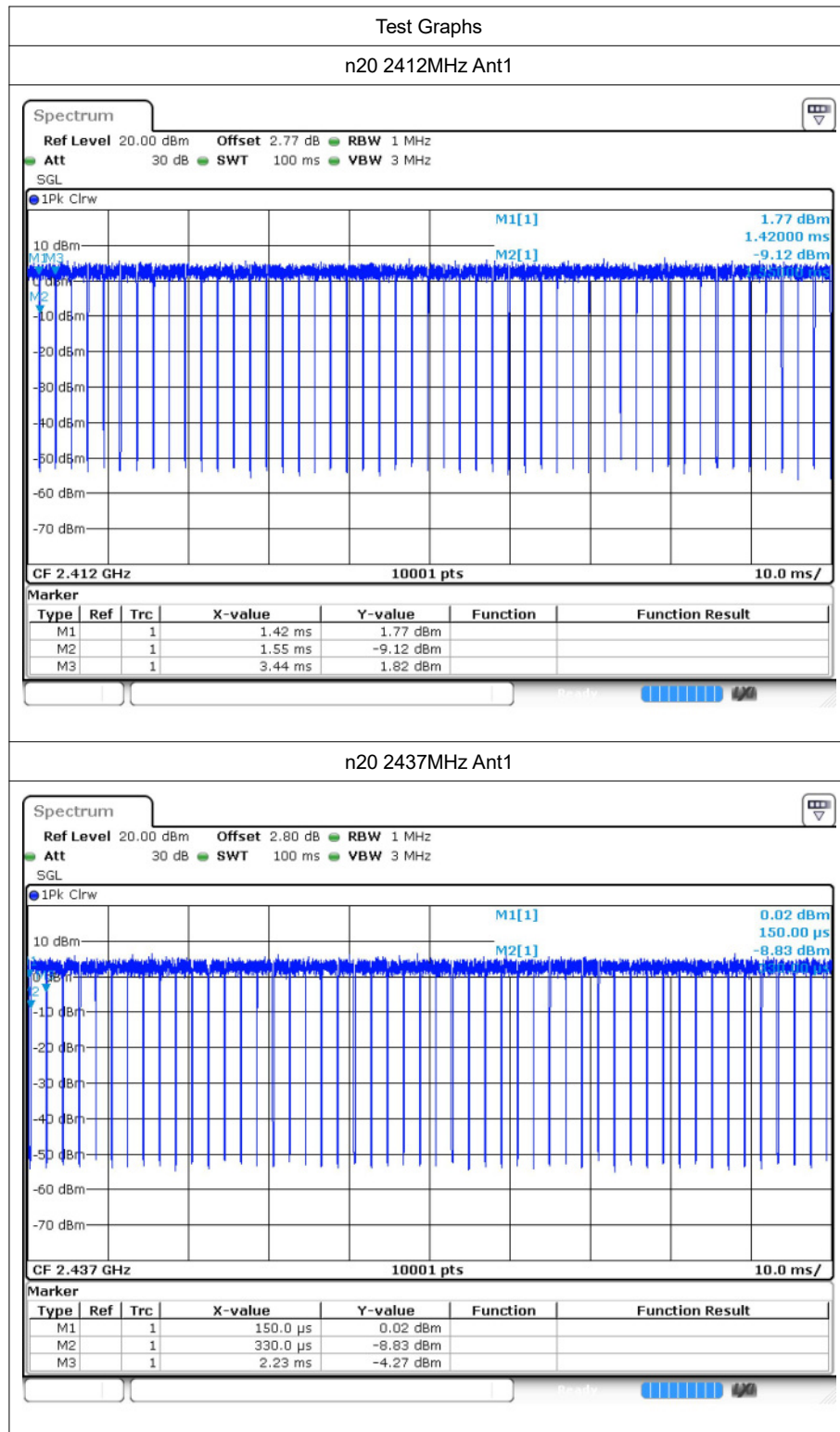
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor	1/T (kHz)
b	2412	Ant1	98.45	0.07	0.08
b	2437	Ant1	98.77	0.05	0.08
b	2462	Ant1	99.45	0.02	0.08
g	2412	Ant1	95.11	0.22	0.49
g	2437	Ant1	95.17	0.21	0.49
g	2462	Ant1	82.69	0.83	0.49
n20	2412	Ant1	94.74	0.23	0.53
n20	2437	Ant1	93.96	0.27	0.53
n20	2462	Ant1	87.27	0.59	0.53
n40	2422	Ant1	98.03	0.09	0.2
n40	2437	Ant1	96.68	0.15	0.2
n40	2452	Ant1	97.87	0.09	0.2
ax20	2412	Ant1	96.02	0.18	0.26
ax20	2437	Ant1	97.26	0.12	0.26
ax20	2462	Ant1	97.39	0.11	0.26
ax40	2422	Ant1	95.75	0.19	0.26
ax40	2437	Ant1	96.32	0.16	0.26
ax40	2452	Ant1	97.24	0.12	0.26

1.2 Test Graphs







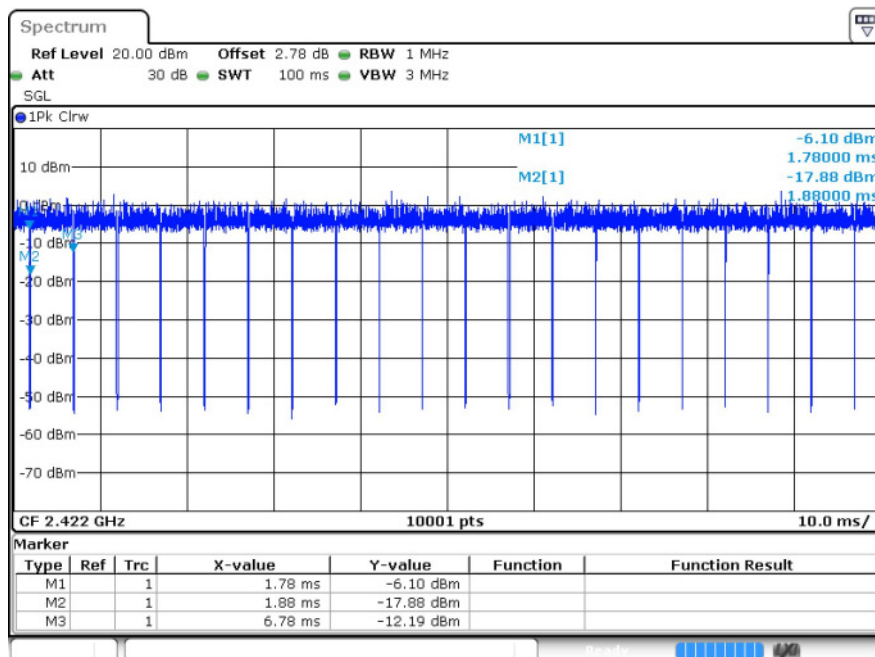


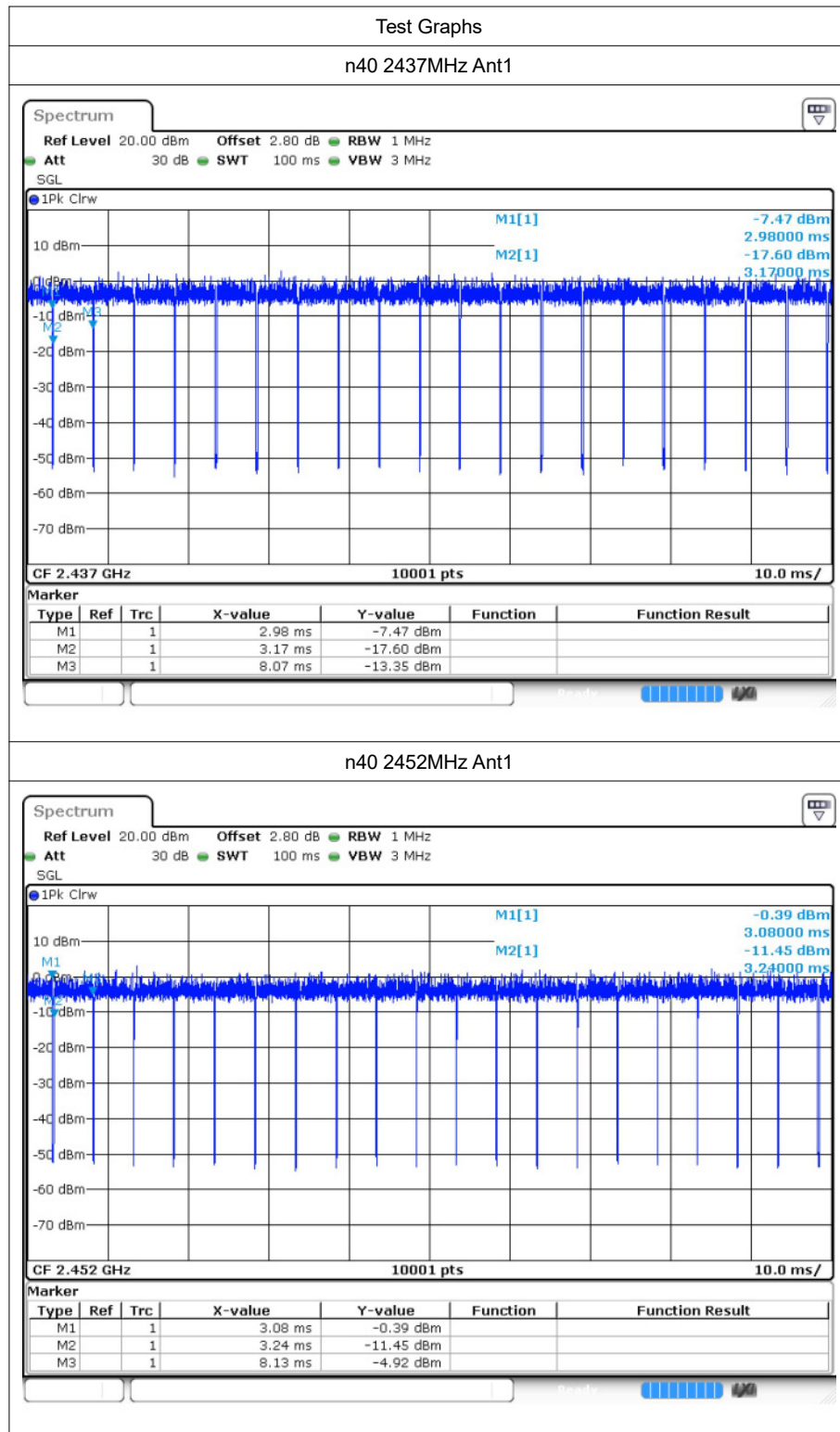
Test Graphs

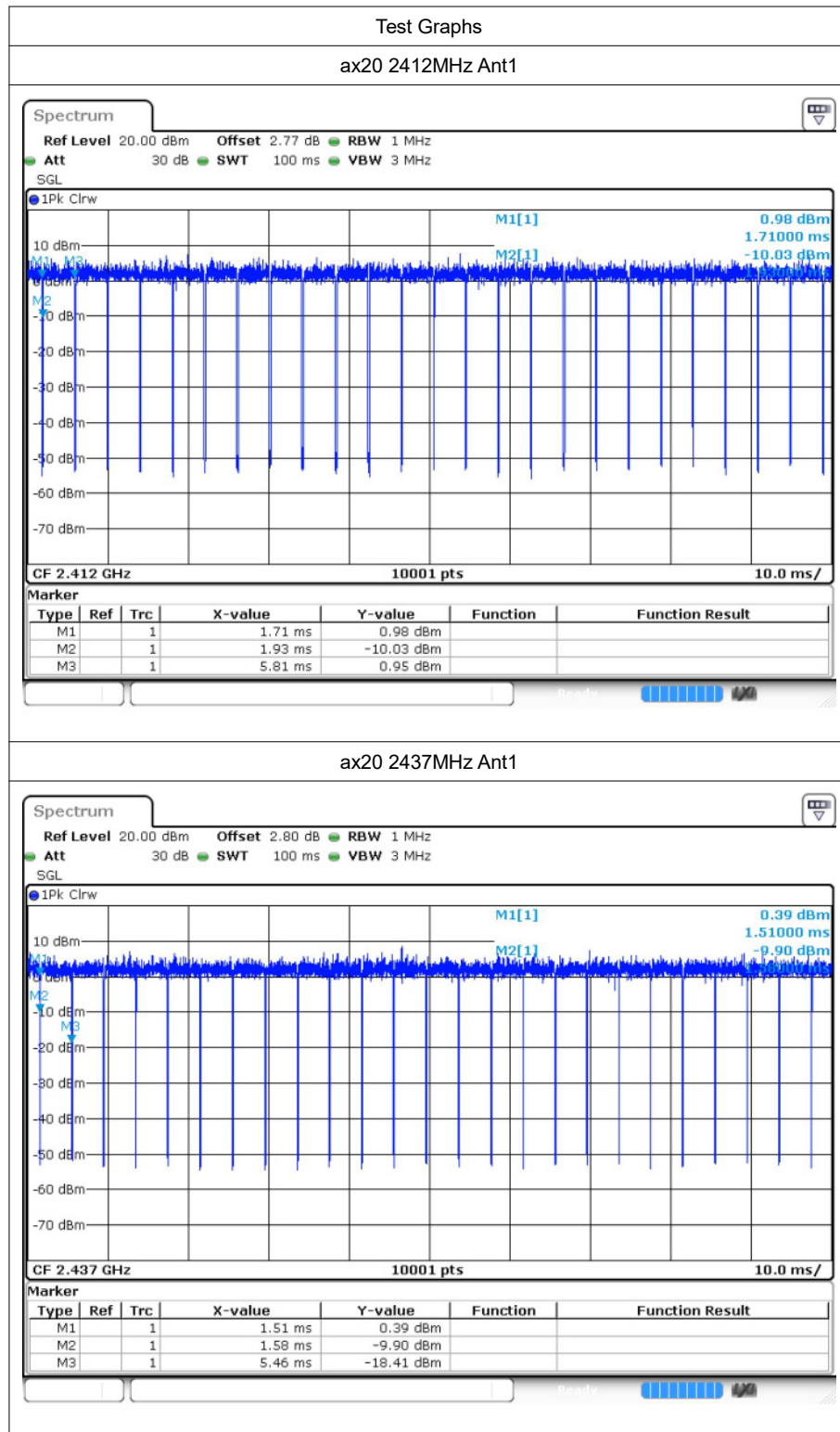
n20 2462MHz Ant1

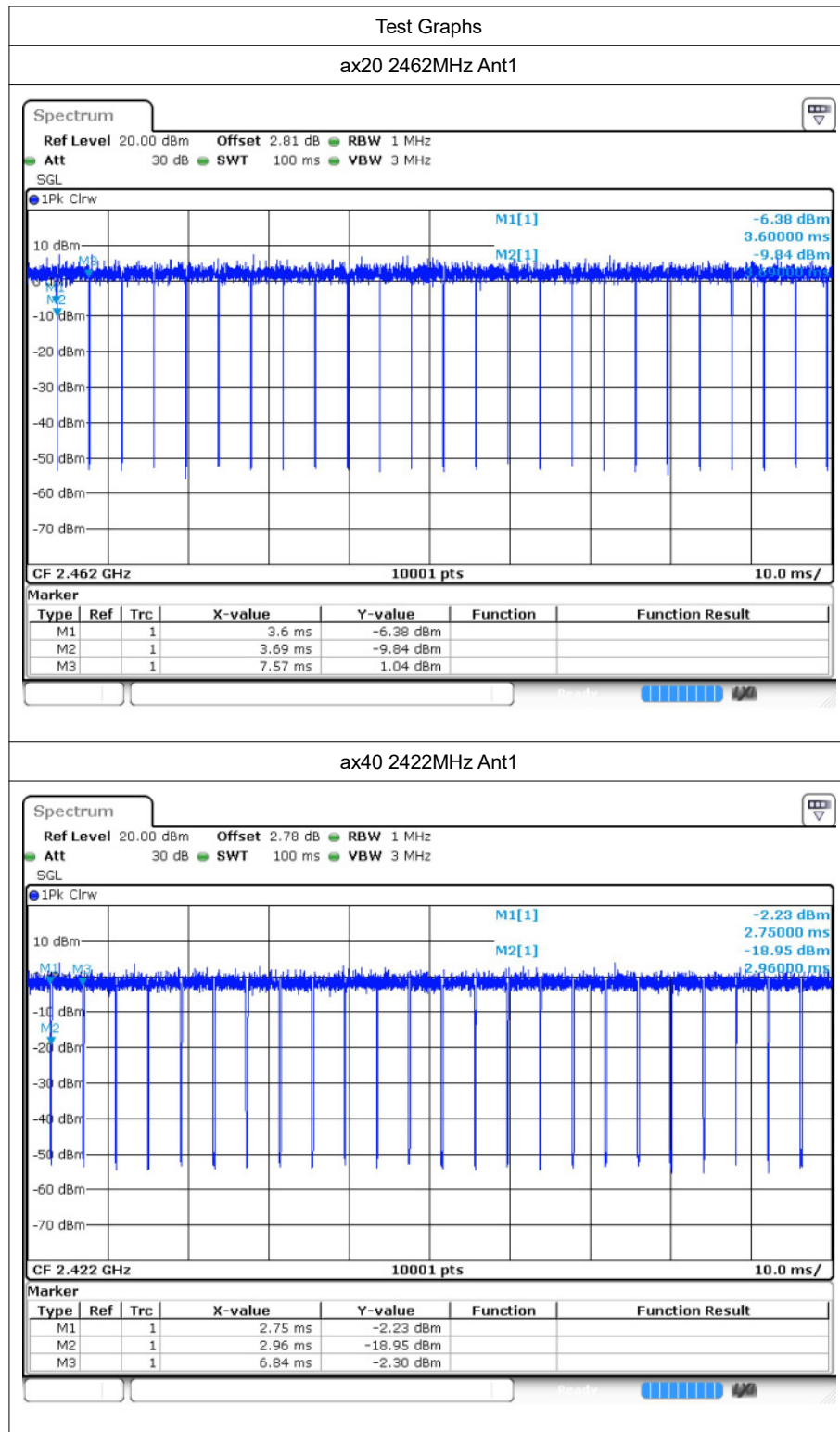


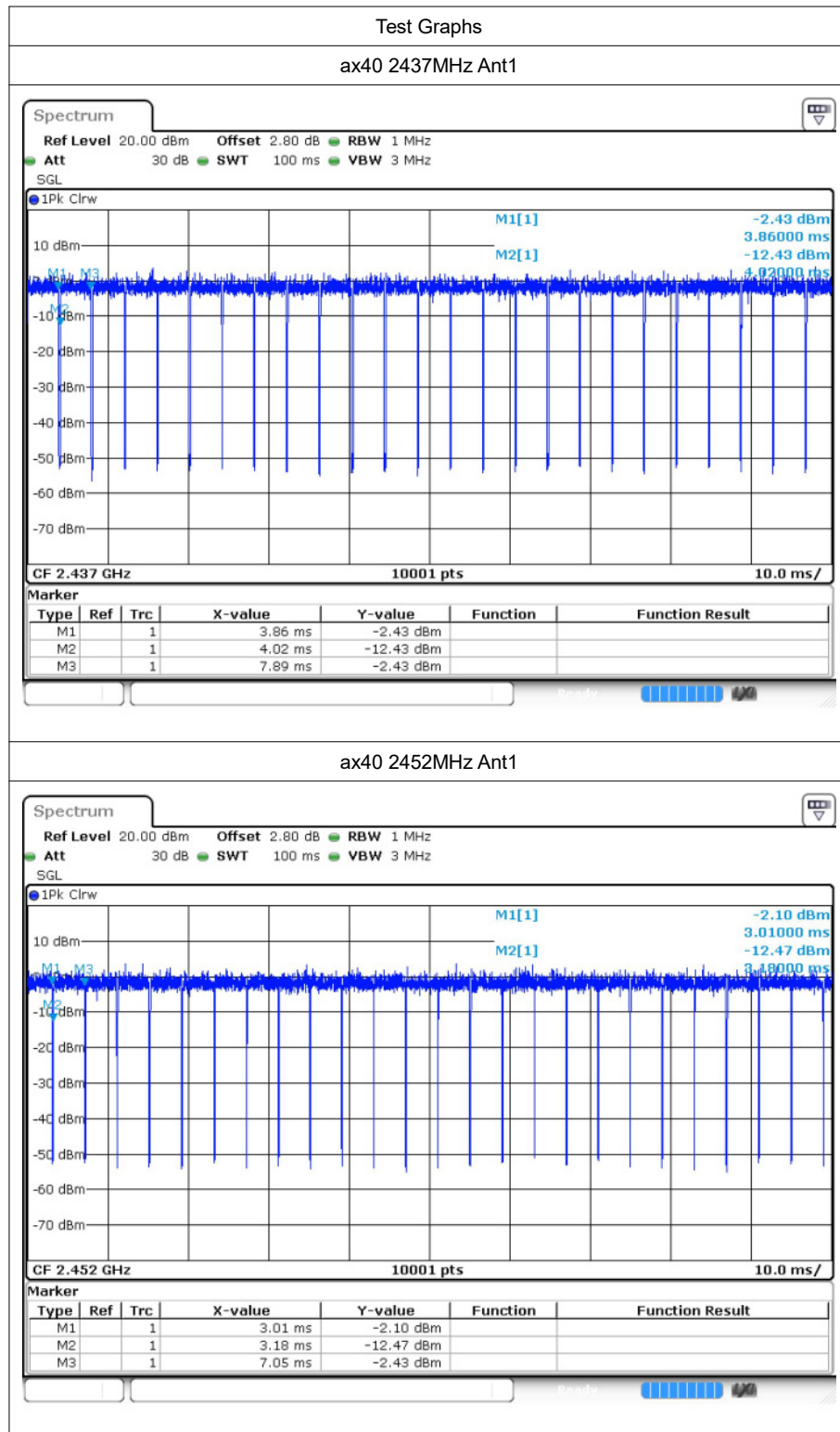
n40 2422MHz Ant1











2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	17.71	30	Pass
b	2437	Ant1	17.81	30	Pass
b	2462	Ant1	18.18	30	Pass
g	2412	Ant1	17.83	30	Pass
g	2437	Ant1	17.9	30	Pass
g	2462	Ant1	17.84	30	Pass
n20	2412	Ant1	15.71	30	Pass
n20	2437	Ant1	15.91	30	Pass
n20	2462	Ant1	15.69	30	Pass
n40	2422	Ant1	17	30	Pass
n40	2437	Ant1	17.48	30	Pass
n40	2452	Ant1	17.18	30	Pass
ax20	2412	Ant1	16.81	30	Pass
ax20	2437	Ant1	16.83	30	Pass
ax20	2462	Ant1	16.76	30	Pass
ax40	2422	Ant1	16.68	30	Pass
ax40	2437	Ant1	16.9	30	Pass
ax40	2452	Ant1	16.68	30	Pass

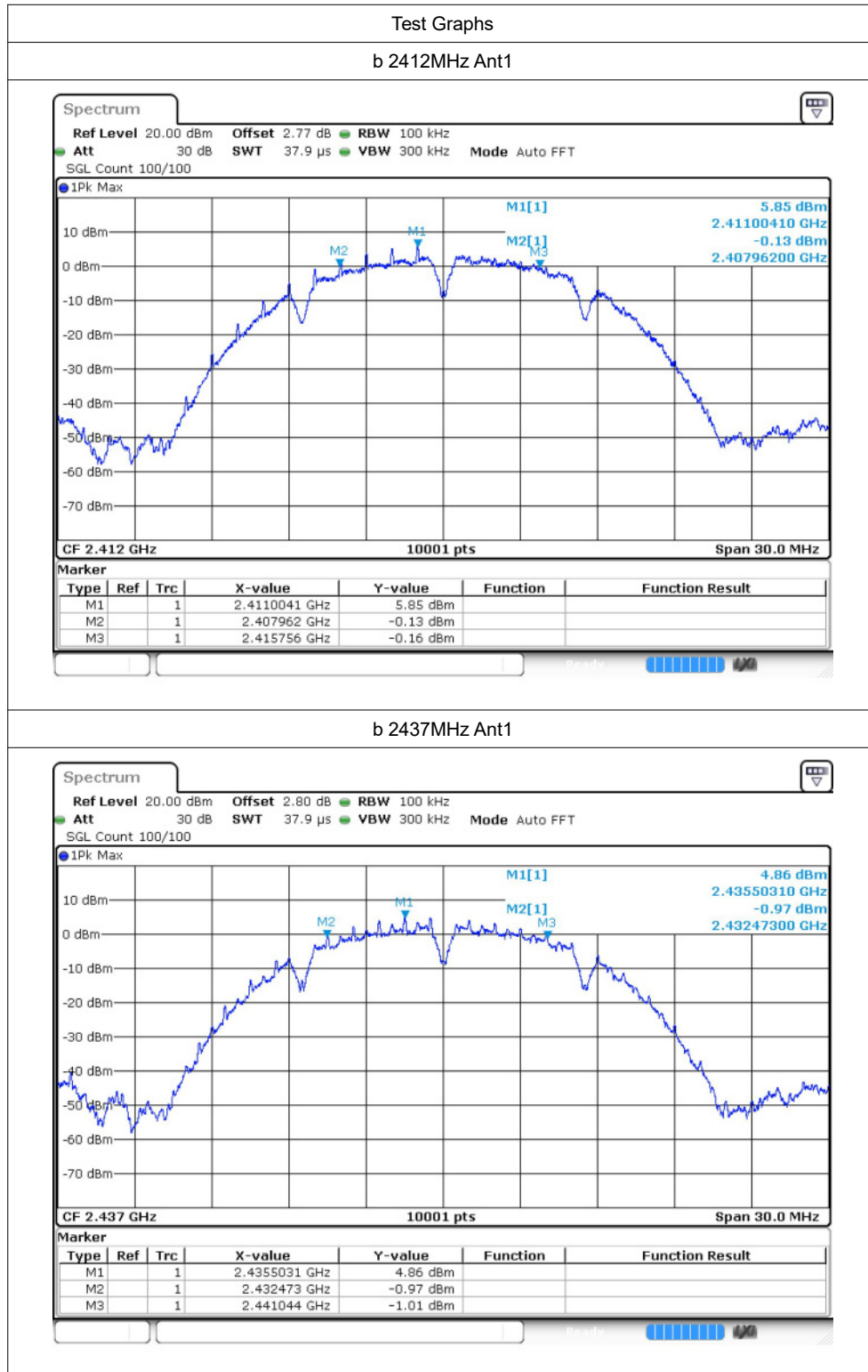


3 -6dB Bandwidth

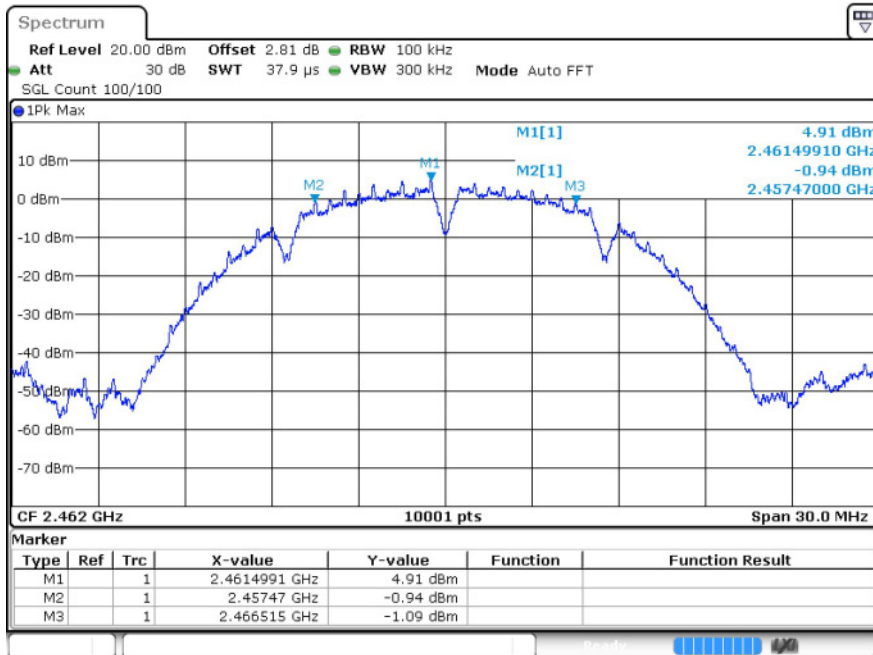
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant1	7.794	0.5	Pass
b	2437	Ant1	8.571	0.5	Pass
b	2462	Ant1	9.045	0.5	Pass
g	2412	Ant1	16.359	0.5	Pass
g	2437	Ant1	16.413	0.5	Pass
g	2462	Ant1	16.056	0.5	Pass
n20	2412	Ant1	17.607	0.5	Pass
n20	2437	Ant1	17.64	0.5	Pass
n20	2462	Ant1	17.595	0.5	Pass
n40	2422	Ant1	36.354	0.5	Pass
n40	2437	Ant1	36.378	0.5	Pass
n40	2452	Ant1	36.336	0.5	Pass
ax20	2412	Ant1	18.825	0.5	Pass
ax20	2437	Ant1	18.735	0.5	Pass
ax20	2462	Ant1	18.912	0.5	Pass
ax40	2422	Ant1	34.8	0.5	Pass
ax40	2437	Ant1	37.266	0.5	Pass
ax40	2452	Ant1	37.332	0.5	Pass

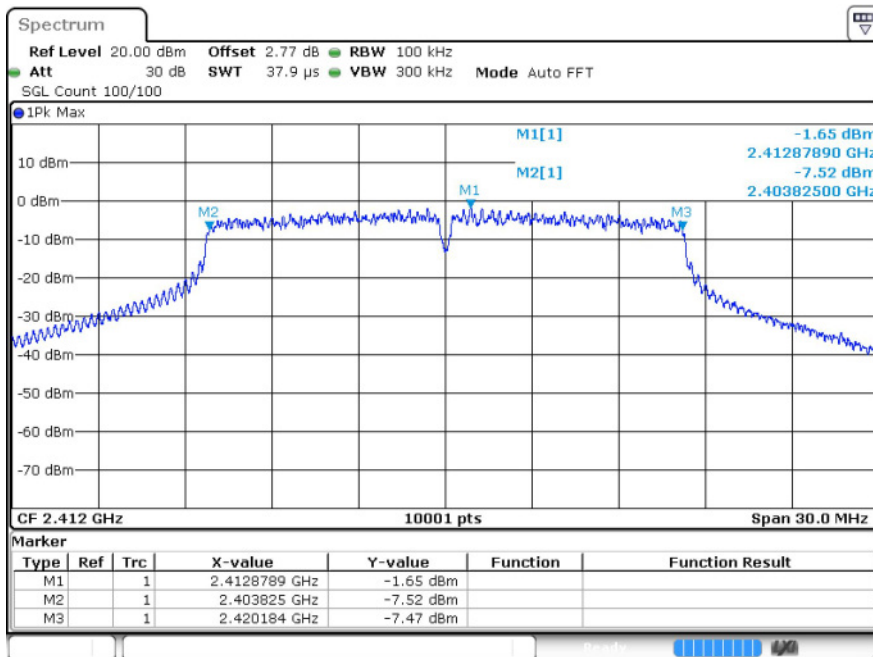
3.2 Test Graphs



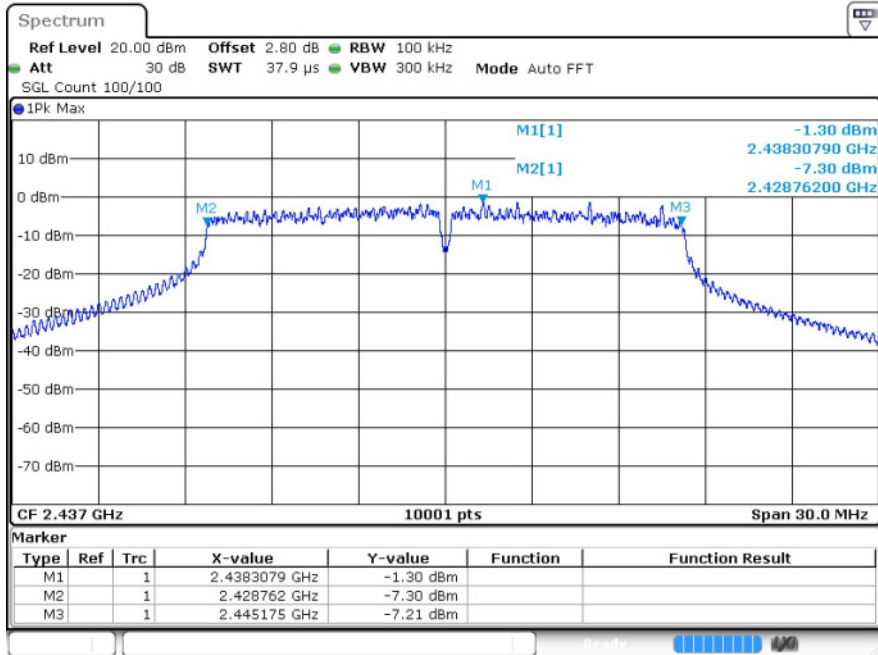
b 2462MHz Ant1



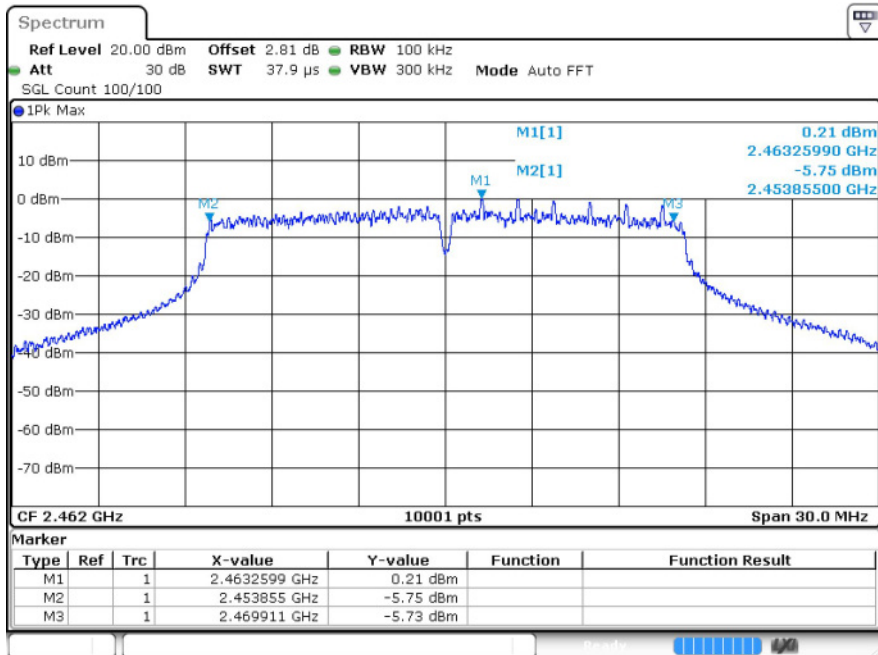
g 2412MHz Ant1

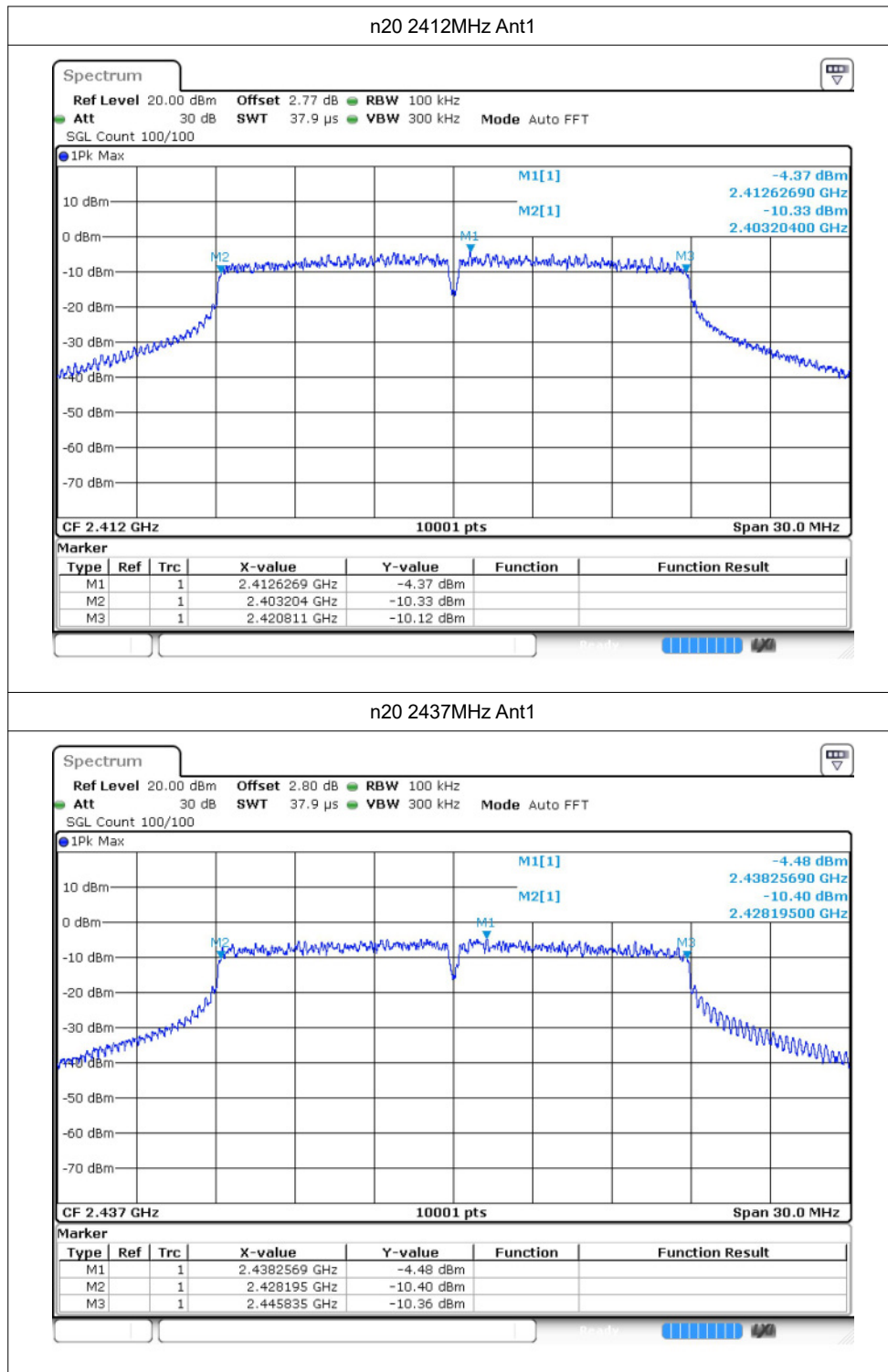


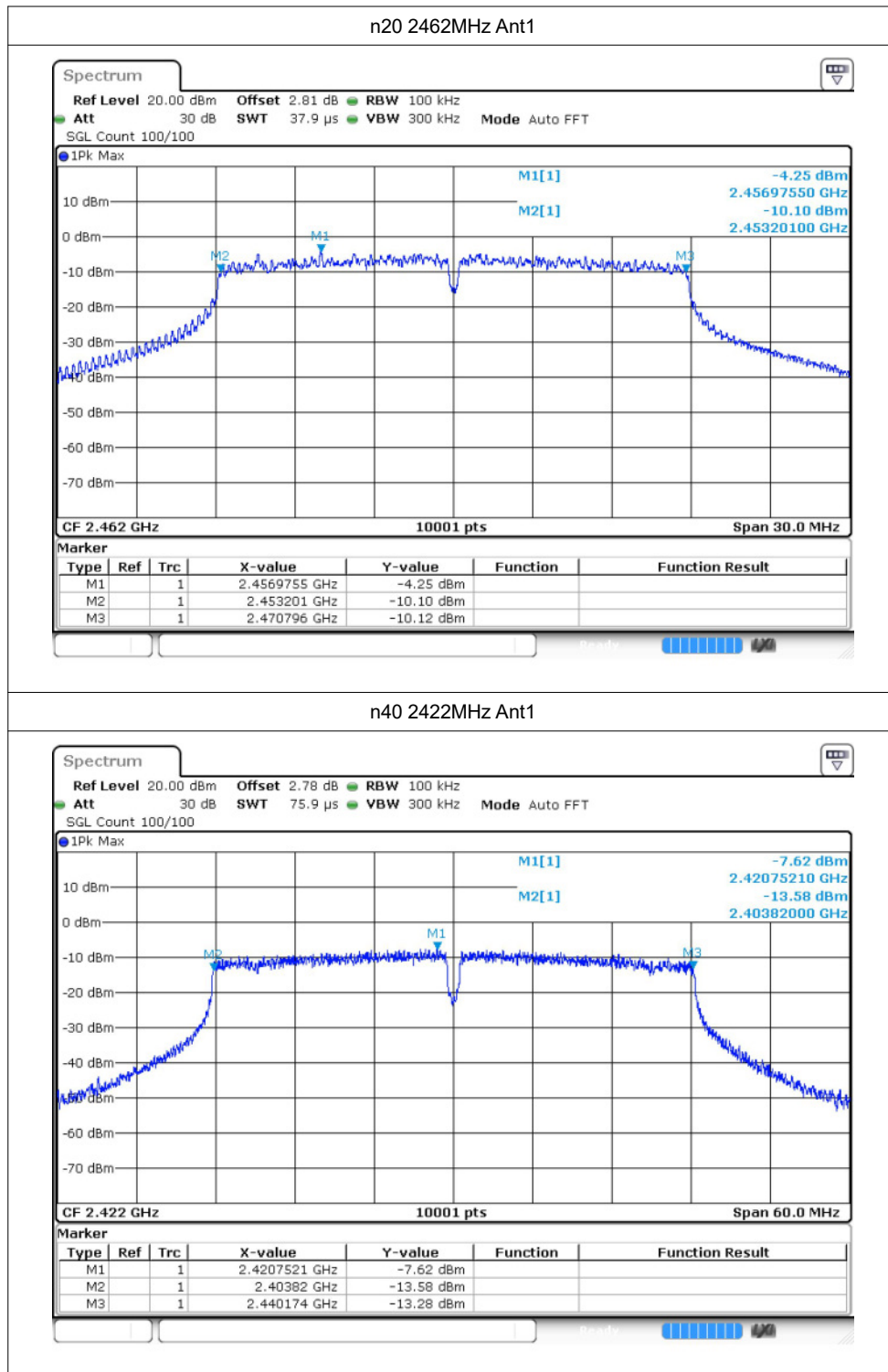
g 2437MHz Ant1

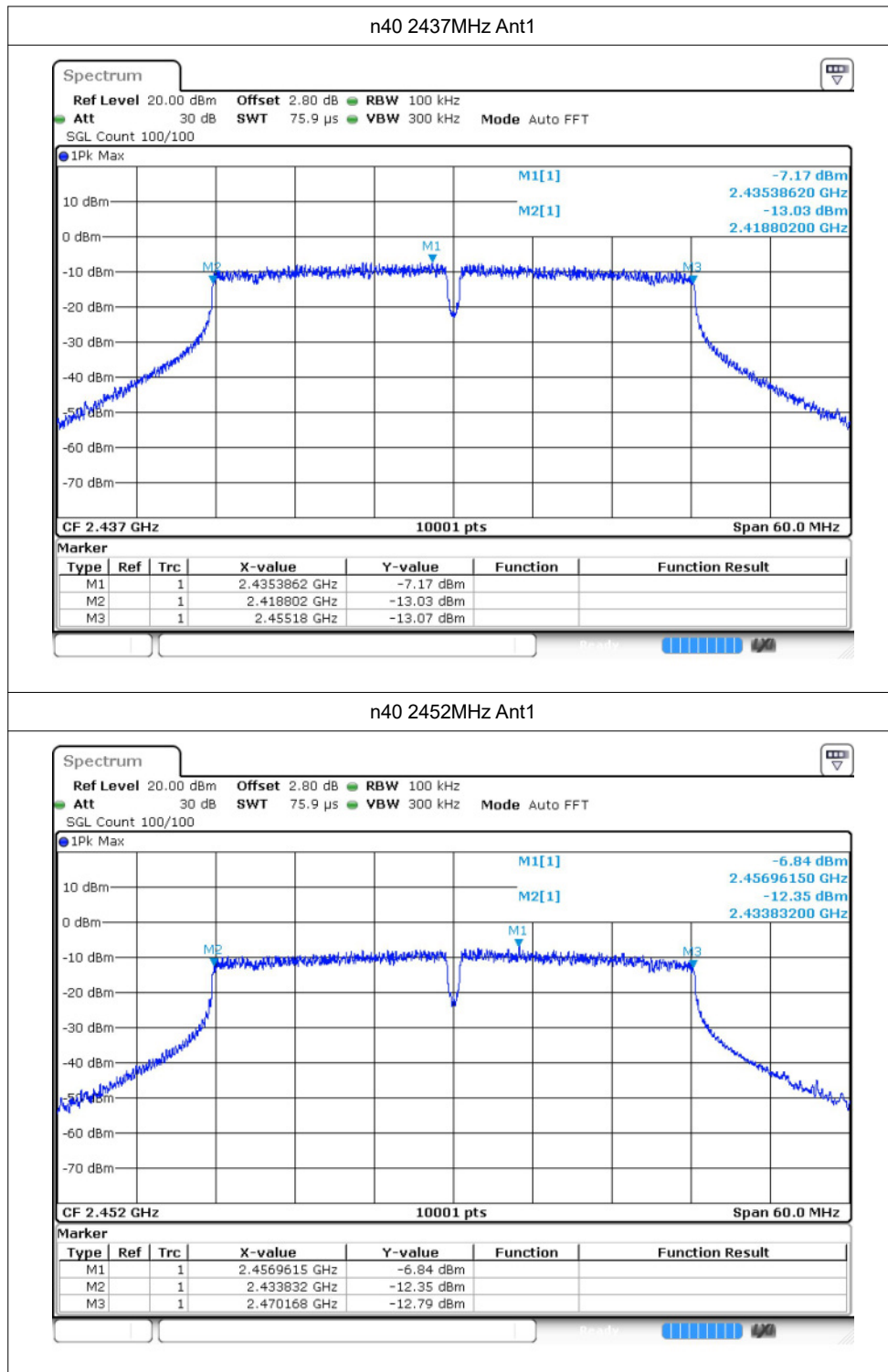


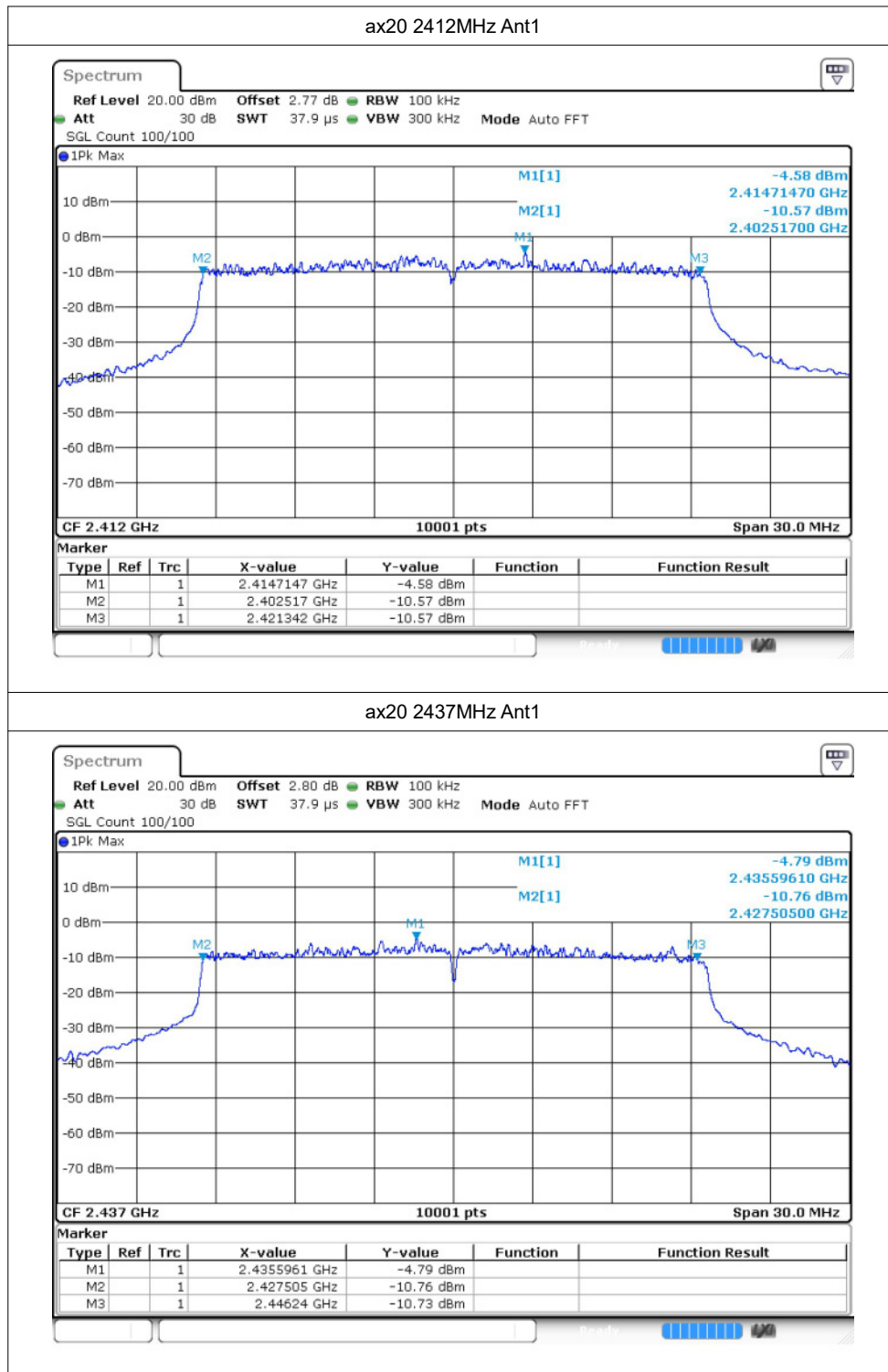
g 2462MHz Ant1

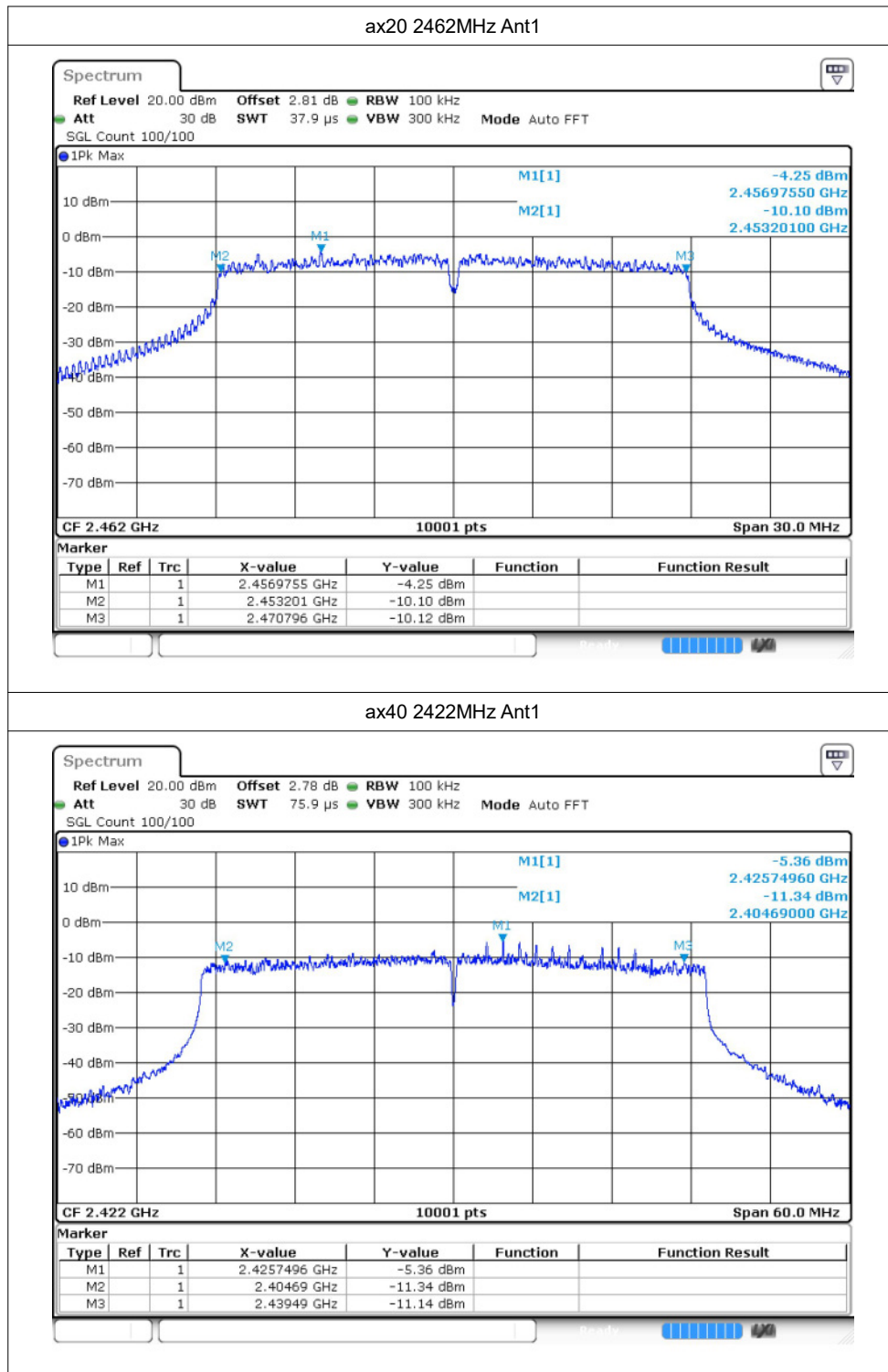




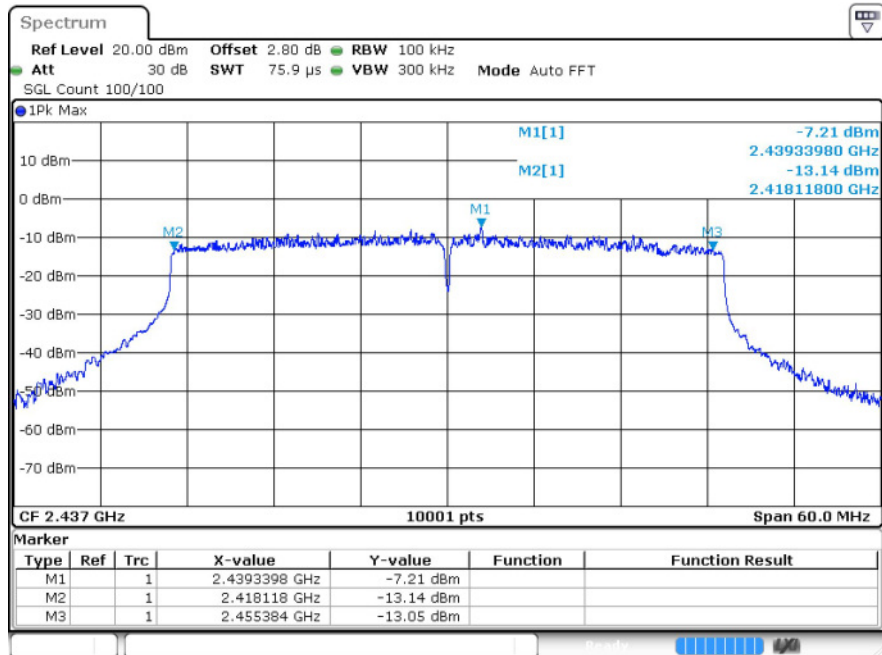




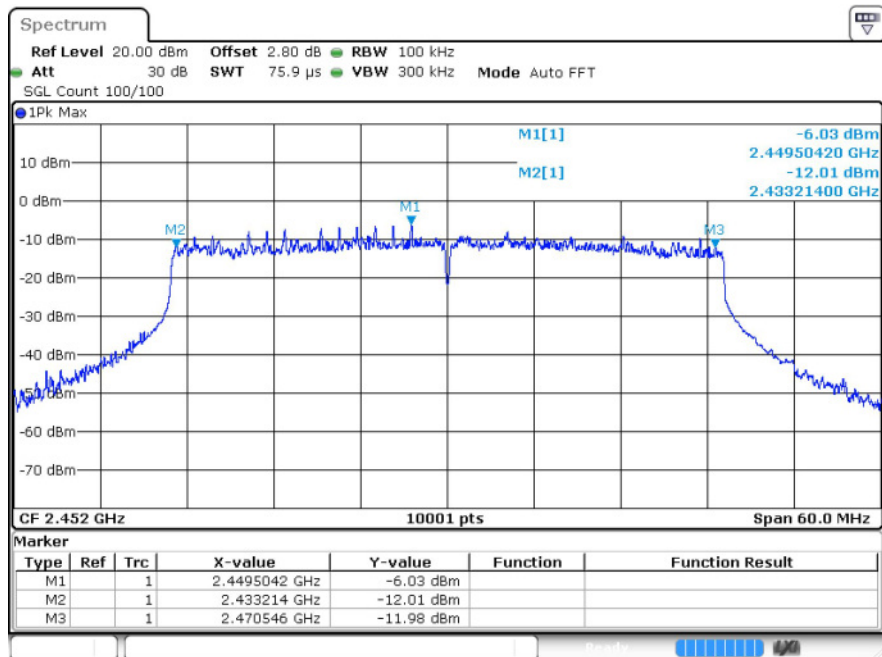




ax40 2437MHz Ant1



ax40 2452MHz 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	-7.86	≤8	Pass
b	2437	Ant1	-9.63	≤8	Pass
b	2462	Ant1	-8.28	≤8	Pass
g	2412	Ant1	-13.04	≤8	Pass
g	2437	Ant1	-13.28	≤8	Pass
g	2462	Ant1	-13.01	≤8	Pass
n20	2412	Ant1	-15.42	≤8	Pass
n20	2437	Ant1	-14.67	≤8	Pass
n20	2462	Ant1	-14.37	≤8	Pass
n40	2422	Ant1	-17.29	≤8	Pass
n40	2437	Ant1	-17.96	≤8	Pass
n40	2452	Ant1	-18.06	≤8	Pass
ax20	2412	Ant1	-5.41	≤8	Pass
ax20	2437	Ant1	-4.54	≤8	Pass
ax20	2462	Ant1	-5.79	≤8	Pass
ax40	2422	Ant1	-7.37	≤8	Pass
ax40	2437	Ant1	-6.25	≤8	Pass
ax40	2452	Ant1	-7.38	≤8	Pass

4.2 Test Graphs

