

Appendix:2.4G Wi-Fi

Contents

Duty Cycle 3

Maximum Peak Conducted Output Power 10

-6dB Bandwidth 11

Occupied Channel Bandwidth 18

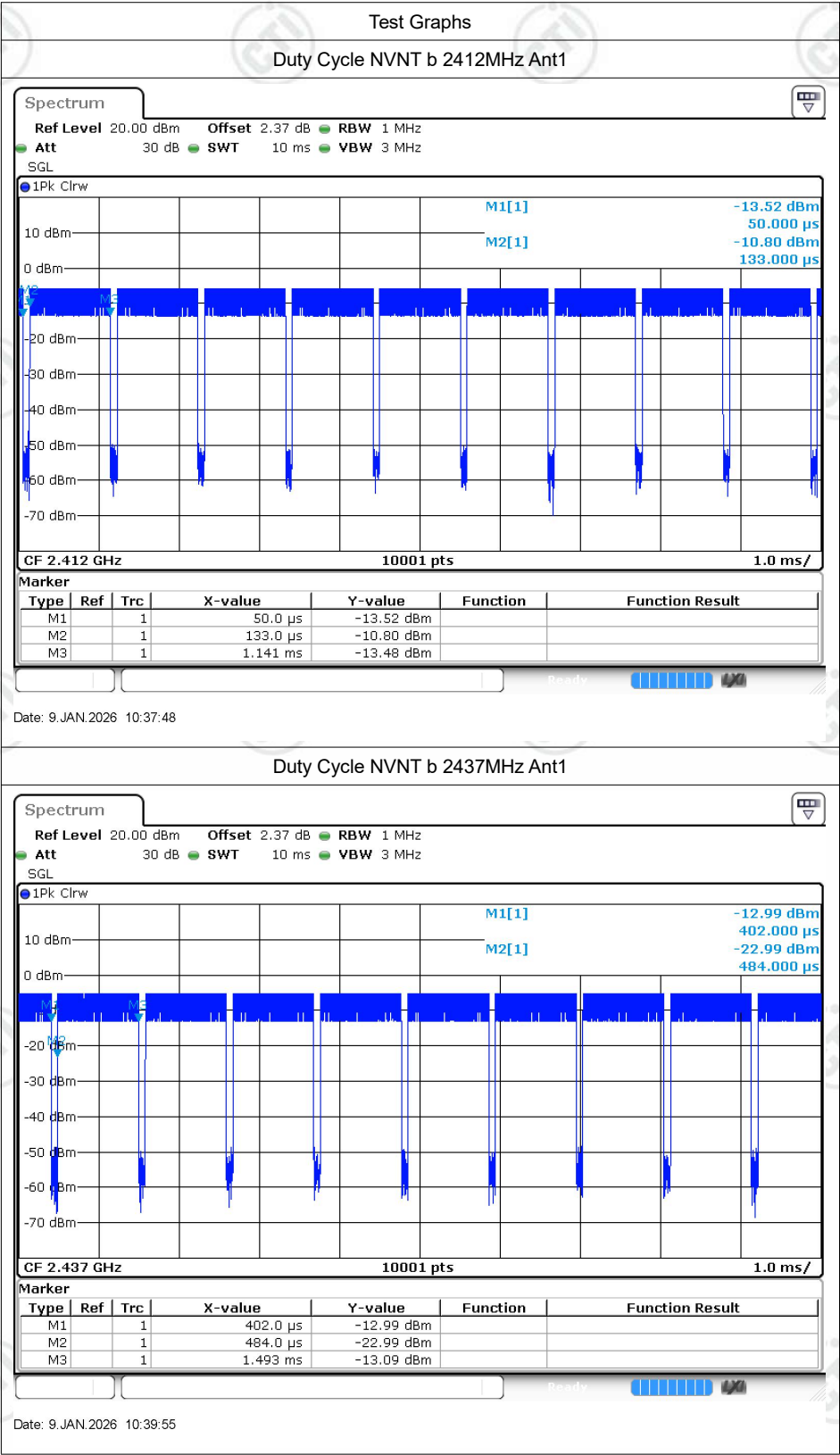
Maximum Power Spectral Density Level 25

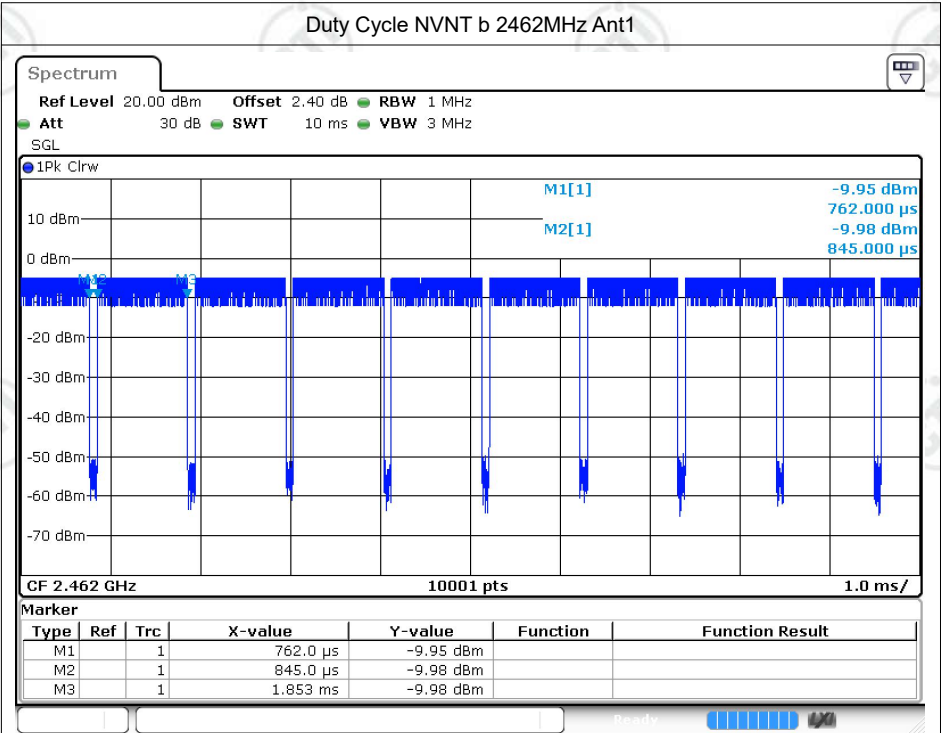
Band Edge 32

Conducted RF Spurious Emission 41

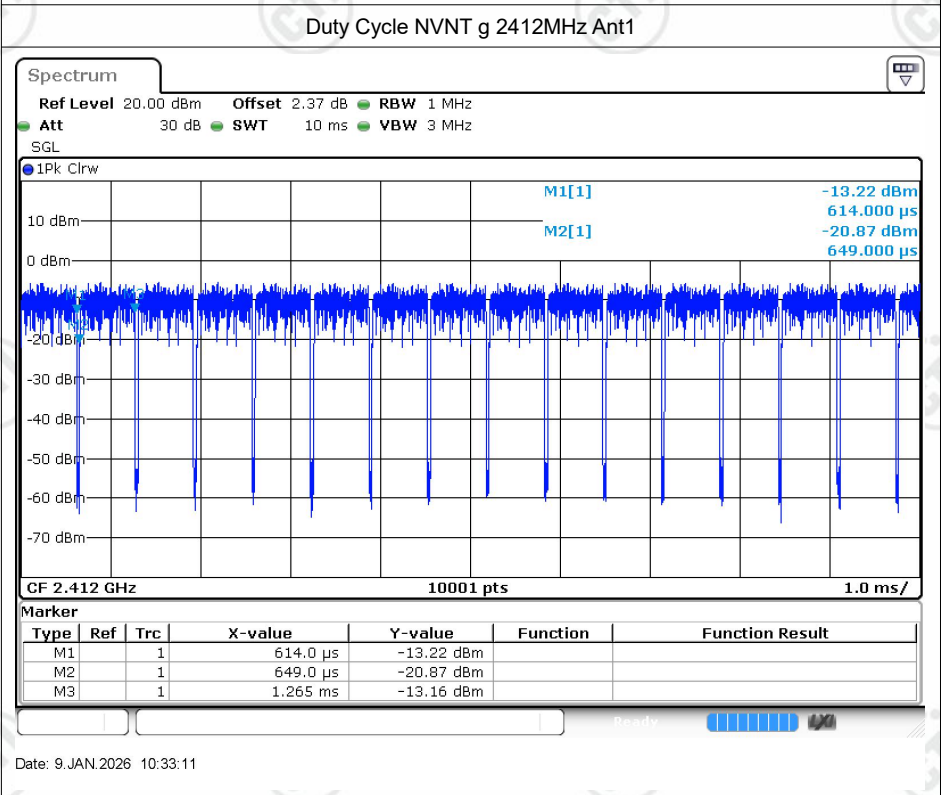
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	92.39	0.34	0.99
NVNT	b	2437	Ant1	92.48	0.34	0.99
NVNT	b	2462	Ant1	92.39	0.34	0.99
NVNT	g	2412	Ant1	94.62	0.24	1.62
NVNT	g	2437	Ant1	94.62	0.24	1.62
NVNT	g	2462	Ant1	94.62	0.24	1.62
NVNT	n20	2412	Ant1	94.74	0.23	1.63
NVNT	n20	2437	Ant1	94.59	0.24	1.63
NVNT	n20	2462	Ant1	94.74	0.23	1.63
NVNT	n40	2422	Ant1	94.74	0.23	1.63
NVNT	n40	2437	Ant1	94.59	0.24	1.63
NVNT	n40	2452	Ant1	94.59	0.24	1.63

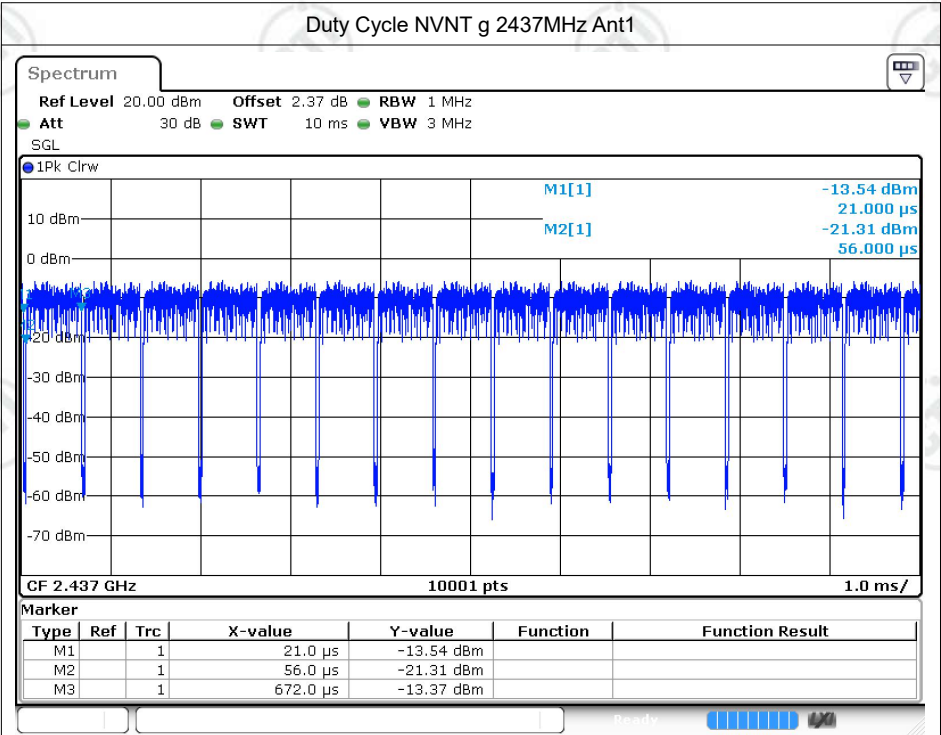




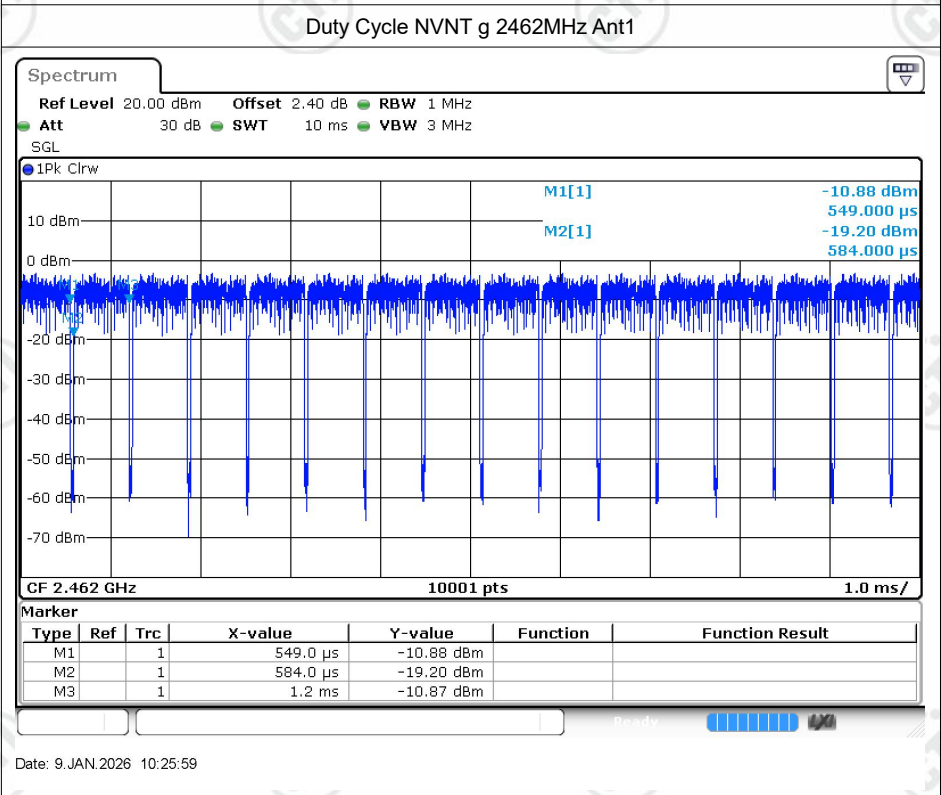
Date: 9 JAN 2026 10:41:32



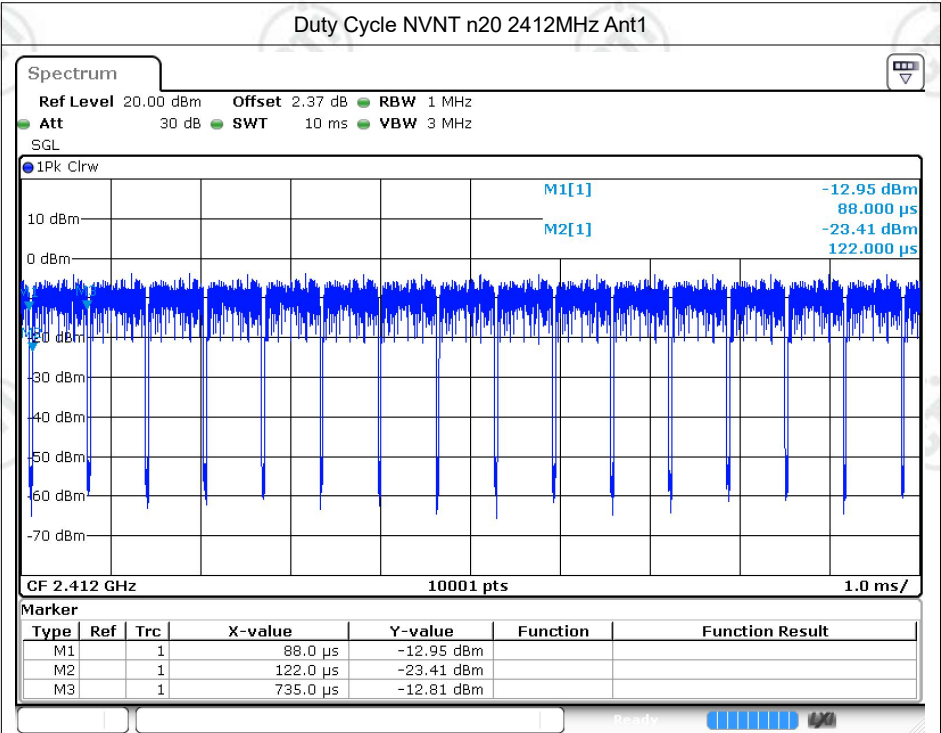
Date: 9 JAN 2026 10:33:11



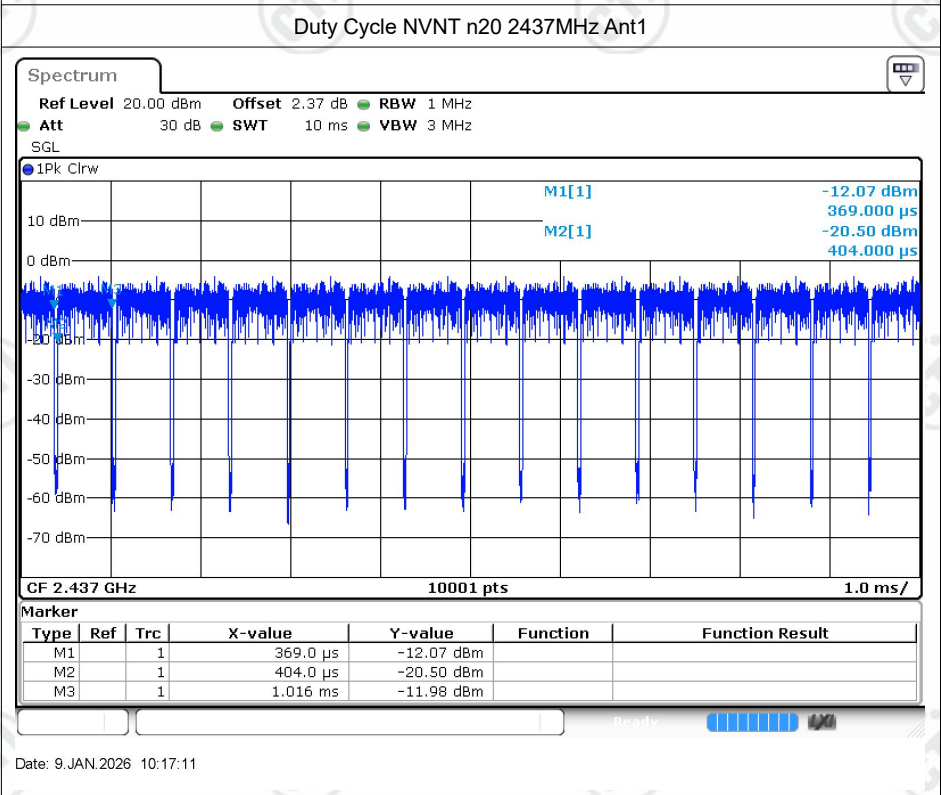
Date: 9 JAN 2026 10:30:05



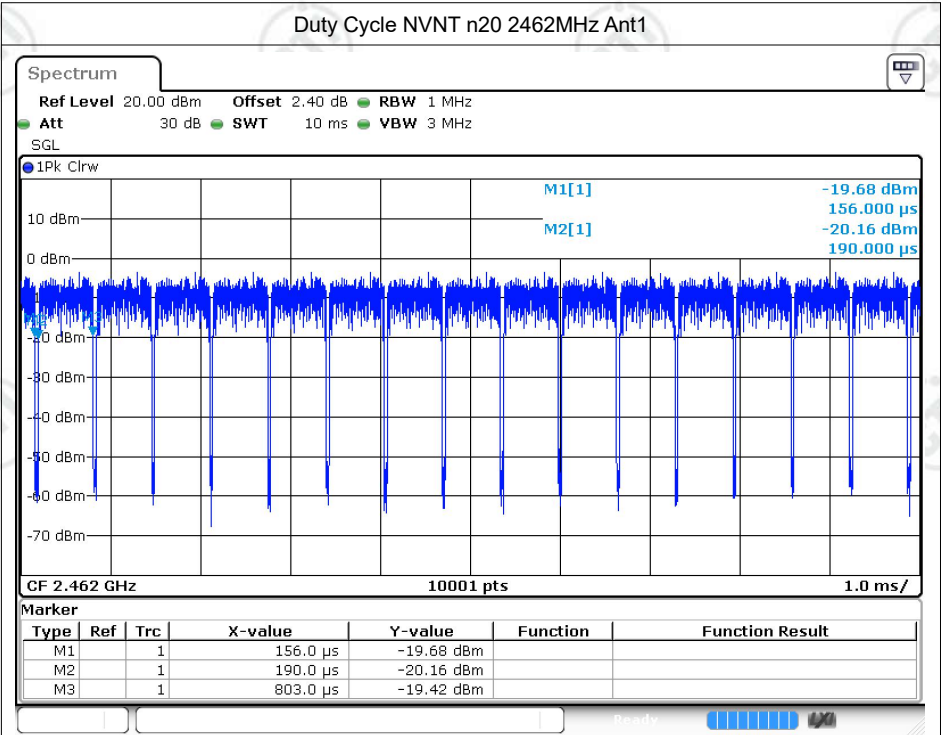
Date: 9 JAN 2026 10:25:59



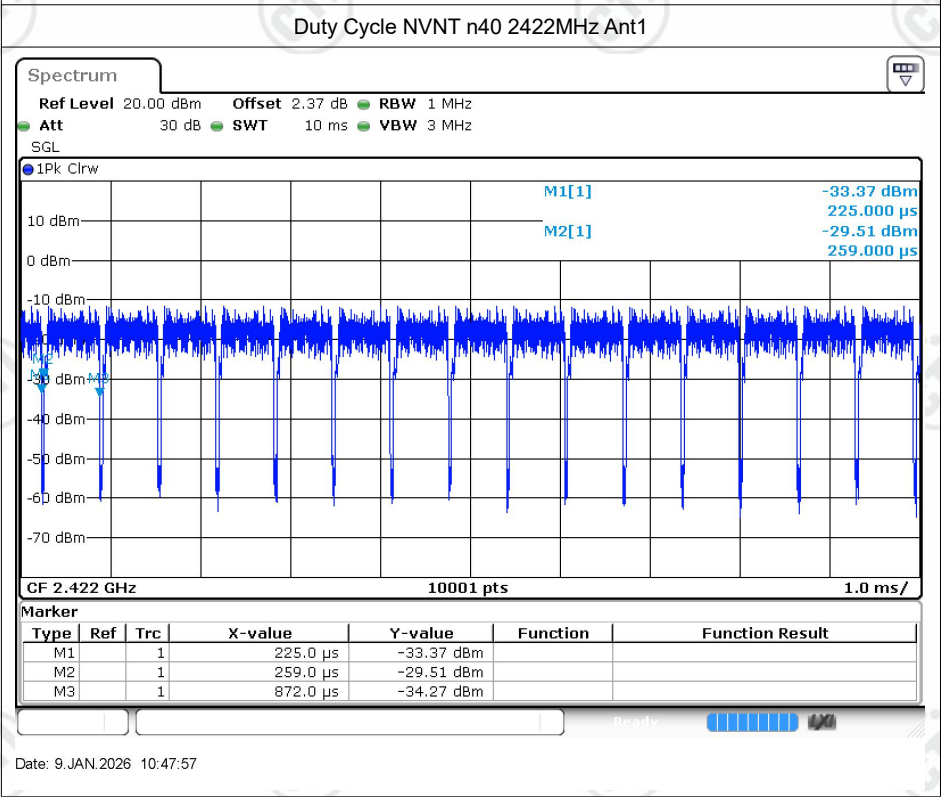
Date: 9 JAN 2026 10:20:40



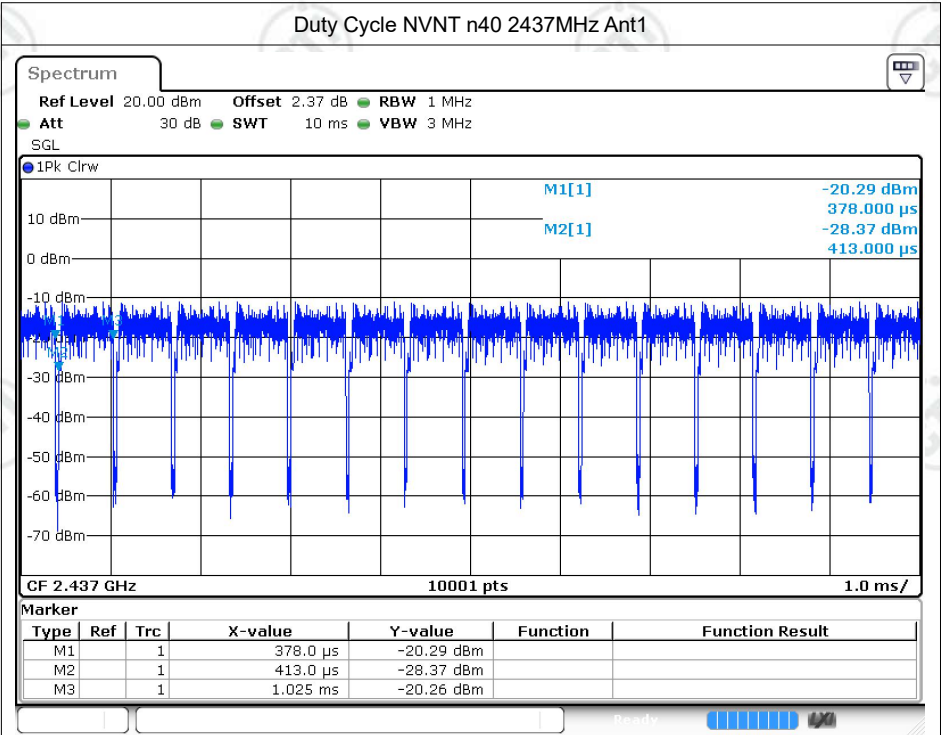
Date: 9 JAN 2026 10:17:11



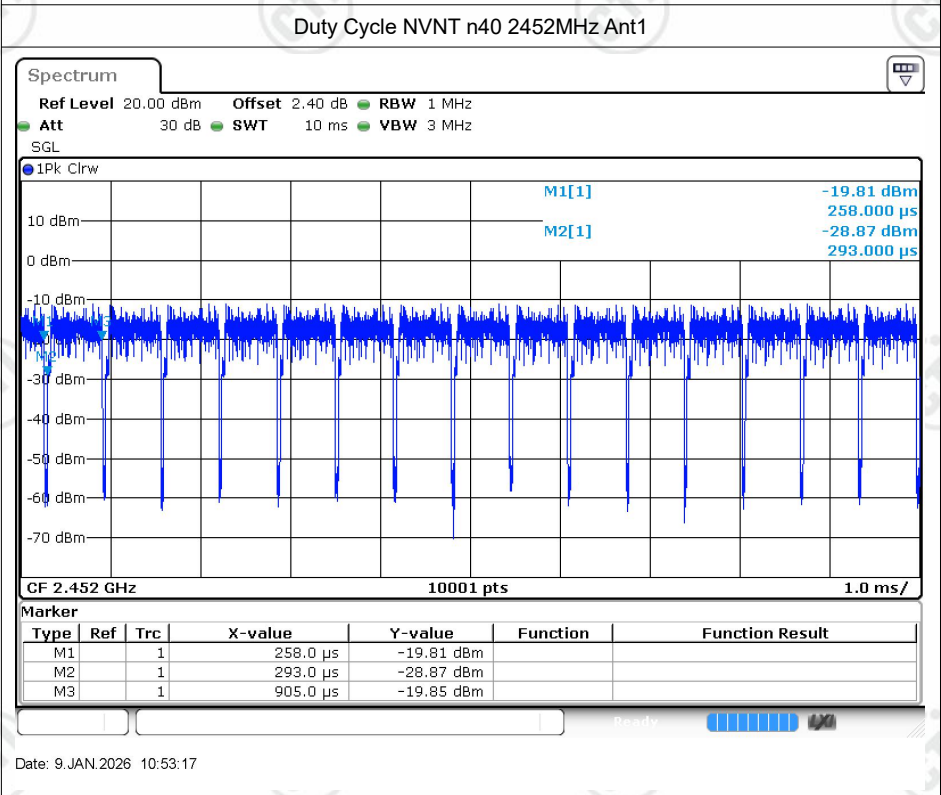
Date: 9 JAN 2026 10:43:38



Date: 9 JAN 2026 10:47:57



Date: 9 JAN 2026 10:50:24



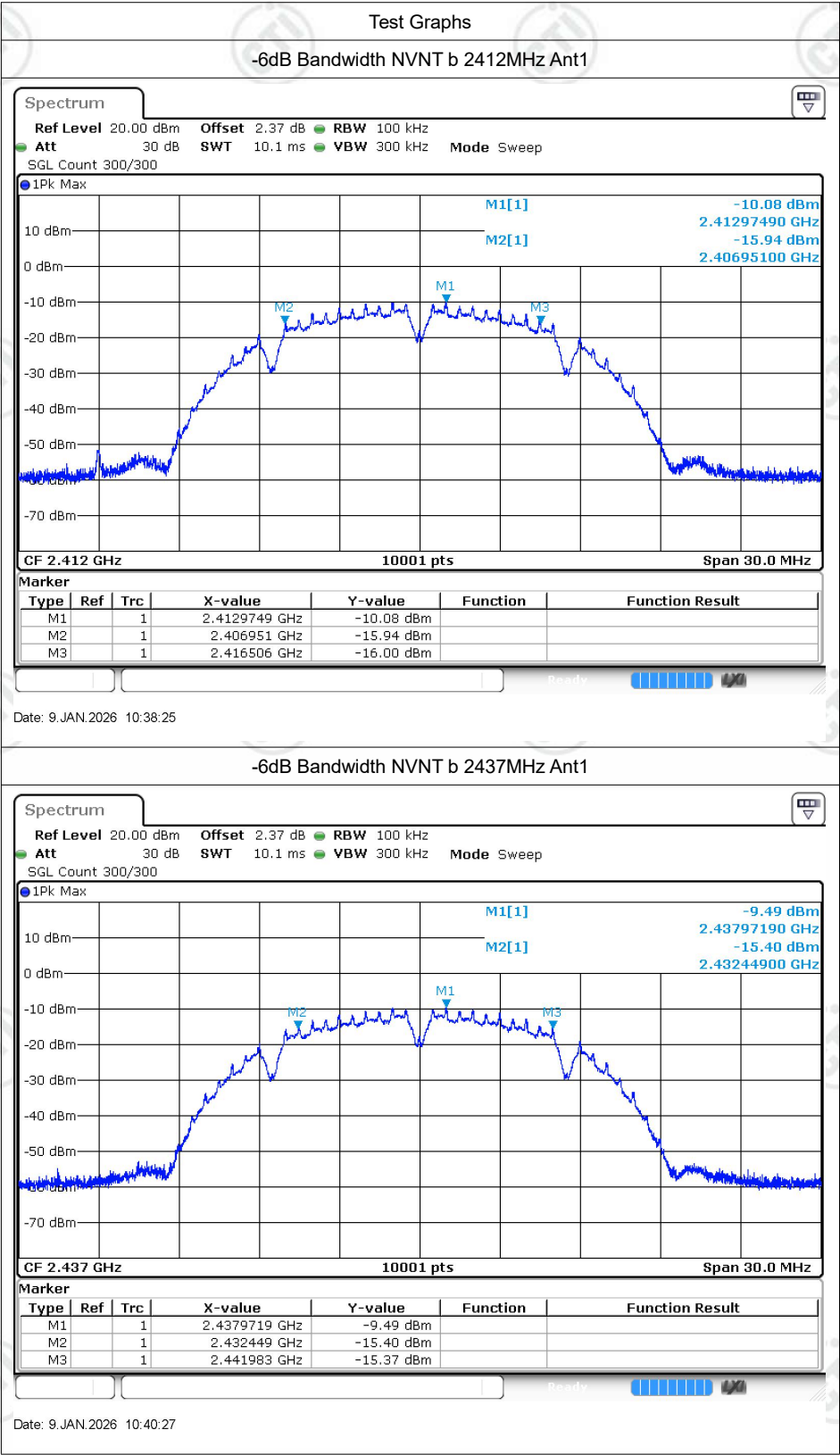
Date: 9 JAN 2026 10:53:17

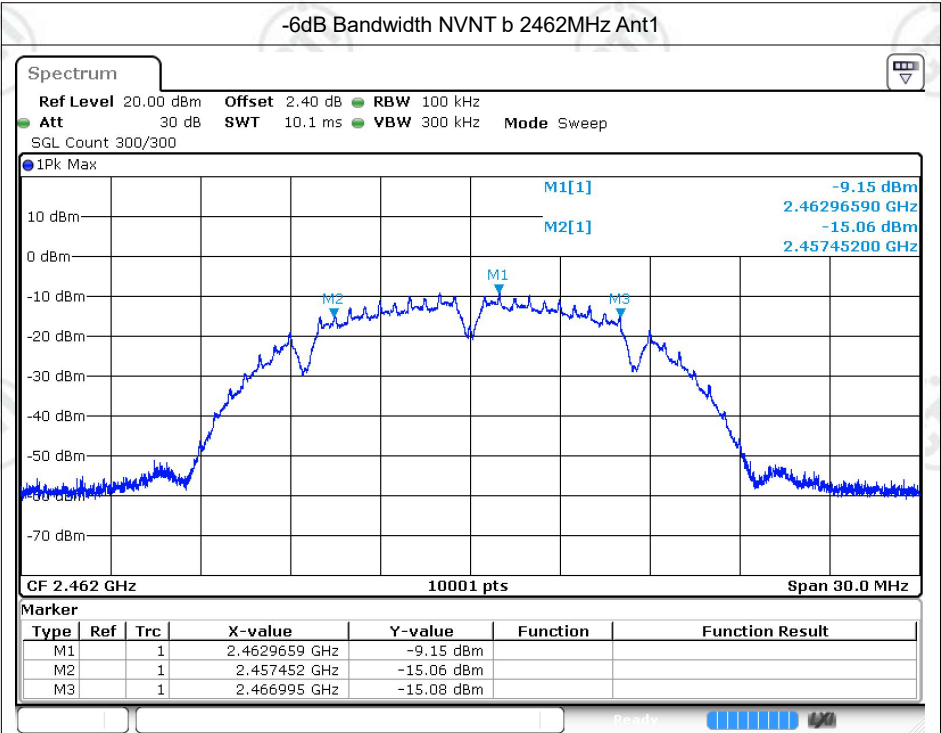
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	0.93	30	Pass
NVNT	b	2437	Ant1	0.45	30	Pass
NVNT	b	2462	Ant1	0.74	30	Pass
NVNT	g	2412	Ant1	0.35	30	Pass
NVNT	g	2437	Ant1	-0.08	30	Pass
NVNT	g	2462	Ant1	0.21	30	Pass
NVNT	n20	2412	Ant1	0.21	30	Pass
NVNT	n20	2437	Ant1	0.84	30	Pass
NVNT	n20	2462	Ant1	0.7	30	Pass
NVNT	n40	2422	Ant1	0.09	30	Pass
NVNT	n40	2437	Ant1	0	30	Pass
NVNT	n40	2452	Ant1	-0.37	30	Pass

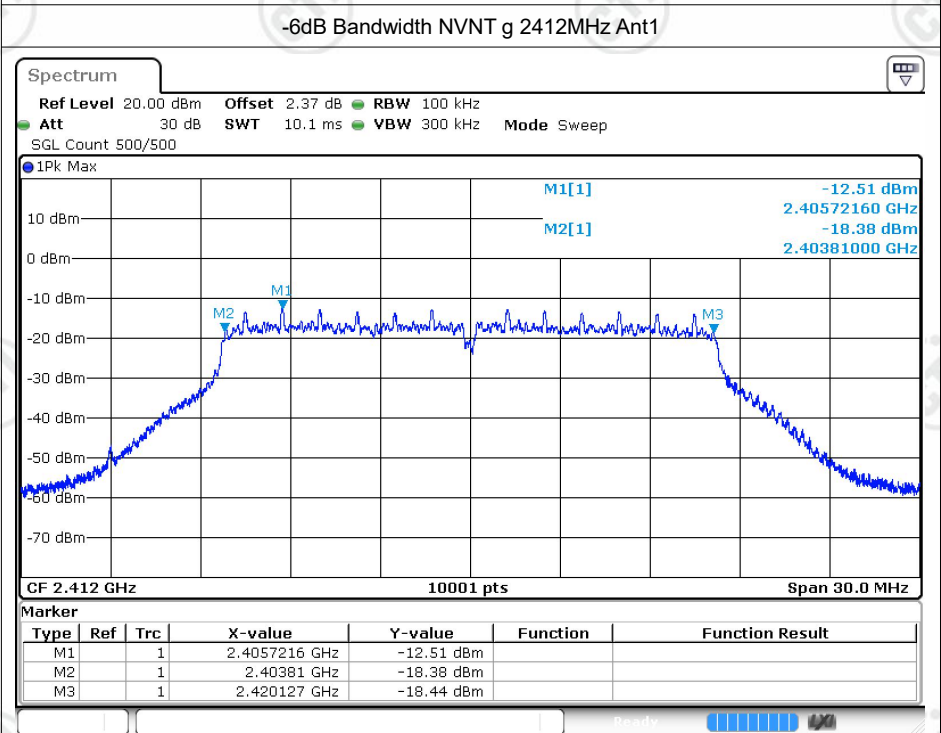
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.555	0.5	Pass
NVNT	b	2437	Ant1	9.534	0.5	Pass
NVNT	b	2462	Ant1	9.543	0.5	Pass
NVNT	g	2412	Ant1	16.317	0.5	Pass
NVNT	g	2437	Ant1	16.044	0.5	Pass
NVNT	g	2462	Ant1	16.32	0.5	Pass
NVNT	n20	2412	Ant1	16.902	0.5	Pass
NVNT	n20	2437	Ant1	16.899	0.5	Pass
NVNT	n20	2462	Ant1	17.544	0.5	Pass
NVNT	n40	2422	Ant1	35.118	0.5	Pass
NVNT	n40	2437	Ant1	35.028	0.5	Pass
NVNT	n40	2452	Ant1	35.028	0.5	Pass

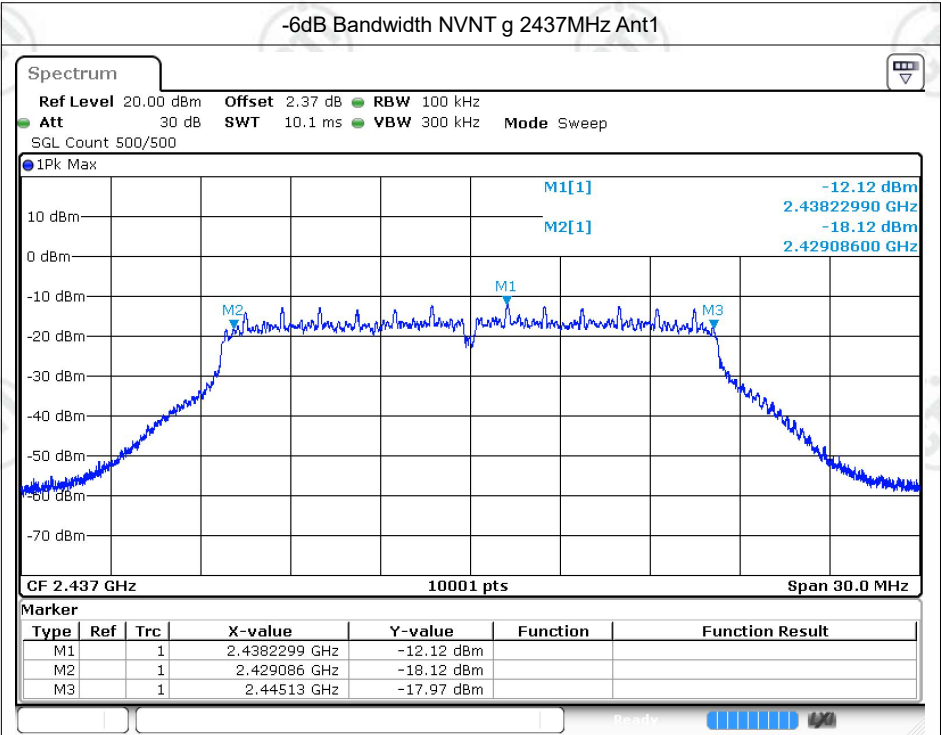




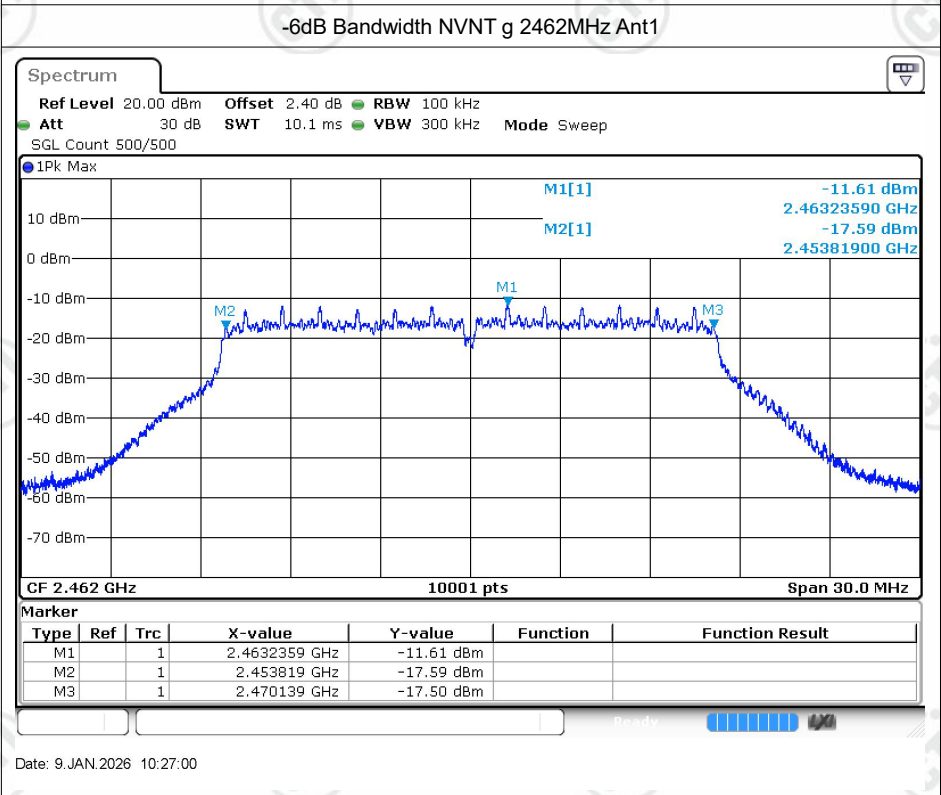
Date: 9 JAN 2026 10:42:05



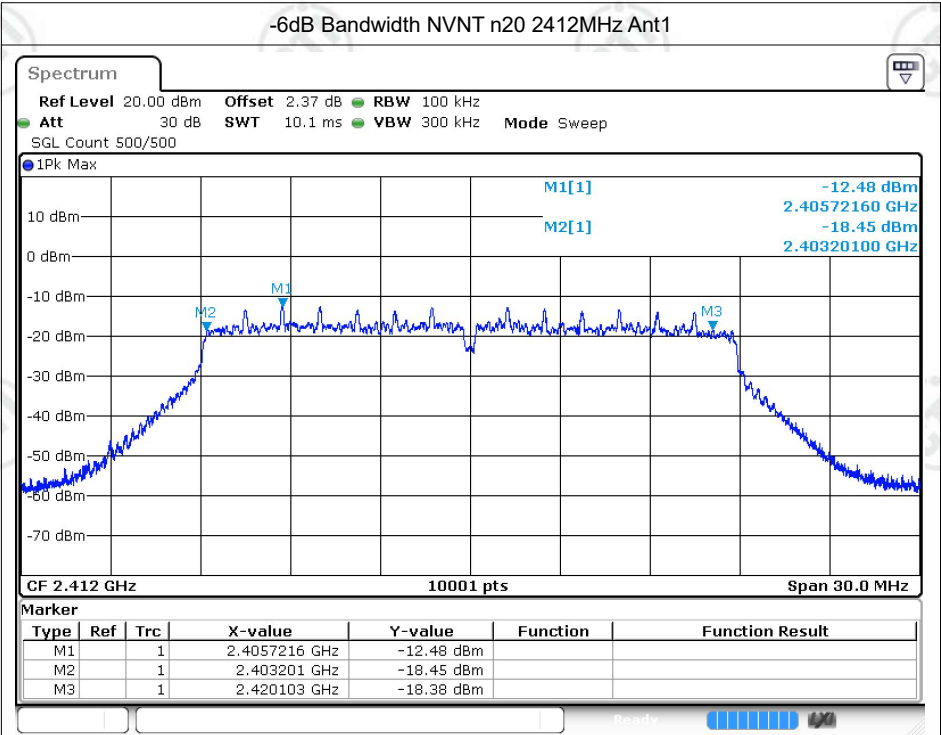
Date: 9 JAN 2026 10:34:05



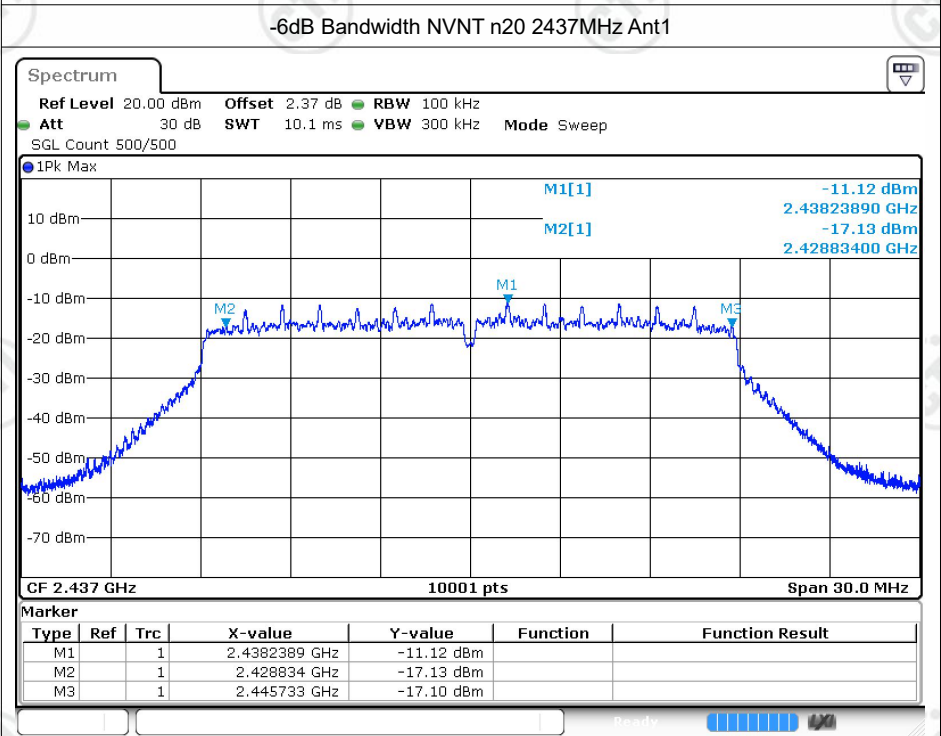
Date: 9 JAN 2026 10:30:45



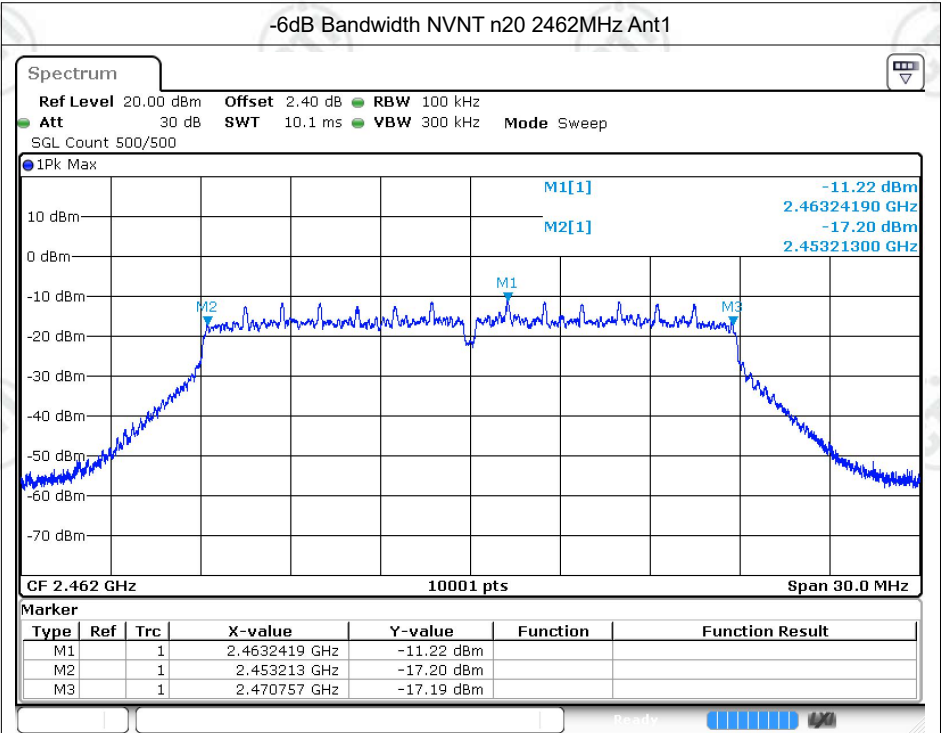
Date: 9 JAN 2026 10:27:00



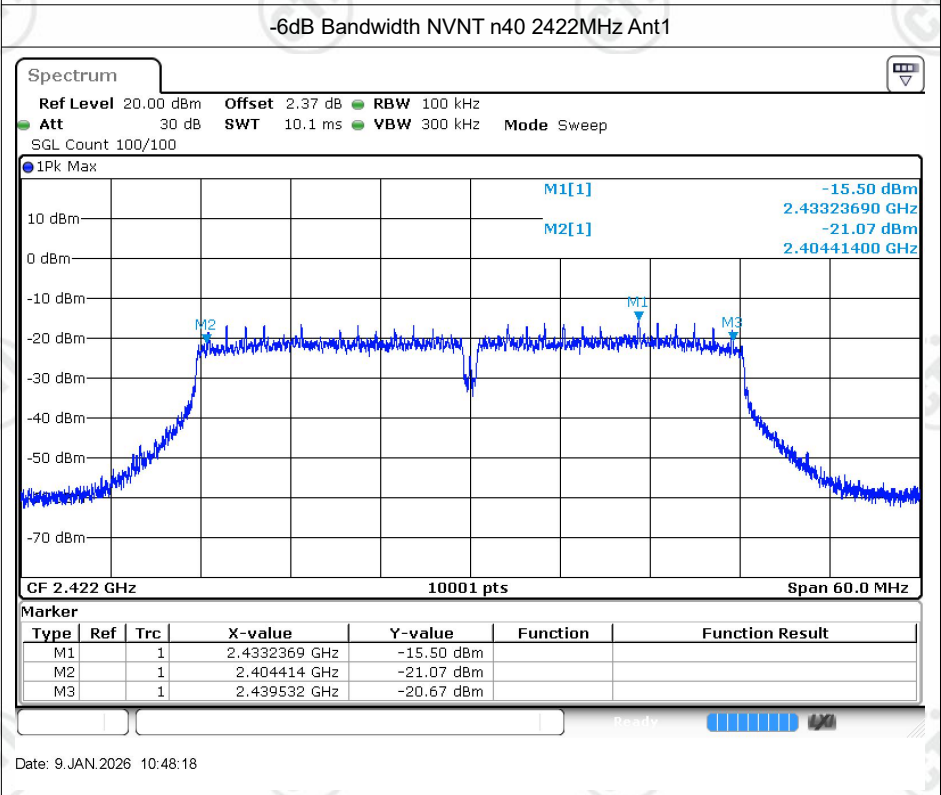
Date: 9 JAN 2026 10:22:56



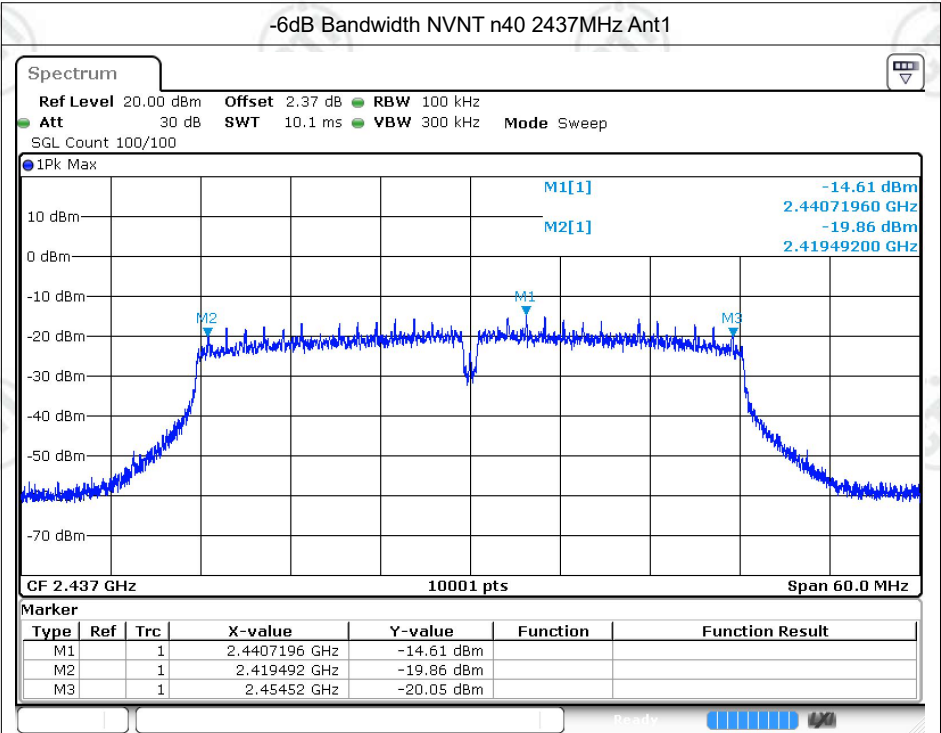
Date: 9 JAN 2026 10:17:54



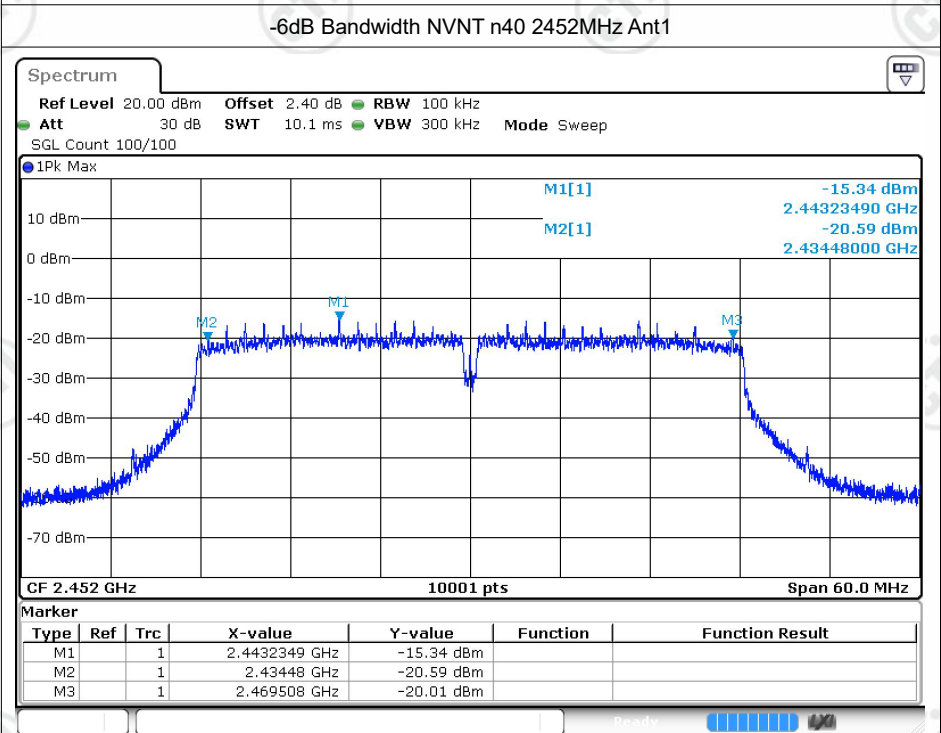
Date: 9 JAN 2026 10:44:54



Date: 9 JAN 2026 10:48:18



Date: 9 JAN 2026 10:51:02



Date: 9 JAN 2026 10:53:41

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.061
NVNT	b	2437	Ant1	13.001
NVNT	b	2462	Ant1	13.076
NVNT	g	2412	Ant1	16.717
NVNT	g	2437	Ant1	16.648
NVNT	g	2462	Ant1	16.738
NVNT	n20	2412	Ant1	17.824
NVNT	n20	2437	Ant1	17.767
NVNT	n20	2462	Ant1	17.83
NVNT	n40	2422	Ant1	36.38
NVNT	n40	2437	Ant1	36.104
NVNT	n40	2452	Ant1	36.308

