

Appendix: 2.4G Wi-Fi

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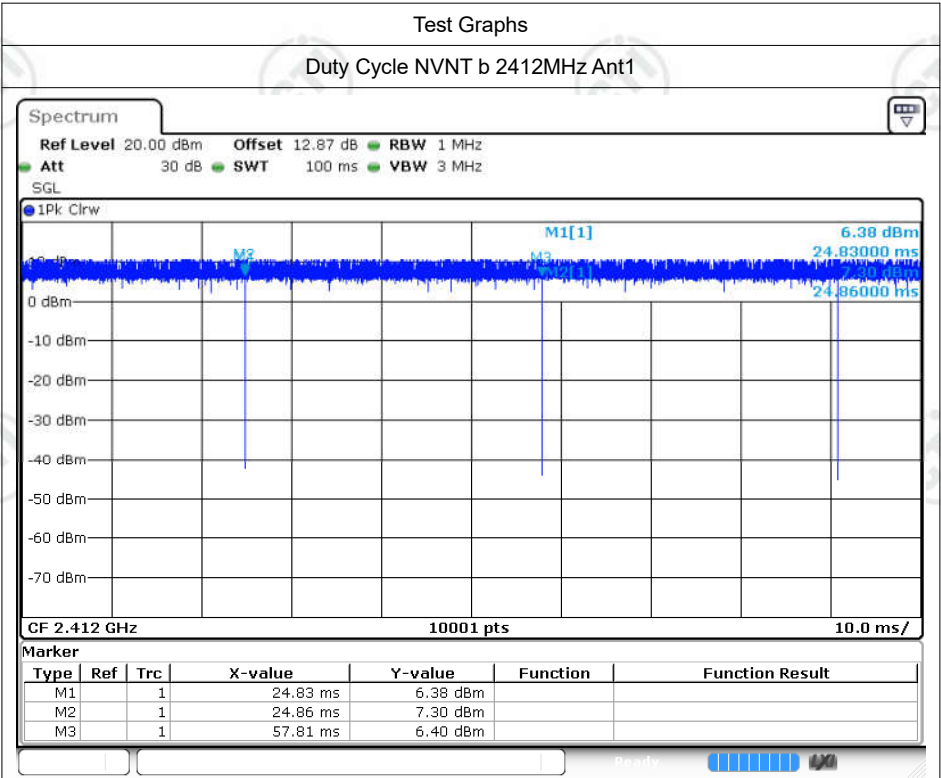
Maximum Power Spectral Density Level 25

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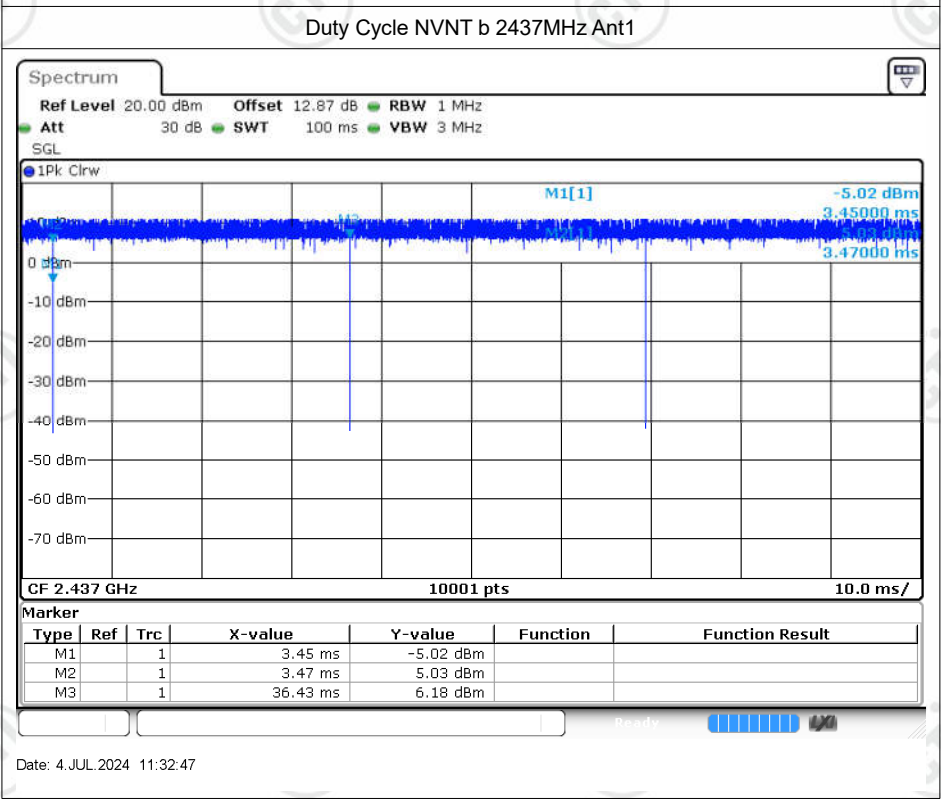
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Duty Cycle

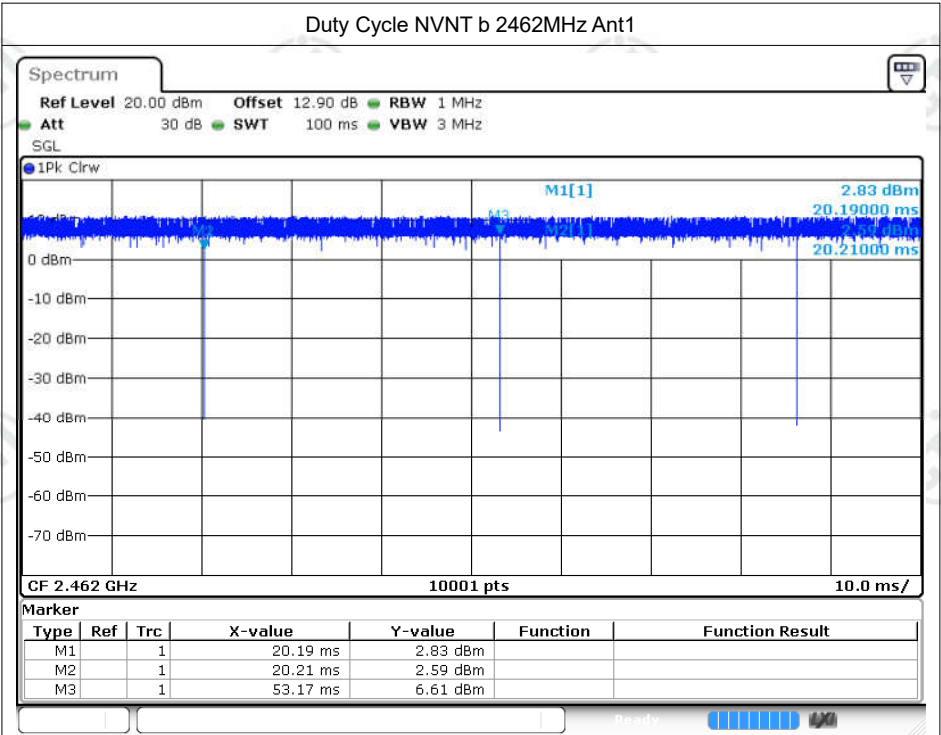
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.91	0	0.03
NVNT	b	2437	Ant1	99.94	0	0.03
NVNT	b	2462	Ant1	99.94	0	0.03
NVNT	g	2412	Ant1	99.64	0	0.18
NVNT	g	2437	Ant1	99.46	0	0.18
NVNT	g	2462	Ant1	99.46	0	0.18
NVNT	n20	2412	Ant1	99.41	0	0.2
NVNT	n20	2437	Ant1	99.41	0	0.2
NVNT	n20	2462	Ant1	99.61	0	0.2
NVNT	n40	2422	Ant1	99.2	0	0.4
NVNT	n40	2437	Ant1	99.2	0	0.4
NVNT	n40	2452	Ant1	98.8	0	0.41



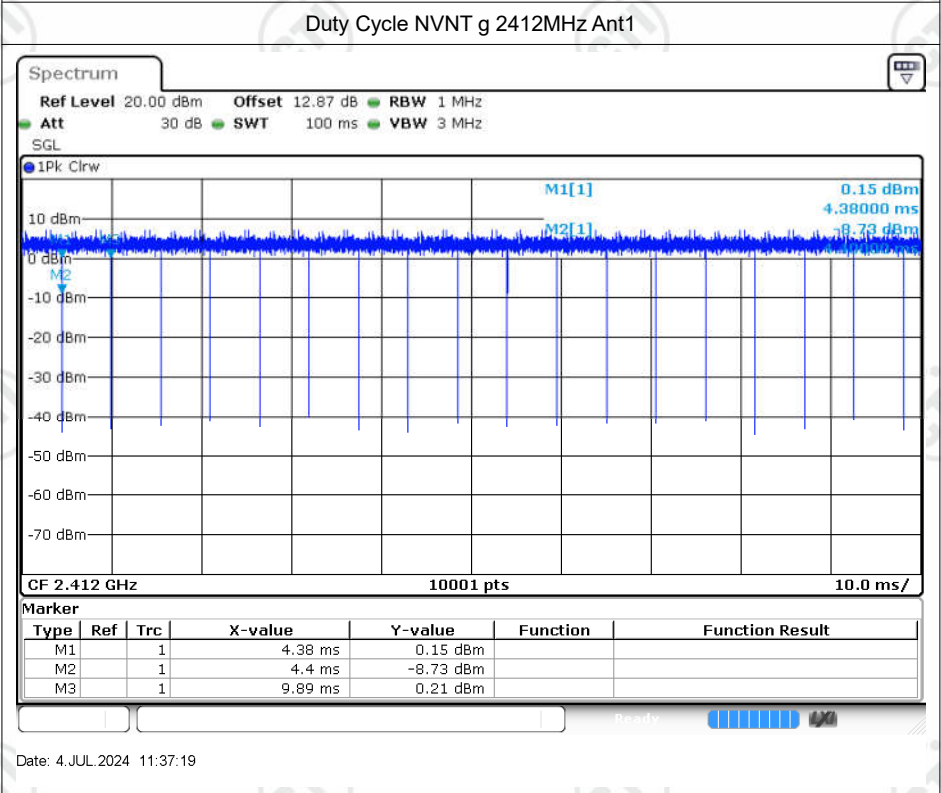
Date: 4 JUL 2024 11:30:29



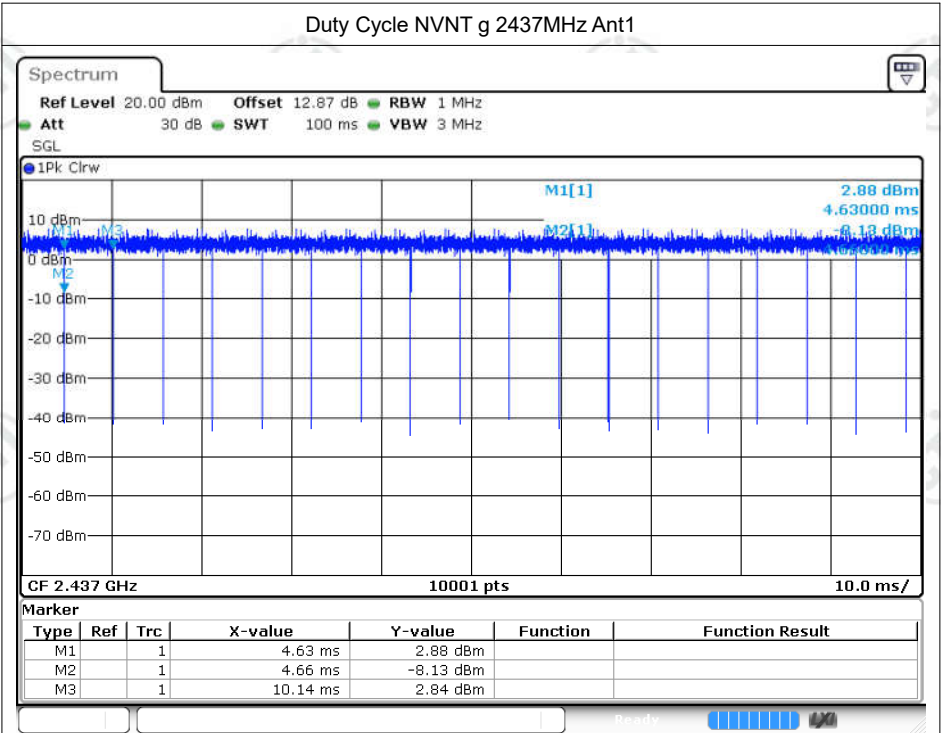
Date: 4 JUL 2024 11:32:47



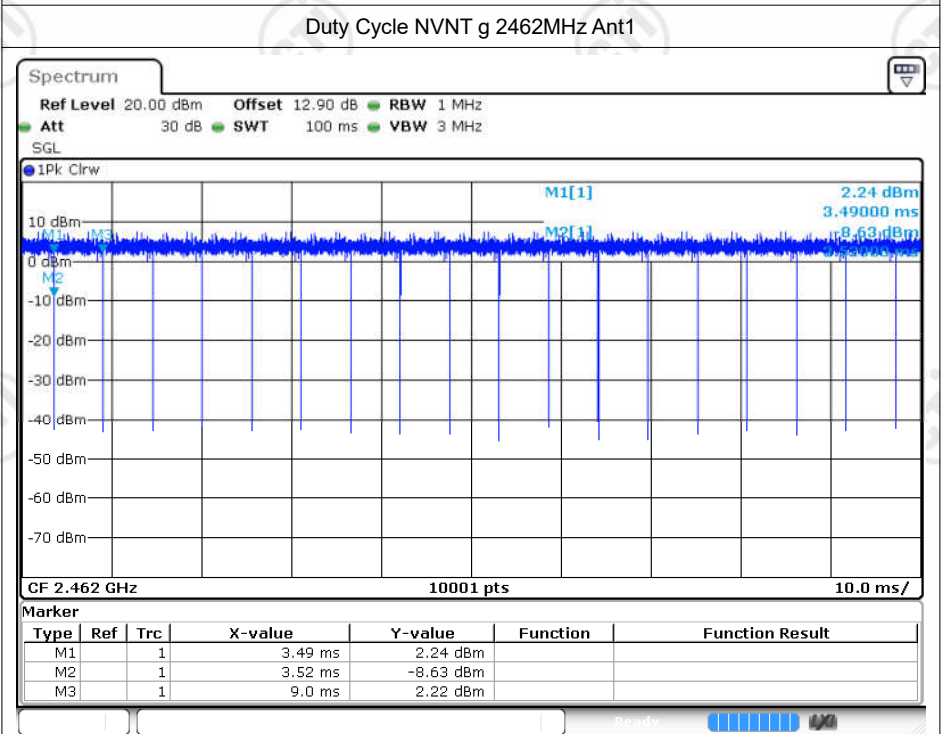
Date: 4 JUL 2024 11:34:58



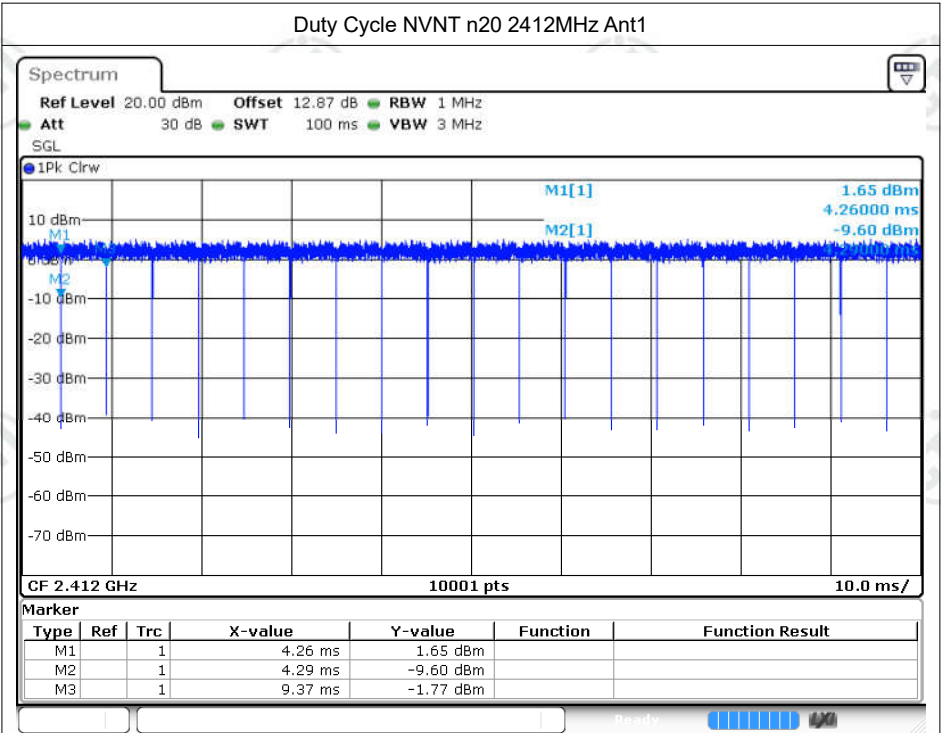
Date: 4 JUL 2024 11:37:19



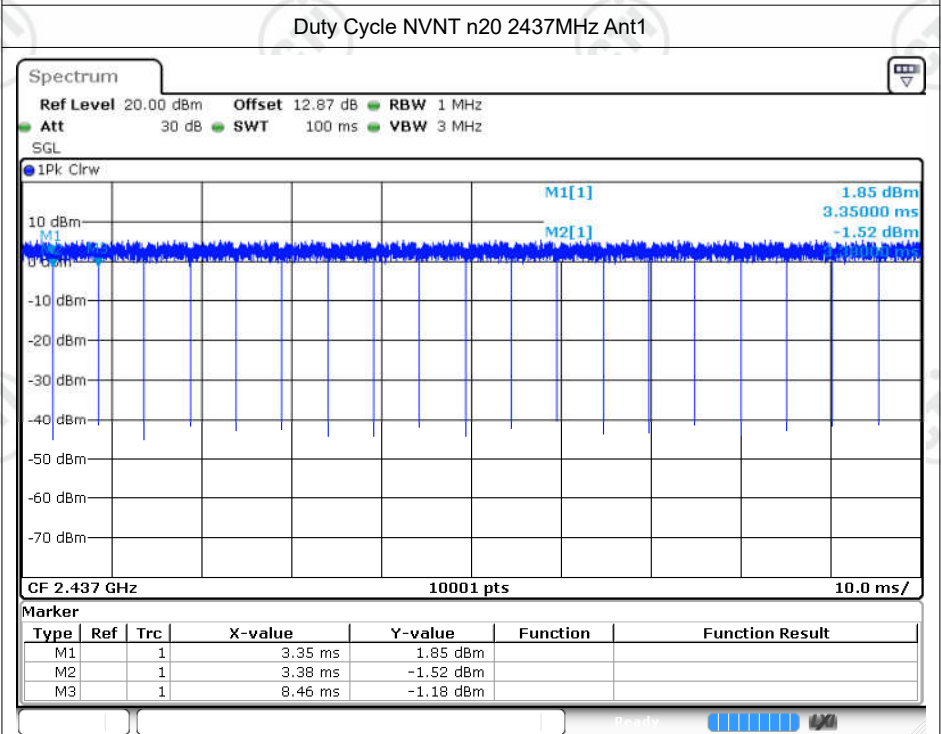
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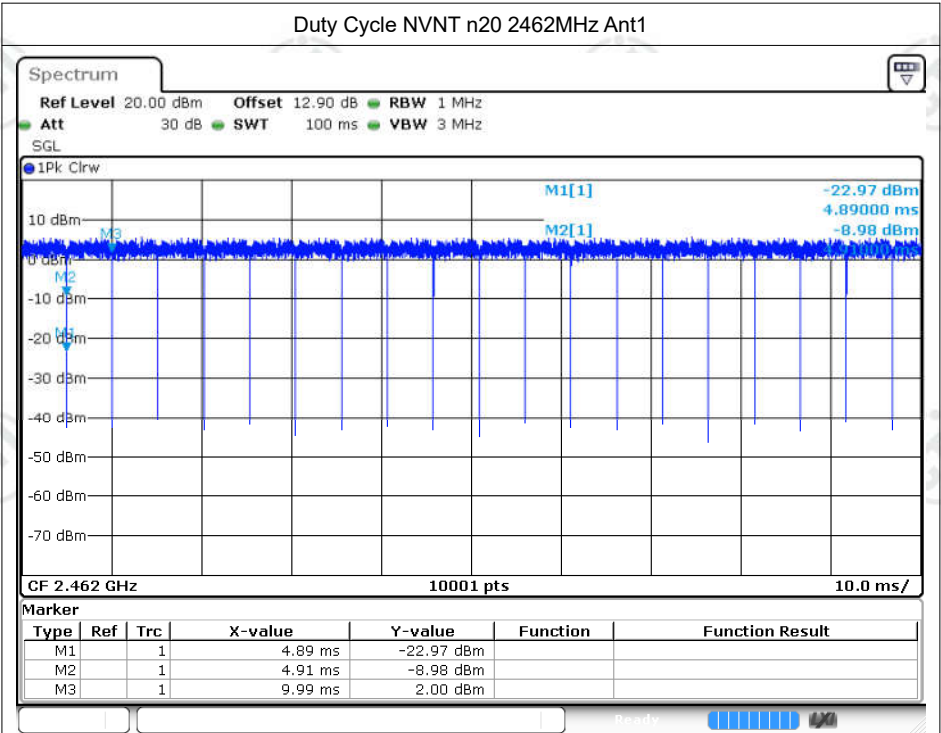
Date: 4.JUL.2024 11:41:10



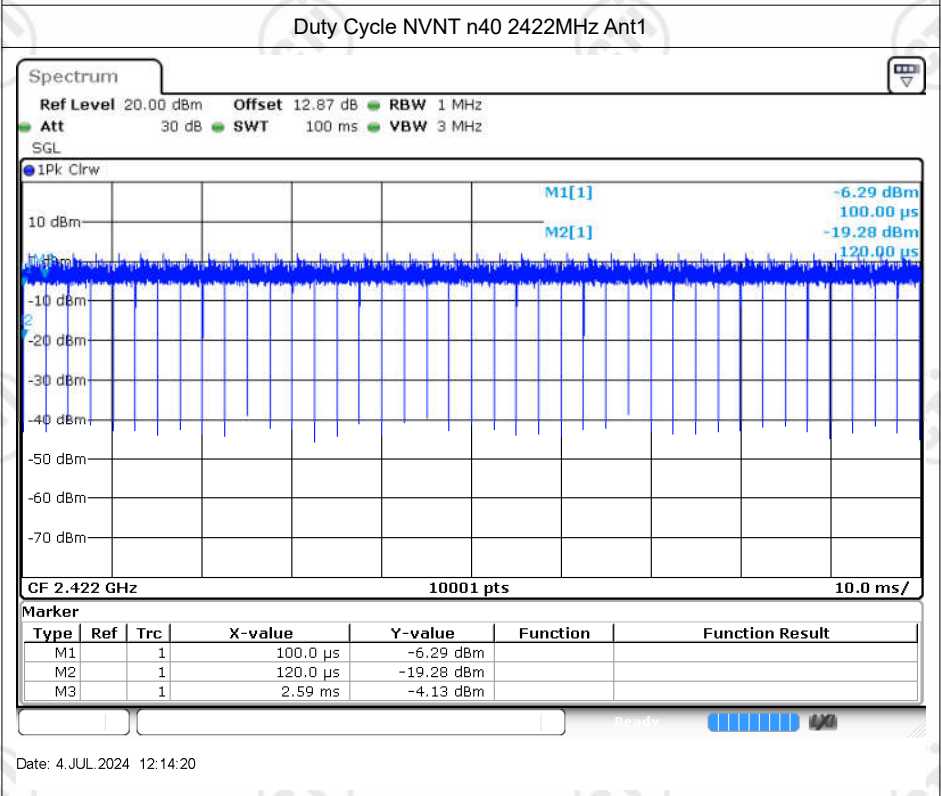
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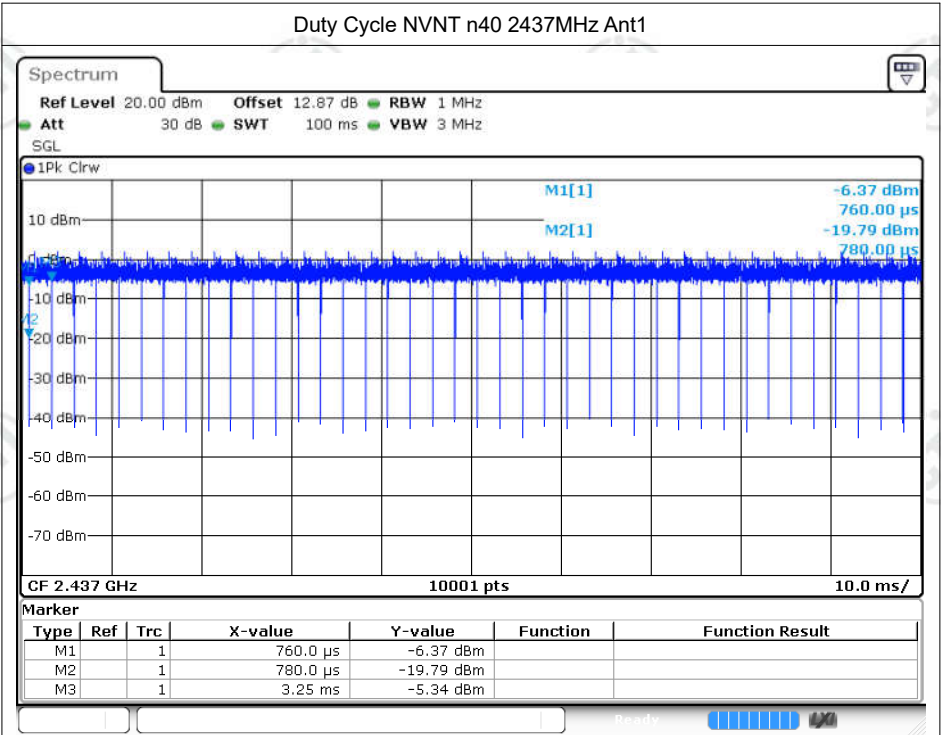
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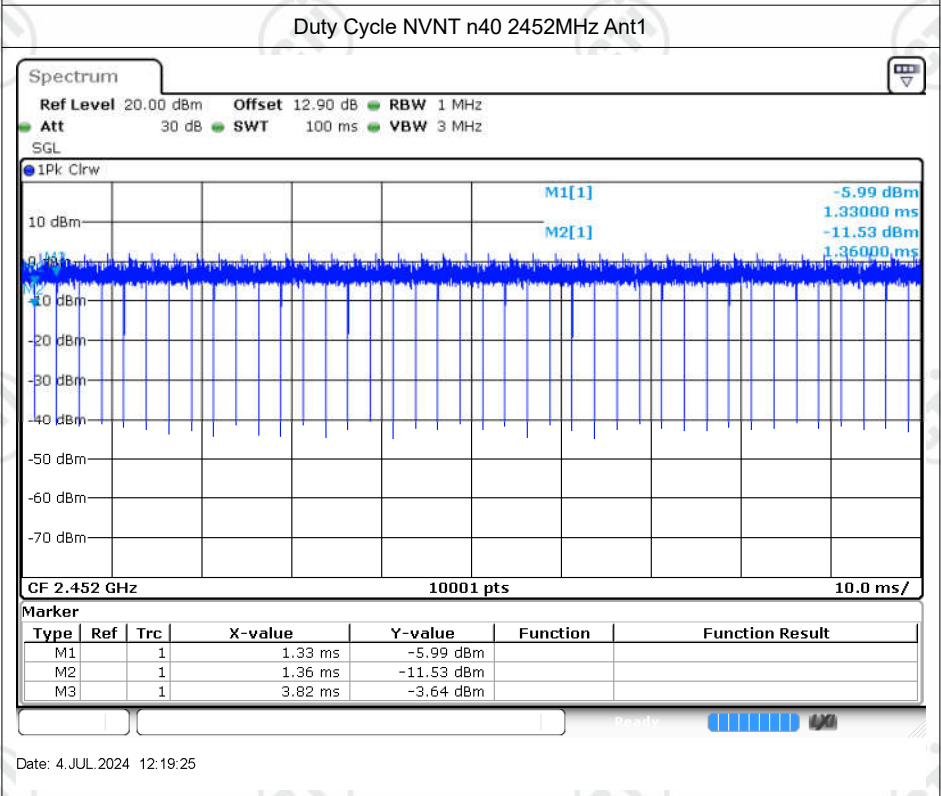
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Date: 4.JUL.2024 12:14:20



Date: 4.JUL.2024 12:17:26



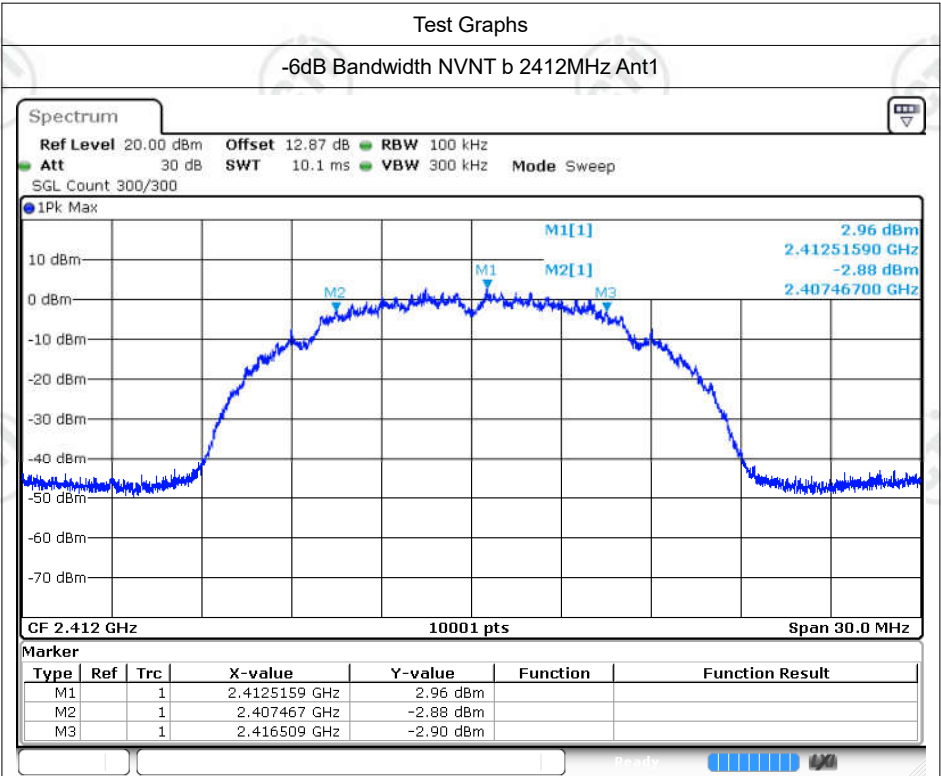
Date: 4.JUL.2024 12:19:25

Maximum Peak Conducted Output Power

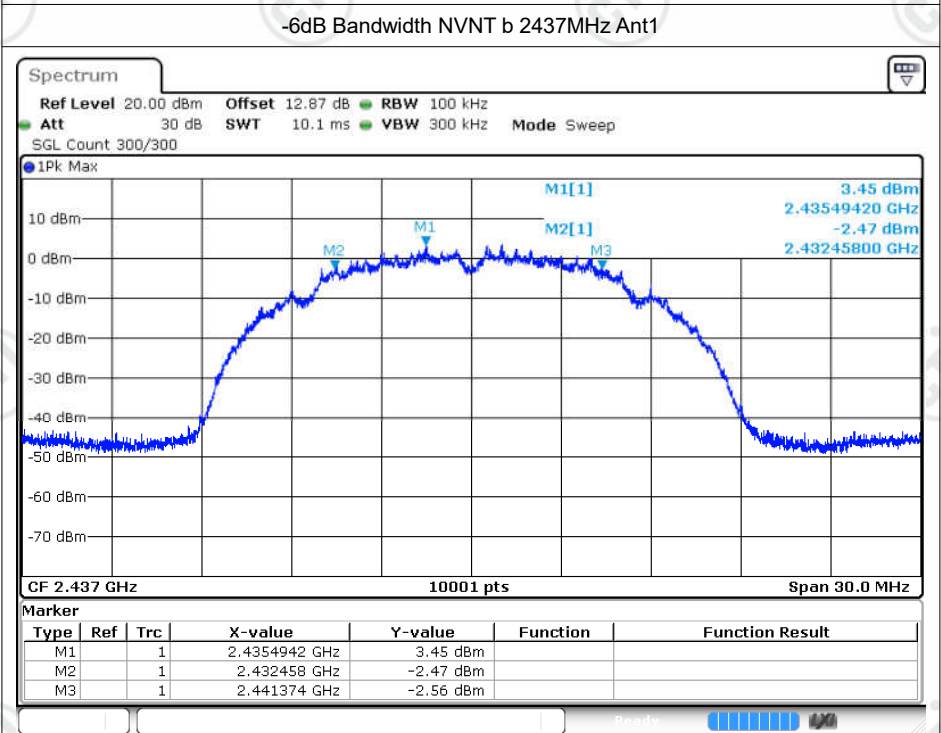
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	13.03	30	Pass
NVNT	b	2437	Ant1	13.53	30	Pass
NVNT	b	2462	Ant1	13.01	30	Pass
NVNT	g	2412	Ant1	12.47	30	Pass
NVNT	g	2437	Ant1	12.75	30	Pass
NVNT	g	2462	Ant1	12.38	30	Pass
NVNT	n20	2412	Ant1	11.04	30	Pass
NVNT	n20	2437	Ant1	11.47	30	Pass
NVNT	n20	2462	Ant1	11.33	30	Pass
NVNT	n40	2422	Ant1	11.31	30	Pass
NVNT	n40	2437	Ant1	11.32	30	Pass
NVNT	n40	2452	Ant1	11.07	30	Pass

-6dB Bandwidth

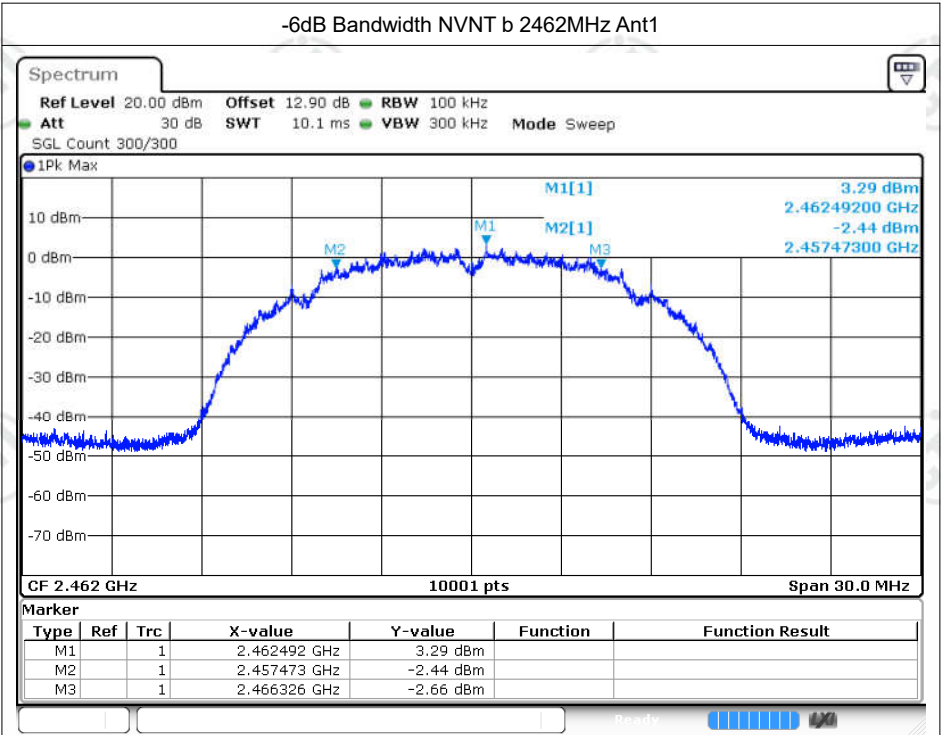
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.042	0.5	Pass
NVNT	b	2437	Ant1	8.916	0.5	Pass
NVNT	b	2462	Ant1	8.853	0.5	Pass
NVNT	g	2412	Ant1	16.302	0.5	Pass
NVNT	g	2437	Ant1	16.278	0.5	Pass
NVNT	g	2462	Ant1	16.299	0.5	Pass
NVNT	n20	2412	Ant1	16.29	0.5	Pass
NVNT	n20	2437	Ant1	16.287	0.5	Pass
NVNT	n20	2462	Ant1	16.266	0.5	Pass
NVNT	n40	2422	Ant1	35.082	0.5	Pass
NVNT	n40	2437	Ant1	33.162	0.5	Pass
NVNT	n40	2452	Ant1	32.718	0.5	Pass



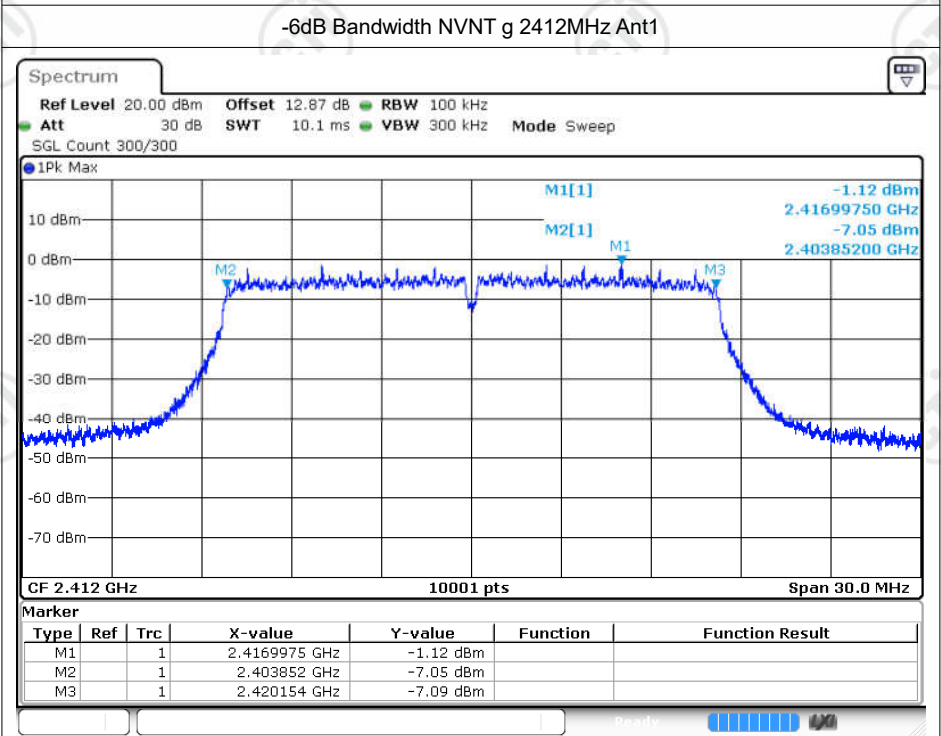
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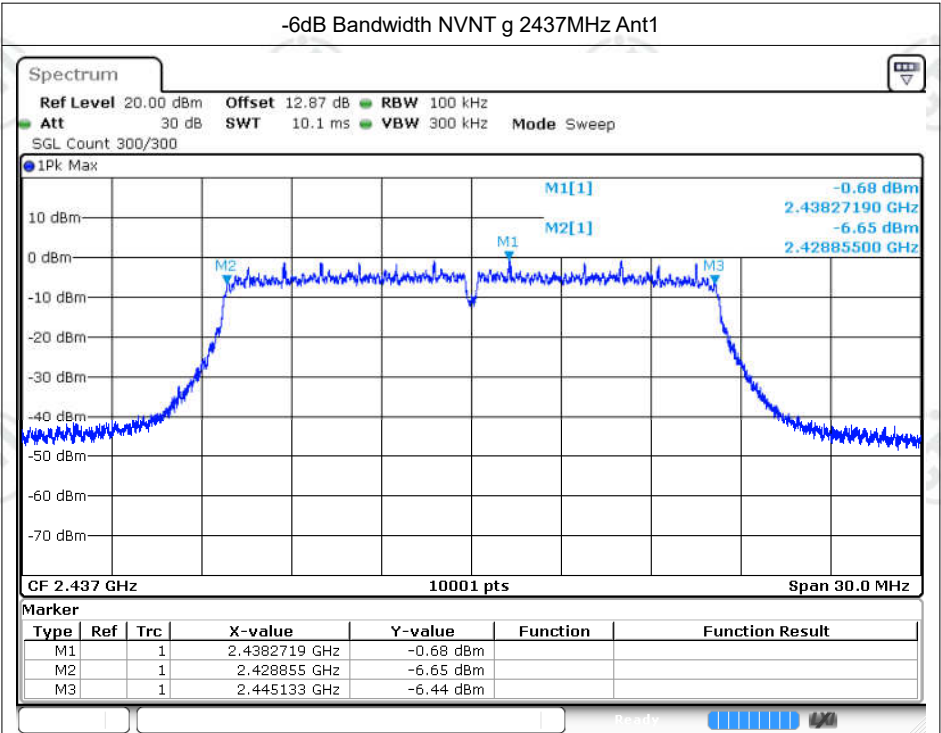
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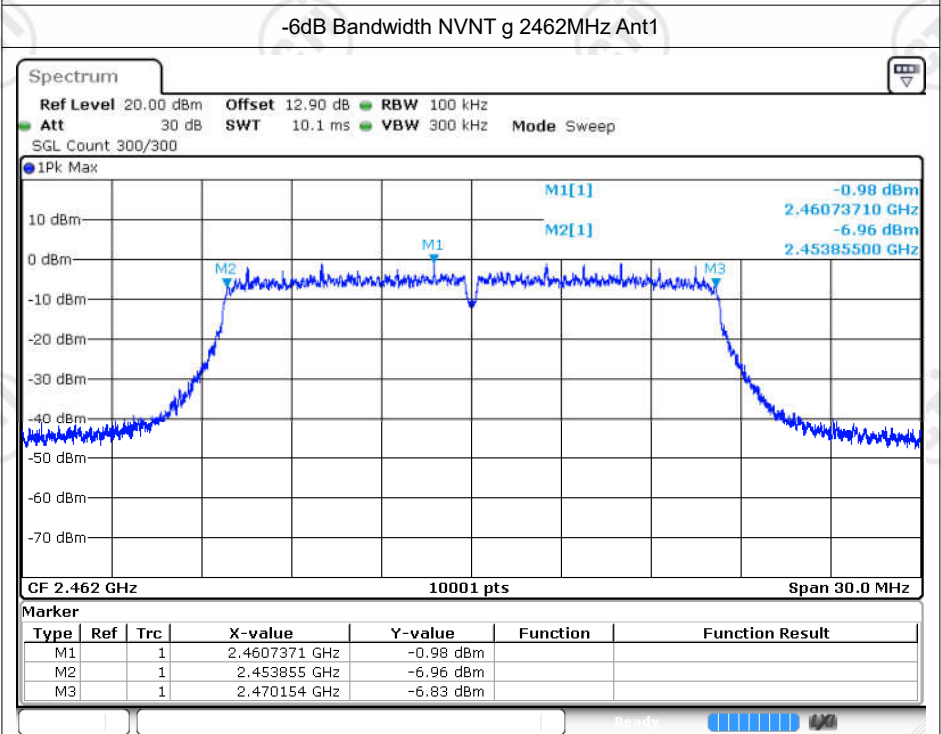
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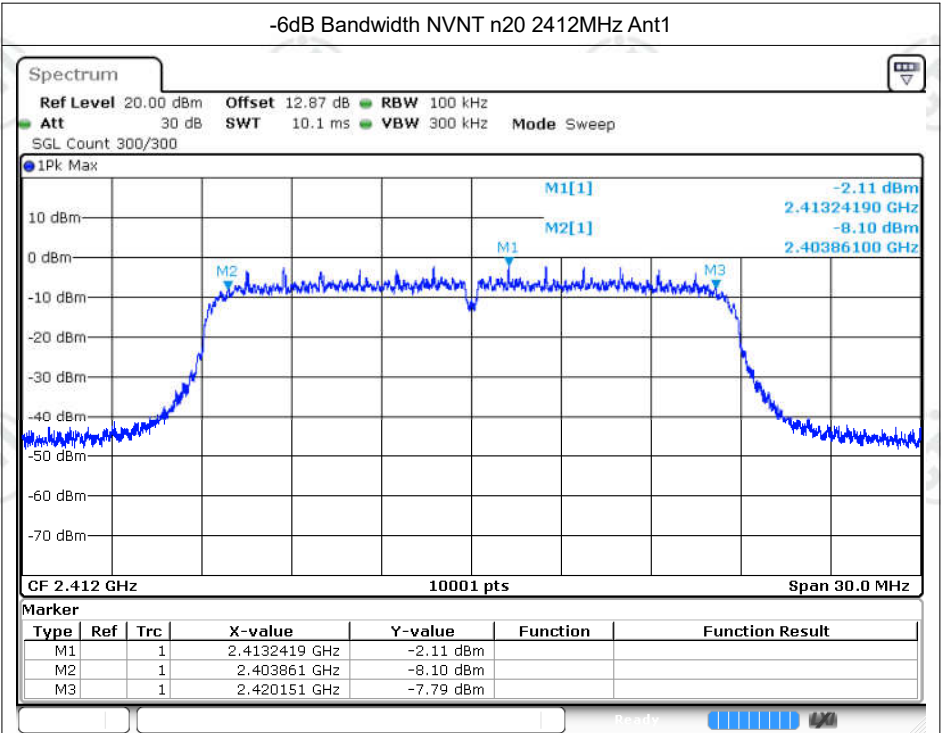
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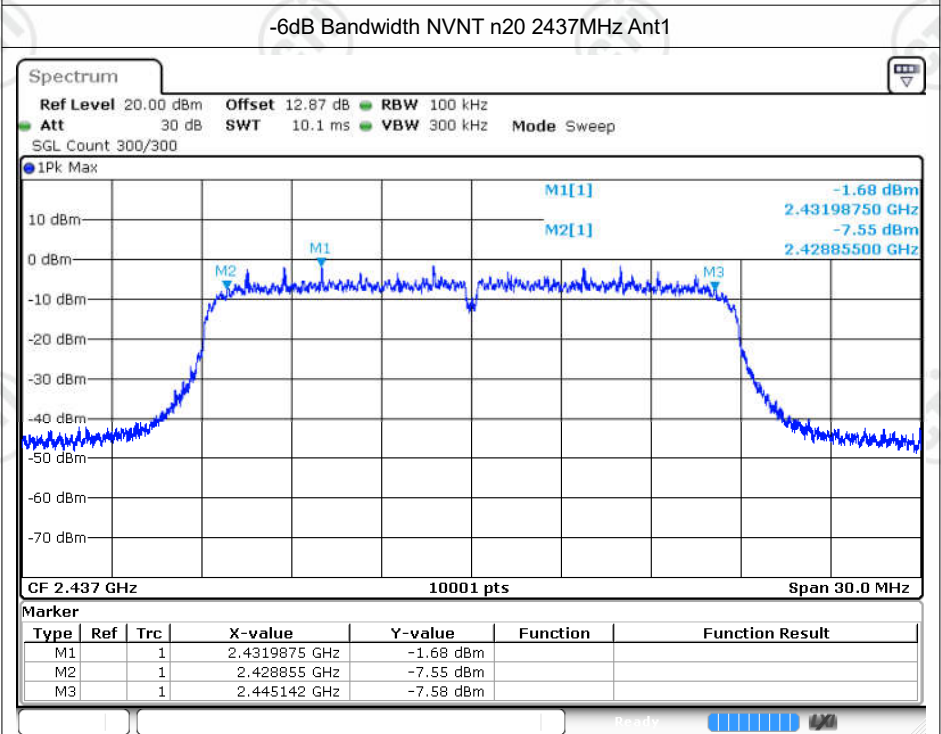
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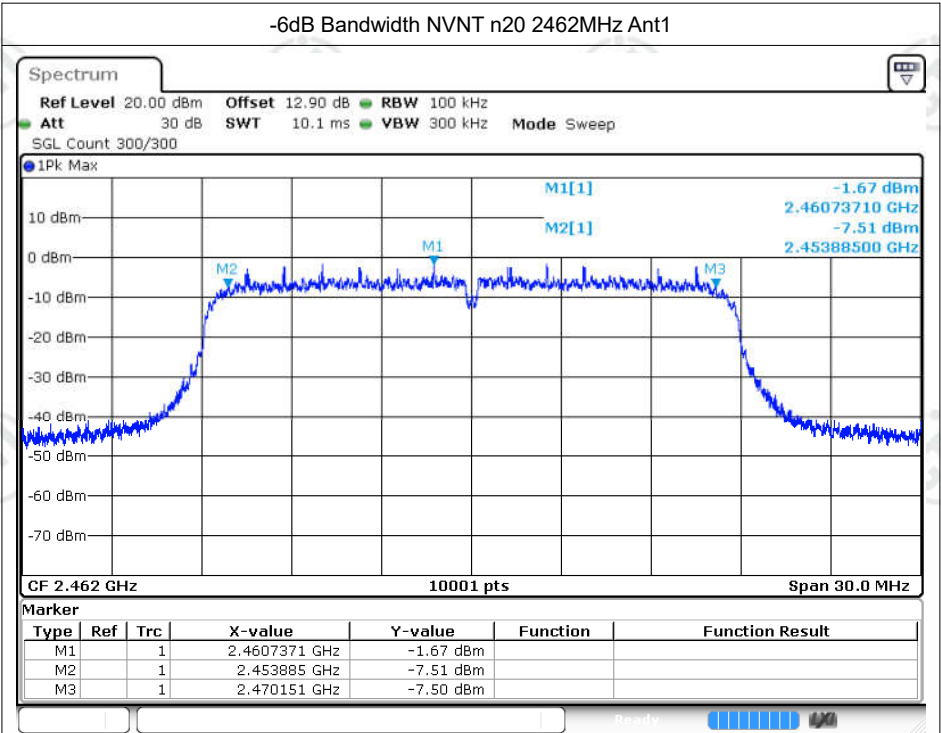
Date: 4 JUL 2024 11:41:34



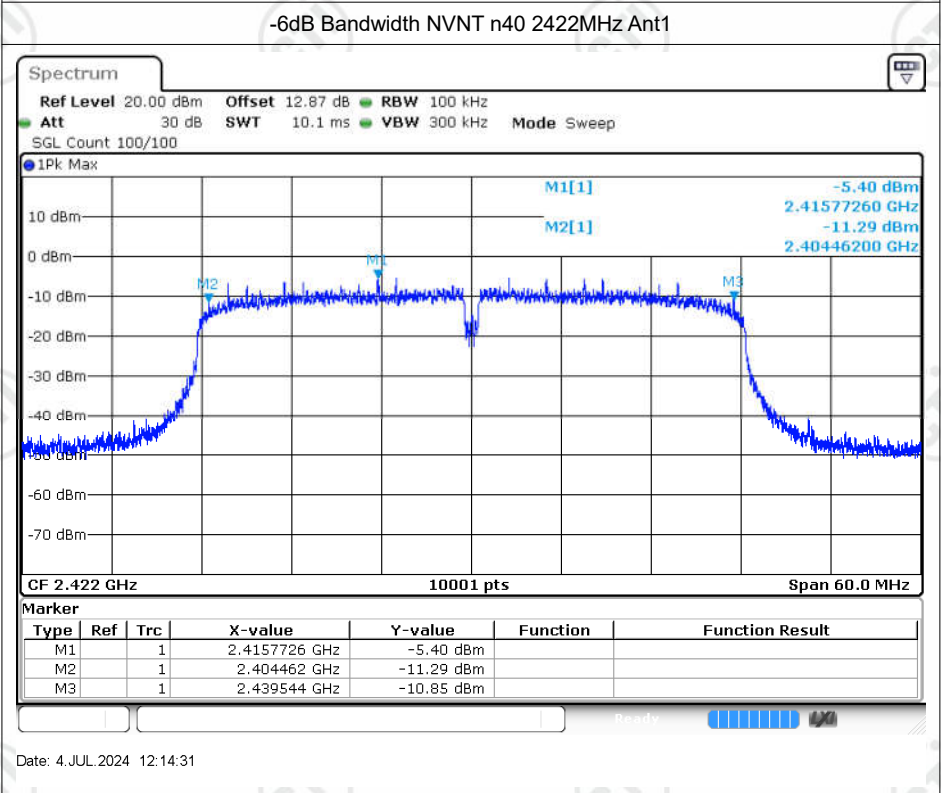
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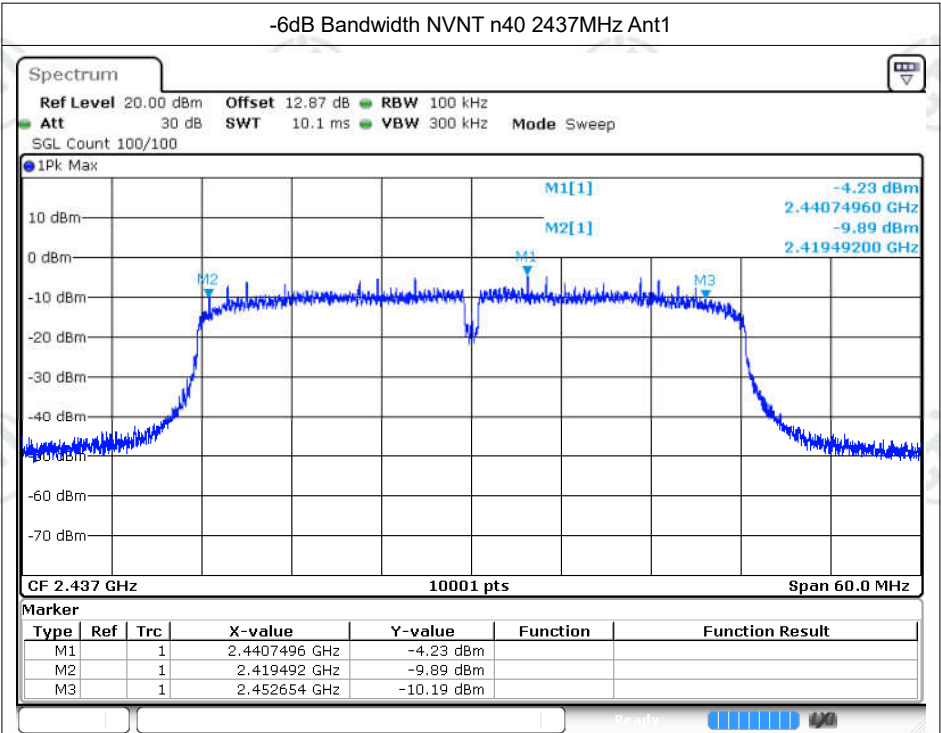
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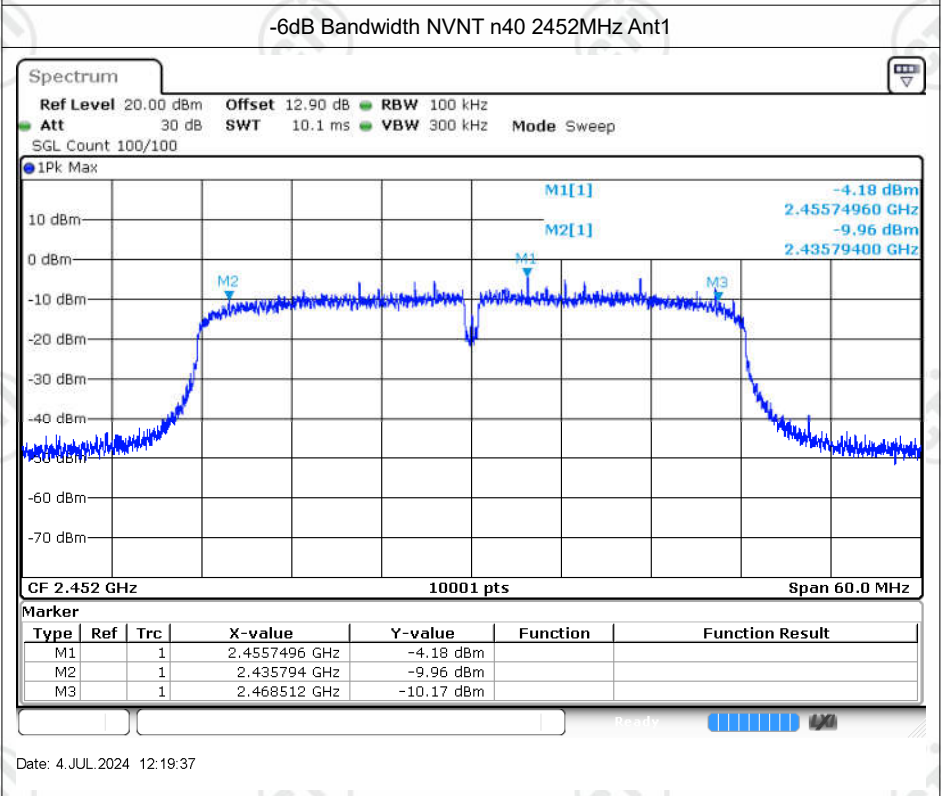
Date: 4 JUL 2024 12:12:15



Date: 4 JUL 2024 12:14:31



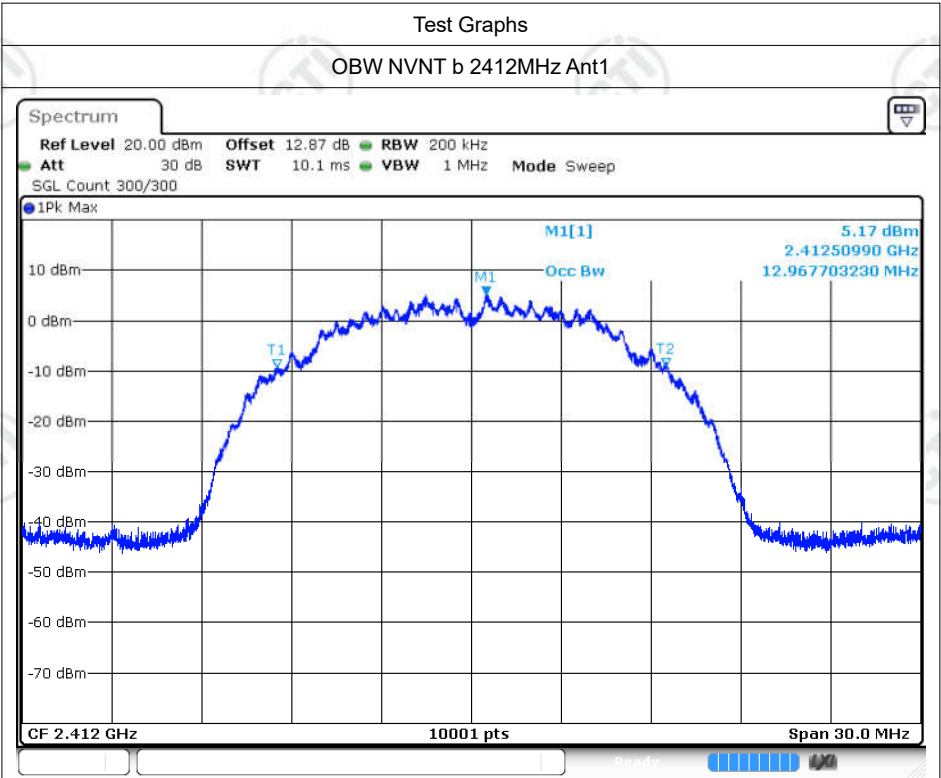
Date: 4 JUL 2024 12:17:37



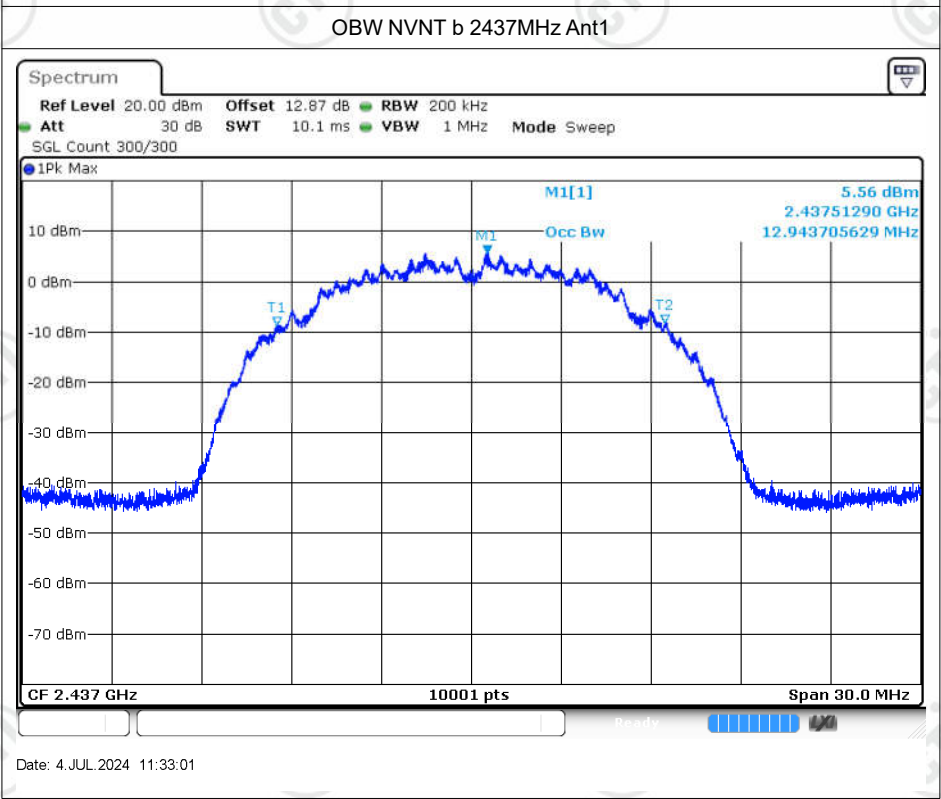
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Occupied Channel Bandwidth

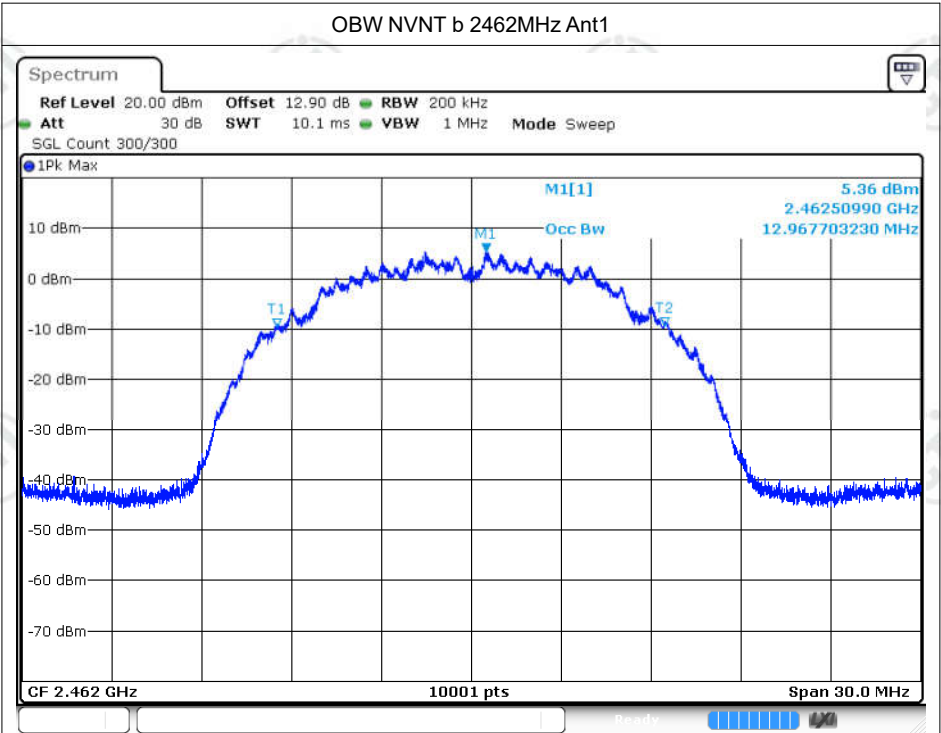
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.968
NVNT	b	2437	Ant1	12.944
NVNT	b	2462	Ant1	12.968
NVNT	g	2412	Ant1	16.327
NVNT	g	2437	Ant1	16.324
NVNT	g	2462	Ant1	16.327
NVNT	n20	2412	Ant1	17.185
NVNT	n20	2437	Ant1	17.188
NVNT	n20	2462	Ant1	17.185
NVNT	n40	2422	Ant1	35.462
NVNT	n40	2437	Ant1	35.498
NVNT	n40	2452	Ant1	35.486



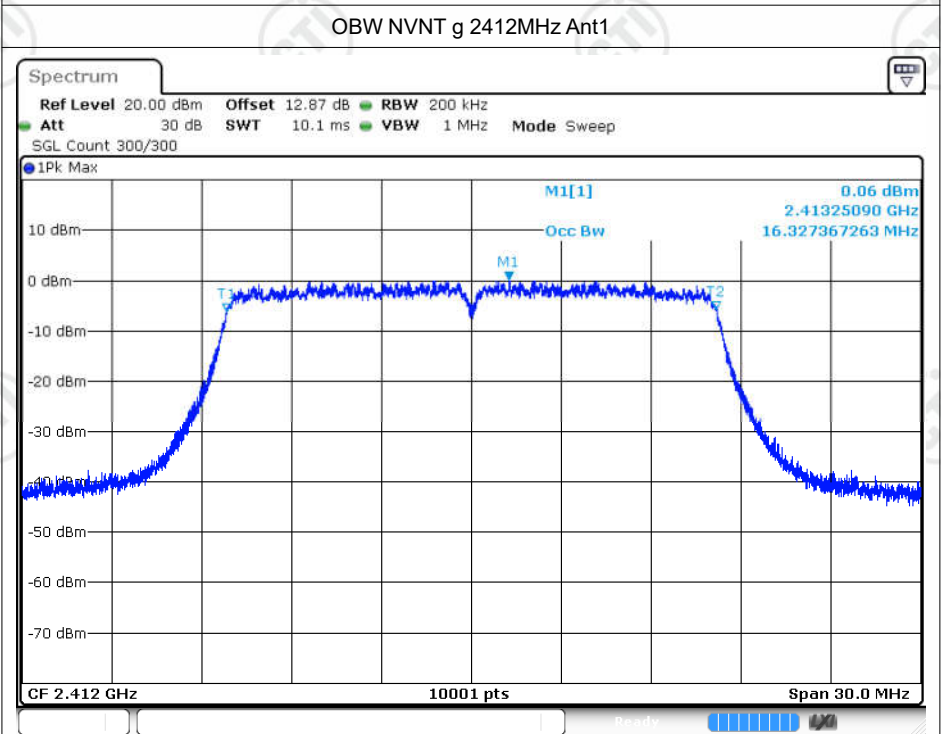
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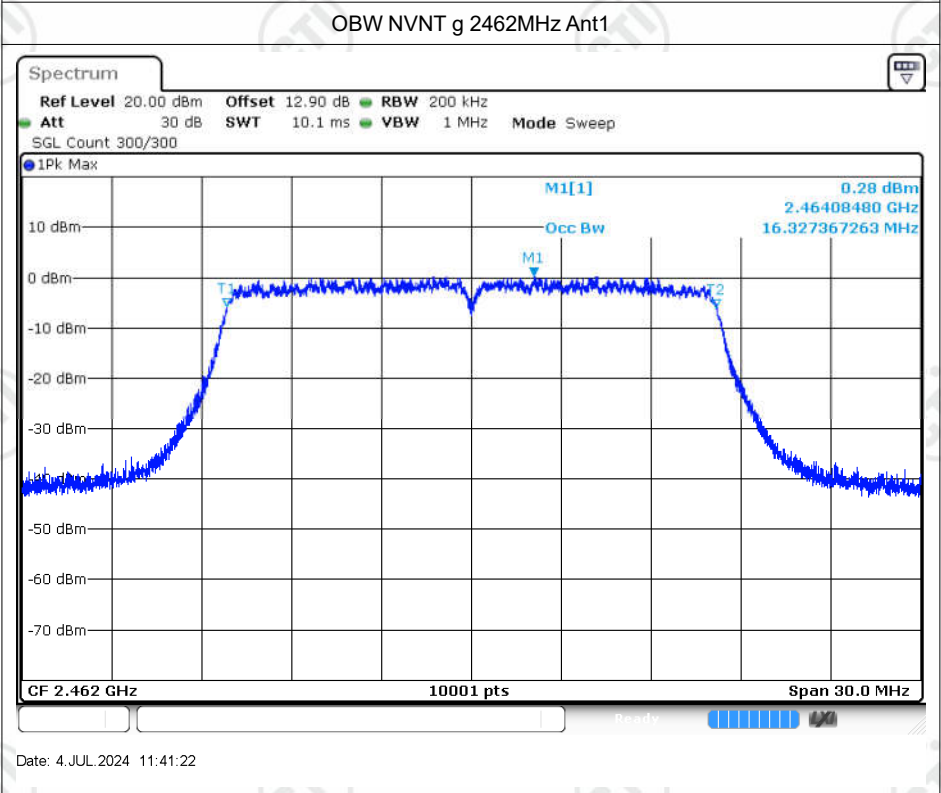
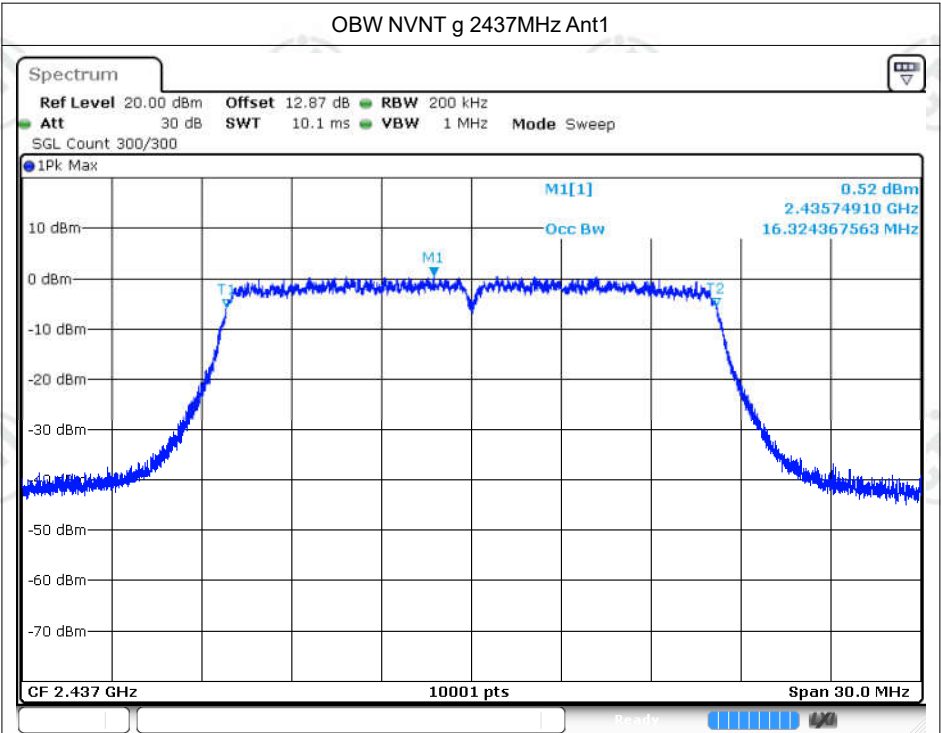
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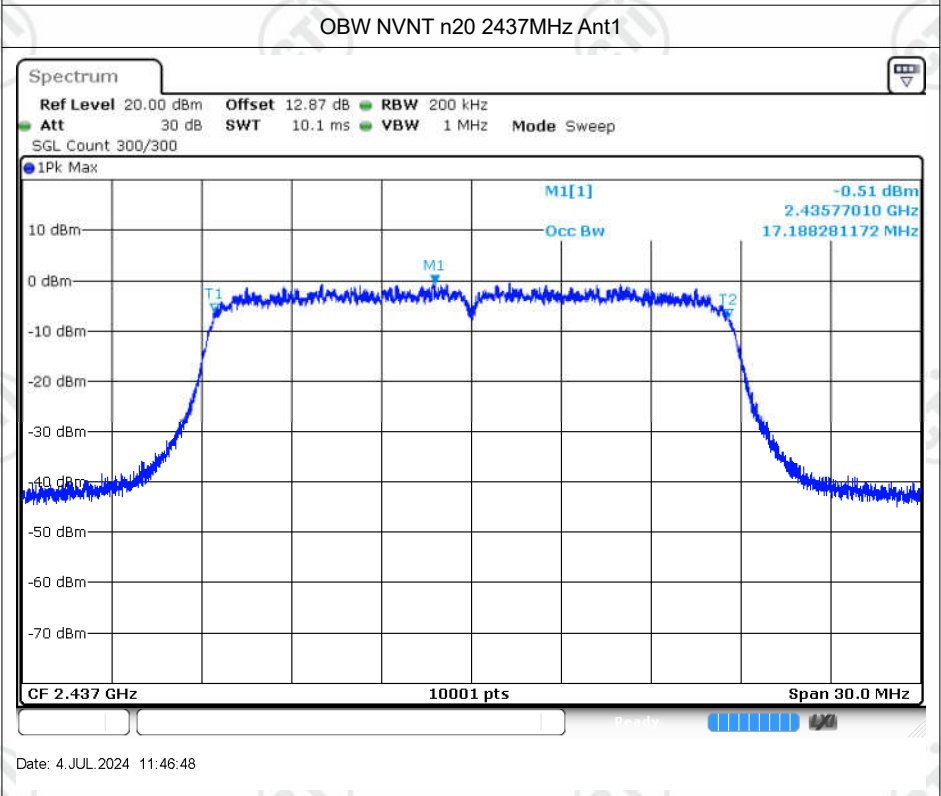
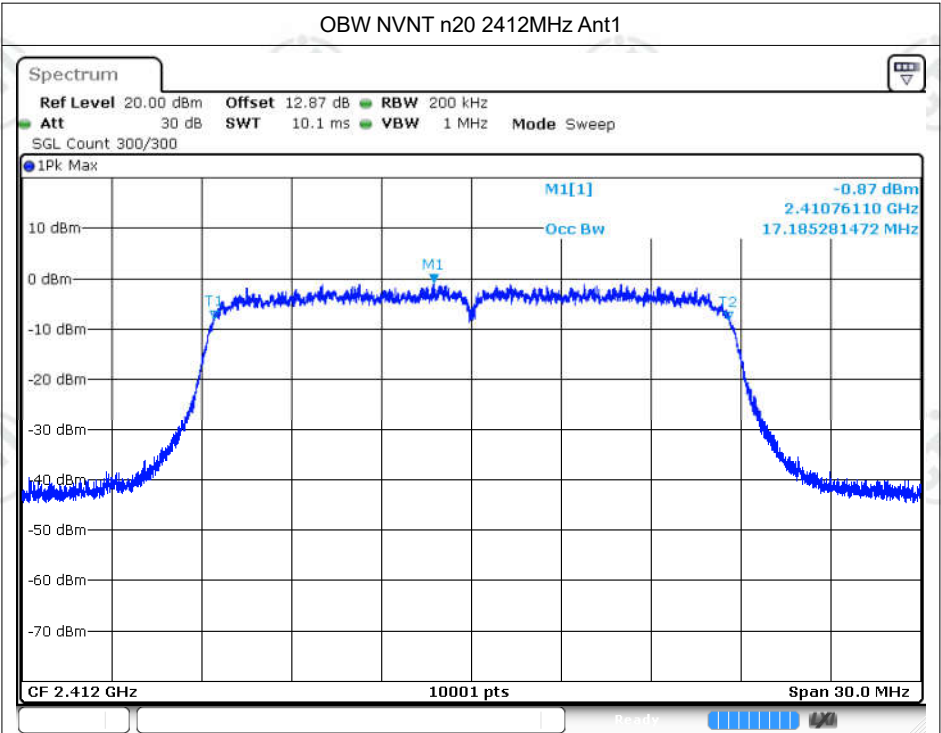


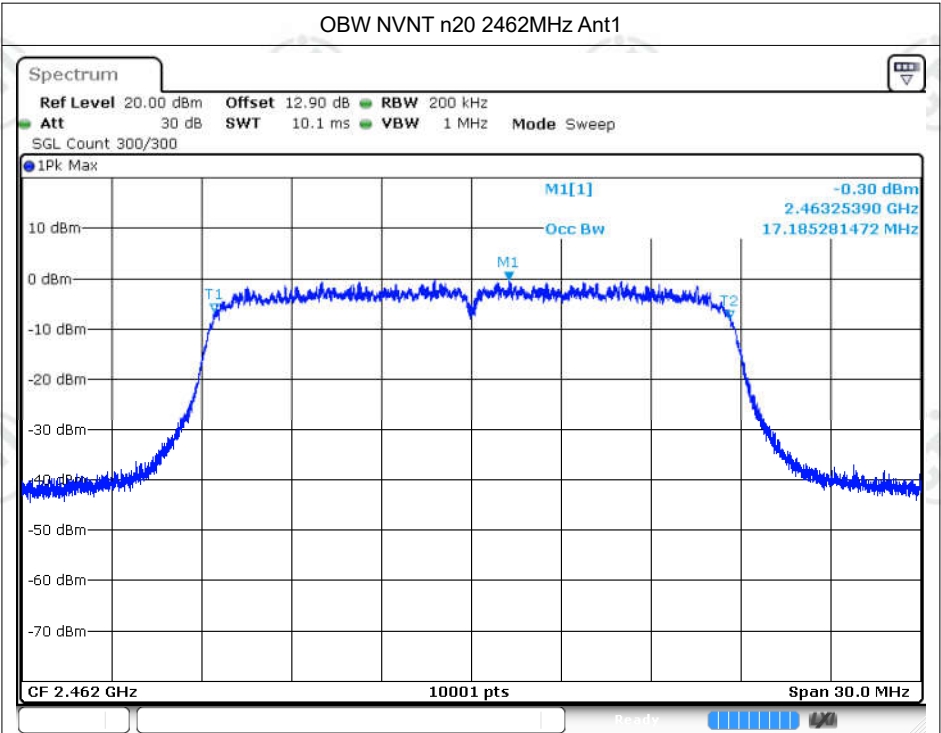
Date: 4 JUL 2024 11:35:16



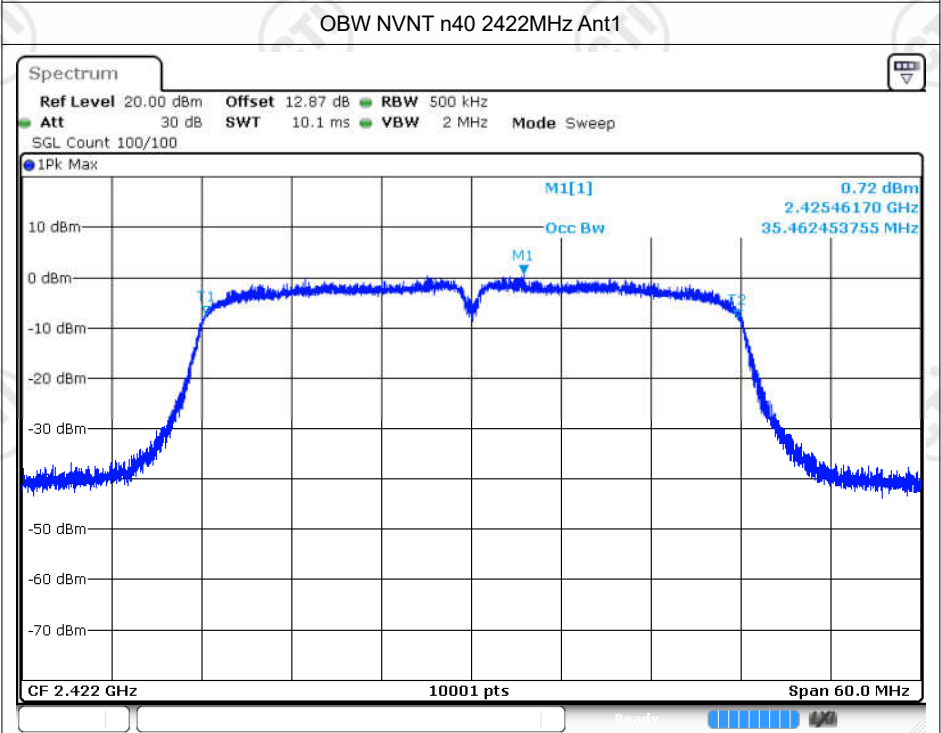
Date: 4 JUL 2024 11:37:30



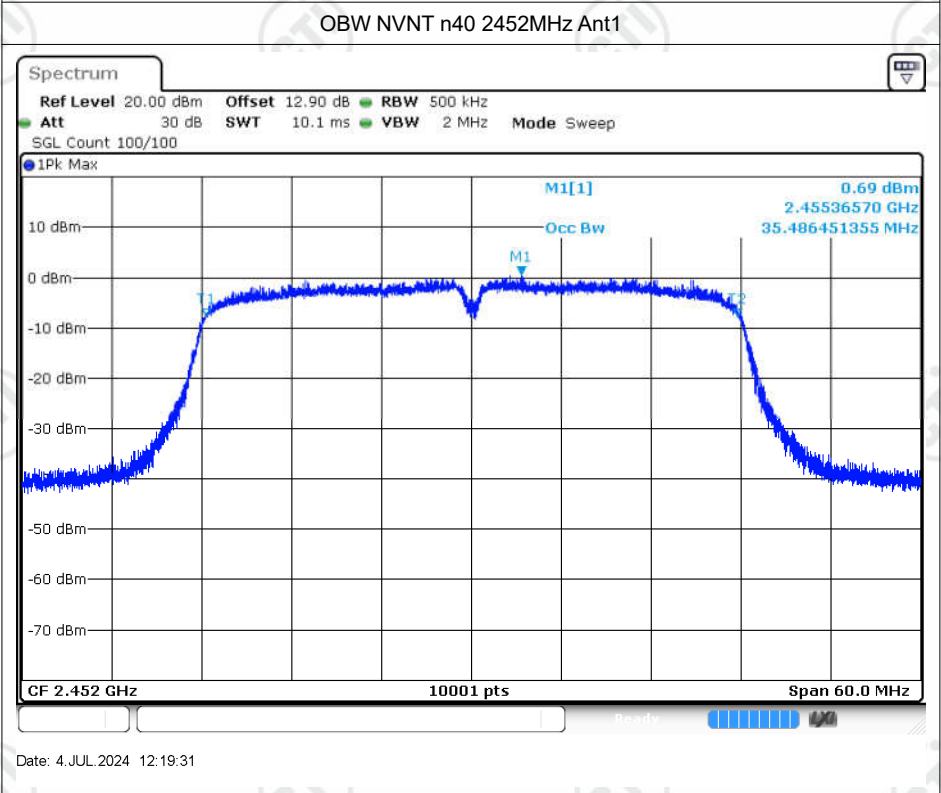
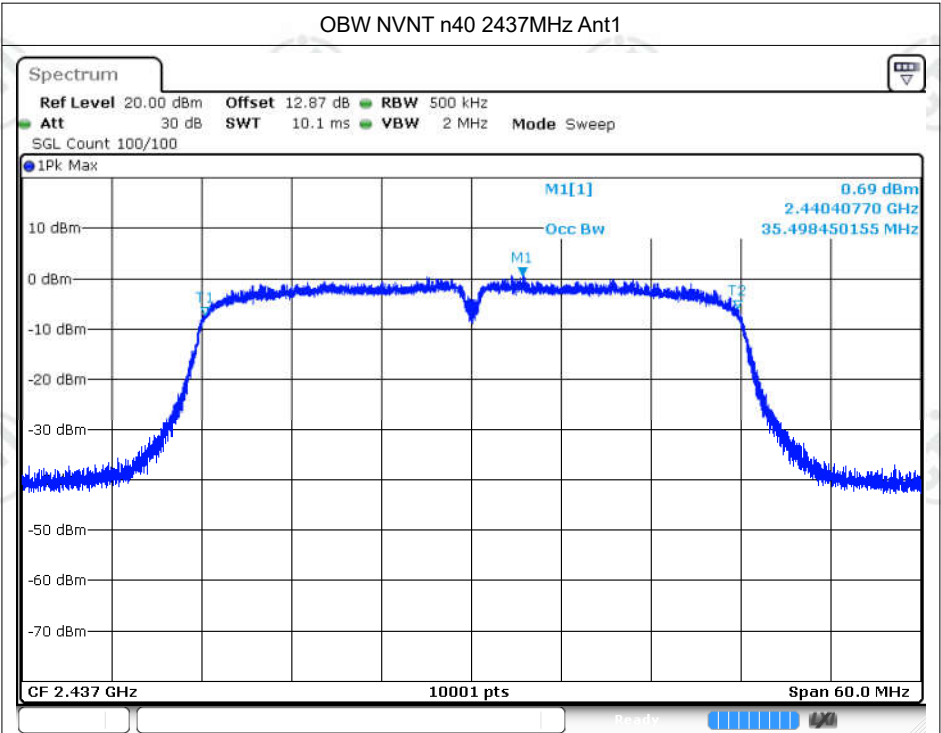




Date: 4.JUL.2024 12:12:02

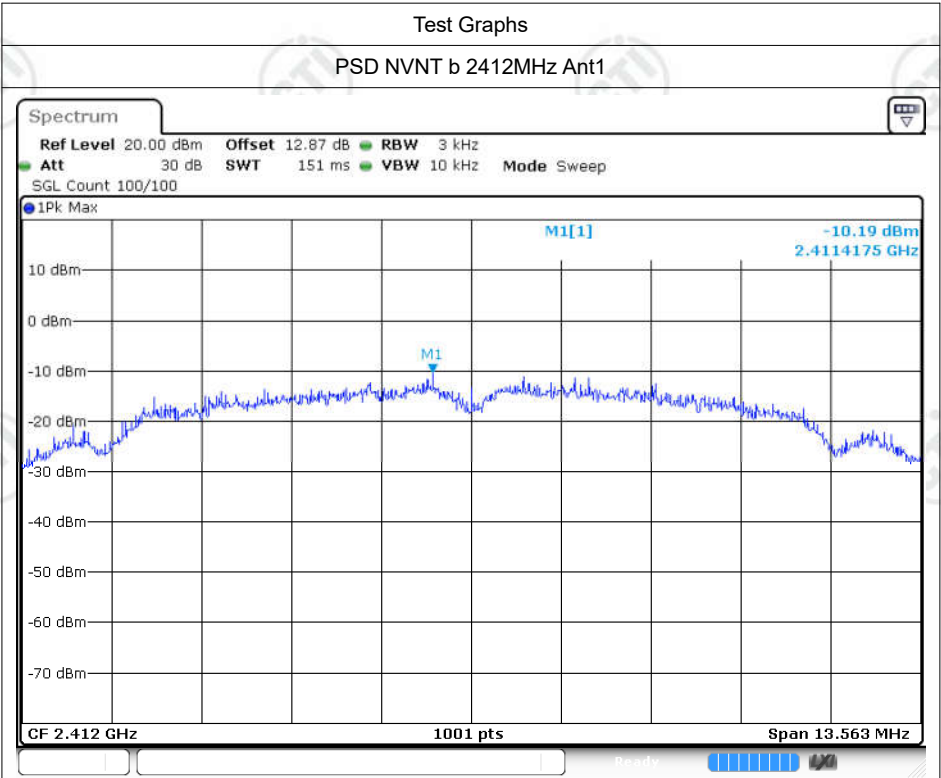


Date: 4.JUL.2024 12:14:25

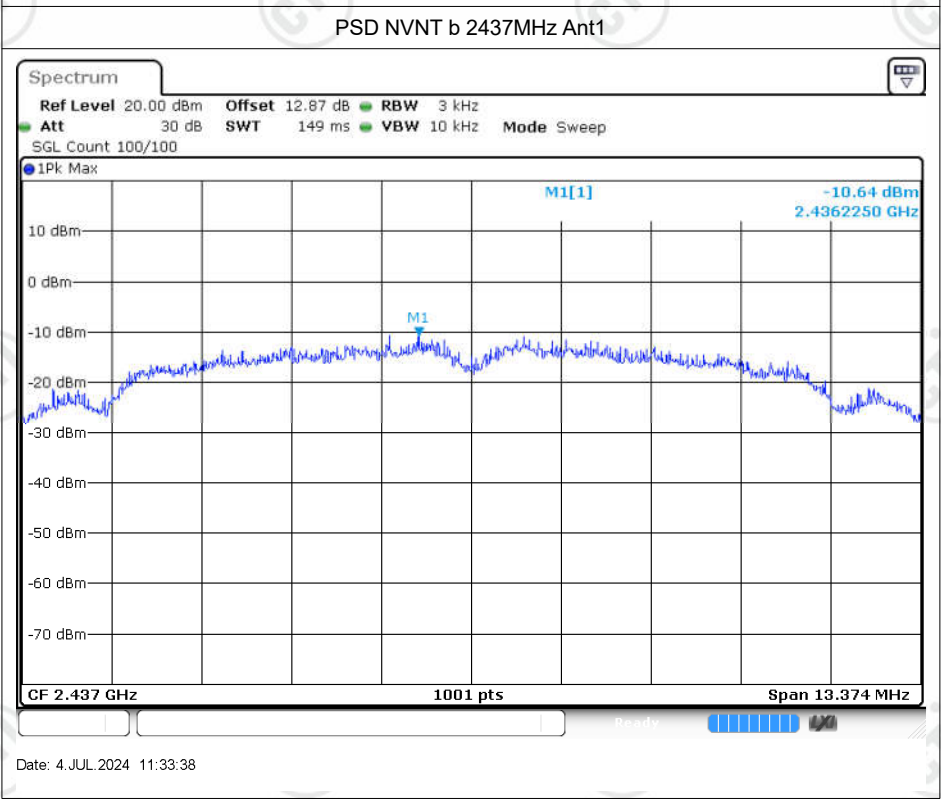


Maximum Power Spectral Density Level

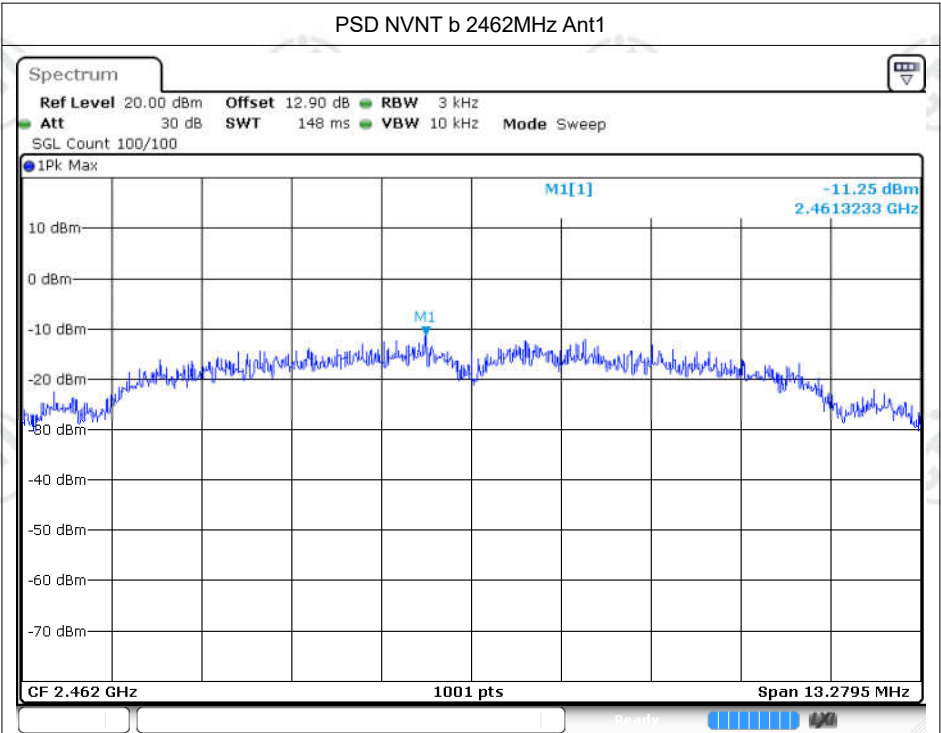
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-10.19	8	Pass
NVNT	b	2437	Ant1	-10.64	8	Pass
NVNT	b	2462	Ant1	-11.25	8	Pass
NVNT	g	2412	Ant1	-14.76	8	Pass
NVNT	g	2437	Ant1	-14.29	8	Pass
NVNT	g	2462	Ant1	-14.44	8	Pass
NVNT	n20	2412	Ant1	-15	8	Pass
NVNT	n20	2437	Ant1	-14.87	8	Pass
NVNT	n20	2462	Ant1	-14.61	8	Pass
NVNT	n40	2422	Ant1	-17.64	8	Pass
NVNT	n40	2437	Ant1	-17.62	8	Pass
NVNT	n40	2452	Ant1	-17.64	8	Pass



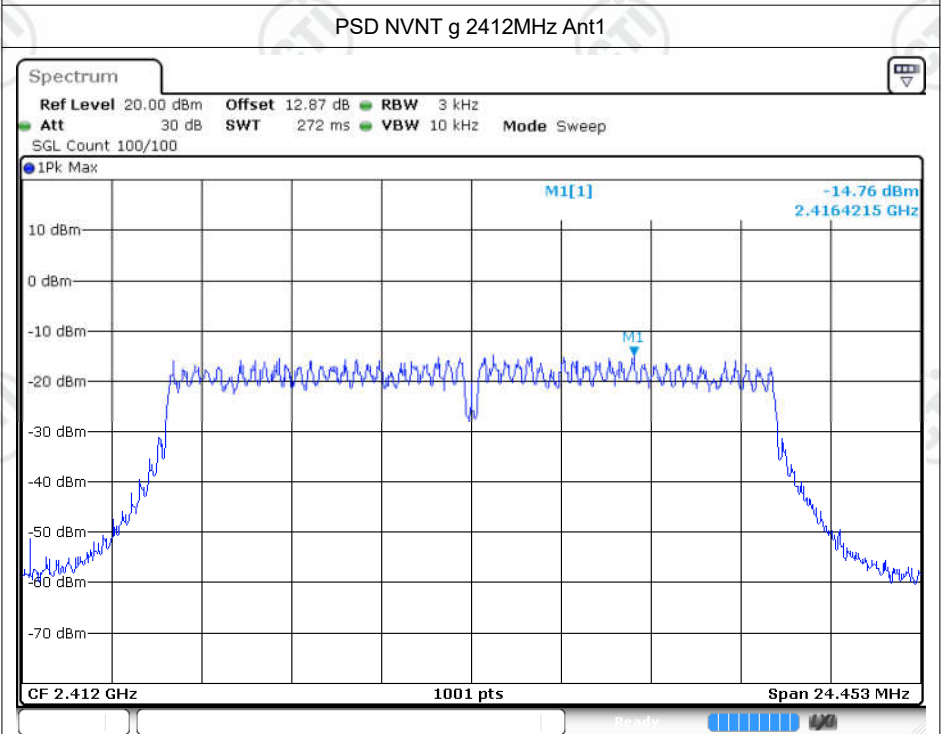
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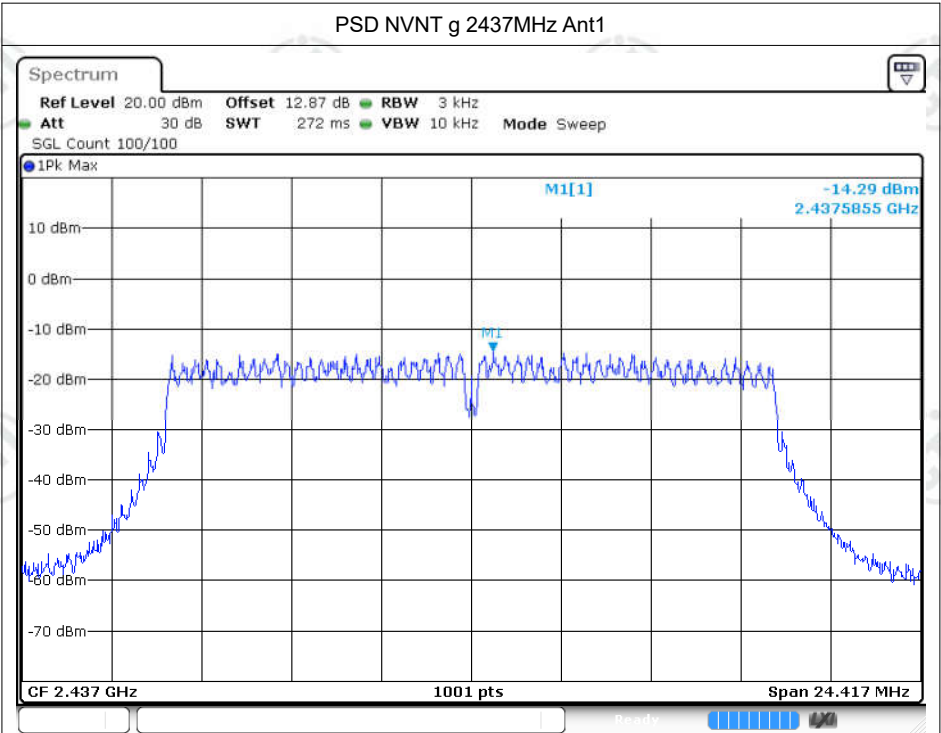
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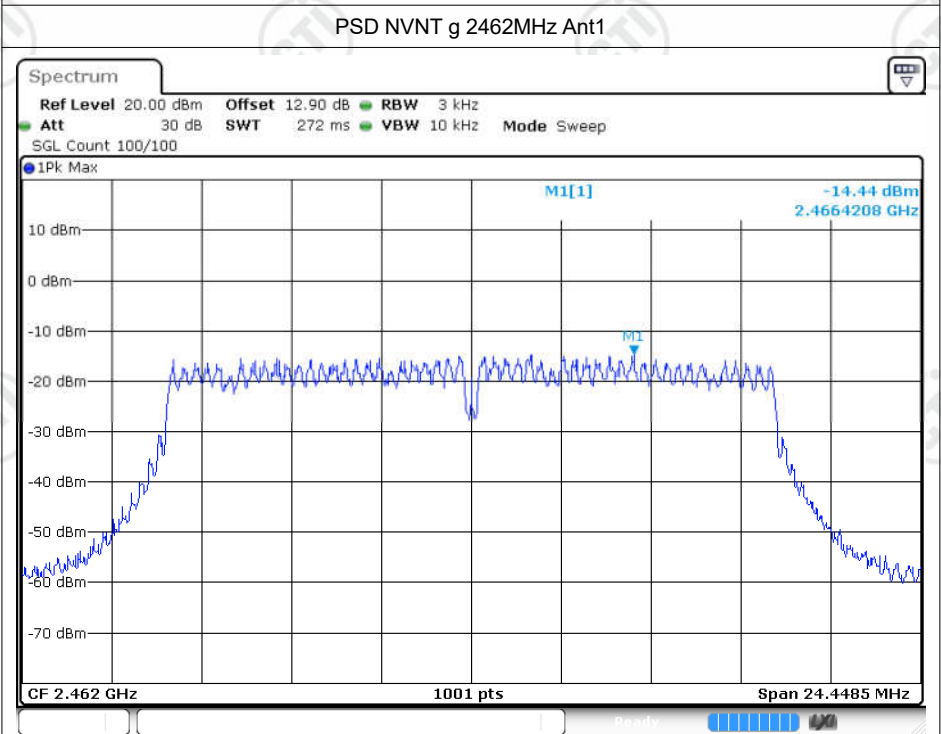
Date: 4 JUL 2024 11:35:59



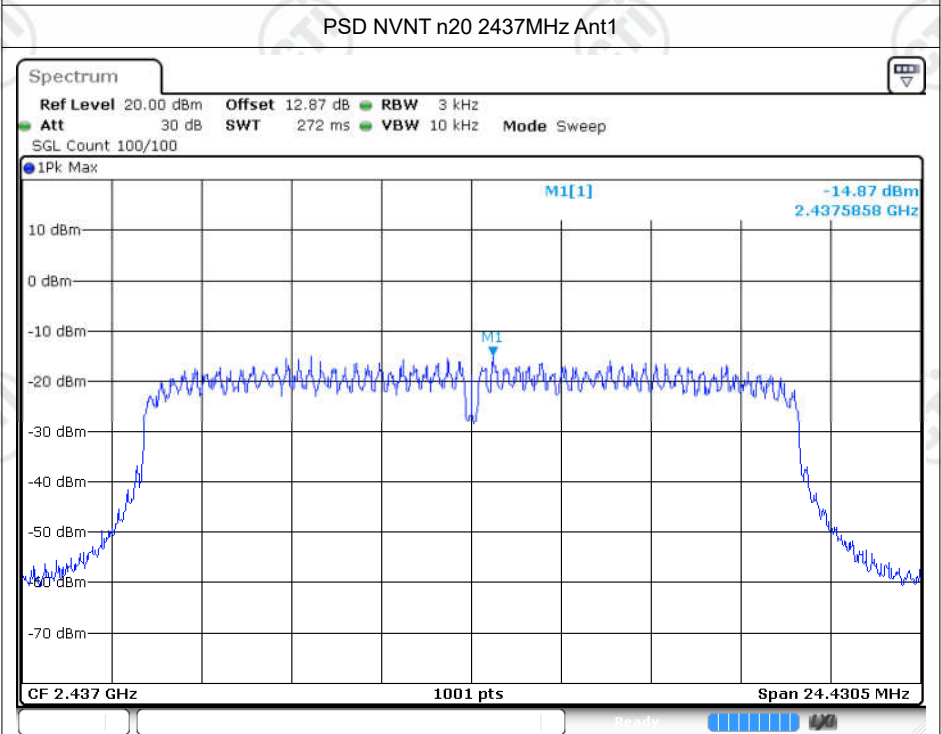
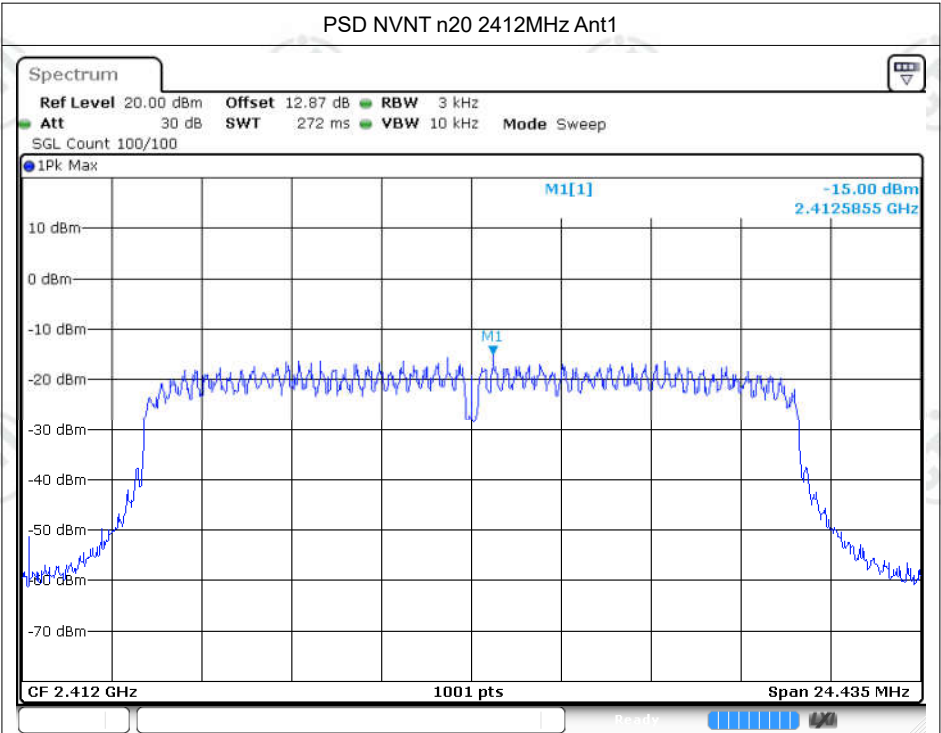
Date: 4 JUL 2024 11:38:17

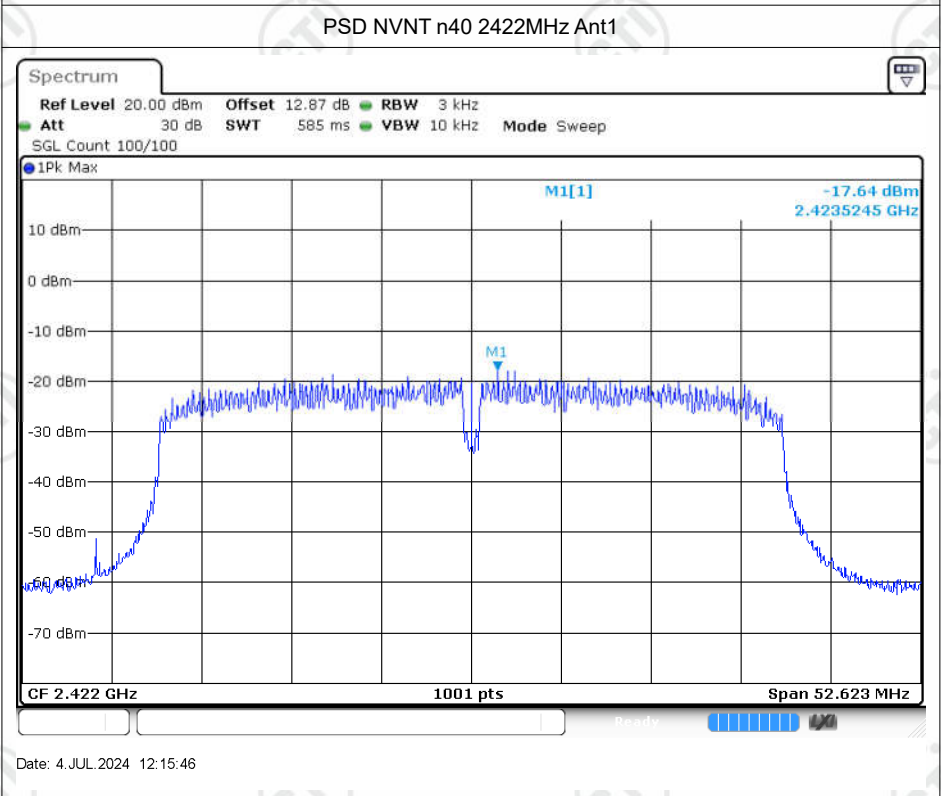
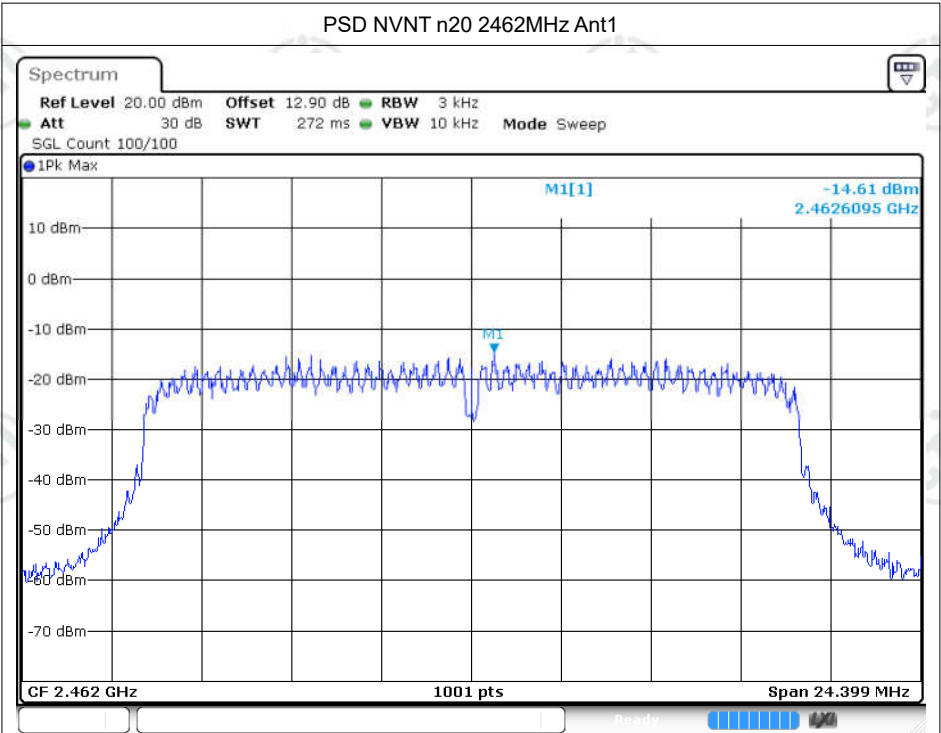


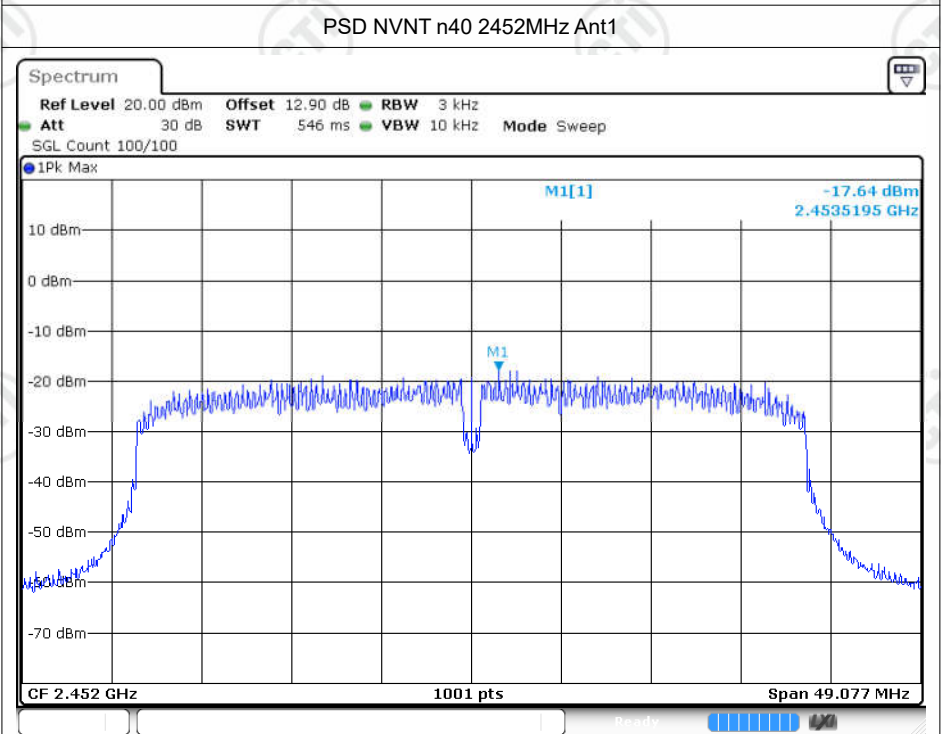
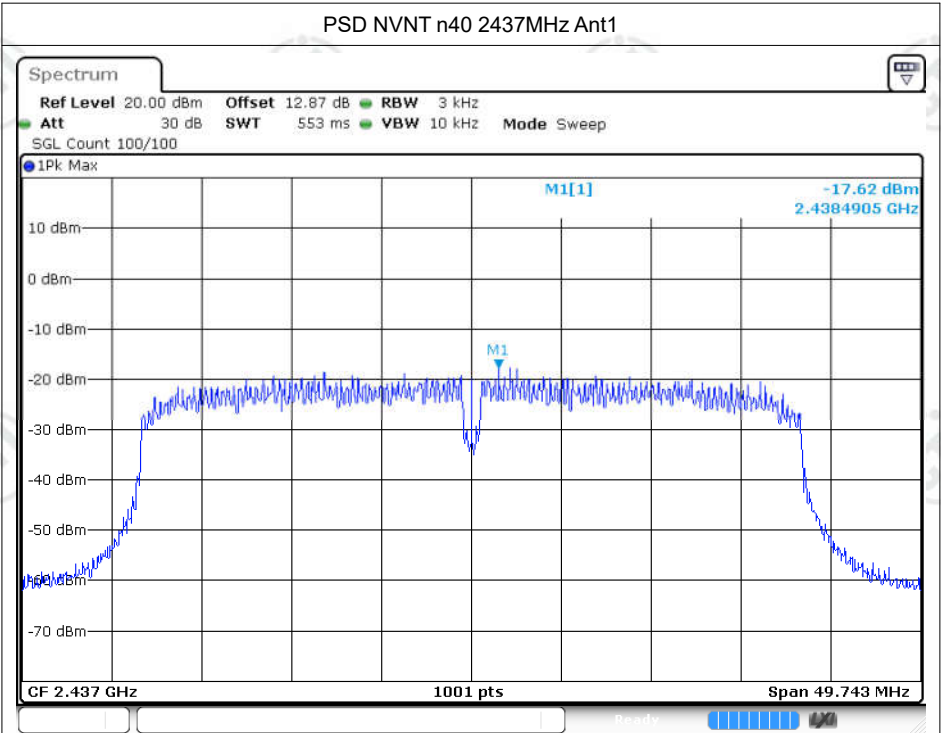
Date: 4 JUL 2024 11:40:30



Date: 4 JUL 2024 11:42:11

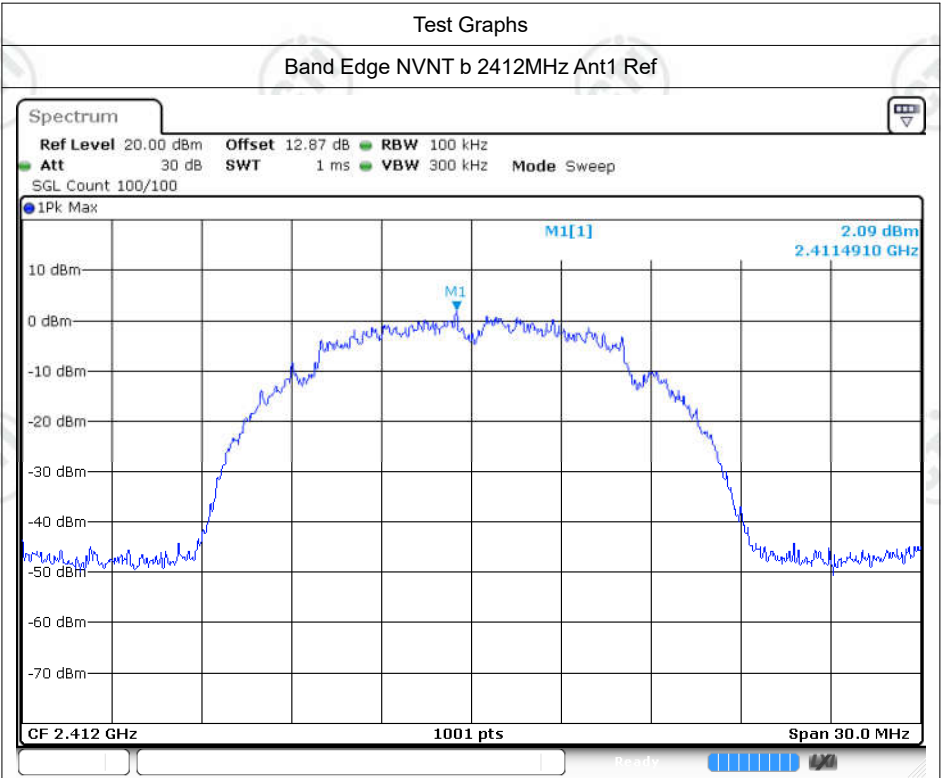




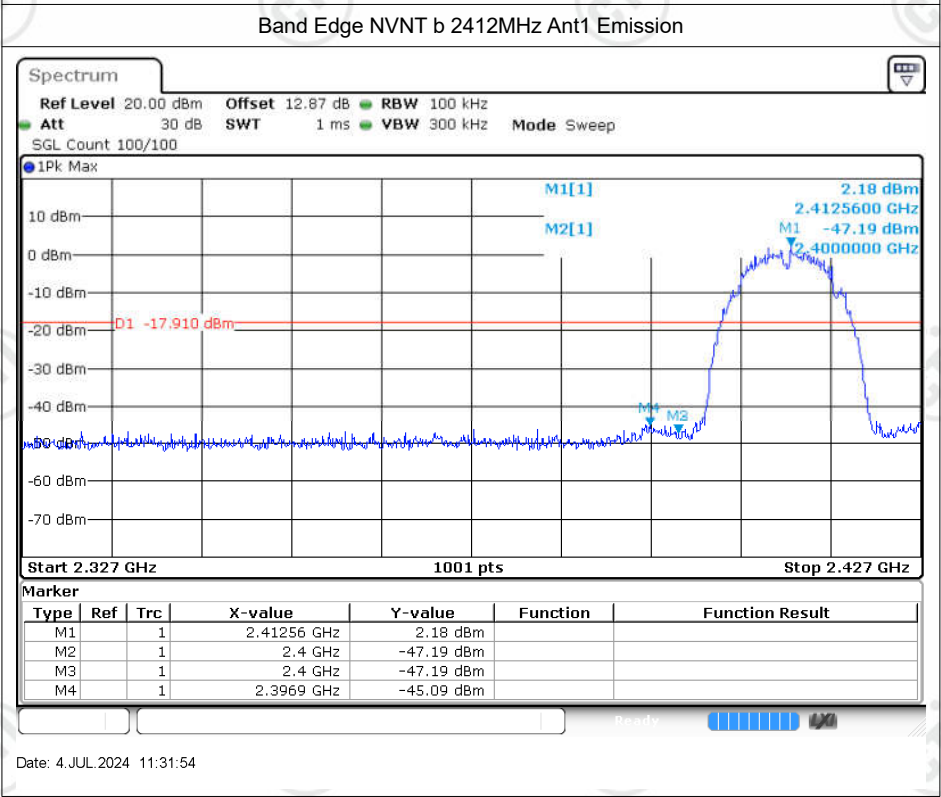


Band Edge

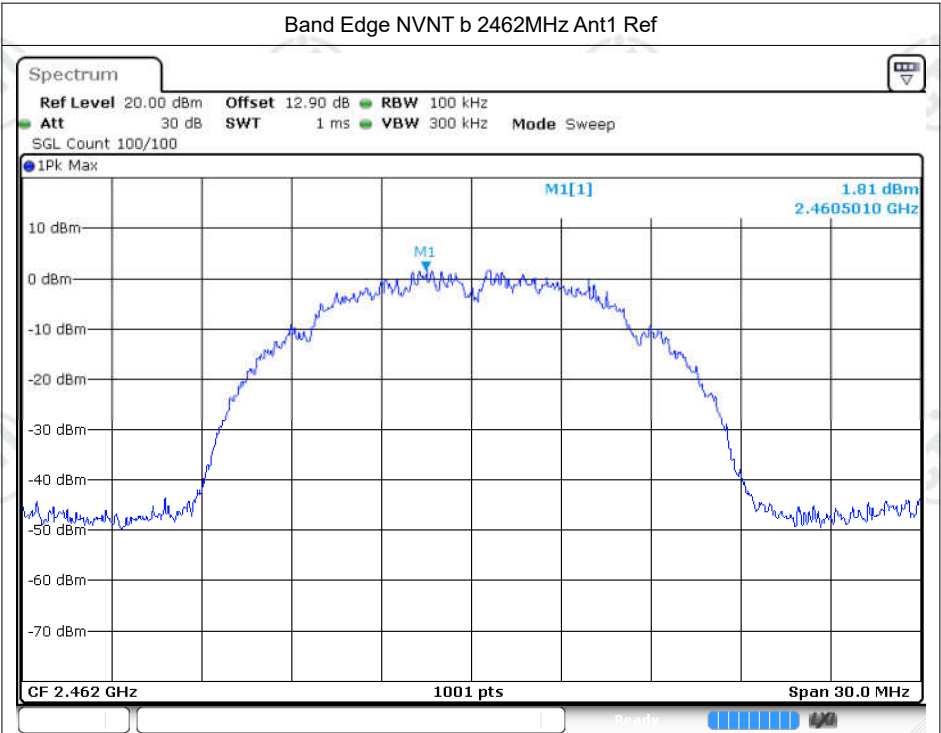
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.17	-20	Pass
NVNT	b	2462	Ant1	-48.24	-20	Pass
NVNT	g	2412	Ant1	-41.75	-20	Pass
NVNT	g	2462	Ant1	-44.12	-20	Pass
NVNT	n20	2412	Ant1	-41.44	-20	Pass
NVNT	n20	2462	Ant1	-43.57	-20	Pass
NVNT	n40	2422	Ant1	-39.6	-20	Pass
NVNT	n40	2452	Ant1	-41.02	-20	Pass



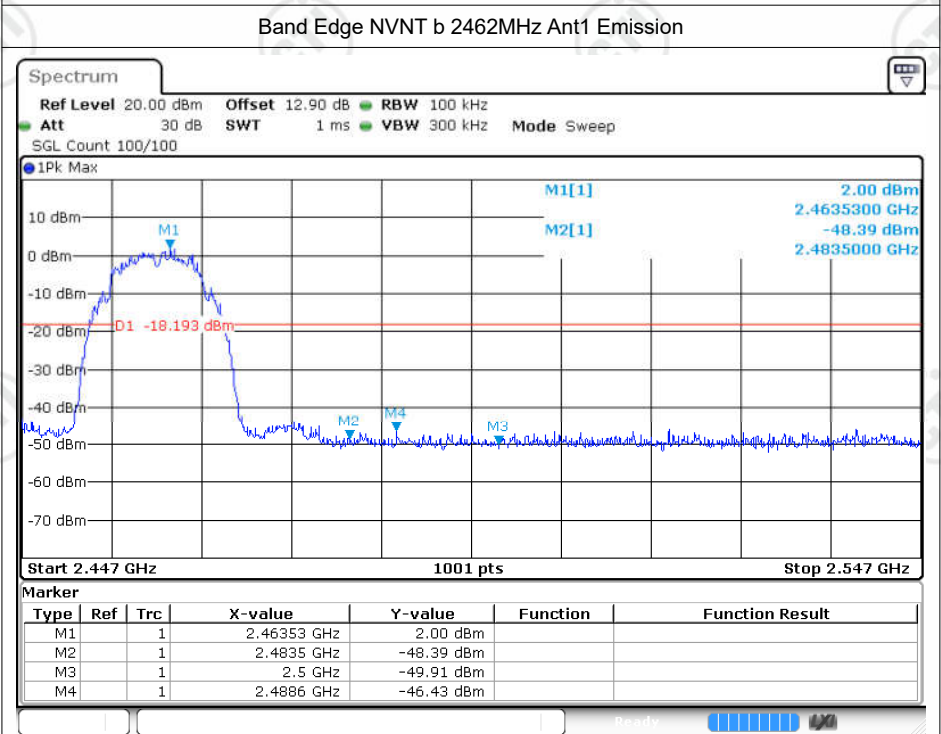
Date: 4 JUL 2024 11:31:52



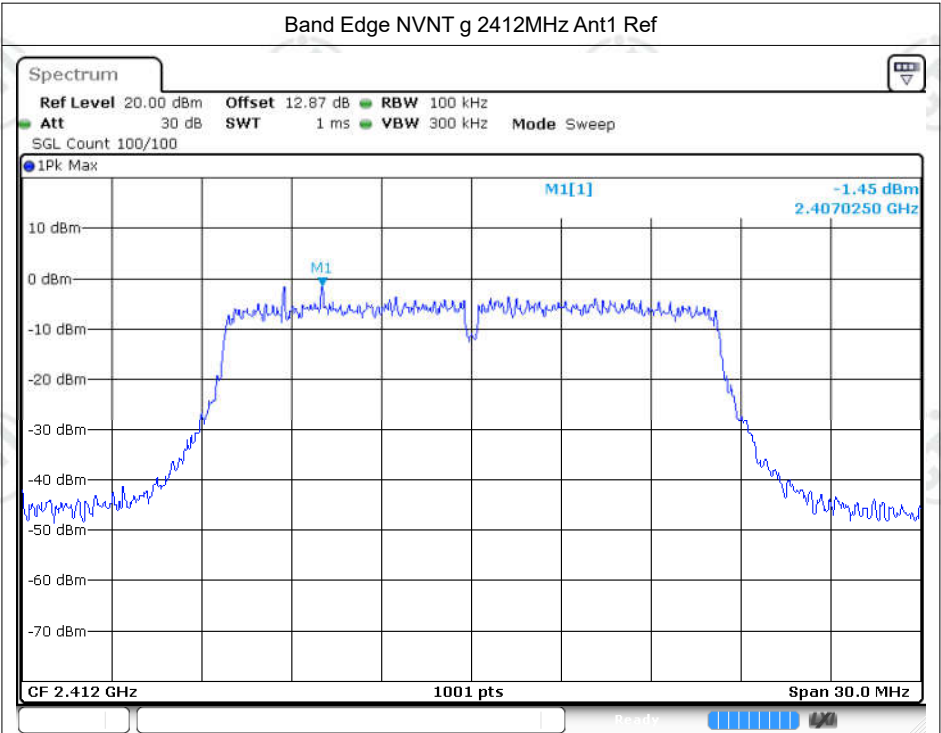
Date: 4 JUL 2024 11:31:54



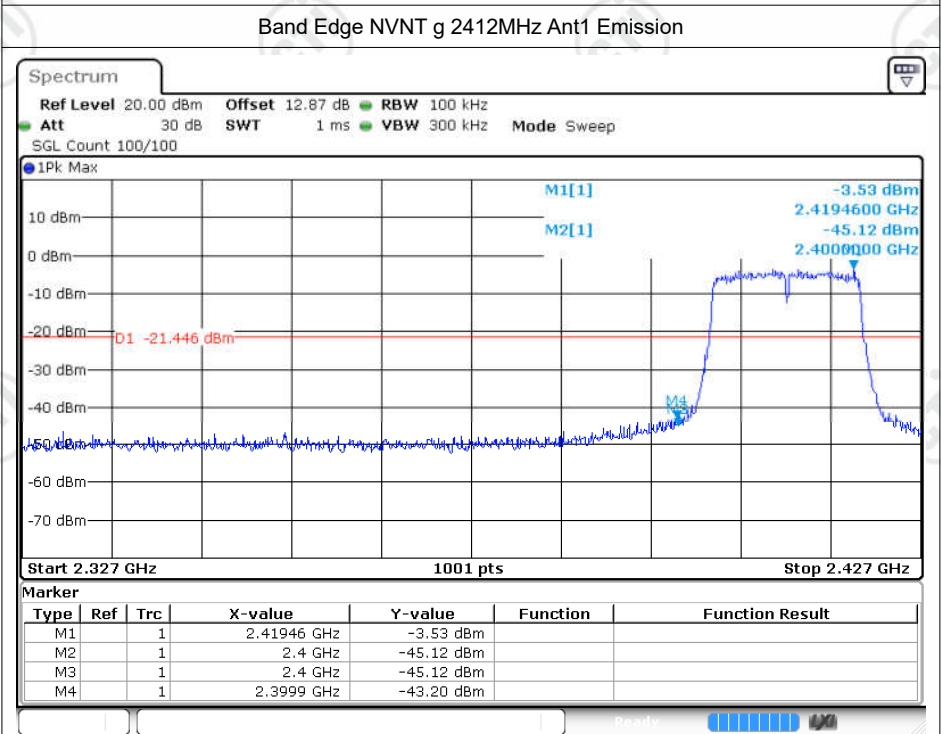
Date: 4 JUL 2024 11:36:05



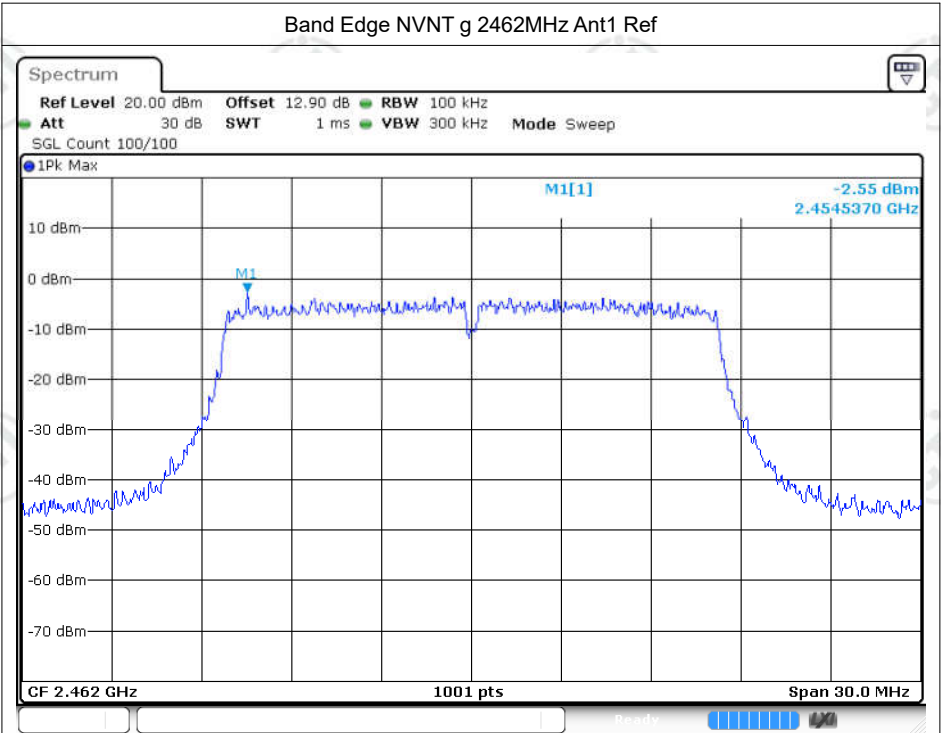
Date: 4 JUL 2024 11:36:06



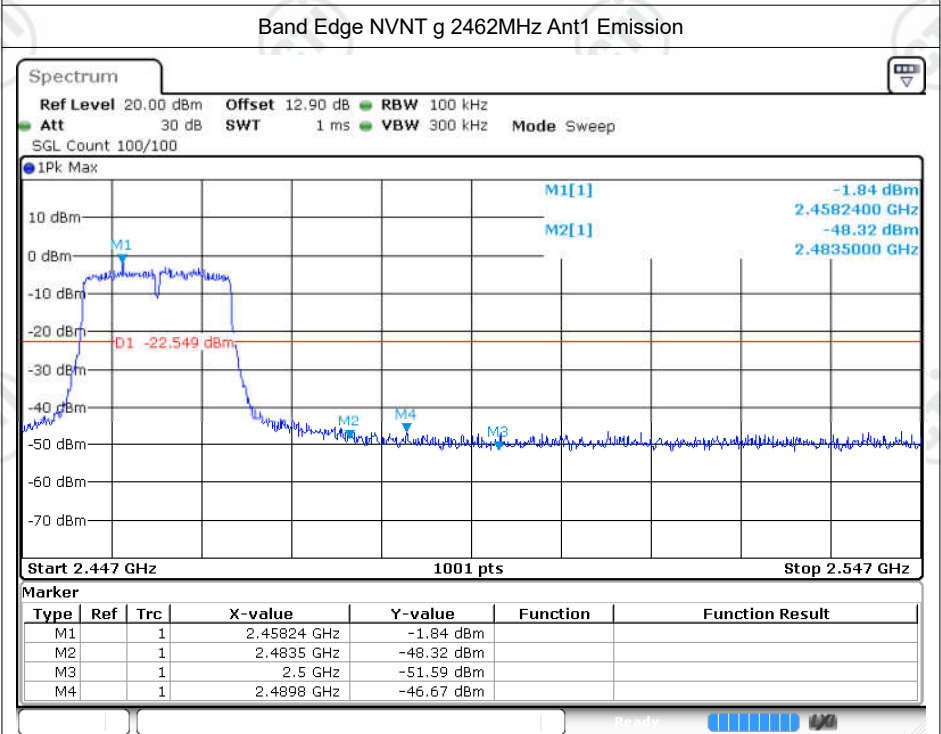
Date: 4 JUL 2024 11:38:20



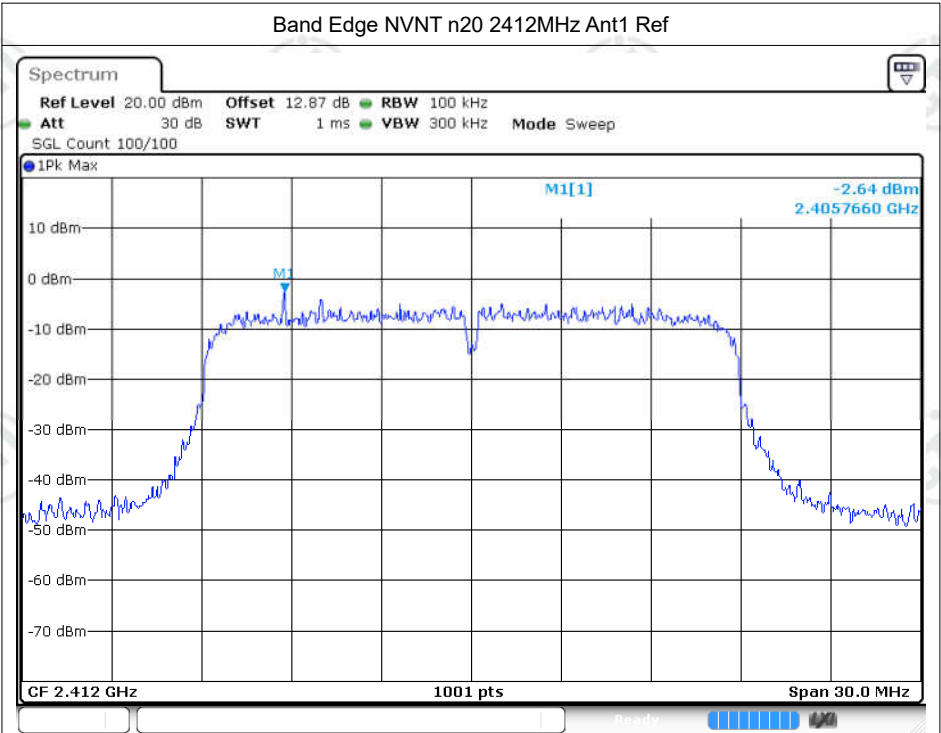
Date: 4 JUL 2024 11:38:22



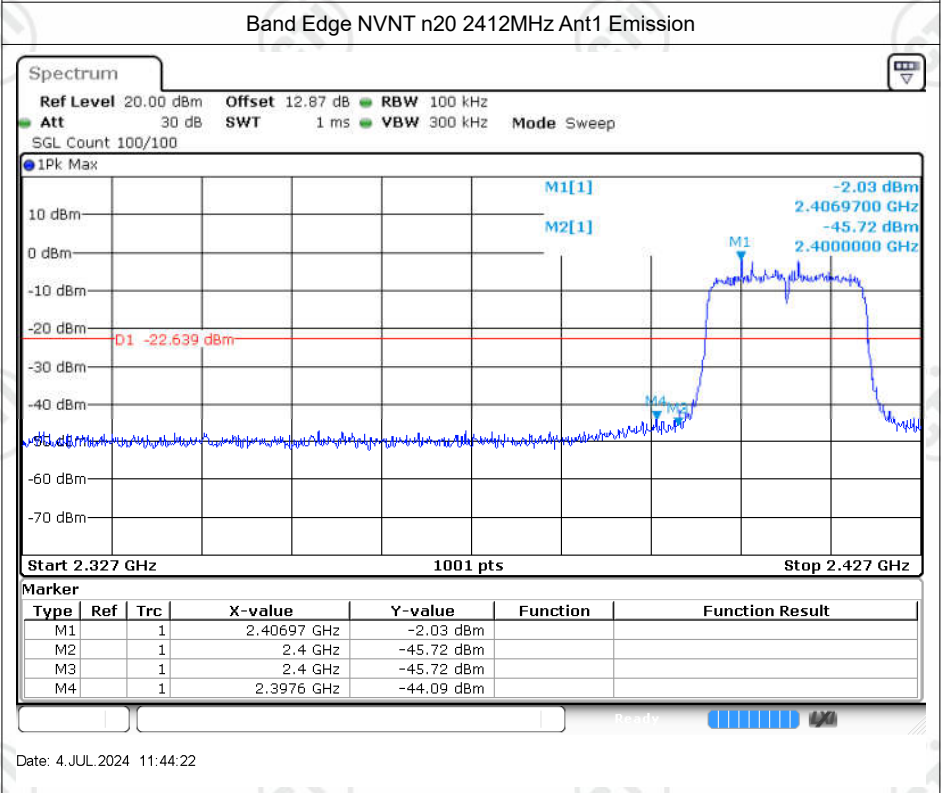
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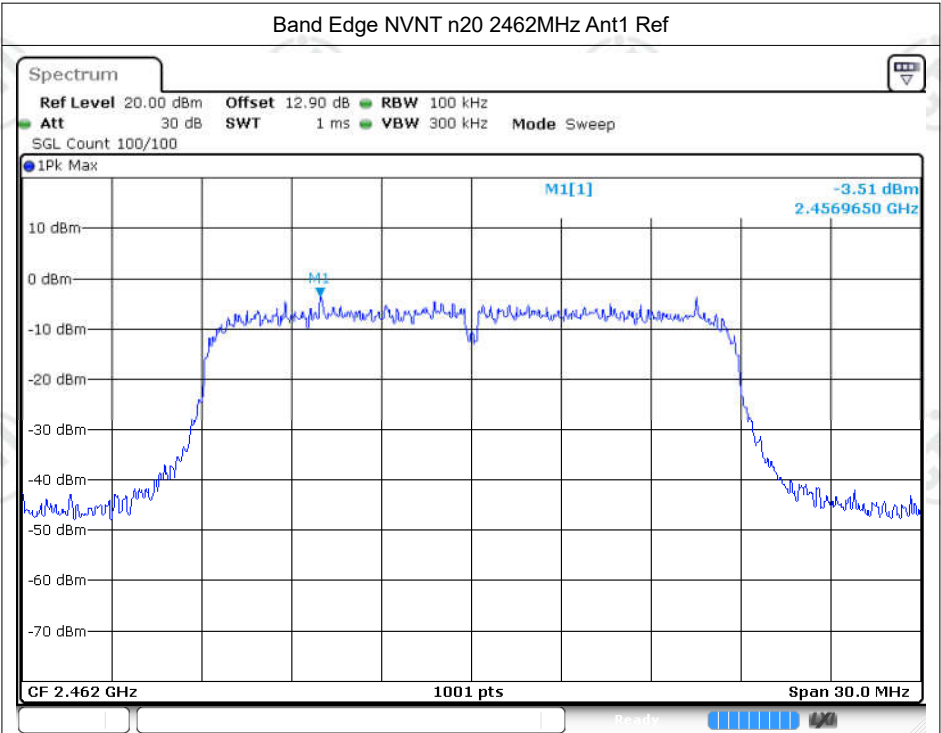
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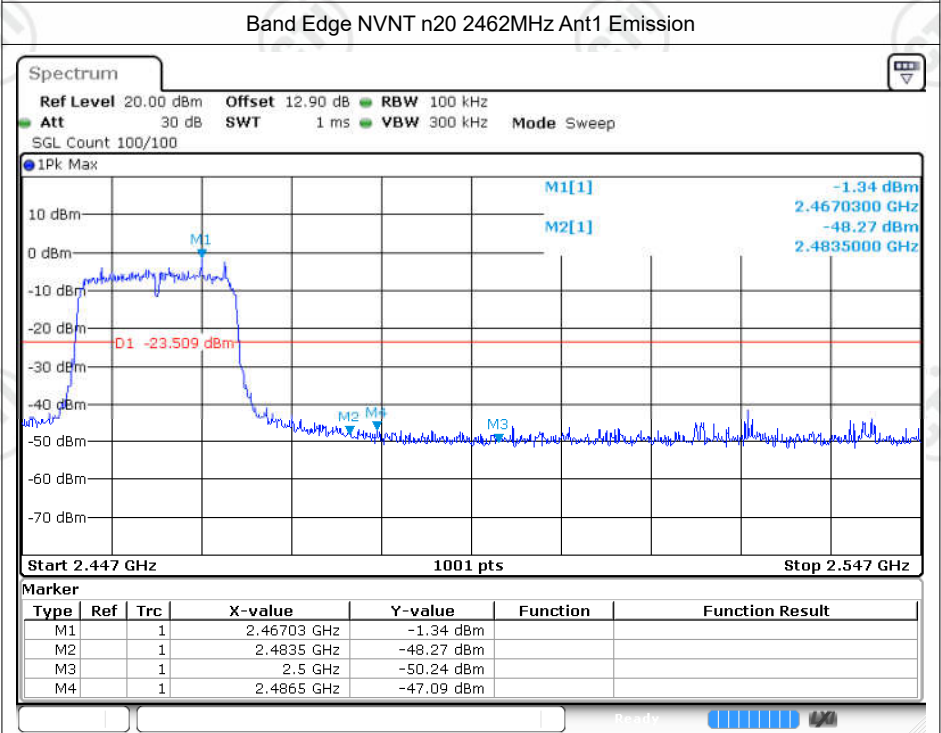
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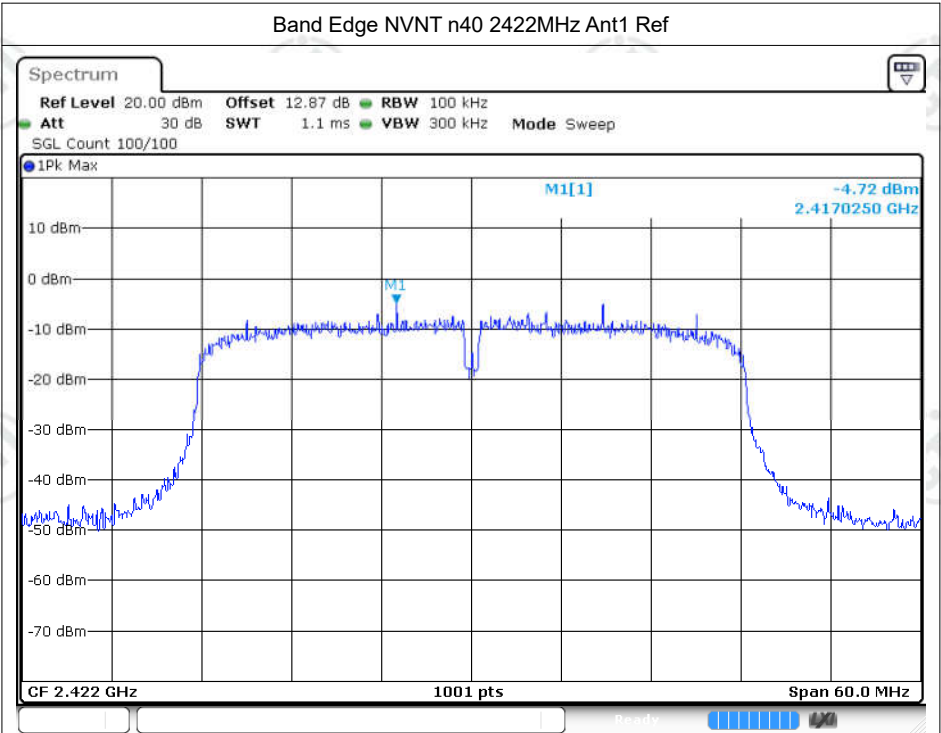
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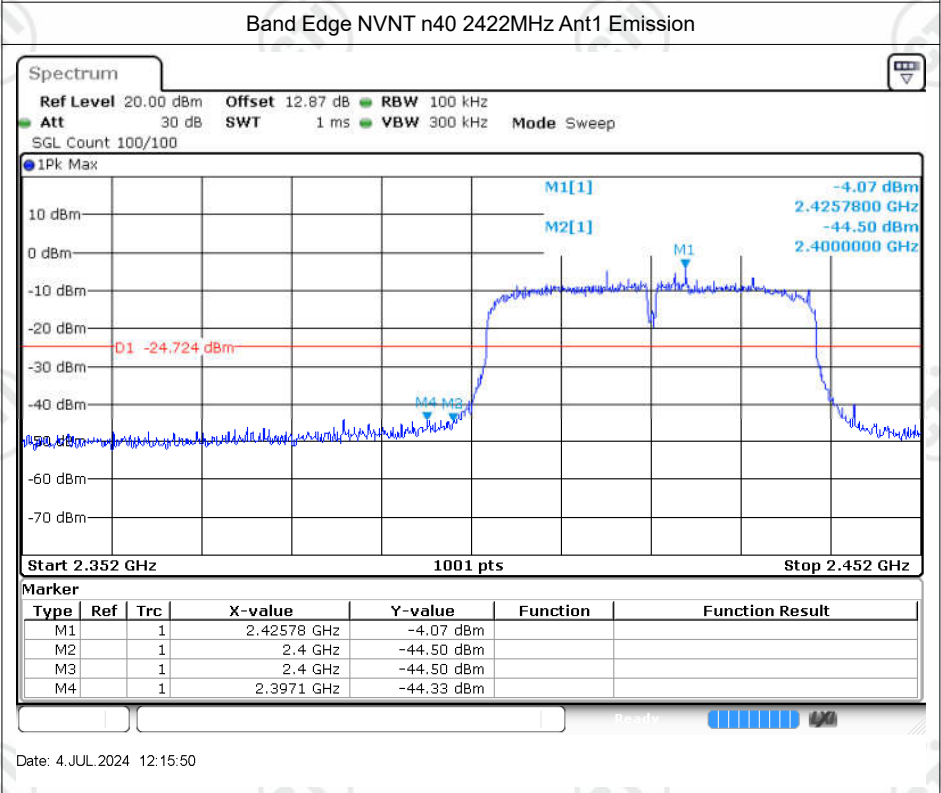
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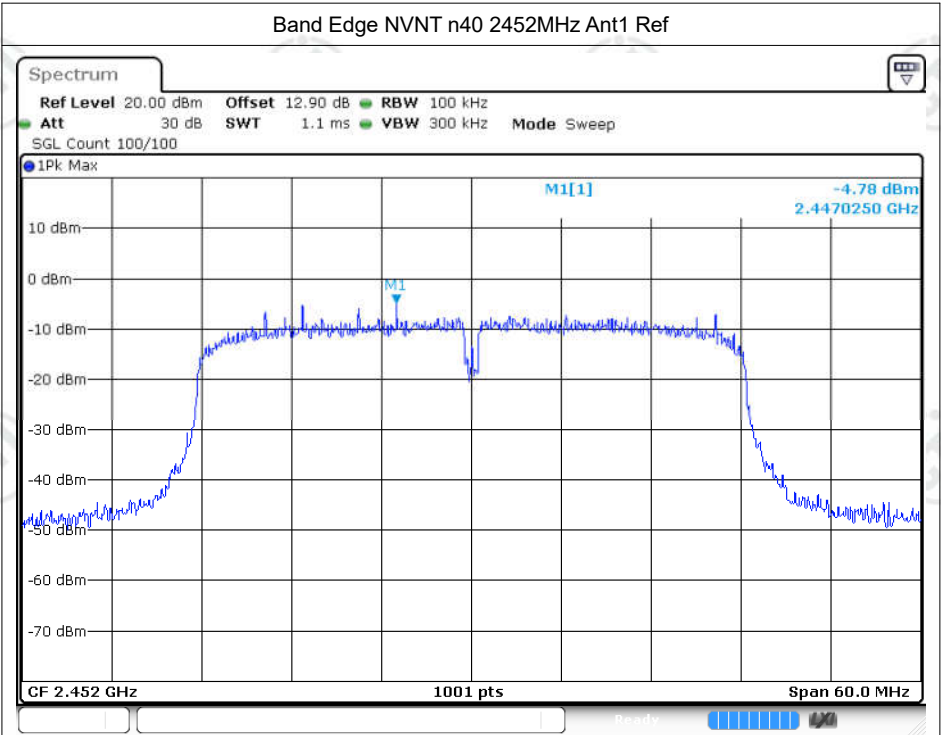
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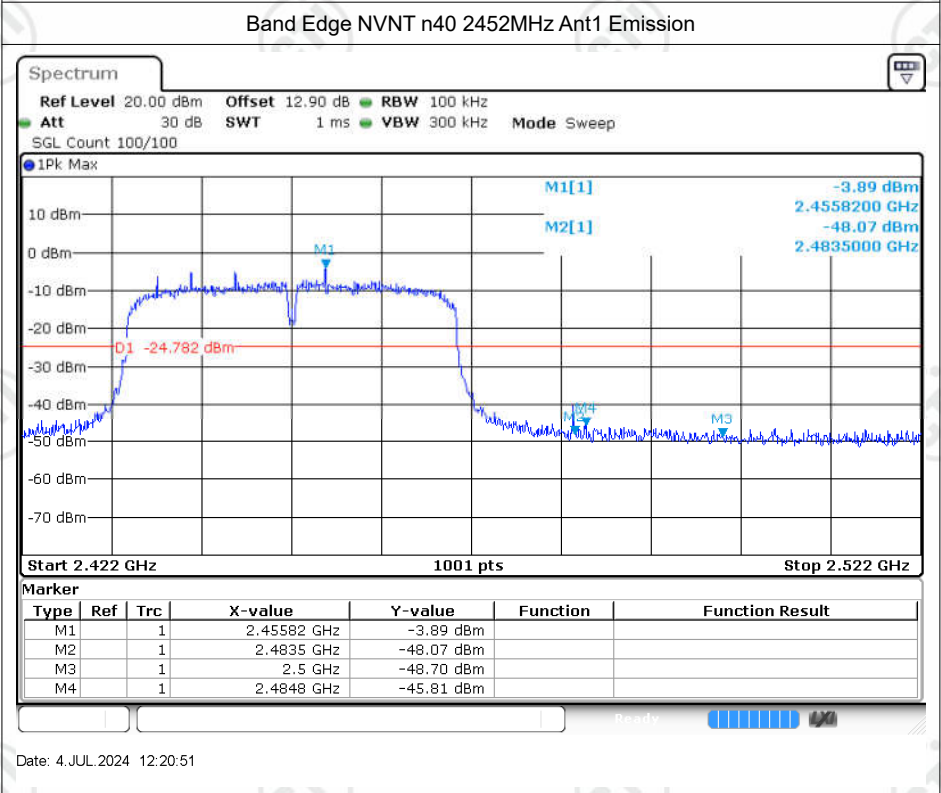
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Date: 4.JUL.2024 12:15:50



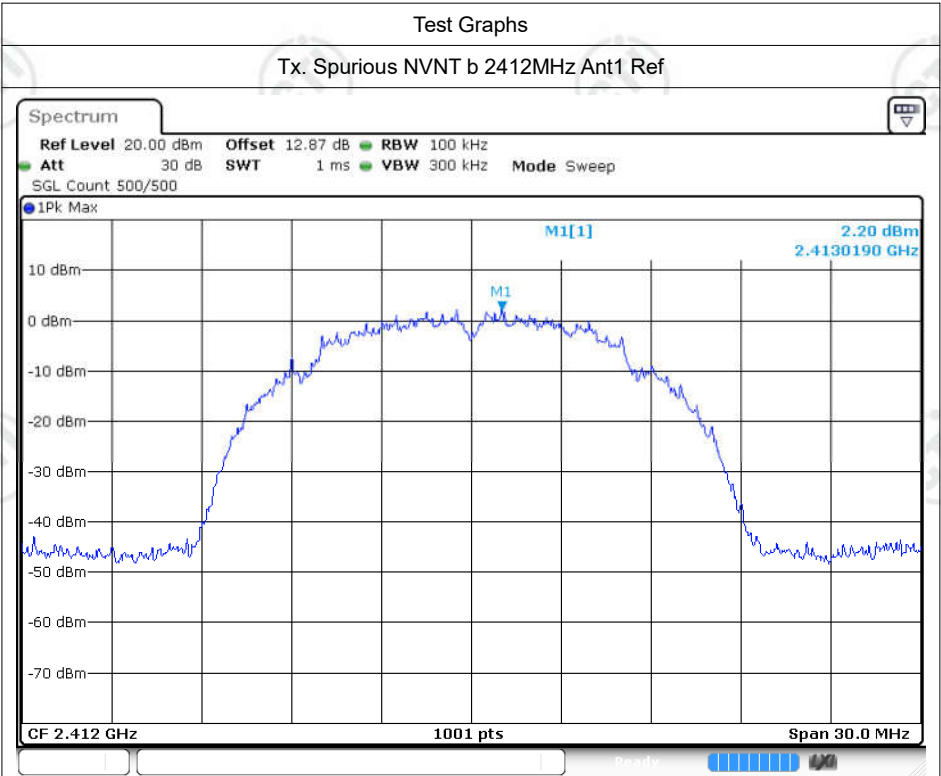
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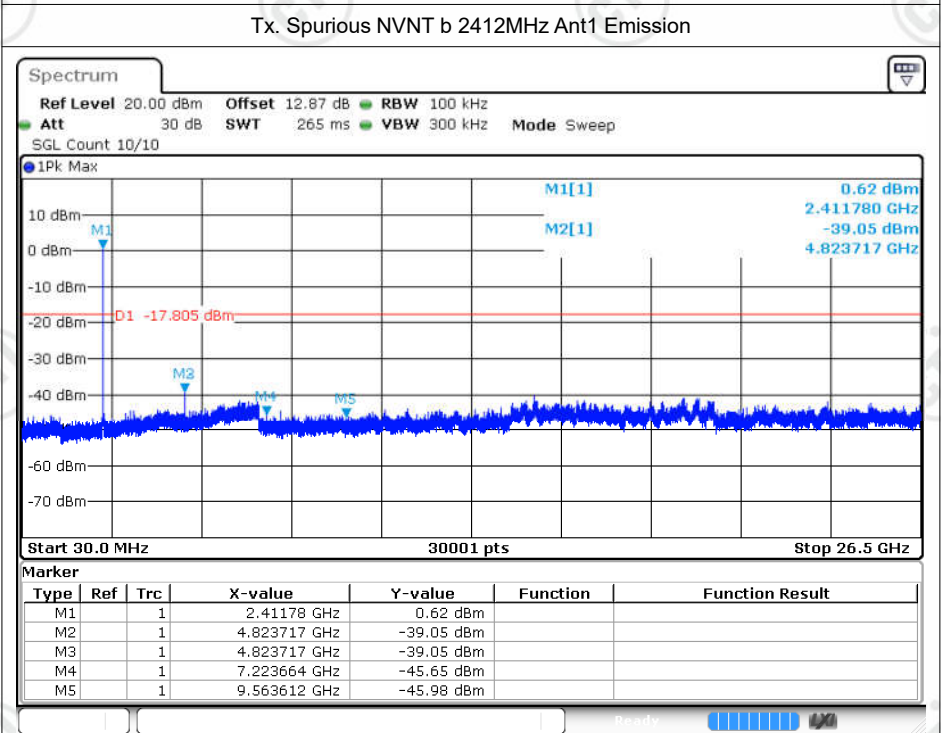
Date: 4 JUL 2024 12:20:51

Conducted RF Spurious Emission

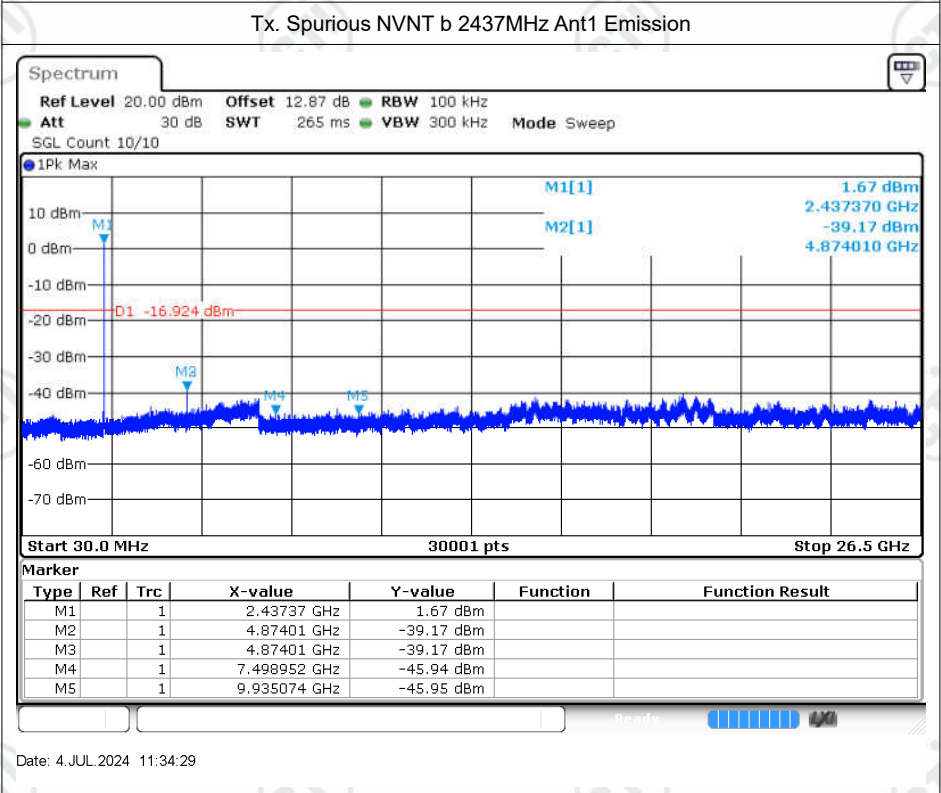
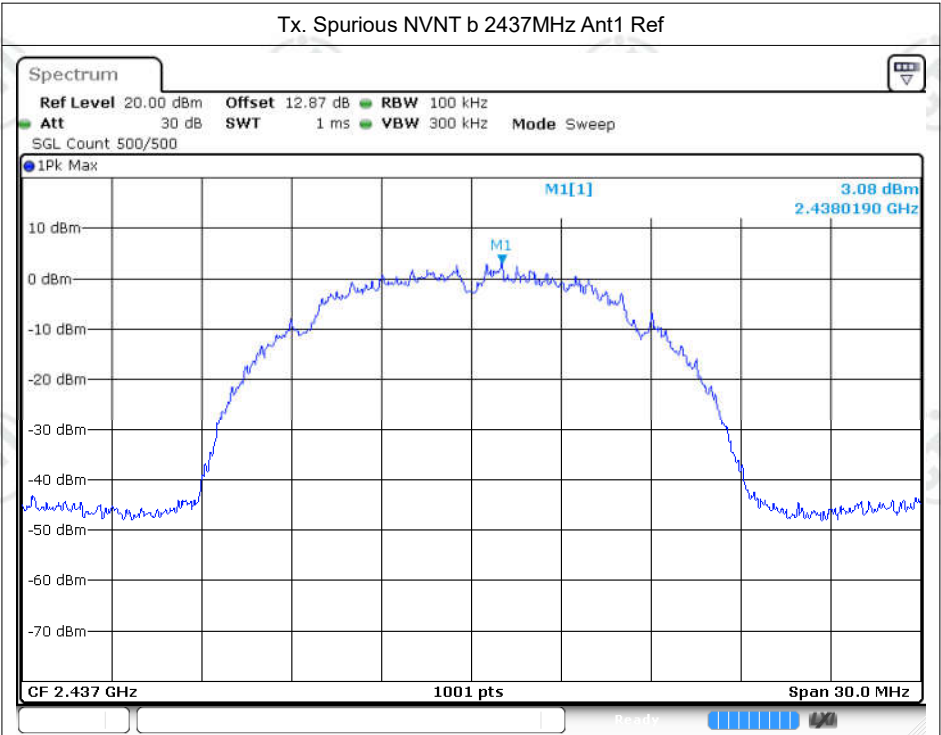
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-41.25	-20	Pass
NVNT	b	2437	Ant1	-42.24	-20	Pass
NVNT	b	2462	Ant1	-42.13	-20	Pass
NVNT	g	2412	Ant1	-39.45	-20	Pass
NVNT	g	2437	Ant1	-37.83	-20	Pass
NVNT	g	2462	Ant1	-39.55	-20	Pass
NVNT	n20	2412	Ant1	-37.88	-20	Pass
NVNT	n20	2437	Ant1	-38.78	-20	Pass
NVNT	n20	2462	Ant1	-38.79	-20	Pass
NVNT	n40	2422	Ant1	-35.2	-20	Pass
NVNT	n40	2437	Ant1	-35.95	-20	Pass
NVNT	n40	2452	Ant1	-35.72	-20	Pass

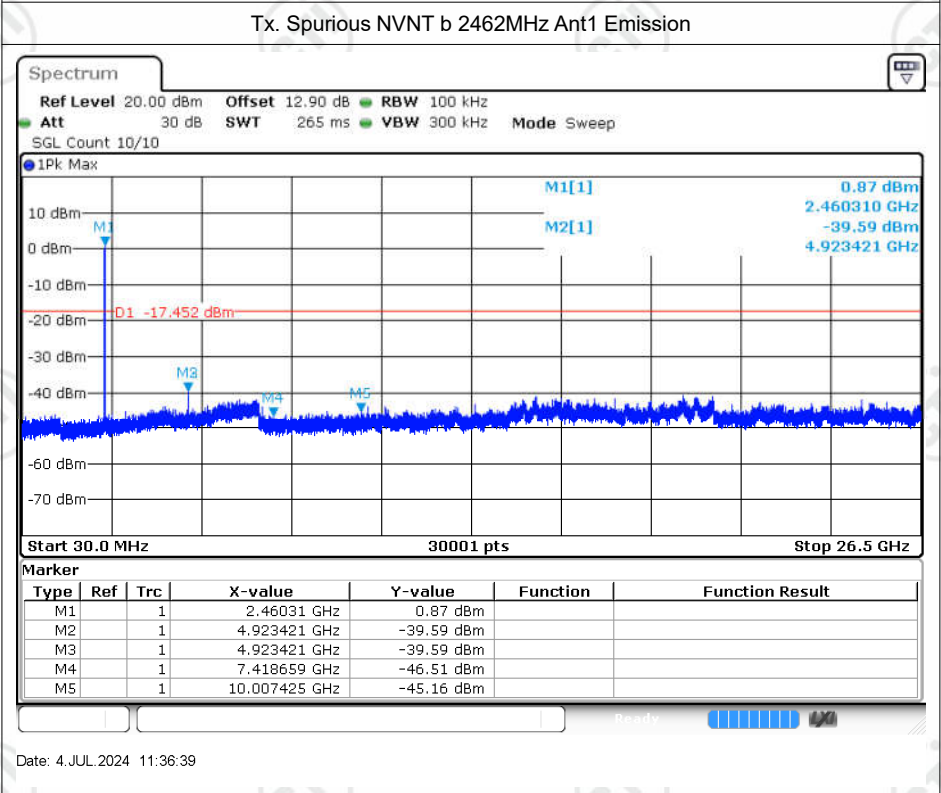
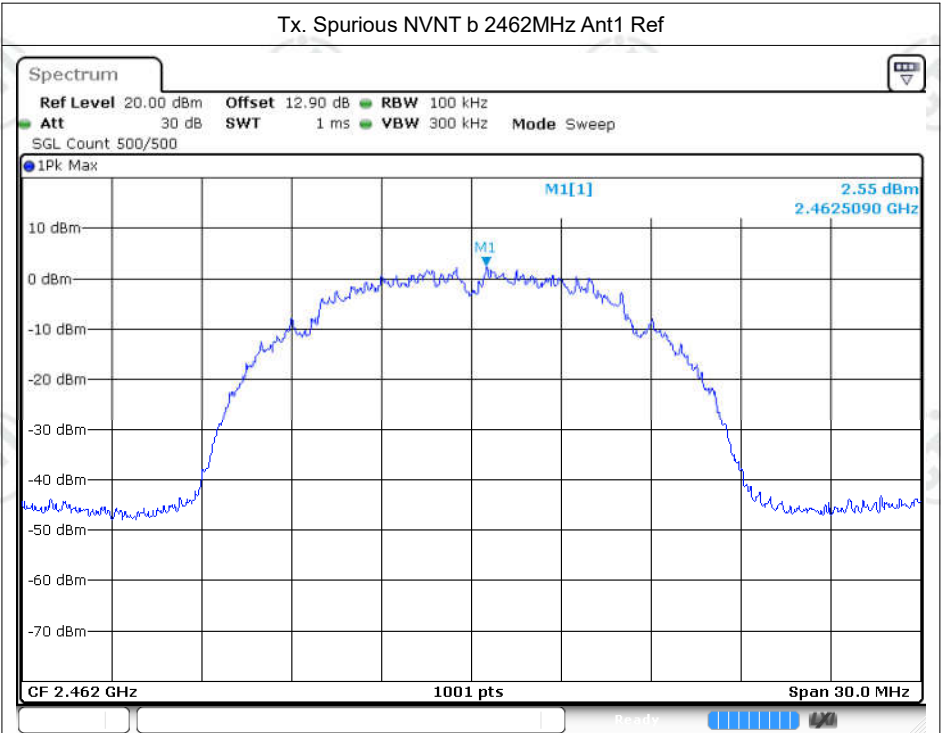


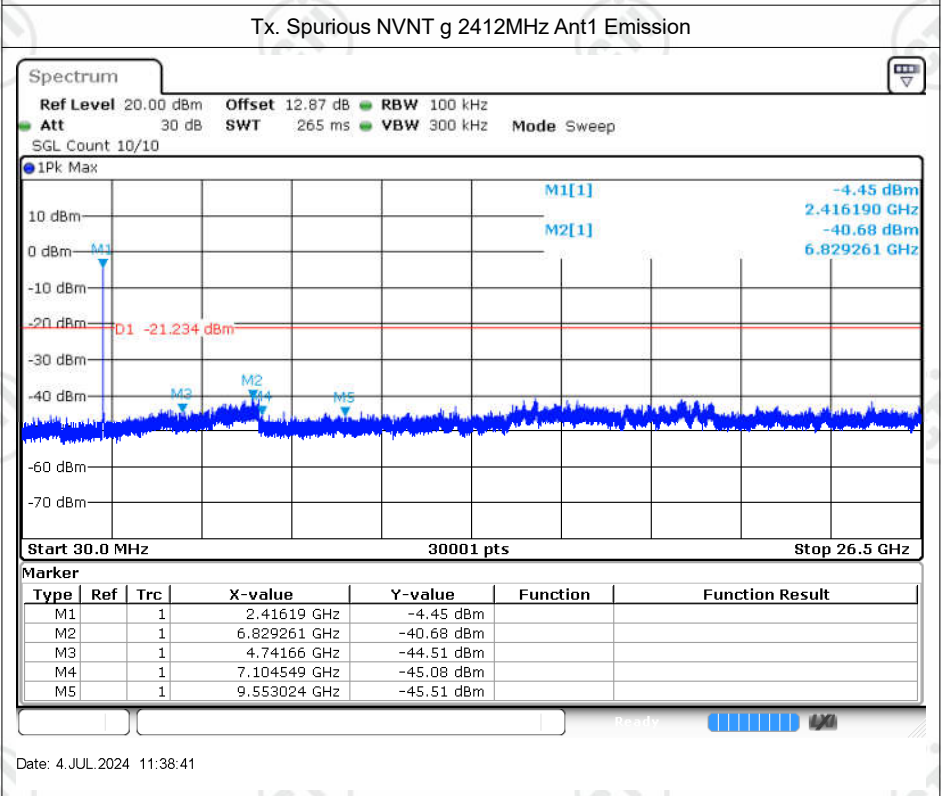
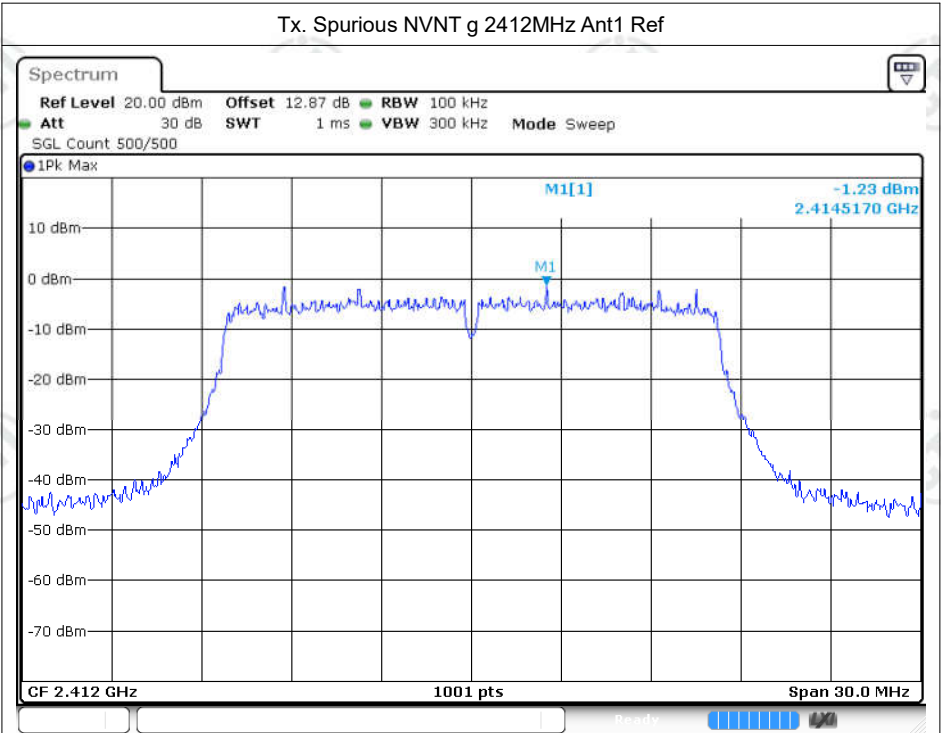
Date: 4 JUL 2024 11:32:04

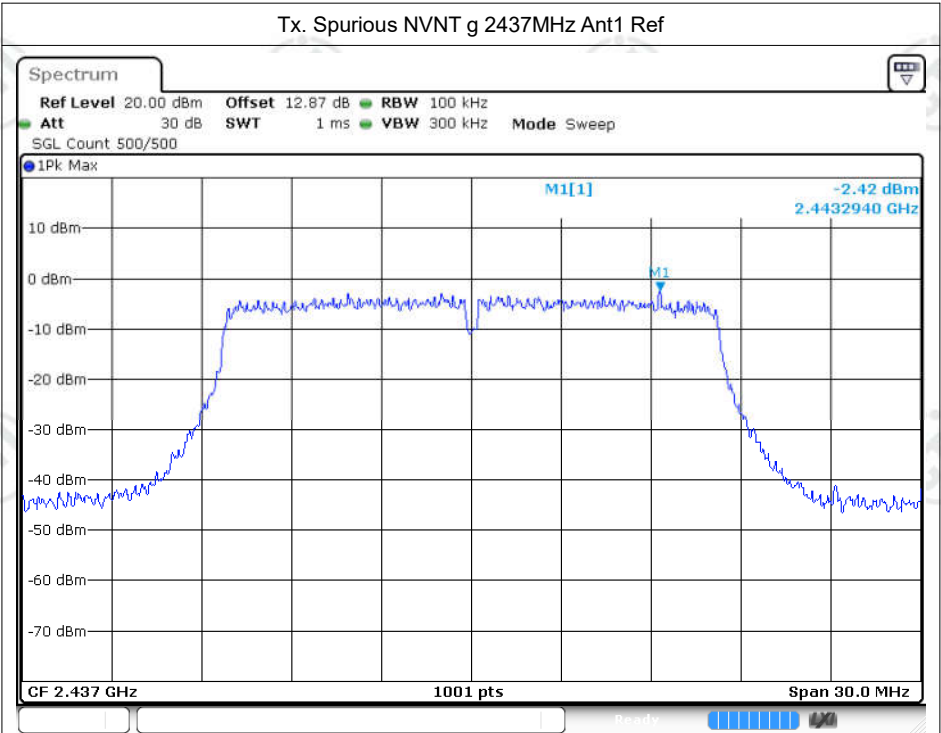


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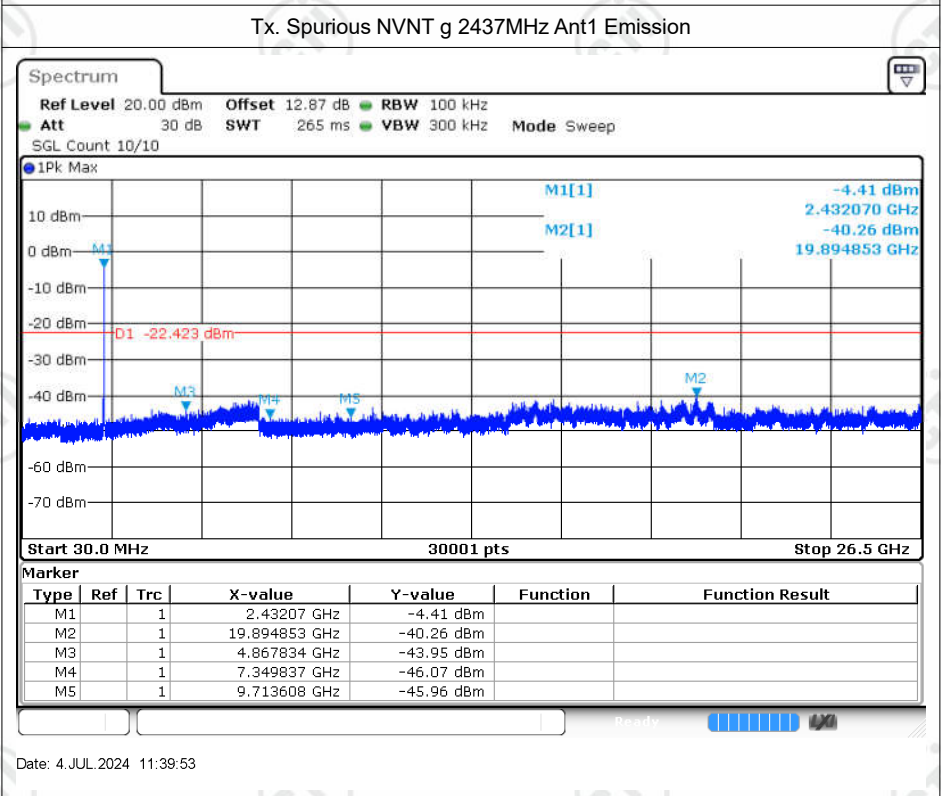




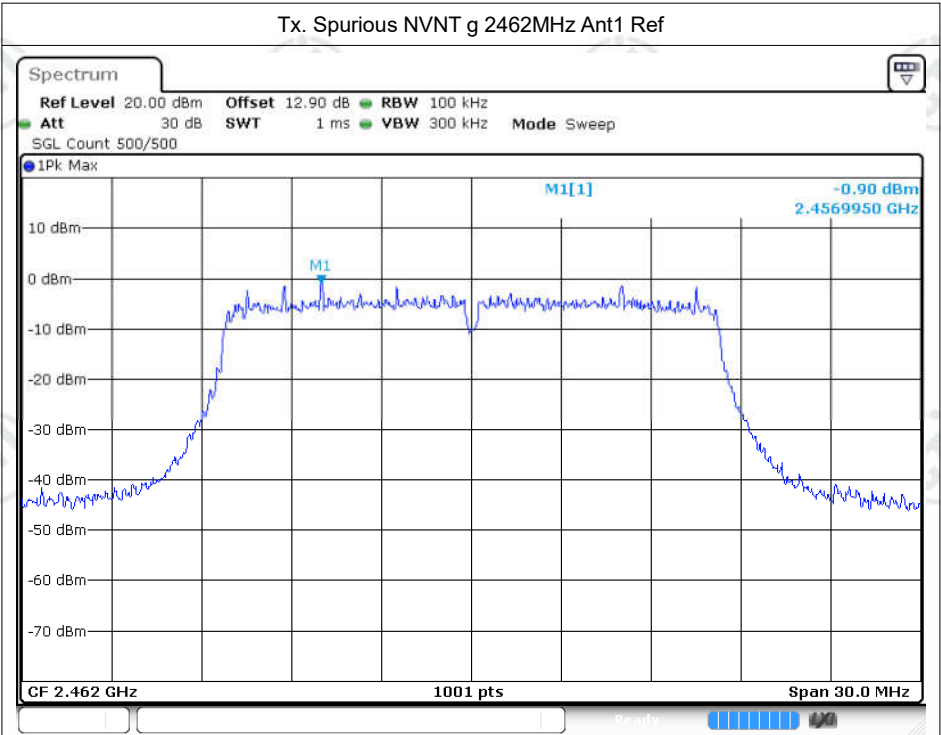




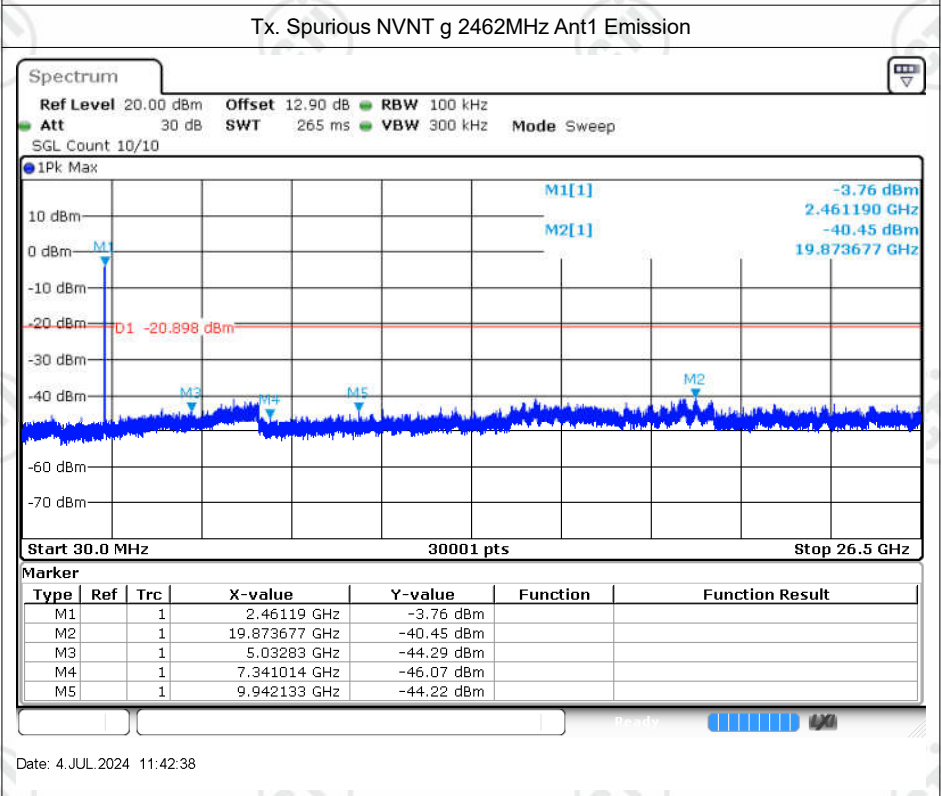
Date: 4 JUL 2024 11:39:42



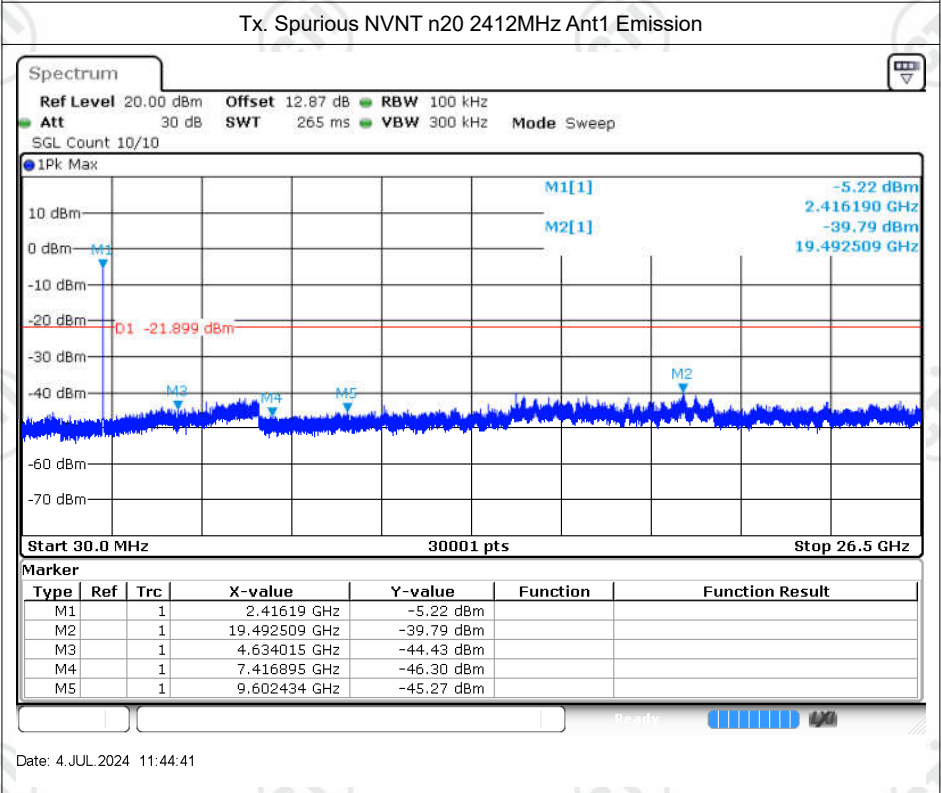
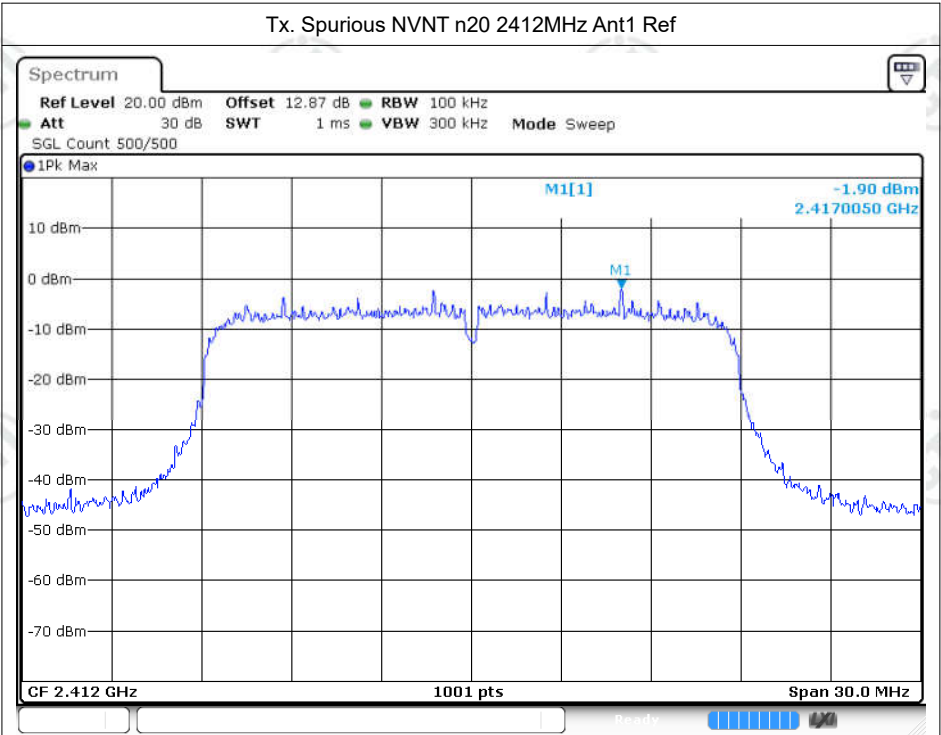
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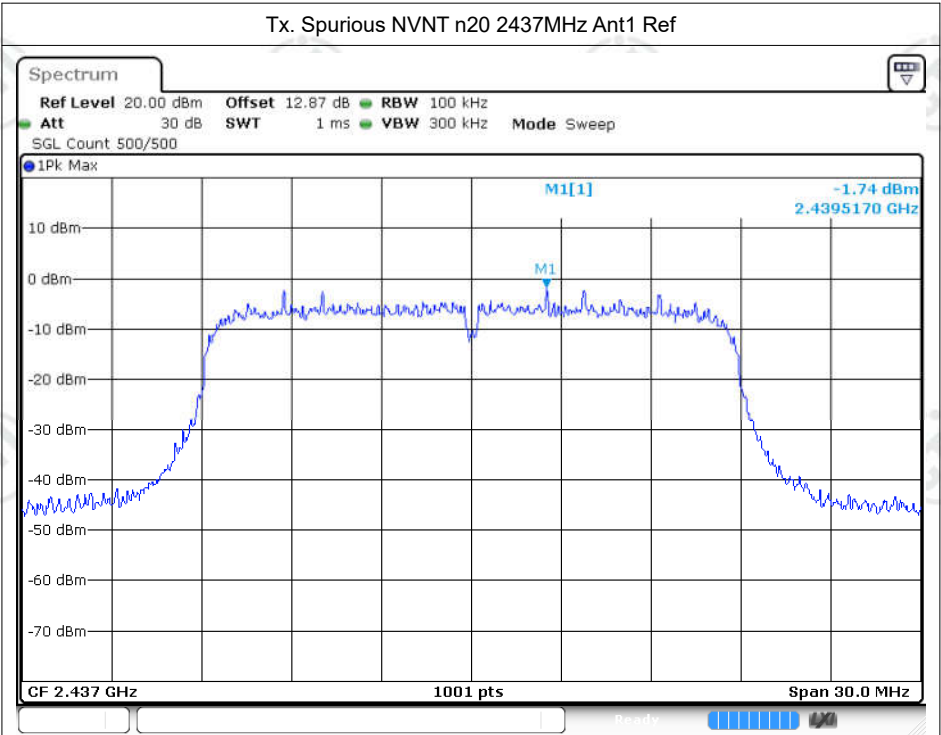


Date: 4 JUL 2024 11:42:26

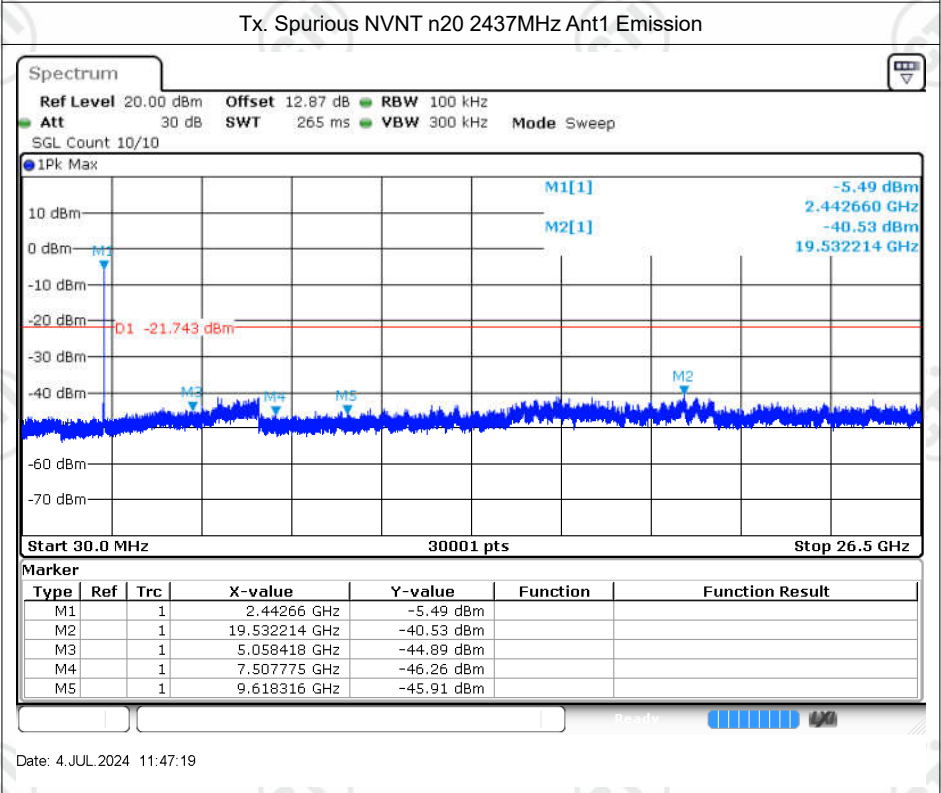


Date: 4 JUL 2024 11:42:38

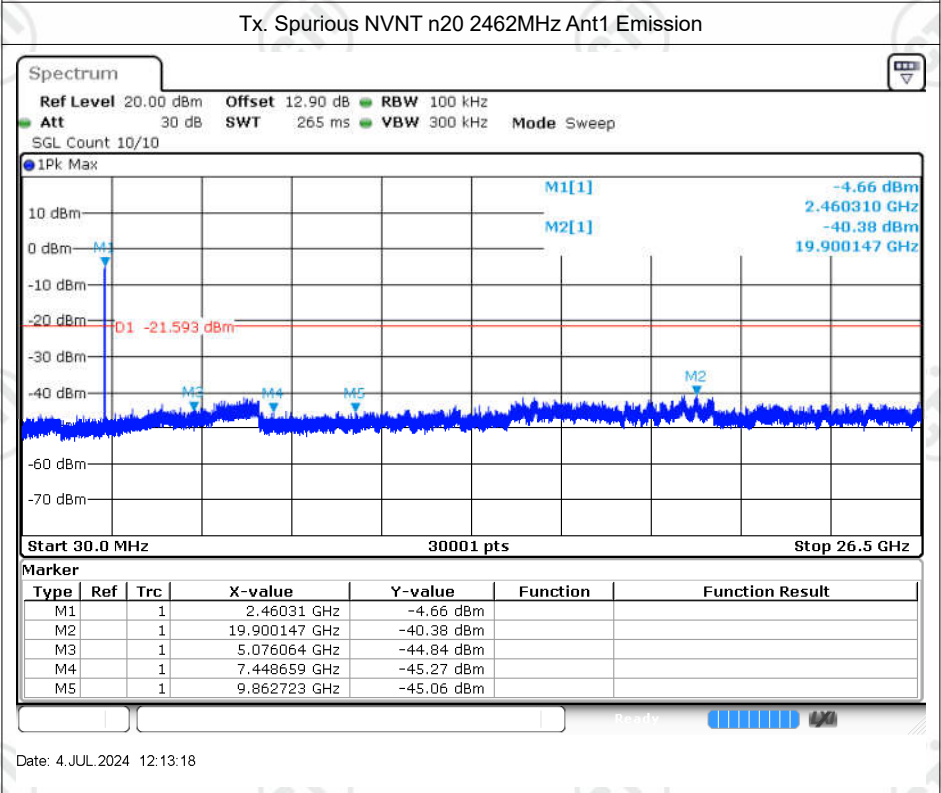
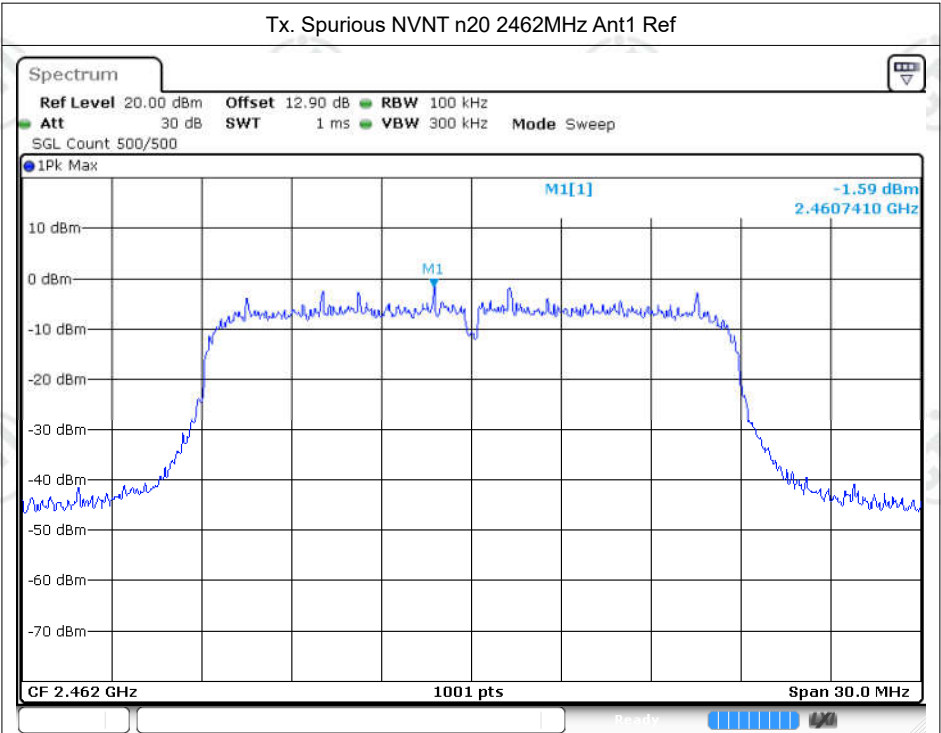


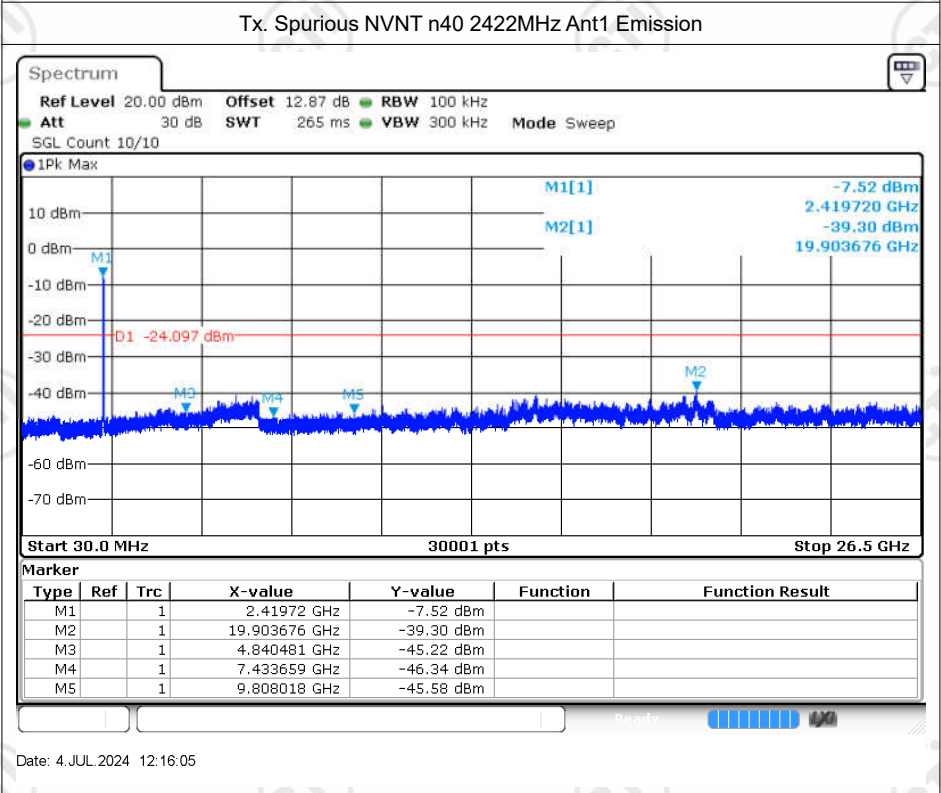
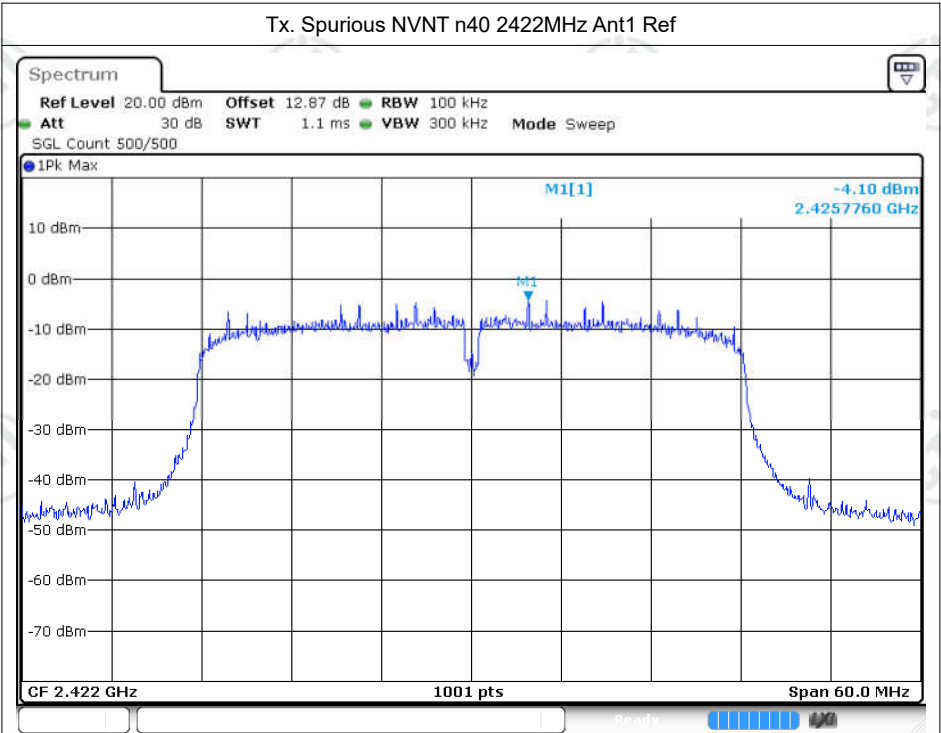


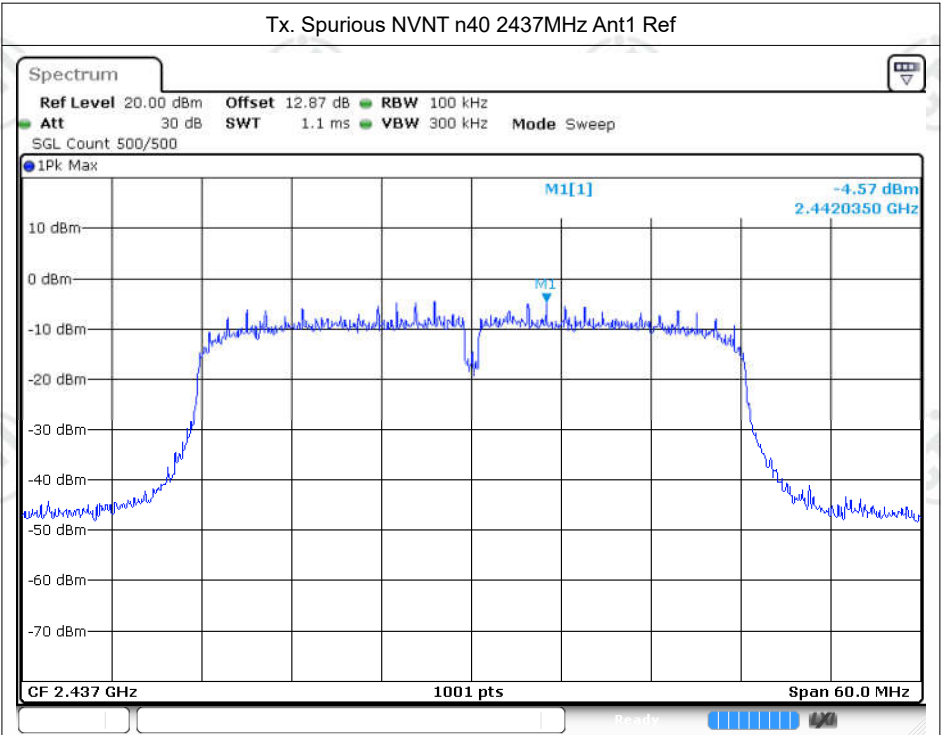
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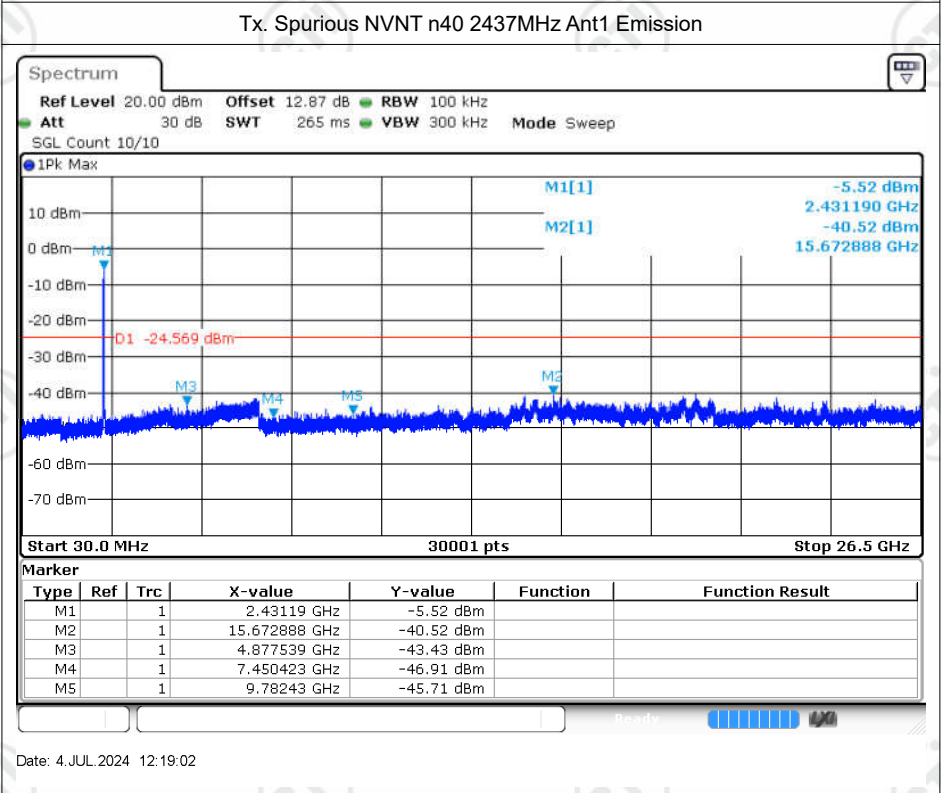
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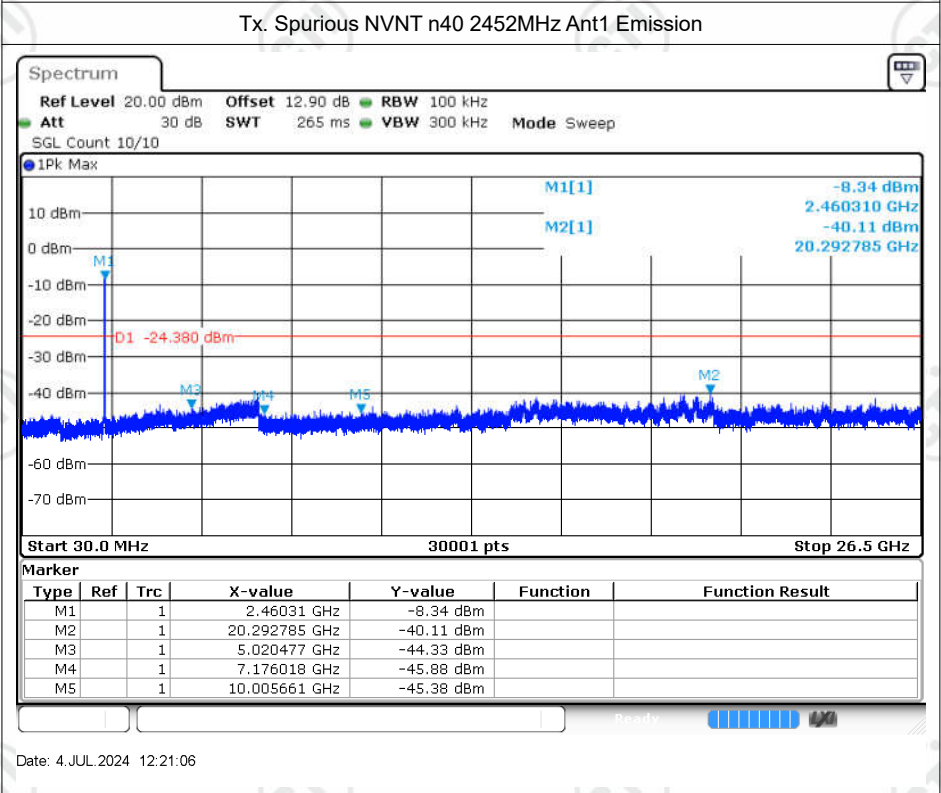
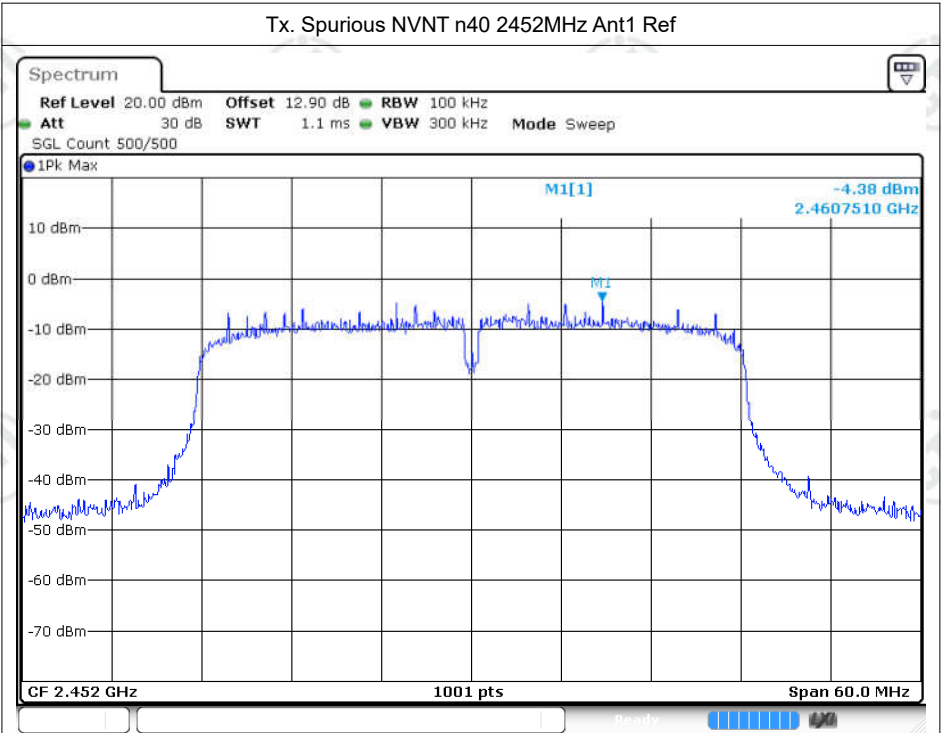




Date: 4 JUL 2024 12:18:51



Date: 4 JUL 2024 12:19:02



*** End of Report ***