



Appendix C

RF Test Data for 2.4GWIFI(Conducted Measurement)

Product Name: LED PROJECTOR

Trade Mark: Blackview

Test Model: PV1000 Max

Environmental Conditions

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



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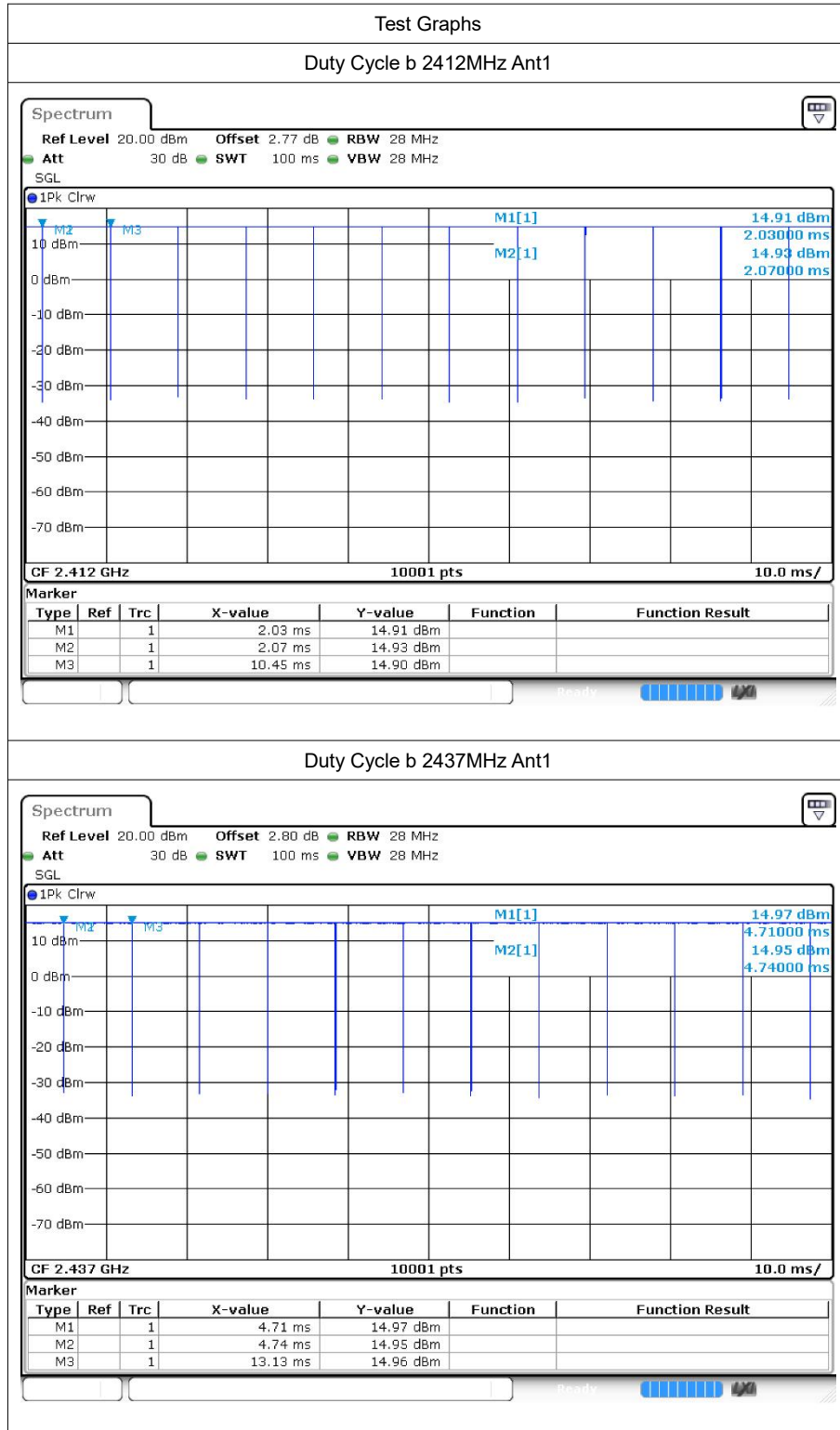
1 Duty Cycle

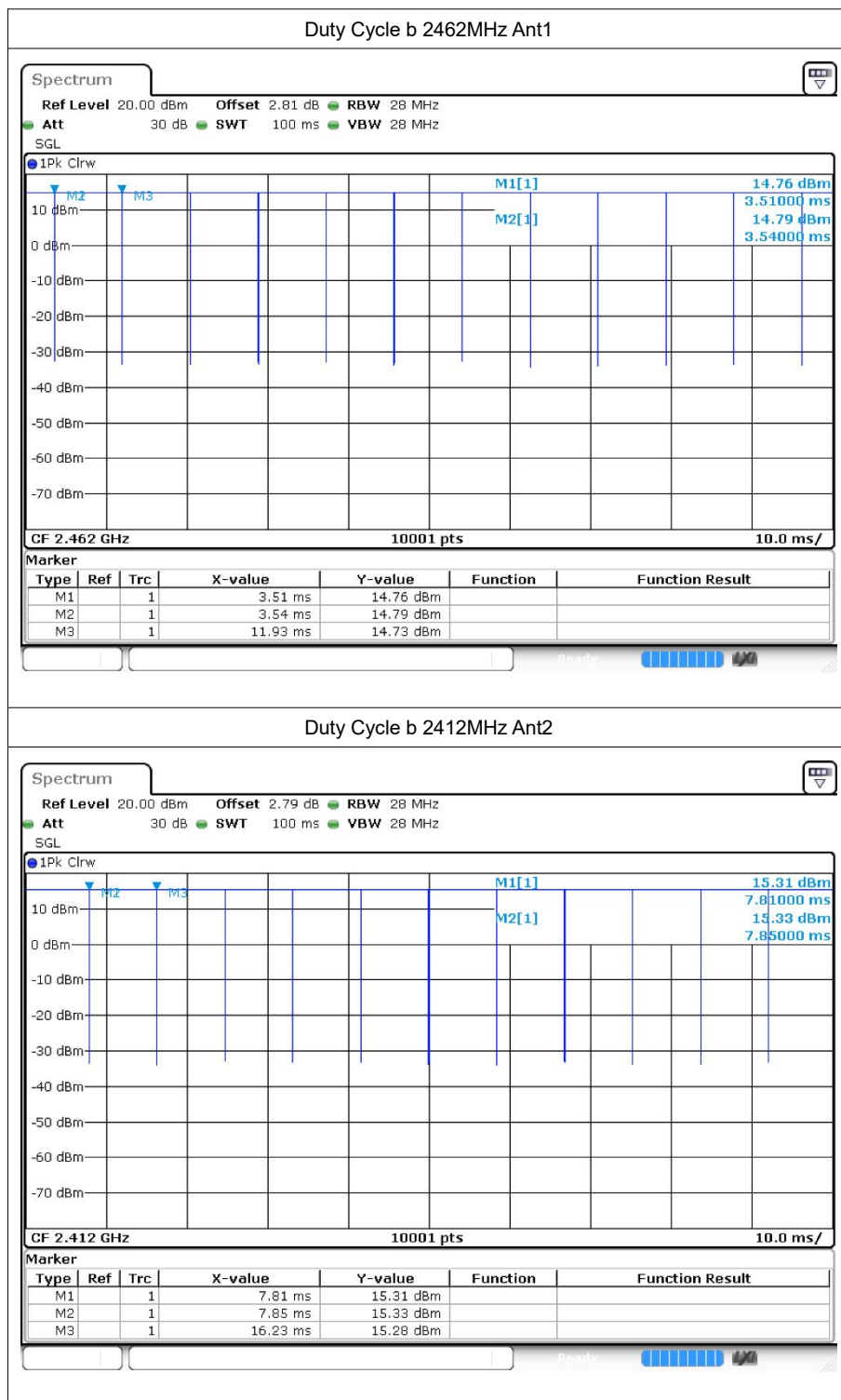
1.1 Test Result

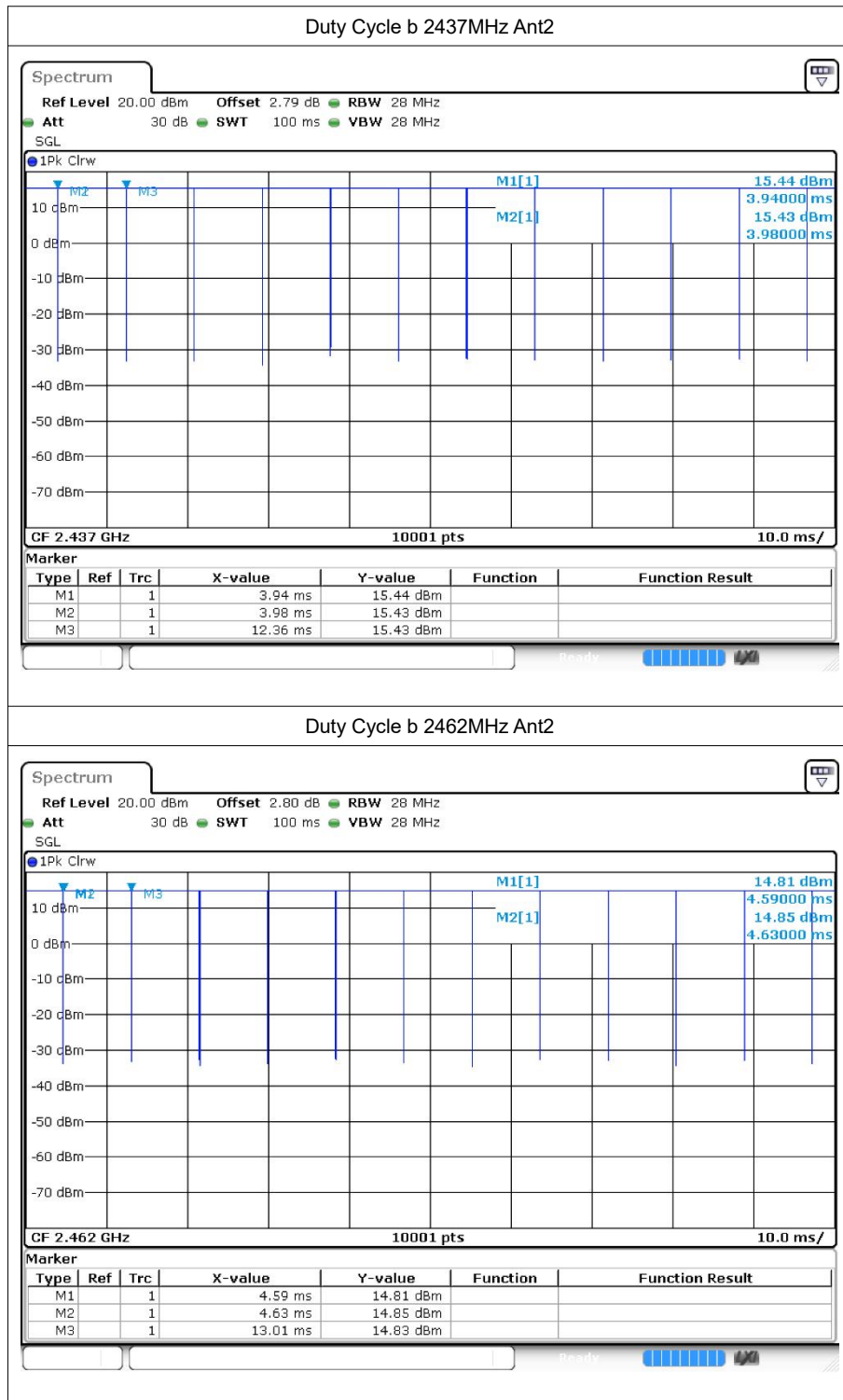
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor	1/T (kHz)
b	2412	Ant1	99.66	0.01	0.12
b	2437	Ant1	99.68	0.01	0.12
b	2462	Ant1	99.67	0.01	0.12
b	2412	Ant2	99.69	0.01	0.12
b	2437	Ant2	99.66	0.01	0.12
b	2462	Ant2	99.66	0.01	0.12
g	2412	Ant1	99.66	0.01	0.12
g	2437	Ant1	99.68	0.01	0.12
g	2462	Ant1	99.67	0.01	0.12
g	2412	Ant2	99.69	0.01	0.12
g	2437	Ant2	99.66	0.01	0.12
g	2462	Ant2	99.66	0.01	0.12
n20	2412	Ant1	97.41	0.11	0.77
n20	2437	Ant1	97.45	0.11	0.77
n20	2462	Ant1	97.41	0.11	0.77
n20	2412	Ant2	97.6	0.11	0.77
n20	2437	Ant2	97.47	0.11	0.77
n20	2462	Ant2	97.45	0.11	0.77
n40	2422	Ant1	95.07	0.22	1.54
n40	2437	Ant1	95.07	0.22	1.54
n40	2452	Ant1	95.08	0.22	1.54
n40	2422	Ant2	95.37	0.21	1.54
n40	2437	Ant2	95.36	0.21	1.54
n40	2452	Ant2	95.31	0.21	1.54

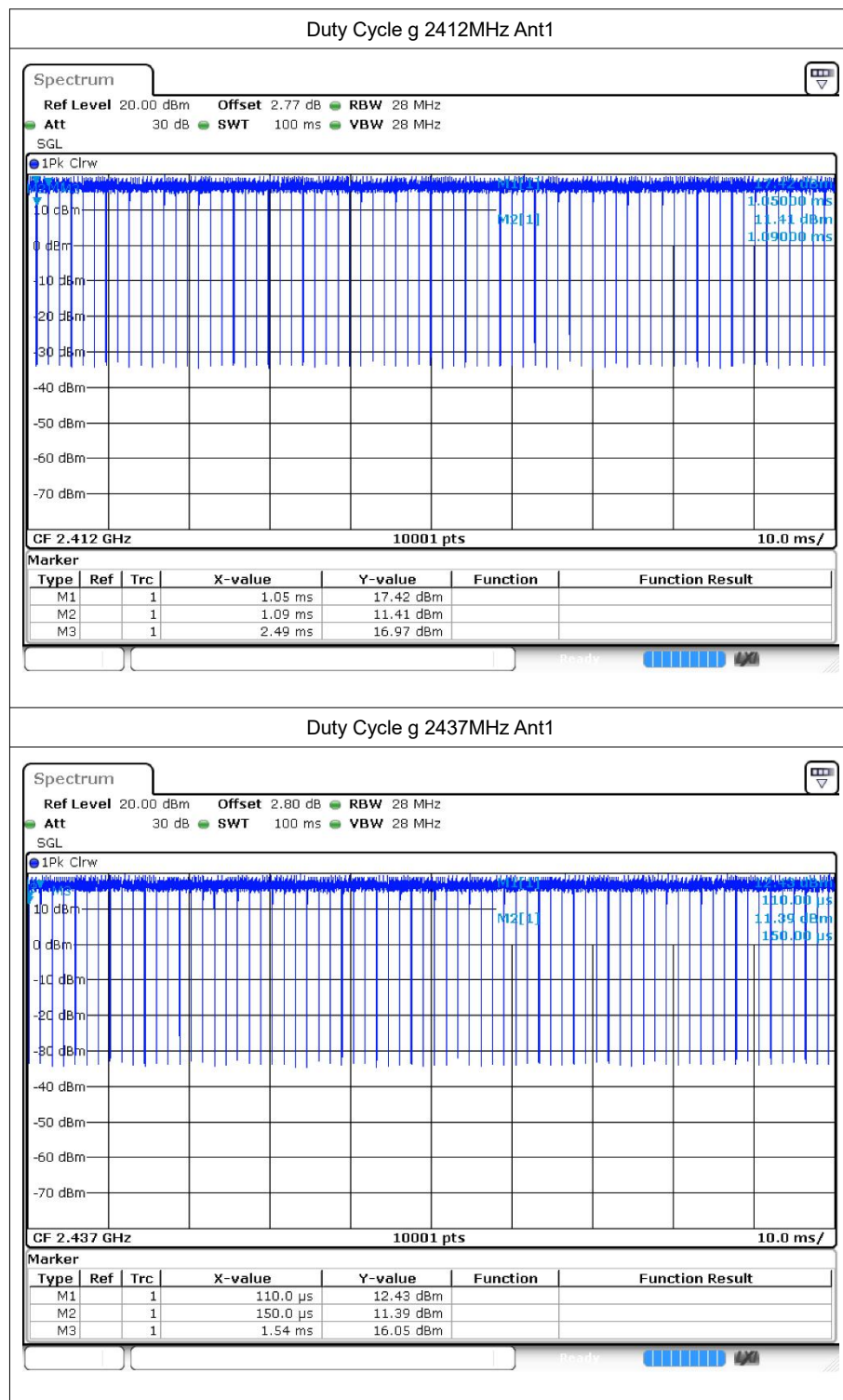


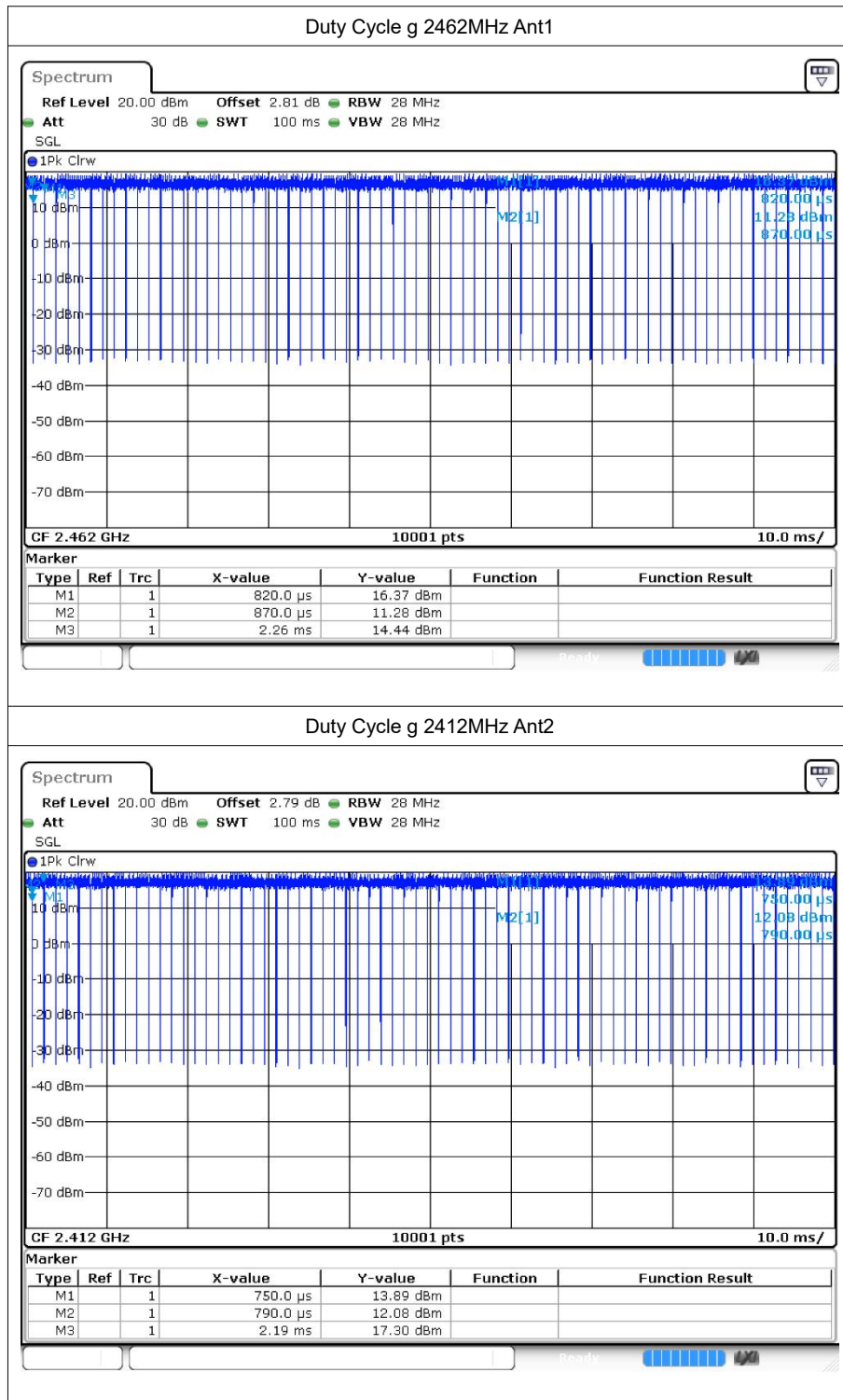
1.2 Test Graphs

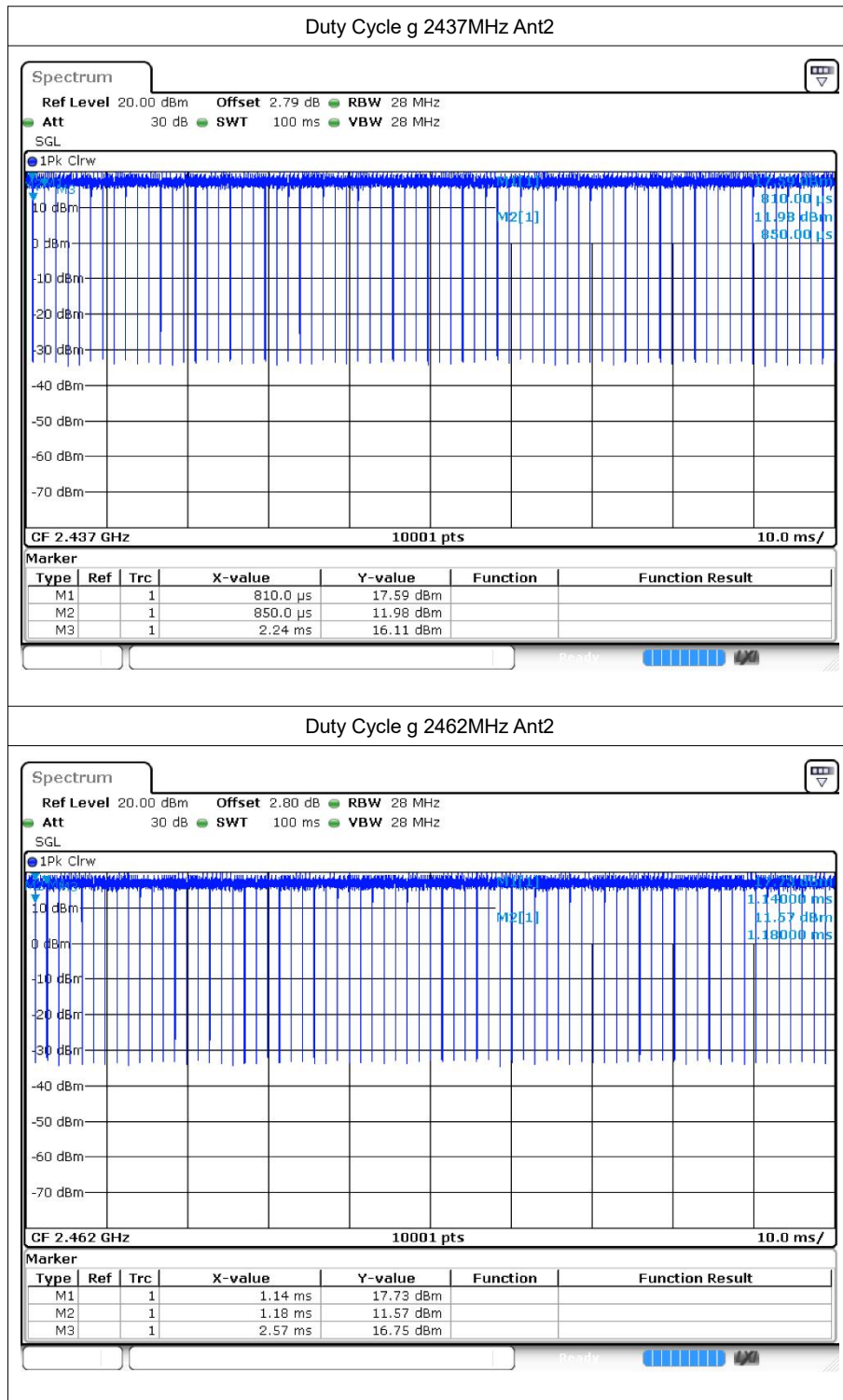


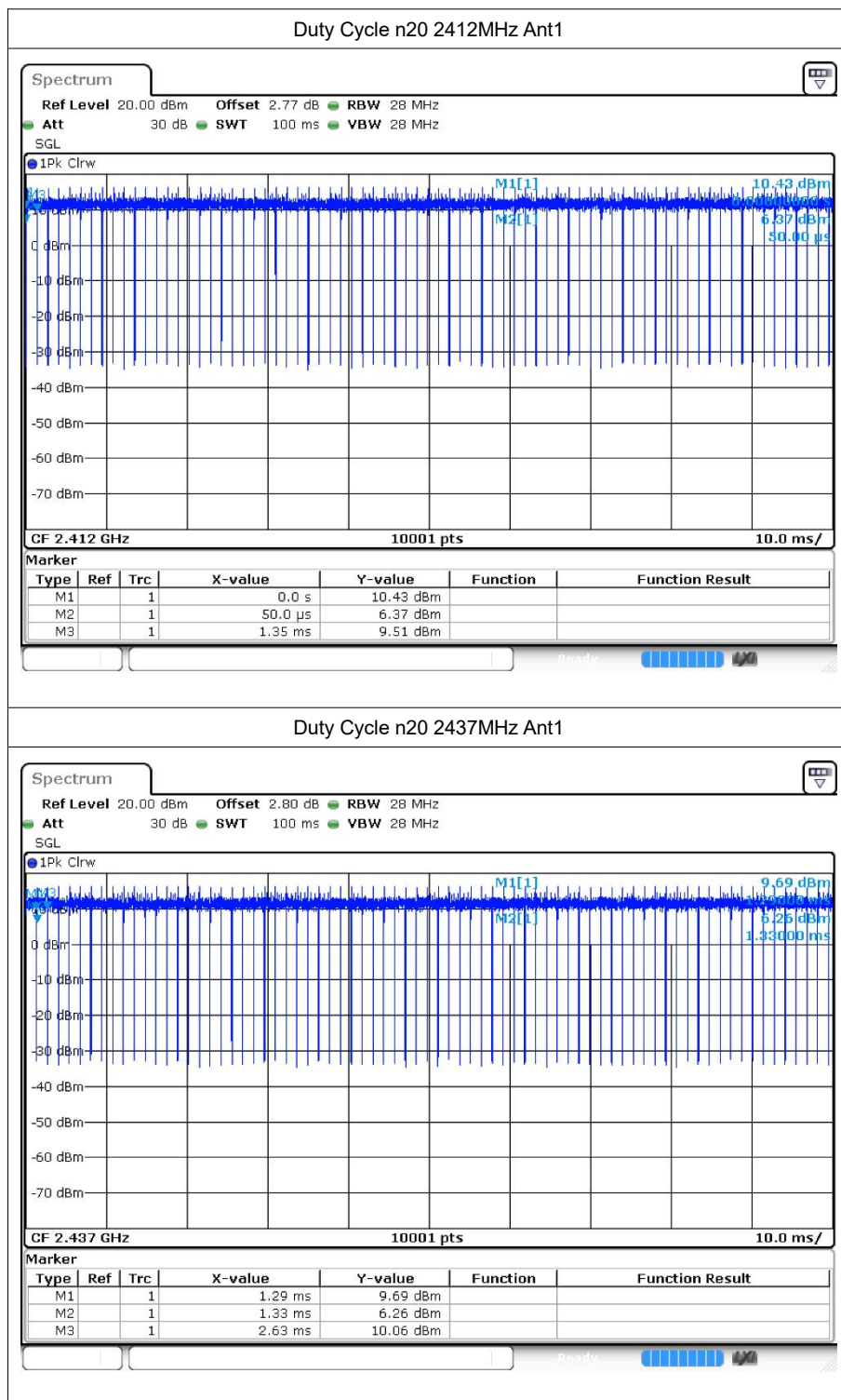


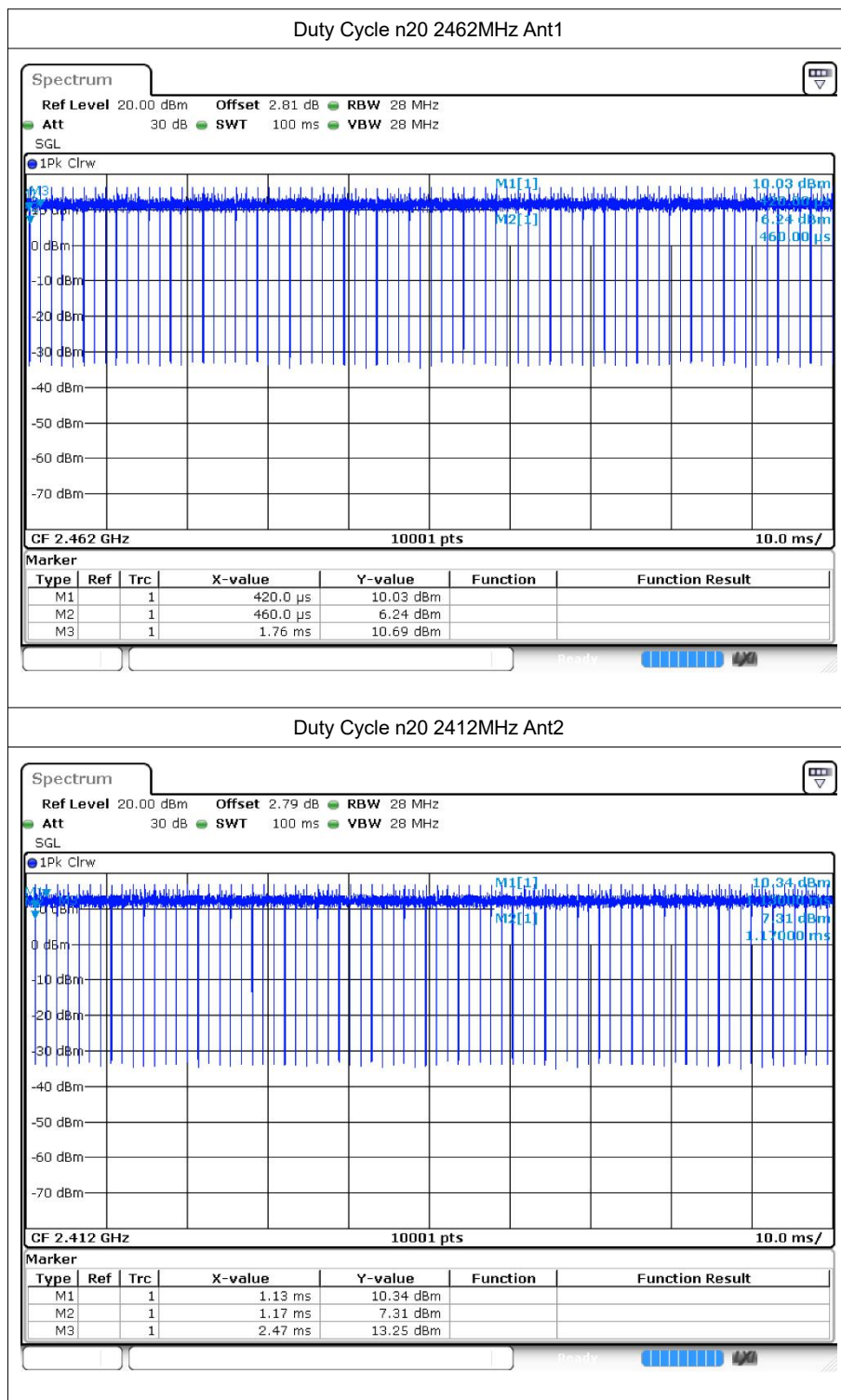


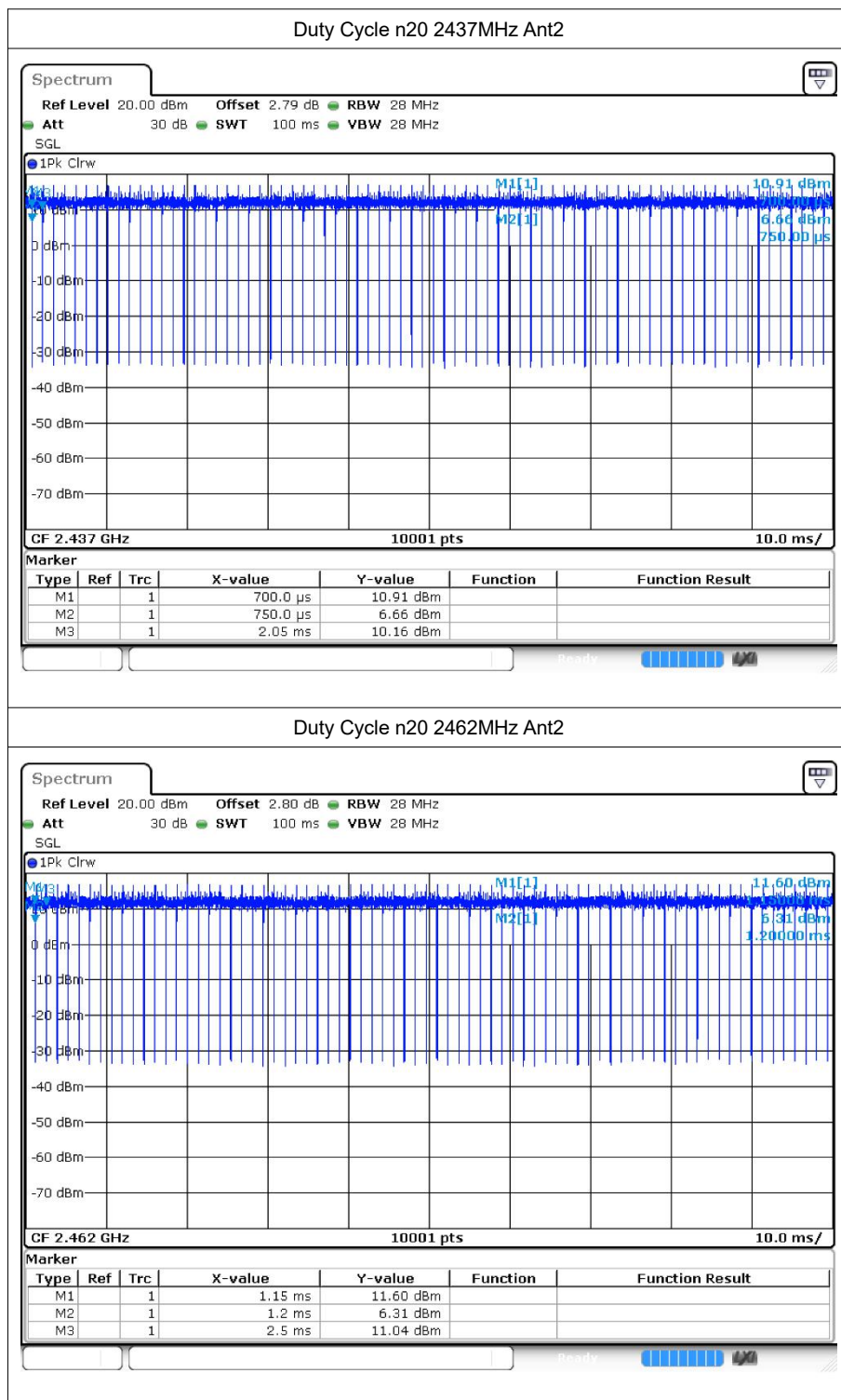


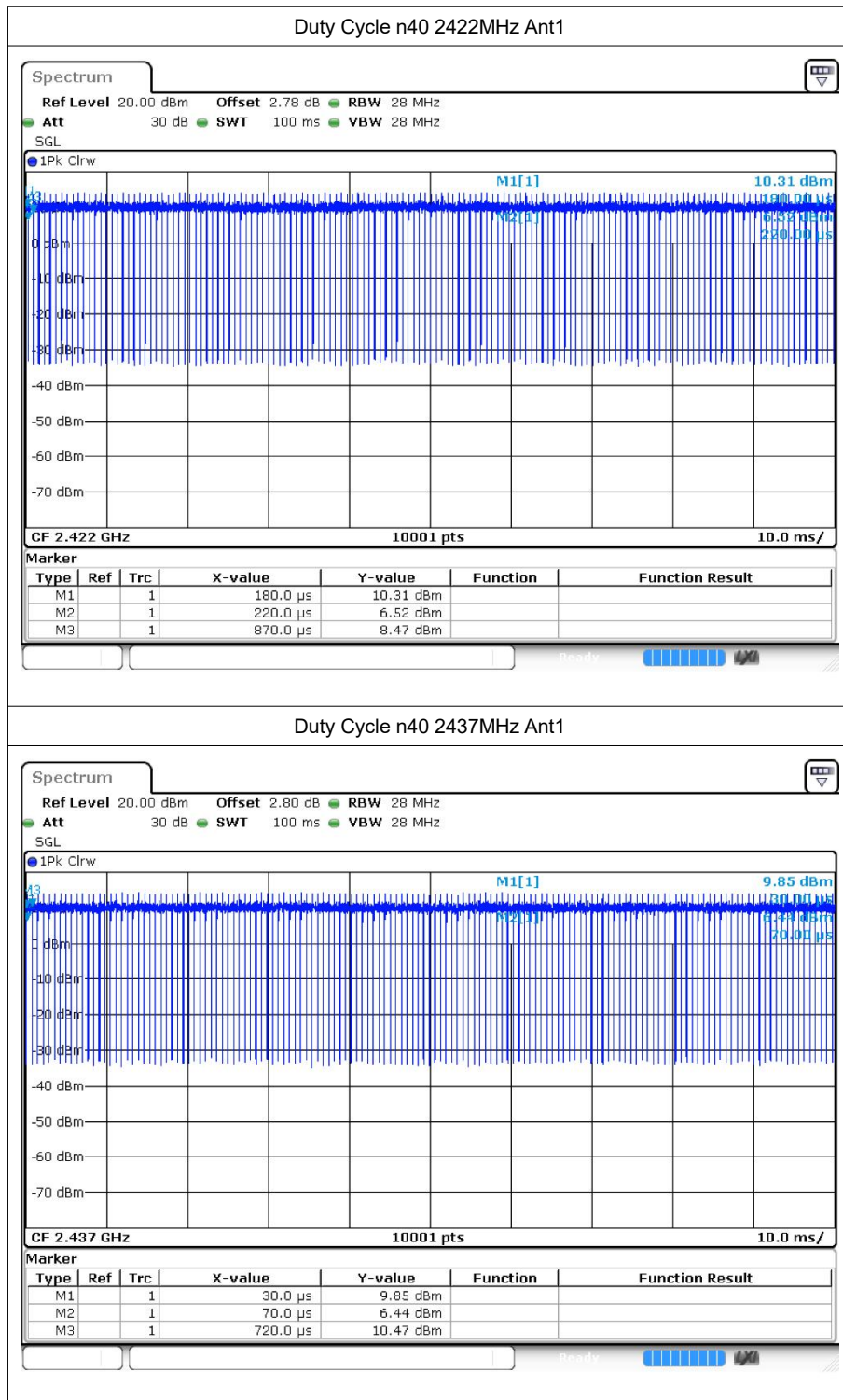


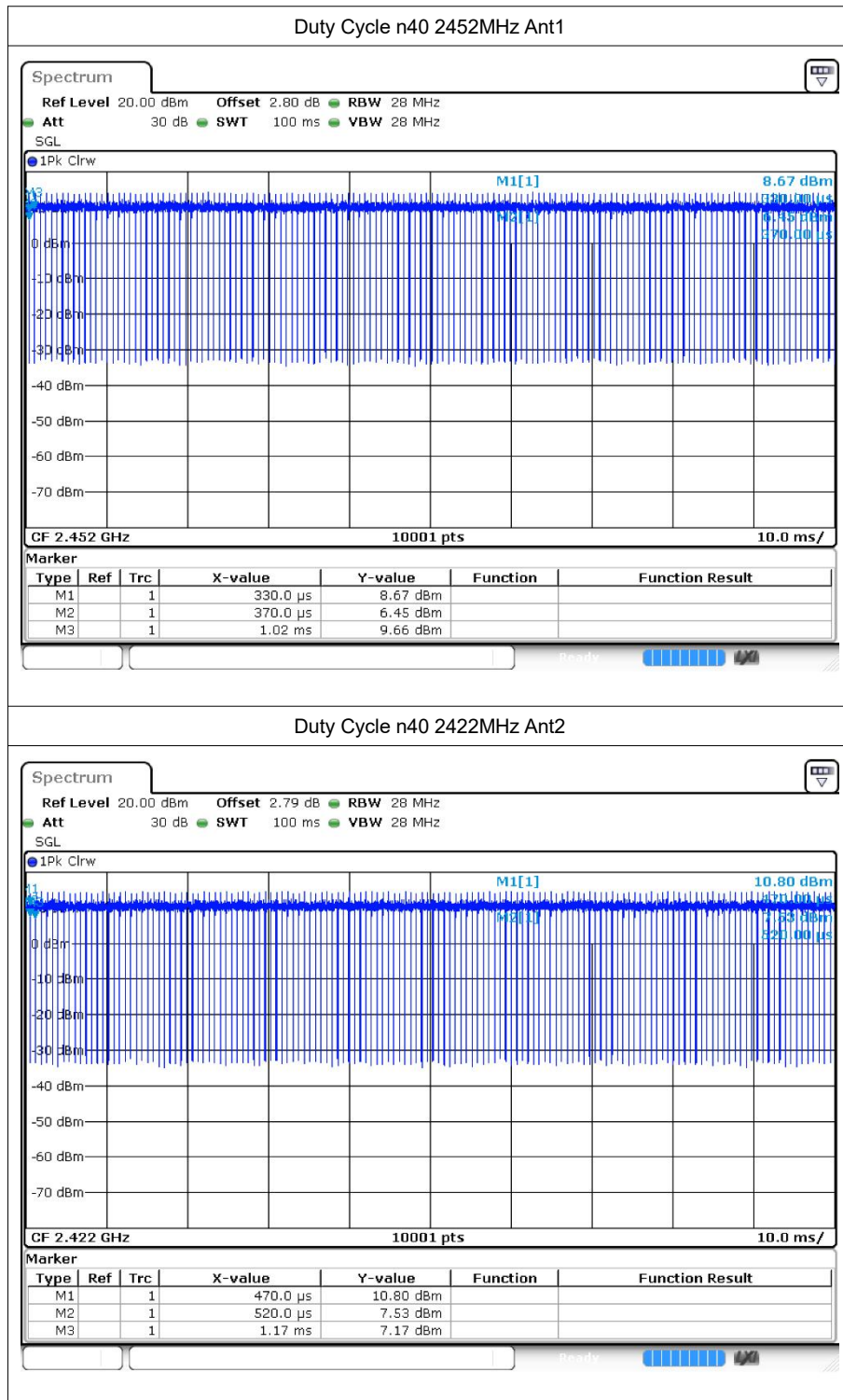


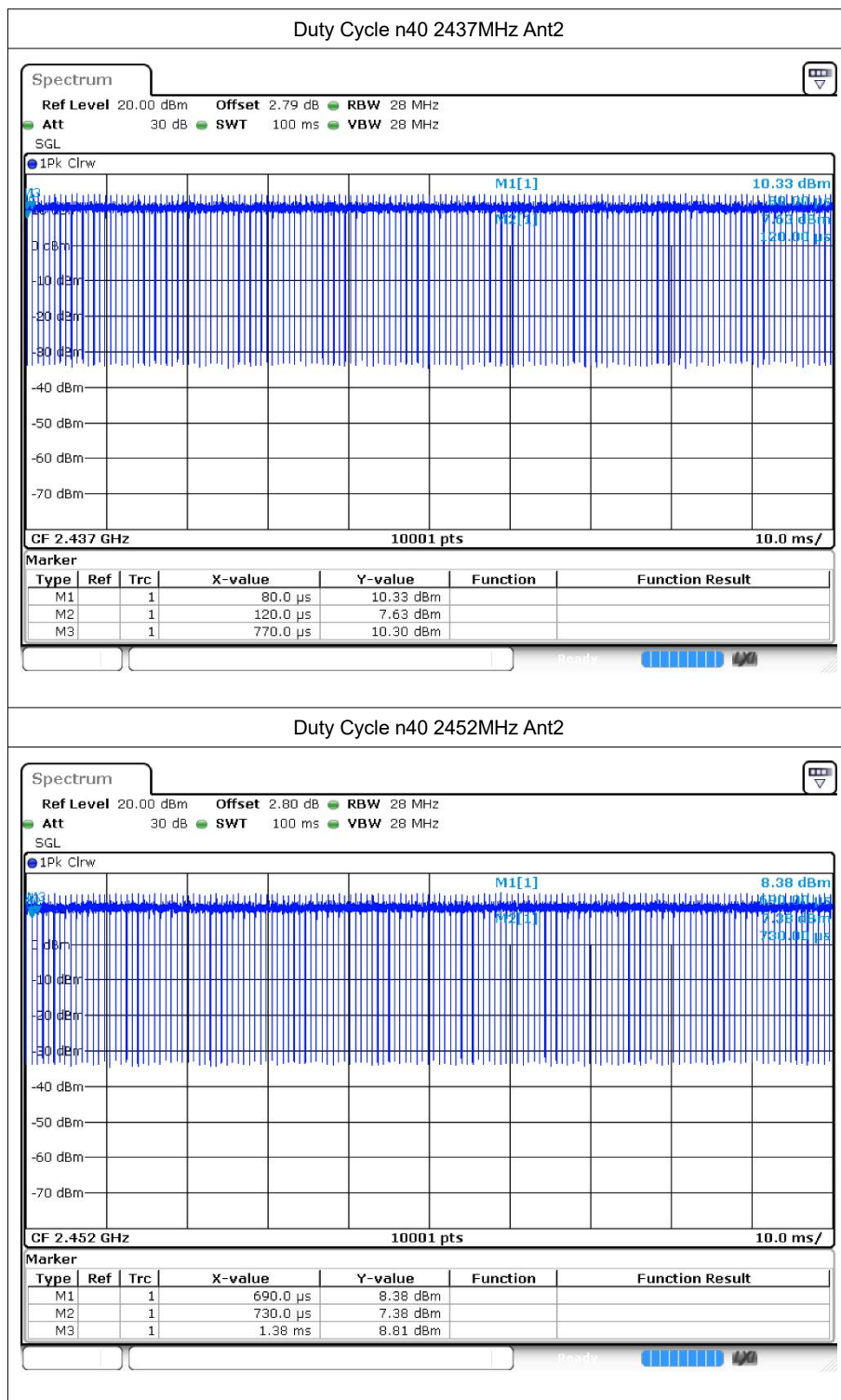












2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	16.67	30	Pass
b	2437	Ant1	16.67	30	Pass
b	2462	Ant1	16.45	30	Pass
b	2412	Ant2	16.96	30	Pass
b	2437	Ant2	17.08	30	Pass
b	2462	Ant2	15.58	30	Pass
g	2412	Ant1	15.14	30	Pass
g	2437	Ant1	15.06	30	Pass
g	2462	Ant1	15.06	30	Pass
g	2412	Ant2	15.8	30	Pass
g	2437	Ant2	15.74	30	Pass
g	2462	Ant2	15.57	30	Pass
n20	2412	Ant1	11.78	30	Pass
n20	2437	Ant1	11.56	30	Pass
n20	2462	Ant1	11.54	30	Pass
n20	2412	Ant2	12.71	30	Pass
n20	2437	Ant2	12.67	30	Pass
n20	2462	Ant2	12.39	30	Pass
n40	2422	Ant1	10.45	30	Pass
n40	2437	Ant1	10.52	30	Pass
n40	2452	Ant1	10.47	30	Pass
n40	2422	Ant2	11.5	30	Pass
n40	2437	Ant2	11.31	30	Pass
n40	2452	Ant2	11.28	30	Pass
n20	2412	Sum	14.18	29.35	Pass
n20	2437	Sum	14.08	29.35	Pass
n20	2462	Sum	14.05	29.35	Pass
n40	2422	Sum	15.16	29.35	Pass
n40	2437	Sum	15.05	29.35	Pass
n40	2452	Sum	14.88	29.35	Pass

Note: The MIMO gain of antenna is 6.65 dBi, which exceeds 6 dBi. Limit = 30 - (6.65 - 6) = 29.35 dBm

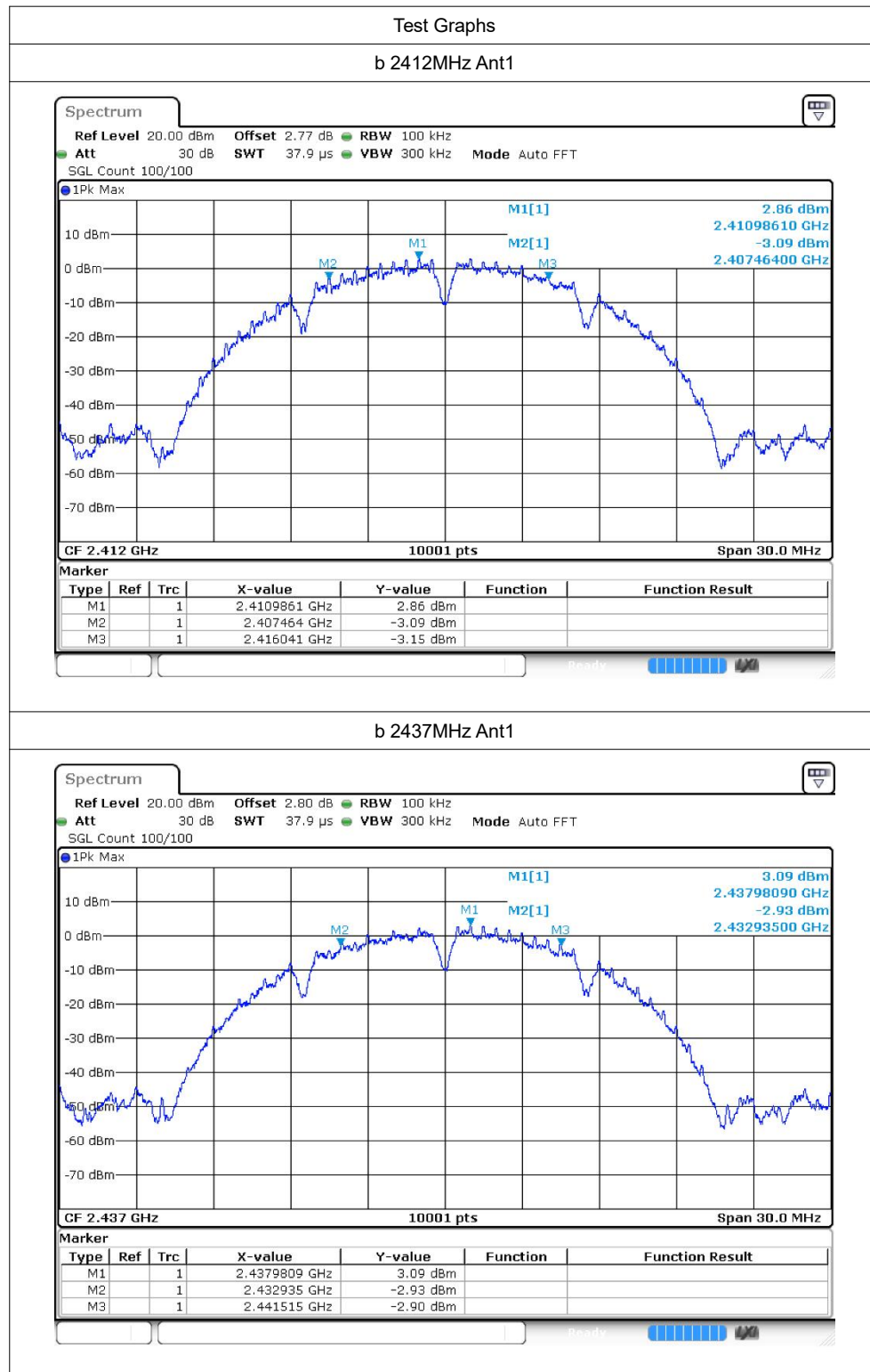


3 -6dB Bandwidth

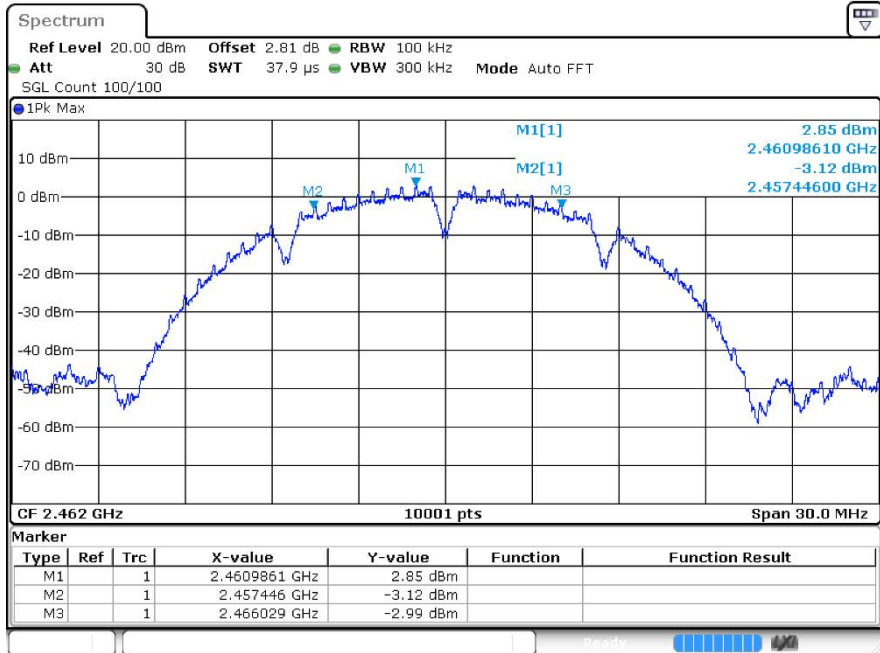
3.1 Test Result

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant1	8.577	0.5	Pass
b	2437	Ant1	8.58	0.5	Pass
b	2462	Ant1	8.583	0.5	Pass
g	2412	Ant1	15.06	0.5	Pass
g	2437	Ant1	15.114	0.5	Pass
g	2462	Ant1	14.424	0.5	Pass
n20	2412	Ant1	17.565	0.5	Pass
n20	2437	Ant1	14.703	0.5	Pass
n20	2462	Ant1	15.093	0.5	Pass
n40	2422	Ant1	35.67	0.5	Pass
n40	2437	Ant1	35.076	0.5	Pass
n40	2452	Ant1	35.094	0.5	Pass
b	2412	Ant2	9.057	0.5	Pass
b	2437	Ant2	9.054	0.5	Pass
b	2462	Ant2	9.051	0.5	Pass
g	2412	Ant2	16.329	0.5	Pass
g	2437	Ant2	16.323	0.5	Pass
g	2462	Ant2	16.311	0.5	Pass
n20	2412	Ant2	16.314	0.5	Pass
n20	2437	Ant2	16.308	0.5	Pass
n20	2462	Ant2	17.133	0.5	Pass
n40	2422	Ant2	35.076	0.5	Pass
n40	2437	Ant2	35.07	0.5	Pass
n40	2452	Ant2	30.036	0.5	Pass

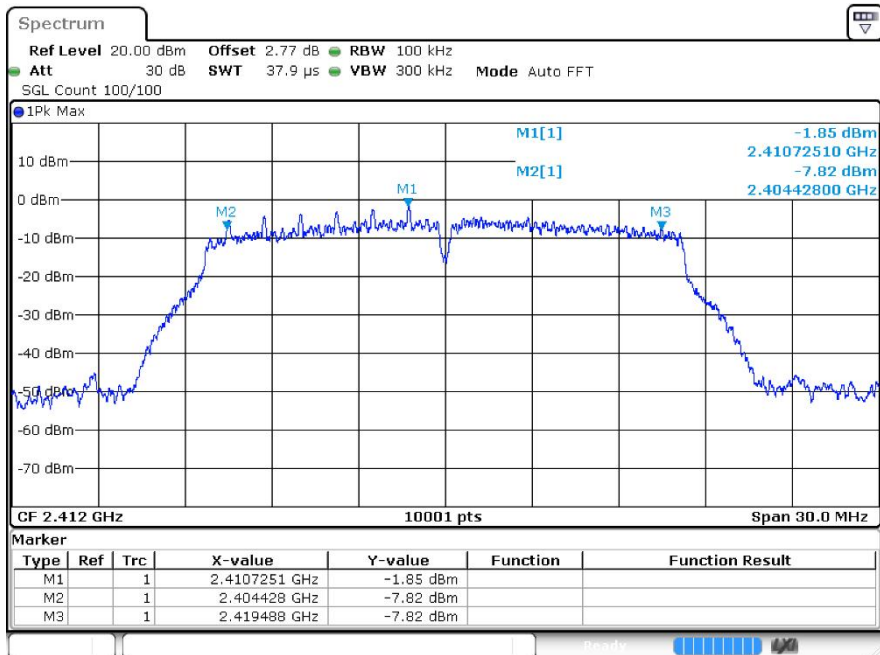
3.2 Test Graphs



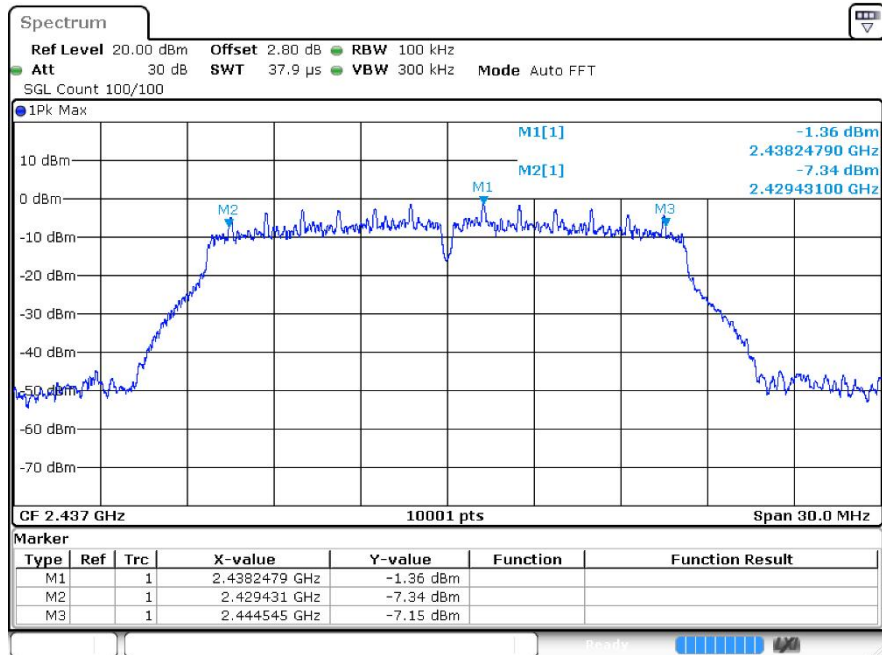
b 2462MHz Ant1



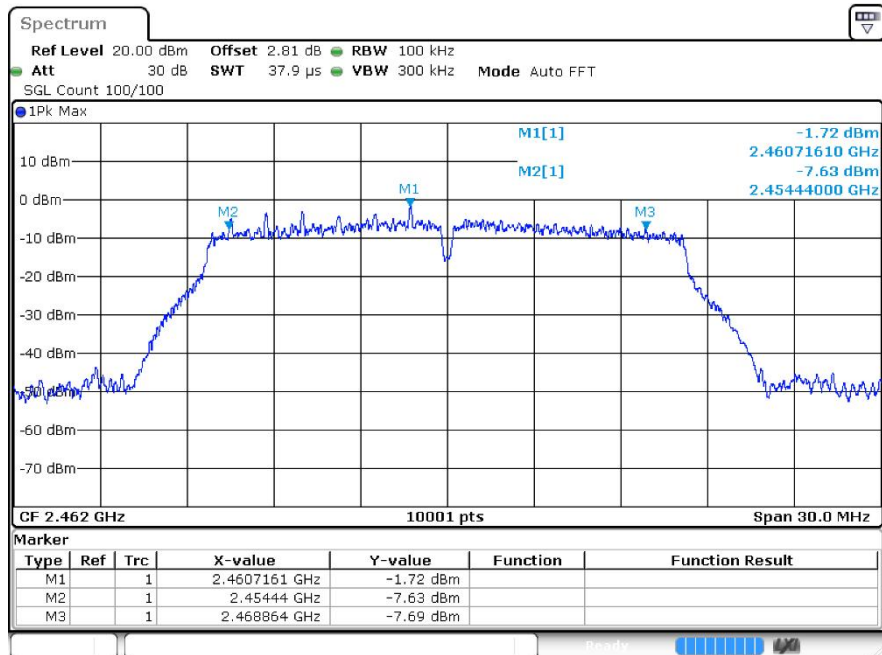
g 2412MHz Ant1

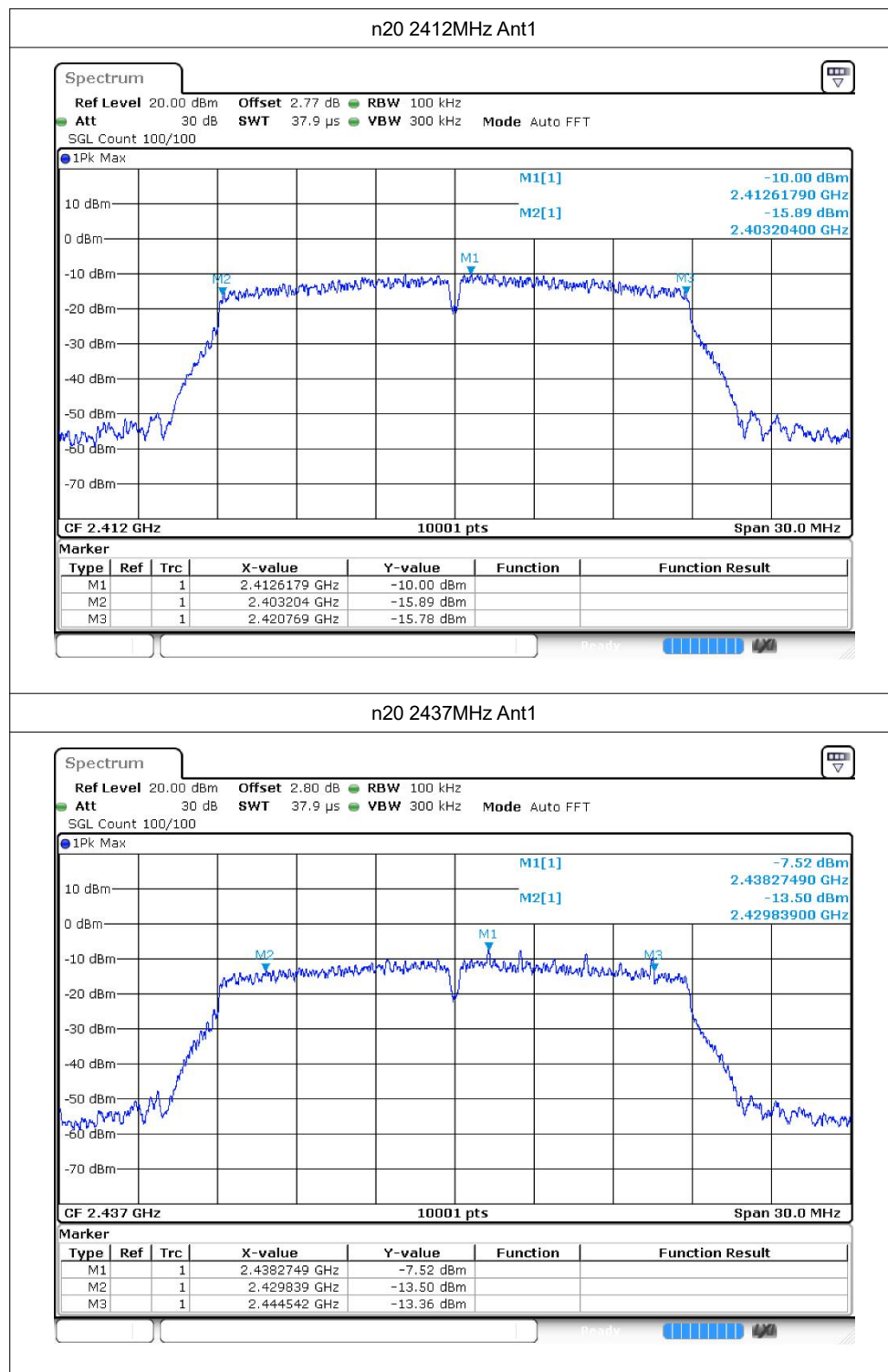


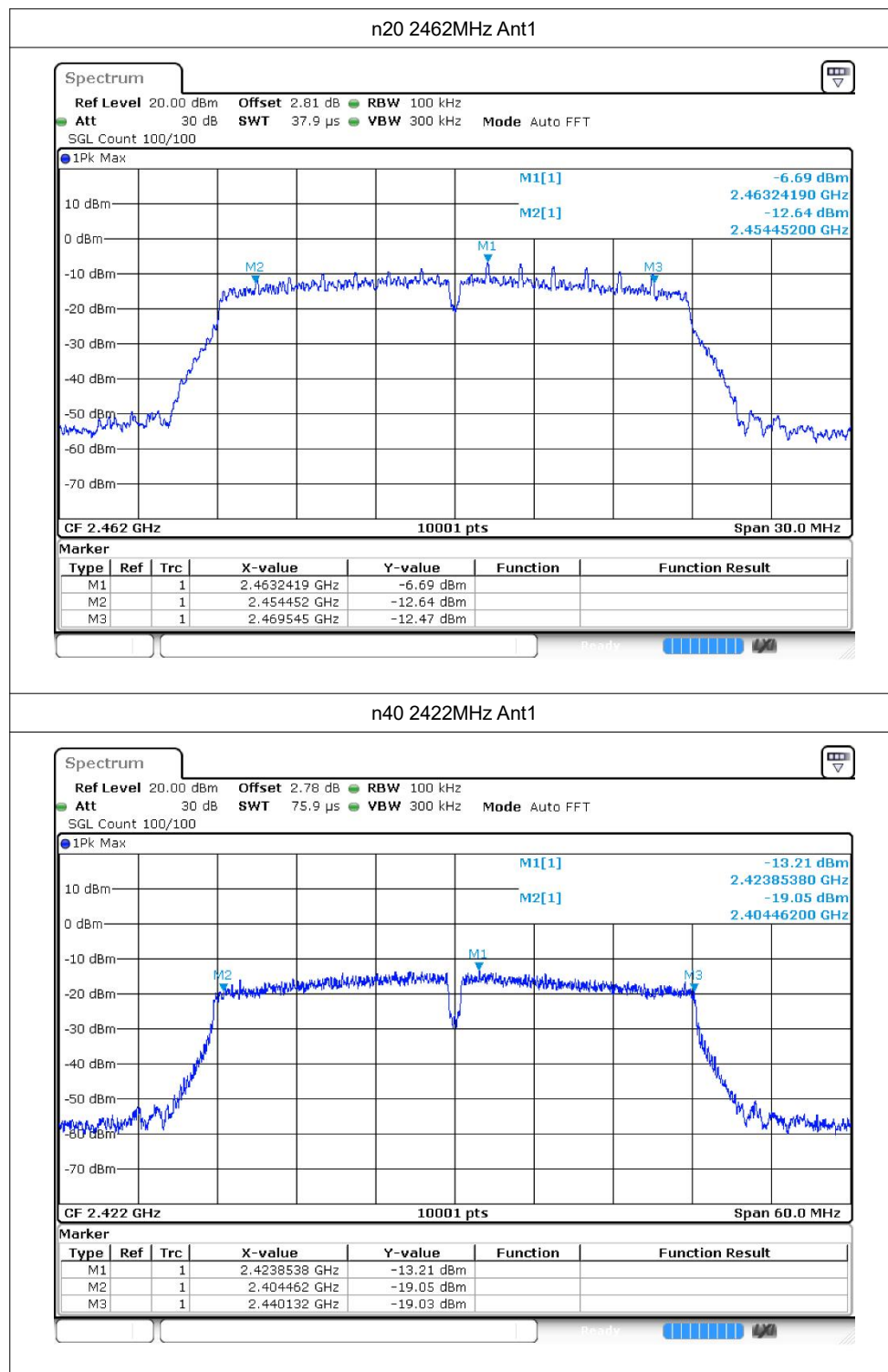
g 2437MHz Ant1

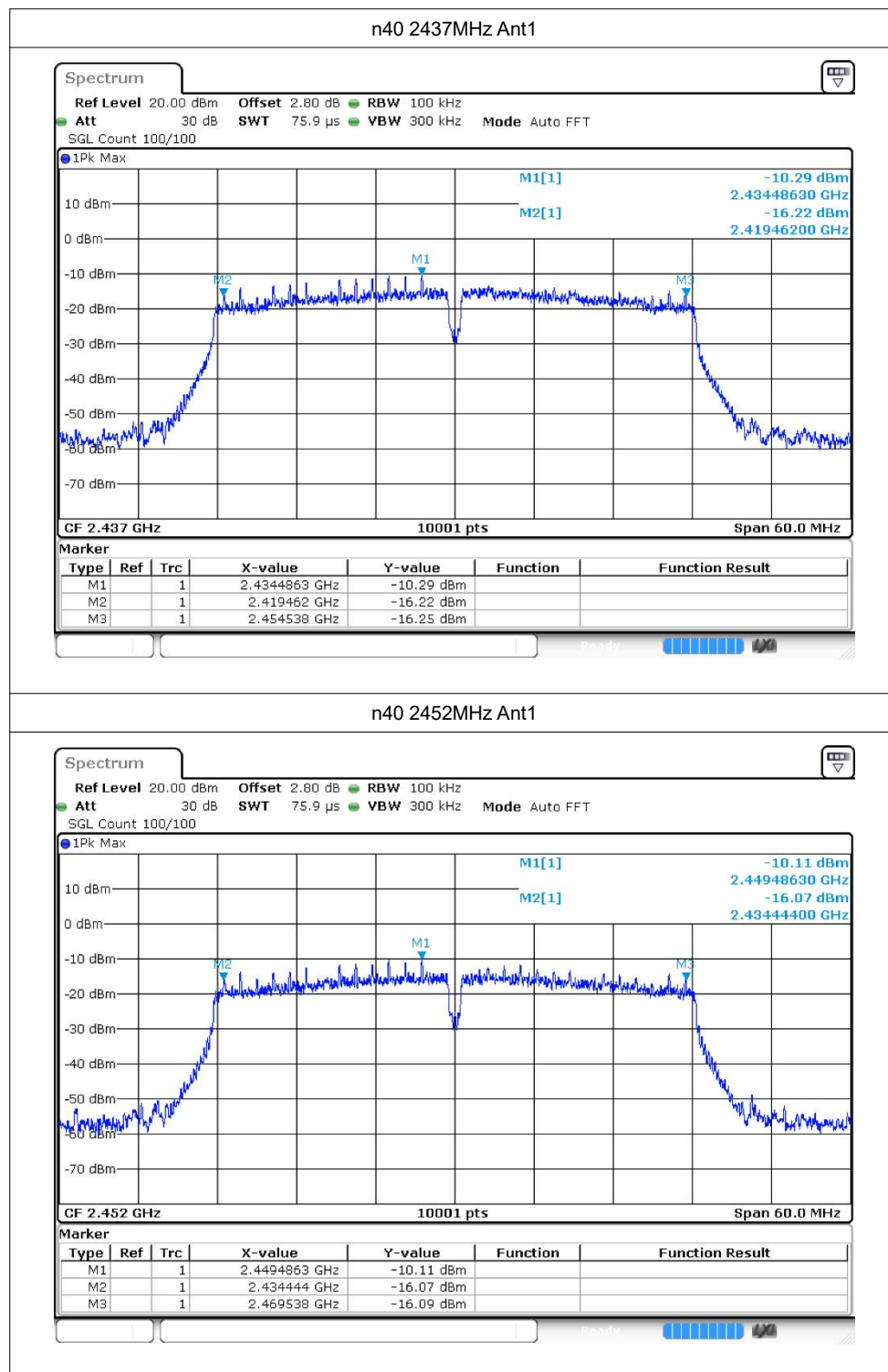


g 2462MHz Ant1

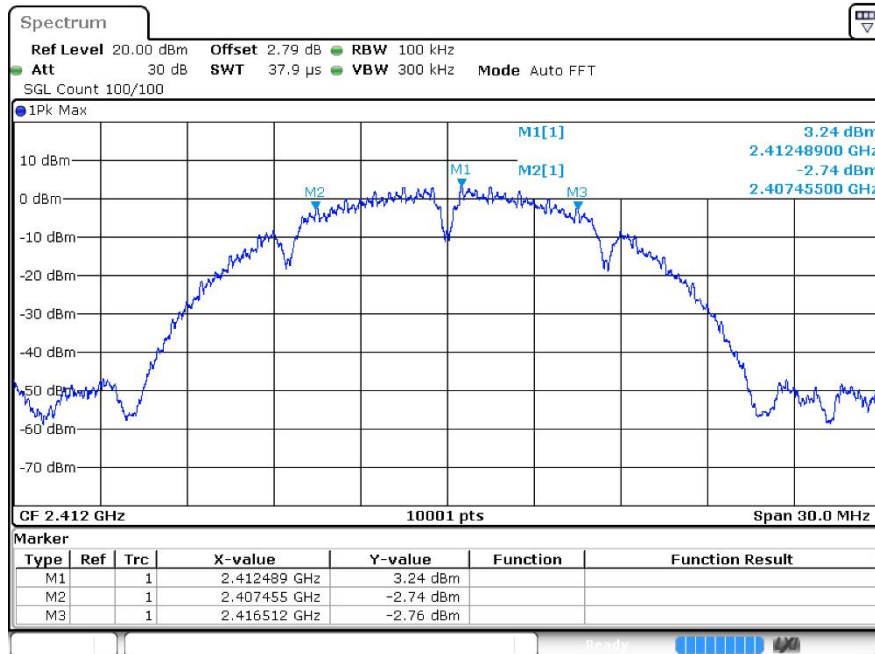








b 2412MHz Ant2



b 2437MHz Ant2

