

Appendix: 2.4G Wi-Fi

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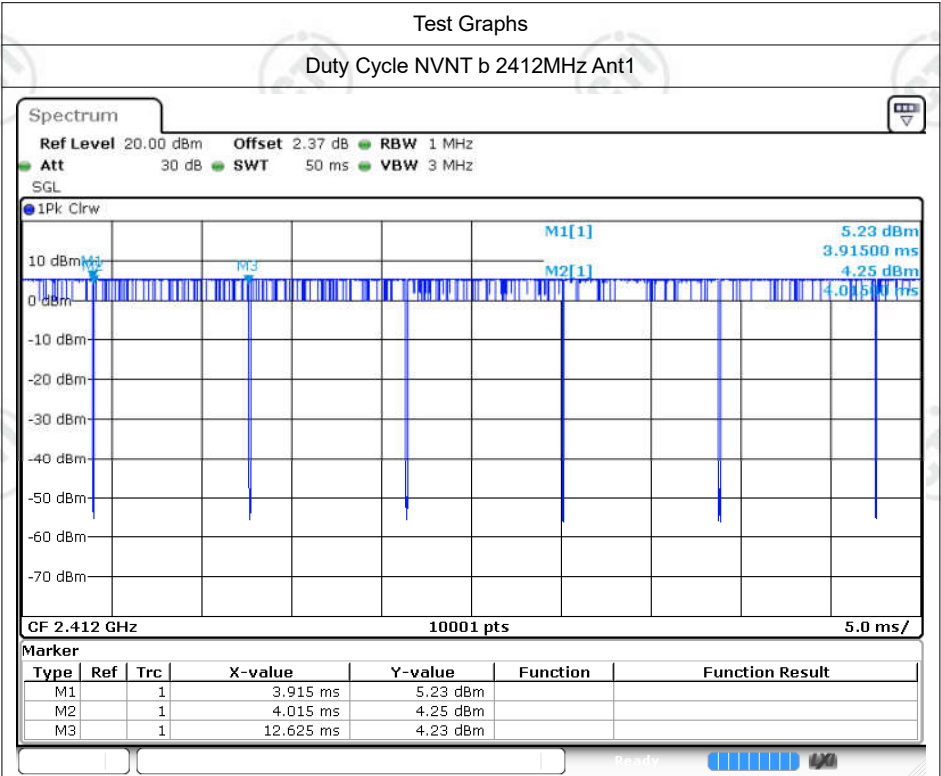
Maximum Power Spectral Density Level 22

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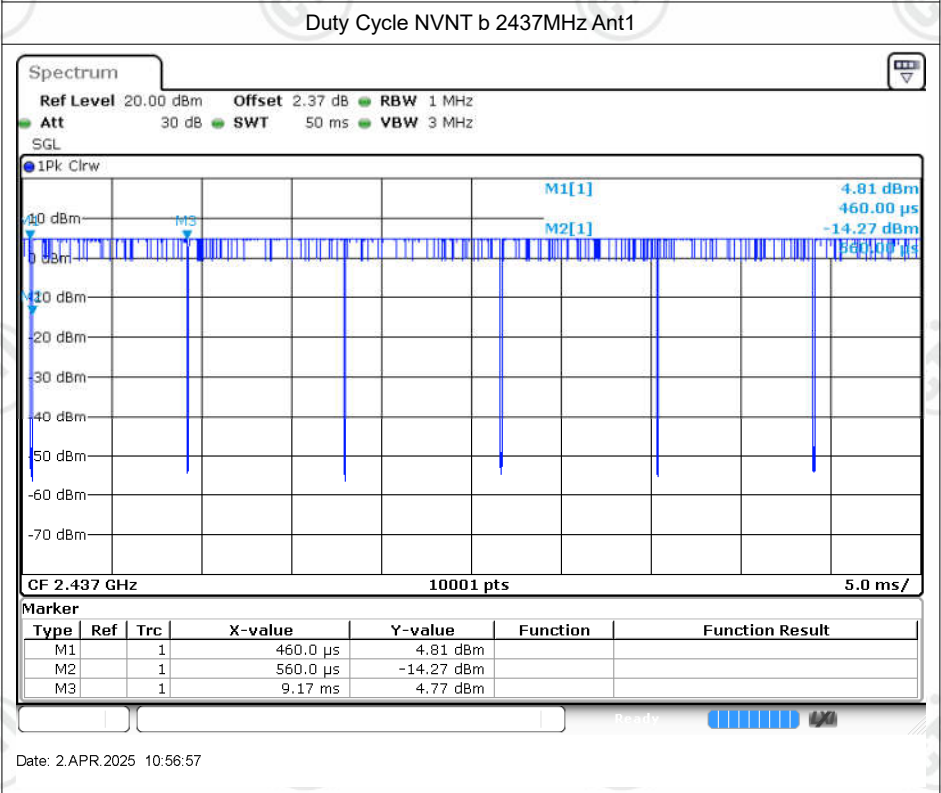
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Duty Cycle

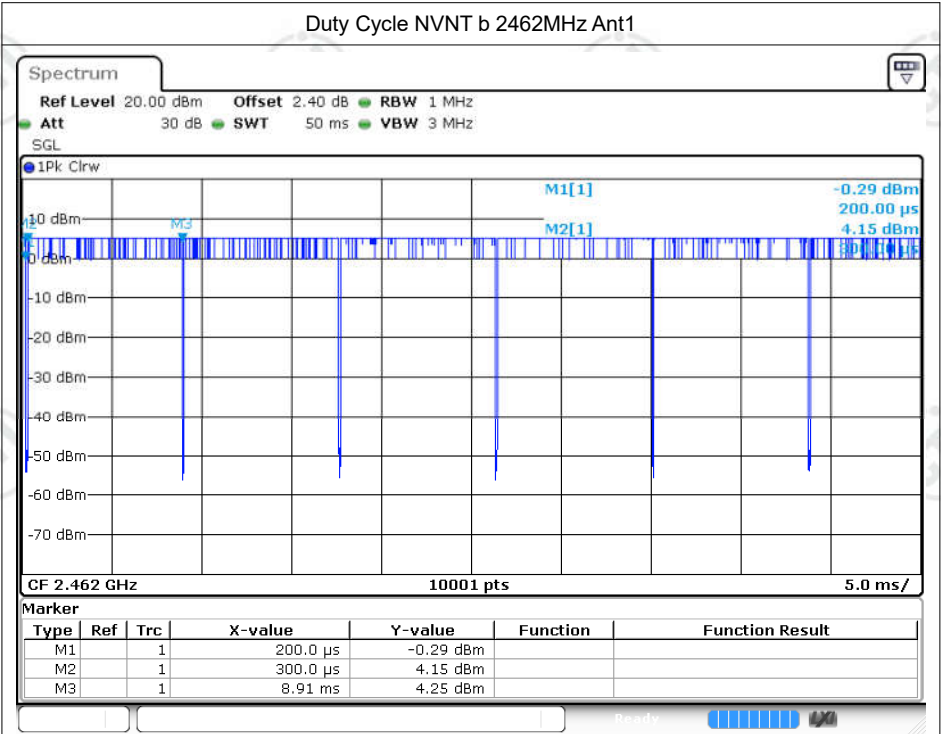
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.85	0	0.12
NVNT	b	2437	Ant1	98.85	0	0.12
NVNT	b	2462	Ant1	98.85	0	0.12
NVNT	g	2412	Ant1	92.97	0.32	0.7
NVNT	g	2437	Ant1	93.10	0.31	0.7
NVNT	g	2462	Ant1	92.97	0.32	0.7
NVNT	n20	2412	Ant1	92.52	0.34	0.75
NVNT	n20	2437	Ant1	92.52	0.34	0.75
NVNT	n20	2462	Ant1	92.52	0.34	0.75



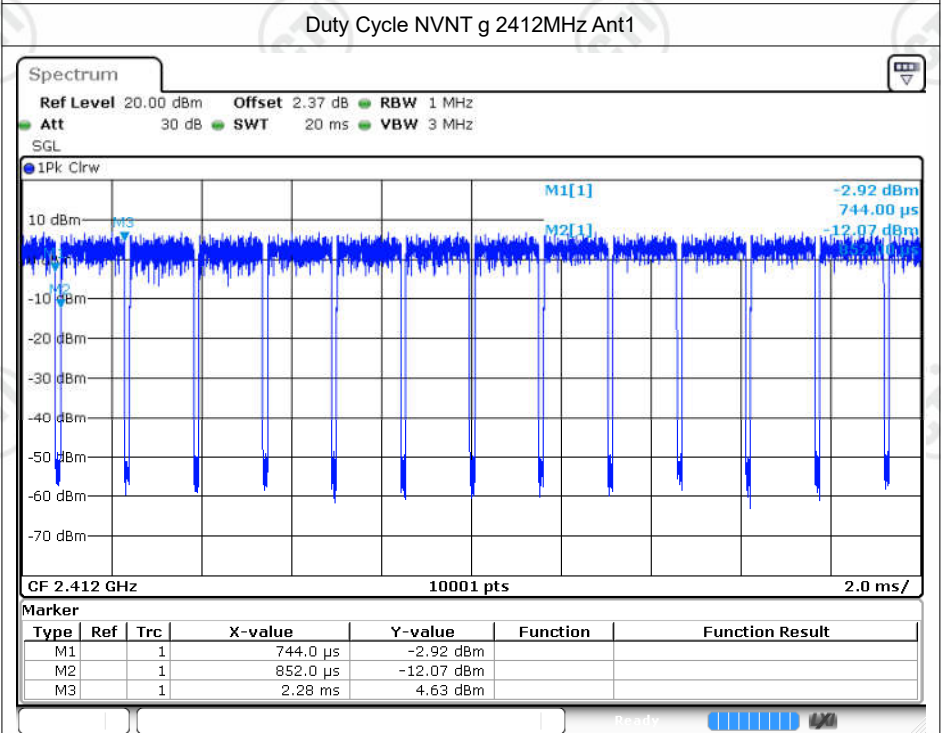
Date: 2.APR.2025 10:55:12



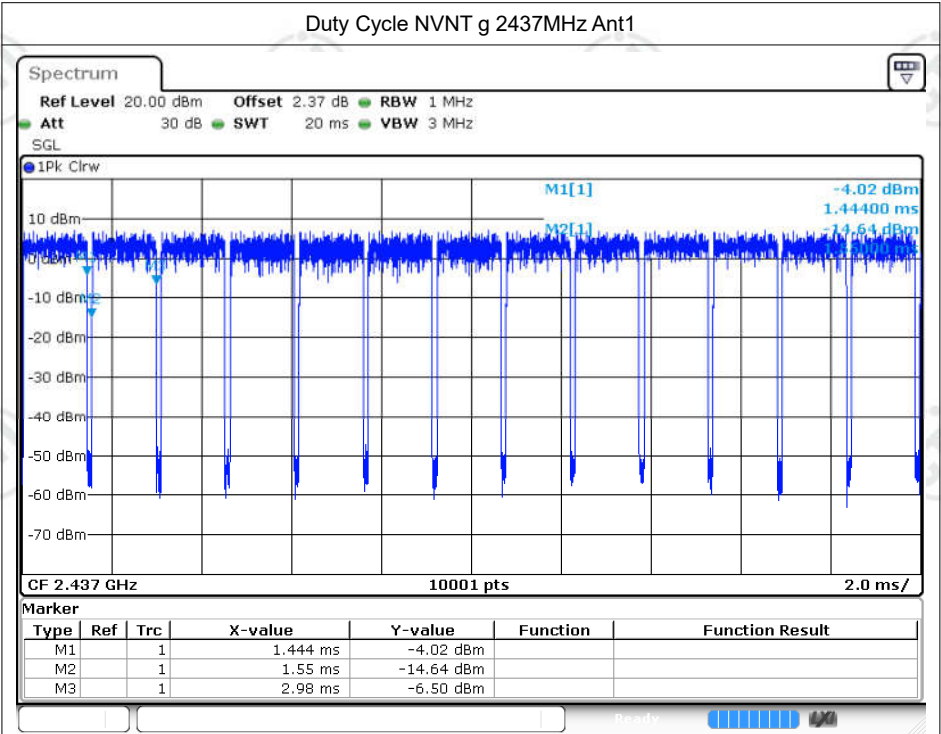
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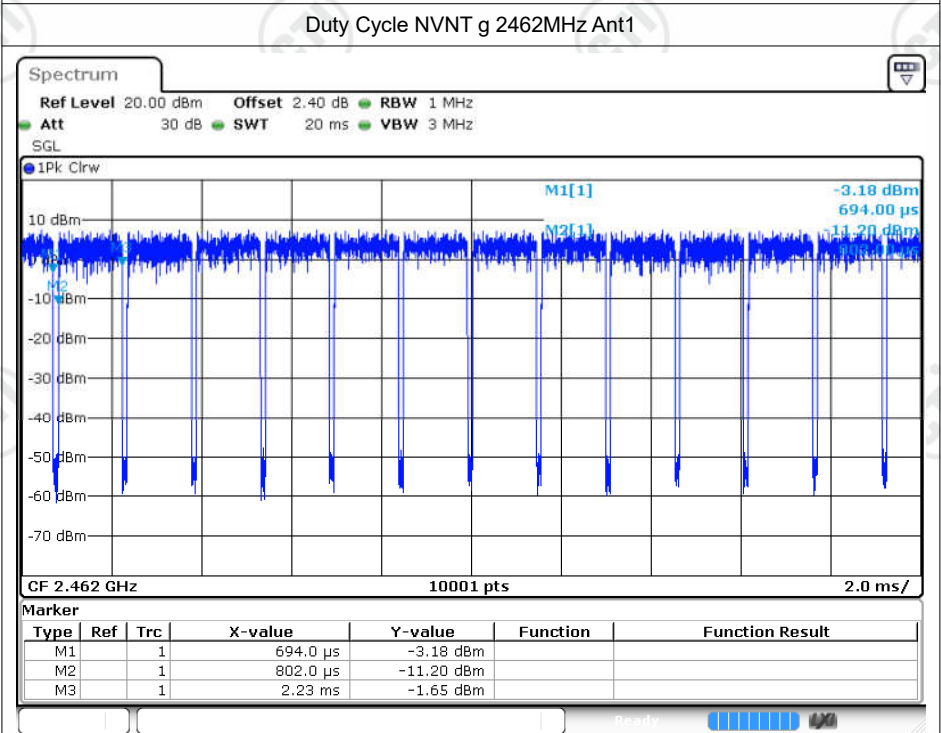
Date: 2.APR.2025 10:58:10



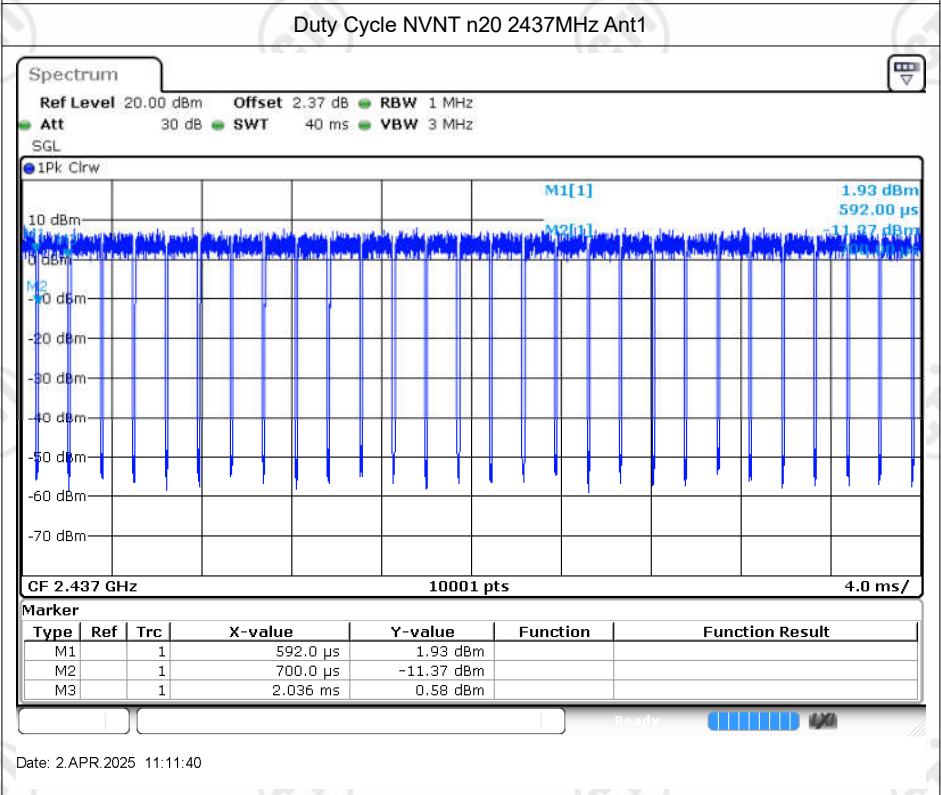
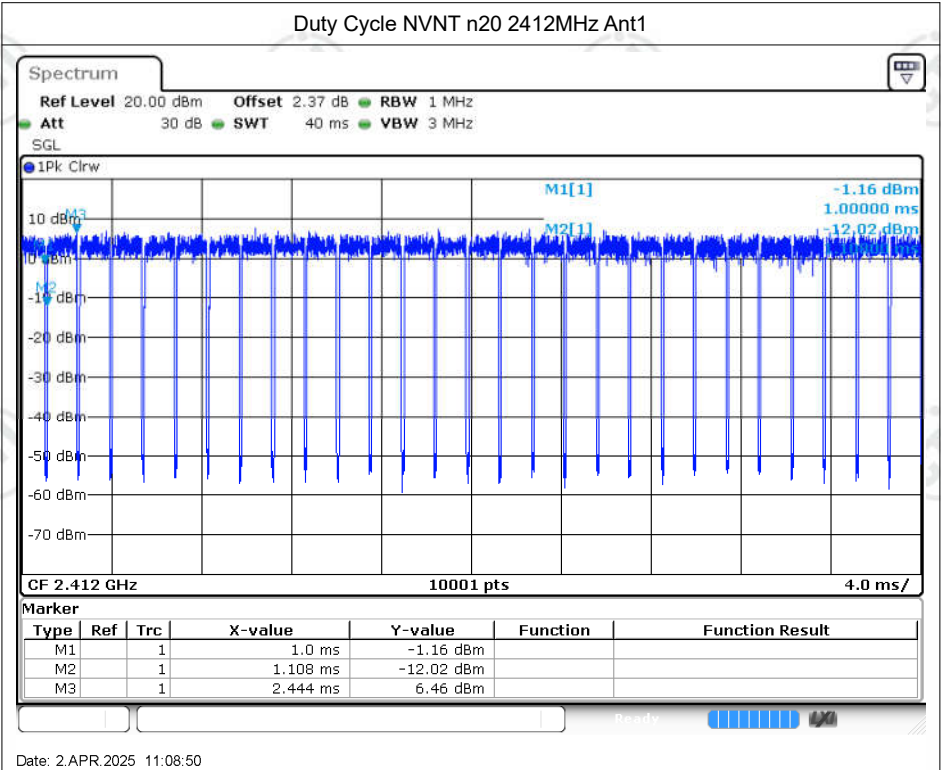
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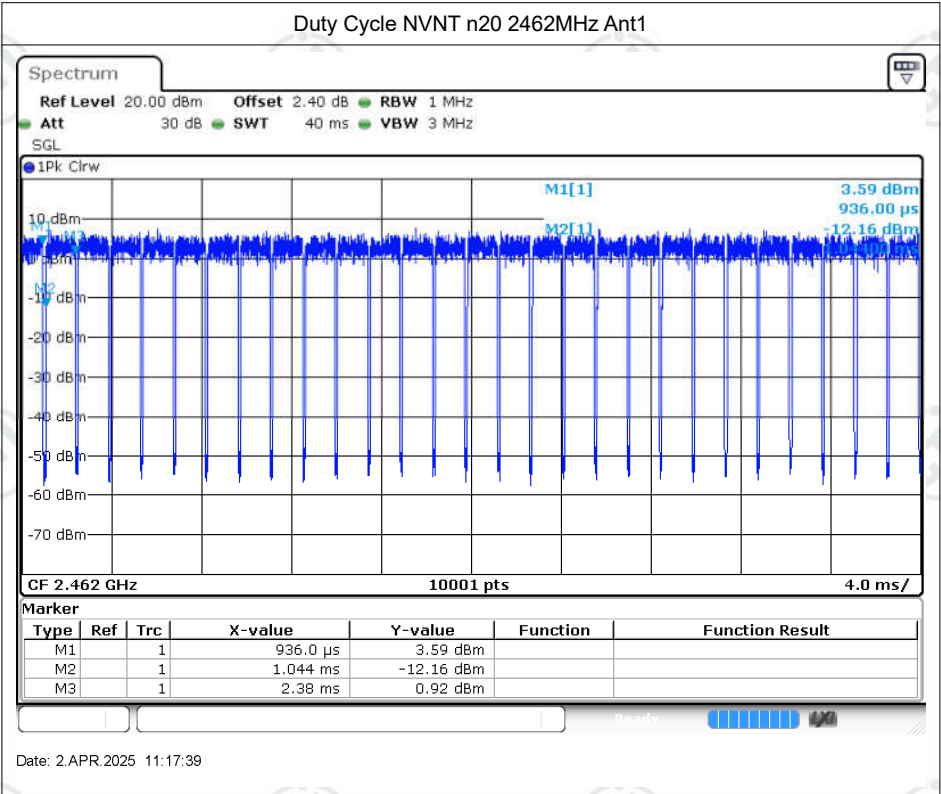


Date: 2.APR.2025 11:02:04



Date: 2.APR.2025 11:03:38



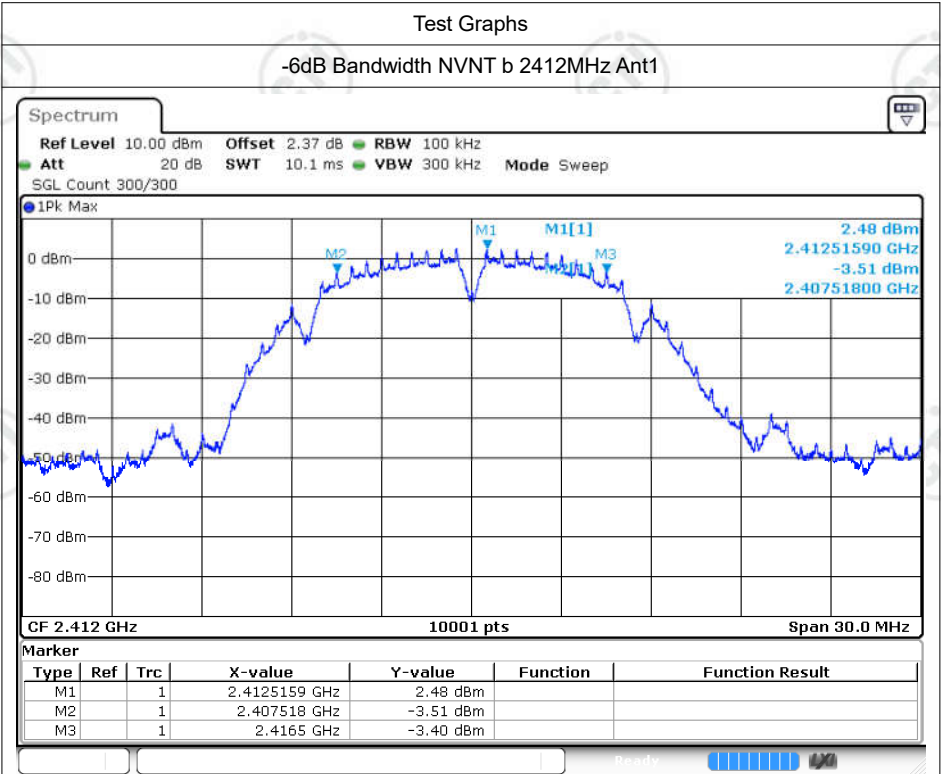


Maximum Peak Conducted Output Power

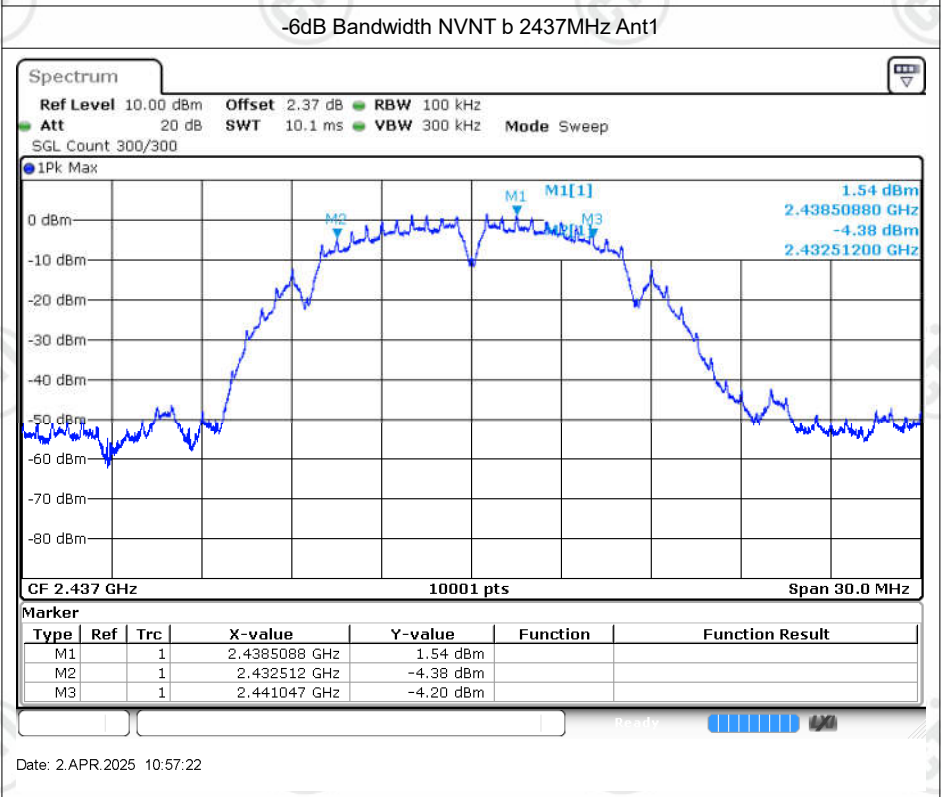
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	10.77	2.3	13.07	30	Pass
NVNT	b	2437	Ant1	10.19	2.3	12.49	30	Pass
NVNT	b	2462	Ant1	10.11	2.3	12.41	30	Pass
NVNT	g	2412	Ant1	10.21	2.3	12.51	30	Pass
NVNT	g	2437	Ant1	10.20	2.3	12.50	30	Pass
NVNT	g	2462	Ant1	9.93	2.3	12.23	30	Pass
NVNT	n20	2412	Ant1	10.01	2.3	12.31	30	Pass
NVNT	n20	2437	Ant1	10.02	2.3	12.32	30	Pass
NVNT	n20	2462	Ant1	9.83	2.3	12.13	30	Pass

-6dB Bandwidth

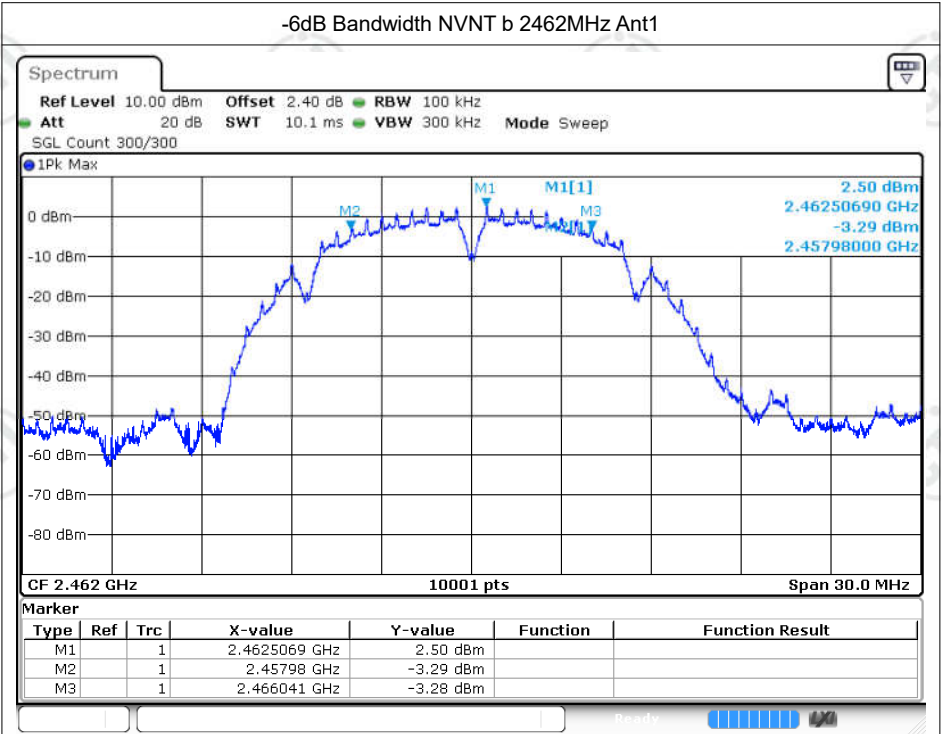
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.982	0.5	Pass
NVNT	b	2437	Ant1	8.535	0.5	Pass
NVNT	b	2462	Ant1	8.061	0.5	Pass
NVNT	g	2412	Ant1	15.432	0.5	Pass
NVNT	g	2437	Ant1	15.753	0.5	Pass
NVNT	g	2462	Ant1	15.465	0.5	Pass
NVNT	n20	2412	Ant1	15.447	0.5	Pass
NVNT	n20	2437	Ant1	16.005	0.5	Pass
NVNT	n20	2462	Ant1	15.882	0.5	Pass



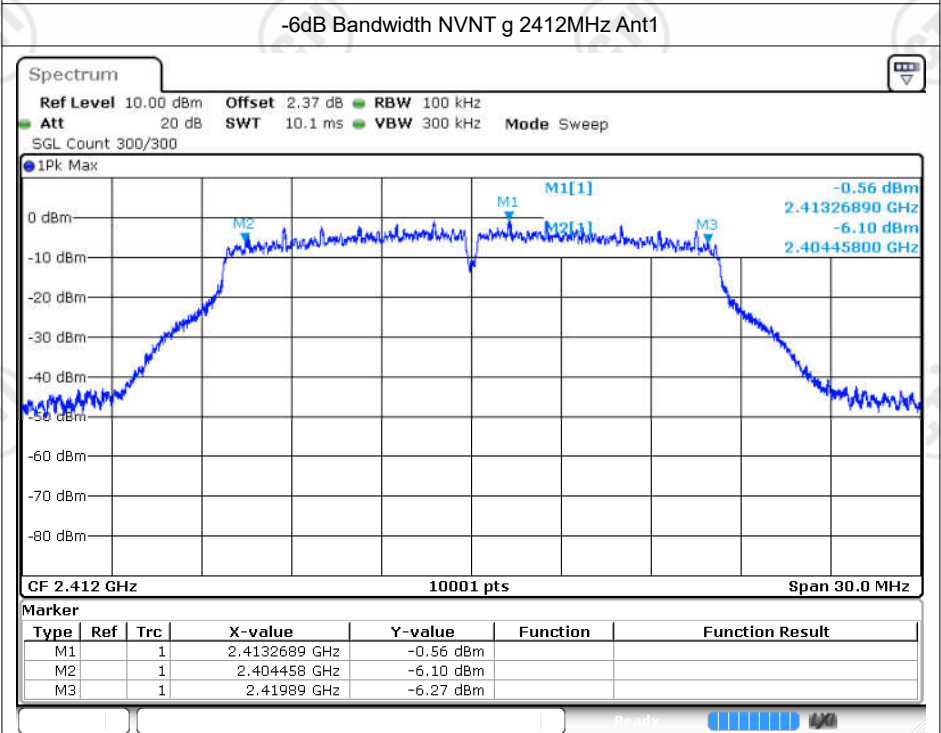
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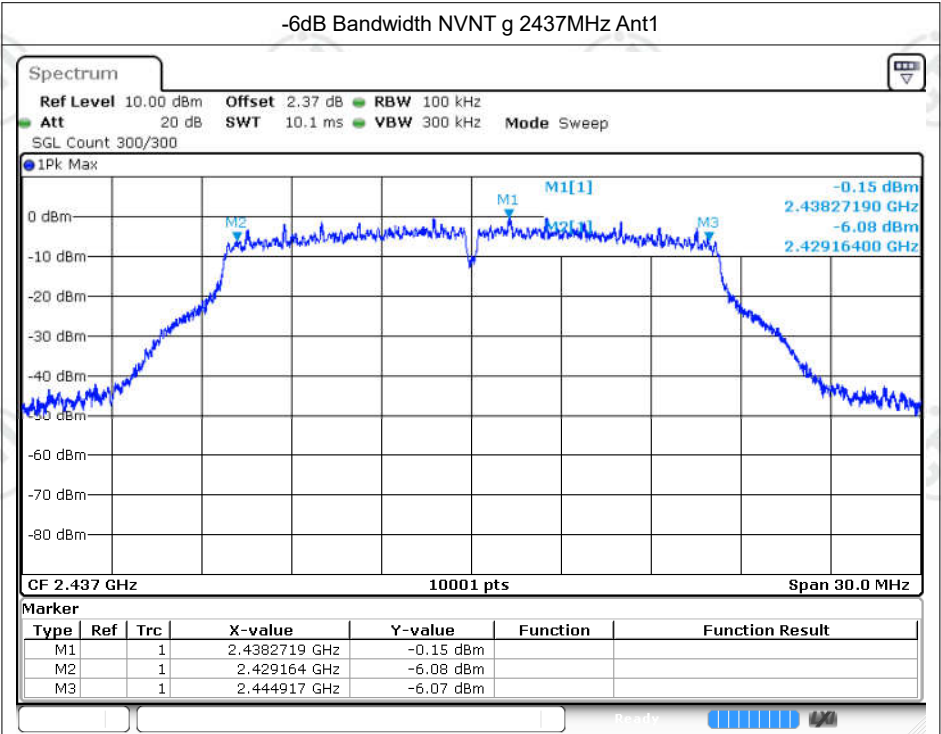
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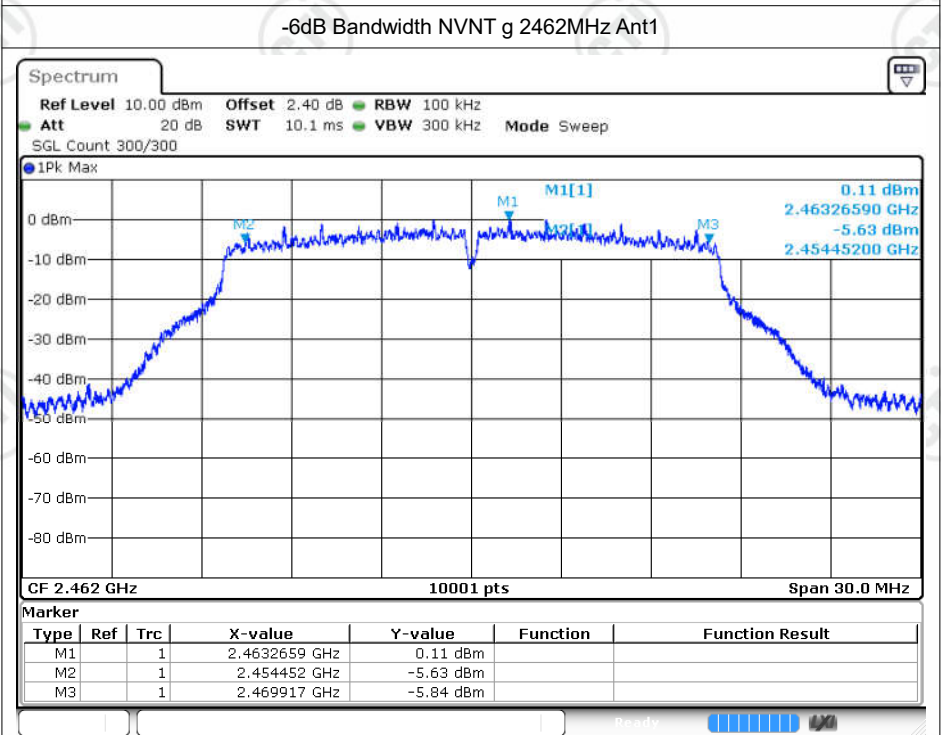
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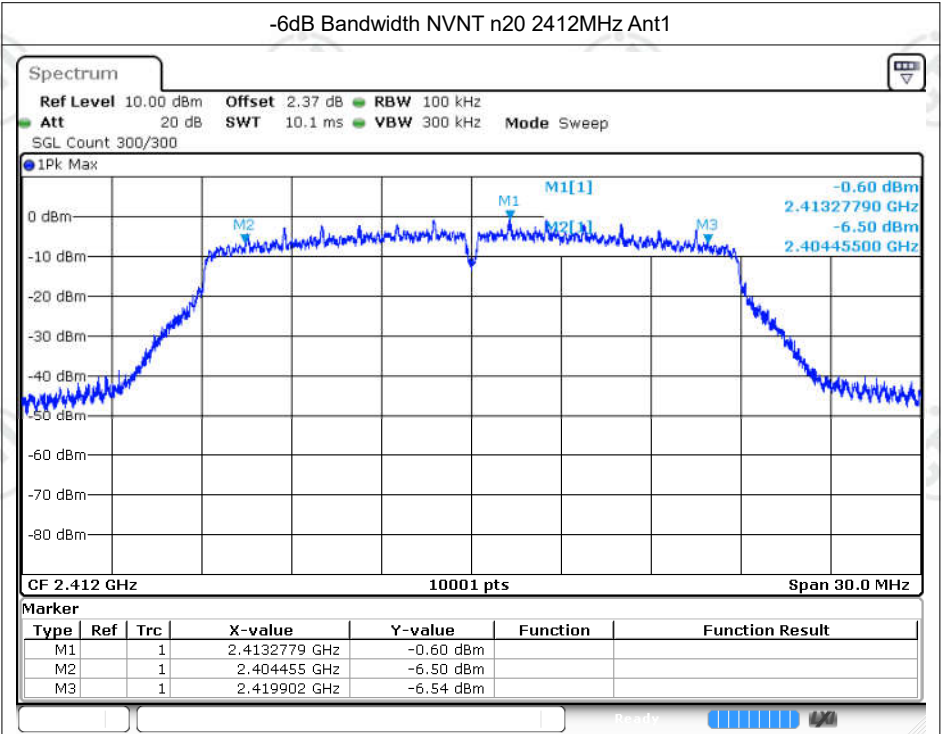
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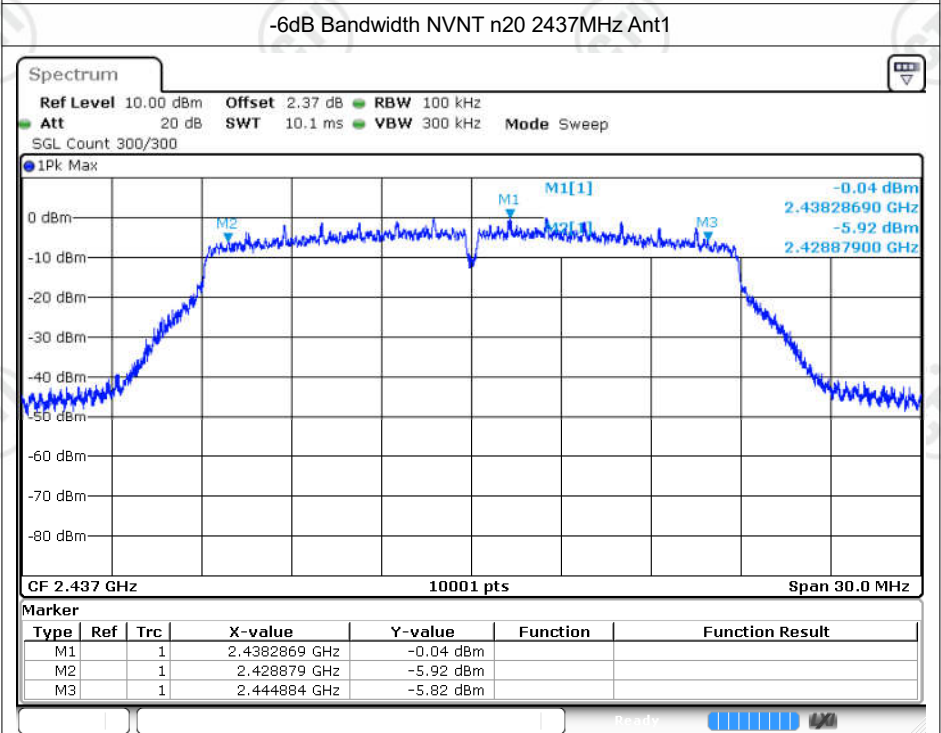
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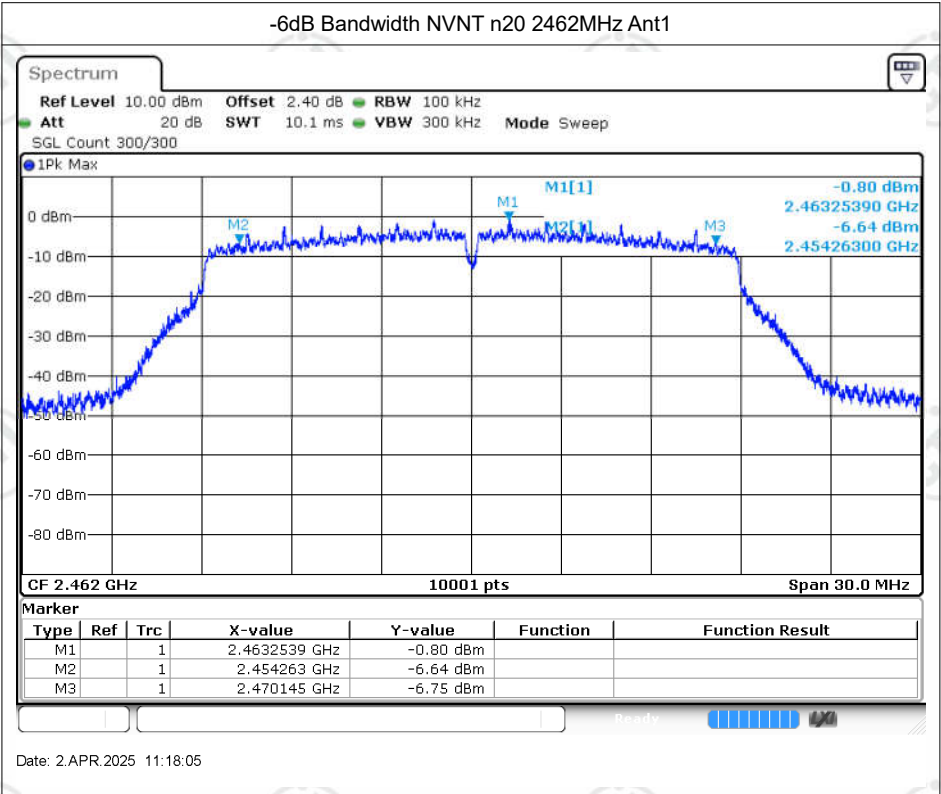
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Date: 2.APR.2025 11:09:11

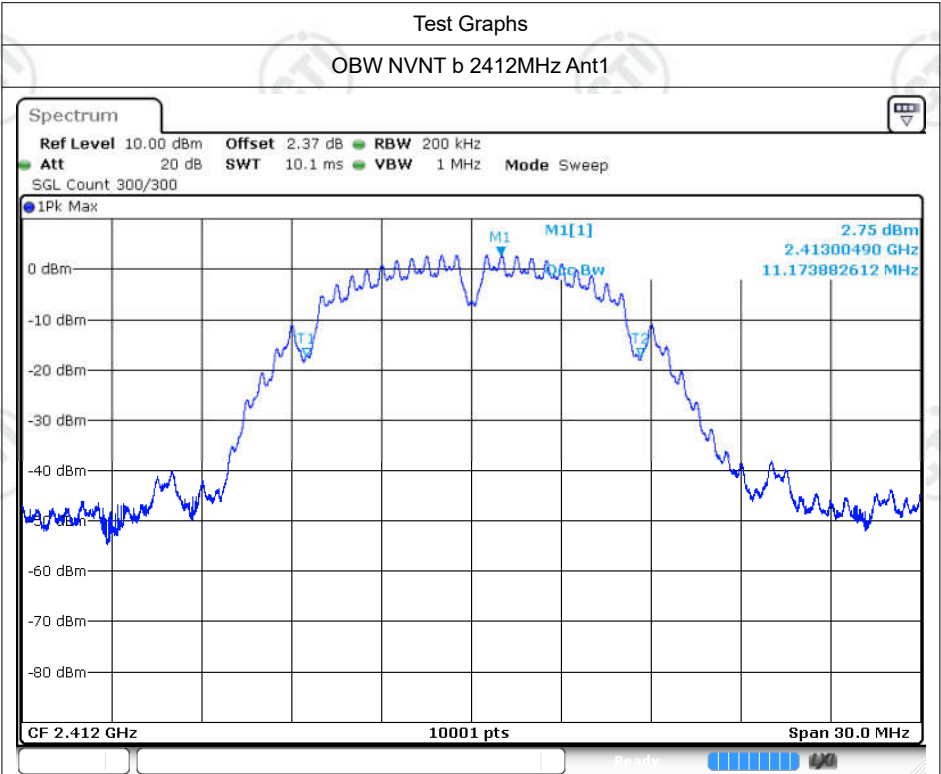


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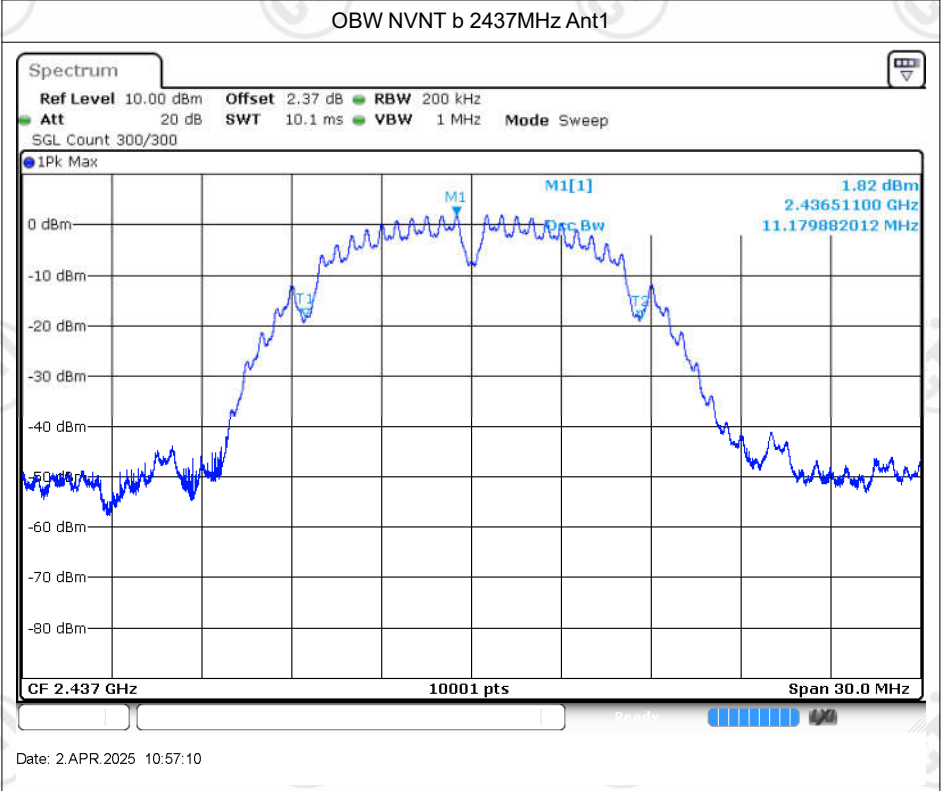


Occupied Channel Bandwidth

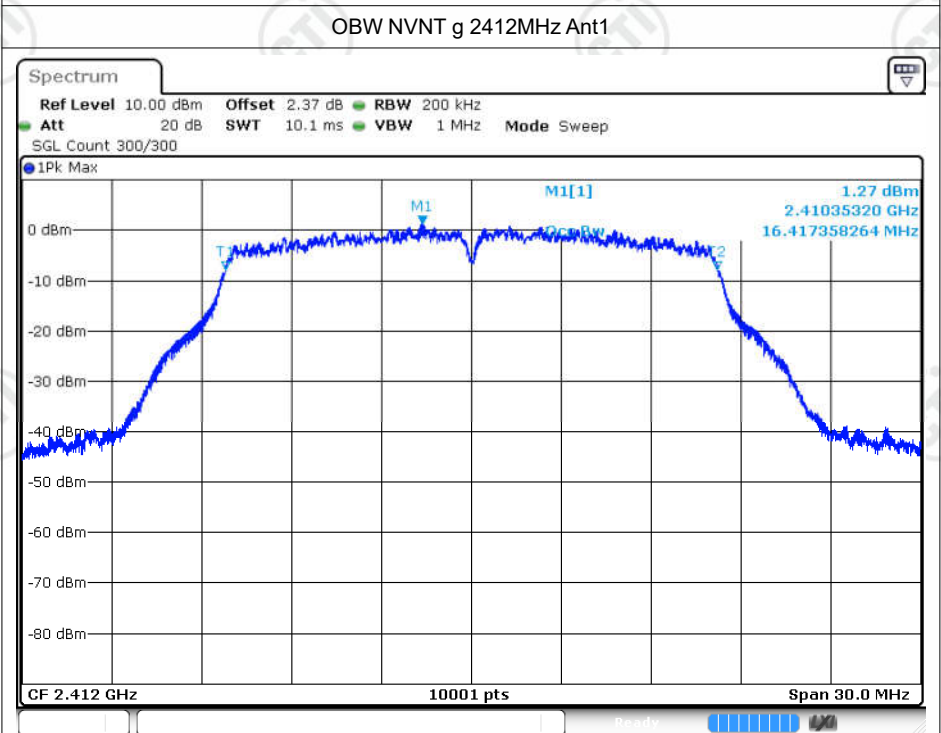
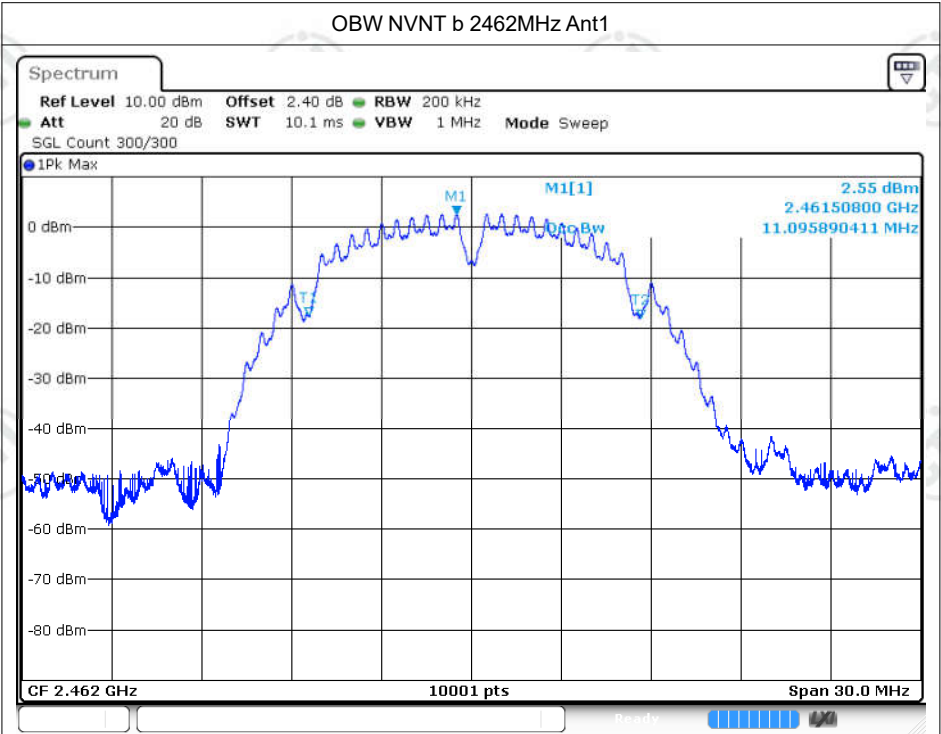
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	11.174
NVNT	b	2437	Ant1	11.18
NVNT	b	2462	Ant1	11.096
NVNT	g	2412	Ant1	16.417
NVNT	g	2437	Ant1	16.438
NVNT	g	2462	Ant1	16.417
NVNT	n20	2412	Ant1	17.554
NVNT	n20	2437	Ant1	17.575
NVNT	n20	2462	Ant1	17.566

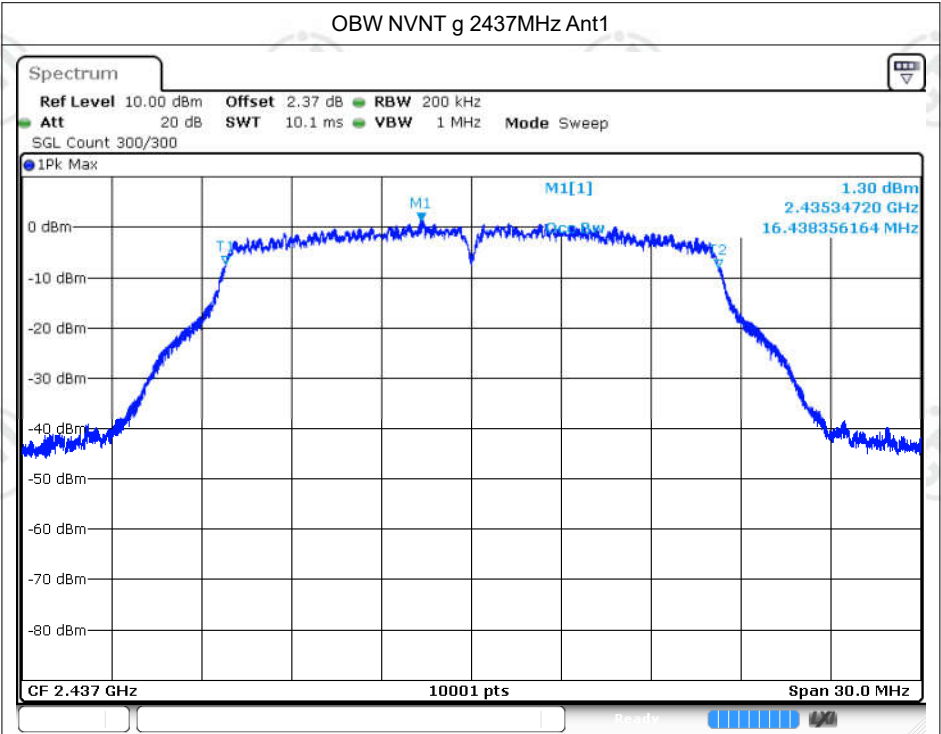


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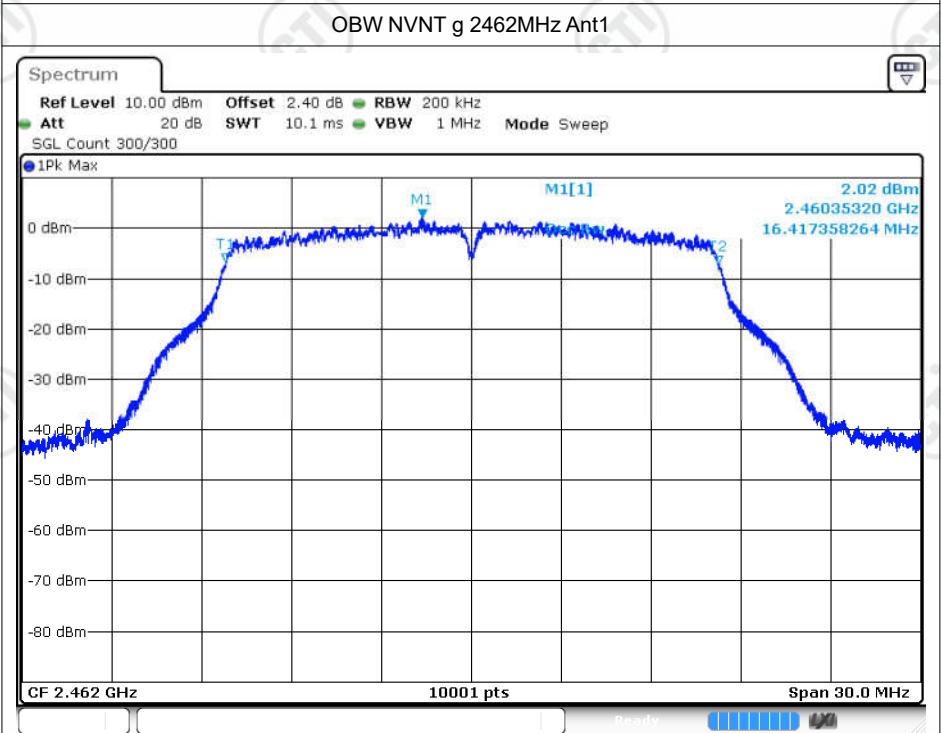


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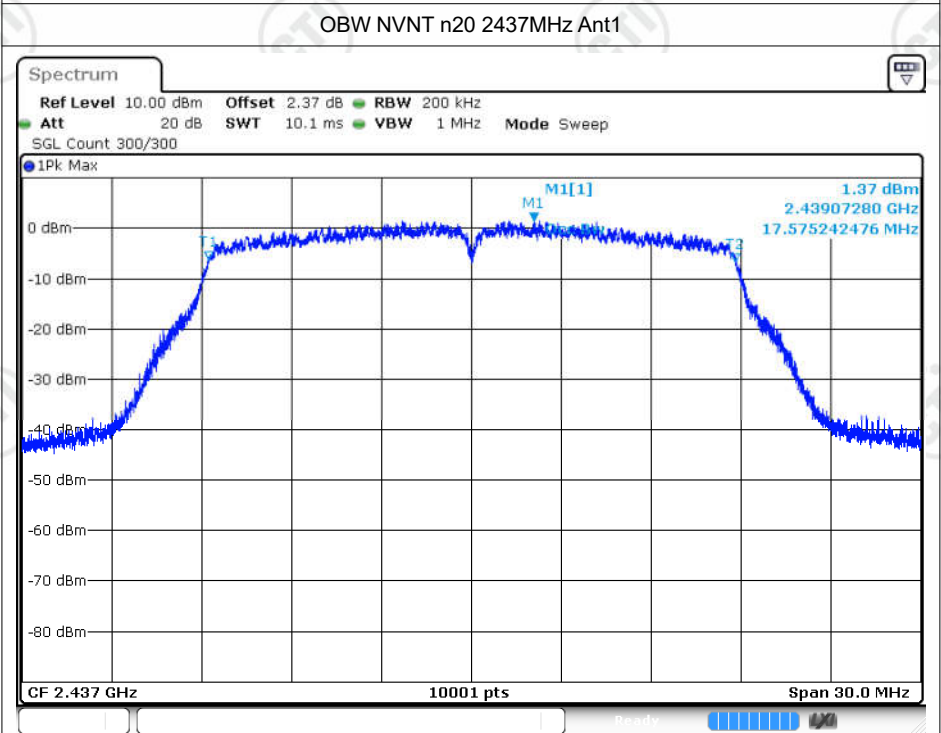
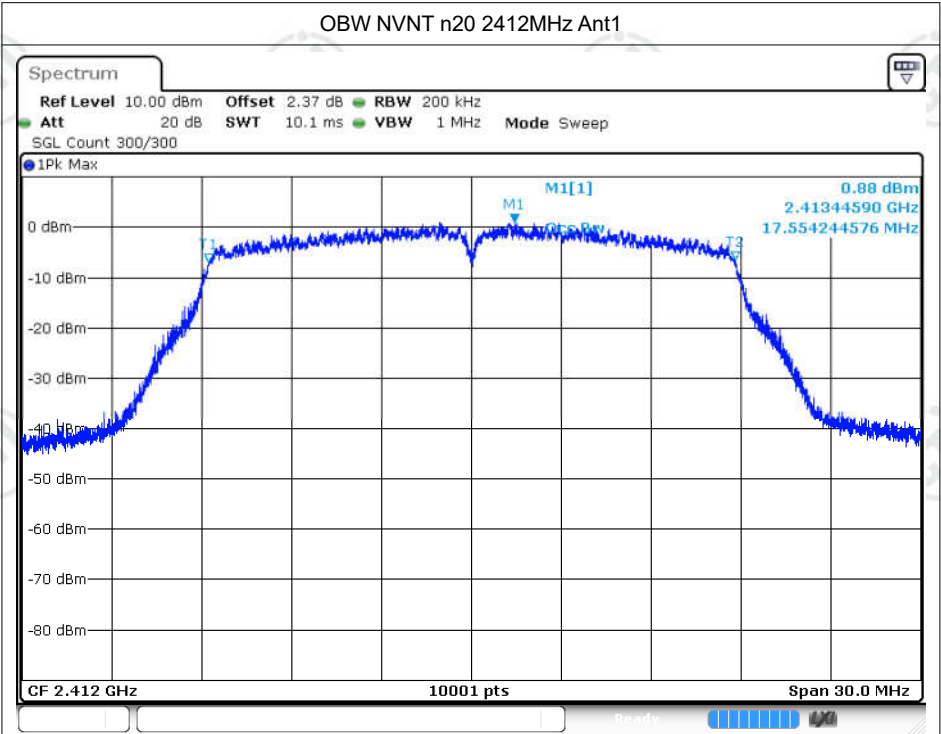


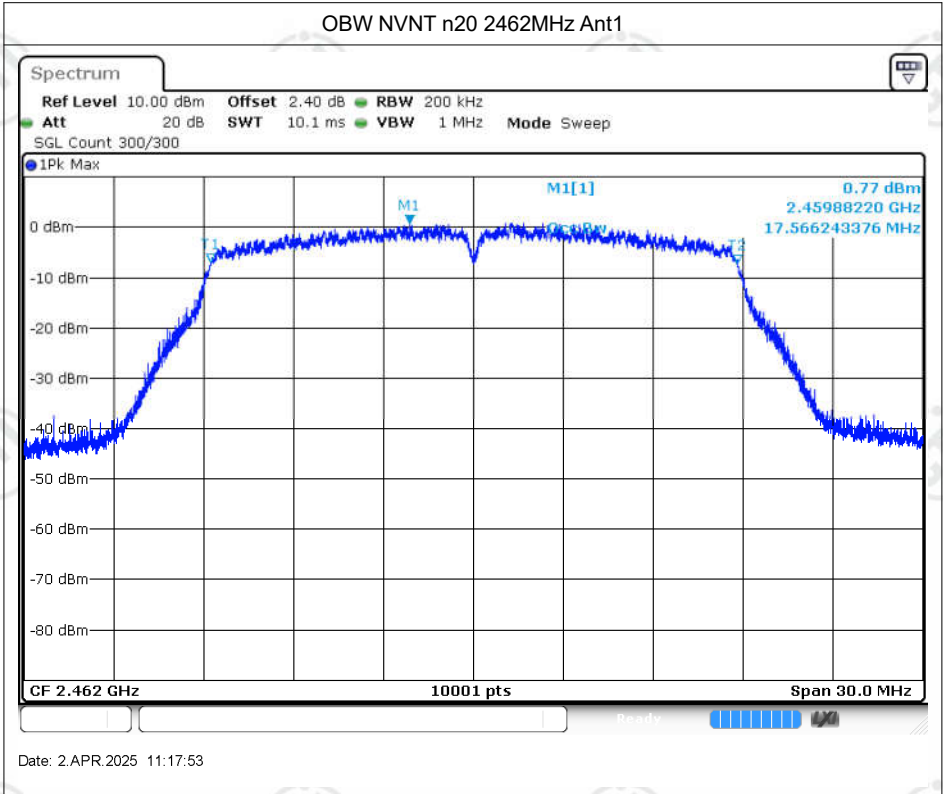


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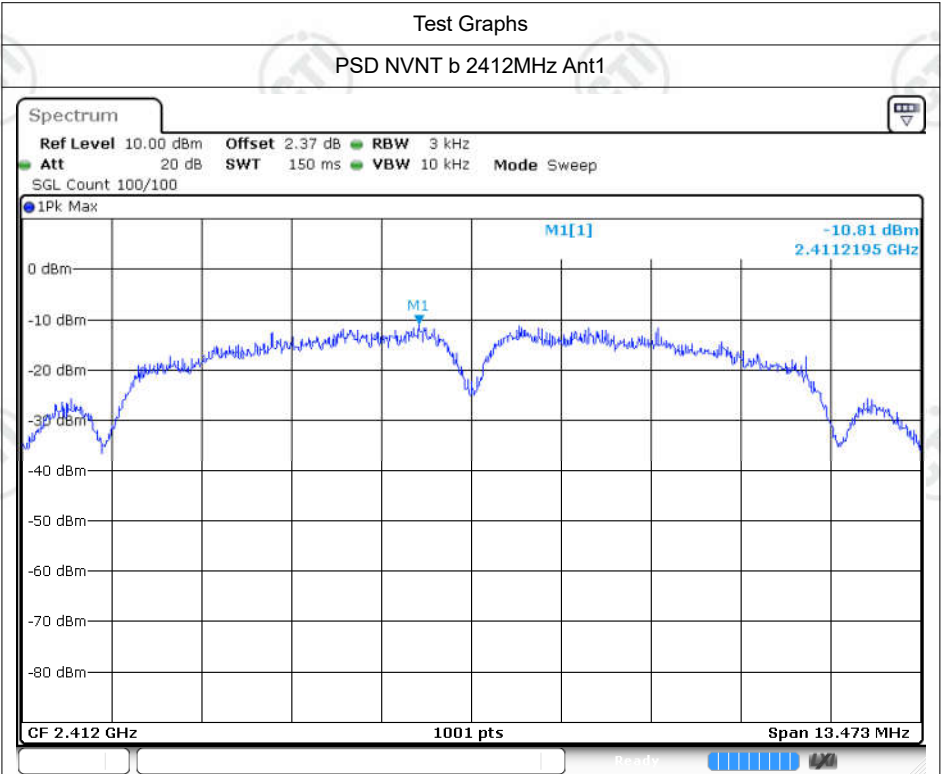
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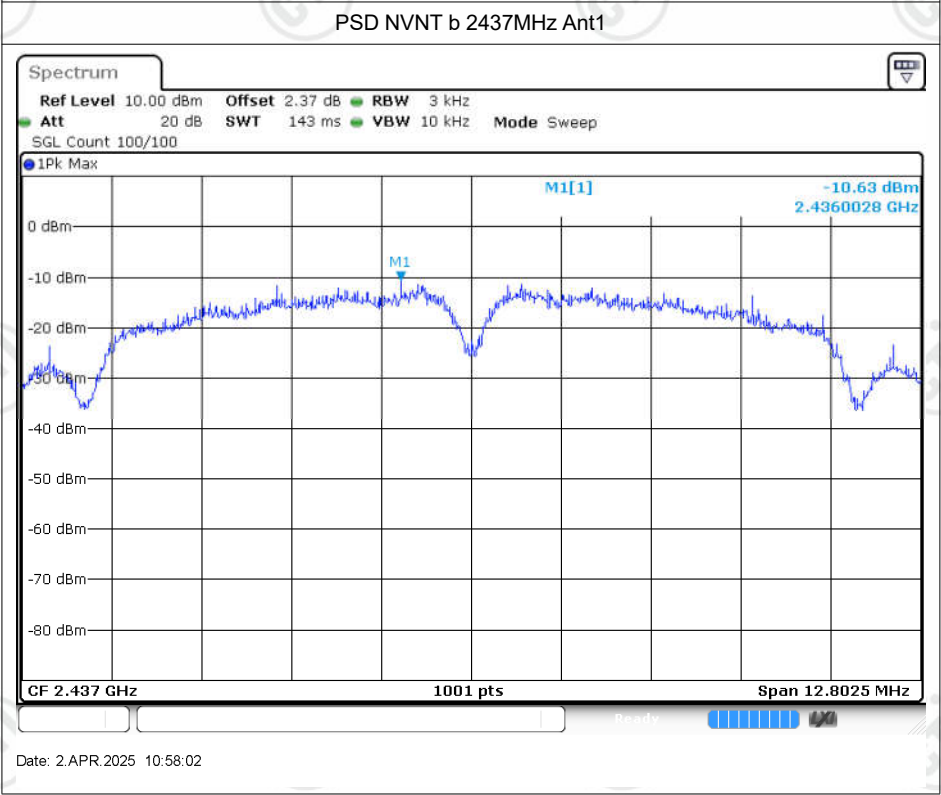


Maximum Power Spectral Density Level

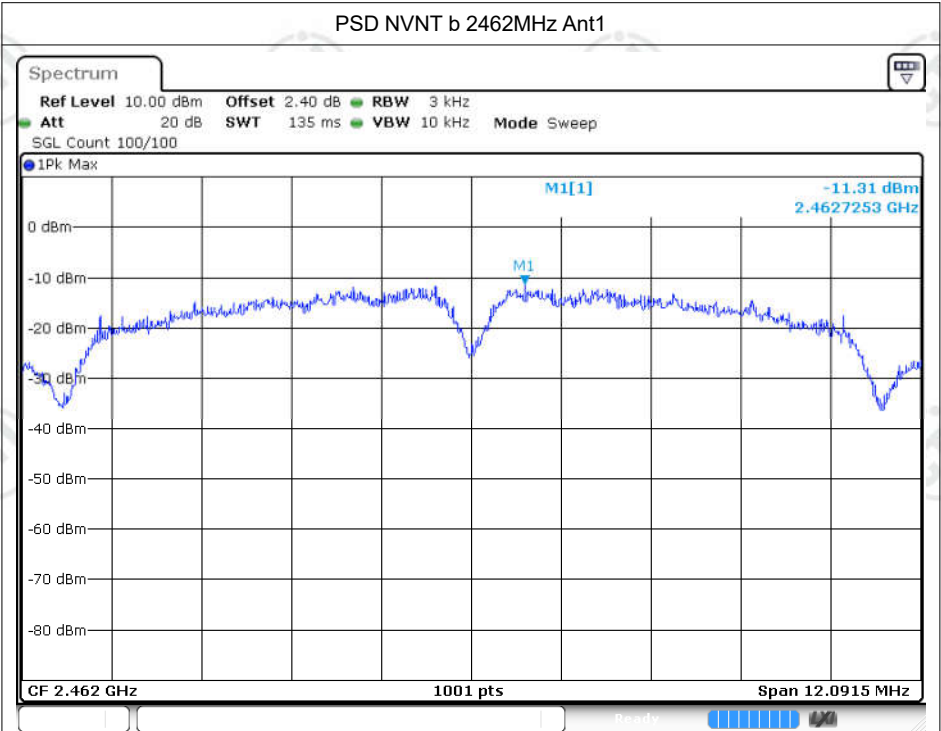
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-10.81	8	Pass
NVNT	b	2437	Ant1	-10.63	8	Pass
NVNT	b	2462	Ant1	-11.31	8	Pass
NVNT	g	2412	Ant1	-14.14	8	Pass
NVNT	g	2437	Ant1	-13.71	8	Pass
NVNT	g	2462	Ant1	-14.51	8	Pass
NVNT	n20	2412	Ant1	-13.94	8	Pass
NVNT	n20	2437	Ant1	-13.28	8	Pass
NVNT	n20	2462	Ant1	-13.14	8	Pass



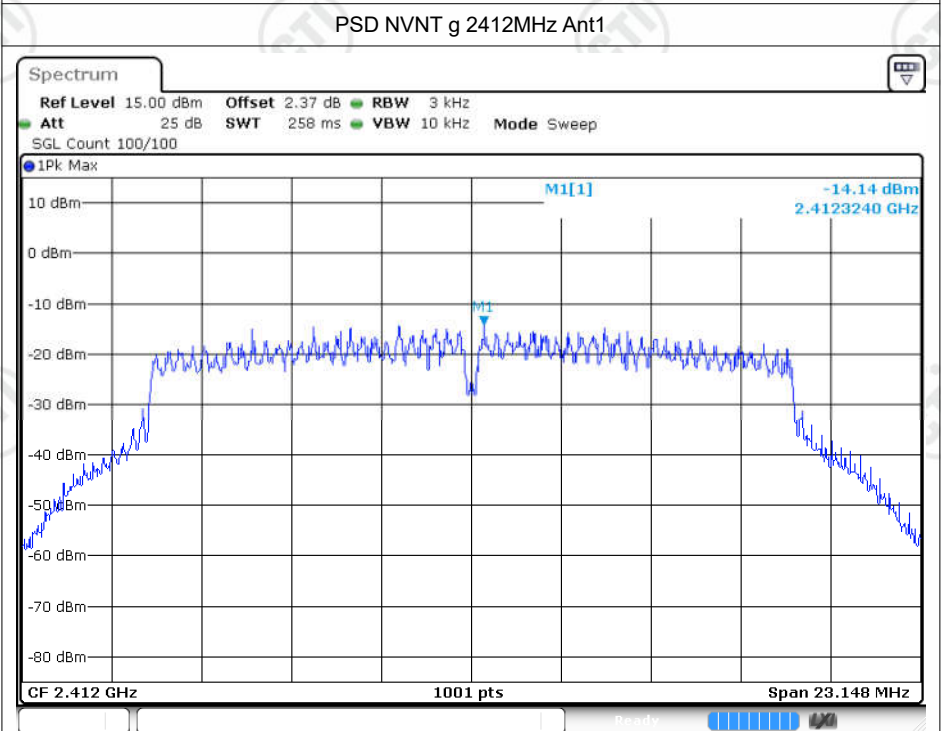
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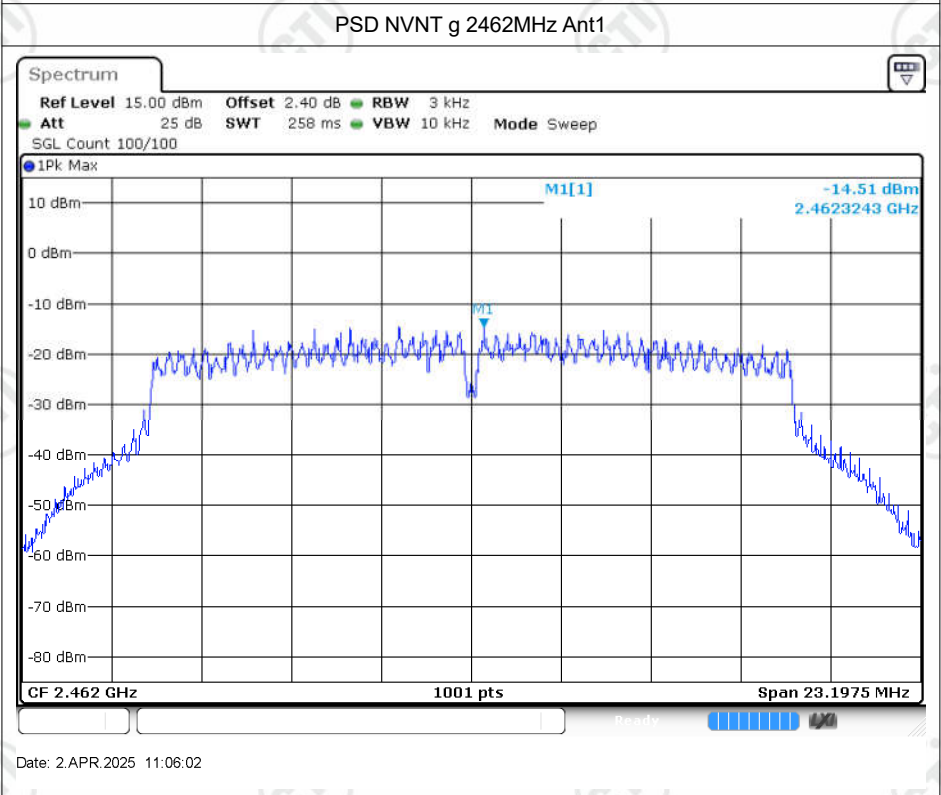
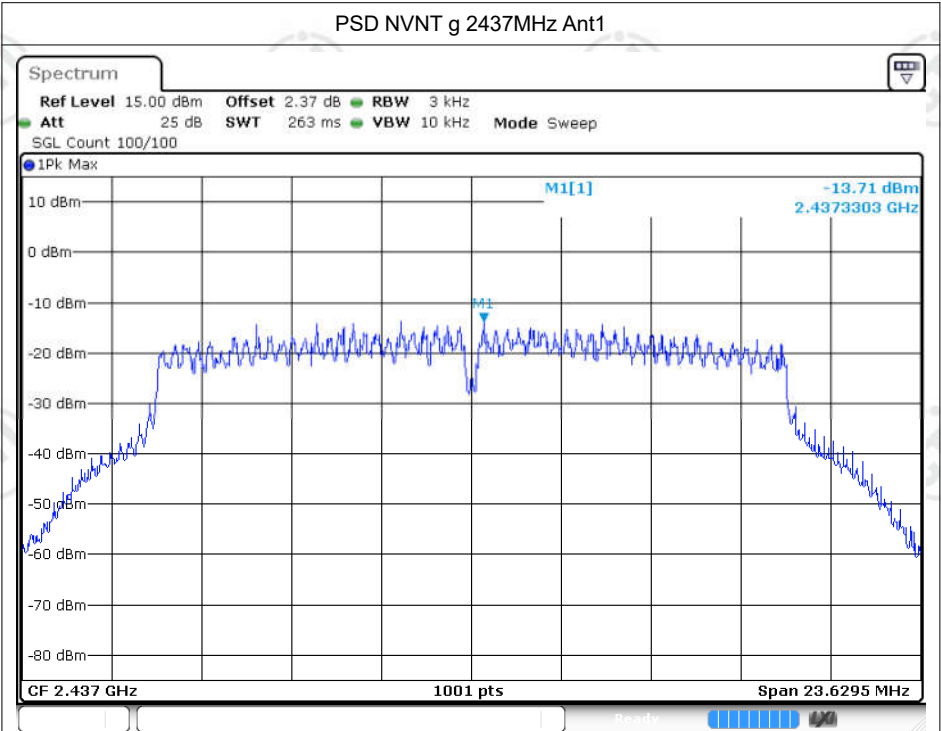
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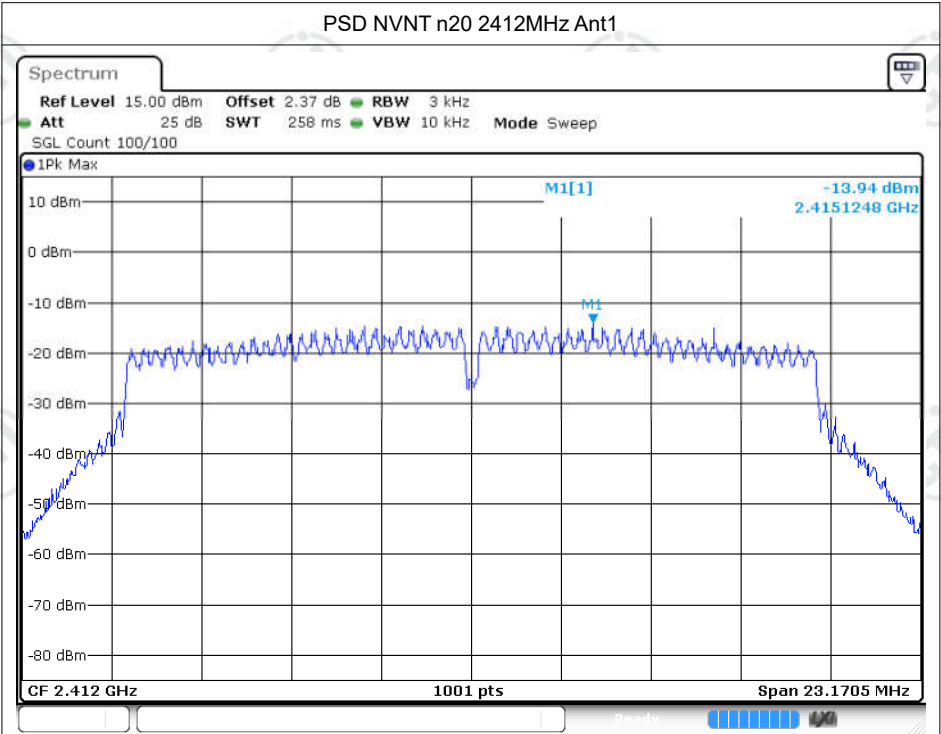


Date: 2.APR.2025 10:58:57

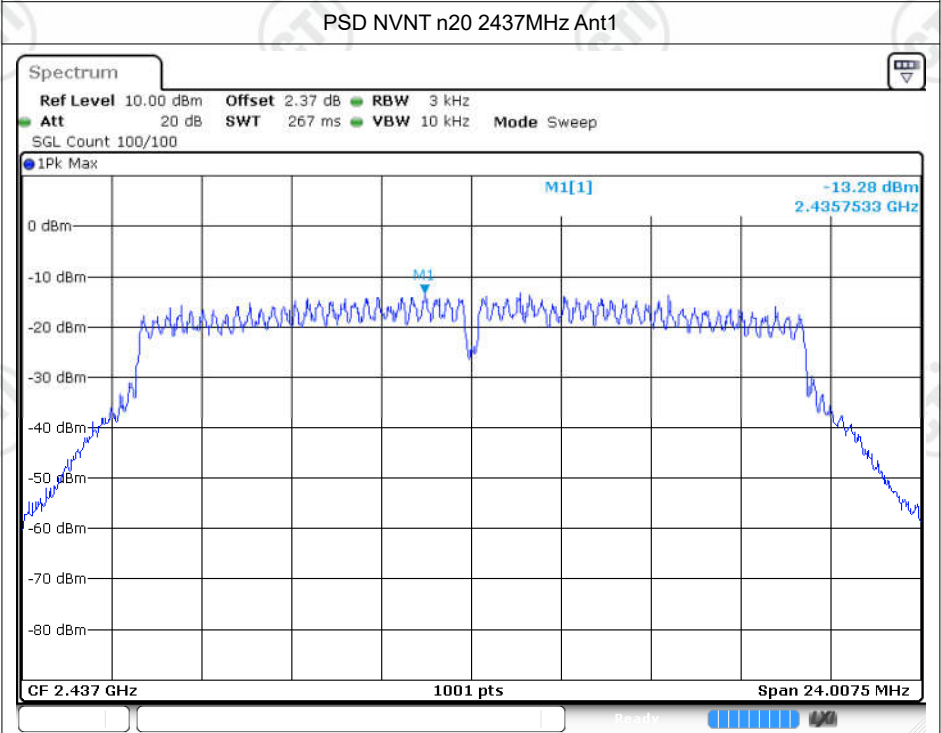


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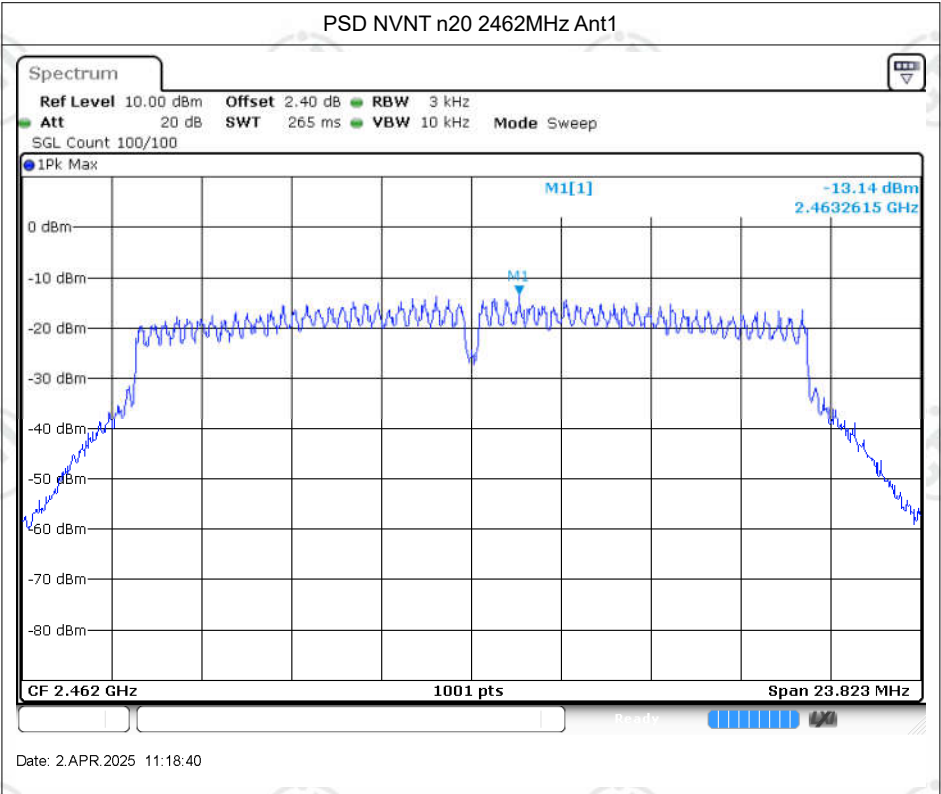




Date: 2.APR.2025 11:09:45

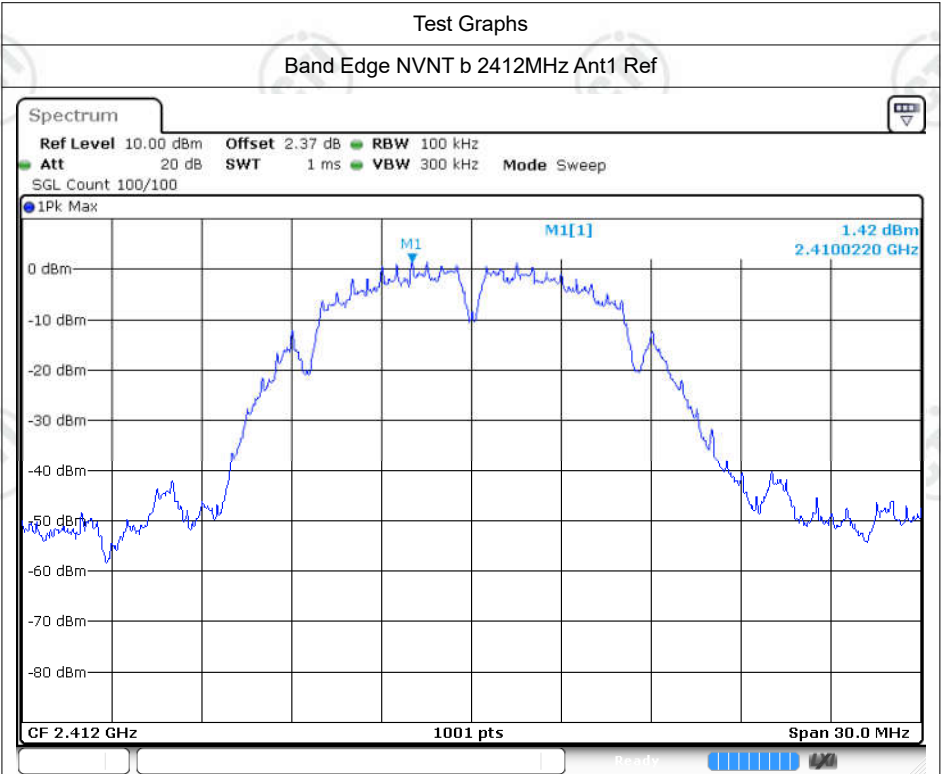


Date: 2.APR.2025 11:12:57

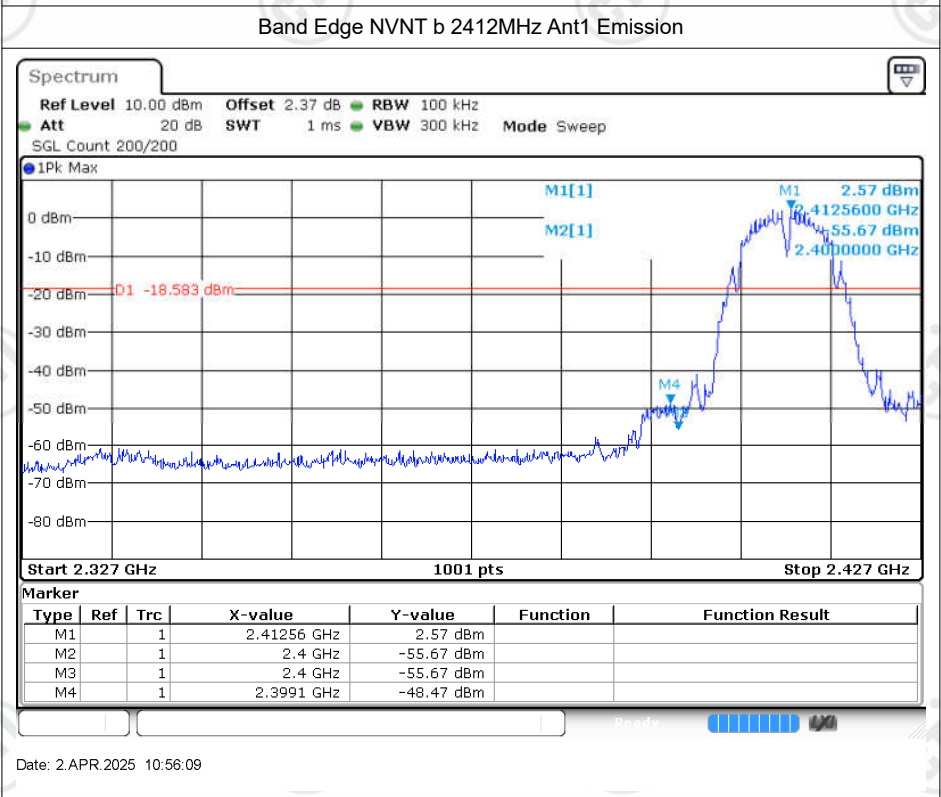


Band Edge

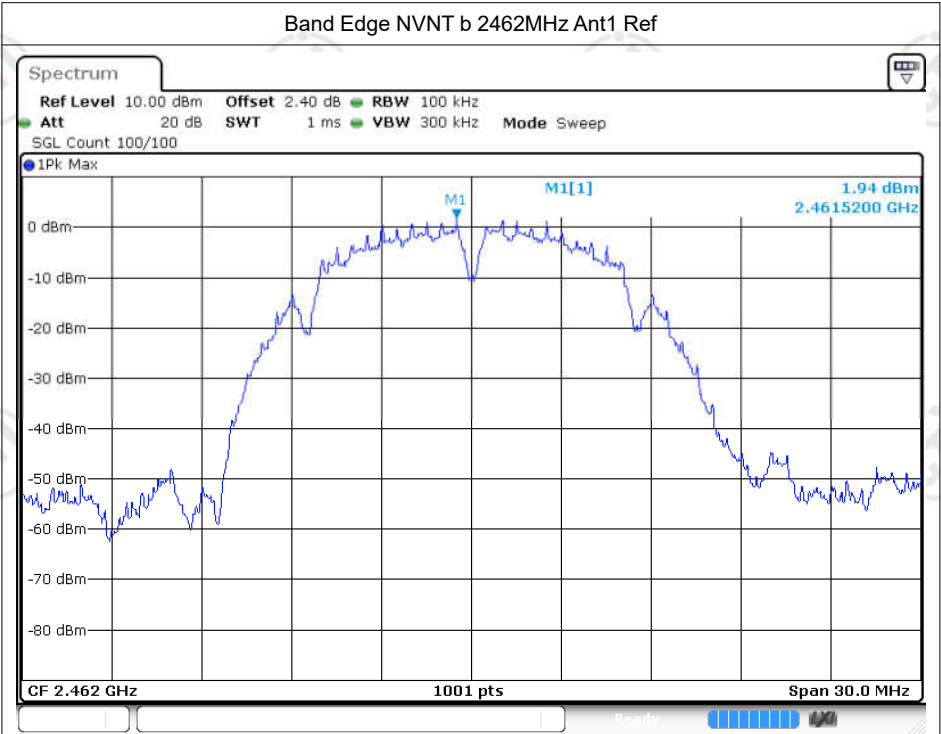
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.88	-20	Pass
NVNT	b	2462	Ant1	-60.69	-20	Pass
NVNT	g	2412	Ant1	-41.9	-20	Pass
NVNT	g	2462	Ant1	-49.25	-20	Pass
NVNT	n20	2412	Ant1	-41.38	-20	Pass
NVNT	n20	2462	Ant1	-47.79	-20	Pass



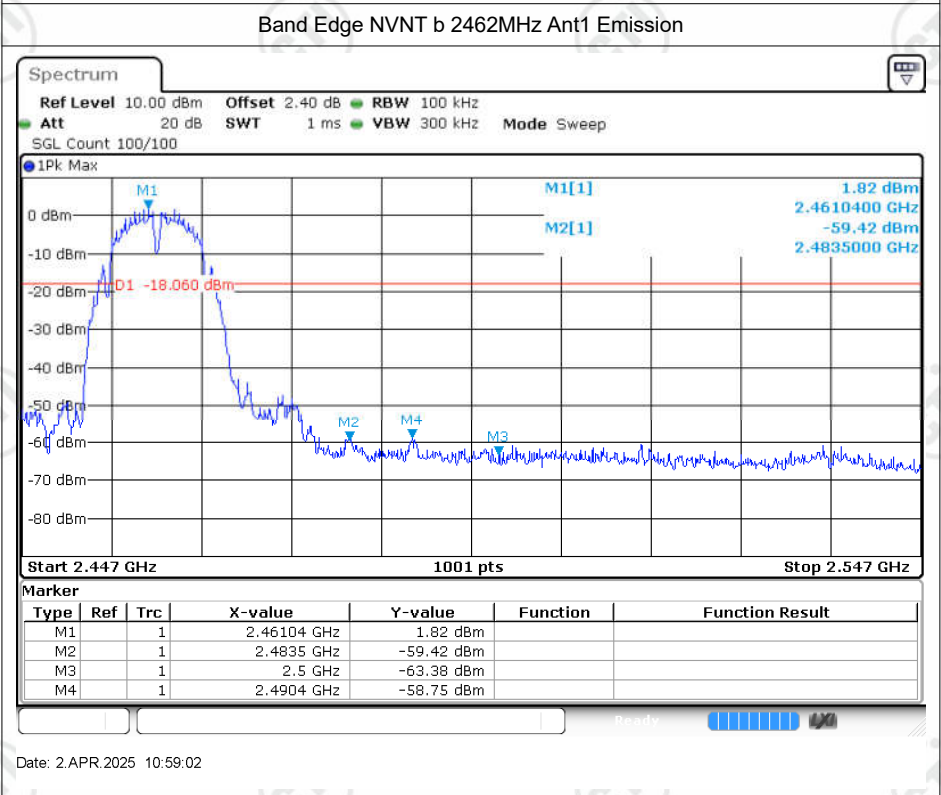
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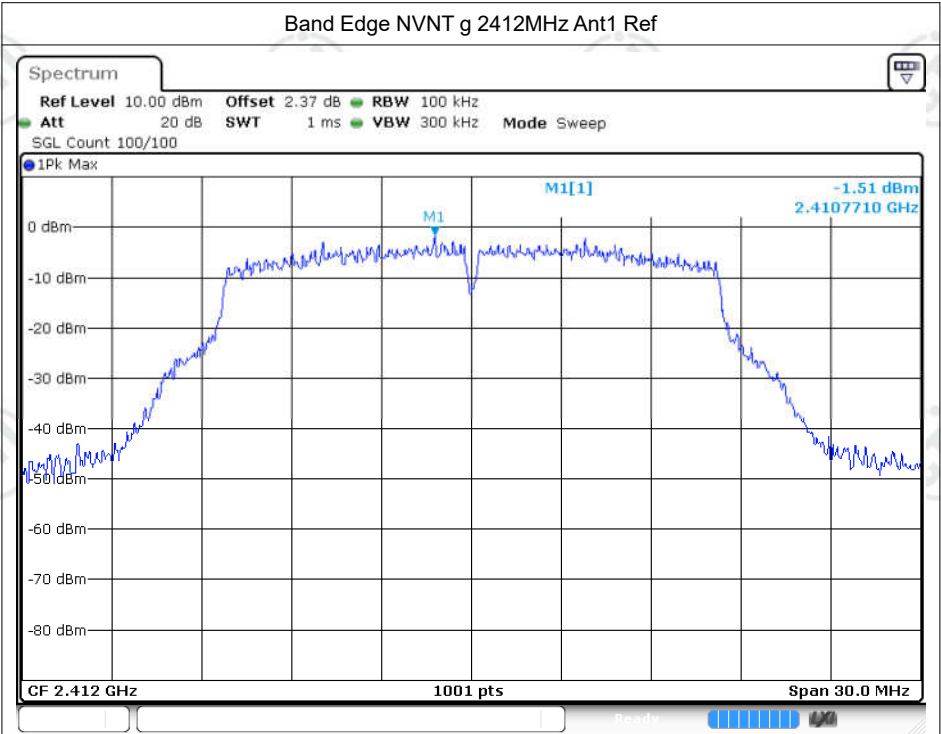
Date: 2.APR.2025 10:56:09



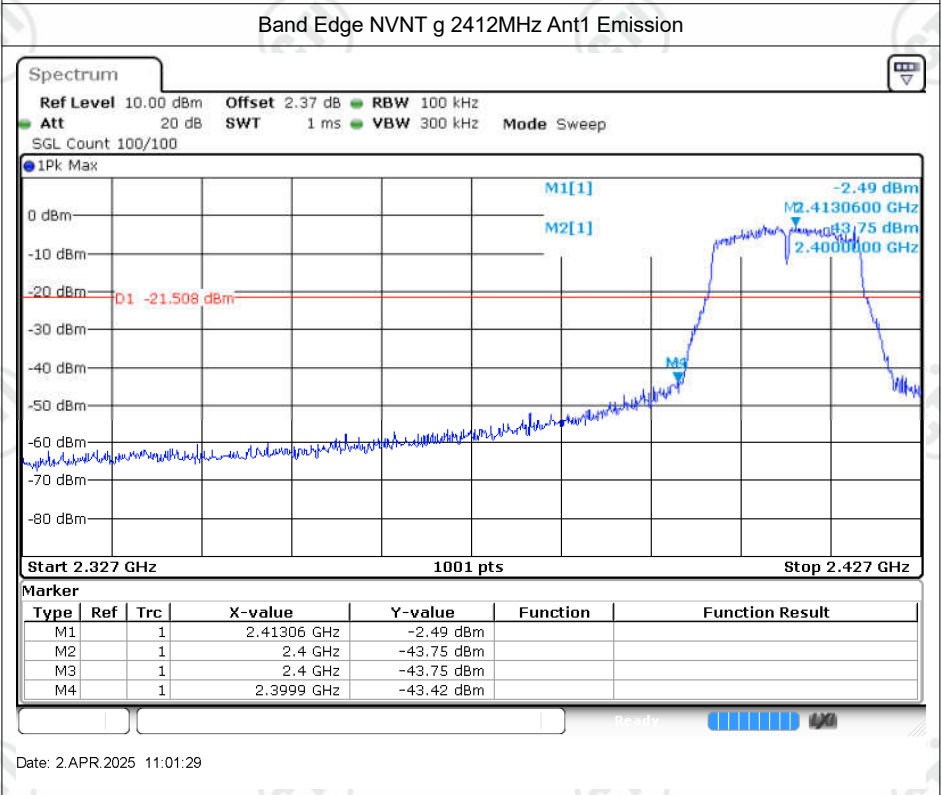
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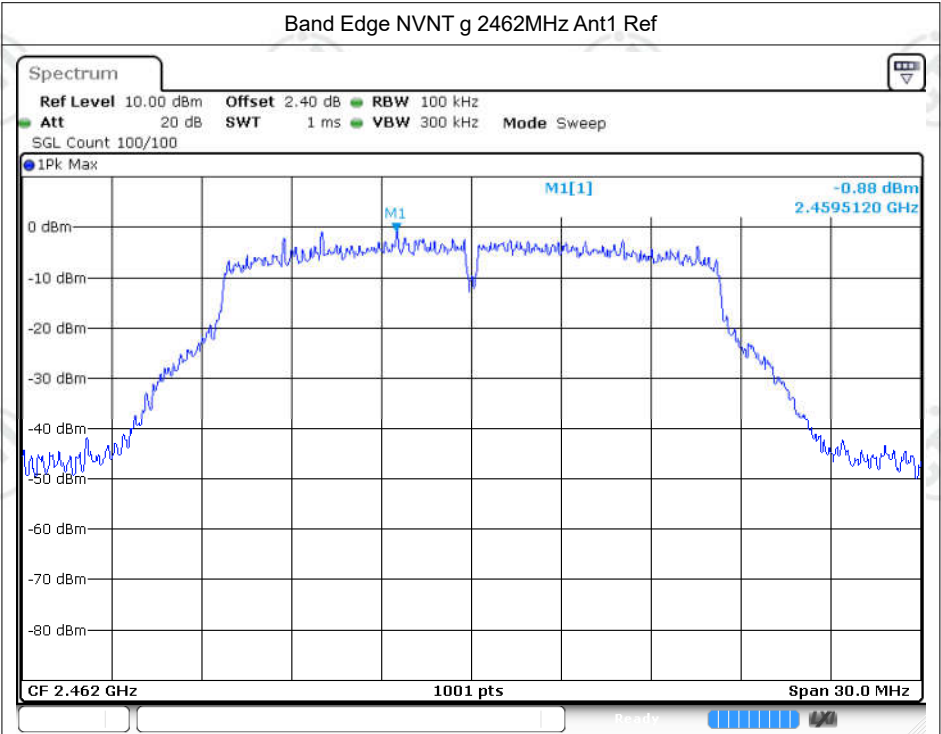
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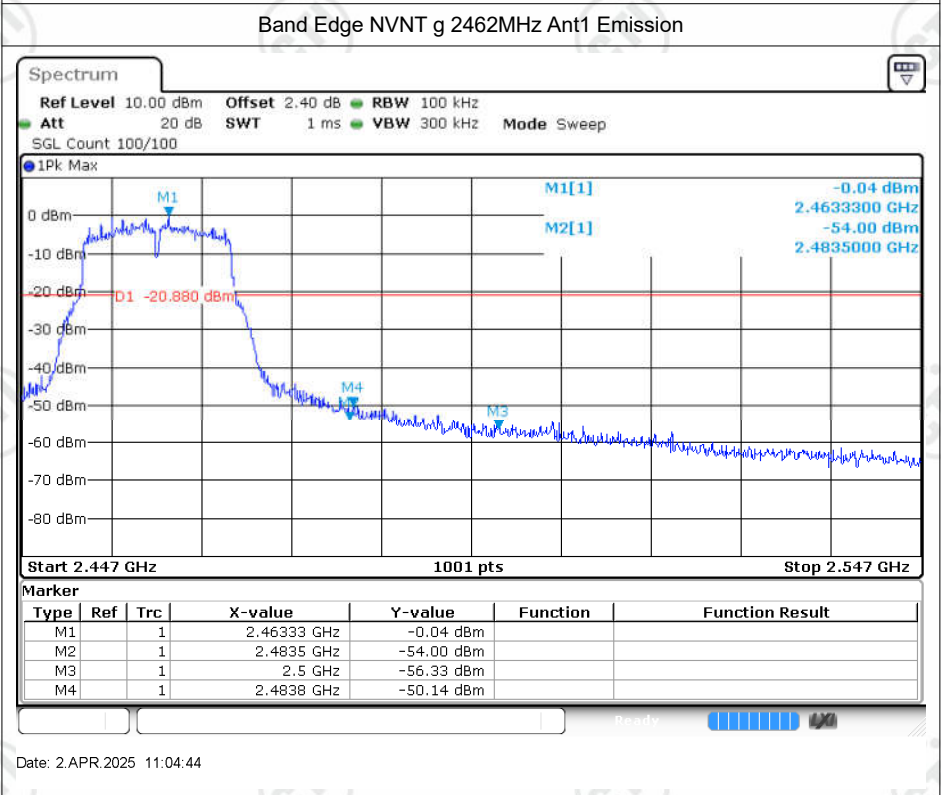
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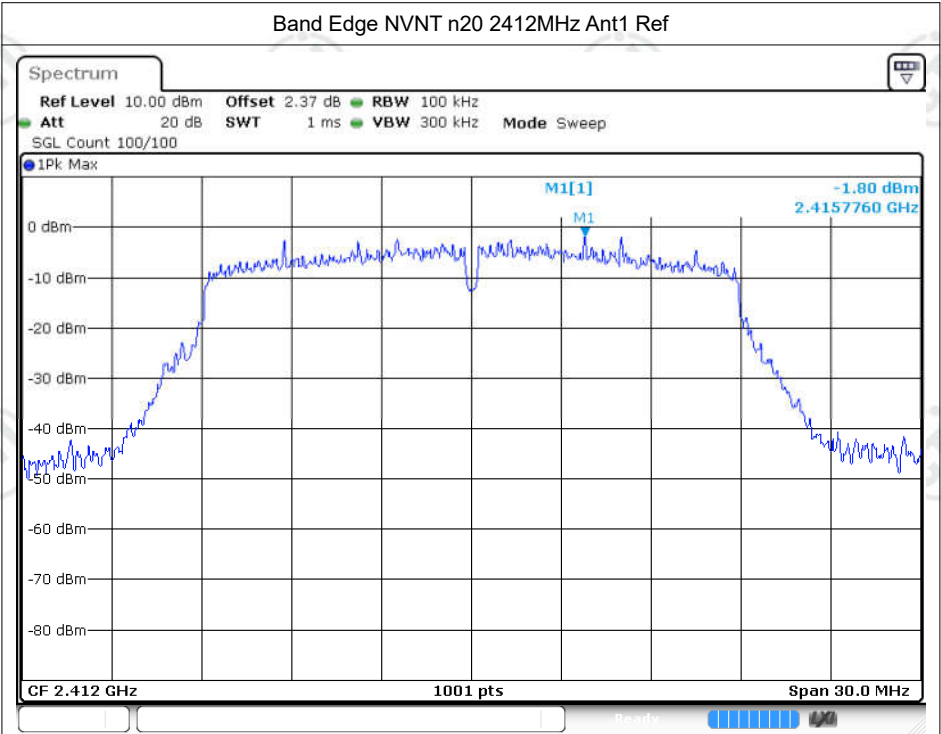
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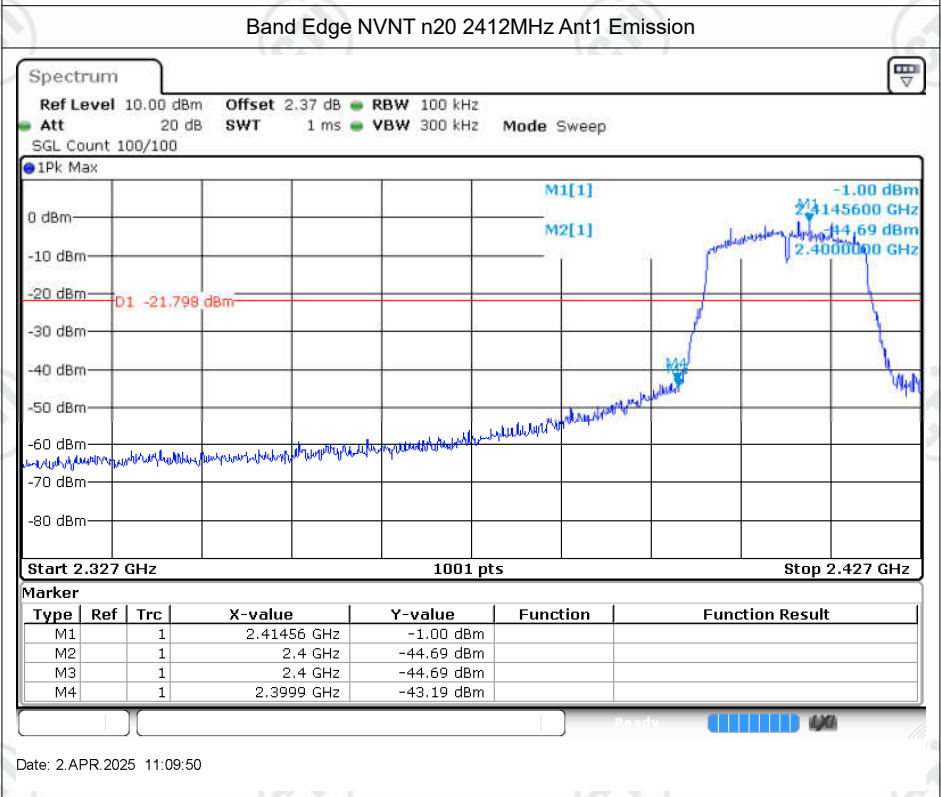
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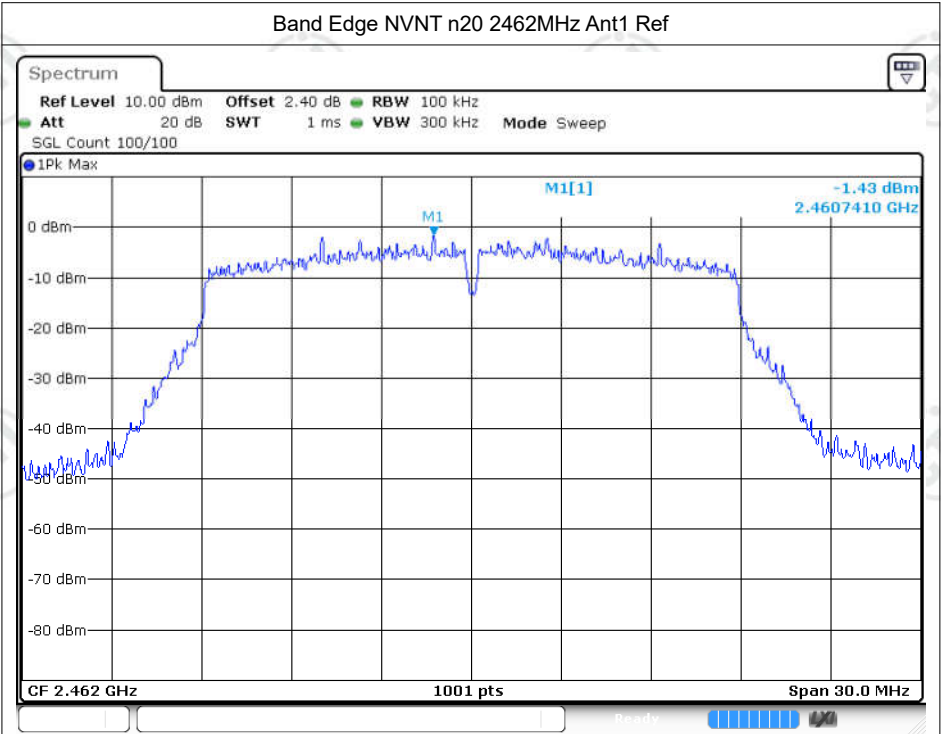
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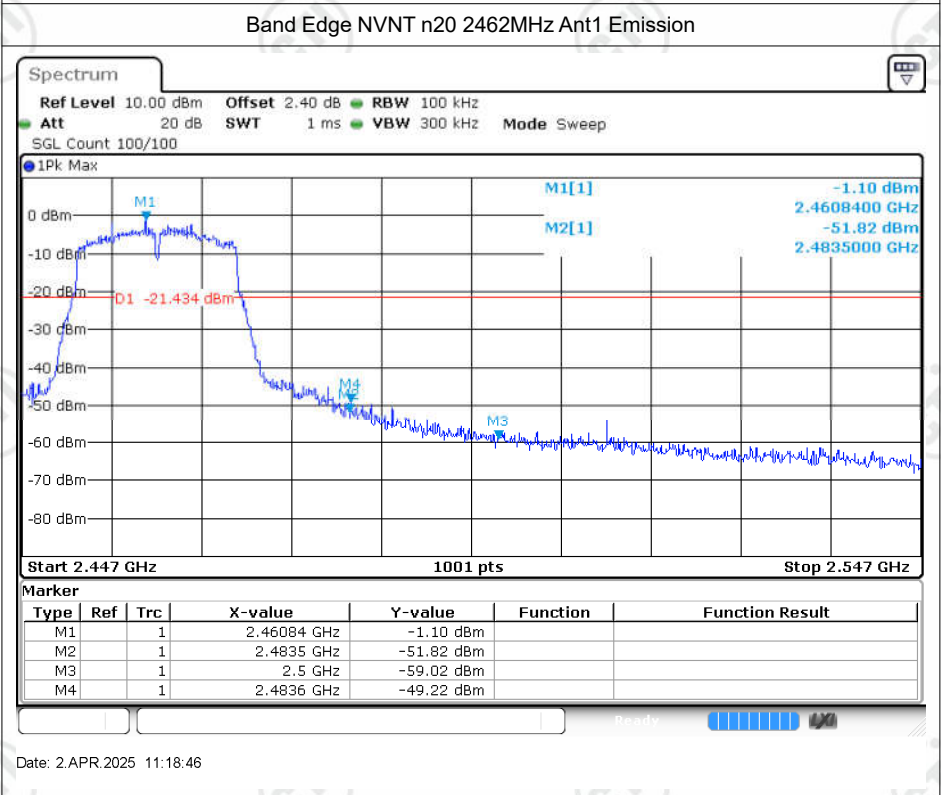
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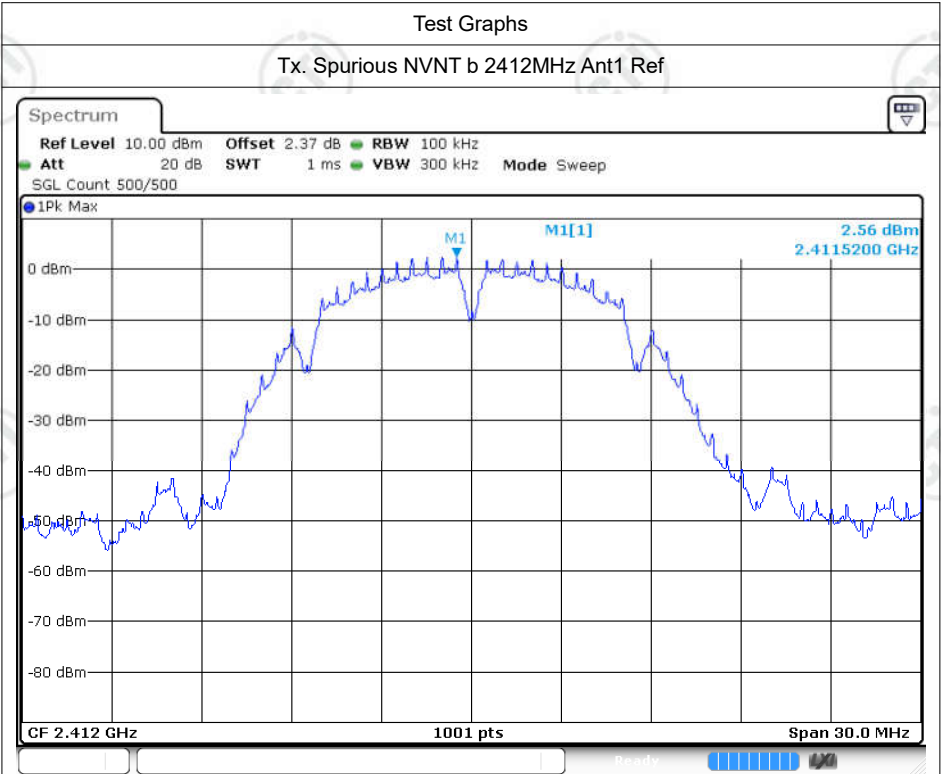
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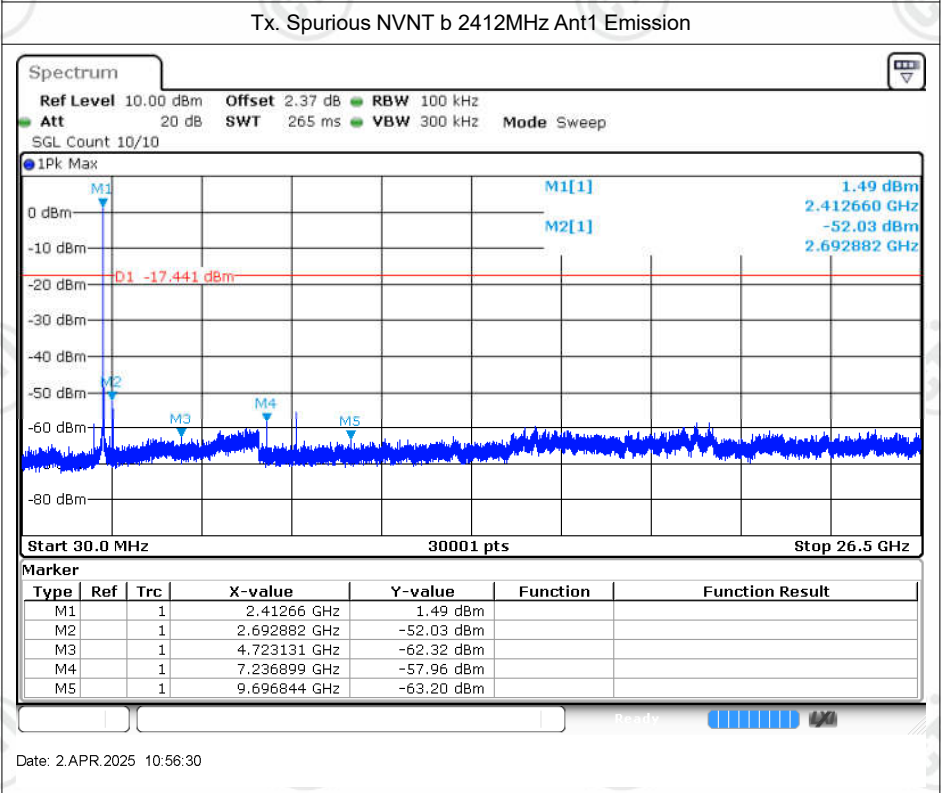
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Conducted RF Spurious Emission

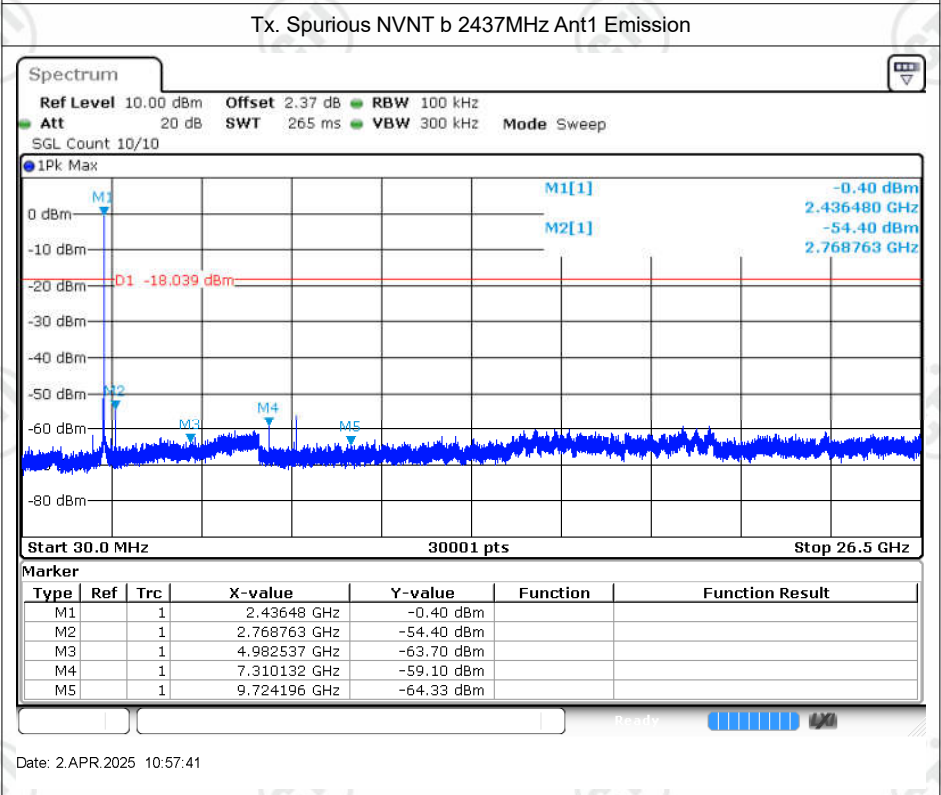
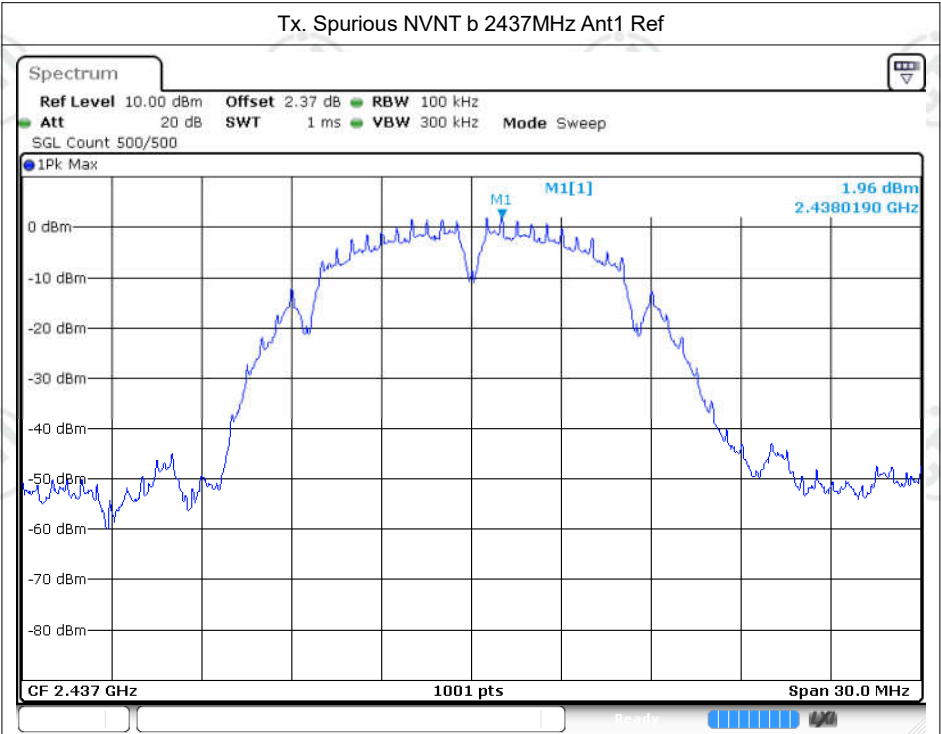
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-54.59	-20	Pass
NVNT	b	2437	Ant1	-56.35	-20	Pass
NVNT	b	2462	Ant1	-57.77	-20	Pass
NVNT	g	2412	Ant1	-55.33	-20	Pass
NVNT	g	2437	Ant1	-54.71	-20	Pass
NVNT	g	2462	Ant1	-56.3	-20	Pass
NVNT	n20	2412	Ant1	-55.11	-20	Pass
NVNT	n20	2437	Ant1	-56.2	-20	Pass
NVNT	n20	2462	Ant1	-54.72	-20	Pass

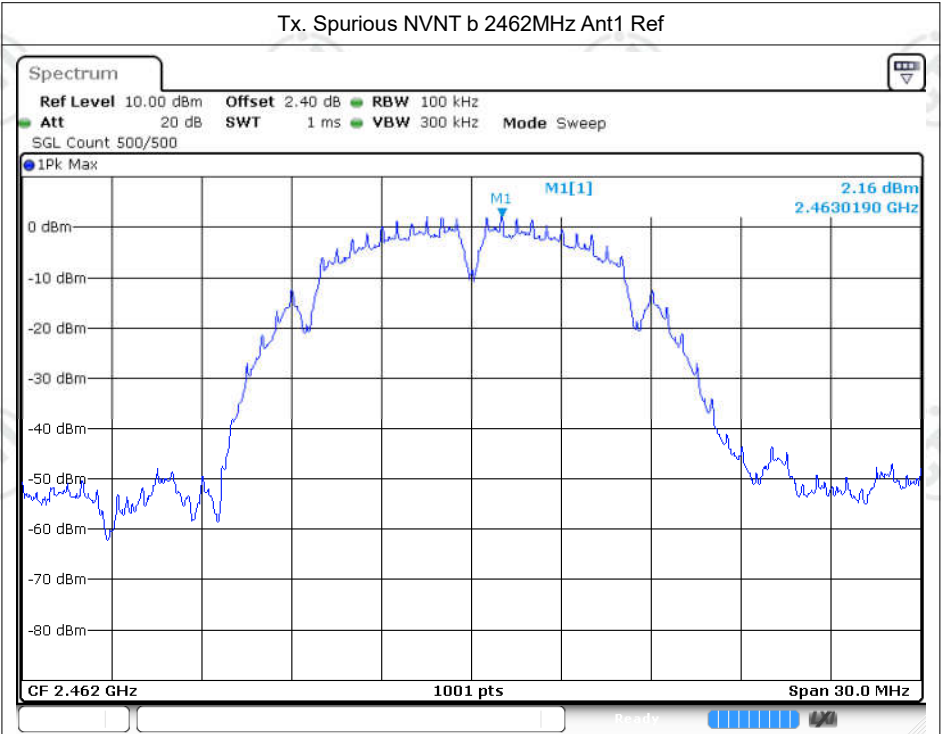


Date: 2.APR.2025 10:56:19

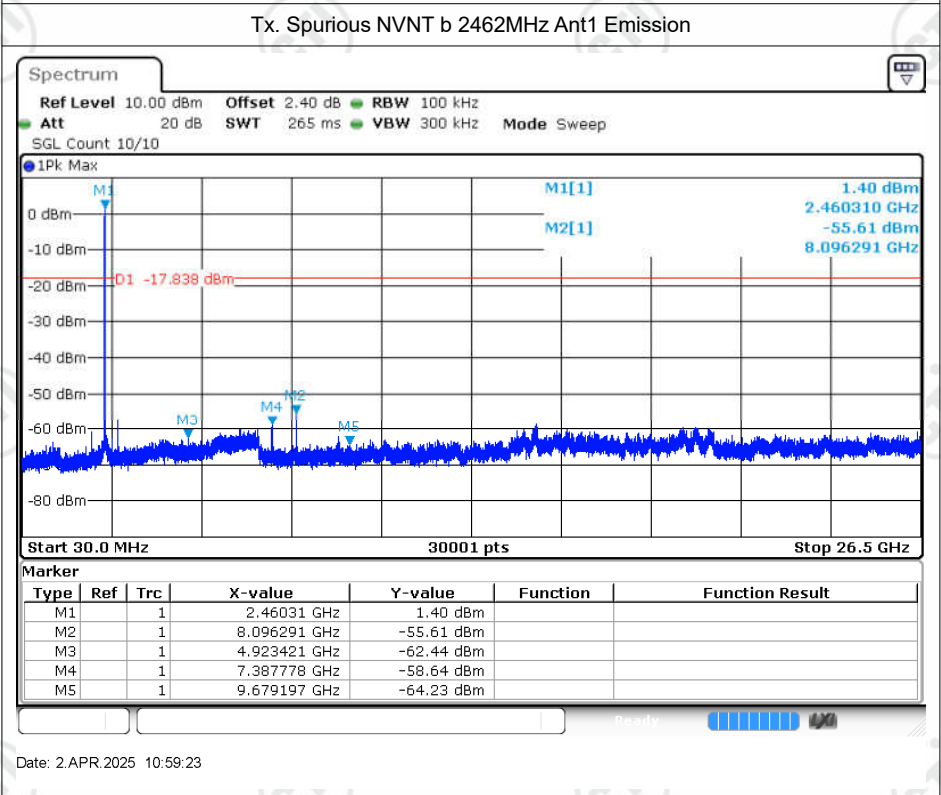


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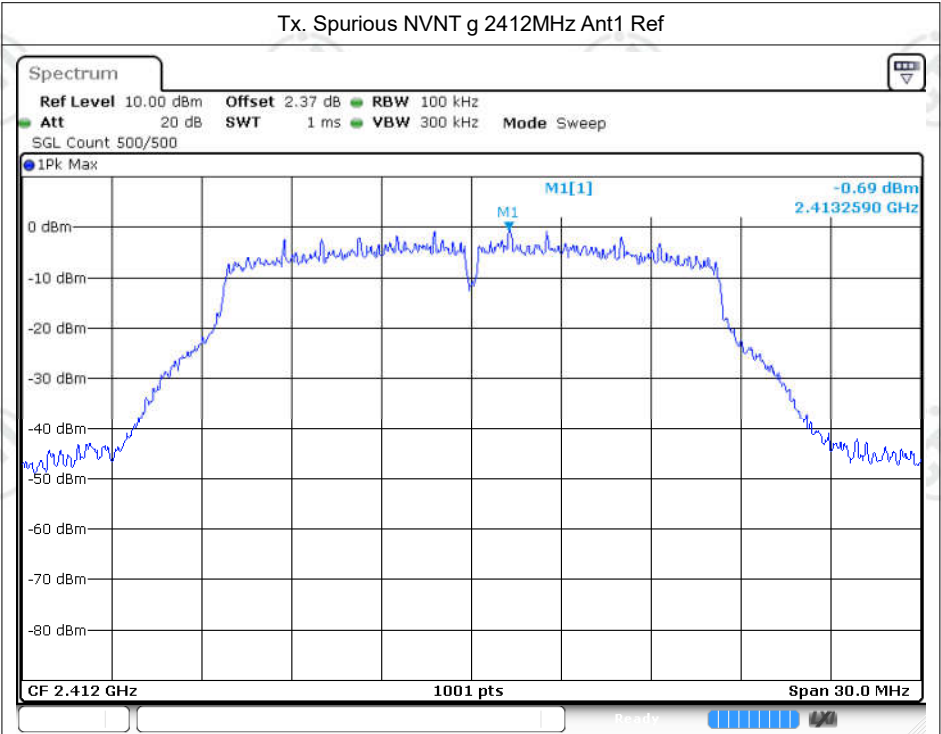




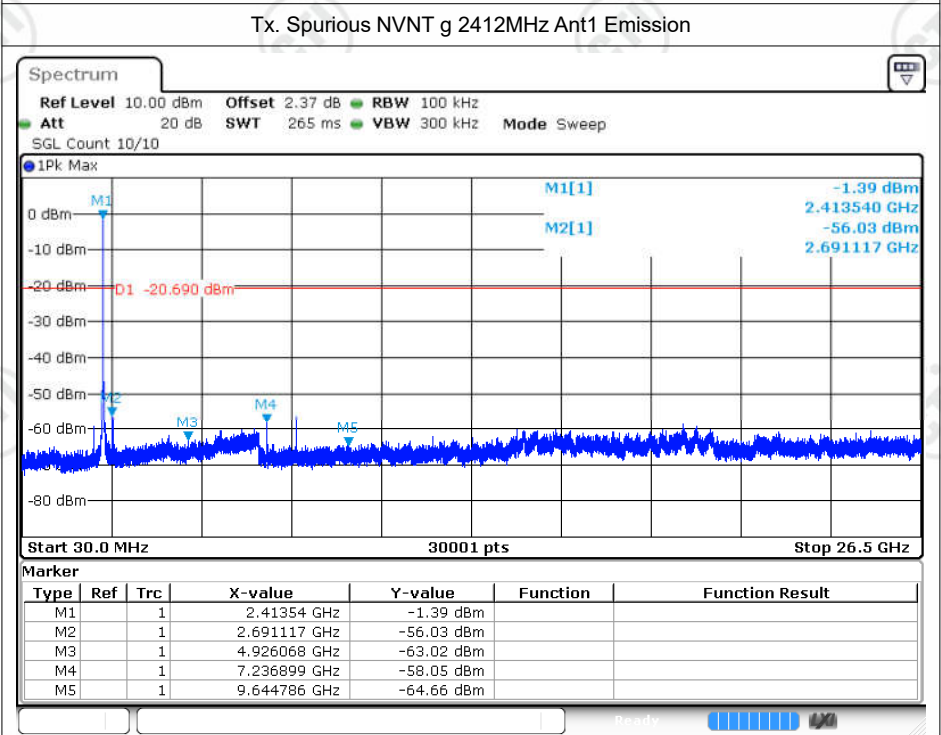
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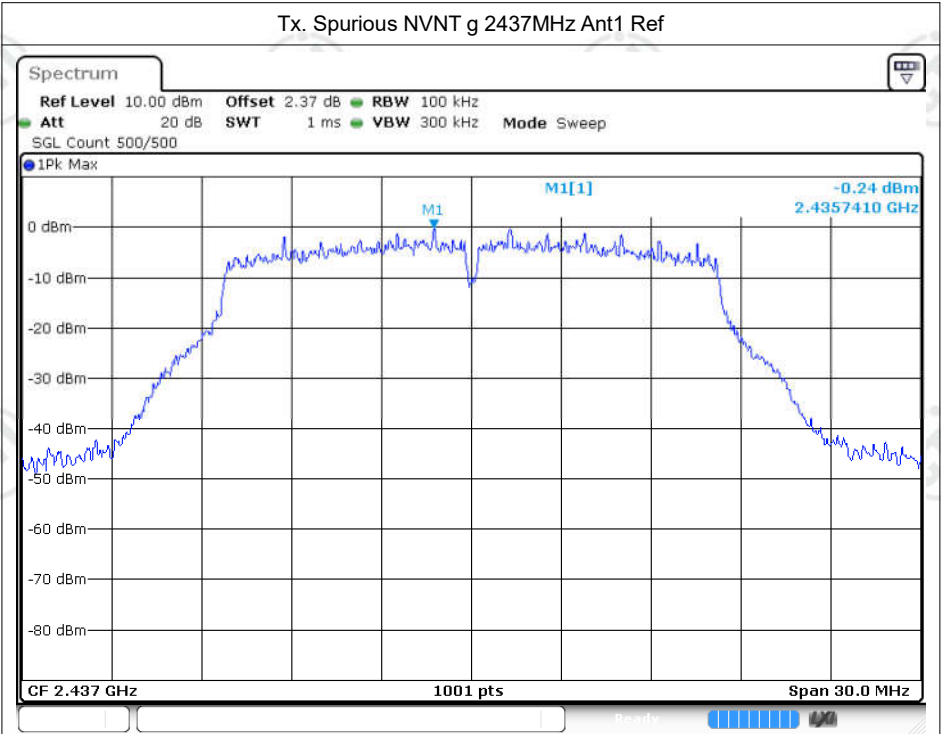
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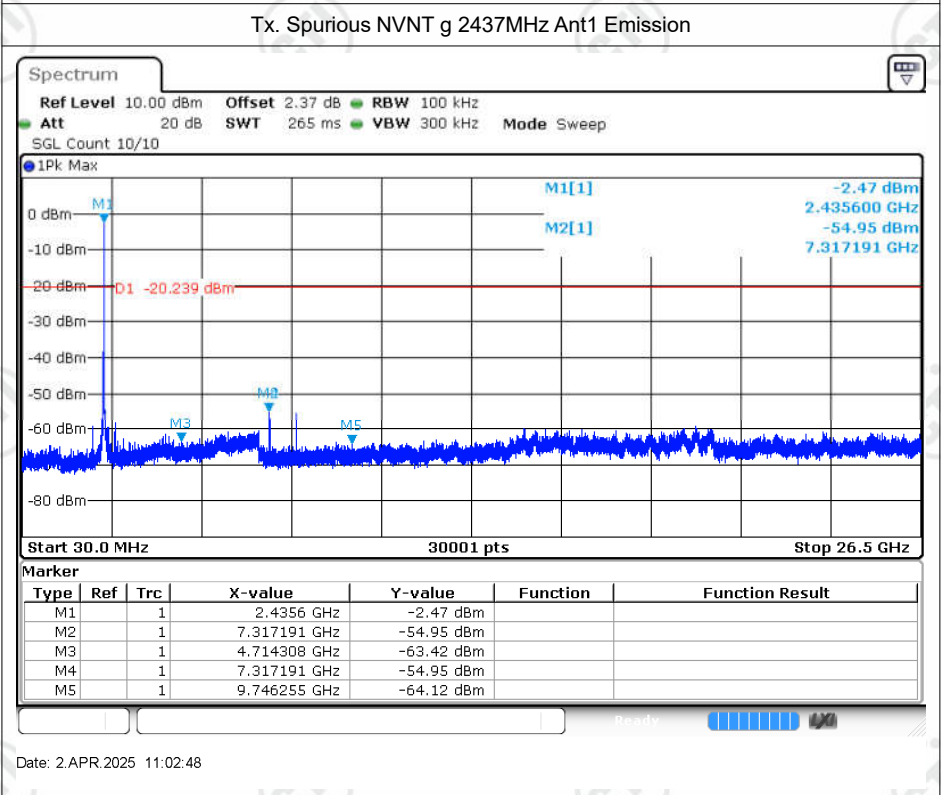
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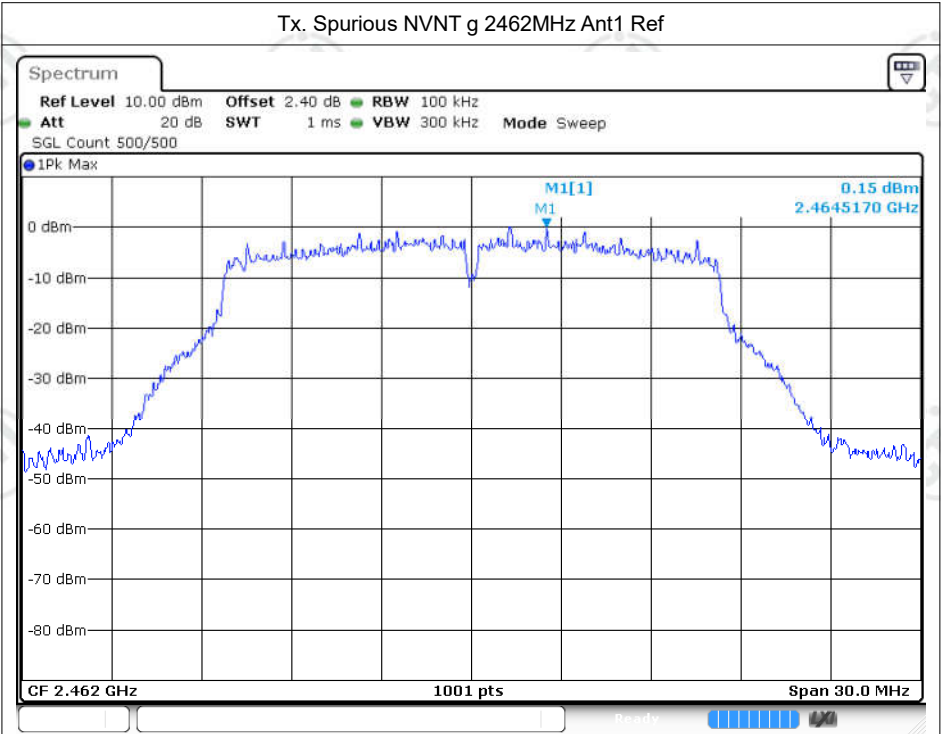
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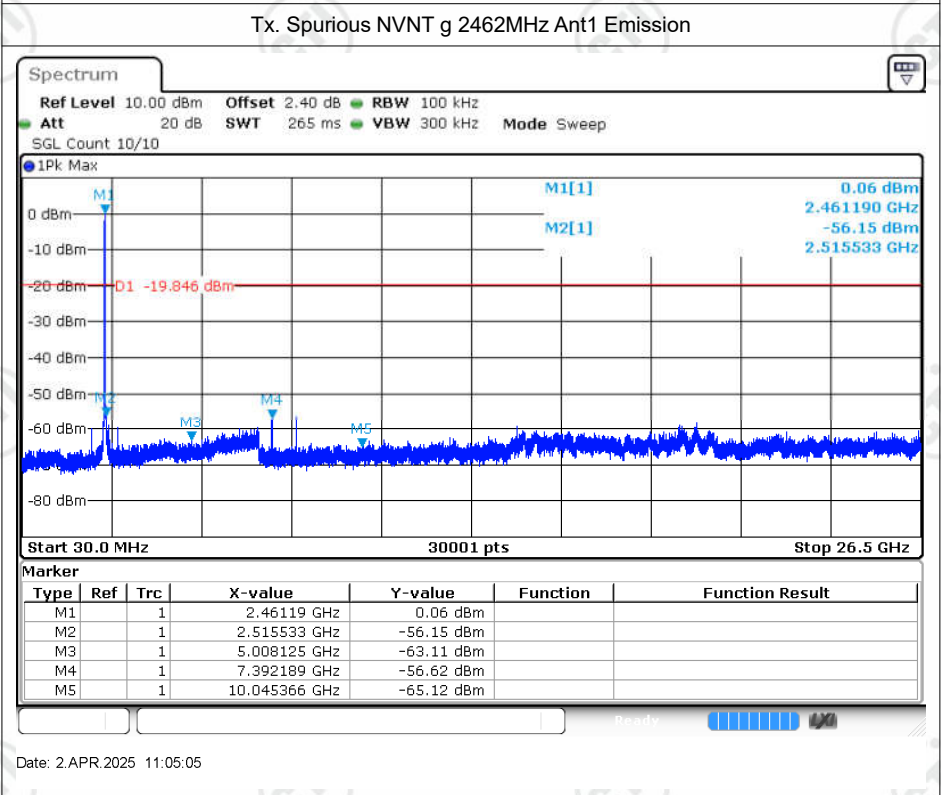
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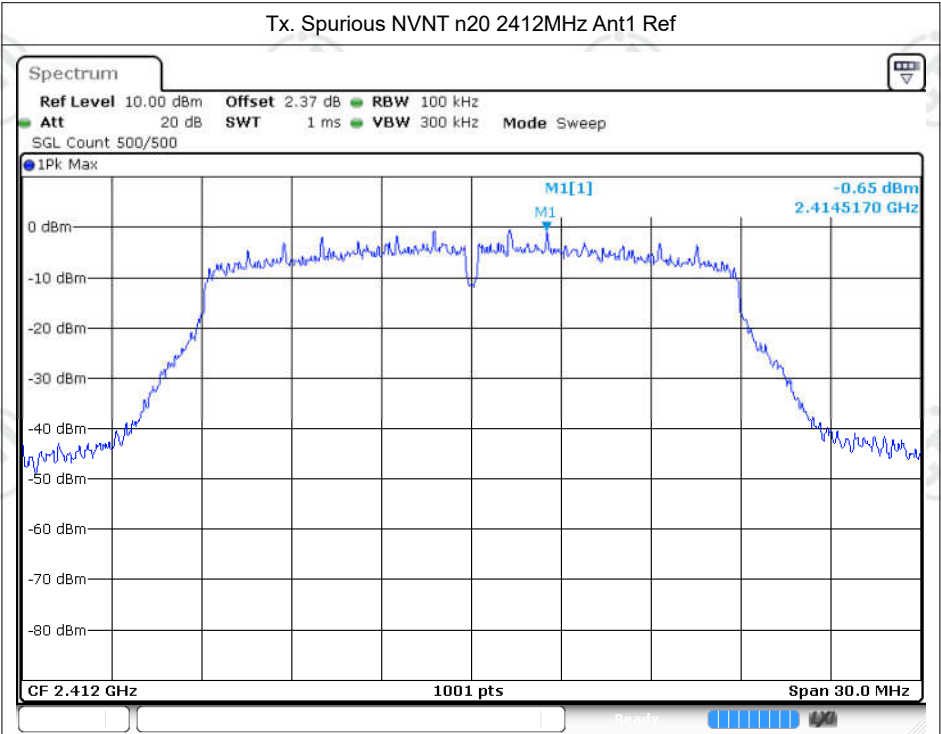
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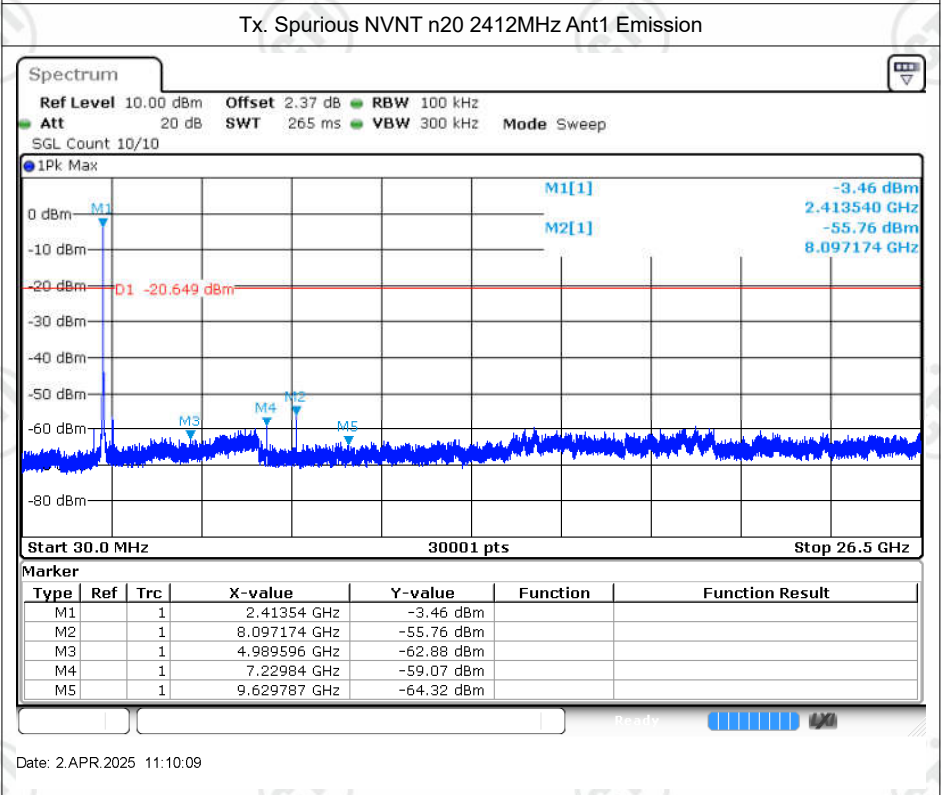
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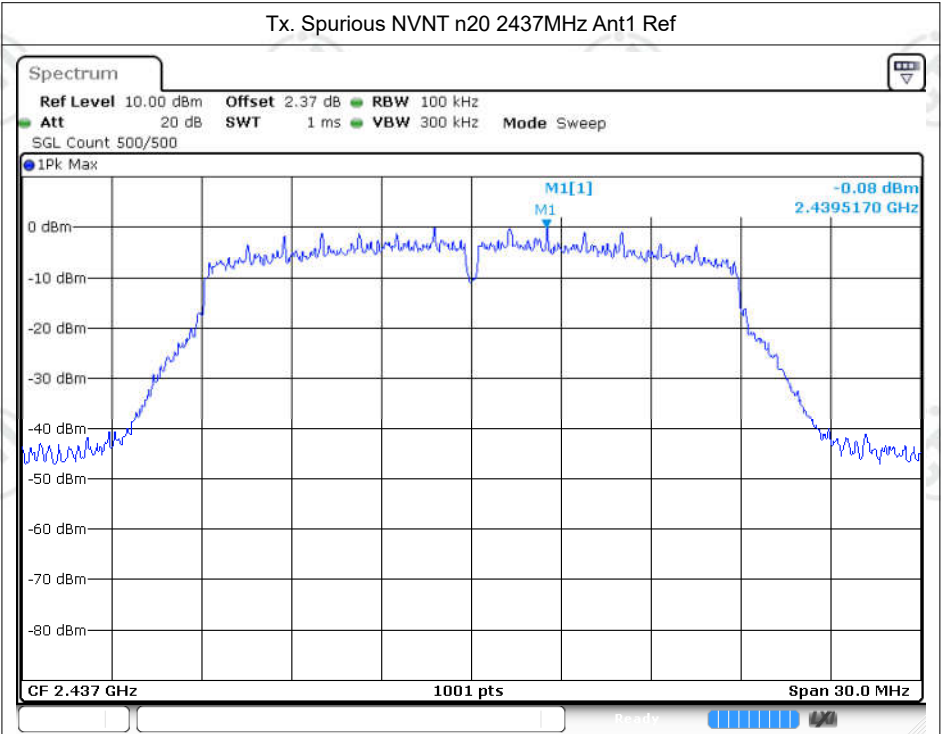
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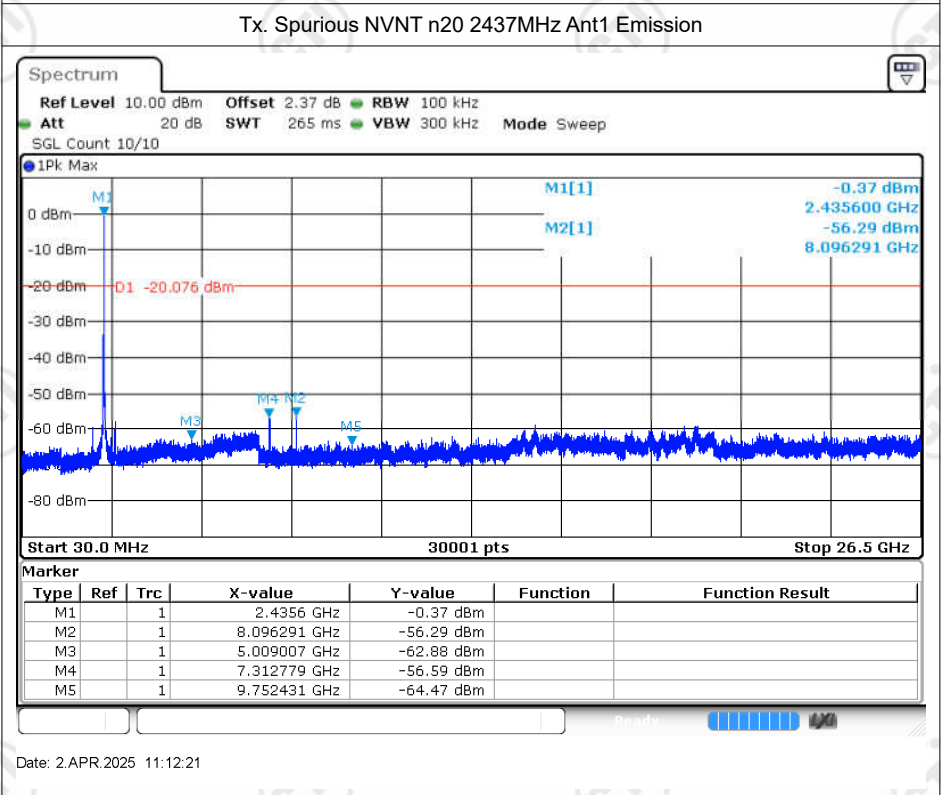
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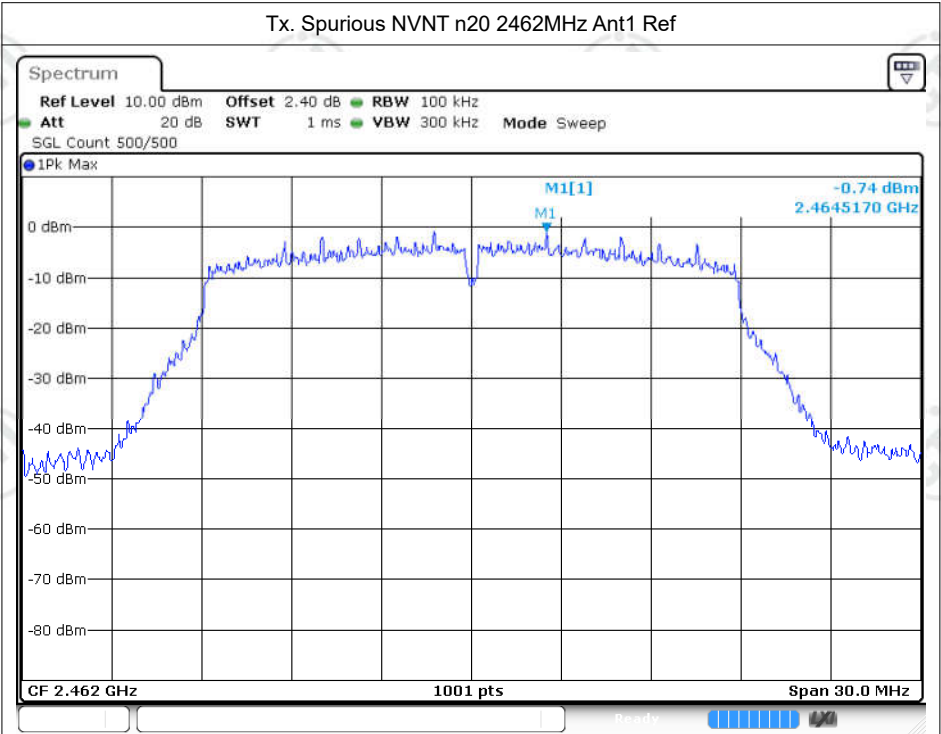
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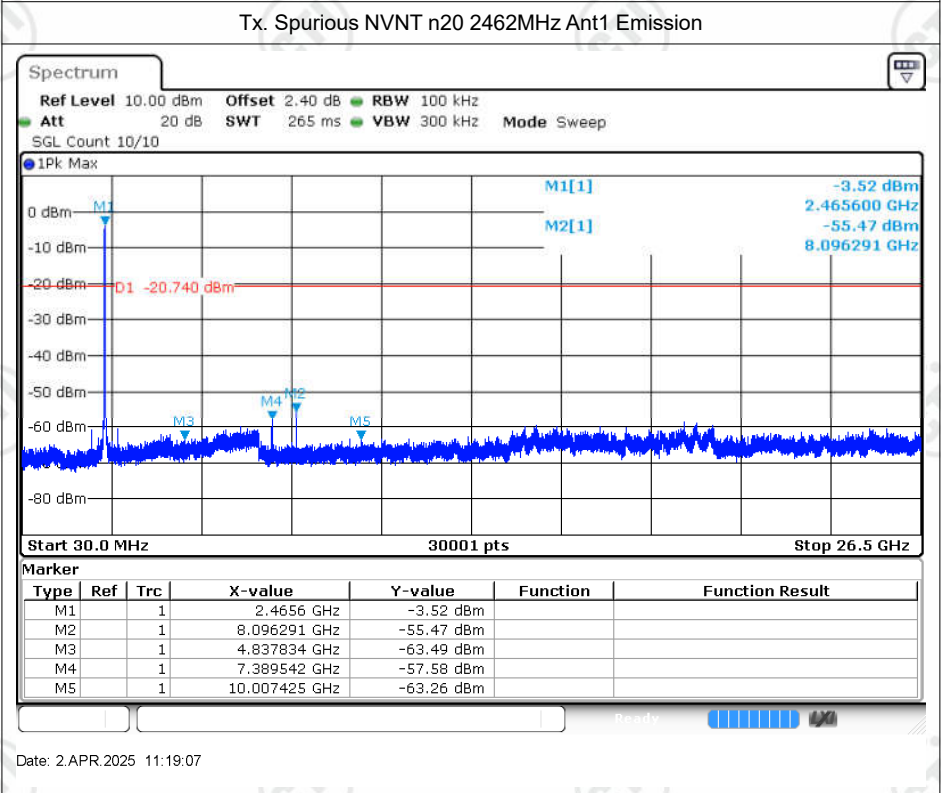
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Date: 2 APR.2025 11:12:21



Date: 2 APR.2025 11:18:56



Date: 2 APR.2025 11:19:07

END OF REPORT