

Appendix: 2.4G Wi-Fi

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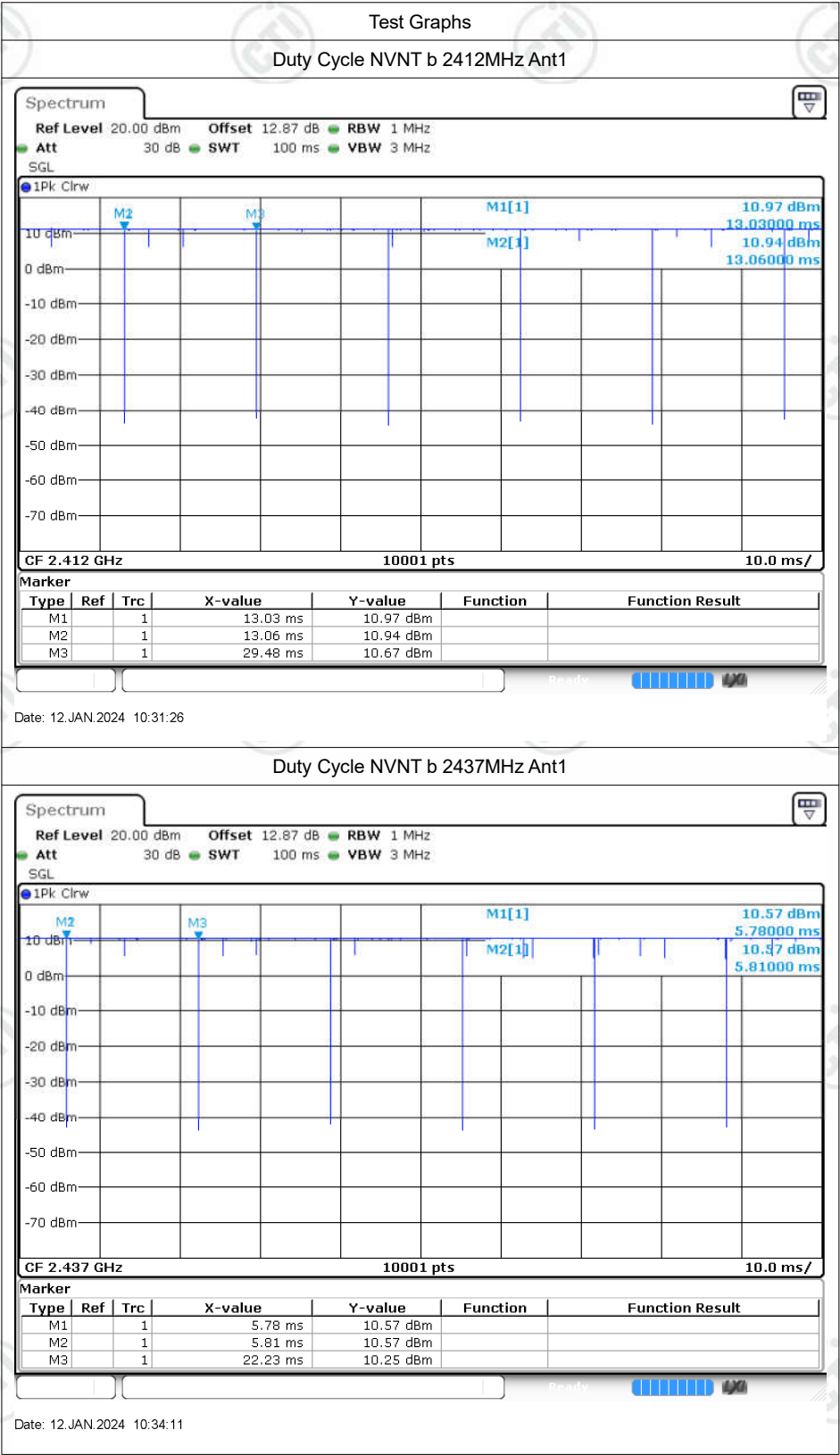
Maximum Power Spectral Density Level 22

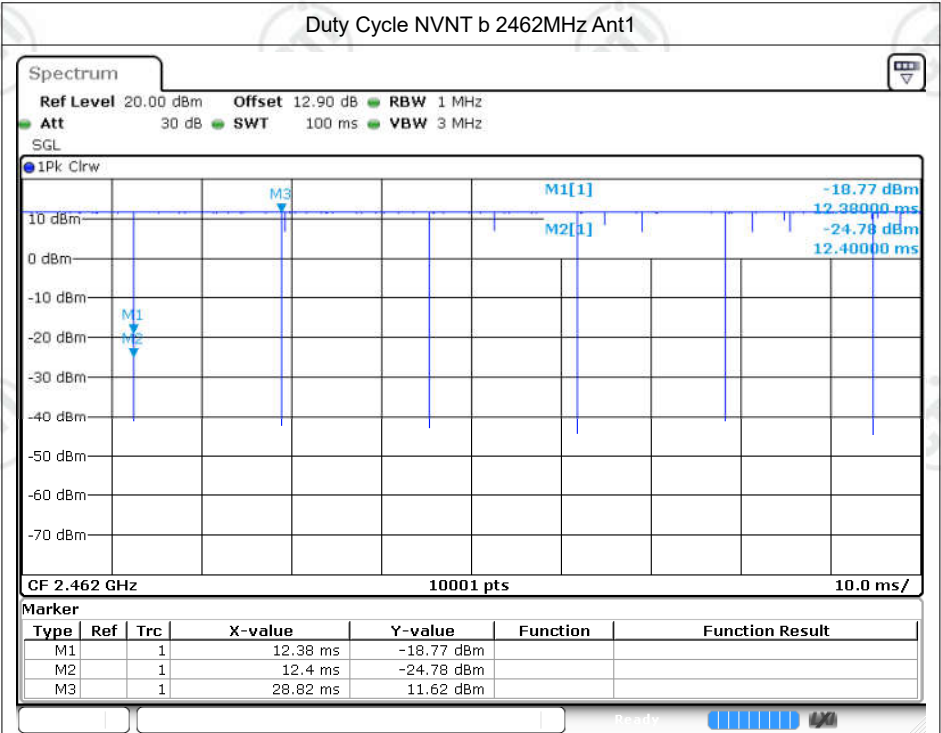
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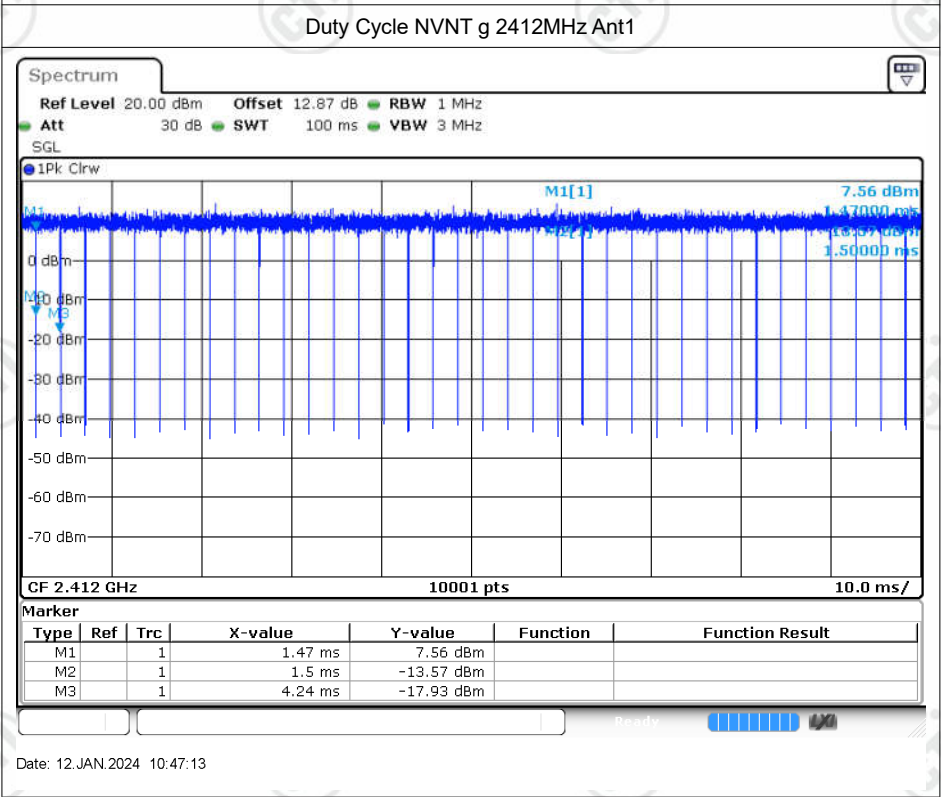
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.82	0	0.06
NVNT	b	2437	Ant1	99.82	0	0.06
NVNT	b	2462	Ant1	99.88	0	0.06
NVNT	g	2412	Ant1	98.92	0	0.36
NVNT	g	2437	Ant1	98.56	0	0.37
NVNT	g	2462	Ant1	98.91	0	0.37
NVNT	n20	2412	Ant1	98.64	0	0.39
NVNT	n20	2437	Ant1	98.64	0	0.39
NVNT	n20	2462	Ant1	98.64	0	0.39

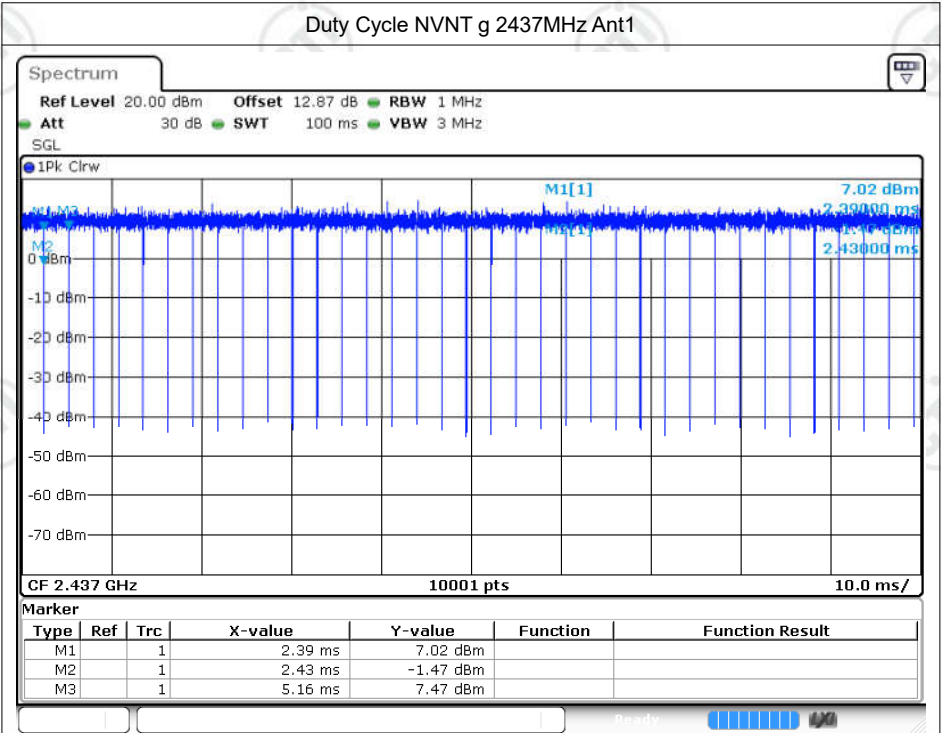




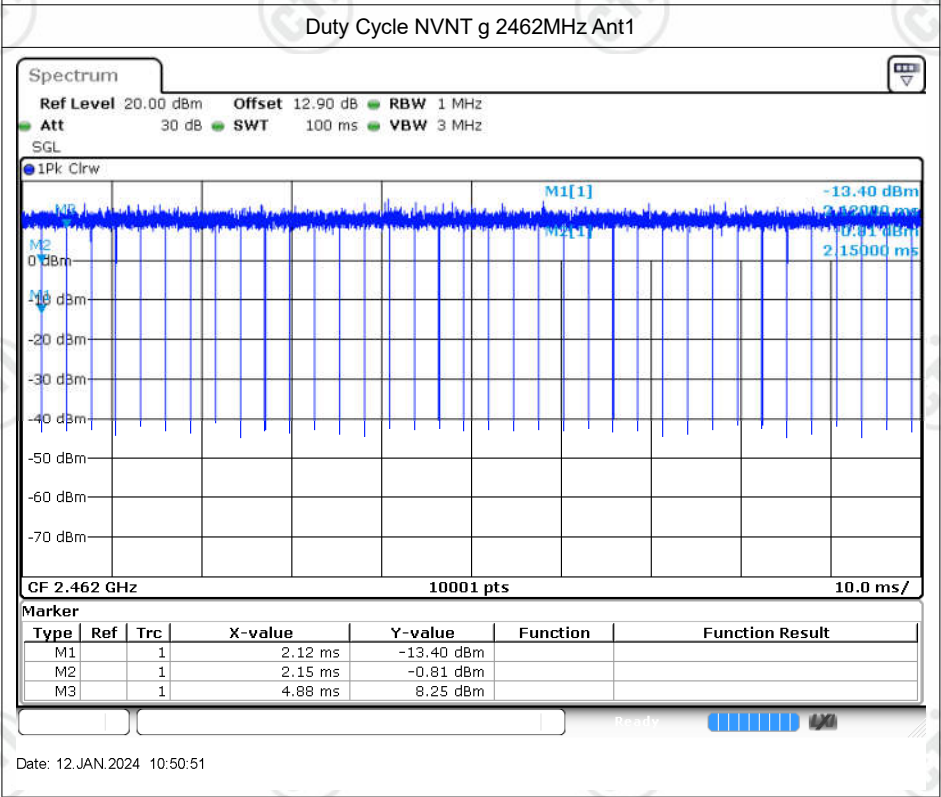
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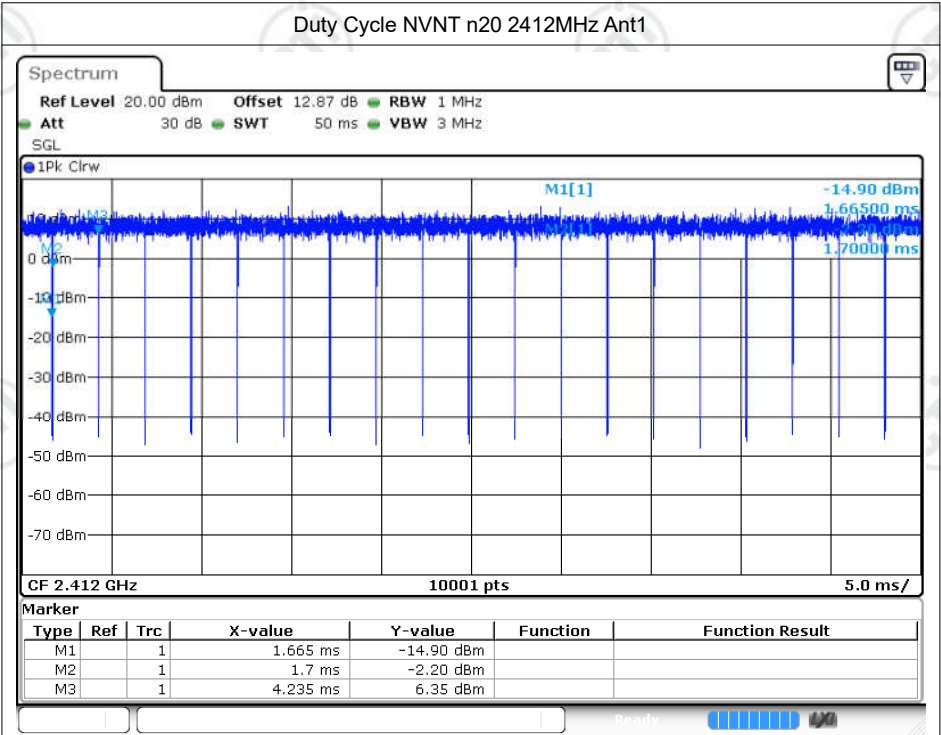
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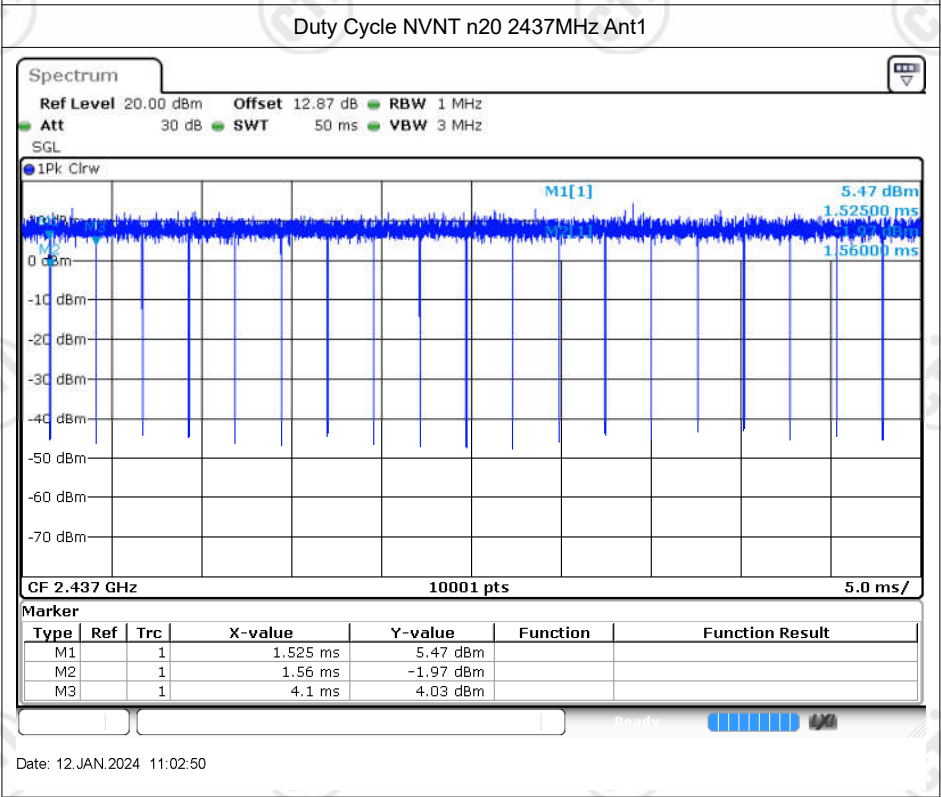
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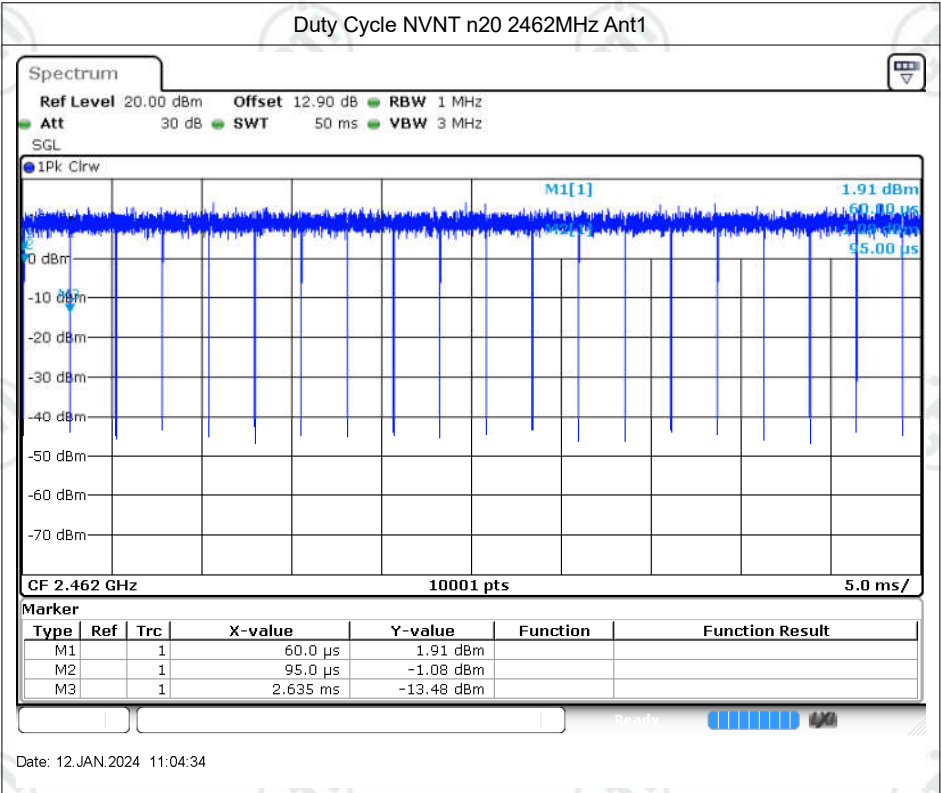
Date: 12.JAN.2024 10:50:51



Date: 12. JAN. 2024 10:52:40



Date: 12. JAN. 2024 11:02:50

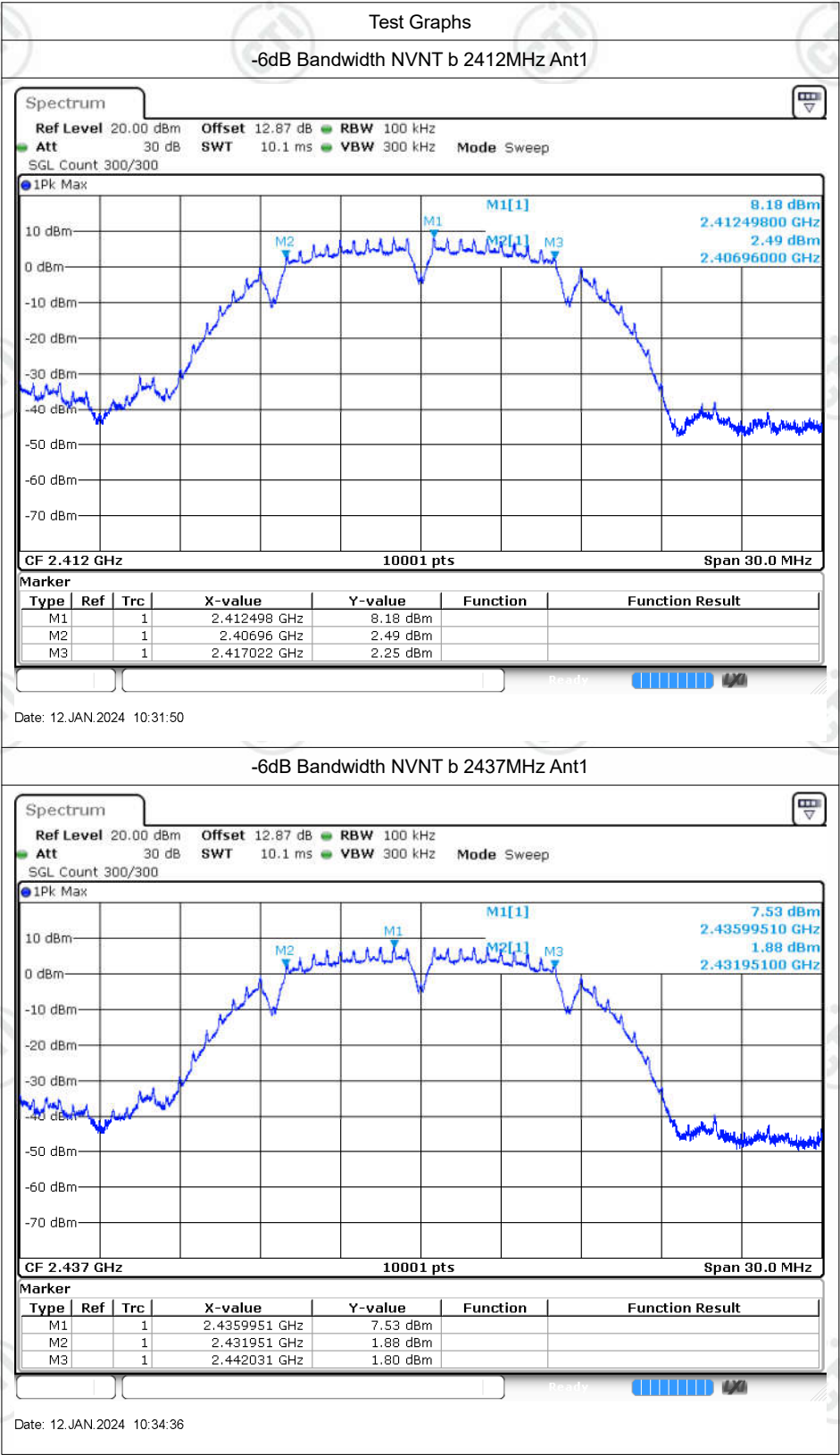


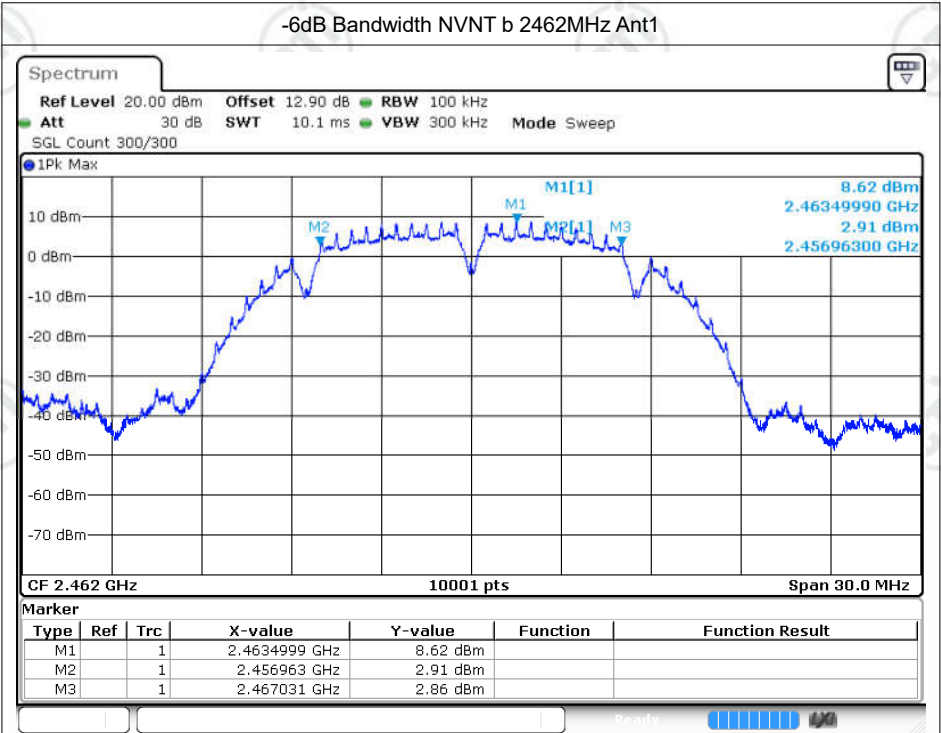
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	19.18	30	Pass
NVNT	b	2437	Ant1	18.61	30	Pass
NVNT	b	2462	Ant1	19.56	30	Pass
NVNT	g	2412	Ant1	18.78	30	Pass
NVNT	g	2437	Ant1	18.57	30	Pass
NVNT	g	2462	Ant1	19.12	30	Pass
NVNT	n20	2412	Ant1	18.28	30	Pass
NVNT	n20	2437	Ant1	18.00	30	Pass
NVNT	n20	2462	Ant1	18.87	30	Pass

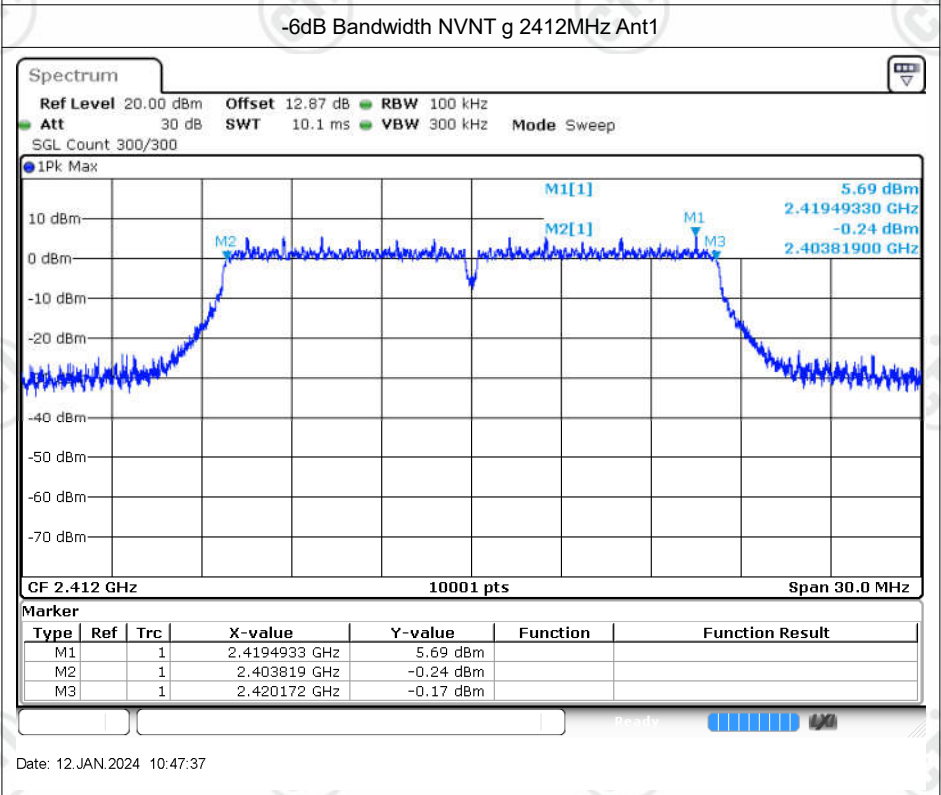
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.062	0.5	Pass
NVNT	b	2437	Ant1	10.08	0.5	Pass
NVNT	b	2462	Ant1	10.068	0.5	Pass
NVNT	g	2412	Ant1	16.353	0.5	Pass
NVNT	g	2437	Ant1	16.356	0.5	Pass
NVNT	g	2462	Ant1	16.356	0.5	Pass
NVNT	n20	2412	Ant1	17.592	0.5	Pass
NVNT	n20	2437	Ant1	17.586	0.5	Pass
NVNT	n20	2462	Ant1	17.592	0.5	Pass

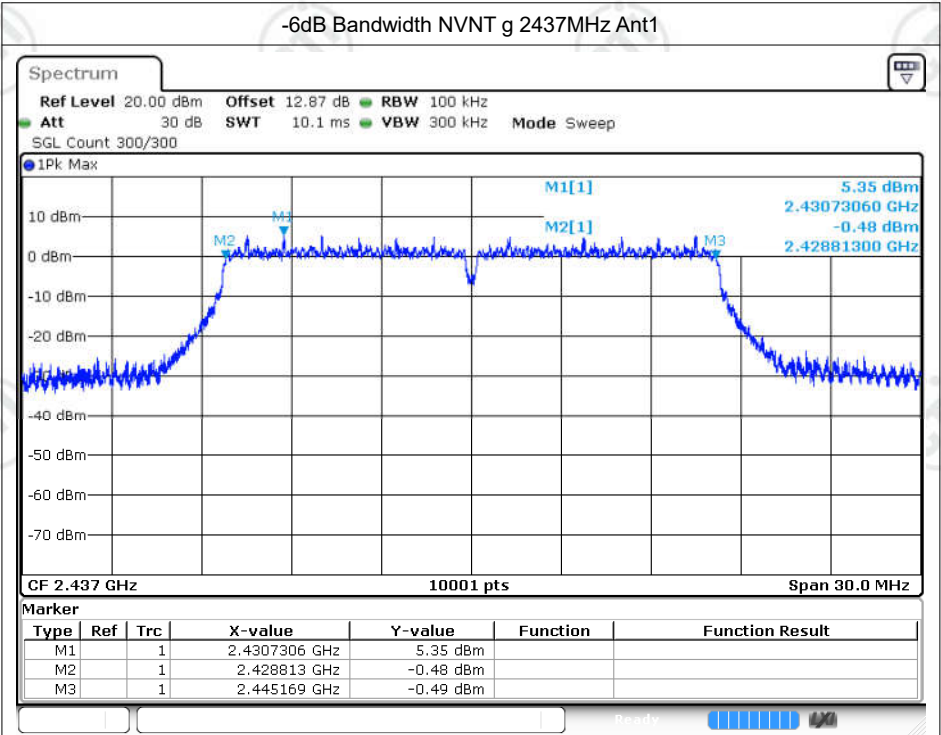




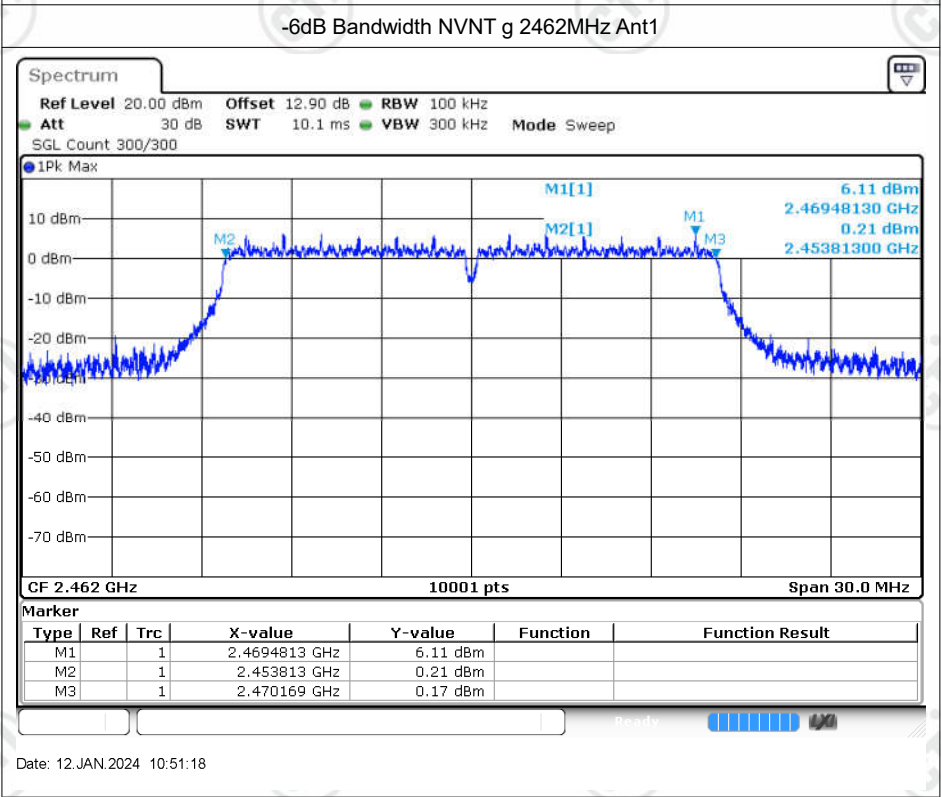
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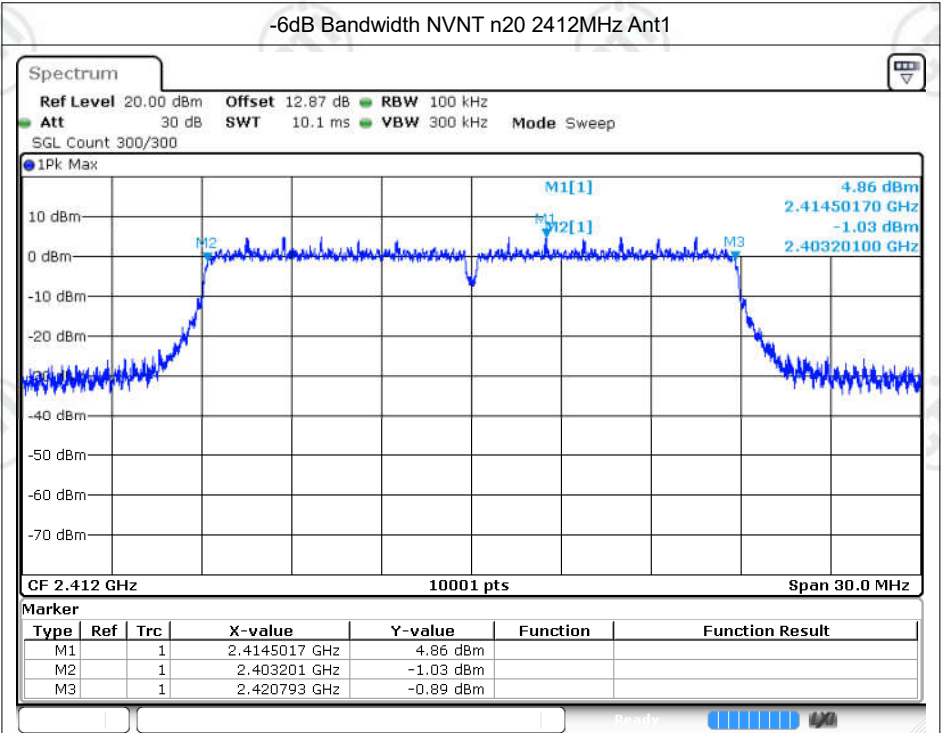
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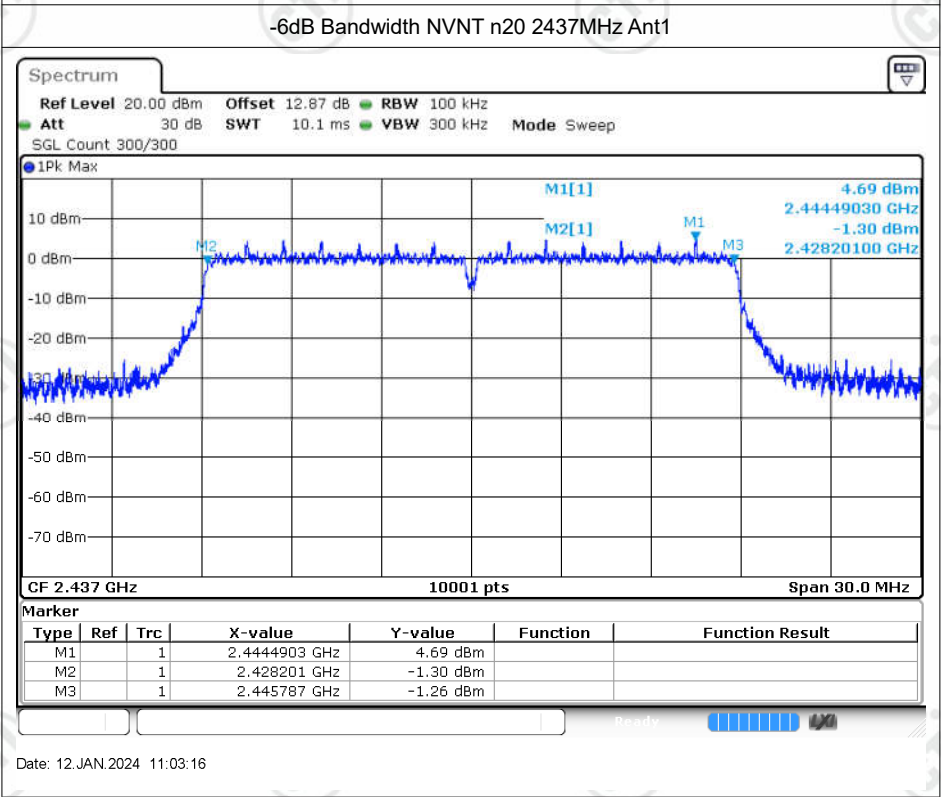
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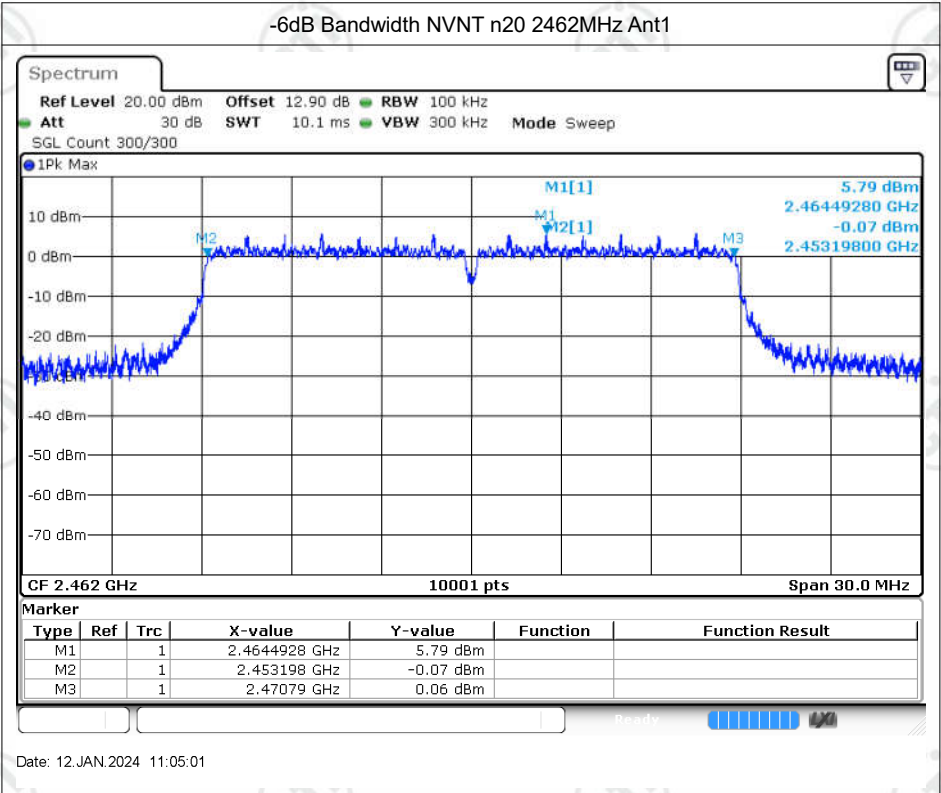
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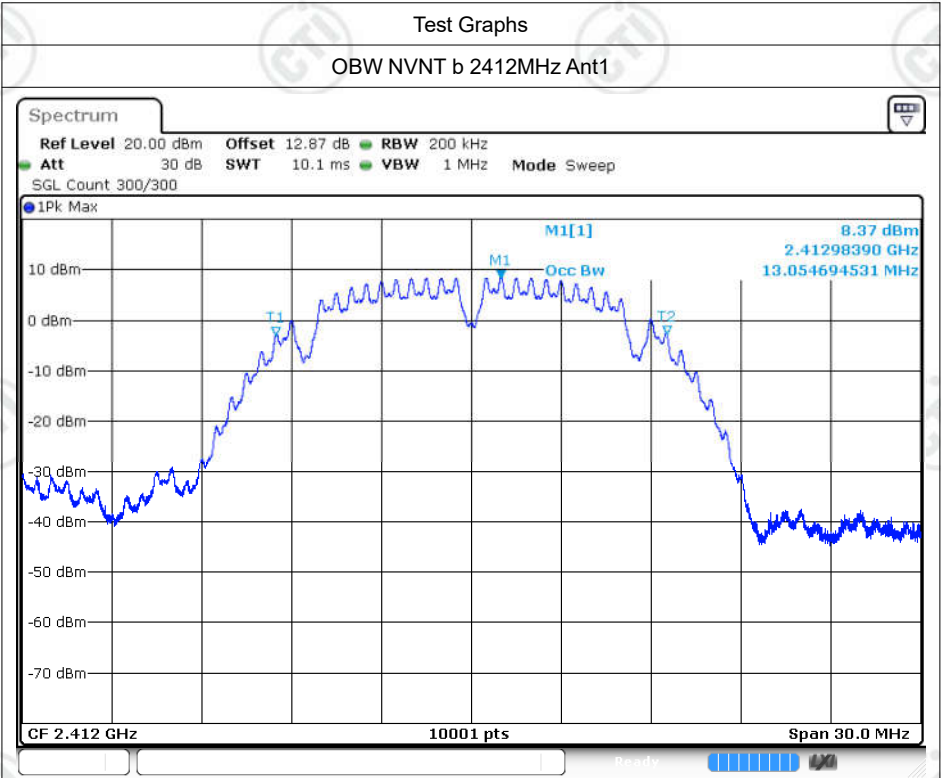


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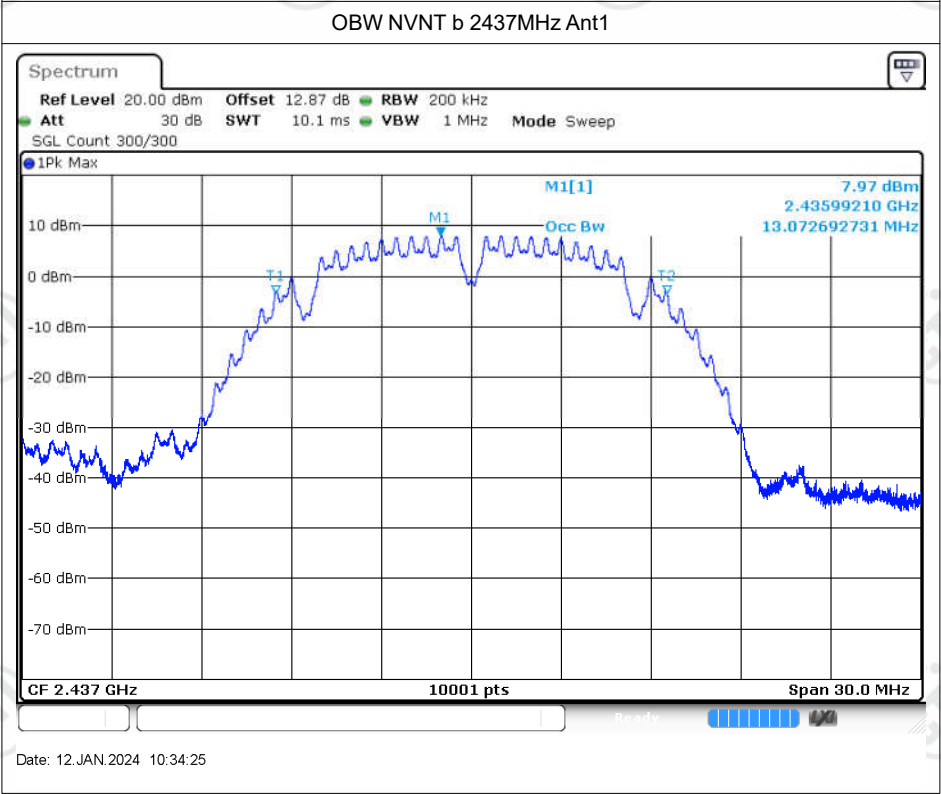


Occupied Channel Bandwidth

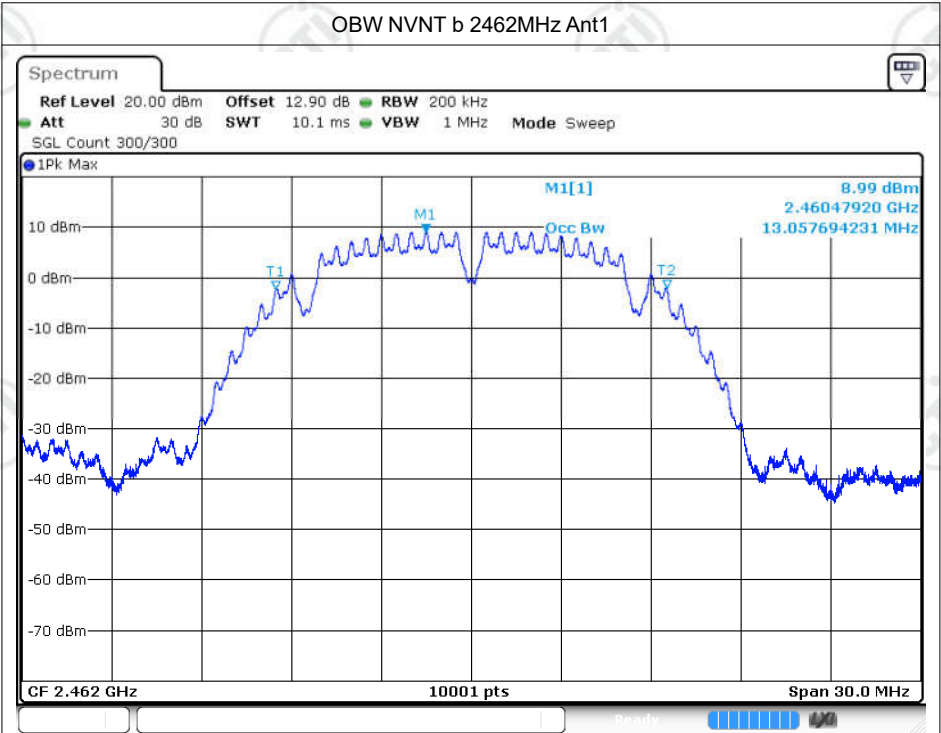
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NVNT	b	2412	Ant1	13.055
NVNT	b	2437	Ant1	13.073
NVNT	b	2462	Ant1	13.058
NVNT	g	2412	Ant1	16.549
NVNT	g	2437	Ant1	16.549
NVNT	g	2462	Ant1	16.564
NVNT	n20	2412	Ant1	17.623
NVNT	n20	2437	Ant1	17.623
NVNT	n20	2462	Ant1	17.641



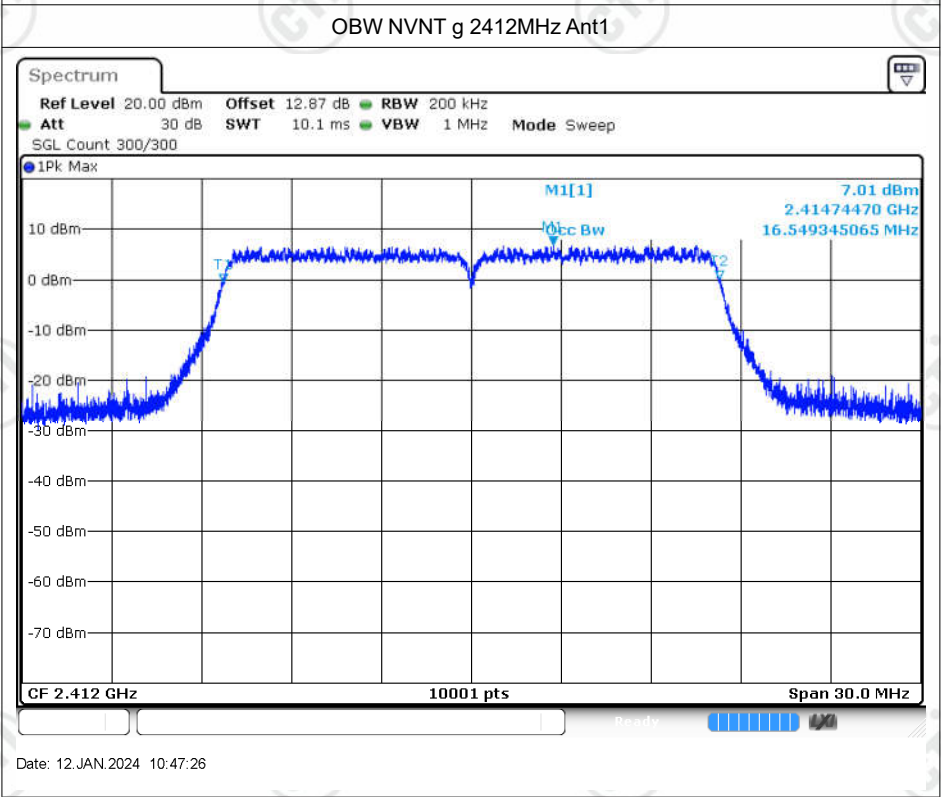
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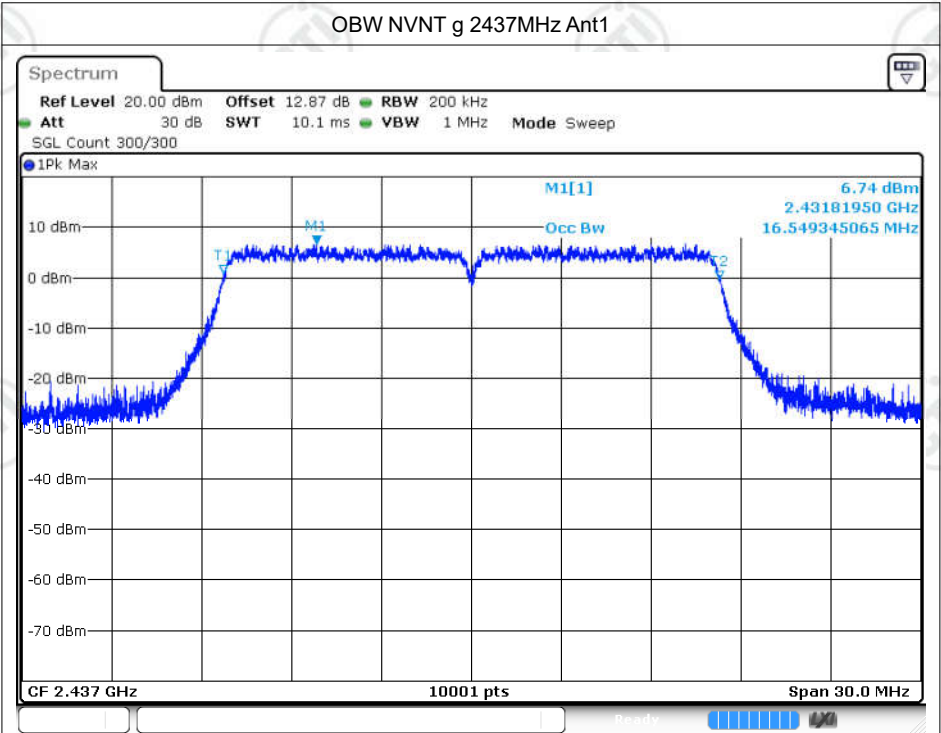
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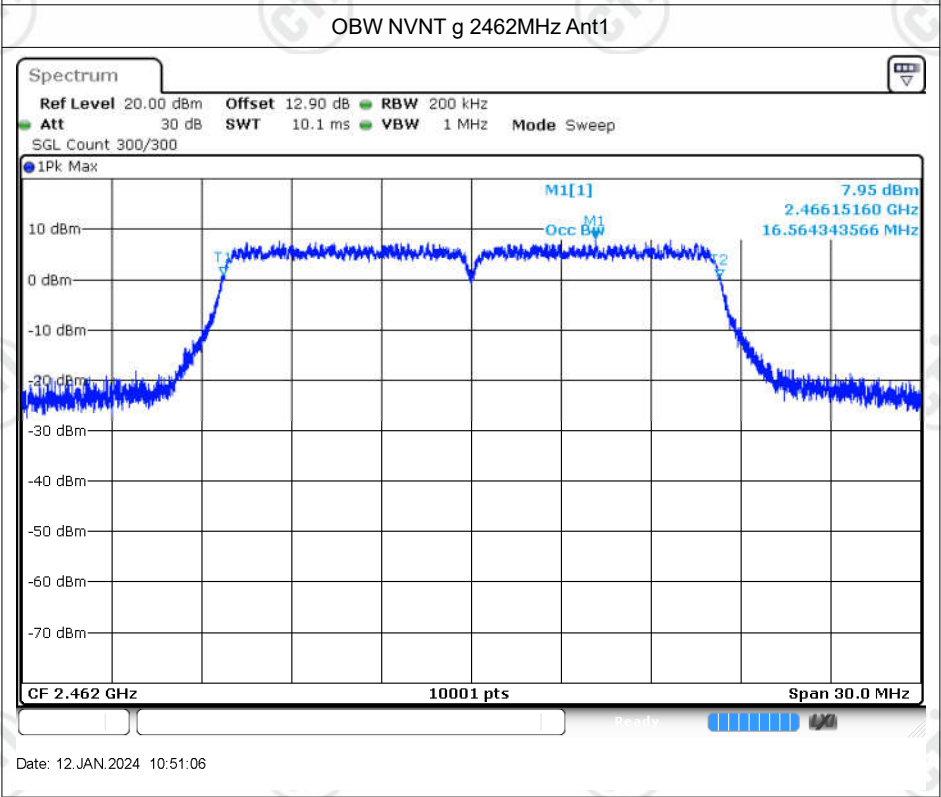
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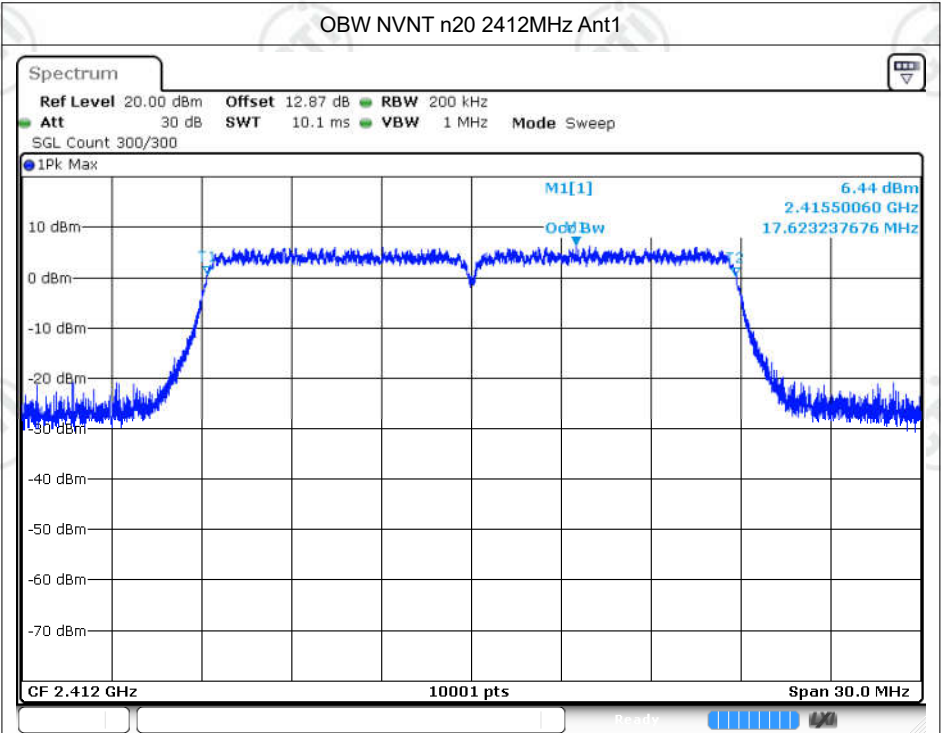
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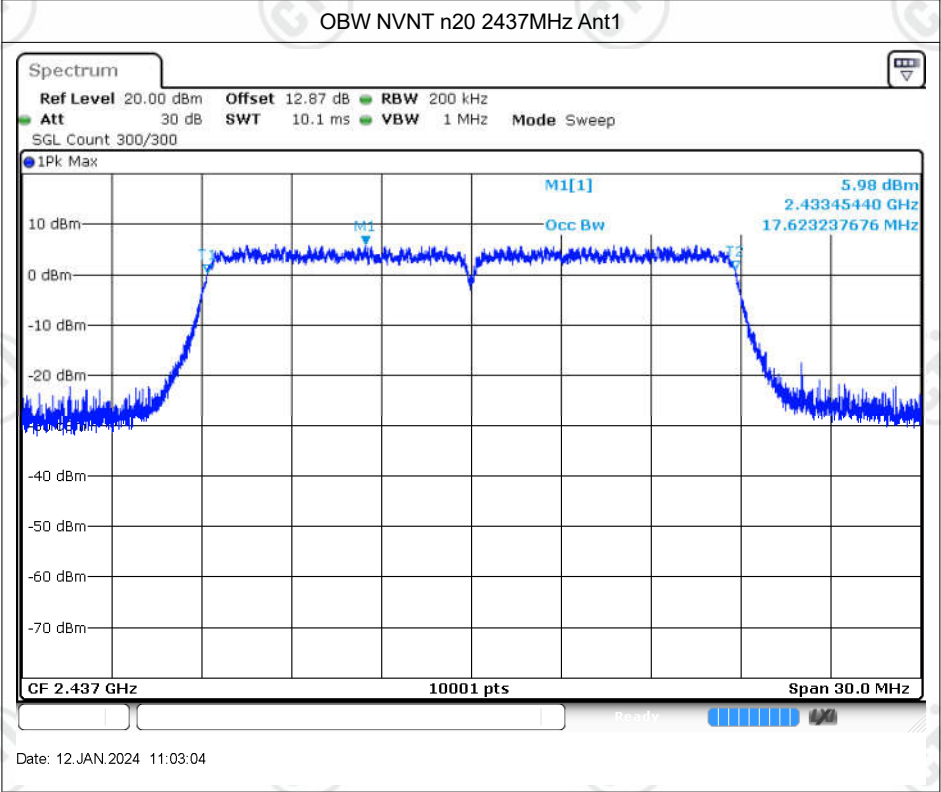
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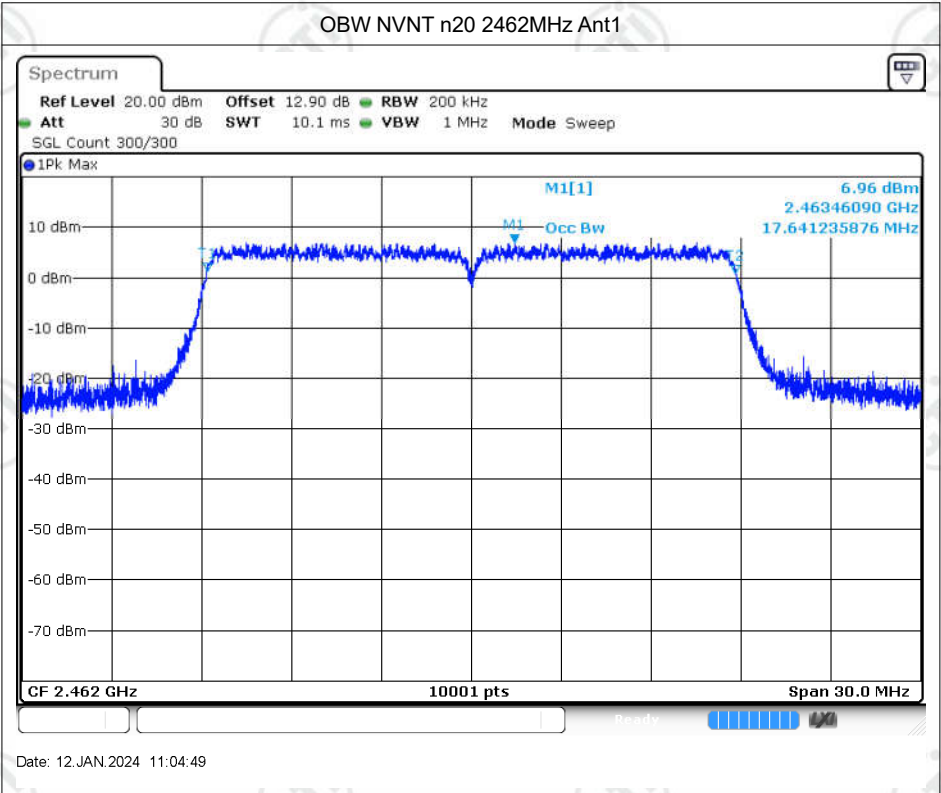
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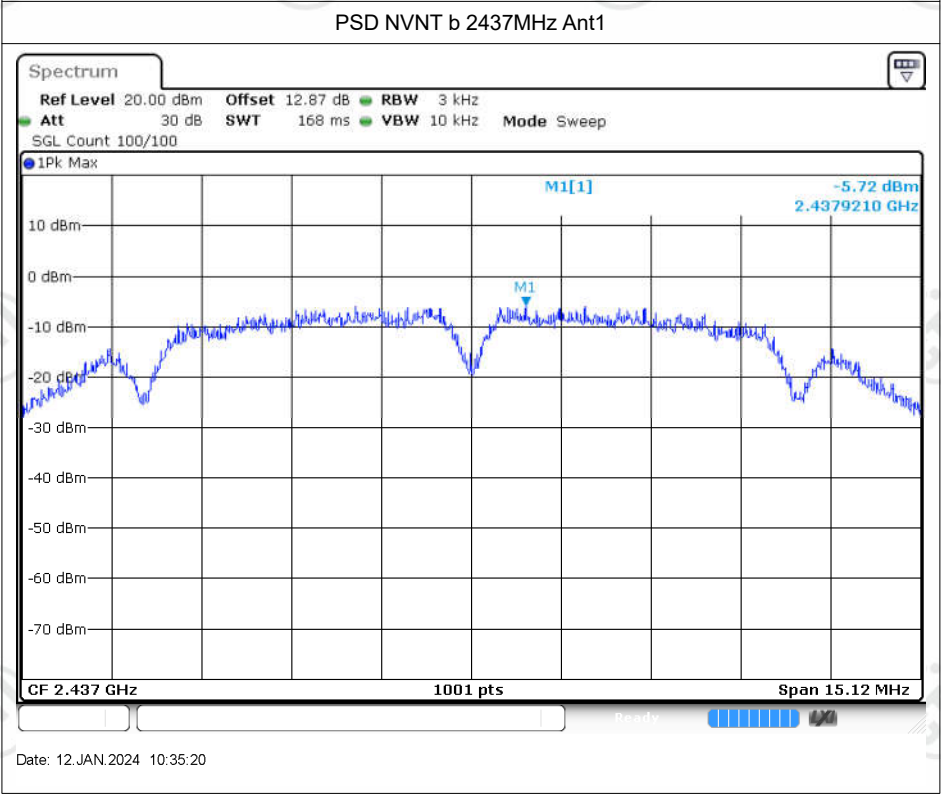
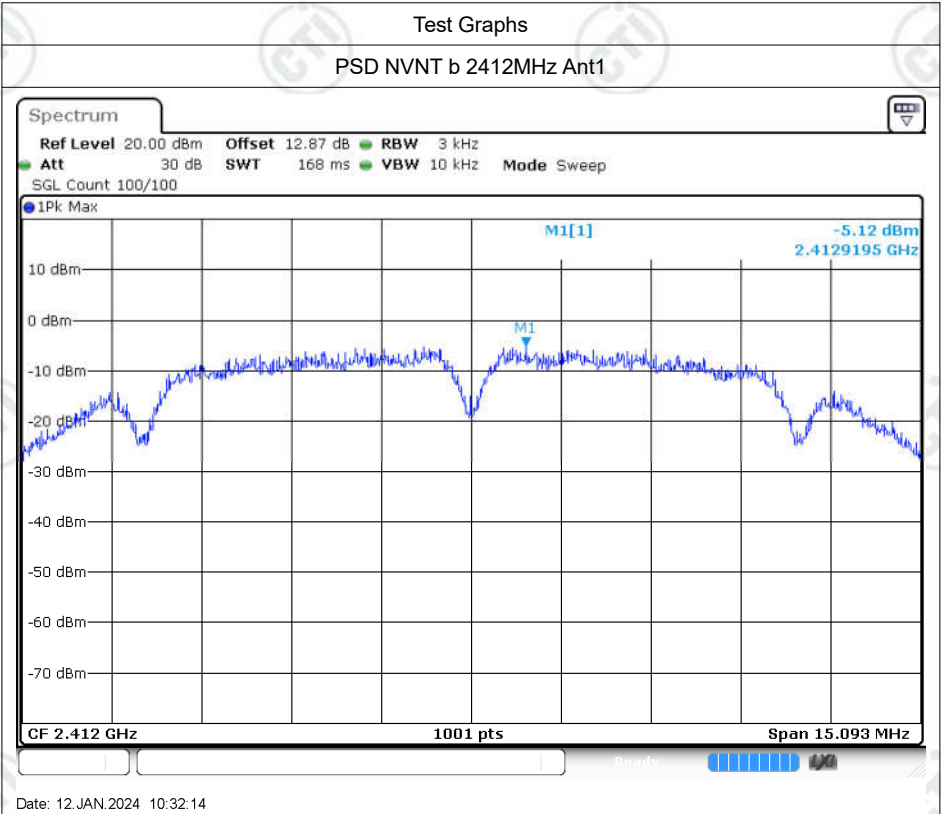


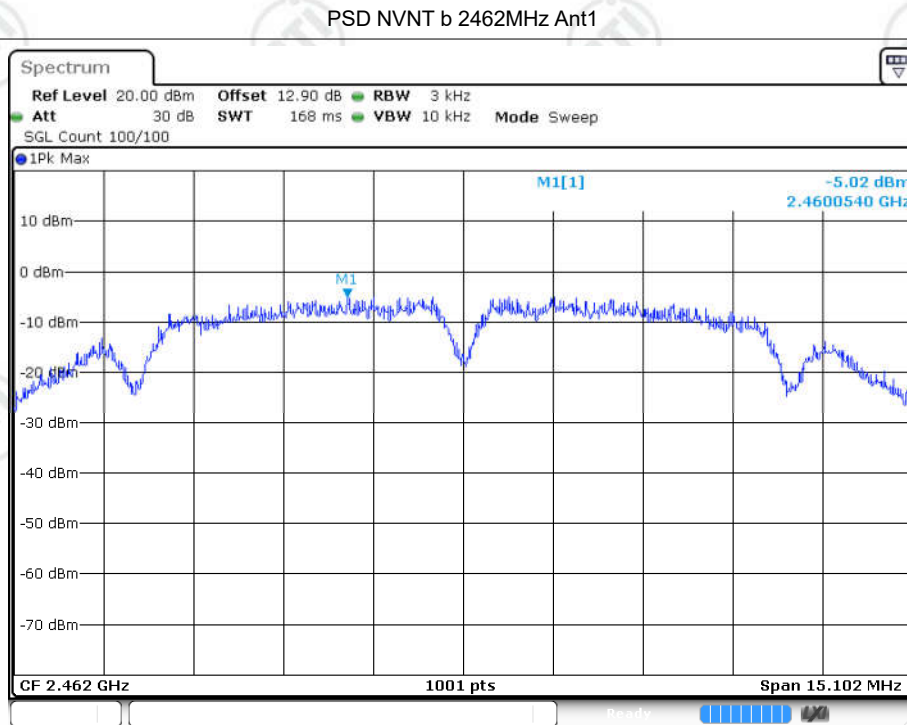
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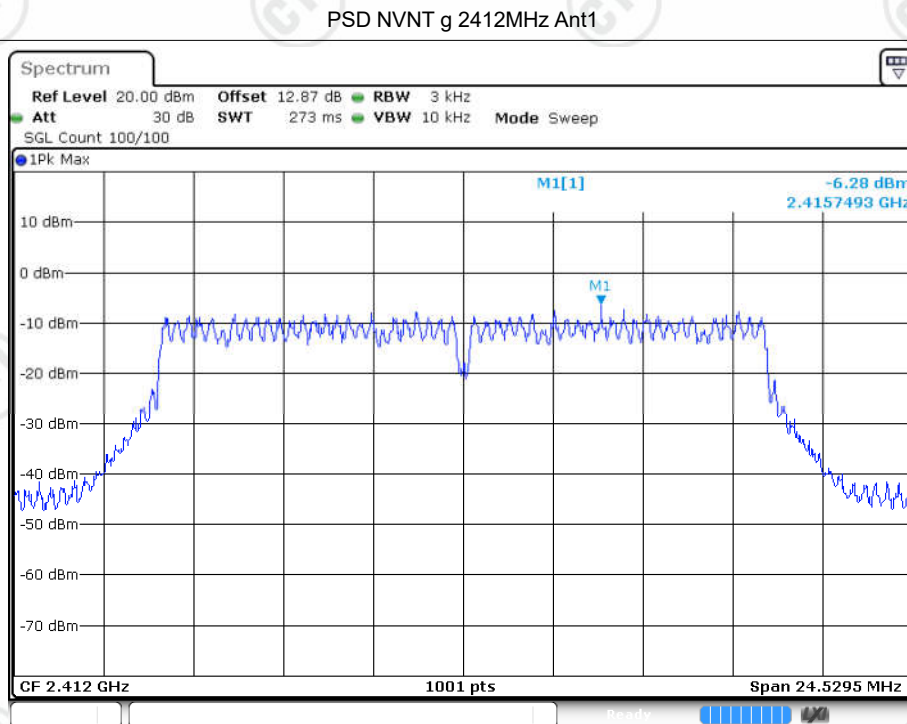
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-5.12	8	Pass
NVNT	b	2437	Ant1	-5.72	8	Pass
NVNT	b	2462	Ant1	-5.02	8	Pass
NVNT	g	2412	Ant1	-6.28	8	Pass
NVNT	g	2437	Ant1	-6.35	8	Pass
NVNT	g	2462	Ant1	-6.31	8	Pass
NVNT	n20	2412	Ant1	-8.02	8	Pass
NVNT	n20	2437	Ant1	-8.27	8	Pass
NVNT	n20	2462	Ant1	-6.5	8	Pass

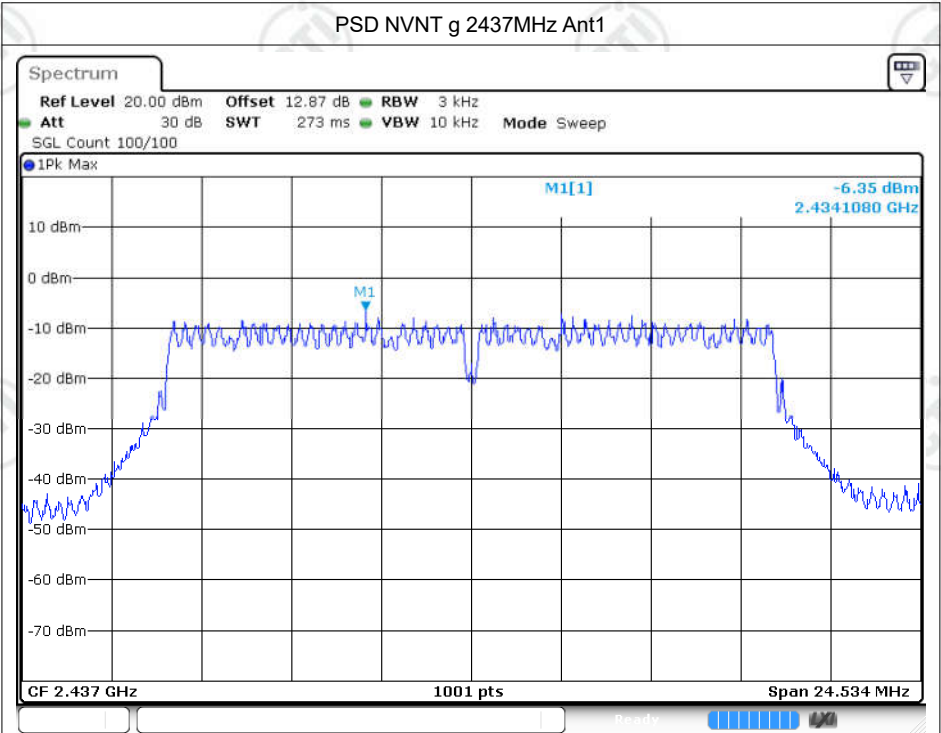




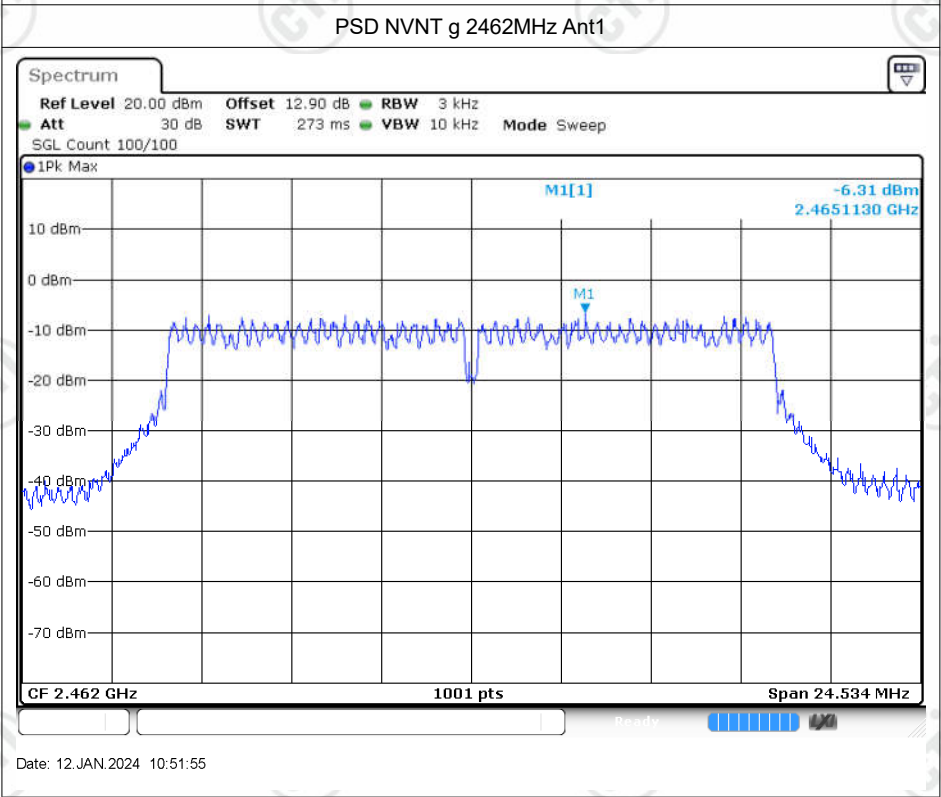
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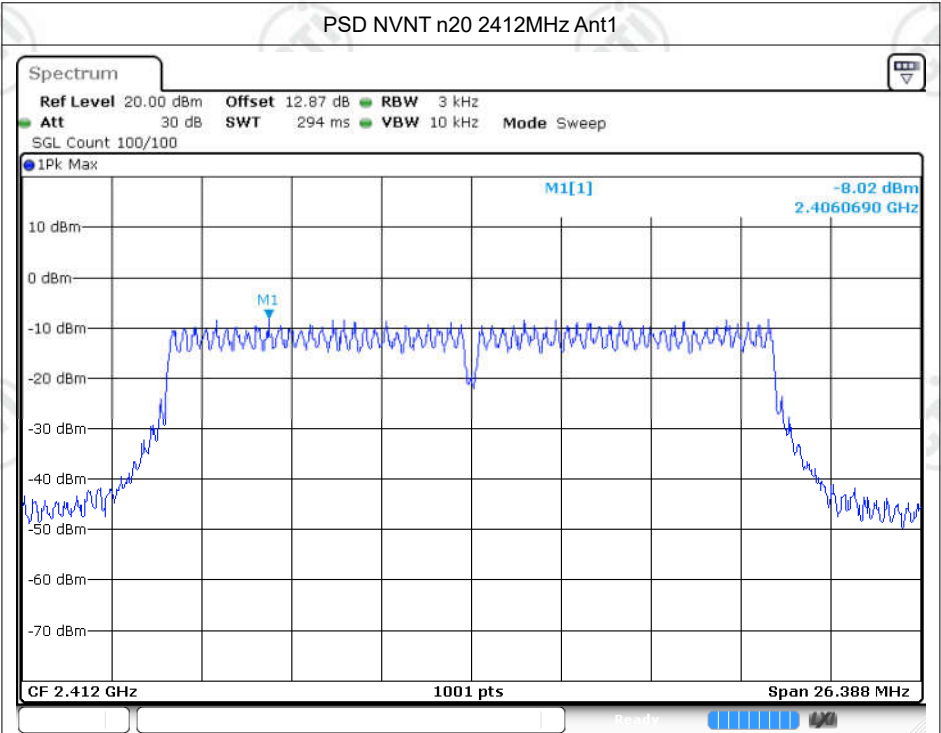
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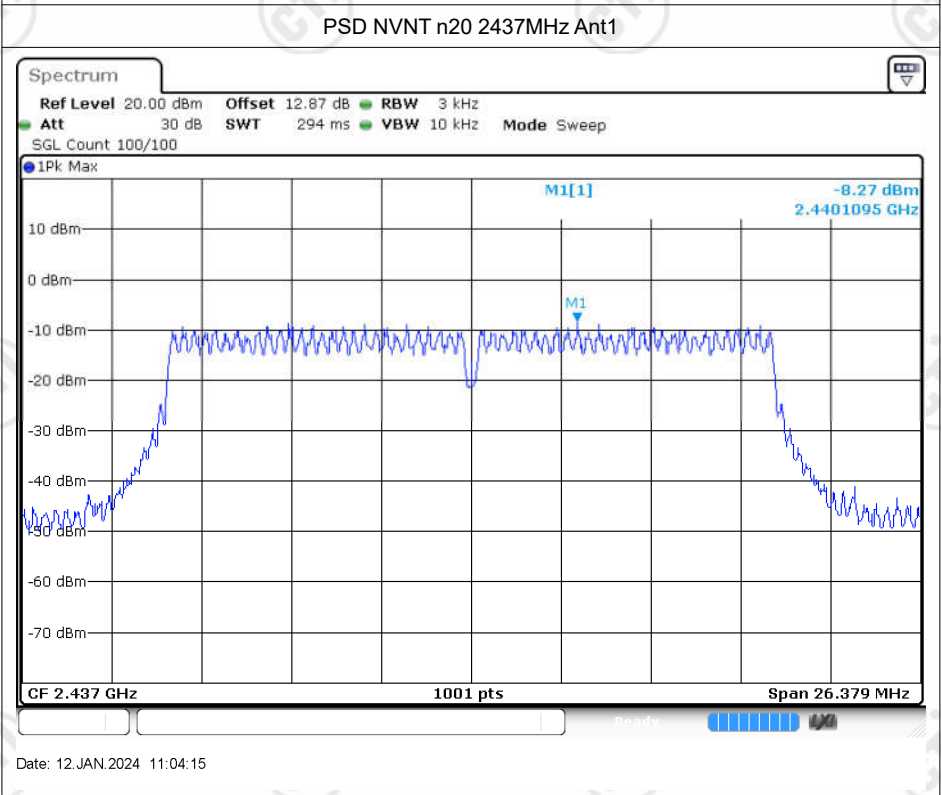
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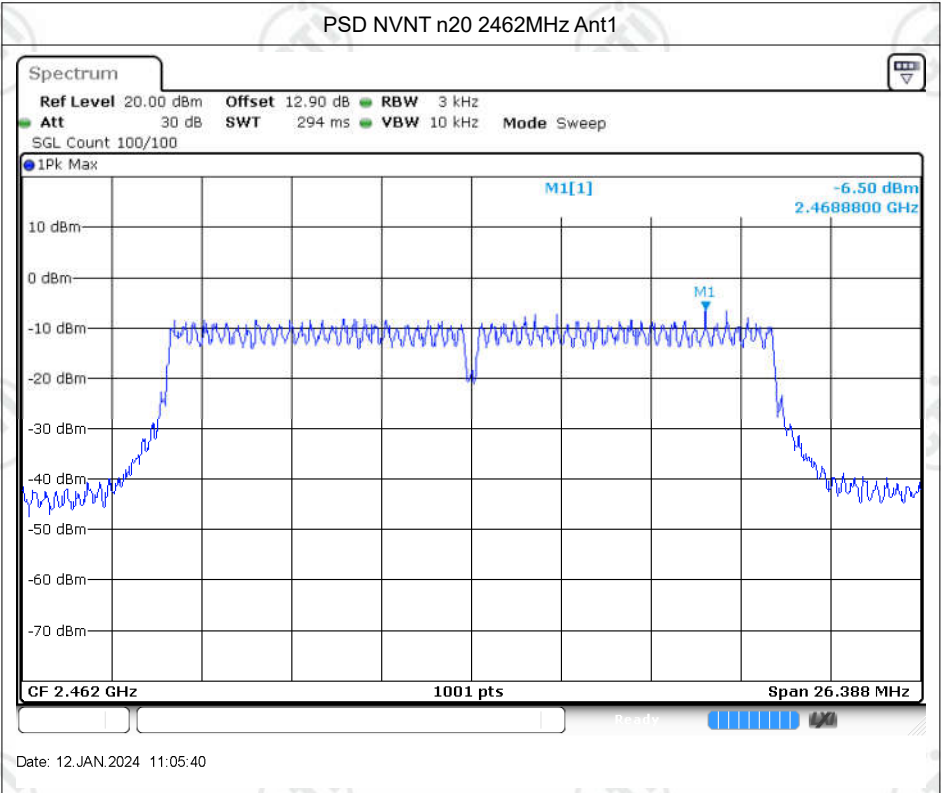
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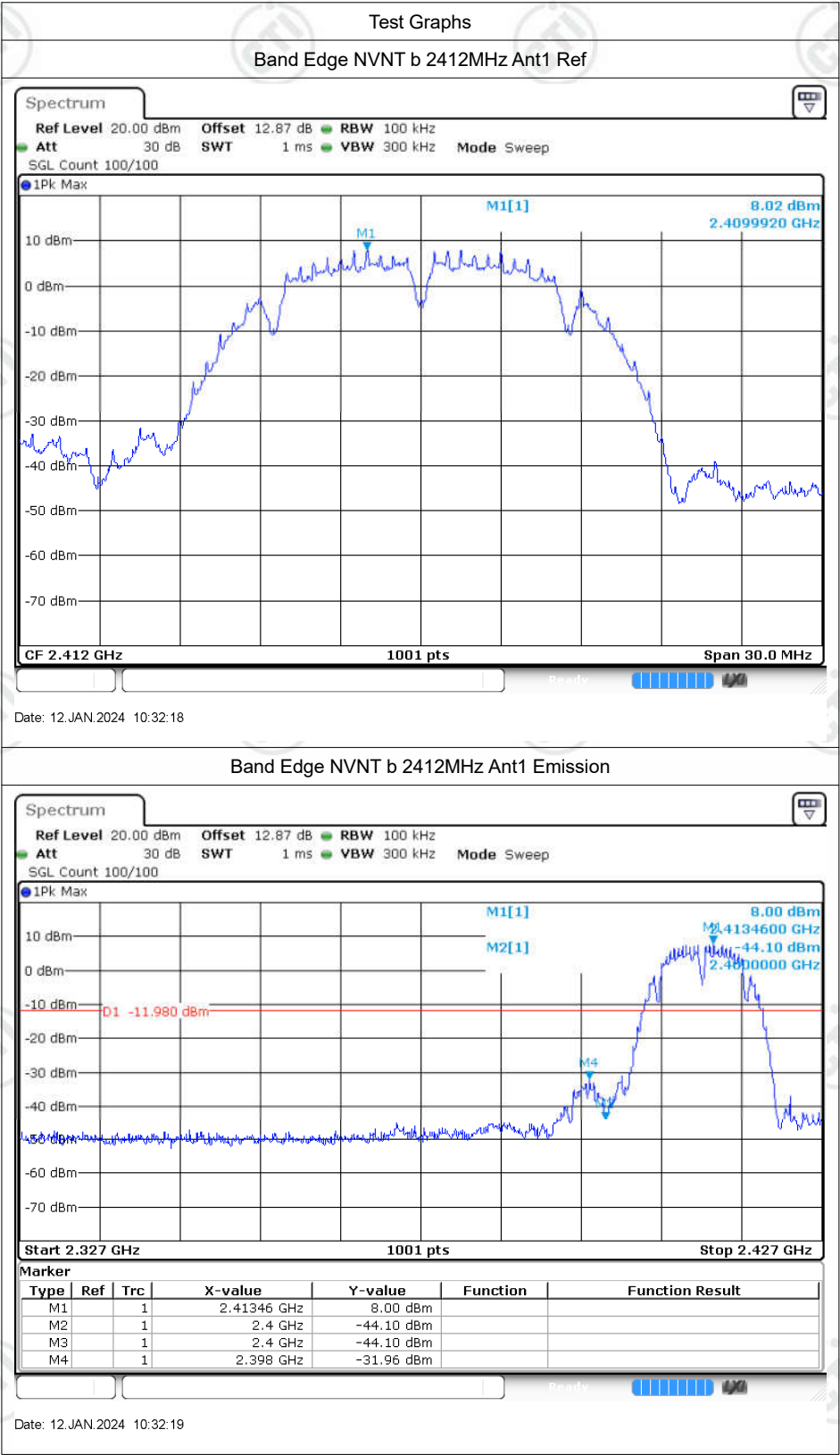


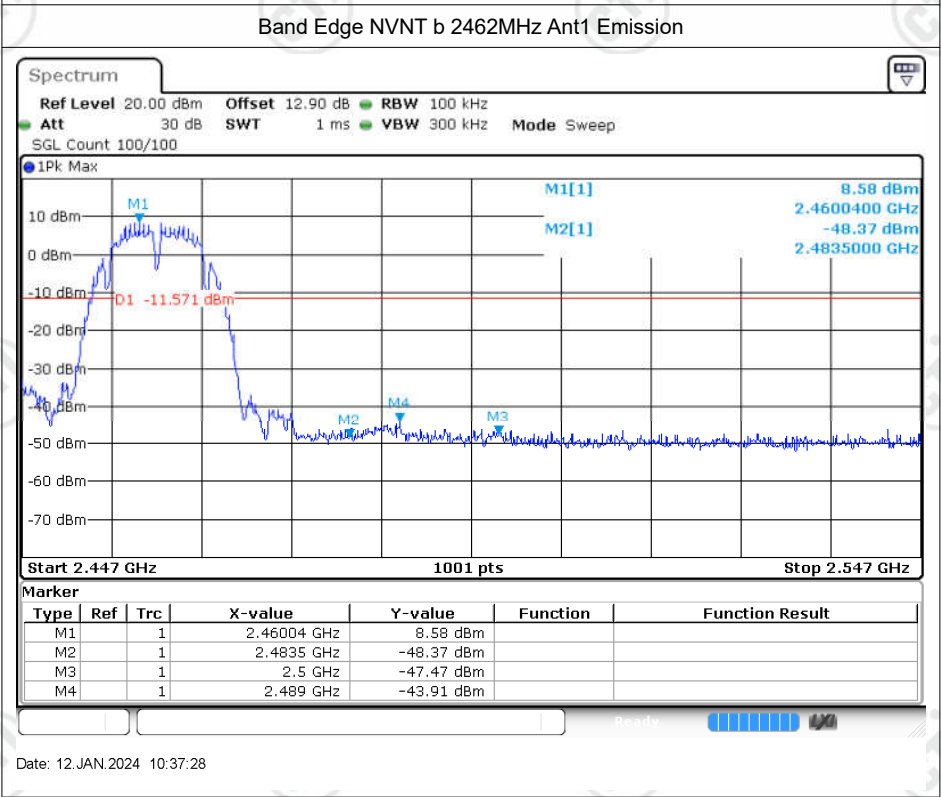
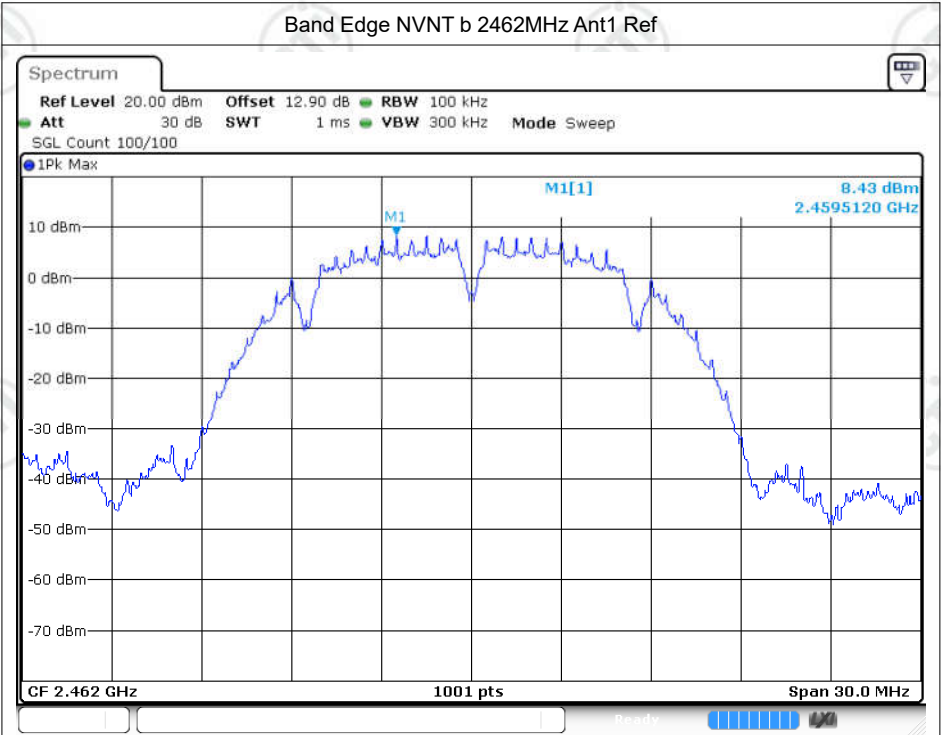
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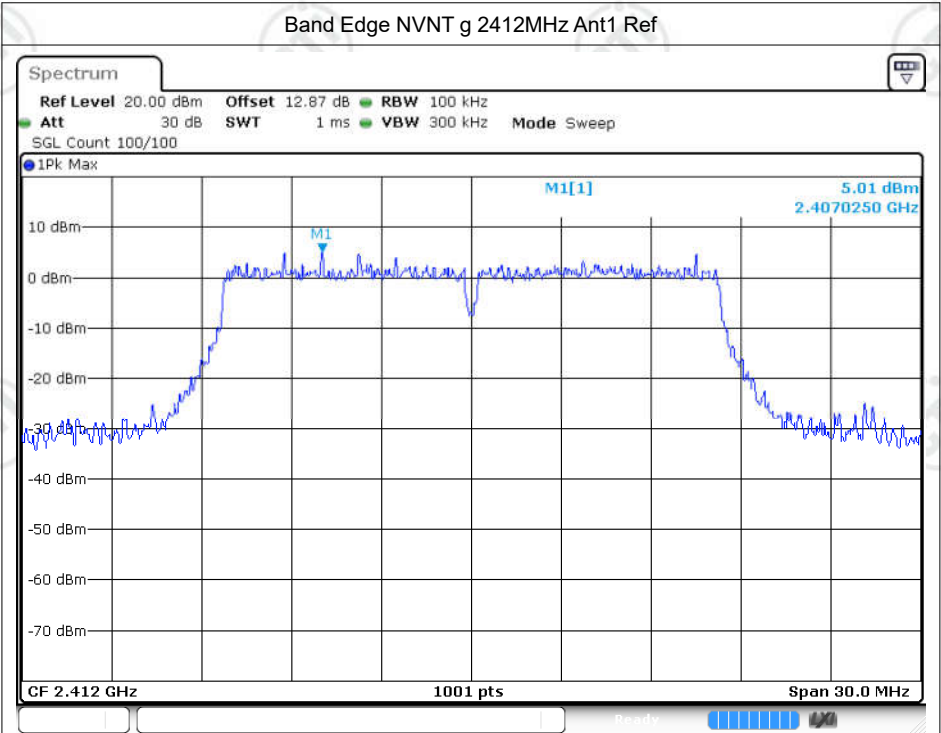


Band Edge

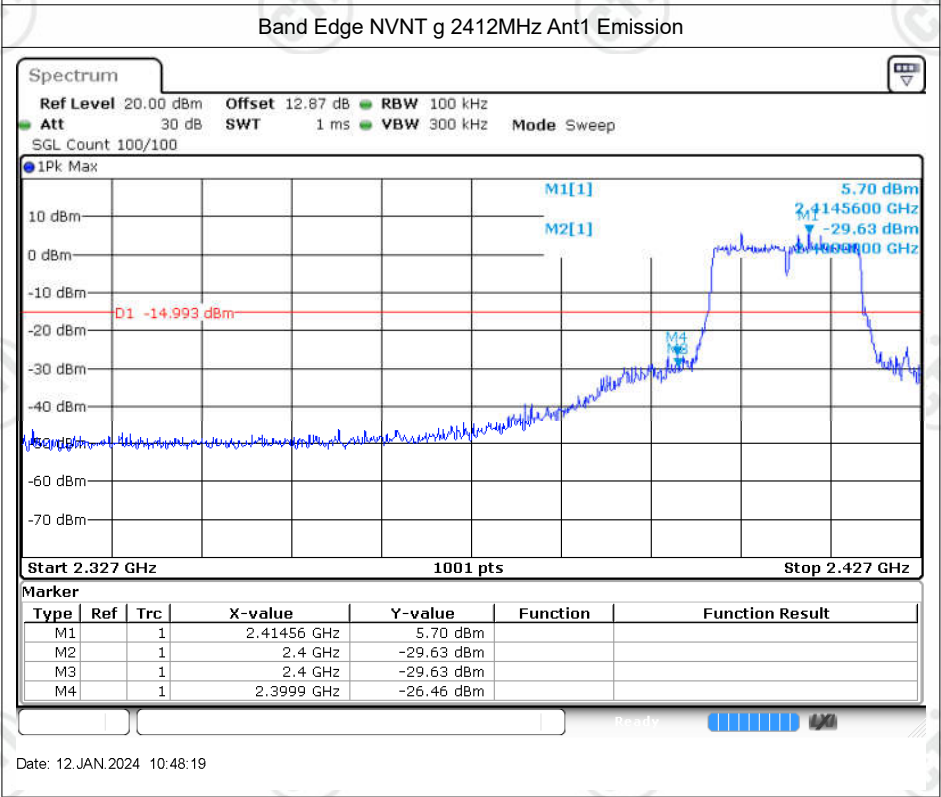
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-39.98	-20	Pass
NVNT	b	2462	Ant1	-52.33	-20	Pass
NVNT	g	2412	Ant1	-31.46	-20	Pass
NVNT	g	2462	Ant1	-38.69	-20	Pass
NVNT	n20	2412	Ant1	-30.81	-20	Pass
NVNT	n20	2462	Ant1	-36.87	-20	Pass



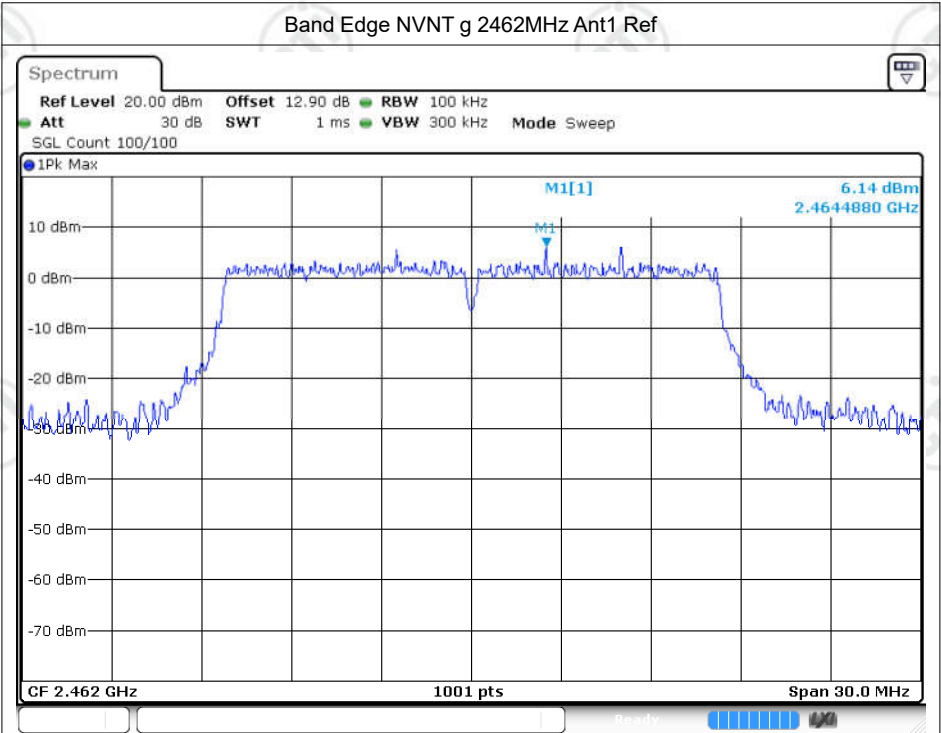




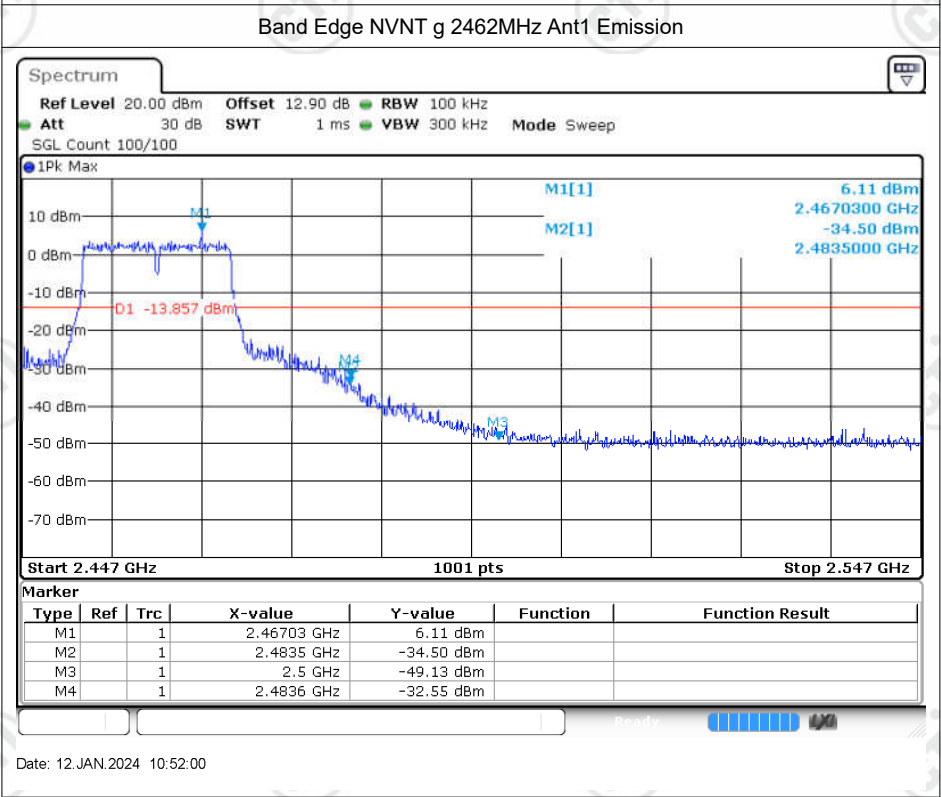
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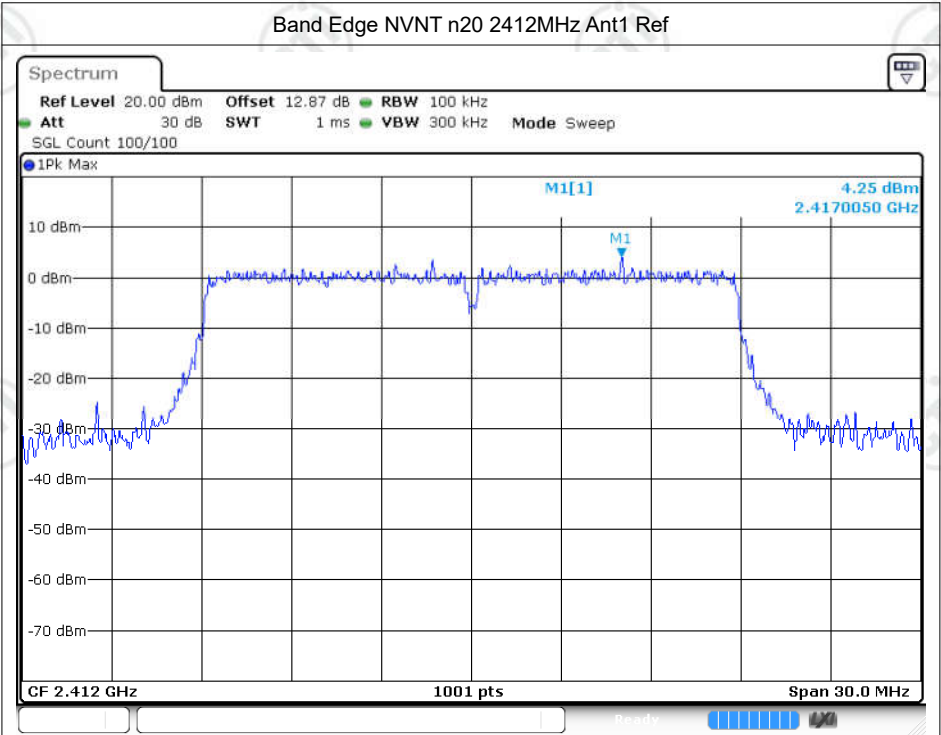
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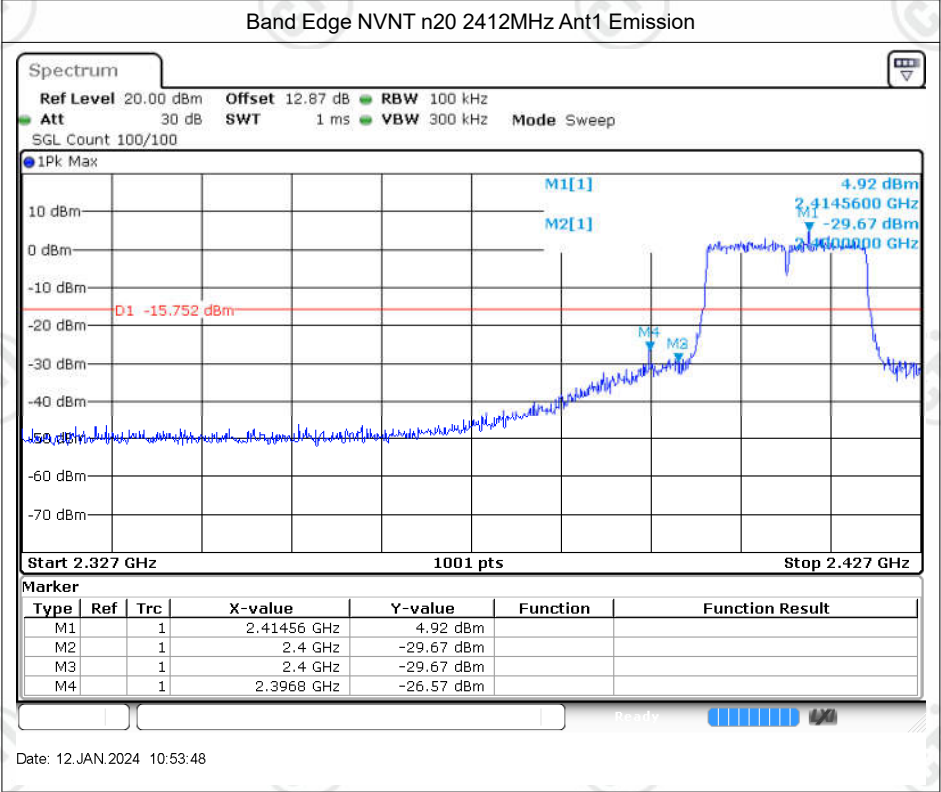
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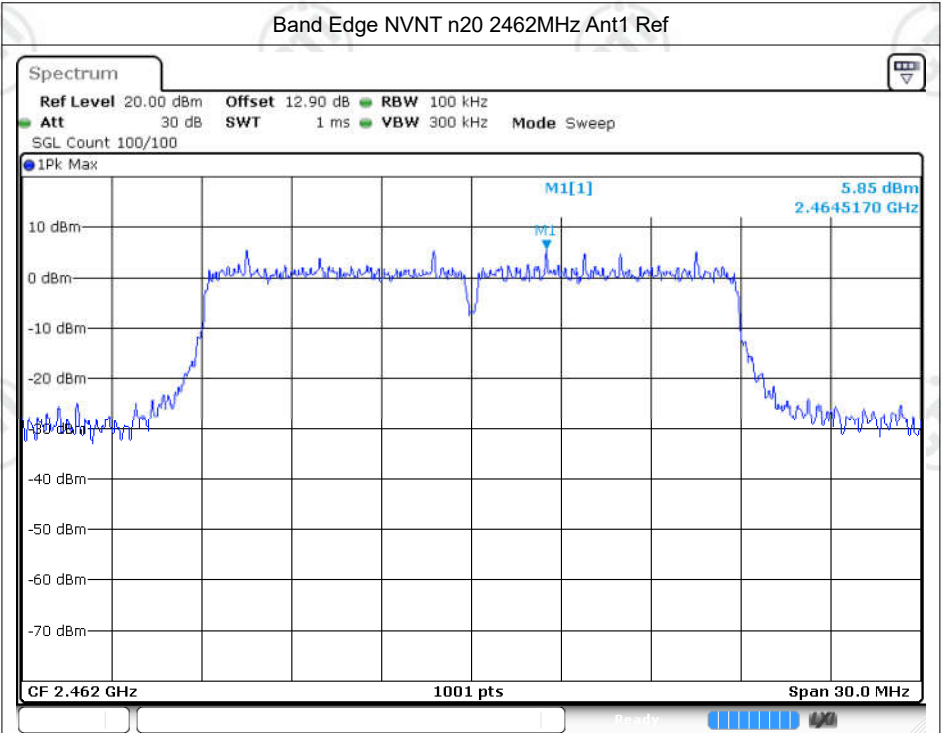
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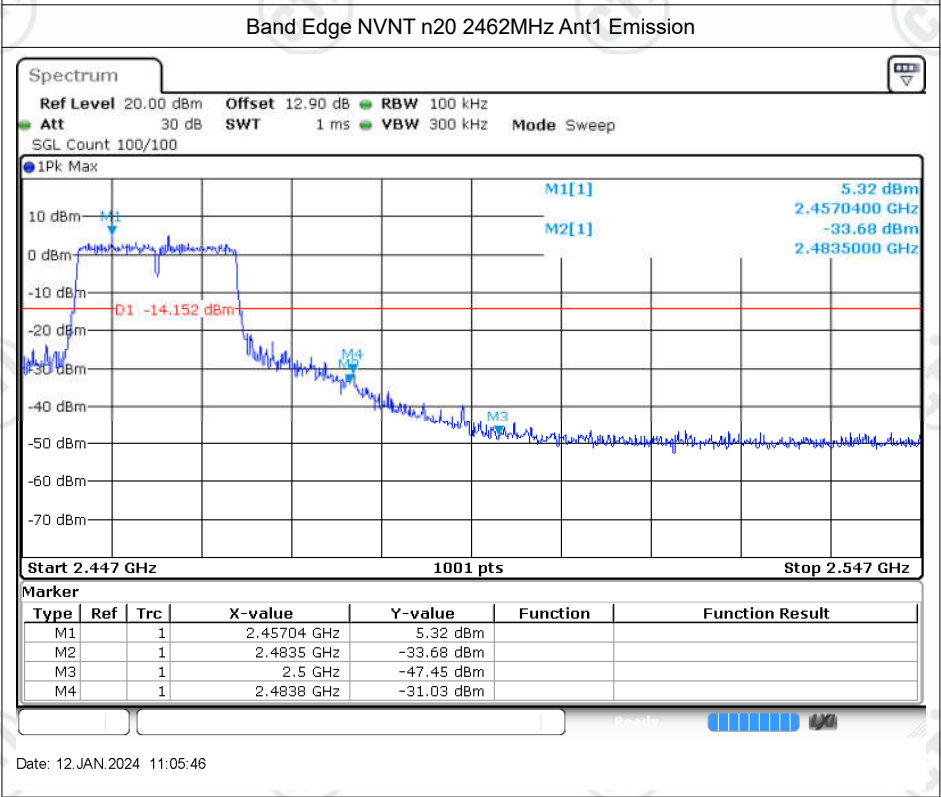
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Date: 12. JAN. 2024 10:53:48



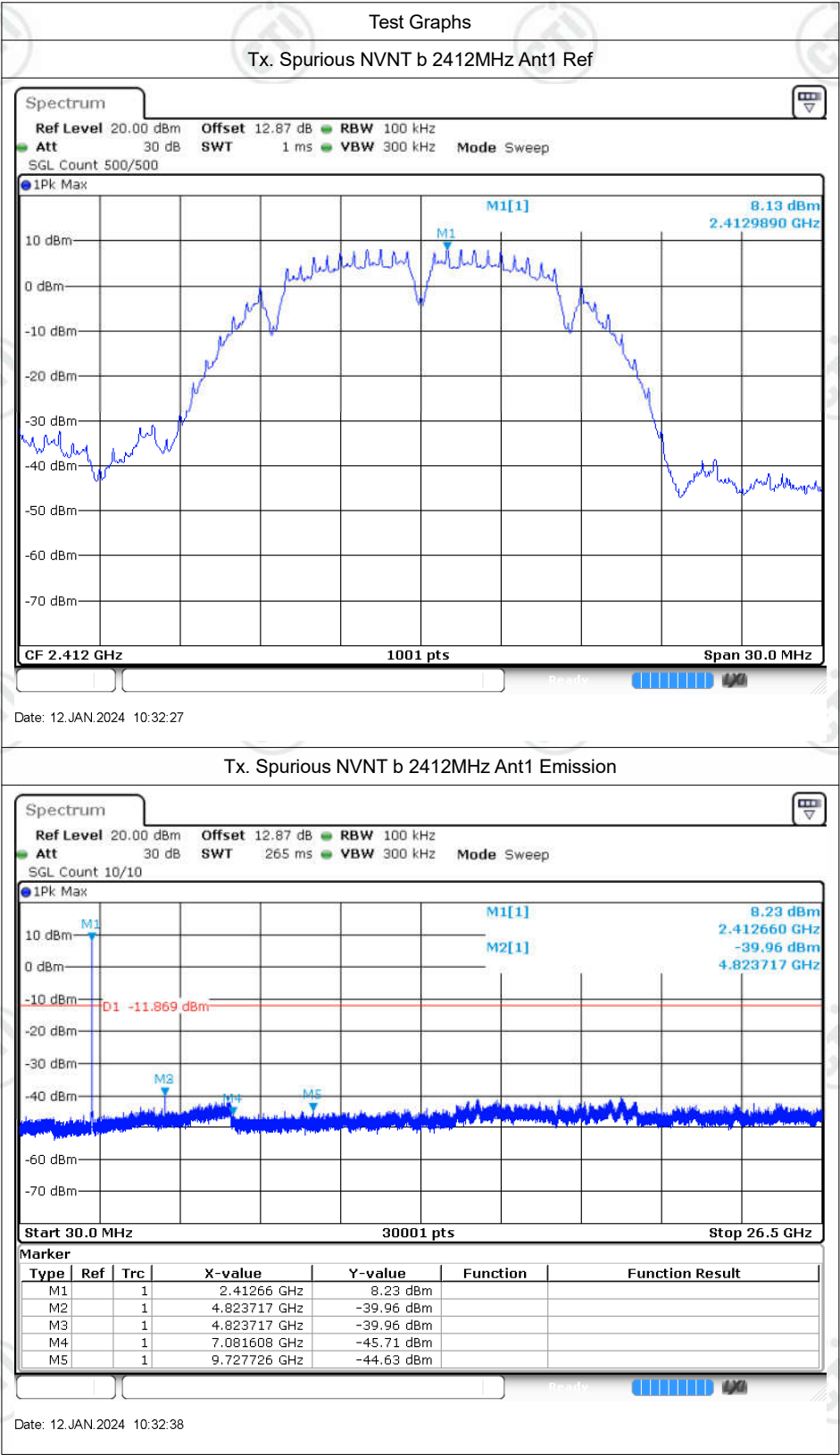
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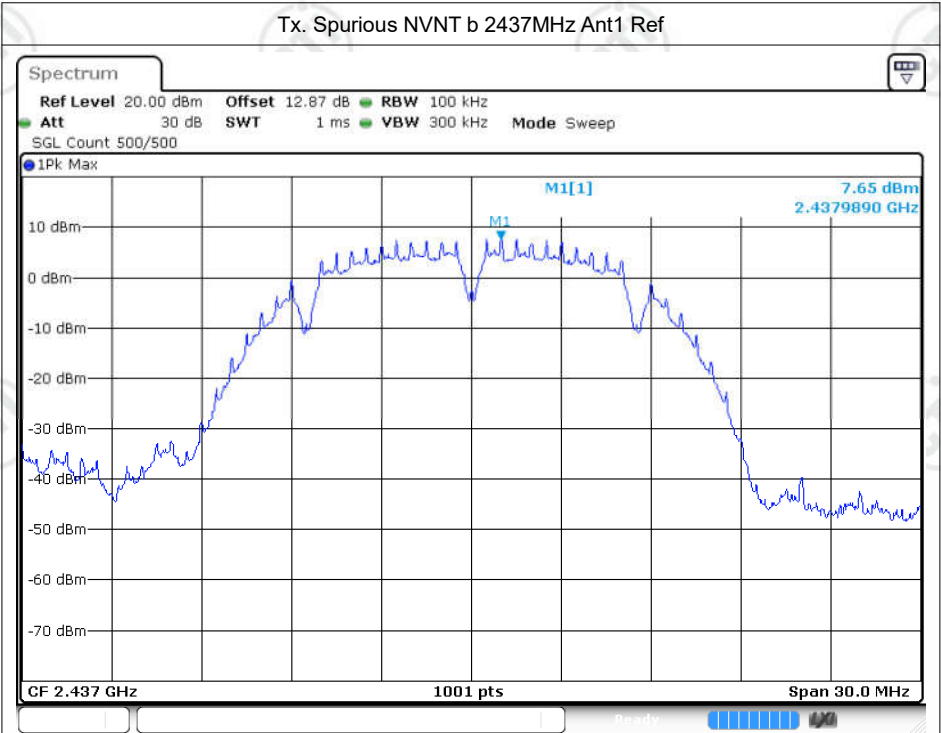


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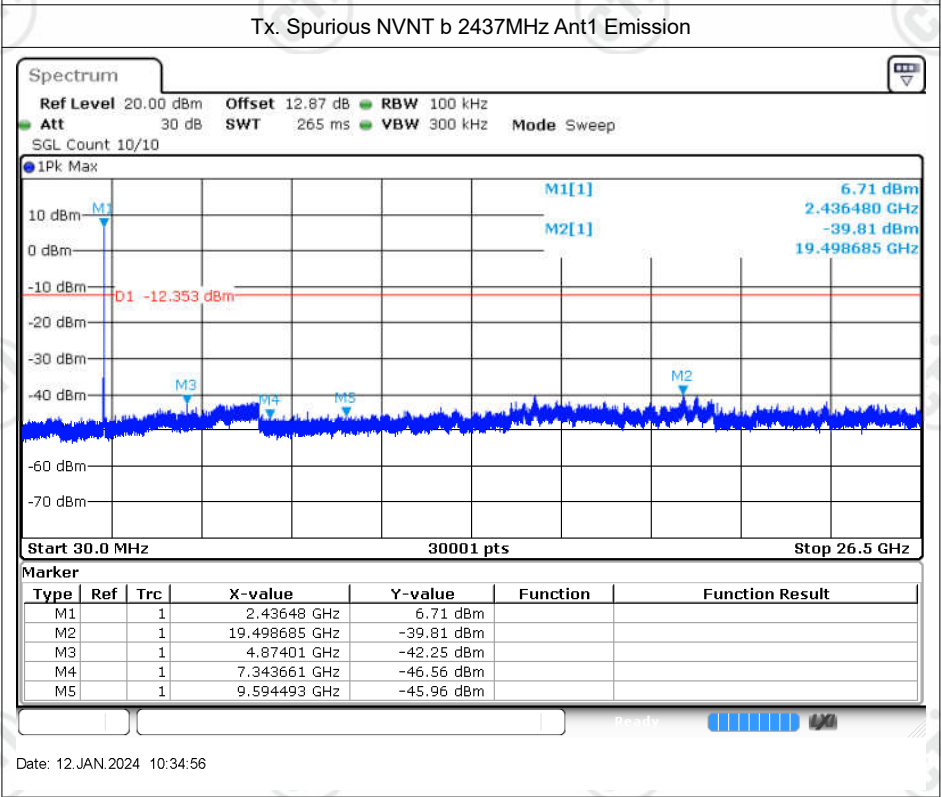
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.08	-20	Pass
NVNT	b	2437	Ant1	-47.45	-20	Pass
NVNT	b	2462	Ant1	-48.89	-20	Pass
NVNT	g	2412	Ant1	-45.35	-20	Pass
NVNT	g	2437	Ant1	-46.16	-20	Pass
NVNT	g	2462	Ant1	-46.67	-20	Pass
NVNT	n20	2412	Ant1	-45.43	-20	Pass
NVNT	n20	2437	Ant1	-44.84	-20	Pass
NVNT	n20	2462	Ant1	-46.37	-20	Pass

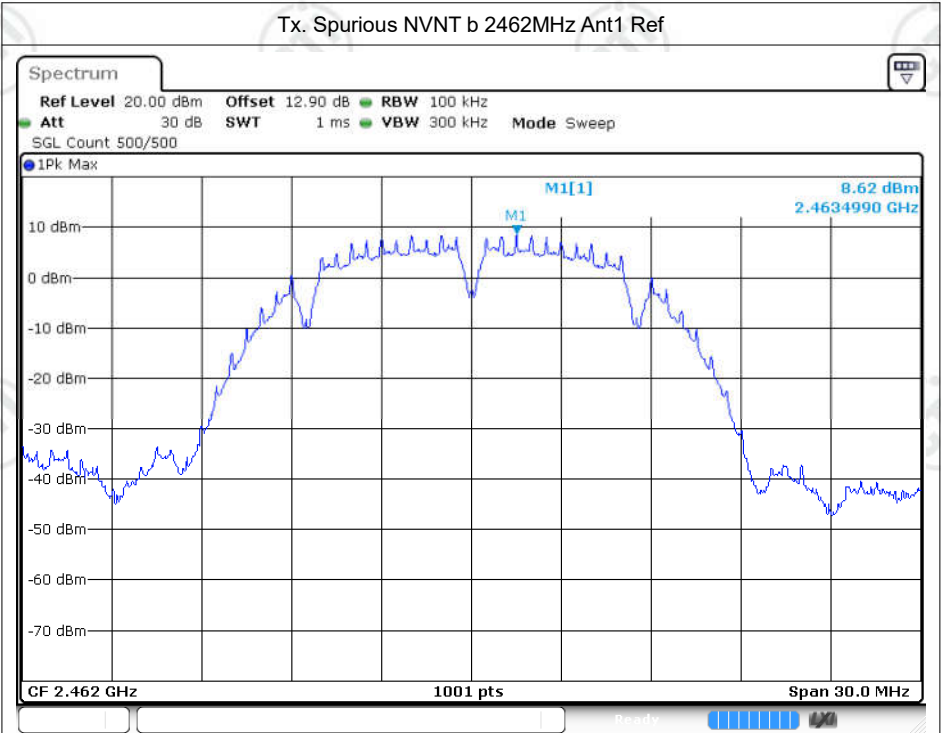




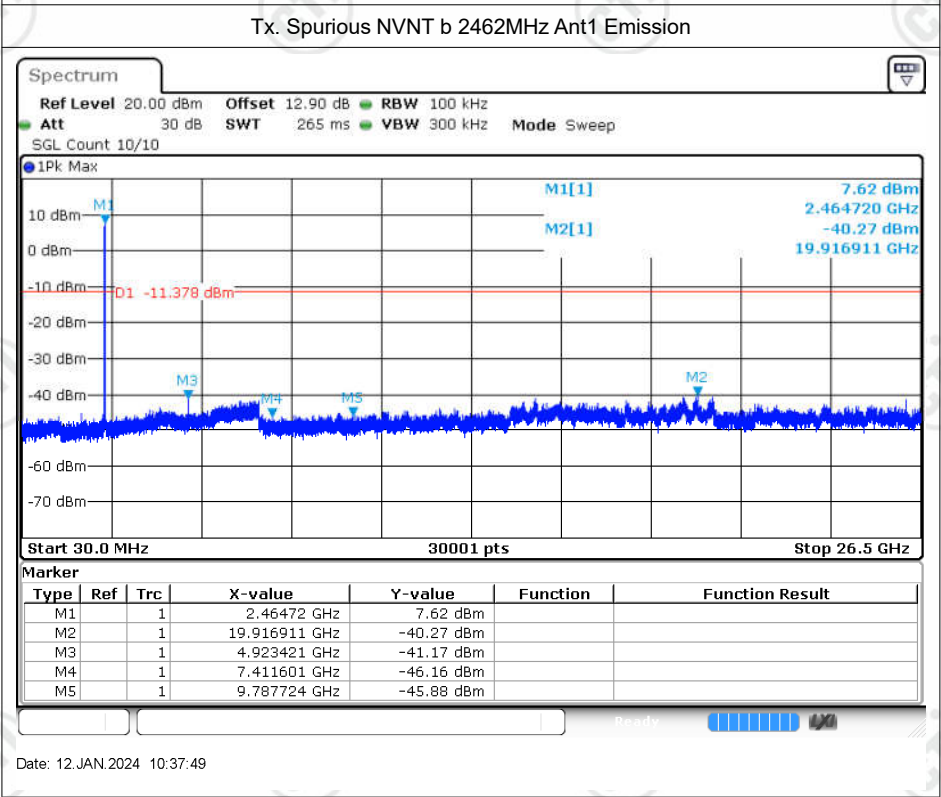
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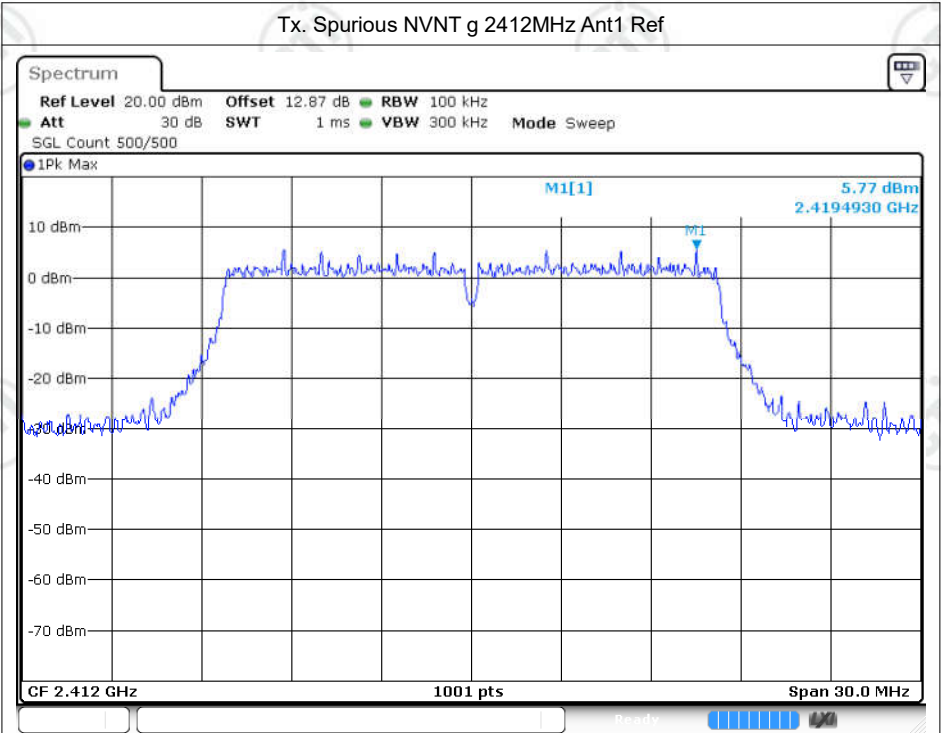
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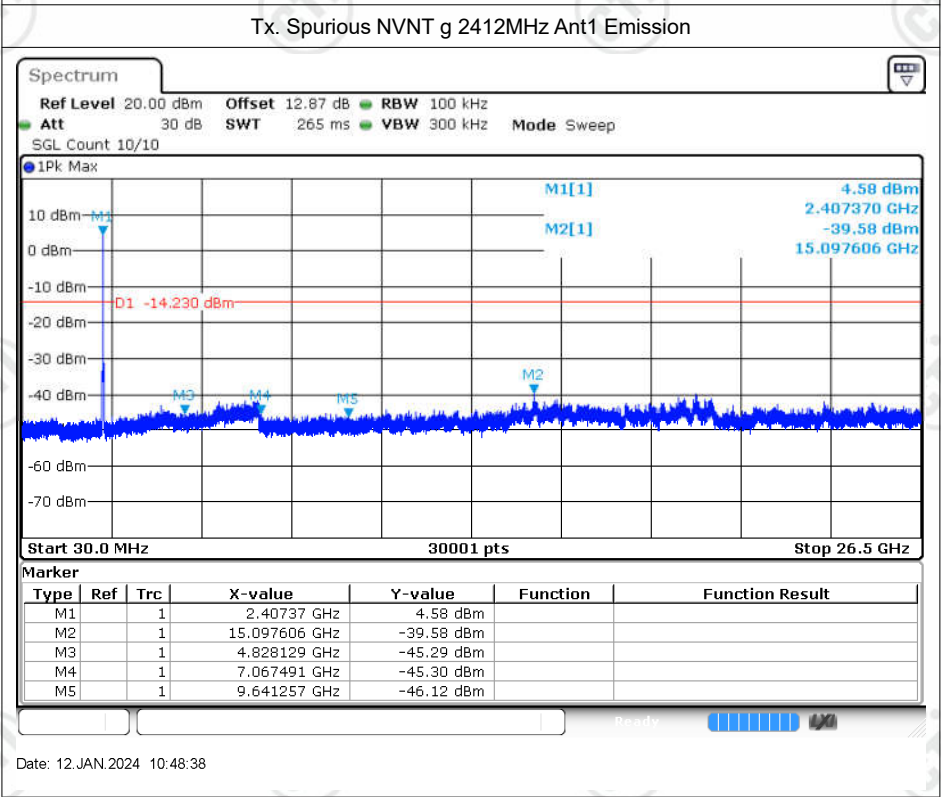
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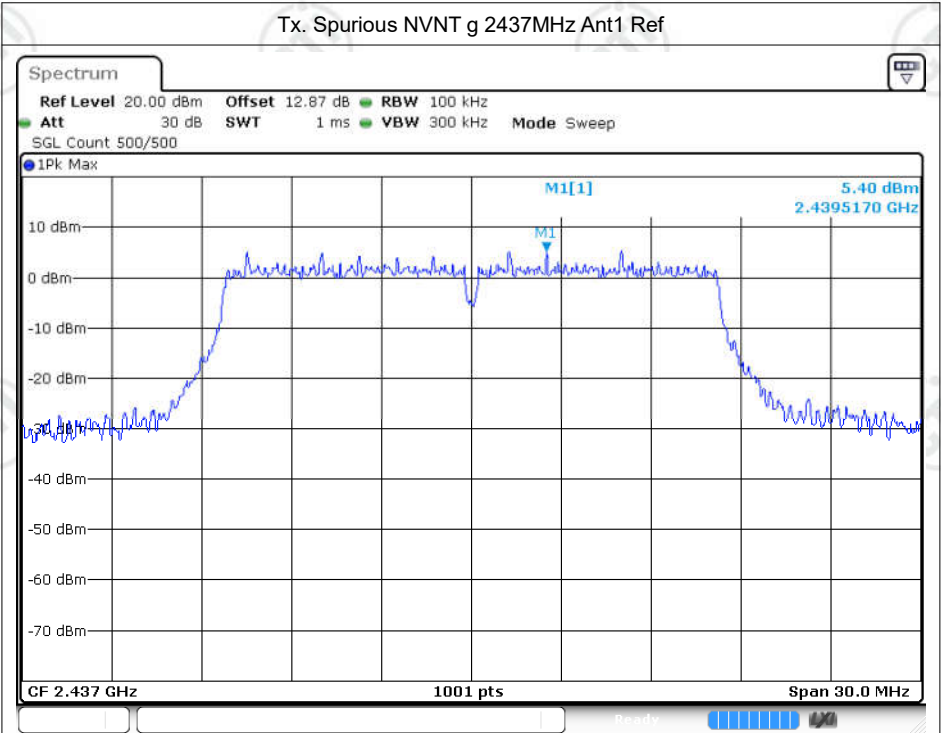
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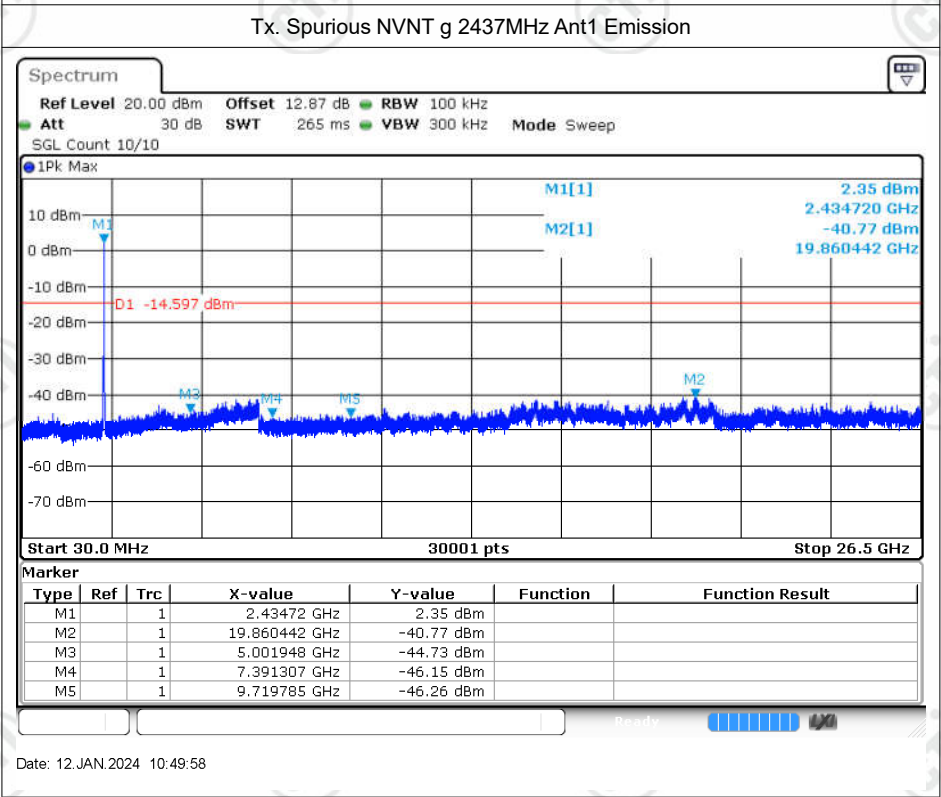
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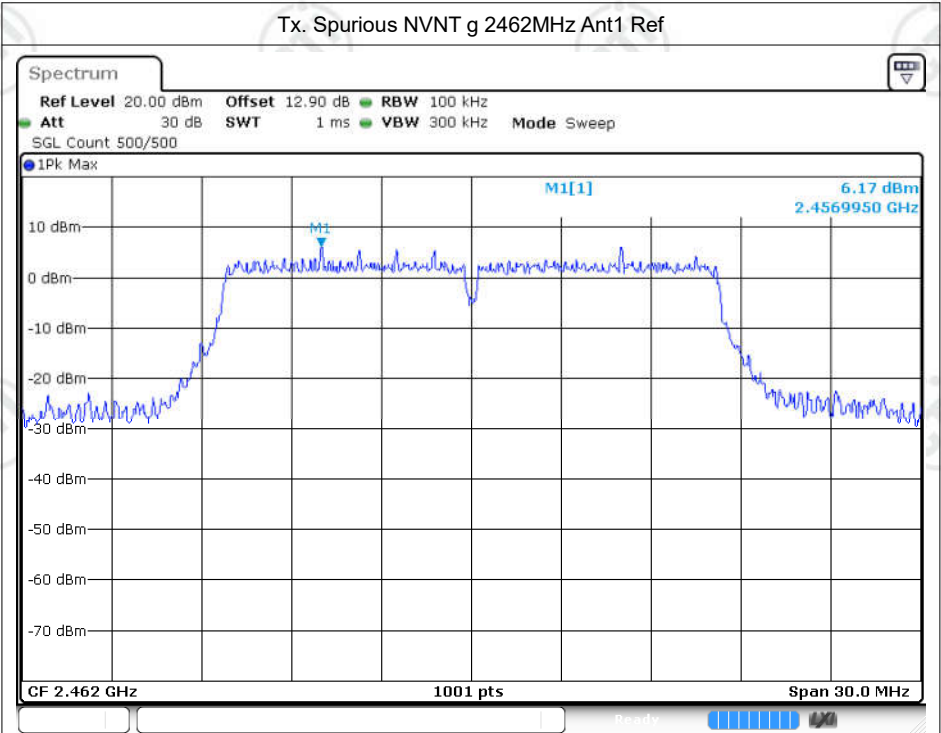
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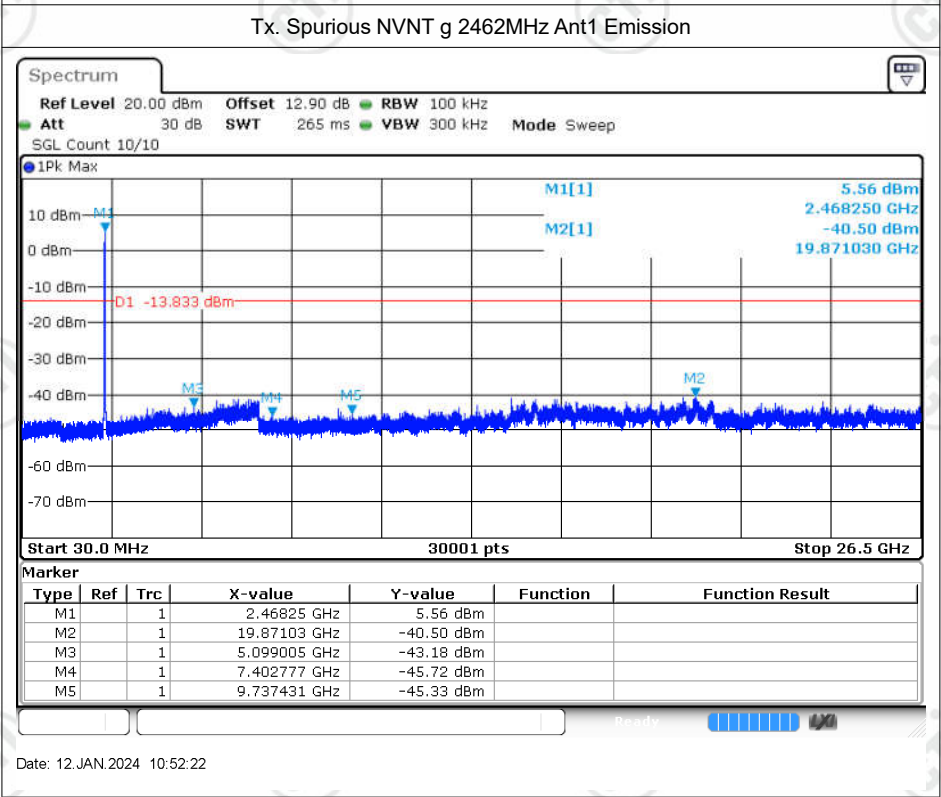
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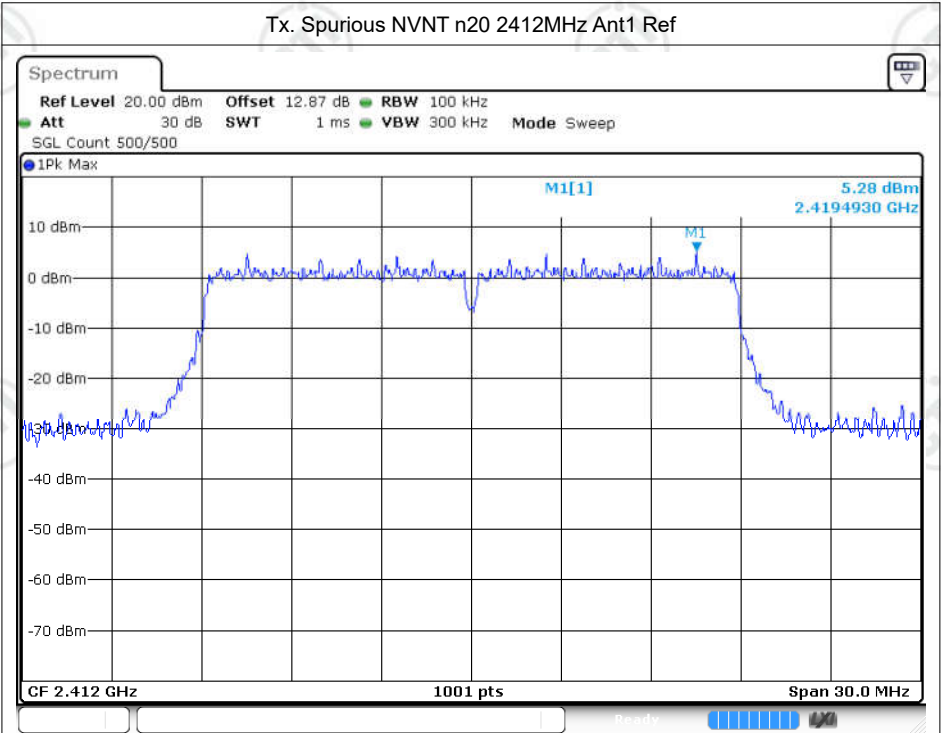
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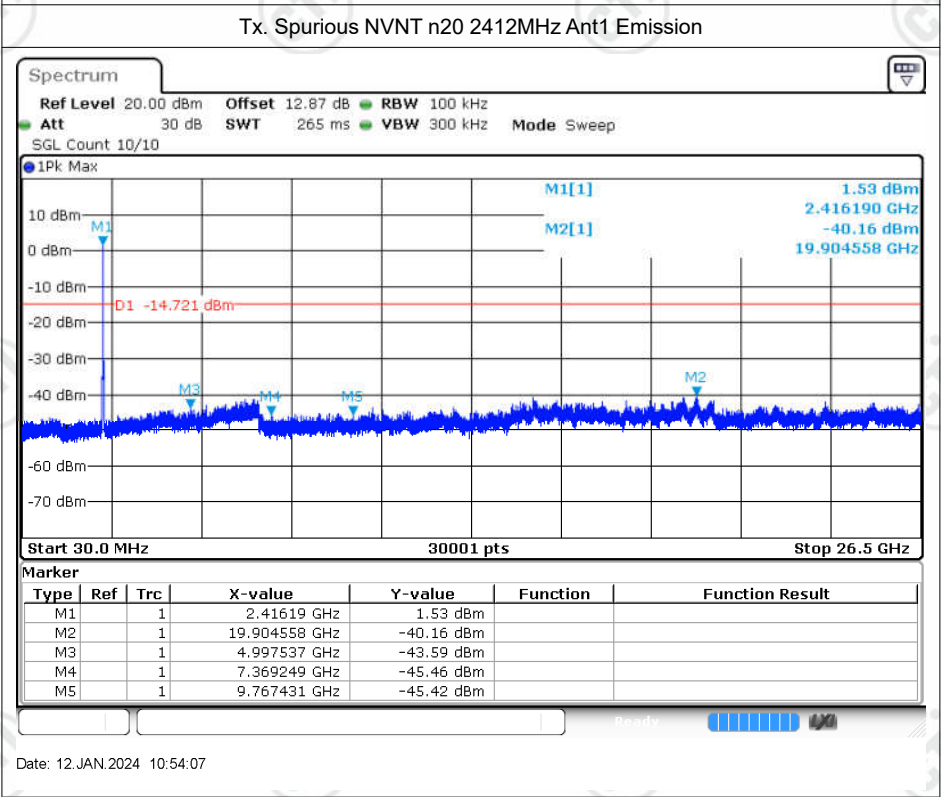
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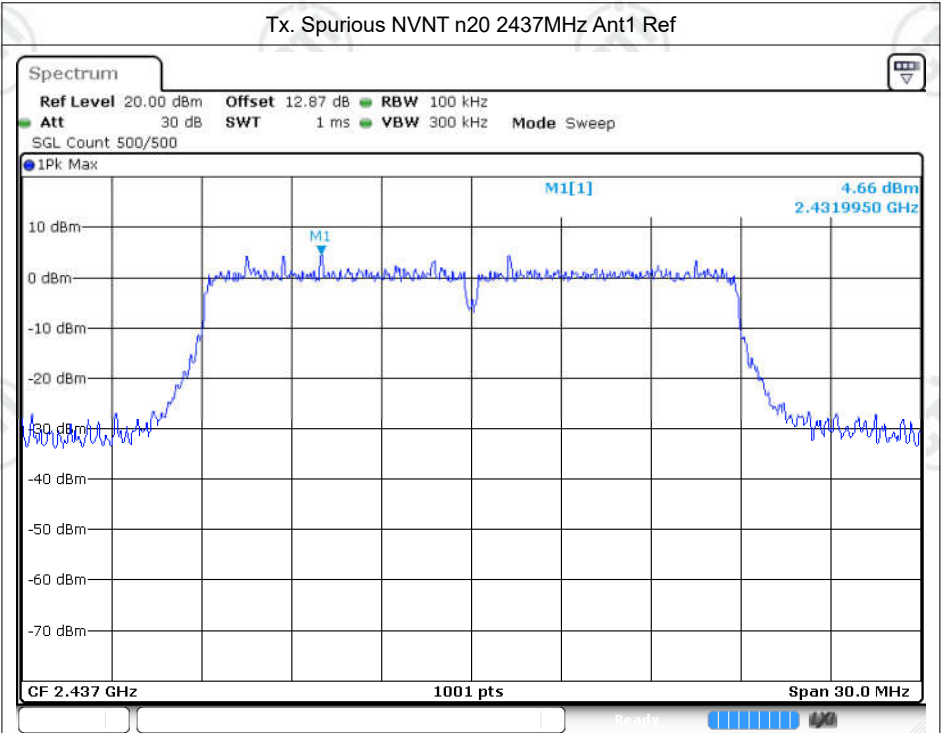
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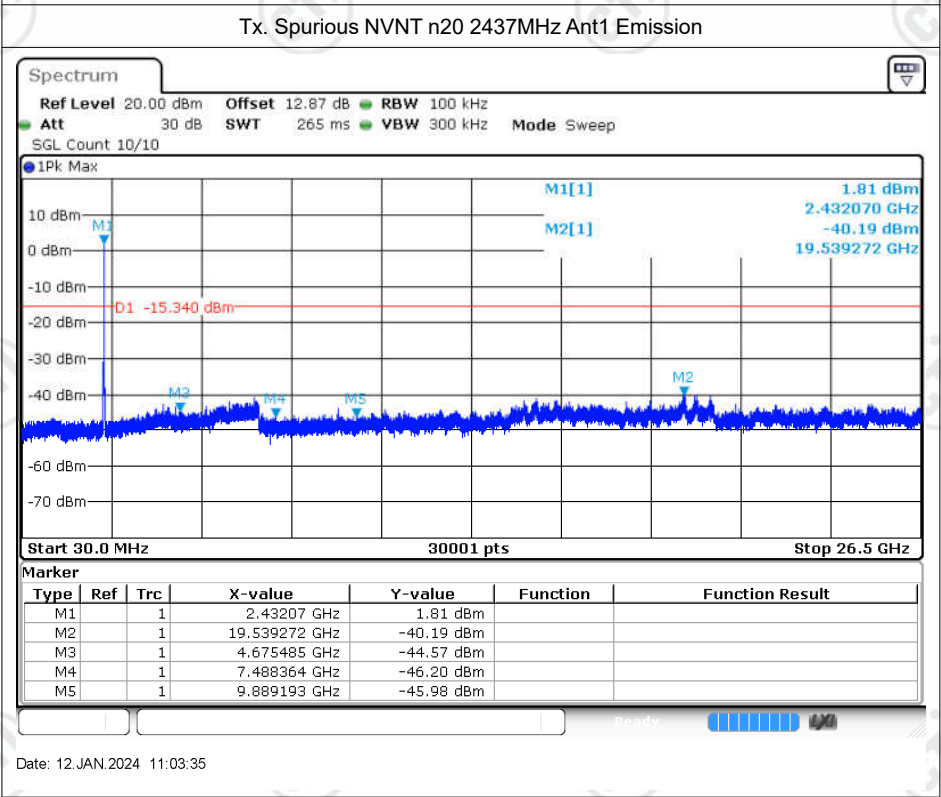
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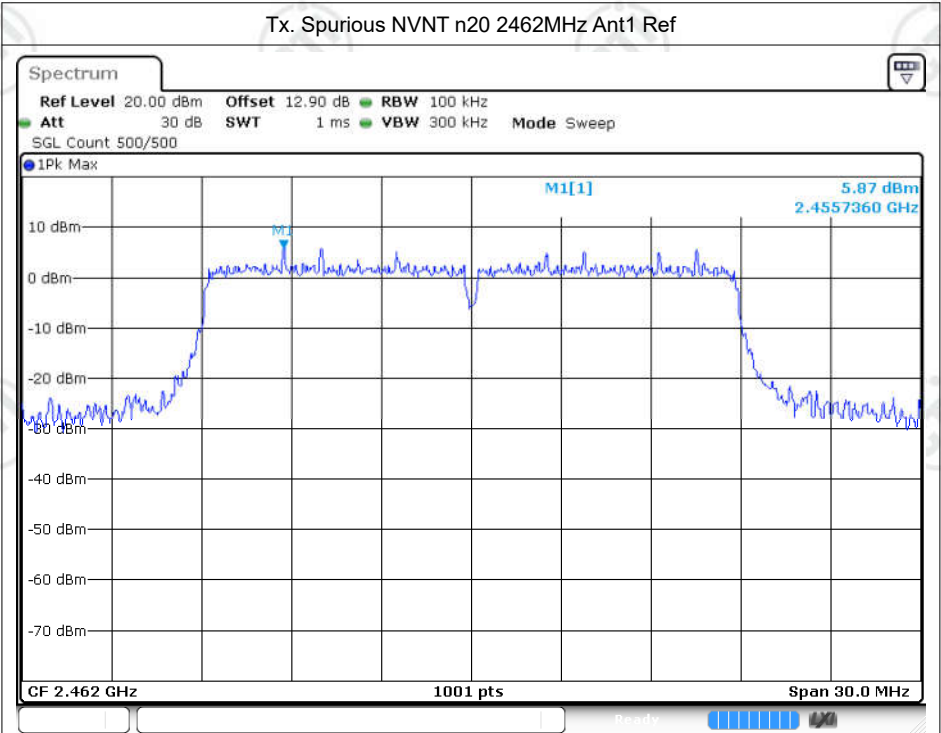
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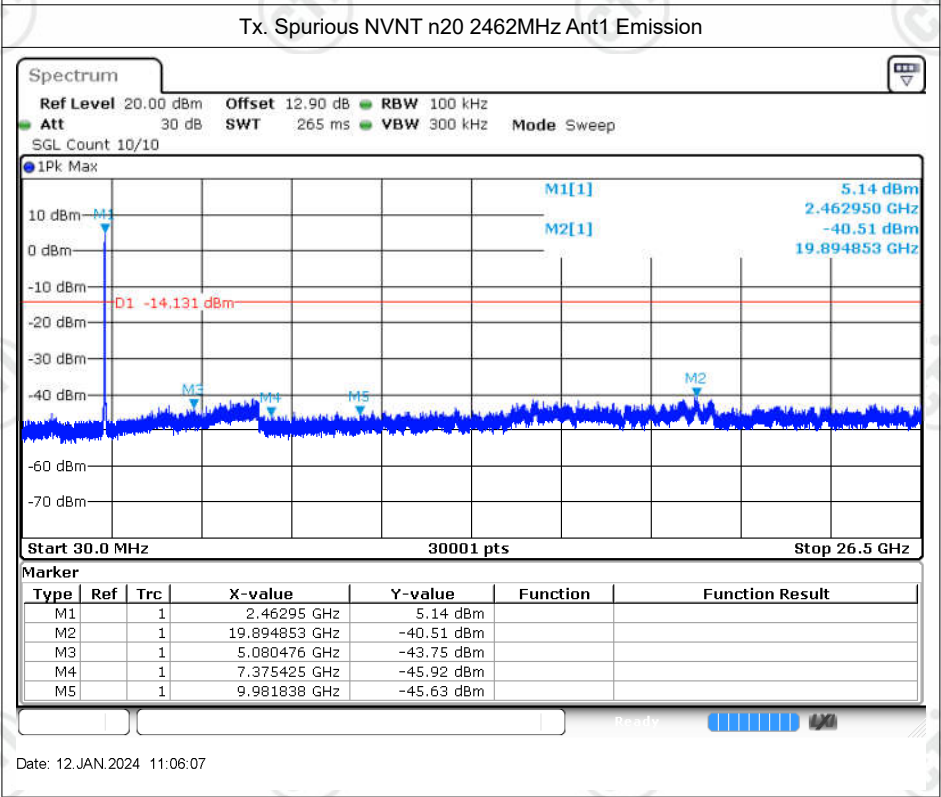
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Date: 12.JAN.2024 11:05:56



Date: 12.JAN.2024 11:06:07

*** End of Report ***