

Appendix: 2.4G Wi-Fi

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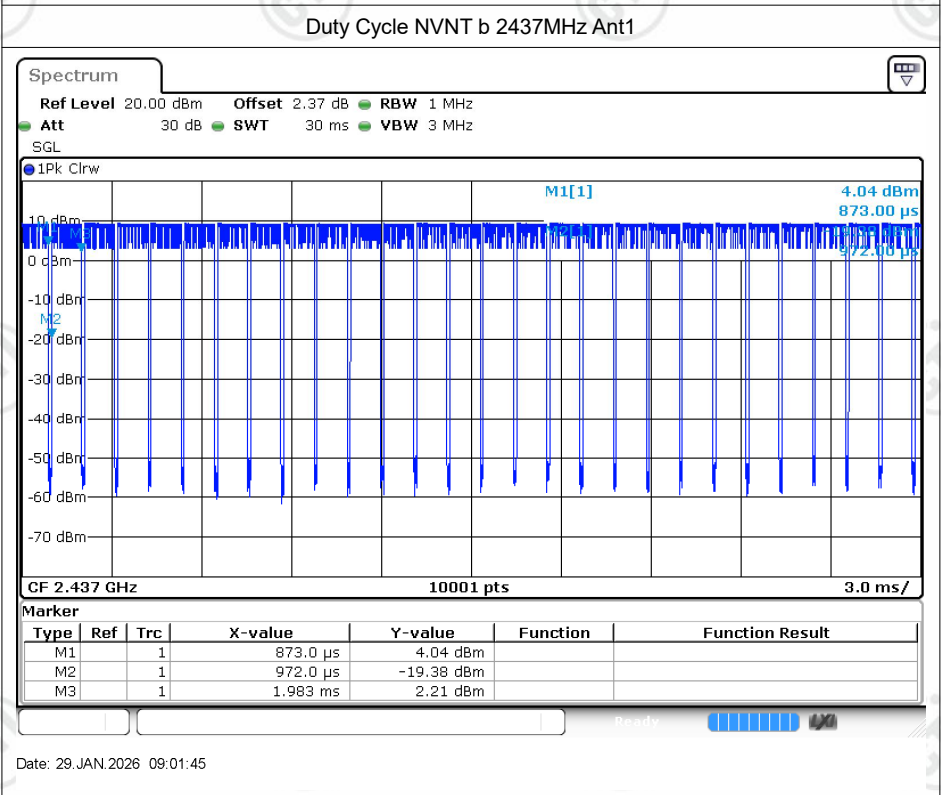
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Duty Cycle

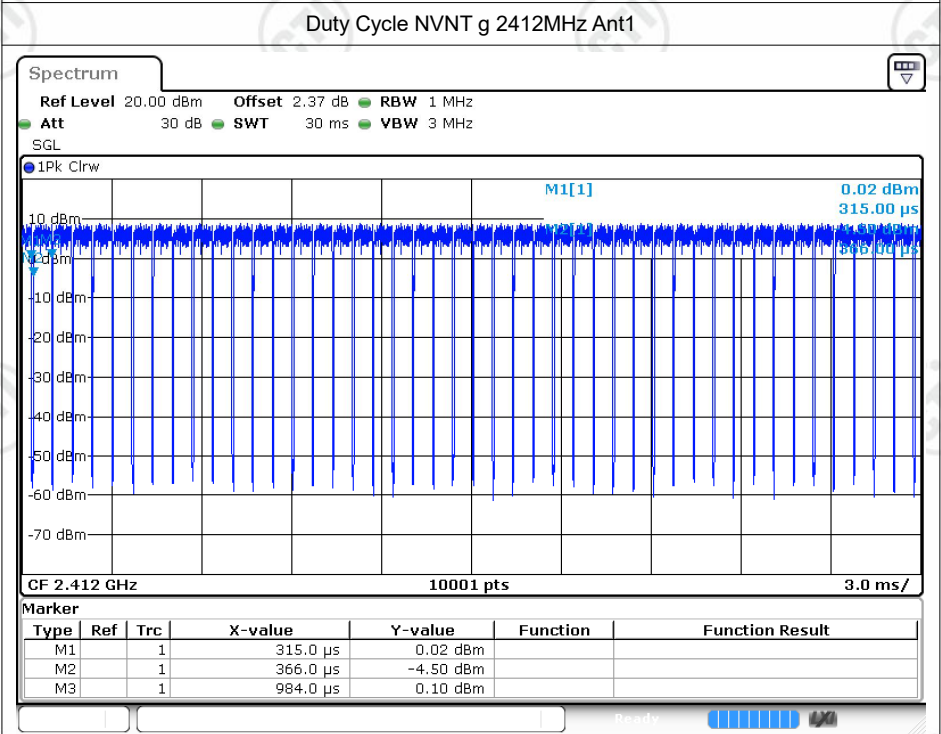
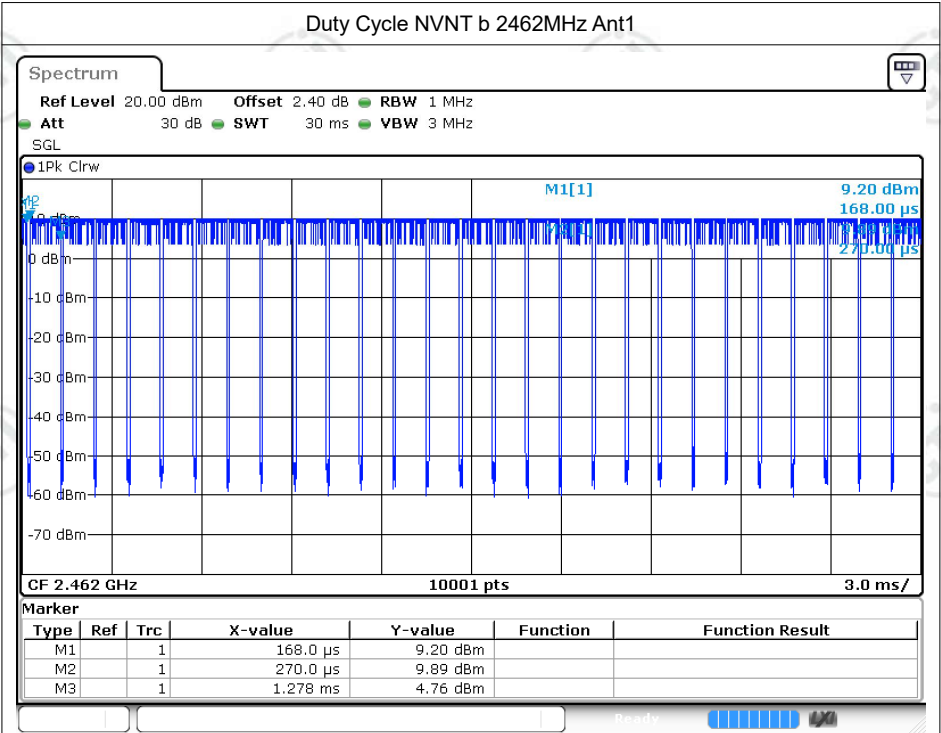
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	91.06	0.41	0.99
NVNT	b	2437	Ant1	91.08	0.41	0.99
NVNT	b	2462	Ant1	90.81	0.42	0.99
NVNT	g	2412	Ant1	92.38	0.34	1.62
NVNT	g	2437	Ant1	92.38	0.34	1.62
NVNT	g	2462	Ant1	92.38	0.34	1.62
NVNT	n20	2412	Ant1	92.34	0.35	1.63
NVNT	n20	2437	Ant1	92.34	0.35	1.63
NVNT	n20	2462	Ant1	91.89	0.37	1.63
NVNT	n40	2422	Ant1	92.26	0.35	1.63
NVNT	n40	2437	Ant1	92.18	0.35	1.63
NVNT	n40	2452	Ant1	92.26	0.35	1.63

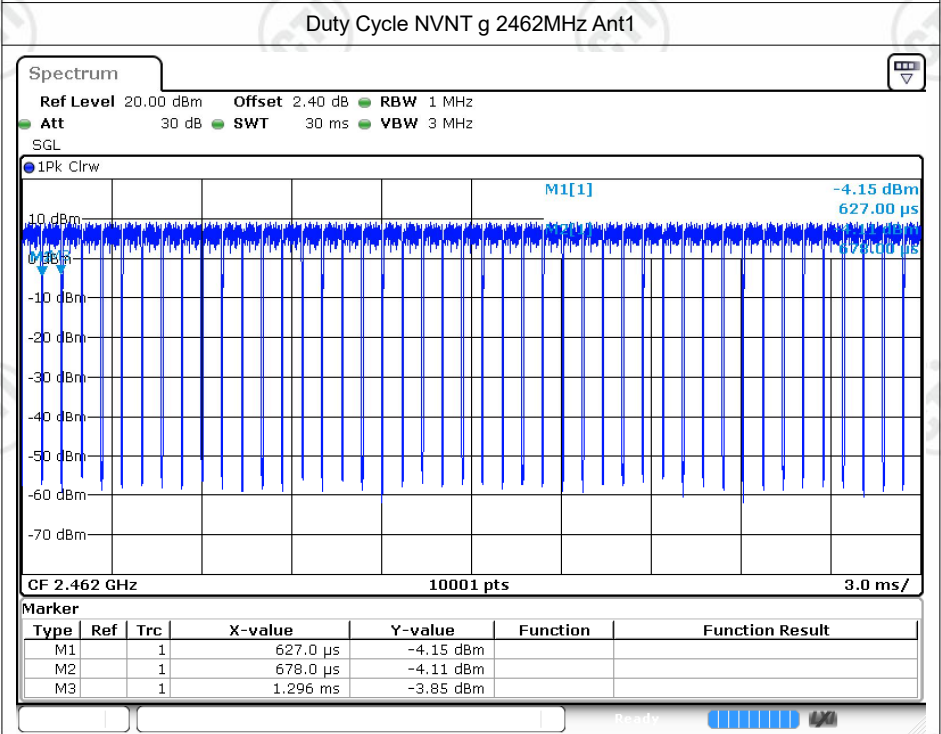
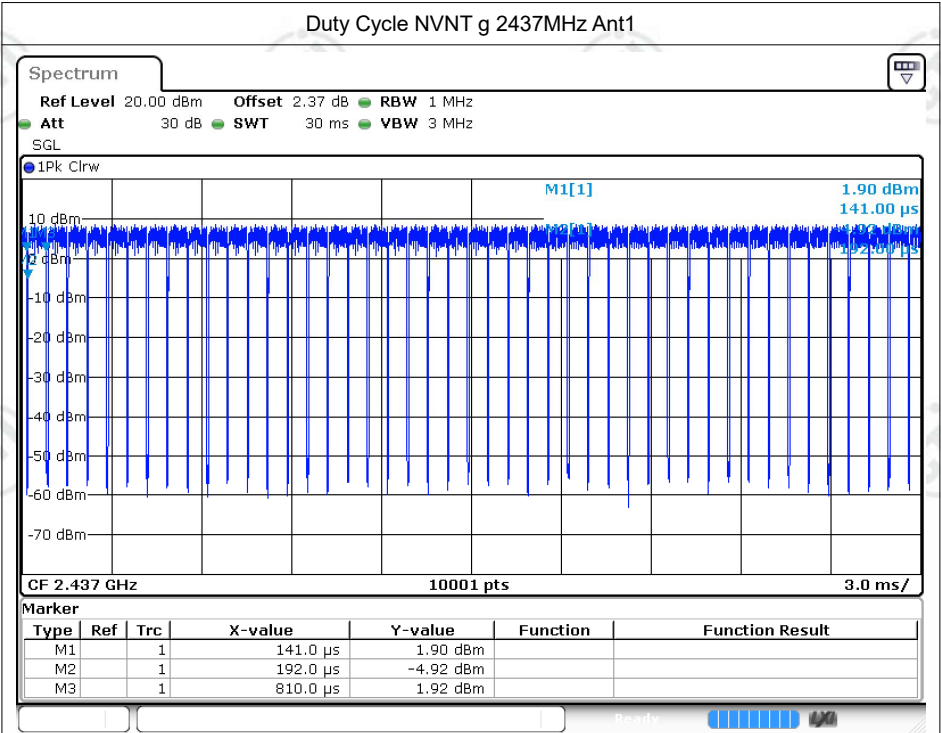


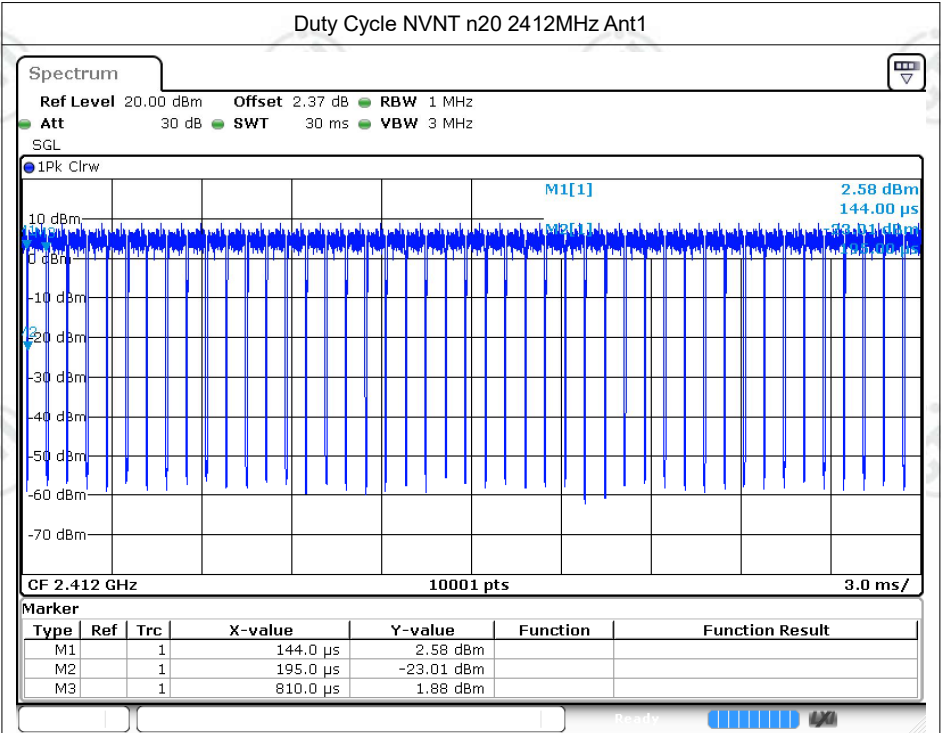
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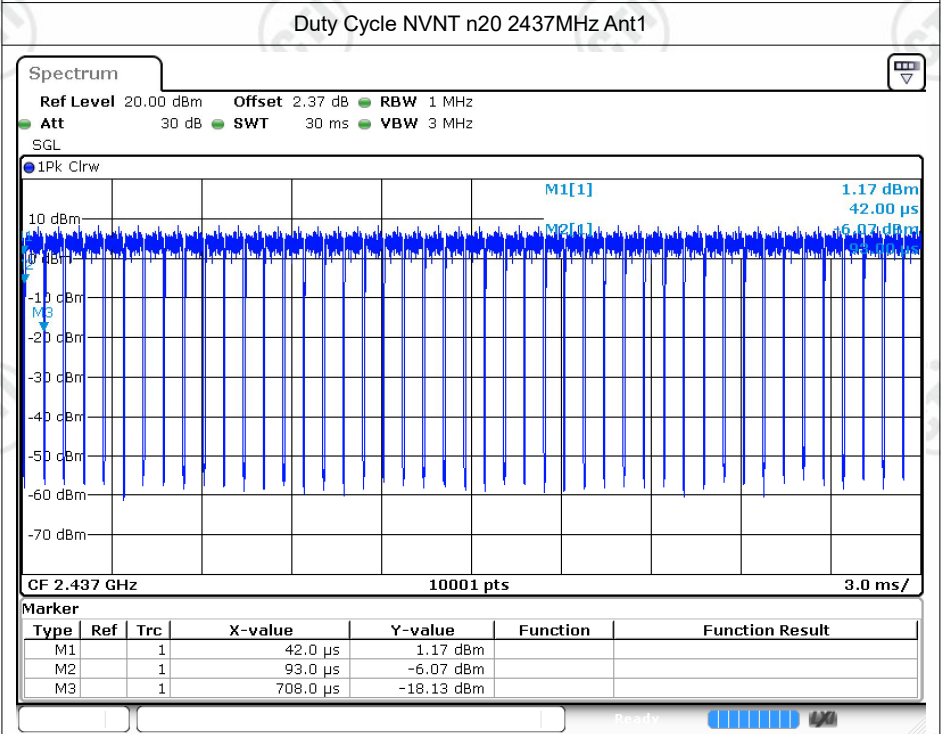
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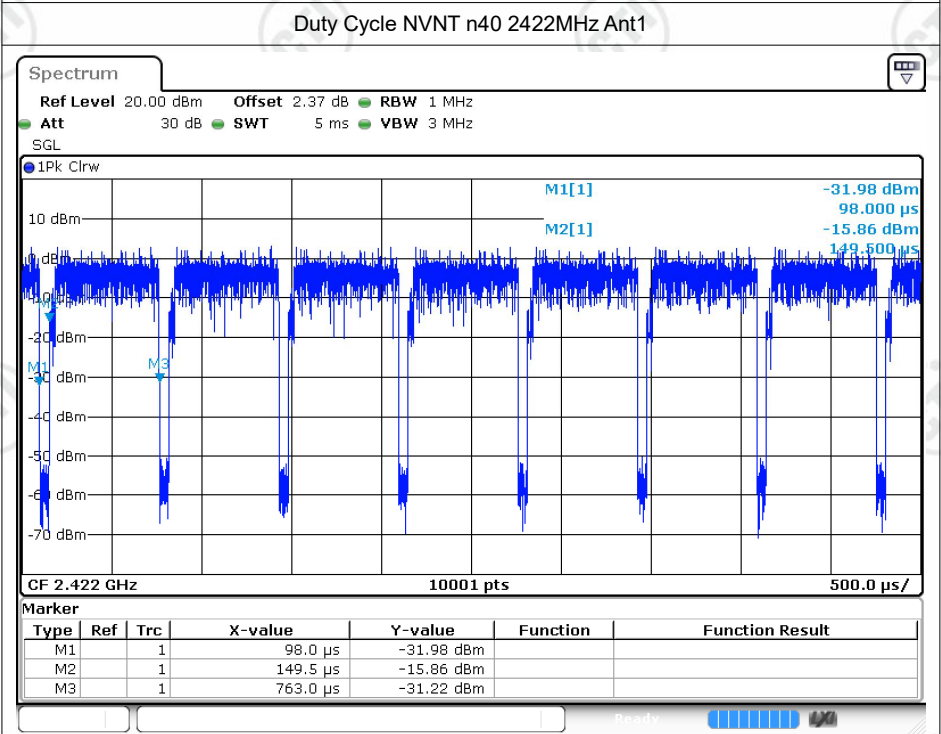
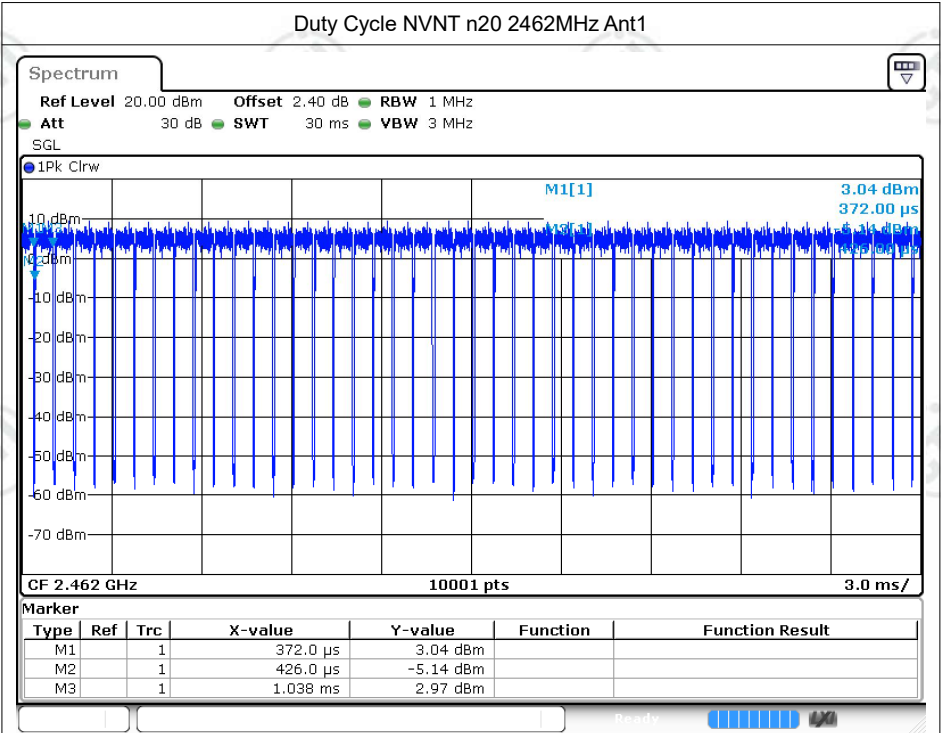


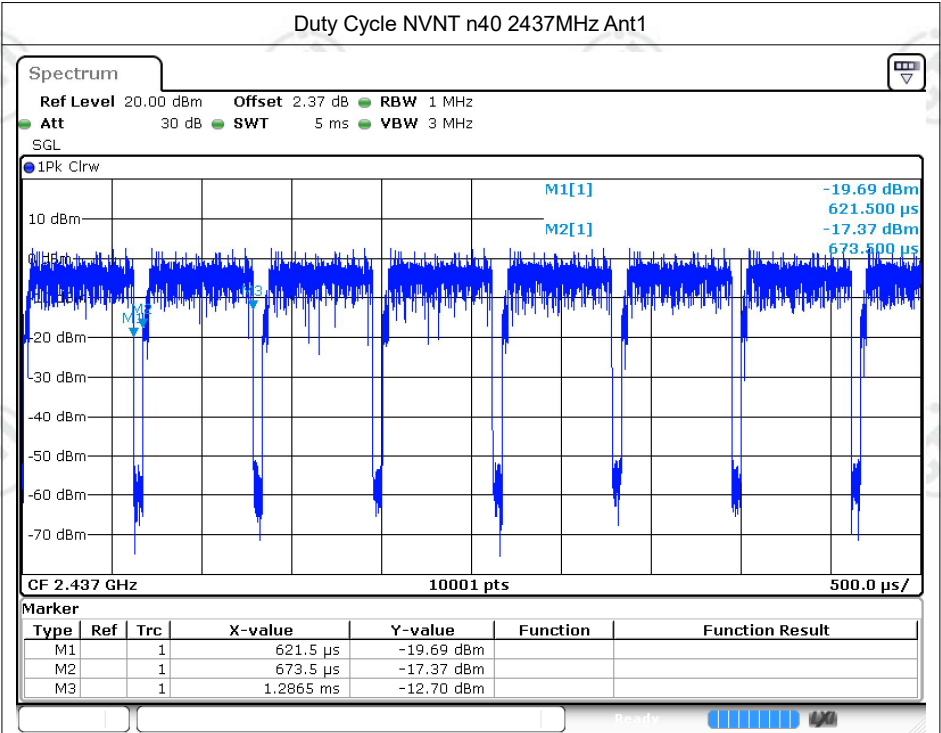


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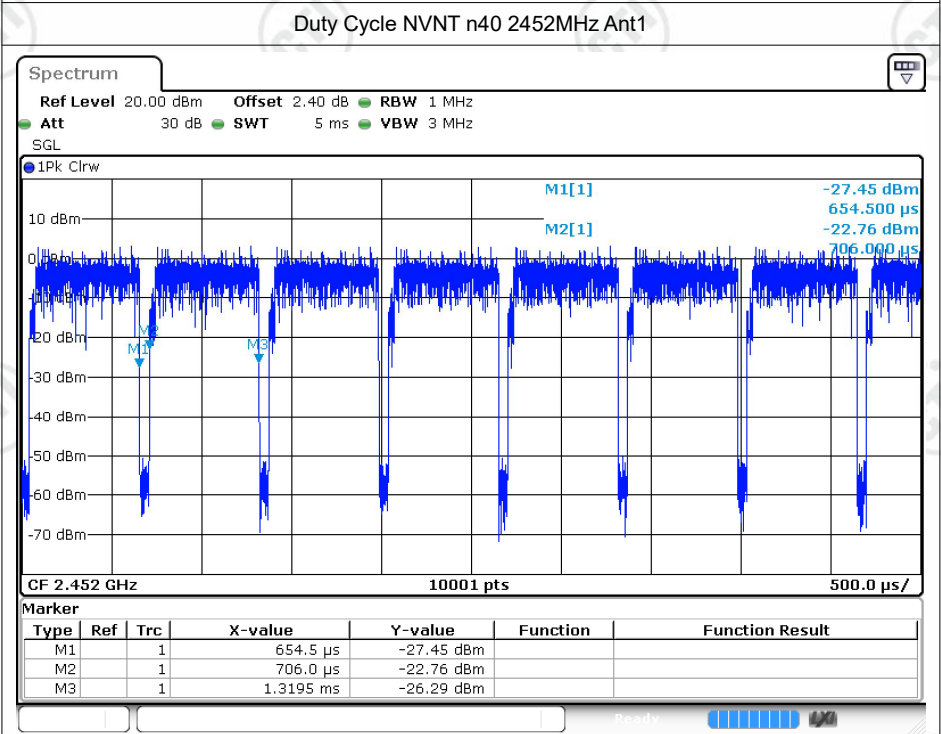


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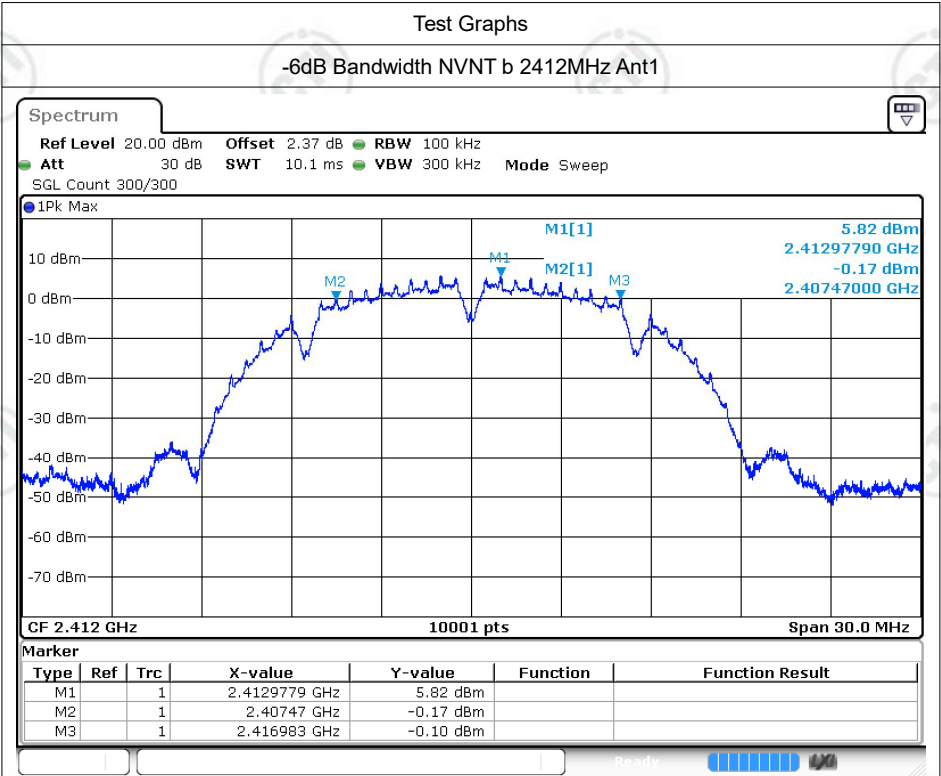
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Maximum Peak Conducted Output Power

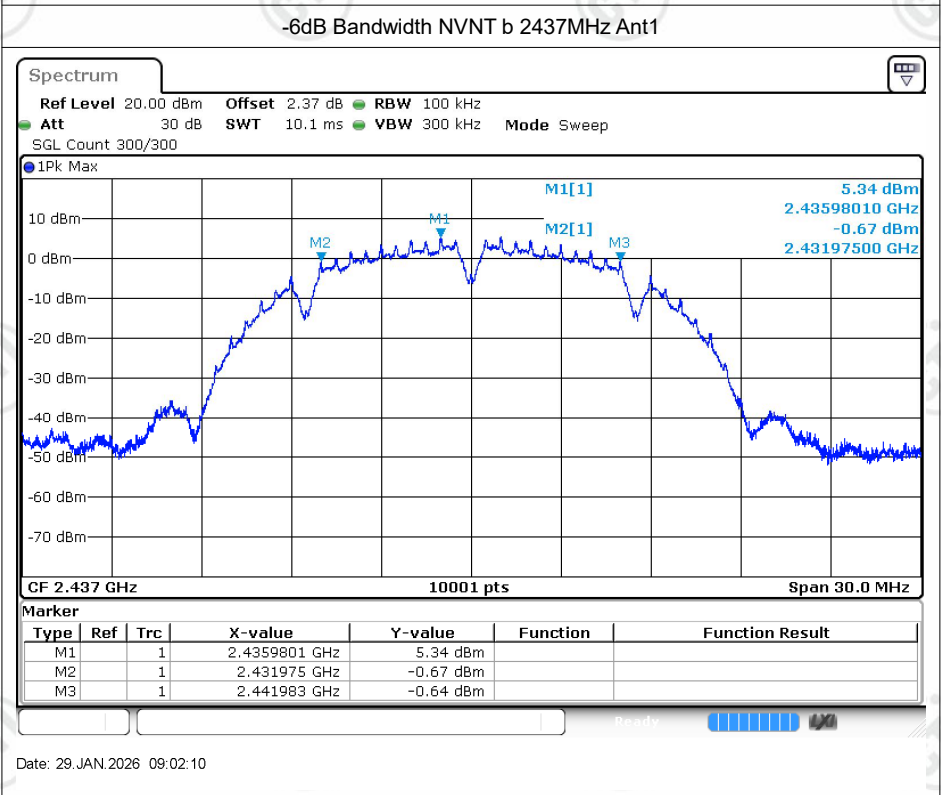
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.03	30	Pass
NVNT	b	2437	Ant1	16.28	30	Pass
NVNT	b	2462	Ant1	16.32	30	Pass
NVNT	g	2412	Ant1	15.13	30	Pass
NVNT	g	2437	Ant1	15.48	30	Pass
NVNT	g	2462	Ant1	15.5	30	Pass
NVNT	n20	2412	Ant1	14.25	30	Pass
NVNT	n20	2437	Ant1	14.7	30	Pass
NVNT	n20	2462	Ant1	14.71	30	Pass
NVNT	n40	2422	Ant1	14.26	30	Pass
NVNT	n40	2437	Ant1	14.47	30	Pass
NVNT	n40	2452	Ant1	14.98	30	Pass

-6dB Bandwidth

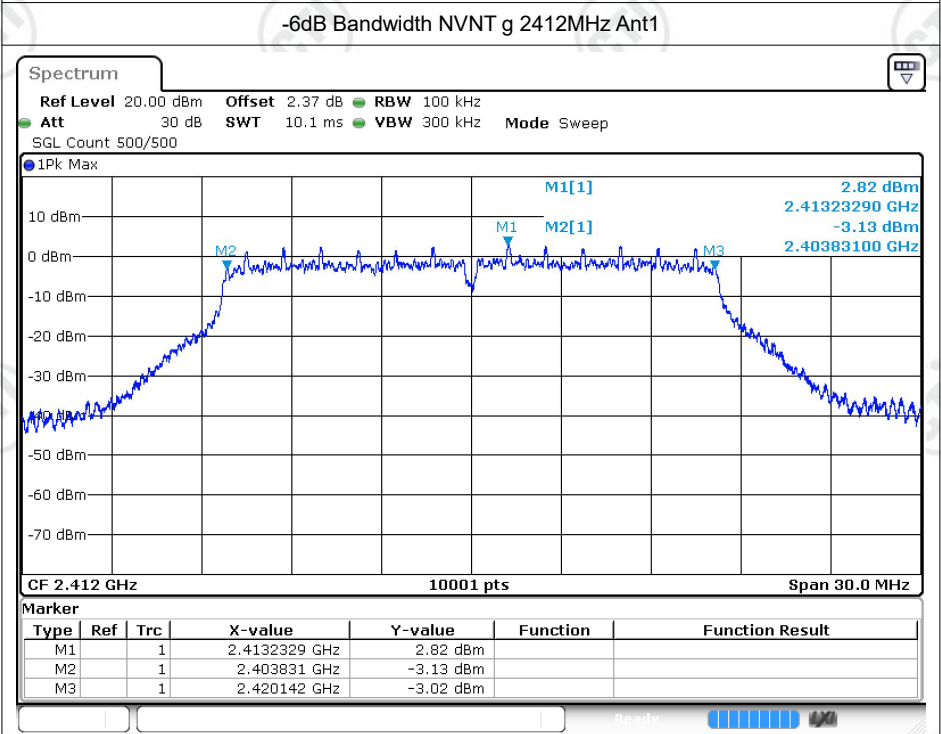
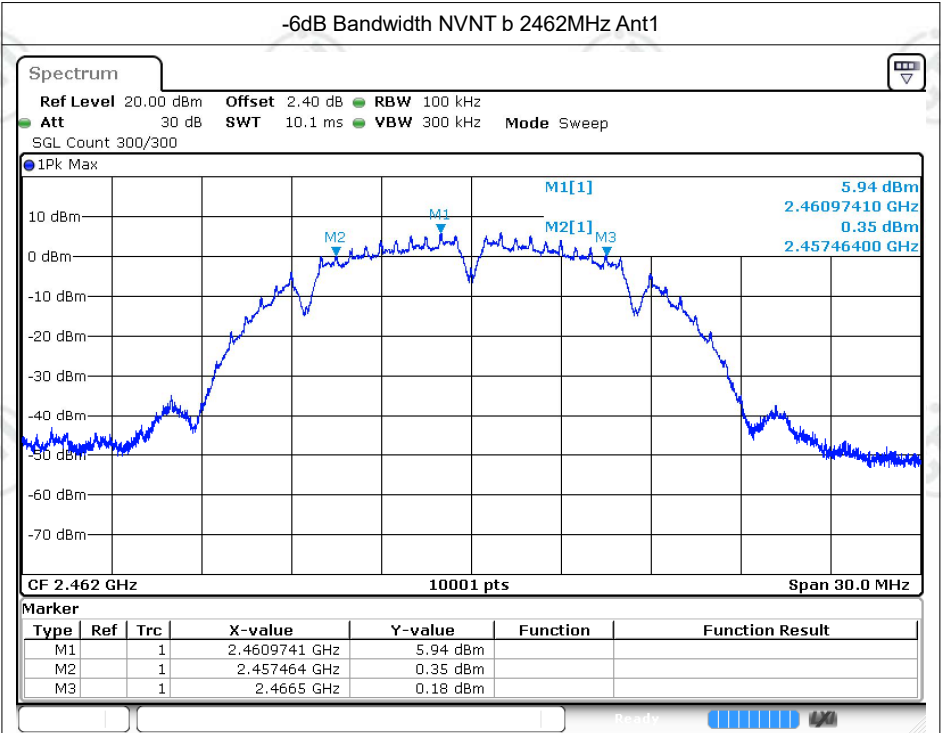
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.513	0.5	Pass
NVNT	b	2437	Ant1	10.008	0.5	Pass
NVNT	b	2462	Ant1	9.036	0.5	Pass
NVNT	g	2412	Ant1	16.311	0.5	Pass
NVNT	g	2437	Ant1	16.329	0.5	Pass
NVNT	g	2462	Ant1	16.314	0.5	Pass
NVNT	n20	2412	Ant1	16.923	0.5	Pass
NVNT	n20	2437	Ant1	17.544	0.5	Pass
NVNT	n20	2462	Ant1	17.514	0.5	Pass
NVNT	n40	2422	Ant1	34.992	0.5	Pass
NVNT	n40	2437	Ant1	35.088	0.5	Pass
NVNT	n40	2452	Ant1	35.088	0.5	Pass

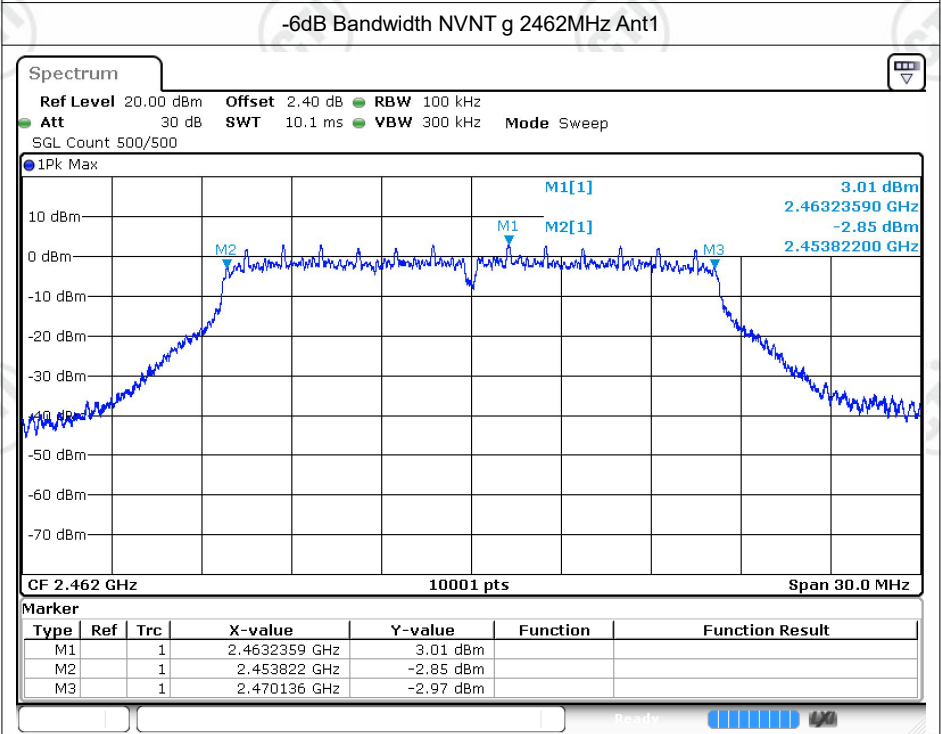
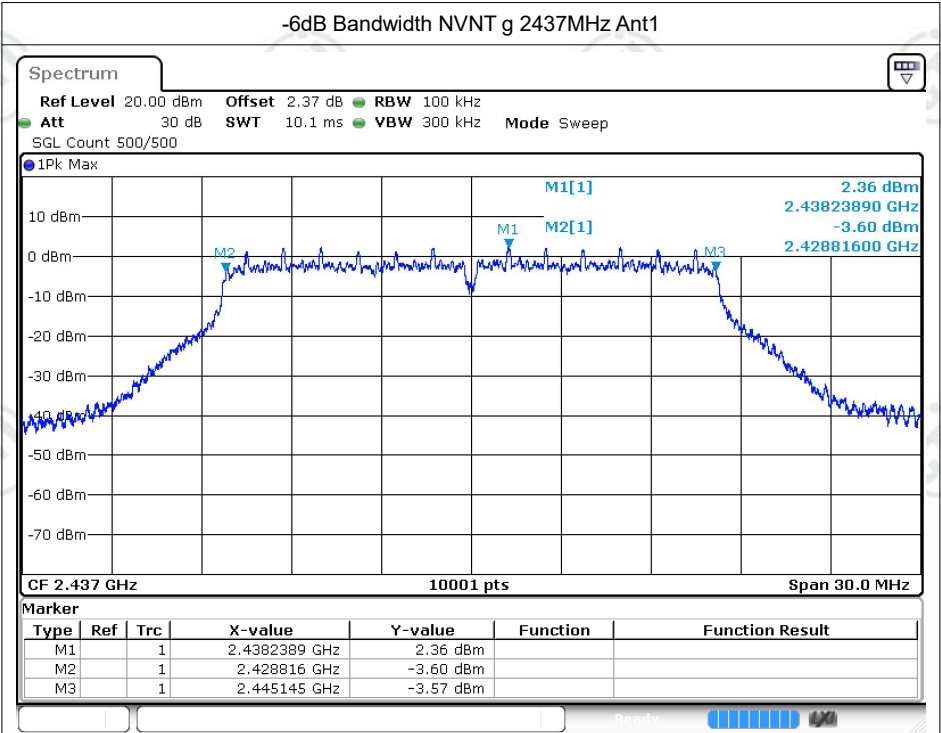


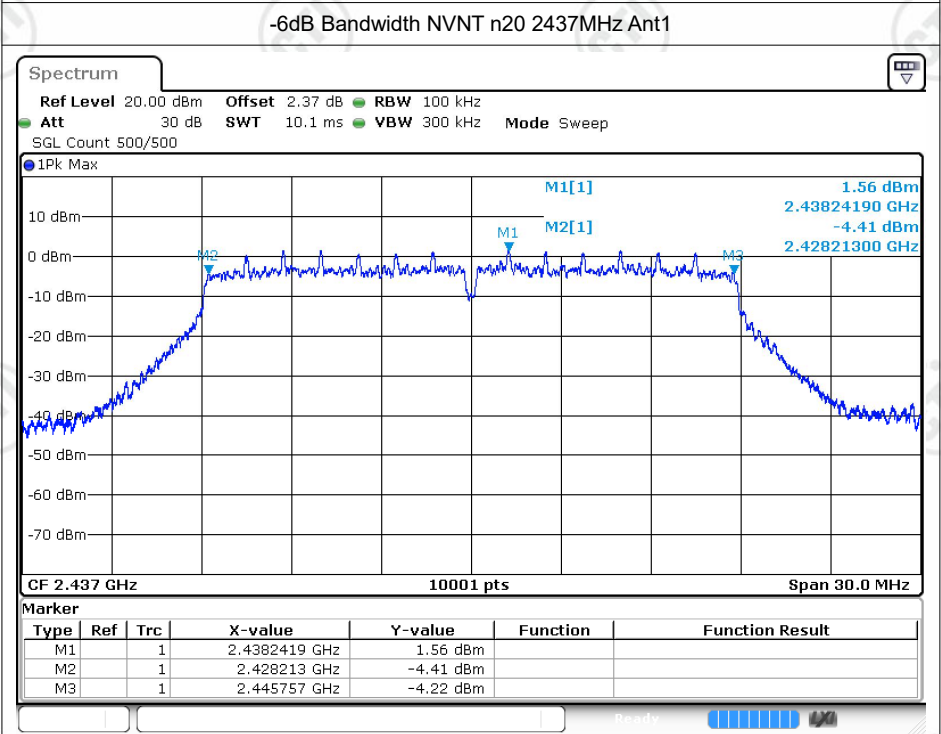
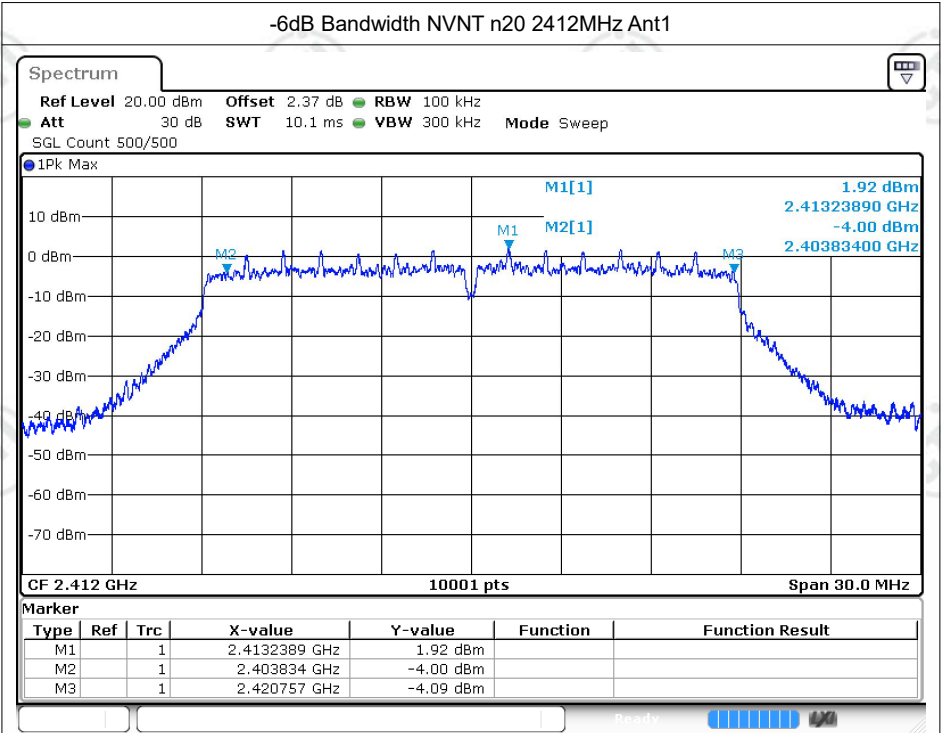
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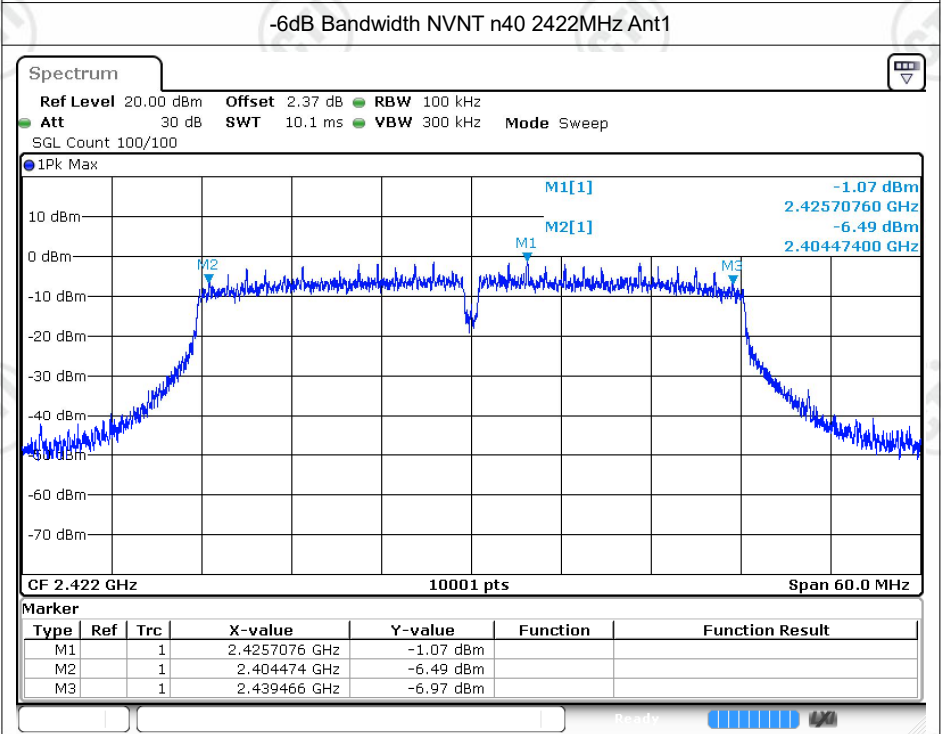
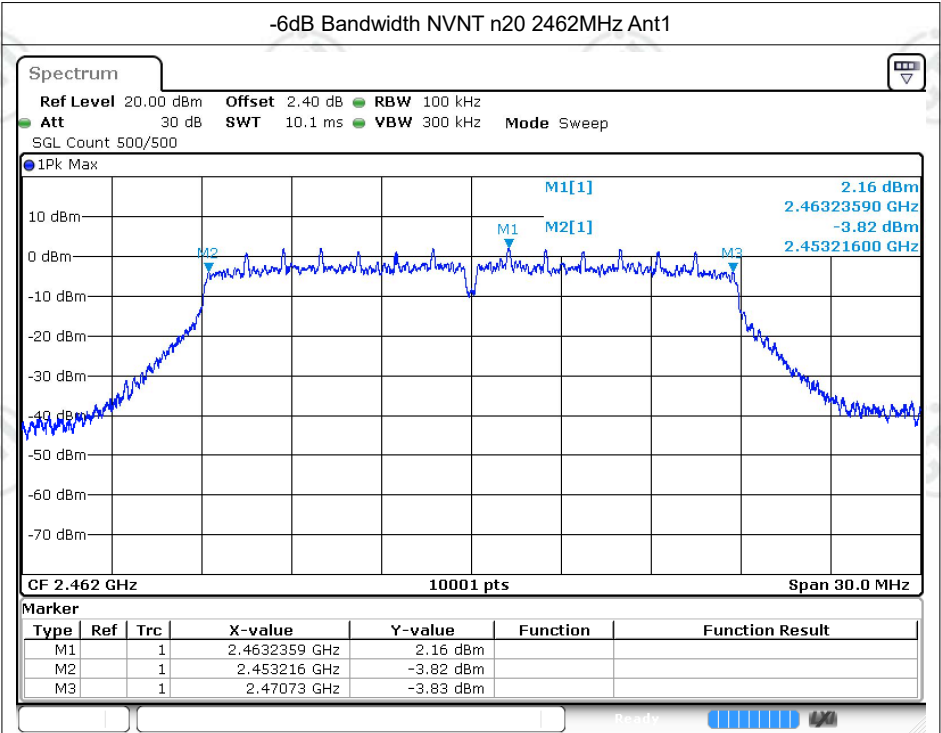


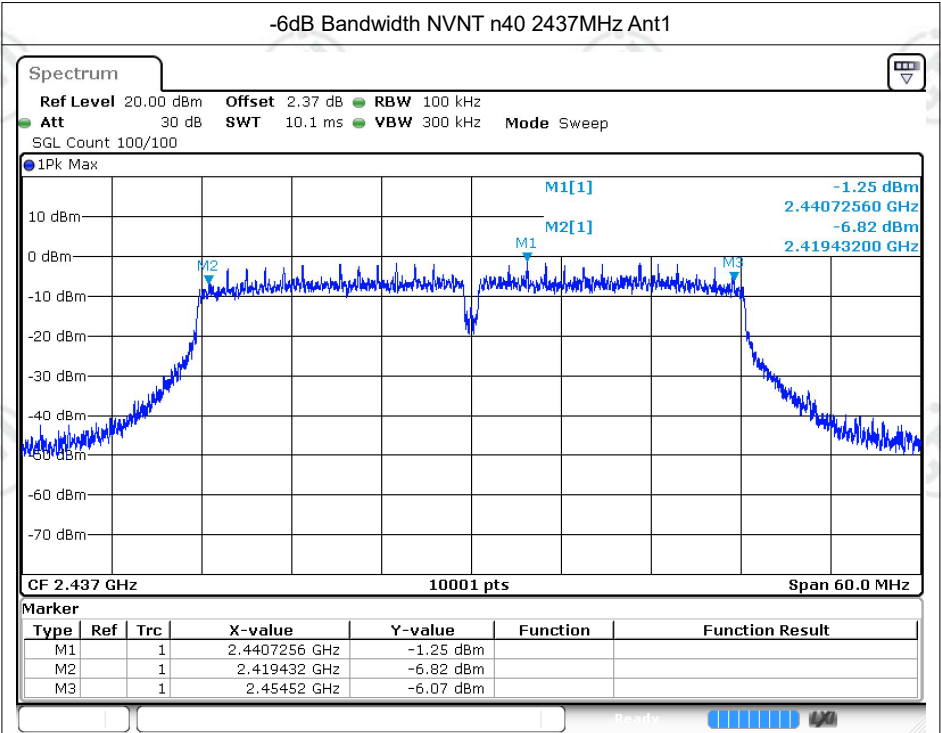
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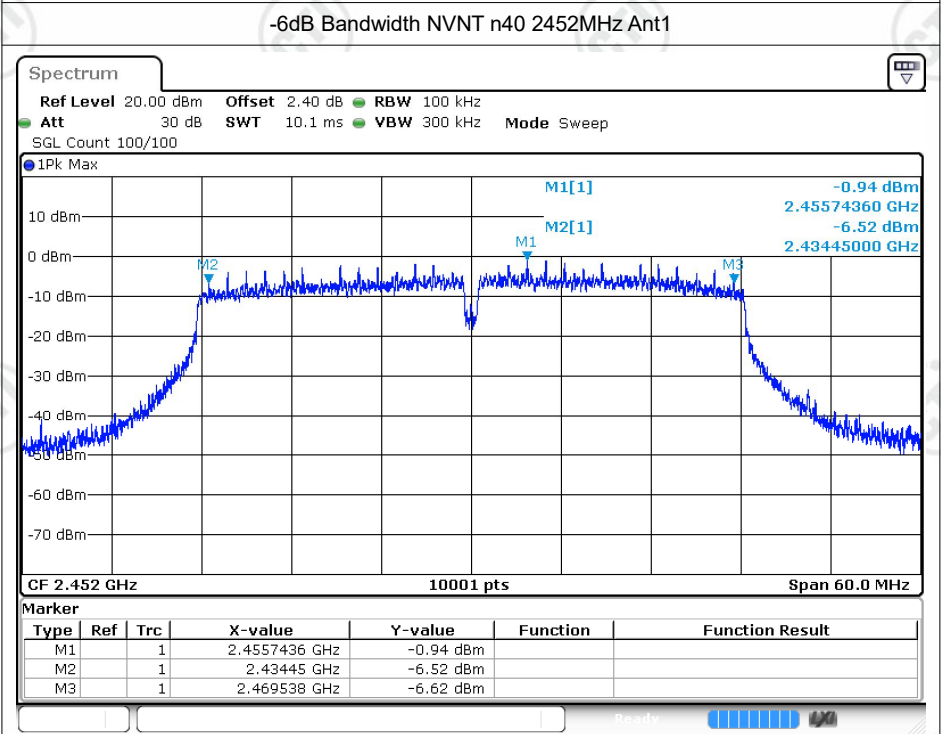








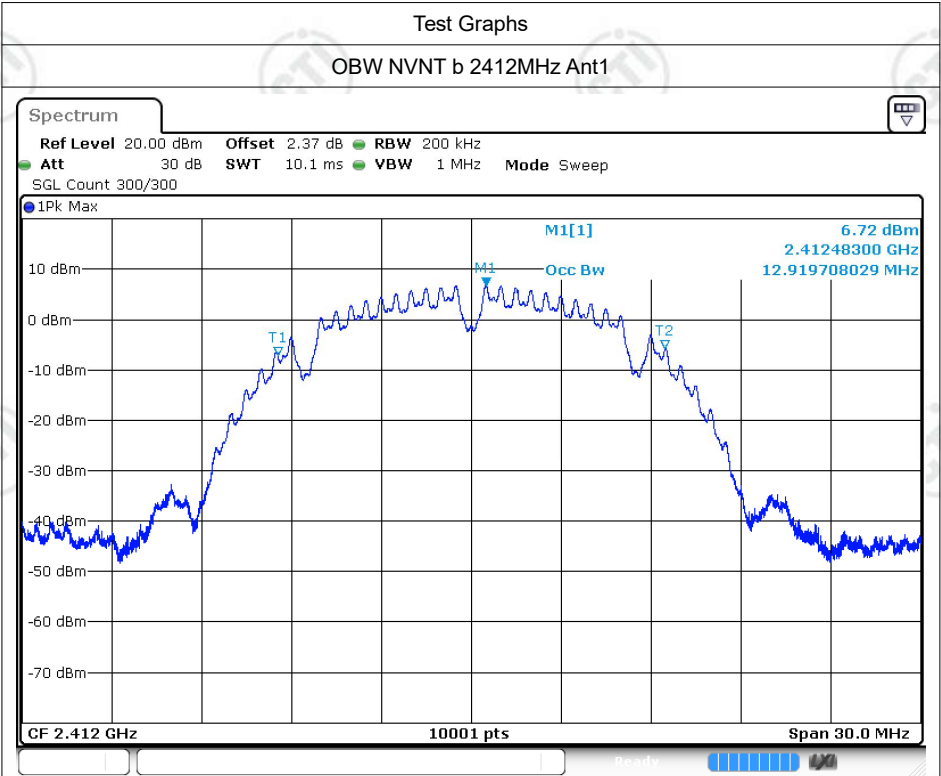
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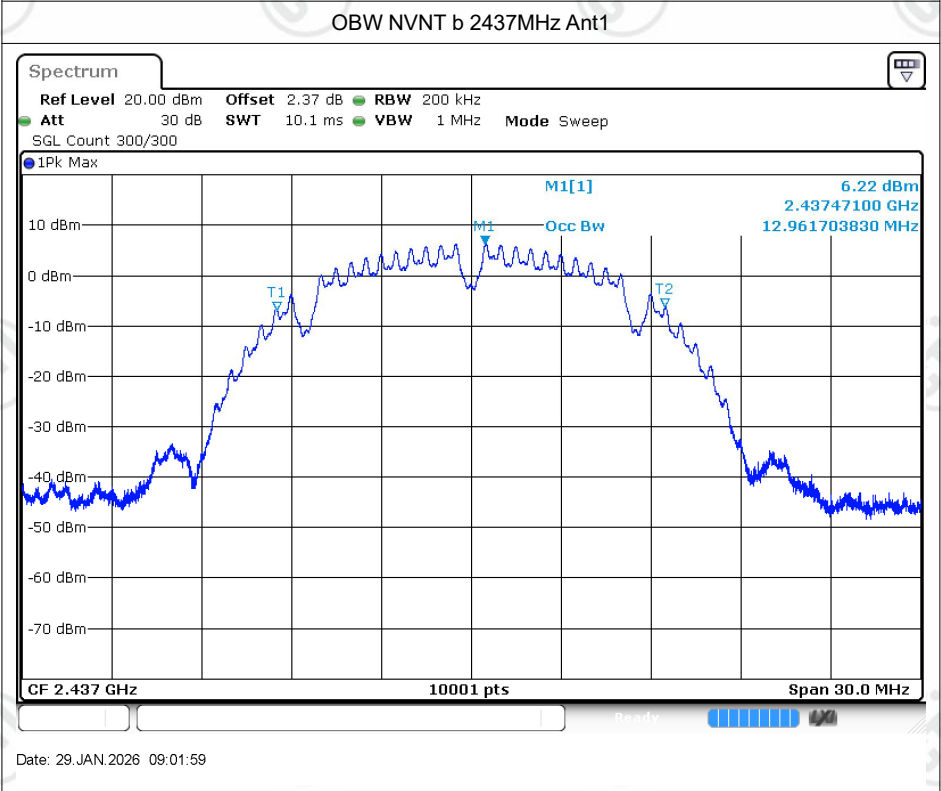
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Occupied Channel Bandwidth

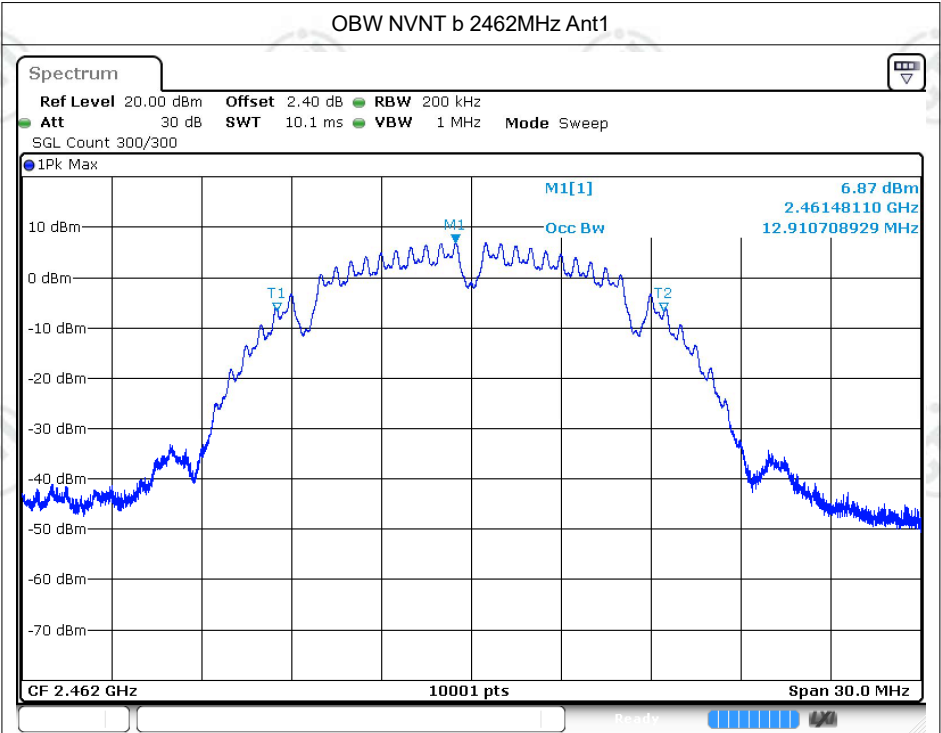
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.92
NVNT	b	2437	Ant1	12.962
NVNT	b	2462	Ant1	12.911
NVNT	g	2412	Ant1	16.681
NVNT	g	2437	Ant1	16.714
NVNT	g	2462	Ant1	16.66
NVNT	n20	2412	Ant1	17.782
NVNT	n20	2437	Ant1	17.812
NVNT	n20	2462	Ant1	17.761
NVNT	n40	2422	Ant1	36.17
NVNT	n40	2437	Ant1	36.272
NVNT	n40	2452	Ant1	36.146



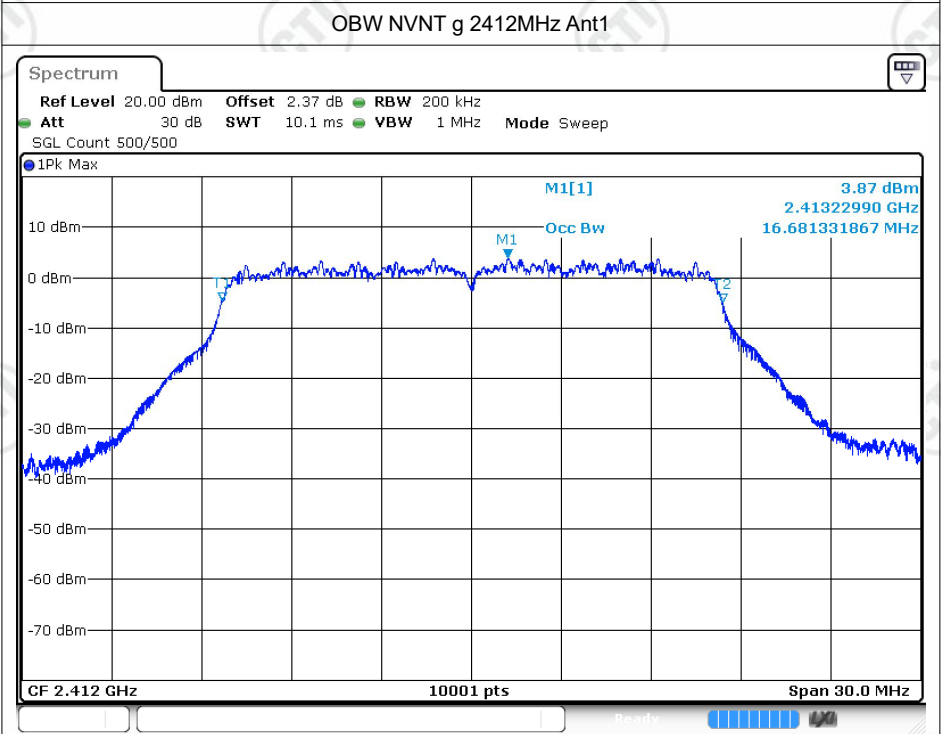
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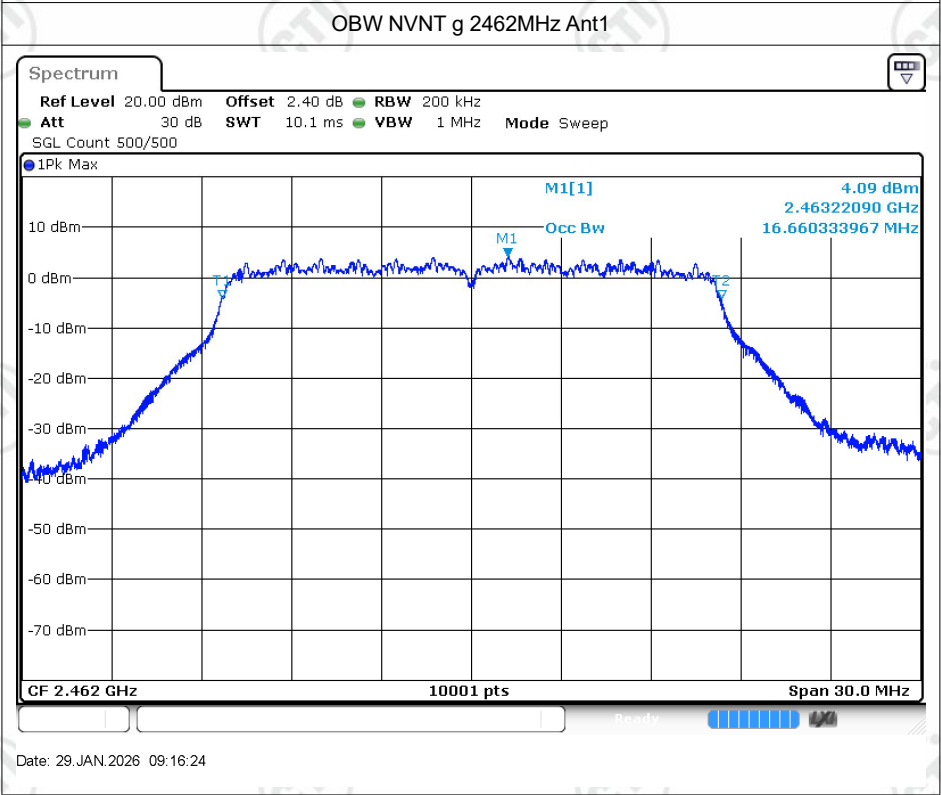
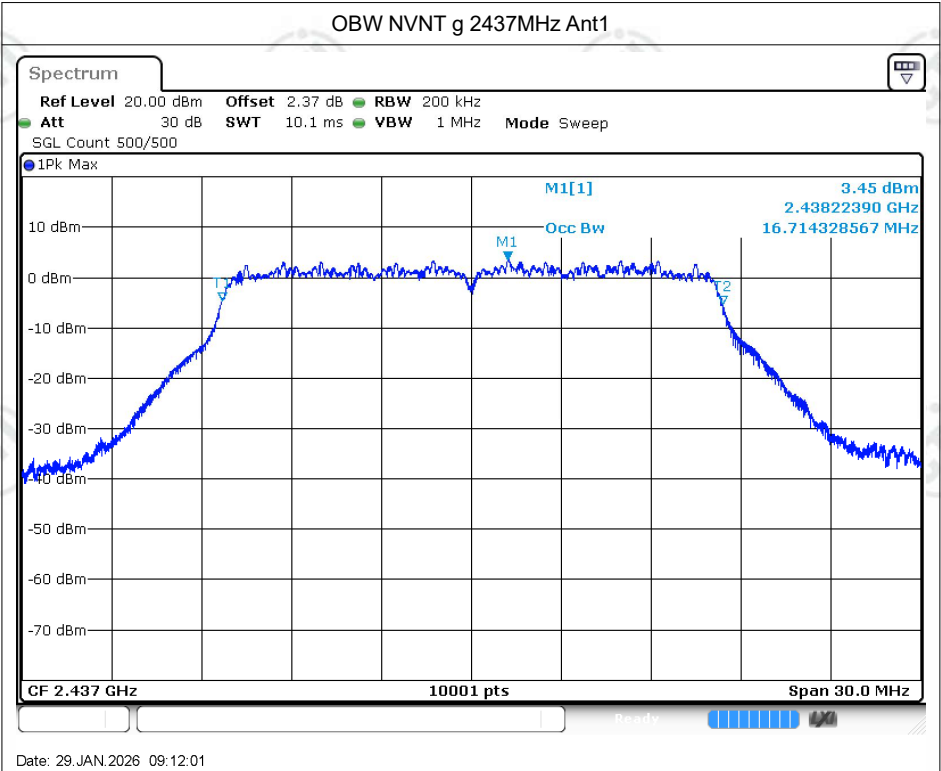
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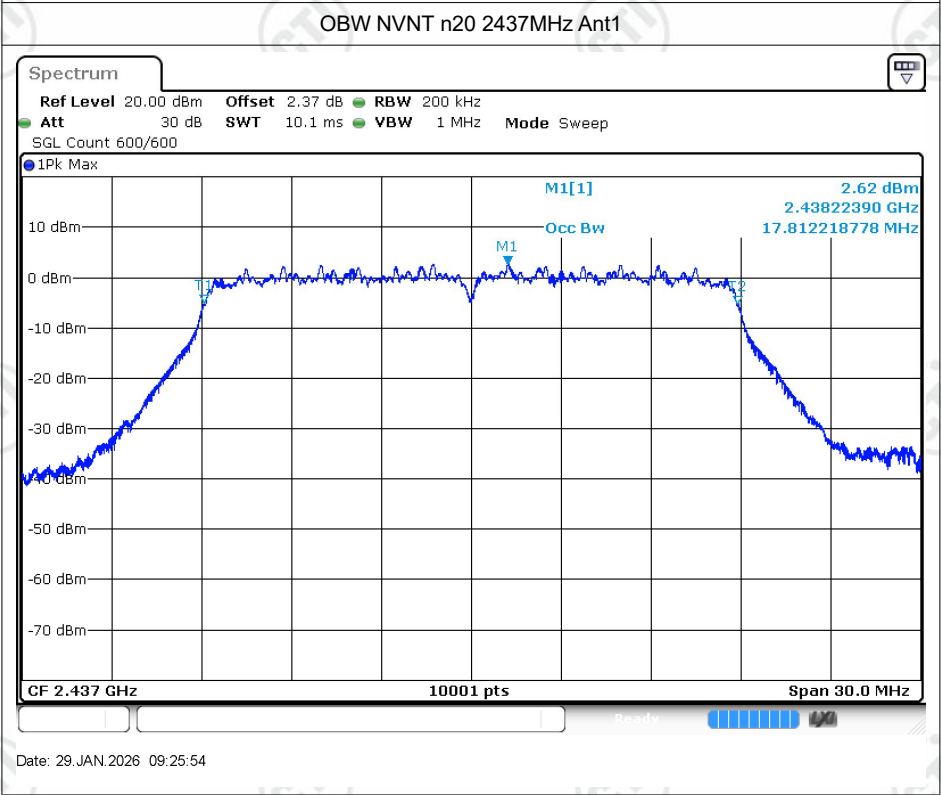
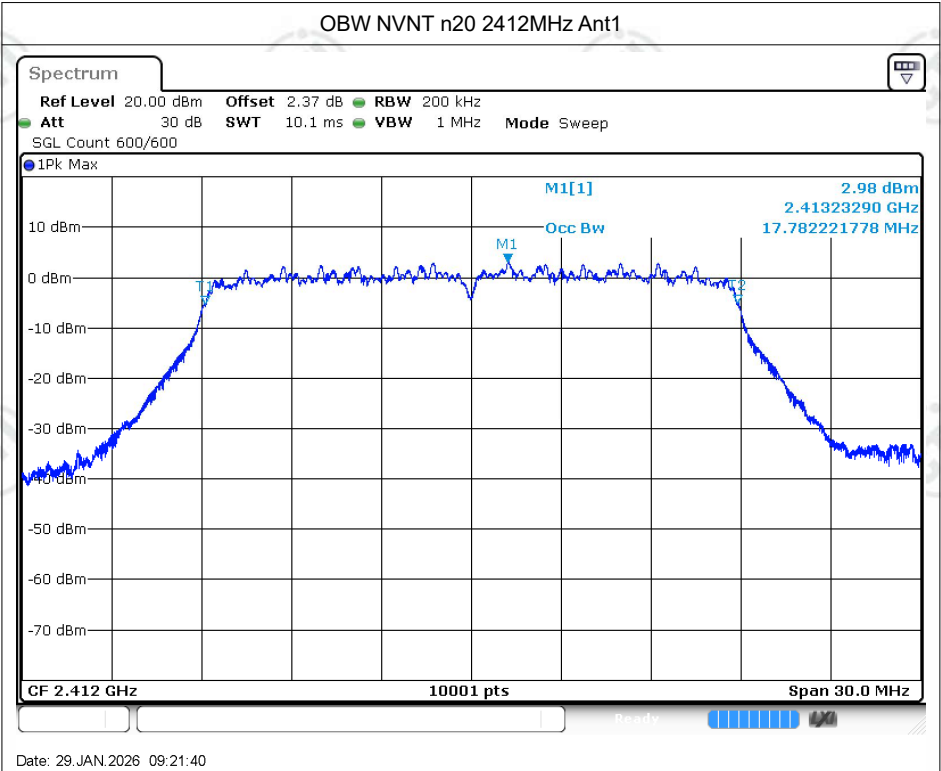


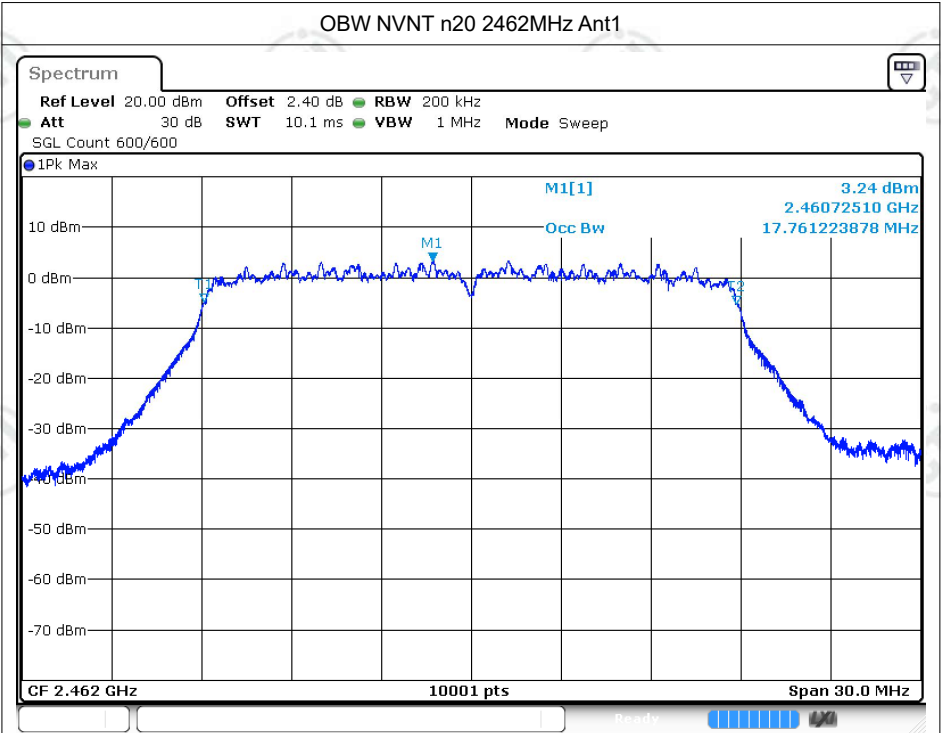
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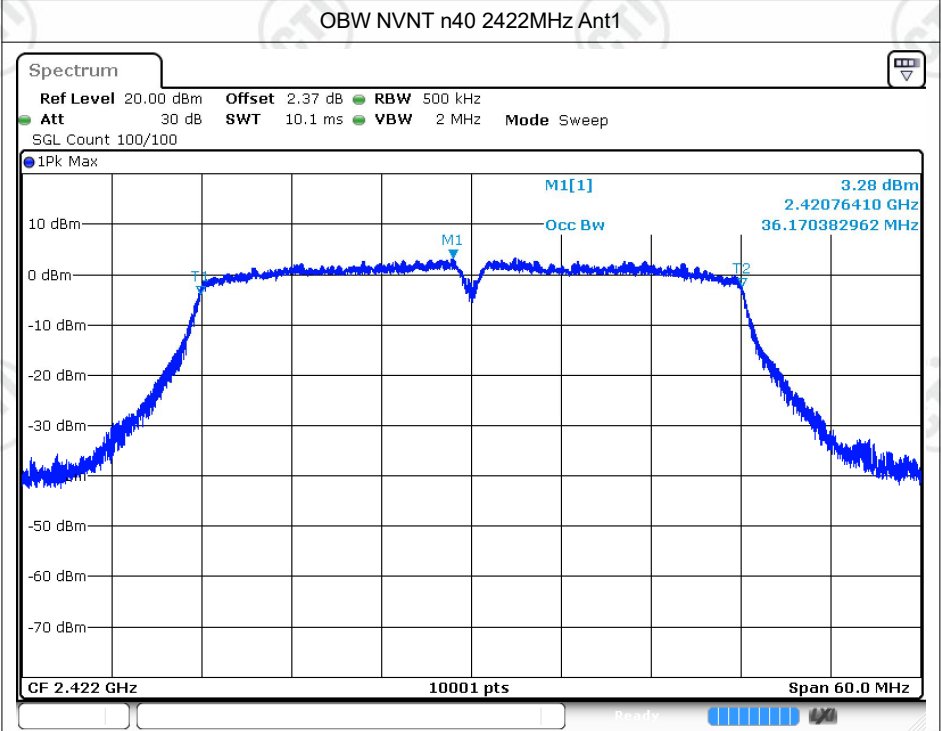
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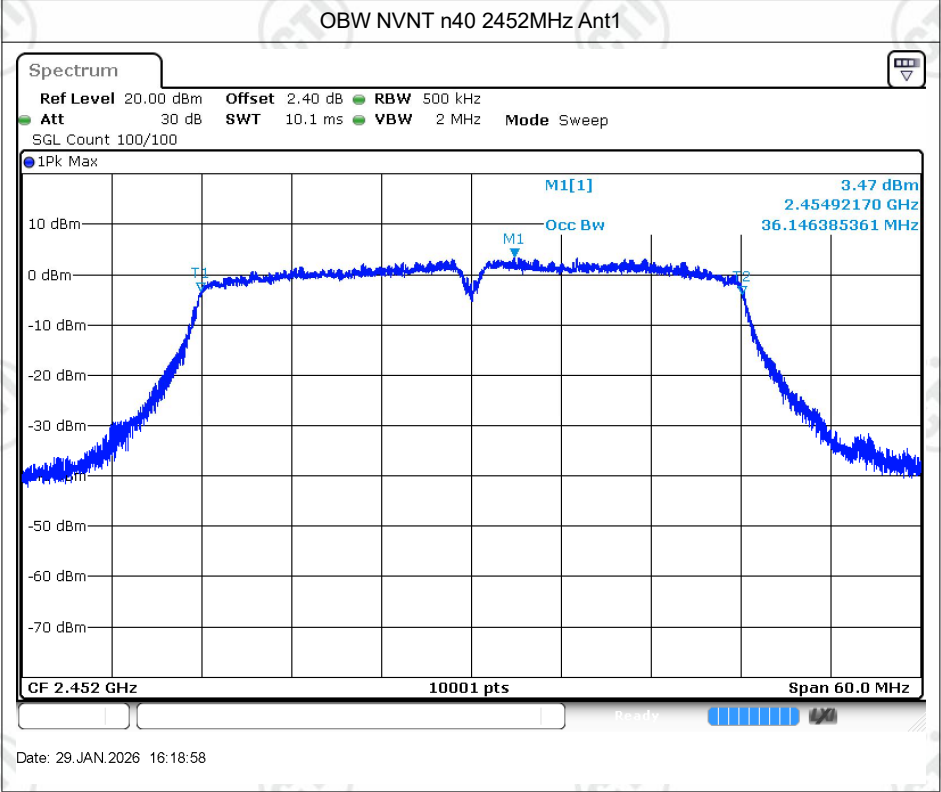
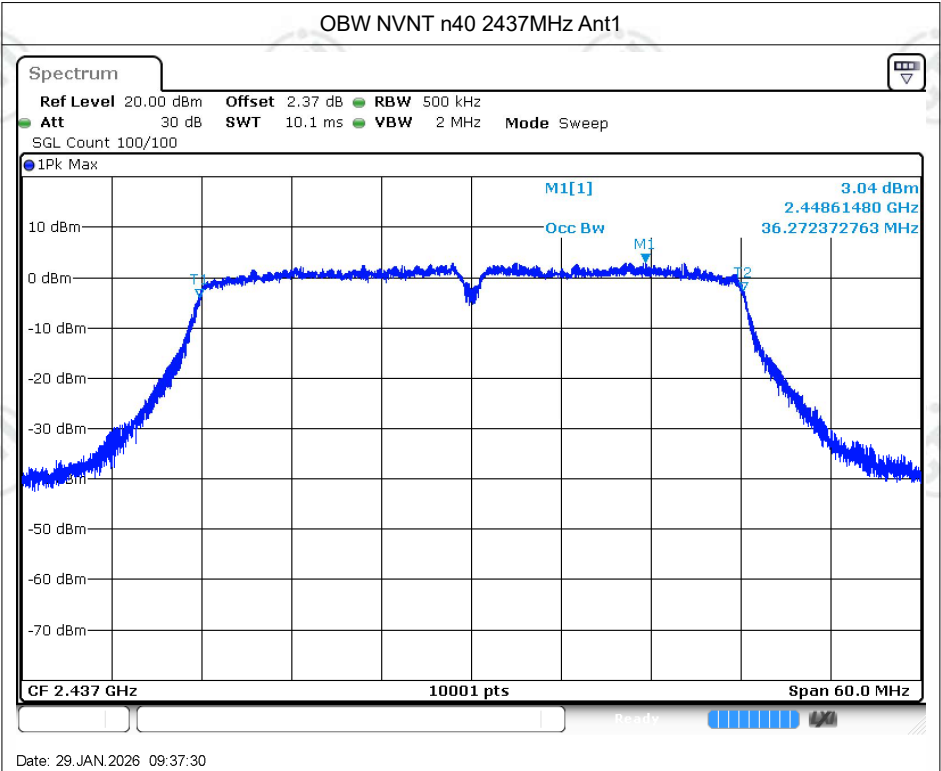




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Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-9.04	8	Pass
NVNT	b	2437	Ant1	-9.41	8	Pass
NVNT	b	2462	Ant1	-8.76	8	Pass
NVNT	g	2412	Ant1	-11.7	8	Pass
NVNT	g	2437	Ant1	-12.12	8	Pass
NVNT	g	2462	Ant1	-11.49	8	Pass
NVNT	n20	2412	Ant1	-12.32	8	Pass
NVNT	n20	2437	Ant1	-12.67	8	Pass
NVNT	n20	2462	Ant1	-12.09	8	Pass
NVNT	n40	2422	Ant1	-13.91	8	Pass
NVNT	n40	2437	Ant1	-14.39	8	Pass
NVNT	n40	2452	Ant1	-13.79	8	Pass