

Appendix: 2.4G WIFI

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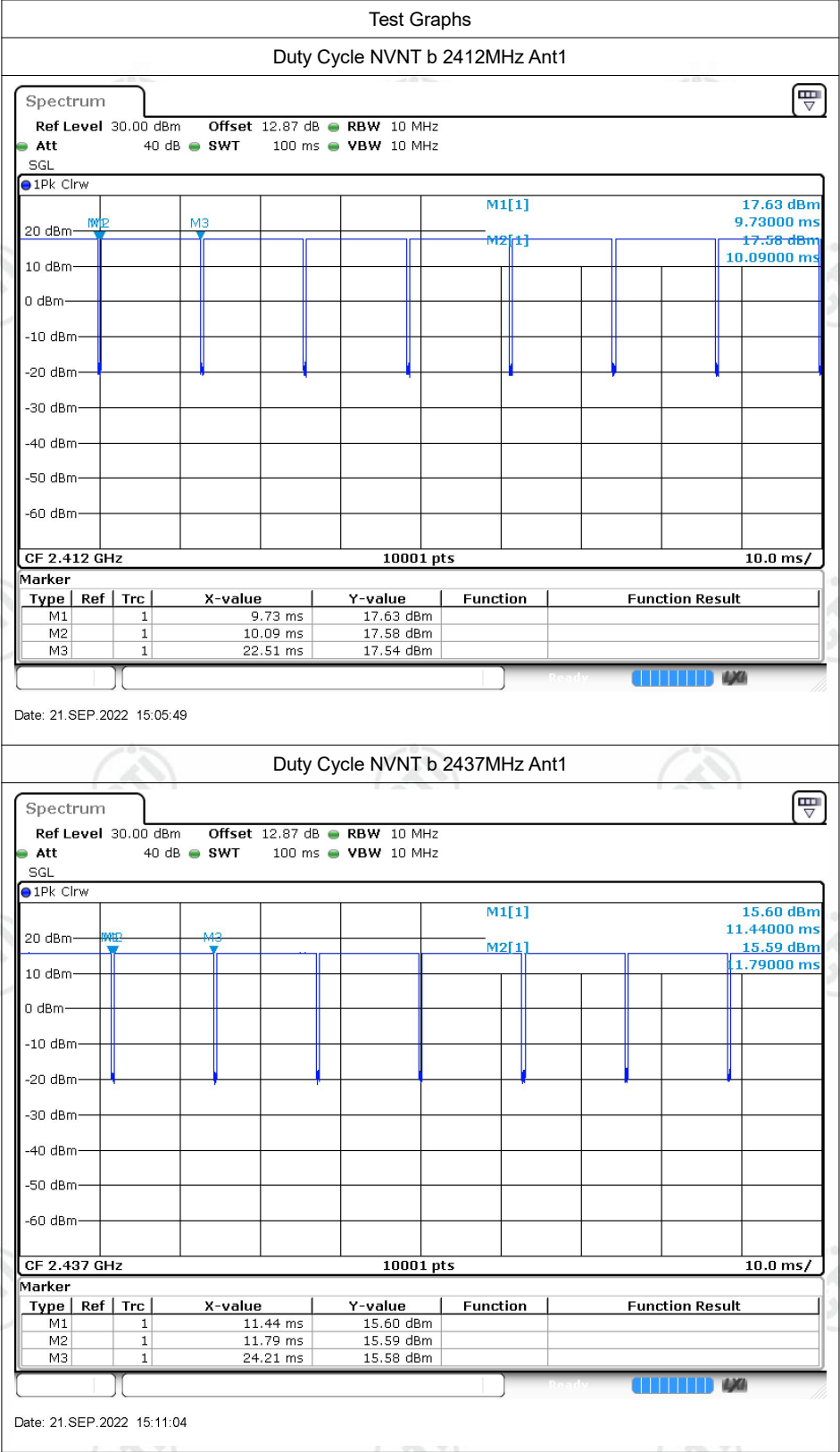
Maximum Power Spectral Density Level 44

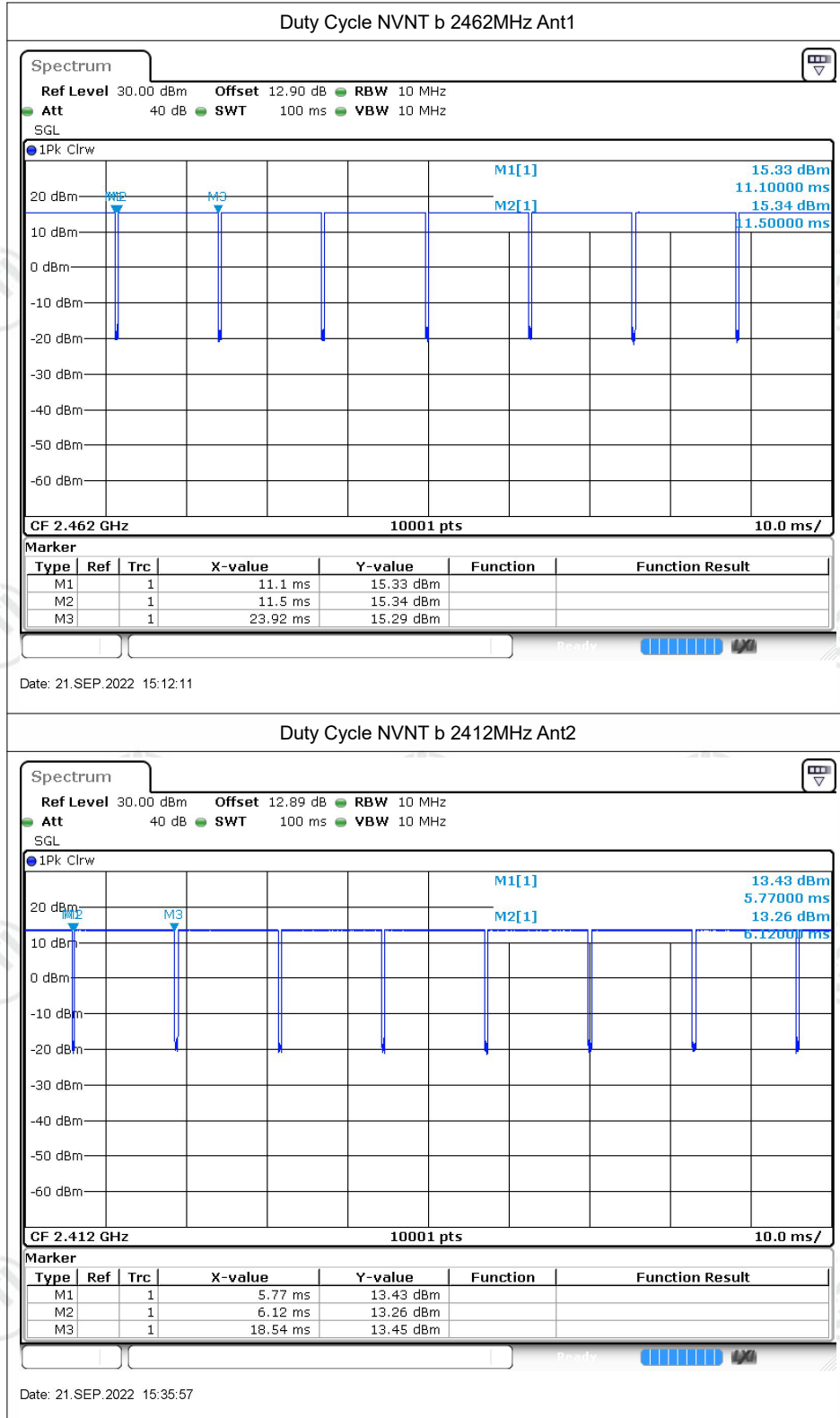
Band Edge 64

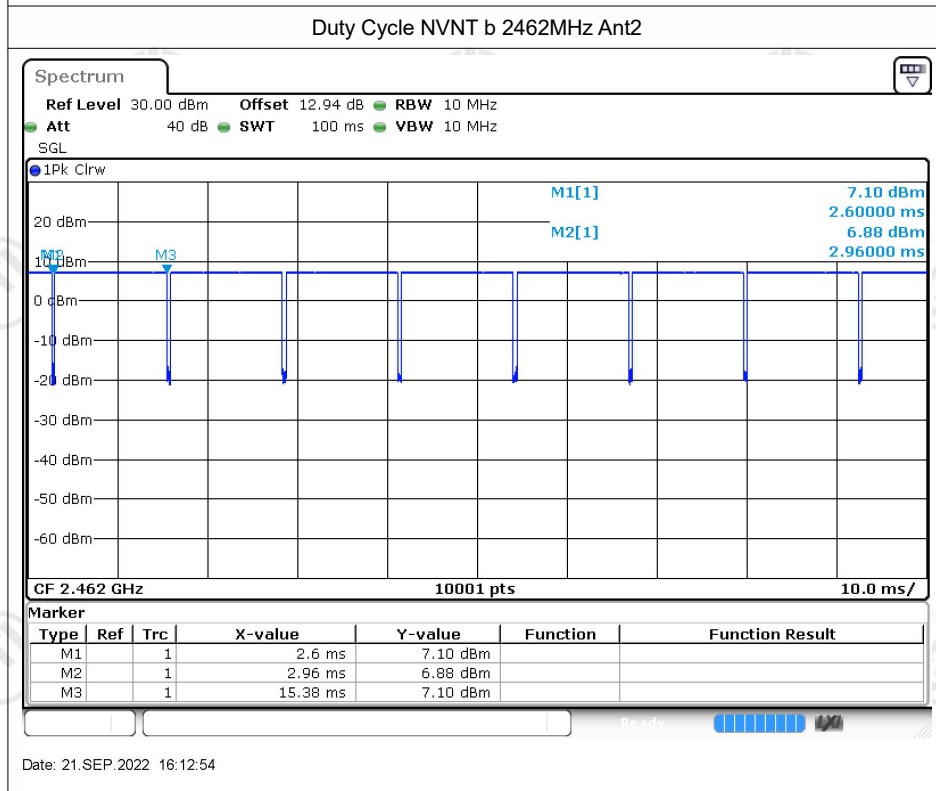
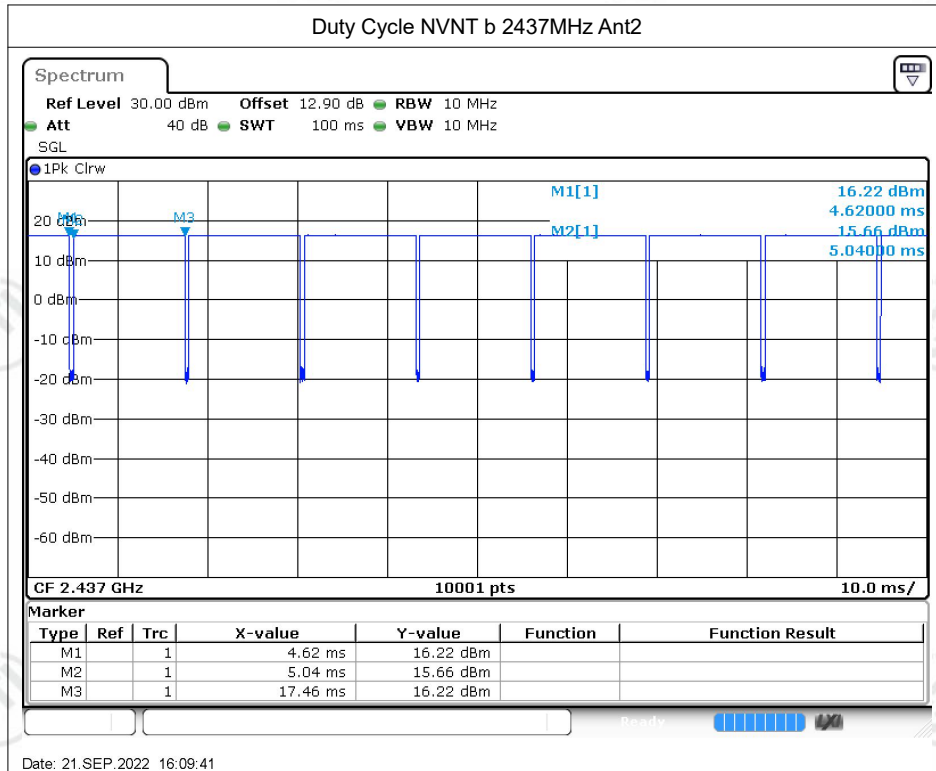
Conducted RF Spurious Emission 81

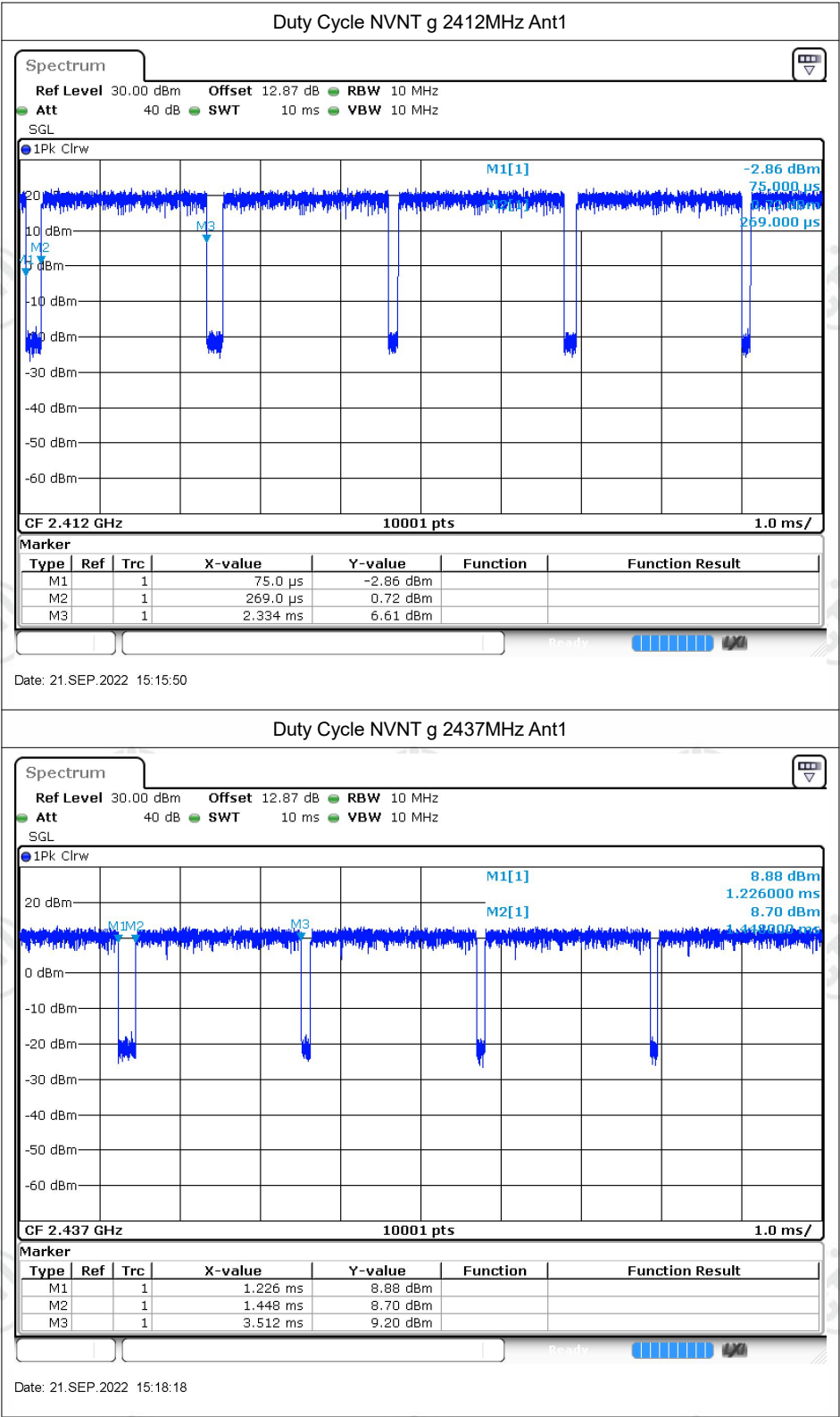
Duty Cycle

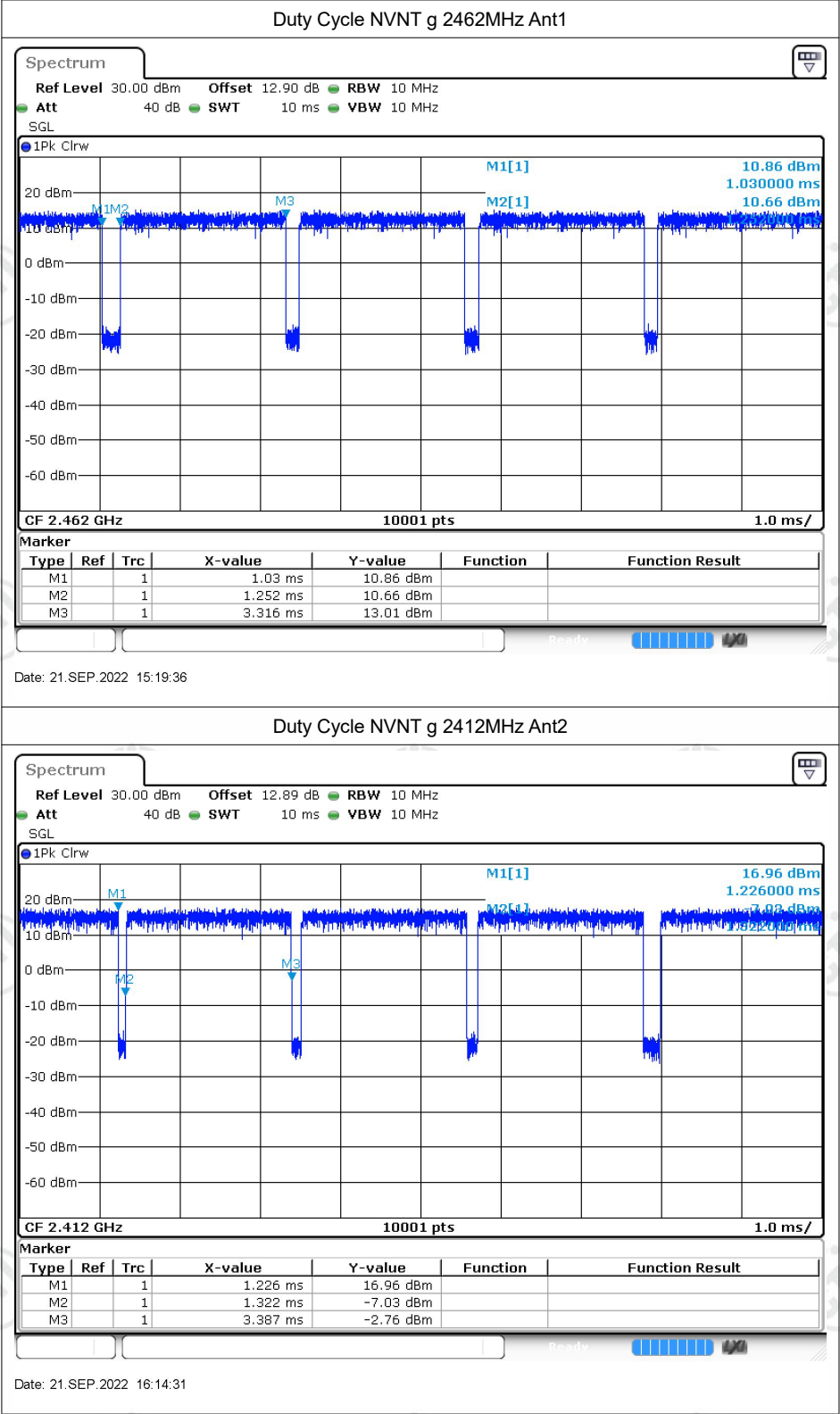
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	97.18	0.12	0.08
NVNT	b	2437	Ant1	97.26	0.12	0.08
NVNT	b	2462	Ant1	96.88	0.14	0.08
NVNT	b	2412	Ant2	97.26	0.12	0.08
NVNT	b	2437	Ant2	96.73	0.14	0.08
NVNT	b	2462	Ant2	97.18	0.12	0.08
NVNT	g	2412	Ant1	91.41	0.39	0.48
NVNT	g	2437	Ant1	90.29	0.44	0.48
NVNT	g	2462	Ant1	90.29	0.44	0.48
NVNT	g	2412	Ant2	95.56	0.2	0.48
NVNT	g	2437	Ant2	94.38	0.25	0.48
NVNT	g	2462	Ant2	95.16	0.22	0.48
NVNT	n20	2412	Ant1	95.24	0.21	0.52
NVNT	n20	2437	Ant1	93.57	0.29	0.52
NVNT	n20	2462	Ant1	93.57	0.29	0.52
NVNT	n20	2412	Ant2	92.35	0.35	0.52
NVNT	n20	2437	Ant2	92.75	0.33	0.52
NVNT	n20	2462	Ant2	95.19	0.21	0.52
NVNT	n40	2422	Ant1	89.99	0.46	1.06
NVNT	n40	2437	Ant1	82.23	0.85	1.06
NVNT	n40	2452	Ant1	80.96	0.92	1.06
NVNT	n40	2422	Ant2	83.54	0.78	1.06
NVNT	n40	2437	Ant2	82.23	0.85	1.06
NVNT	n40	2452	Ant2	84.21	0.75	1.06

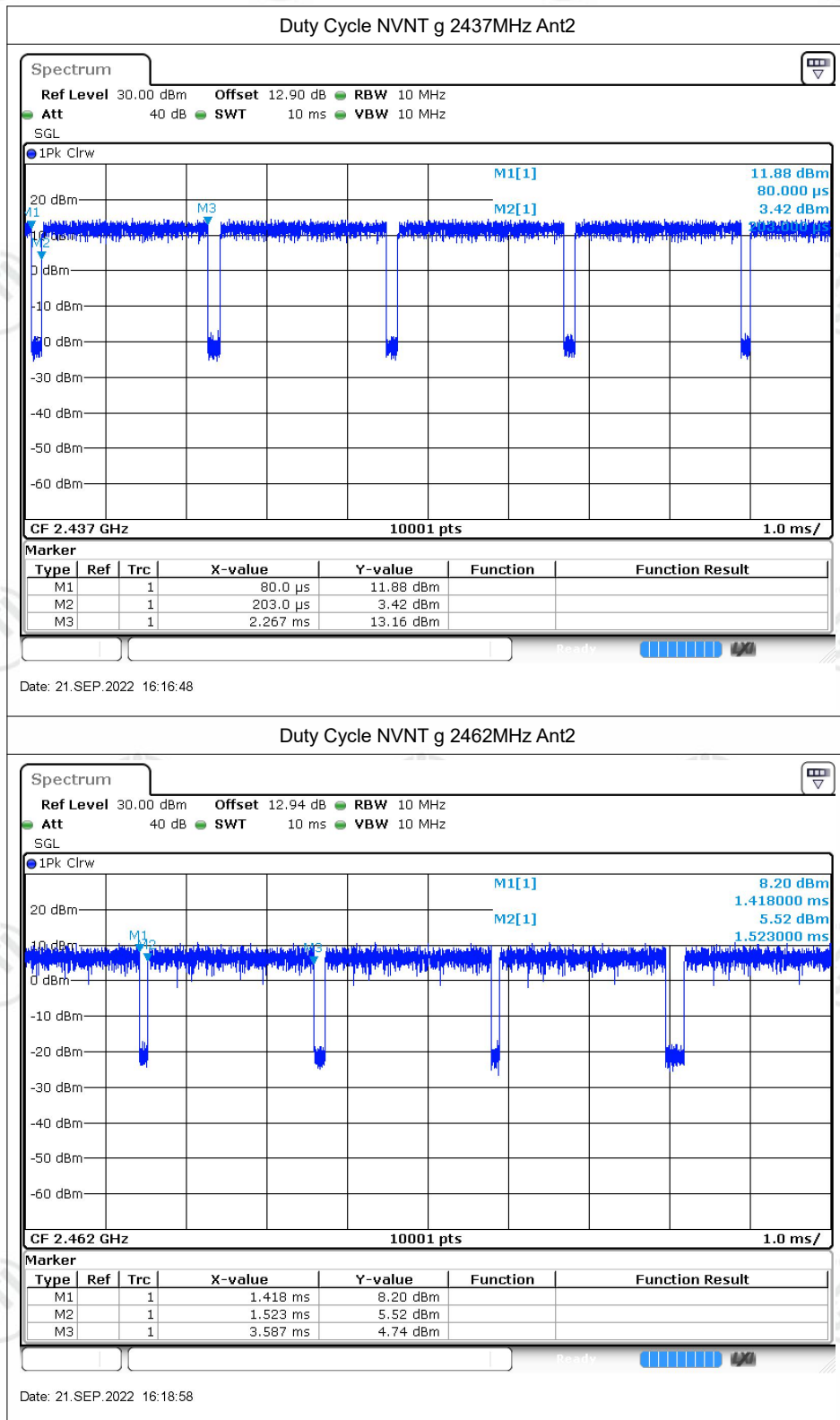


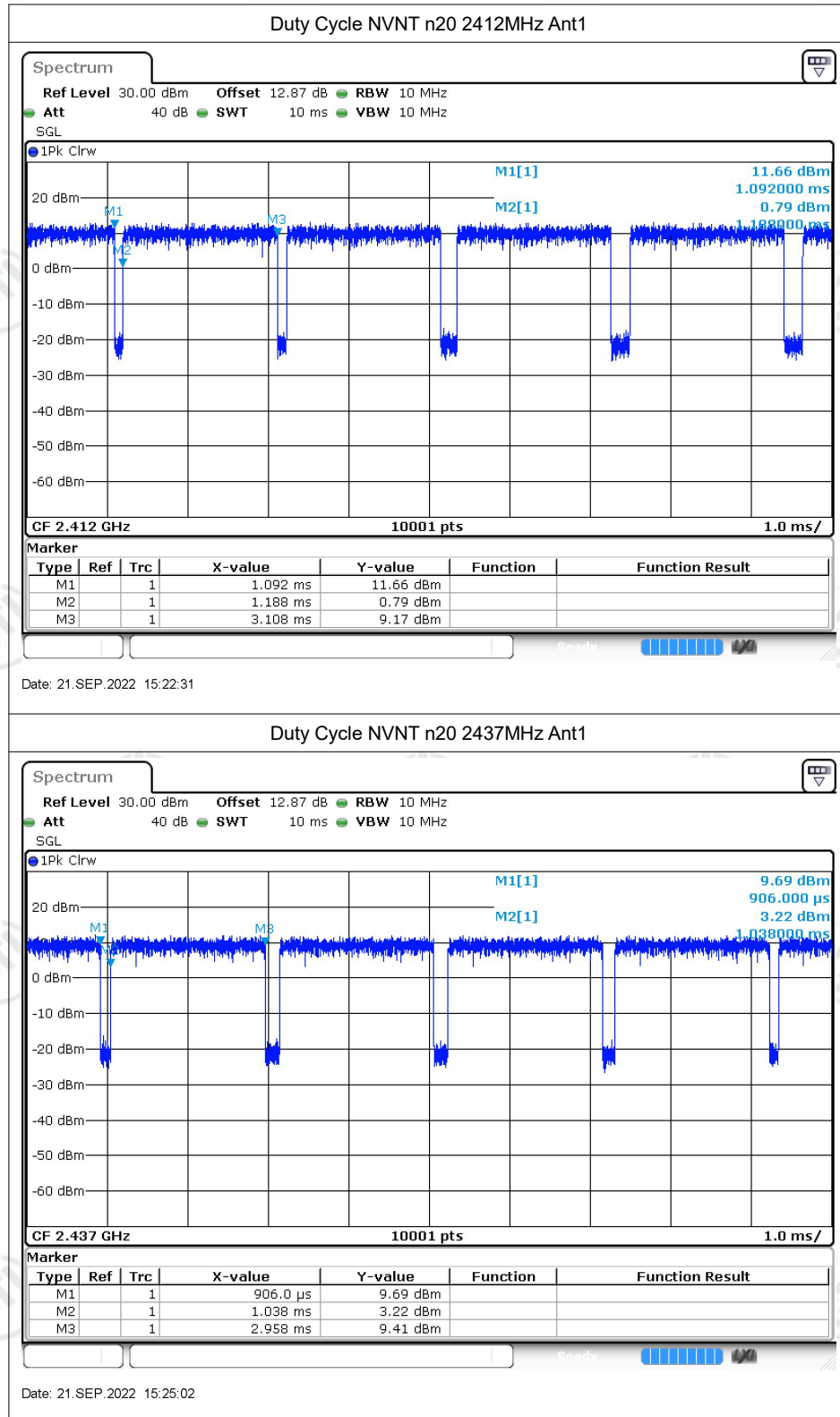


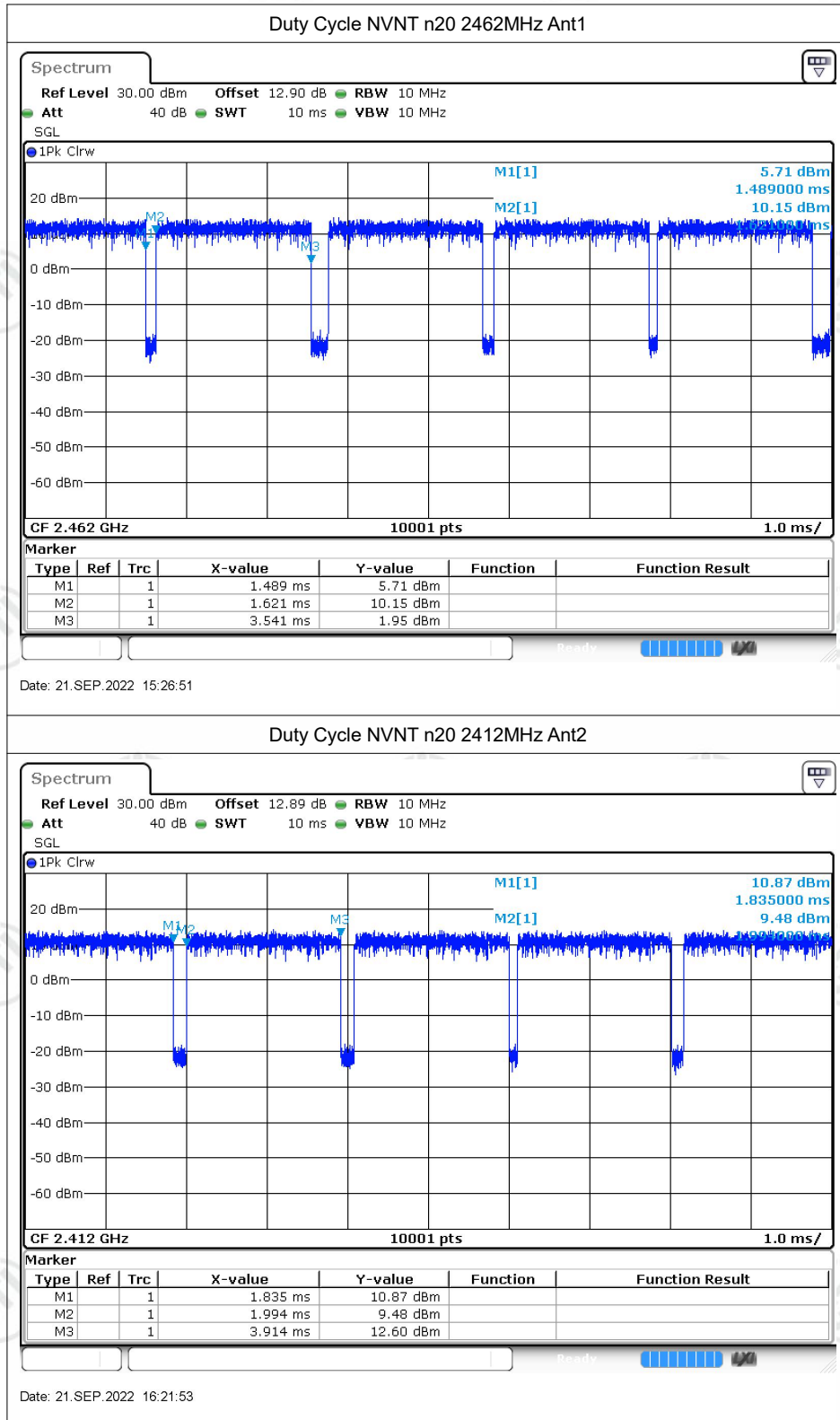


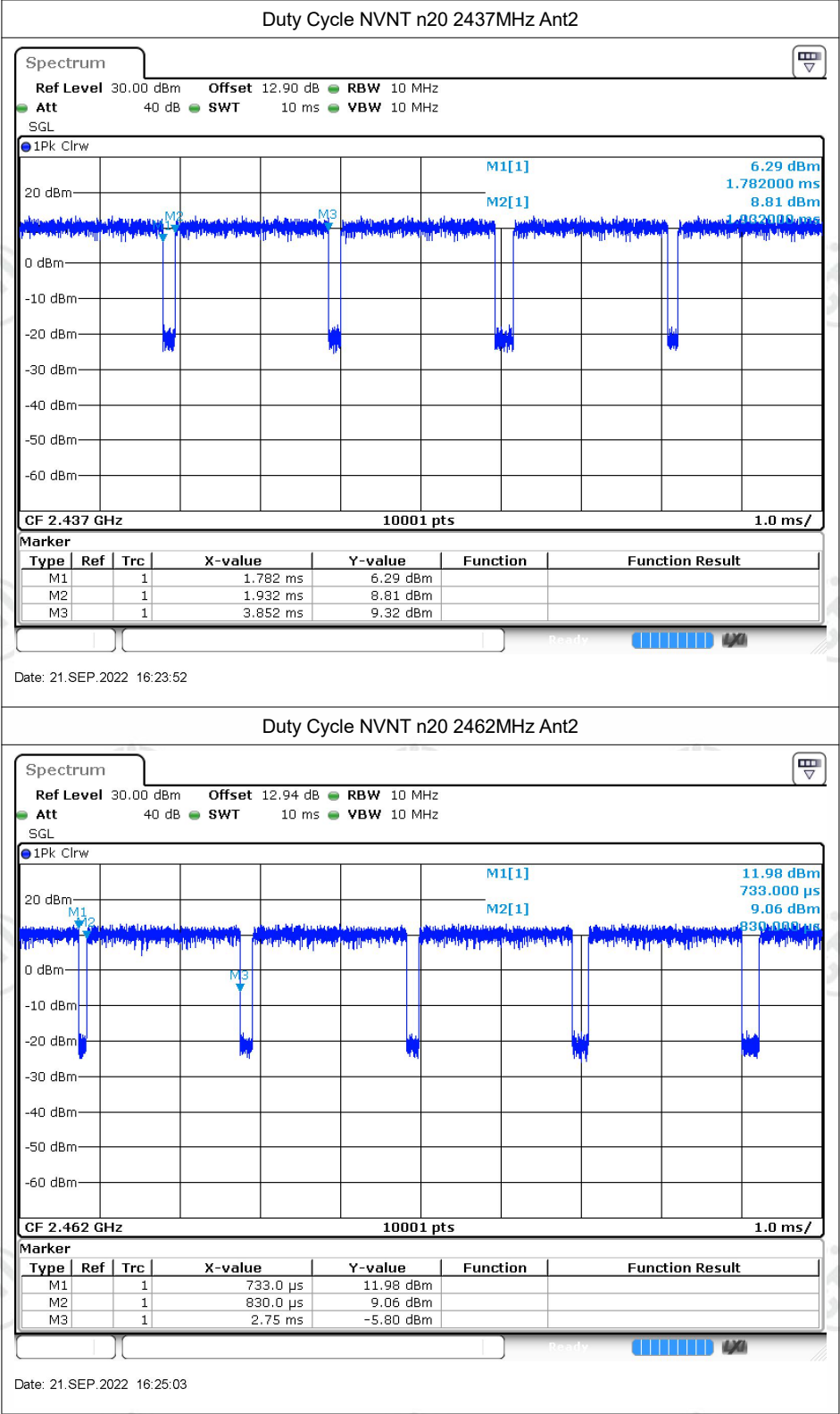


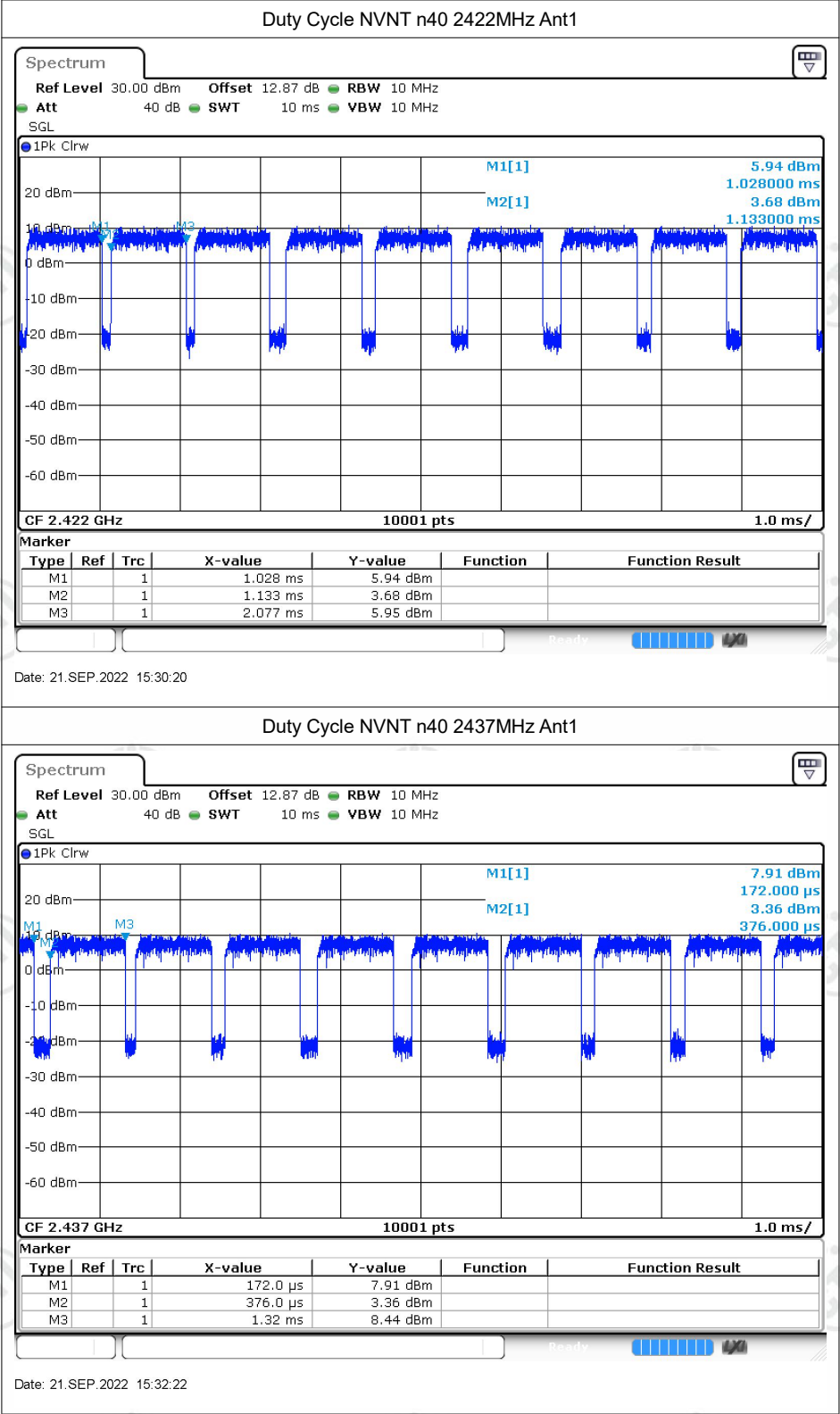


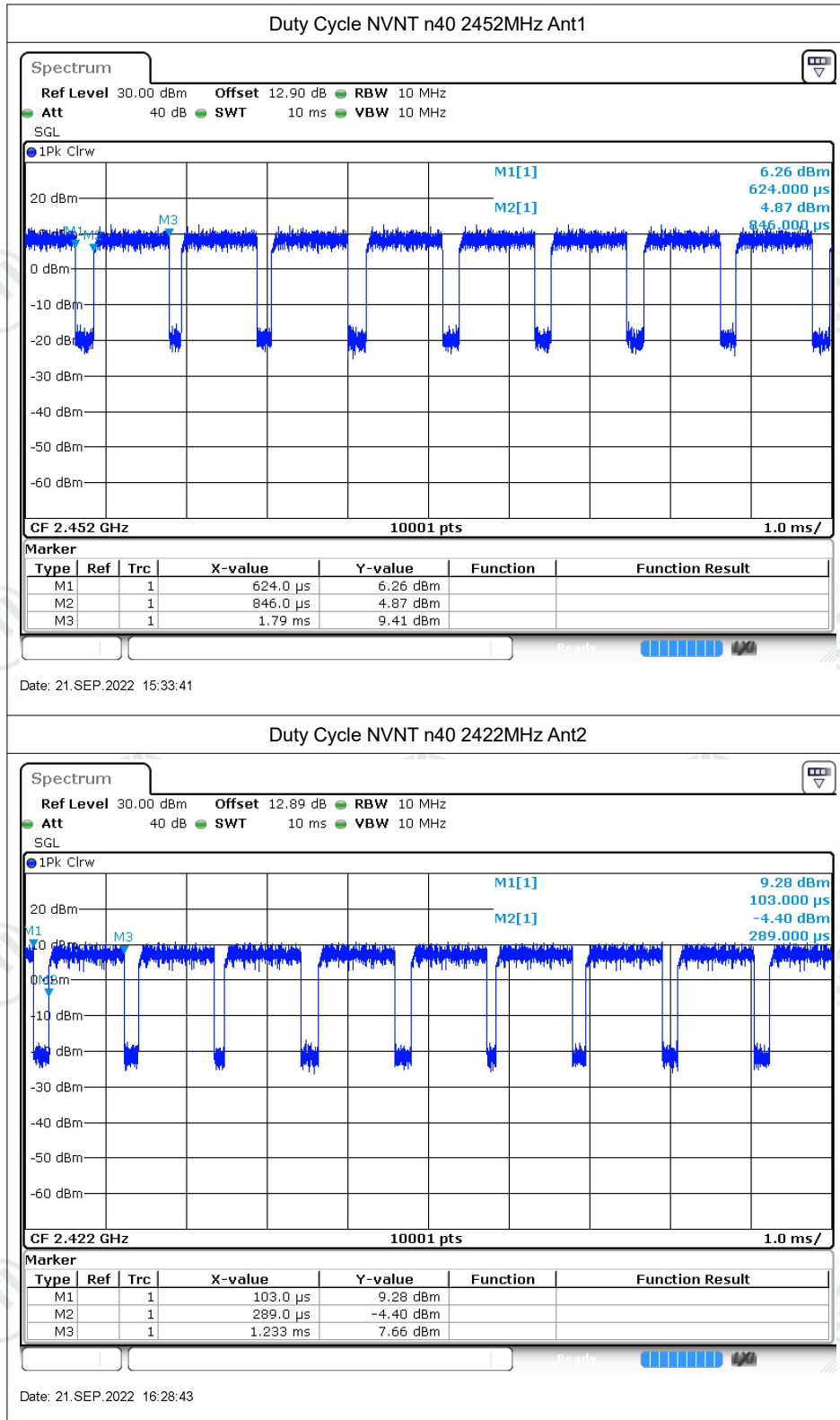


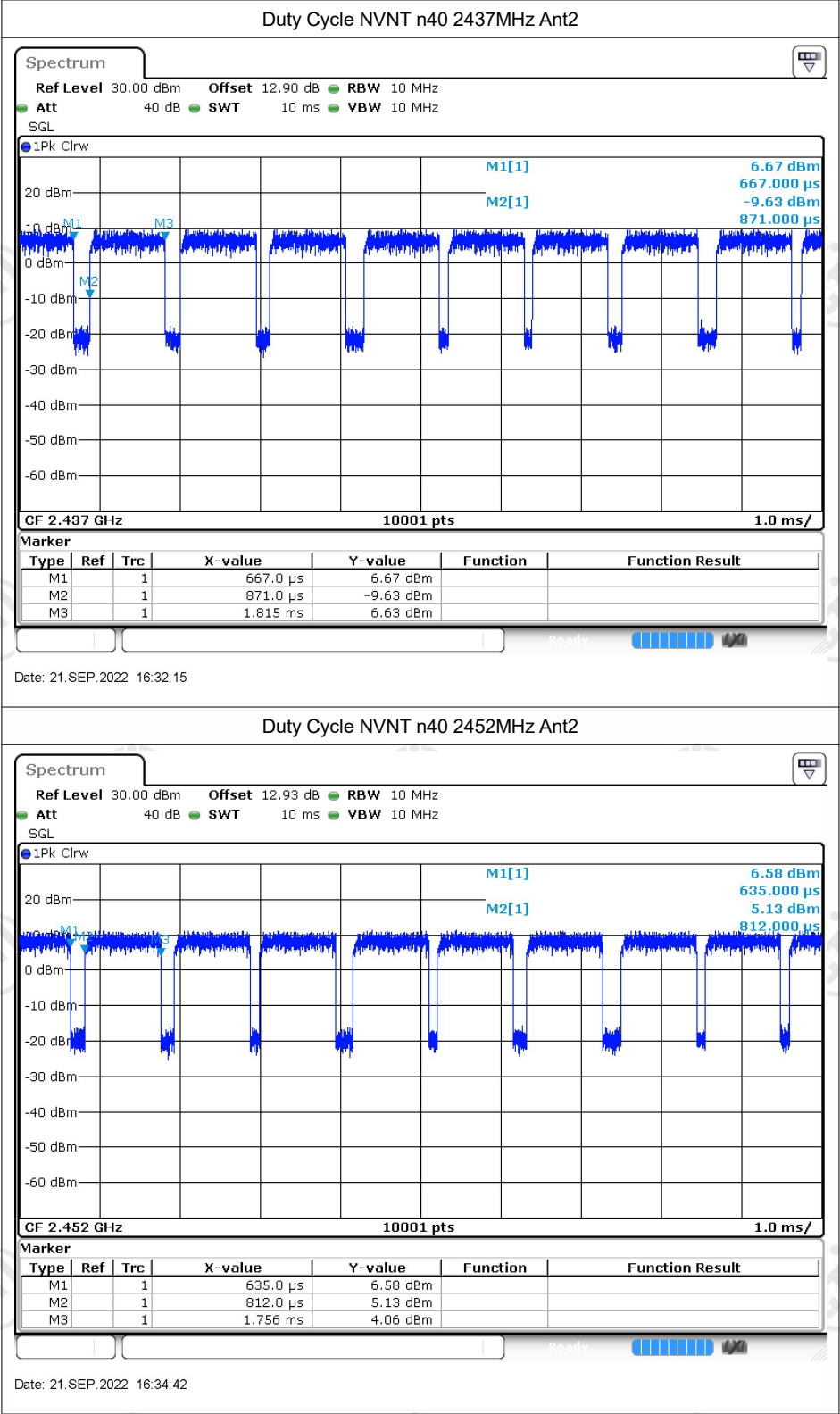












Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.21	0	16.21	30	Pass
NVNT	b	2437	Ant1	16.18	0	16.18	30	Pass
NVNT	b	2462	Ant1	16.26	0	16.26	30	Pass
NVNT	b	2412	Ant2	16.93	0	16.93	30	Pass
NVNT	b	2437	Ant2	17.07	0	17.07	30	Pass
NVNT	b	2462	Ant2	16.96	0	16.96	30	Pass
NVNT	g	2412	Ant1	15.84	0	15.84	30	Pass
NVNT	g	2437	Ant1	15.49	0	15.49	30	Pass
NVNT	g	2462	Ant1	15.65	0	15.65	30	Pass
NVNT	g	2412	Ant2	16.04	0	16.04	30	Pass
NVNT	g	2437	Ant2	15.98	0	15.98	30	Pass
NVNT	g	2462	Ant2	15.83	0	15.83	30	Pass
NVNT	n20	2412	Ant1	15.17	0	15.17	30	Pass
NVNT	n20	2437	Ant1	15.25	0	15.25	30	Pass
NVNT	n20	2462	Ant1	15.47	0	15.47	30	Pass
NVNT	n20	2412	Ant2	15.38	0	15.38	30	Pass
NVNT	n20	2437	Ant2	15.46	0	15.46	30	Pass
NVNT	n20	2462	Ant2	15.63	0	15.63	30	Pass
NVNT	n20	2412	Ant1	9.49	0	9.49	30	Pass
NVNT	n20	2412	Ant2	10.55	0	10.55	30	Pass
NVNT	n20	2412	Sum	13.06	0	13.06	30	Pass
NVNT	n20	2437	Ant1	9.01	0	9.01	30	Pass
NVNT	n20	2437	Ant2	10.55	0	10.55	30	Pass
NVNT	n20	2437	Sum	12.86	0	12.86	30	Pass
NVNT	n20	2462	Ant1	9.06	0	9.06	30	Pass
NVNT	n20	2462	Ant2	11.03	0	11.03	30	Pass
NVNT	n20	2462	Sum	13.17	0	13.17	30	Pass
NVNT	n40	2422	Ant1	14.8	0	14.8	30	Pass
NVNT	n40	2437	Ant1	14.8	0	14.8	30	Pass
NVNT	n40	2452	Ant1	14.79	0	14.79	30	Pass
NVNT	n40	2422	Ant2	14.83	0	14.83	30	Pass
NVNT	n40	2437	Ant2	14.63	0	14.63	30	Pass
NVNT	n40	2452	Ant2	14.98	0	14.98	30	Pass
NVNT	n40	2422	Ant1	8.17	0	8.17	30	Pass

NVNT	n40	2422	Ant2	9.45	0	9.45	30	Pass
NVNT	n40	2422	Sum	11.87	0	11.87	30	Pass
NVNT	n40	2437	Ant1	8.12	0	8.12	30	Pass
NVNT	n40	2437	Ant2	9.86	0	9.86	30	Pass
NVNT	n40	2437	Sum	12.09	0	12.09	30	Pass
NVNT	n40	2452	Ant1	8.07	0	8.07	30	Pass
NVNT	n40	2452	Ant2	10.03	0	10.03	30	Pass
NVNT	n40	2452	Sum	12.17	0	12.17	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.08	0.5	Pass
NVNT	b	2437	Ant1	10.068	0.5	Pass
NVNT	b	2462	Ant1	10.053	0.5	Pass
NVNT	b	2412	Ant2	10.089	0.5	Pass
NVNT	b	2437	Ant2	10.068	0.5	Pass
NVNT	b	2462	Ant2	10.074	0.5	Pass
NVNT	g	2412	Ant1	15.12	0.5	Pass
NVNT	g	2437	Ant1	15.111	0.5	Pass
NVNT	g	2462	Ant1	15.306	0.5	Pass
NVNT	g	2412	Ant2	14.763	0.5	Pass
NVNT	g	2437	Ant2	13.752	0.5	Pass
NVNT	g	2462	Ant2	14.028	0.5	Pass
NVNT	n20	2412	Ant1	15.069	0.5	Pass
NVNT	n20	2437	Ant1	15.102	0.5	Pass
NVNT	n20	2462	Ant1	15.108	0.5	Pass
NVNT	n20	2412	Ant2	15.054	0.5	Pass
NVNT	n20	2437	Ant2	15.084	0.5	Pass
NVNT	n20	2462	Ant2	15.084	0.5	Pass
NVNT	n40	2422	Ant1	34.974	0.5	Pass
NVNT	n40	2437	Ant1	35.094	0.5	Pass
NVNT	n40	2452	Ant1	32.568	0.5	Pass
NVNT	n40	2422	Ant2	35.058	0.5	Pass
NVNT	n40	2437	Ant2	35.052	0.5	Pass
NVNT	n40	2452	Ant2	35.01	0.5	Pass