

Appendix: 2.4G Wi-Fi

Contents

Duty Cycle 3

Maximum Peak Conducted Output Power 10

-6dB Bandwidth 11

Occupied Channel Bandwidth 18

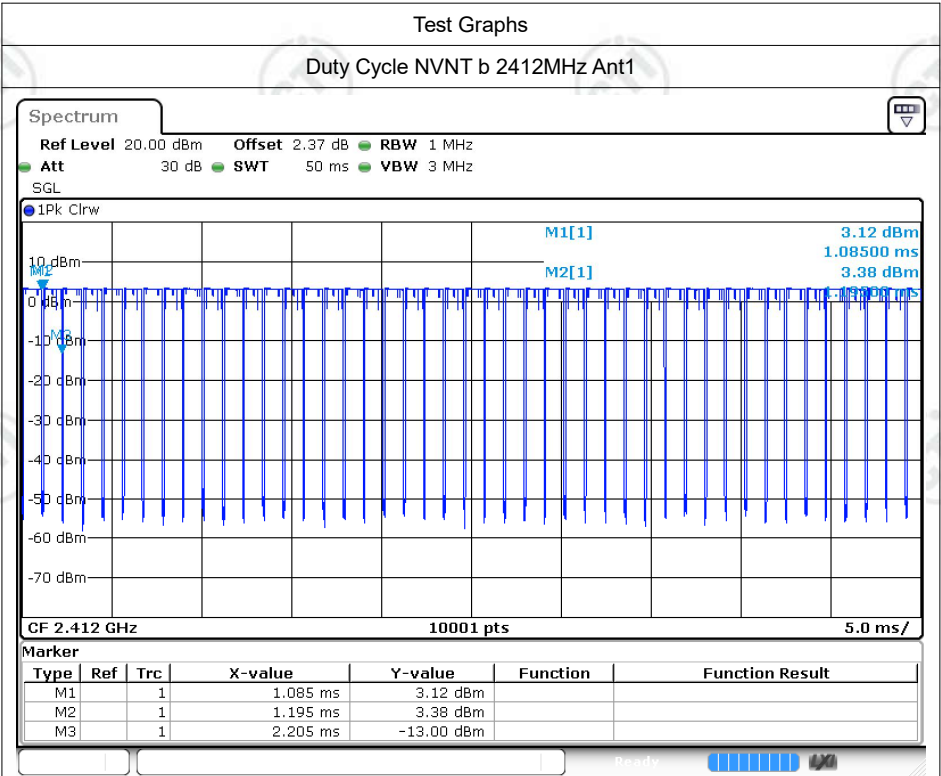
Maximum Power Spectral Density Level 25

Band Edge 32

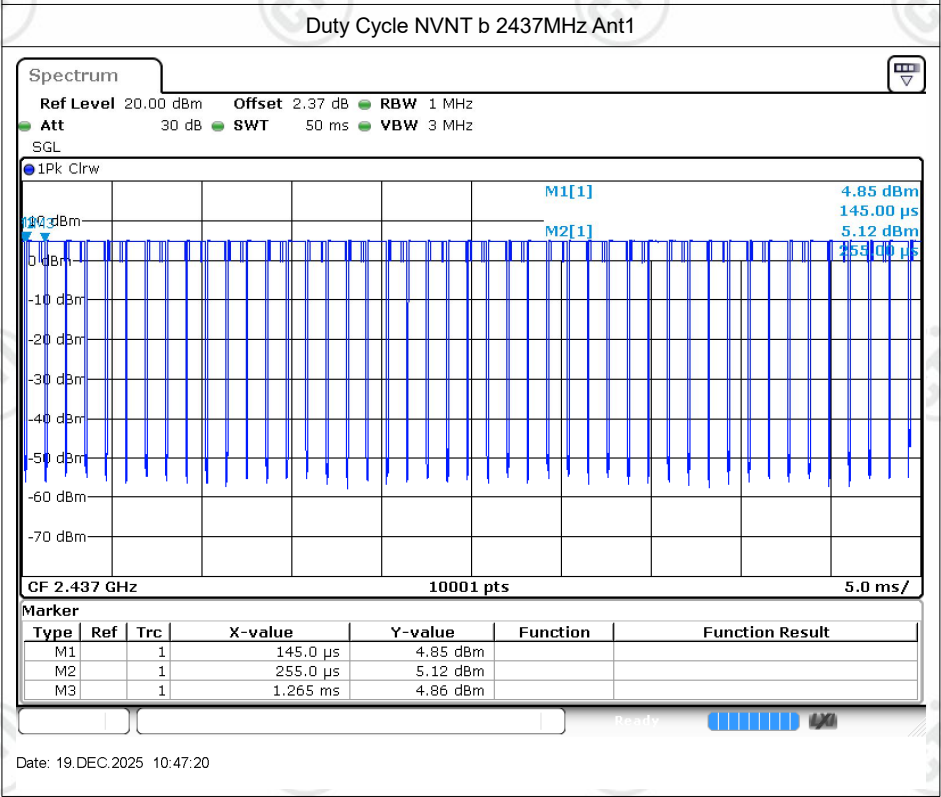
Conducted RF Spurious Emission 41

Duty Cycle

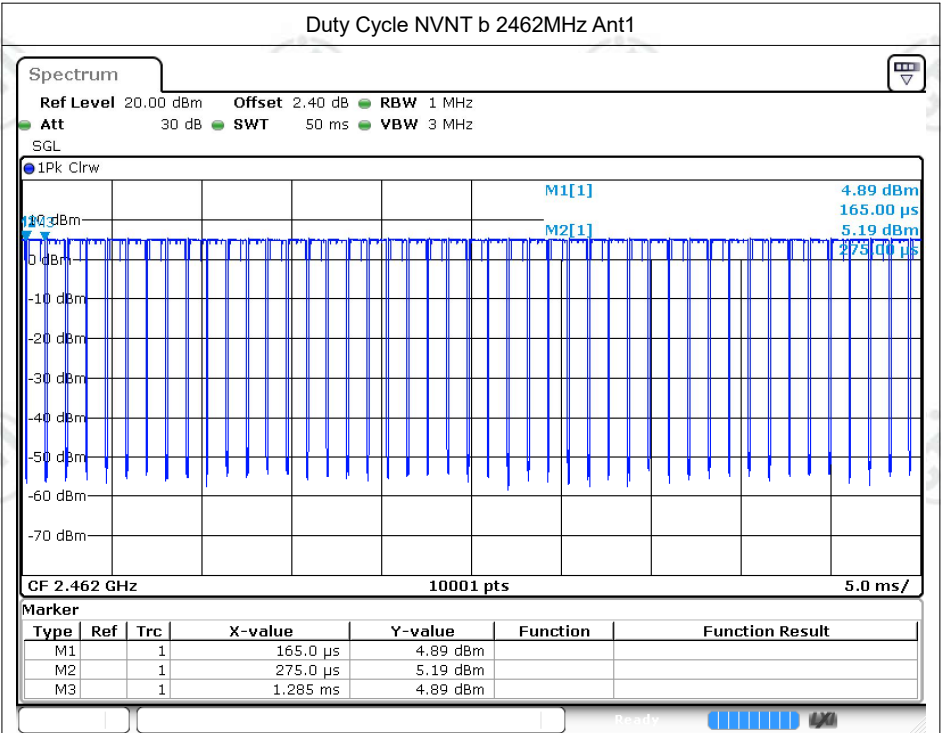
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	90.18	0.45	0.99
NVNT	b	2437	Ant1	90.18	0.45	0.99
NVNT	b	2462	Ant1	90.18	0.45	0.99
NVNT	g	2412	Ant1	90.62	0.43	1.62
NVNT	g	2437	Ant1	90.62	0.43	1.62
NVNT	g	2462	Ant1	90.62	0.43	1.62
NVNT	n20	2412	Ant1	90.59	0.43	1.62
NVNT	n20	2437	Ant1	90.59	0.43	1.62
NVNT	n20	2462	Ant1	90.53	0.43	1.63
NVNT	n40	2422	Ant1	90.71	0.42	1.63
NVNT	n40	2437	Ant1	90.67	0.43	1.63
NVNT	n40	2452	Ant1	90.27	0.44	1.63



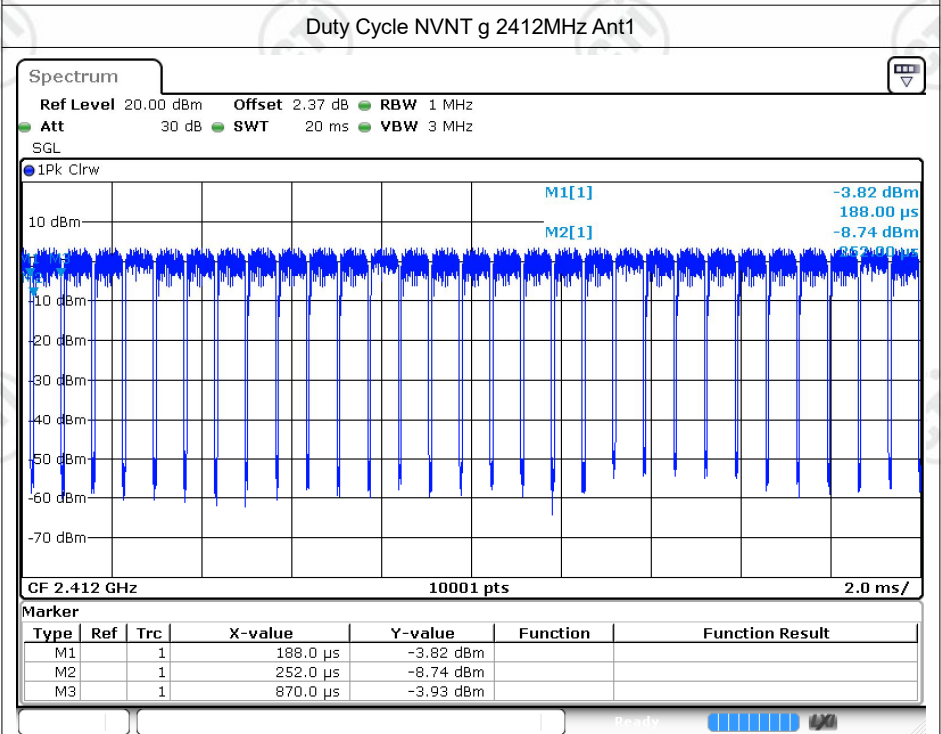
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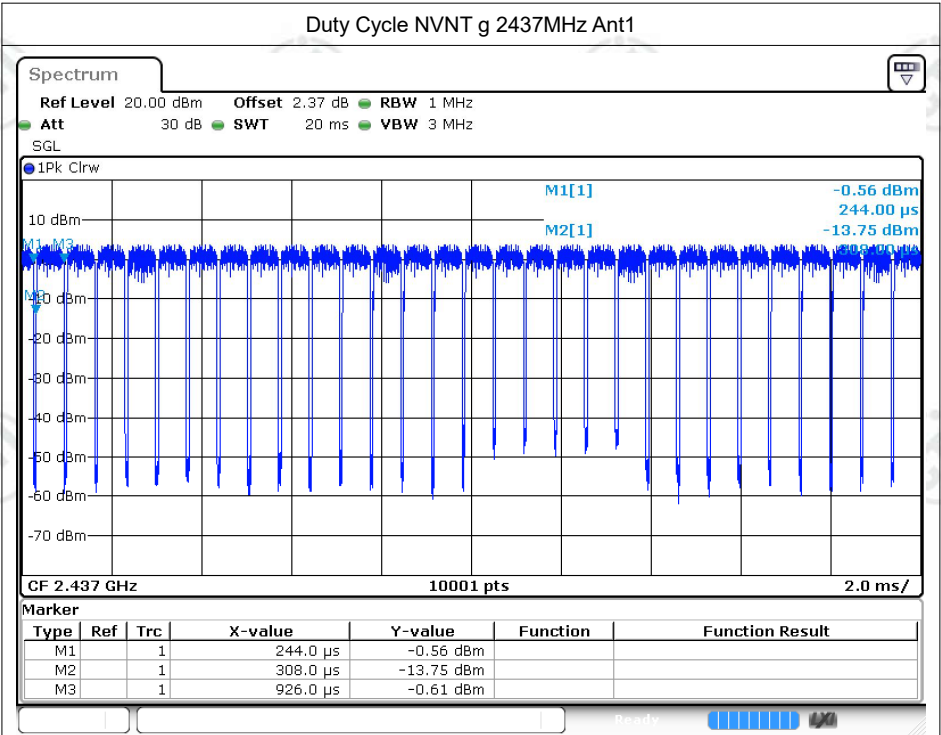
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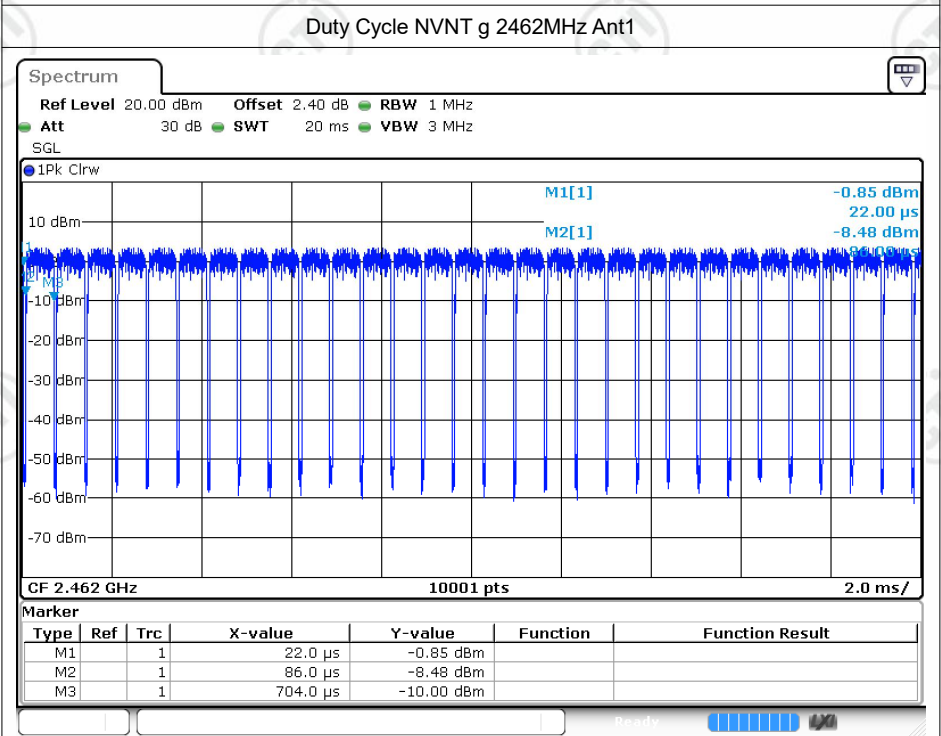
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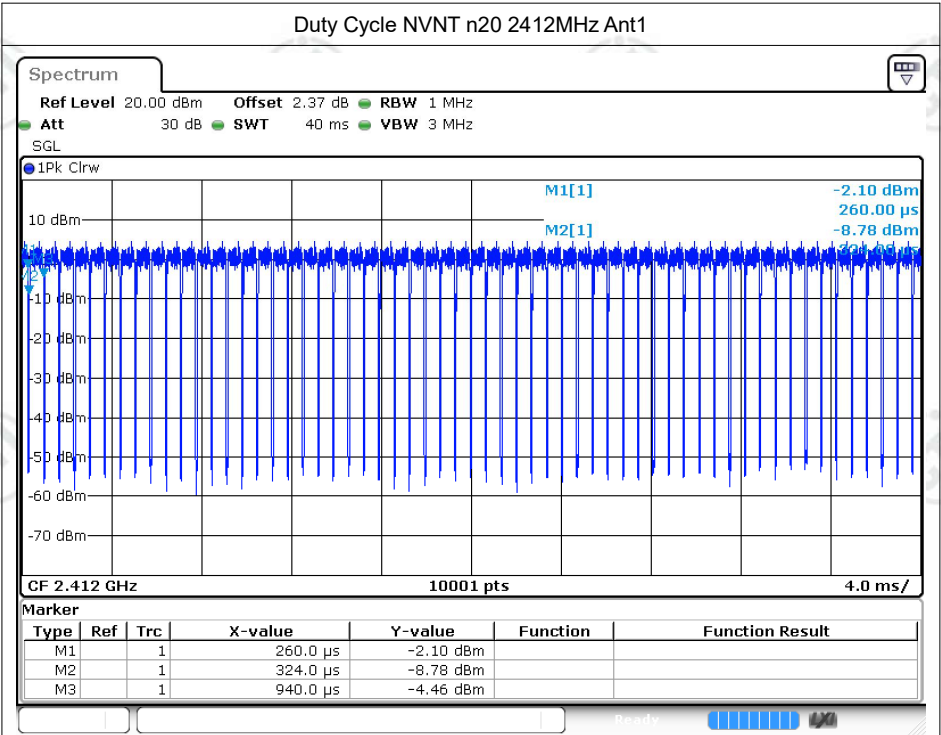
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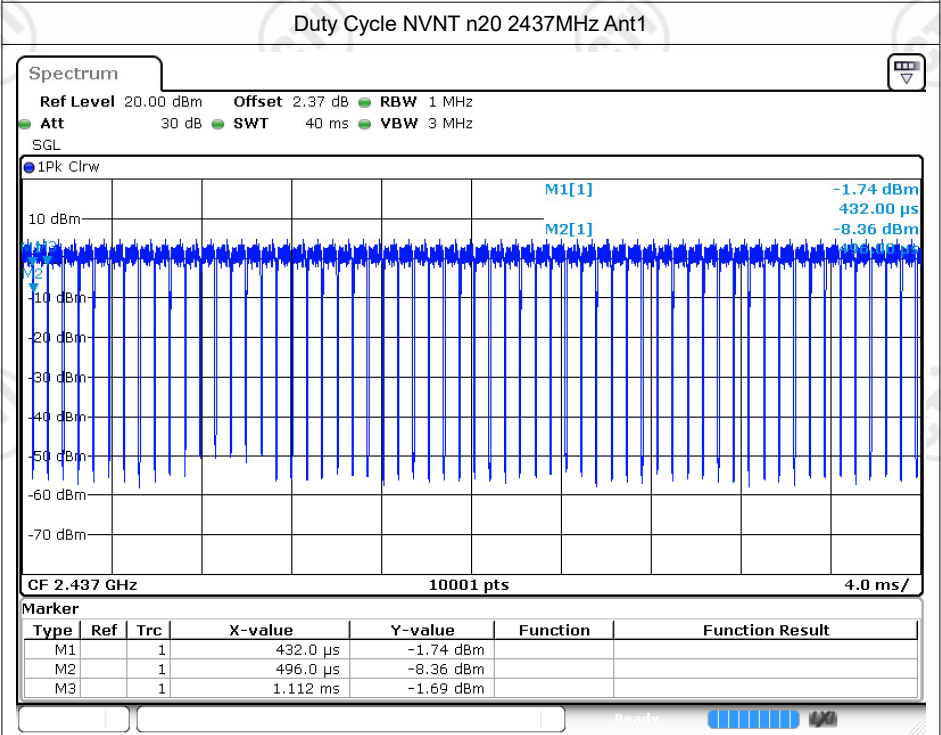
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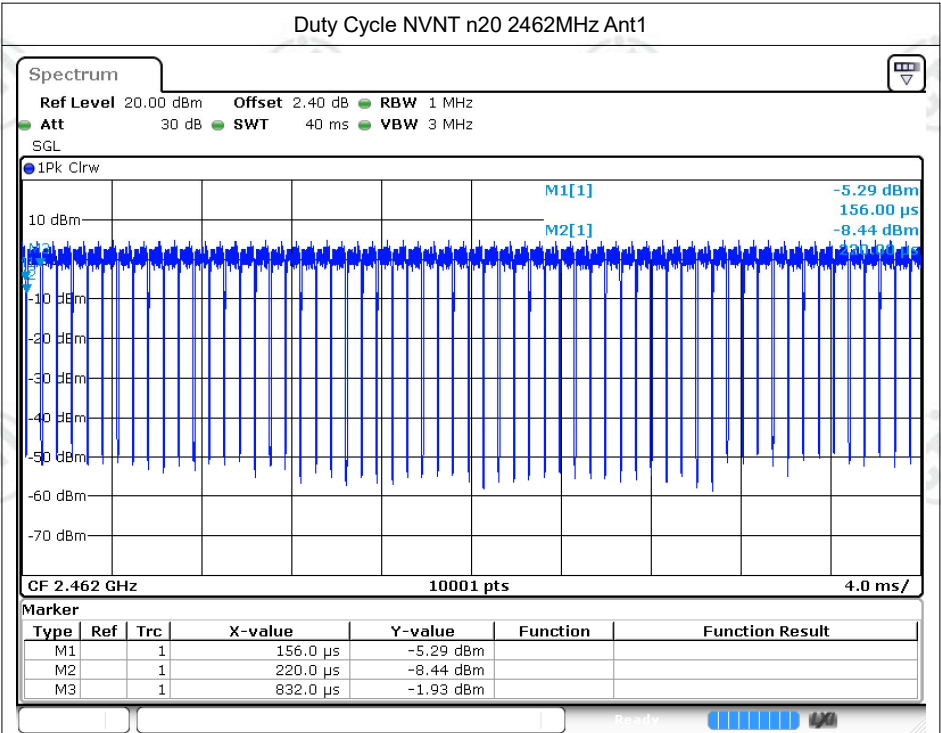
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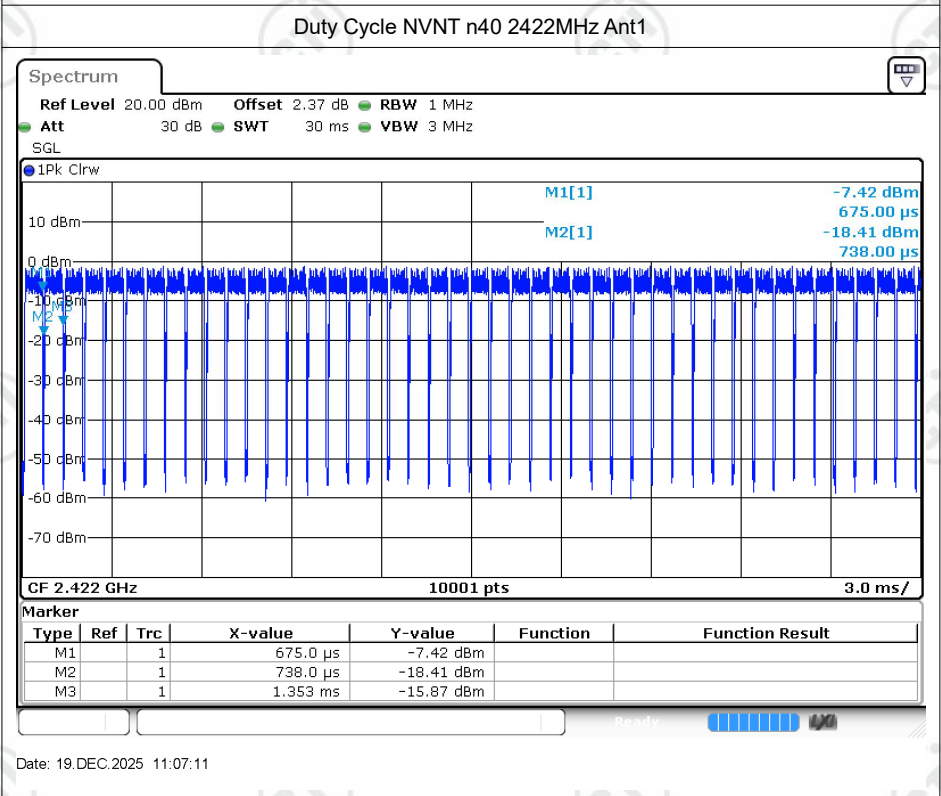
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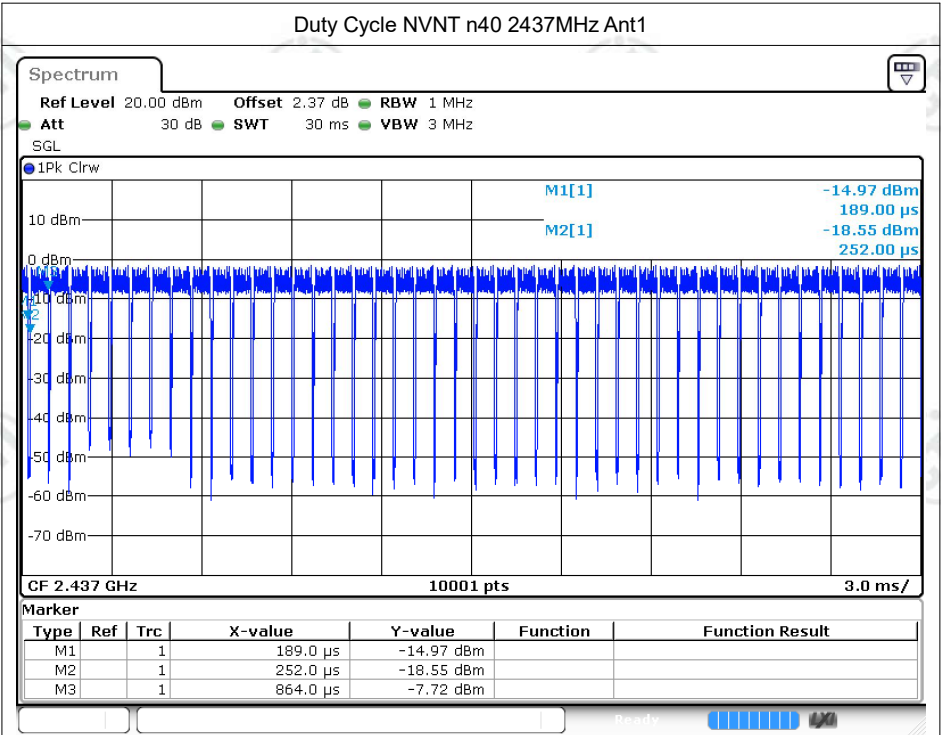
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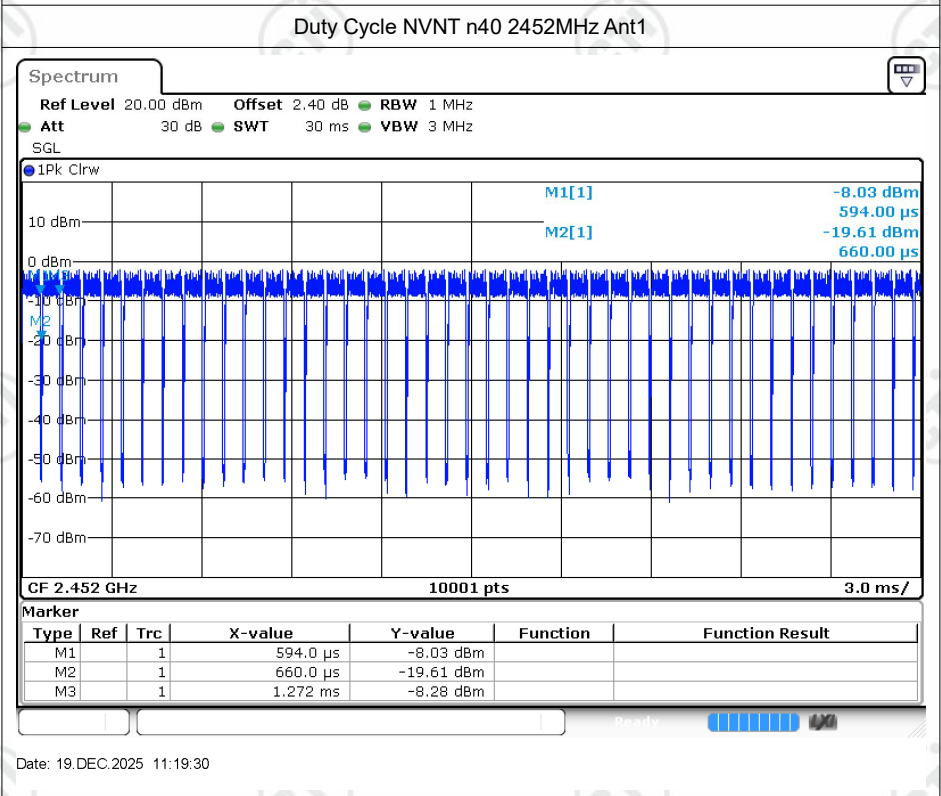
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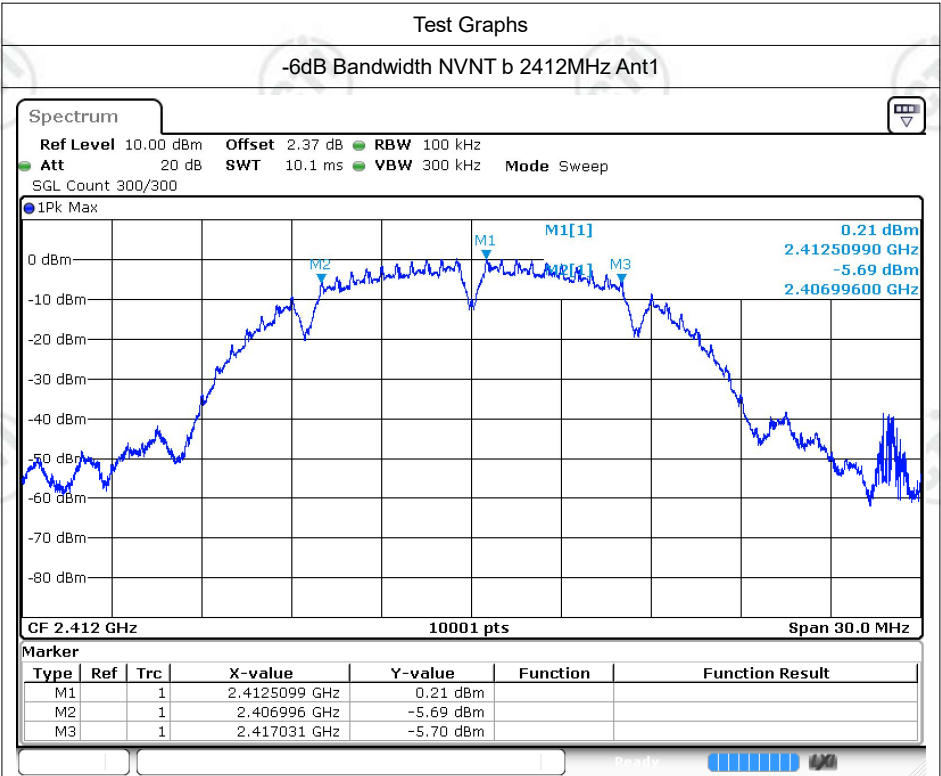
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Maximum Peak Conducted Output Power

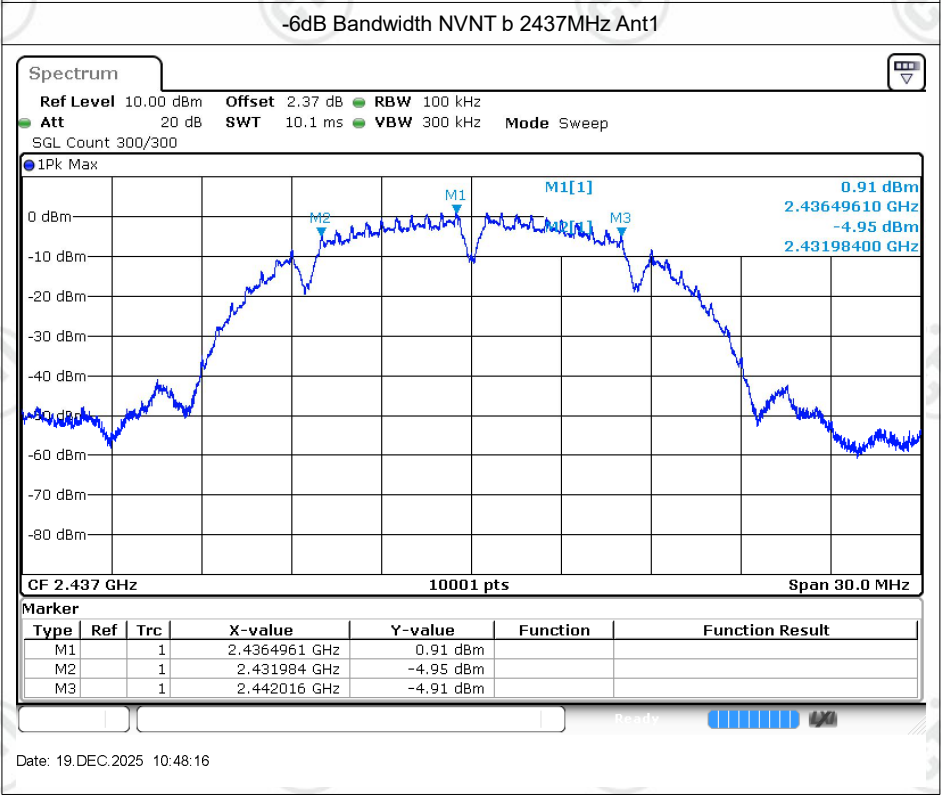
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	10.89	0	10.89	30	Pass
NVNT	b	2437	Ant1	10.79	0	10.79	30	Pass
NVNT	b	2462	Ant1	10.74	0	10.74	30	Pass
NVNT	g	2412	Ant1	10.01	0	10.01	30	Pass
NVNT	g	2437	Ant1	9.79	0	9.79	30	Pass
NVNT	g	2462	Ant1	9.31	0	9.31	30	Pass
NVNT	n20	2412	Ant1	10.03	0	10.03	30	Pass
NVNT	n20	2437	Ant1	9.75	0	9.75	30	Pass
NVNT	n20	2462	Ant1	9.3	0	9.3	30	Pass
NVNT	n40	2422	Ant1	10.25	0	10.25	30	Pass
NVNT	n40	2437	Ant1	9.59	0	9.59	30	Pass
NVNT	n40	2452	Ant1	9.25	0	9.25	30	Pass

-6dB Bandwidth

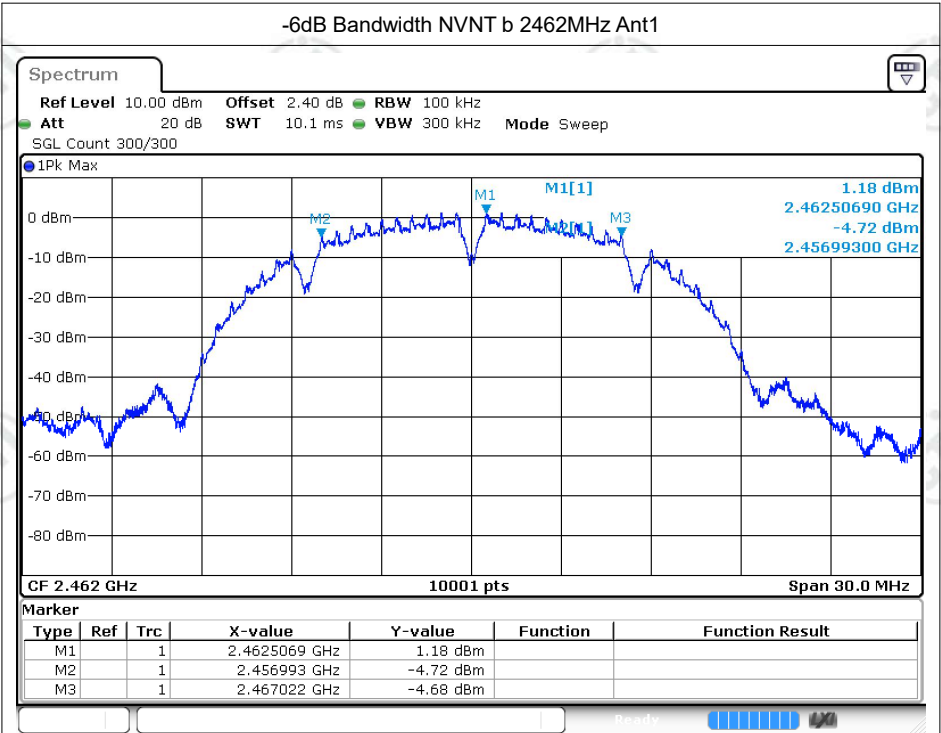
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.035	0.5	Pass
NVNT	b	2437	Ant1	10.032	0.5	Pass
NVNT	b	2462	Ant1	10.029	0.5	Pass
NVNT	g	2412	Ant1	16.341	0.5	Pass
NVNT	g	2437	Ant1	16.332	0.5	Pass
NVNT	g	2462	Ant1	16.335	0.5	Pass
NVNT	n20	2412	Ant1	17.568	0.5	Pass
NVNT	n20	2437	Ant1	17.547	0.5	Pass
NVNT	n20	2462	Ant1	17.553	0.5	Pass
NVNT	n40	2422	Ant1	36.306	0.5	Pass
NVNT	n40	2437	Ant1	36.324	0.5	Pass
NVNT	n40	2452	Ant1	36.324	0.5	Pass



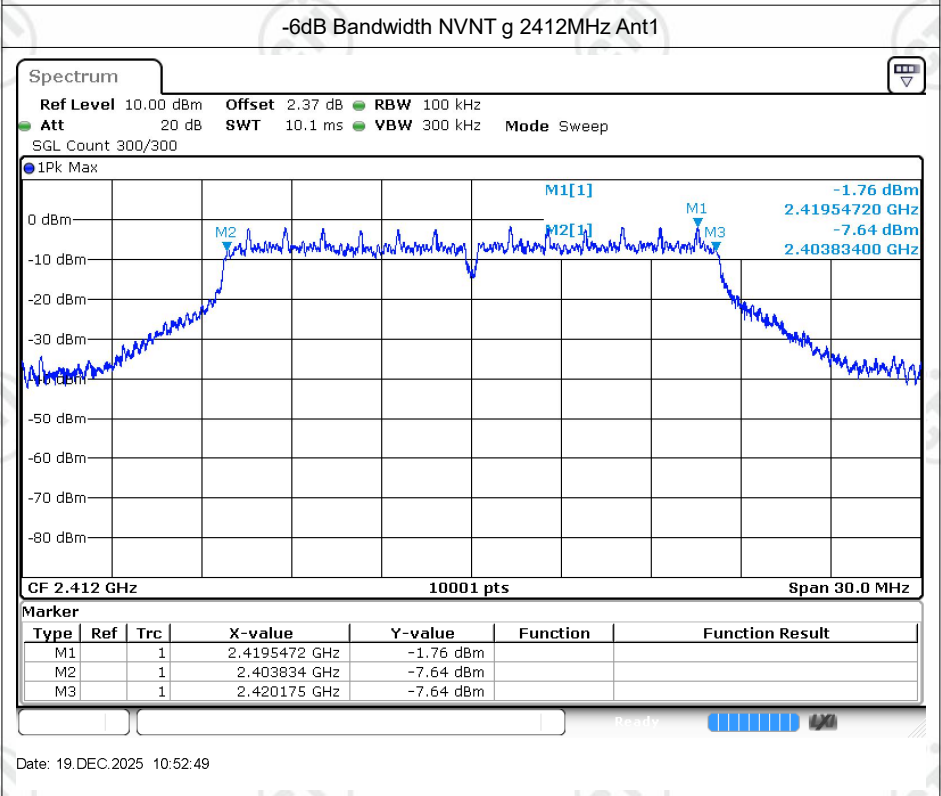
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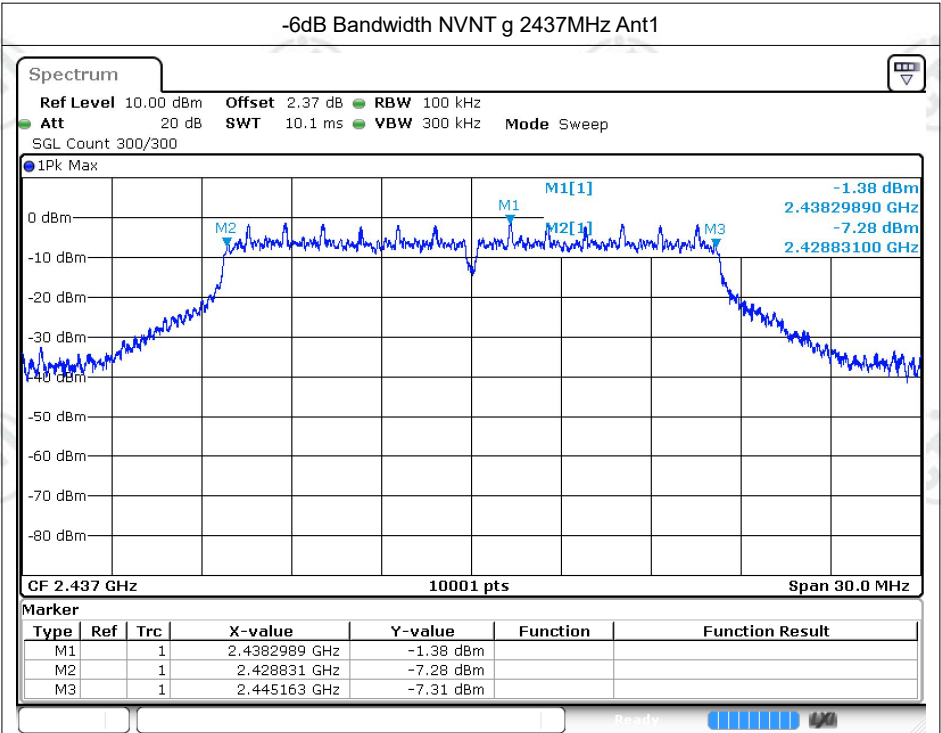
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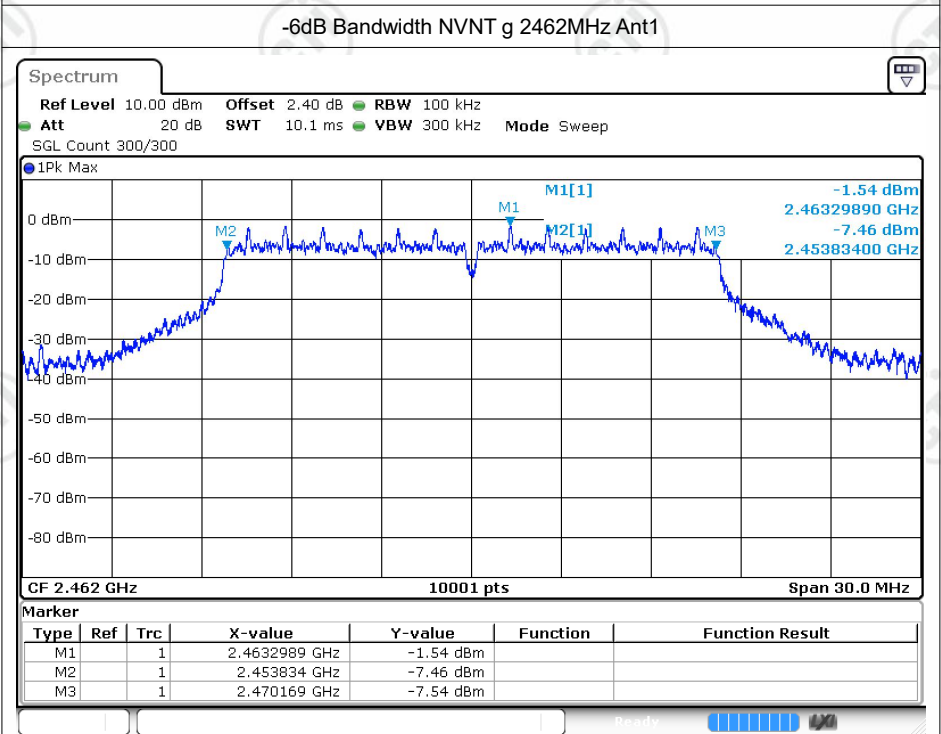
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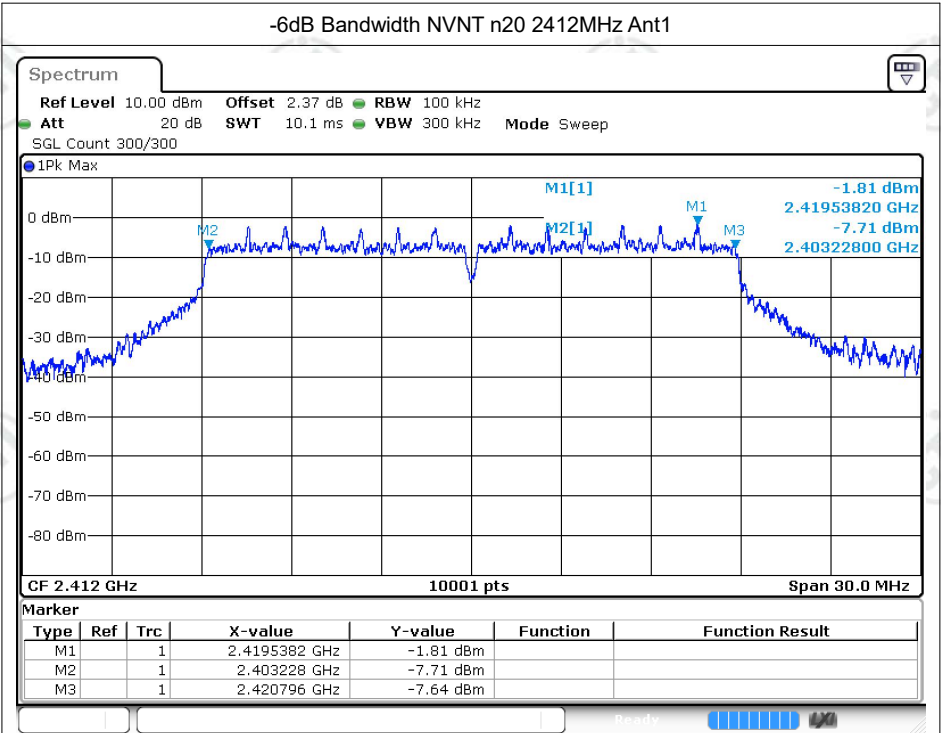
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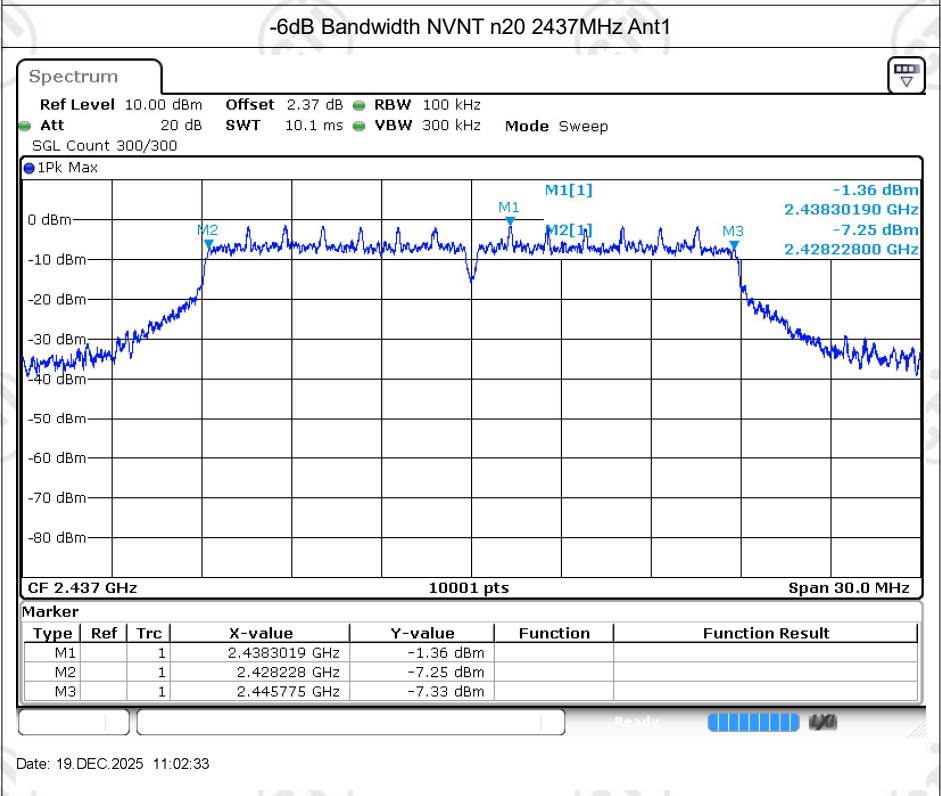
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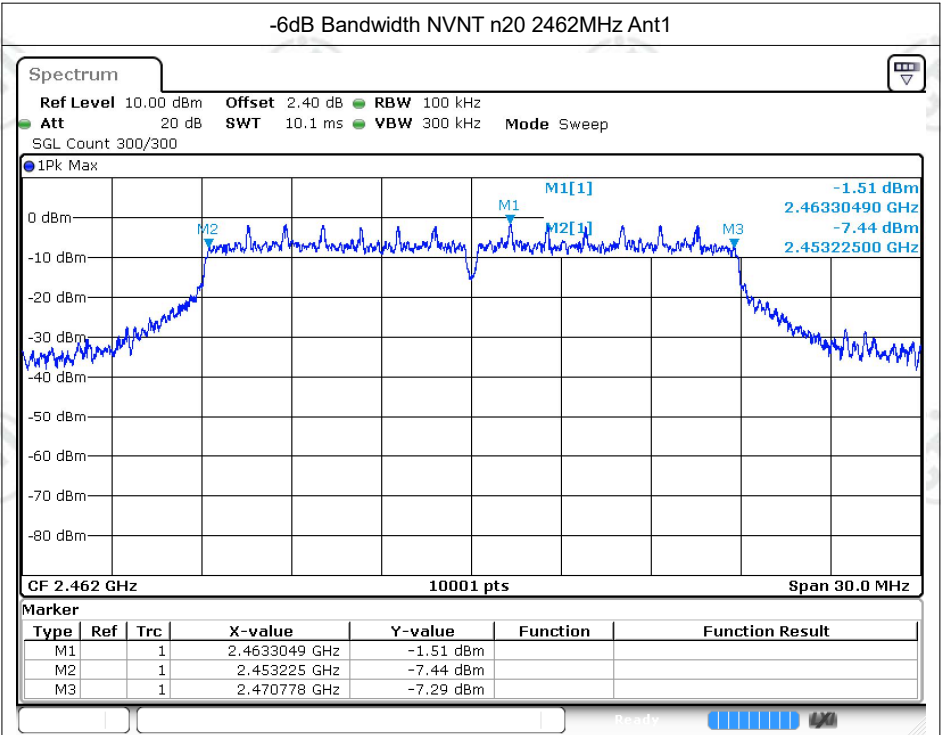
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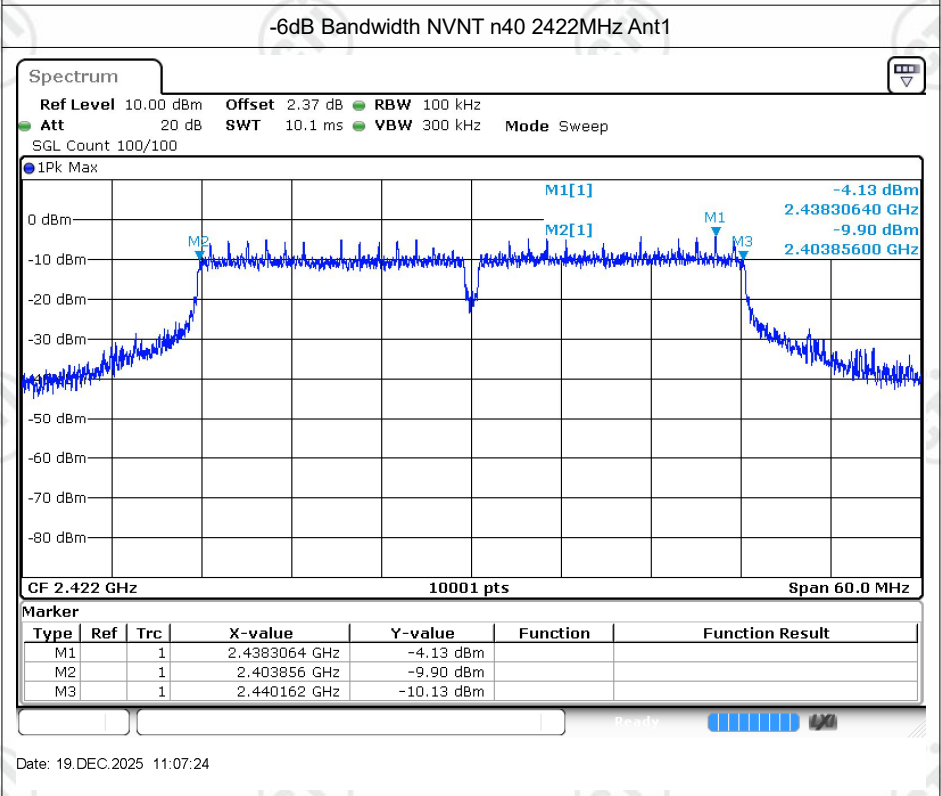
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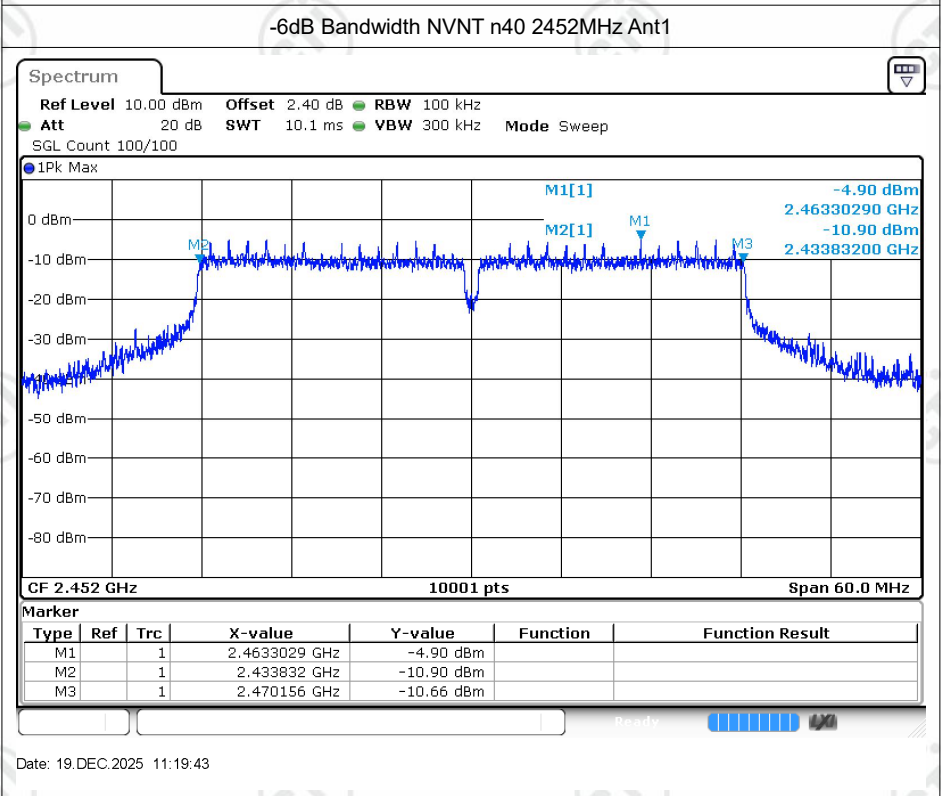
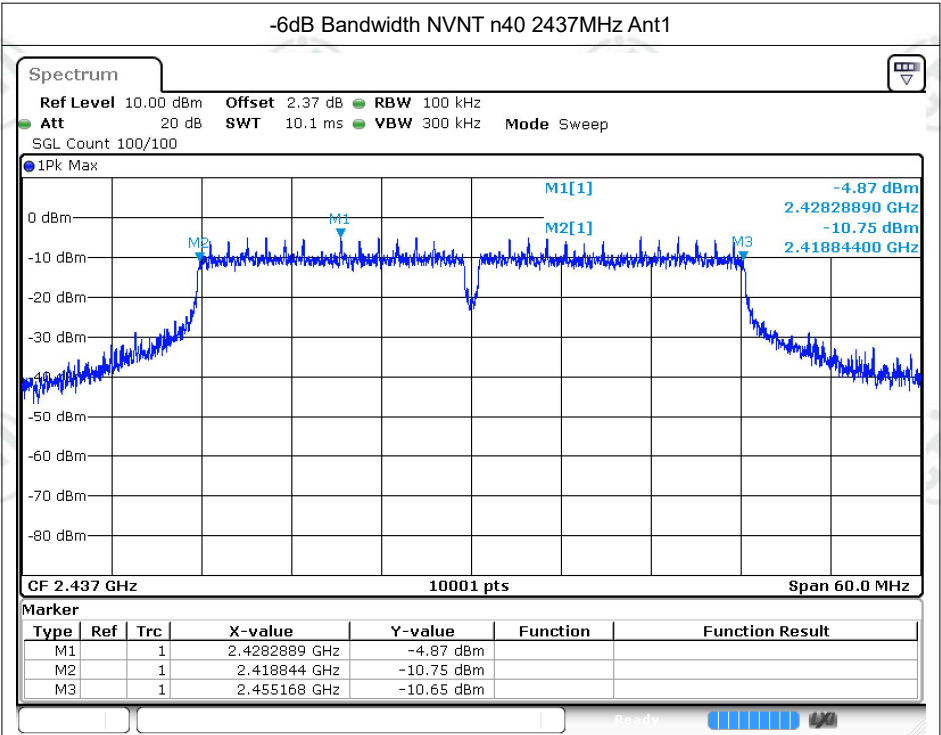
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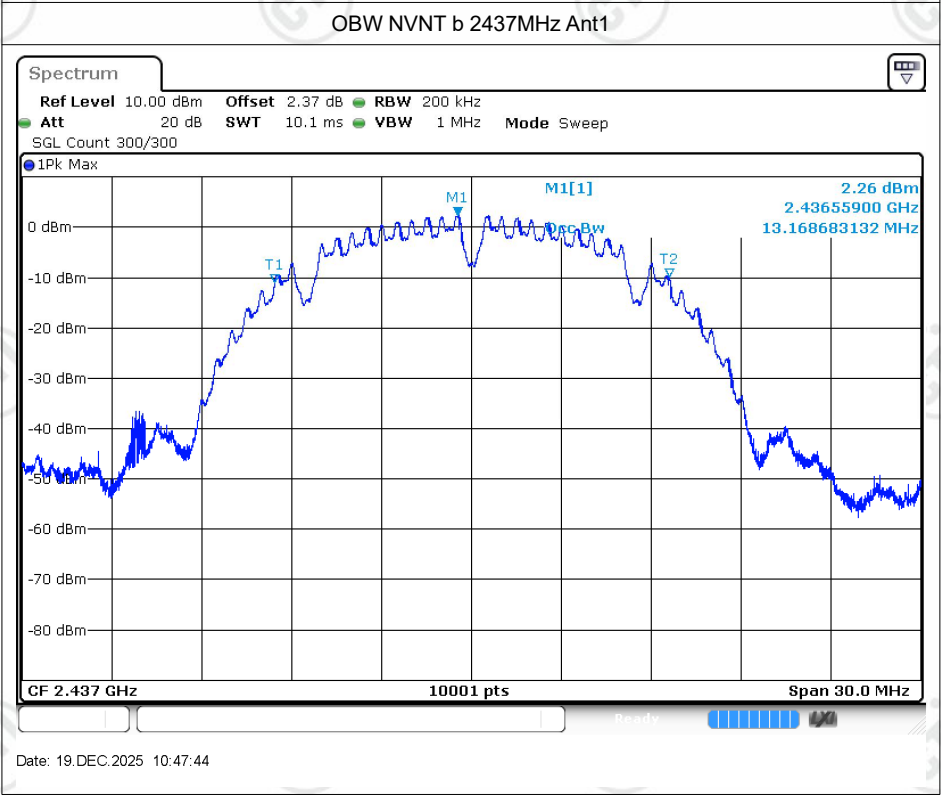
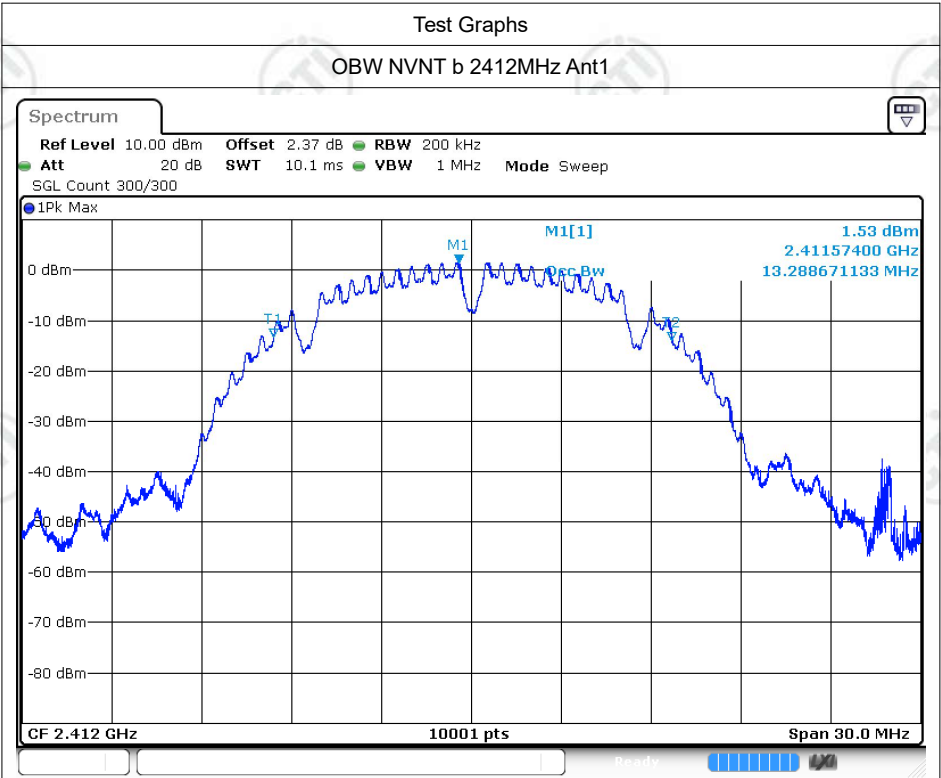


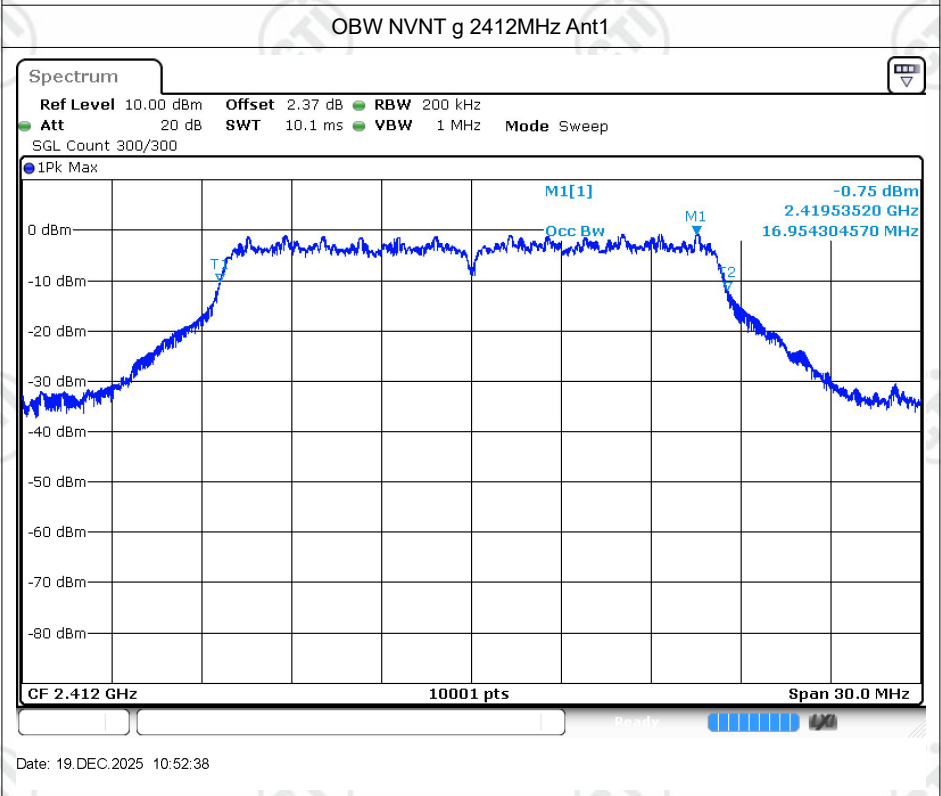
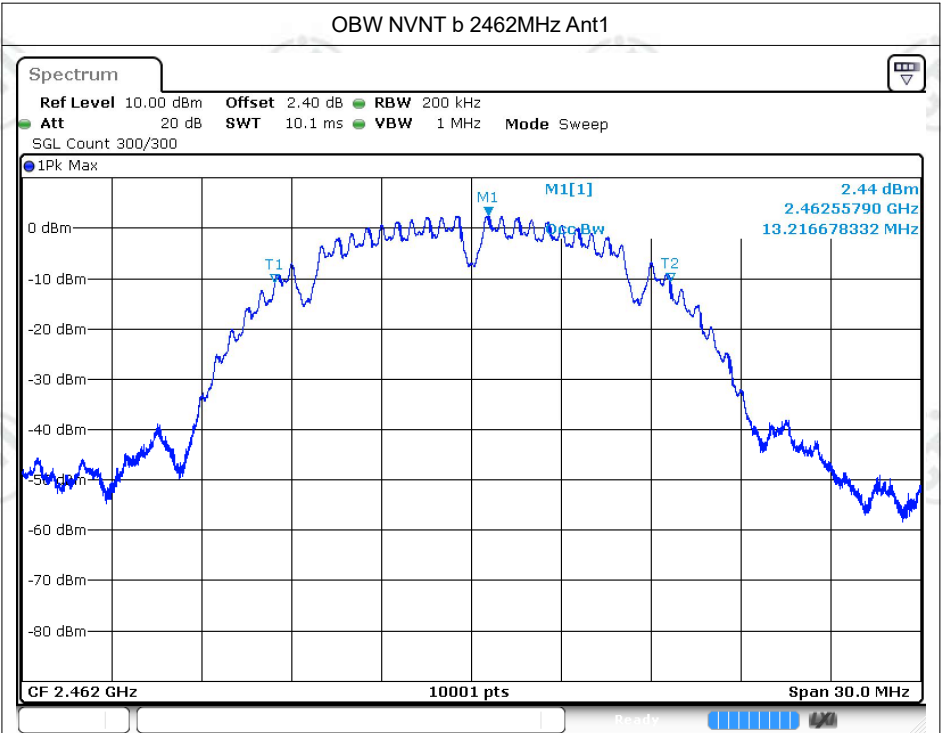
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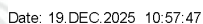
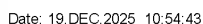


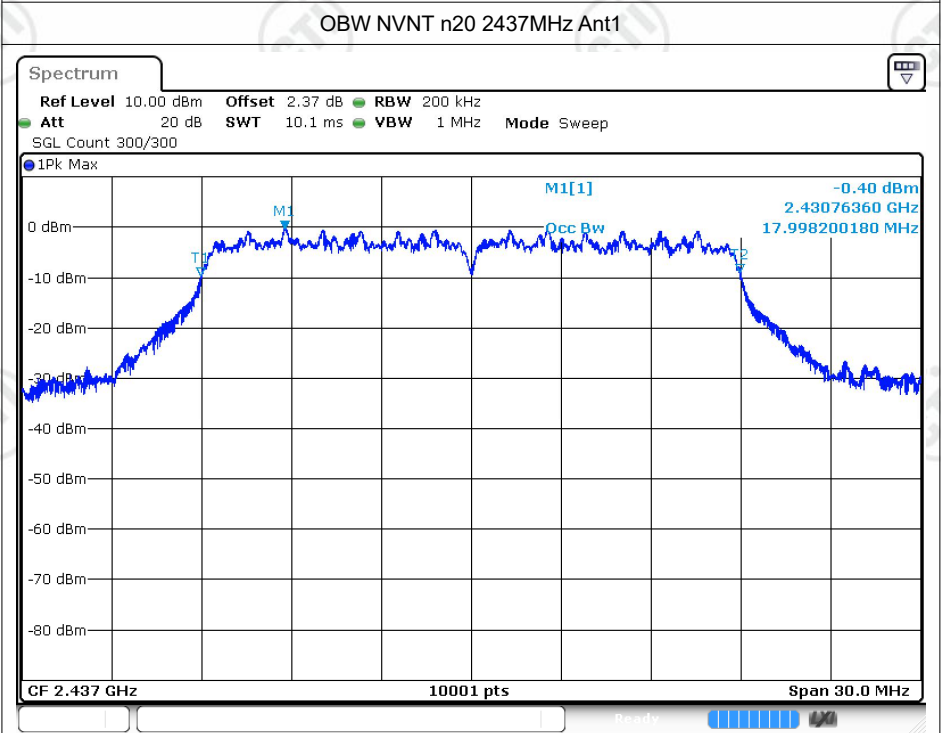
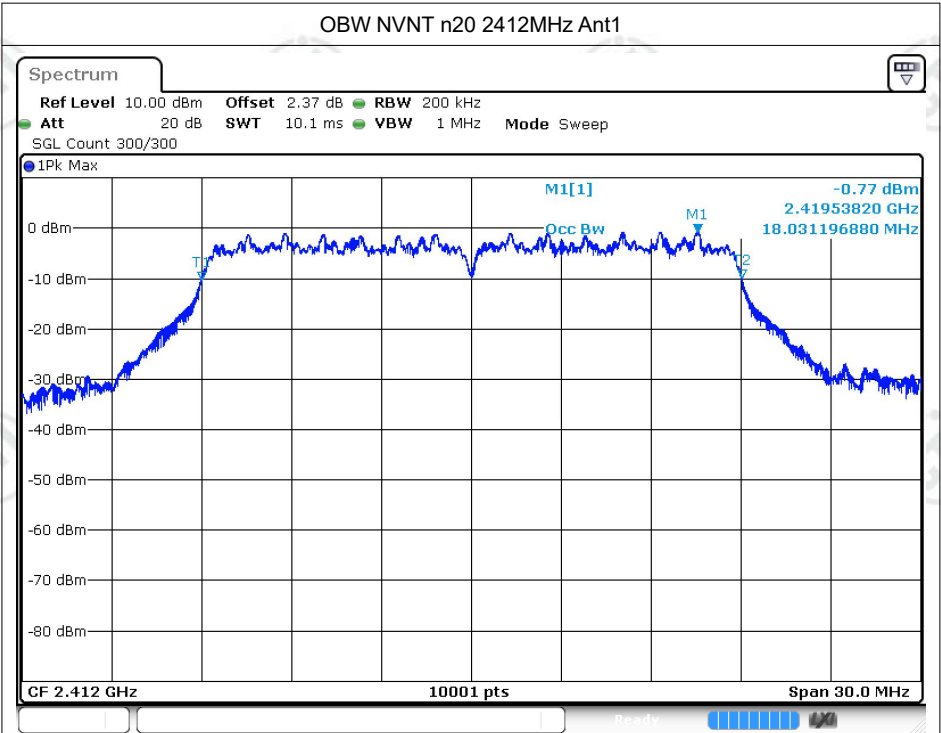
Occupied Channel Bandwidth

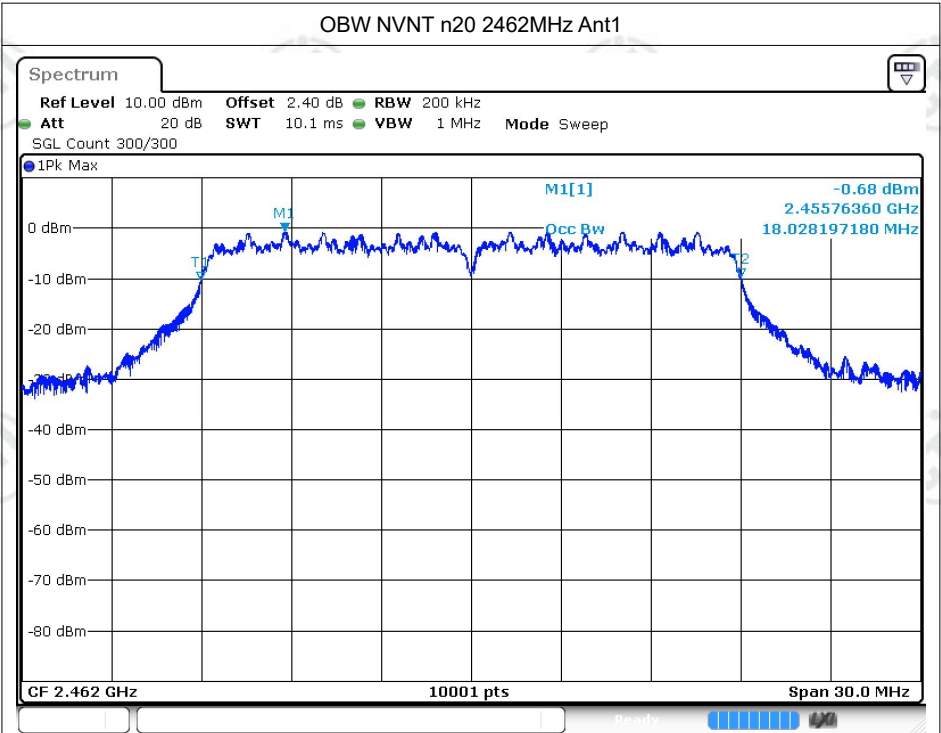
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.289
NVNT	b	2437	Ant1	13.169
NVNT	b	2462	Ant1	13.217
NVNT	g	2412	Ant1	16.954
NVNT	g	2437	Ant1	16.903
NVNT	g	2462	Ant1	16.93
NVNT	n20	2412	Ant1	18.031
NVNT	n20	2437	Ant1	17.998
NVNT	n20	2462	Ant1	18.028
NVNT	n40	2422	Ant1	37.082
NVNT	n40	2437	Ant1	37.046
NVNT	n40	2452	Ant1	37.16



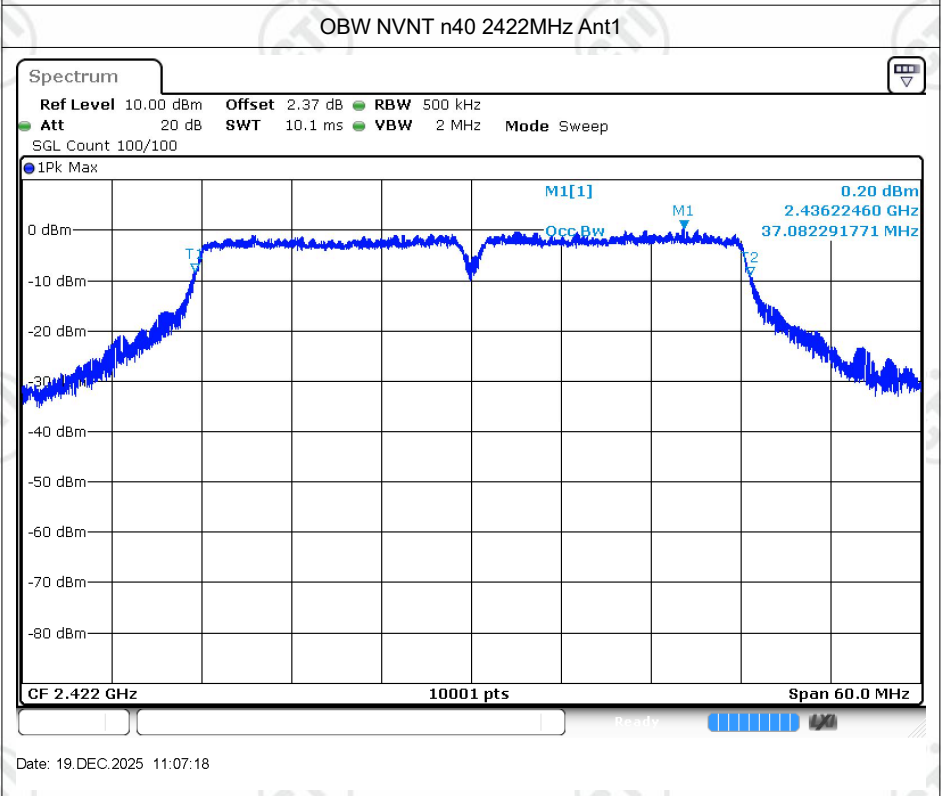




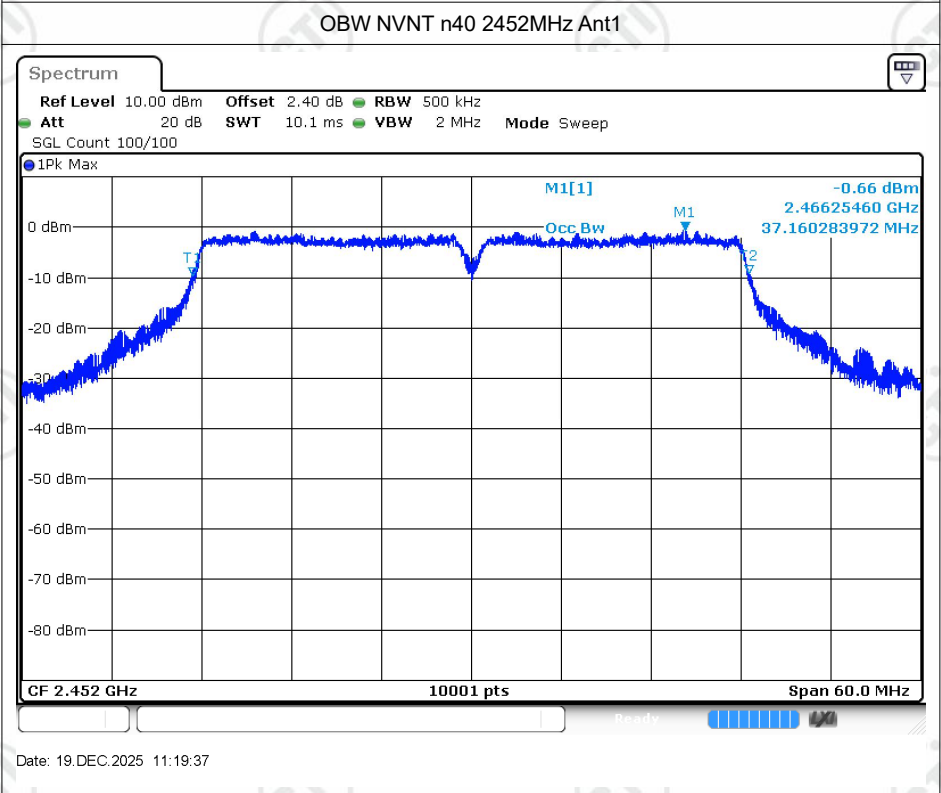
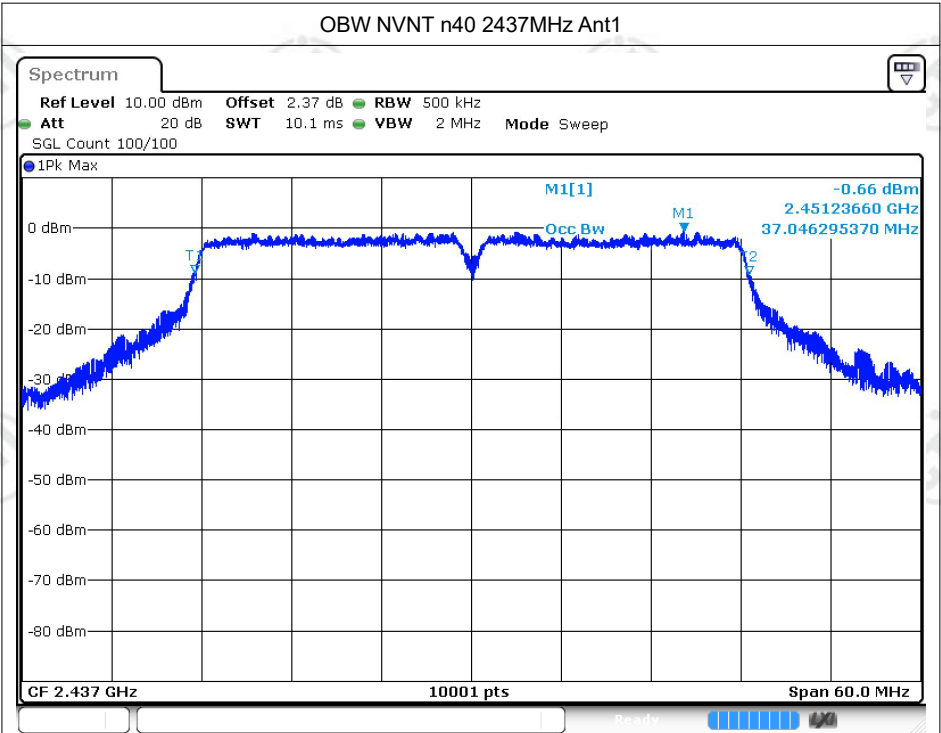




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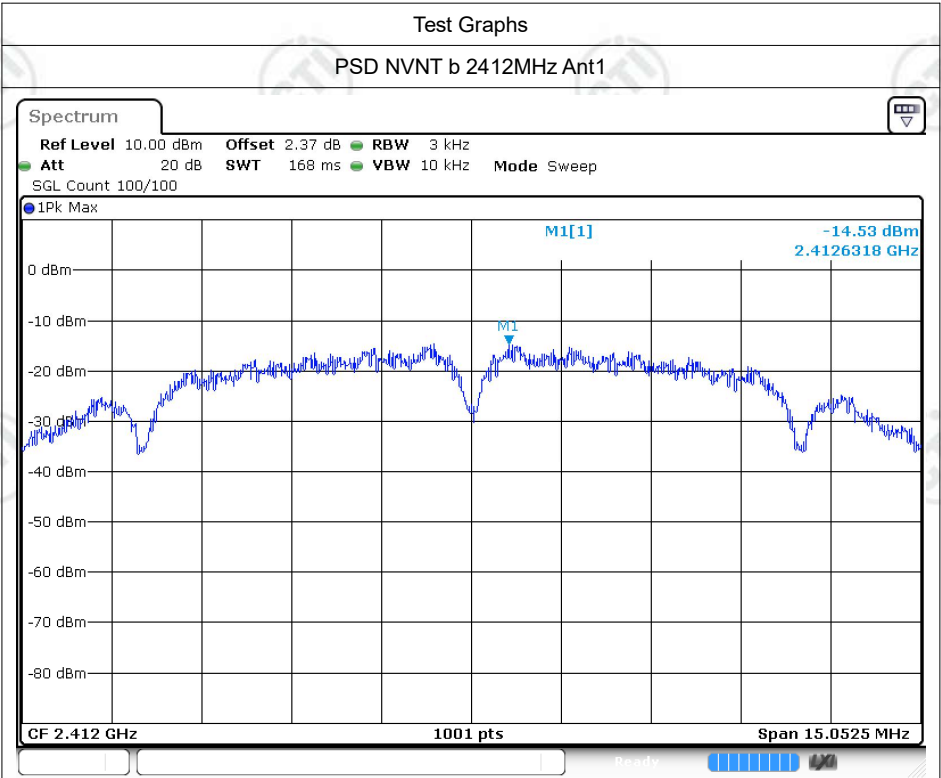


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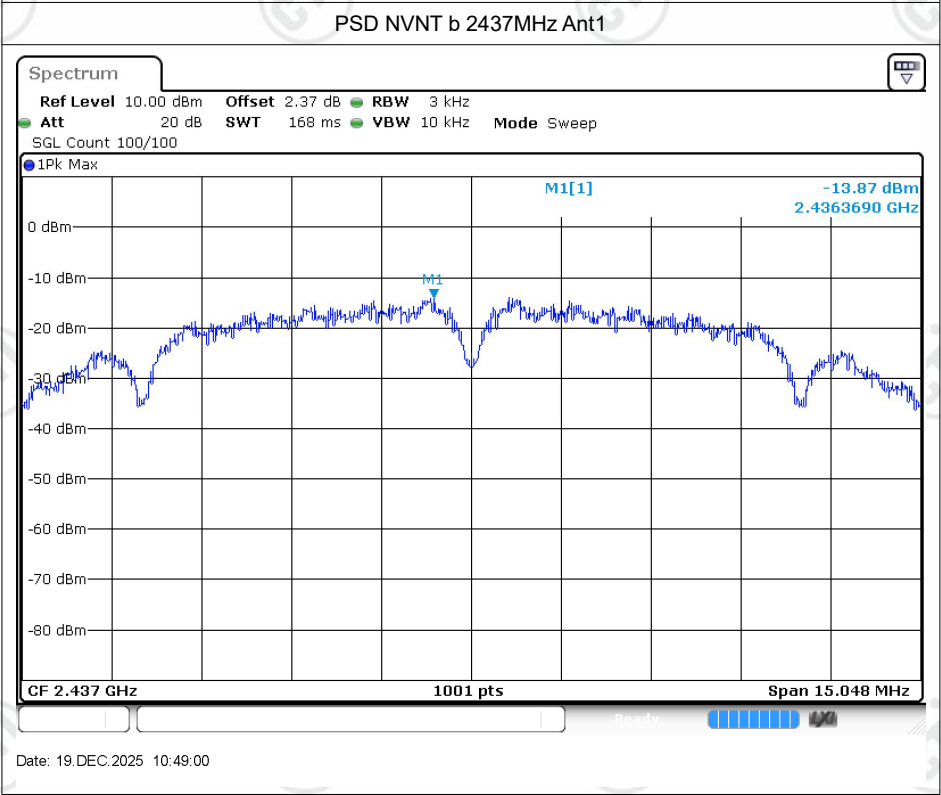


Maximum Power Spectral Density Level

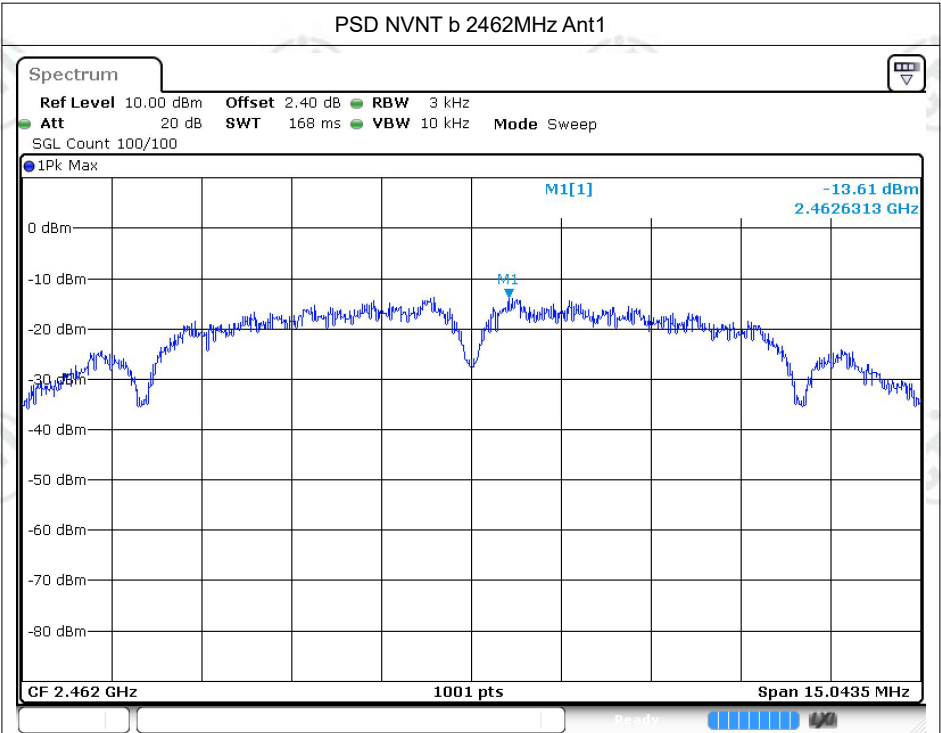
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-14.53	0	-14.53	8	Pass
NVNT	b	2437	Ant1	-13.87	0	-13.87	8	Pass
NVNT	b	2462	Ant1	-13.61	0	-13.61	8	Pass
NVNT	g	2412	Ant1	-17.01	0	-17.01	8	Pass
NVNT	g	2437	Ant1	-16.42	0	-16.42	8	Pass
NVNT	g	2462	Ant1	-16.73	0	-16.73	8	Pass
NVNT	n20	2412	Ant1	-16.59	0	-16.59	8	Pass
NVNT	n20	2437	Ant1	-16.1	0	-16.1	8	Pass
NVNT	n20	2462	Ant1	-16.37	0	-16.37	8	Pass
NVNT	n40	2422	Ant1	-17.57	0	-17.57	8	Pass
NVNT	n40	2437	Ant1	-17.95	0	-17.95	8	Pass
NVNT	n40	2452	Ant1	-18.23	0	-18.23	8	Pass



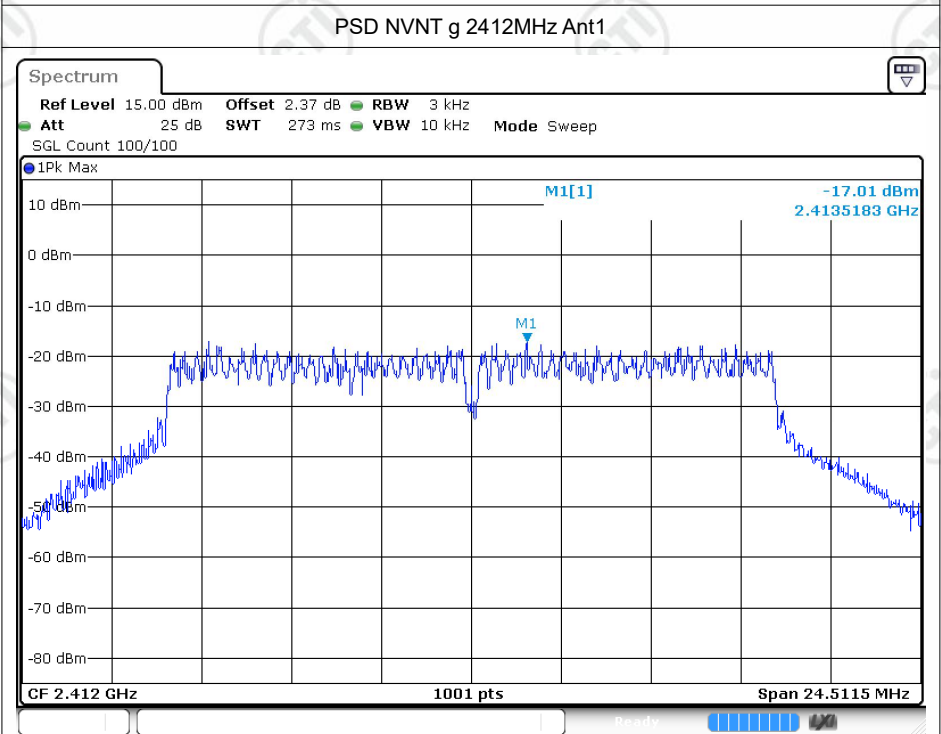
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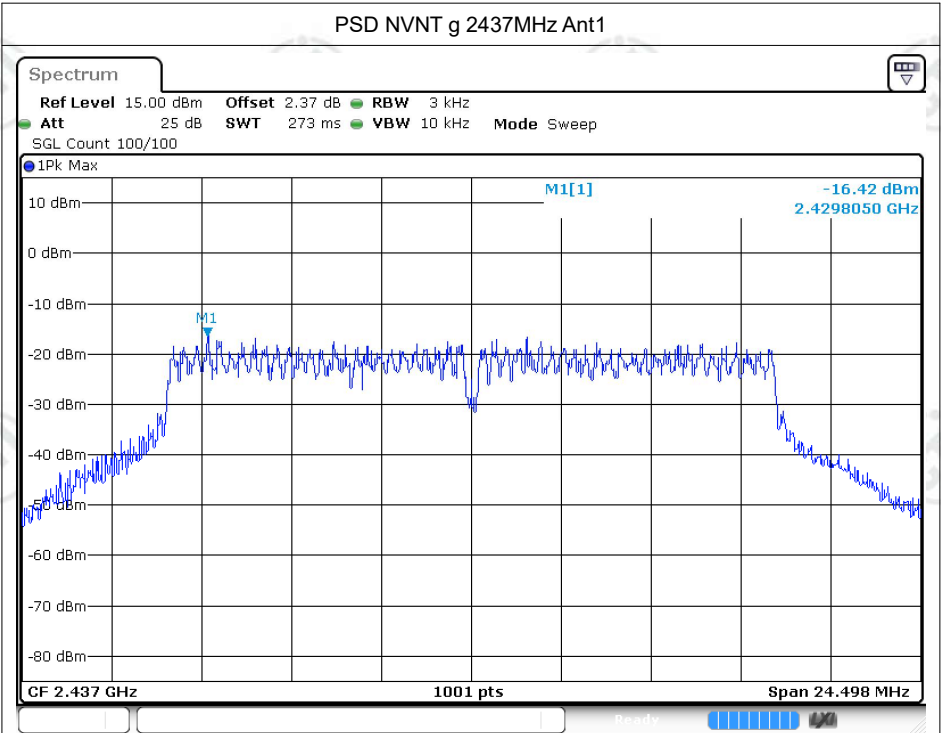
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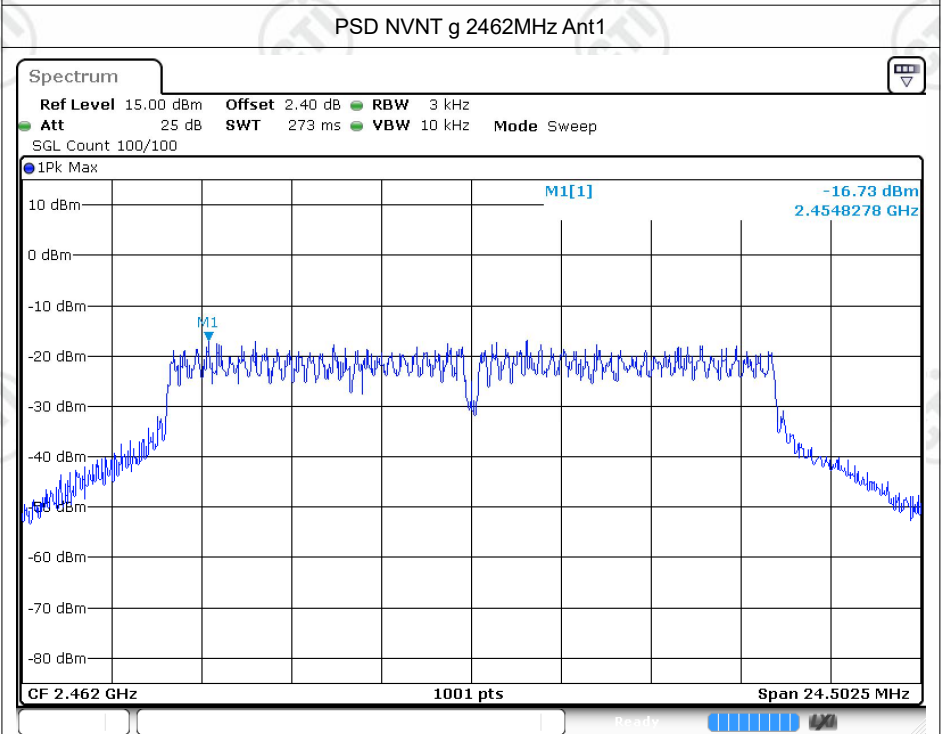
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