

Appendix: 2.4G Wi-Fi

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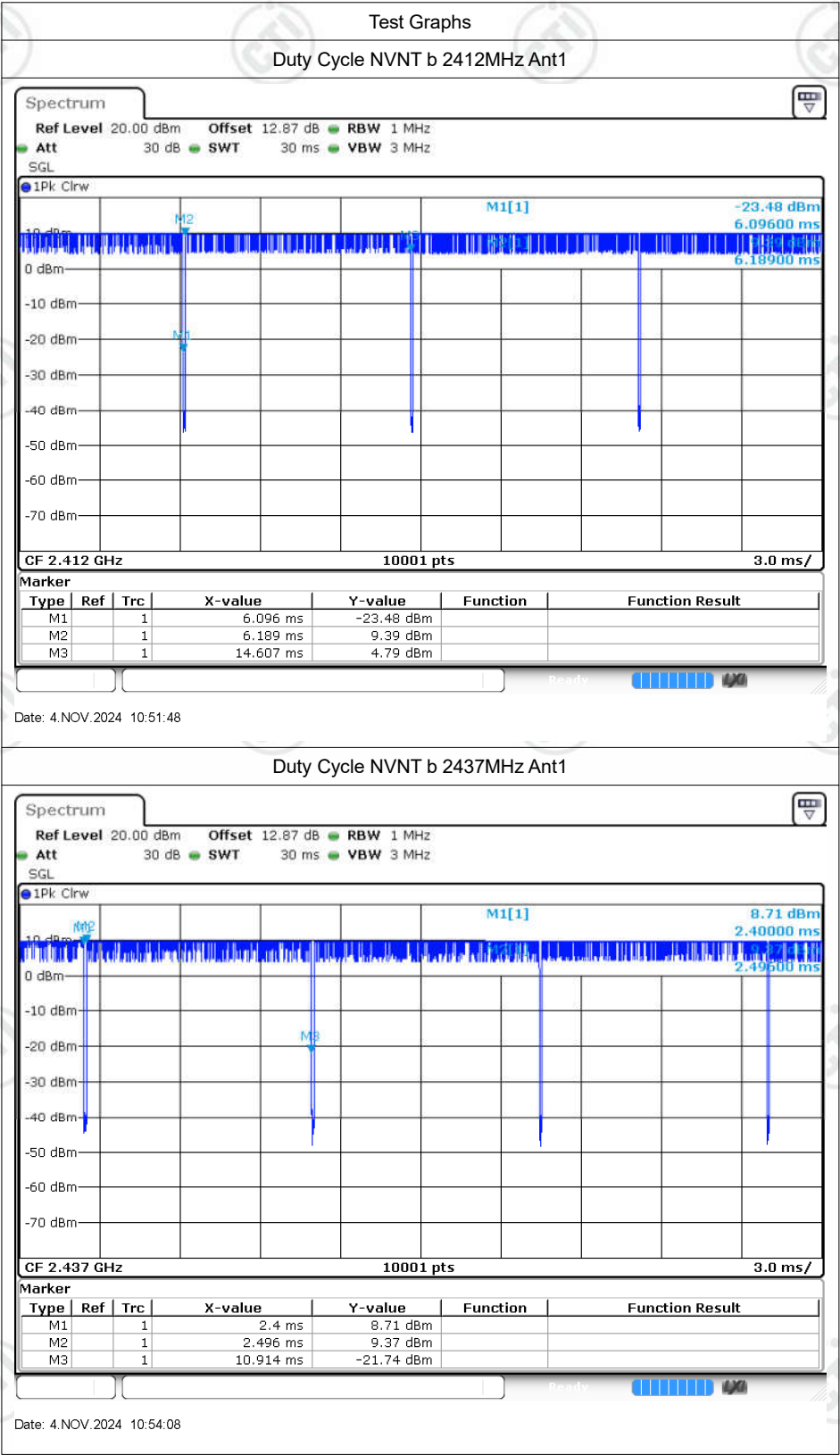
Maximum Power Spectral Density Level 22

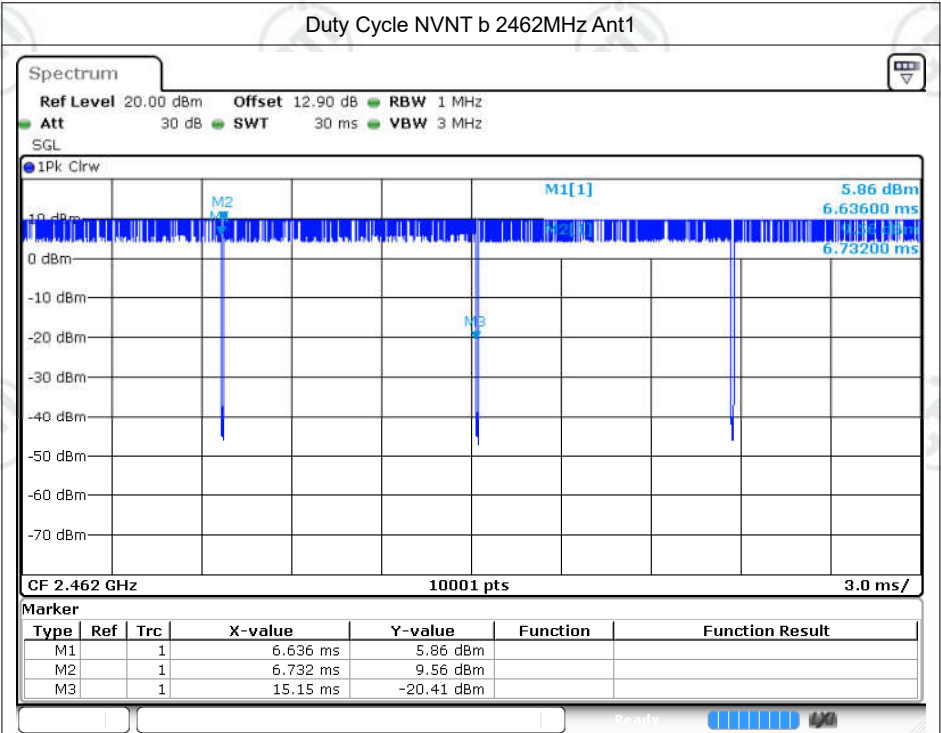
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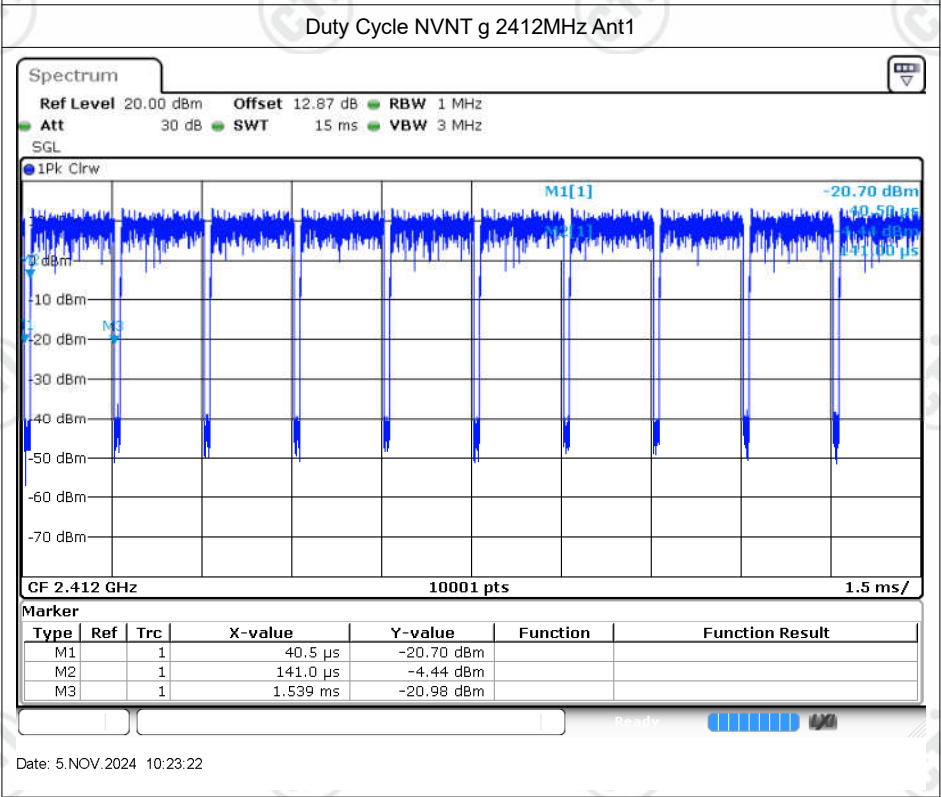
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.91	0	0.12
NVNT	b	2437	Ant1	98.87	0	0.12
NVNT	b	2462	Ant1	98.87	0	0.12
NVNT	g	2412	Ant1	93.29	0.3	0.72
NVNT	g	2437	Ant1	93.29	0.3	0.72
NVNT	g	2462	Ant1	93.1	0.31	0.72
NVNT	n20	2412	Ant1	92.77	0.33	0.76
NVNT	n20	2437	Ant1	92.98	0.32	0.76
NVNT	n20	2462	Ant1	92.78	0.33	0.76

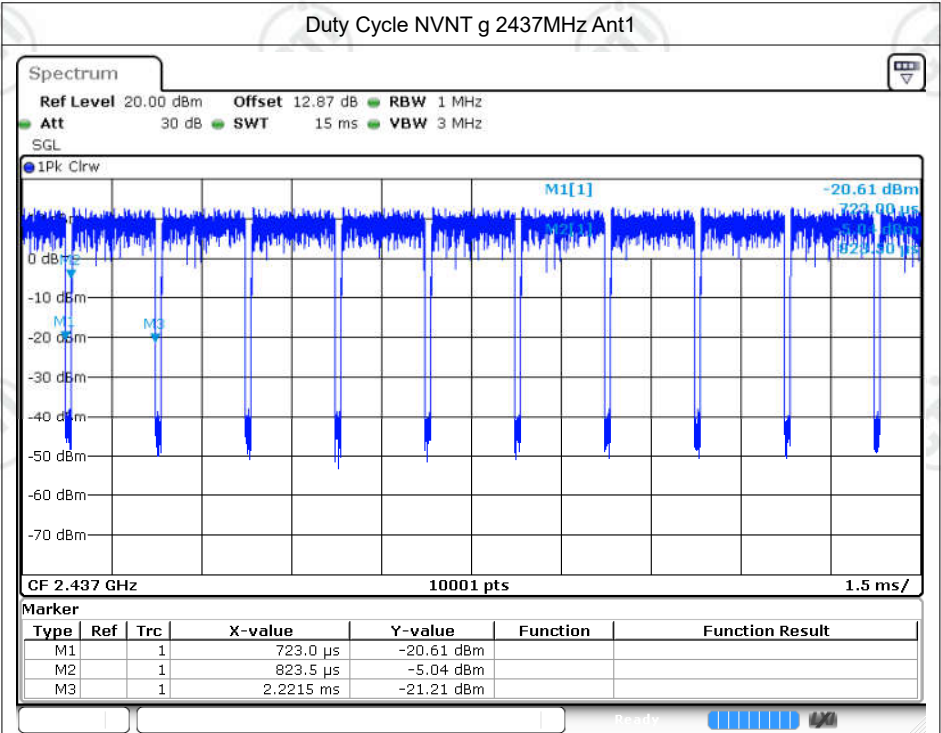




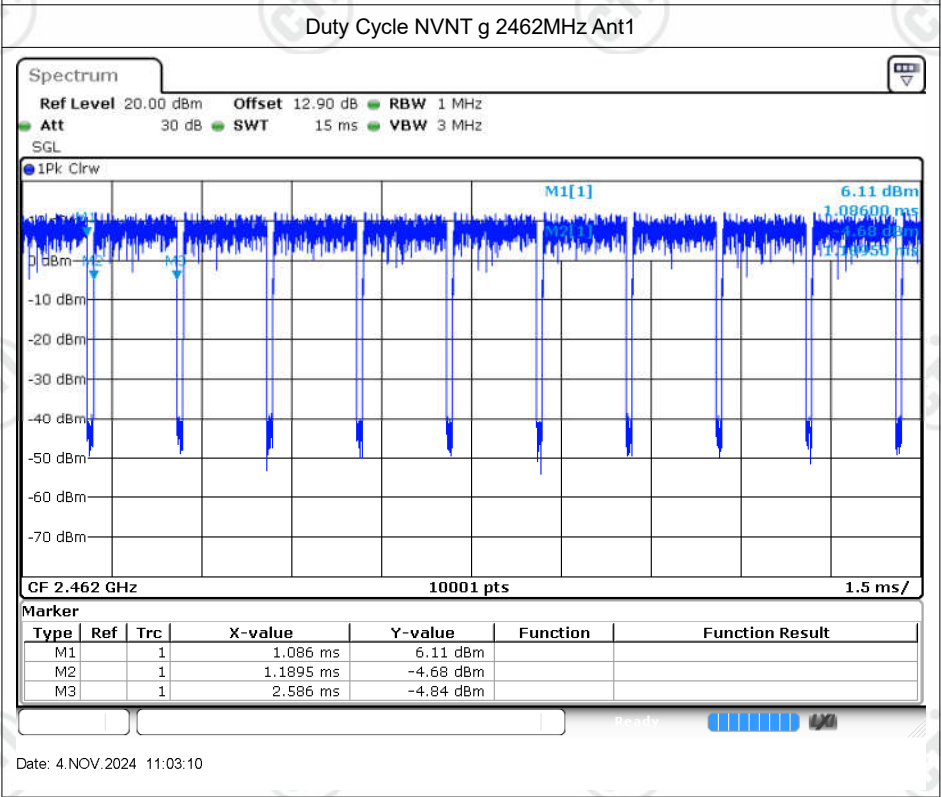
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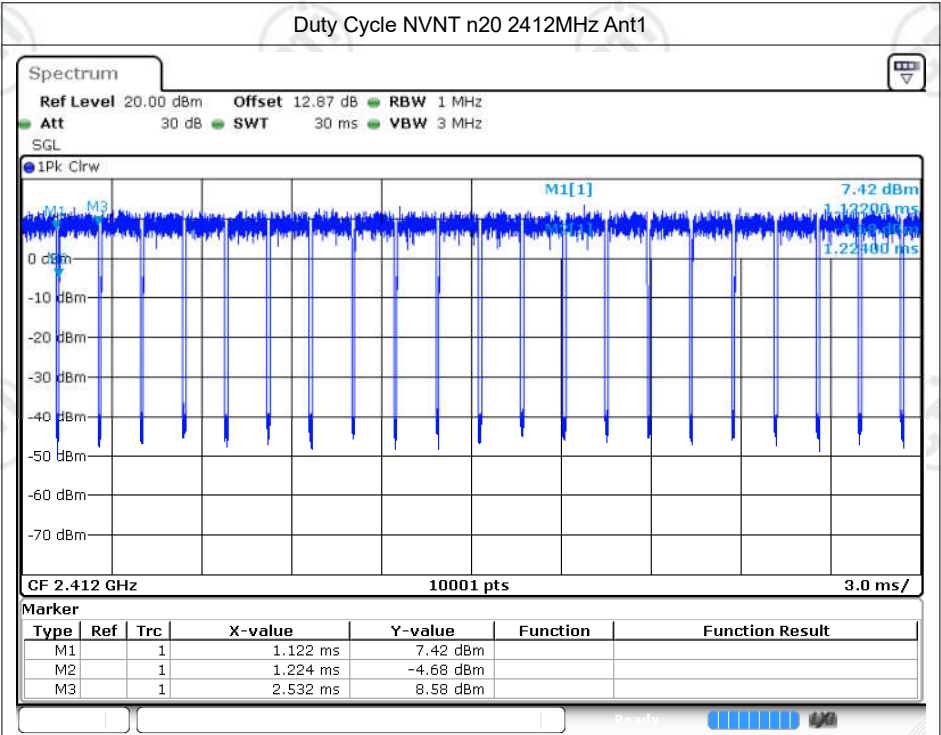
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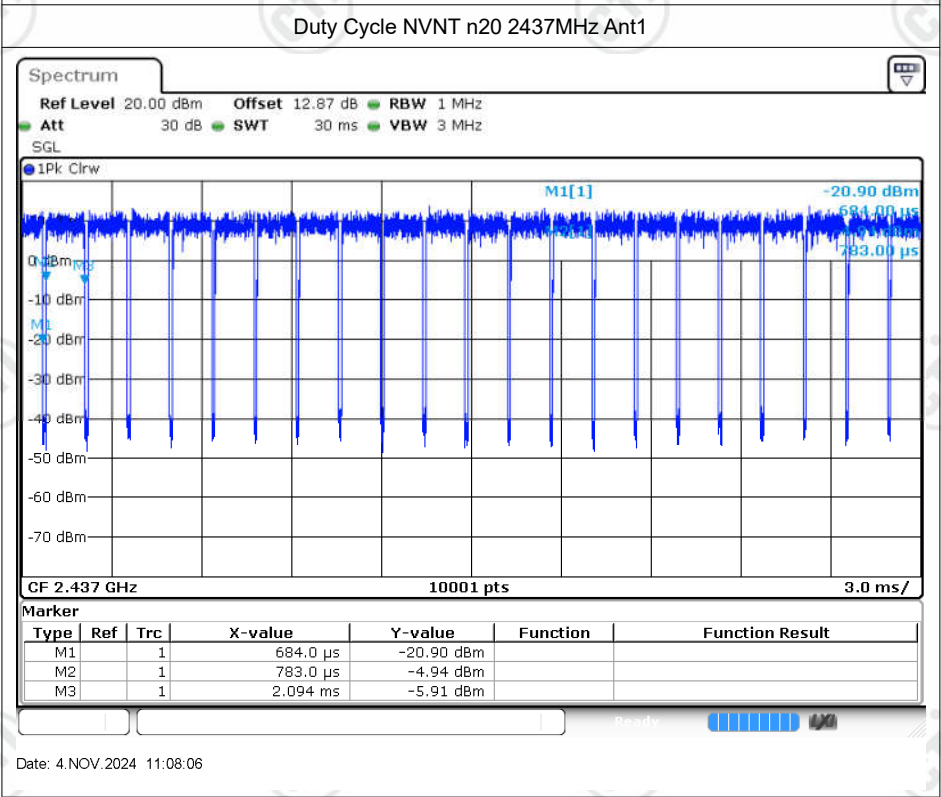
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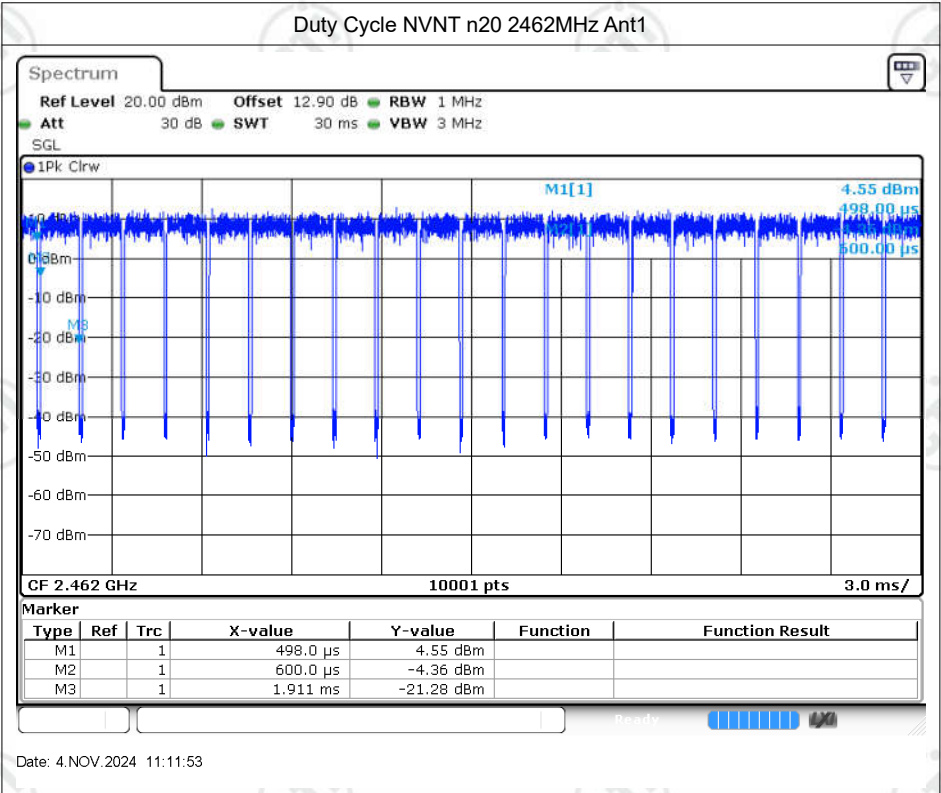
Date: 4.NOV.2024 11:03:10



Date: 4.NOV.2024 11:05:53



Date: 4.NOV.2024 11:08:06



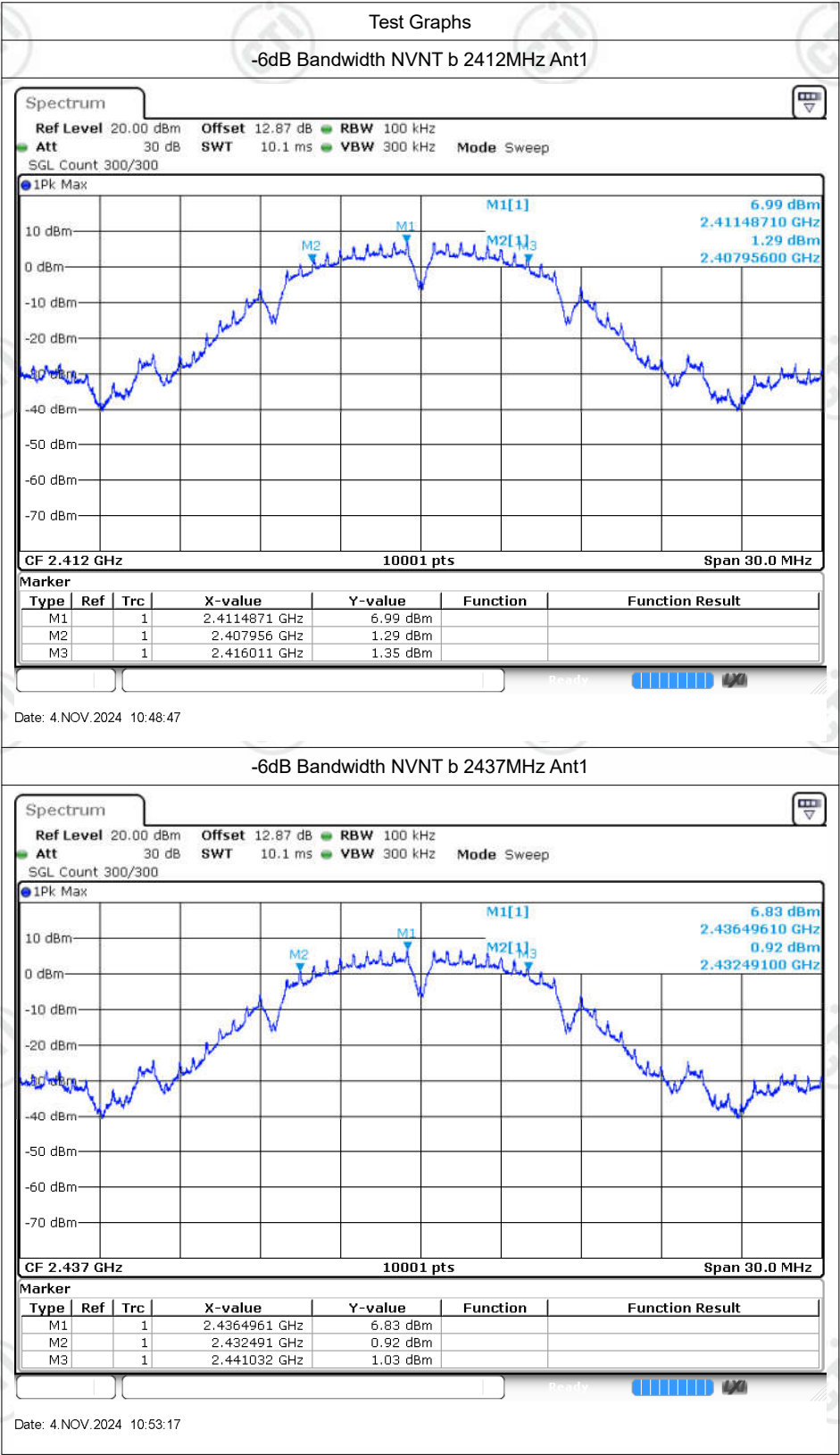
Maximum Peak Conducted Output Power

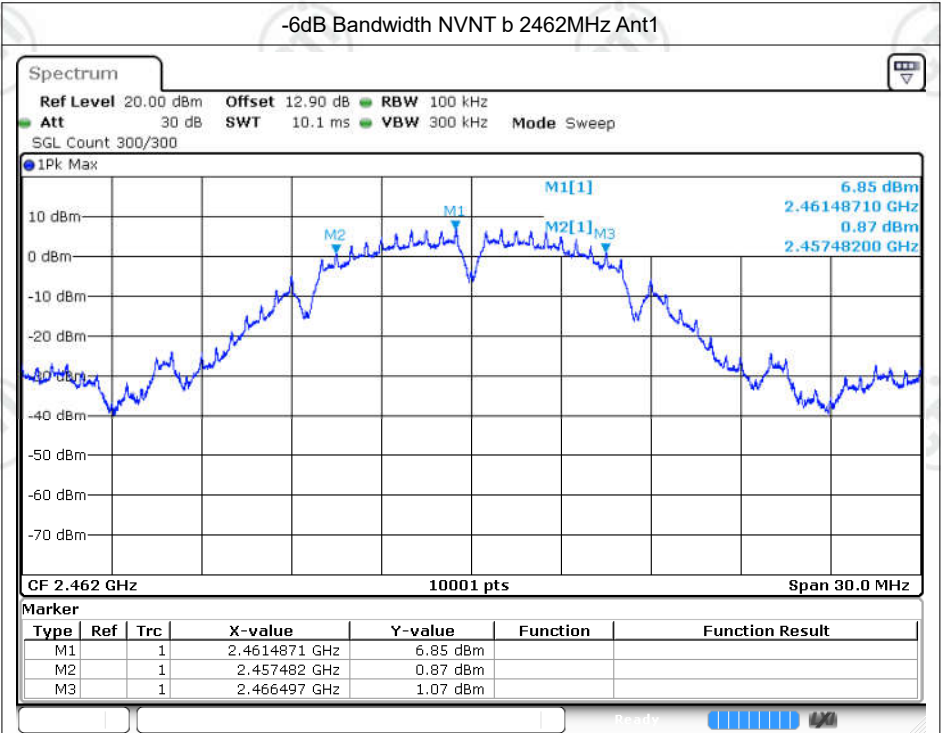
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.76	30	Pass
NVNT	b	2437	Ant1	15.67	30	Pass
NVNT	b	2462	Ant1	15.51	30	Pass
NVNT	g	2412	Ant1	15.47	30	Pass
NVNT	g	2437	Ant1	15.38	30	Pass
NVNT	g	2462	Ant1	15.04	30	Pass
NVNT	n20	2412	Ant1	15.13	30	Pass
NVNT	n20	2437	Ant1	15.07	30	Pass
NVNT	n20	2462	Ant1	14.75	30	Pass

Note:The test data has been added duty cycle factor.

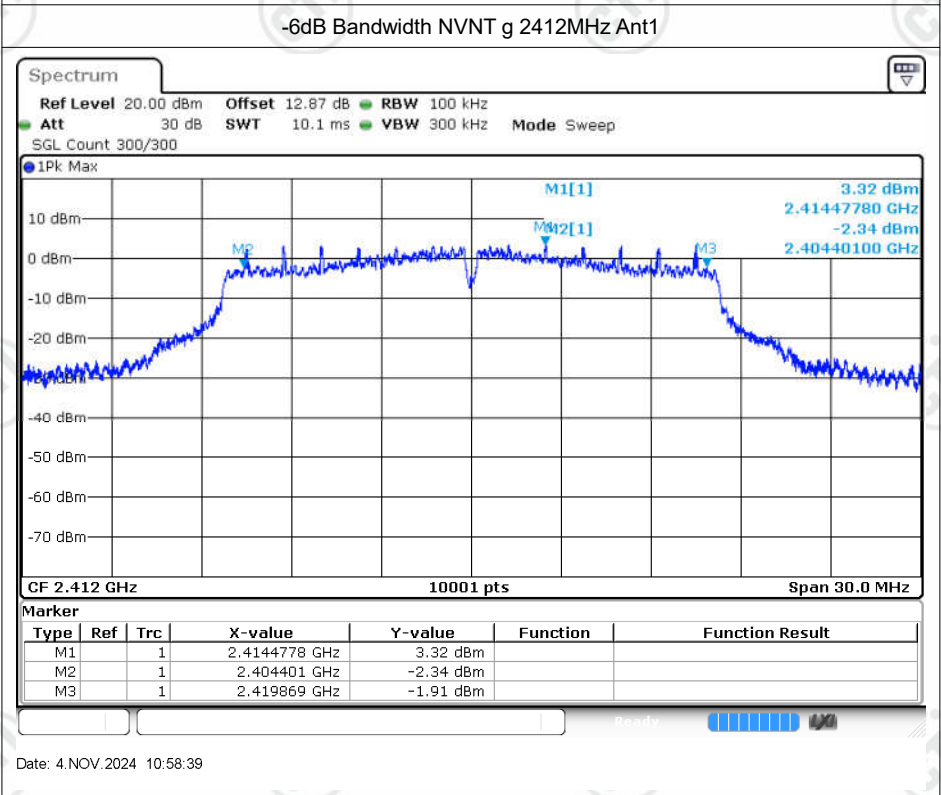
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.055	0.5	Pass
NVNT	b	2437	Ant1	8.541	0.5	Pass
NVNT	b	2462	Ant1	9.015	0.5	Pass
NVNT	g	2412	Ant1	15.468	0.5	Pass
NVNT	g	2437	Ant1	15.45	0.5	Pass
NVNT	g	2462	Ant1	15.495	0.5	Pass
NVNT	n20	2412	Ant1	16.239	0.5	Pass
NVNT	n20	2437	Ant1	15.333	0.5	Pass
NVNT	n20	2462	Ant1	15.954	0.5	Pass

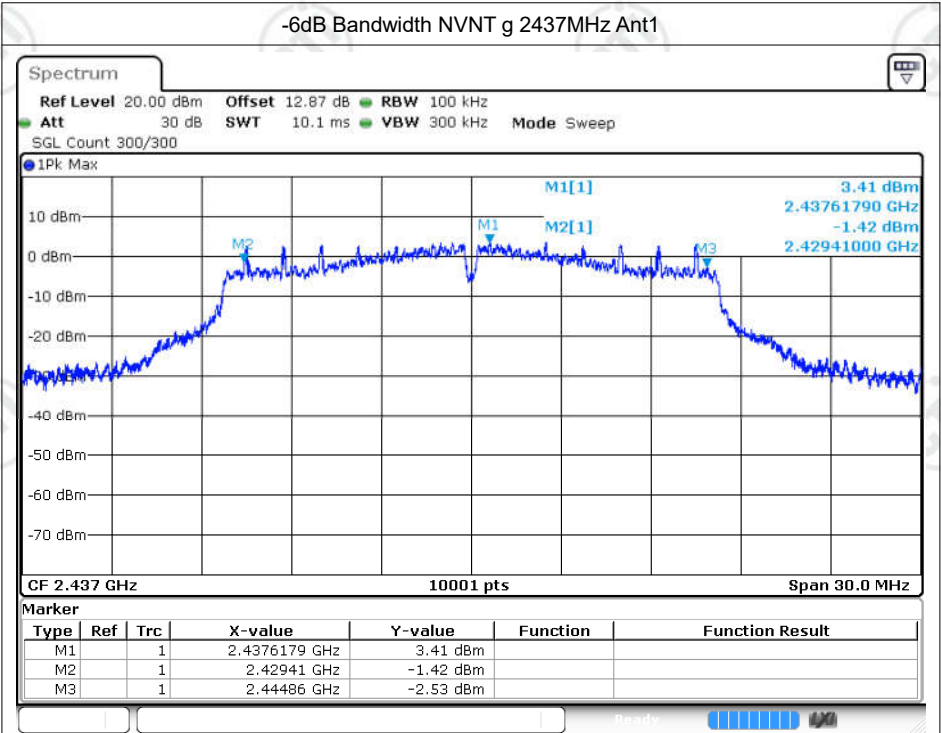




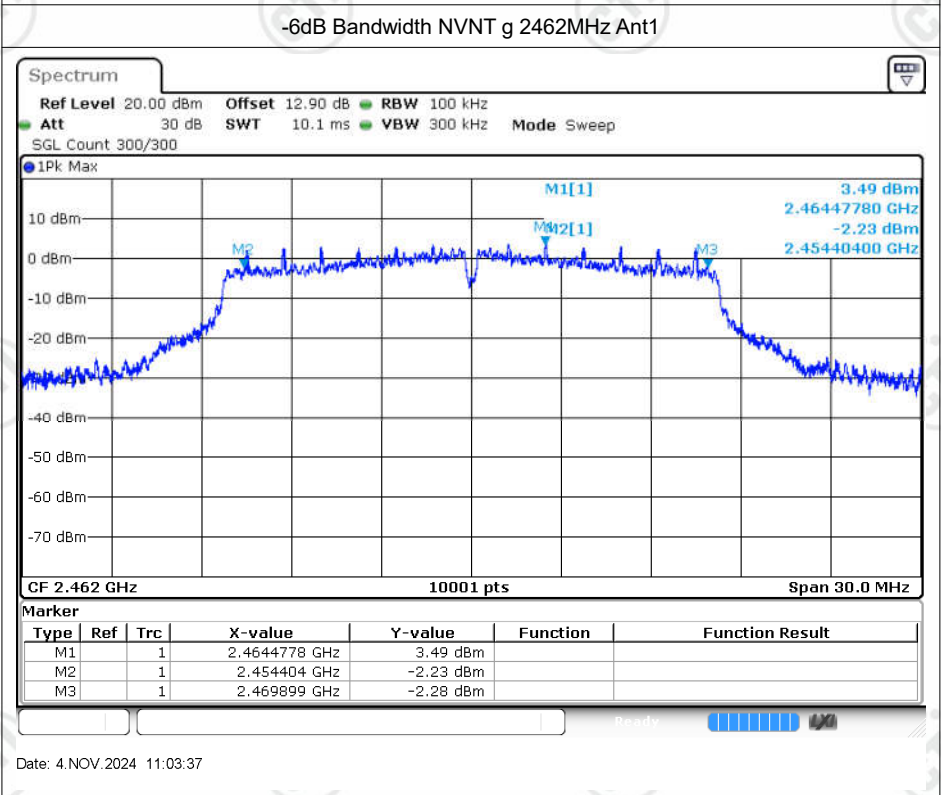
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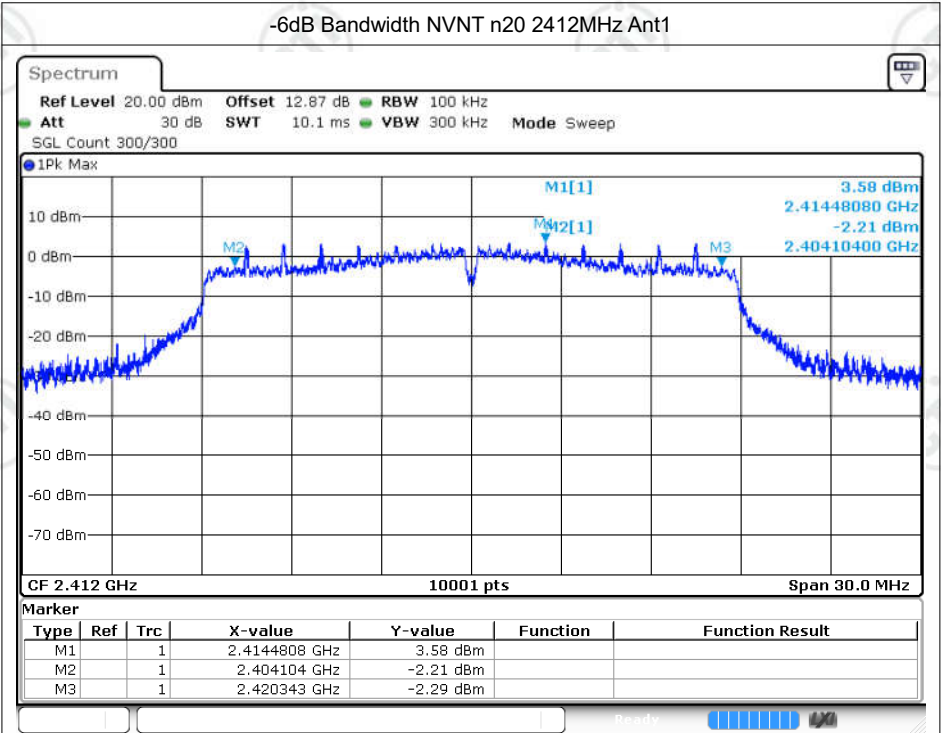
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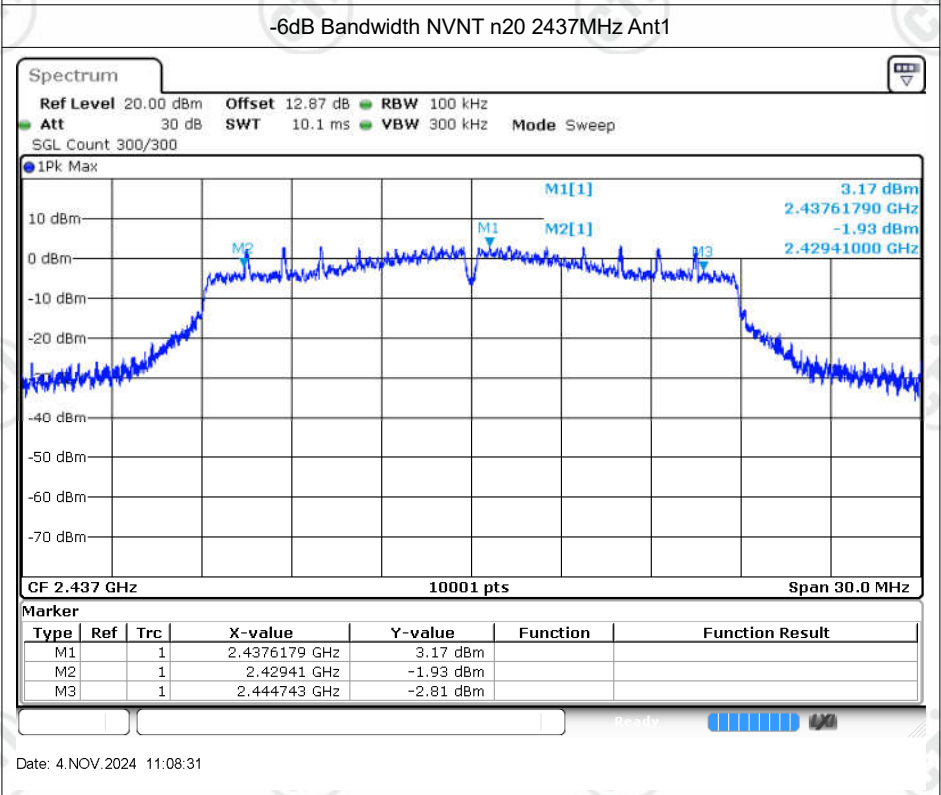
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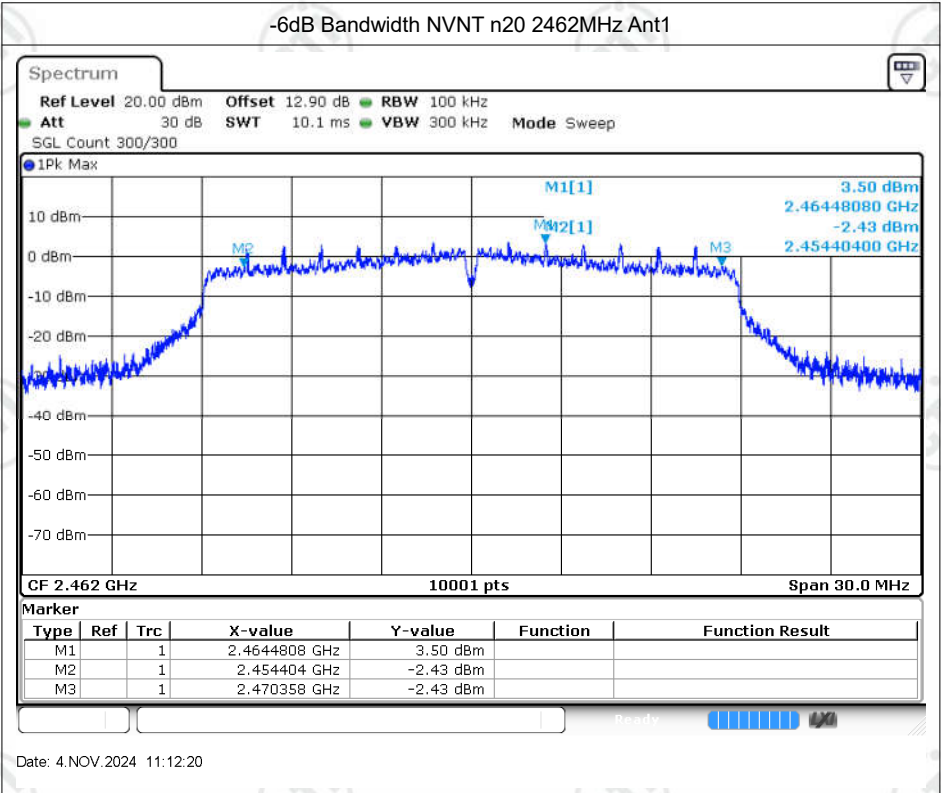
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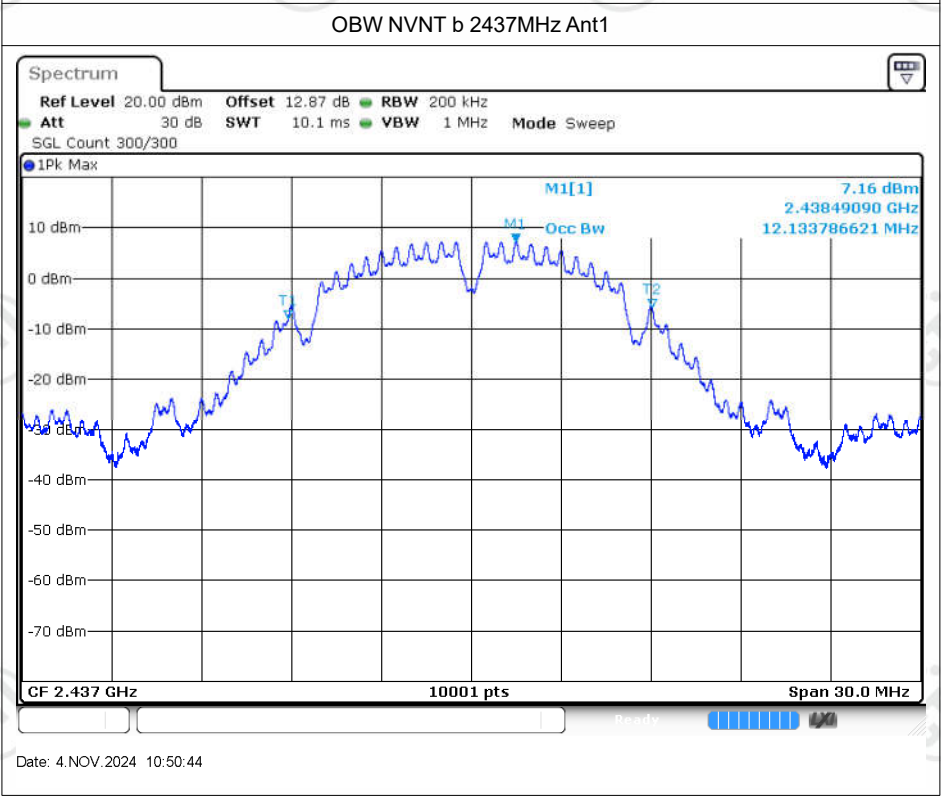
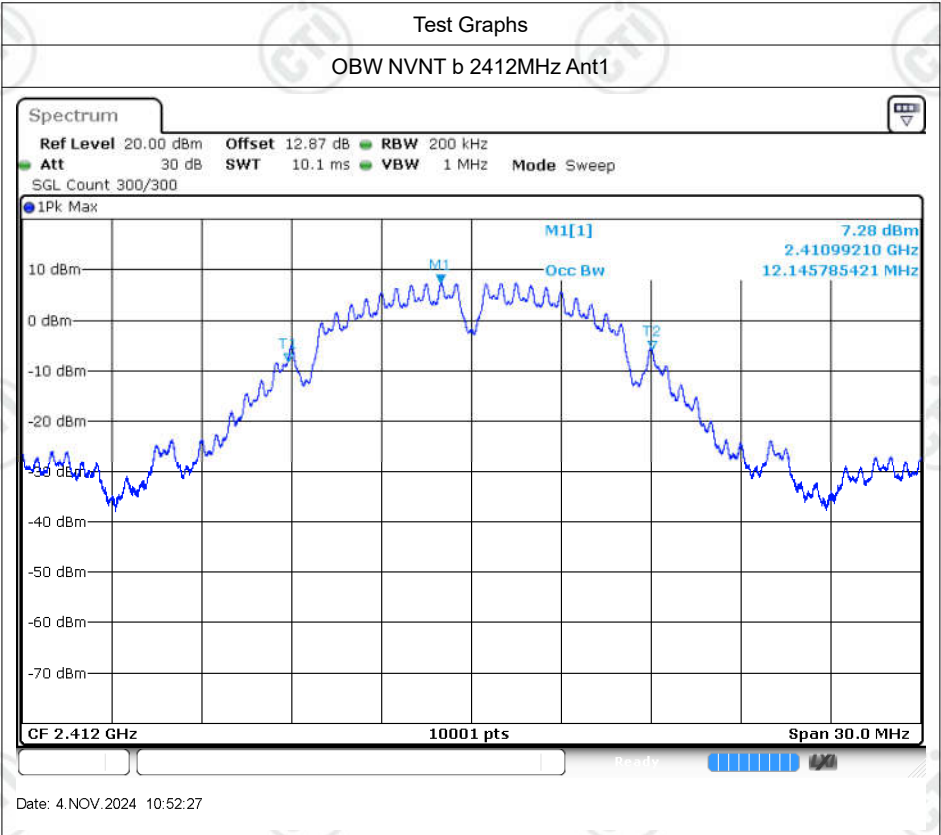


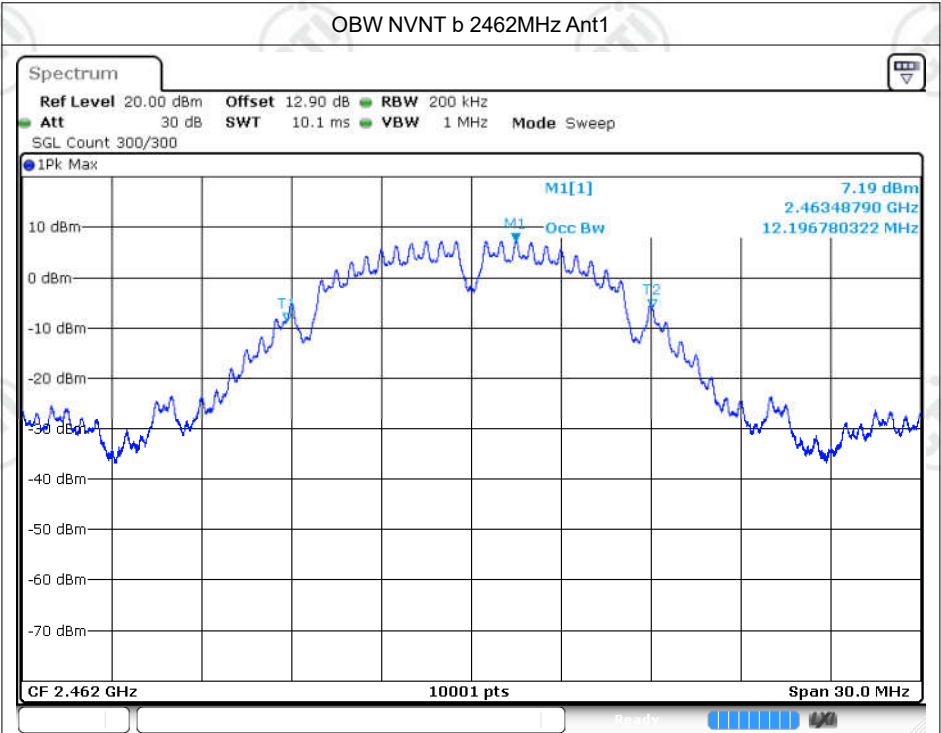
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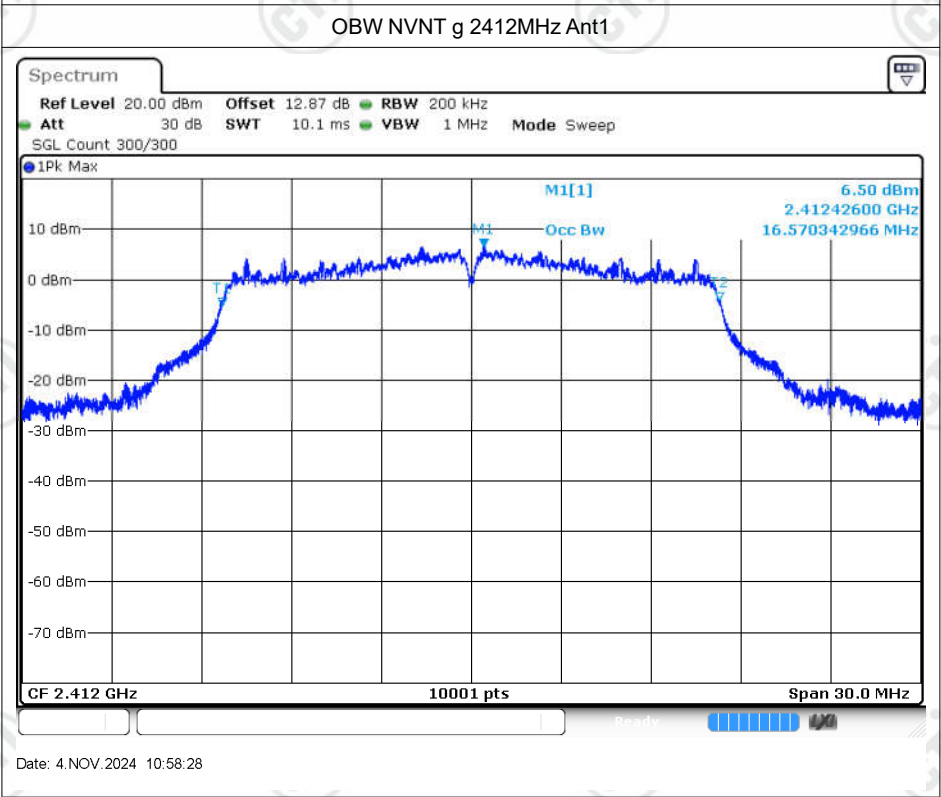
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.146
NVNT	b	2437	Ant1	12.134
NVNT	b	2462	Ant1	12.197
NVNT	g	2412	Ant1	16.57
NVNT	g	2437	Ant1	16.468
NVNT	g	2462	Ant1	16.561
NVNT	n20	2412	Ant1	17.716
NVNT	n20	2437	Ant1	17.623
NVNT	n20	2462	Ant1	17.704

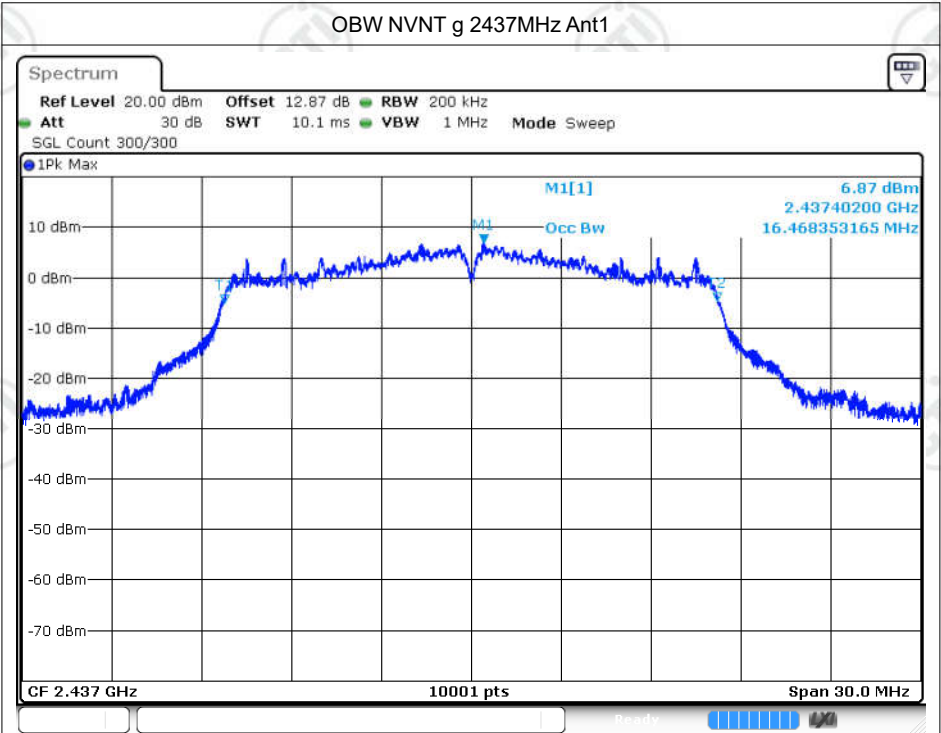




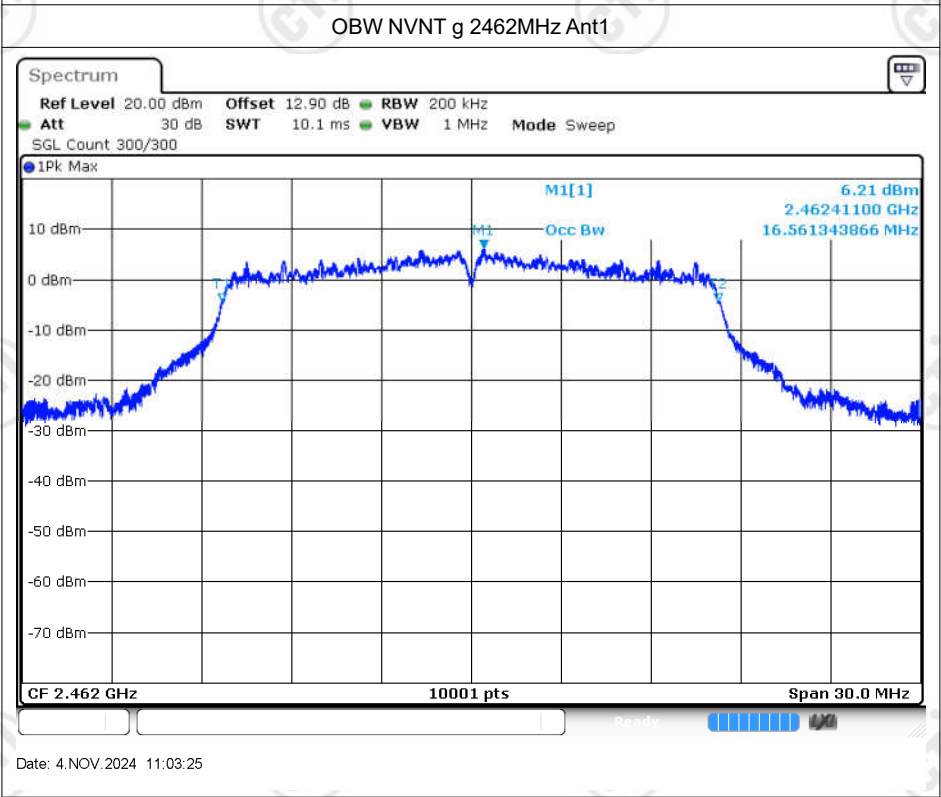
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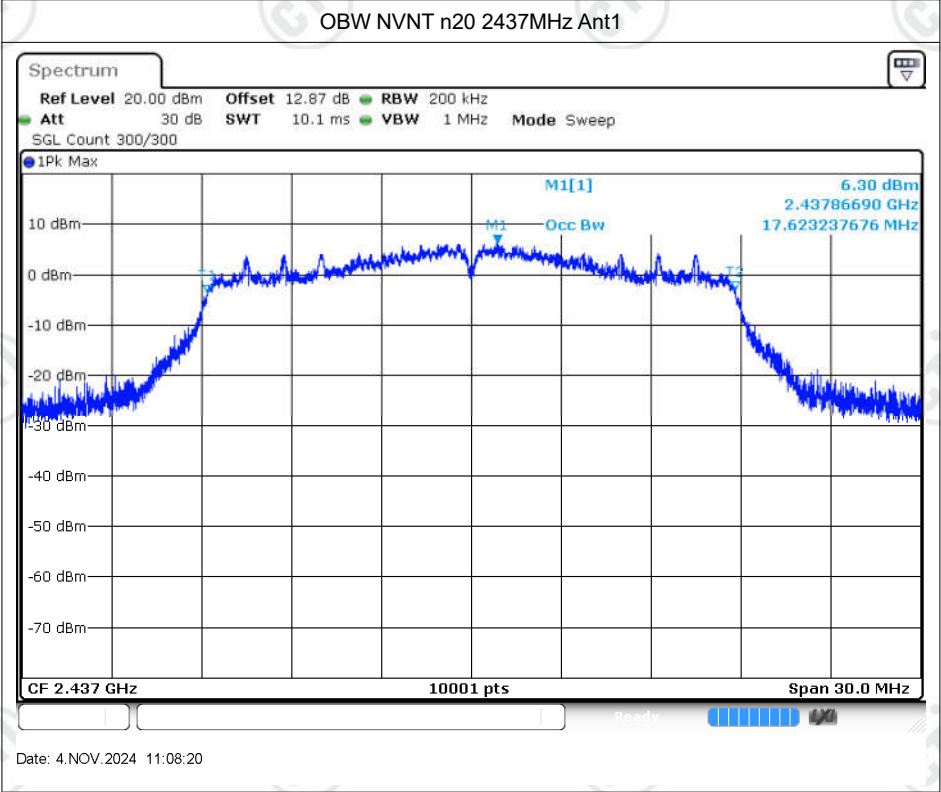
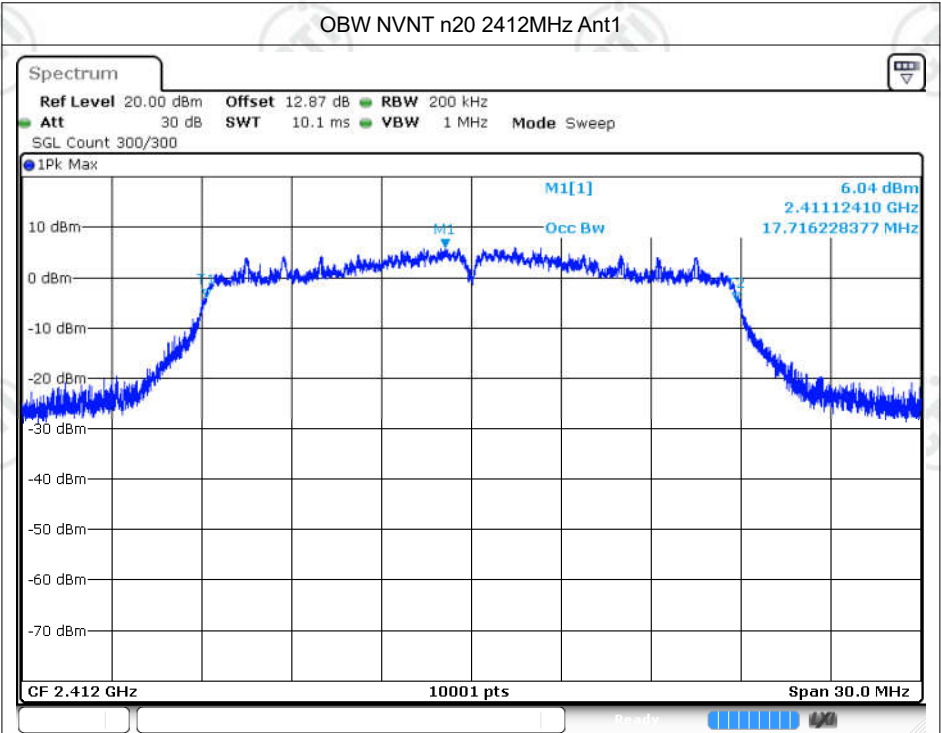
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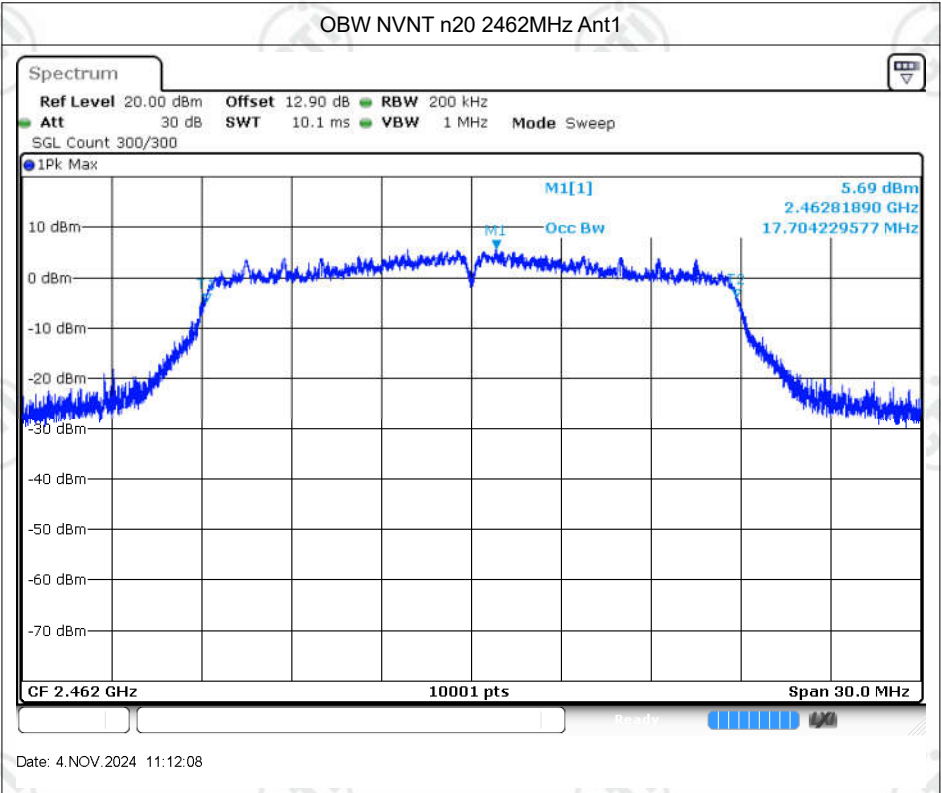


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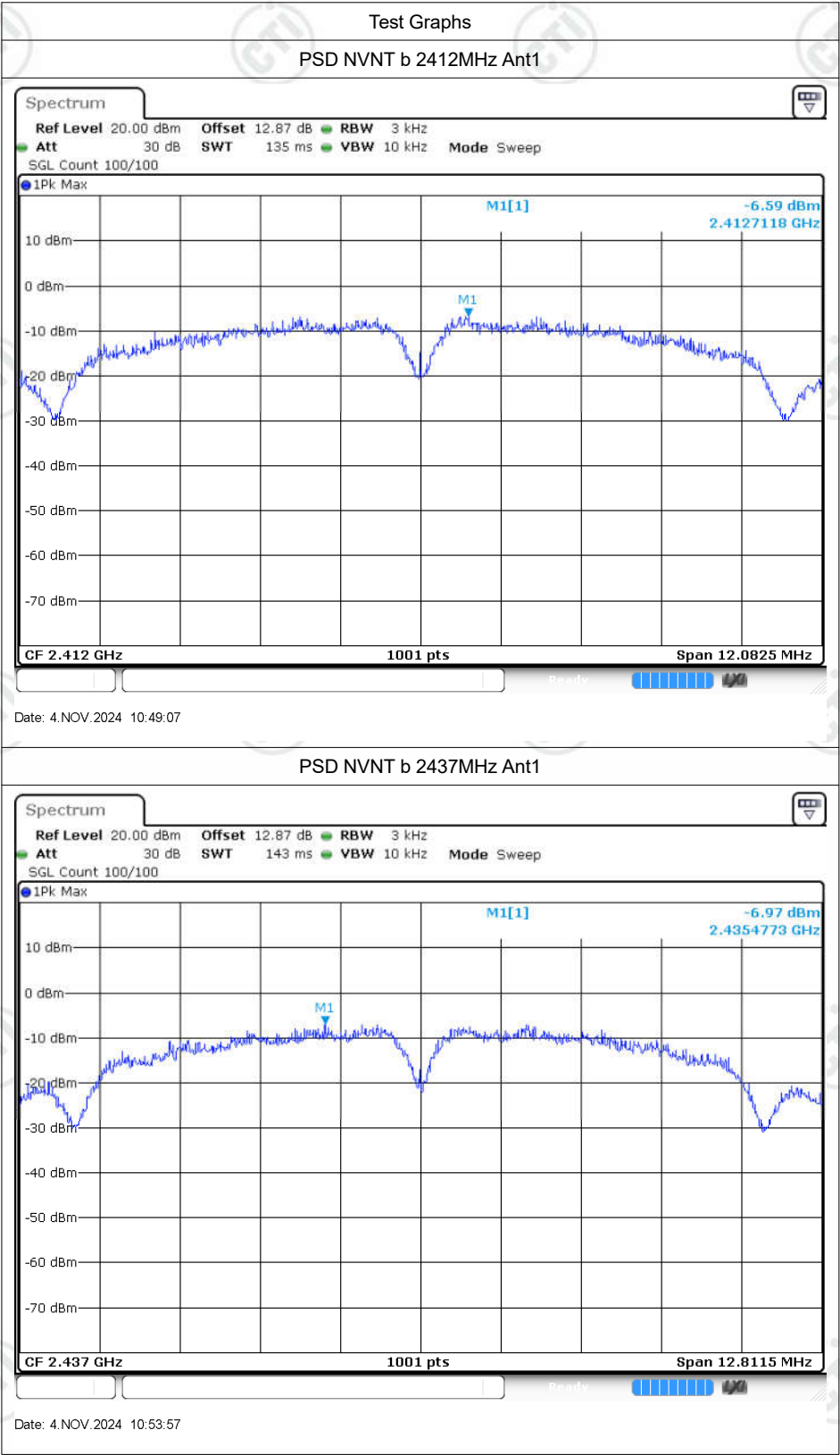


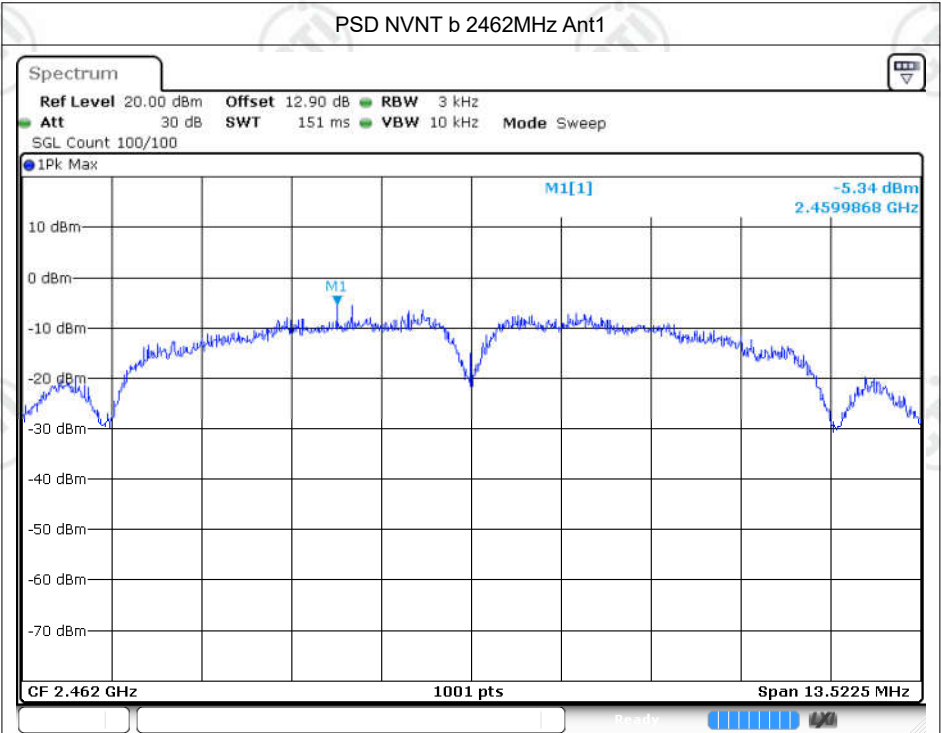


Maximum Power Spectral Density Level

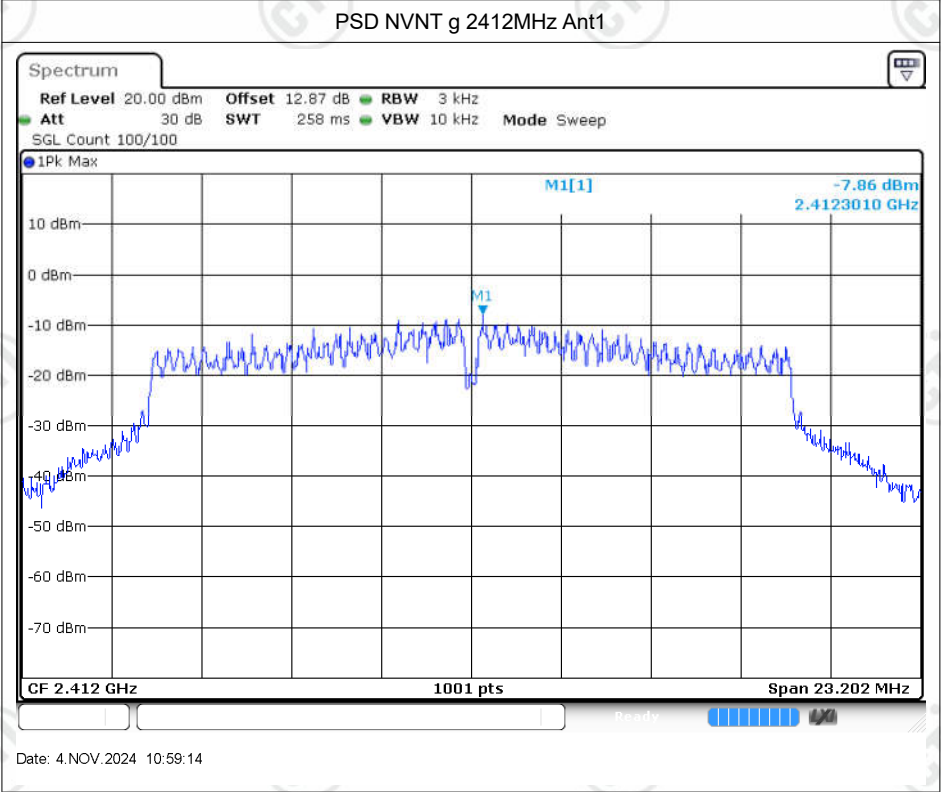
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-6.59	8	Pass
NVNT	b	2437	Ant1	-6.97	8	Pass
NVNT	b	2462	Ant1	-5.34	8	Pass
NVNT	g	2412	Ant1	-7.86	8	Pass
NVNT	g	2437	Ant1	-7.39	8	Pass
NVNT	g	2462	Ant1	-7.88	8	Pass
NVNT	n20	2412	Ant1	-7.7	8	Pass
NVNT	n20	2437	Ant1	-8.12	8	Pass
NVNT	n20	2462	Ant1	-8.34	8	Pass

Note:The test data has been added duty cycle factor.

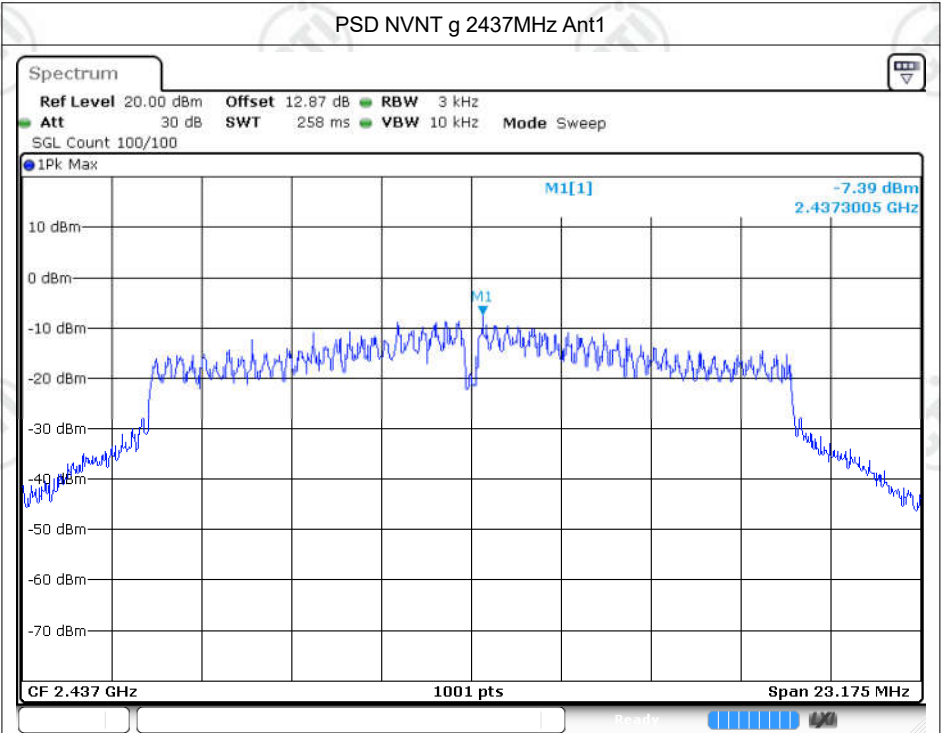




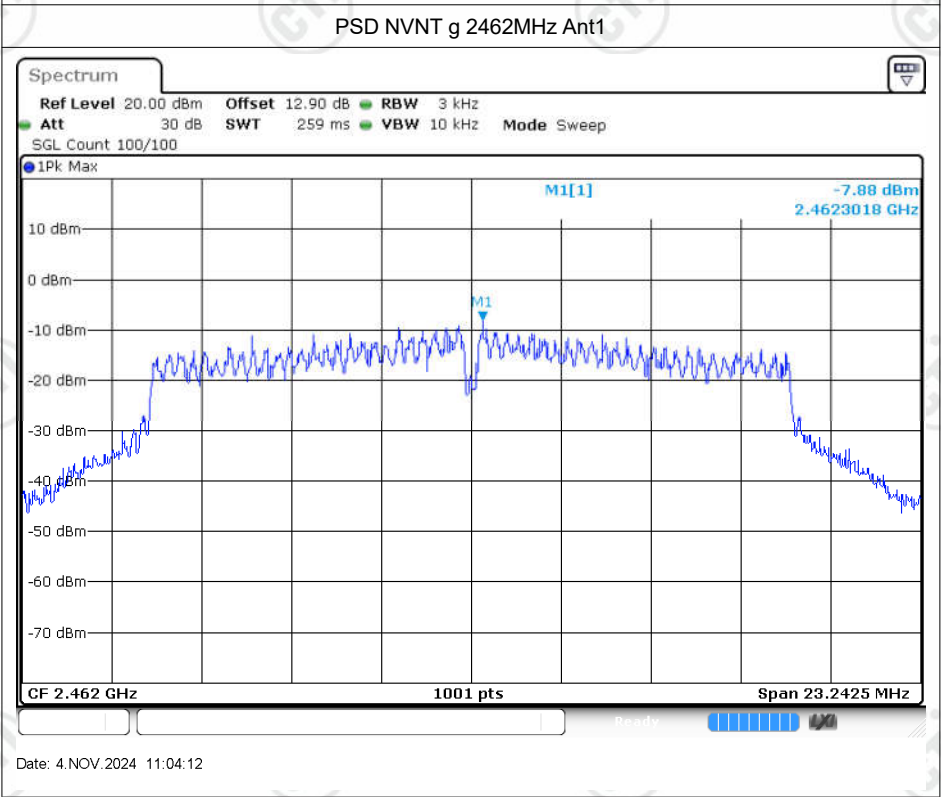
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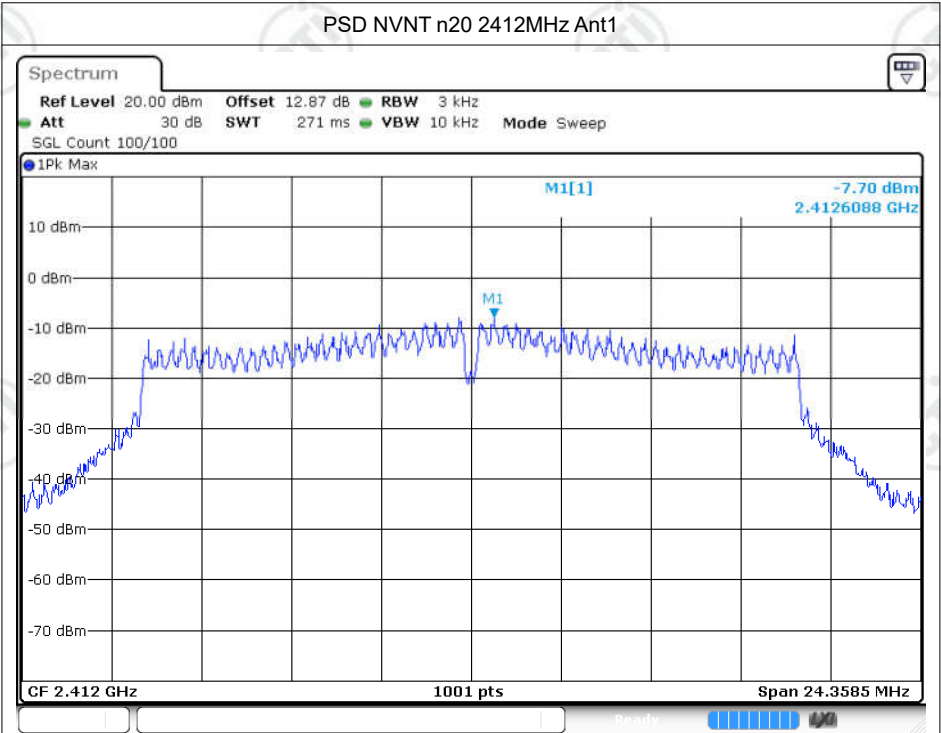
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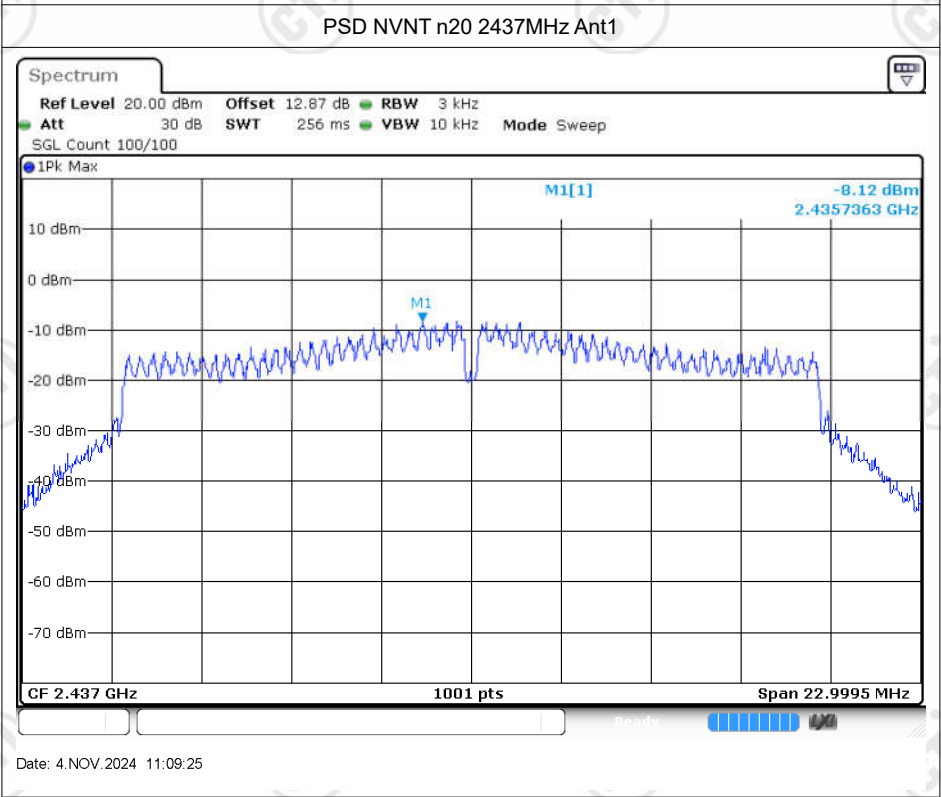
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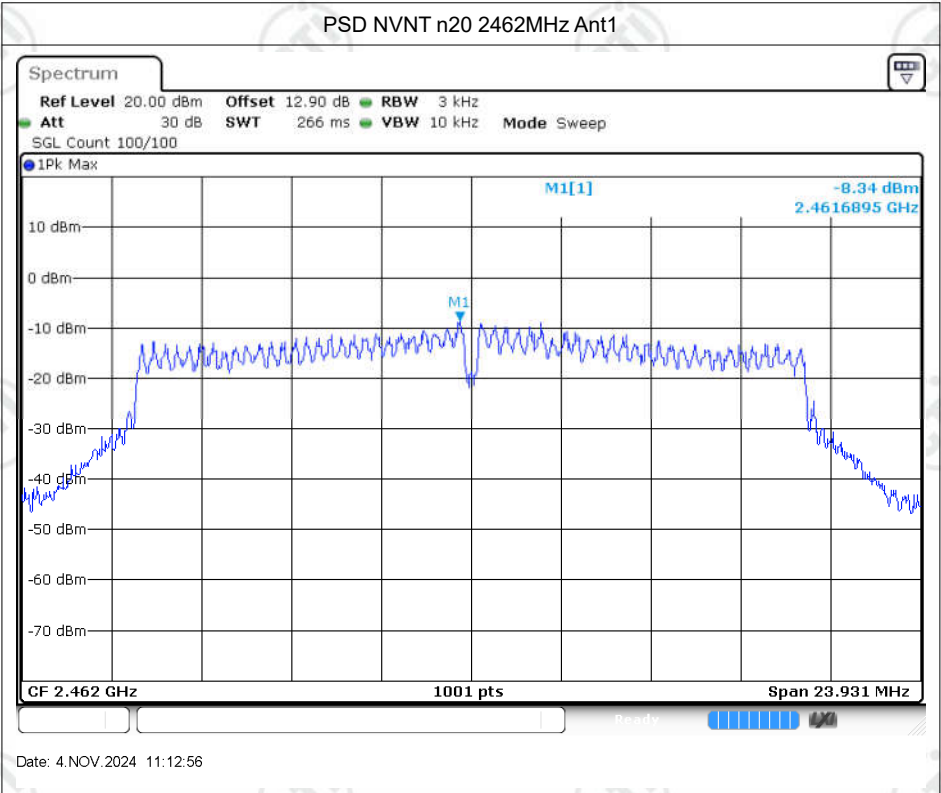
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Date: 4.NOV.2024 11:06:53

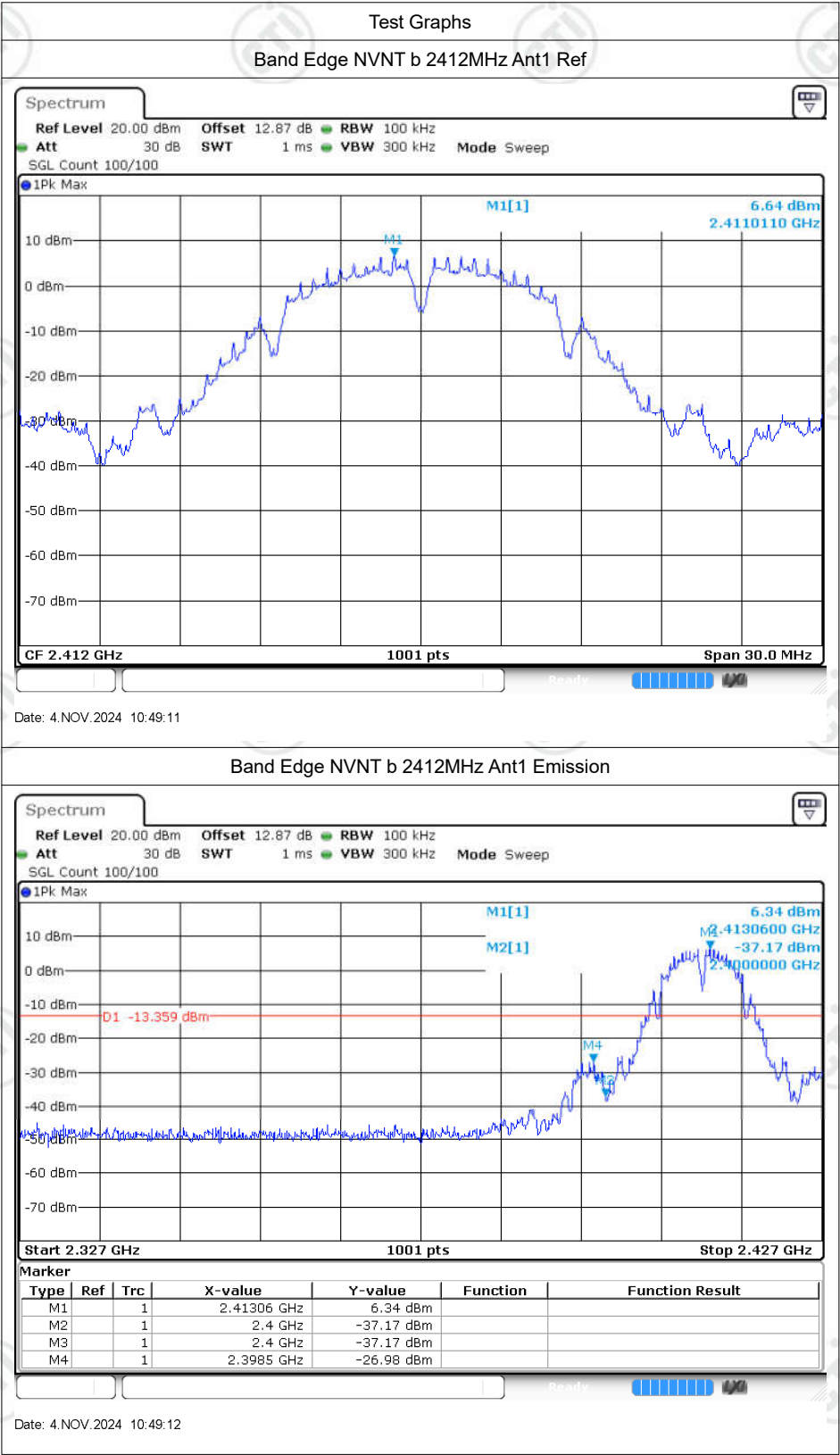


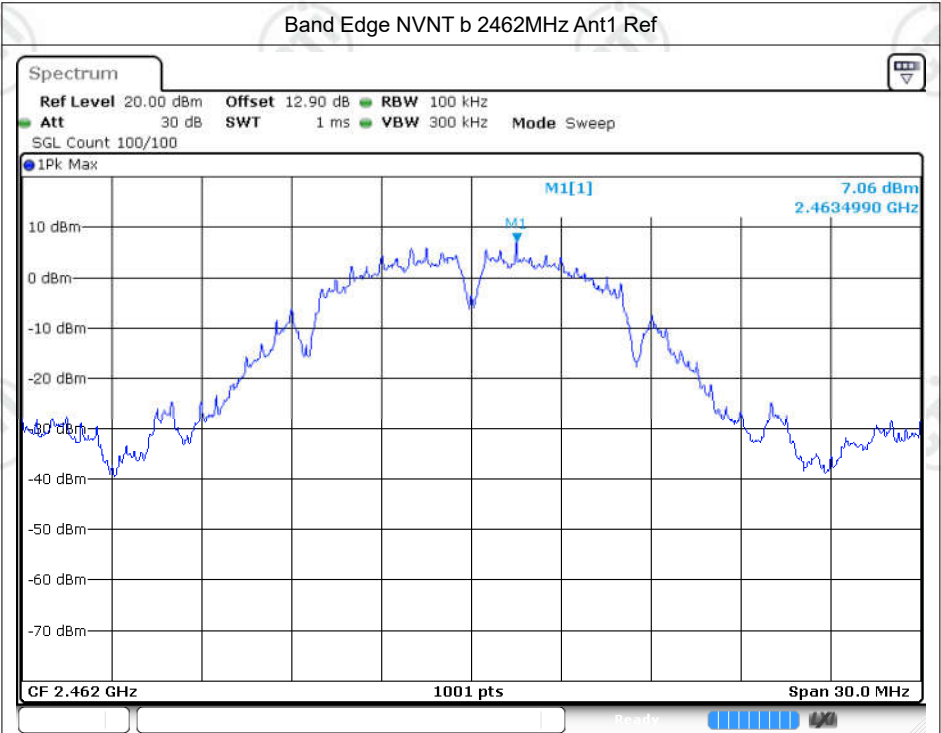
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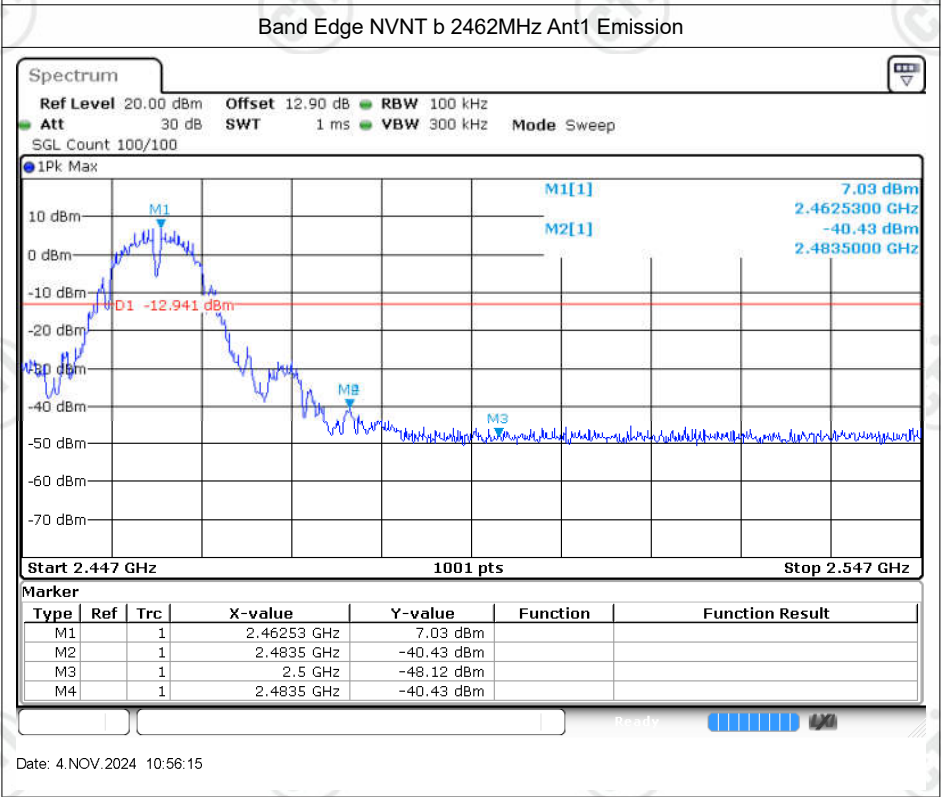
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-33.61	-20	Pass
NVNT	b	2462	Ant1	-47.48	-20	Pass
NVNT	g	2412	Ant1	-30.55	-20	Pass
NVNT	g	2462	Ant1	-40.28	-20	Pass
NVNT	n20	2412	Ant1	-29.52	-20	Pass
NVNT	n20	2462	Ant1	-39.8	-20	Pass

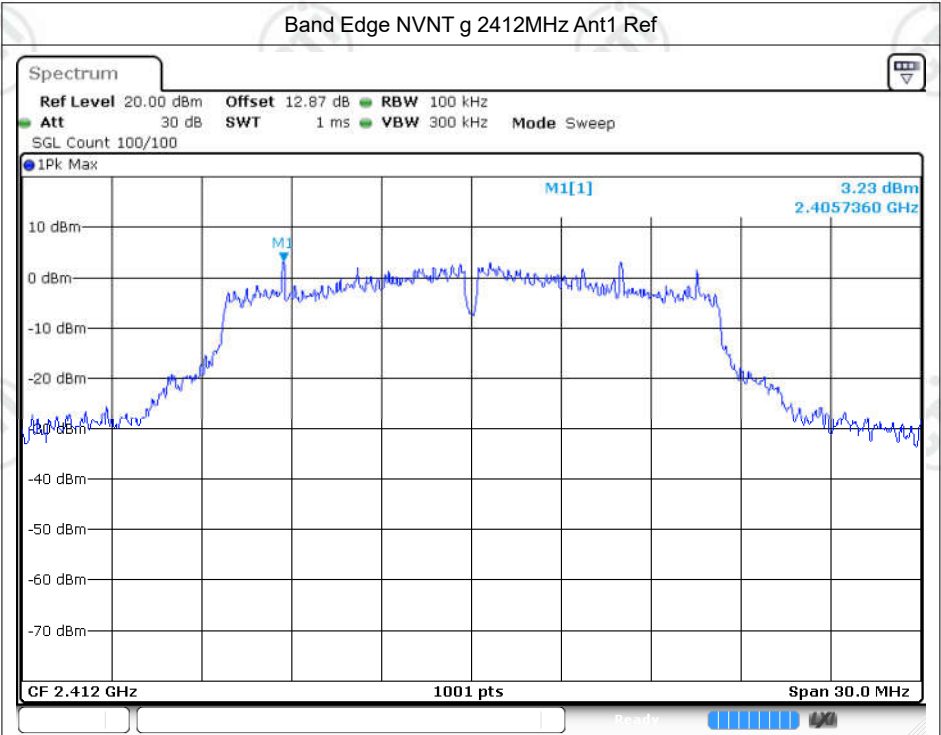




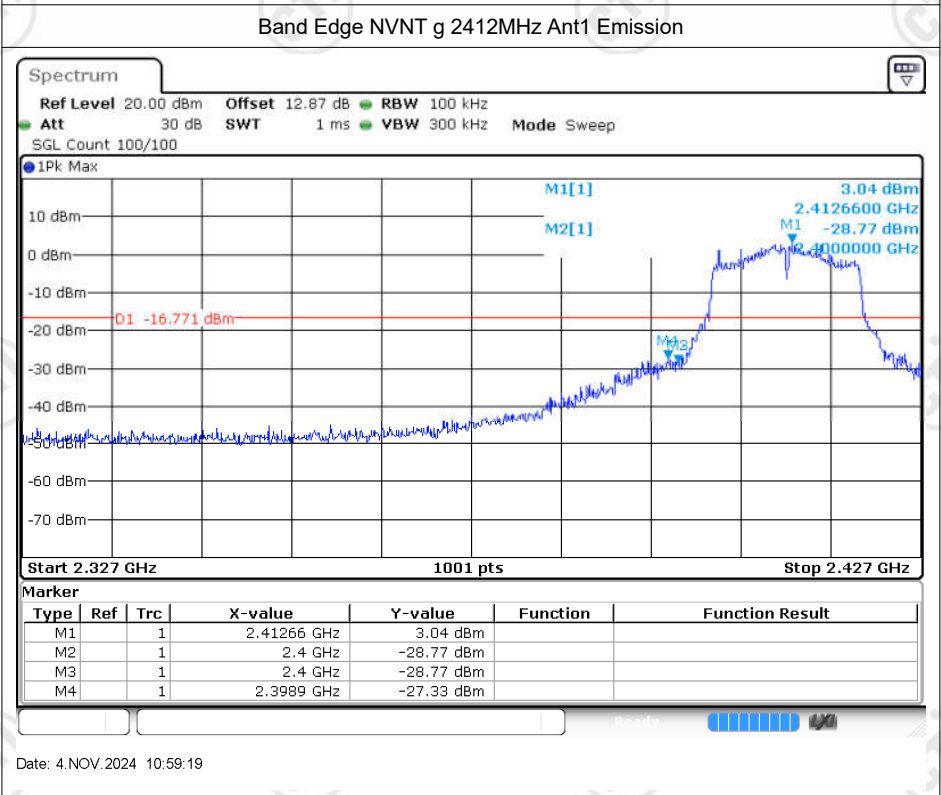
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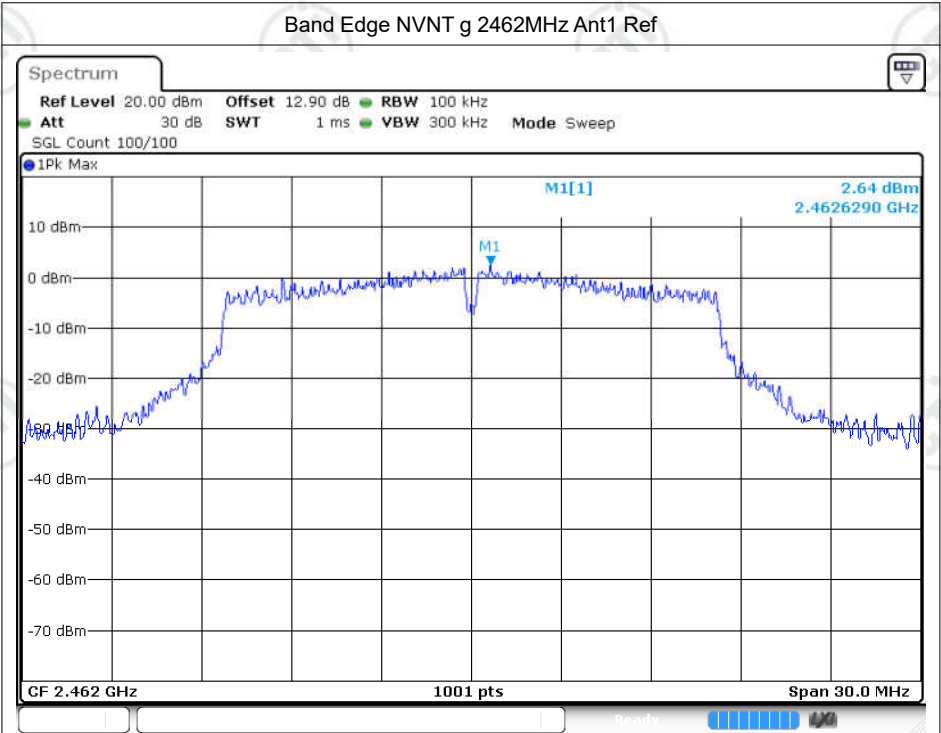


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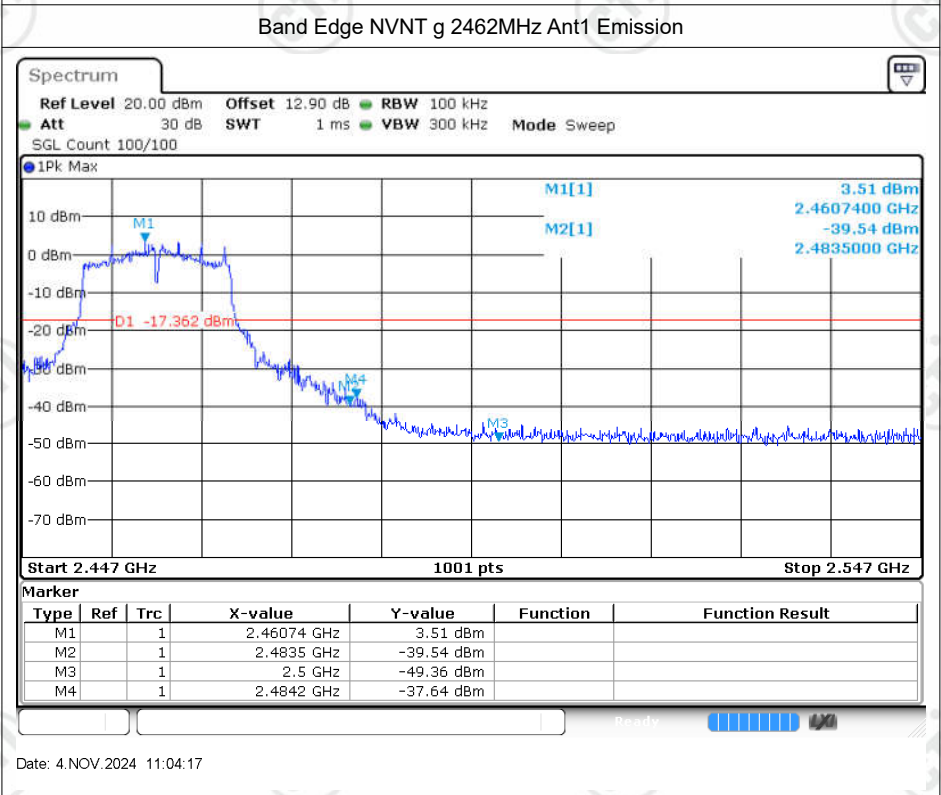


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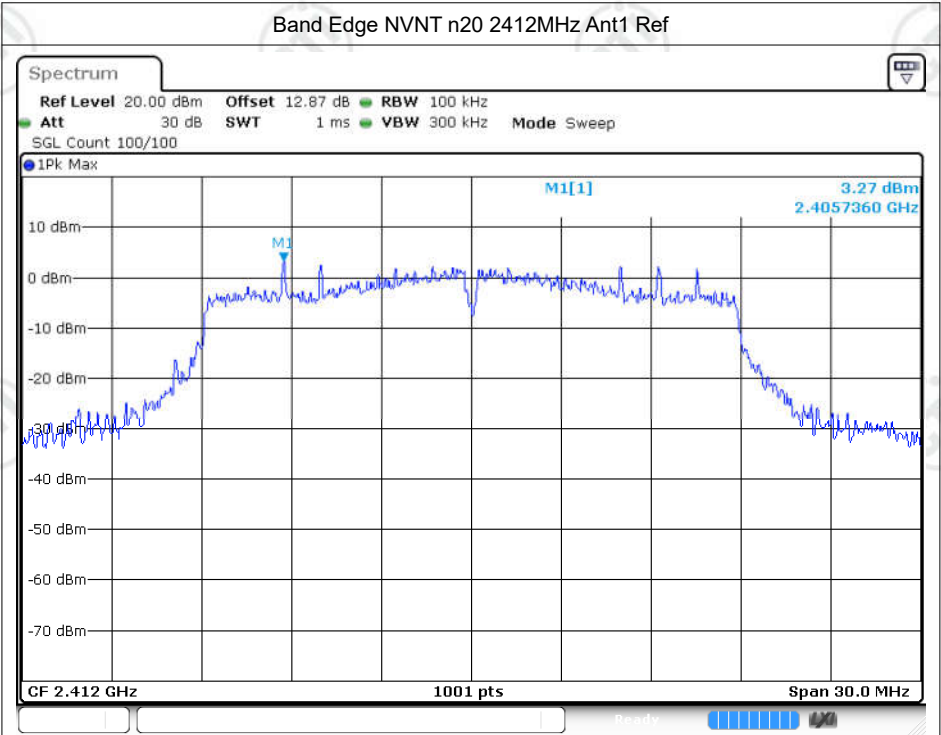




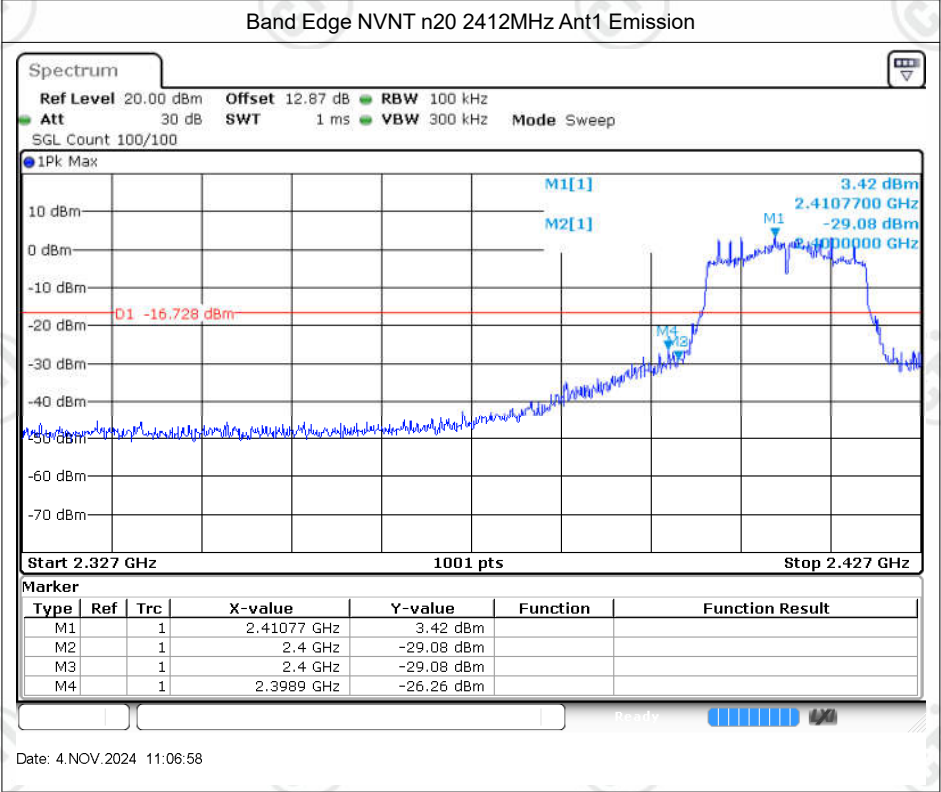
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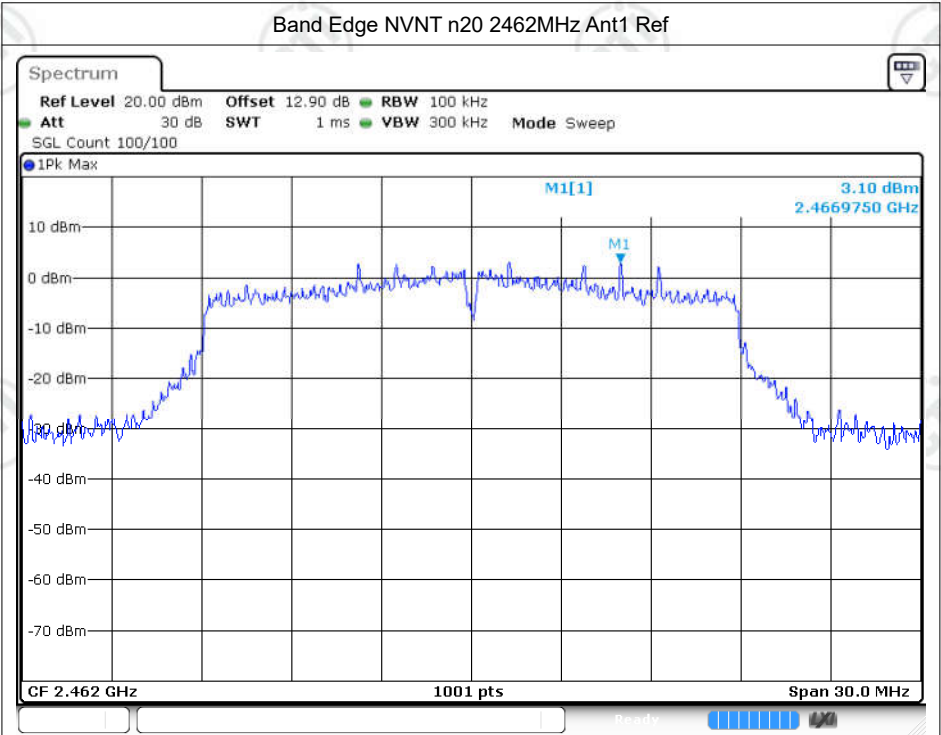
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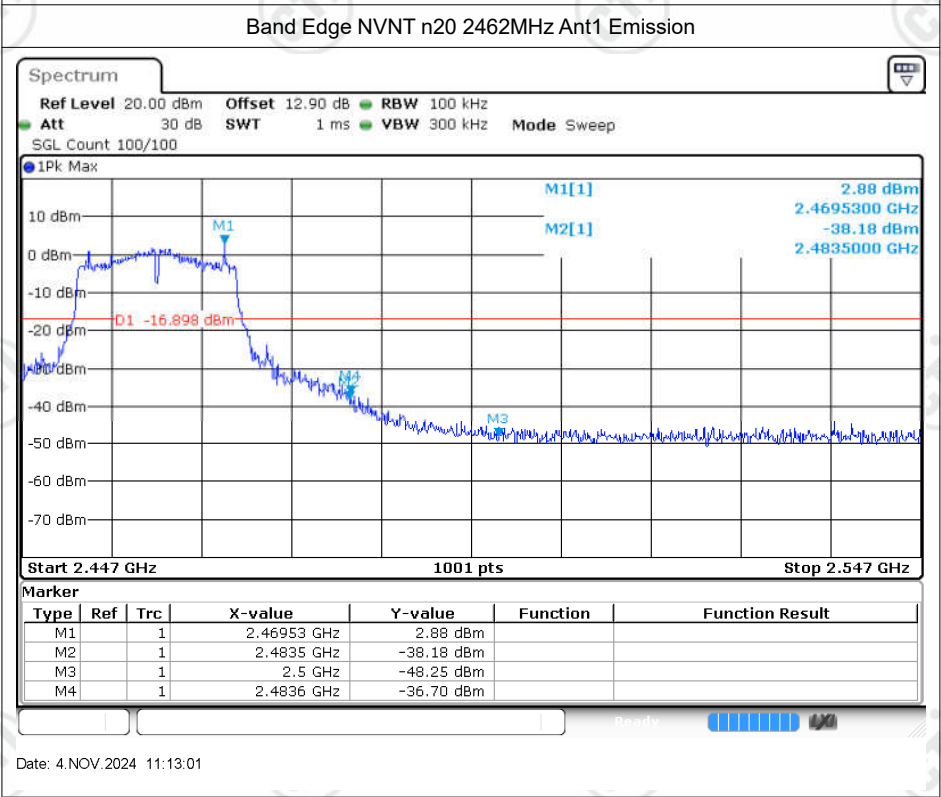
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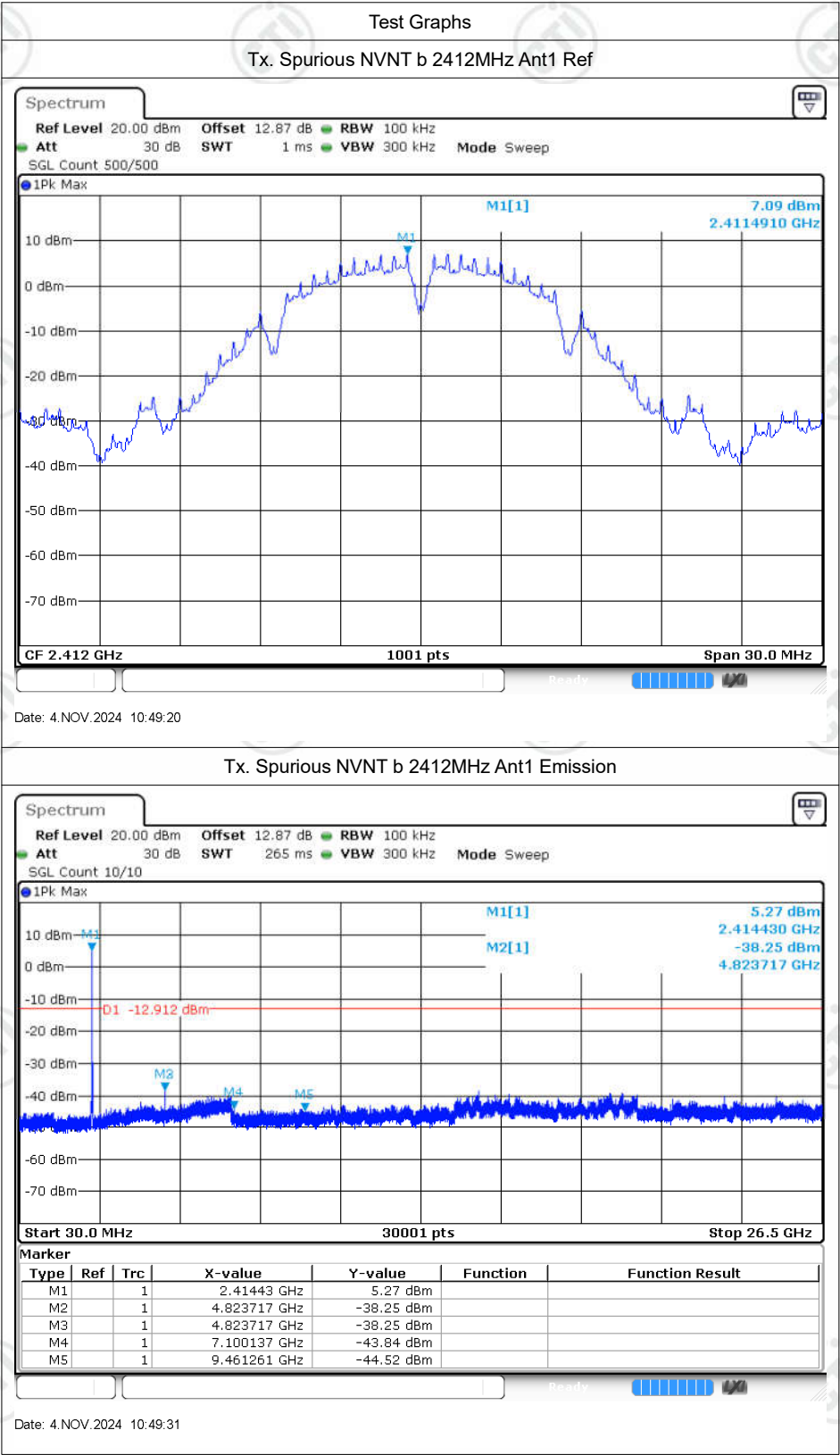
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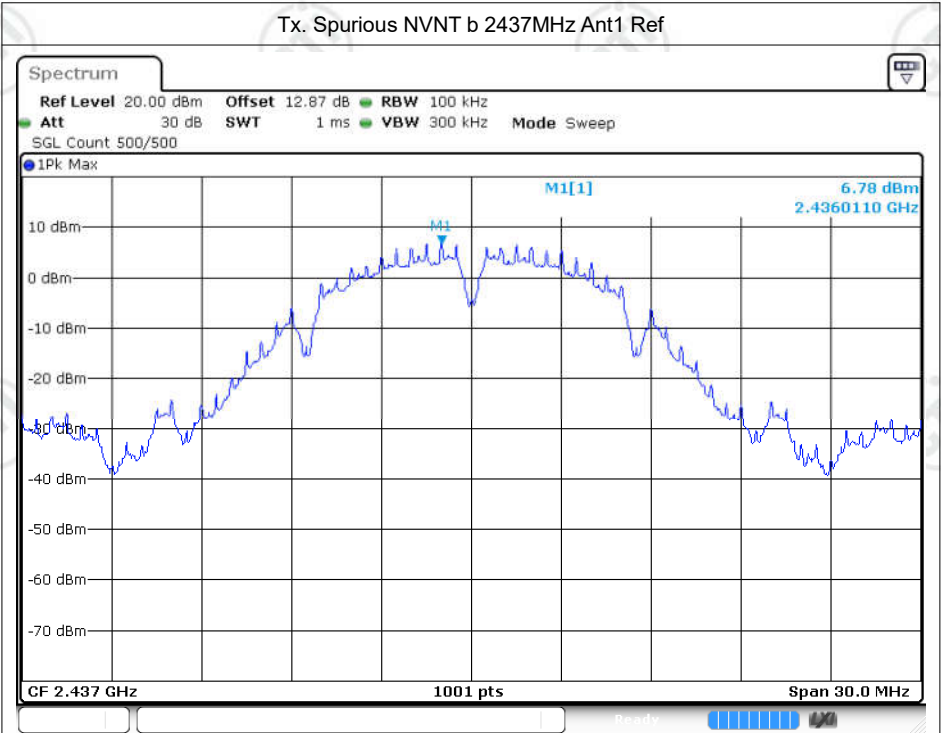


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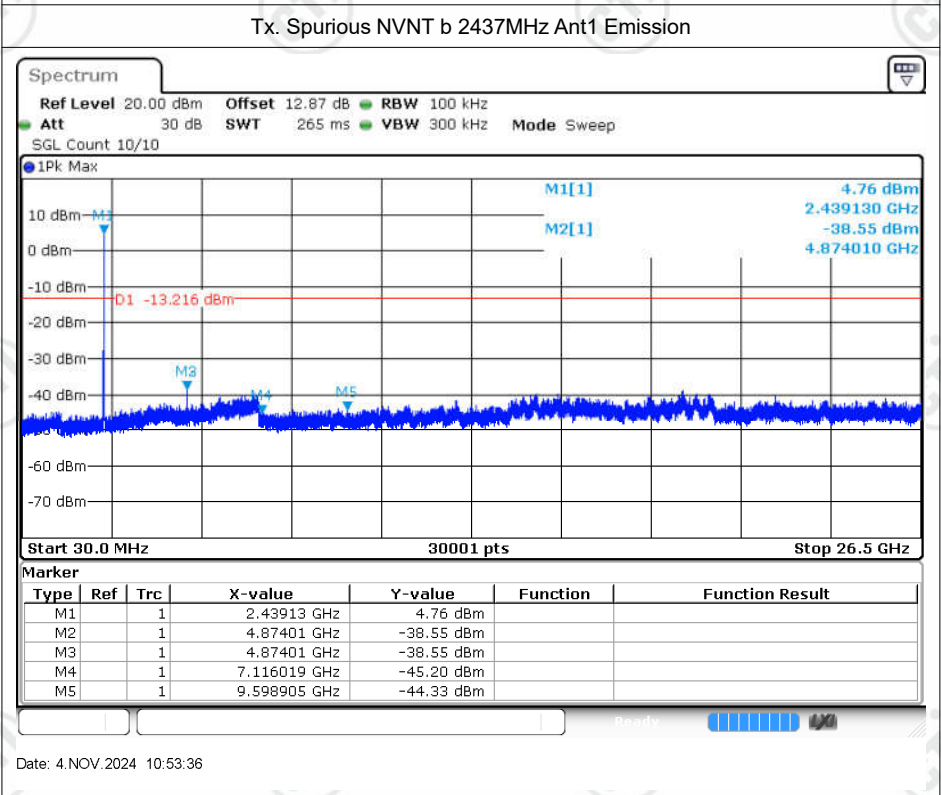
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-45.33	-20	Pass
NVNT	b	2437	Ant1	-45.32	-20	Pass
NVNT	b	2462	Ant1	-46.02	-20	Pass
NVNT	g	2412	Ant1	-42.11	-20	Pass
NVNT	g	2437	Ant1	-42.85	-20	Pass
NVNT	g	2462	Ant1	-41.42	-20	Pass
NVNT	n20	2412	Ant1	-42.02	-20	Pass
NVNT	n20	2437	Ant1	-42.78	-20	Pass
NVNT	n20	2462	Ant1	-41.47	-20	Pass

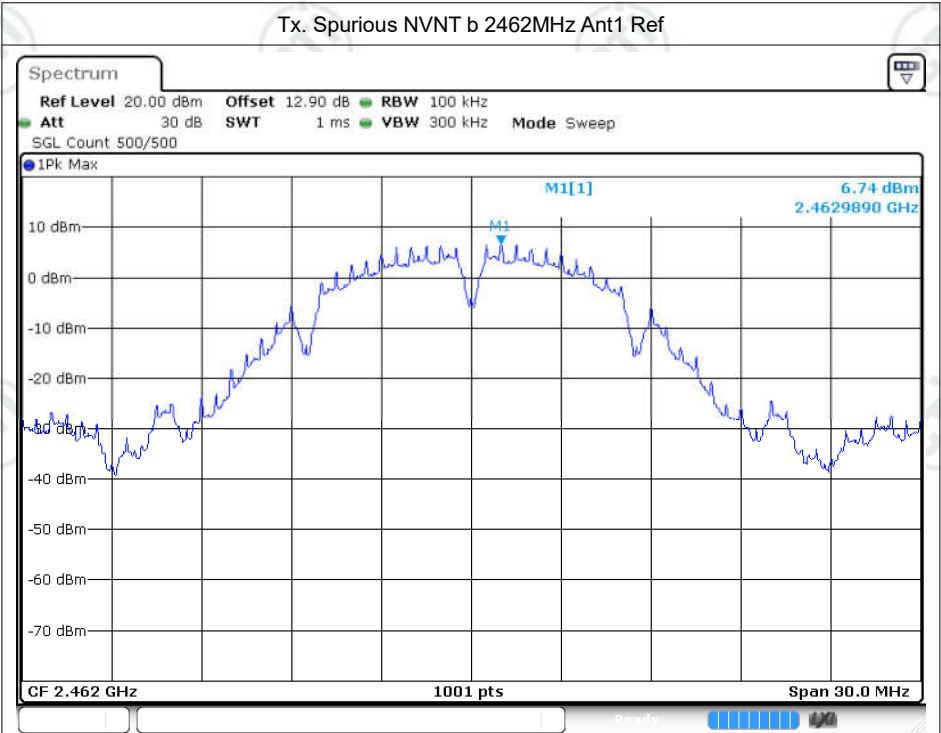




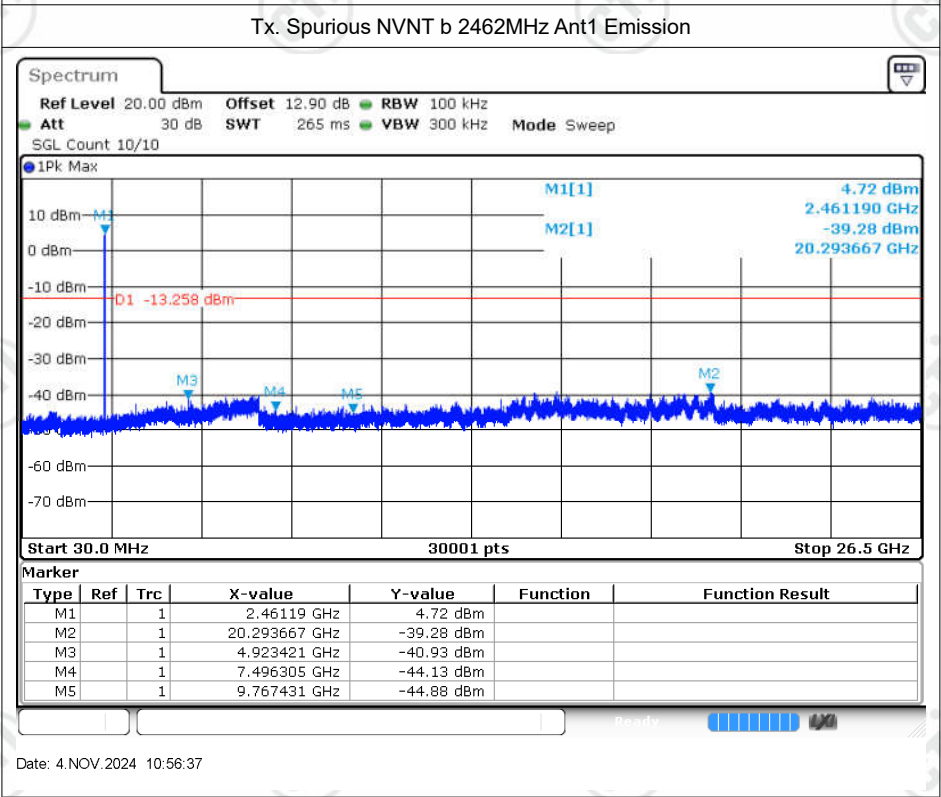
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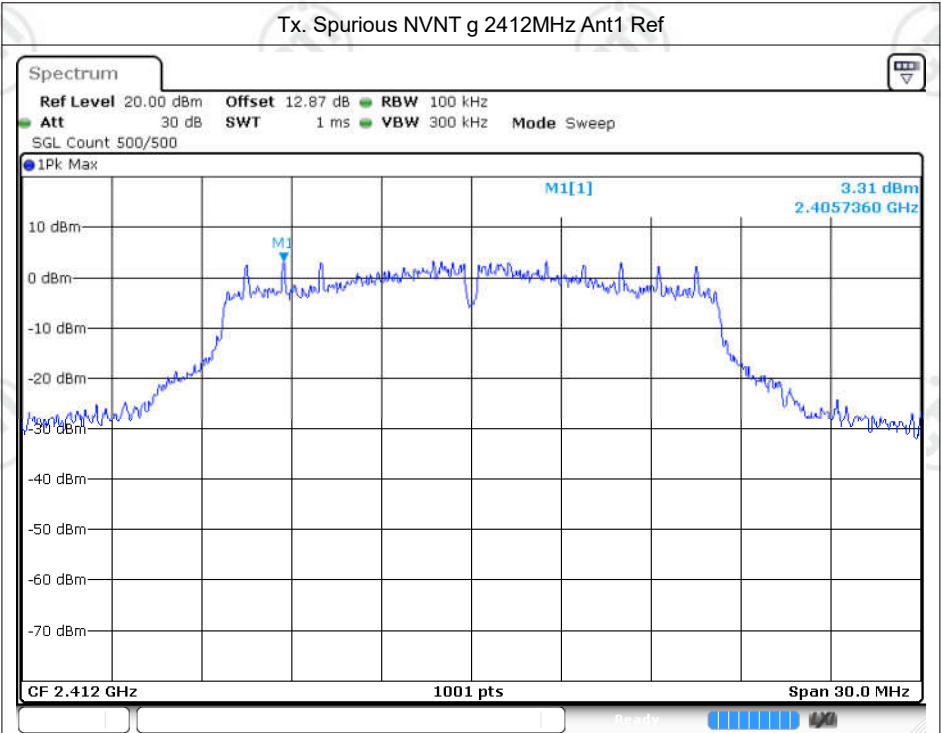
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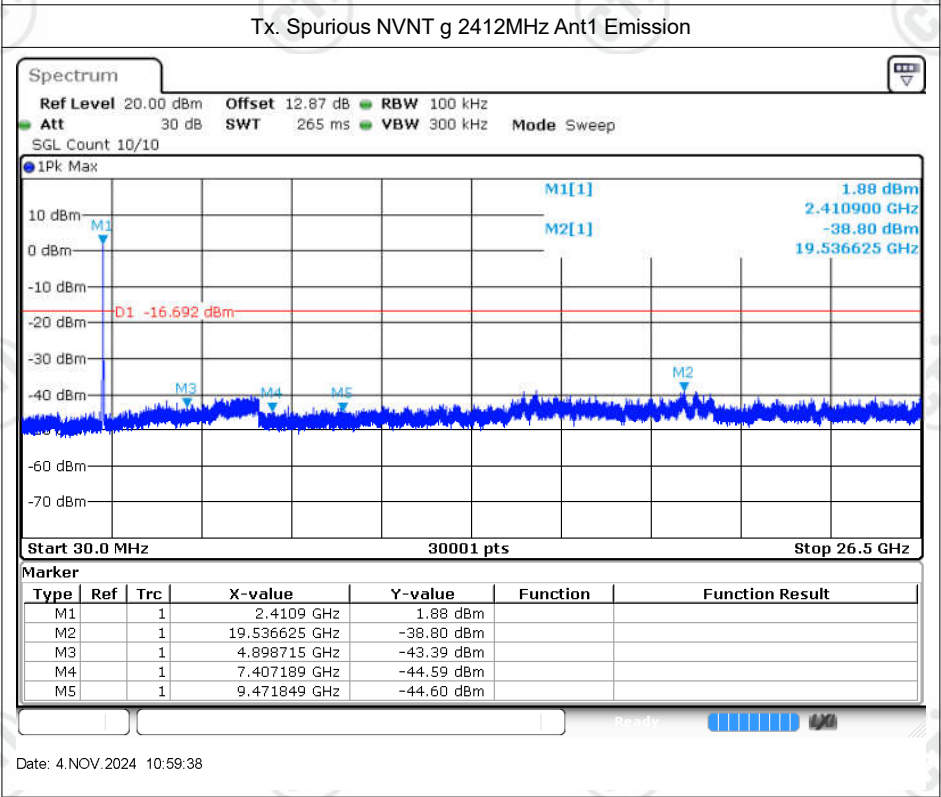
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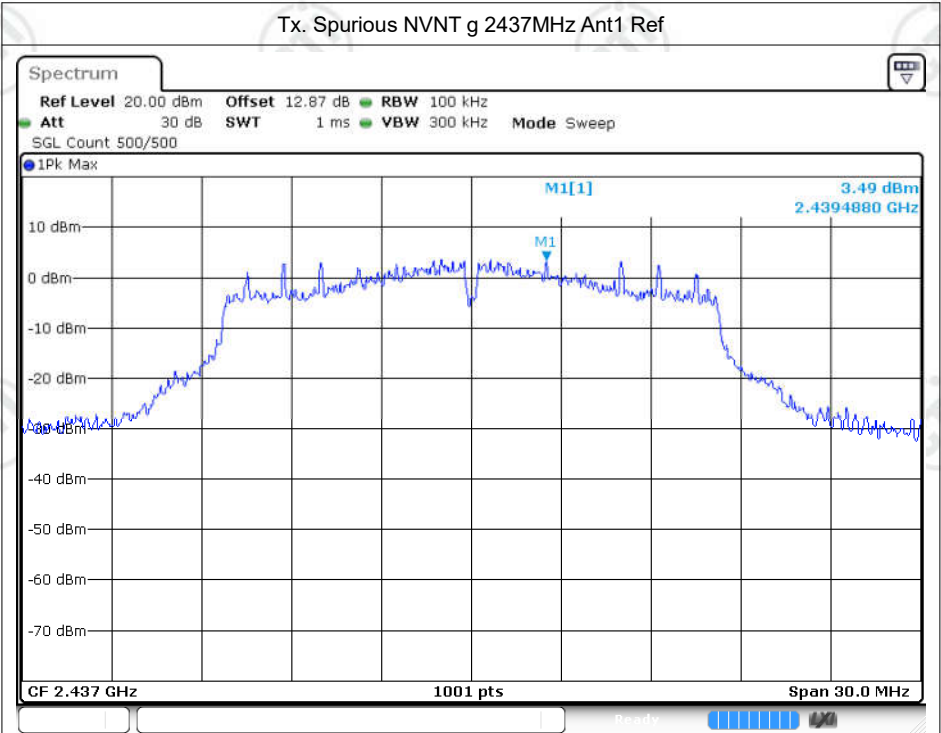


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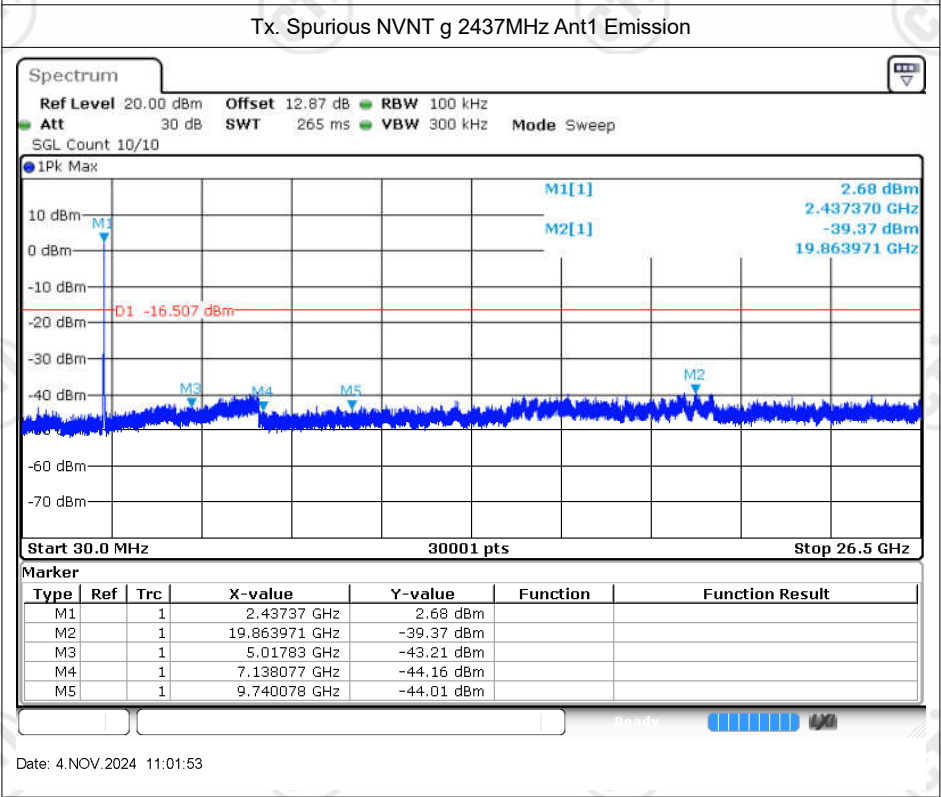


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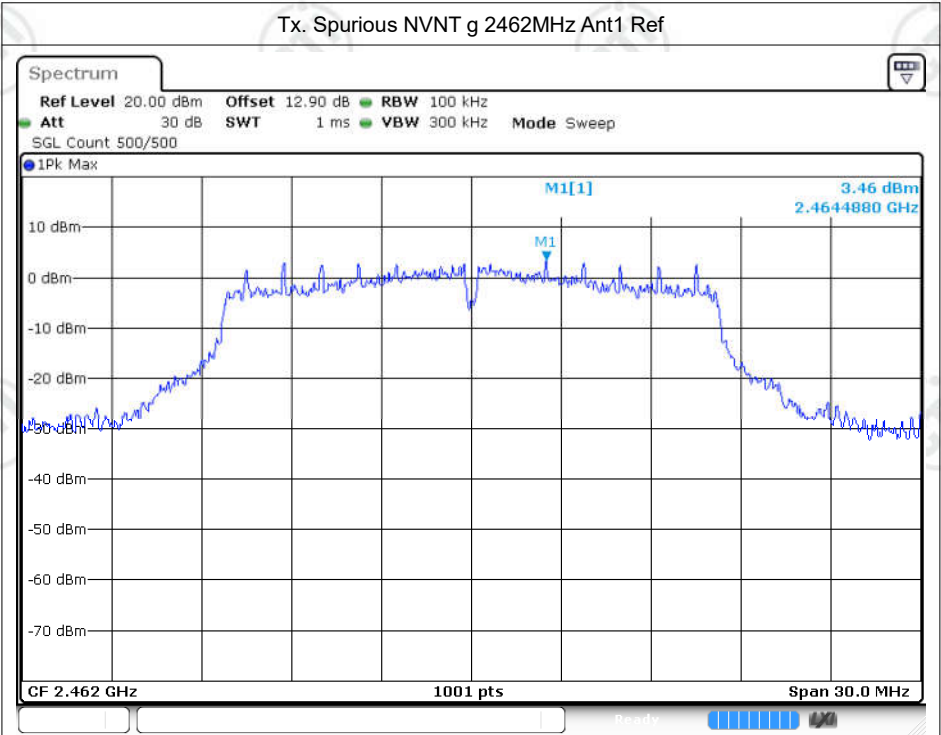




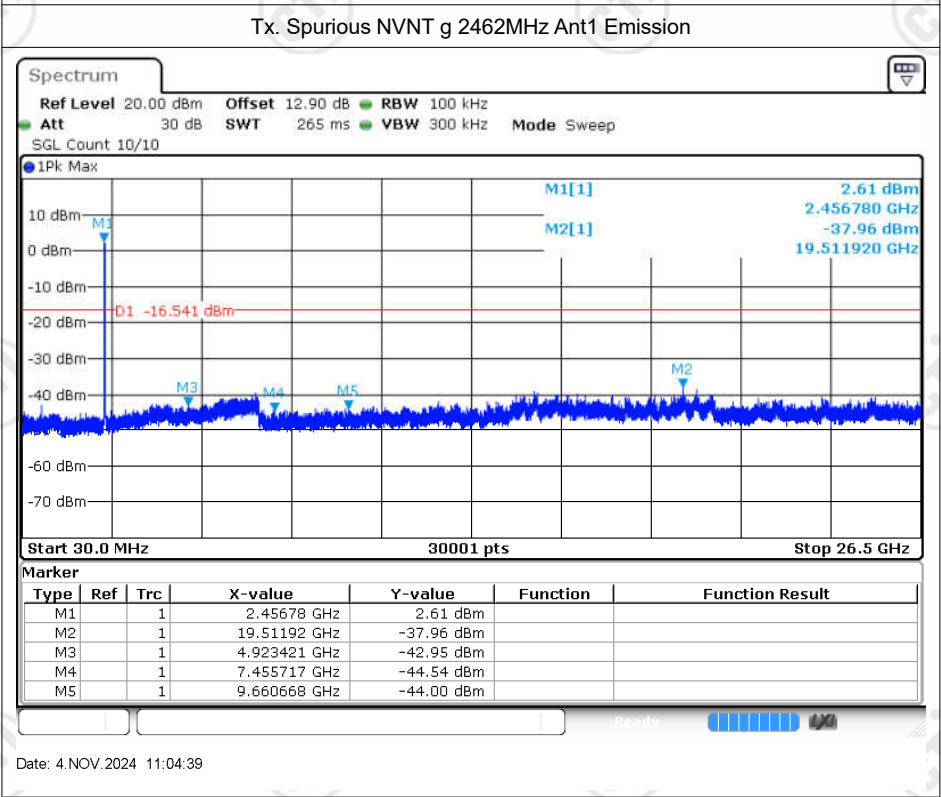
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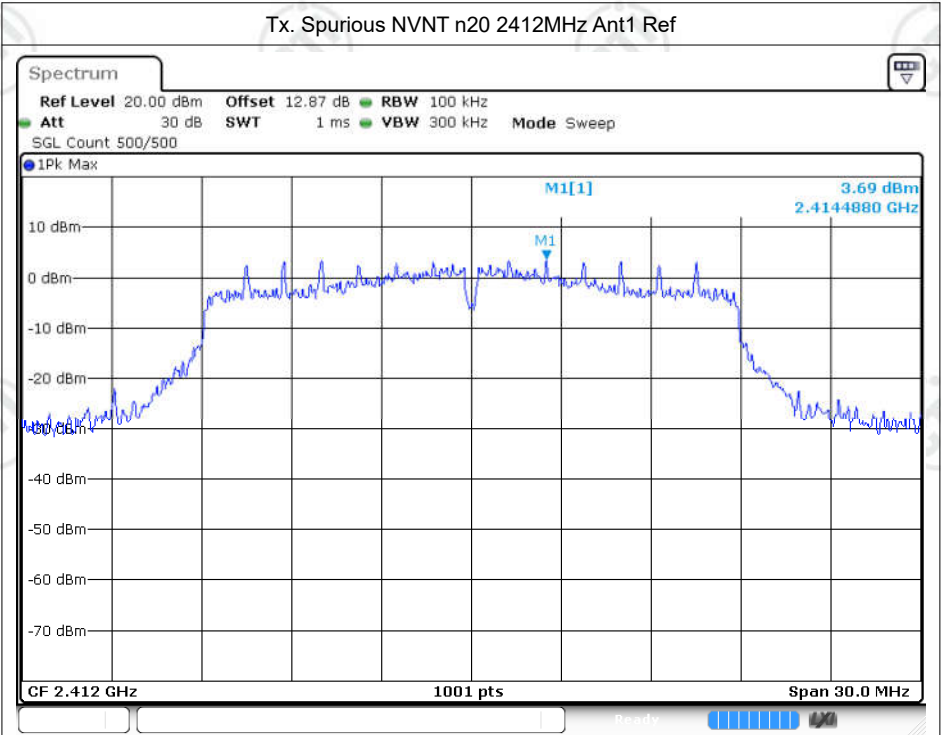
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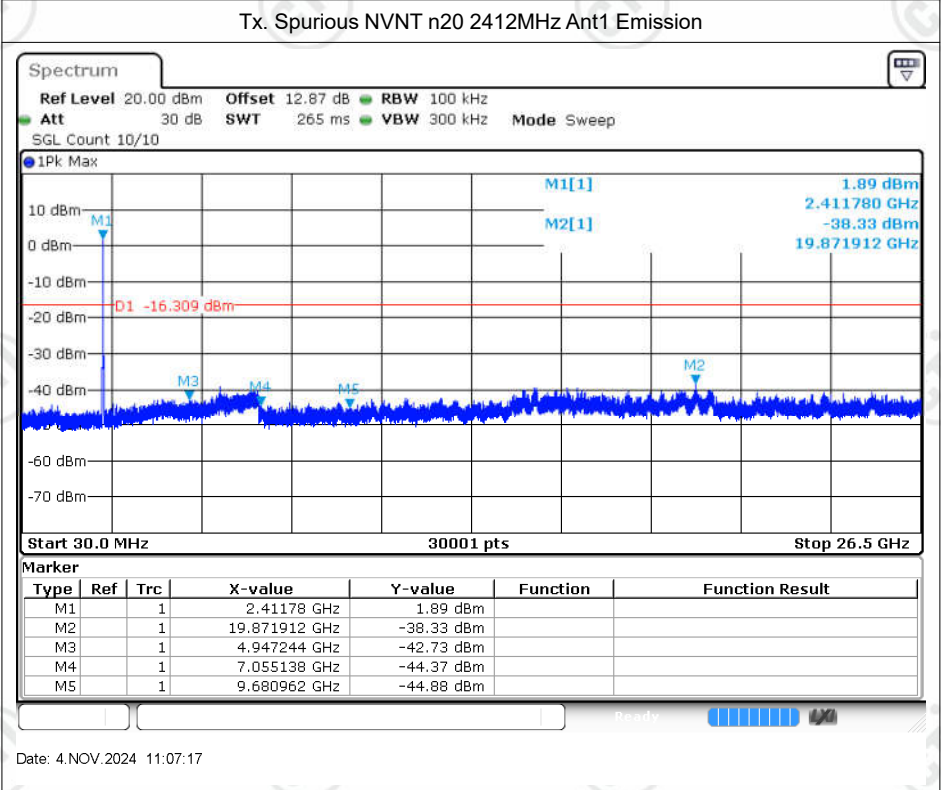
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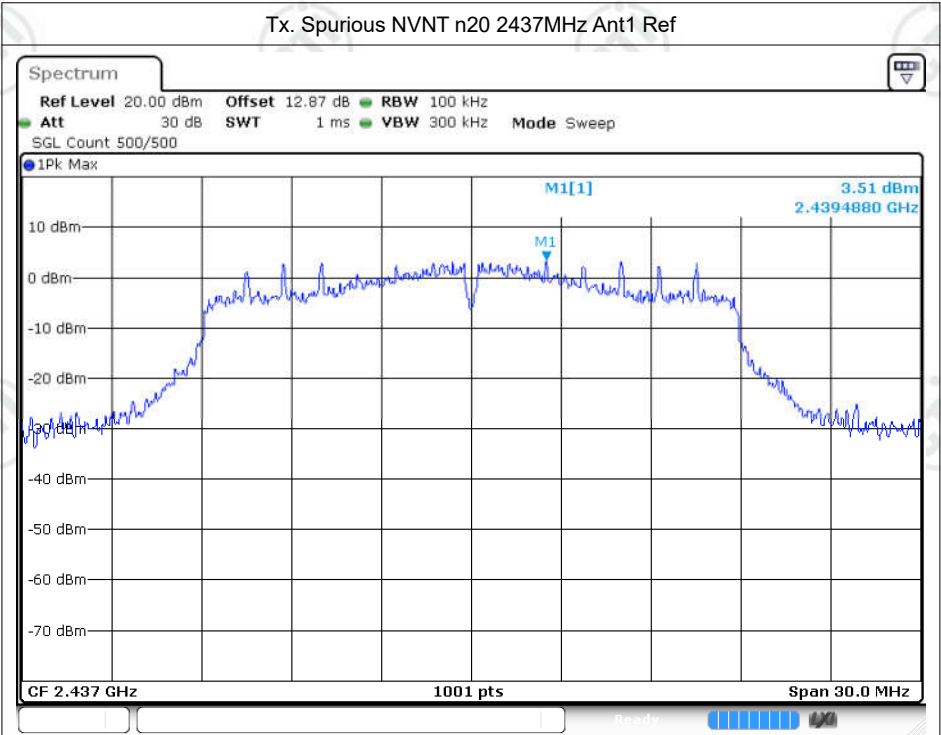


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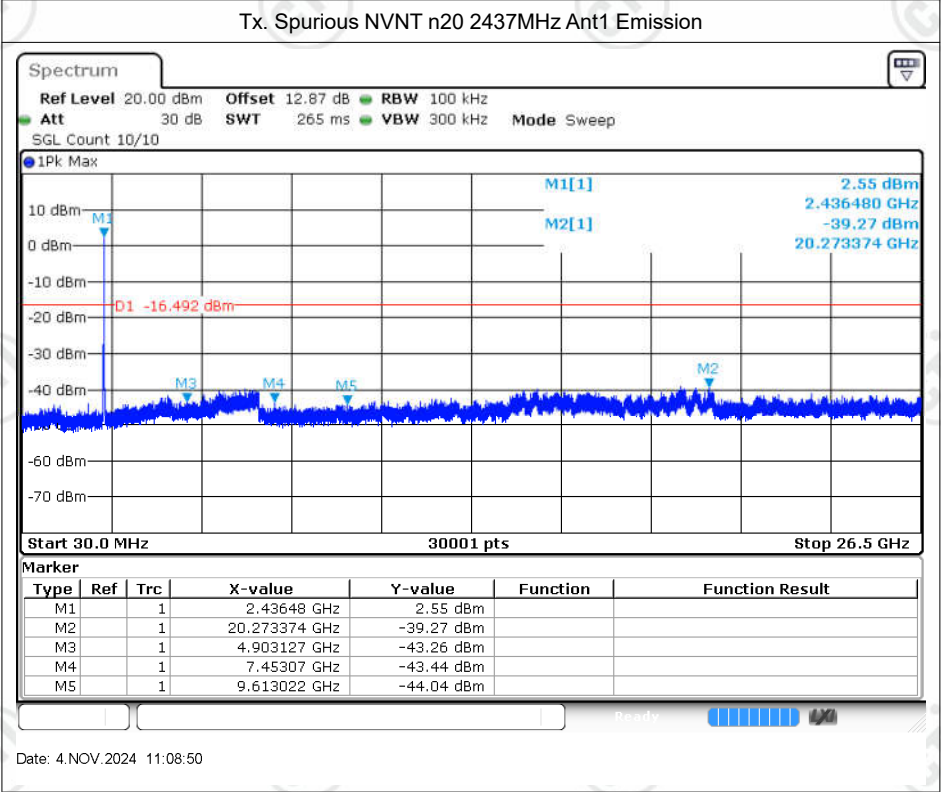


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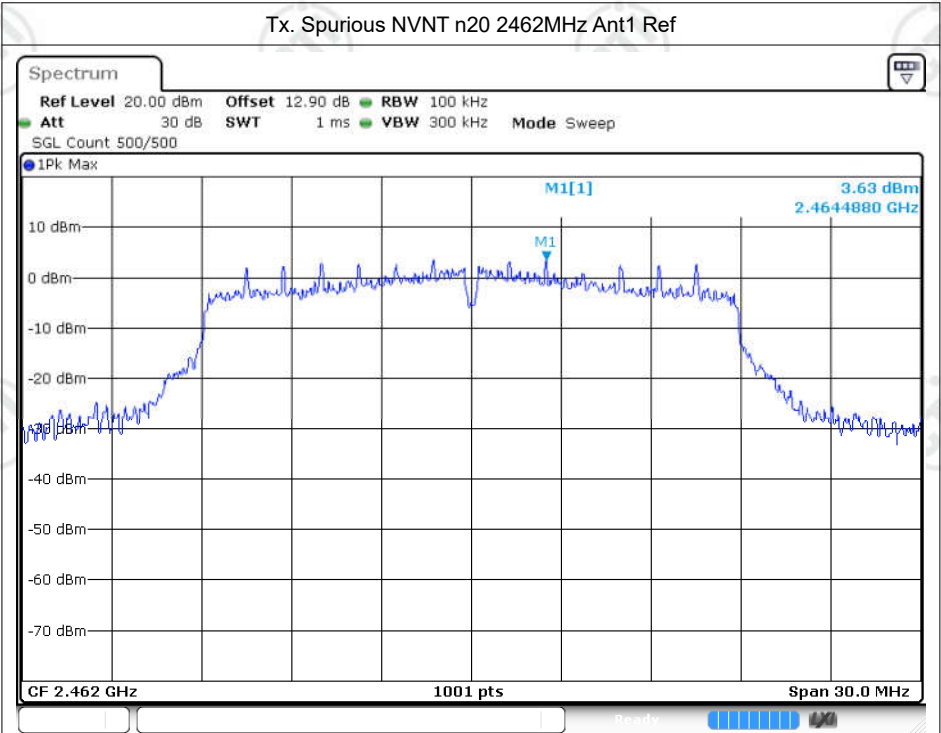




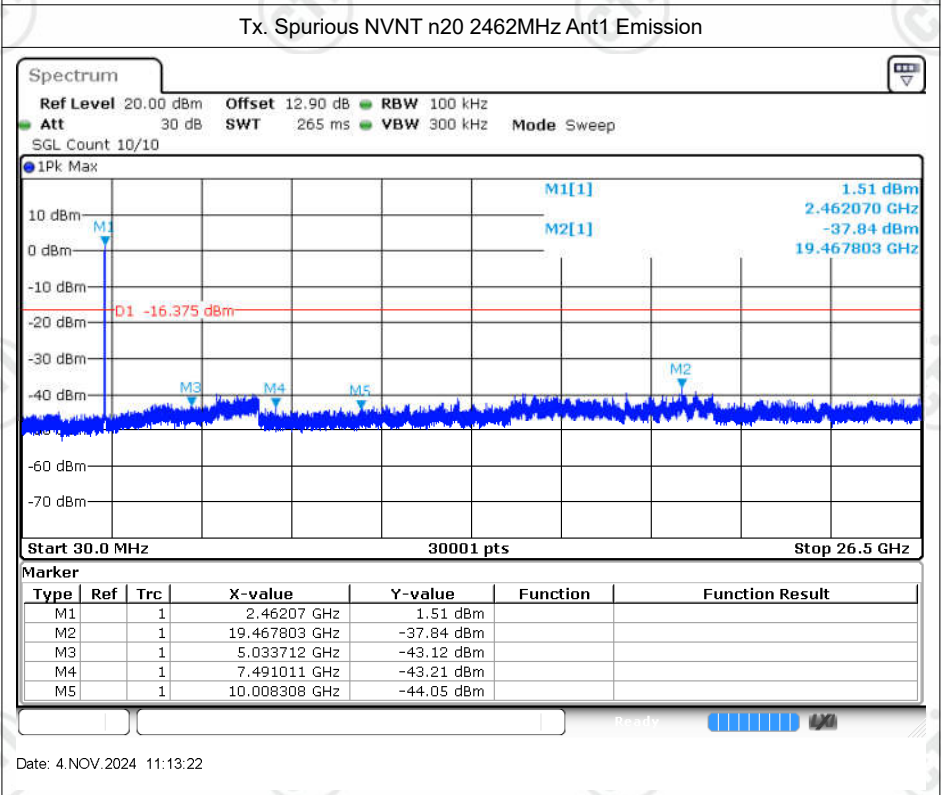
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Date: 4.NOV.2024 11:13:11



Date: 4.NOV.2024 11:13:22

END OF REPORT