

Appendix: 2.4G Wi-Fi

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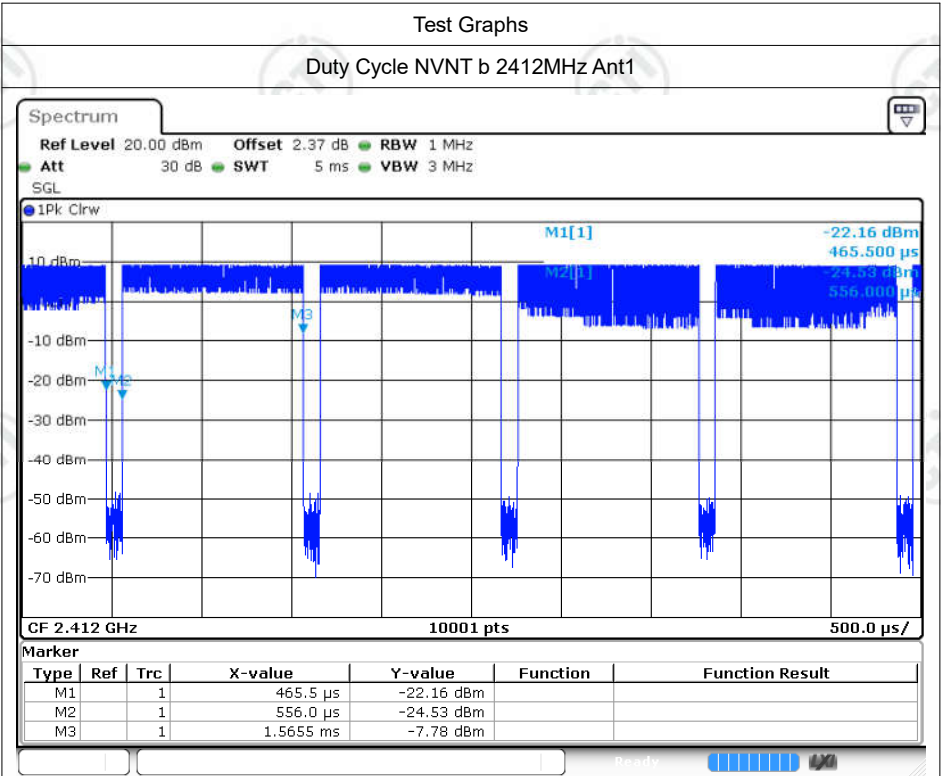
Maximum Power Spectral Density Level 25

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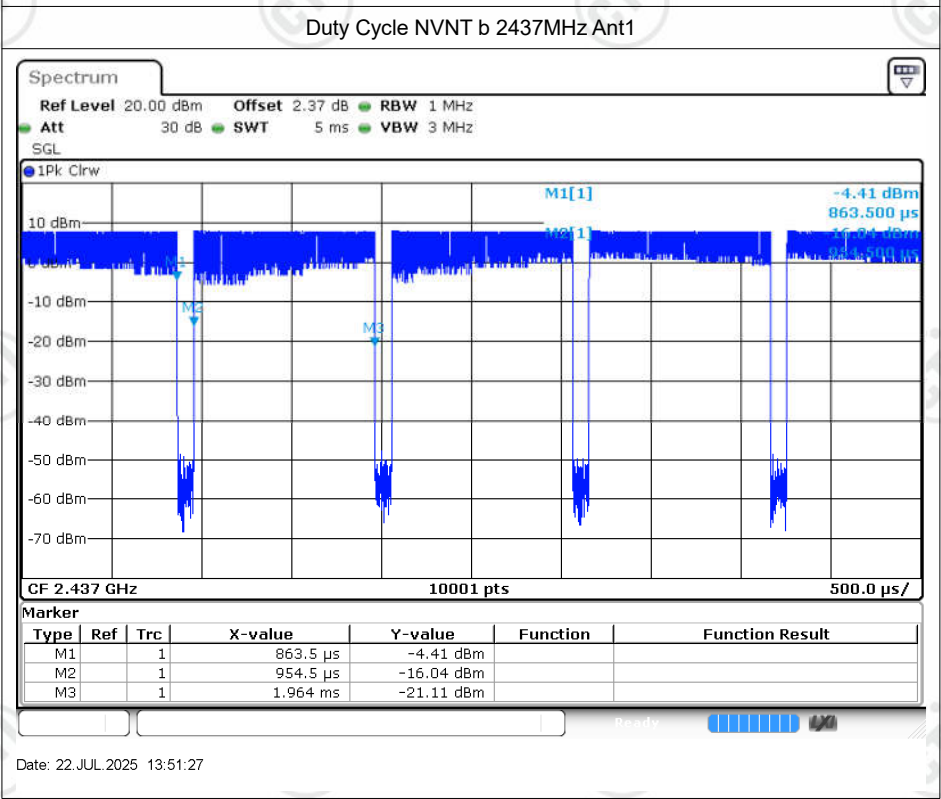
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Duty Cycle

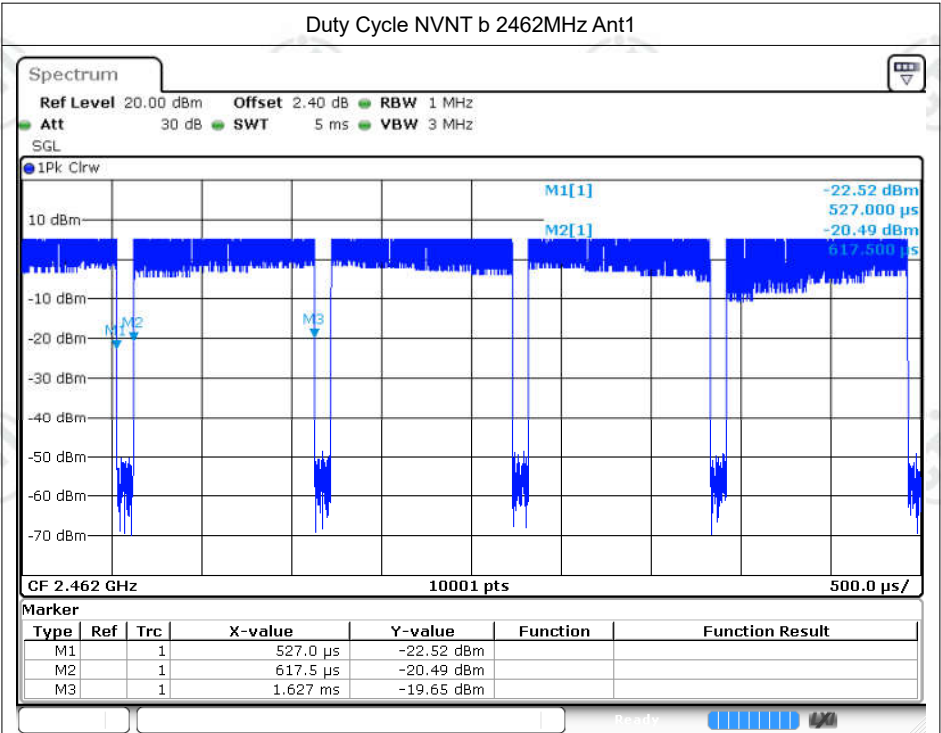
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	91.77	0.37	0.99
NVNT	b	2437	Ant1	91.73	0.37	0.99
NVNT	b	2462	Ant1	91.77	0.37	0.99
NVNT	g	2412	Ant1	92.23	0.35	1.62
NVNT	g	2437	Ant1	92.23	0.35	1.62
NVNT	g	2462	Ant1	92.15	0.36	1.62
NVNT	n20	2412	Ant1	92.18	0.35	1.63
NVNT	n20	2437	Ant1	92.11	0.36	1.63
NVNT	n20	2462	Ant1	92.18	0.35	1.63
NVNT	n40	2422	Ant1	92.26	0.35	1.63
NVNT	n40	2437	Ant1	92.26	0.35	1.63
NVNT	n40	2452	Ant1	92.26	0.35	1.63



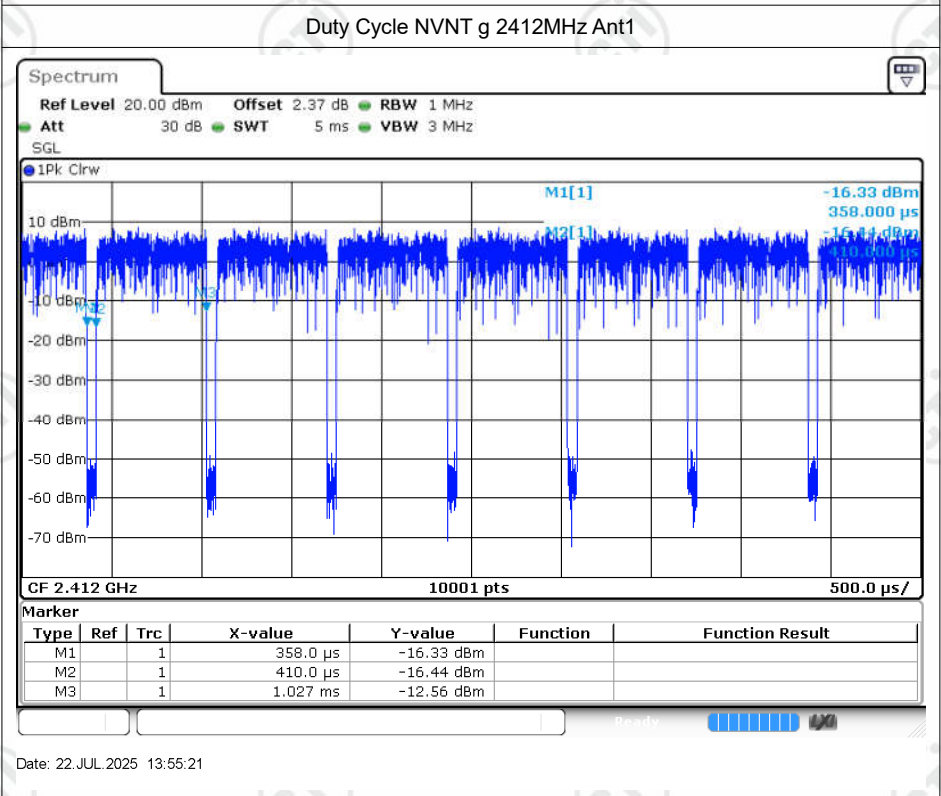
Date: 22.JUL.2025 13:49:02



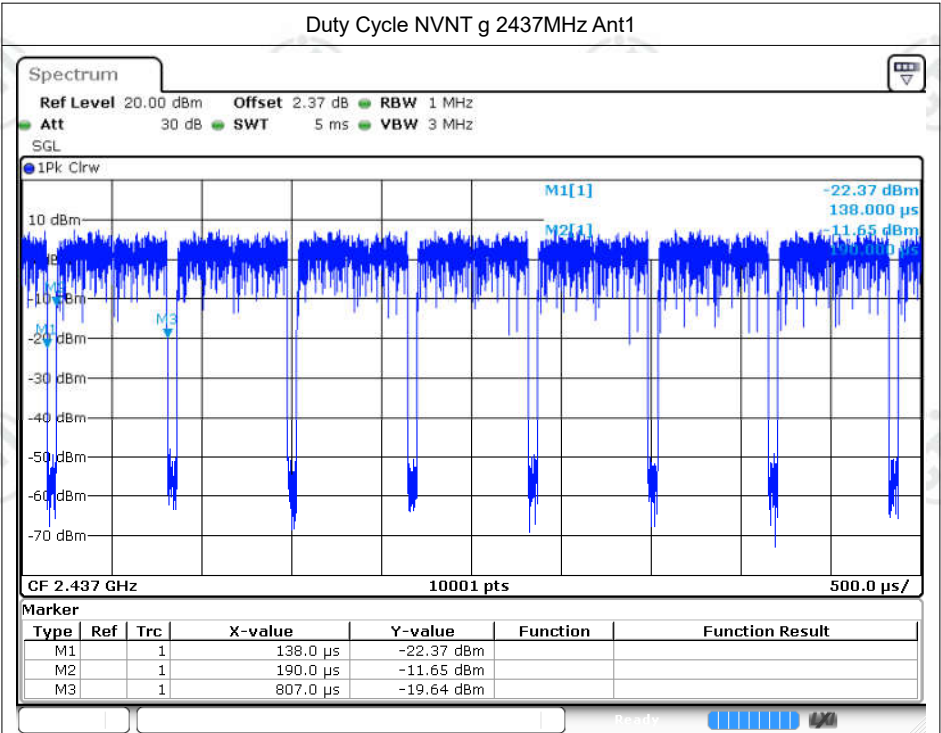
Date: 22.JUL.2025 13:51:27



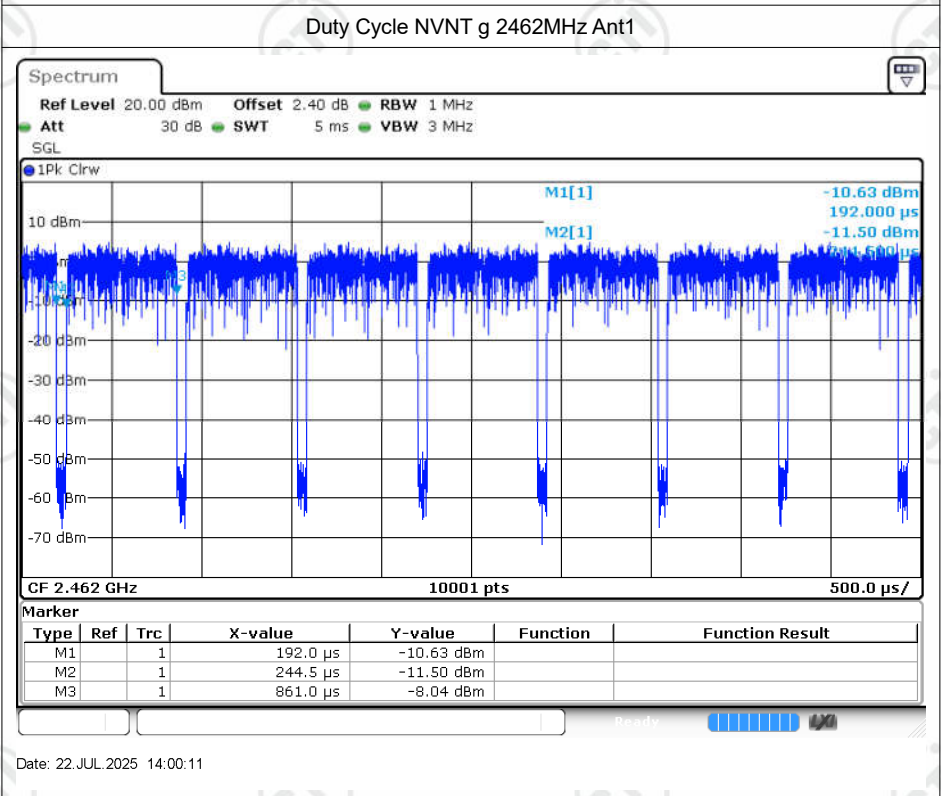
Date: 22.JUL.2025 13:53:10



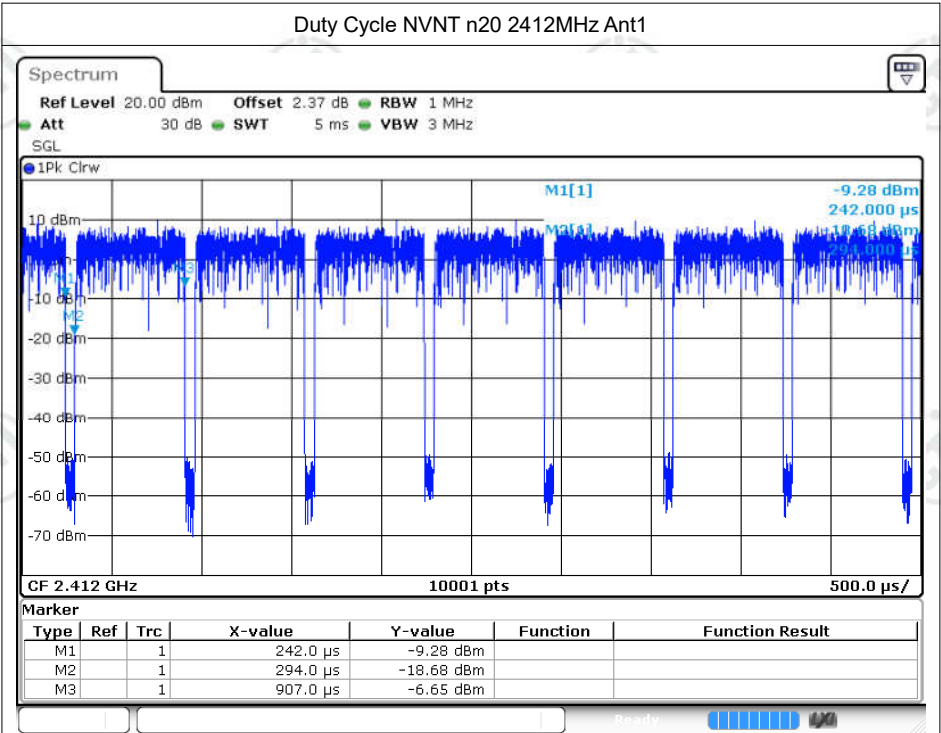
Date: 22.JUL.2025 13:55:21



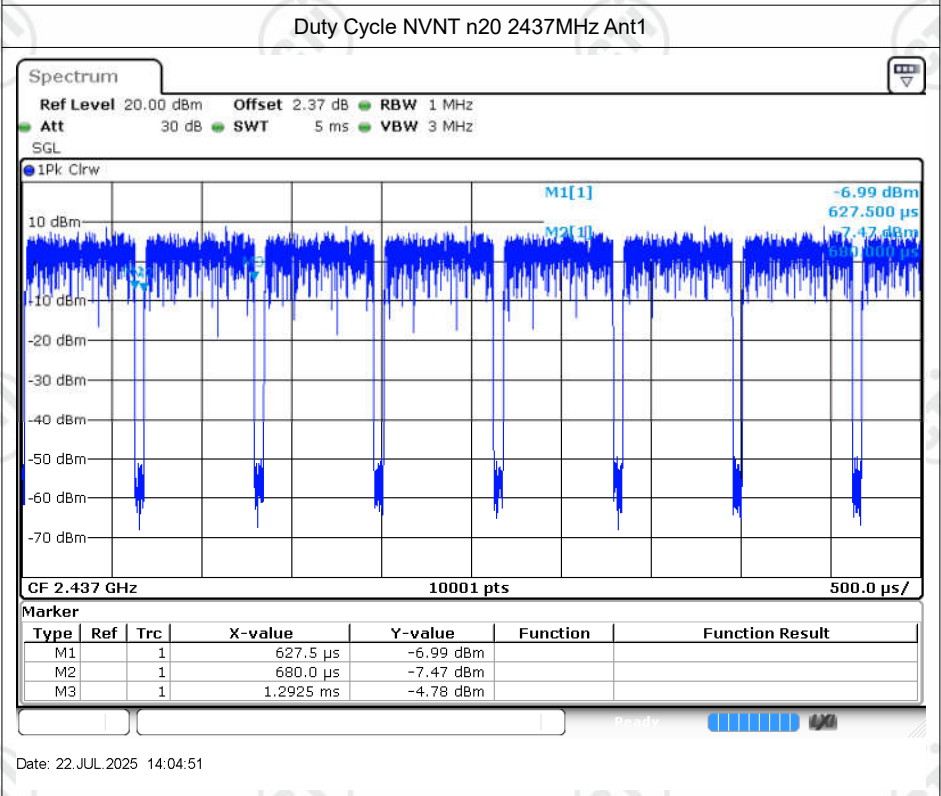
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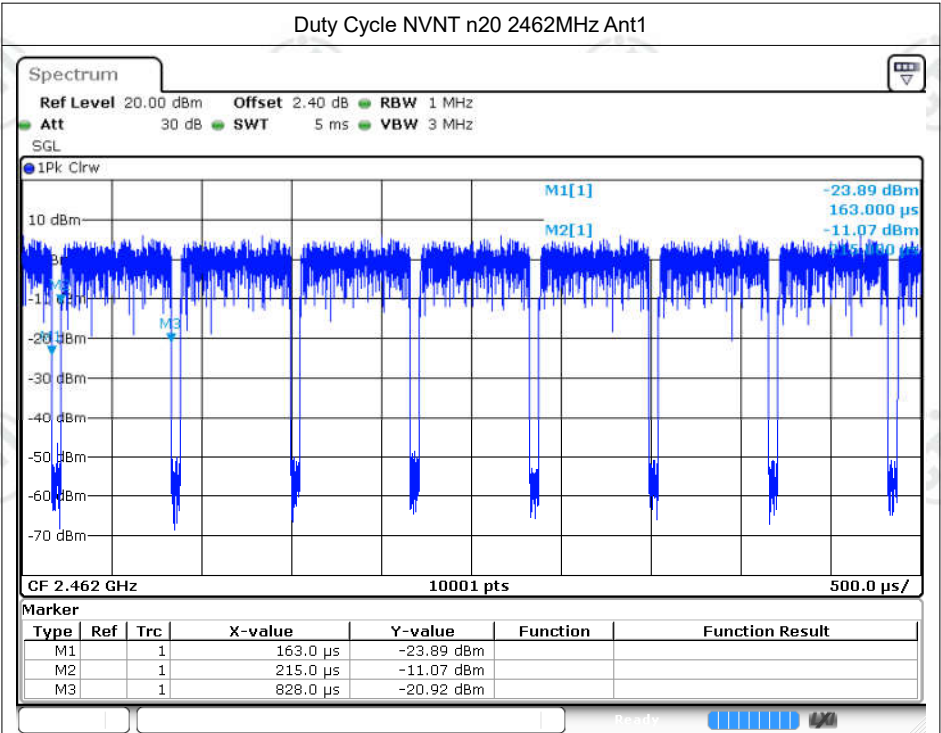
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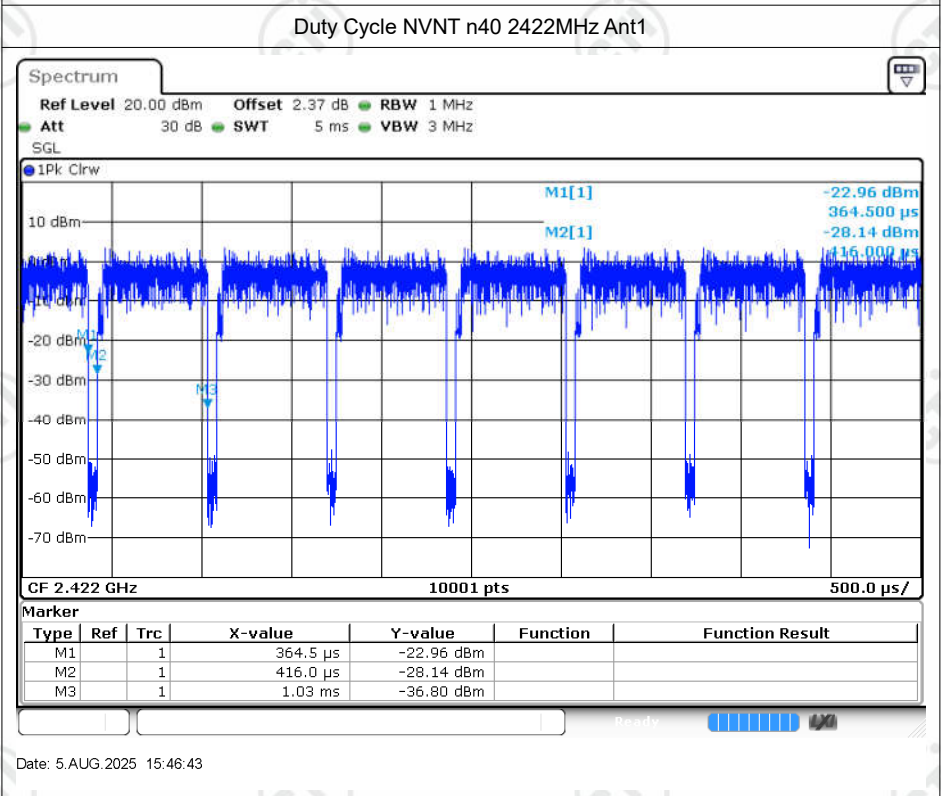
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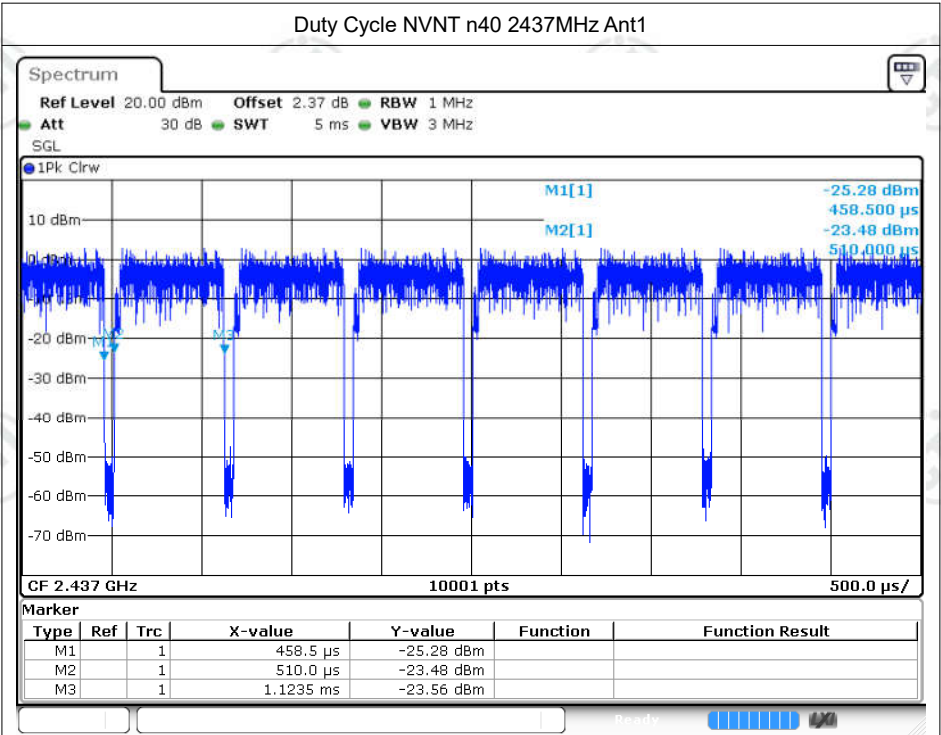
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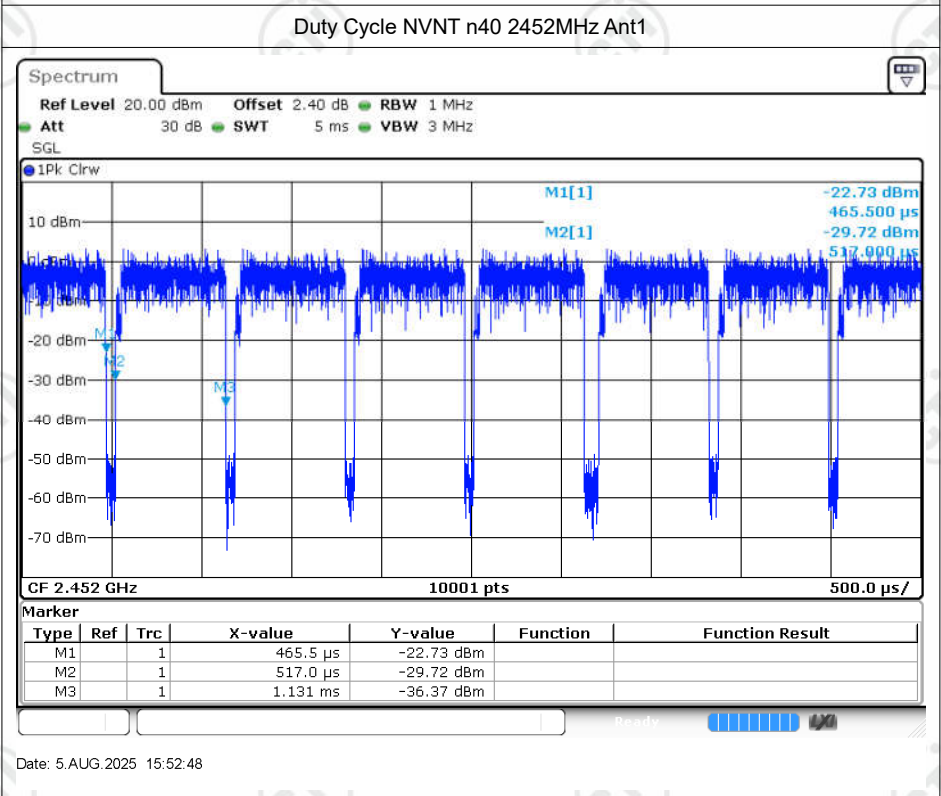
Date: 22.JUL.2025 14:07:01



Date: 5.AUG.2025 15:46:43



Date: 5.AUG.2025 15:50:14



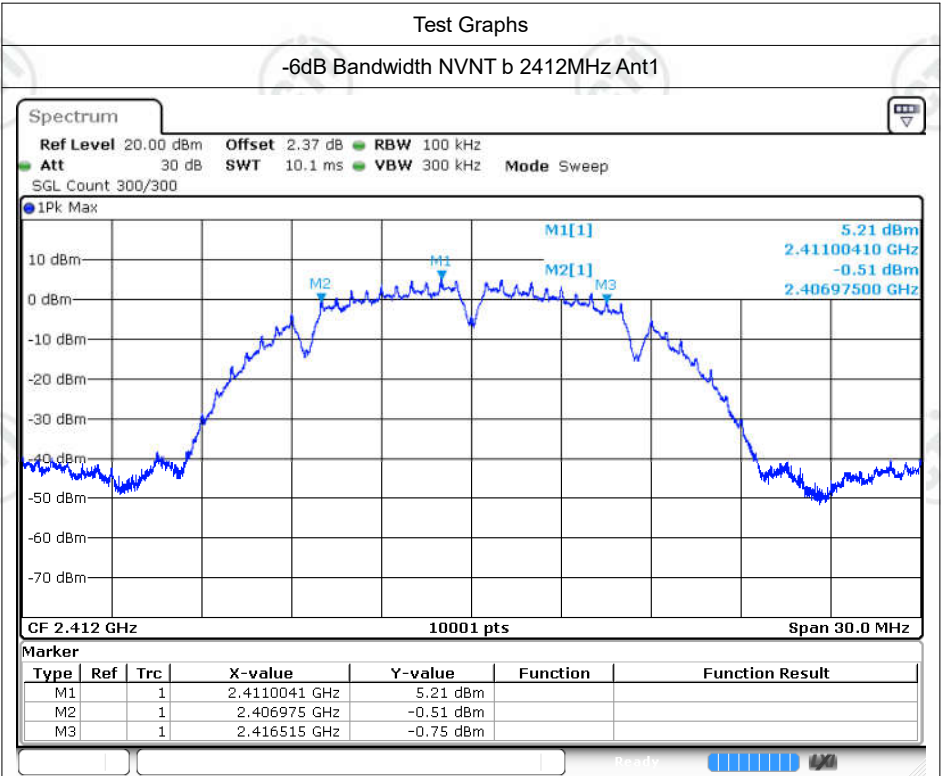
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Maximum Peak Conducted Output Power

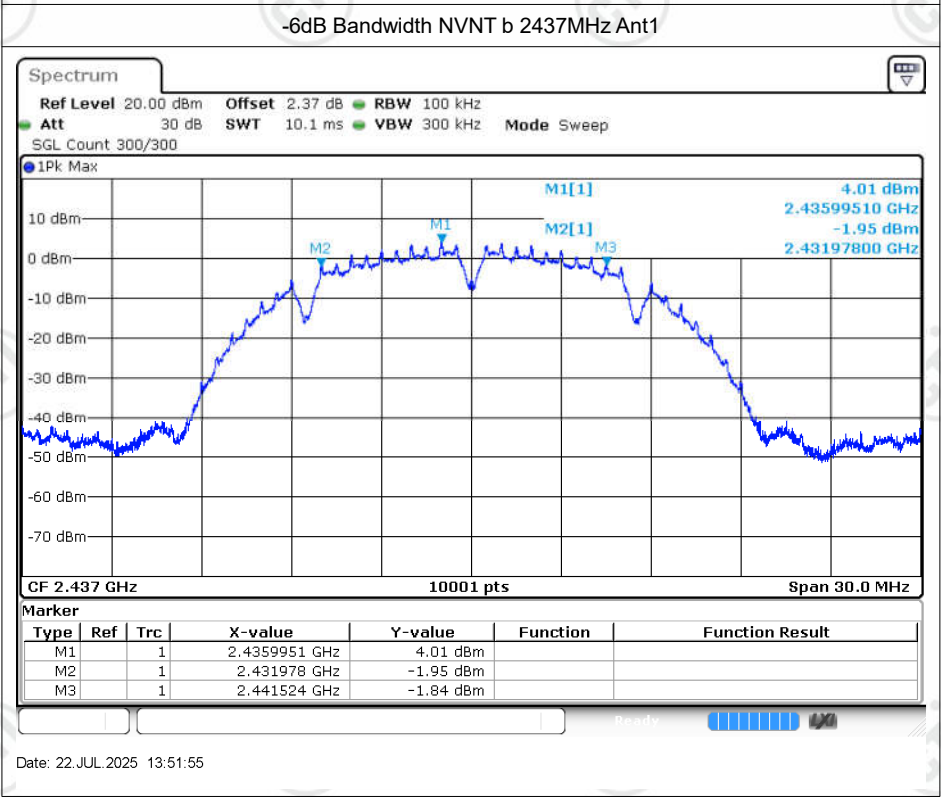
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.07	30	Pass
NVNT	b	2437	Ant1	13.63	30	Pass
NVNT	b	2462	Ant1	10.53	30	Pass
NVNT	g	2412	Ant1	14.27	30	Pass
NVNT	g	2437	Ant1	12.92	30	Pass
NVNT	g	2462	Ant1	9.89	30	Pass
NVNT	n20	2412	Ant1	15.08	30	Pass
NVNT	n20	2437	Ant1	13.7	30	Pass
NVNT	n20	2462	Ant1	10.8	30	Pass
NVNT	n40	2422	Ant1	14.67	30	Pass
NVNT	n40	2437	Ant1	13.78	30	Pass
NVNT	n40	2452	Ant1	10.14	30	Pass

-6dB Bandwidth

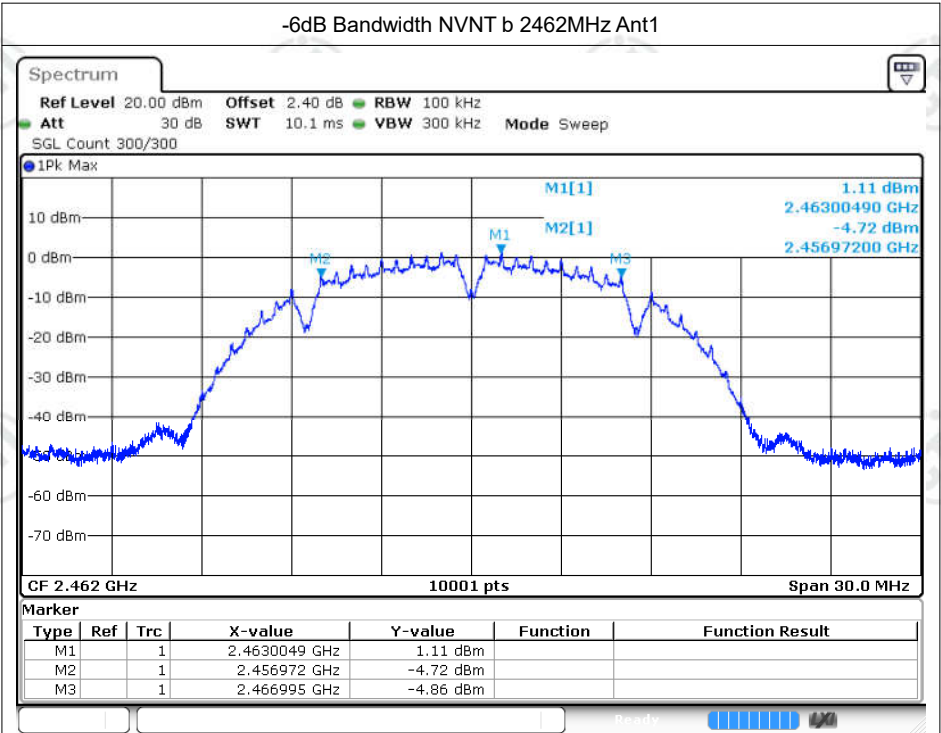
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.54	0.5	Pass
NVNT	b	2437	Ant1	9.546	0.5	Pass
NVNT	b	2462	Ant1	10.023	0.5	Pass
NVNT	g	2412	Ant1	16.29	0.5	Pass
NVNT	g	2437	Ant1	16.317	0.5	Pass
NVNT	g	2462	Ant1	16.302	0.5	Pass
NVNT	n20	2412	Ant1	16.347	0.5	Pass
NVNT	n20	2437	Ant1	16.35	0.5	Pass
NVNT	n20	2462	Ant1	16.356	0.5	Pass
NVNT	n40	2422	Ant1	35.448	0.5	Pass
NVNT	n40	2437	Ant1	35.1	0.5	Pass
NVNT	n40	2452	Ant1	35.106	0.5	Pass



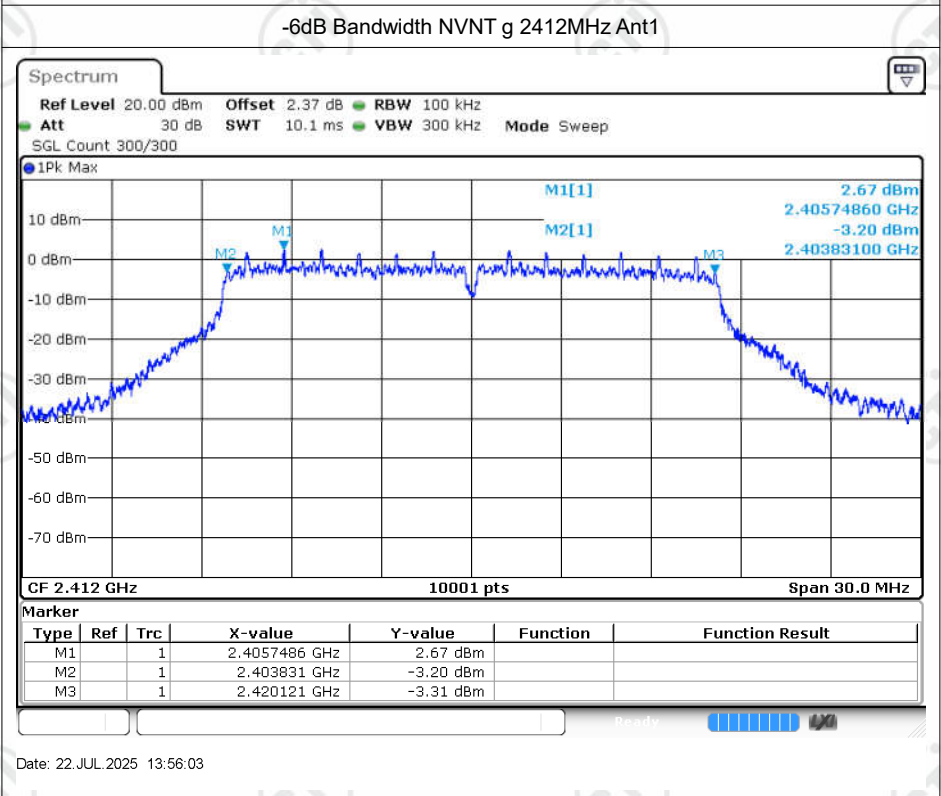
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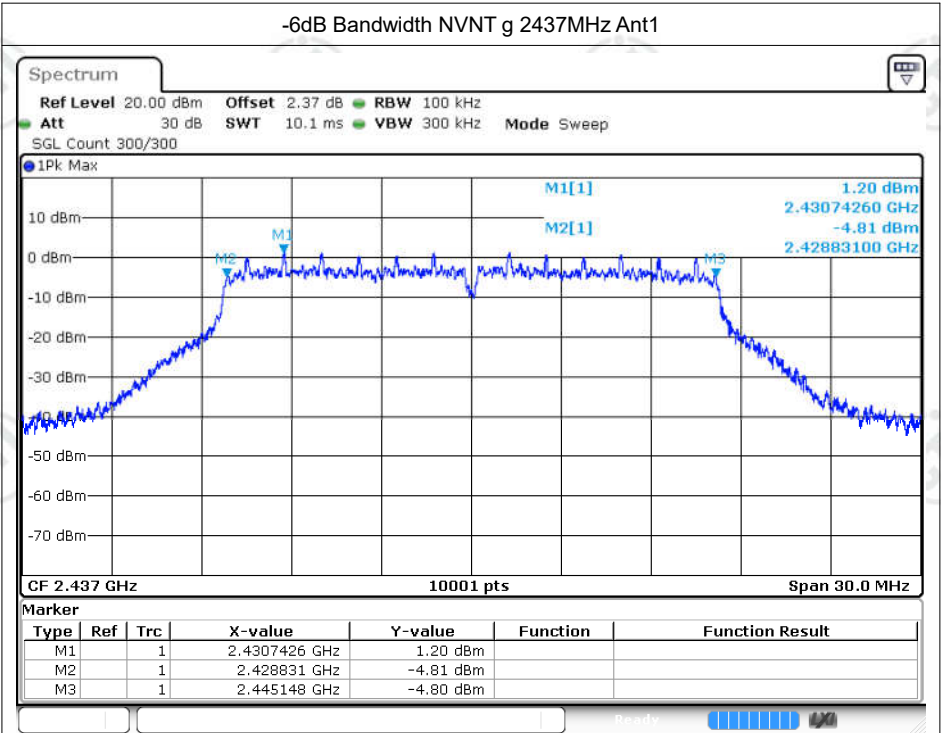
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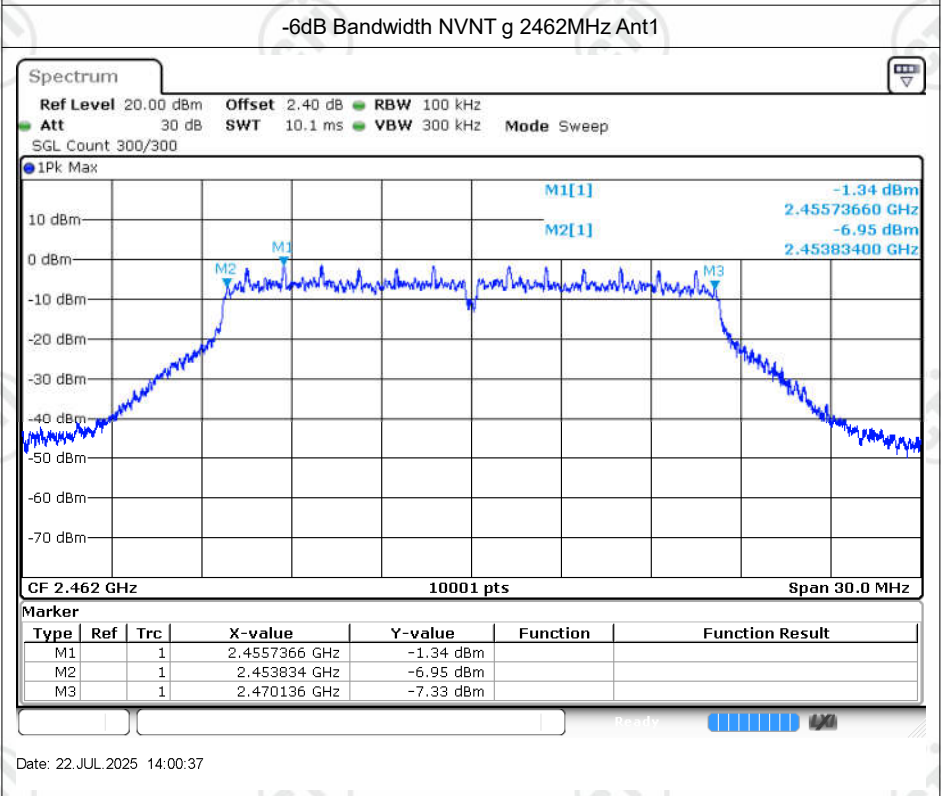
Date: 22 JUL 2025 13:53:46



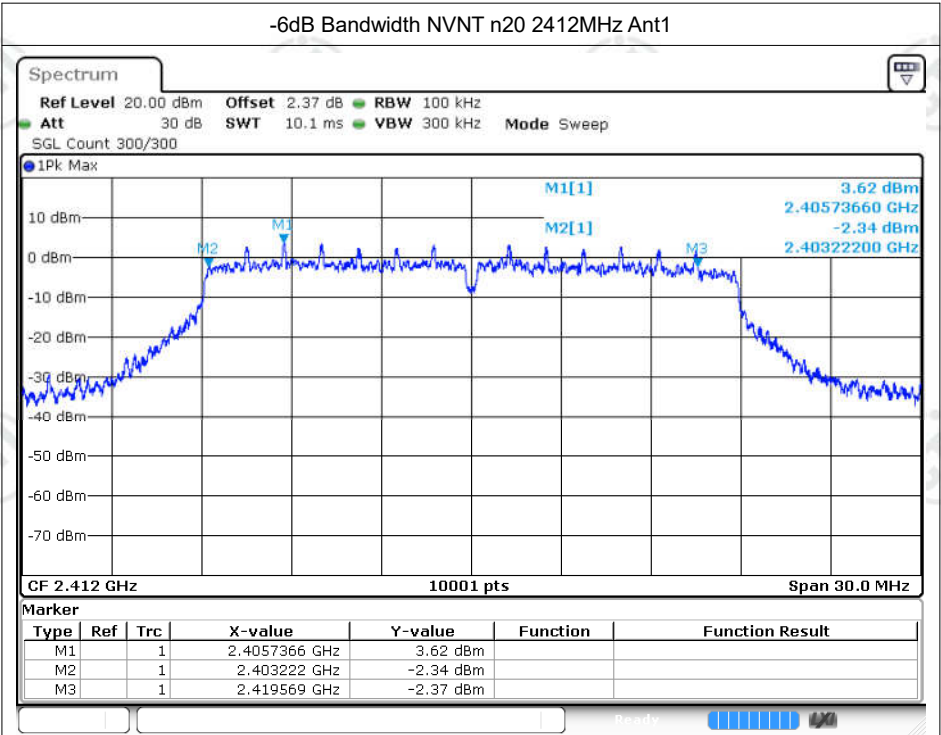
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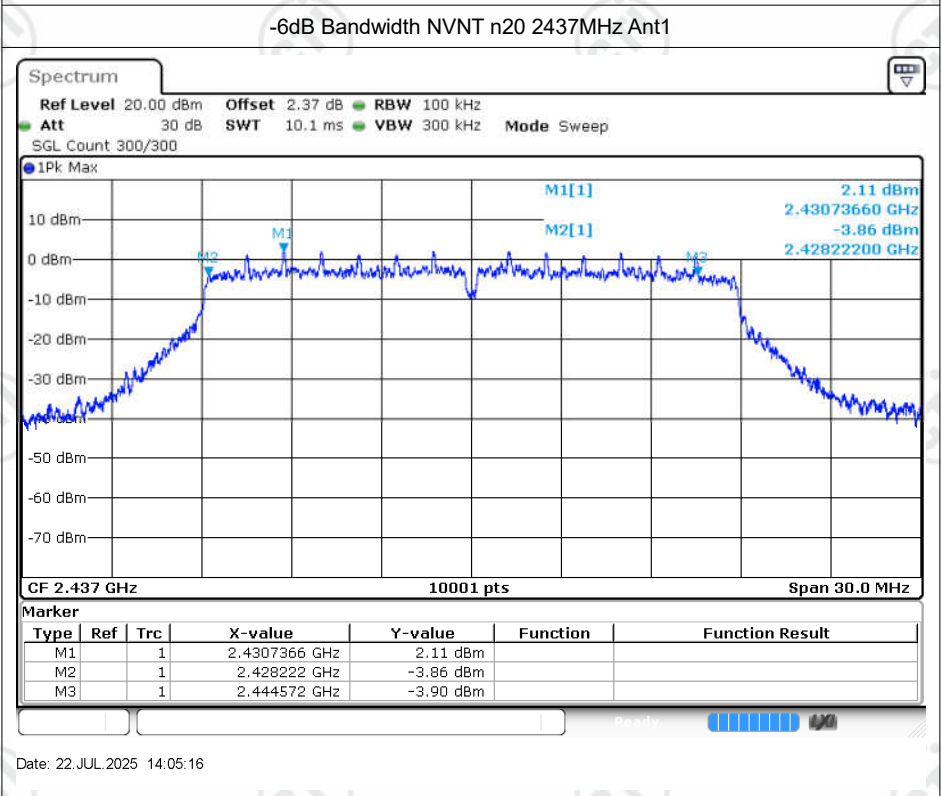
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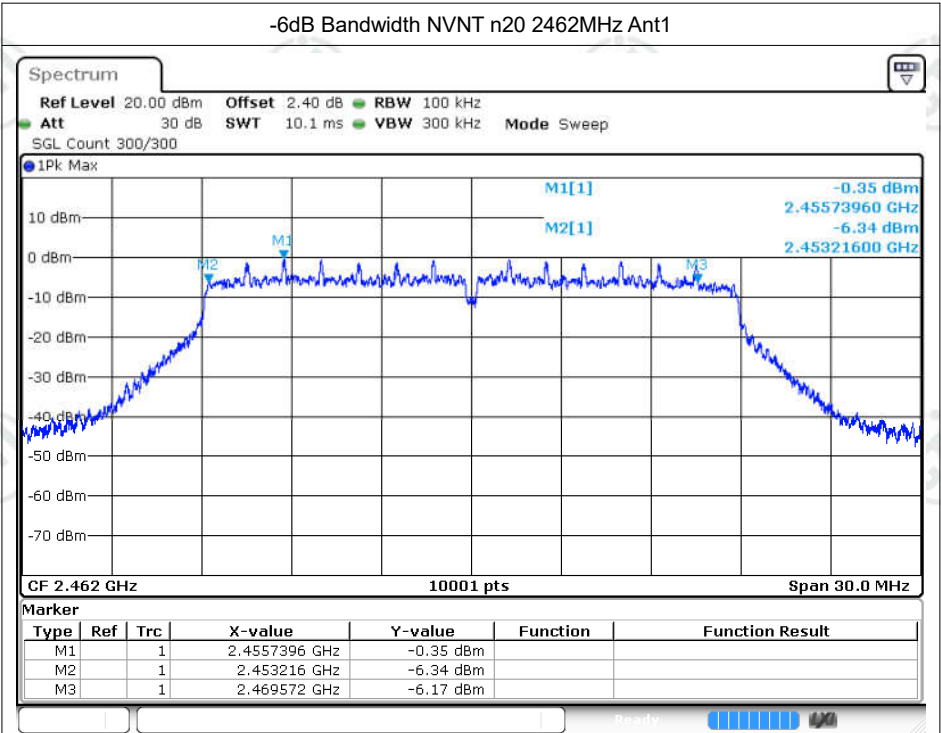
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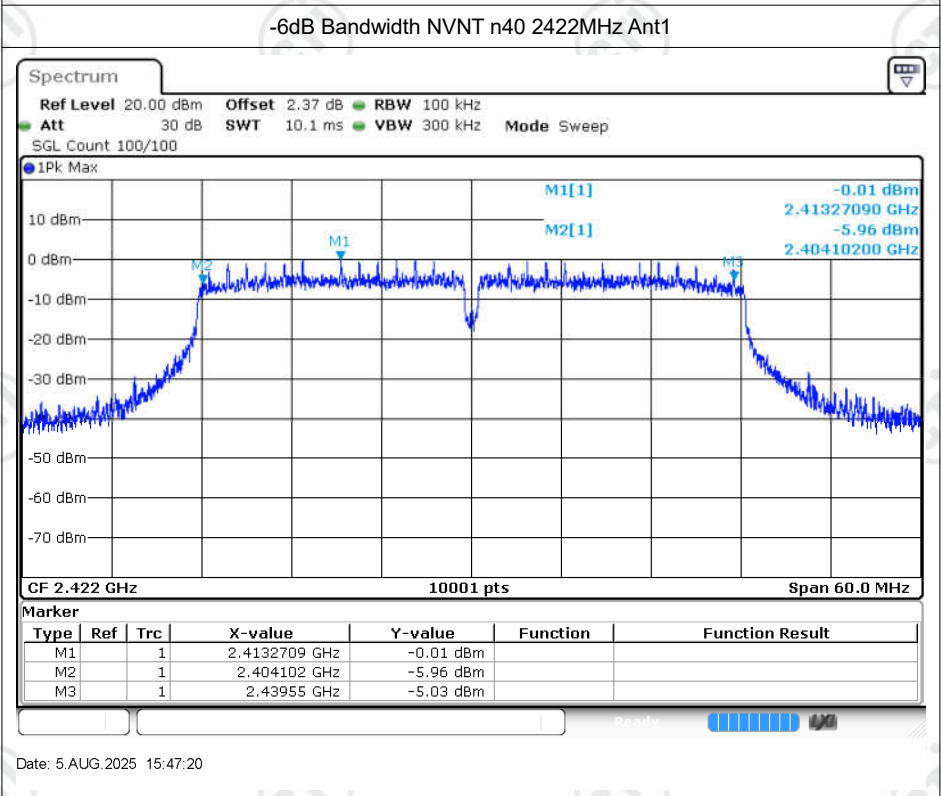
Date: 22 JUL 2025 14:03:09



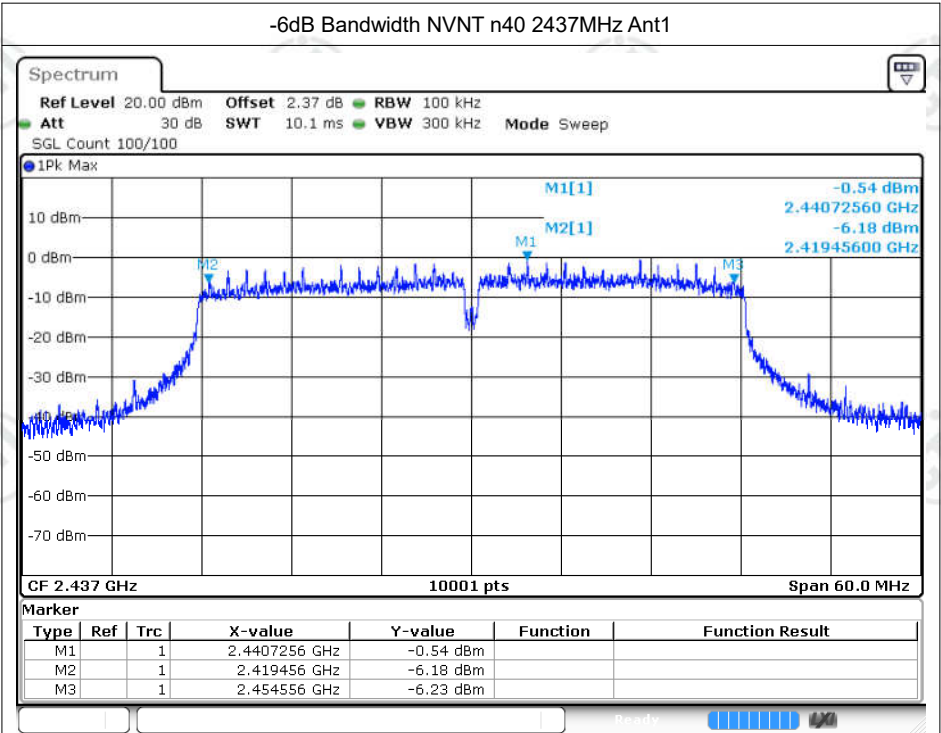
Date: 22 JUL 2025 14:05:16



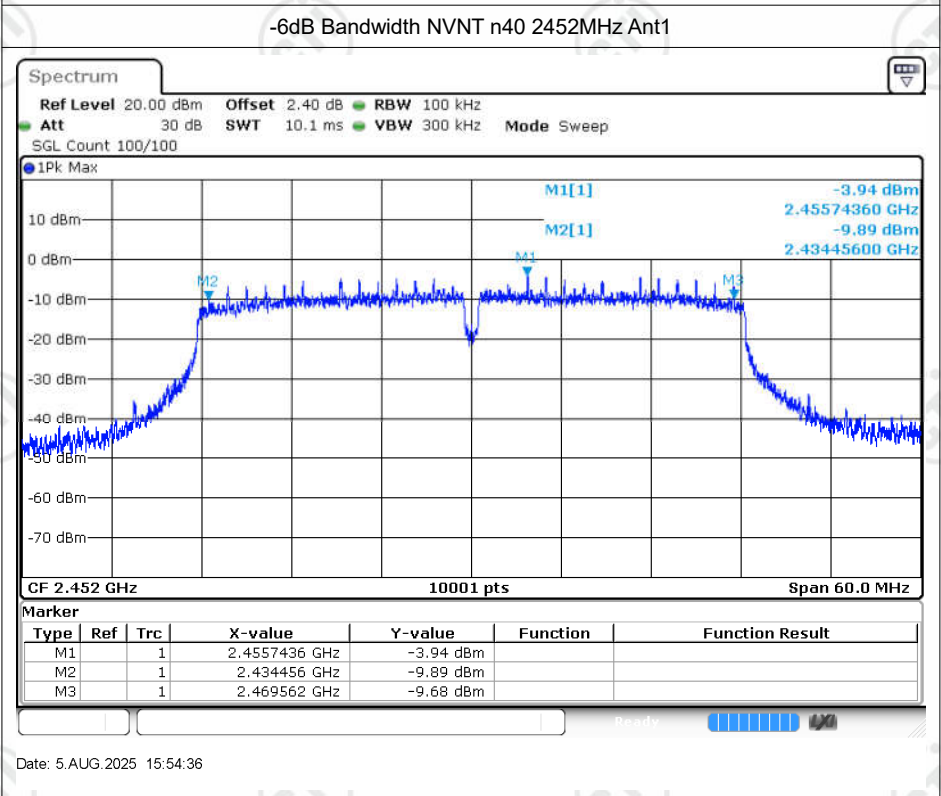
Date: 22.JUL.2025 14:07:27



Date: 5.AUG.2025 15:47:20



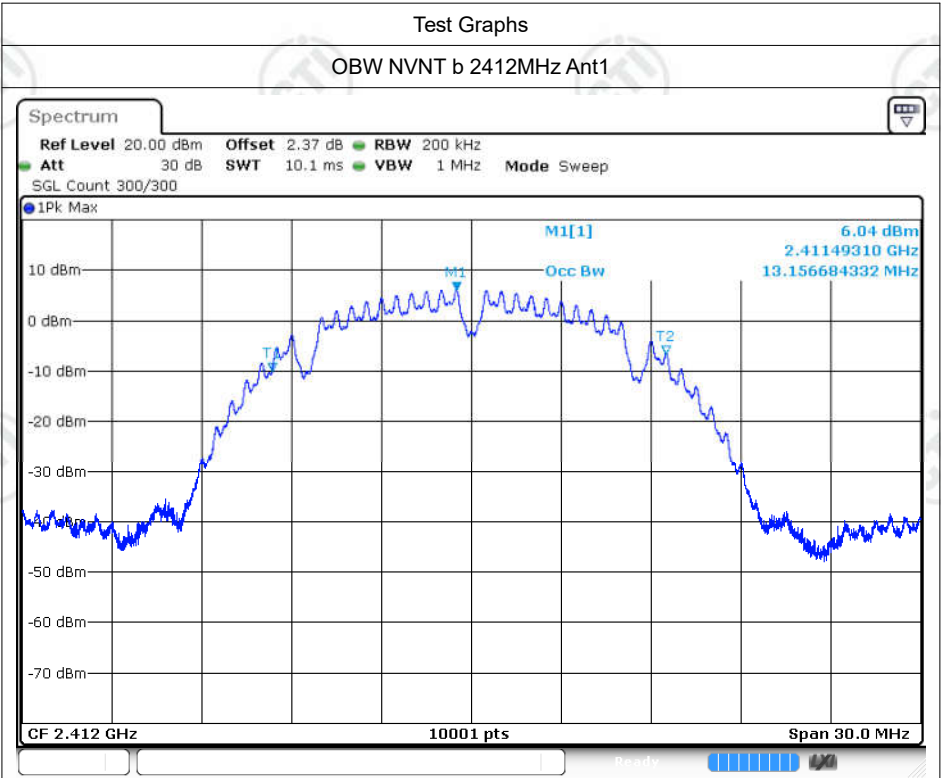
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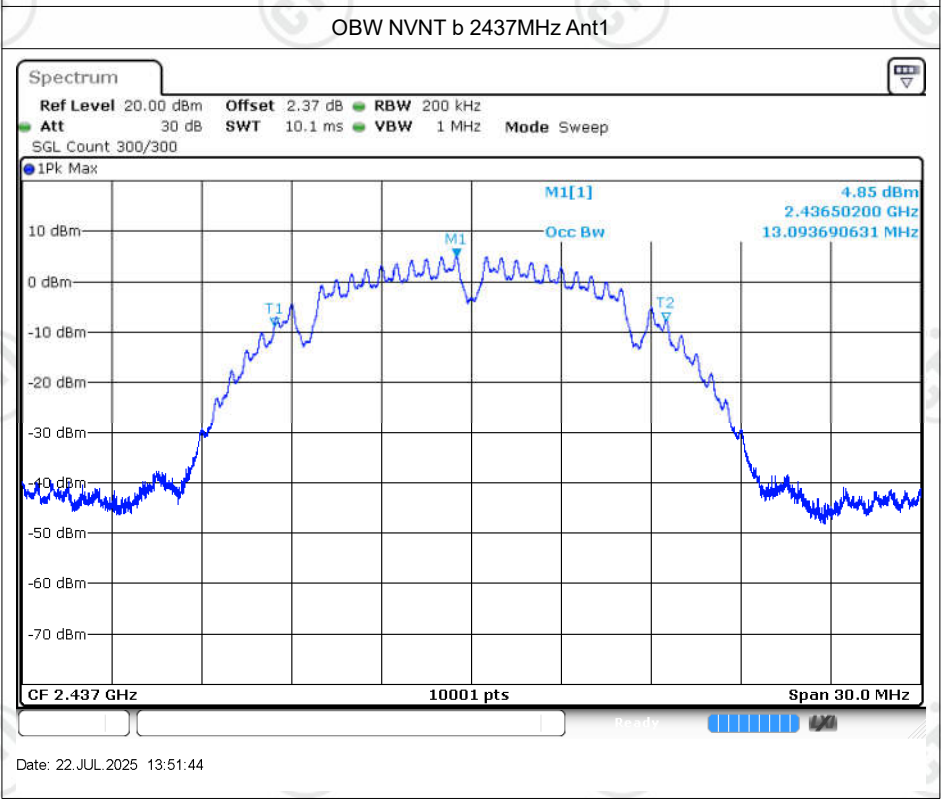
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Occupied Channel Bandwidth

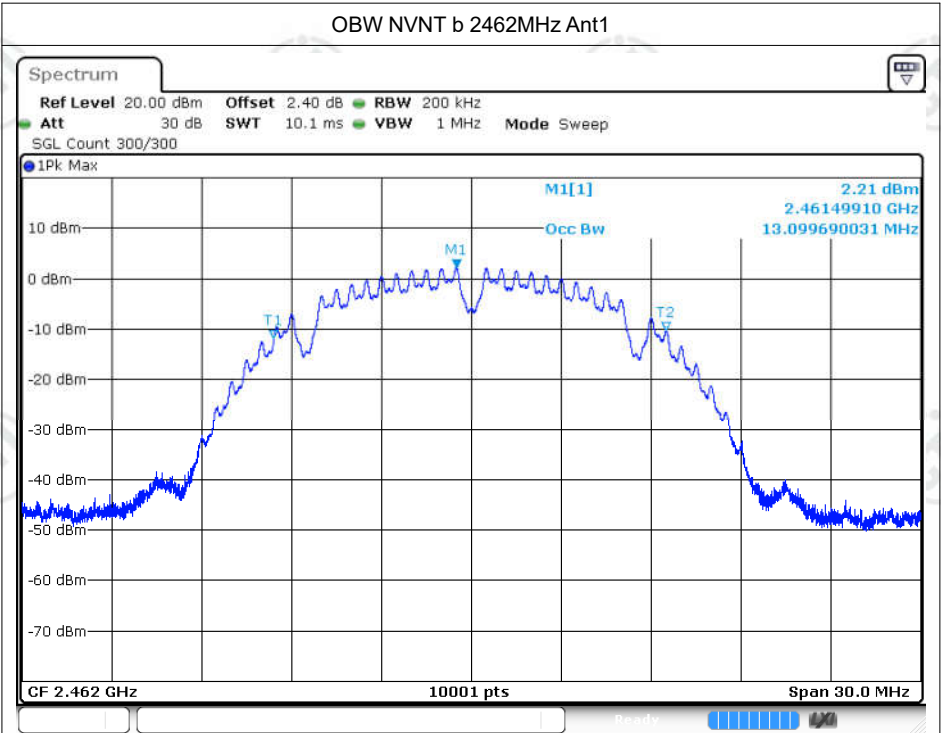
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.157
NVNT	b	2437	Ant1	13.094
NVNT	b	2462	Ant1	13.1
NVNT	g	2412	Ant1	16.723
NVNT	g	2437	Ant1	16.675
NVNT	g	2462	Ant1	16.705
NVNT	n20	2412	Ant1	17.845
NVNT	n20	2437	Ant1	17.794
NVNT	n20	2462	Ant1	17.806
NVNT	n40	2422	Ant1	36.386
NVNT	n40	2437	Ant1	36.296
NVNT	n40	2452	Ant1	36.26



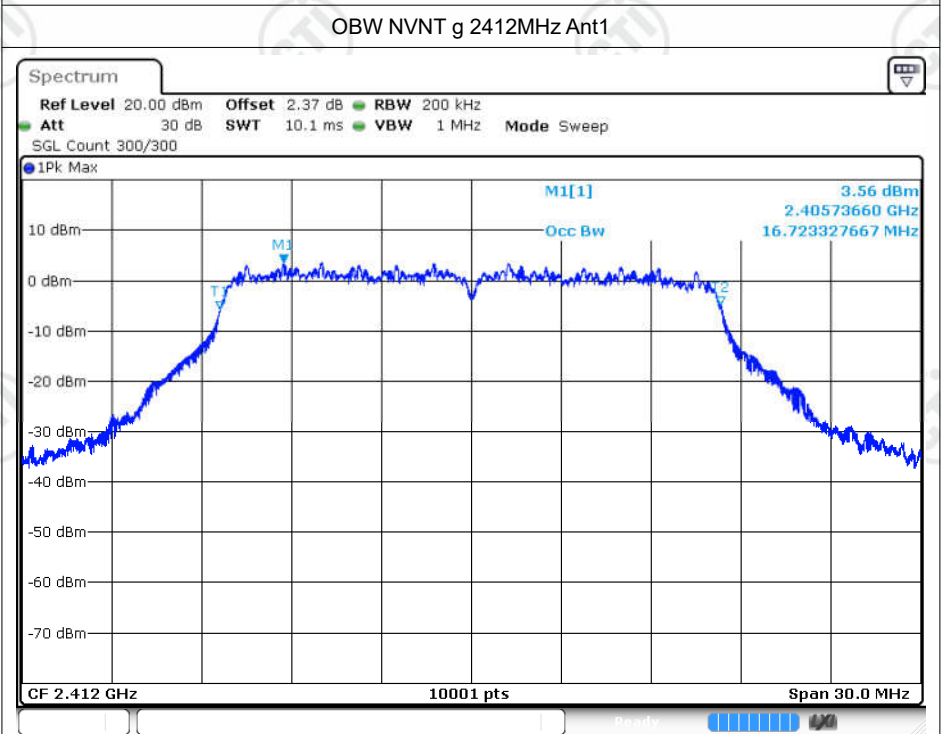
Date: 22.JUL.2025 13:49:46



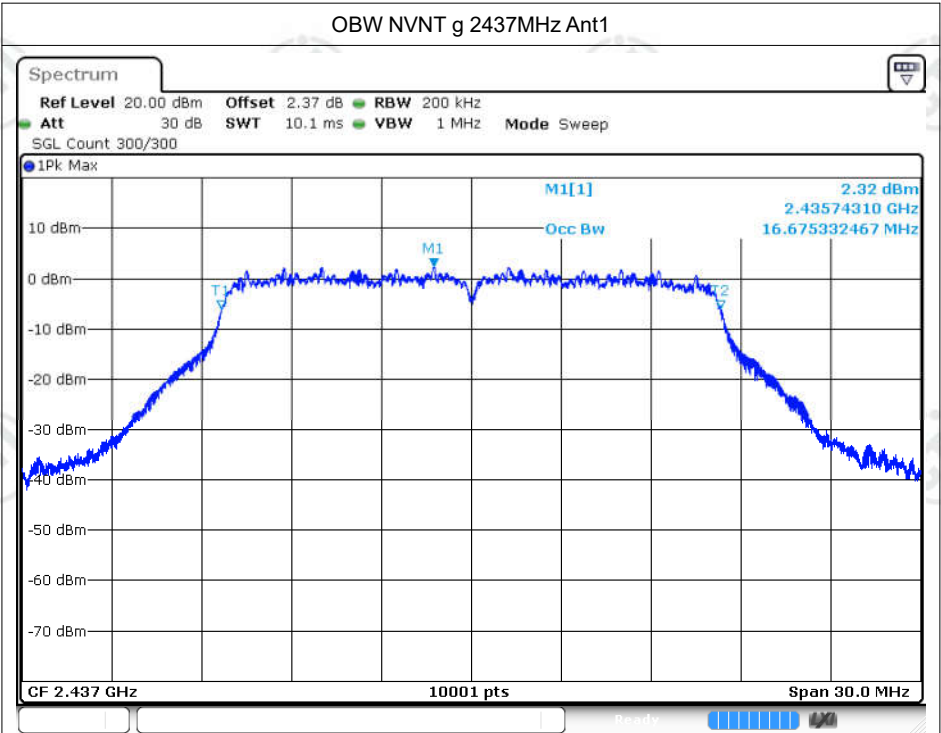
Date: 22.JUL.2025 13:51:44



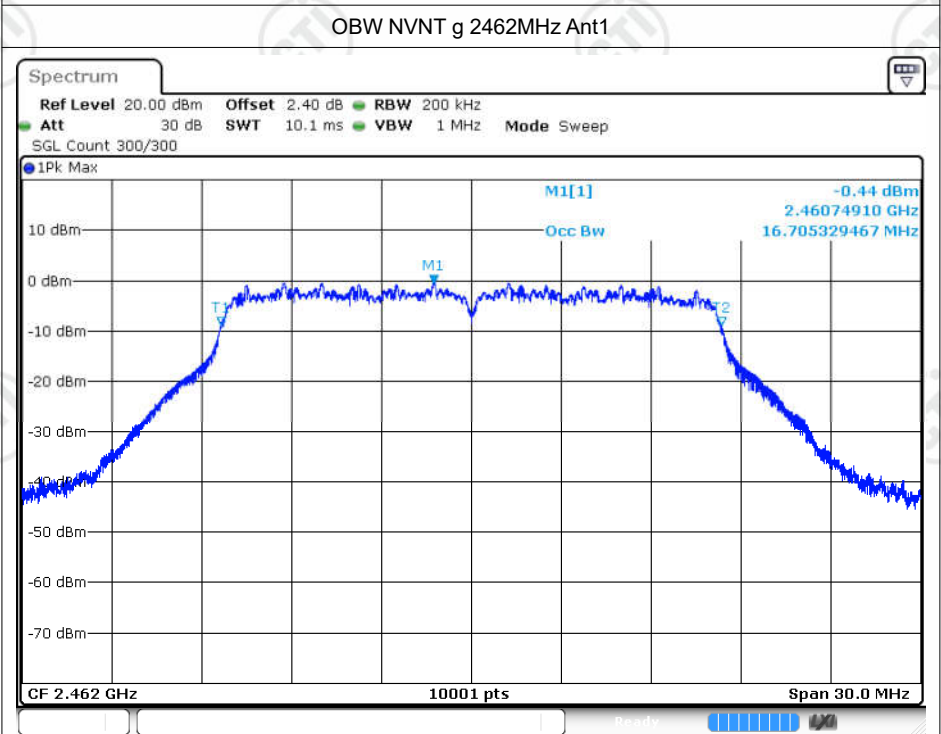
Date: 22 JUL 2025 13:53:33



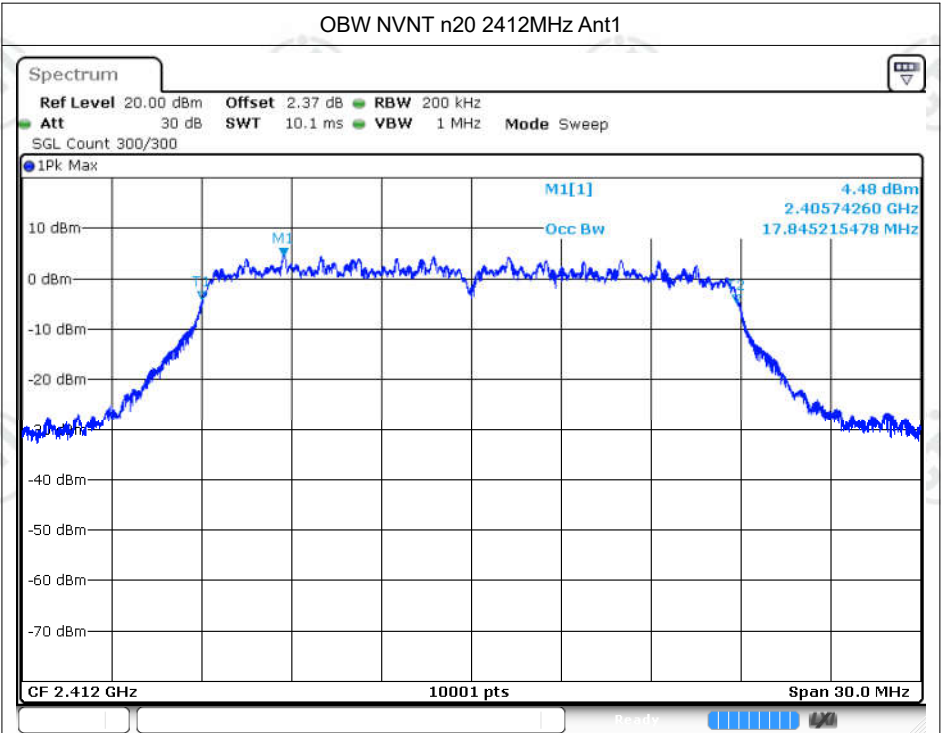
Date: 22 JUL 2025 13:55:52



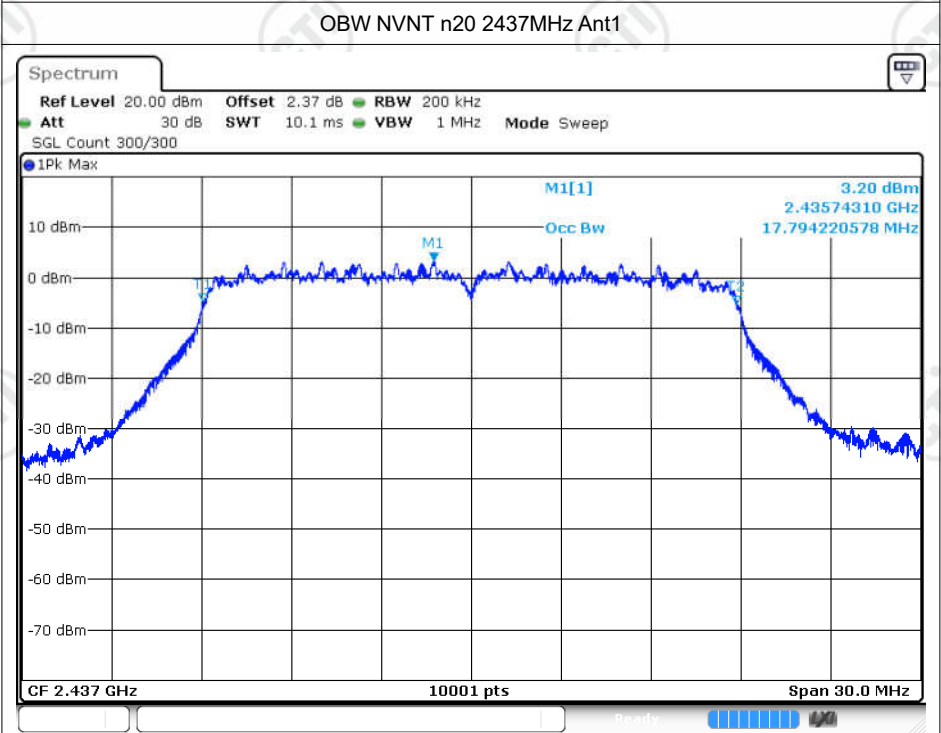
Date: 22 JUL 2025 13:58:26



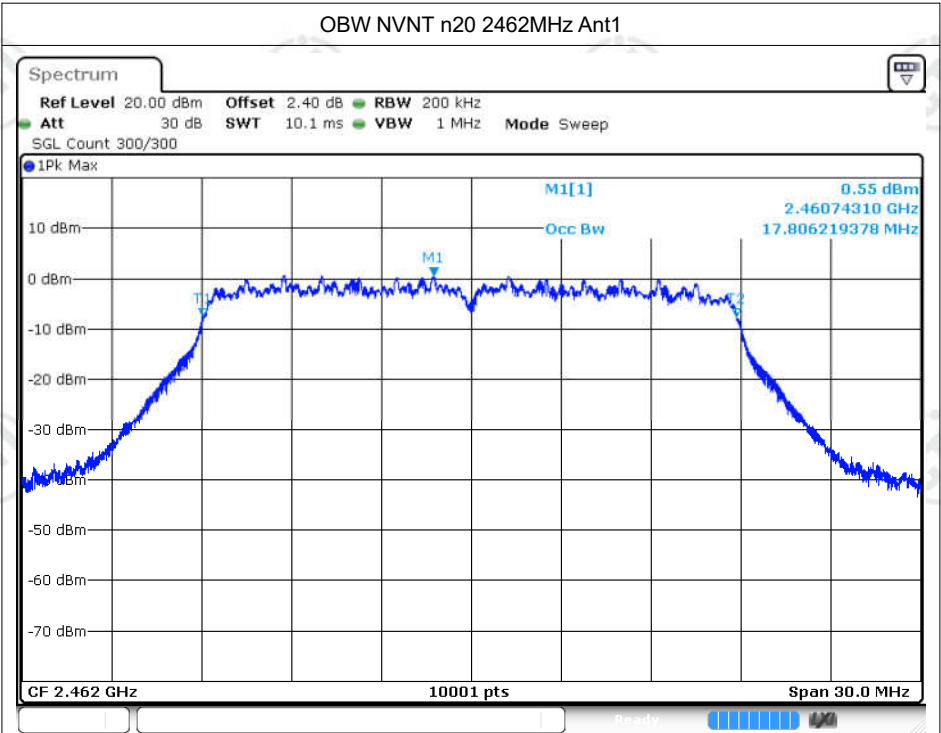
Date: 22 JUL 2025 14:00:25



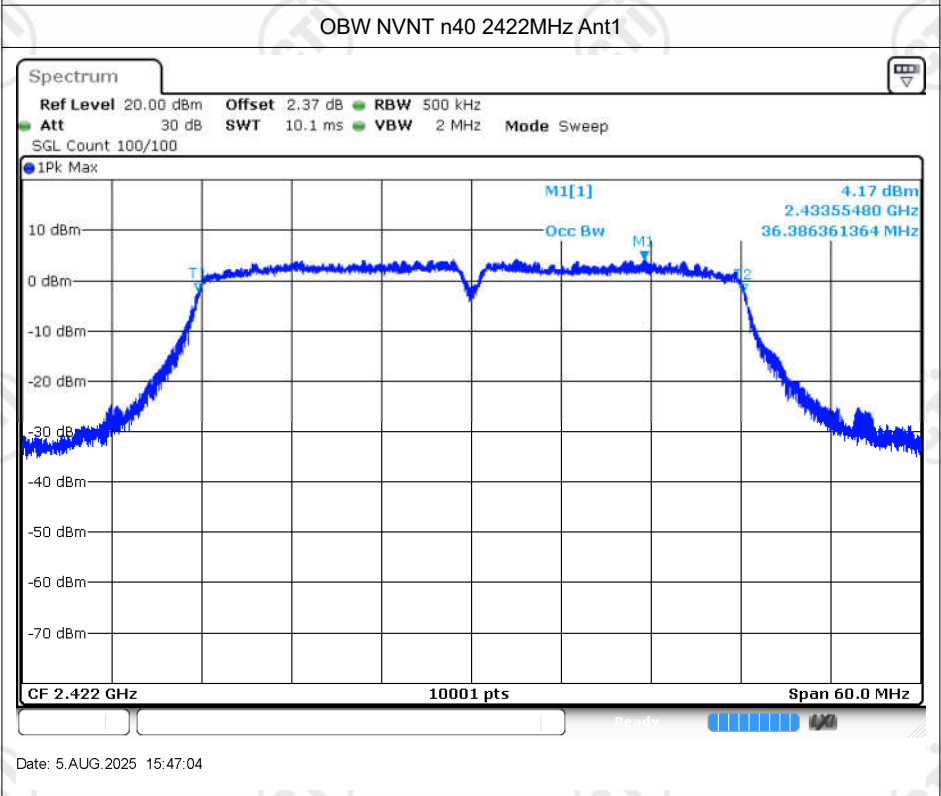
Date: 22.JUL.2025 14:02:58



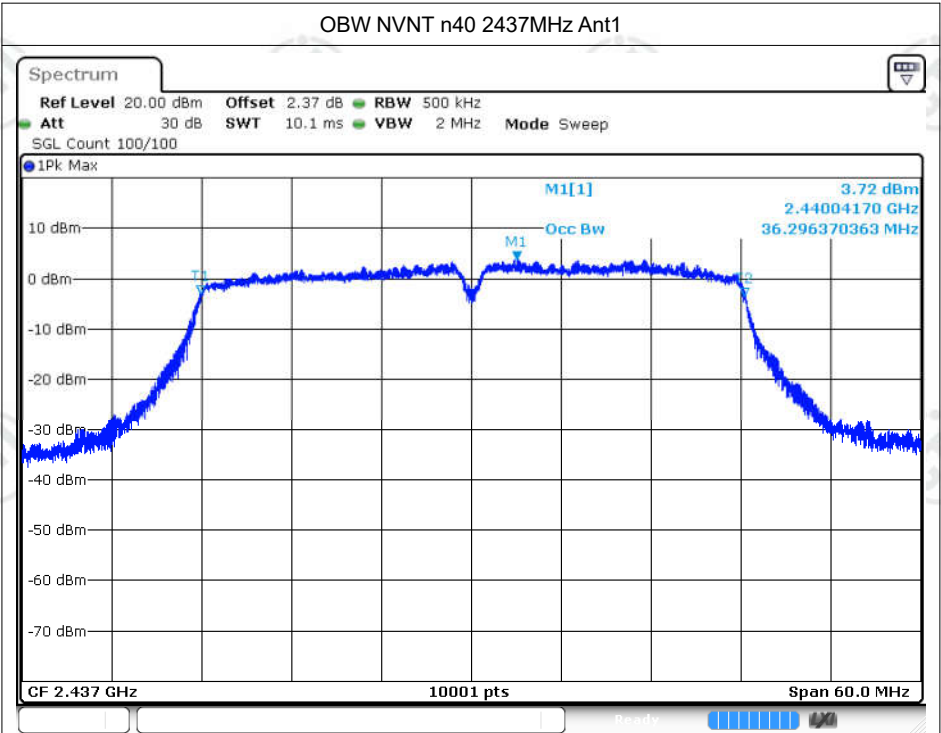
Date: 22.JUL.2025 14:05:05



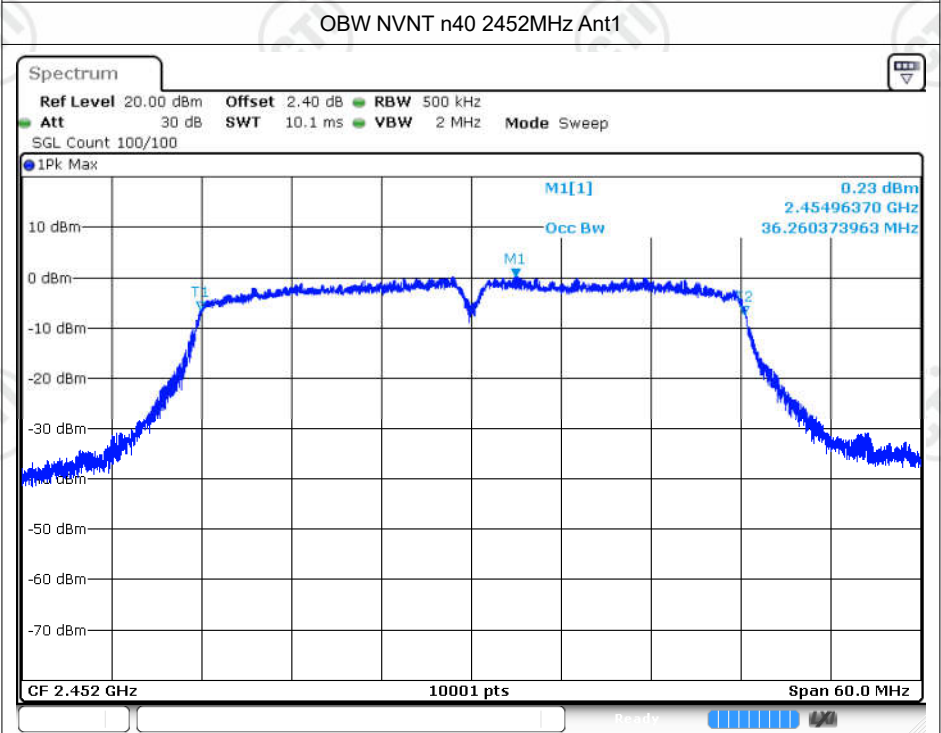
Date: 22.JUL.2025 14:07:15



Date: 5.AUG.2025 15:47:04



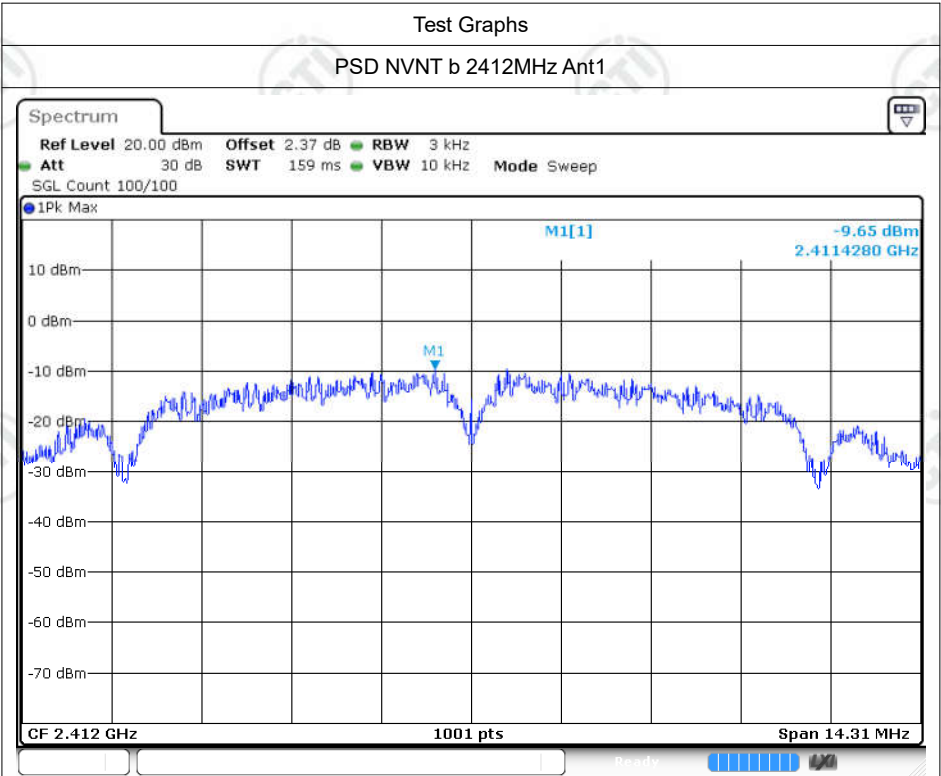
Date: 5.AUG.2025 15:50:32



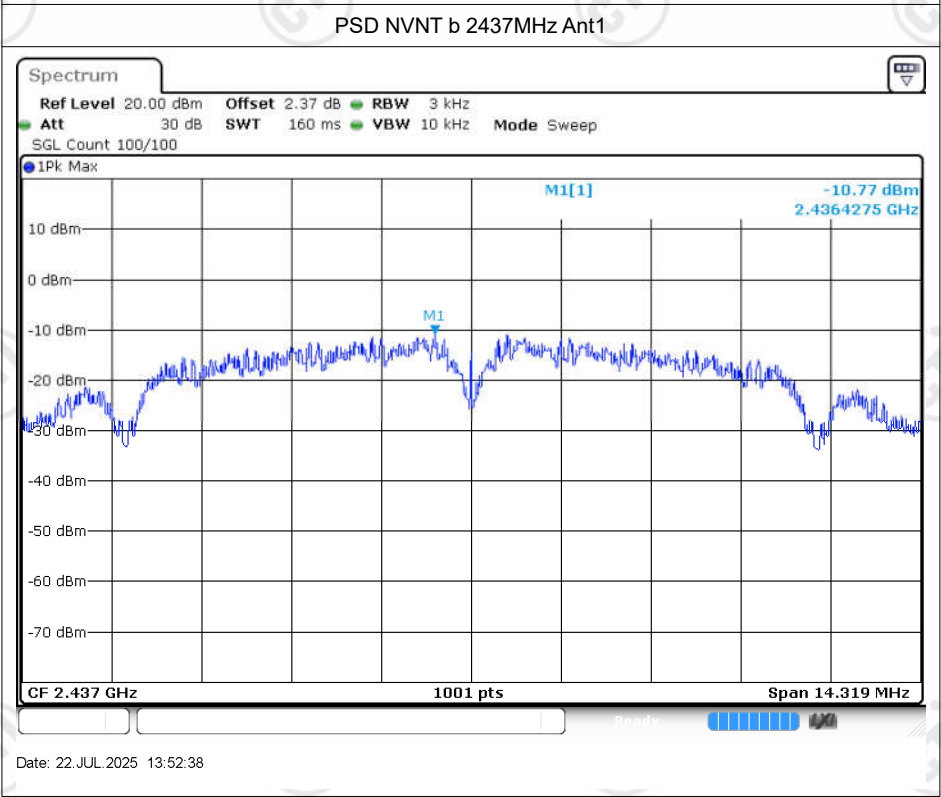
Date: 5.AUG.2025 15:54:30

Maximum Power Spectral Density Level

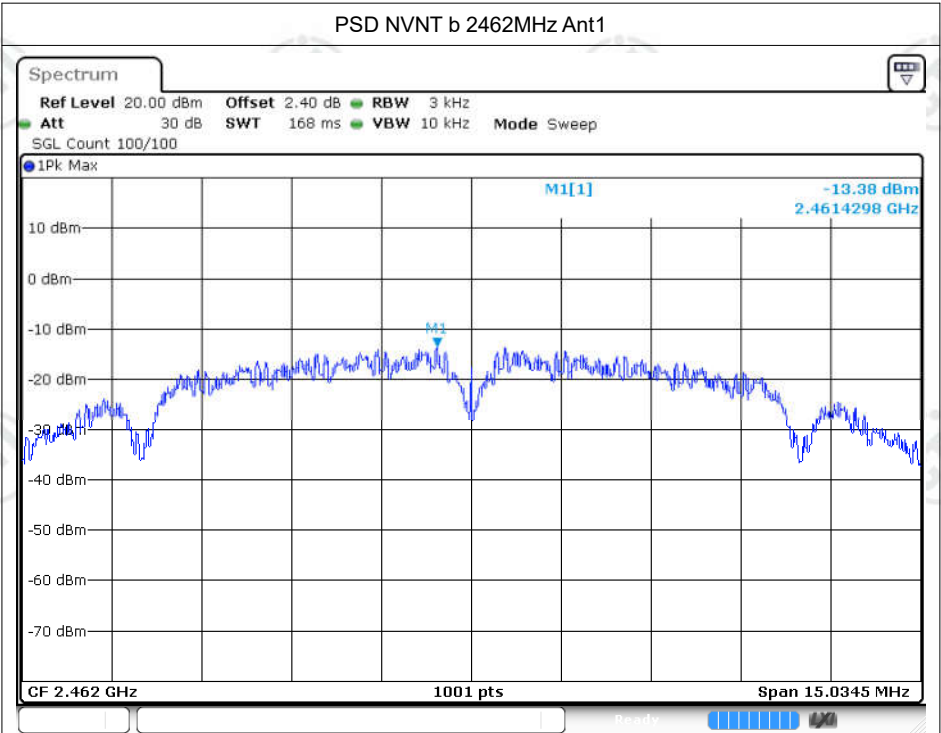
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-9.65	8	Pass
NVNT	b	2437	Ant1	-10.77	8	Pass
NVNT	b	2462	Ant1	-13.38	8	Pass
NVNT	g	2412	Ant1	-12.16	8	Pass
NVNT	g	2437	Ant1	-13.48	8	Pass
NVNT	g	2462	Ant1	-16.13	8	Pass
NVNT	n20	2412	Ant1	-11.24	8	Pass
NVNT	n20	2437	Ant1	-12.75	8	Pass
NVNT	n20	2462	Ant1	-15.01	8	Pass
NVNT	n40	2422	Ant1	-13.09	8	Pass
NVNT	n40	2437	Ant1	-13.5	8	Pass
NVNT	n40	2452	Ant1	-16.92	8	Pass



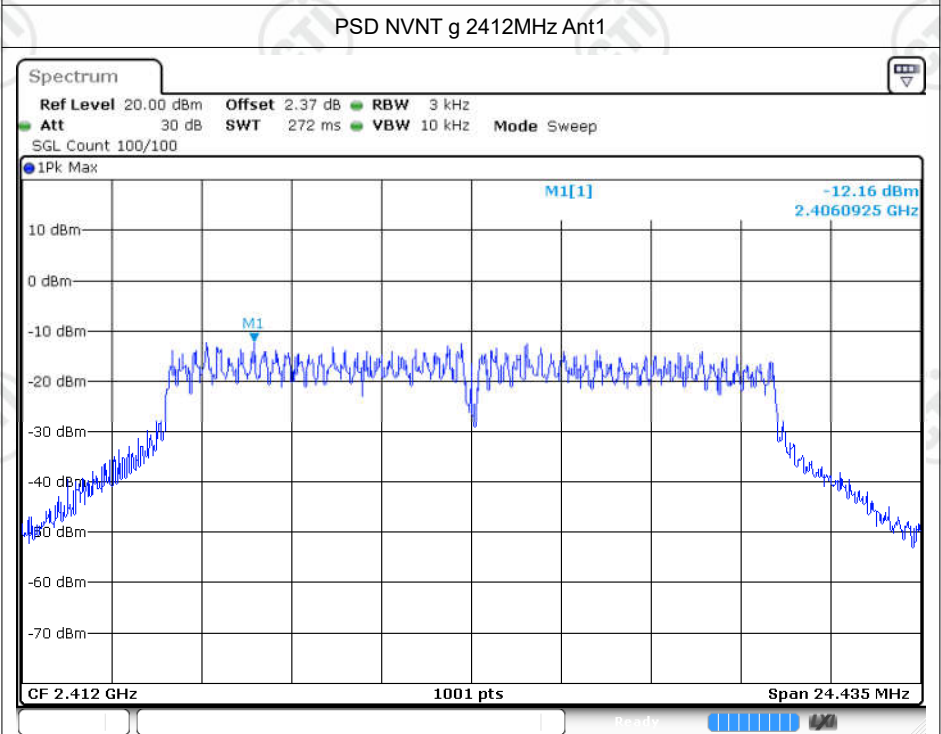
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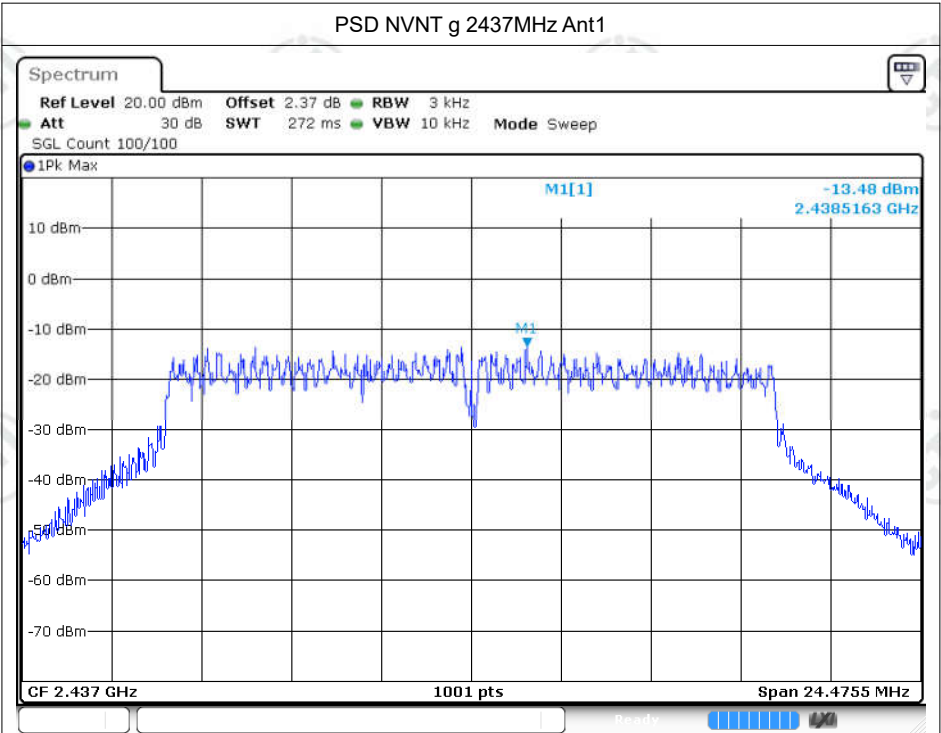
Date: 22.JUL.2025 13:52:38



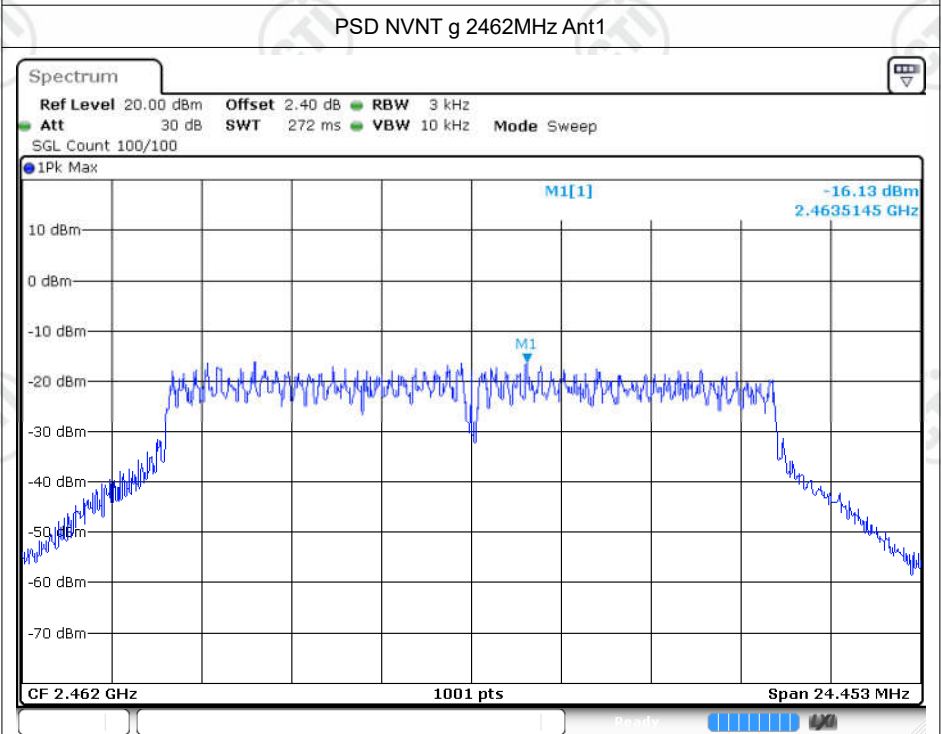
Date: 22.JUL.2025 13:54:10



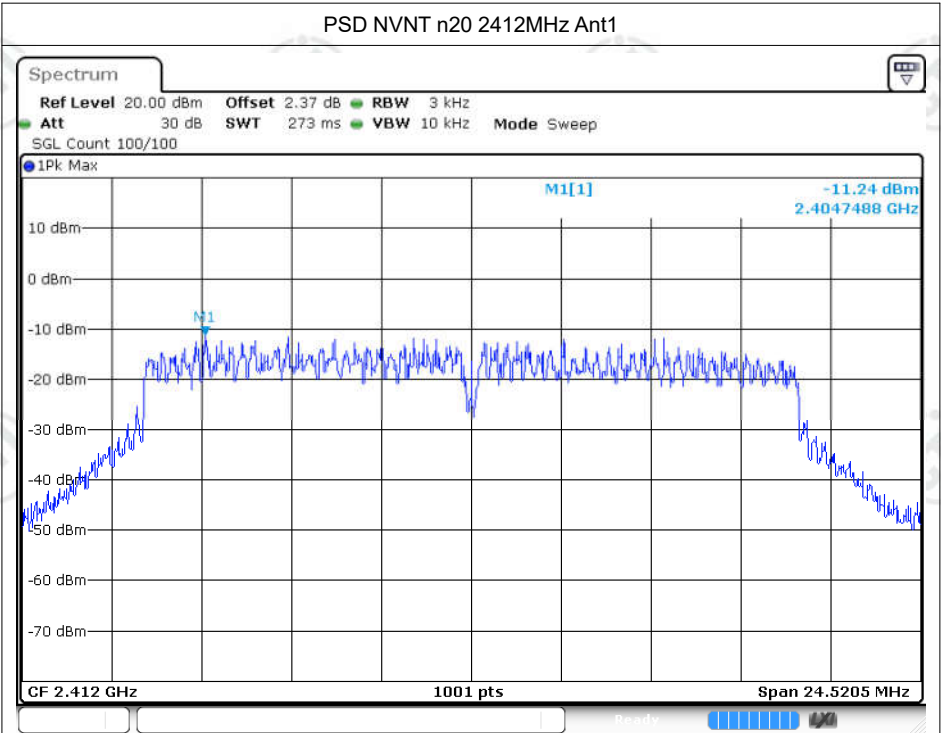
Date: 22.JUL.2025 13:56:40



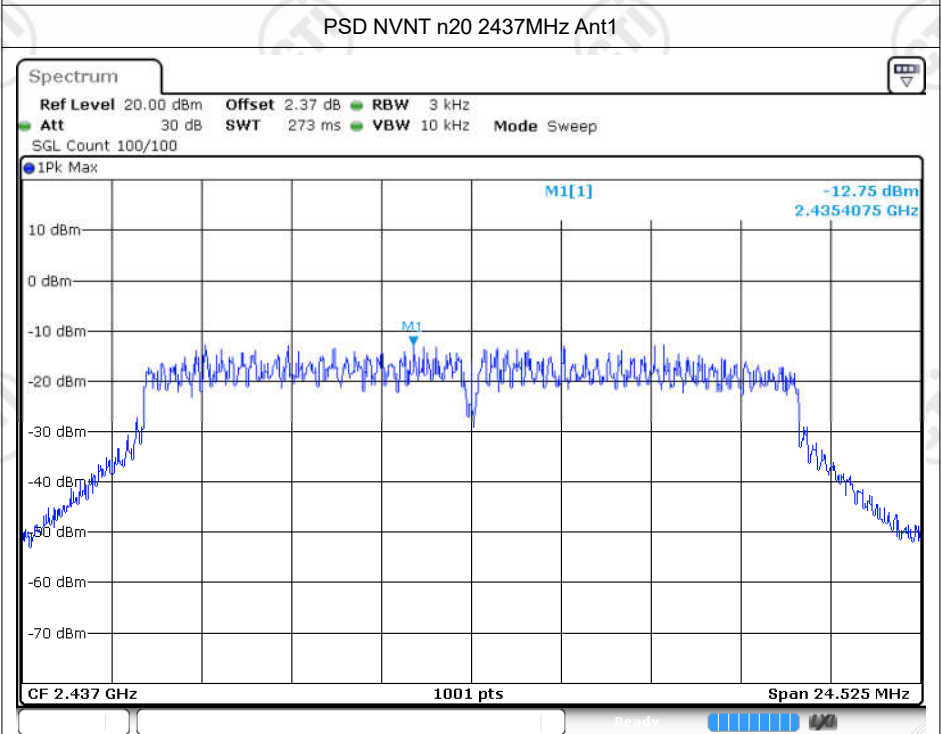
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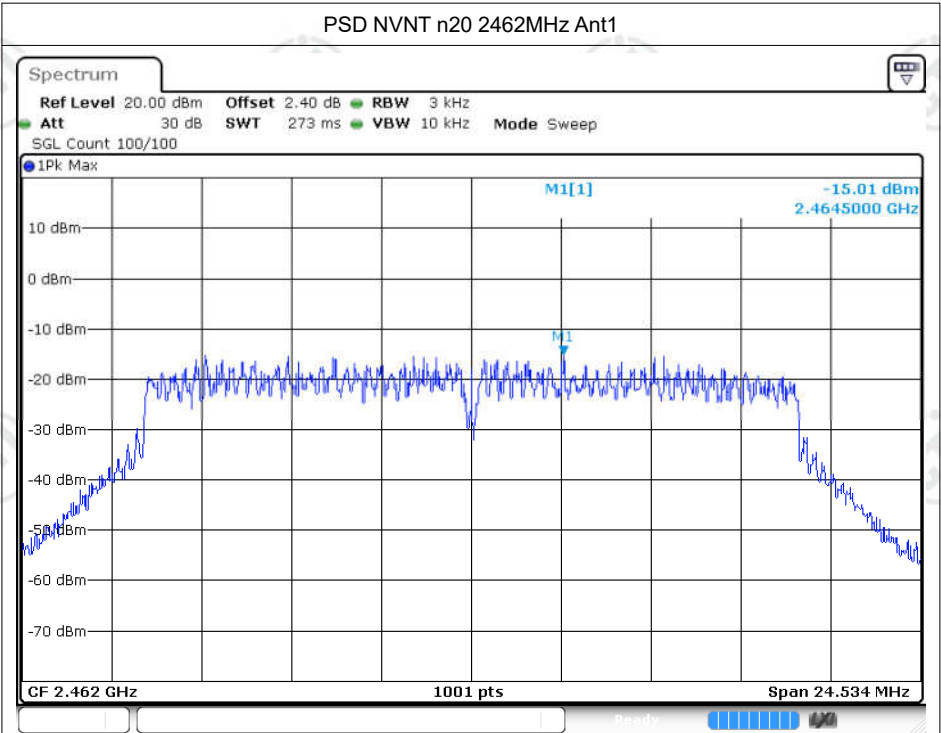
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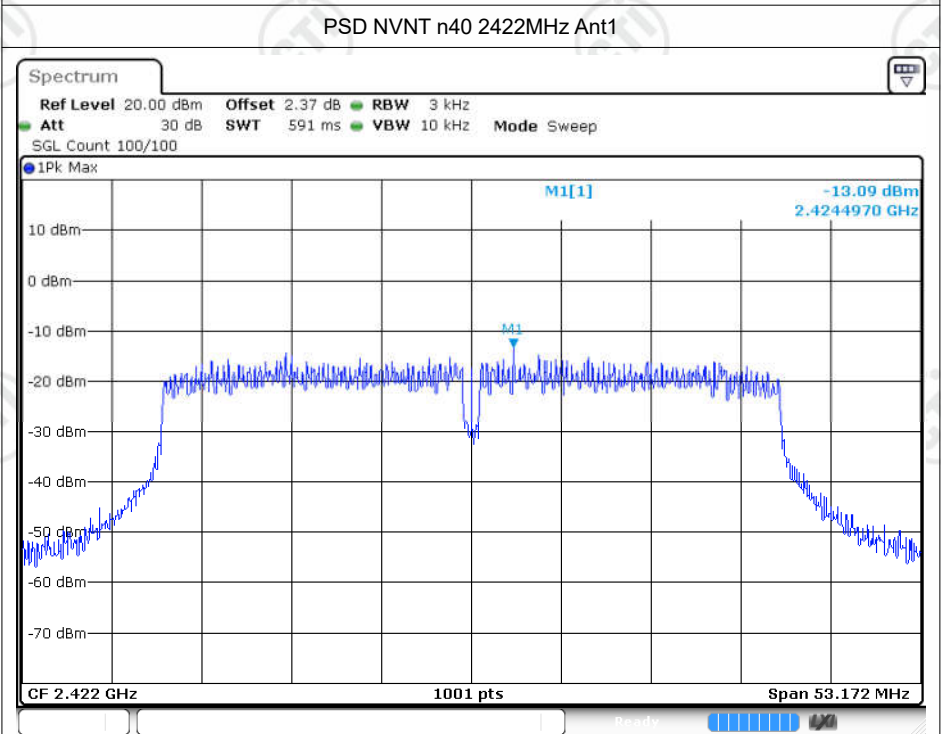
Date: 22 JUL 2025 14:03:46



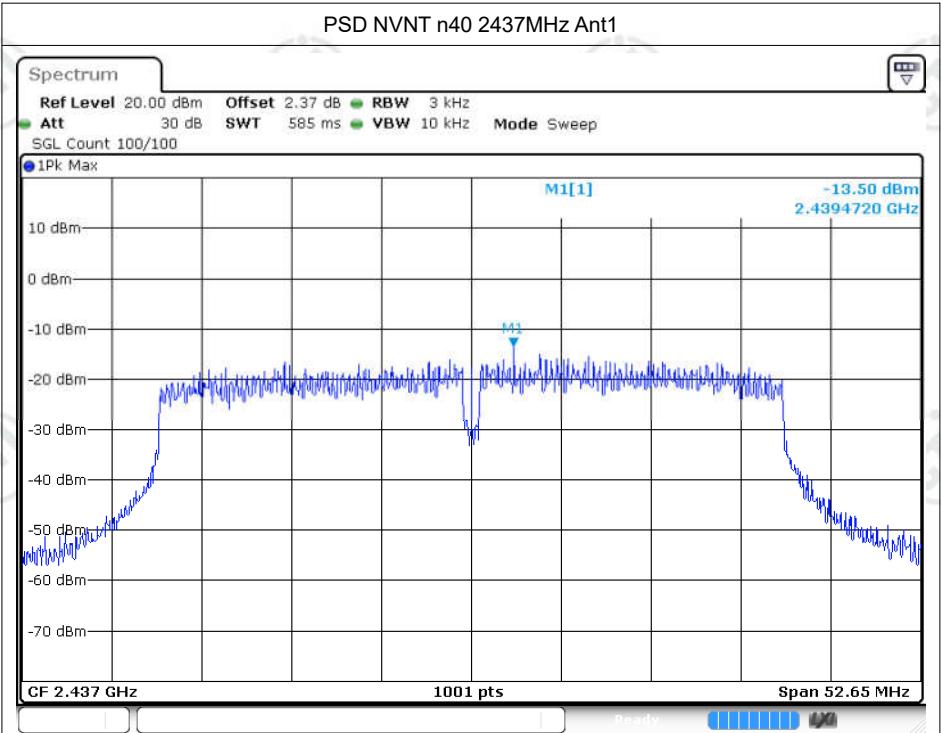
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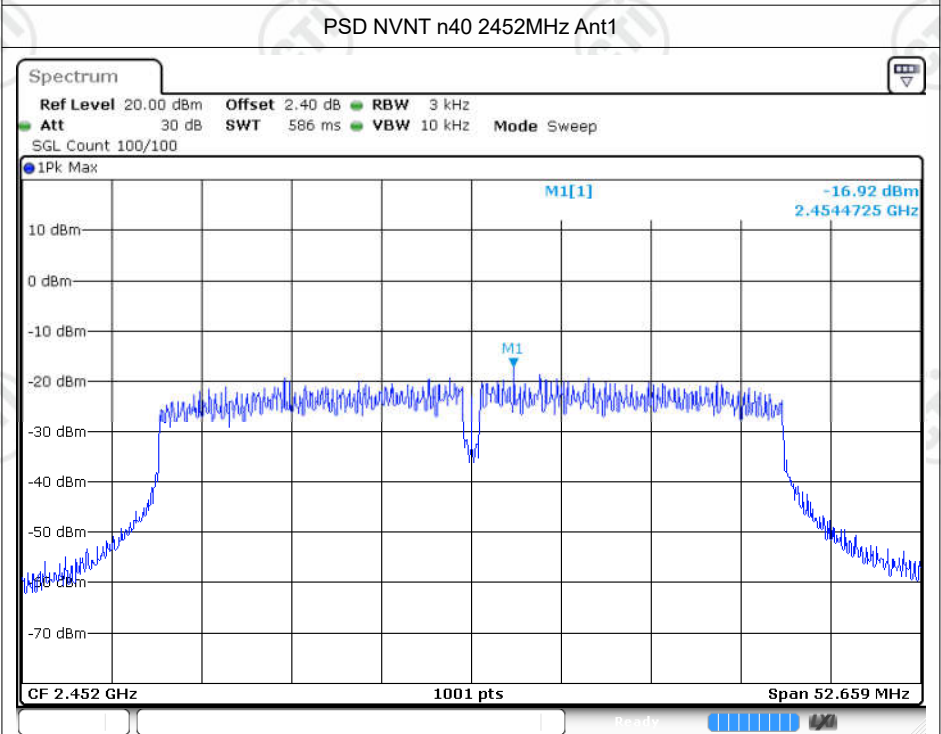
Date: 22.JUL.2025 14:08:04



Date: 5.AUG.2025 15:48:35



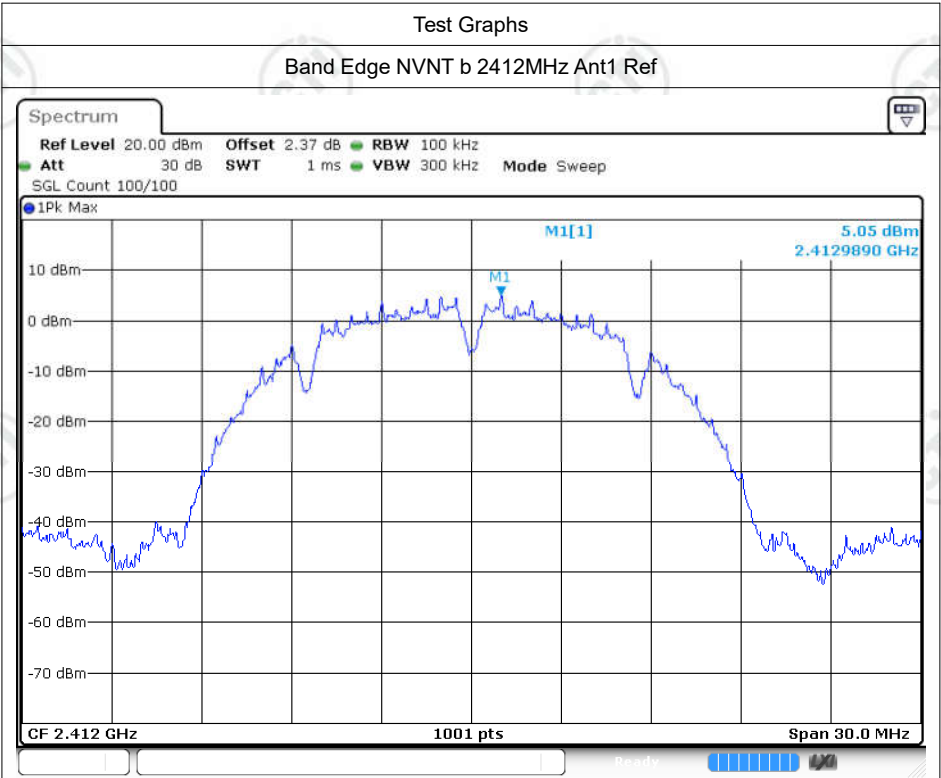
Date: 5.AUG.2025 15:51:52



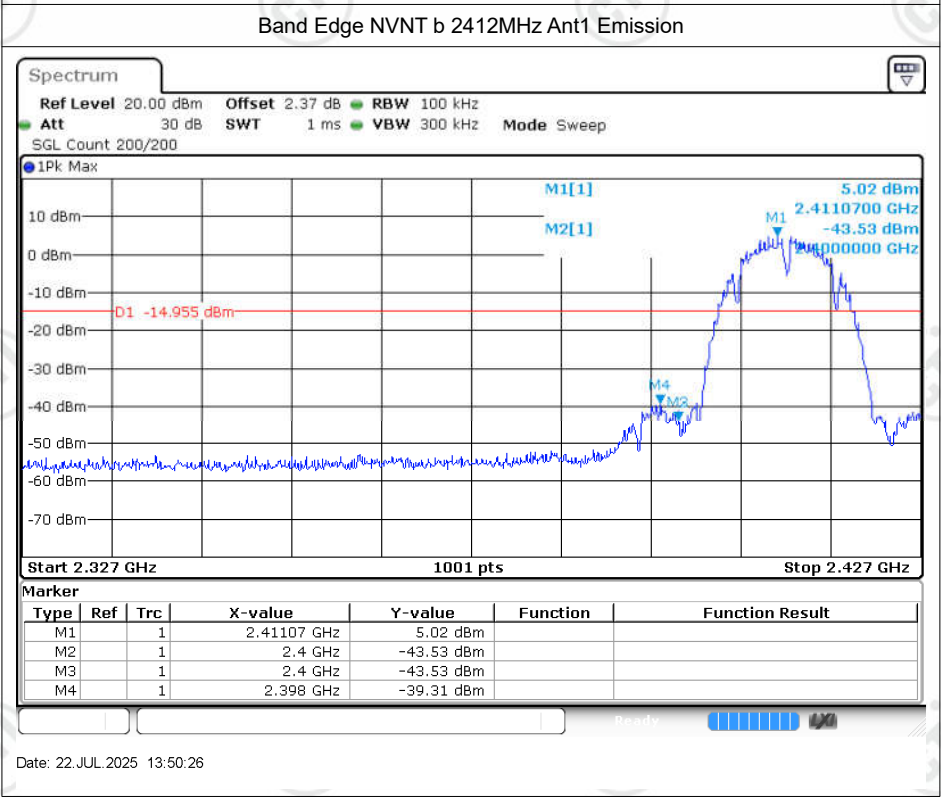
Date: 5.AUG.2025 15:55:50

Band Edge

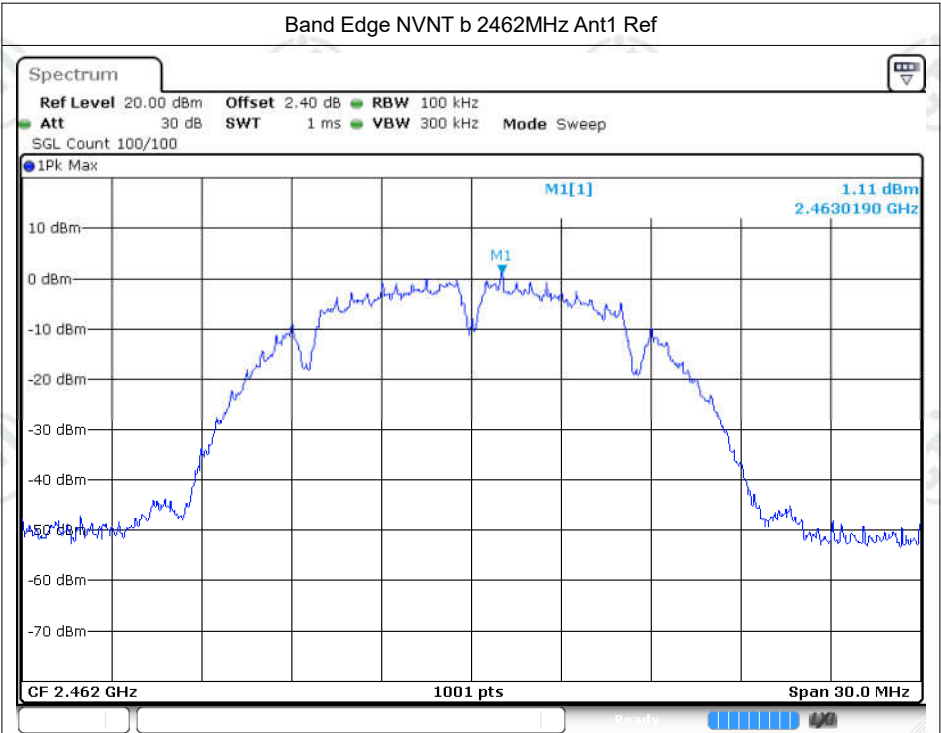
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.35	-20	Pass
NVNT	b	2462	Ant1	-55.5	-20	Pass
NVNT	g	2412	Ant1	-36.31	-20	Pass
NVNT	g	2462	Ant1	-51.85	-20	Pass
NVNT	n20	2412	Ant1	-32.74	-20	Pass
NVNT	n20	2462	Ant1	-50.54	-20	Pass
NVNT	n40	2422	Ant1	-28.91	-20	Pass
NVNT	n40	2452	Ant1	-37.7	-20	Pass



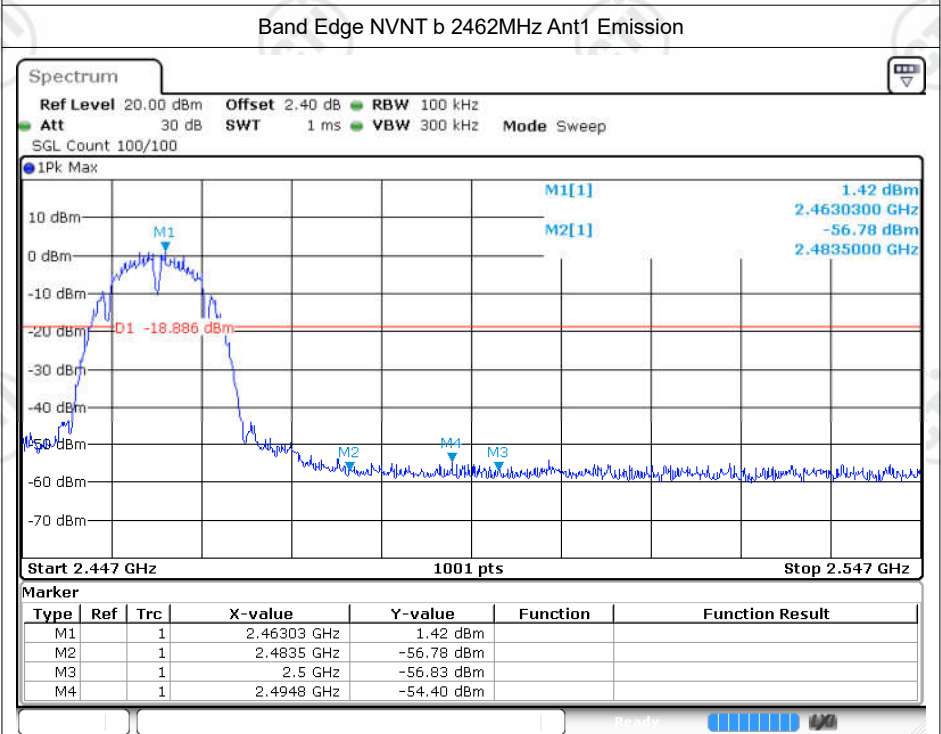
Date: 22.JUL.2025 13:50:24



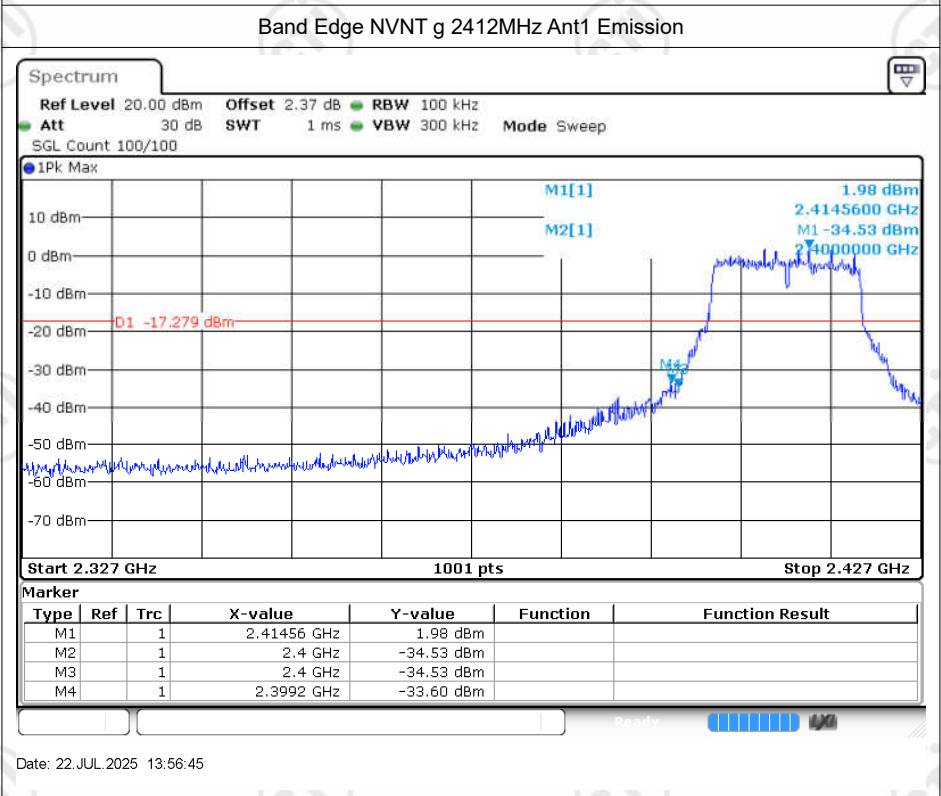
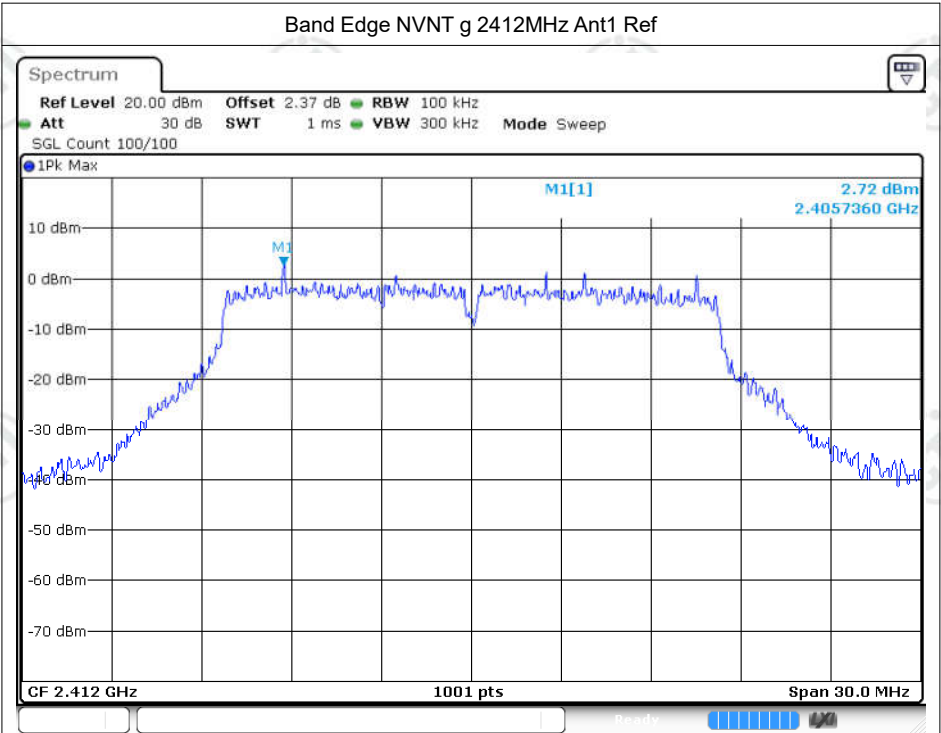
Date: 22.JUL.2025 13:50:26

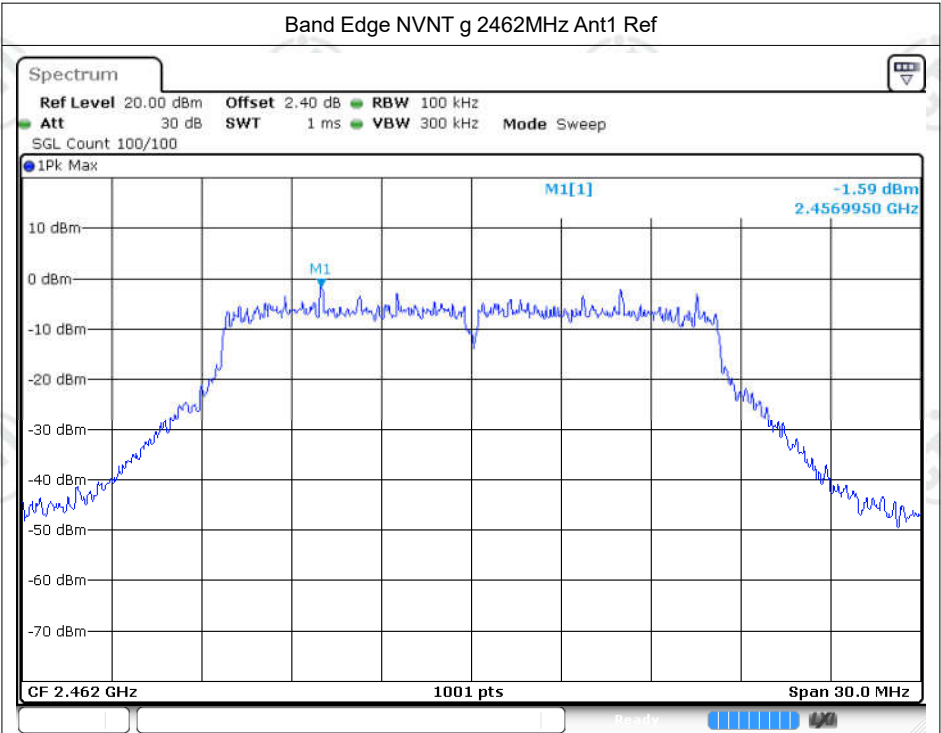


Date: 22 JUL 2025 13:54:14

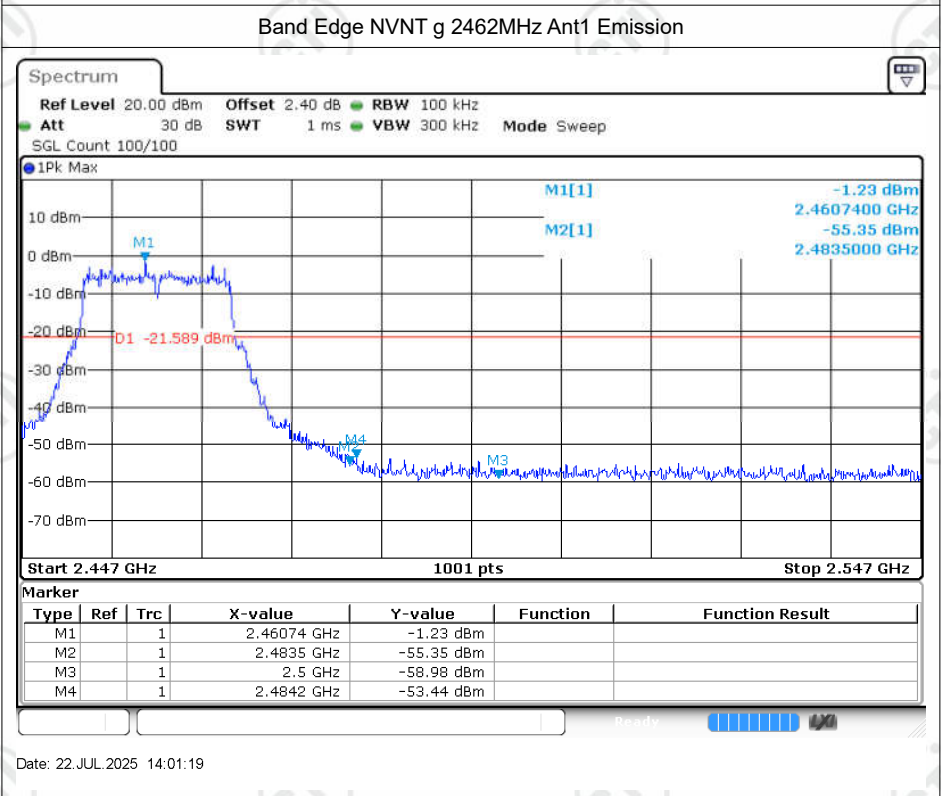


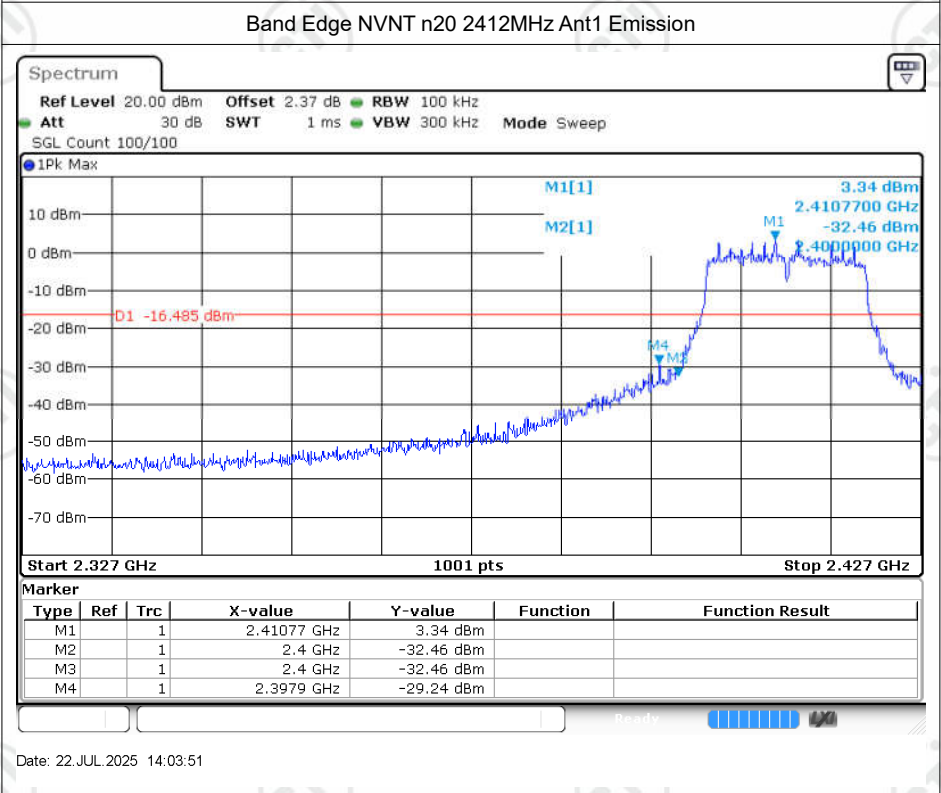
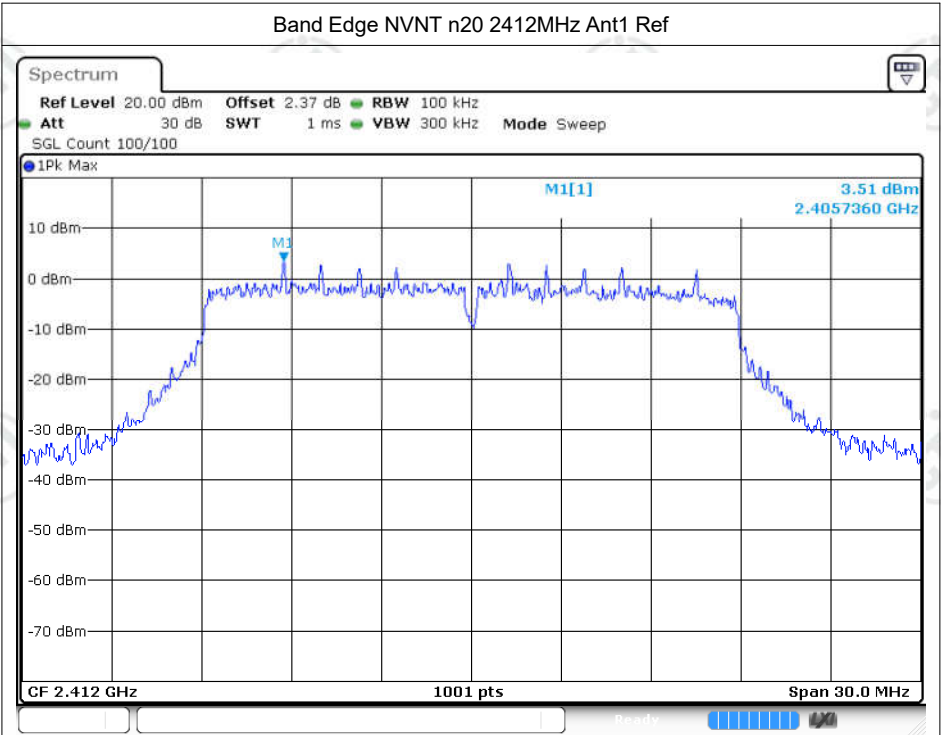
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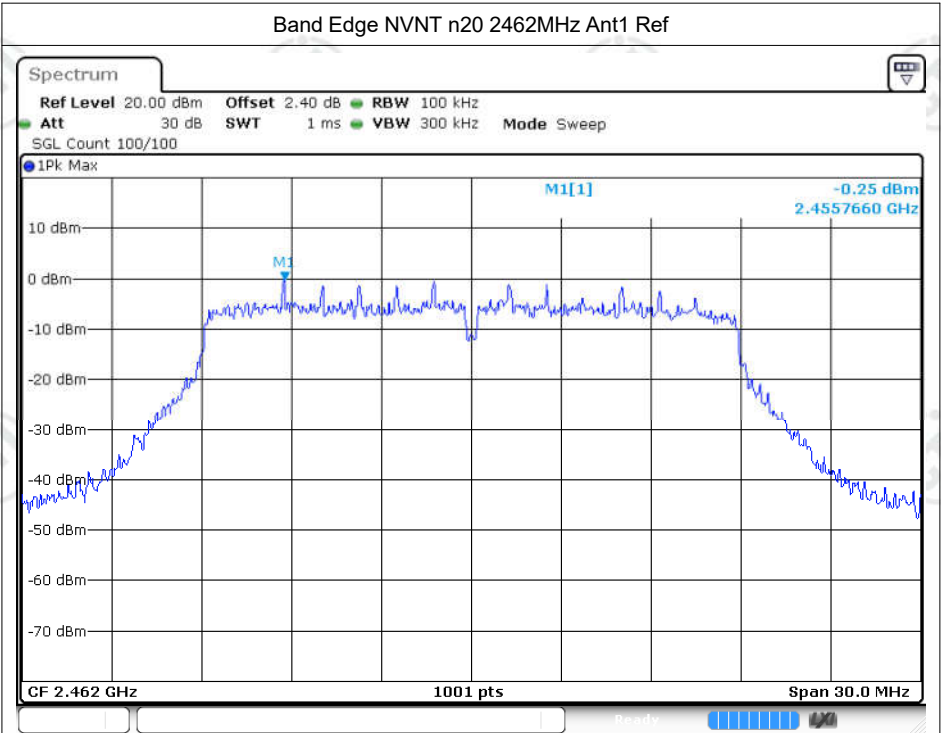




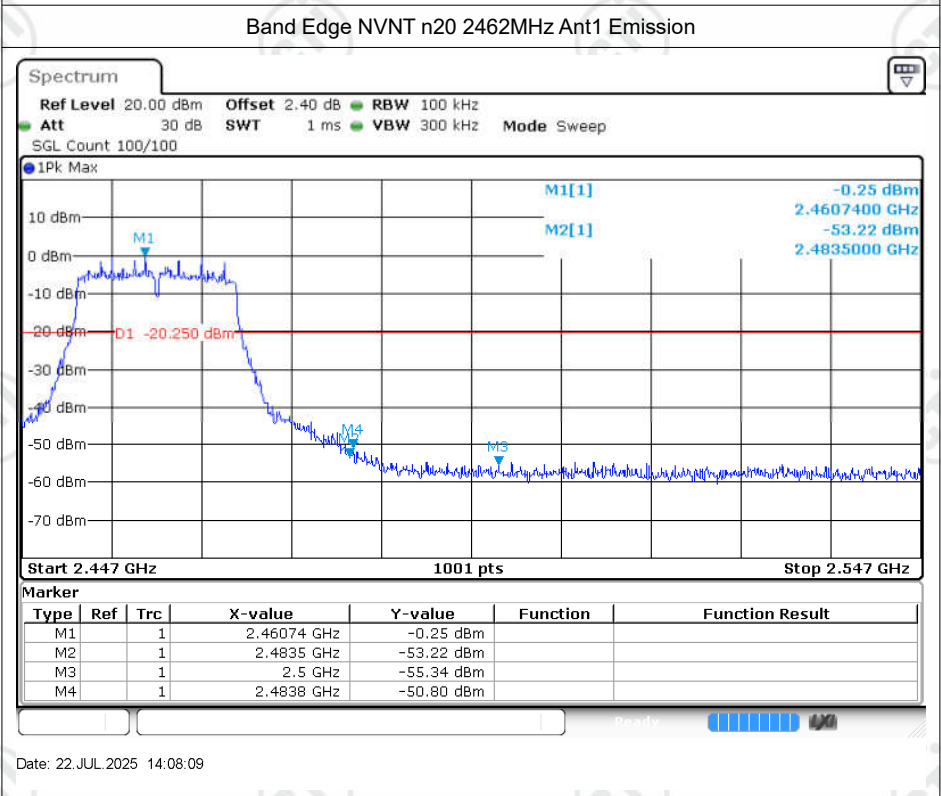
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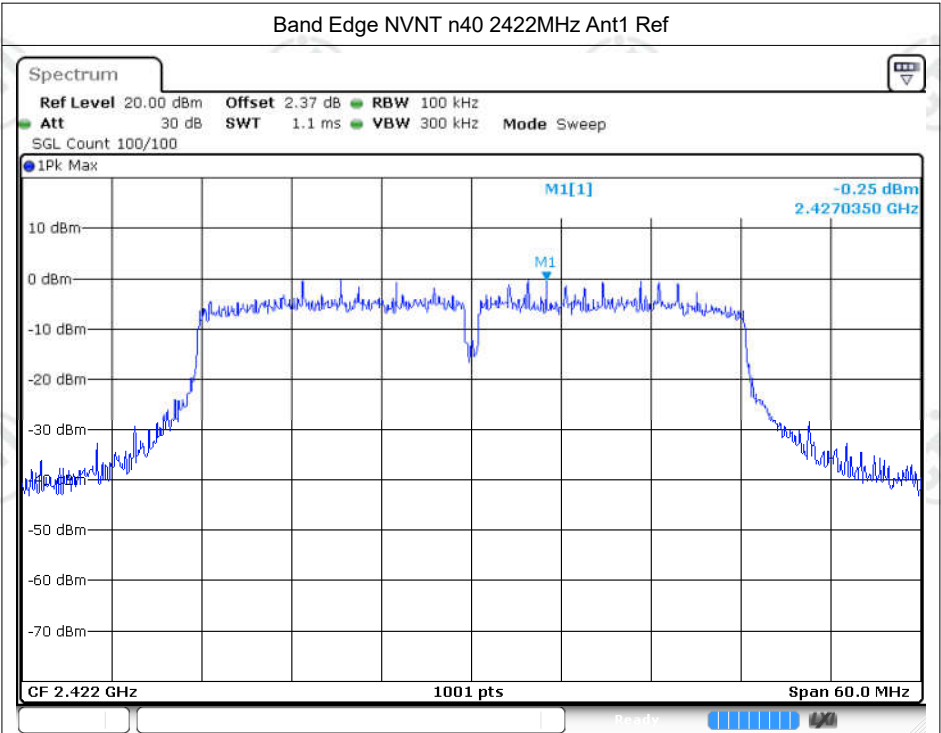




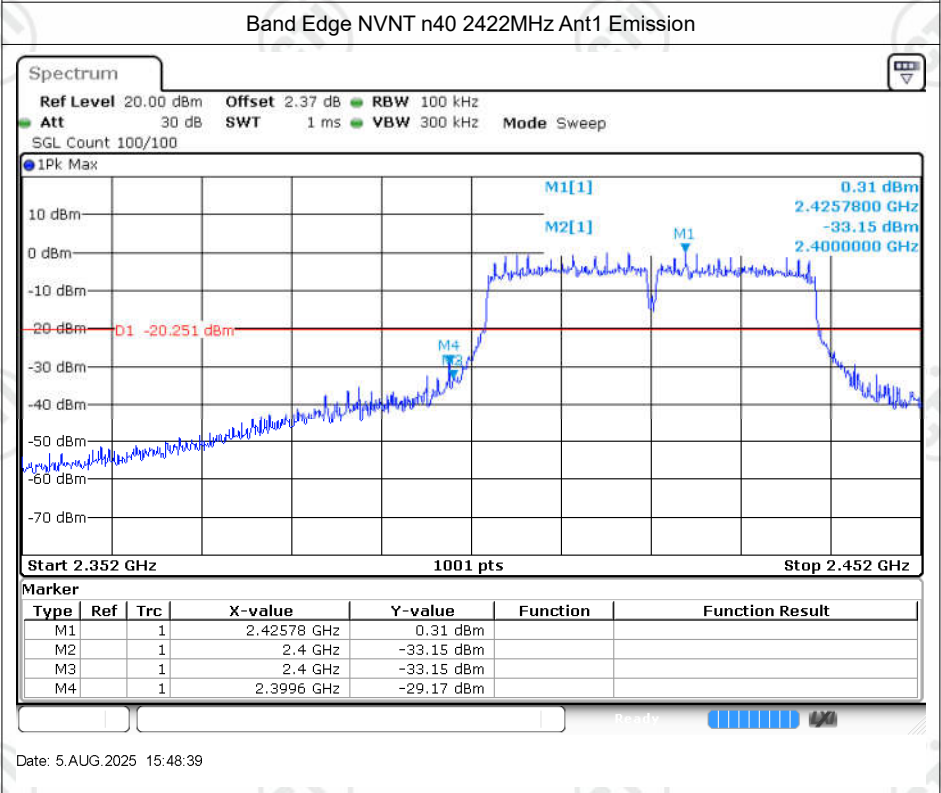
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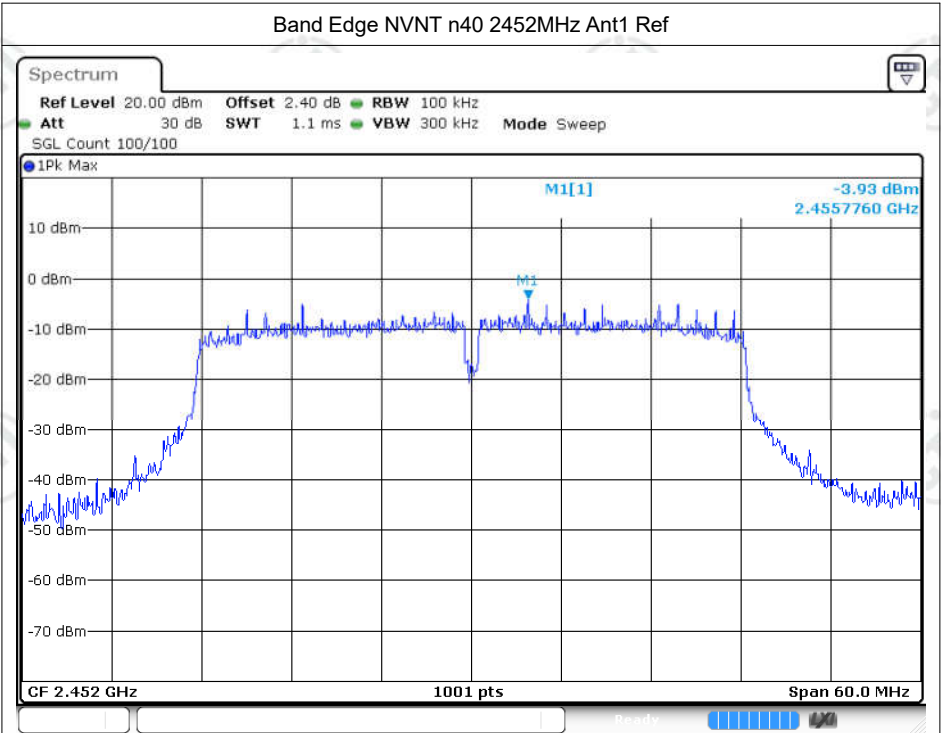
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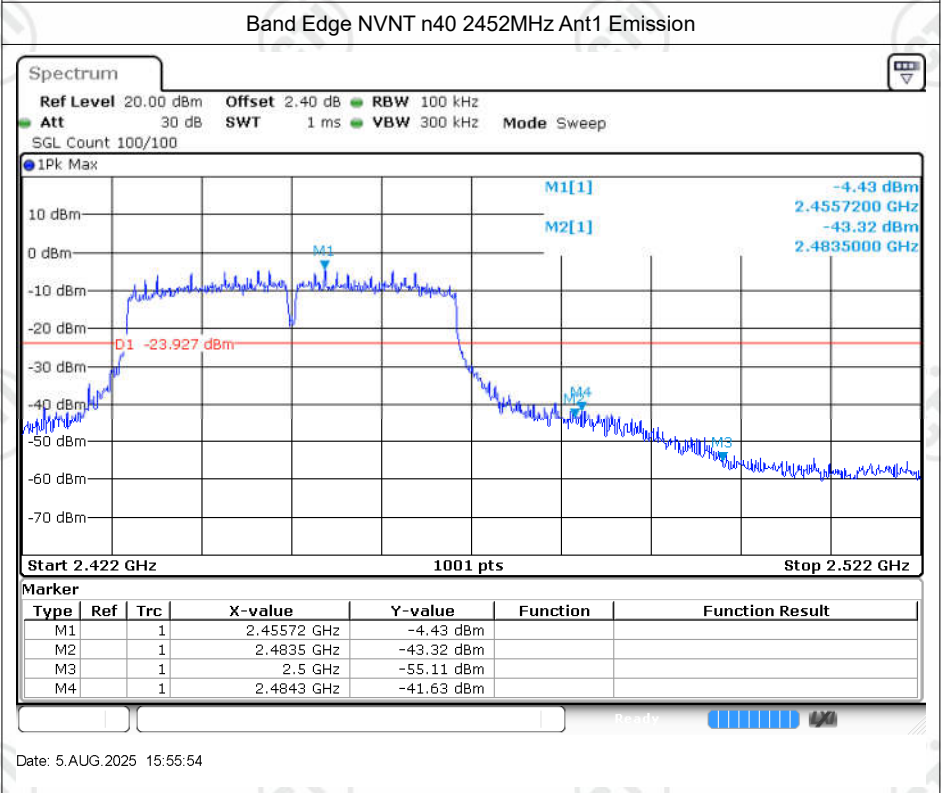
Date: 5.AUG.2025 15:48:38



Date: 5.AUG.2025 15:48:39



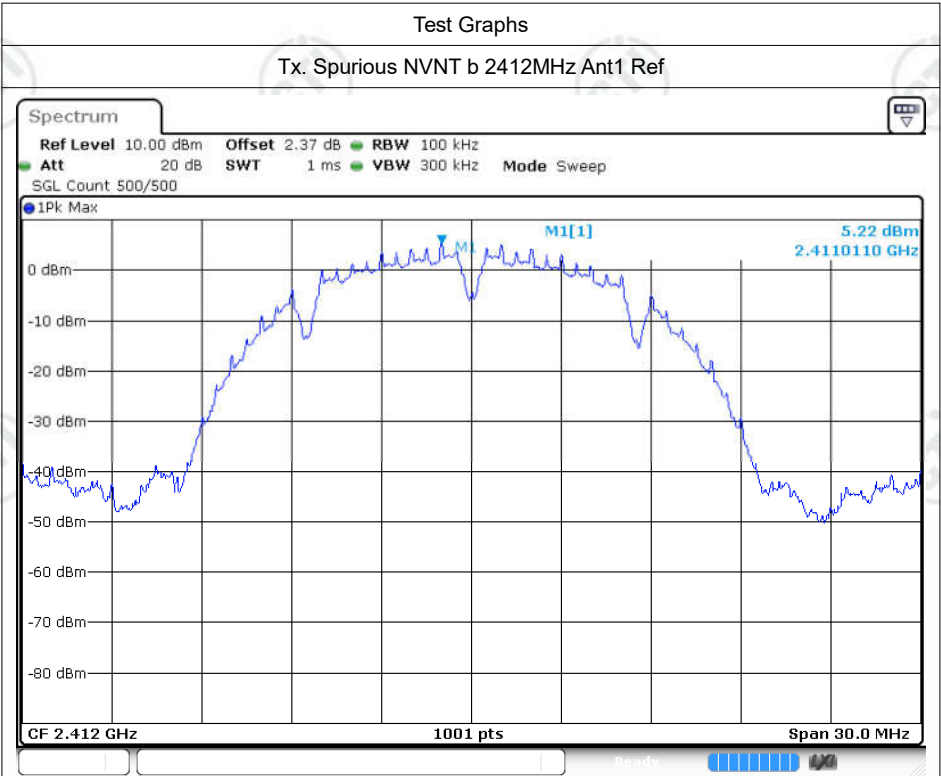
Date: 5.AUG.2025 15:55:53



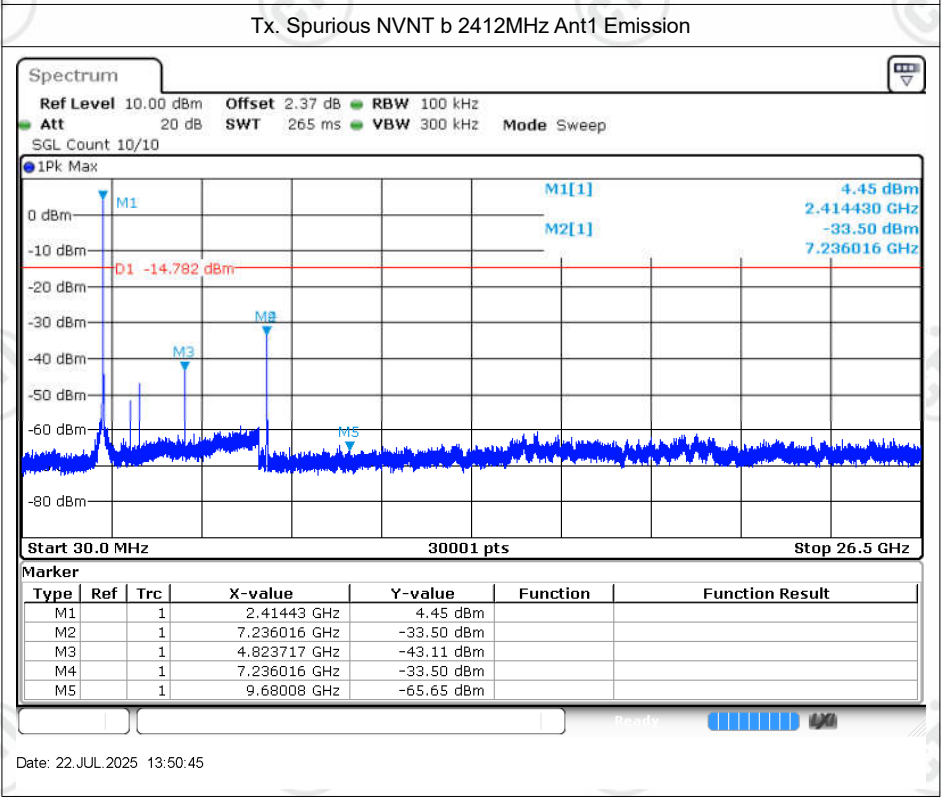
Date: 5.AUG.2025 15:55:54

Conducted RF Spurious Emission

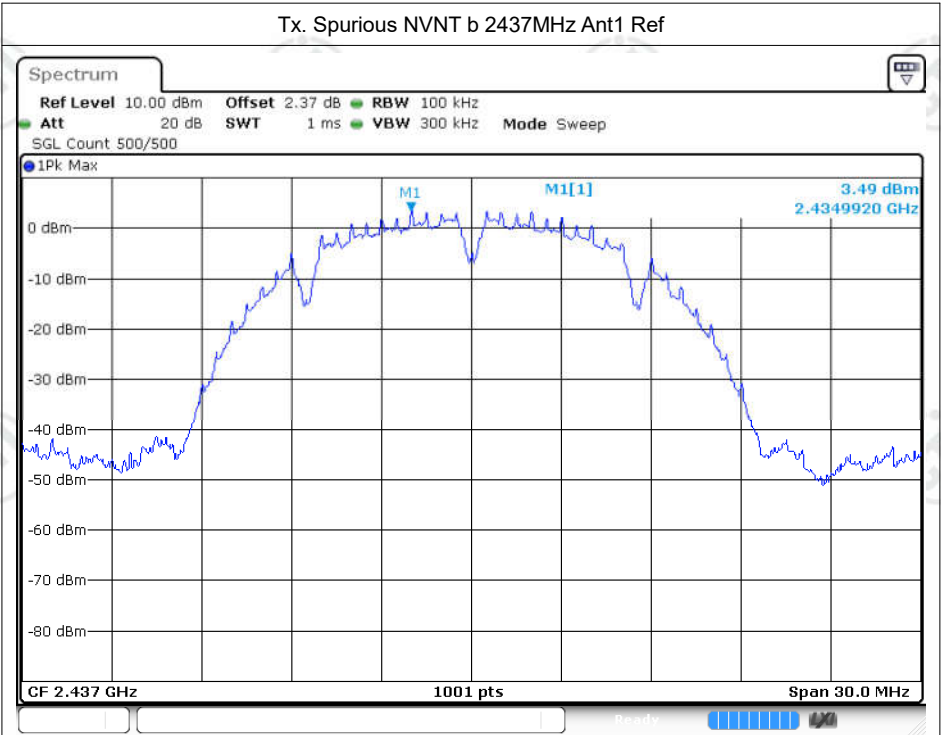
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-38.72	-20	Pass
NVNT	b	2437	Ant1	-40.46	-20	Pass
NVNT	b	2462	Ant1	-45.29	-20	Pass
NVNT	g	2412	Ant1	-38.17	-20	Pass
NVNT	g	2437	Ant1	-39.65	-20	Pass
NVNT	g	2462	Ant1	-44.76	-20	Pass
NVNT	n20	2412	Ant1	-36.75	-20	Pass
NVNT	n20	2437	Ant1	-38.68	-20	Pass
NVNT	n20	2462	Ant1	-42.86	-20	Pass
NVNT	n40	2422	Ant1	-37.83	-20	Pass
NVNT	n40	2437	Ant1	-40.5	-20	Pass
NVNT	n40	2452	Ant1	-41.61	-20	Pass



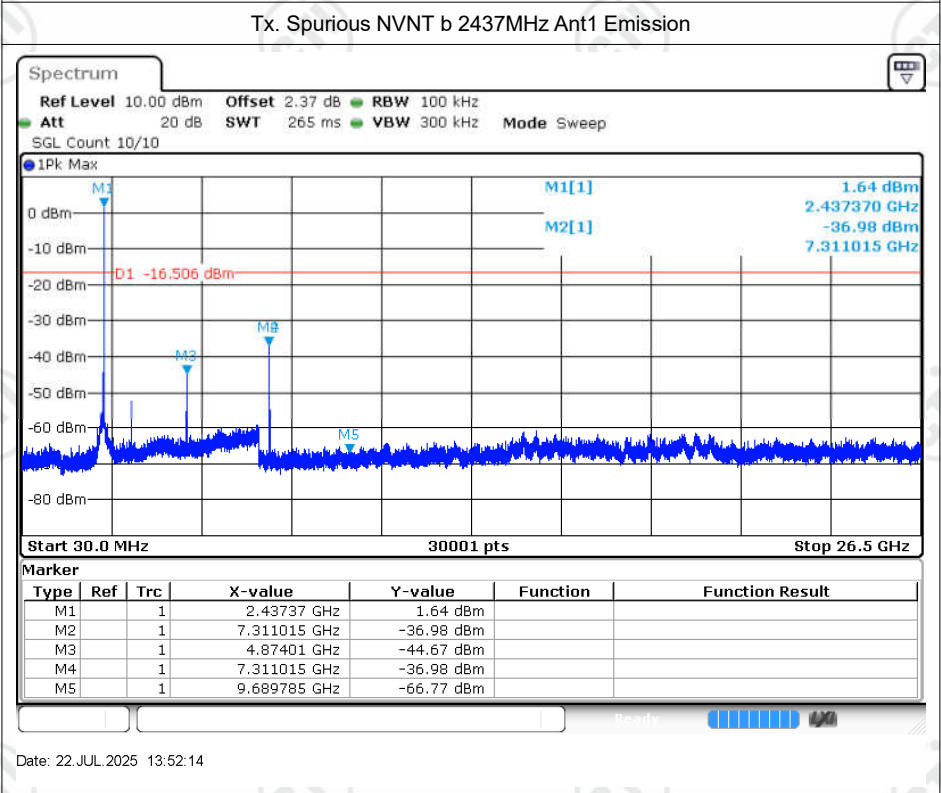
Date: 22.JUL.2025 13:50:33



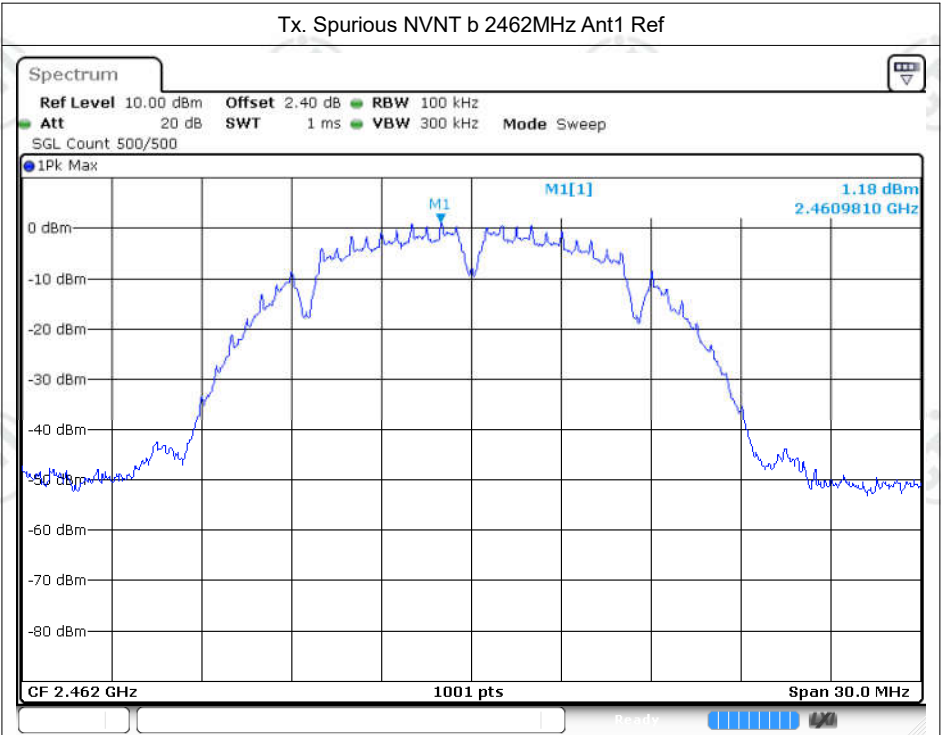
Date: 22.JUL.2025 13:50:45



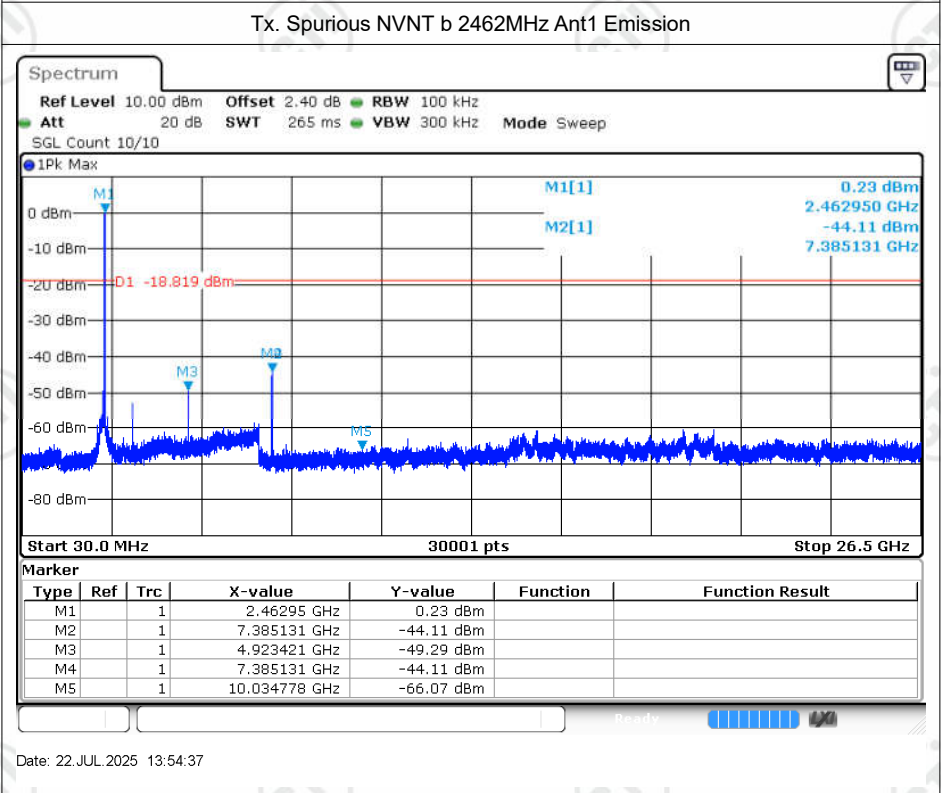
Date: 22 JUL 2025 13:52:03



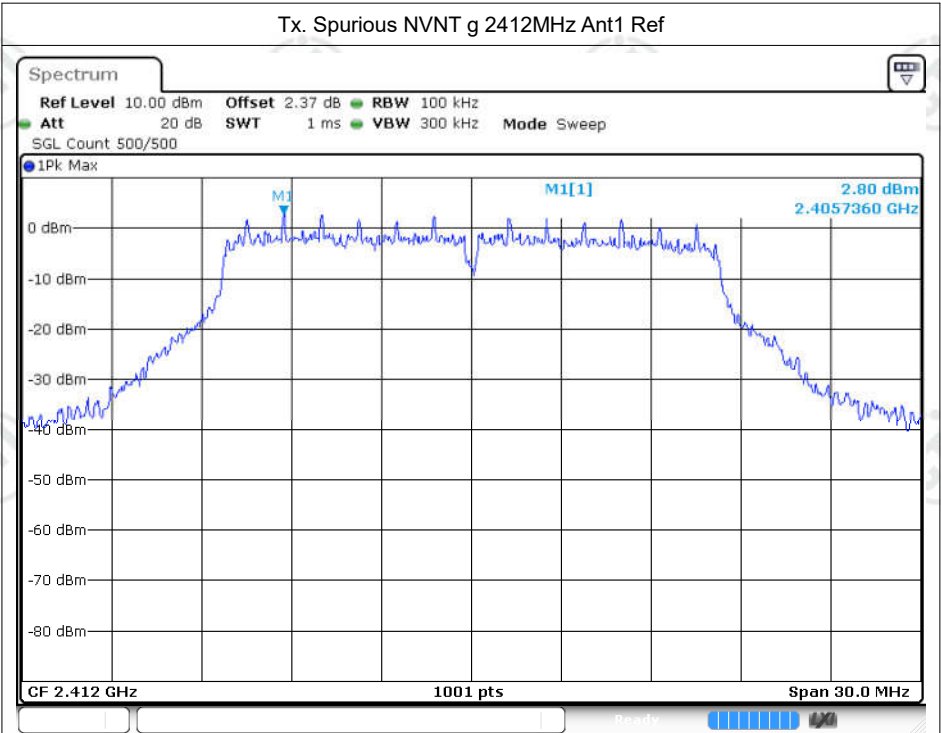
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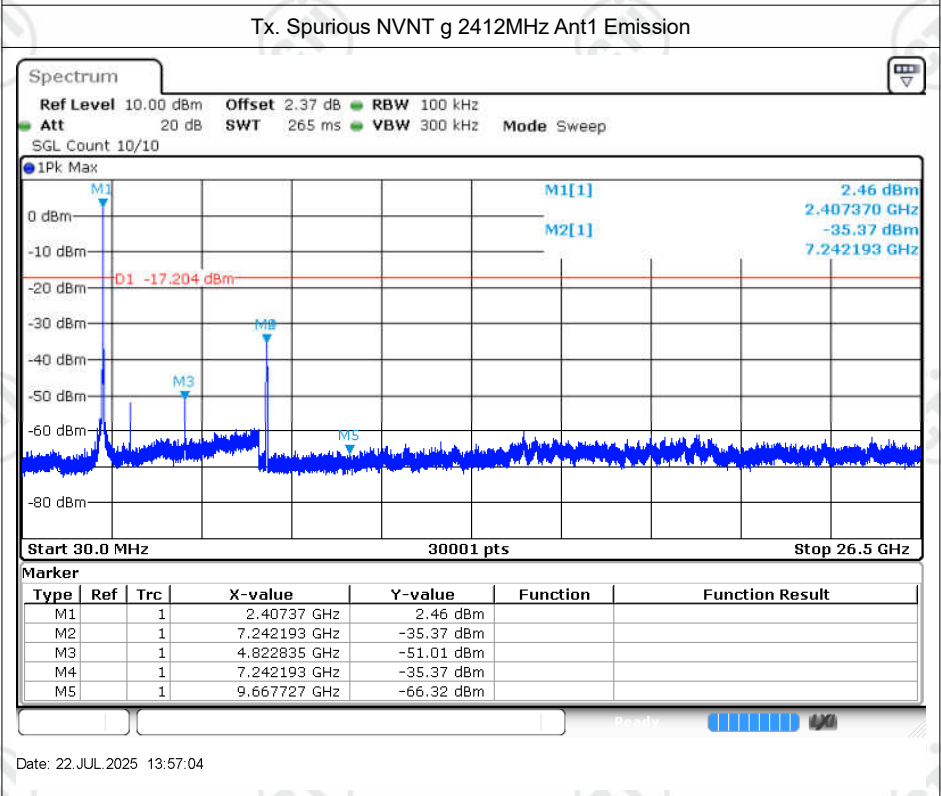
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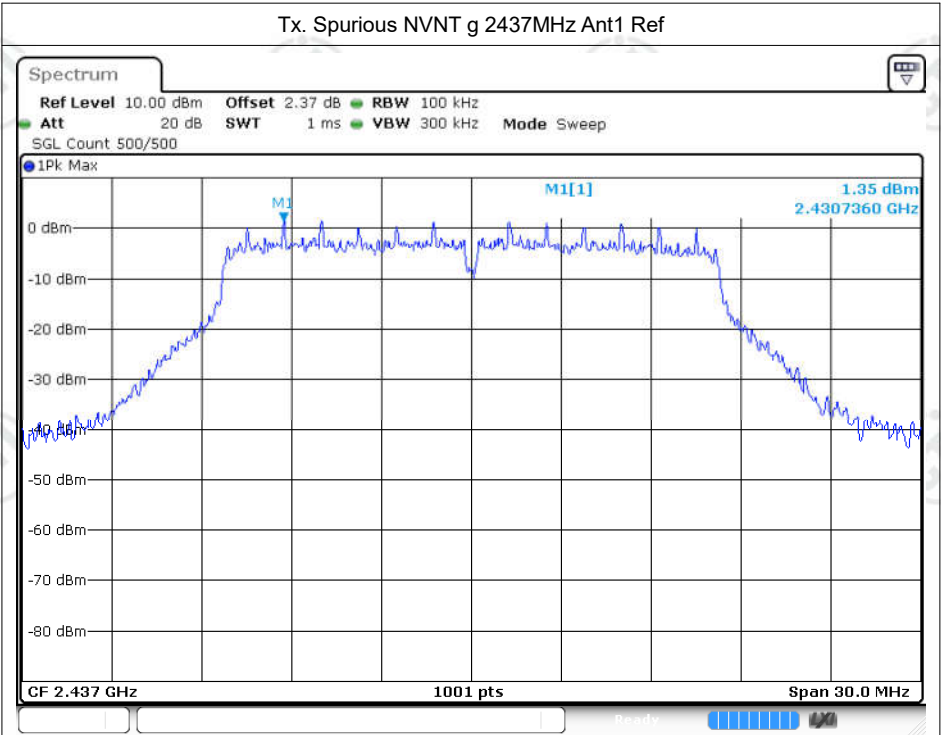
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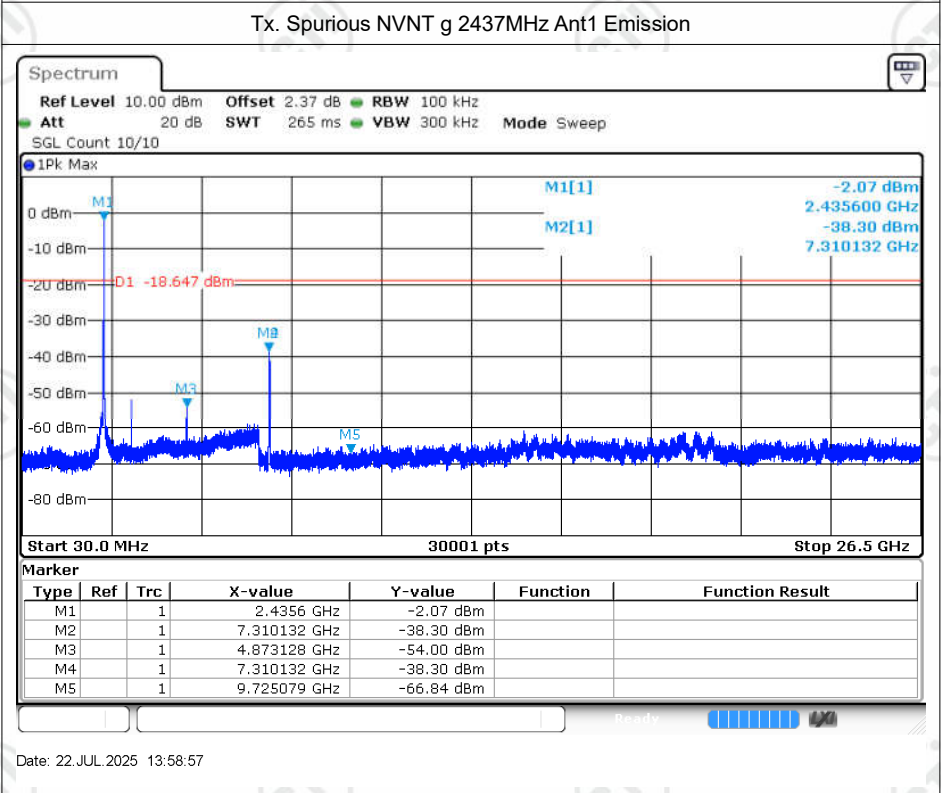
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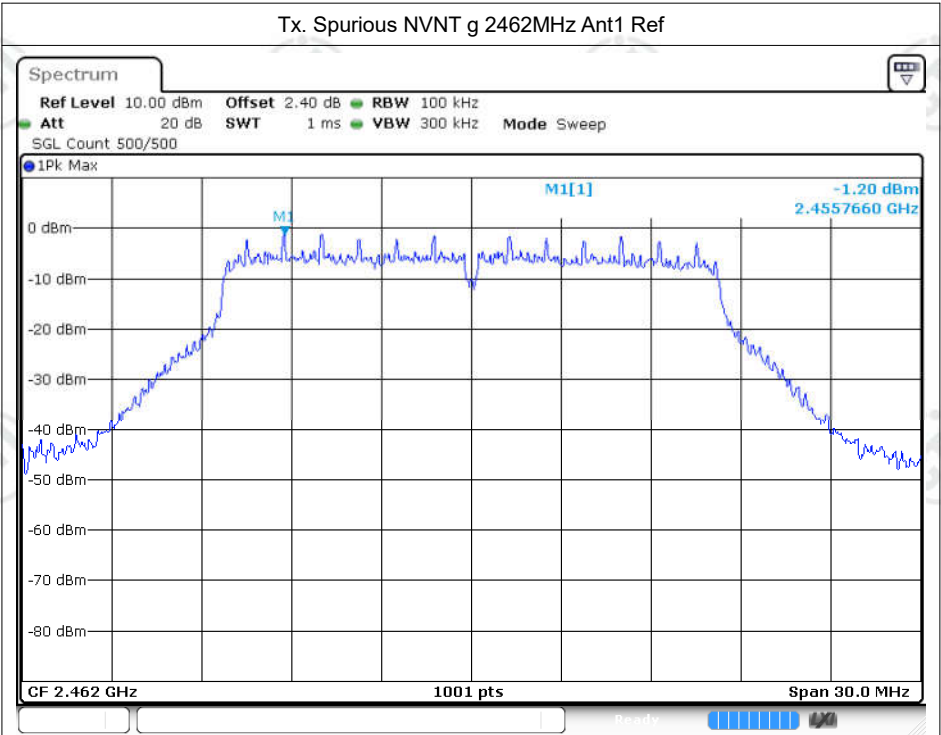
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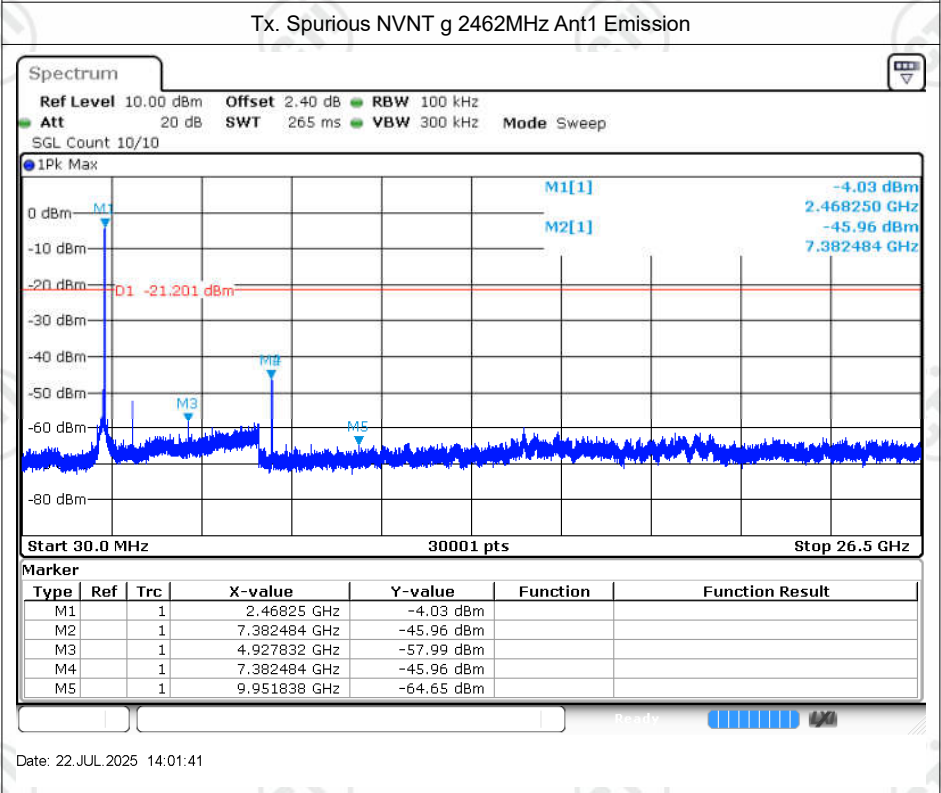
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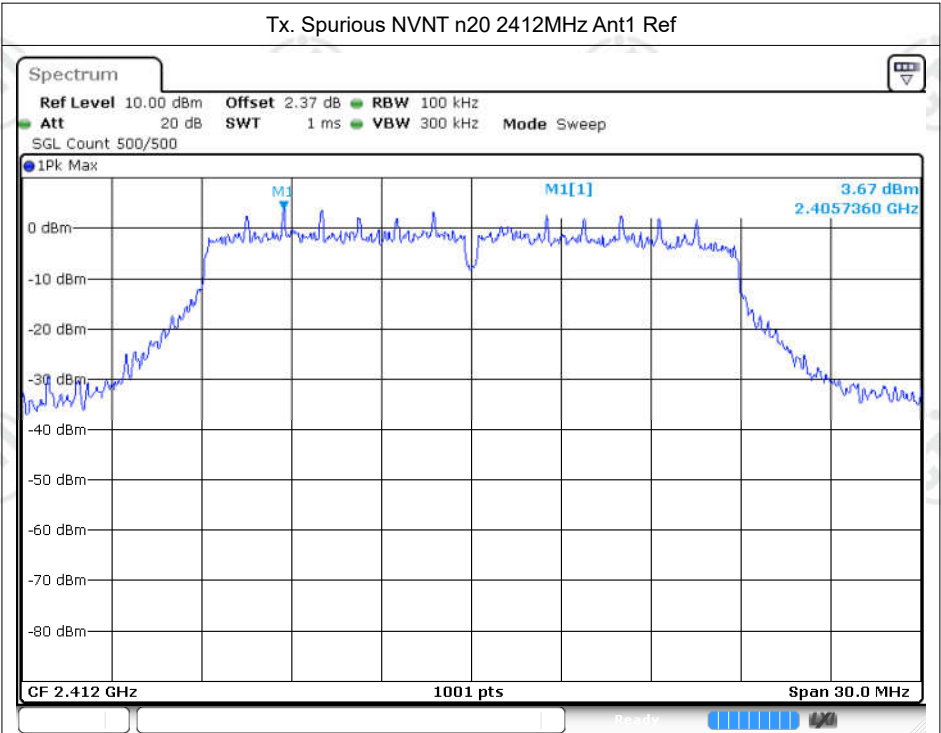
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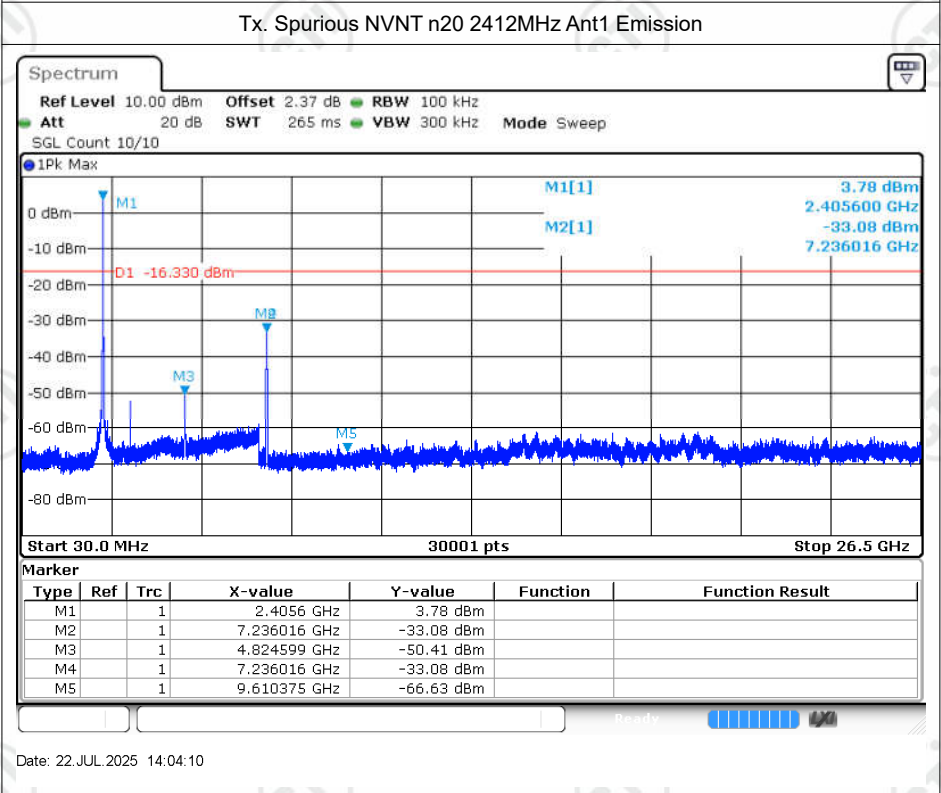
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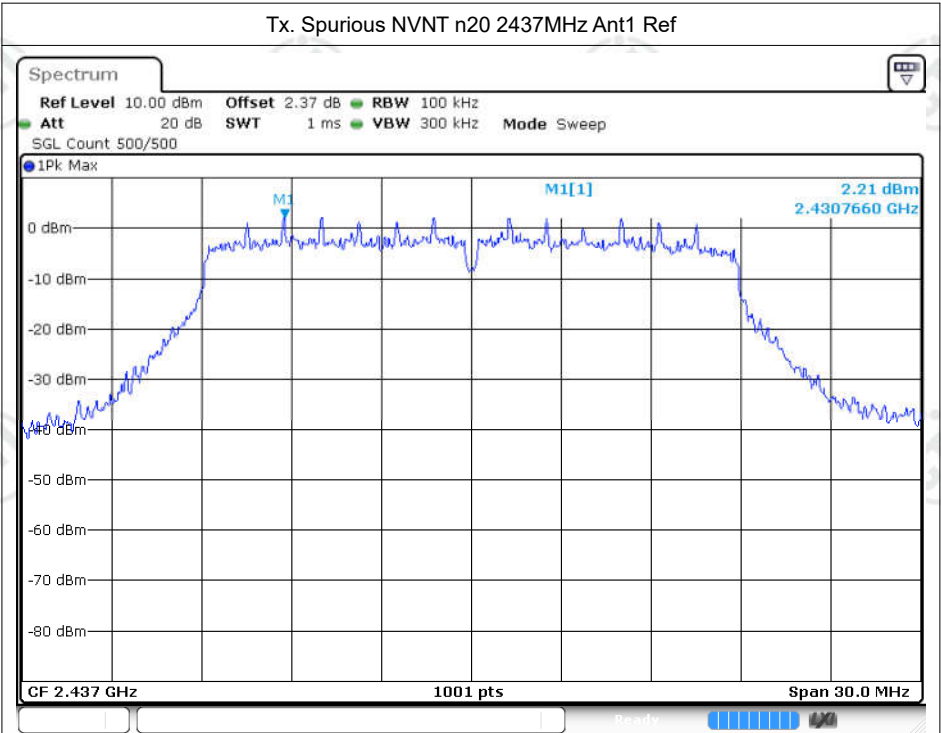
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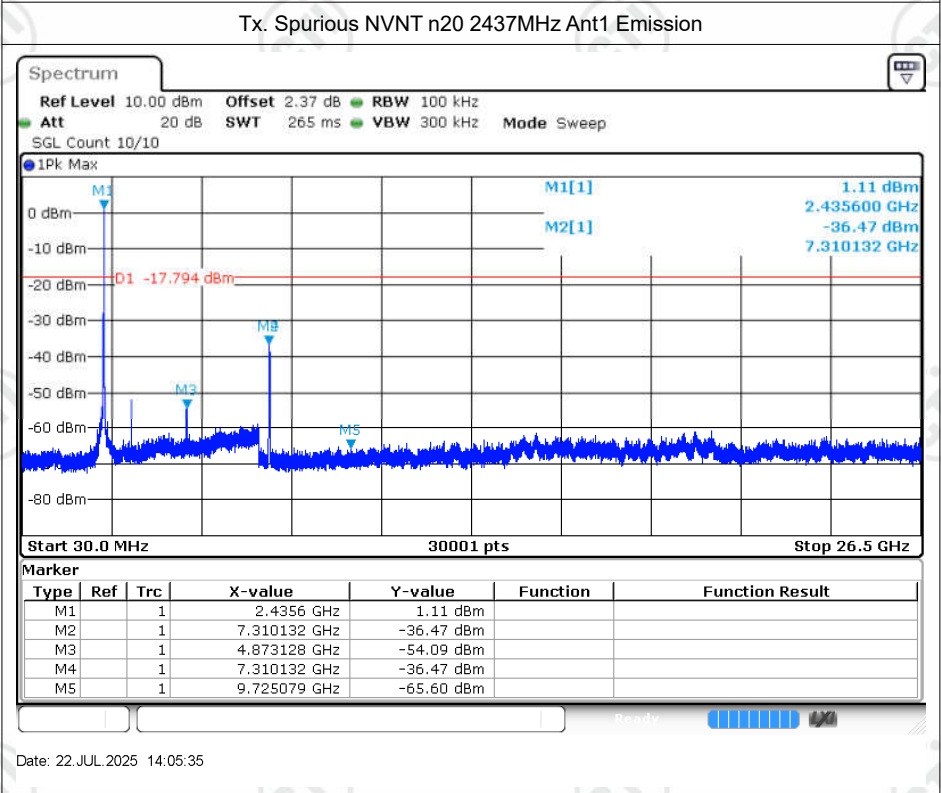
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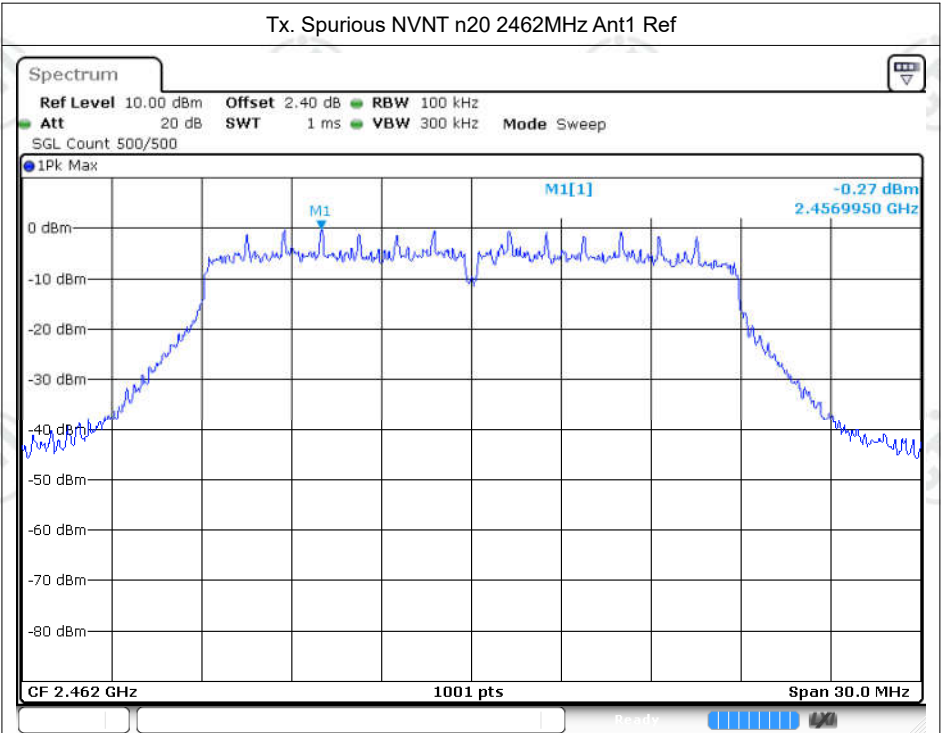
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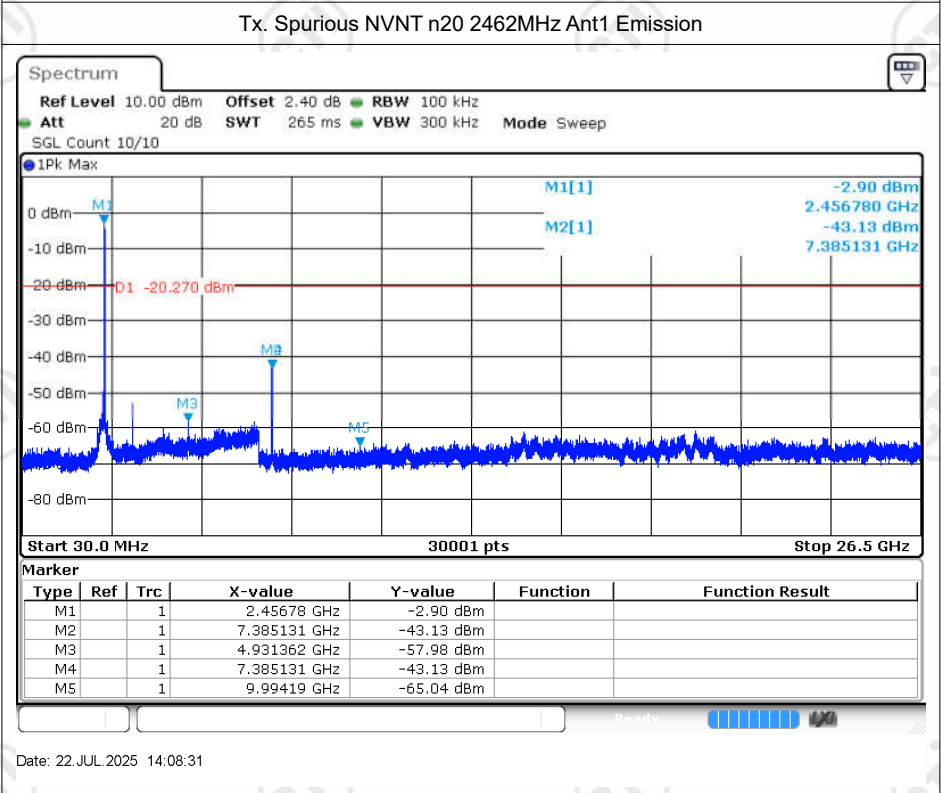
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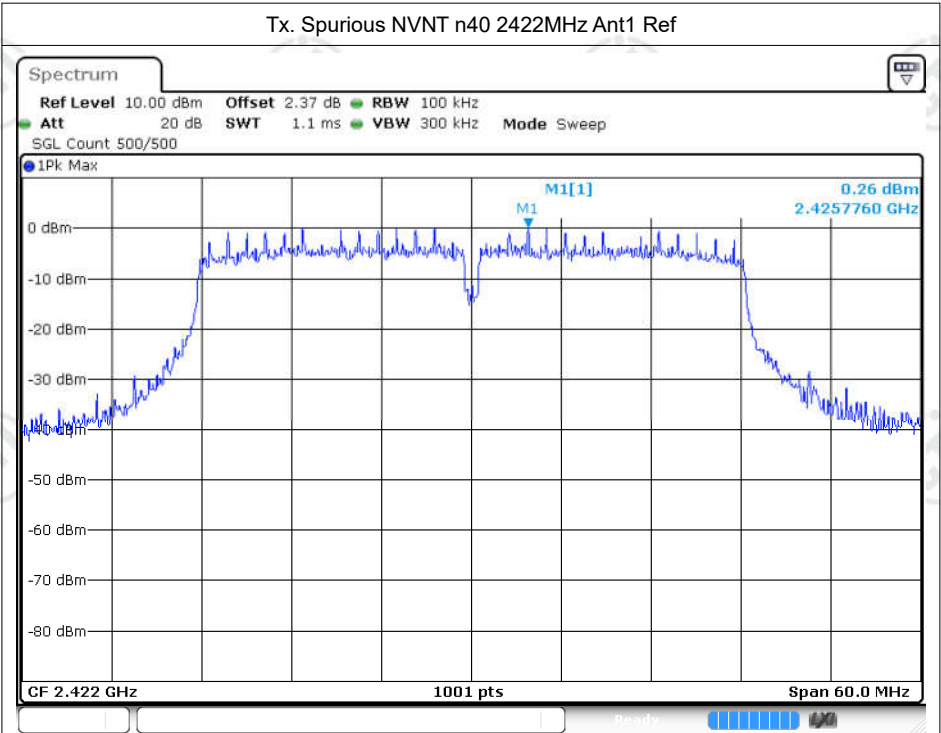
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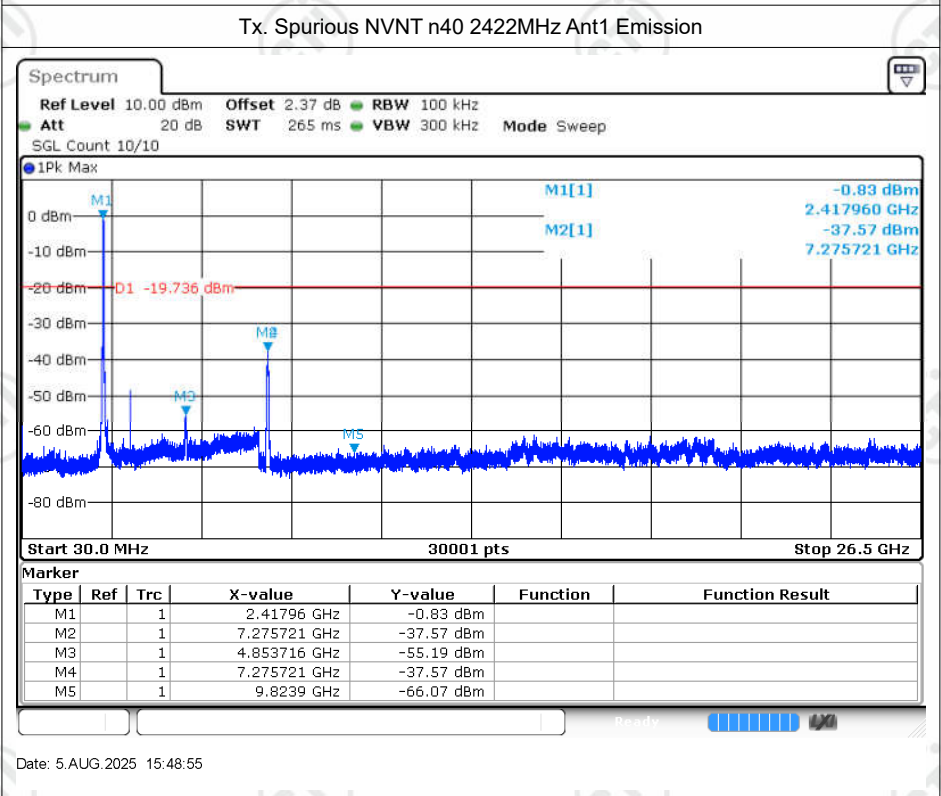
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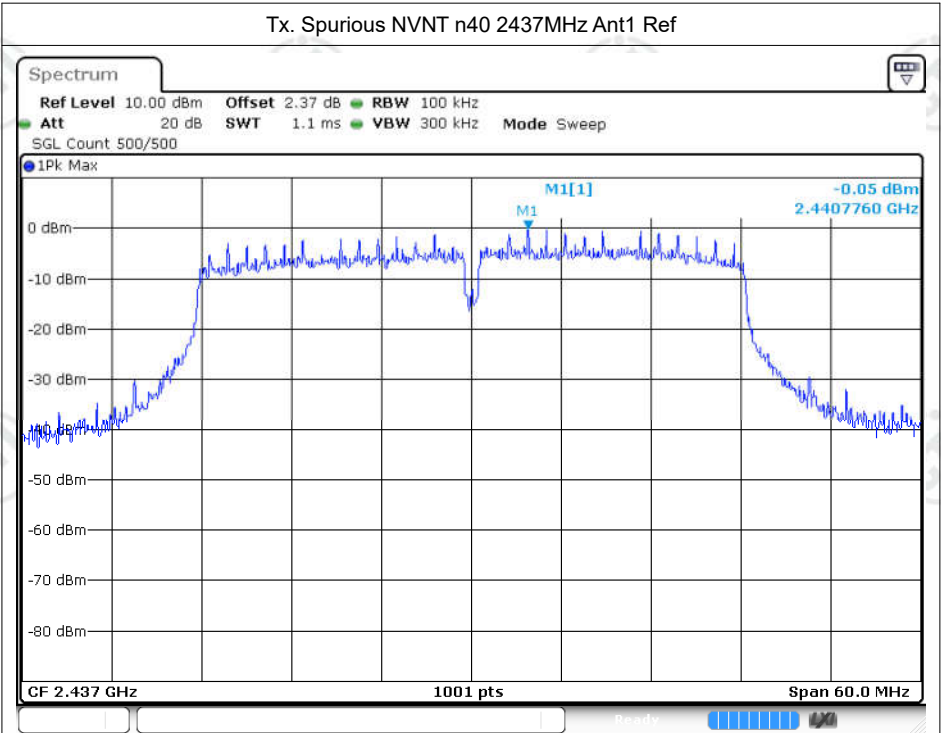
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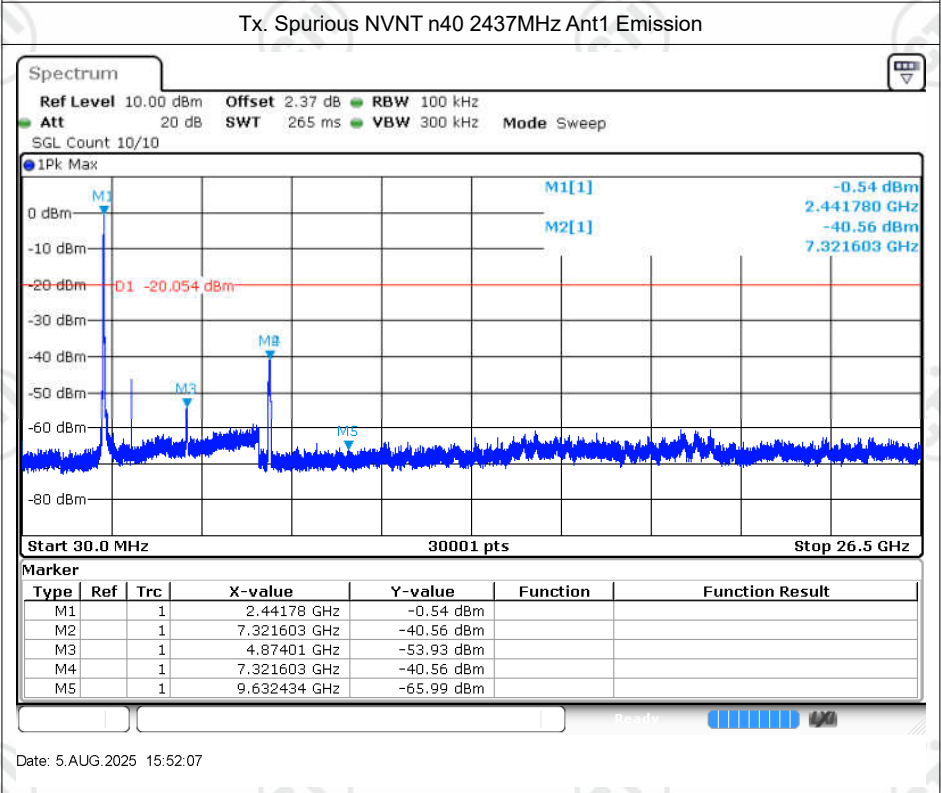
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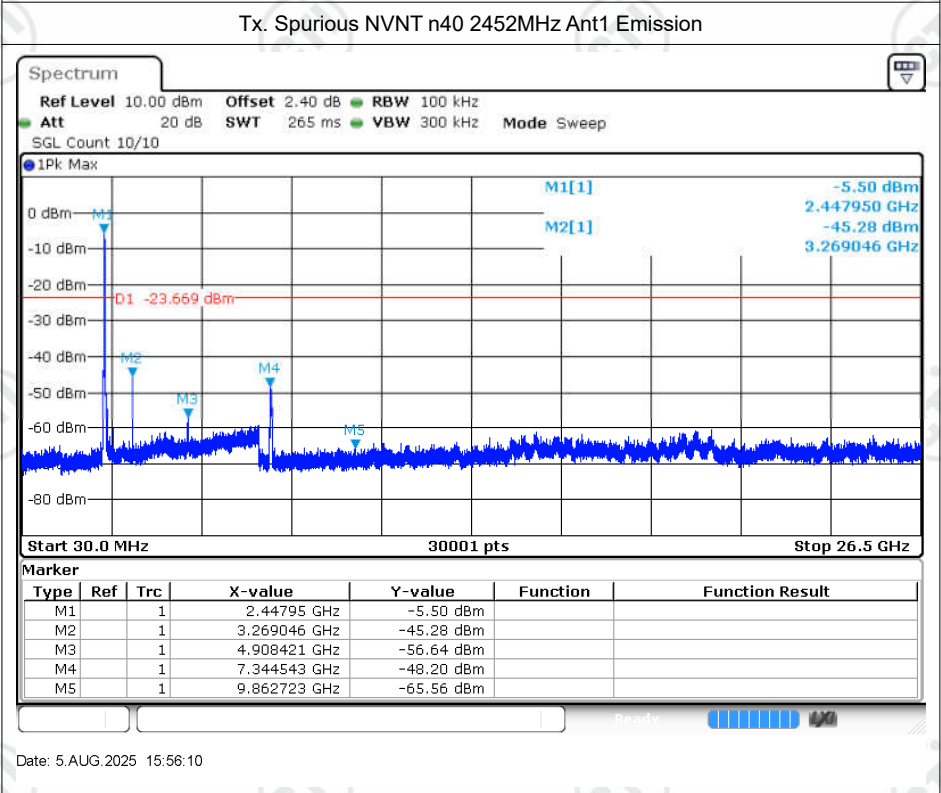
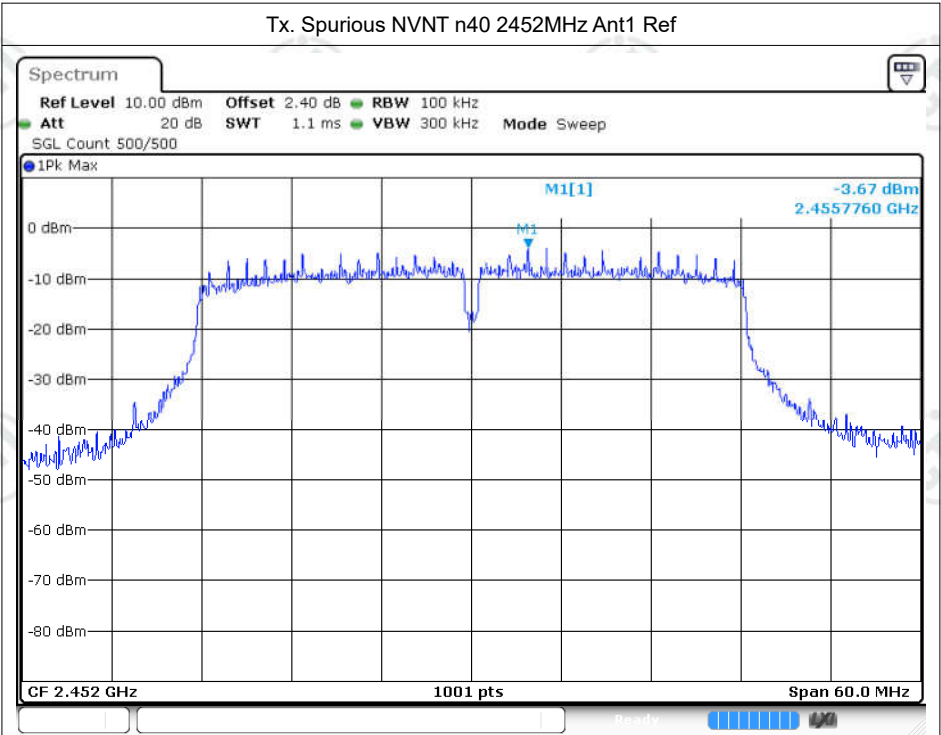
Date: 5.AUG.2025 15:48:55



Date: 5.AUG.2025 15:51:56



Date: 5.AUG.2025 15:52:07



*** End of Report ***