

Appendix: 2.4G Wi-Fi

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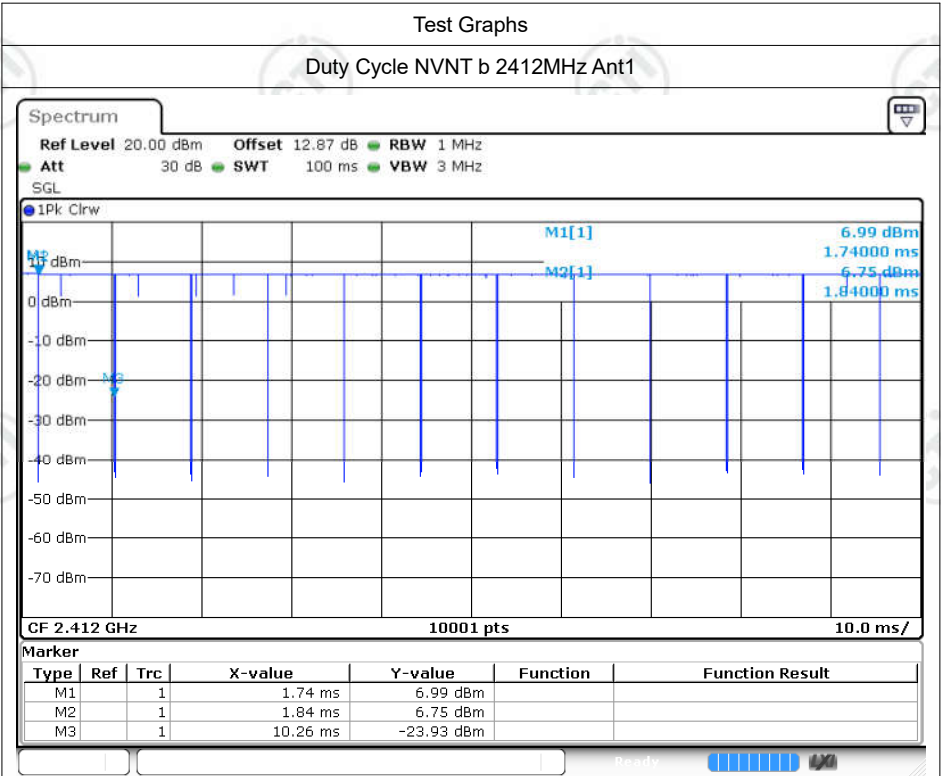
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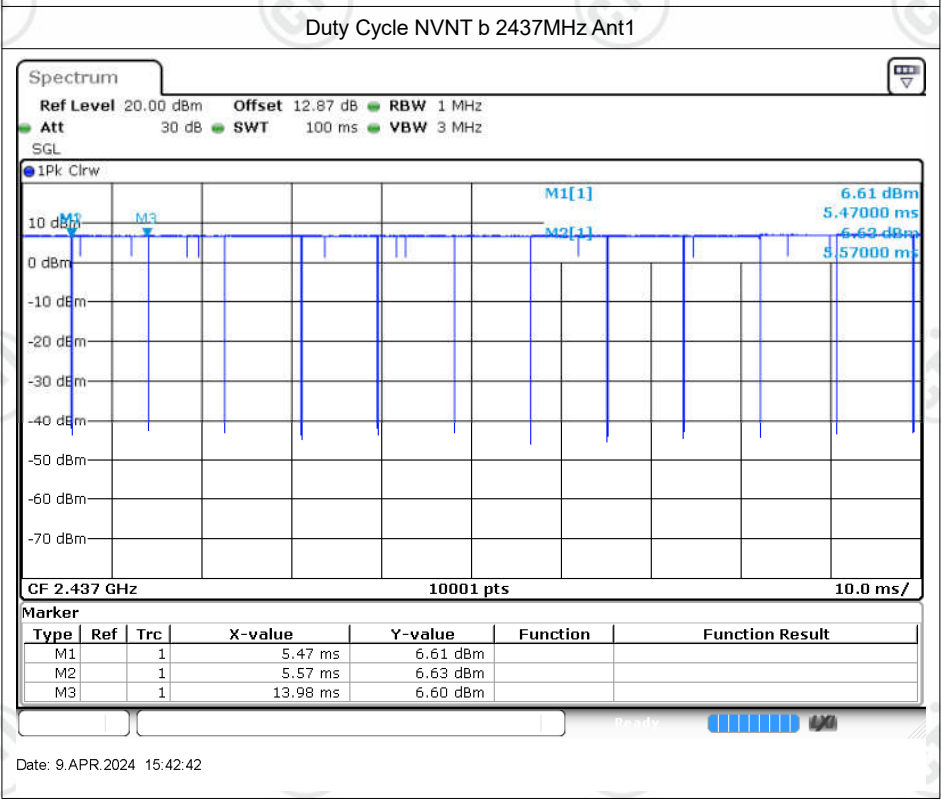
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Duty Cycle

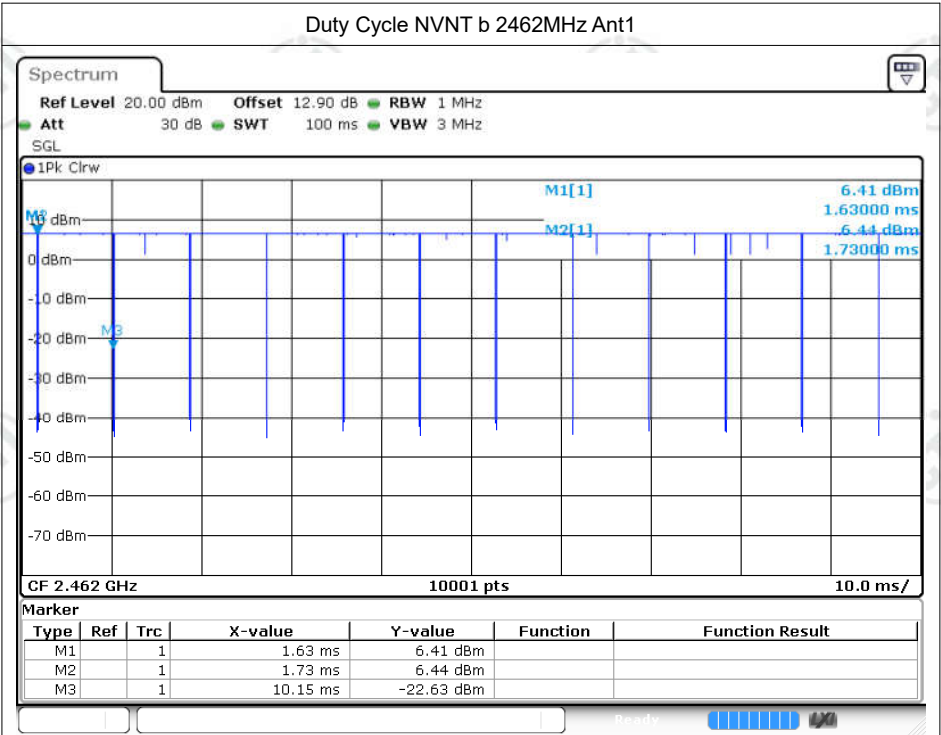
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.83	0	0.12
NVNT	b	2437	Ant1	98.82	0	0.12
NVNT	b	2462	Ant1	98.83	0	0.12
NVNT	g	2412	Ant1	93.33	0.3	0.71
NVNT	g	2437	Ant1	93.33	0.3	0.71
NVNT	g	2462	Ant1	92.67	0.33	0.72
NVNT	n20	2412	Ant1	92.91	0.32	0.76
NVNT	n20	2437	Ant1	92.55	0.34	0.77
NVNT	n20	2462	Ant1	92.91	0.32	0.76



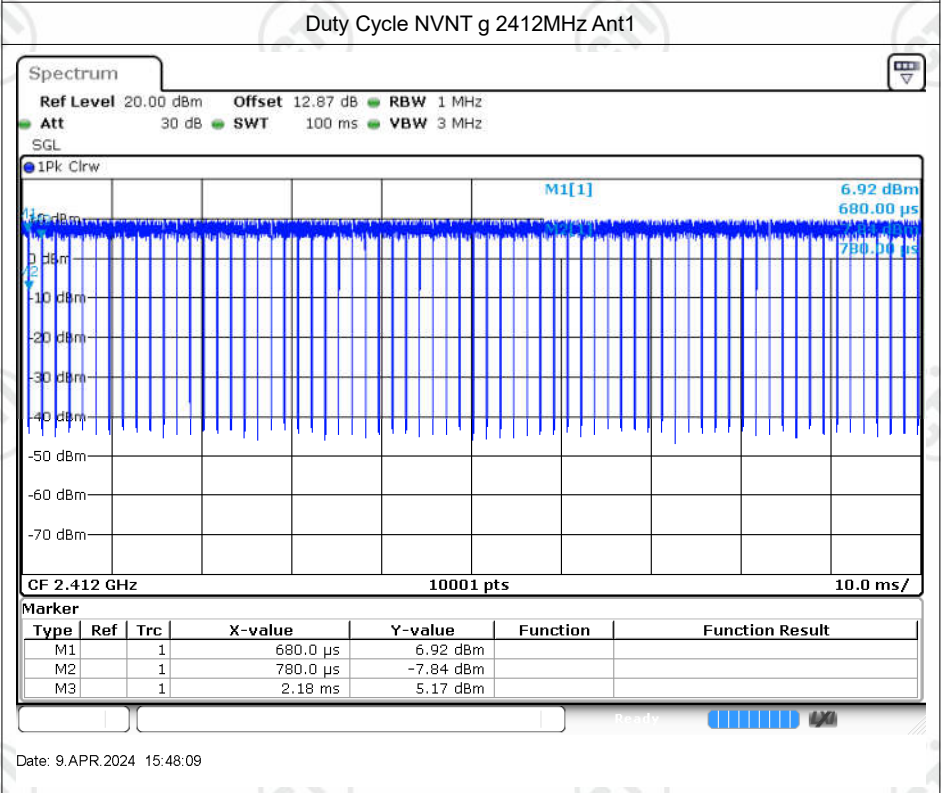
Date: 9.APR.2024 15:37:57



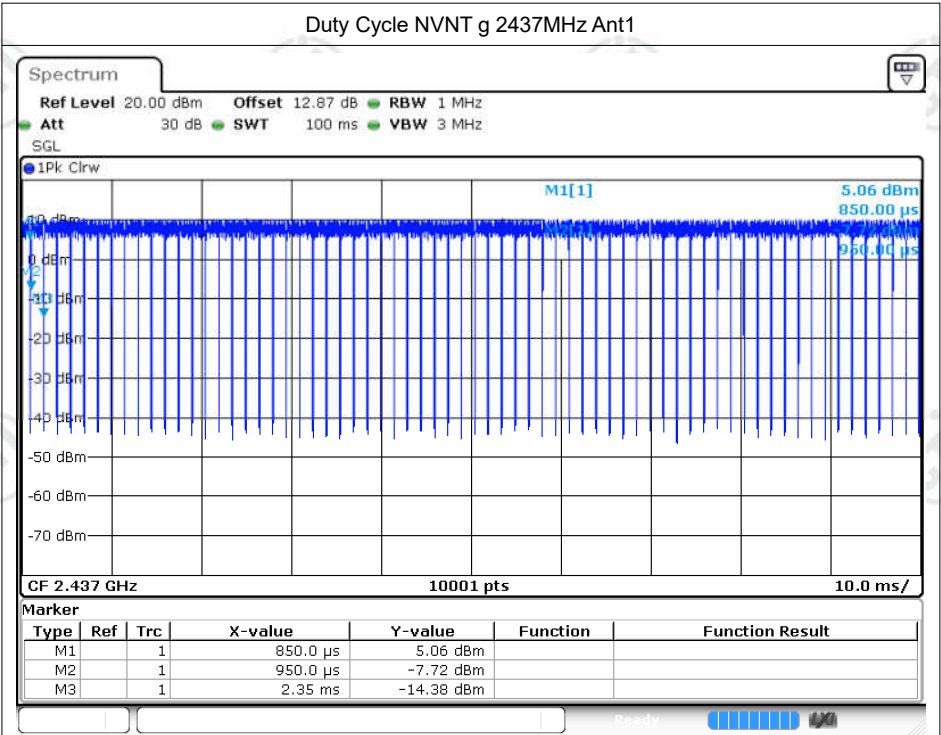
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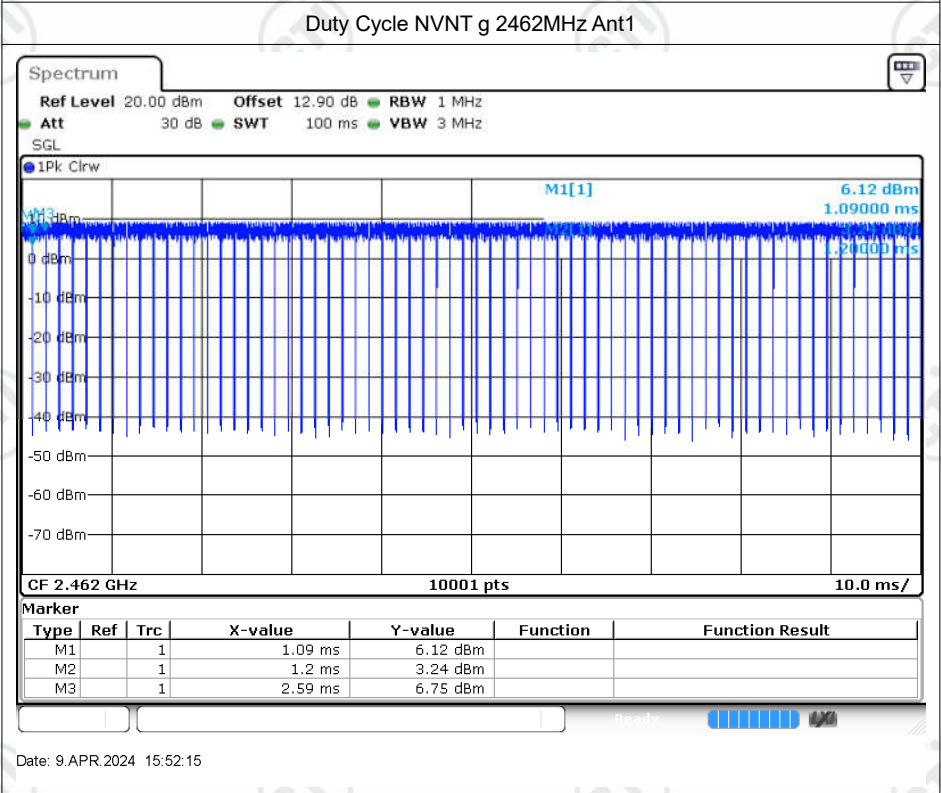
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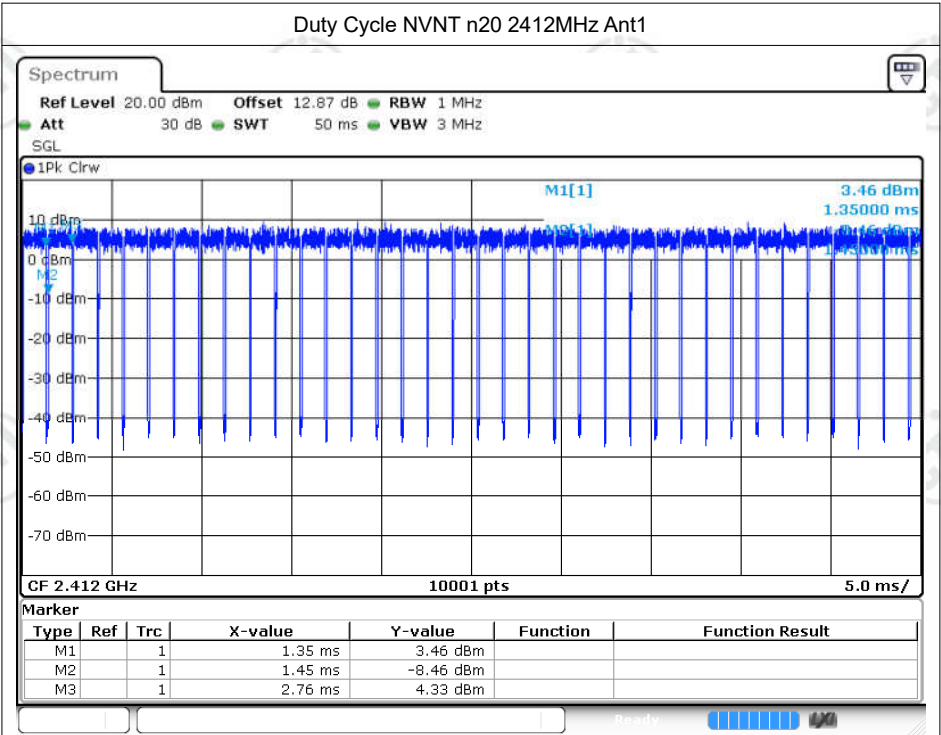
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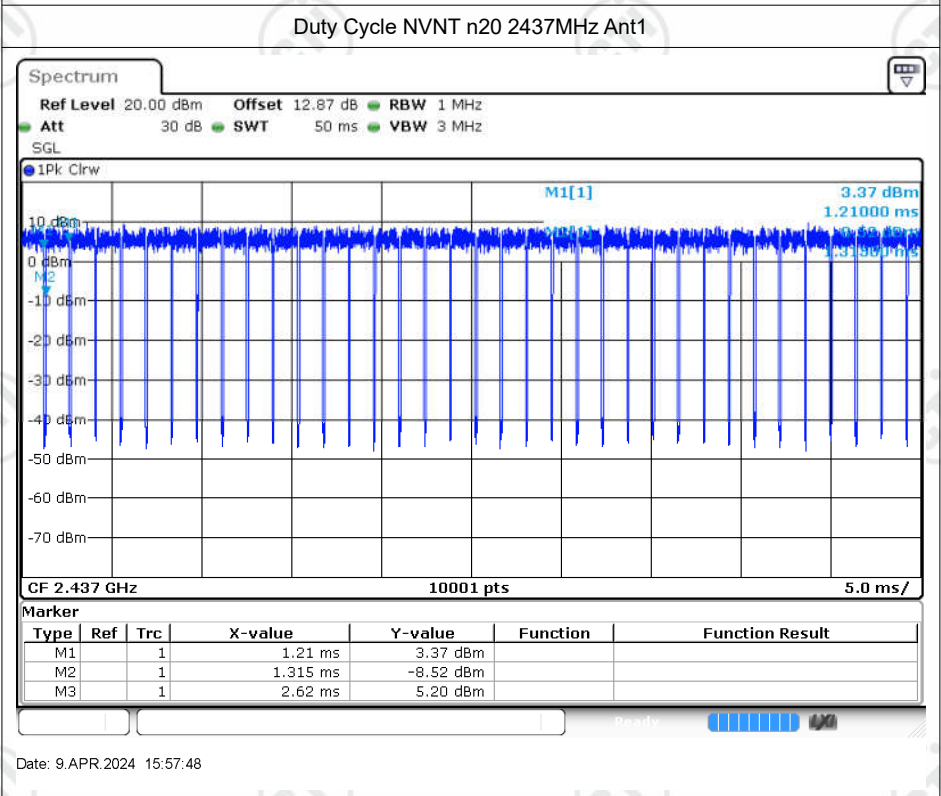
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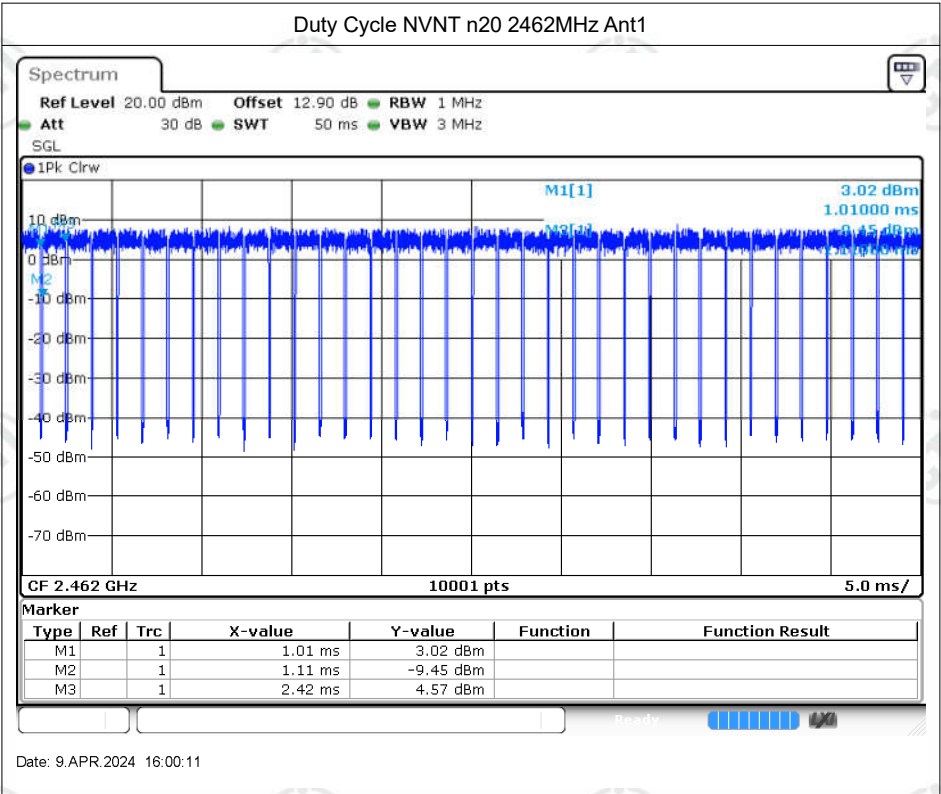
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Date: 9.APR.2024 15:55:56



Date: 9.APR.2024 15:57:48

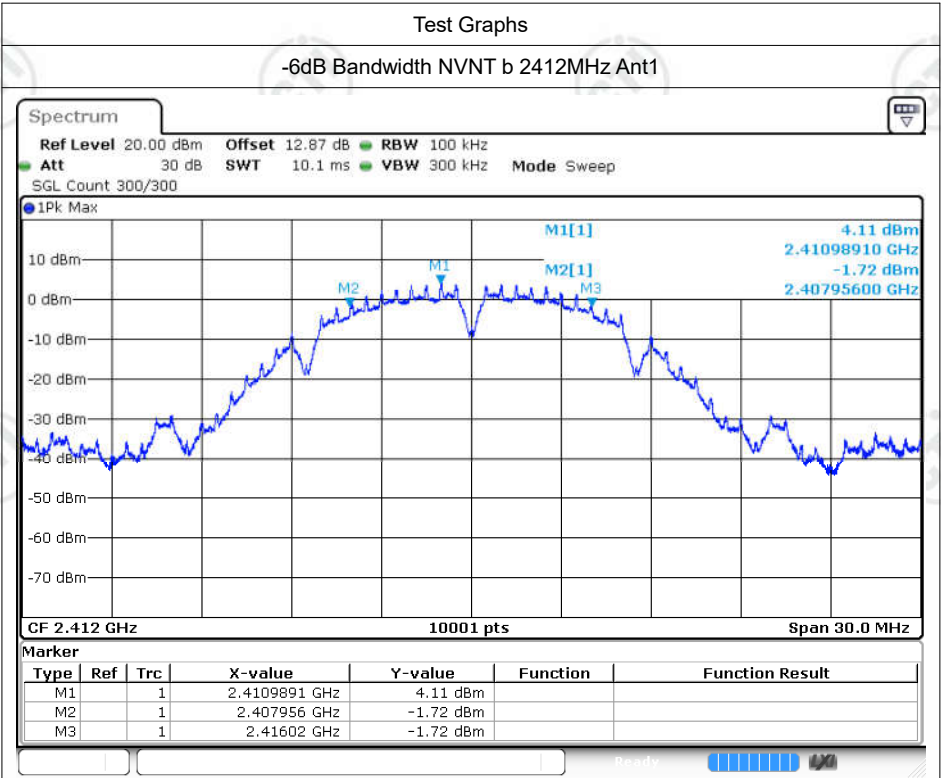


Maximum Peak Conducted Output Power

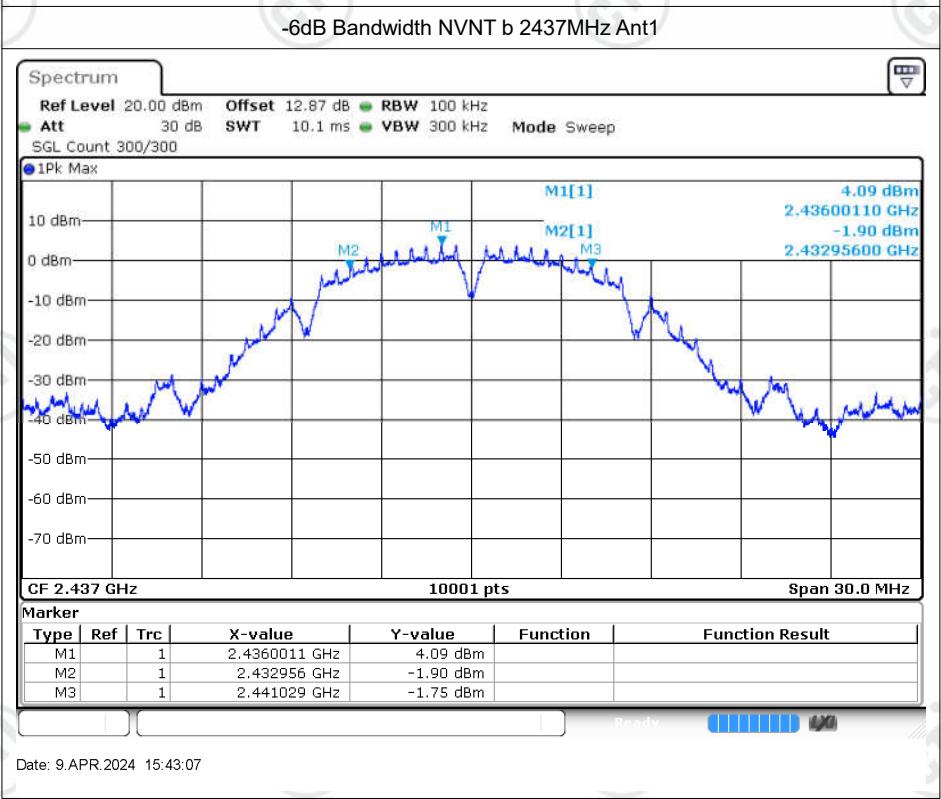
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	14.24	30	Pass
NVNT	b	2437	Ant1	13.91	30	Pass
NVNT	b	2462	Ant1	13.59	30	Pass
NVNT	g	2412	Ant1	14.12	30	Pass
NVNT	g	2437	Ant1	13.9	30	Pass
NVNT	g	2462	Ant1	13.48	30	Pass
NVNT	n20	2412	Ant1	12.65	30	Pass
NVNT	n20	2437	Ant1	12.51	30	Pass
NVNT	n20	2462	Ant1	12.02	30	Pass

-6dB Bandwidth

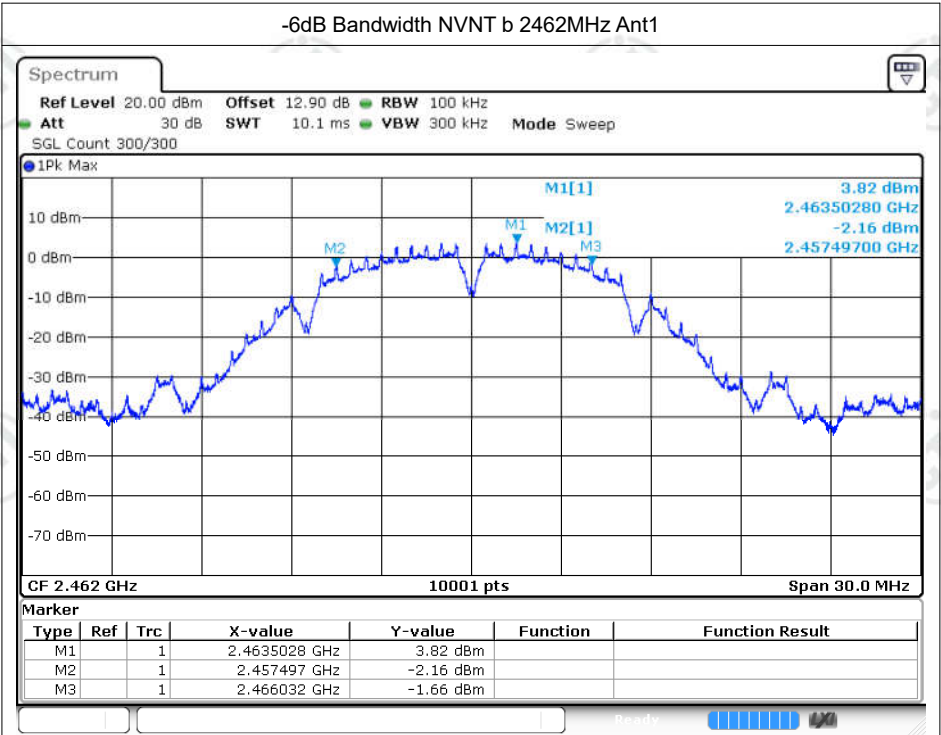
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.064	0.5	Pass
NVNT	b	2437	Ant1	8.073	0.5	Pass
NVNT	b	2462	Ant1	8.535	0.5	Pass
NVNT	g	2412	Ant1	16.272	0.5	Pass
NVNT	g	2437	Ant1	15.147	0.5	Pass
NVNT	g	2462	Ant1	16.014	0.5	Pass
NVNT	n20	2412	Ant1	16.872	0.5	Pass
NVNT	n20	2437	Ant1	15.177	0.5	Pass
NVNT	n20	2462	Ant1	16.515	0.5	Pass



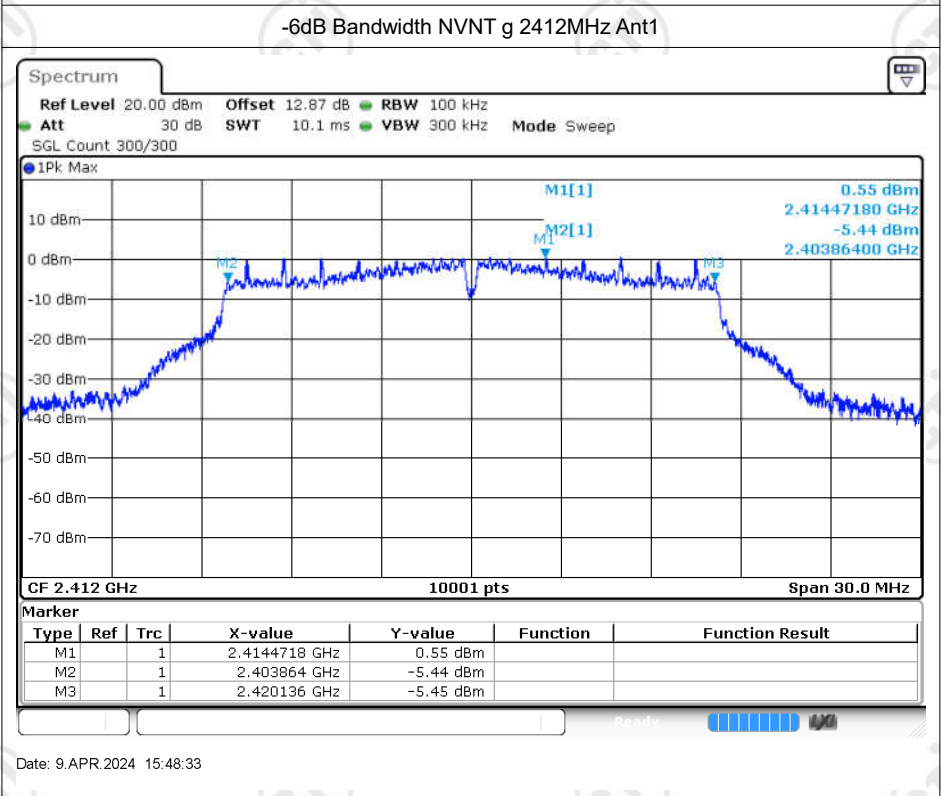
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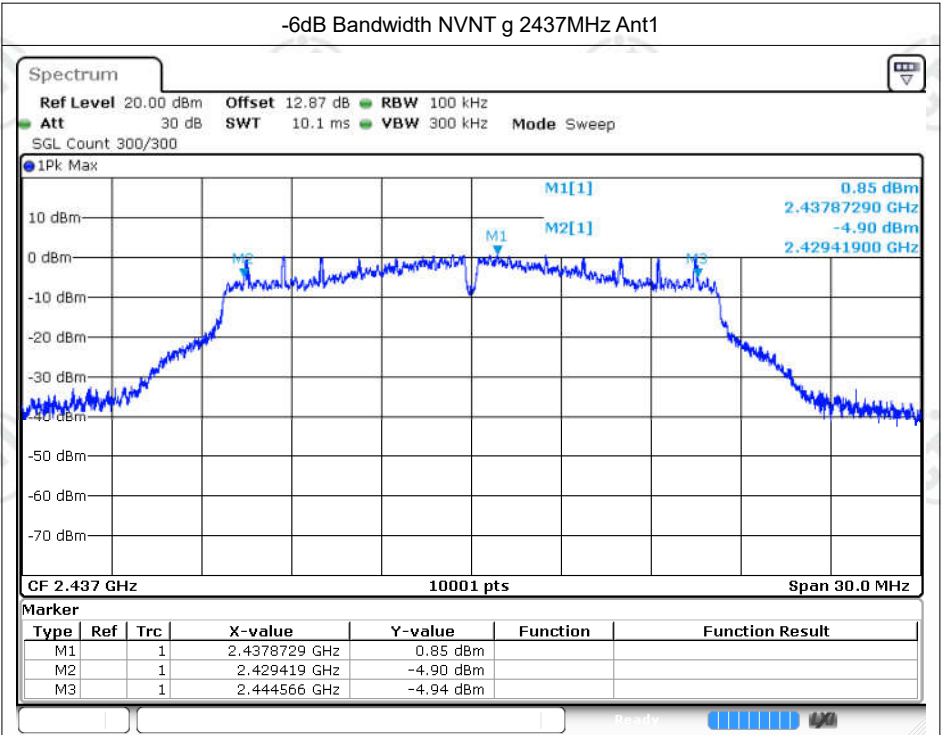
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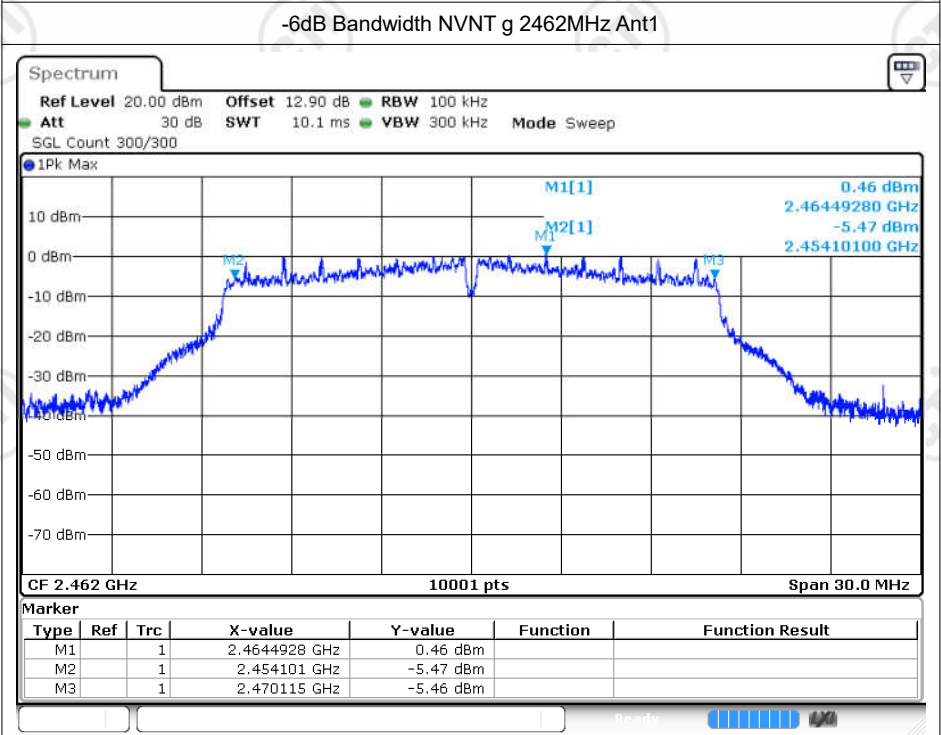
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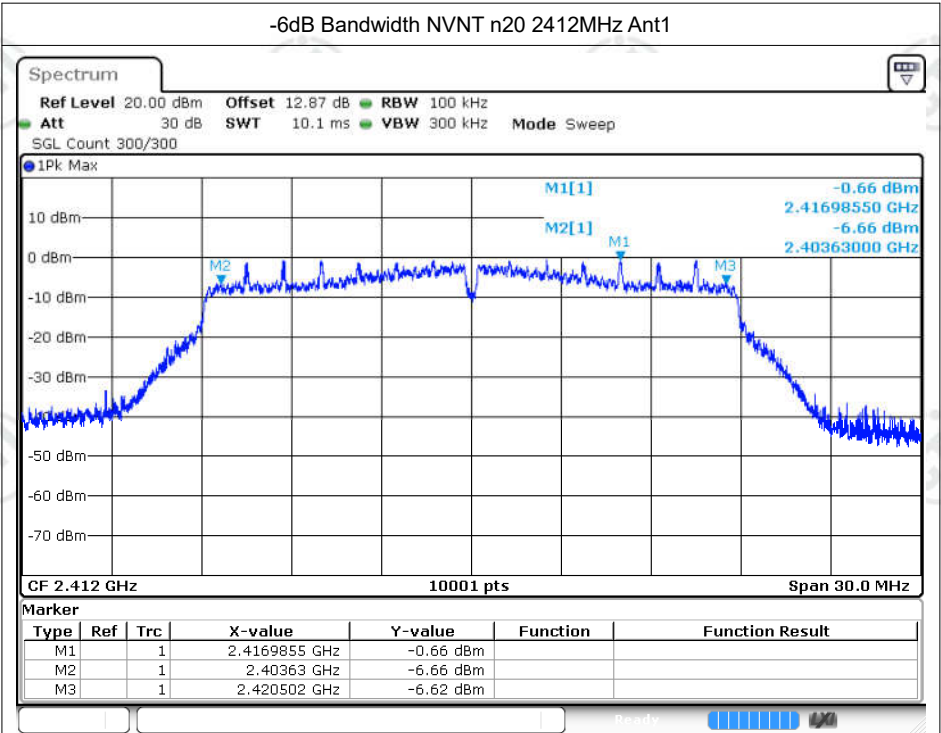
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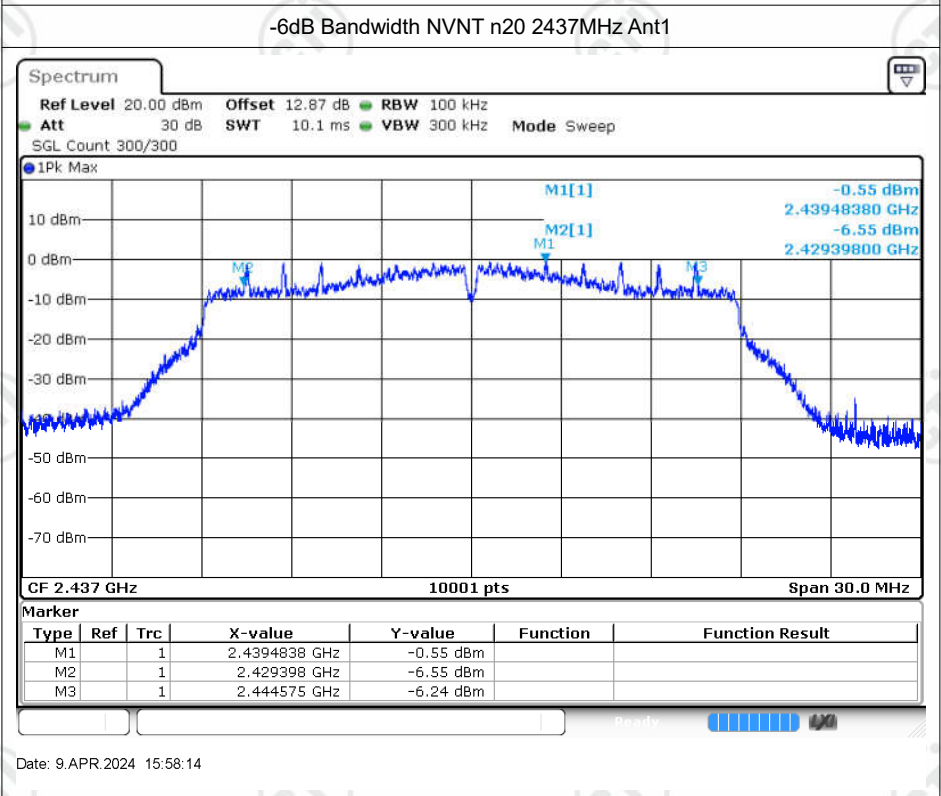
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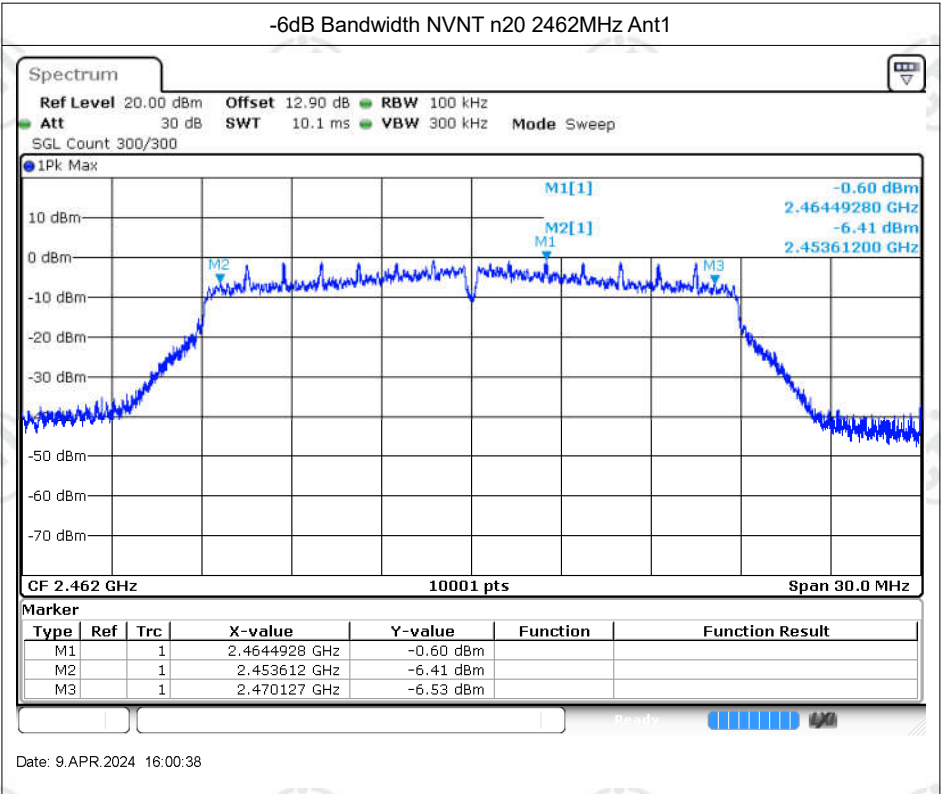
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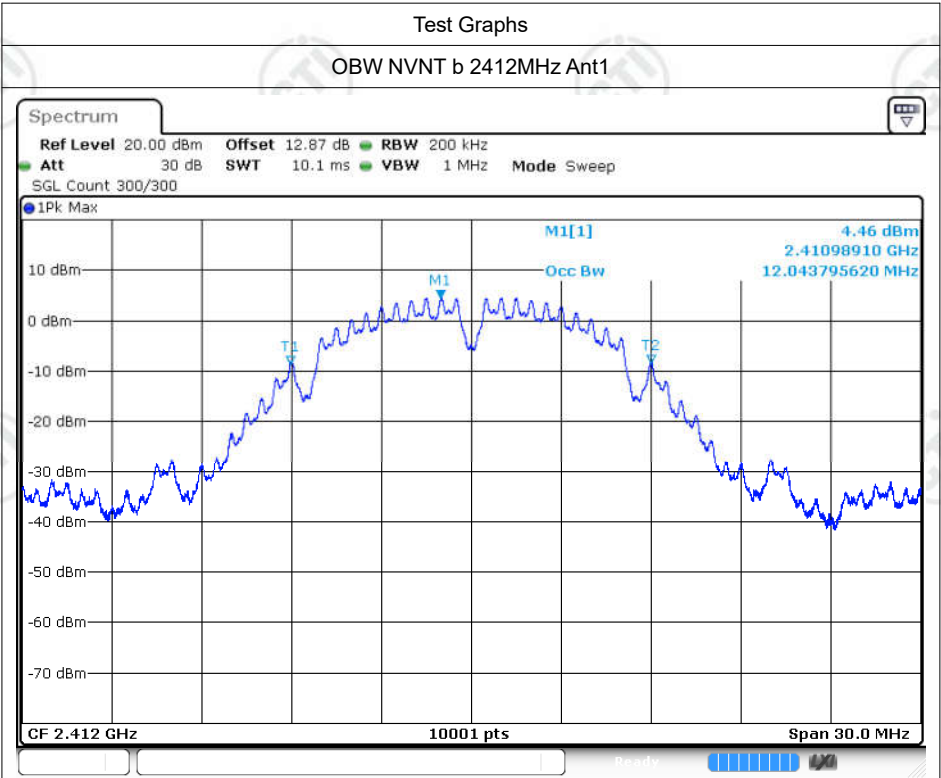


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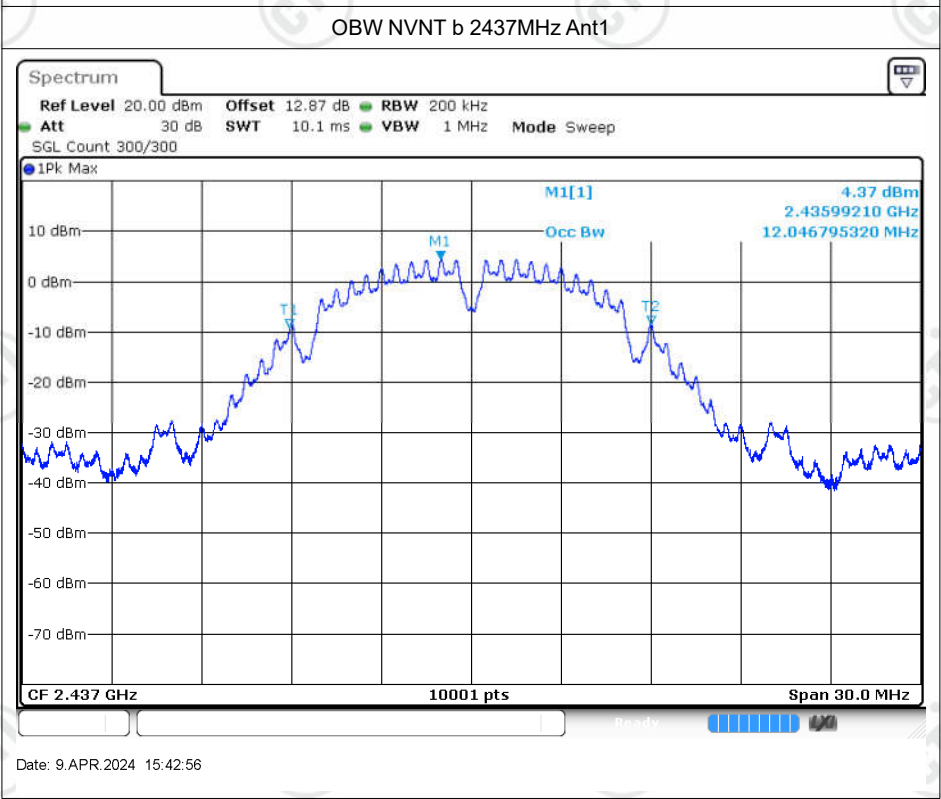


Occupied Channel Bandwidth

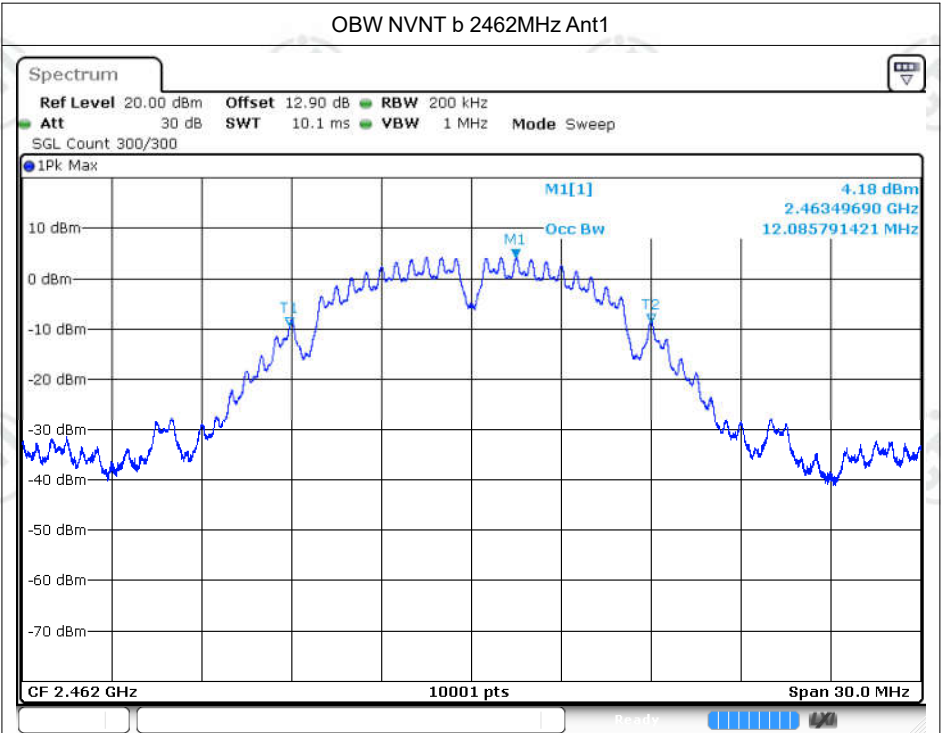
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.044
NVNT	b	2437	Ant1	12.047
NVNT	b	2462	Ant1	12.086
NVNT	g	2412	Ant1	16.525
NVNT	g	2437	Ant1	16.411
NVNT	g	2462	Ant1	16.504
NVNT	n20	2412	Ant1	17.641
NVNT	n20	2437	Ant1	17.554
NVNT	n20	2462	Ant1	17.632



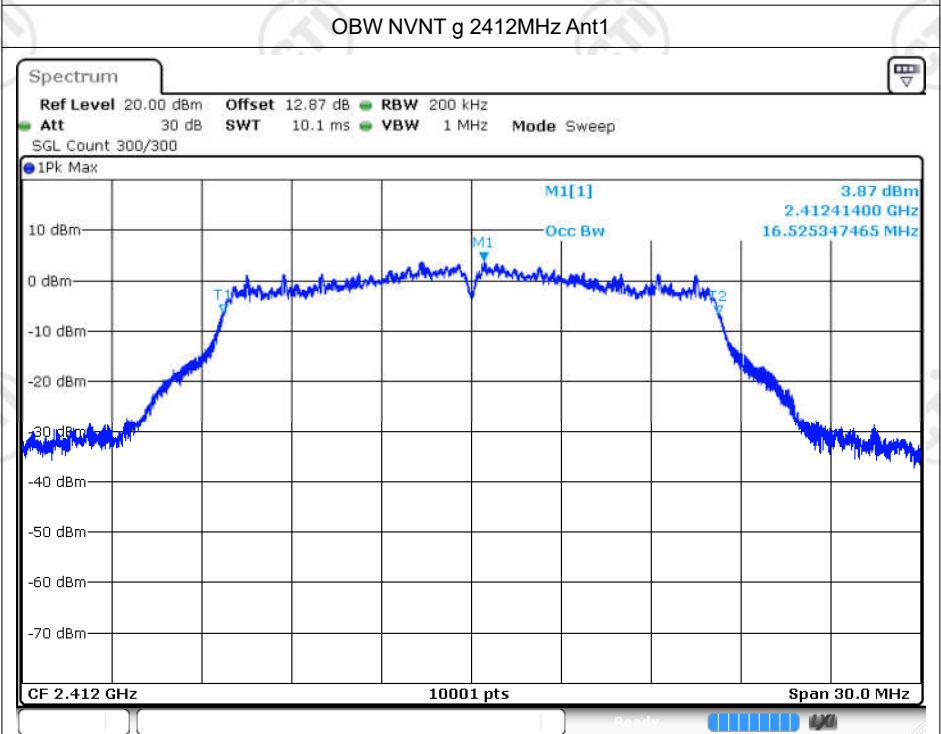
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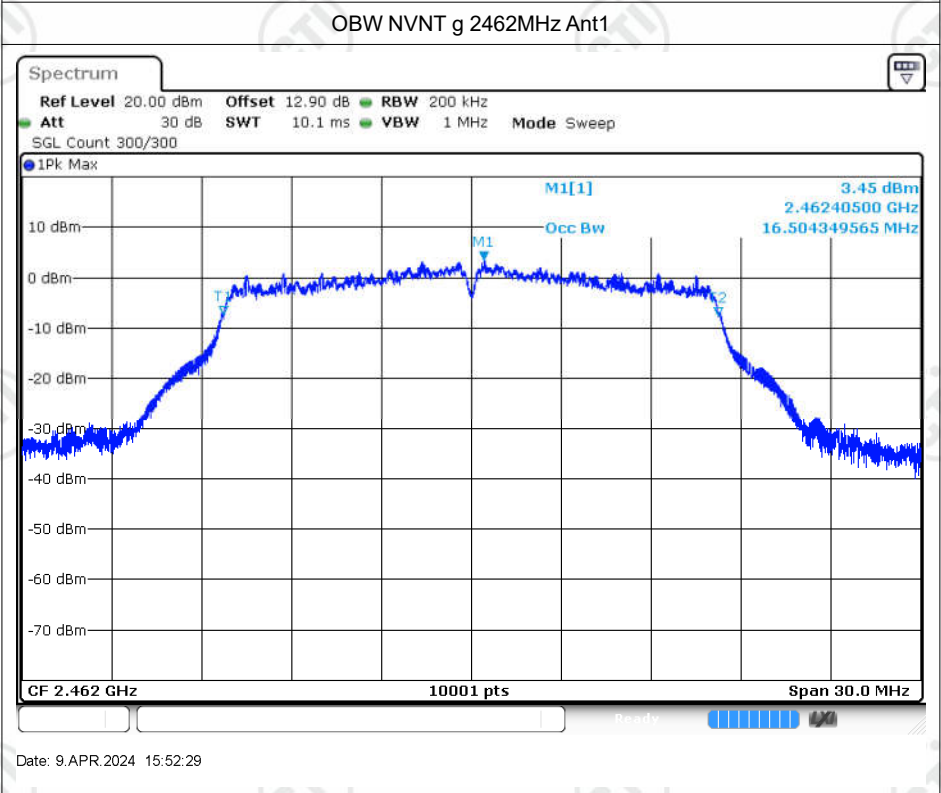
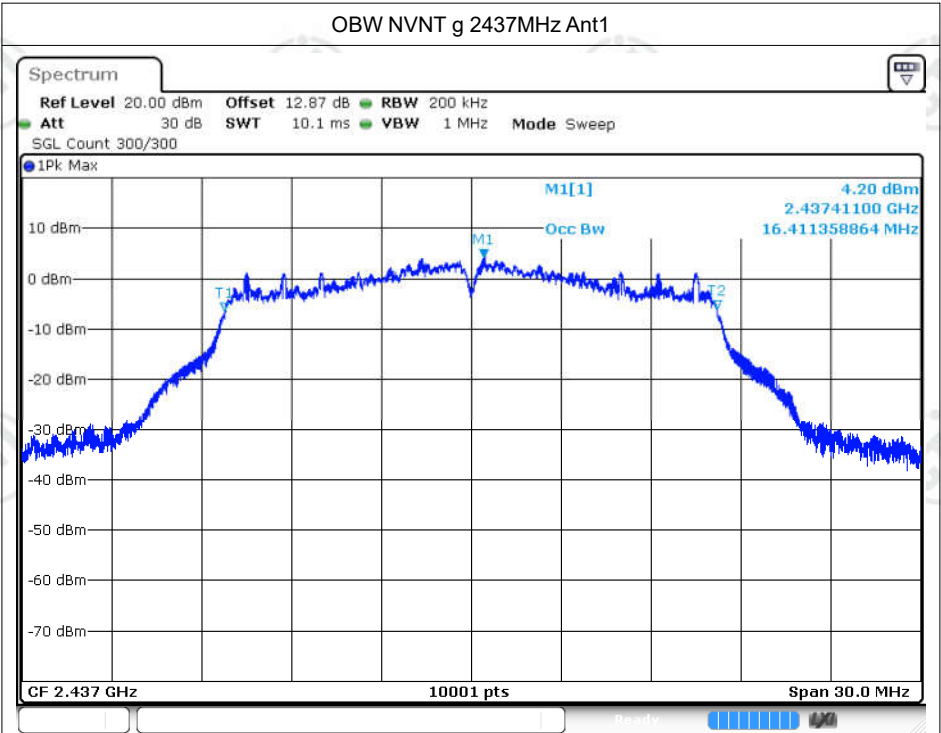
Date: 9.APR.2024 15:42:56

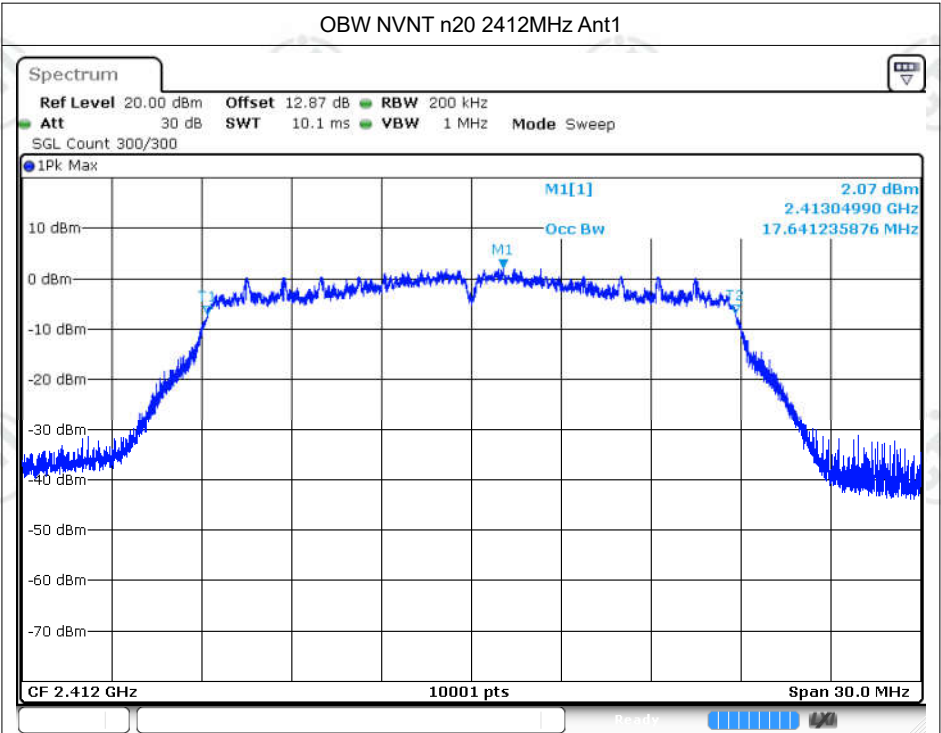


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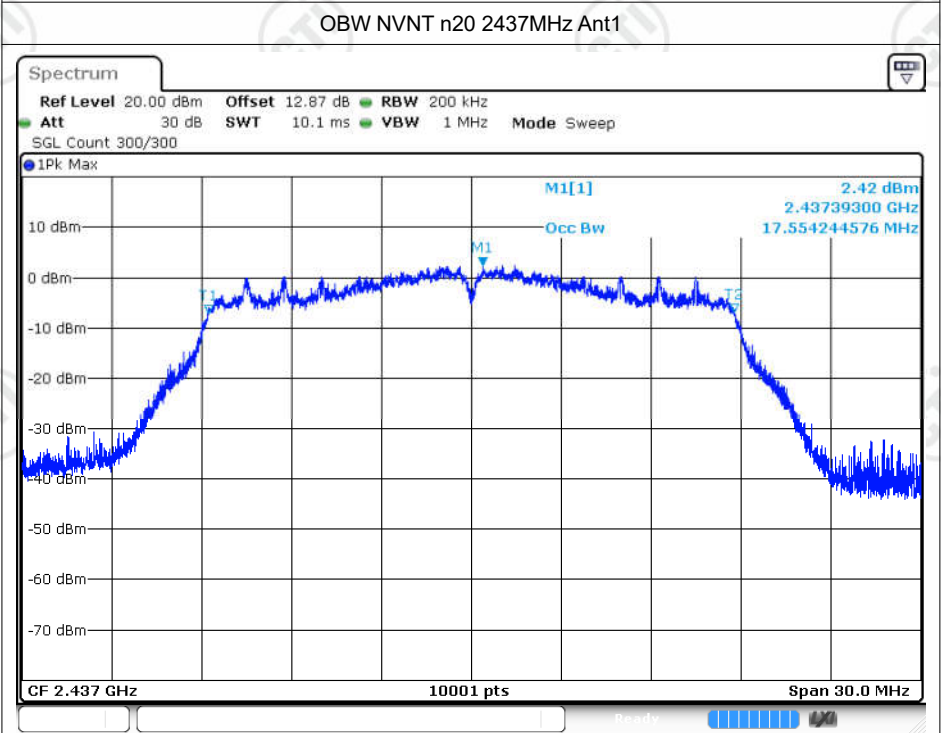


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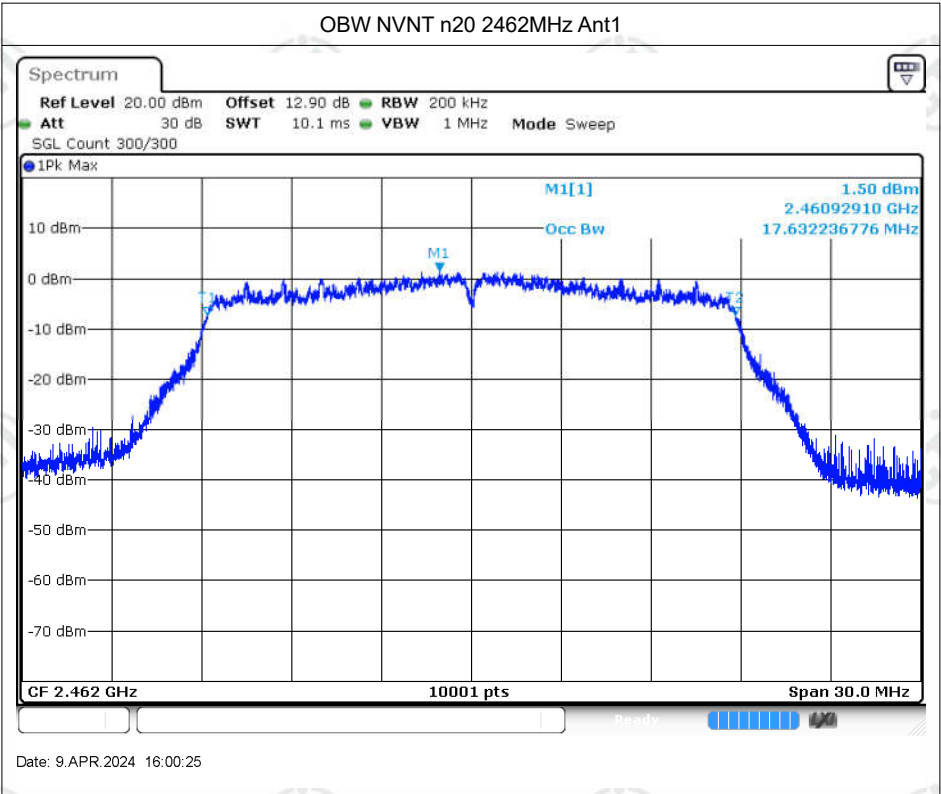




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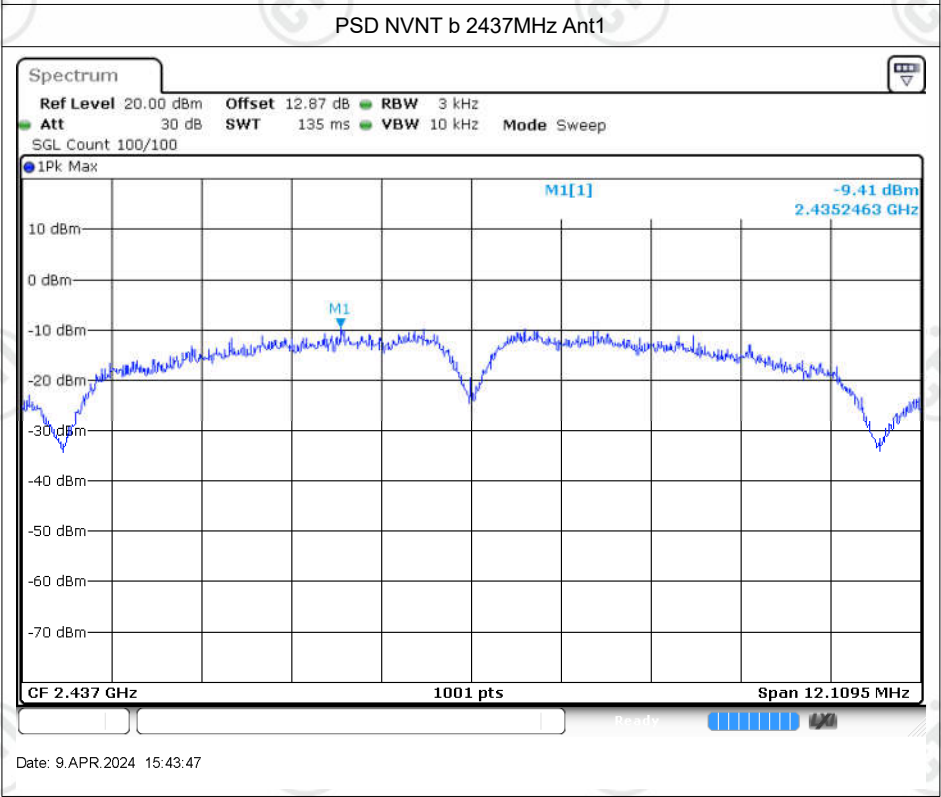
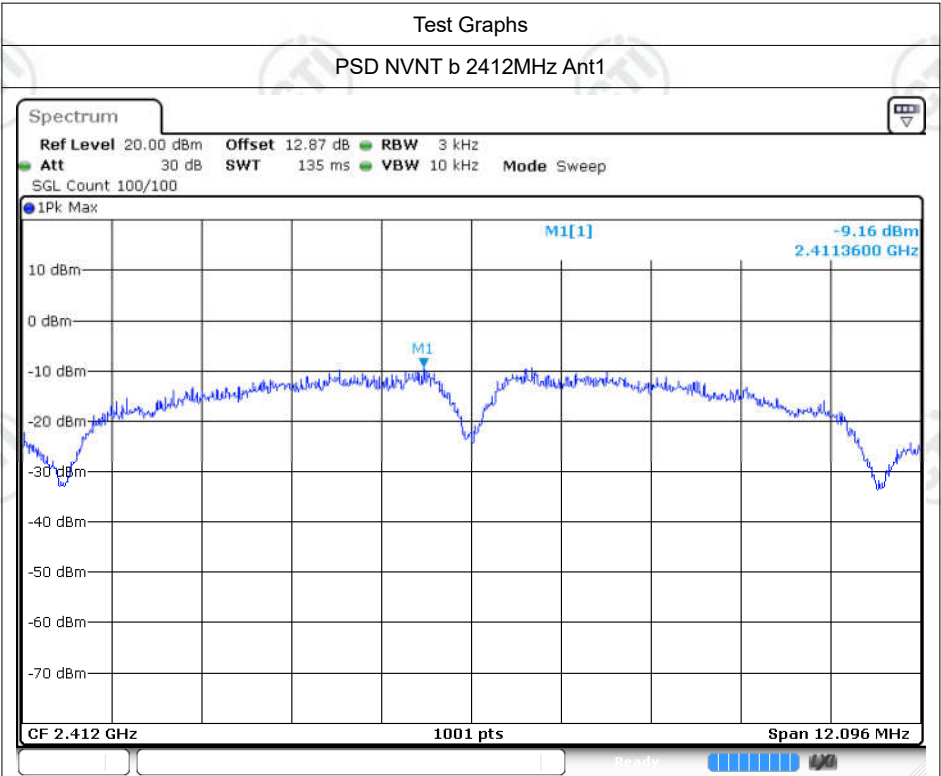


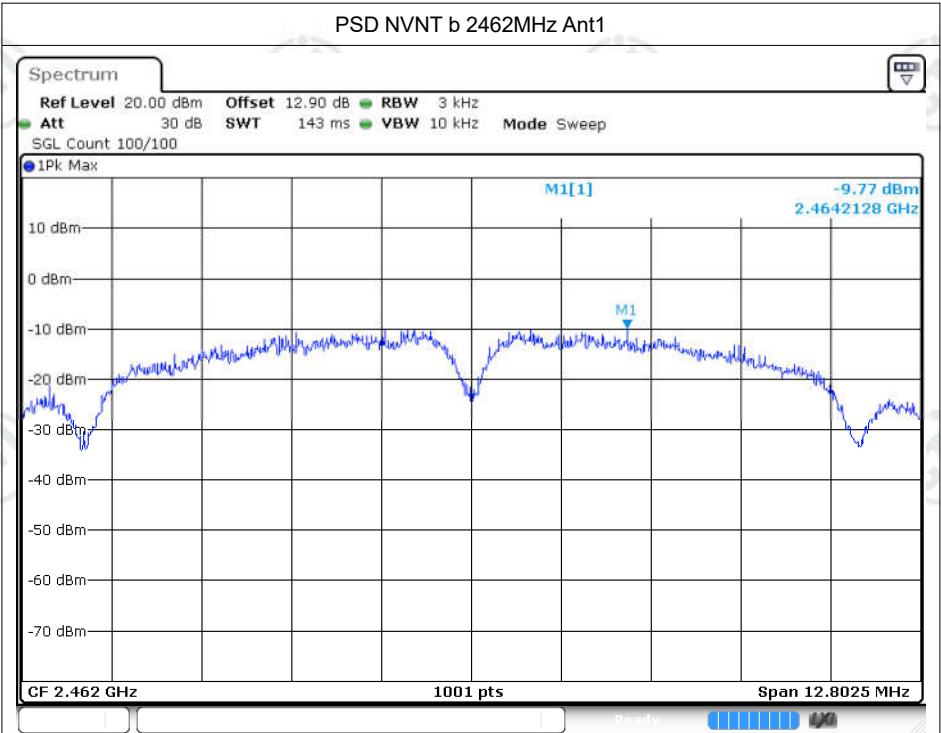
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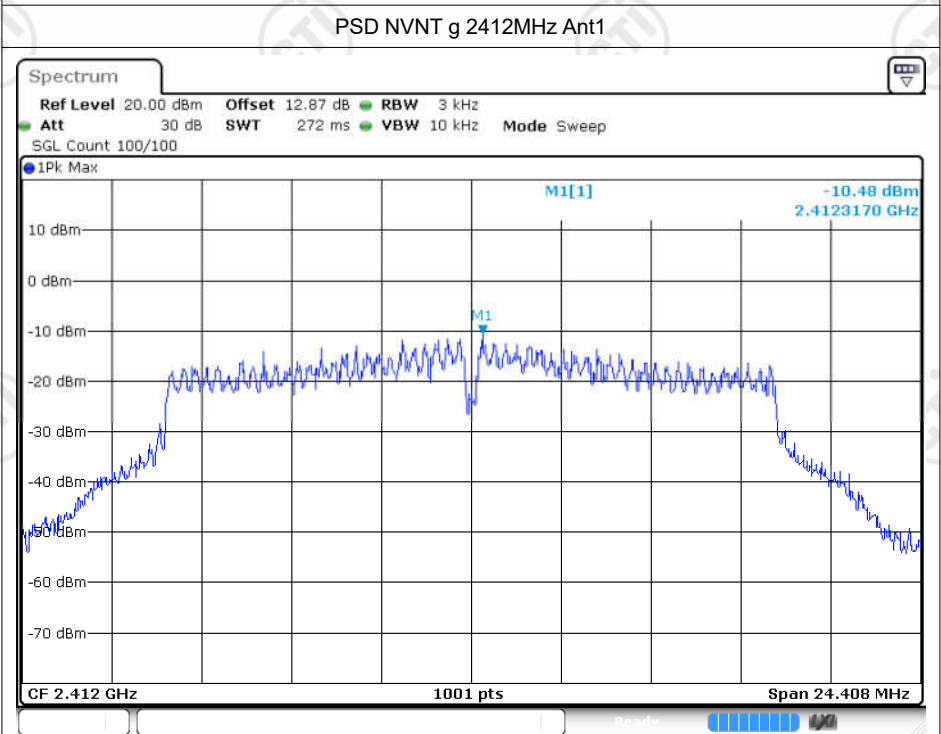
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-9.16	8	Pass
NVNT	b	2437	Ant1	-9.41	8	Pass
NVNT	b	2462	Ant1	-9.77	8	Pass
NVNT	g	2412	Ant1	-10.48	8	Pass
NVNT	g	2437	Ant1	-10.29	8	Pass
NVNT	g	2462	Ant1	-10.71	8	Pass
NVNT	n20	2412	Ant1	-11.89	8	Pass
NVNT	n20	2437	Ant1	-11.51	8	Pass
NVNT	n20	2462	Ant1	-12.54	8	Pass

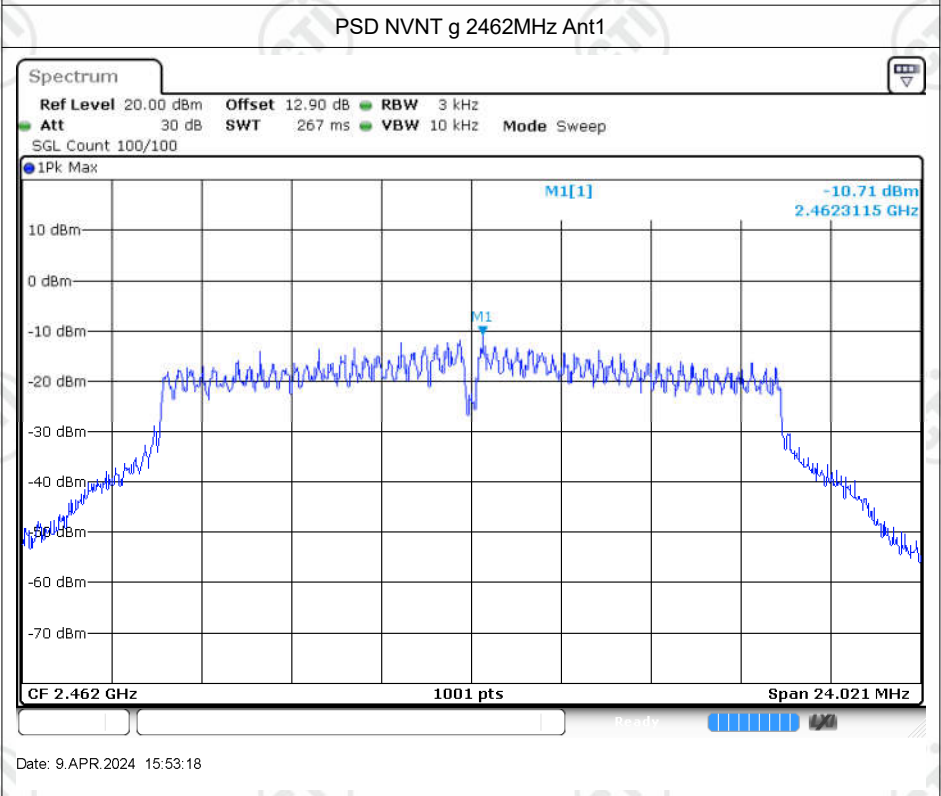
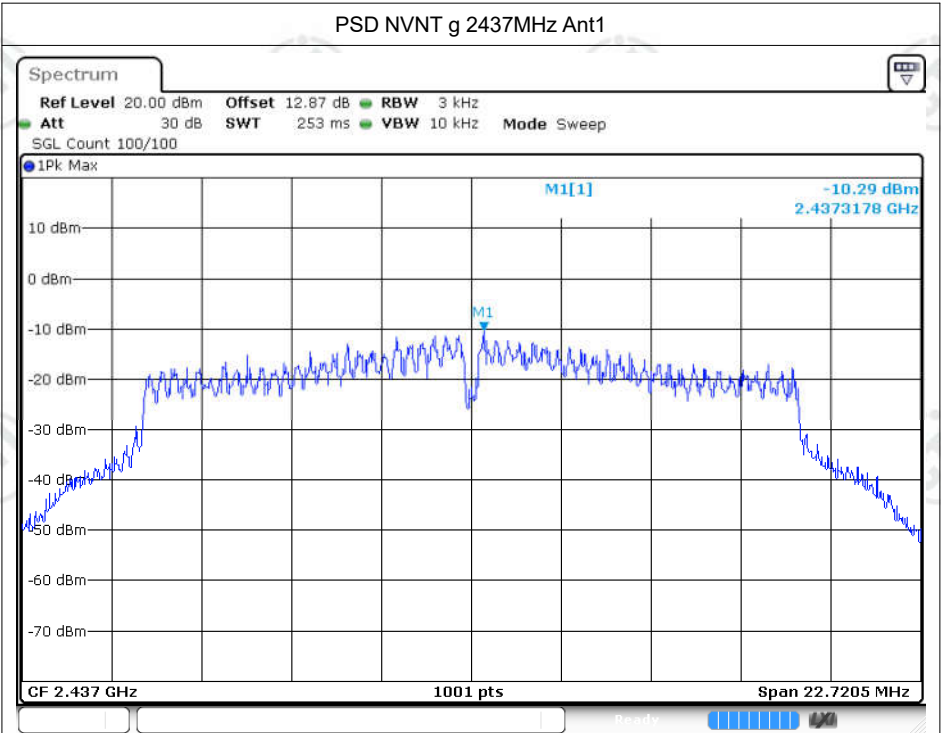


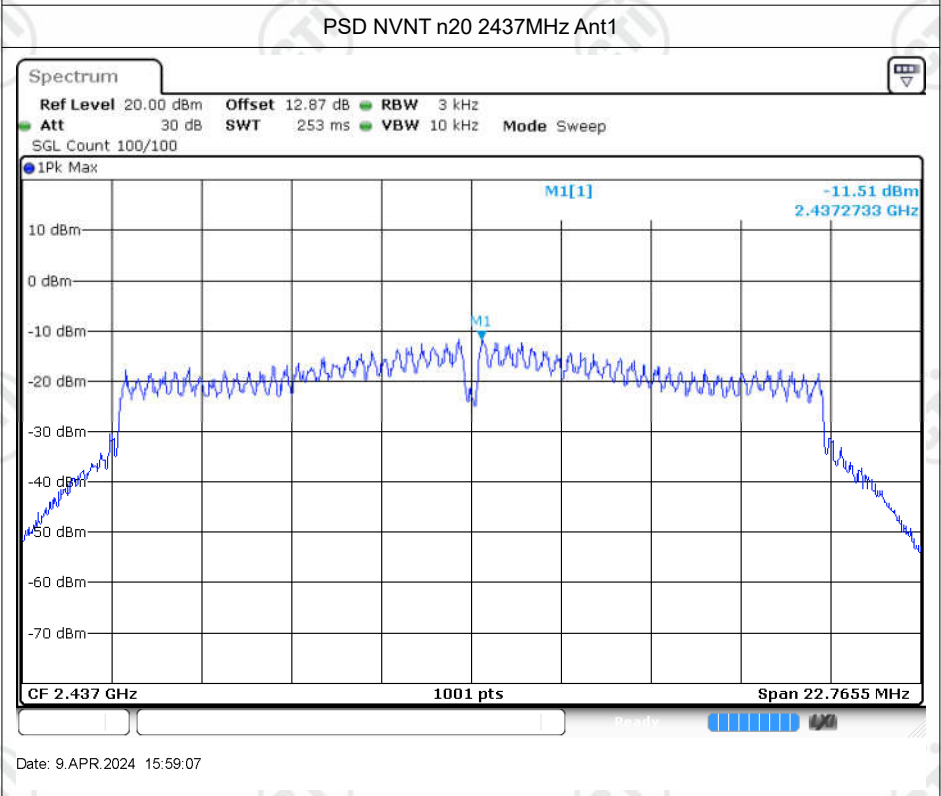
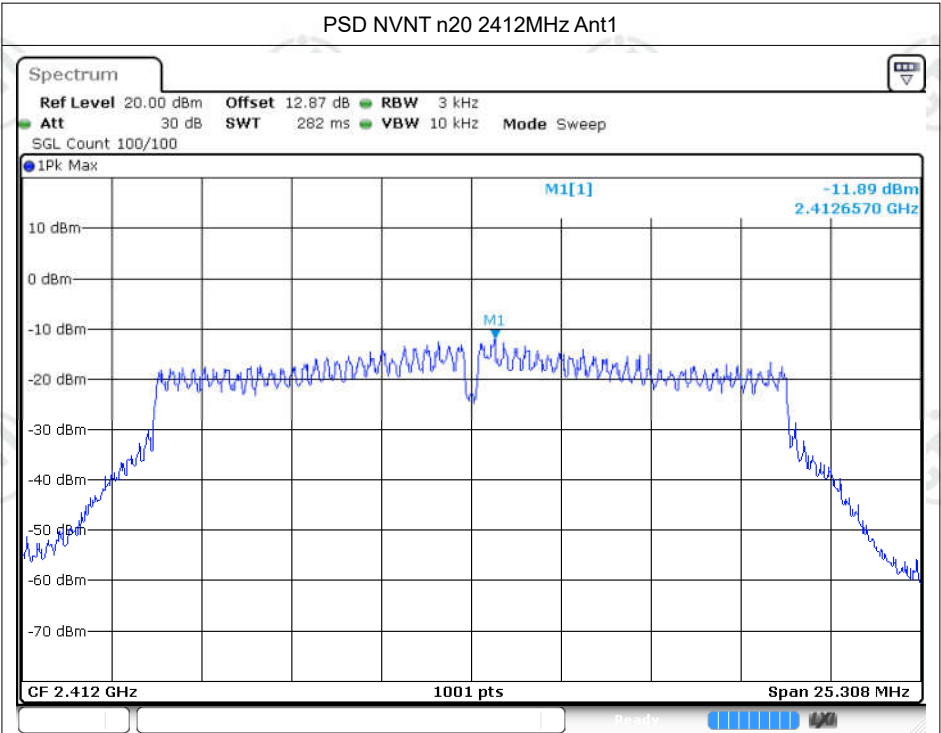


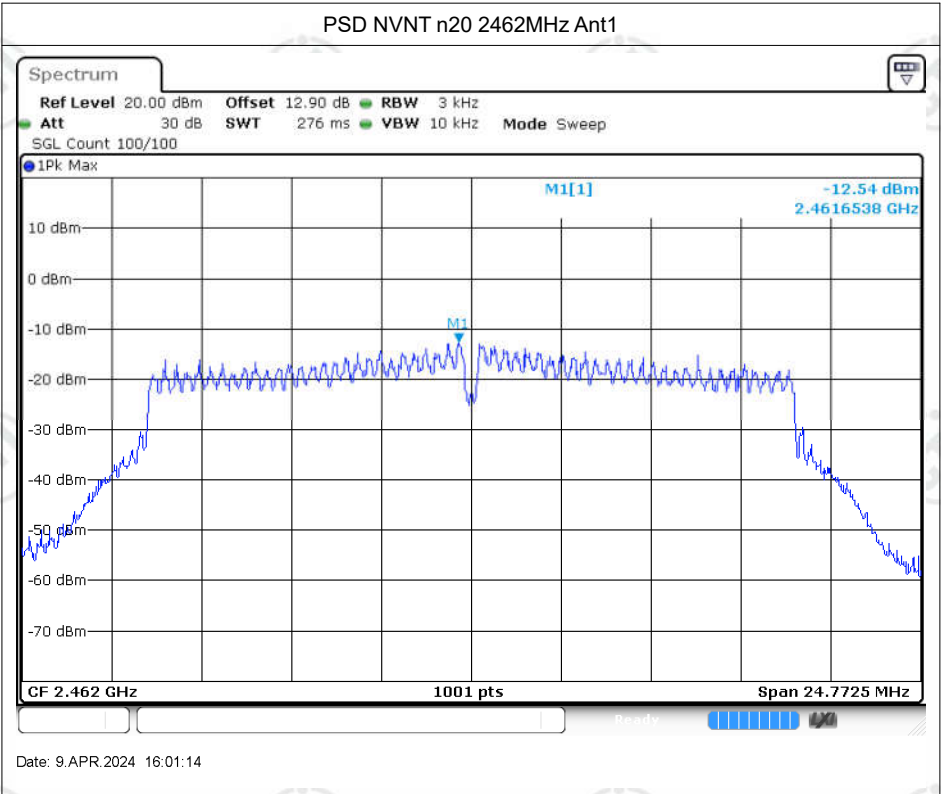
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Date: 9.APR.2024 15:49:09

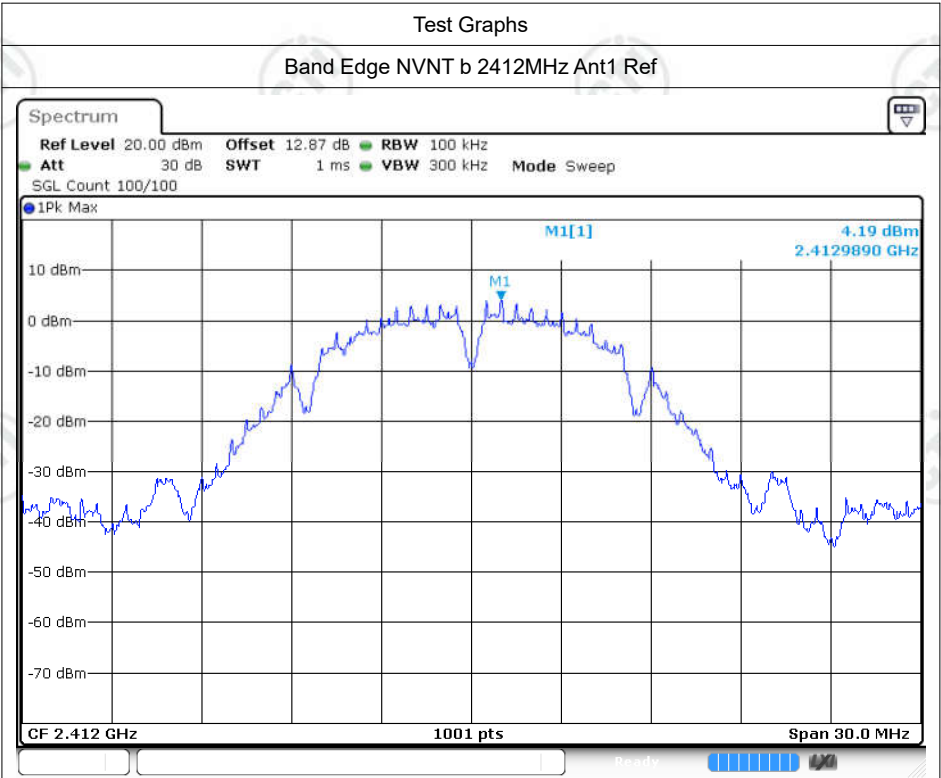




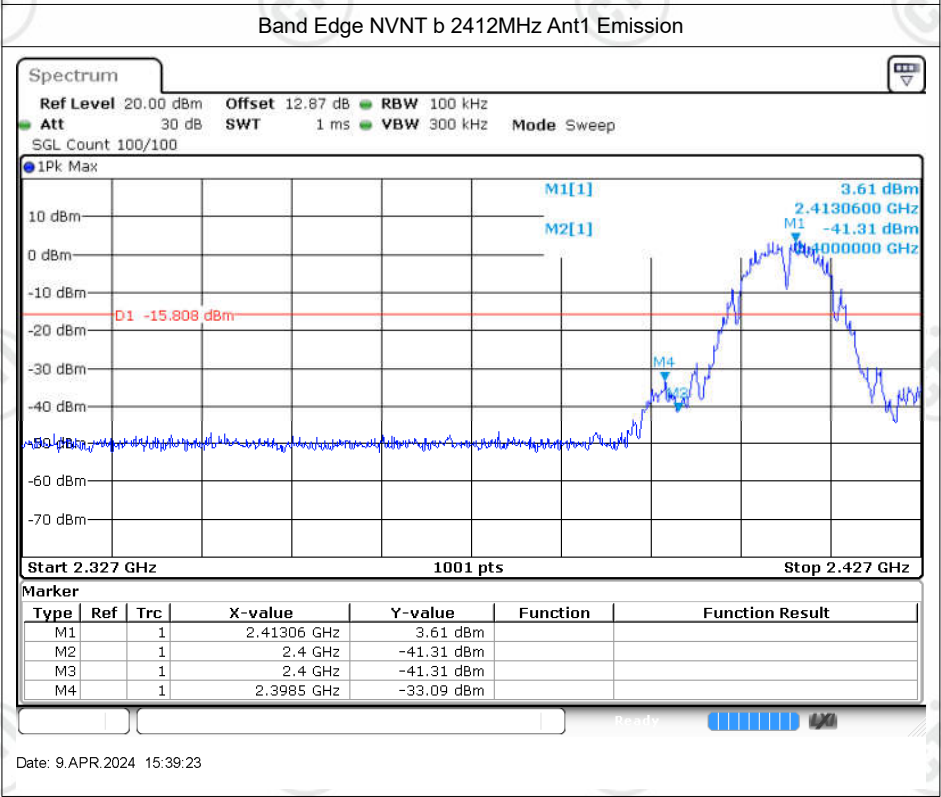


Band Edge

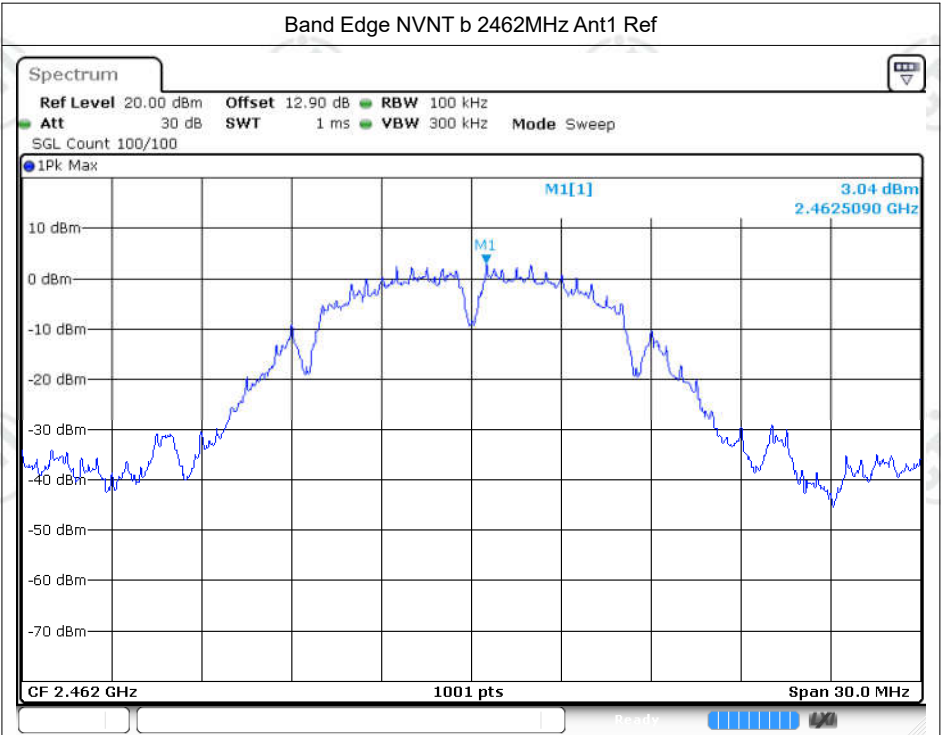
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-37.27	-20	Pass
NVNT	b	2462	Ant1	-49.65	-20	Pass
NVNT	g	2412	Ant1	-33.89	-20	Pass
NVNT	g	2462	Ant1	-41.92	-20	Pass
NVNT	n20	2412	Ant1	-37.26	-20	Pass
NVNT	n20	2462	Ant1	-44.51	-20	Pass



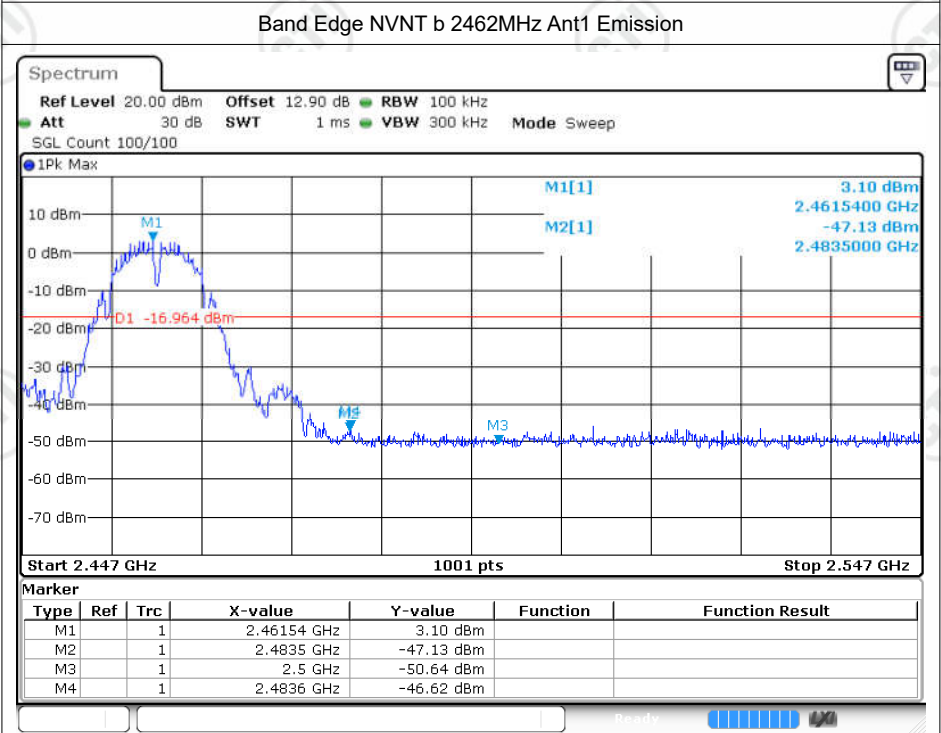
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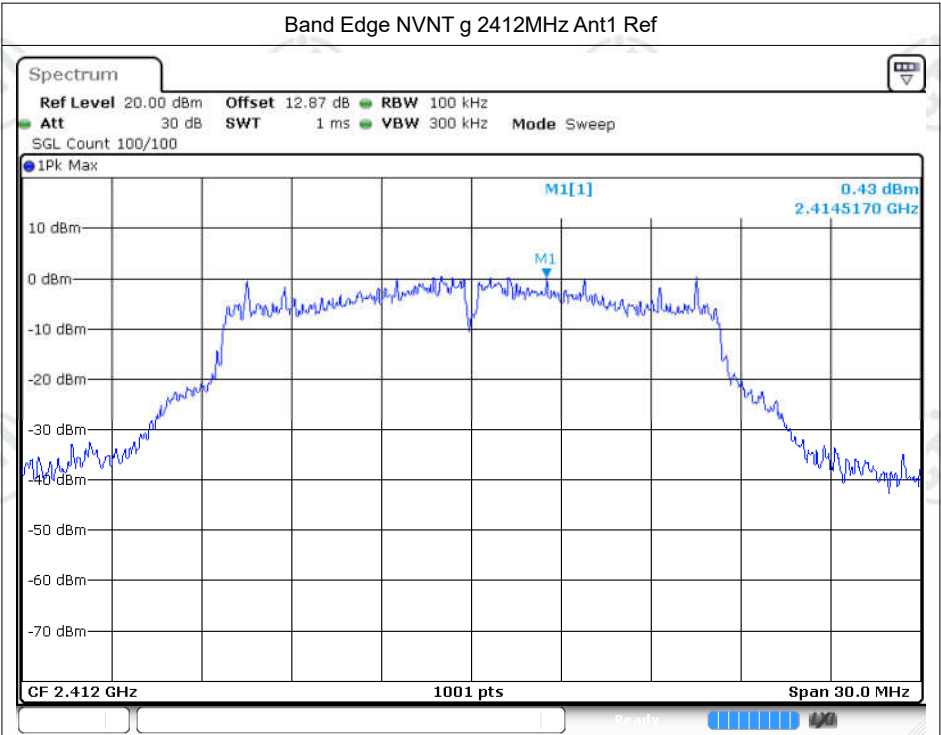
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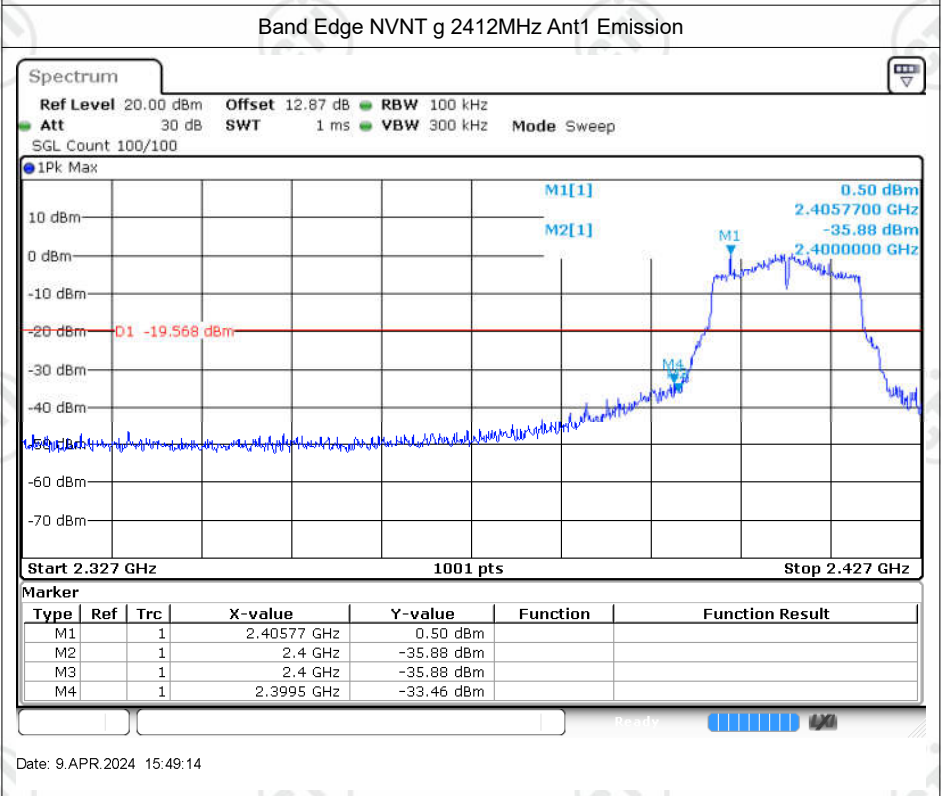
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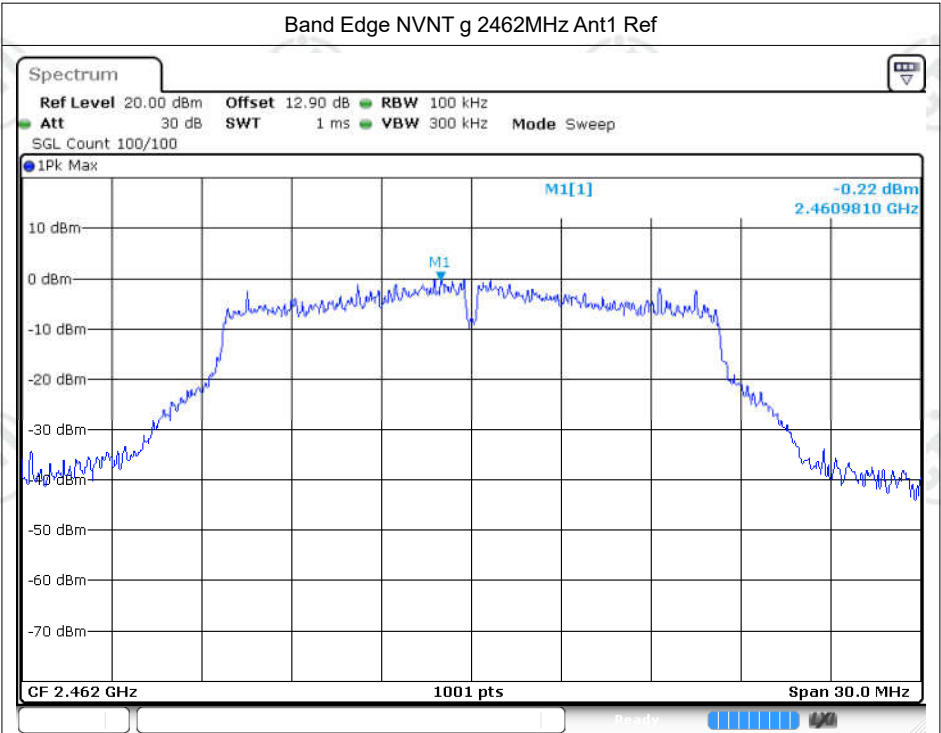
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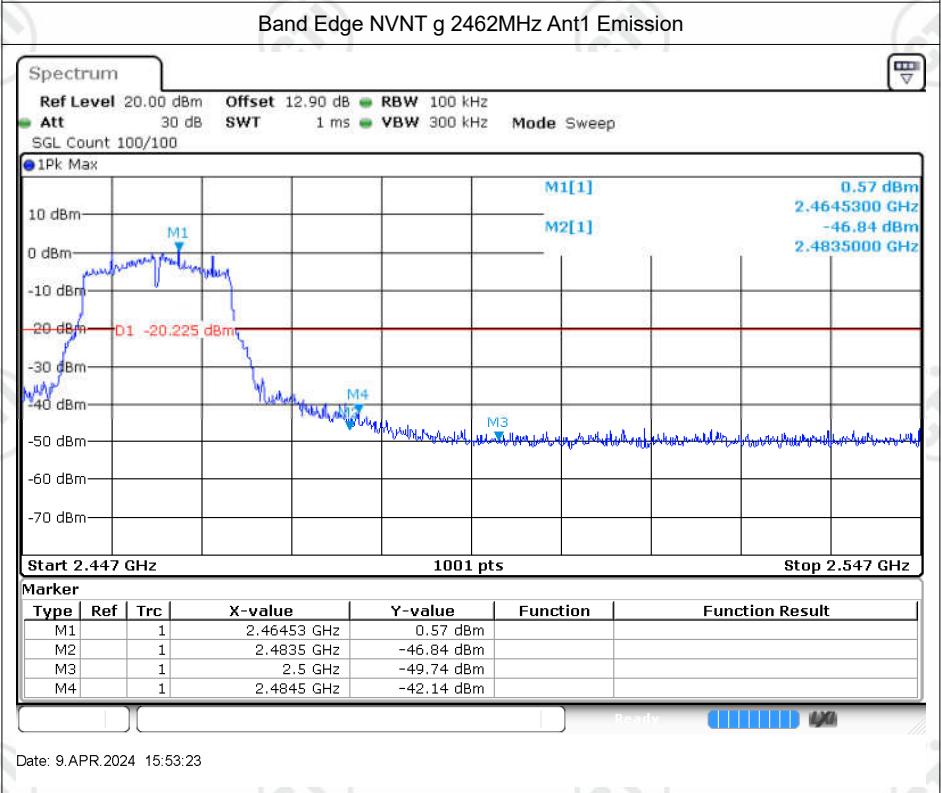
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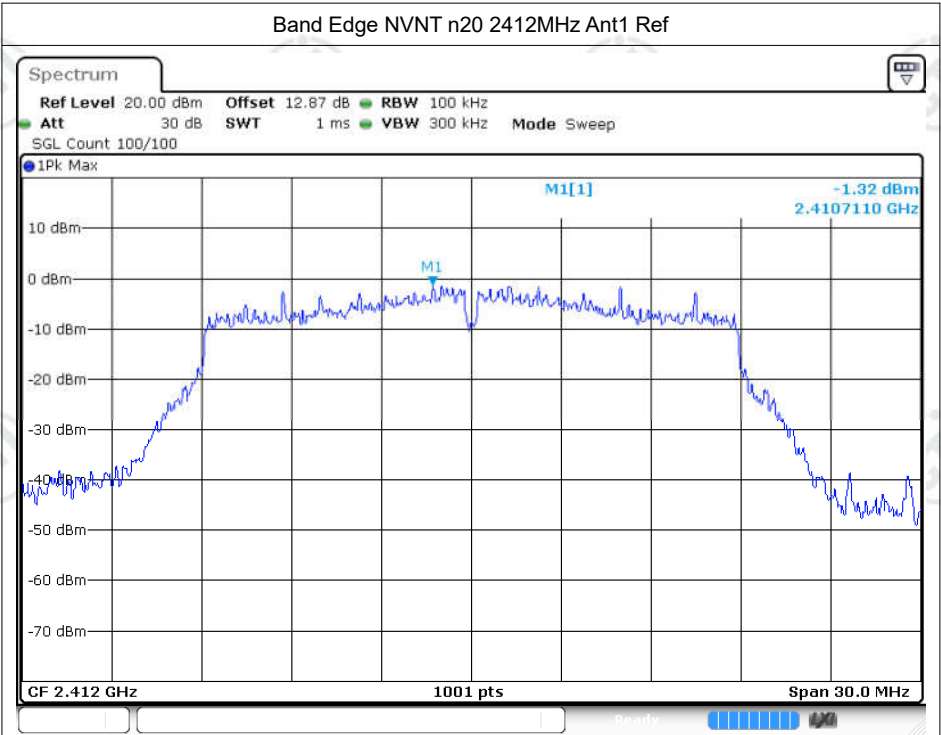
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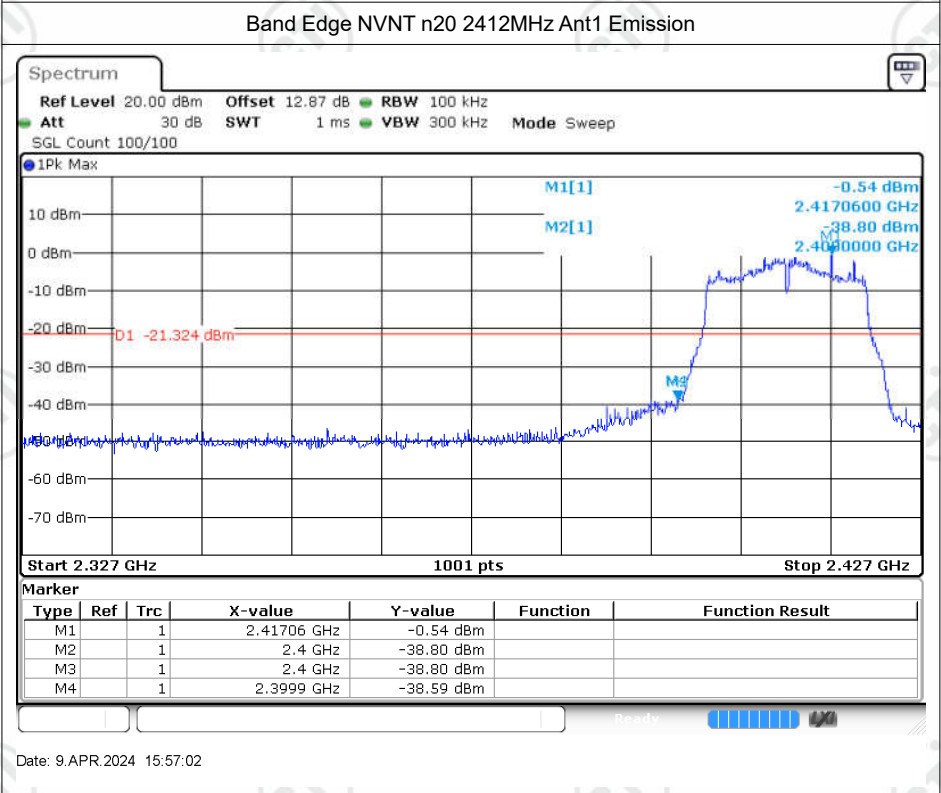
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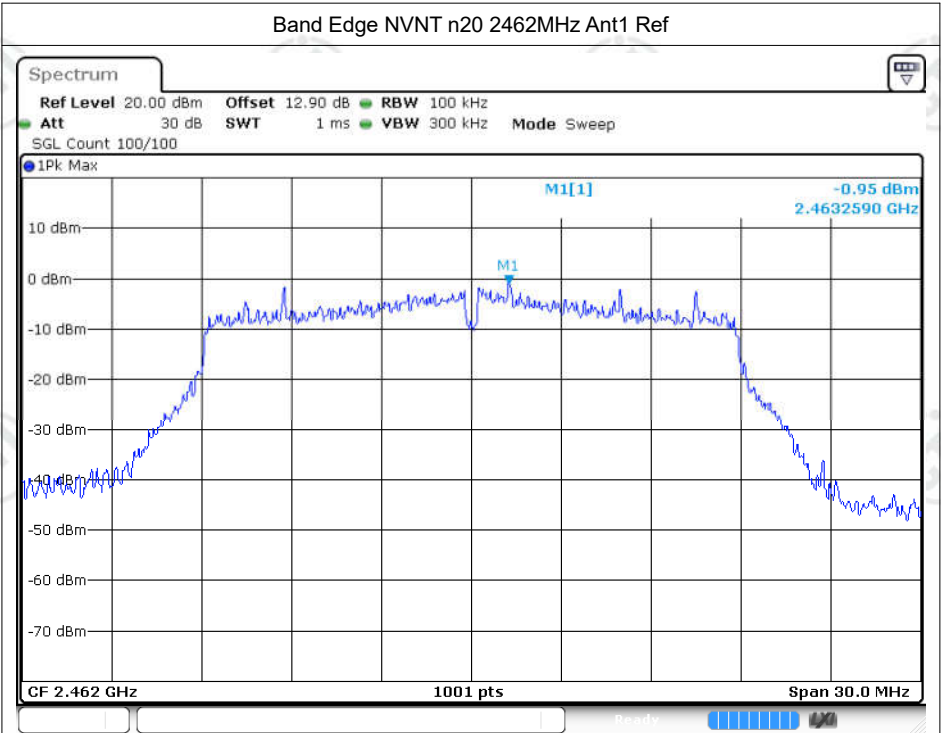
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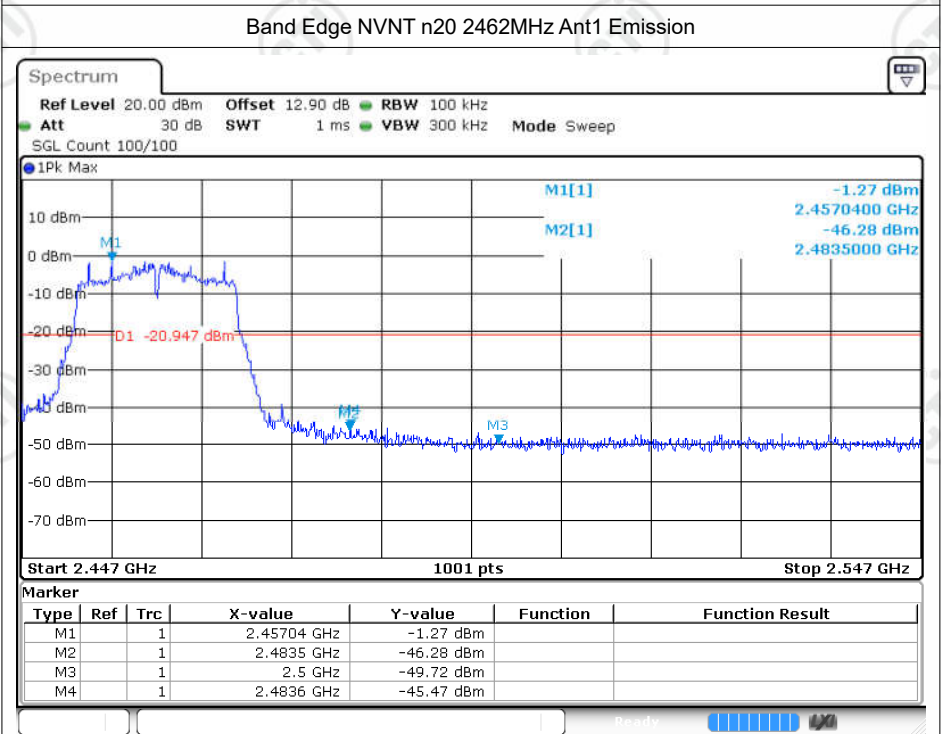
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Date: 9.APR.2024 15:57:02



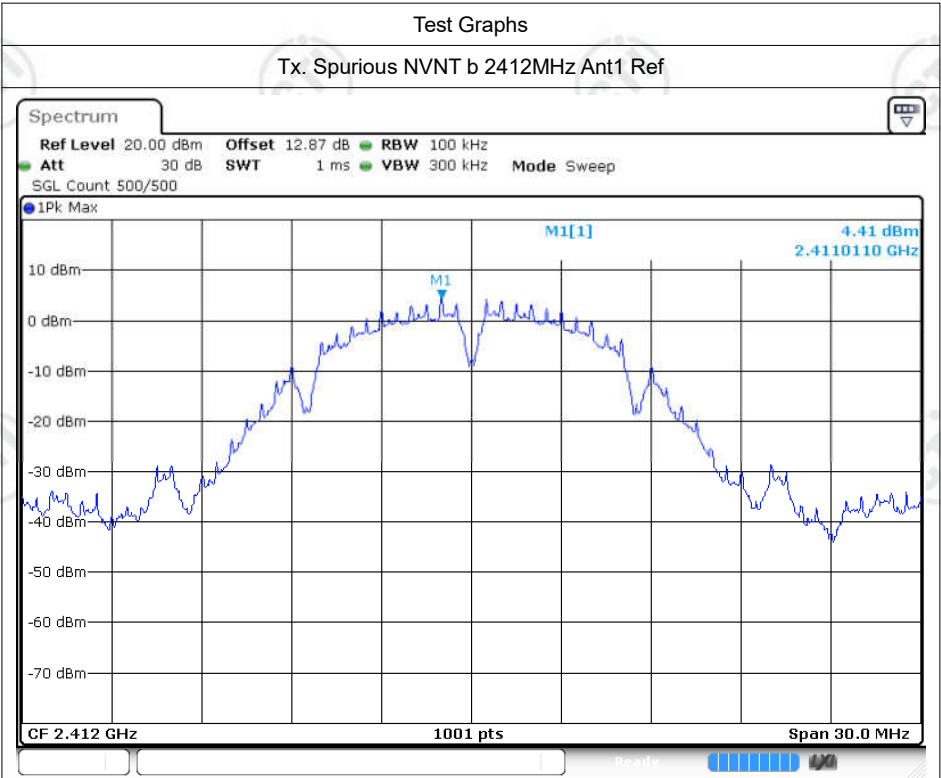
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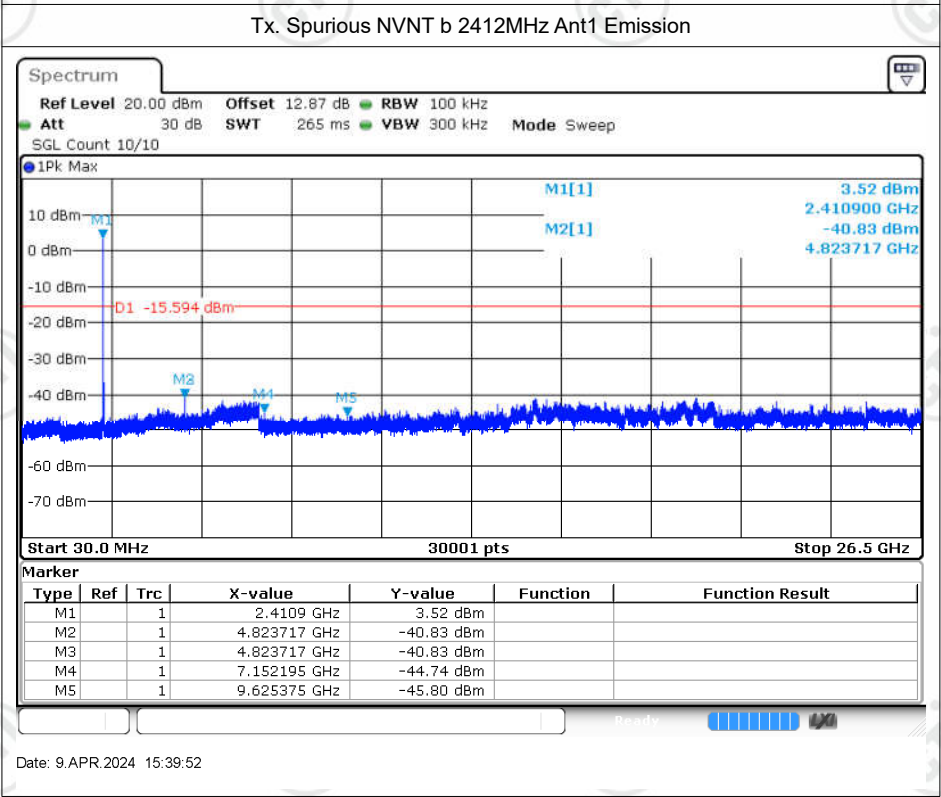
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Conducted RF Spurious Emission

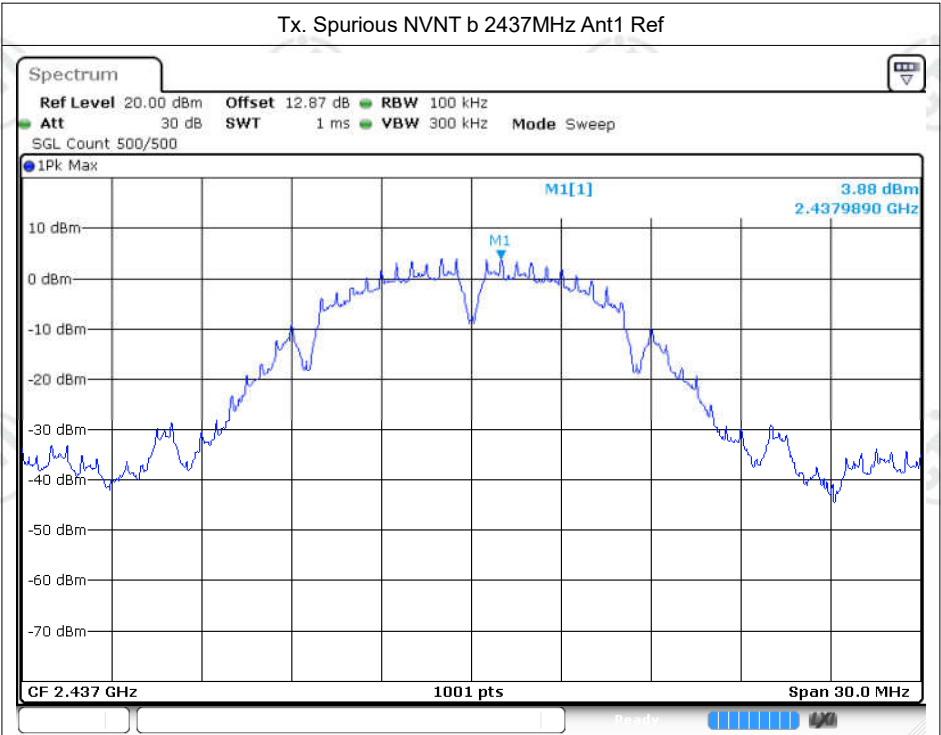
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-45.24	-20	Pass
NVNT	b	2437	Ant1	-44.03	-20	Pass
NVNT	b	2462	Ant1	-43.56	-20	Pass
NVNT	g	2412	Ant1	-40.9	-20	Pass
NVNT	g	2437	Ant1	-40.67	-20	Pass
NVNT	g	2462	Ant1	-39.94	-20	Pass
NVNT	n20	2412	Ant1	-39.67	-20	Pass
NVNT	n20	2437	Ant1	-39.78	-20	Pass
NVNT	n20	2462	Ant1	-39.75	-20	Pass



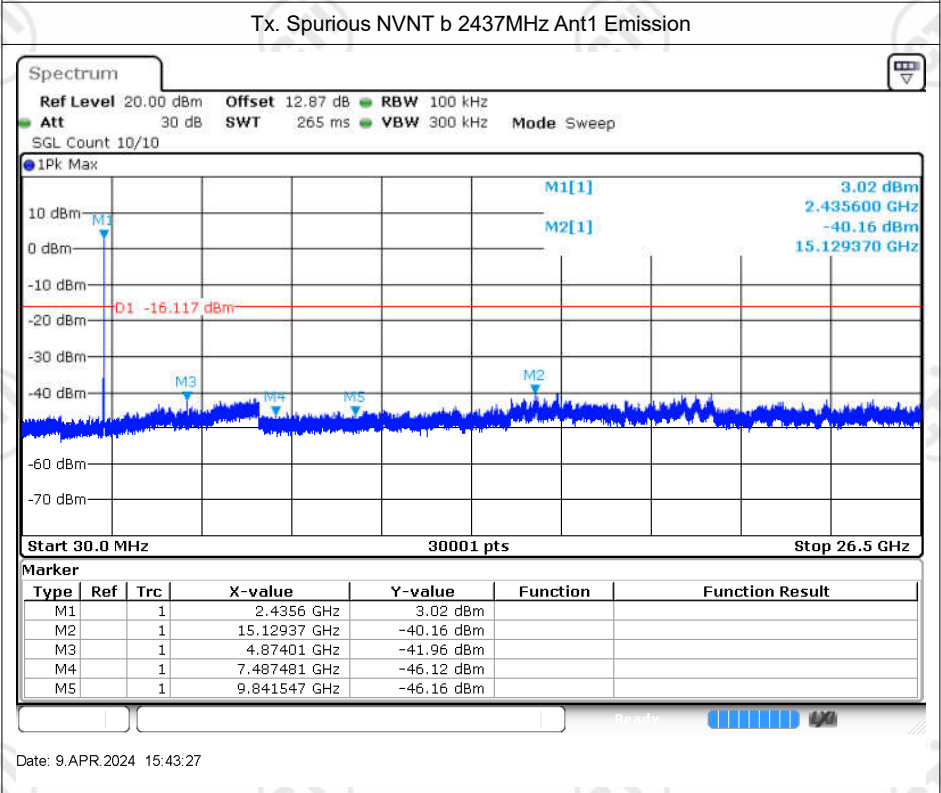
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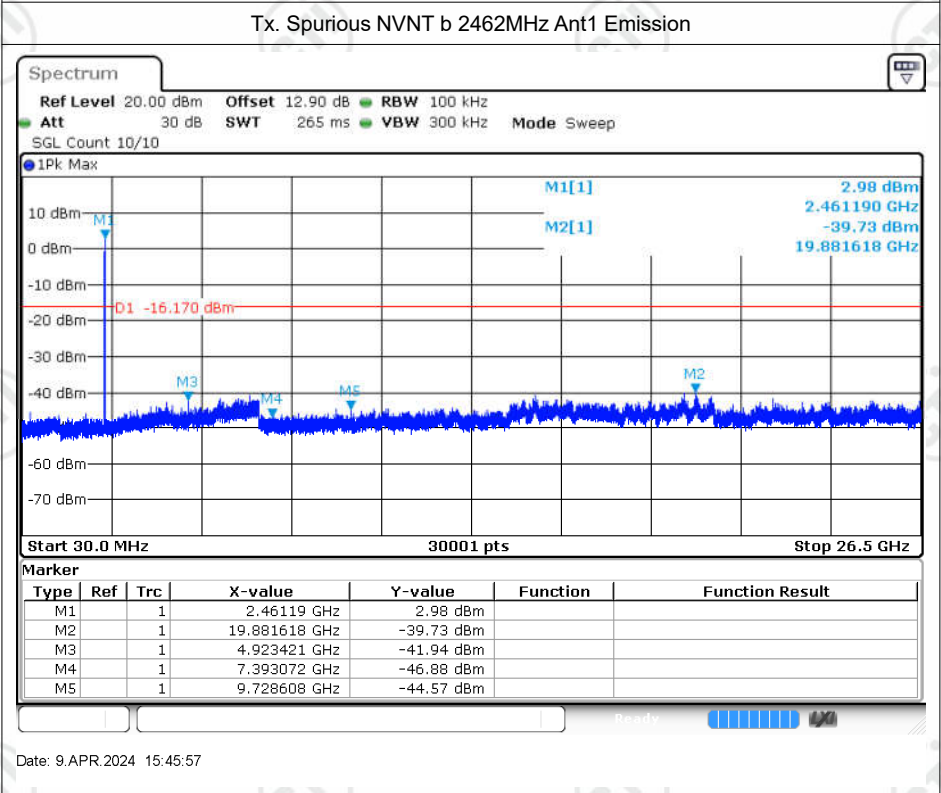
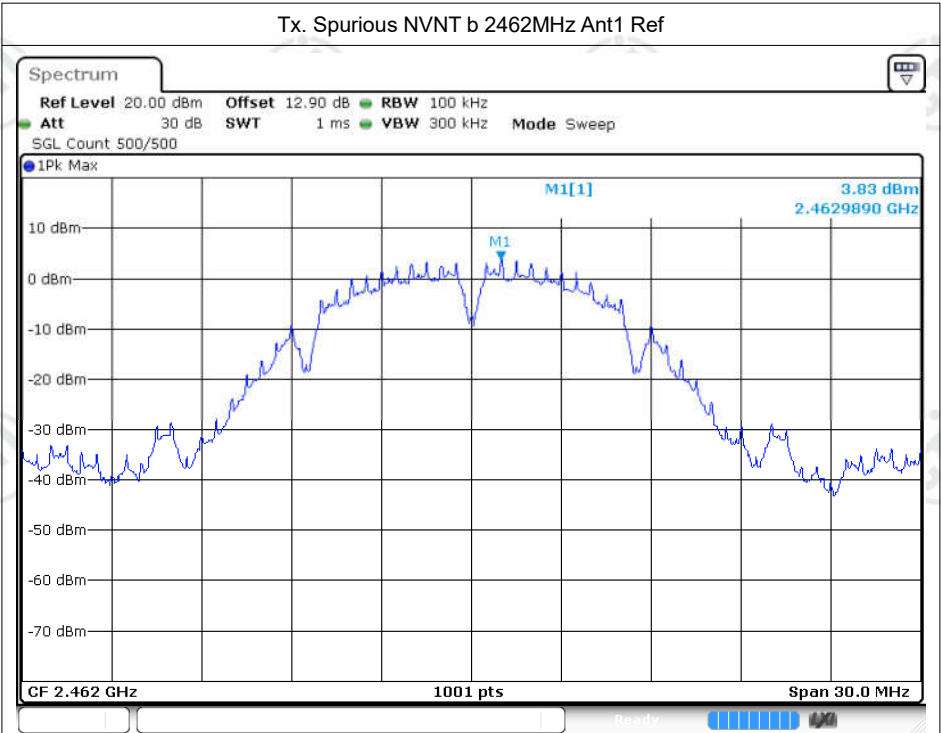
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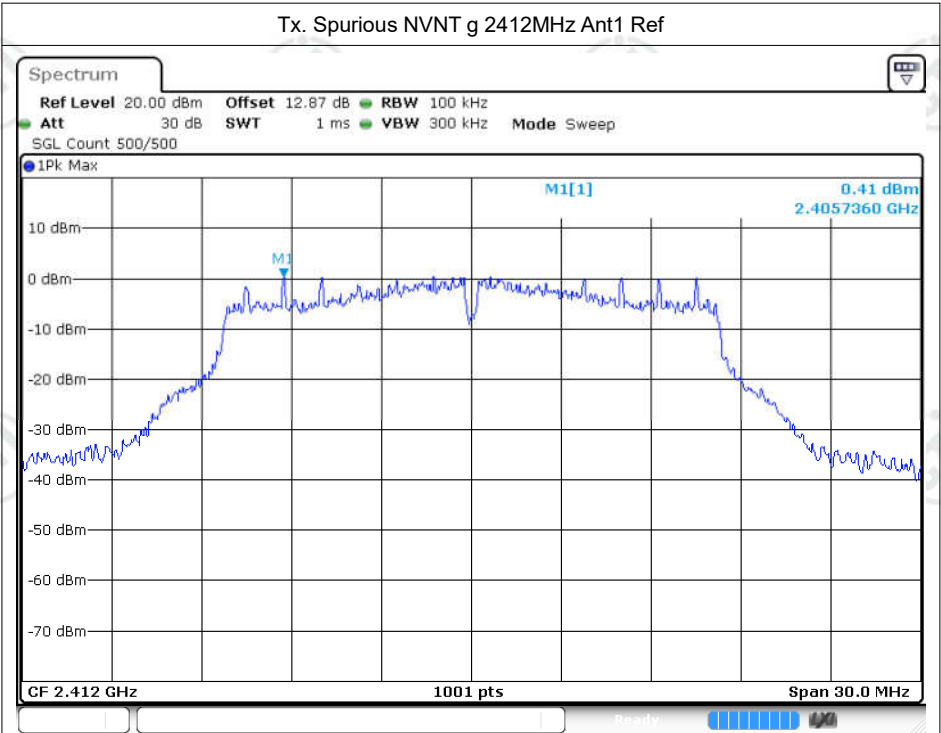


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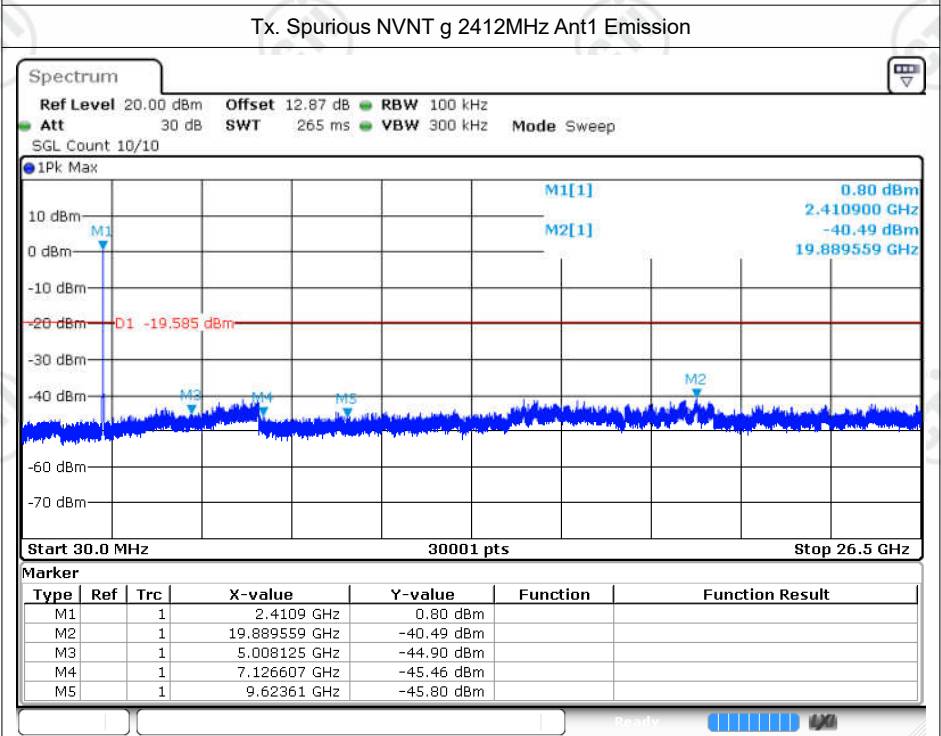


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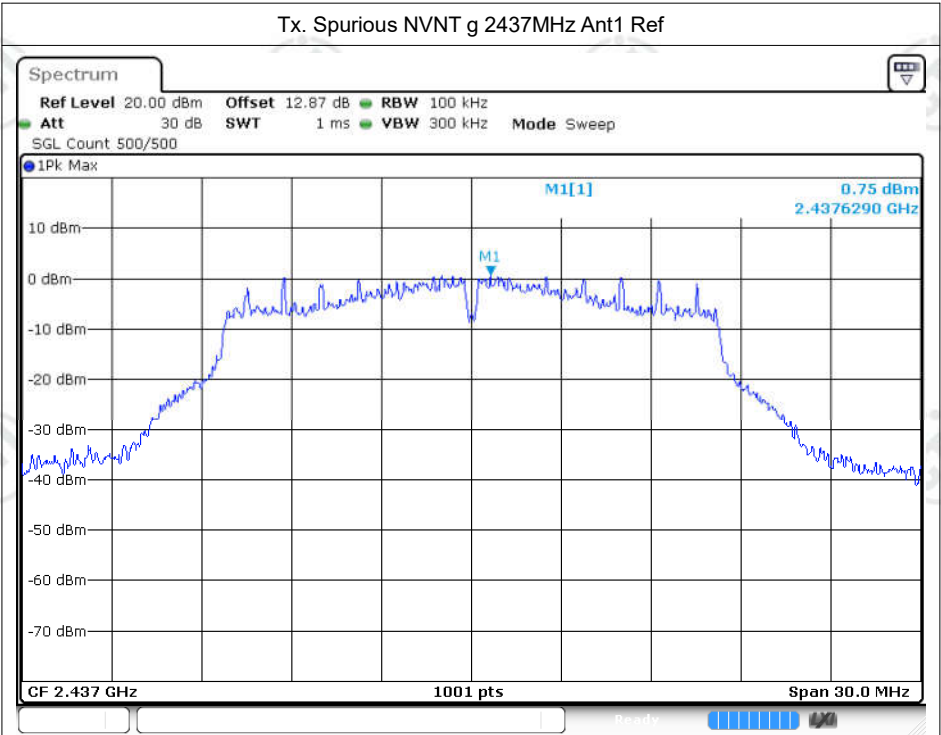




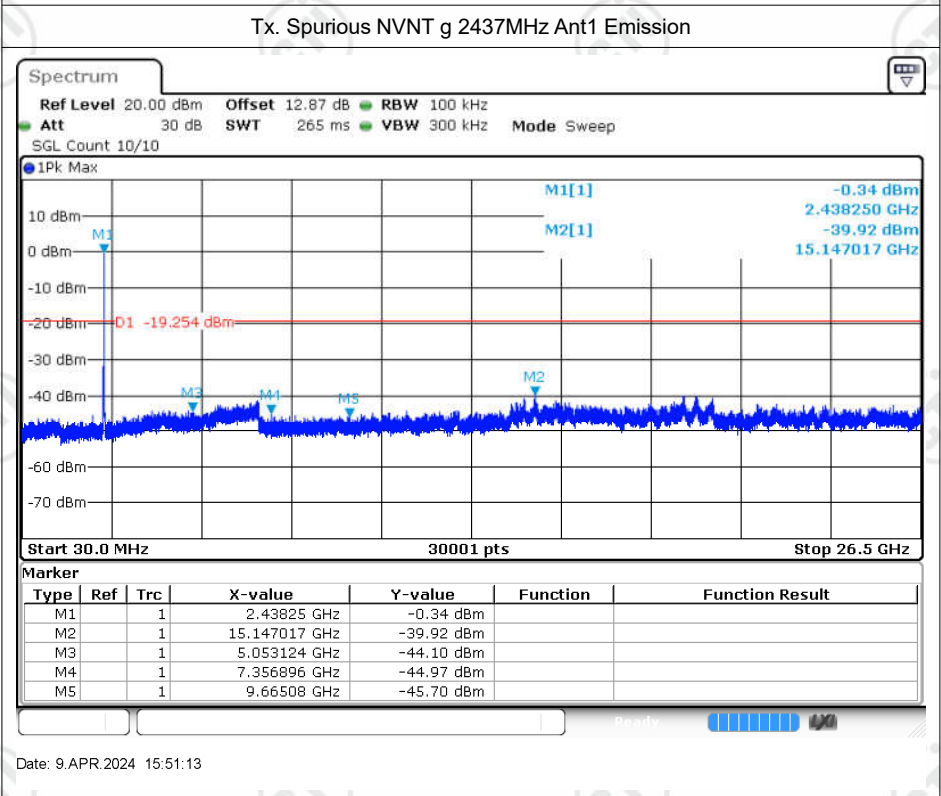
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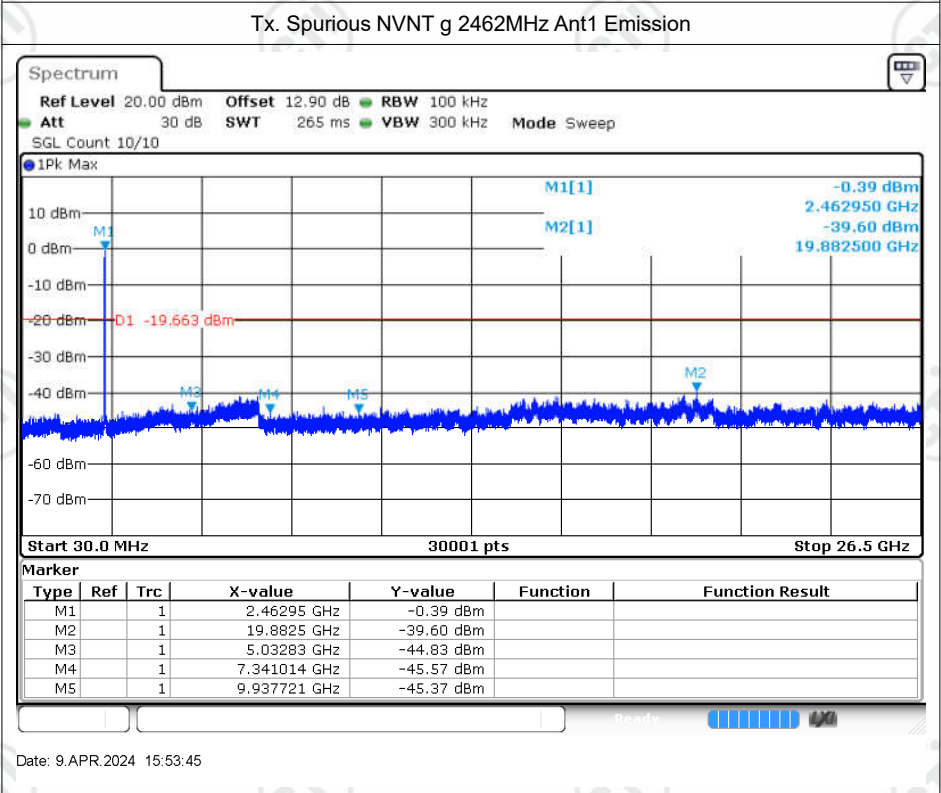
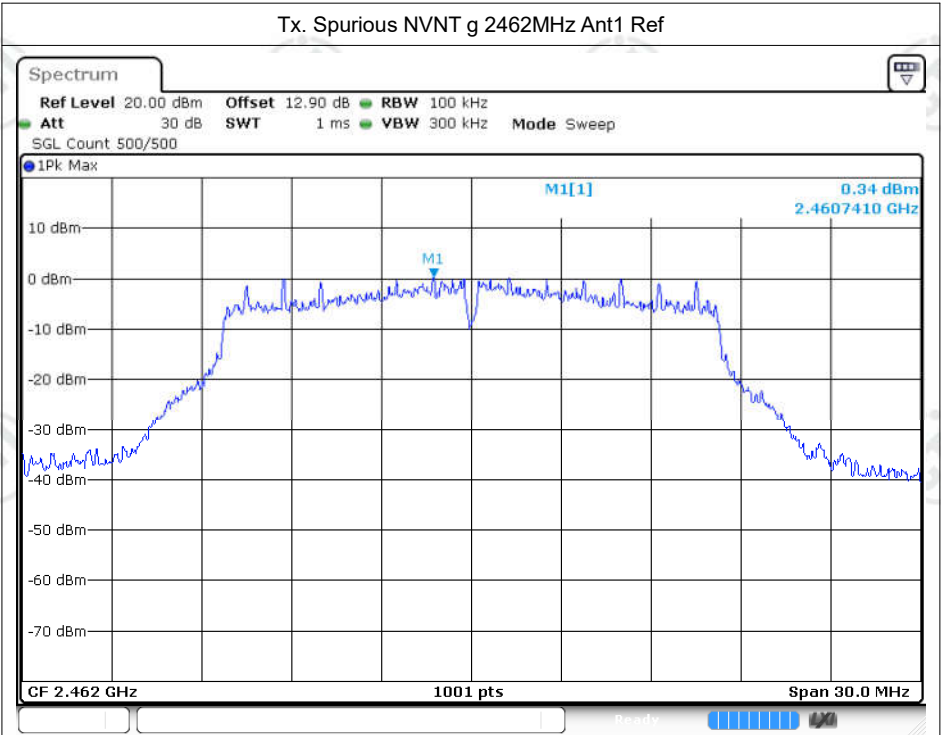
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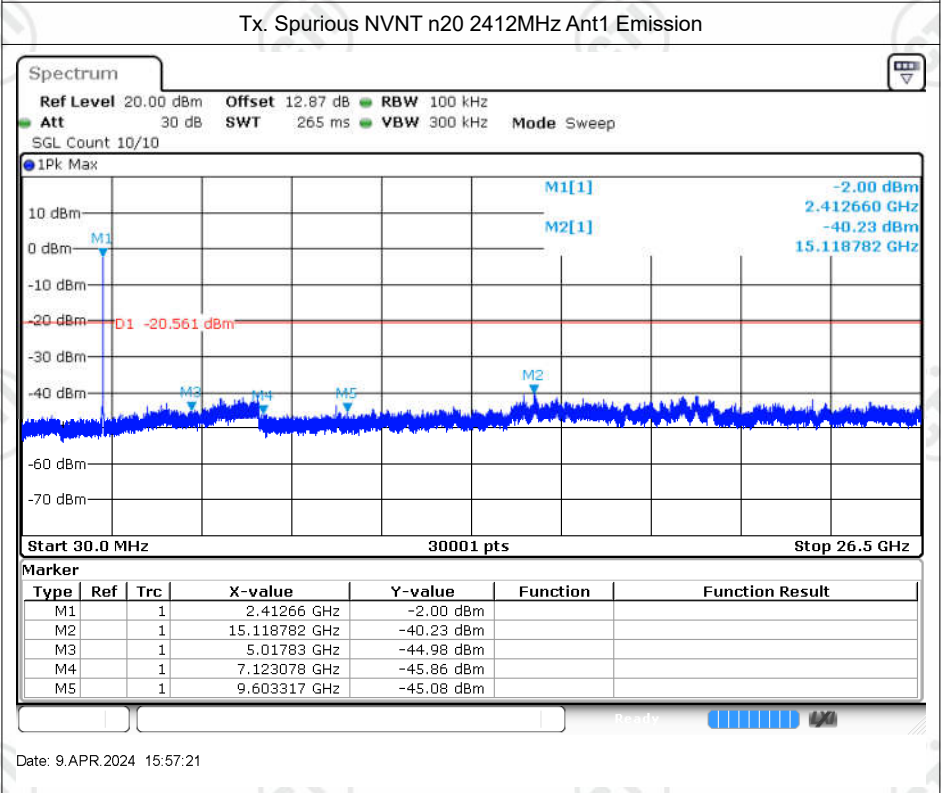
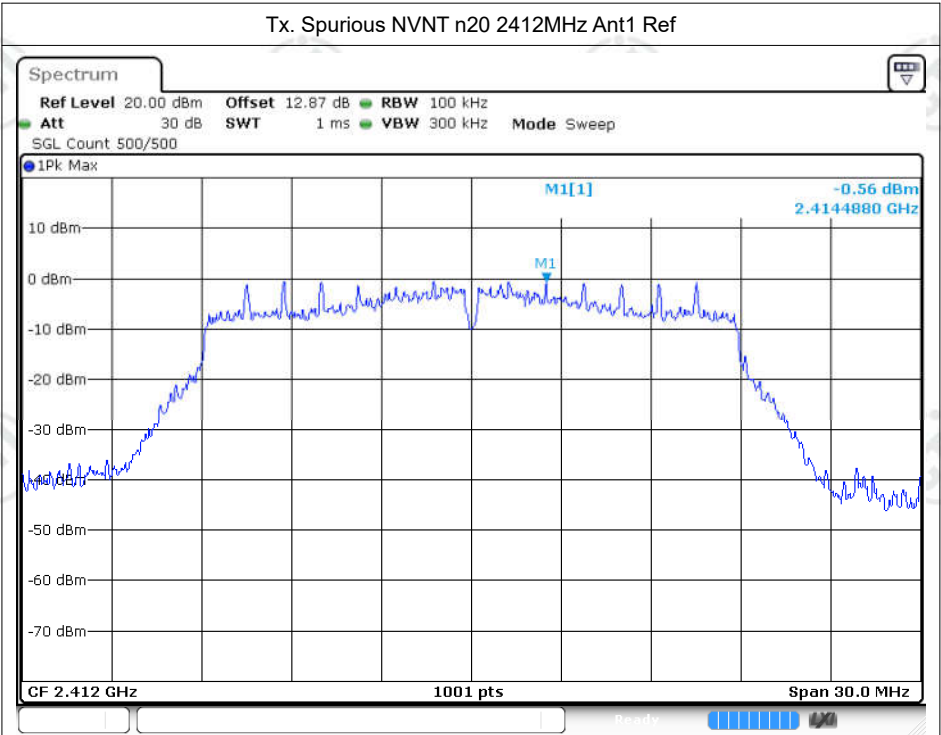


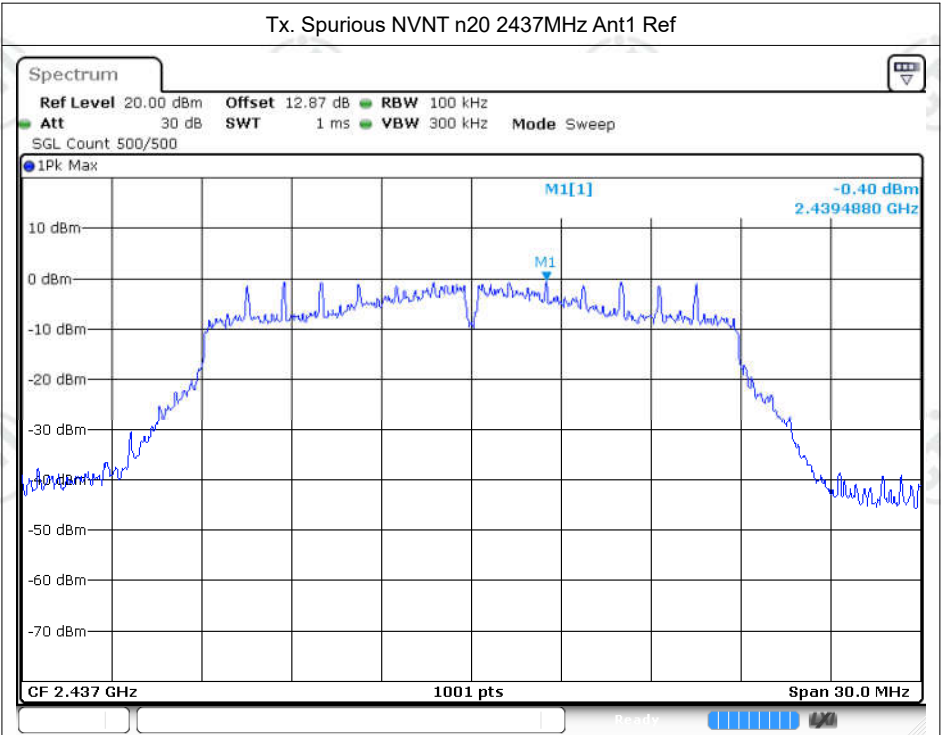
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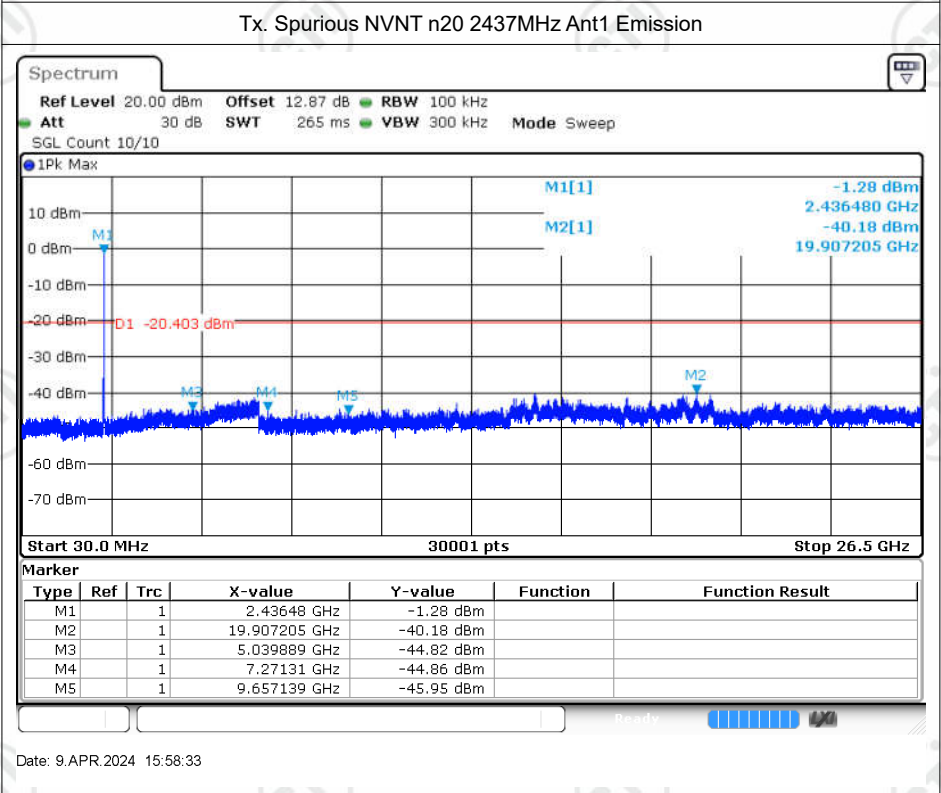
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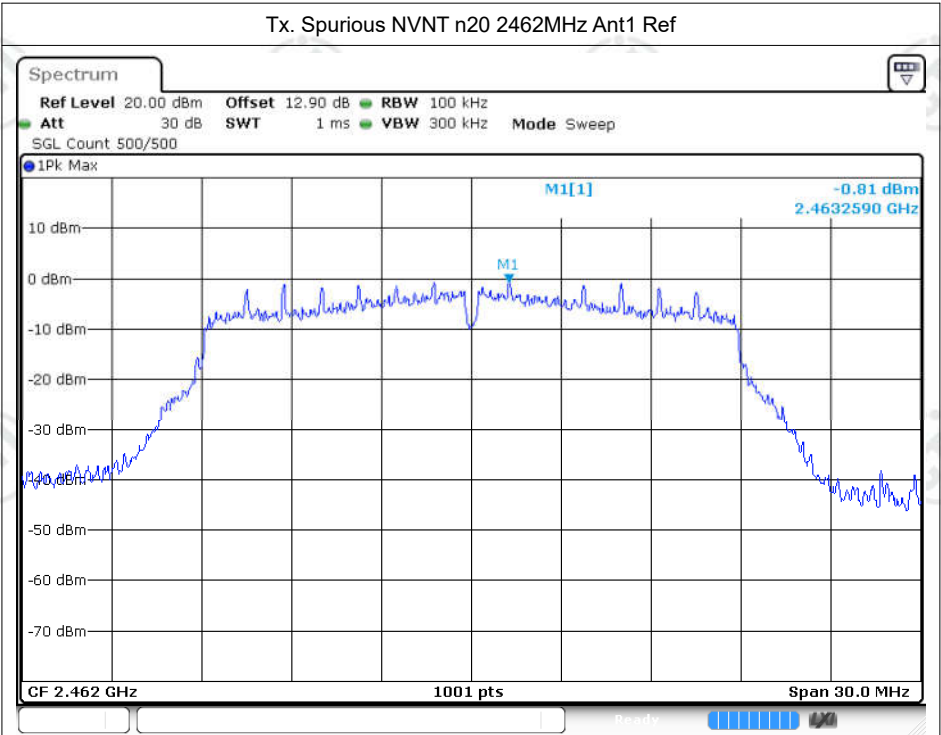




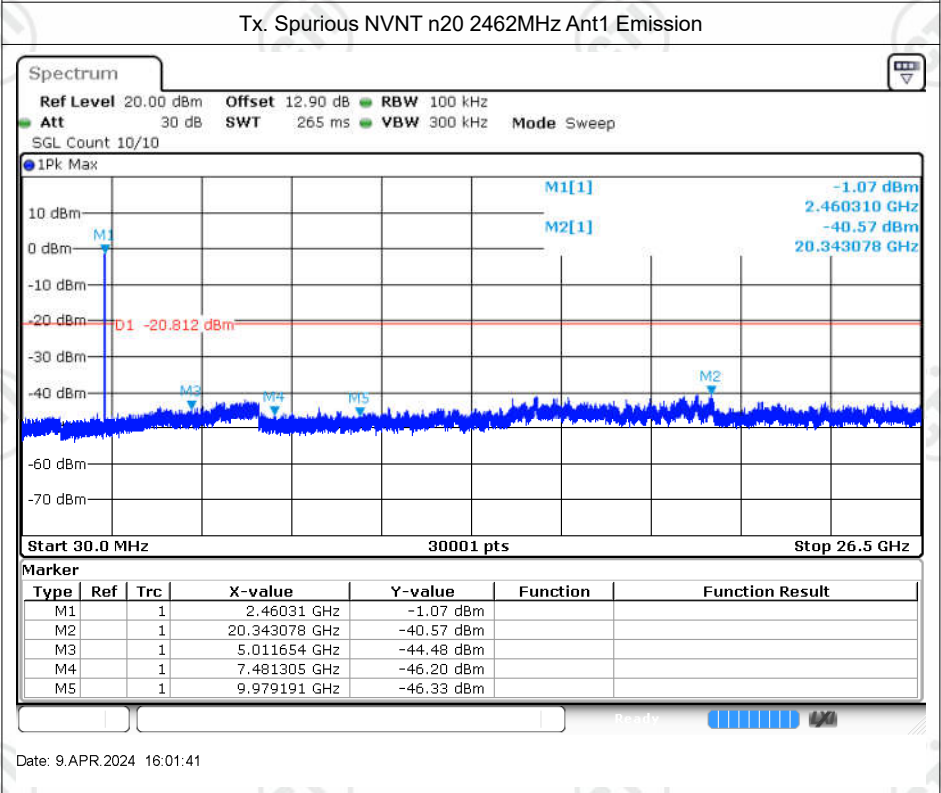
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Date: 9.APR.2024 15:58:33



Date: 9.APR.2024 16:01:30



Date: 9.APR.2024 16:01:41

*** End of Report ***