

Appendix: 2.4G Wi-Fi

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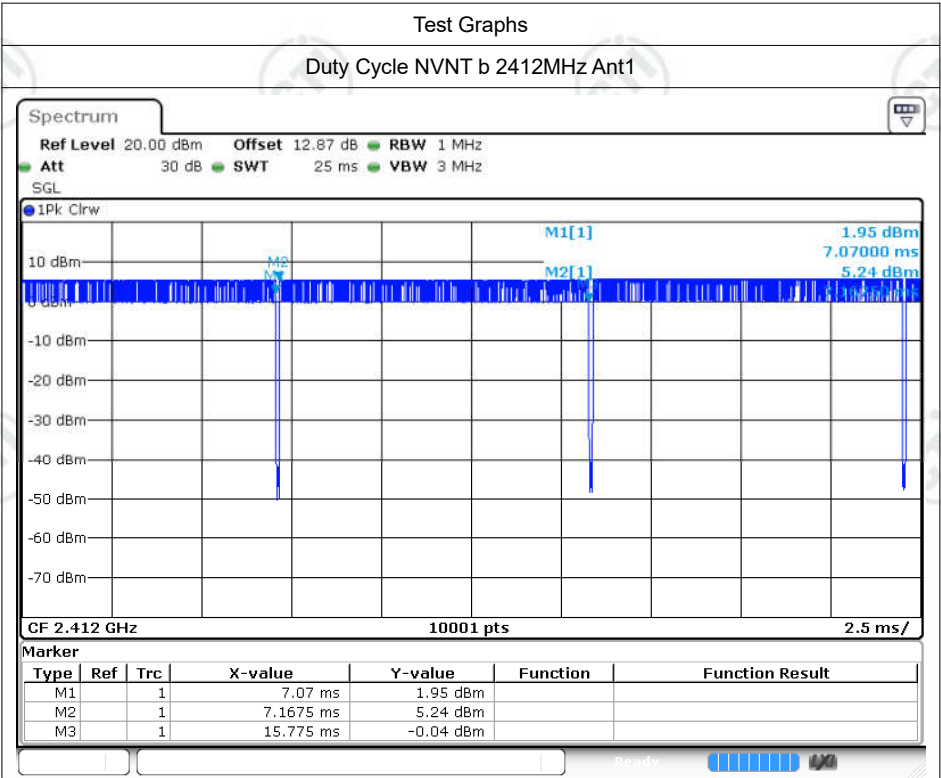
Maximum Power Spectral Density Level 22

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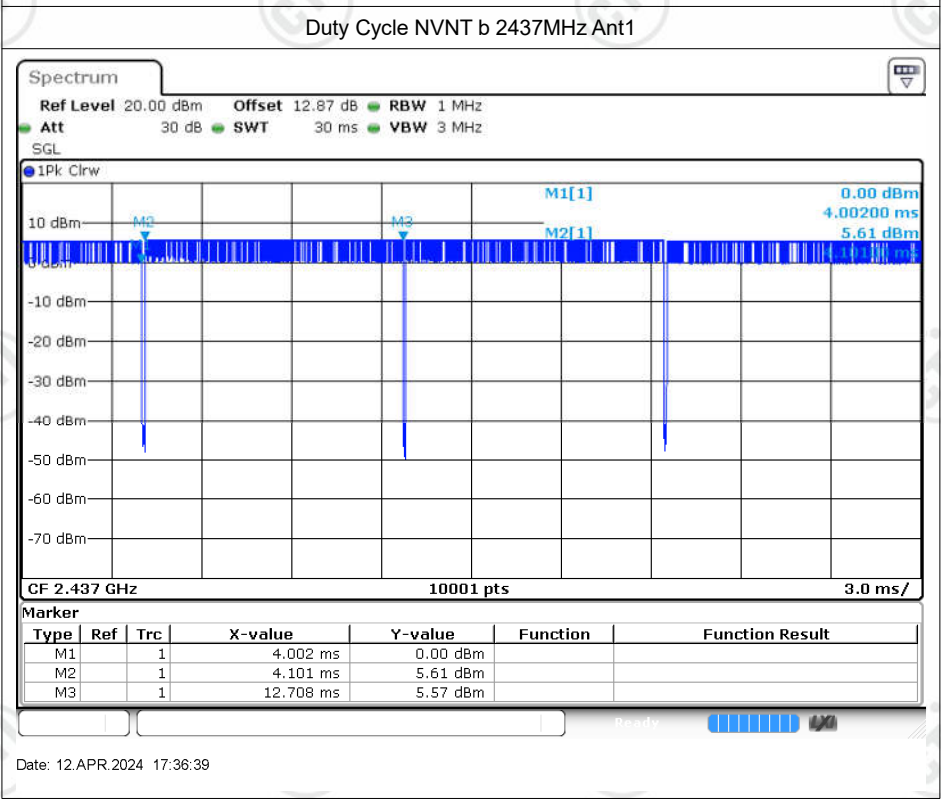
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Duty Cycle

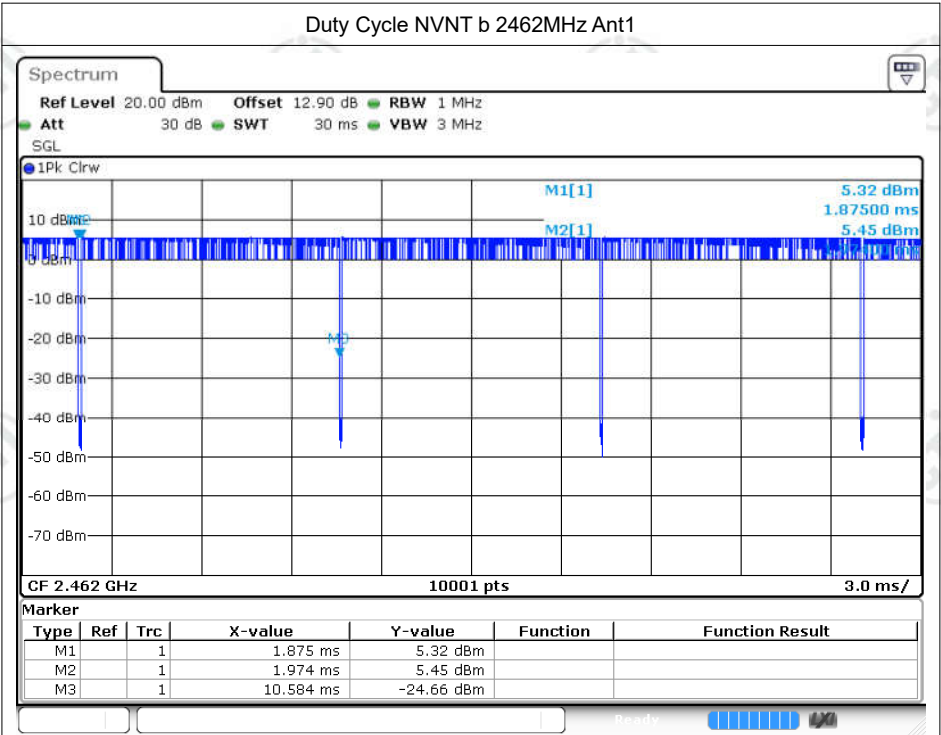
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.88	0	0.12
NVNT	b	2437	Ant1	98.86	0	0.12
NVNT	b	2462	Ant1	98.86	0	0.12
NVNT	g	2412	Ant1	93.46	0.29	0.7
NVNT	g	2437	Ant1	93.46	0.29	0.7
NVNT	g	2462	Ant1	93.46	0.29	0.7
NVNT	n20	2412	Ant1	93.04	0.31	0.75
NVNT	n20	2437	Ant1	93.04	0.31	0.75
NVNT	n20	2462	Ant1	93.04	0.31	0.75



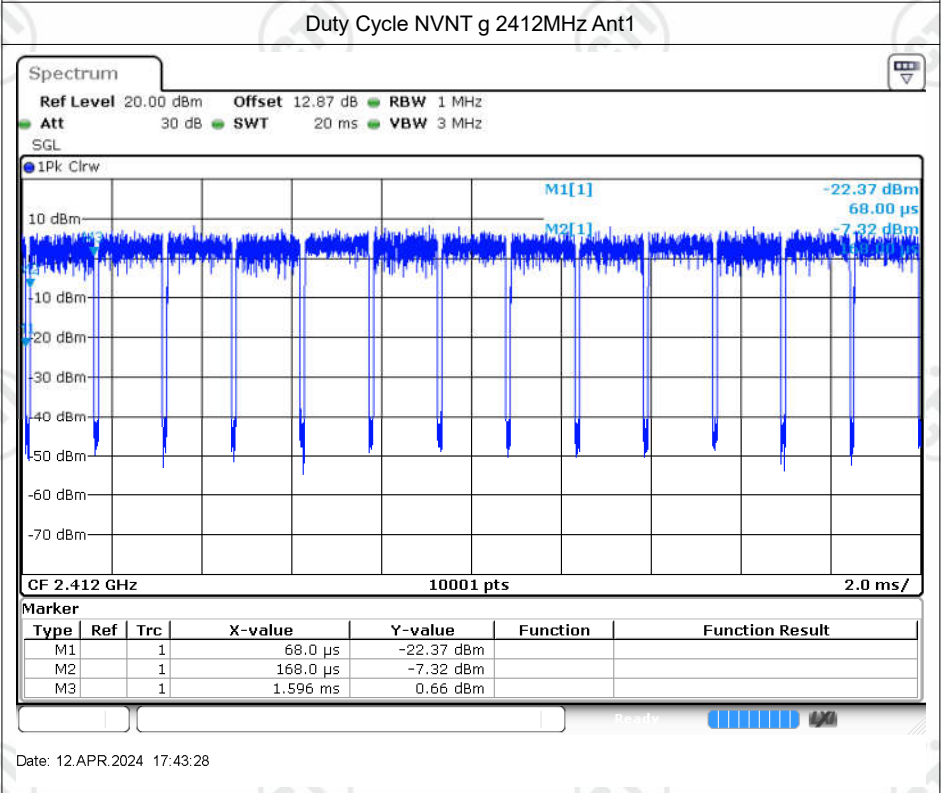
Date: 12.APR.2024 17:35:03



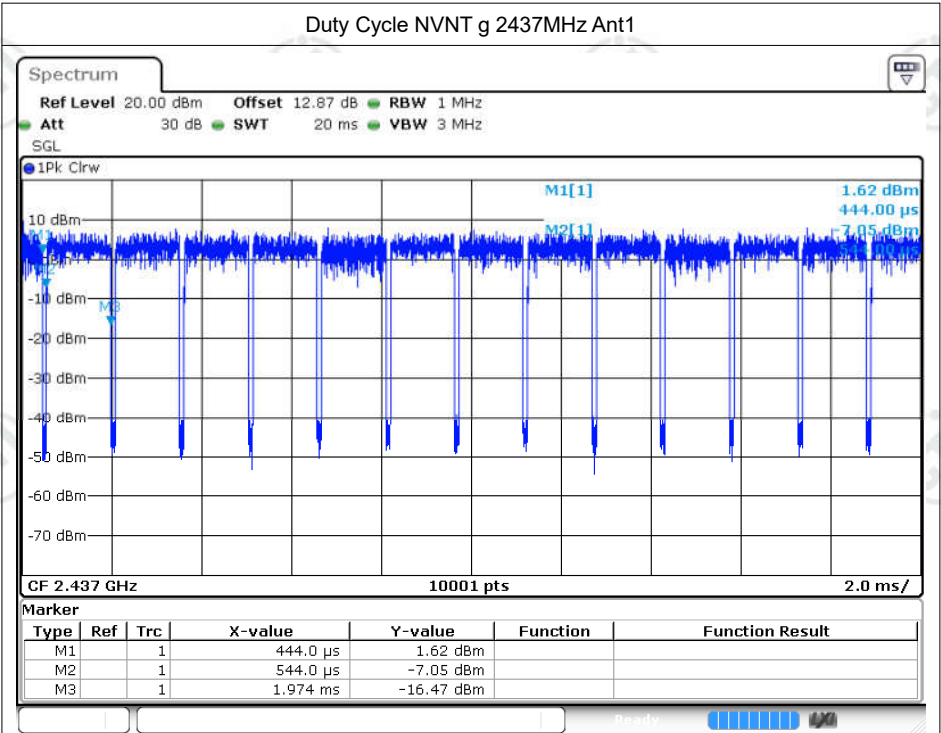
Date: 12.APR.2024 17:36:39



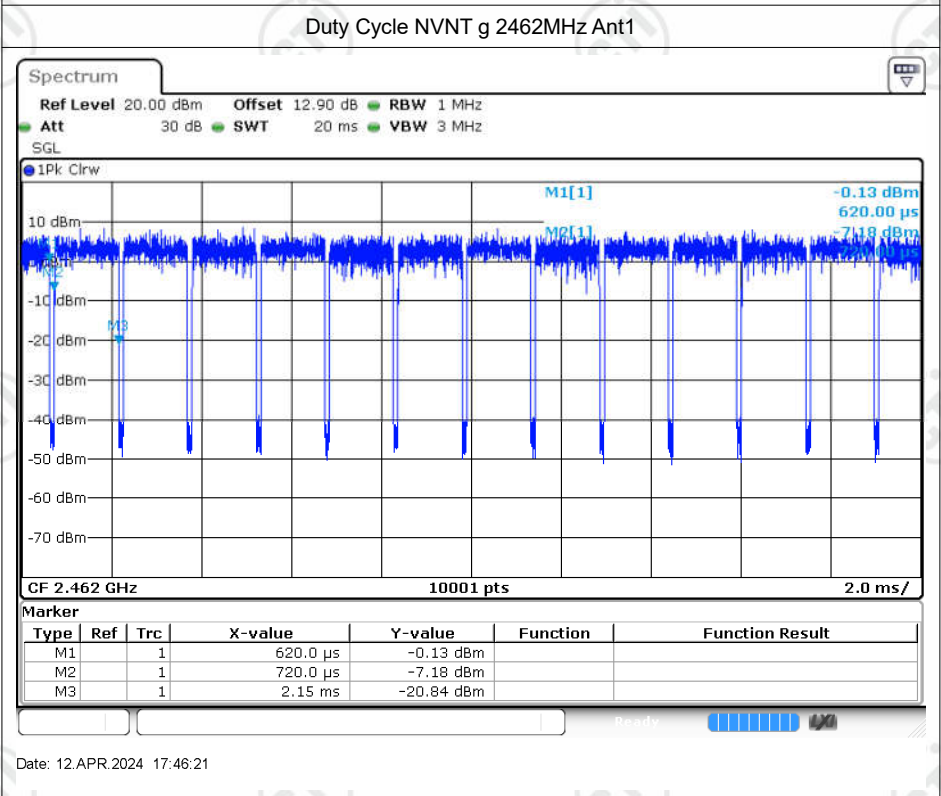
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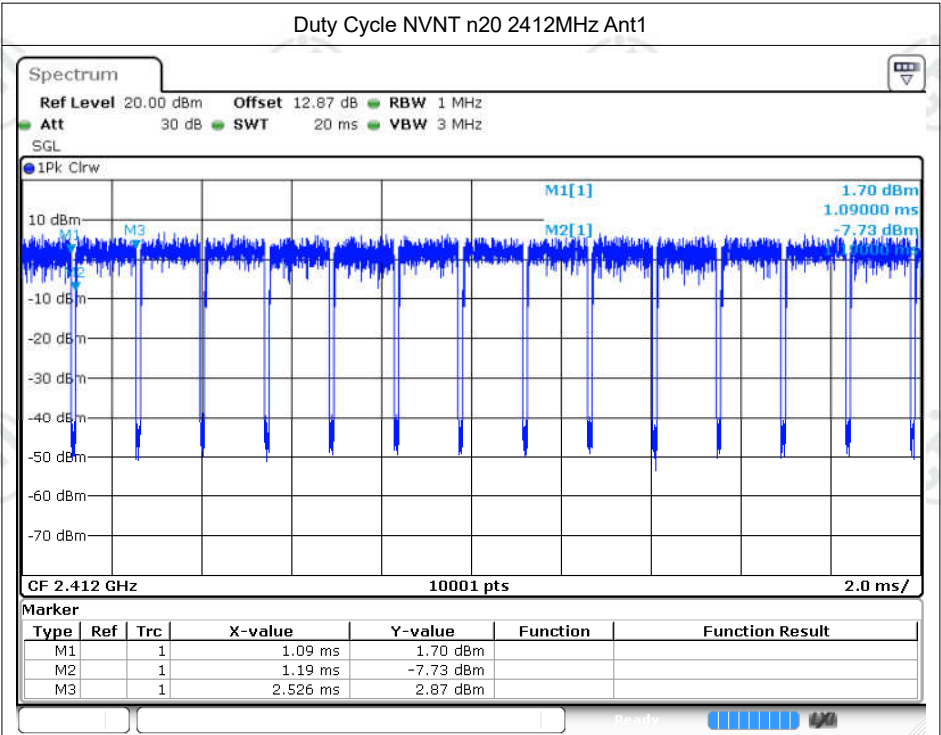
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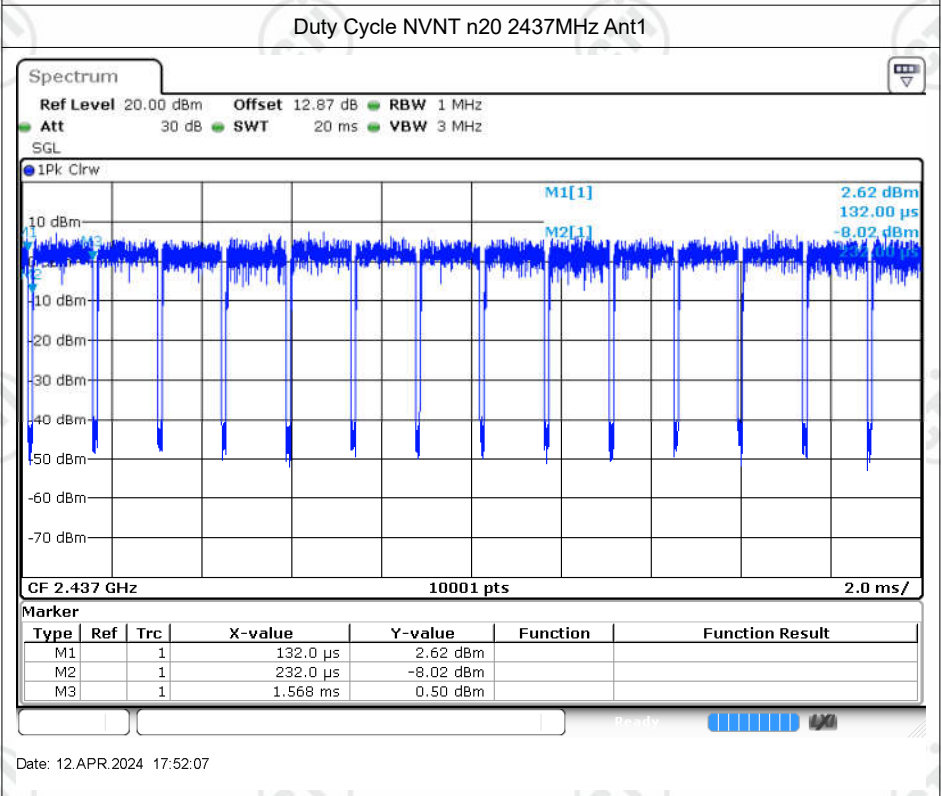
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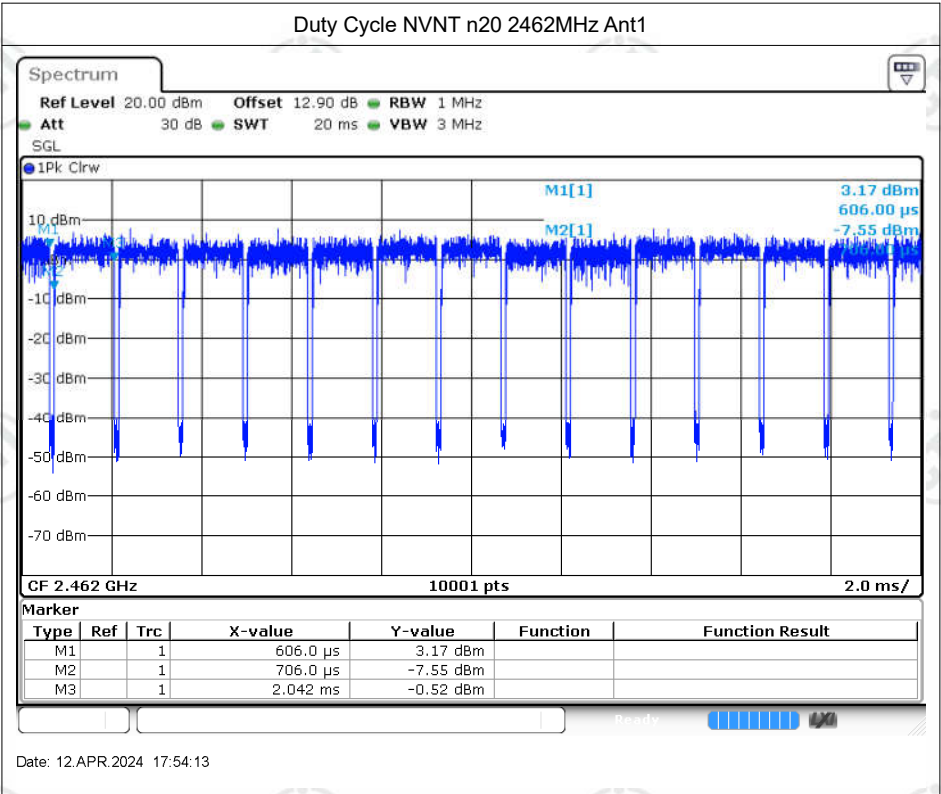
Date: 12.APR.2024 17:46:21



Date: 12.APR.2024 17:48:55



Date: 12.APR.2024 17:52:07

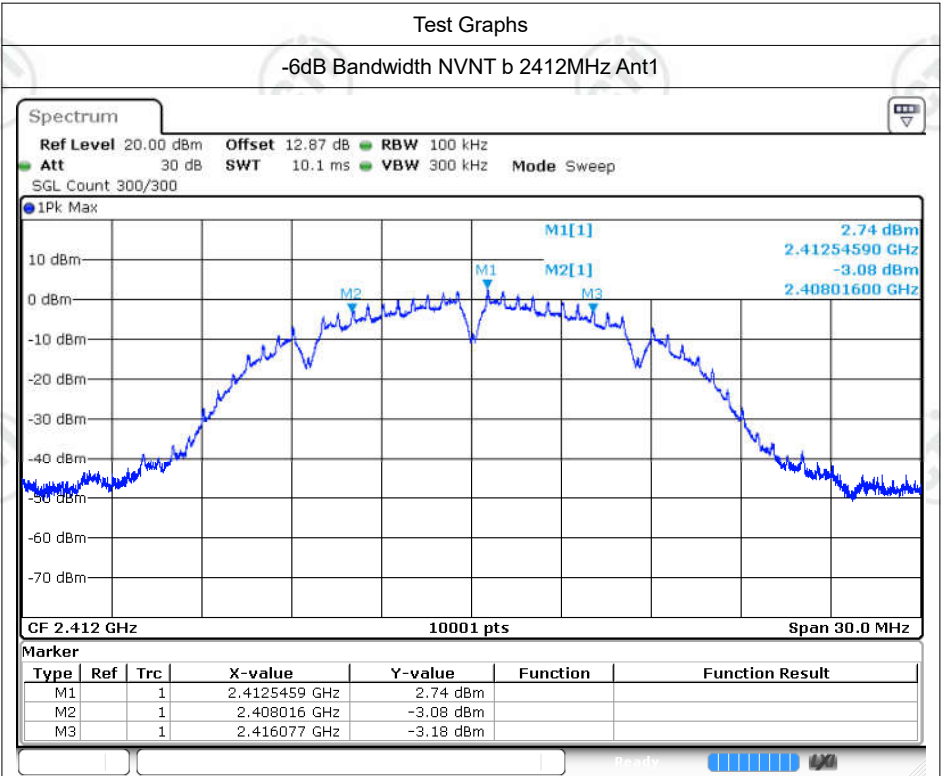


Maximum Peak Conducted Output Power

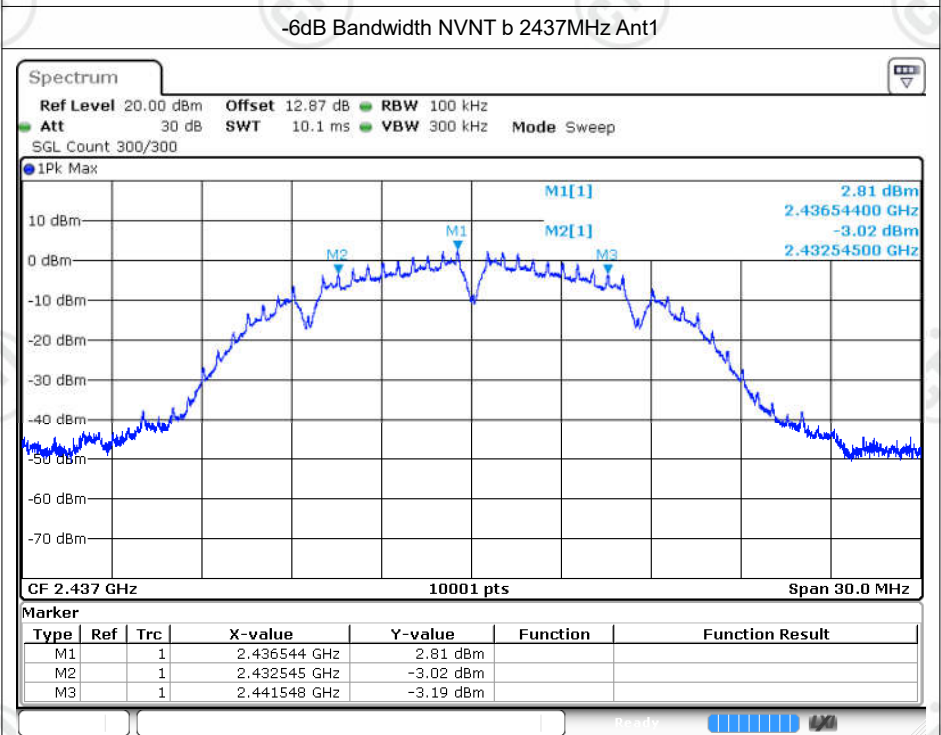
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	12.4	30	Pass
NVNT	b	2437	Ant1	12.45	30	Pass
NVNT	b	2462	Ant1	12.18	30	Pass
NVNT	g	2412	Ant1	12.92	30	Pass
NVNT	g	2437	Ant1	12.85	30	Pass
NVNT	g	2462	Ant1	12.8	30	Pass
NVNT	n20	2412	Ant1	11.93	30	Pass
NVNT	n20	2437	Ant1	12	30	Pass
NVNT	n20	2462	Ant1	11.85	30	Pass

-6dB Bandwidth

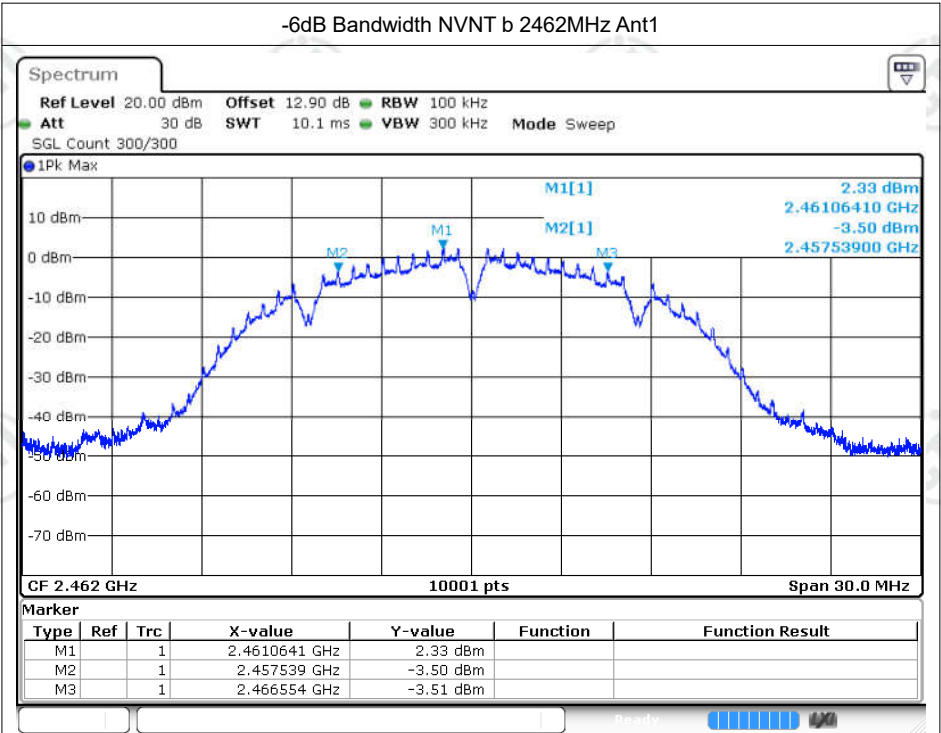
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.061	0.5	Pass
NVNT	b	2437	Ant1	9.003	0.5	Pass
NVNT	b	2462	Ant1	9.015	0.5	Pass
NVNT	g	2412	Ant1	15.093	0.5	Pass
NVNT	g	2437	Ant1	15.093	0.5	Pass
NVNT	g	2462	Ant1	15.105	0.5	Pass
NVNT	n20	2412	Ant1	15.114	0.5	Pass
NVNT	n20	2437	Ant1	15.099	0.5	Pass
NVNT	n20	2462	Ant1	15.075	0.5	Pass



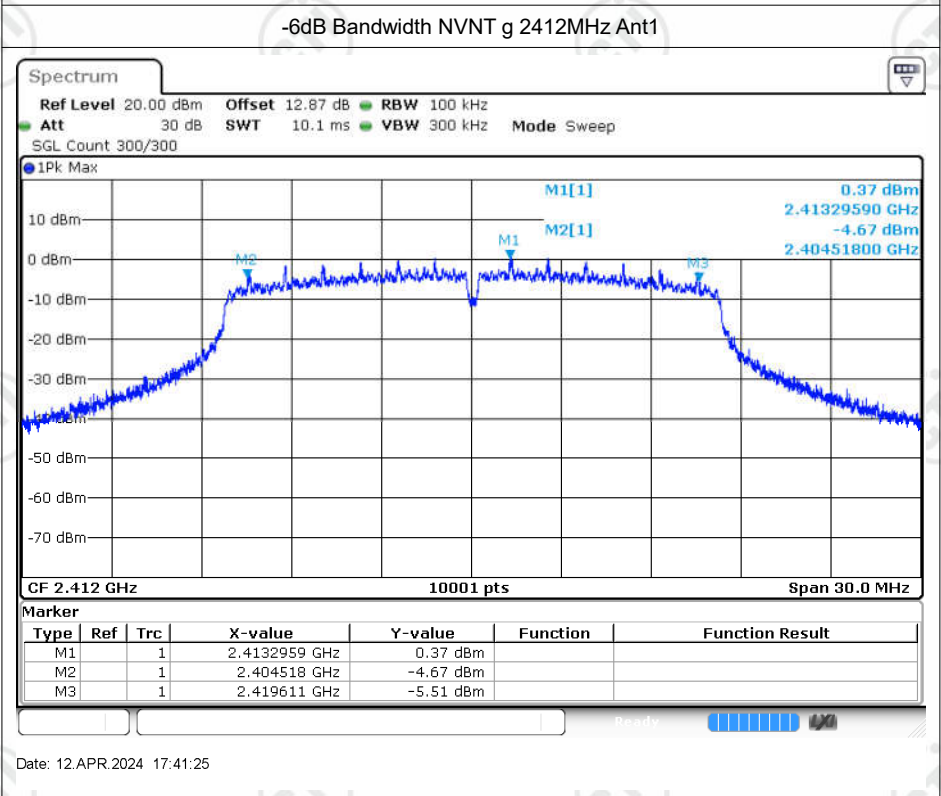
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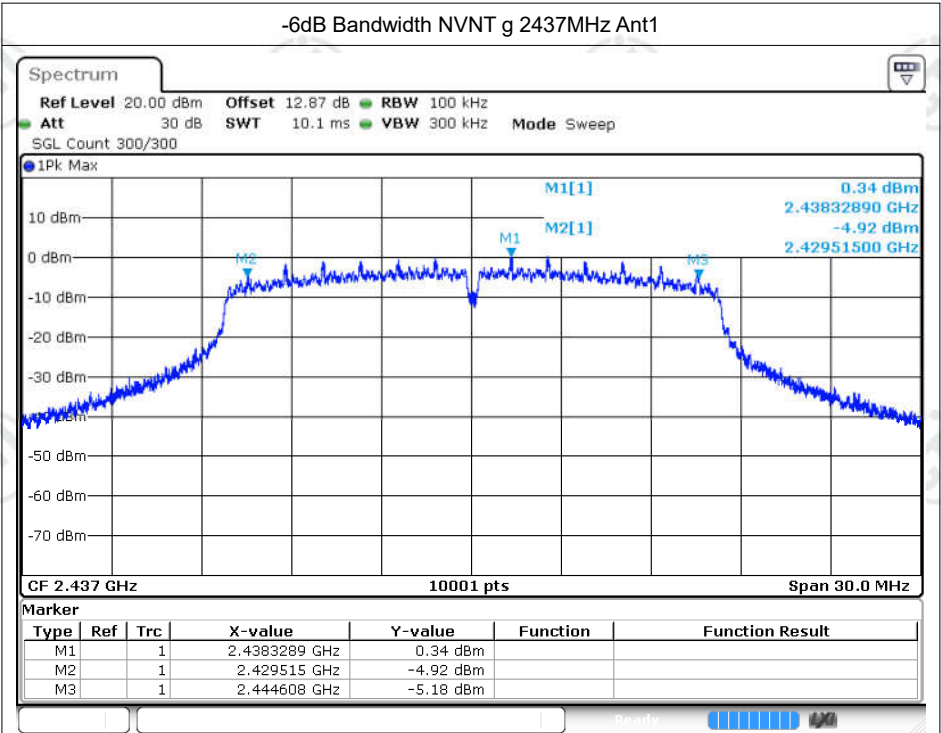
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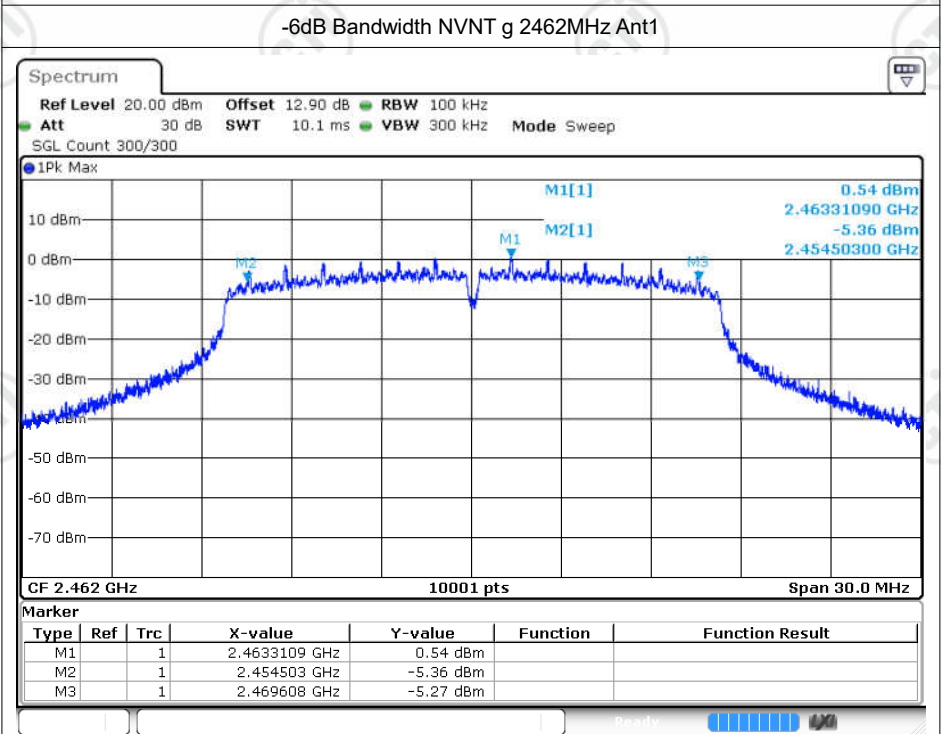
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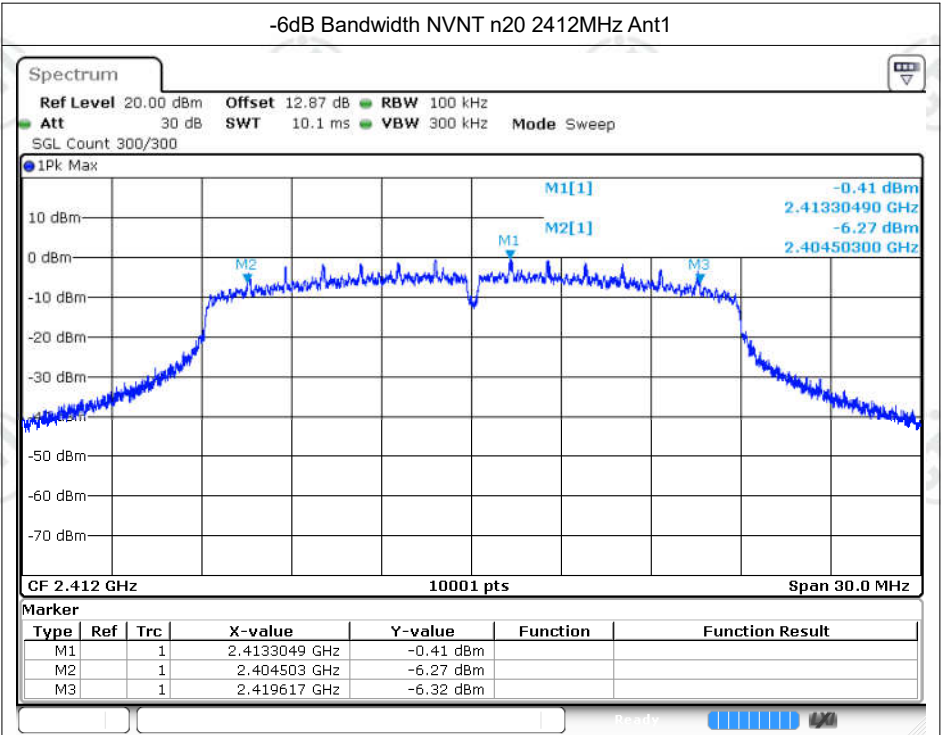
Date: 12.APR.2024 17:41:25



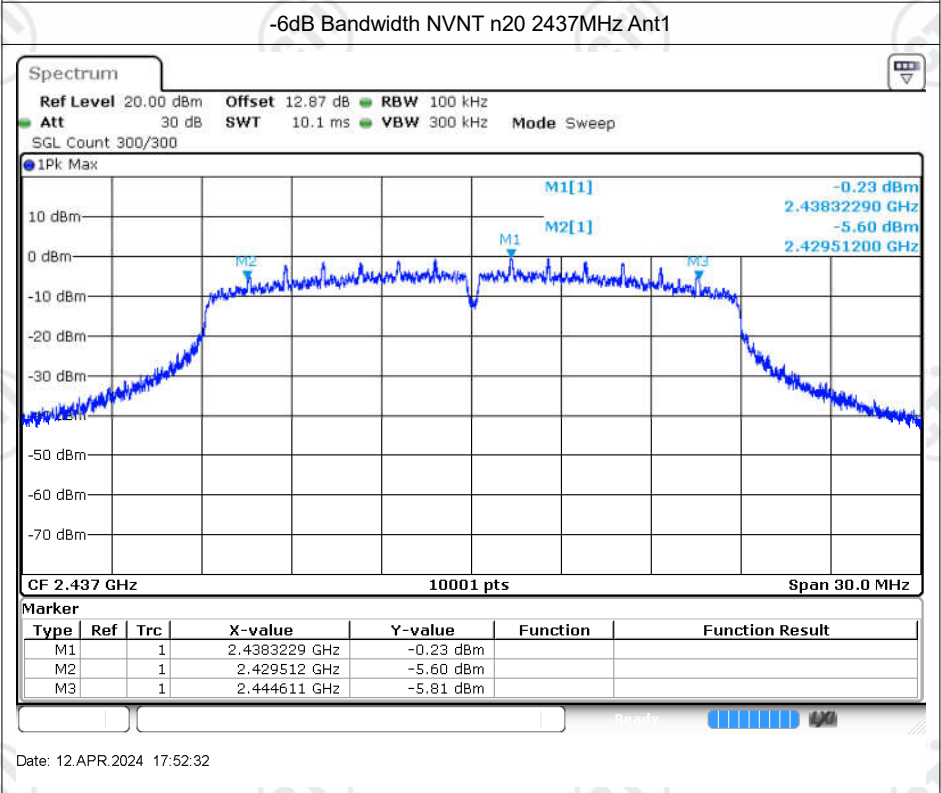
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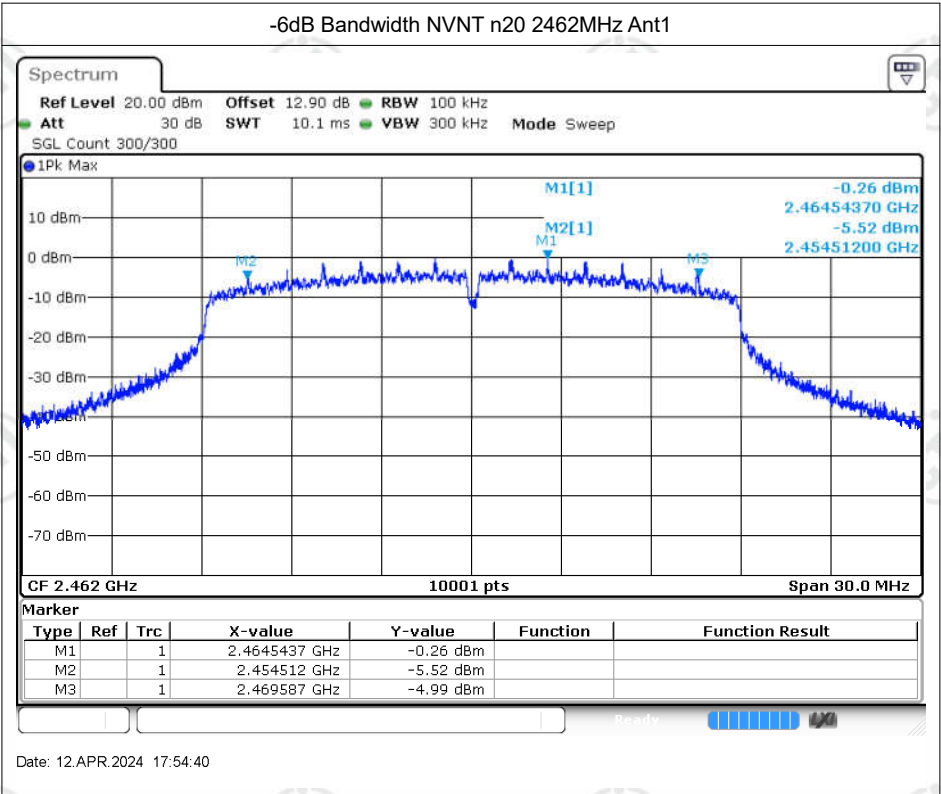
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Date: 12.APR.2024 17:49:19

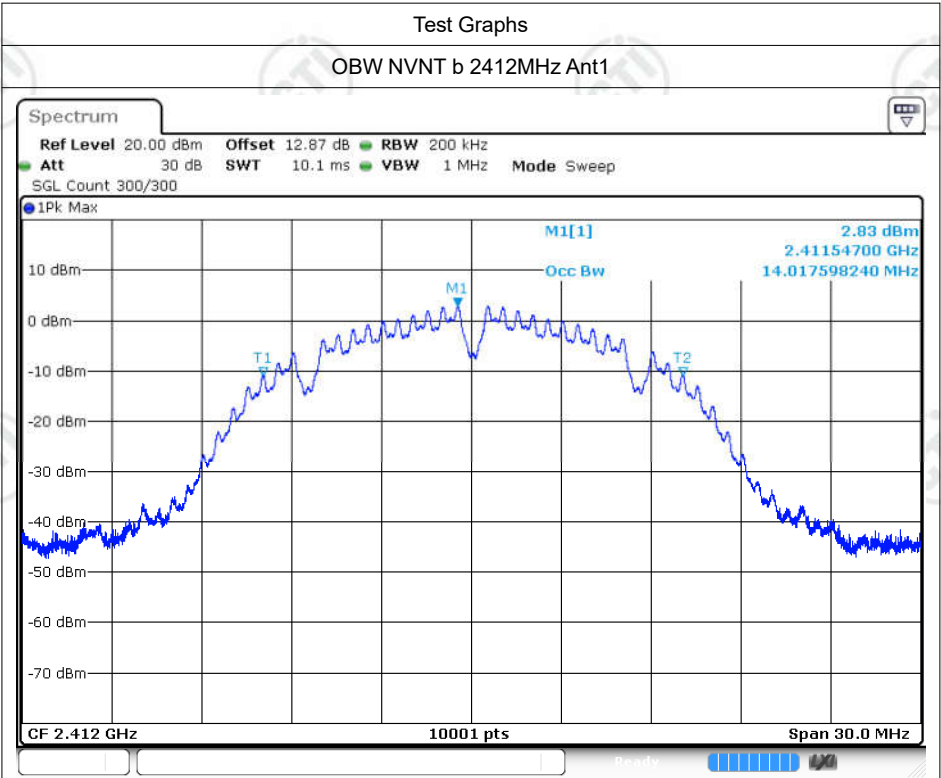


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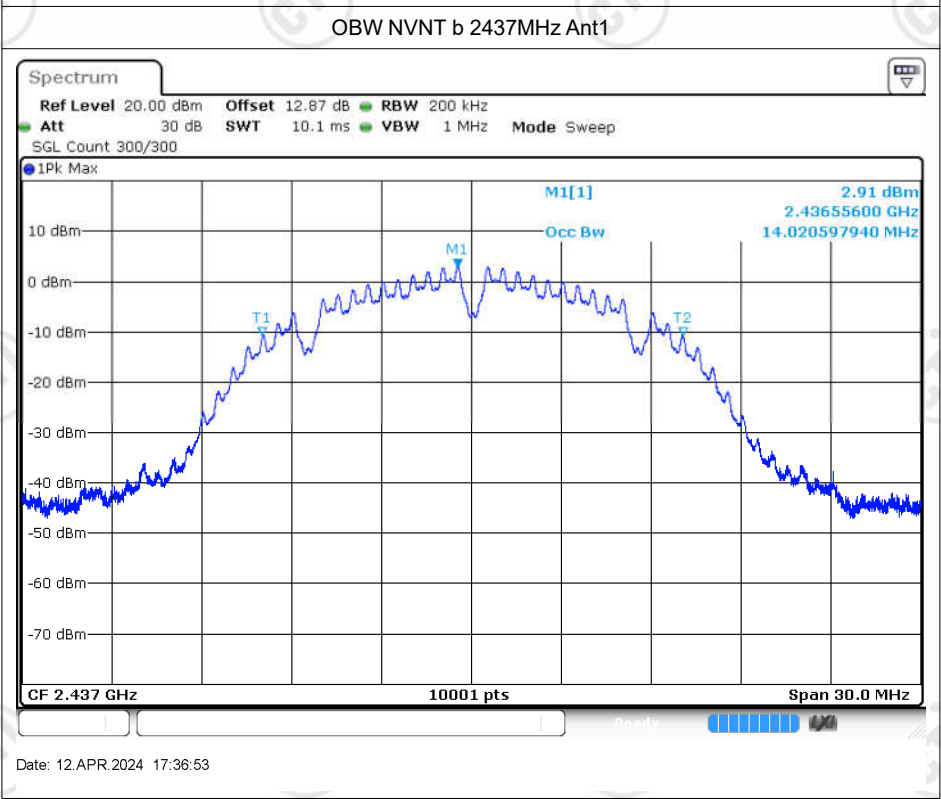


Occupied Channel Bandwidth

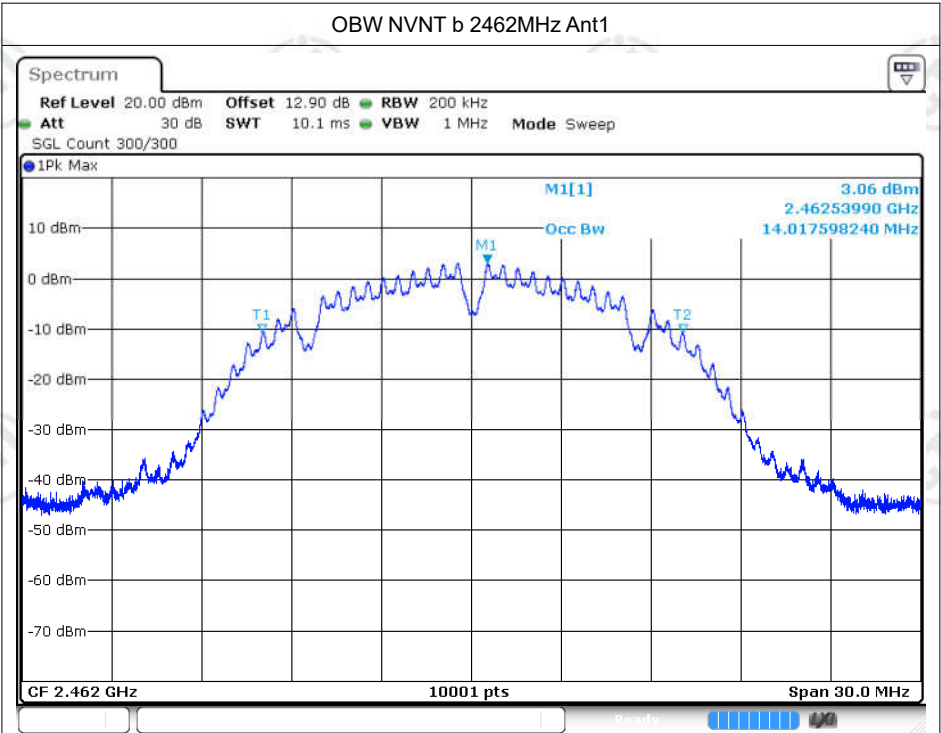
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.018
NVNT	b	2437	Ant1	14.021
NVNT	b	2462	Ant1	14.018
NVNT	g	2412	Ant1	16.309
NVNT	g	2437	Ant1	16.312
NVNT	g	2462	Ant1	16.309
NVNT	n20	2412	Ant1	17.44
NVNT	n20	2437	Ant1	17.443
NVNT	n20	2462	Ant1	17.446



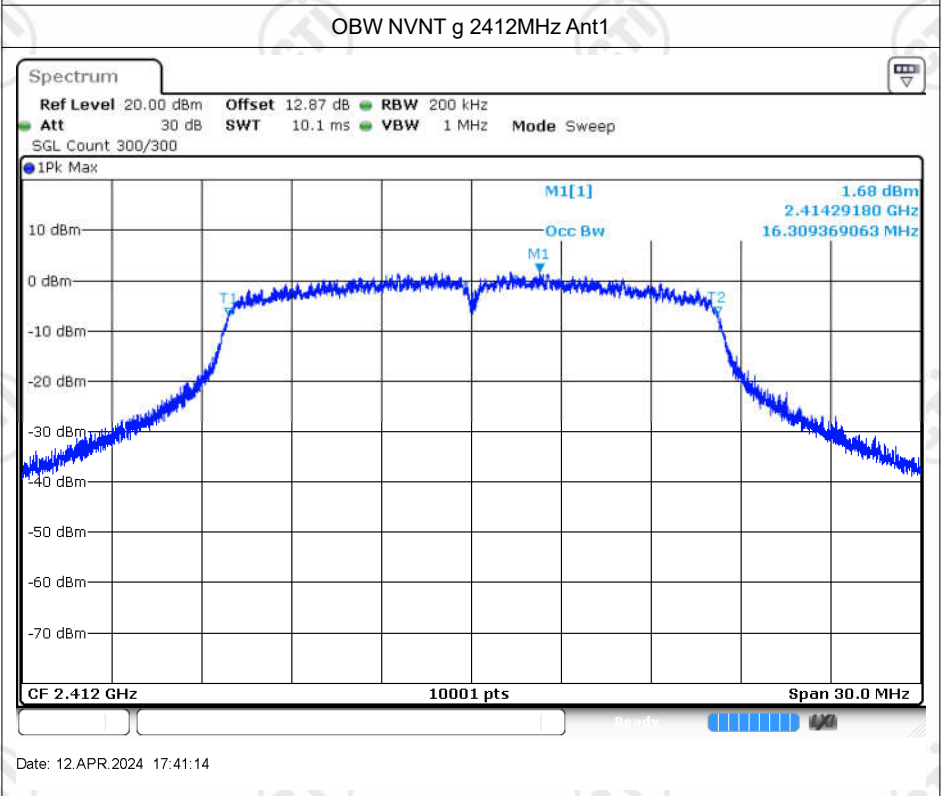
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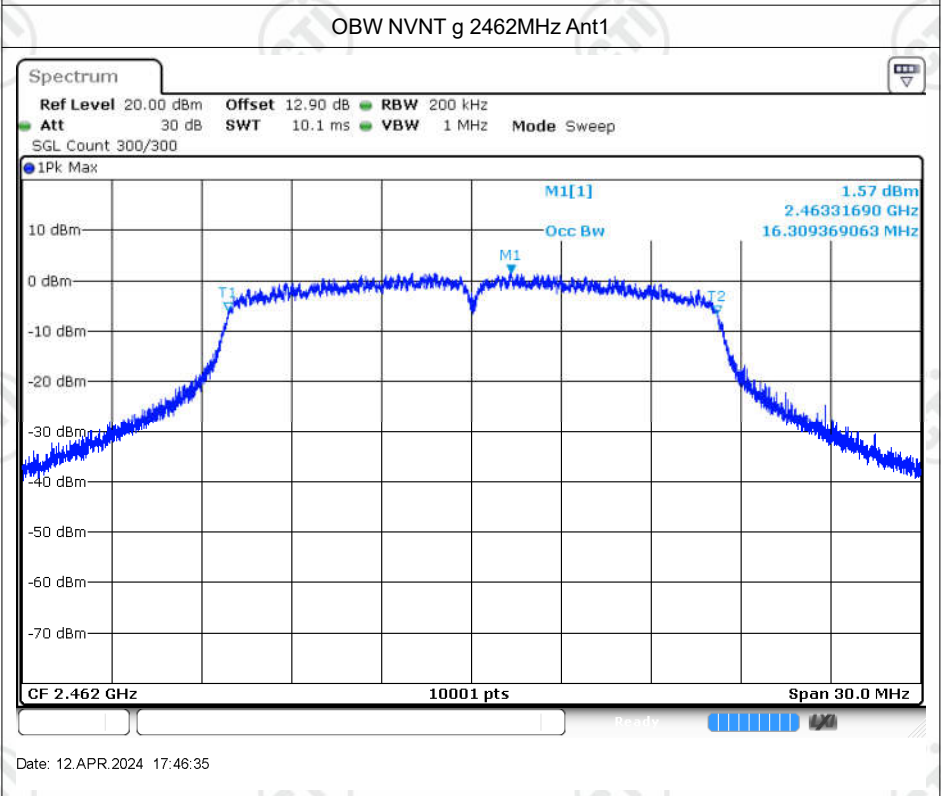
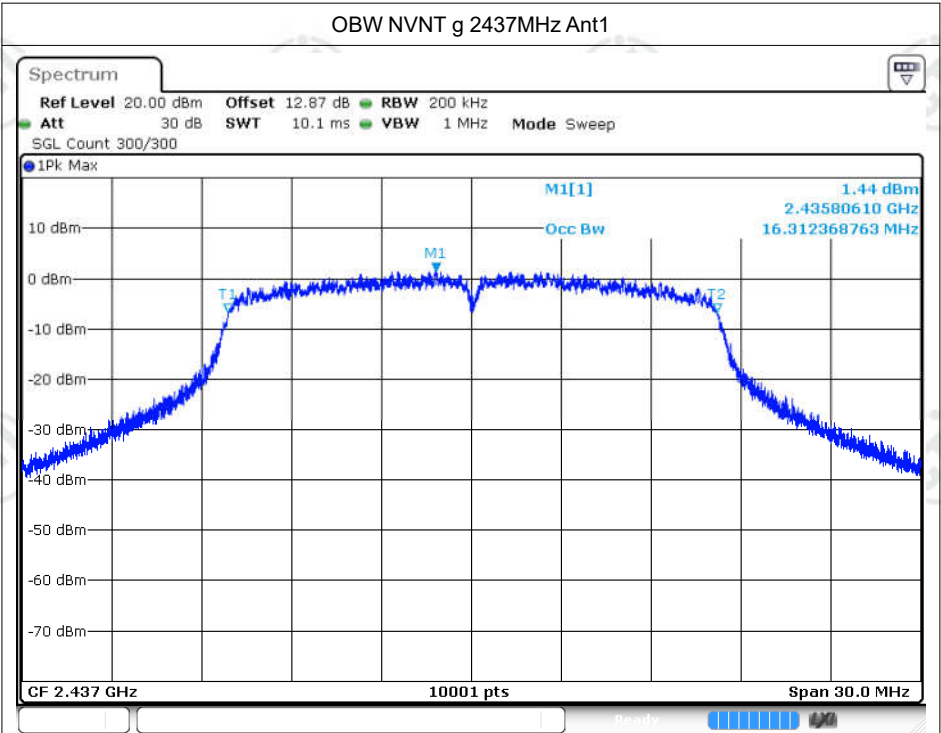
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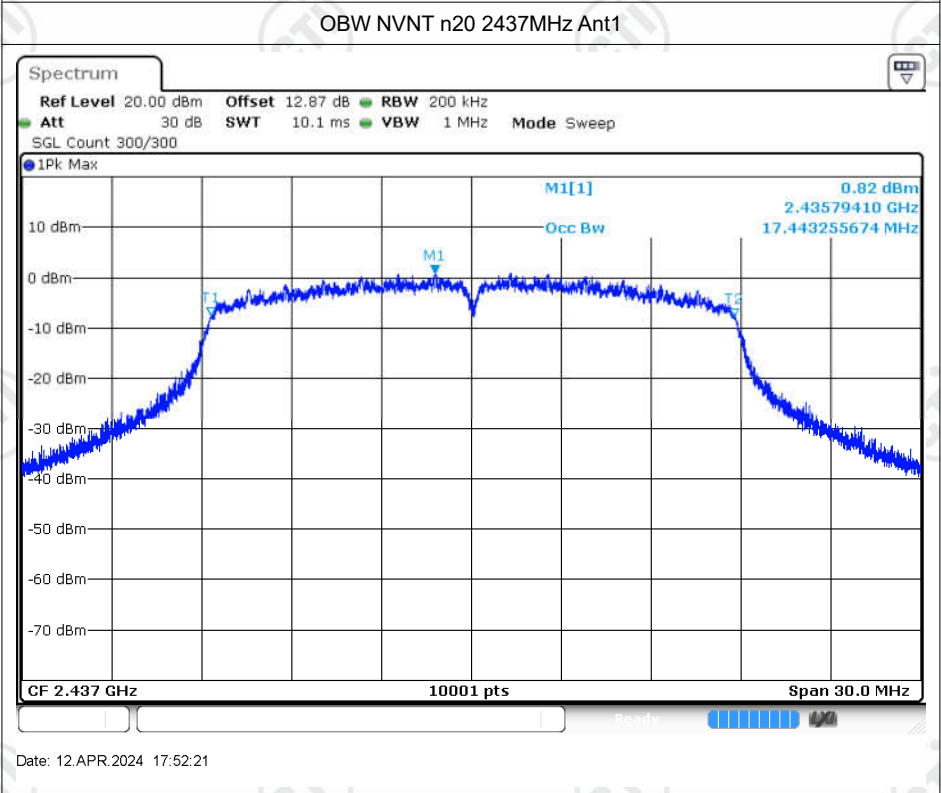
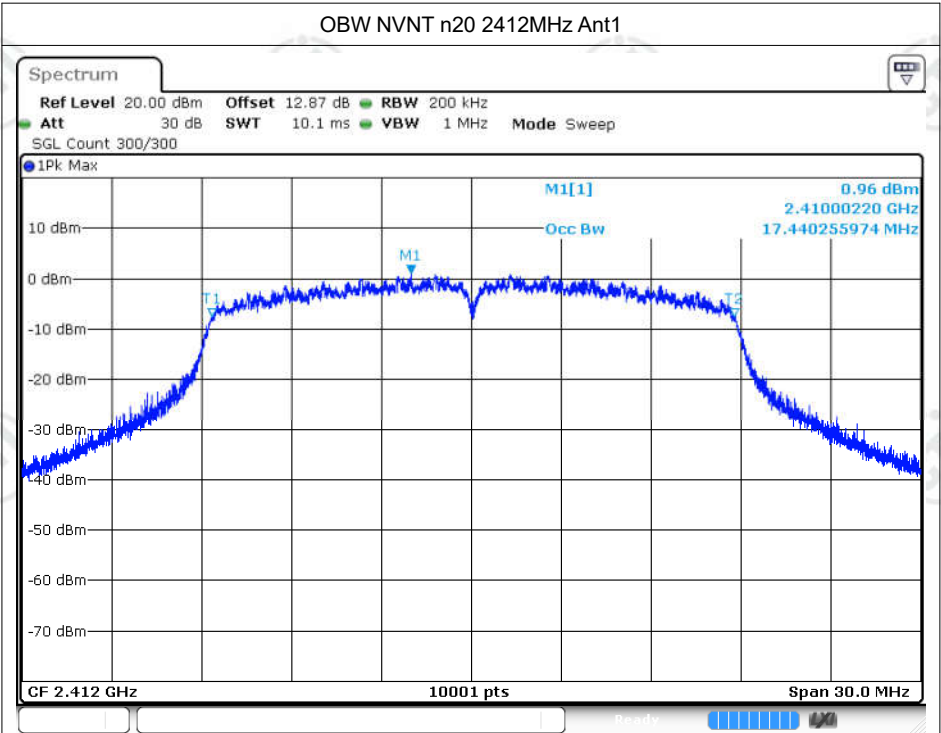


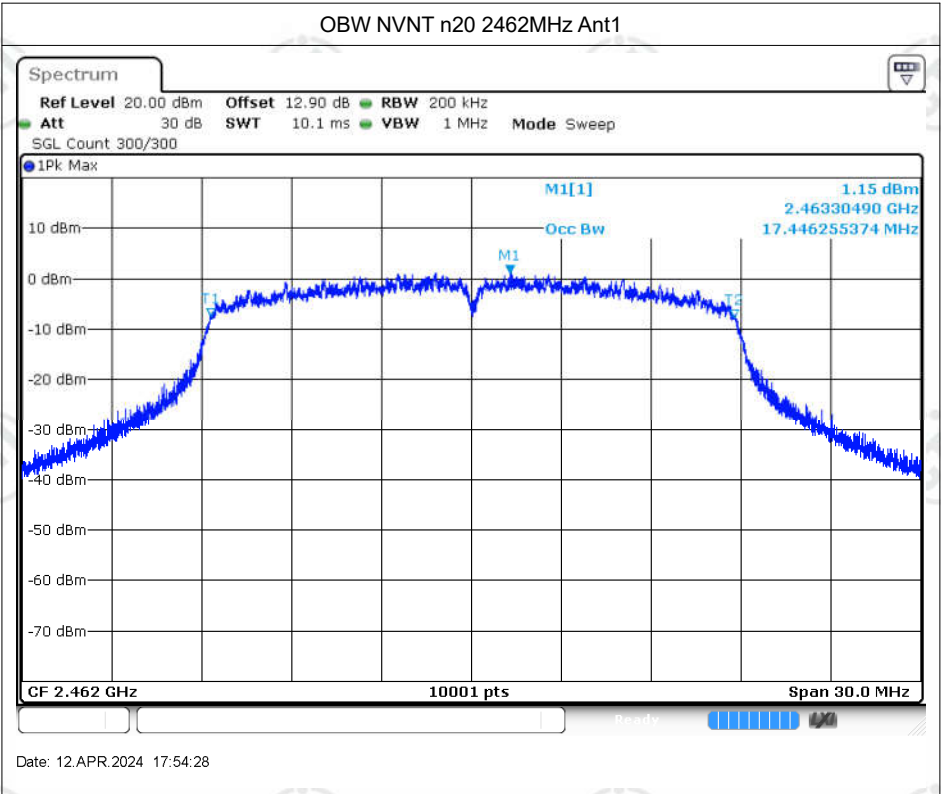
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Date: 12.APR.2024 17:41:14

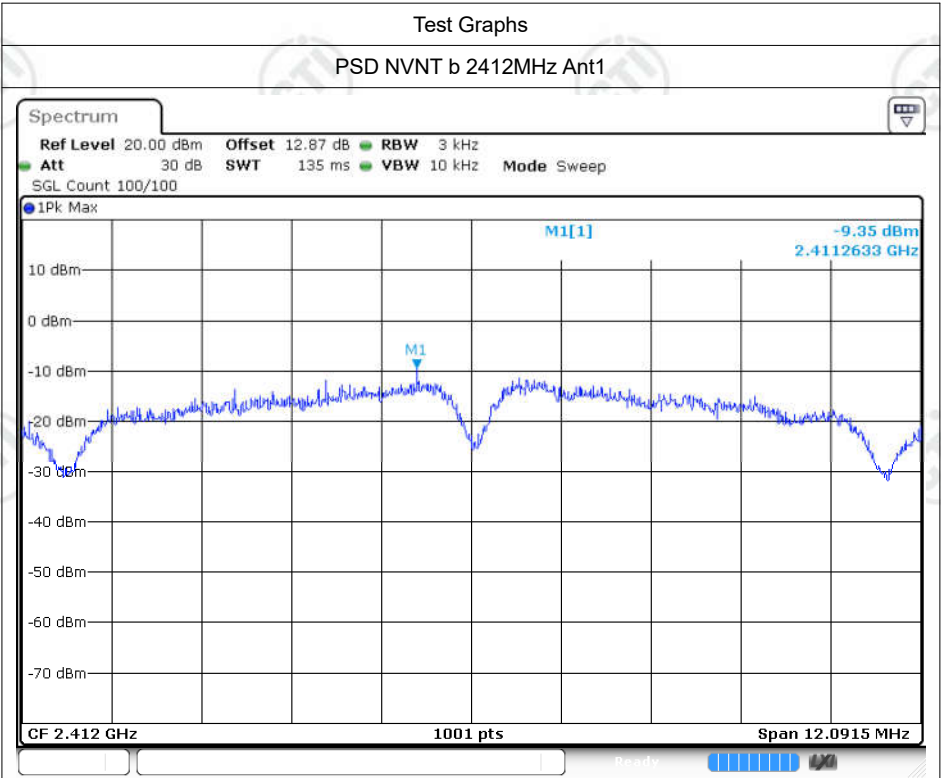




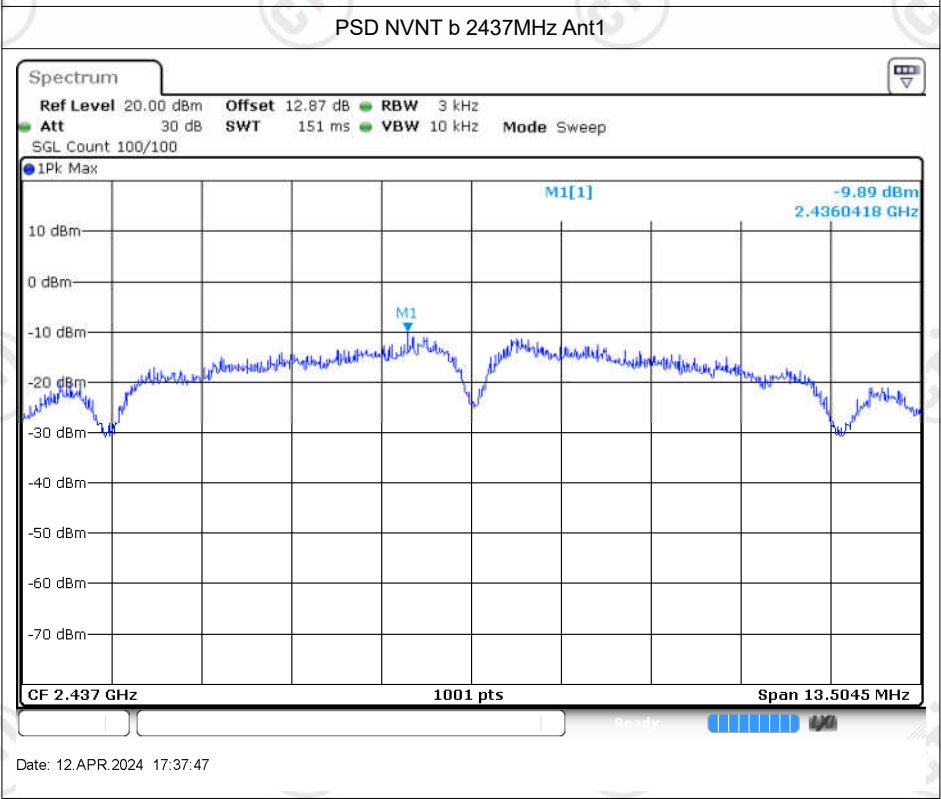


Maximum Power Spectral Density Level

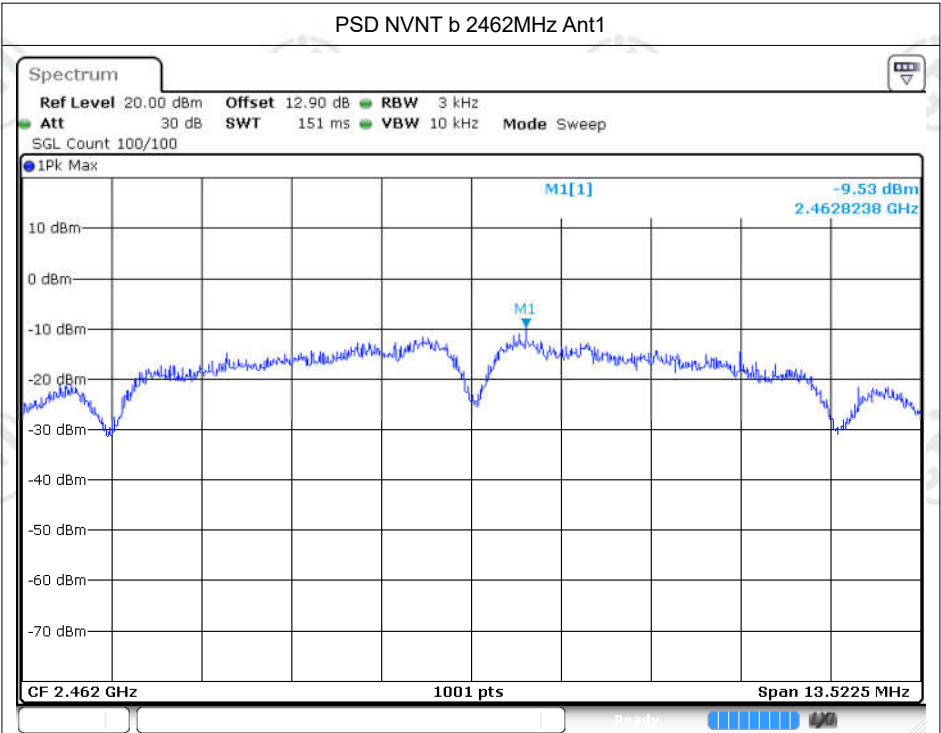
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-9.35	8	Pass
NVNT	b	2437	Ant1	-9.89	8	Pass
NVNT	b	2462	Ant1	-9.53	8	Pass
NVNT	g	2412	Ant1	-13.49	8	Pass
NVNT	g	2437	Ant1	-13.43	8	Pass
NVNT	g	2462	Ant1	-11.99	8	Pass
NVNT	n20	2412	Ant1	-13.37	8	Pass
NVNT	n20	2437	Ant1	-13.5	8	Pass
NVNT	n20	2462	Ant1	-12.88	8	Pass



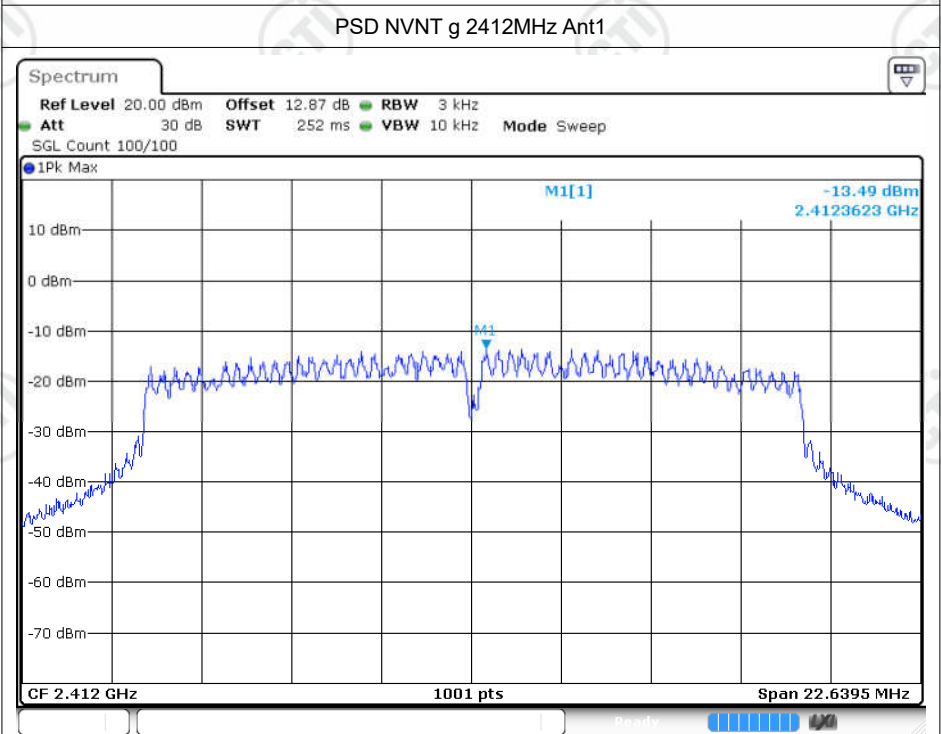
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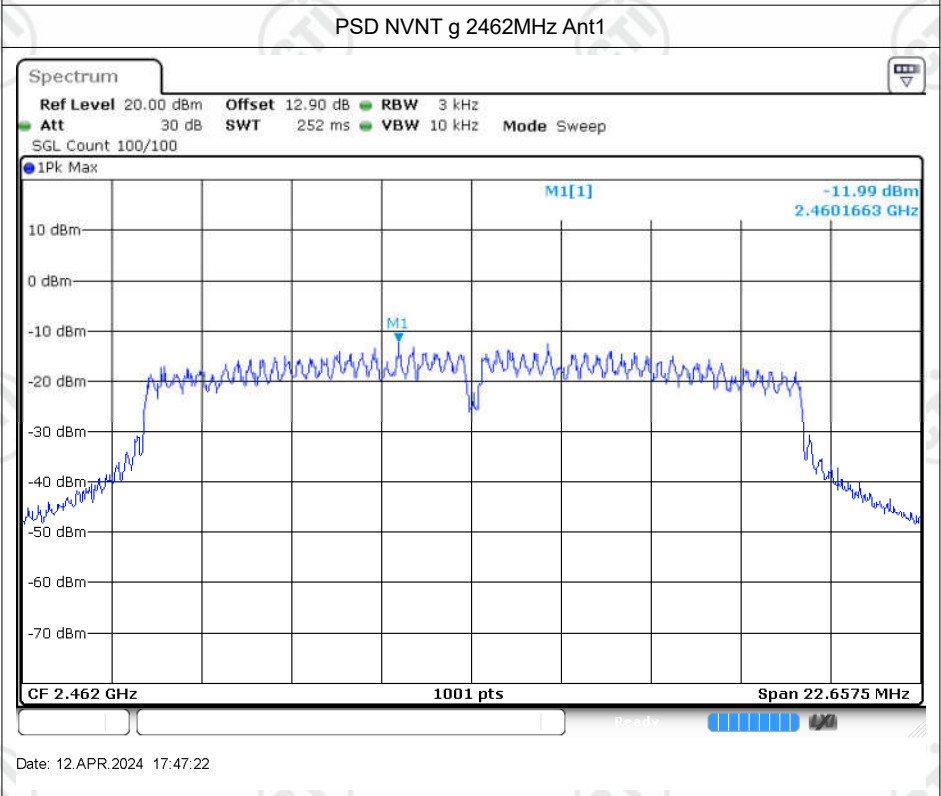
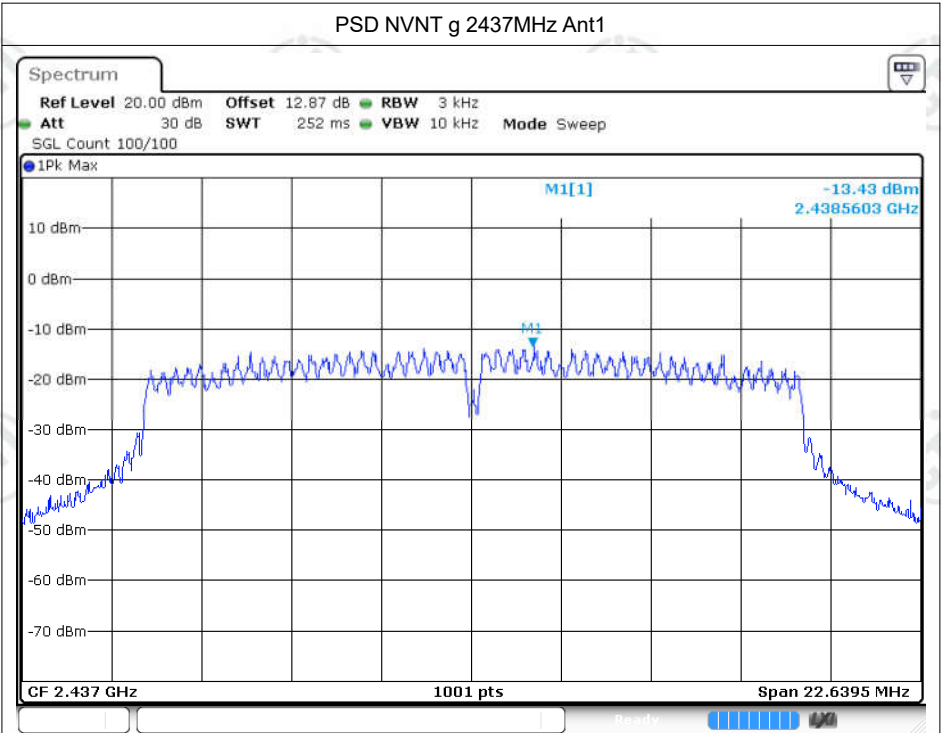
Date: 12.APR.2024 17:37:47

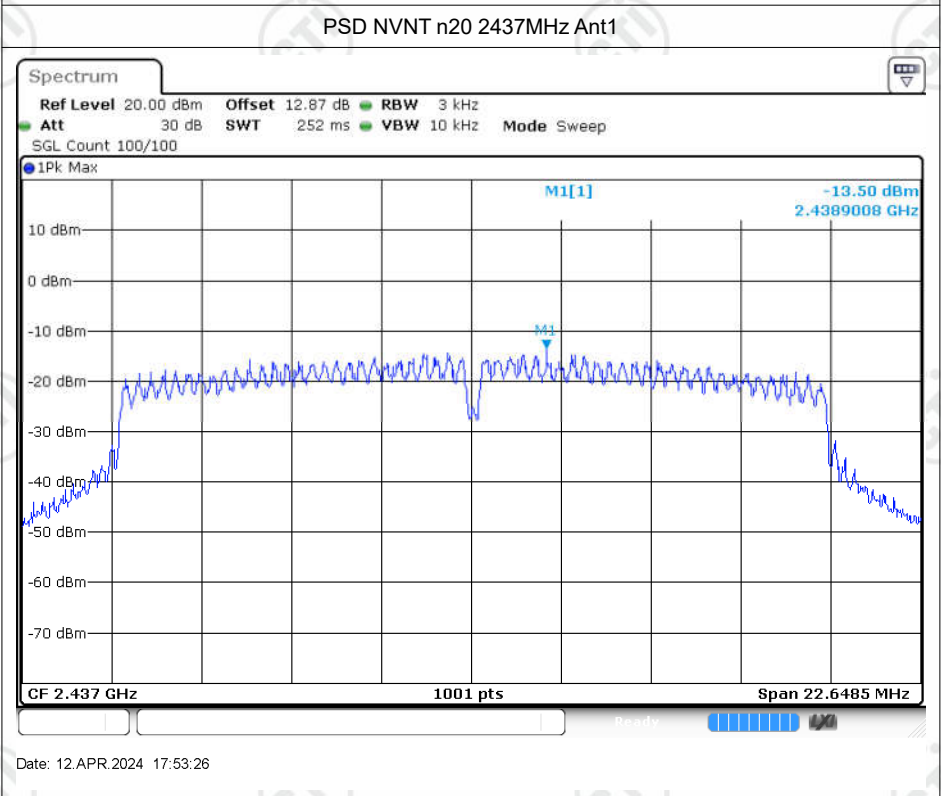
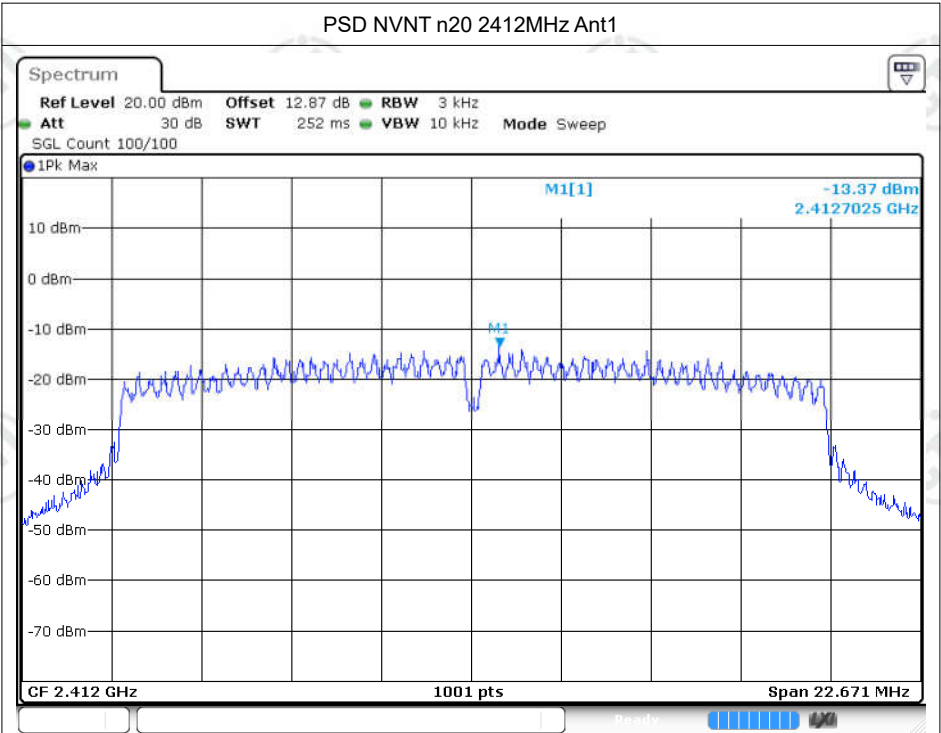


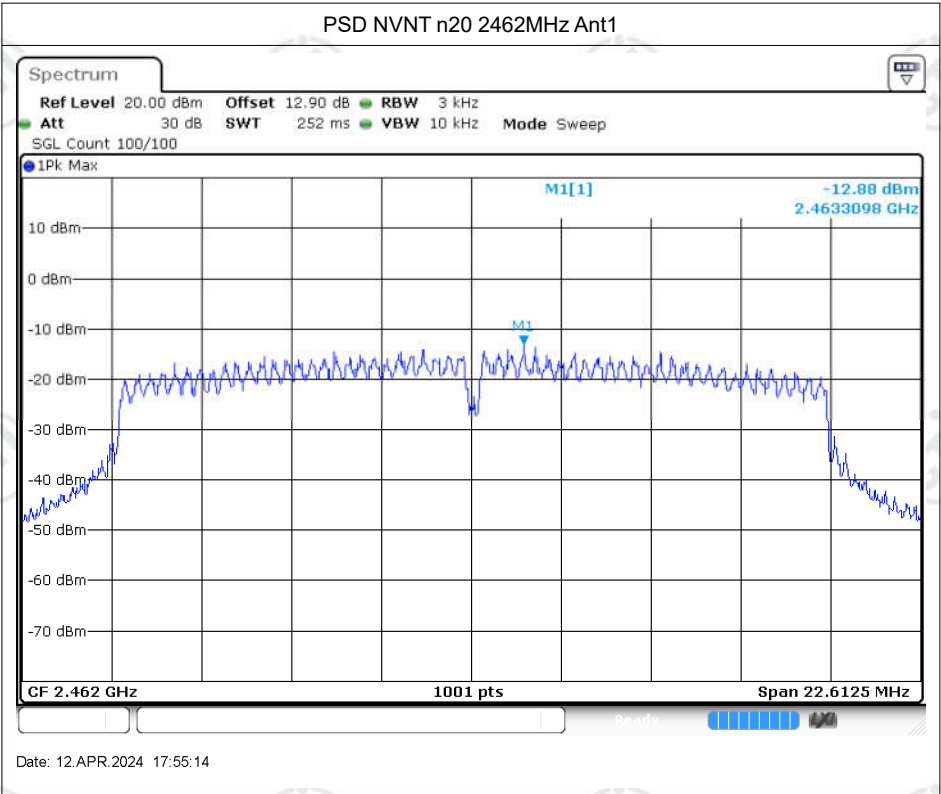
Date: 12.APR.2024 17:39:40



Date: 12.APR.2024 17:41:59

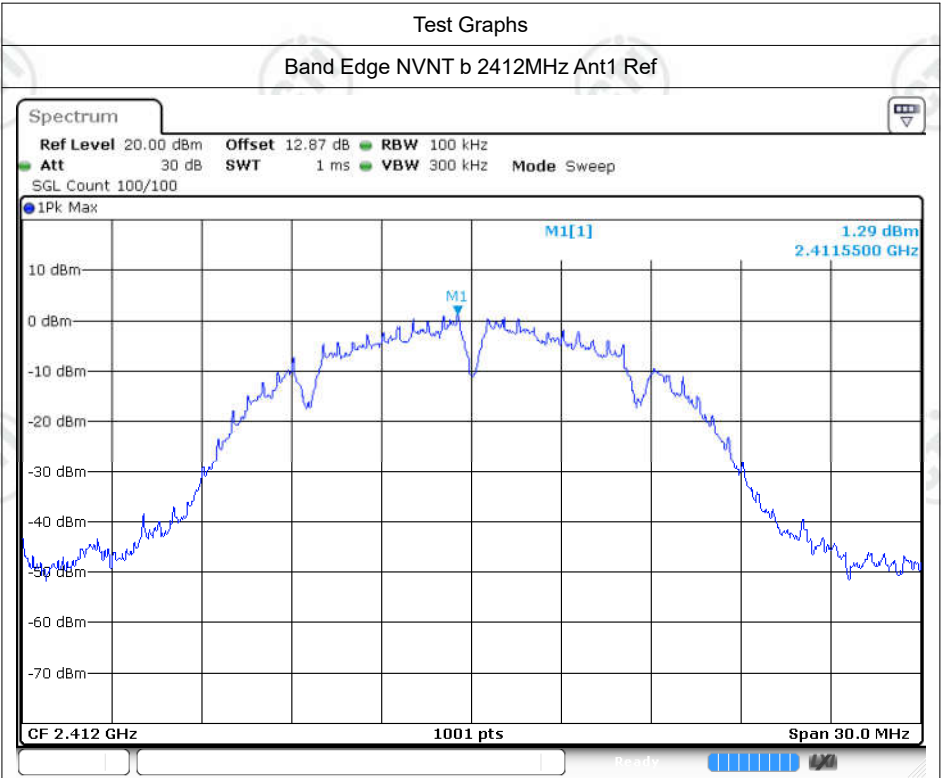




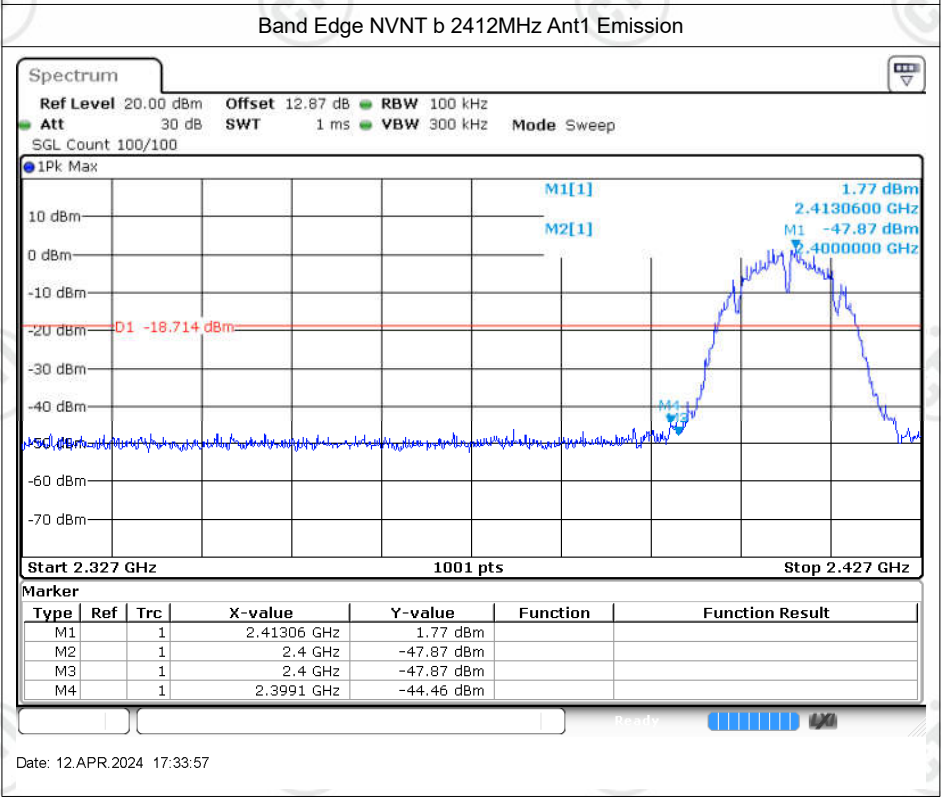


Band Edge

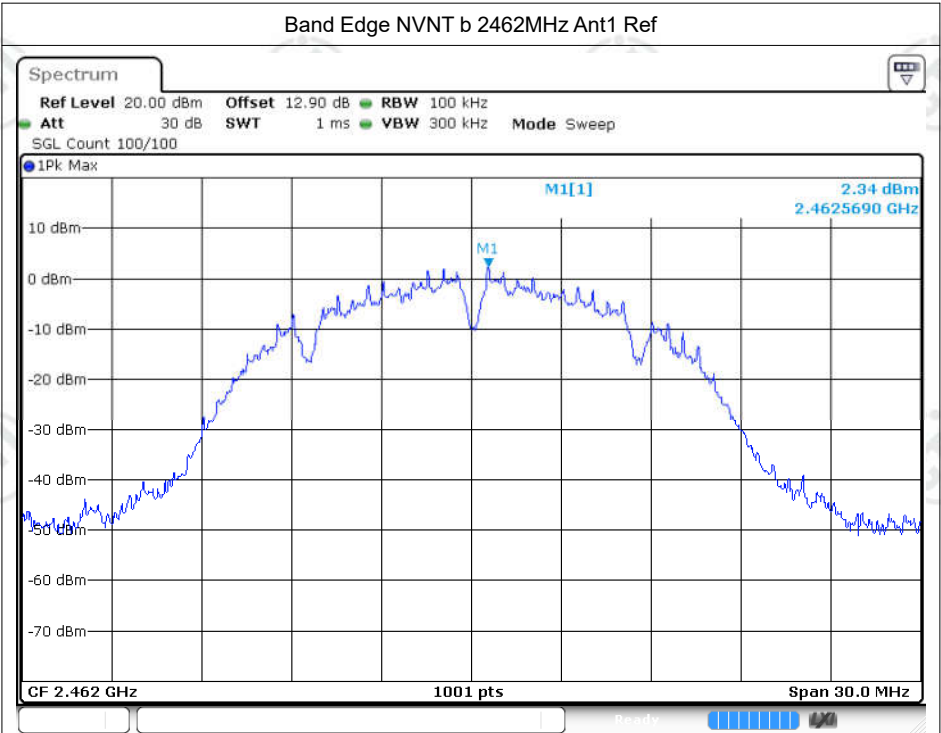
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-45.74	-20	Pass
NVNT	b	2462	Ant1	-49.61	-20	Pass
NVNT	g	2412	Ant1	-34.5	-20	Pass
NVNT	g	2462	Ant1	-44.99	-20	Pass
NVNT	n20	2412	Ant1	-34.86	-20	Pass
NVNT	n20	2462	Ant1	-44.64	-20	Pass



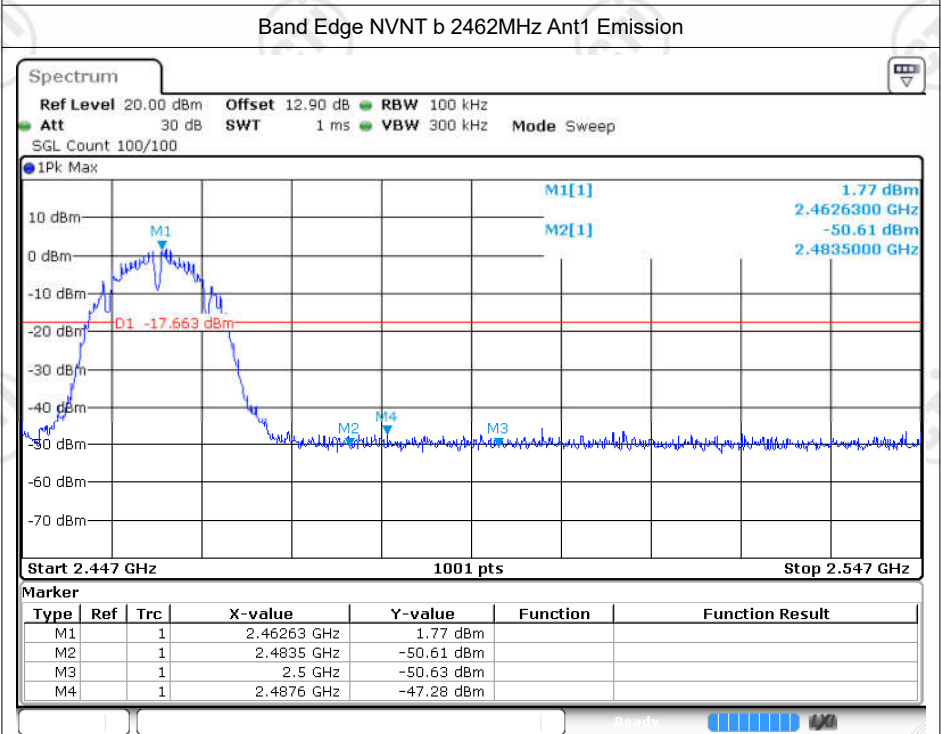
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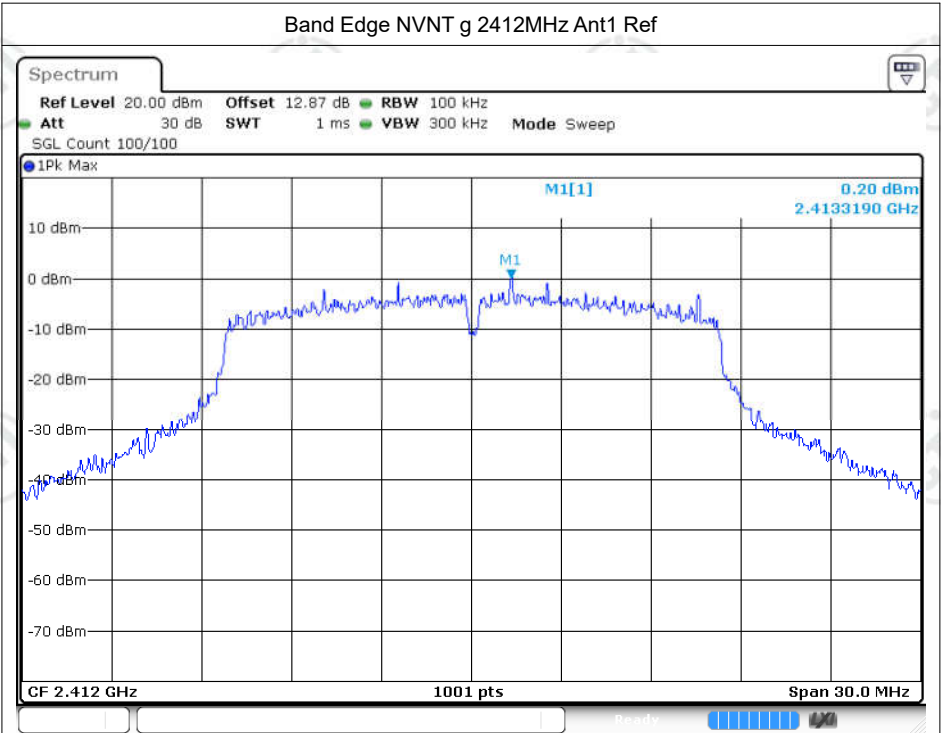
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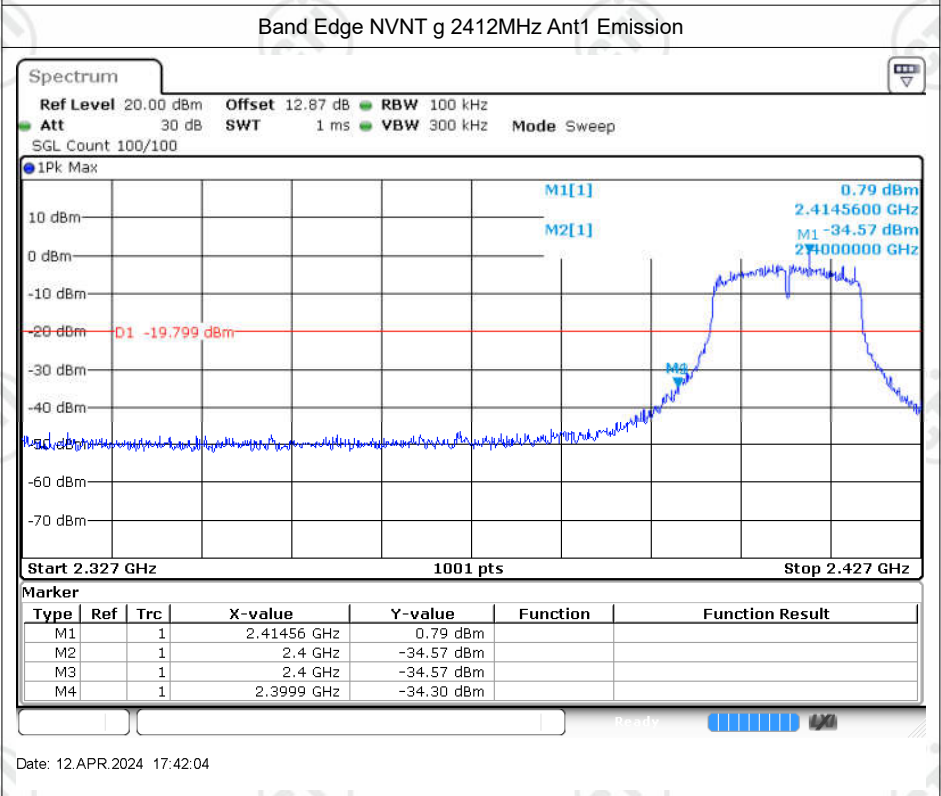
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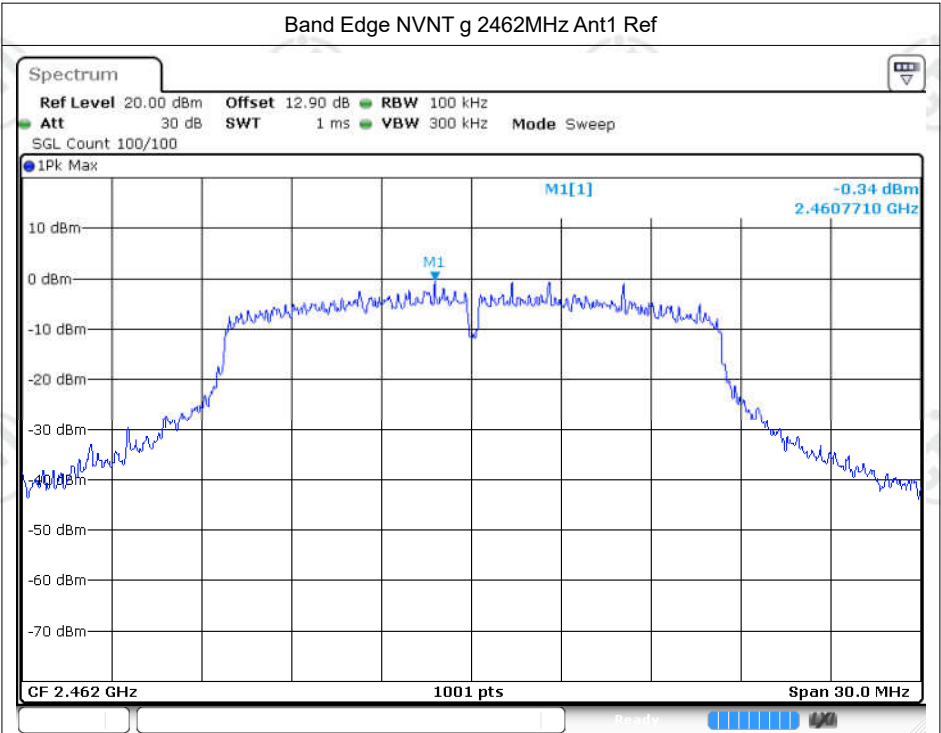
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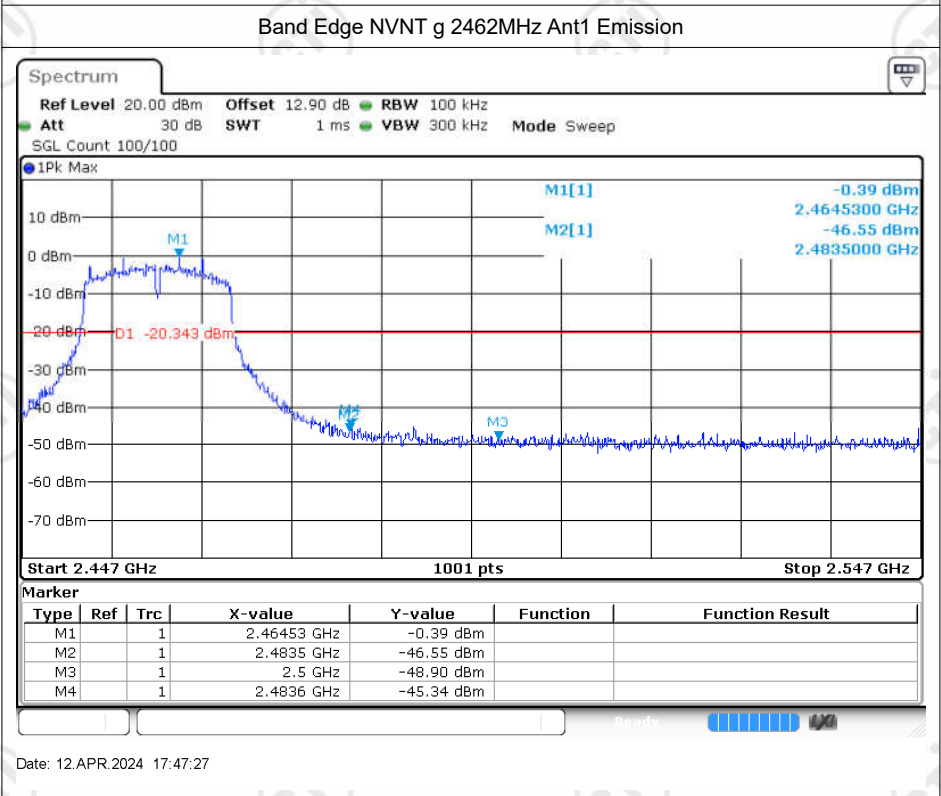
Date: 12.APR.2024 17:42:02



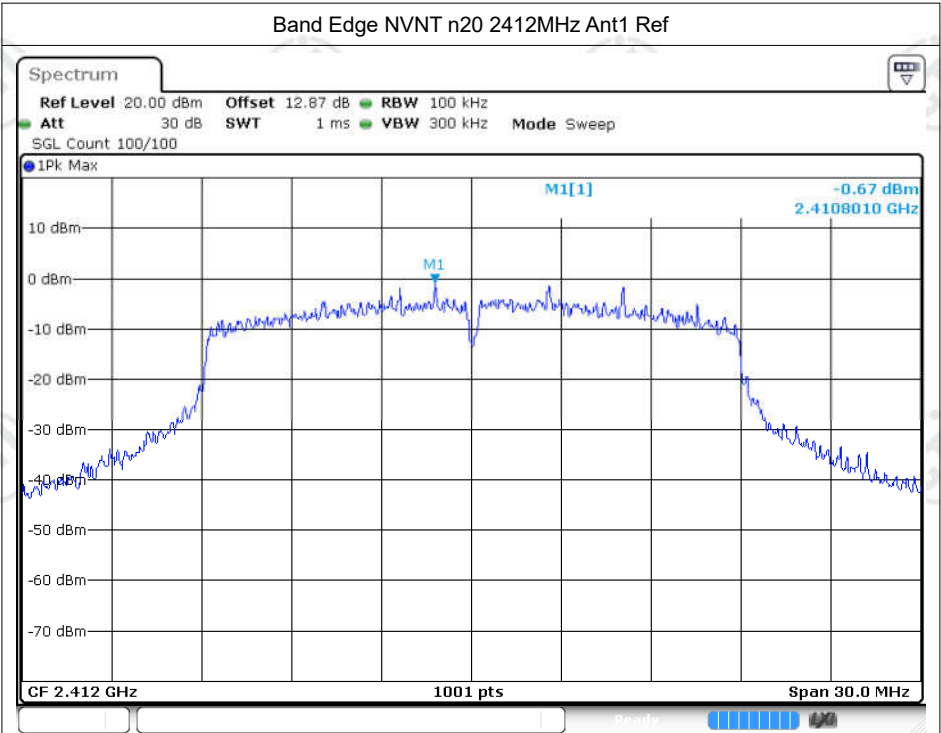
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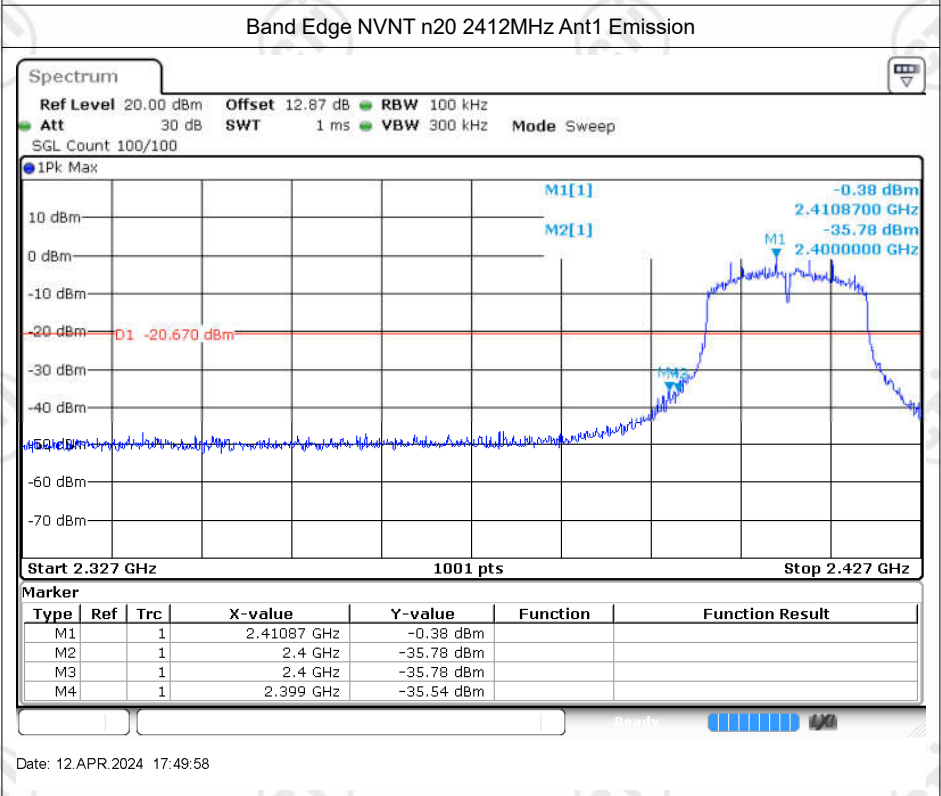
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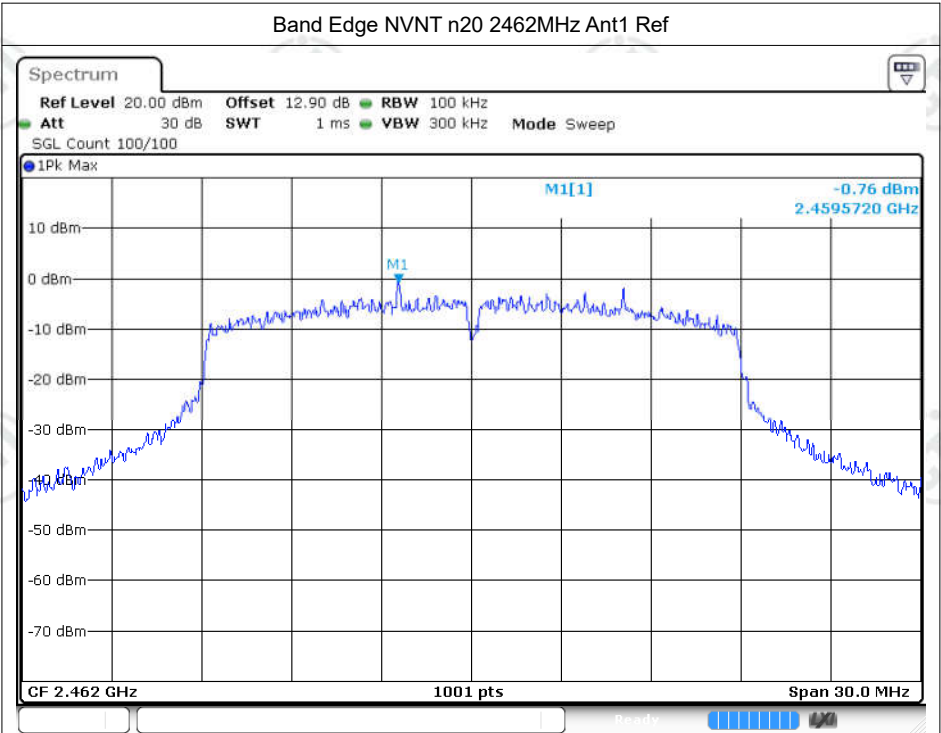
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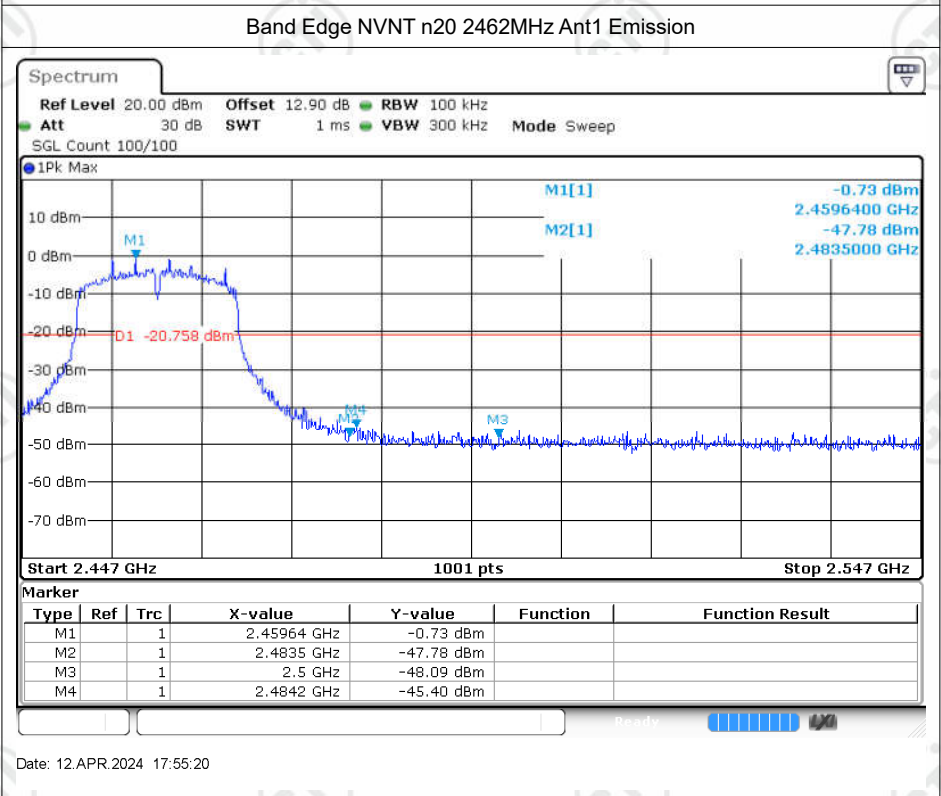
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Date: 12.APR.2024 17:49:58



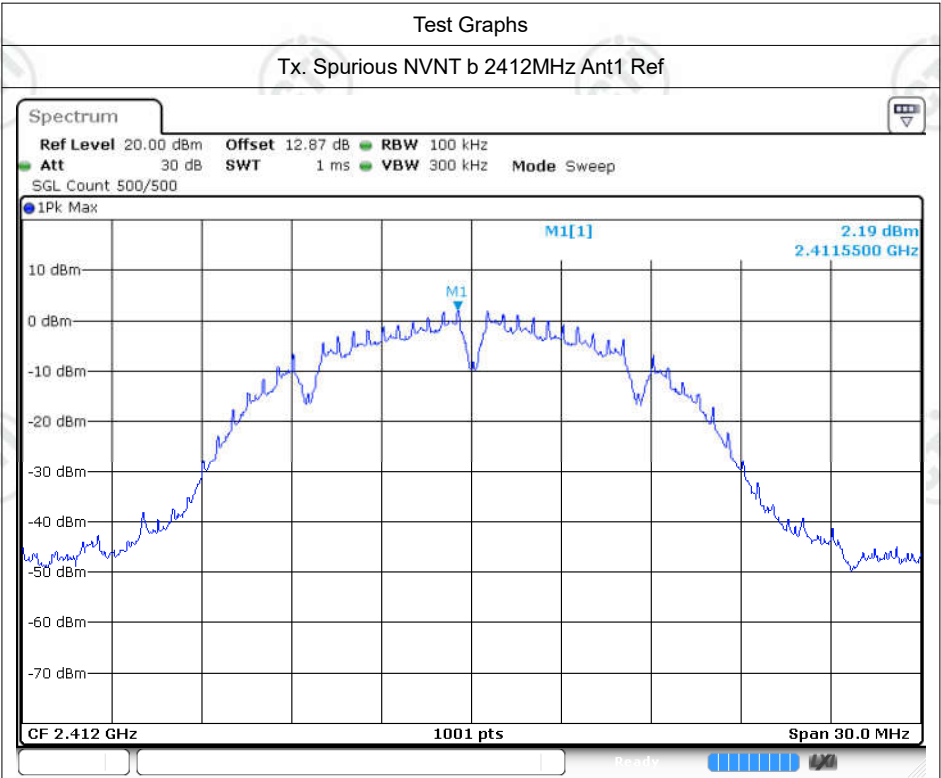
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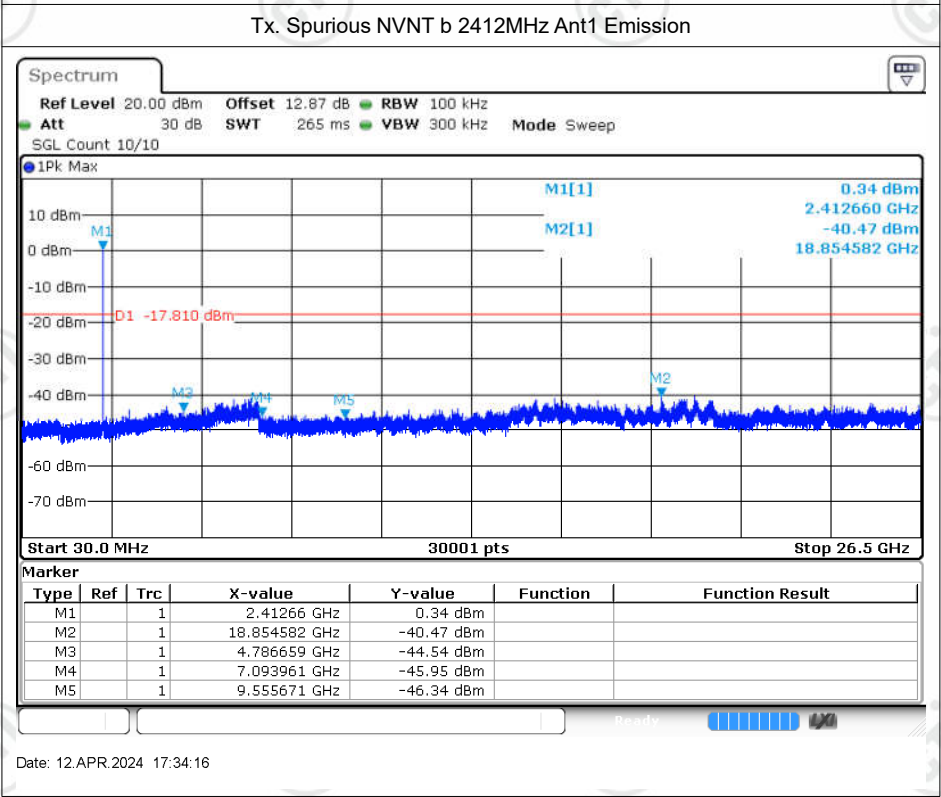
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Conducted RF Spurious Emission

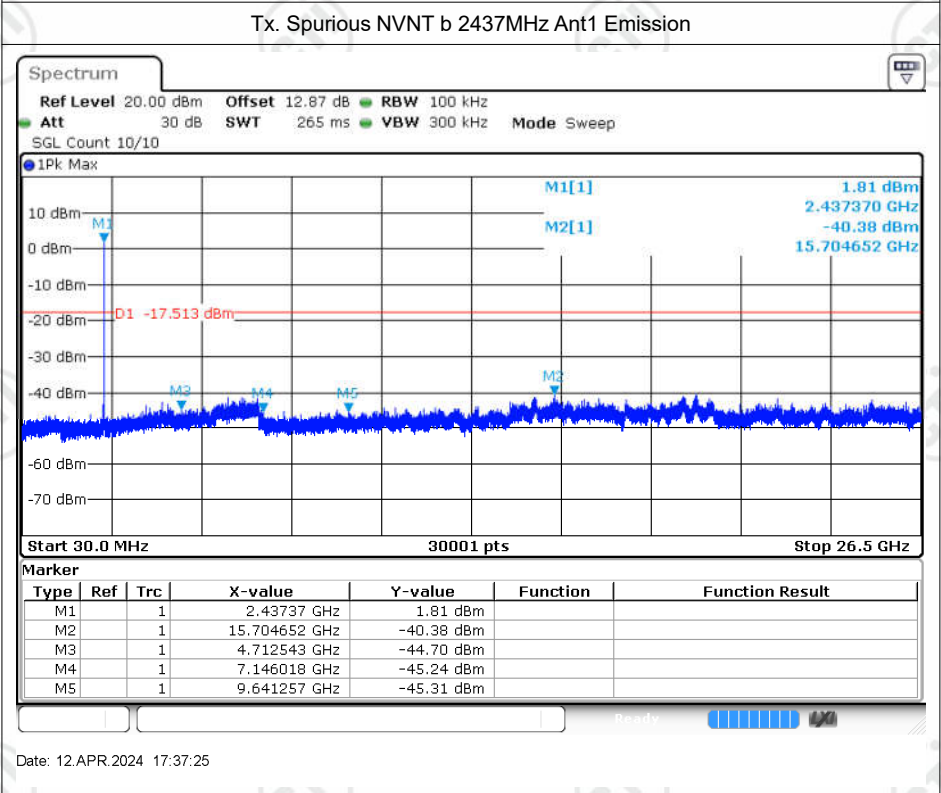
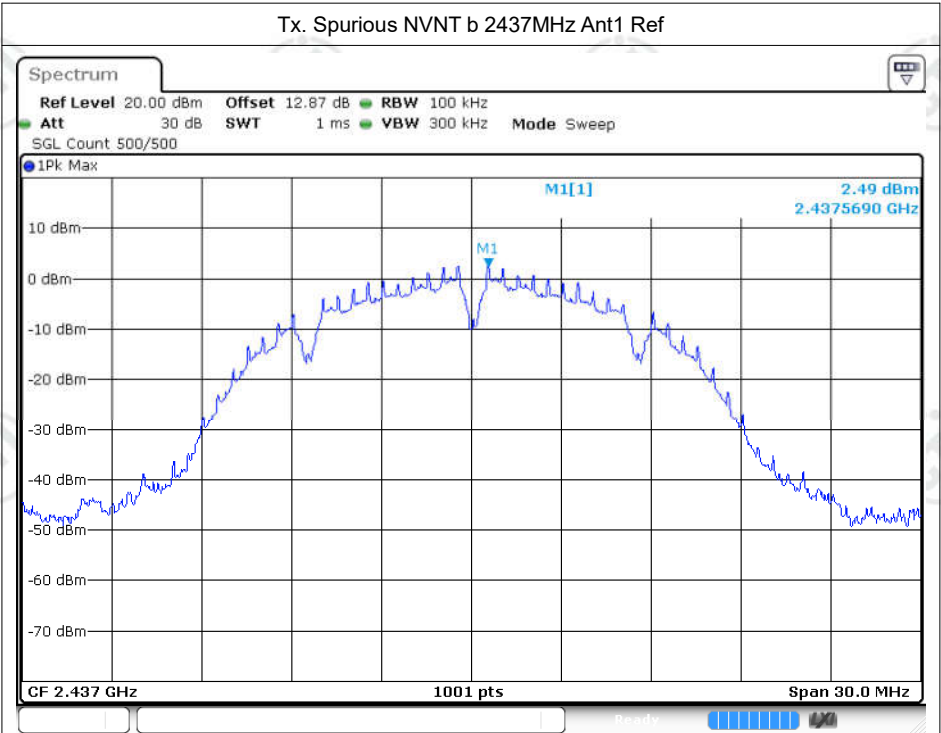
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-42.66	-20	Pass
NVNT	b	2437	Ant1	-42.86	-20	Pass
NVNT	b	2462	Ant1	-43.16	-20	Pass
NVNT	g	2412	Ant1	-39.99	-20	Pass
NVNT	g	2437	Ant1	-41.14	-20	Pass
NVNT	g	2462	Ant1	-40.89	-20	Pass
NVNT	n20	2412	Ant1	-39.58	-20	Pass
NVNT	n20	2437	Ant1	-40.48	-20	Pass
NVNT	n20	2462	Ant1	-40.38	-20	Pass

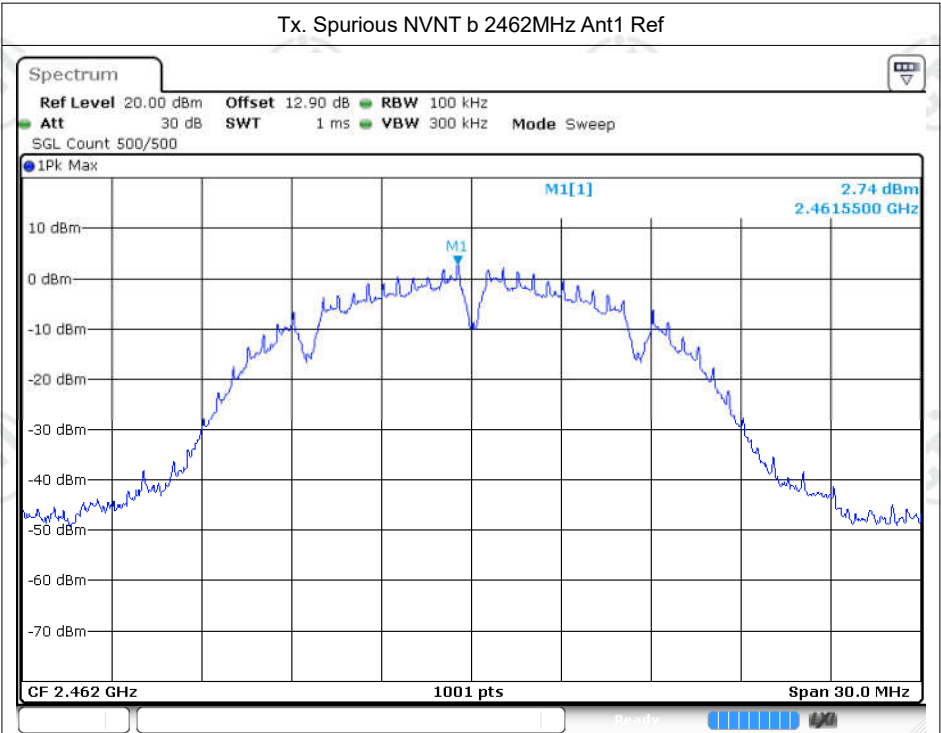


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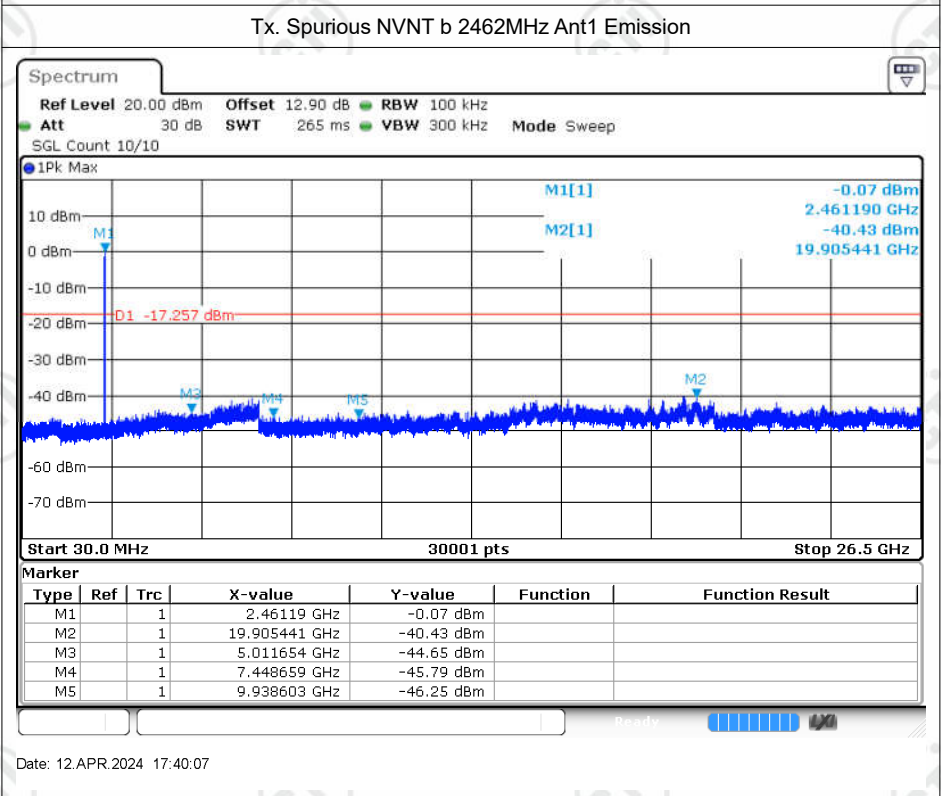


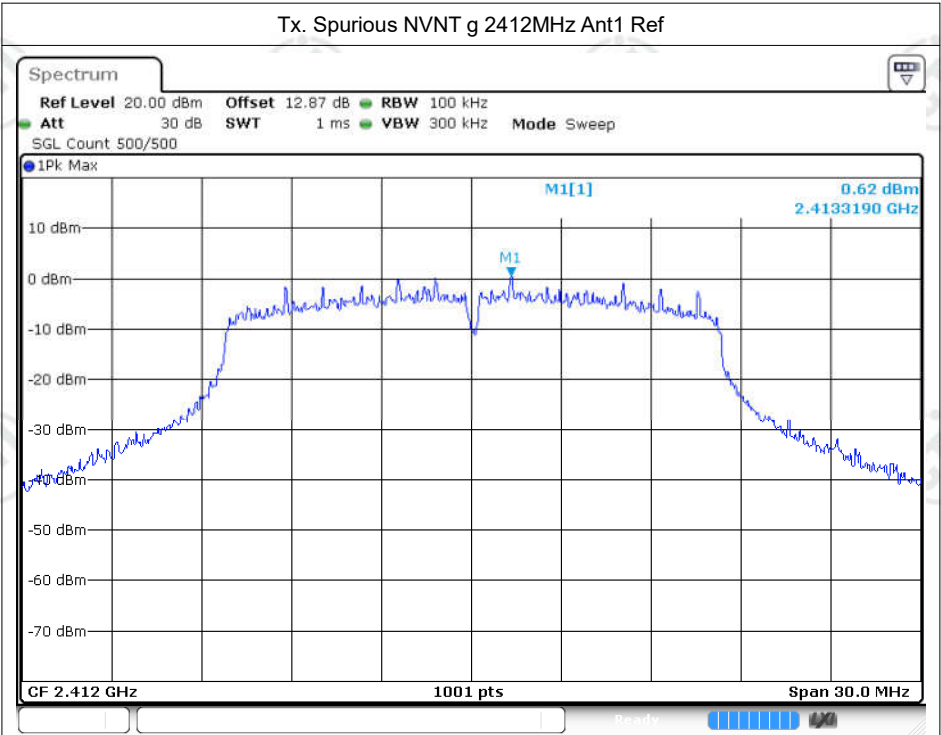
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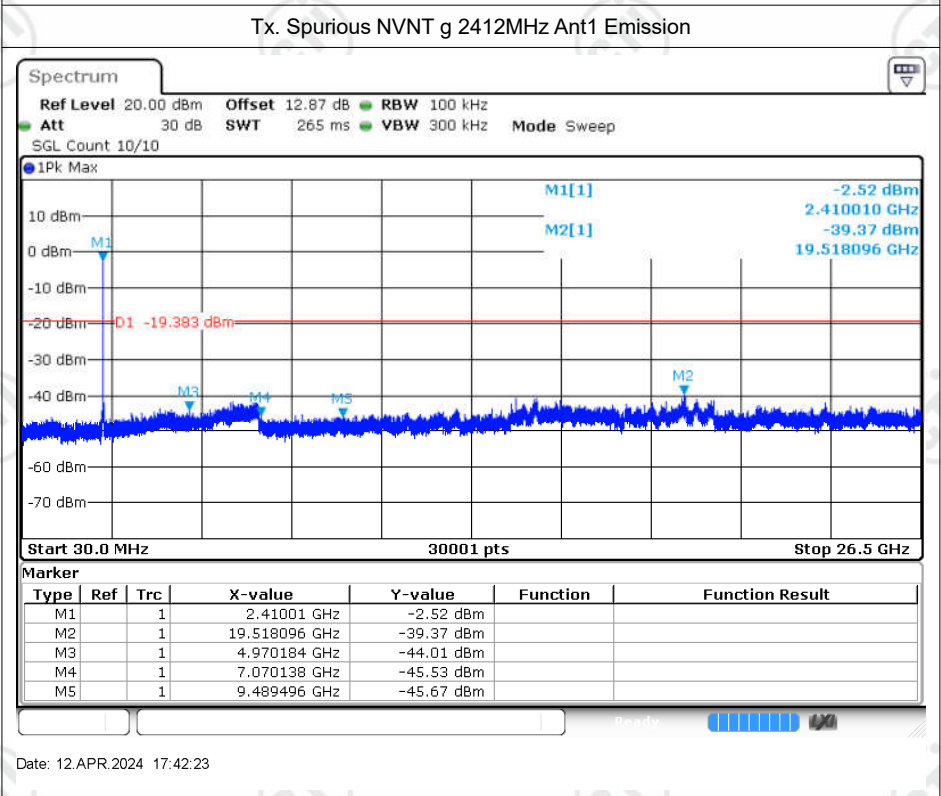


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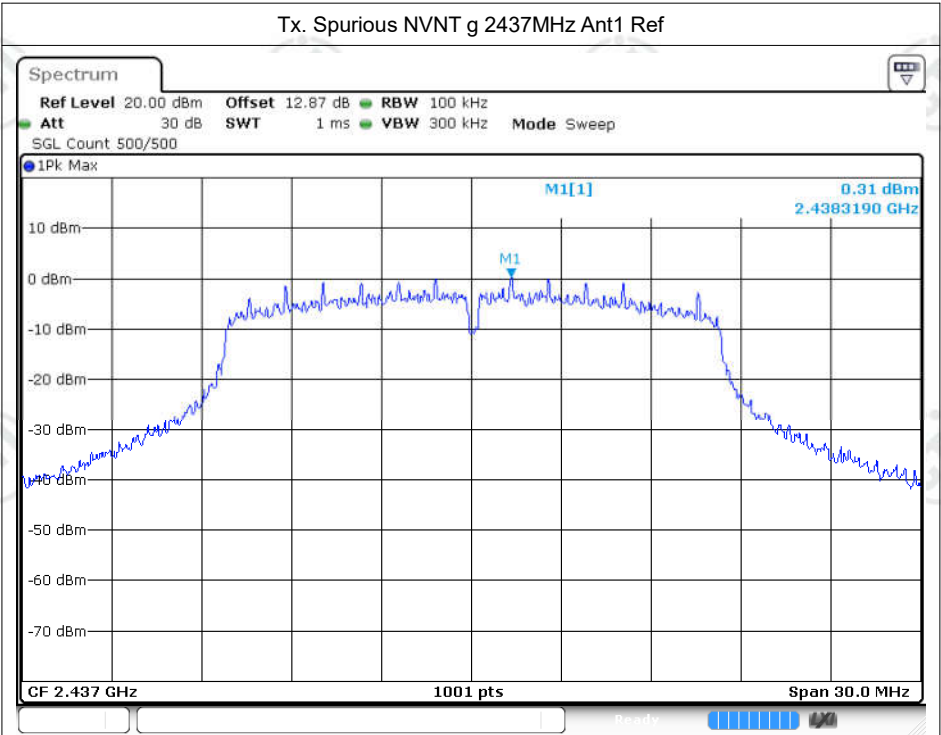




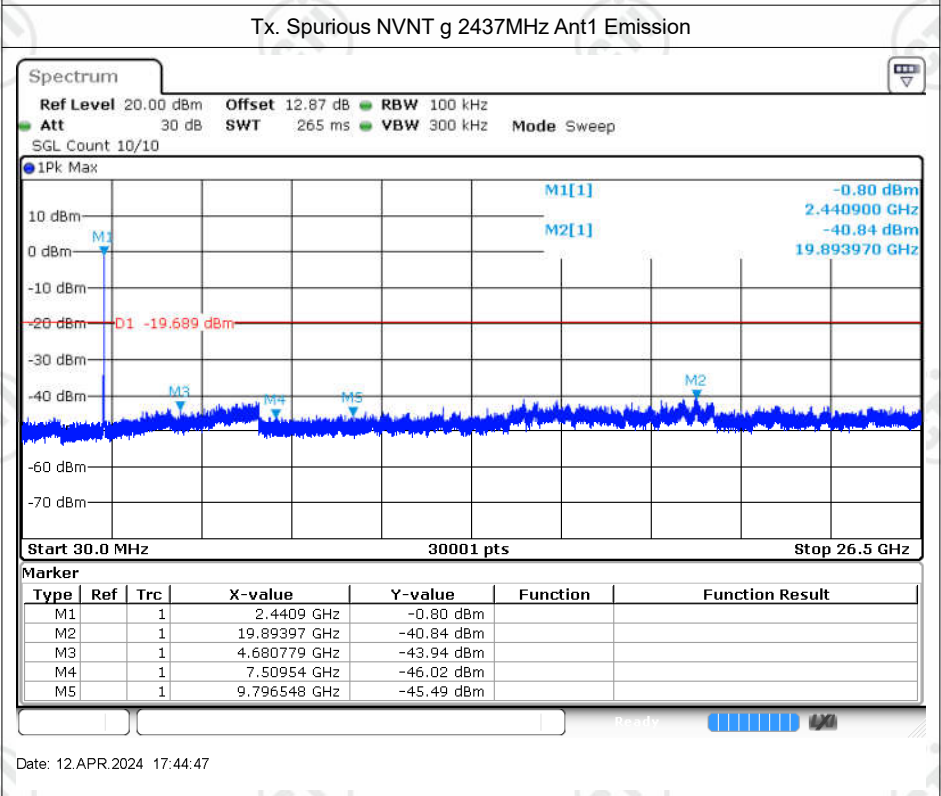
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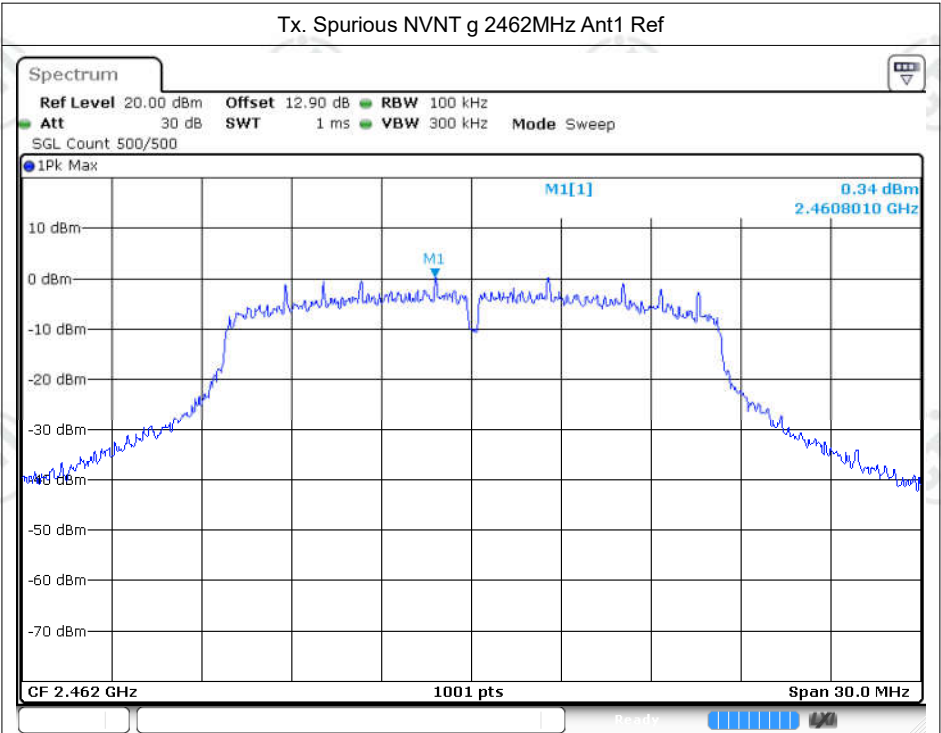
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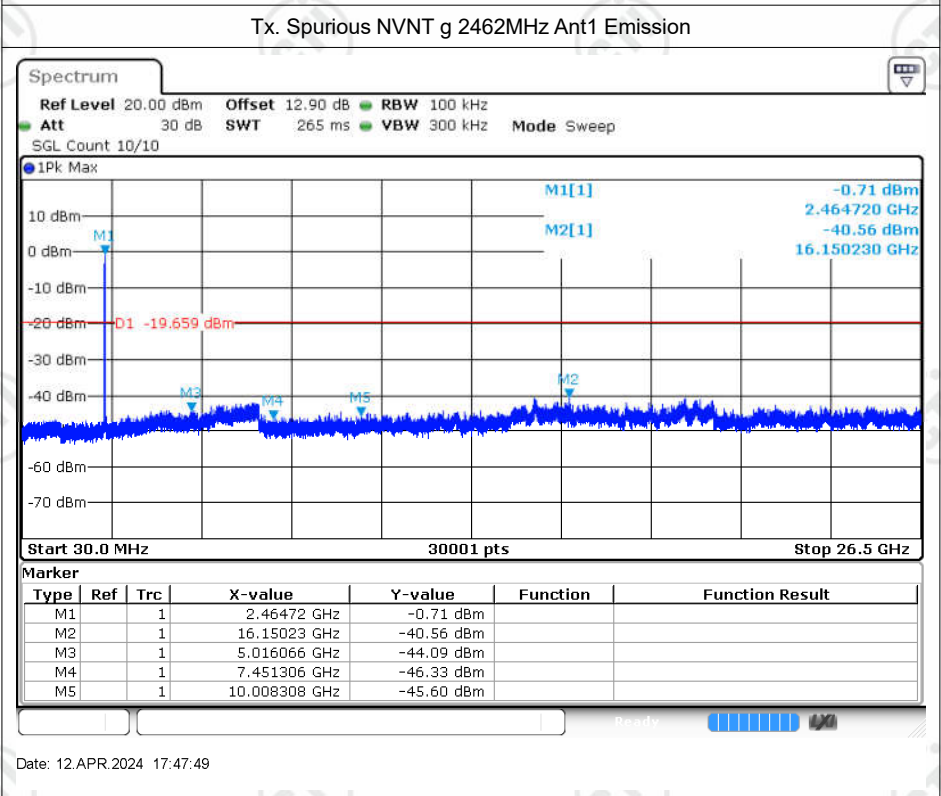
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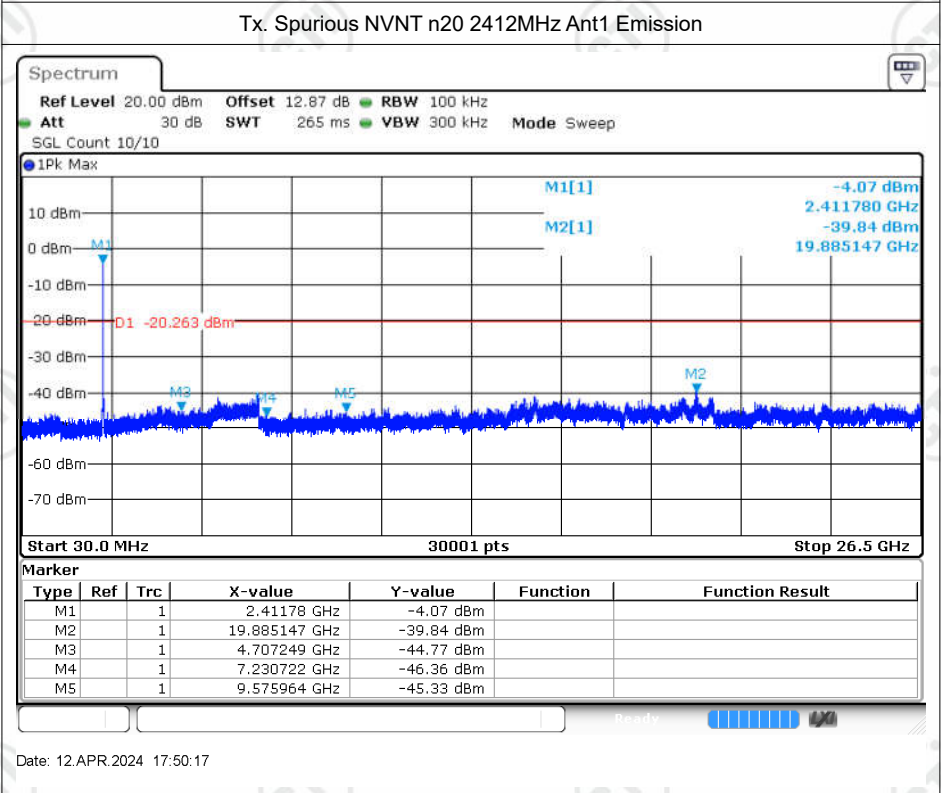
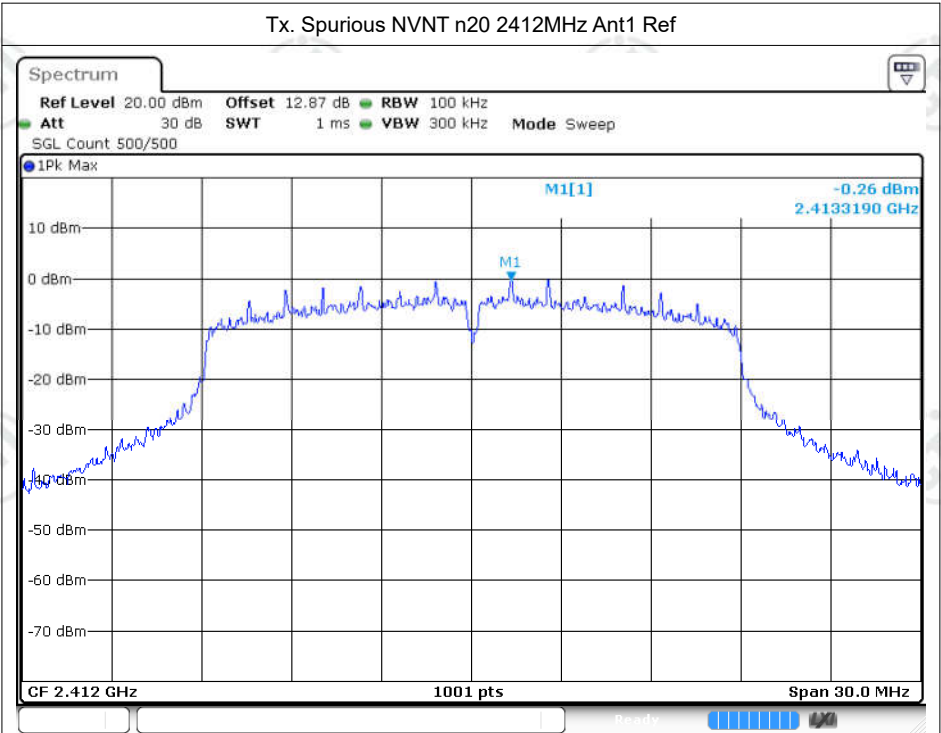
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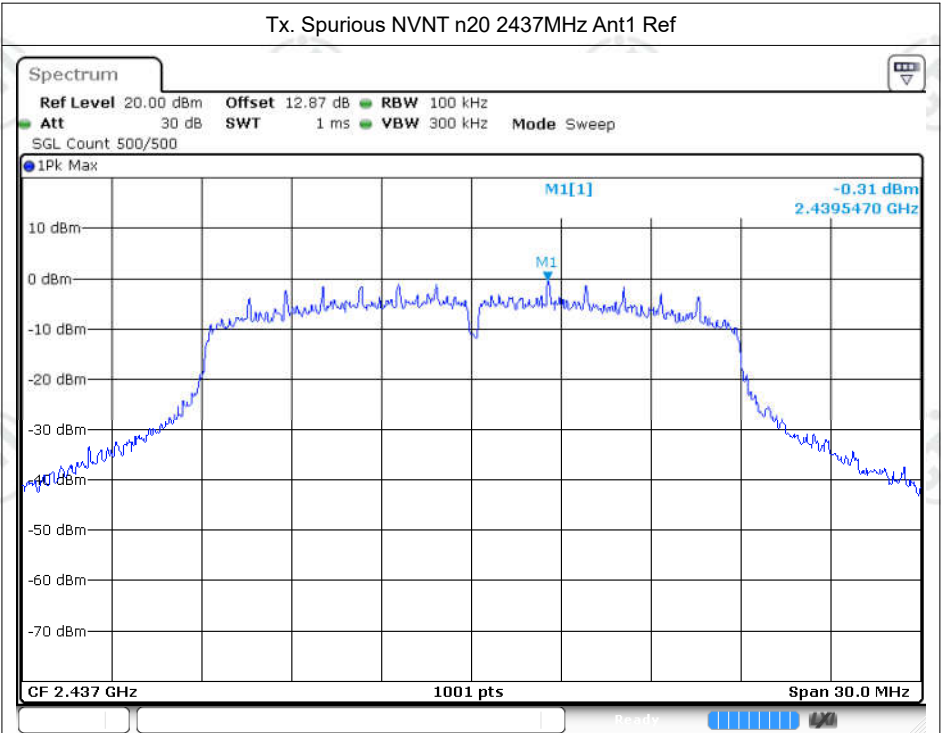


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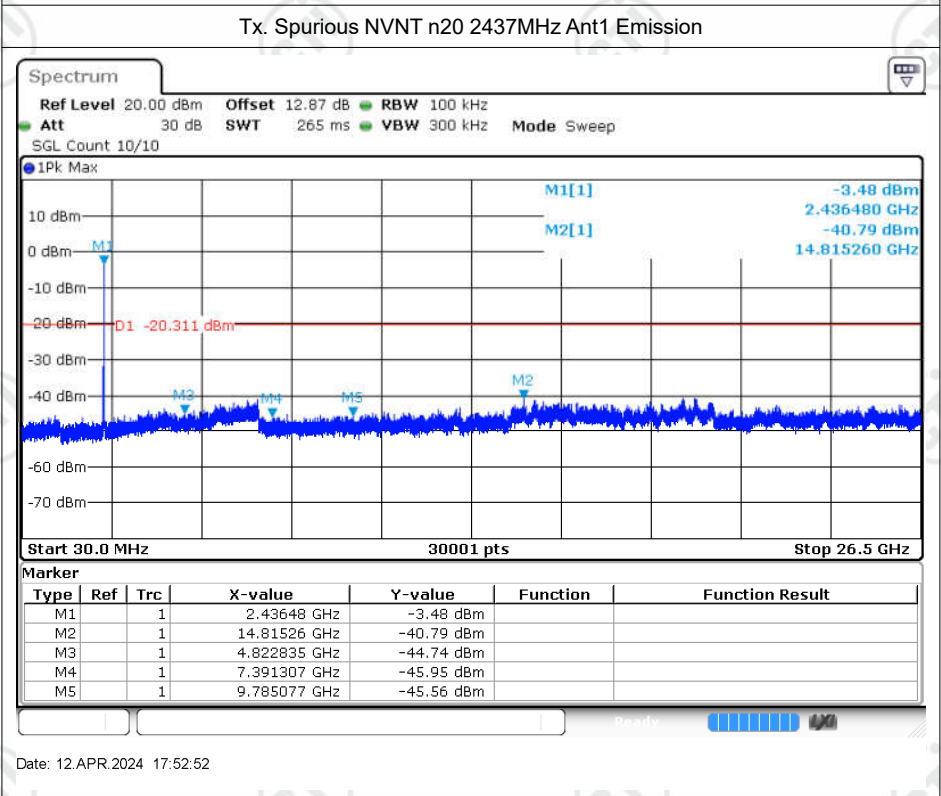


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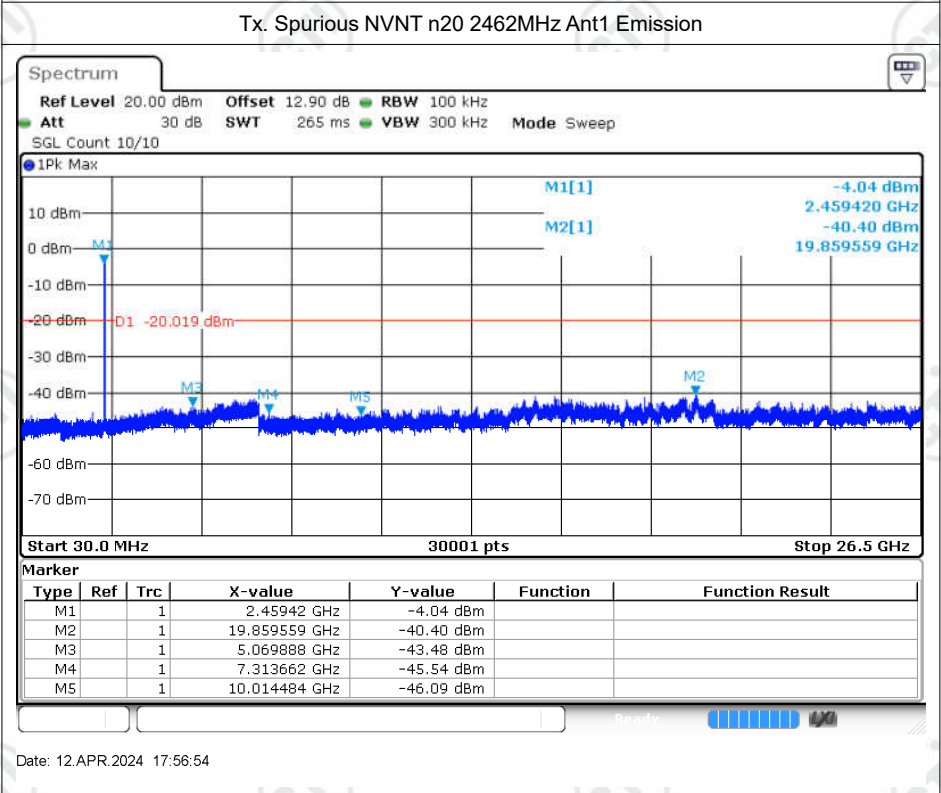
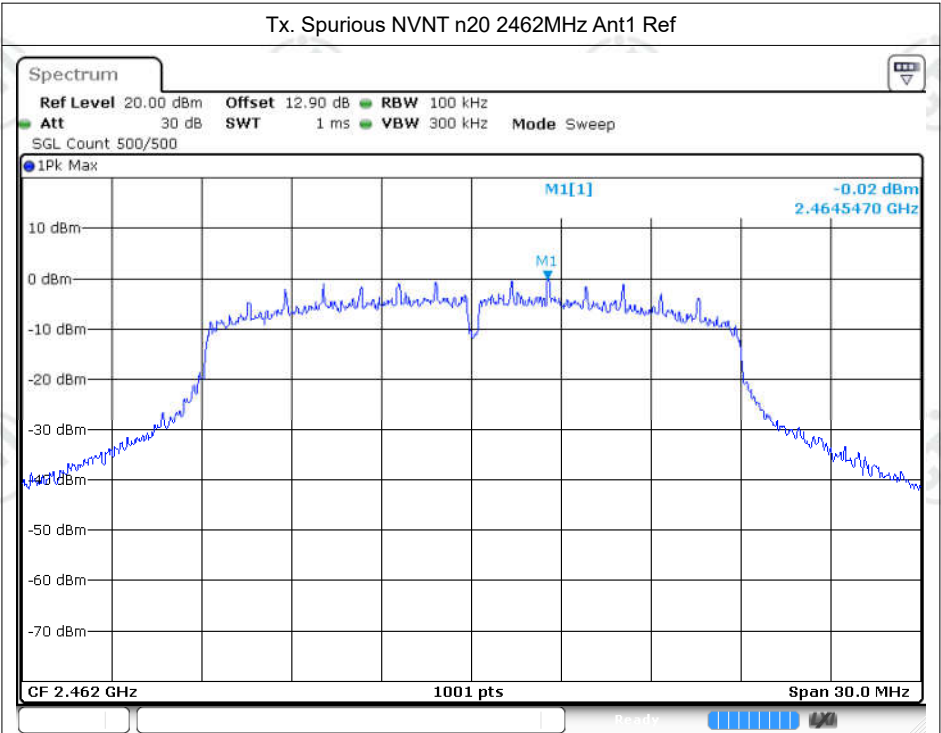




Date: 12.APR.2024 17:52:40



Date: 12.APR.2024 17:52:52



*** End of Report ***