



Appendix C

RF Test Data for 2.4GWIFI(Conducted Measurement)

Product Name: Laptop

Trade Mark: Blackview

Test Model: AceBook 10

Environmental Conditions

Temperature:	24.7° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Huang



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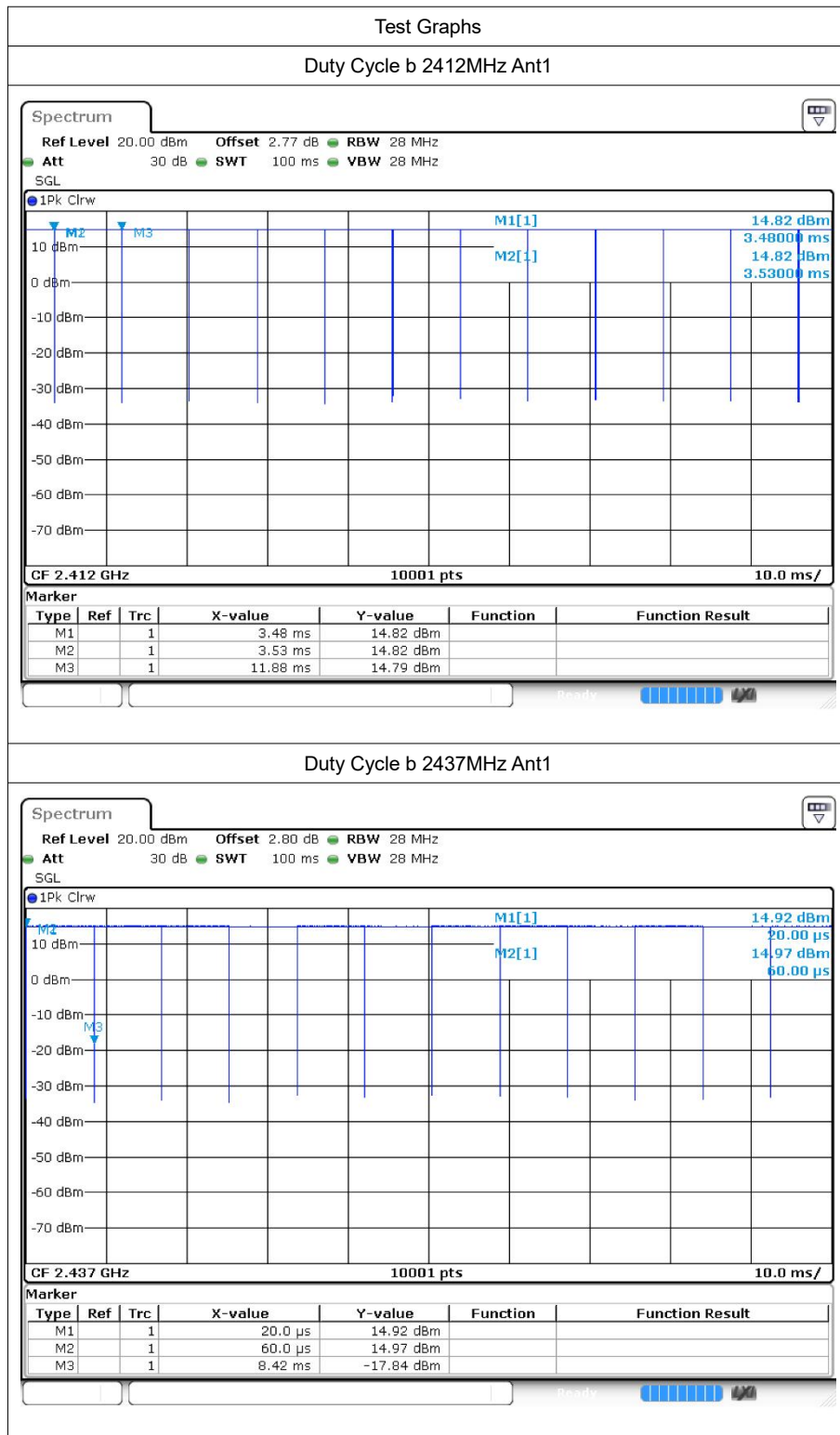
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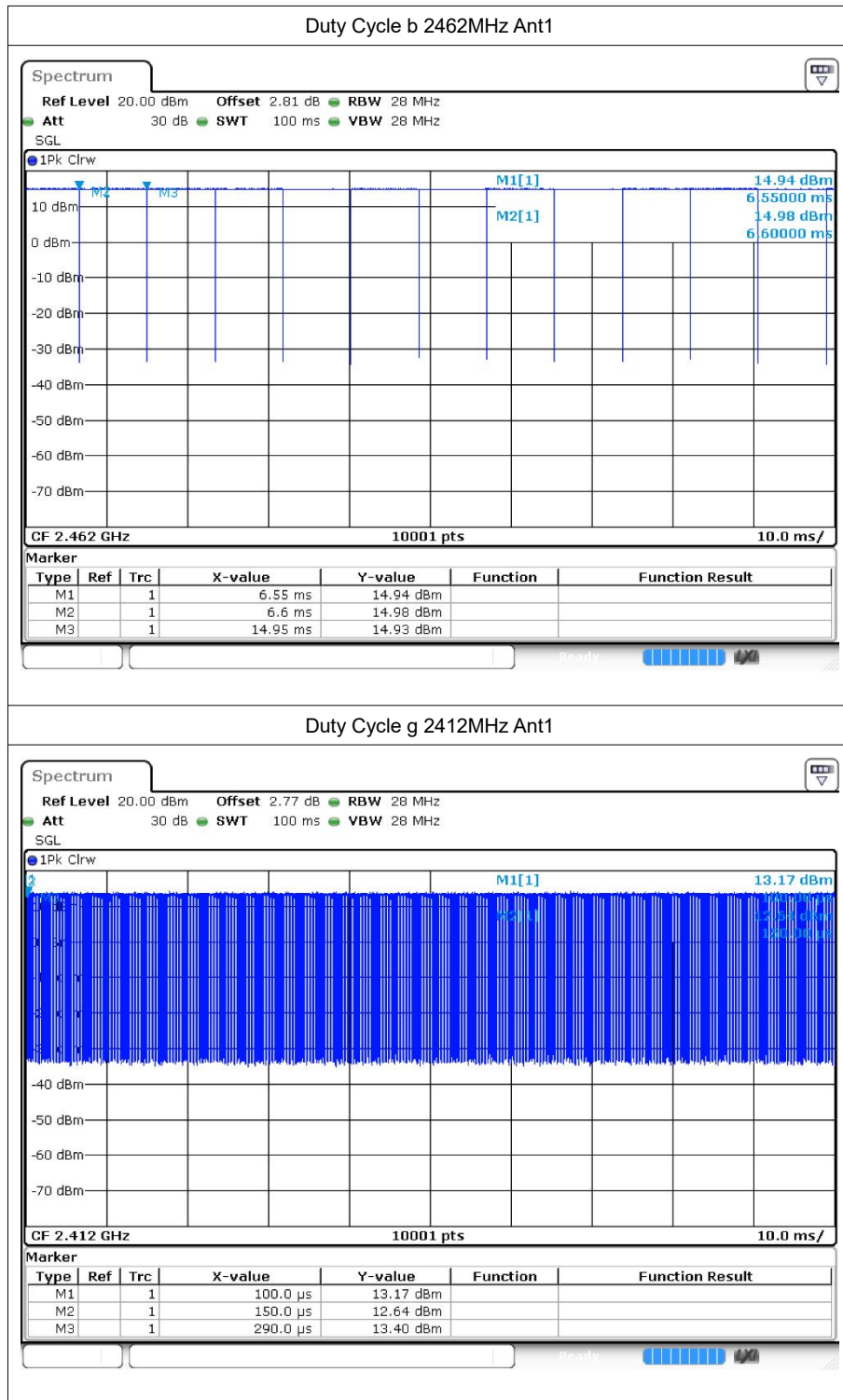
Duty Cycle

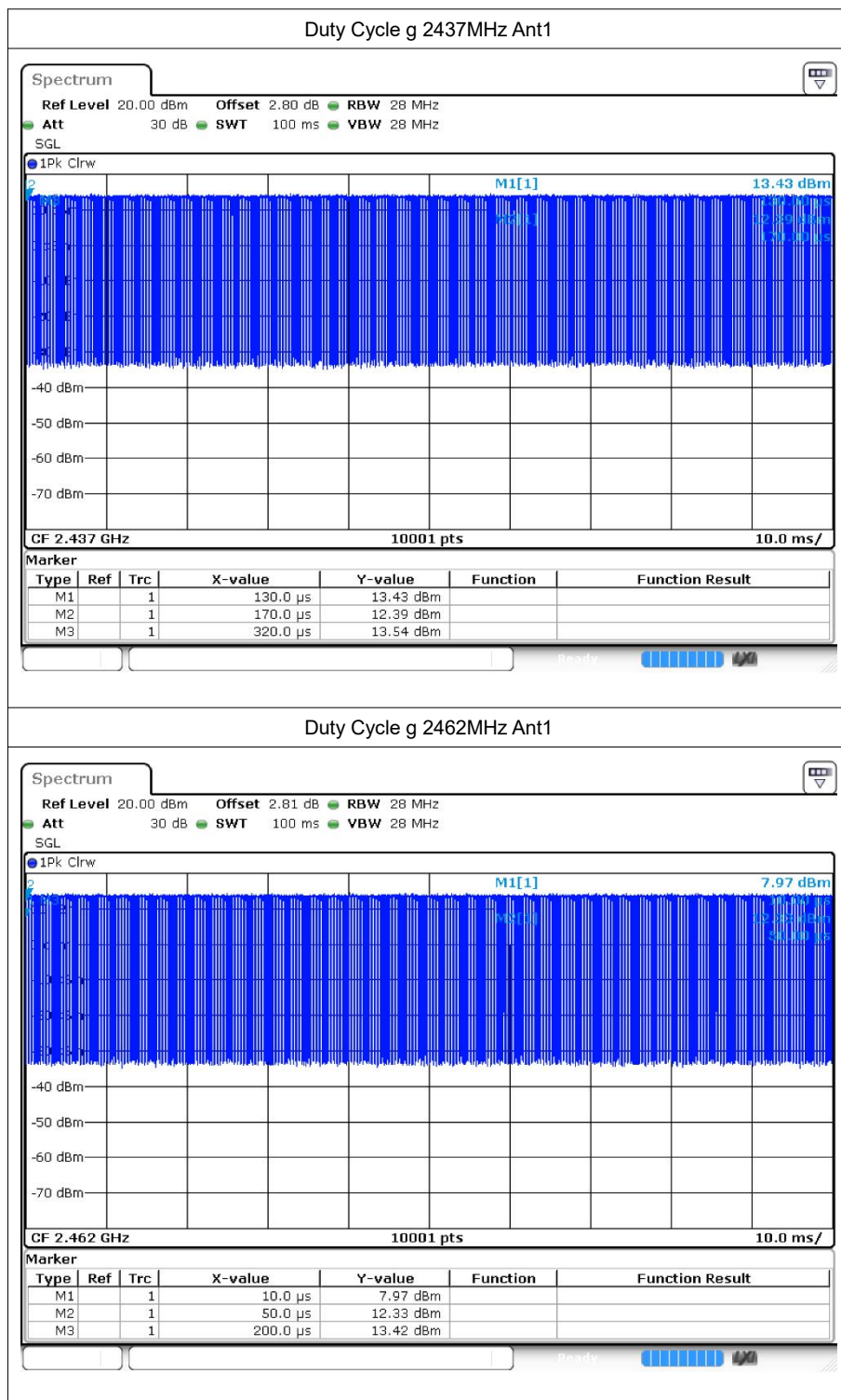
1.1 Test Result

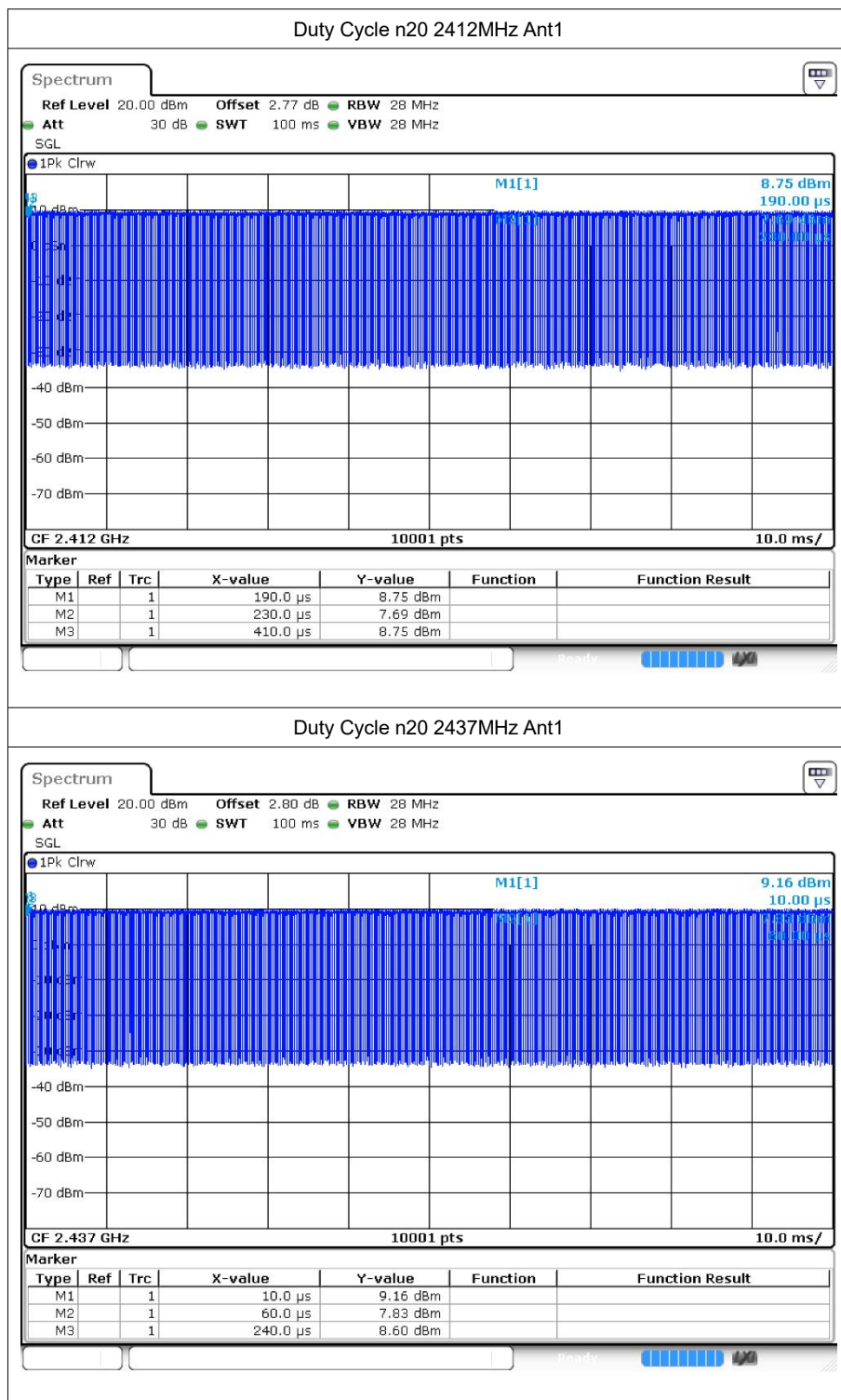
Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor	1/T (kHz)
b	2412	Ant1	99.58	0.02	0.12
b	2437	Ant1	99.6	0.02	0.12
b	2462	Ant1	99.59	0.02	0.12
g	2412	Ant1	99.58	0.02	0.12
g	2437	Ant1	99.6	0.02	0.12
g	2462	Ant1	99.59	0.02	0.12
n20	2412	Ant1	83.41	0.79	5.56
n20	2437	Ant1	83.51	0.78	5.56
n20	2462	Ant1	83.47	0.78	5.56
n40	2422	Ant1	83.74	0.77	5.56
n40	2437	Ant1	83.78	0.77	5.56
n40	2452	Ant1	83.73	0.77	5.56
ax20	2412	Ant1	83.24	0.8	5.56
ax20	2437	Ant1	83.22	0.8	5.56
ax20	2462	Ant1	83.22	0.8	5.88
ax40	2422	Ant1	82.99	0.81	5.88
ax40	2437	Ant1	82.6	0.83	5.88
ax40	2452	Ant1	83.04	0.81	5.88
b	2412	Ant2	99.61	0.02	0.12
b	2437	Ant2	99.58	0.02	0.12
b	2462	Ant2	99.58	0.02	0.12
g	2412	Ant2	99.61	0.02	0.12
g	2437	Ant2	99.58	0.02	0.12
g	2462	Ant2	99.58	0.02	0.12
n20	2412	Ant2	83.5	0.78	5.88
n20	2437	Ant2	83.58	0.78	5.88
n20	2462	Ant2	83.5	0.78	5.88
n40	2422	Ant2	83.75	0.77	5.56
n40	2437	Ant2	83.75	0.77	5.56
n40	2452	Ant2	83.81	0.77	5.56
ax20	2412	Ant2	83.04	0.81	5.88
ax20	2437	Ant2	83.12	0.8	5.56
ax20	2462	Ant2	83.1	0.8	5.56
ax40	2422	Ant2	82.91	0.81	5.88
ax40	2437	Ant2	82.83	0.82	5.88
ax40	2452	Ant2	82.88	0.82	5.88

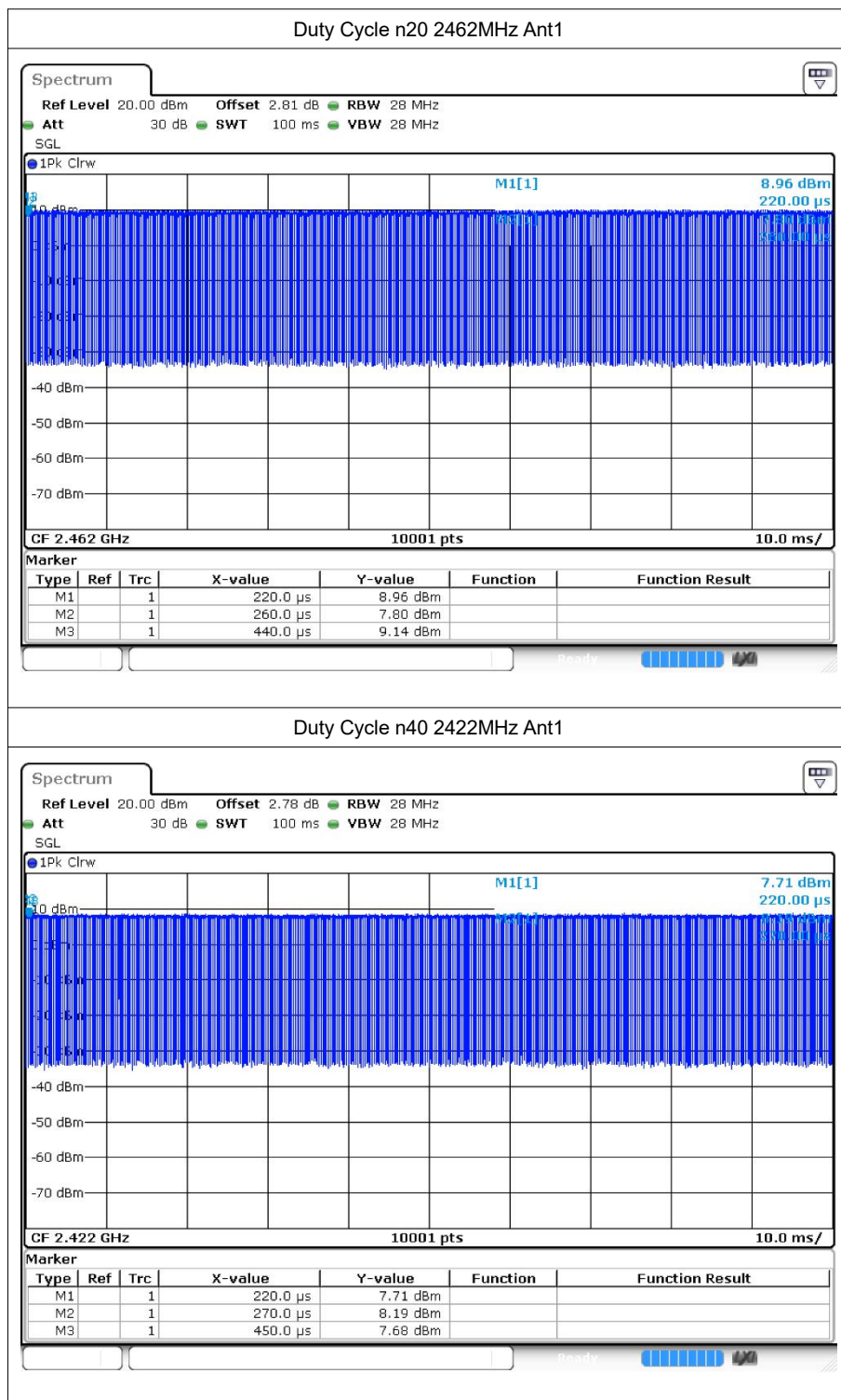
1.2 Test Graphs

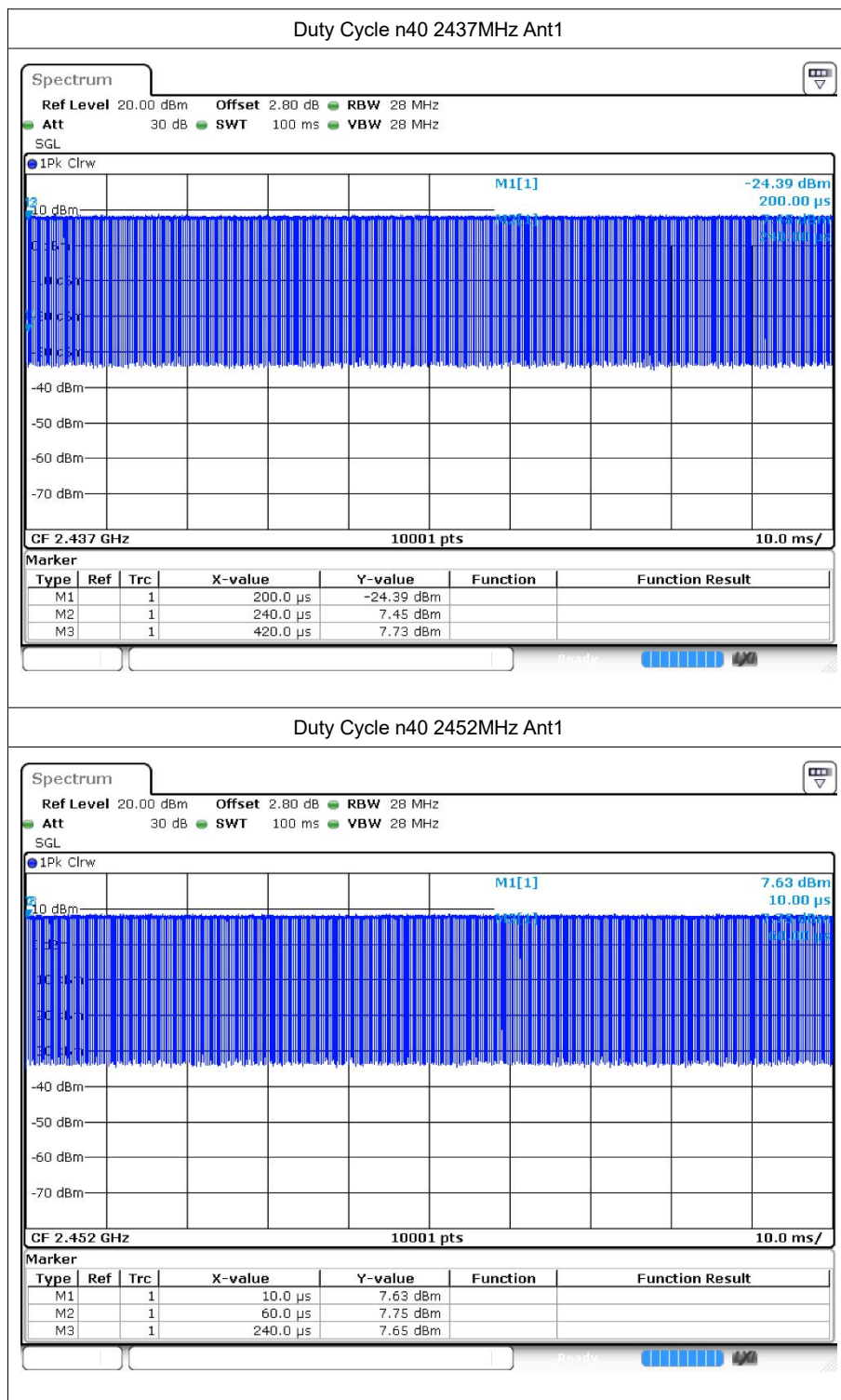






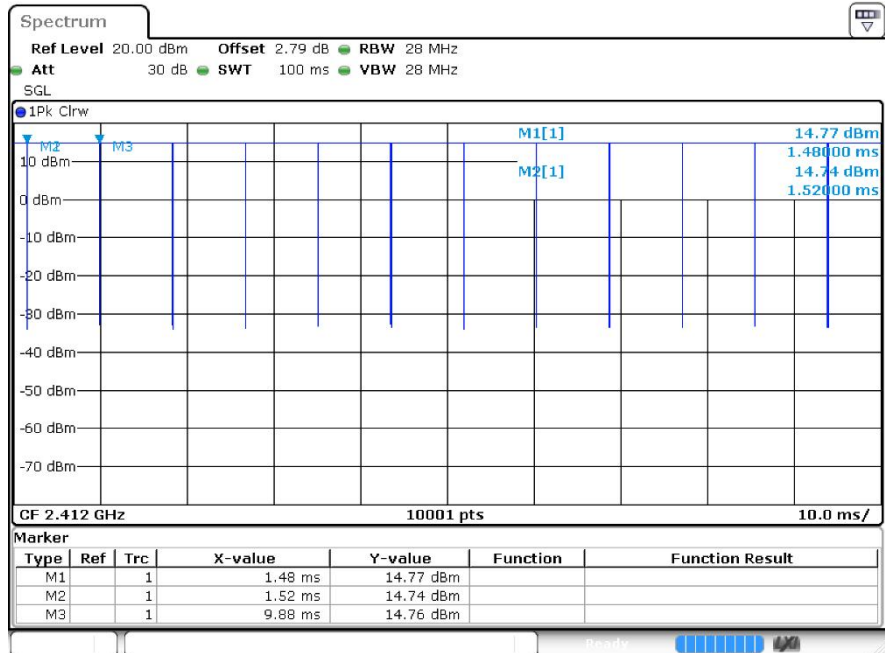




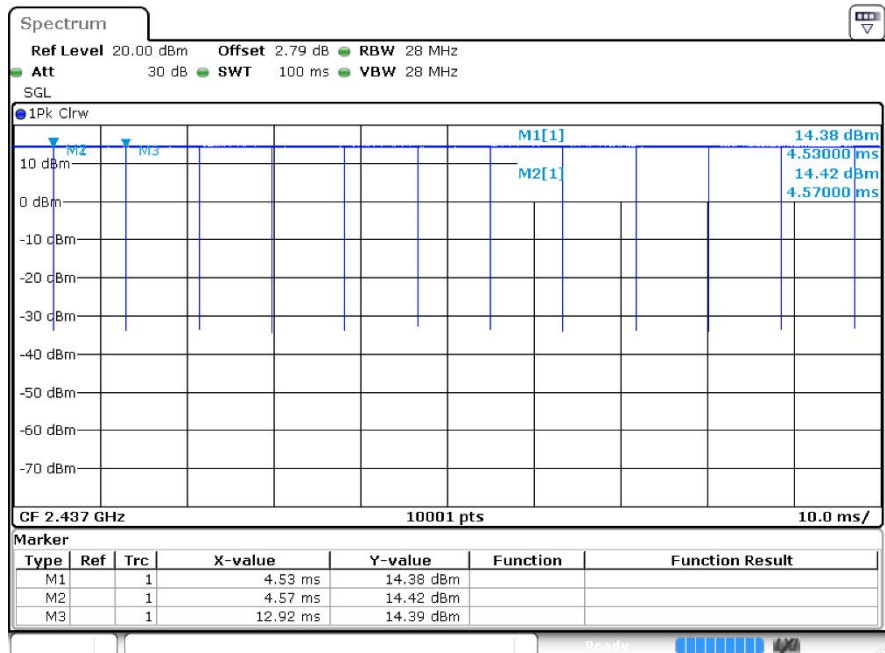


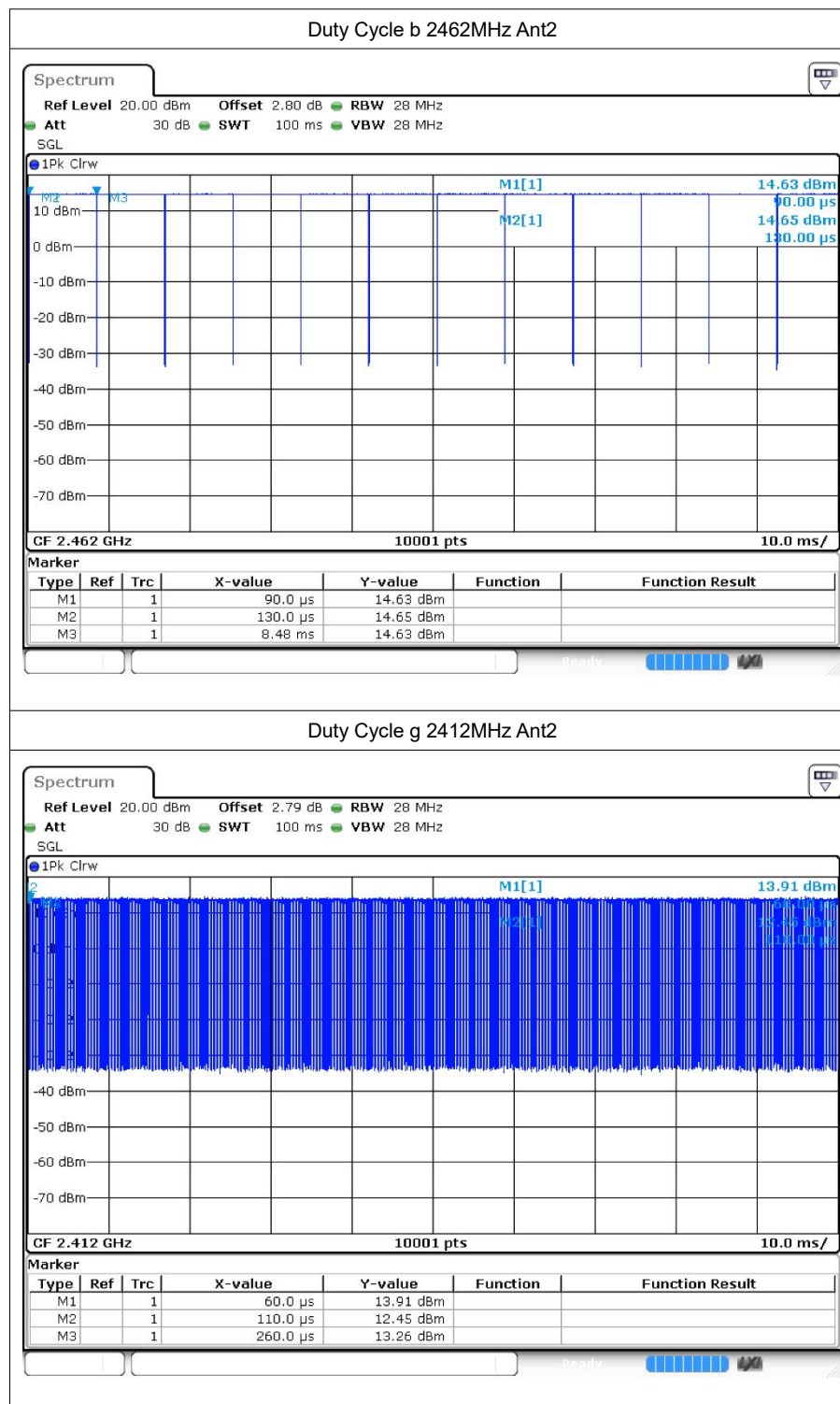
Test Graphs

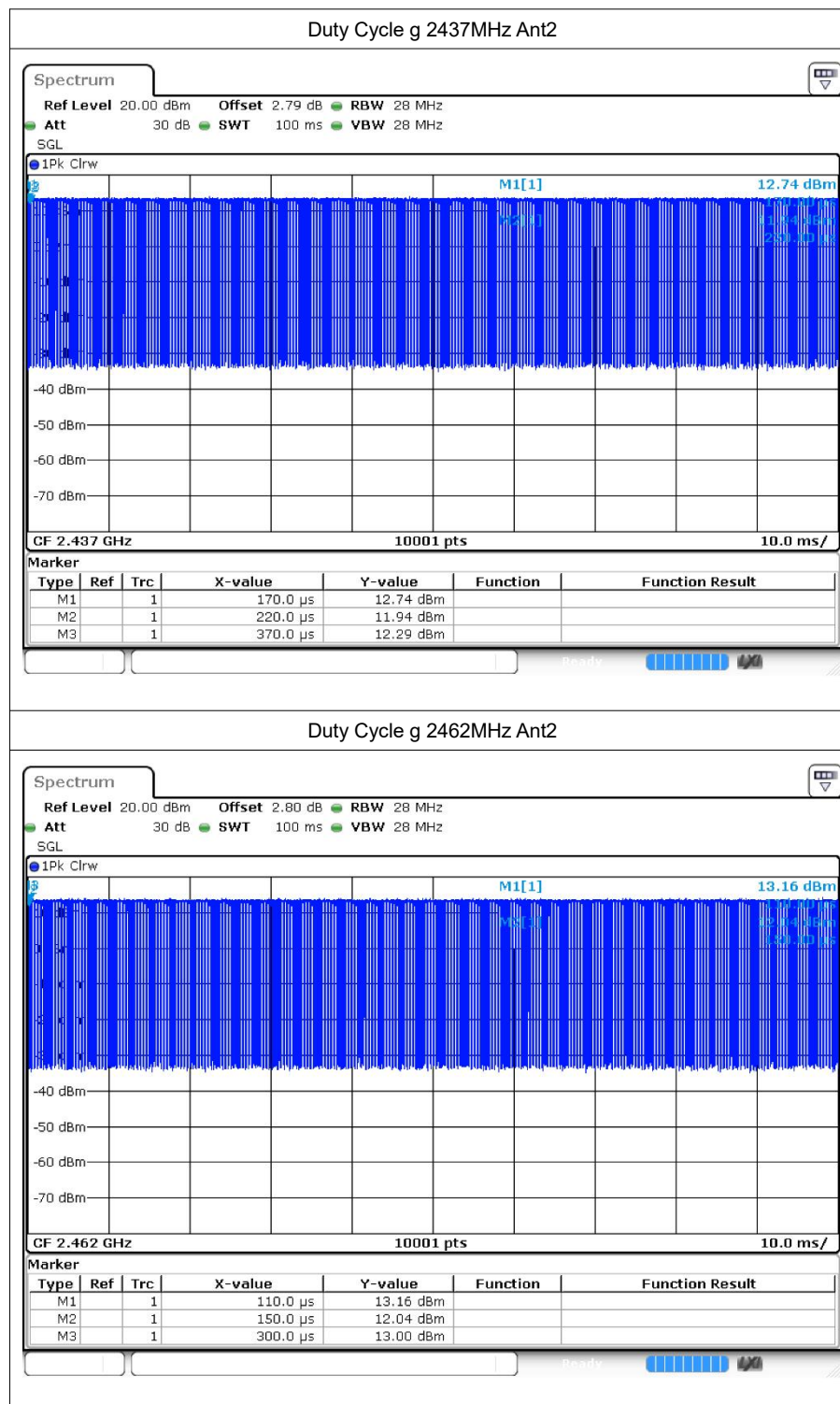
Duty Cycle b 2412MHz Ant2

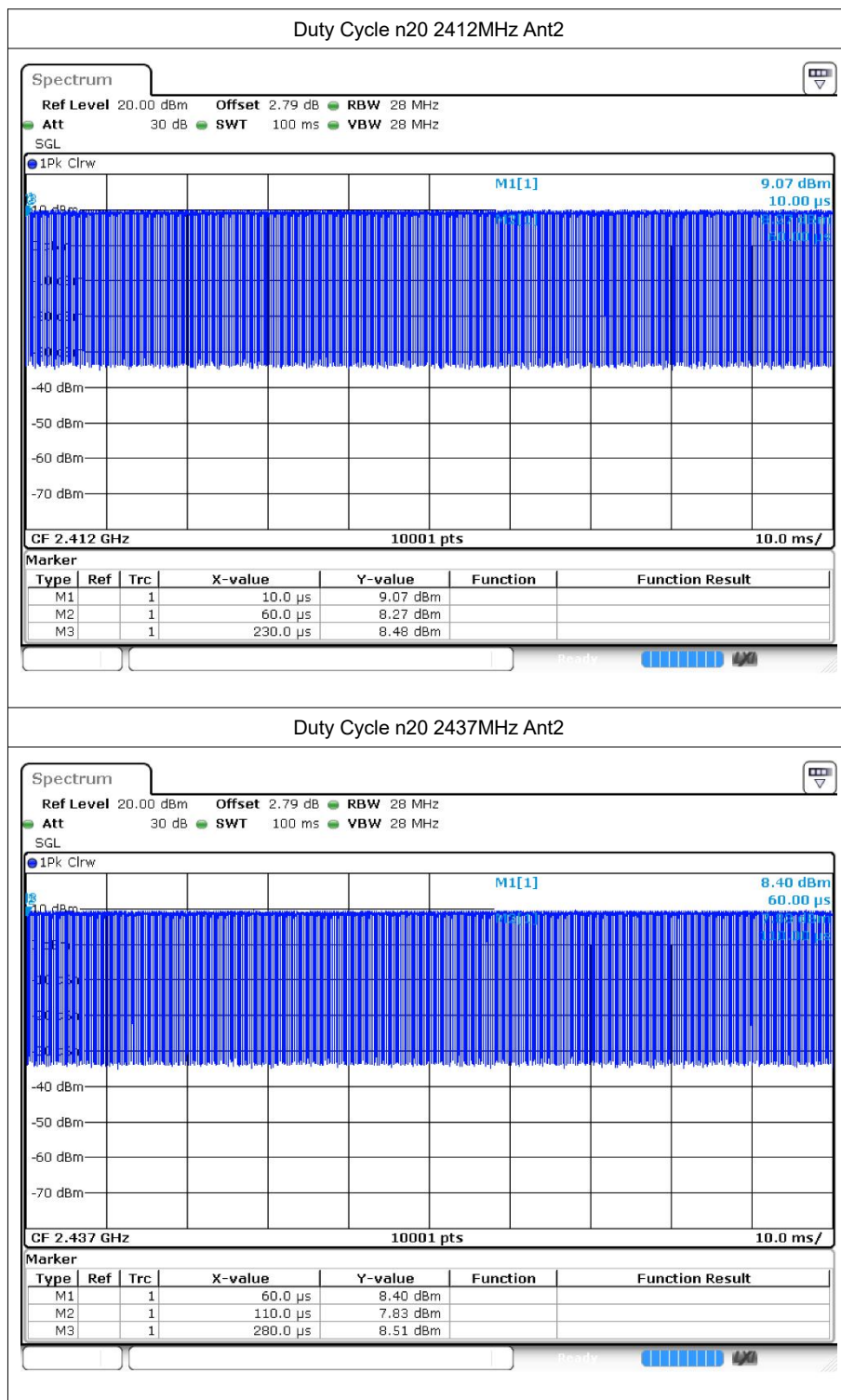


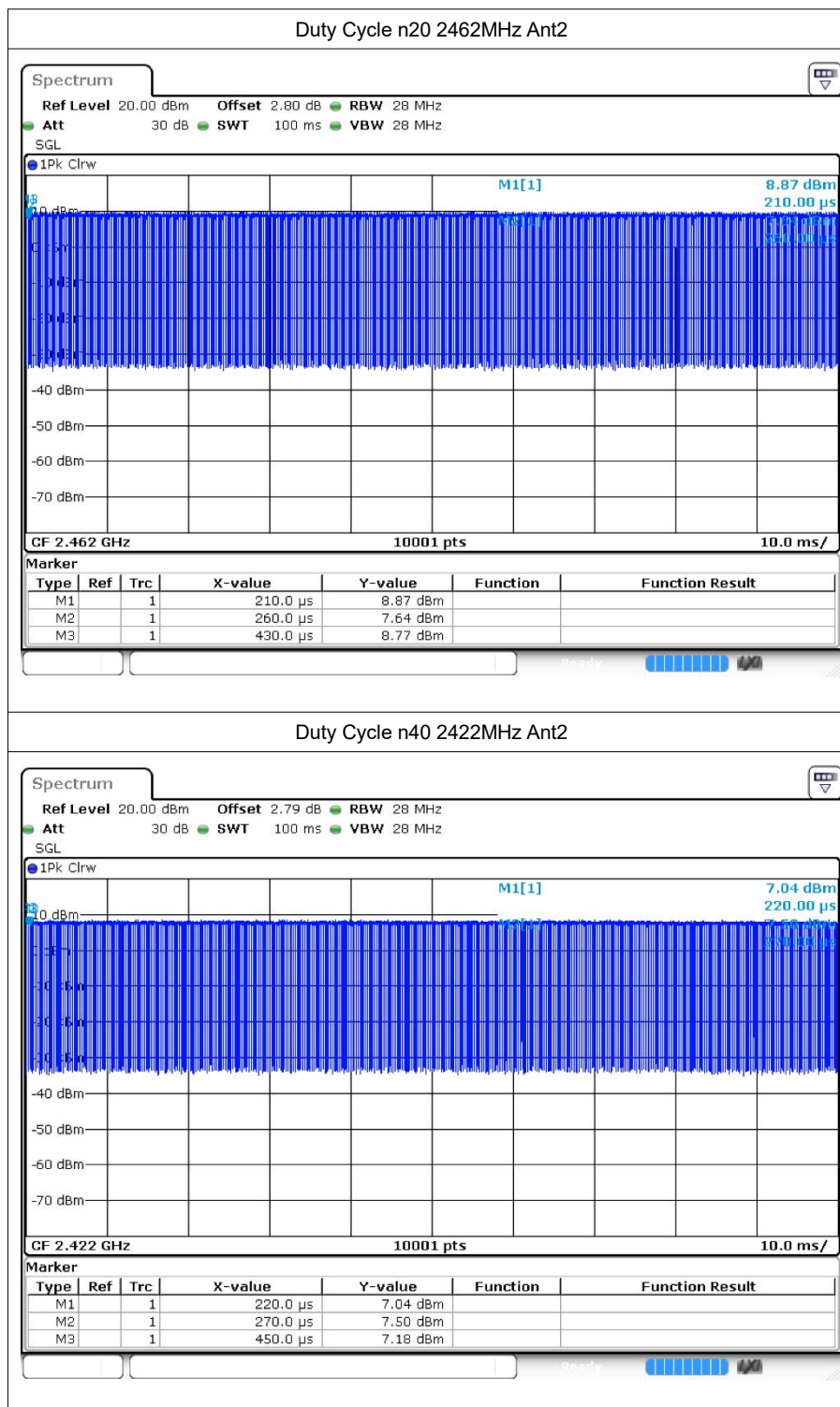
Duty Cycle b 2437MHz Ant2

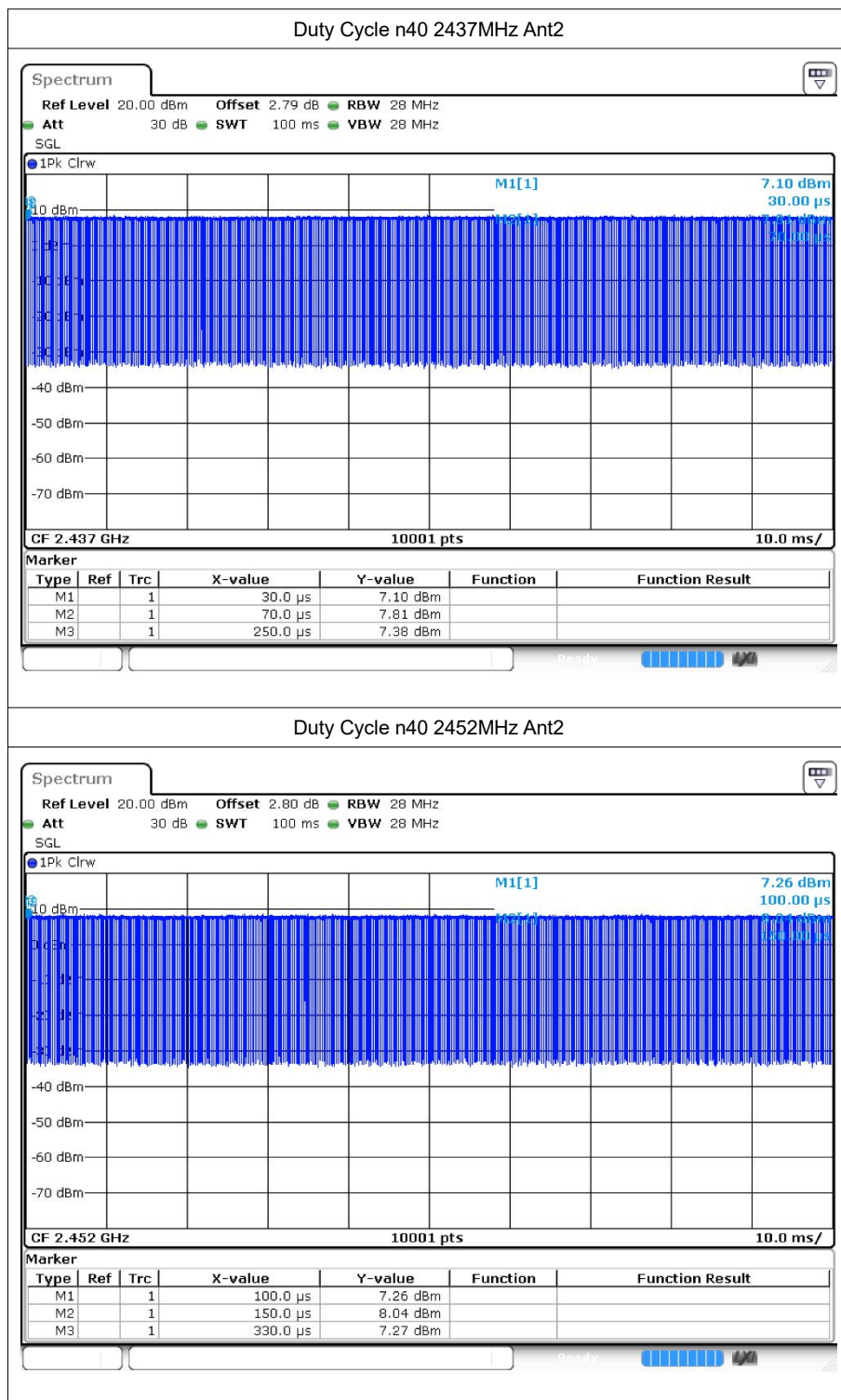




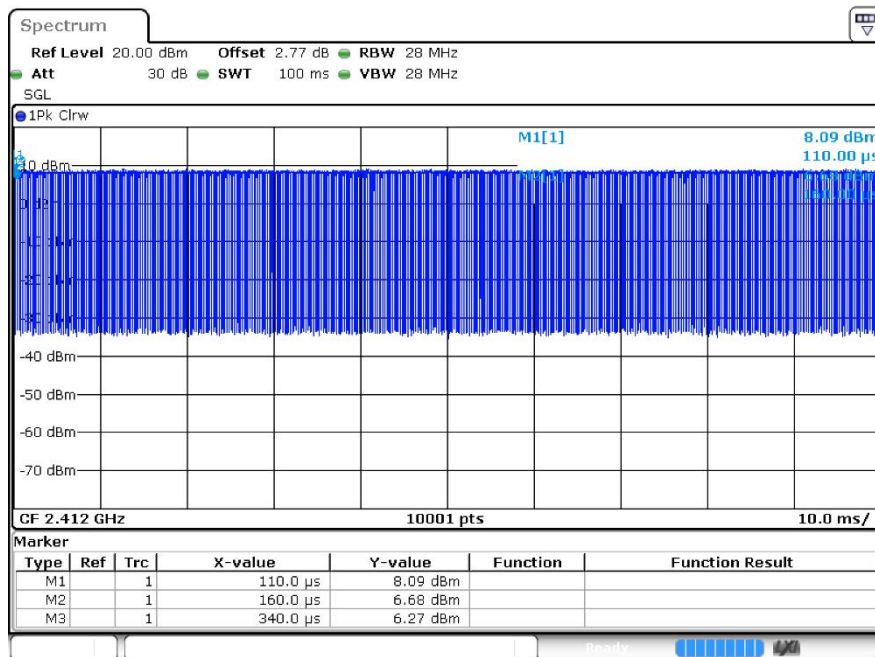




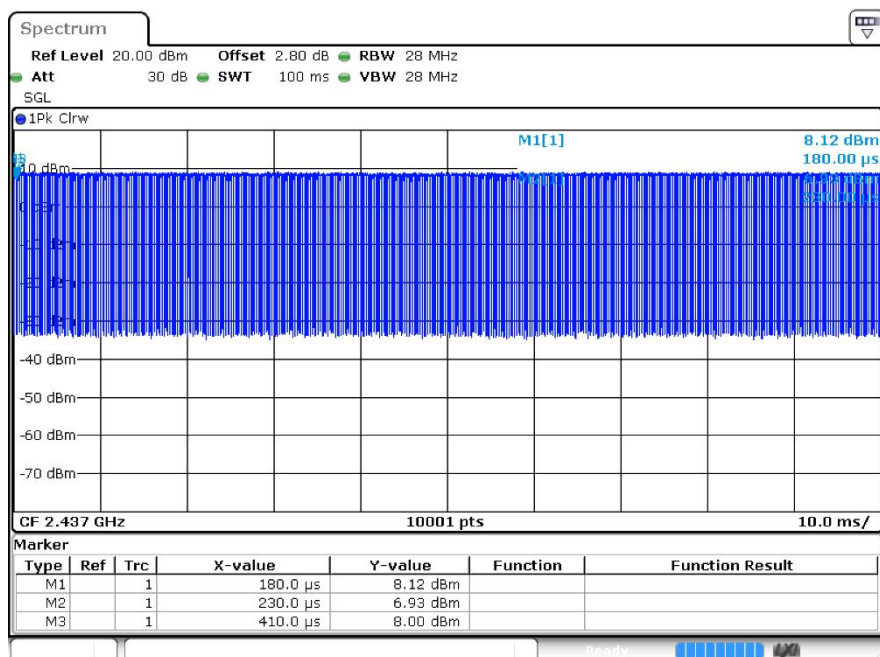


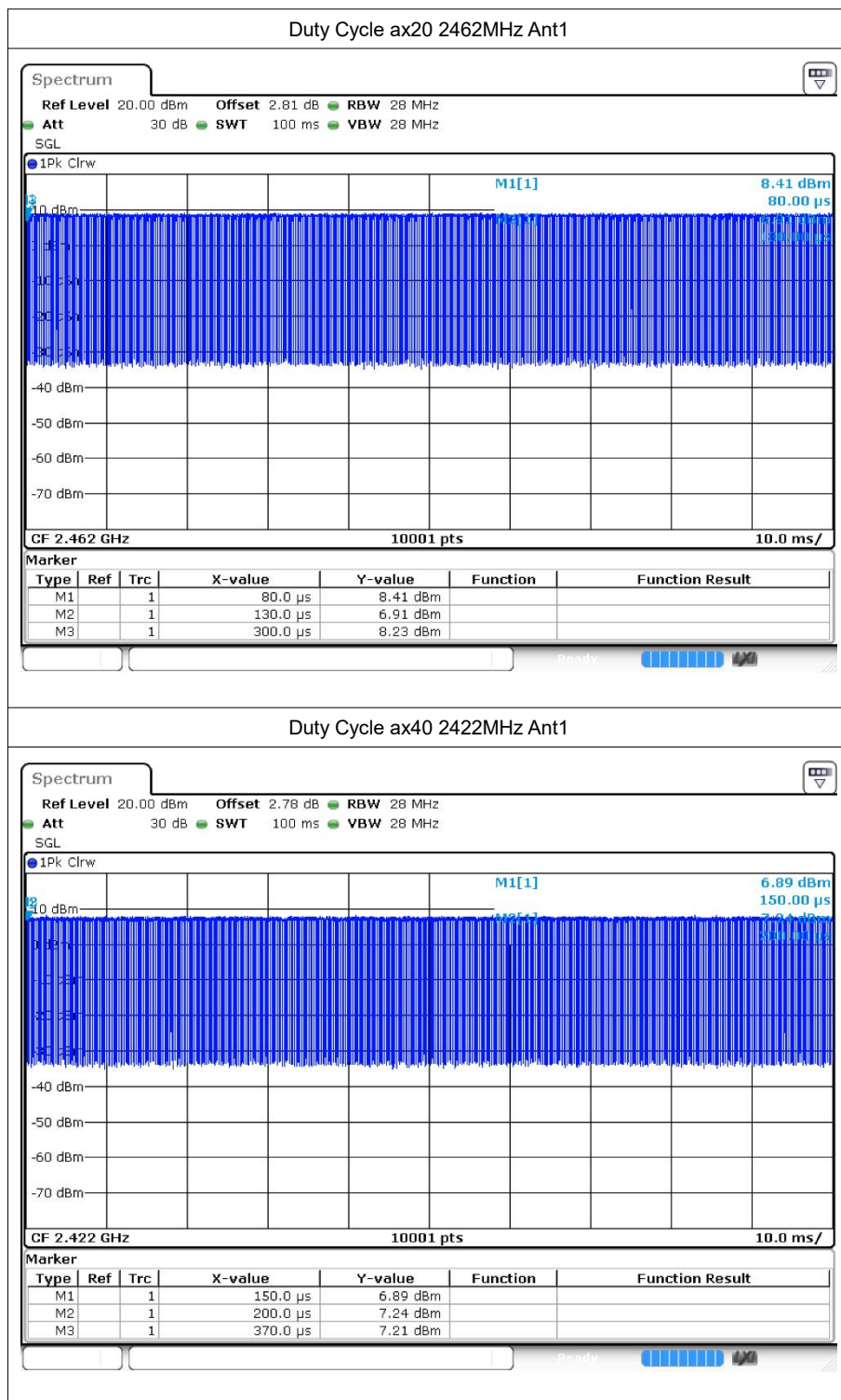


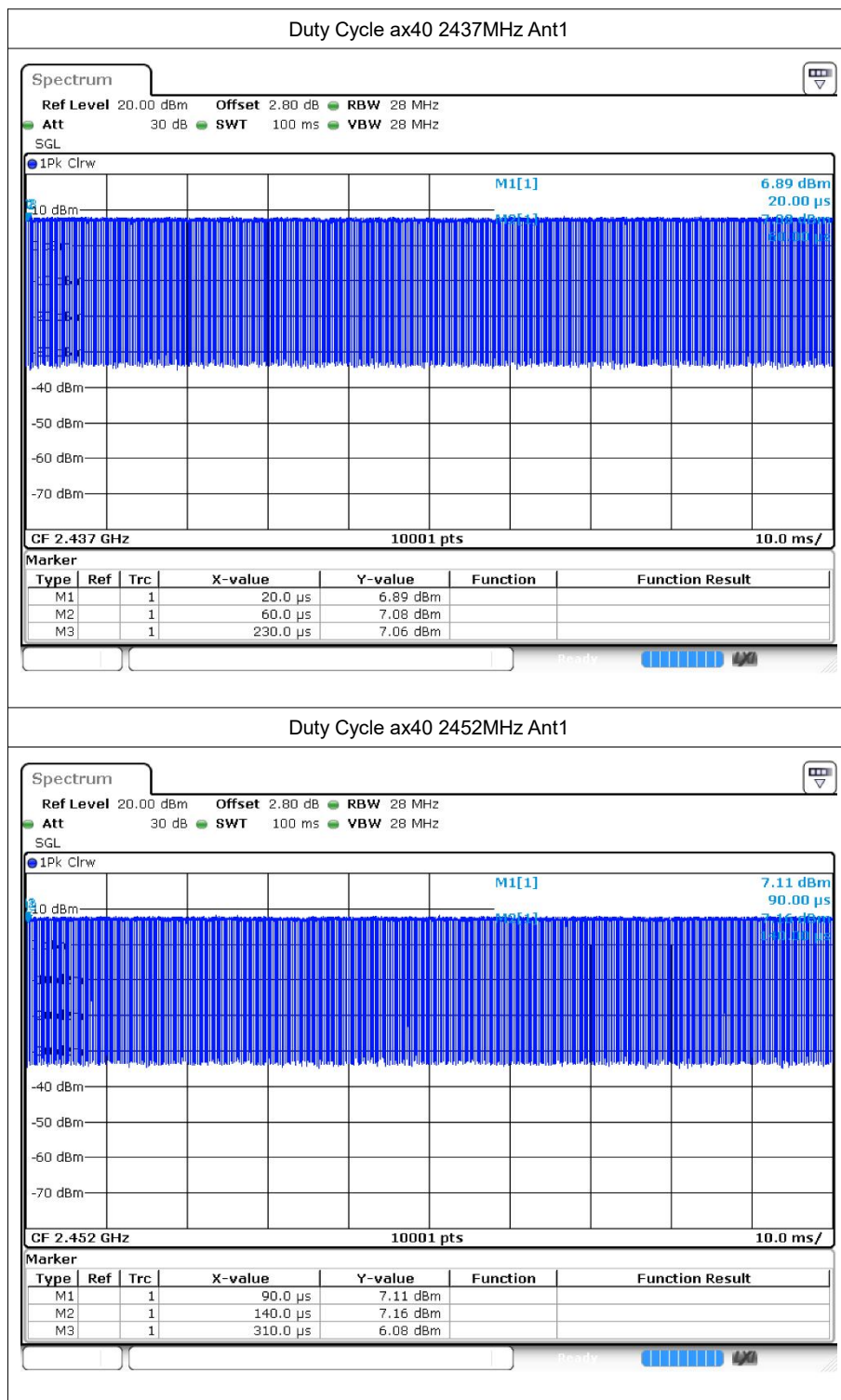
Duty Cycle ax20 2412MHz Ant1

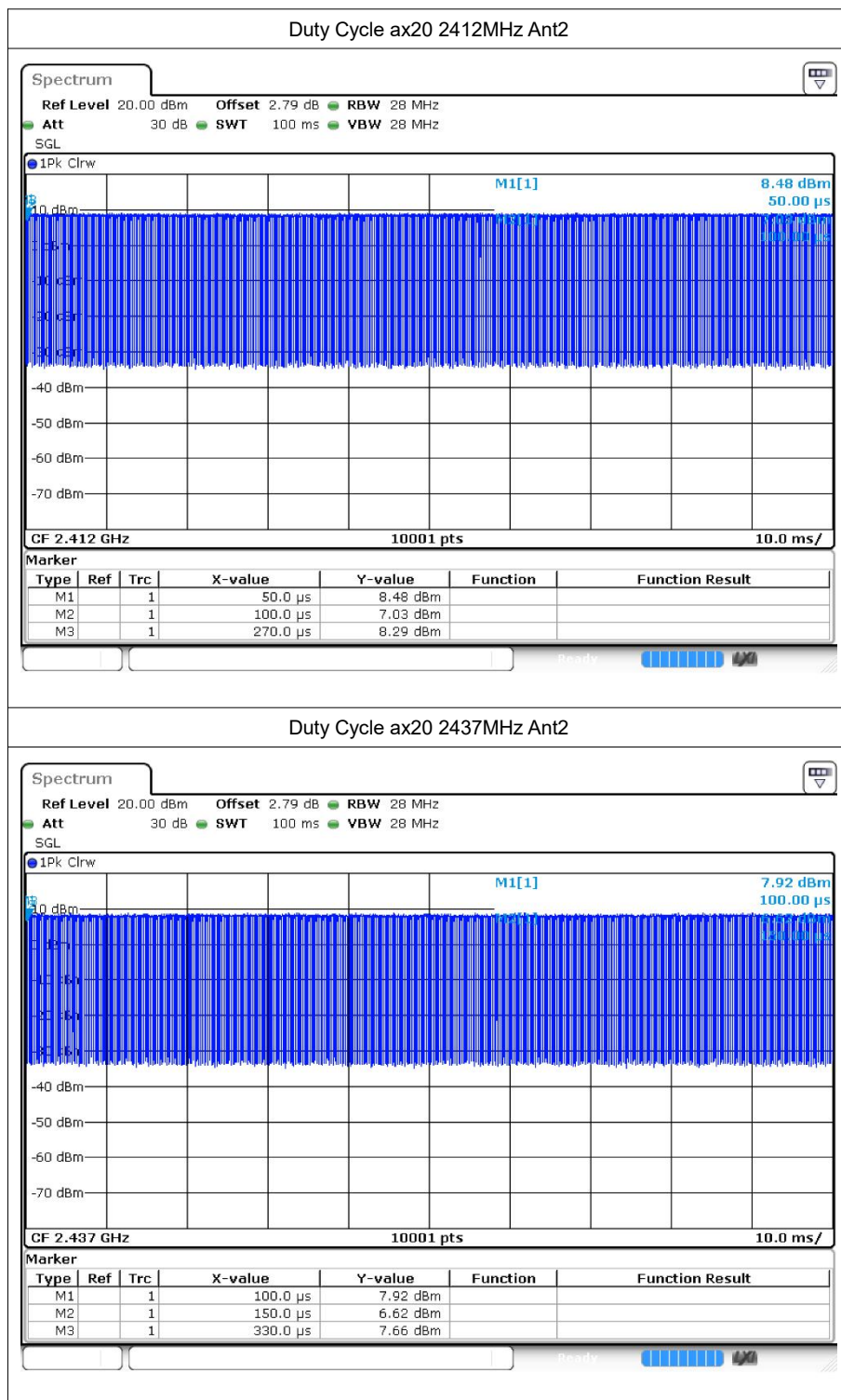


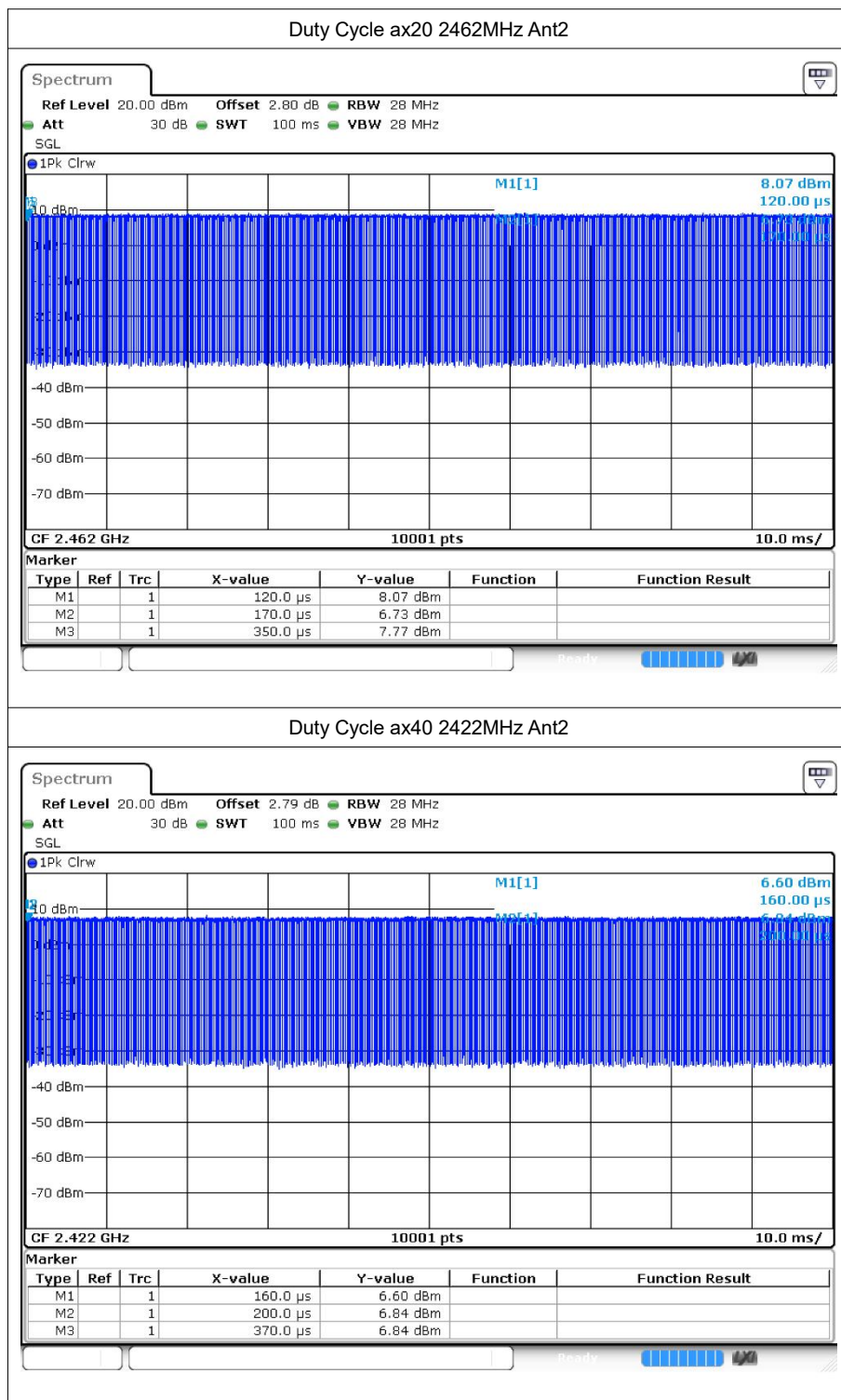
Duty Cycle ax20 2437MHz Ant1

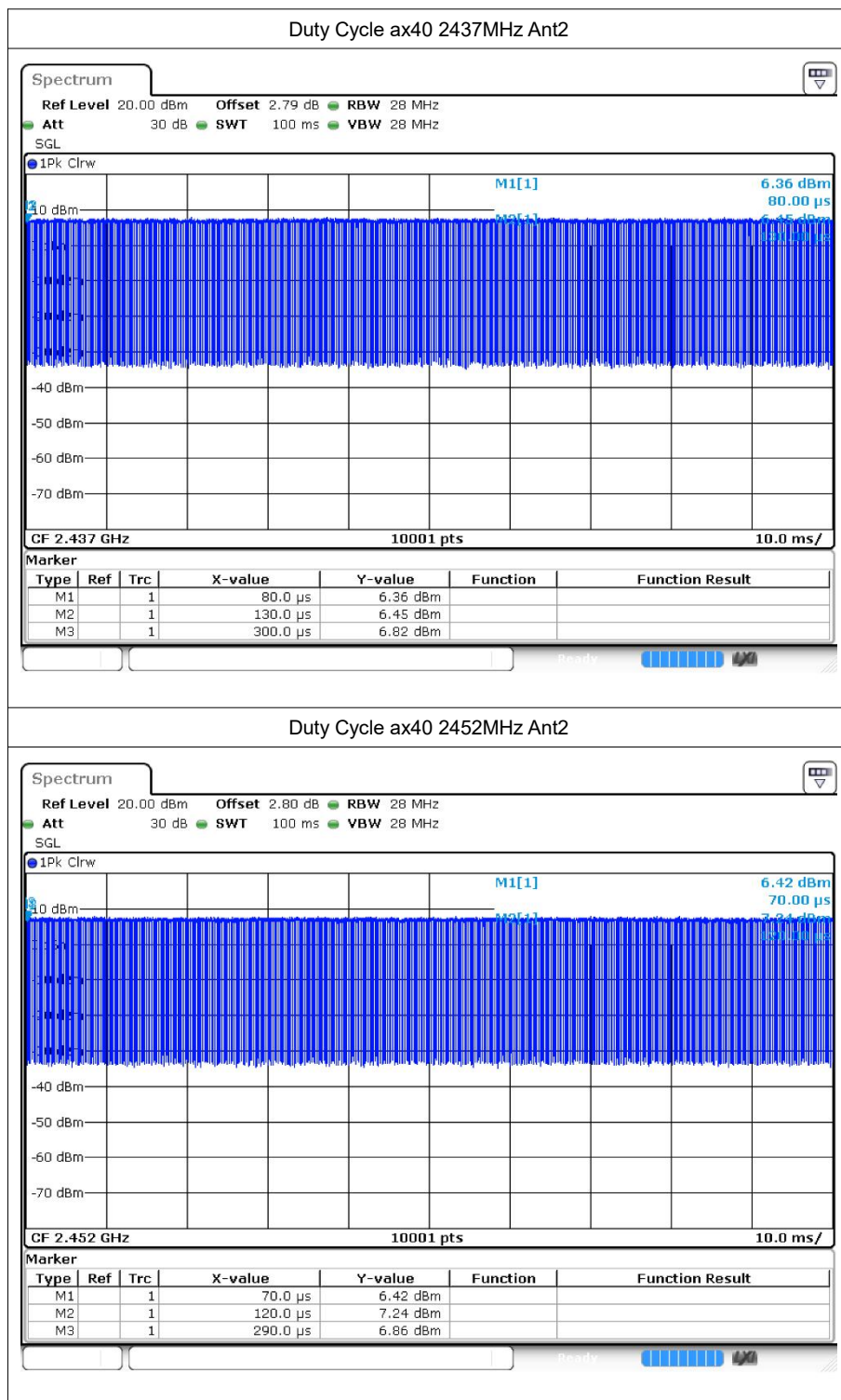












2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant1	15.86	30	Pass
b	2437	Ant1	15.99	30	Pass
b	2462	Ant1	15.98	30	Pass
b	2412	Ant2	15.94	30	Pass
b	2437	Ant2	15.44	30	Pass
b	2462	Ant2	14.79	30	Pass
g	2412	Ant1	15.21	30	Pass
g	2437	Ant1	15.58	30	Pass
g	2462	Ant1	15.45	30	Pass
g	2412	Ant2	15.51	30	Pass
g	2437	Ant2	15.07	30	Pass
g	2462	Ant2	15.17	30	Pass
n20	2412	Ant1	11.7	30	Pass
n20	2437	Ant1	11.91	30	Pass
n20	2462	Ant1	11.95	30	Pass
n20	2412	Ant2	12.02	30	Pass
n20	2437	Ant2	11.63	30	Pass
n20	2462	Ant2	11.7	30	Pass
n20	2412	Sum	14.87	30	Pass
n20	2437	Sum	14.78	30	Pass
n20	2462	Sum	14.84	30	Pass
n40	2422	Ant1	11.21	30	Pass
n40	2437	Ant1	11.22	30	Pass
n40	2452	Ant1	10.99	30	Pass
n40	2422	Ant2	11.2	30	Pass
n40	2437	Ant2	10.95	30	Pass
n40	2452	Ant2	10.95	30	Pass
n40	2422	Sum	14.22	30	Pass
n40	2437	Sum	14.10	30	Pass
n40	2452	Sum	13.98	30	Pass
ax20	2412	Ant1	11.38	30	Pass
ax20	2437	Ant1	11.68	30	Pass



ax20	2462	Ant1	11.66	30	Pass
ax20	2412	Ant2	11.76	30	Pass
ax20	2437	Ant2	11.21	30	Pass
ax20	2462	Ant2	11.52	30	Pass
ax20	2412	Sum	14.58	30	Pass
ax20	2437	Sum	14.46	30	Pass
ax20	2462	Sum	14.60	30	Pass
ax40	2422	Ant1	10.67	30	Pass
ax40	2437	Ant1	10.9	30	Pass
ax40	2452	Ant1	10.87	30	Pass
ax40	2422	Ant2	10.77	30	Pass
ax40	2437	Ant2	10.63	30	Pass
ax40	2452	Ant2	10.57	30	Pass
ax40	2422	Sum	13.73	30	Pass
ax40	2437	Sum	13.78	30	Pass
ax40	2452	Sum	13.73	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	10.086	0.5	Pass
b	2437	Ant1	10.095	0.5	Pass
b	2462	Ant1	10.092	0.5	Pass
g	2412	Ant1	15.111	0.5	Pass
g	2437	Ant1	15.114	0.5	Pass
g	2462	Ant1	15.102	0.5	Pass
n20	2412	Ant1	15.117	0.5	Pass
n20	2437	Ant1	15.114	0.5	Pass
n20	2462	Ant1	15.105	0.5	Pass
n40	2422	Ant1	35.082	0.5	Pass
n40	2437	Ant1	35.076	0.5	Pass
n40	2452	Ant1	35.064	0.5	Pass
ax20	2412	Ant1	15.108	0.5	Pass
ax20	2437	Ant1	15.123	0.5	Pass
ax20	2462	Ant1	15.099	0.5	Pass
ax40	2422	Ant1	35.07	0.5	Pass
ax40	2437	Ant1	35.082	0.5	Pass
ax40	2452	Ant1	31.338	0.5	Pass
b	2412	Ant2	10.071	0.5	Pass
b	2437	Ant2	10.092	0.5	Pass
b	2462	Ant2	10.095	0.5	Pass
g	2412	Ant2	15.108	0.5	Pass
g	2437	Ant2	15.111	0.5	Pass
g	2462	Ant2	15.117	0.5	Pass
n20	2412	Ant2	15.111	0.5	Pass
n20	2437	Ant2	15.042	0.5	Pass
n20	2462	Ant2	15.117	0.5	Pass
n40	2422	Ant2	34.998	0.5	Pass
n40	2437	Ant2	35.052	0.5	Pass
n40	2452	Ant2	35.046	0.5	Pass
ax20	2412	Ant2	15.114	0.5	Pass
ax20	2437	Ant2	15.12	0.5	Pass
ax20	2462	Ant2	15.126	0.5	Pass
ax40	2422	Ant2	33.828	0.5	Pass
ax40	2437	Ant2	33.828	0.5	Pass
ax40	2452	Ant2	36.318	0.5	Pass

3.2 Test Graphs

