

CFR 47 FCC PART 15 SUBPART C

TEST REPORT

For

T200 PLUS 2K AI Dash Cam + 1080P Rear Cam

MODEL NUMBER: BT533643

REPORT NUMBER: E04A23080299F00202

ISSUE DATE: September 1, 2023

FCC ID:WUI-AICAMWIFI

Prepared for

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523808**

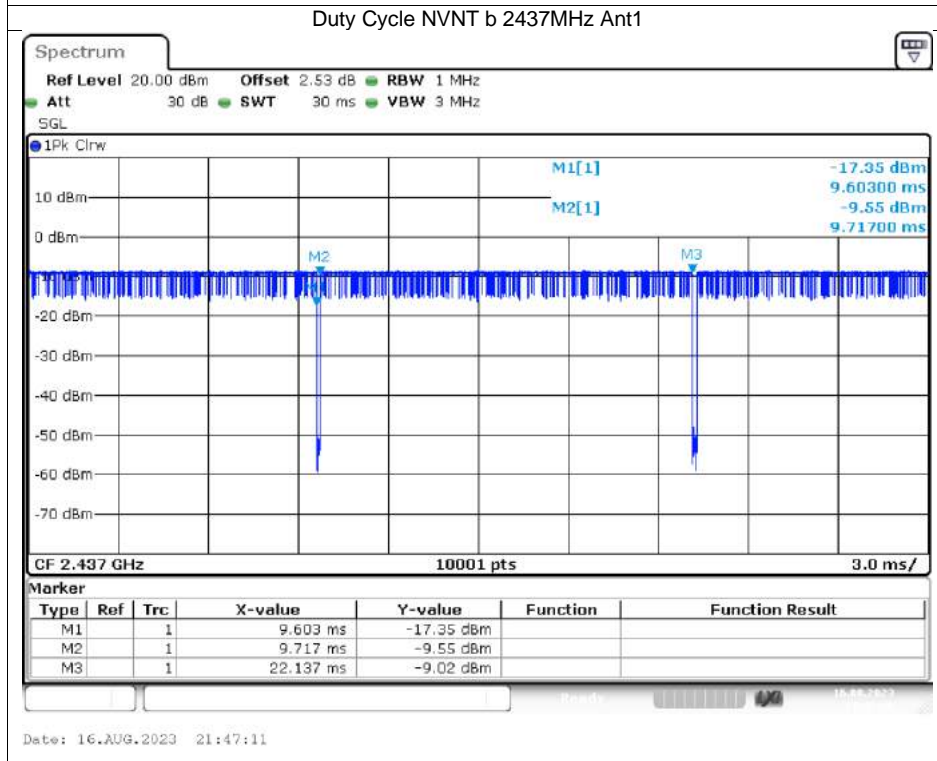
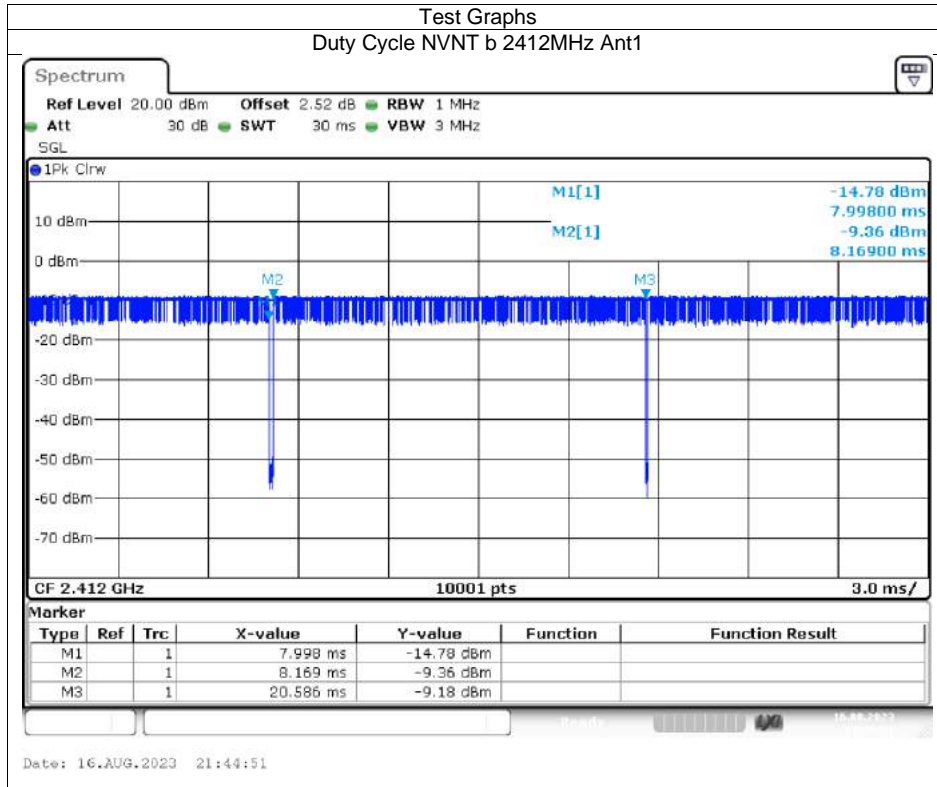
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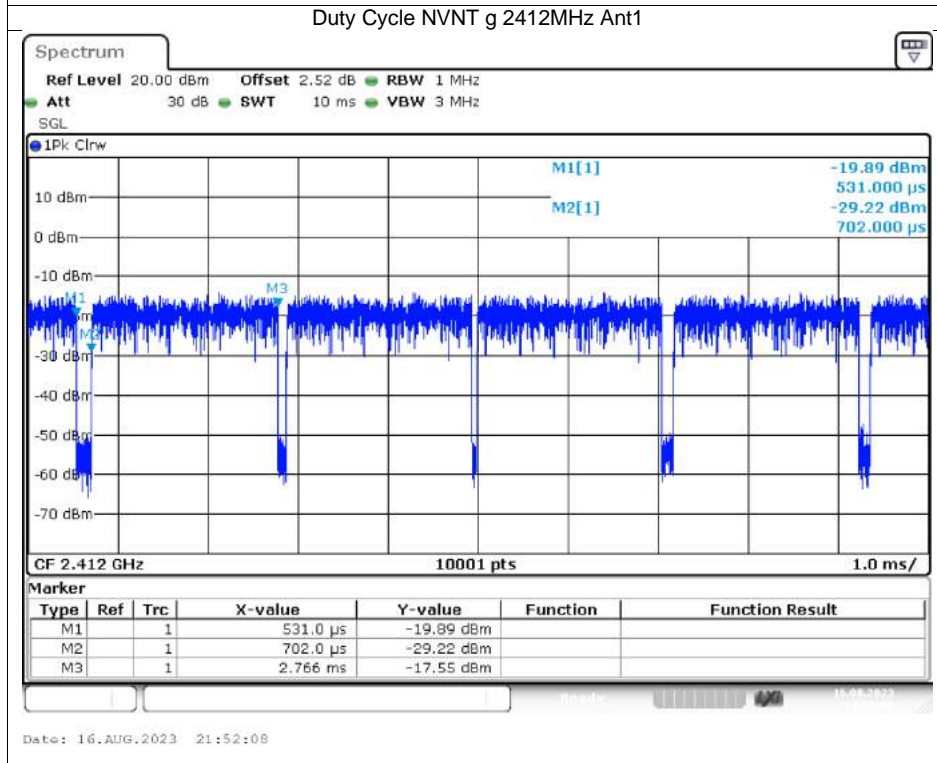
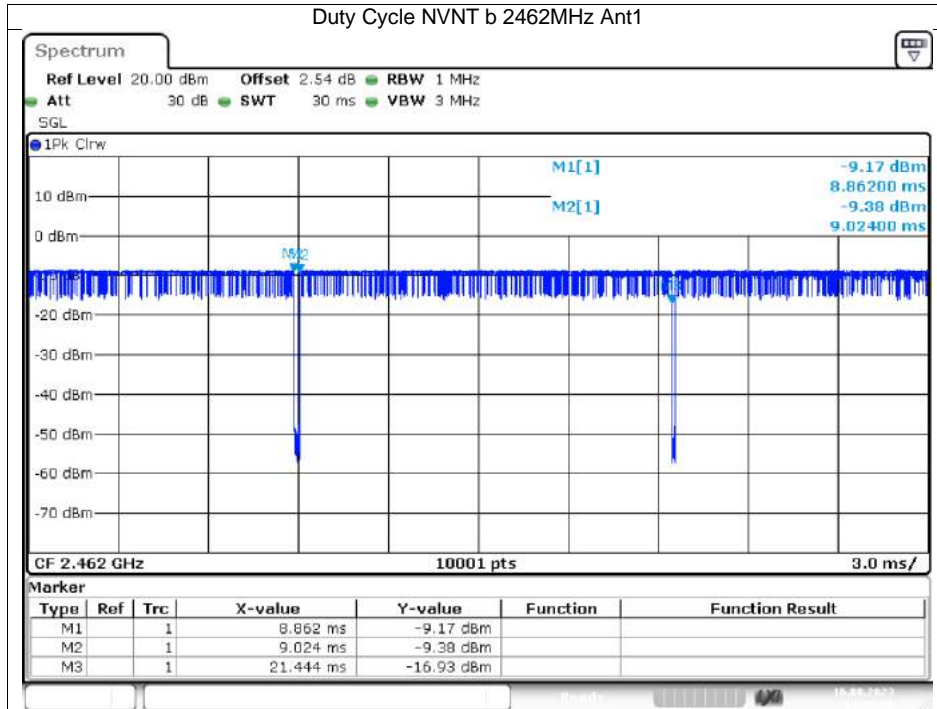
Revision History

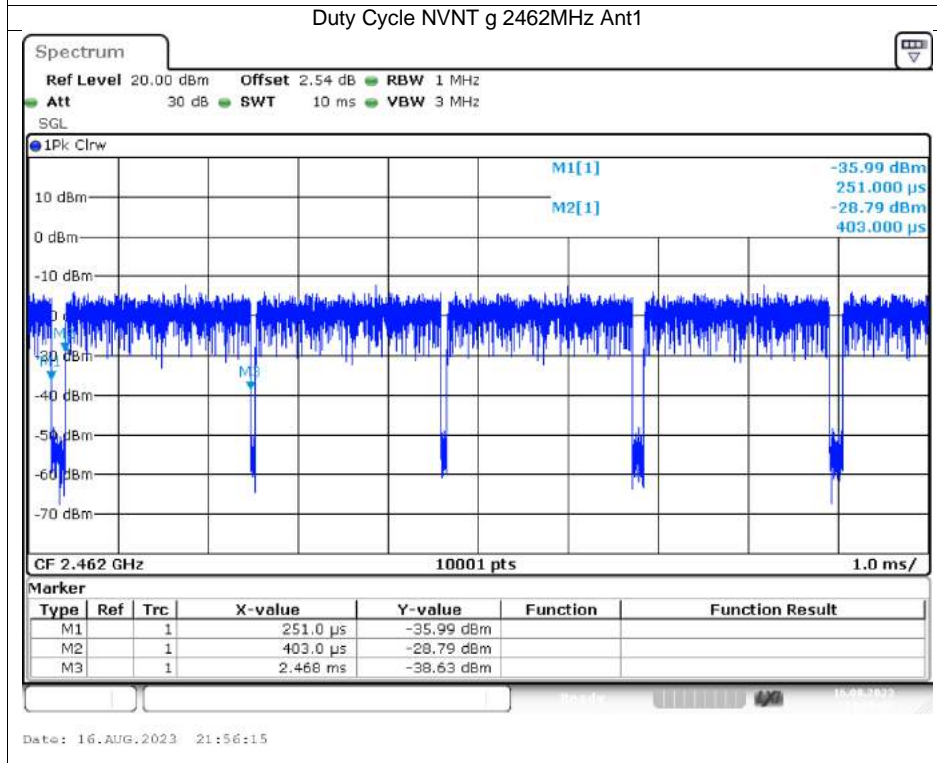
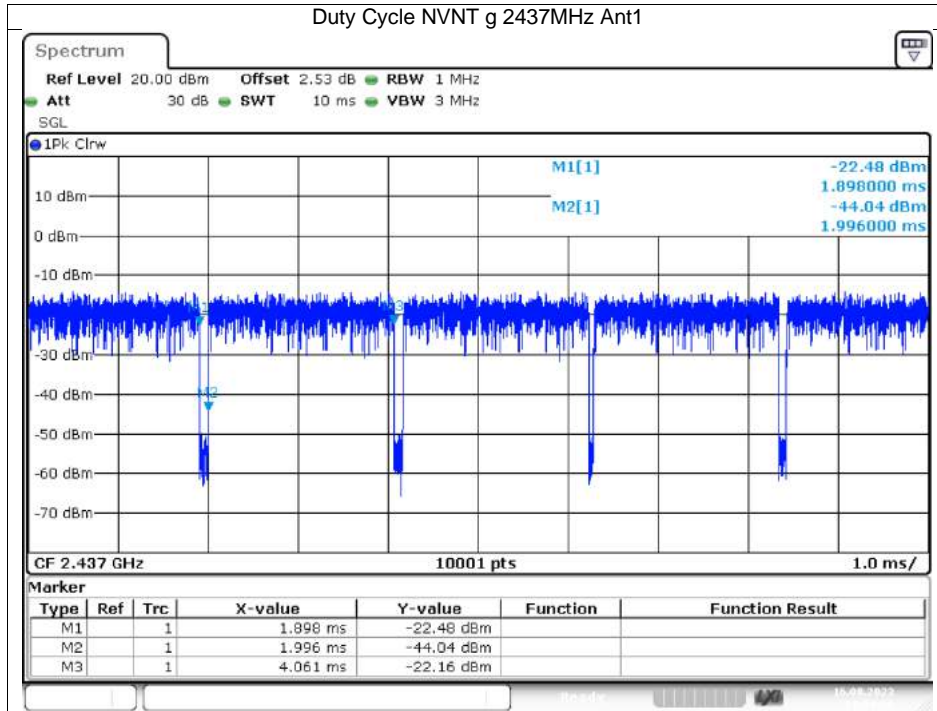
<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
<u>V0</u>	<u>September 1, 2023</u>	<u>Initial Issue</u>	<u>Jok Yang</u>

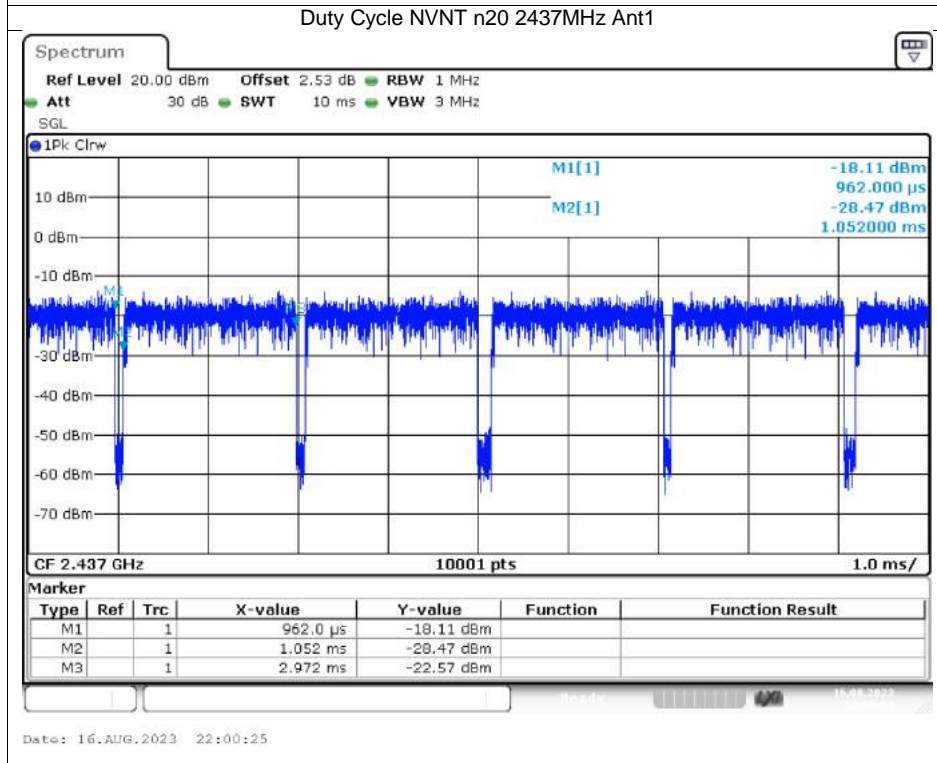
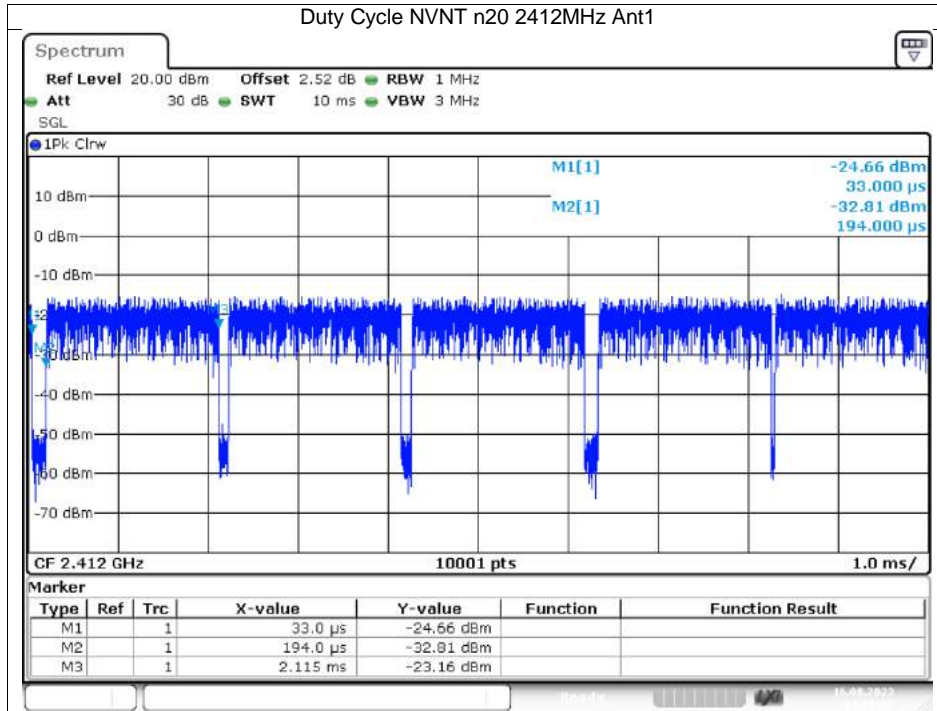
Appendix A Duty Cycle

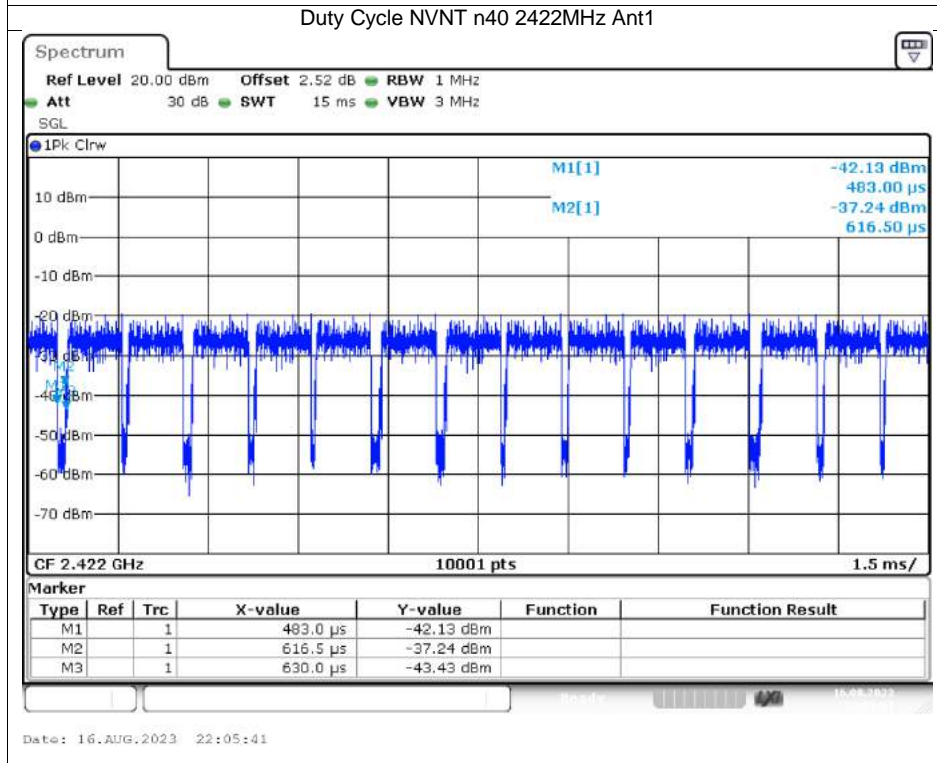
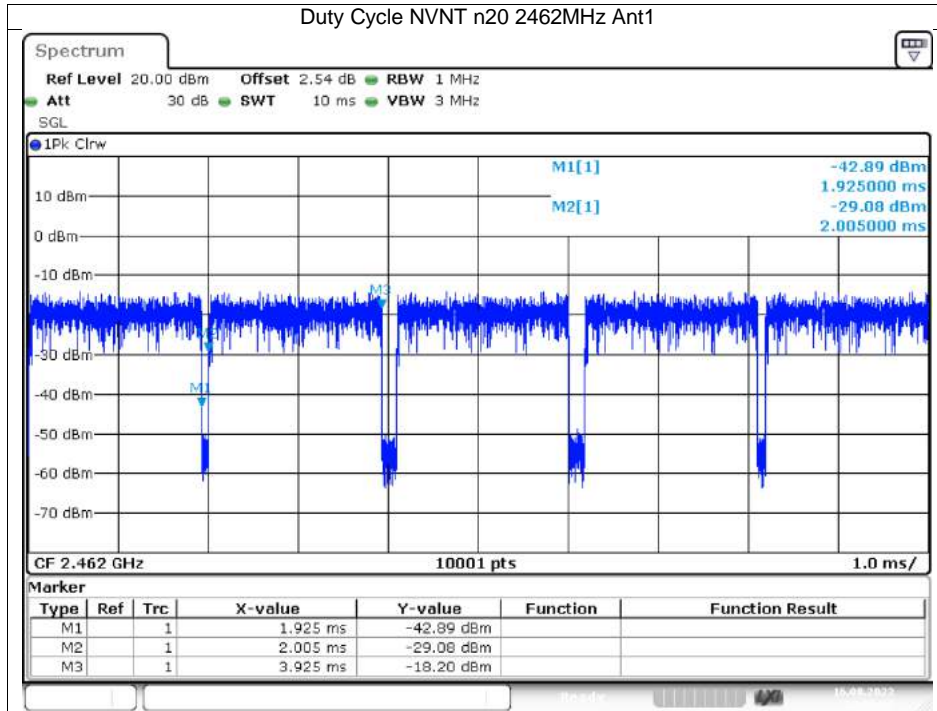
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.64	0	0.08
NVNT	b	2437	Ant1	99.09	0	0.08
NVNT	b	2462	Ant1	98.71	0	0.08
NVNT	g	2412	Ant1	92.35	0.35	0.48
NVNT	g	2437	Ant1	95.47	0.2	0.48
NVNT	g	2462	Ant1	93.14	0.31	0.48
NVNT	n20	2412	Ant1	92.27	0.35	0.52
NVNT	n20	2437	Ant1	95.52	0.2	0.52
NVNT	n20	2462	Ant1	96	0.18	0.52
NVNT	n40	2422	Ant1	93.75	0.28	1.06
NVNT	n40	2437	Ant1	88.36	0.54	1.06
NVNT	n40	2452	Ant1	93.75	0.28	1.06

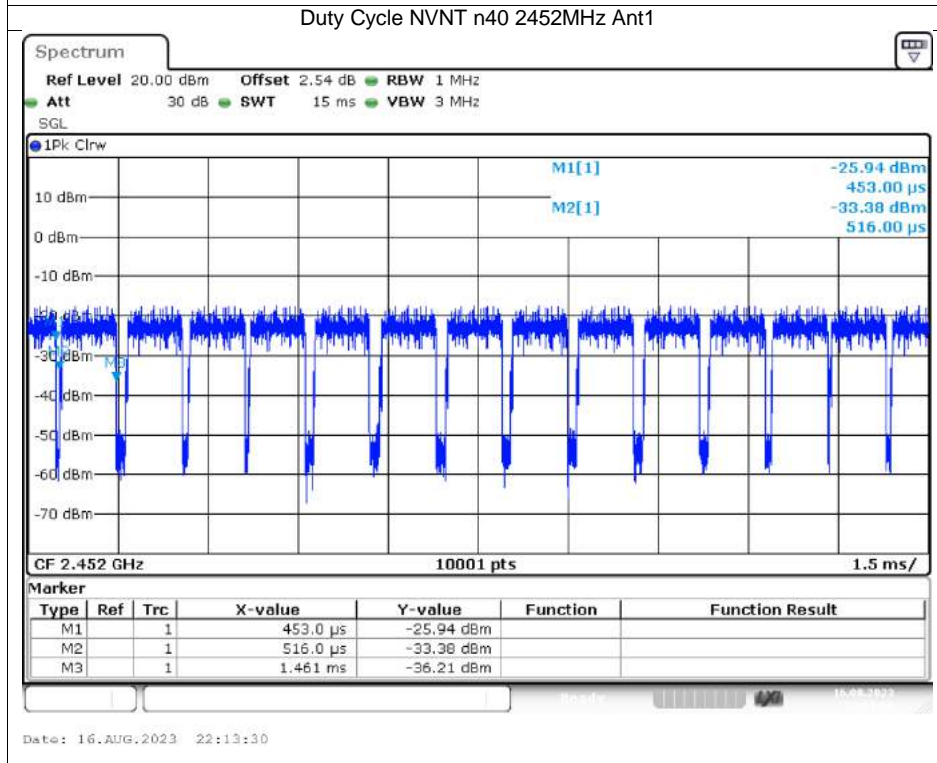
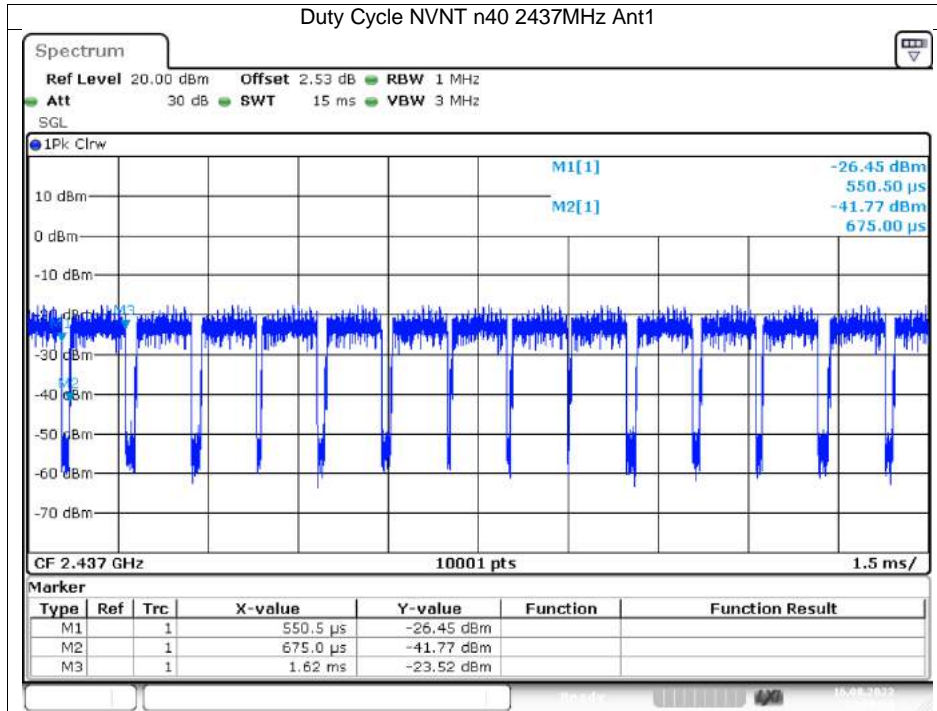










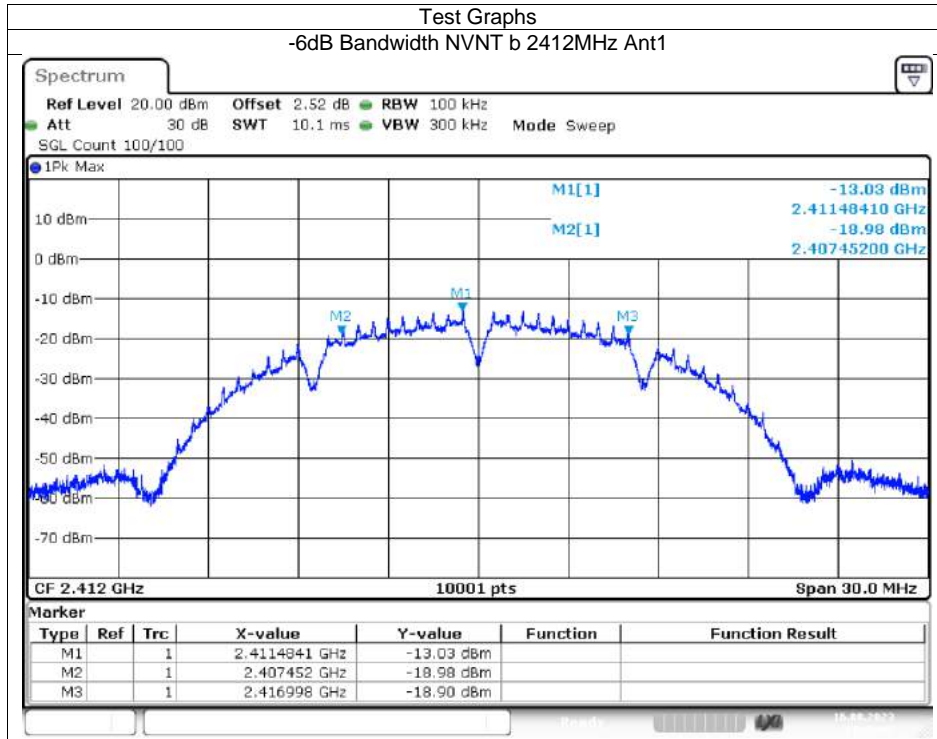


Appendix B Maximum Conducted Output Power

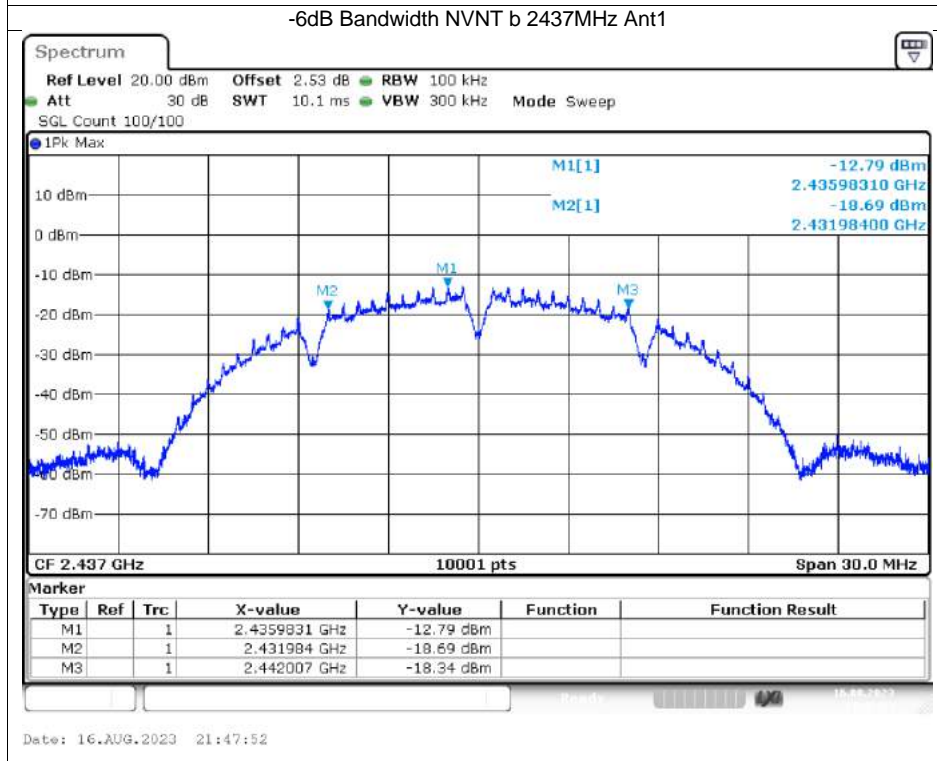
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-0.66	30	Pass
NVNT	b	2437	Ant1	-0.34	30	Pass
NVNT	b	2462	Ant1	-0.39	30	Pass
NVNT	g	2412	Ant1	-1.87	30	Pass
NVNT	g	2437	Ant1	-1.42	30	Pass
NVNT	g	2462	Ant1	-1.32	30	Pass
NVNT	n20	2412	Ant1	-2.24	30	Pass
NVNT	n20	2437	Ant1	-1.74	30	Pass
NVNT	n20	2462	Ant1	-1.6	30	Pass
NVNT	n40	2422	Ant1	-2.1	30	Pass
NVNT	n40	2437	Ant1	-2.1	30	Pass
NVNT	n40	2452	Ant1	-1.97	30	Pass

Appendix C -6dB Bandwidth

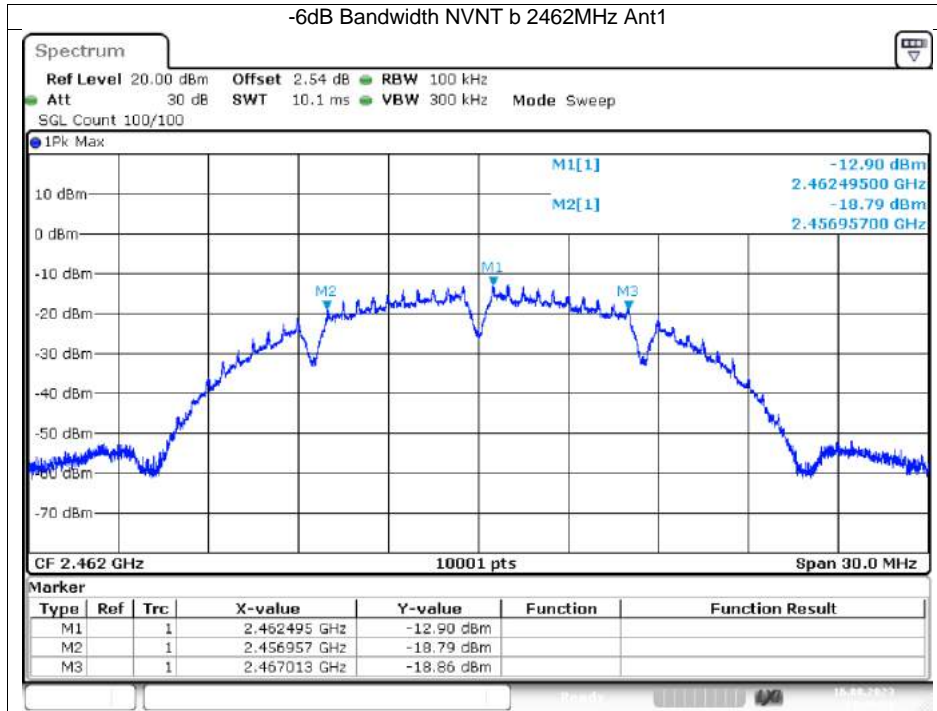
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NVNT	b	2412	Ant1	9.546	0.5	Pass
NVNT	b	2437	Ant1	10.023	0.5	Pass
NVNT	b	2462	Ant1	10.056	0.5	Pass
NVNT	g	2412	Ant1	16.338	0.5	Pass
NVNT	g	2437	Ant1	16.317	0.5	Pass
NVNT	g	2462	Ant1	16.323	0.5	Pass
NVNT	n20	2412	Ant1	17.55	0.5	Pass
NVNT	n20	2437	Ant1	17.556	0.5	Pass
NVNT	n20	2462	Ant1	17.547	0.5	Pass
NVNT	n40	2422	Ant1	35.268	0.5	Pass
NVNT	n40	2437	Ant1	35.112	0.5	Pass
NVNT	n40	2452	Ant1	35.328	0.5	Pass



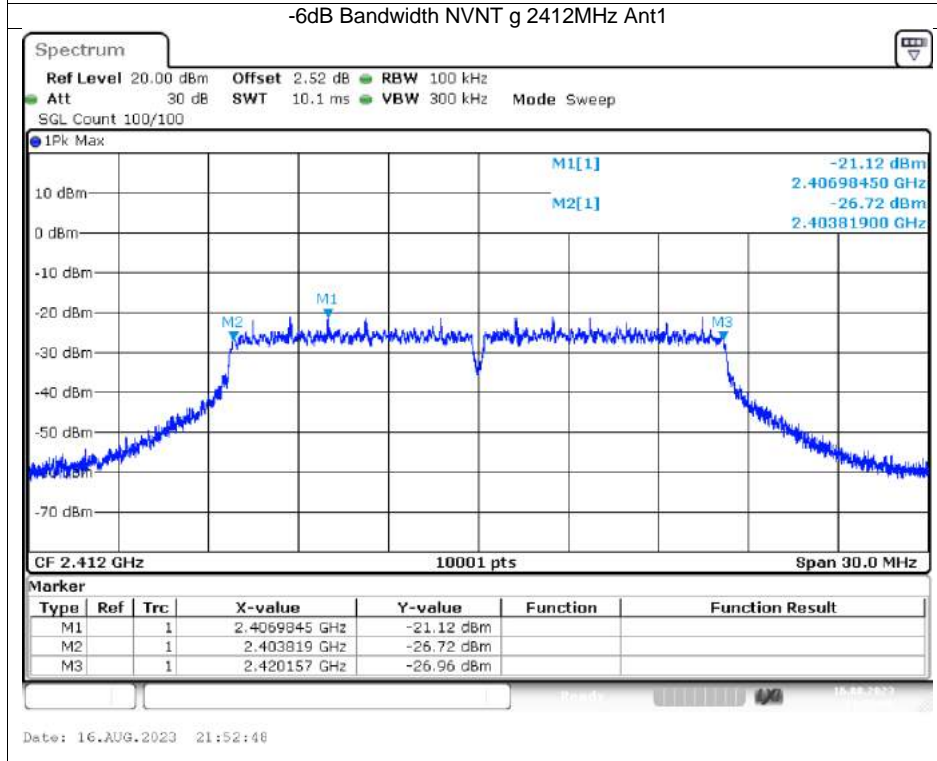
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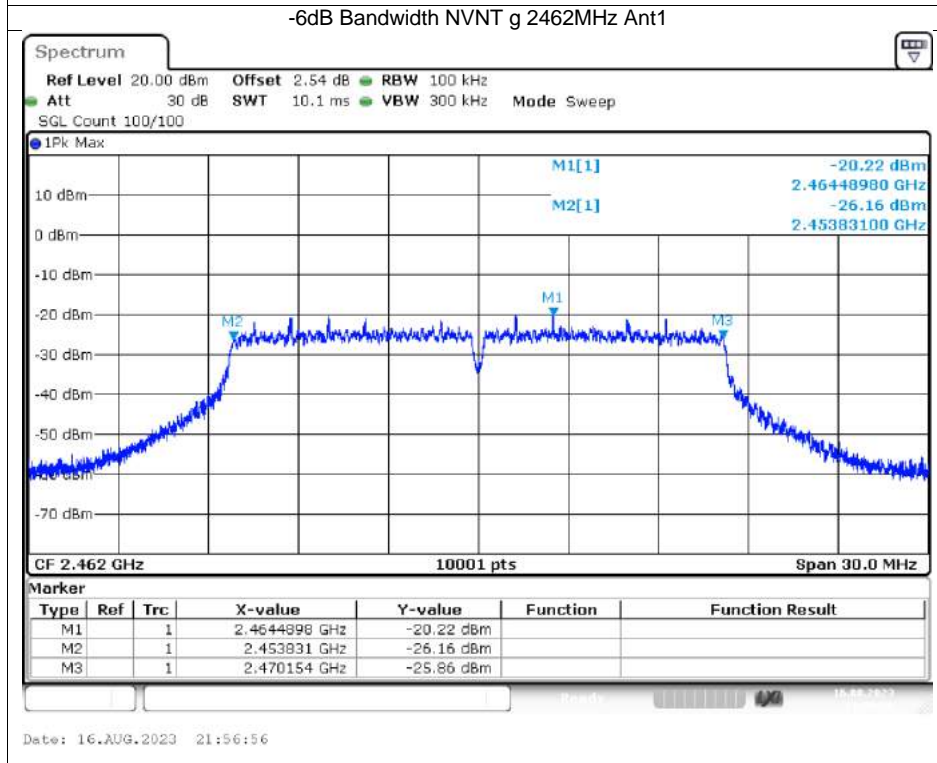
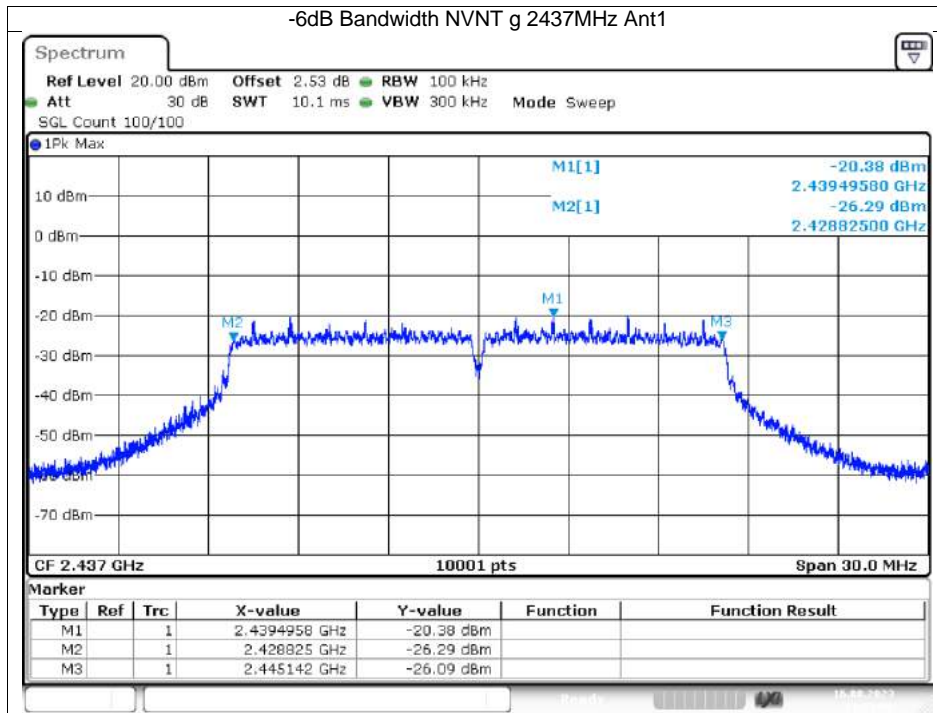
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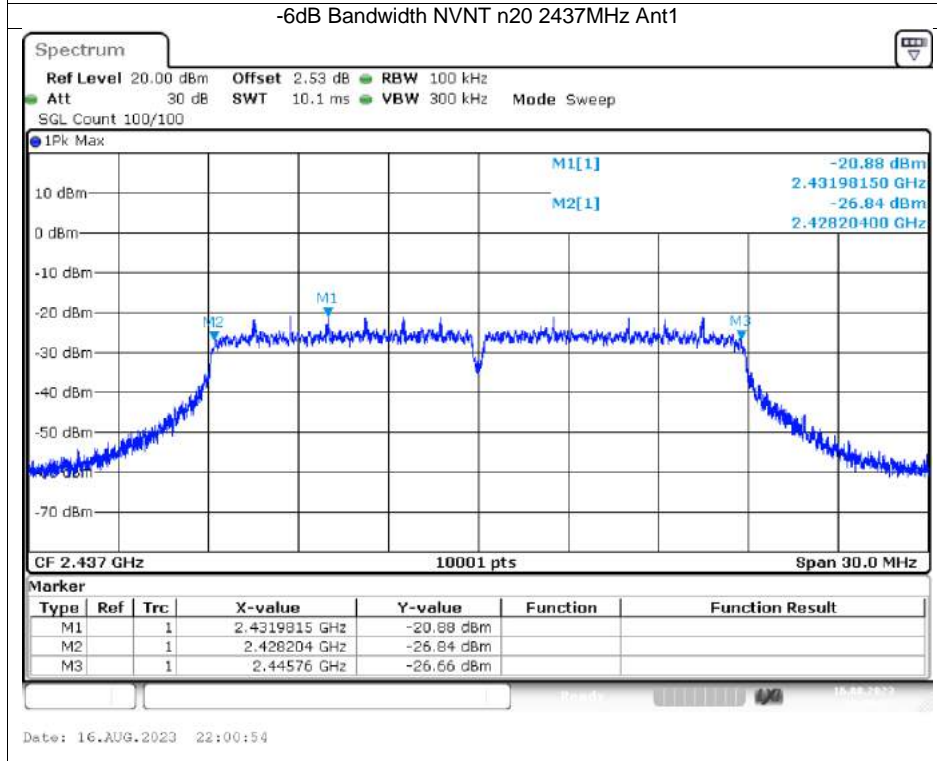
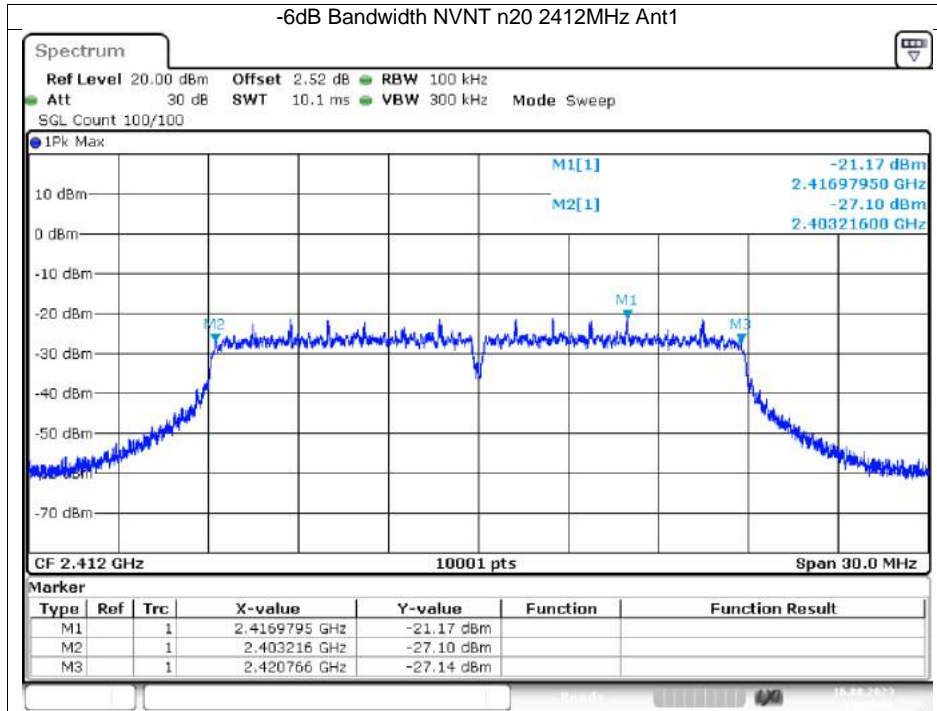


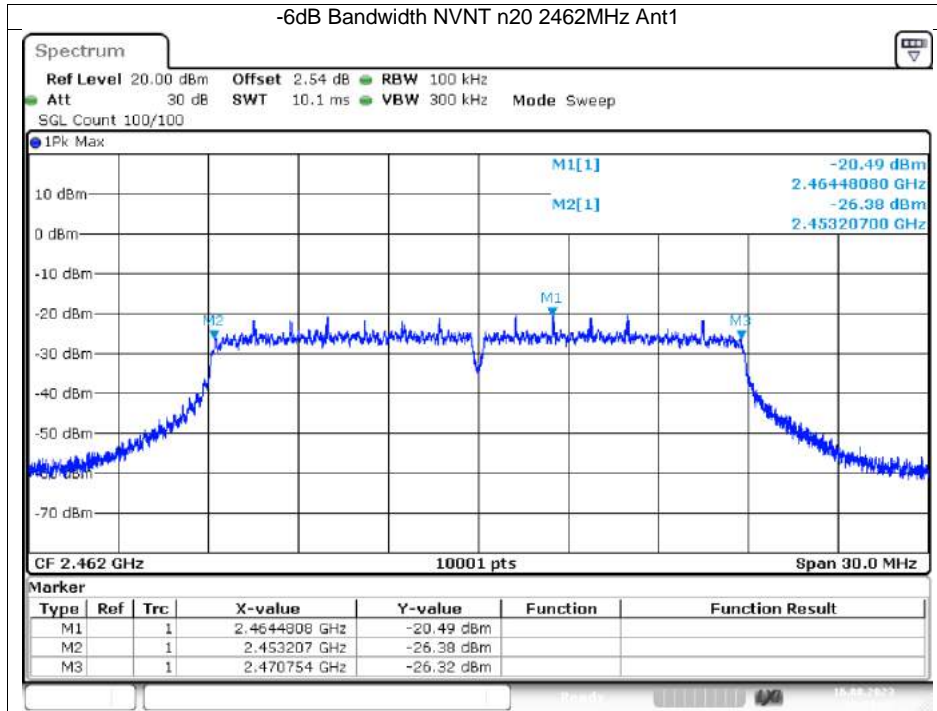
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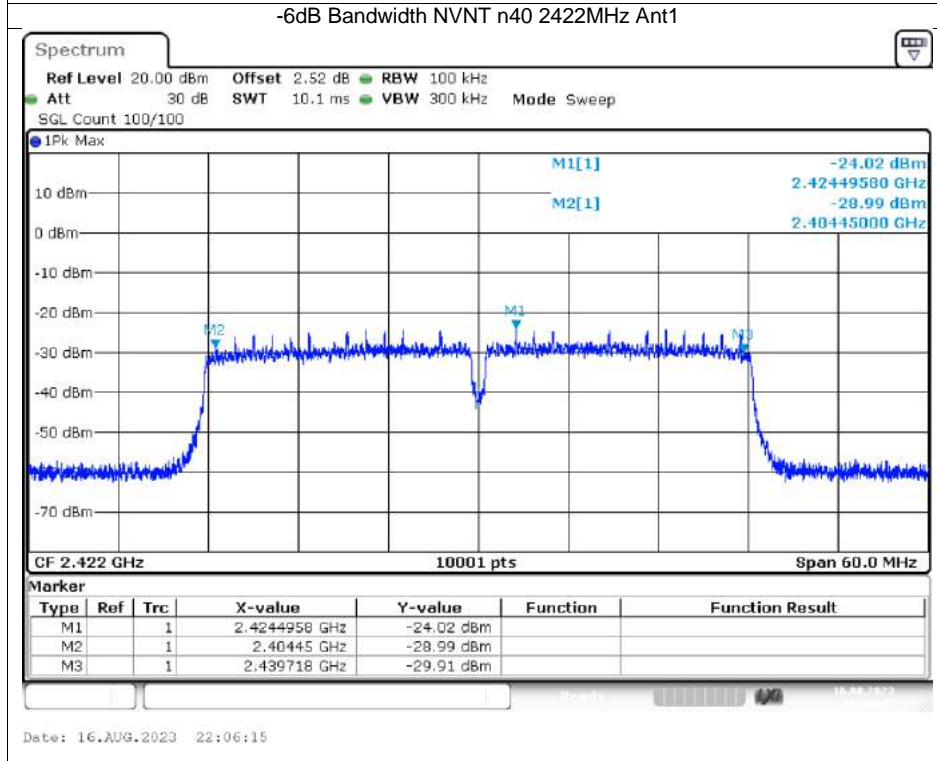
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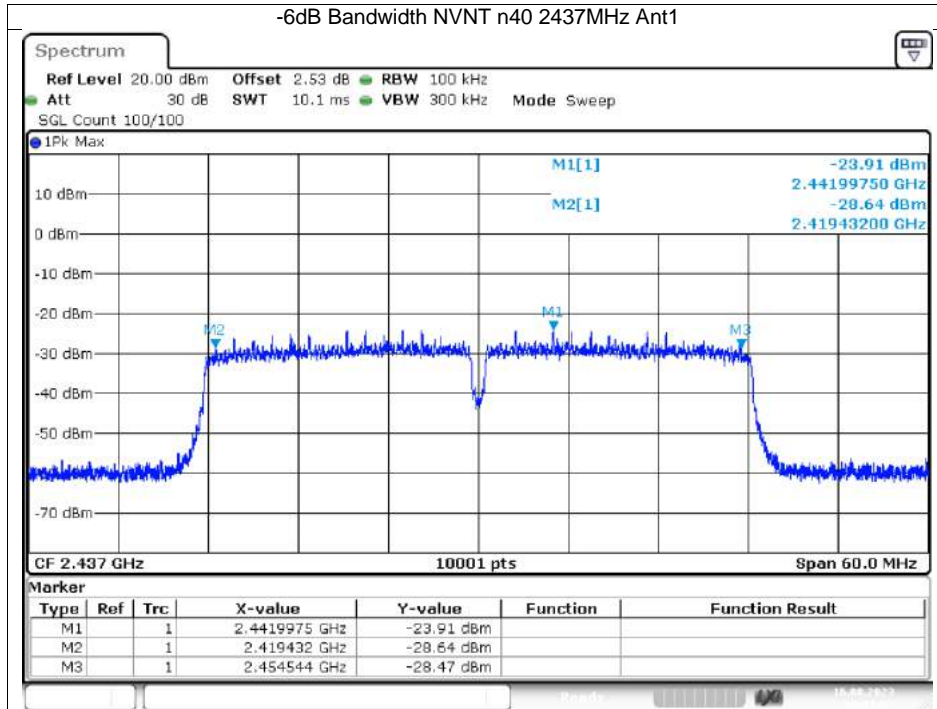




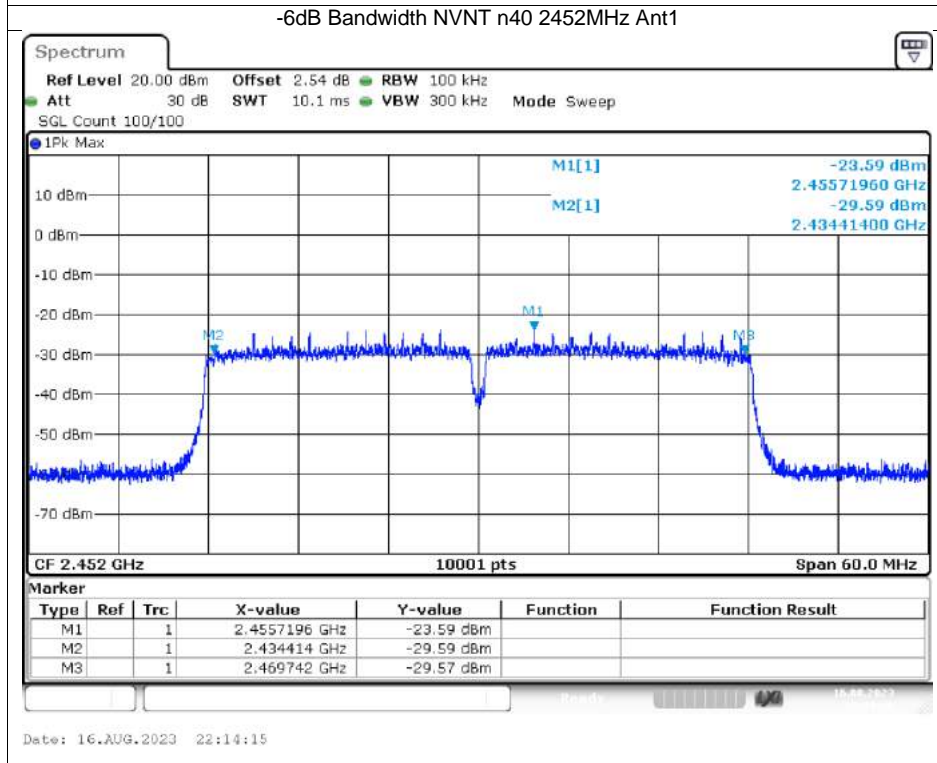
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Date: 16.AUG.2023 22:06:15



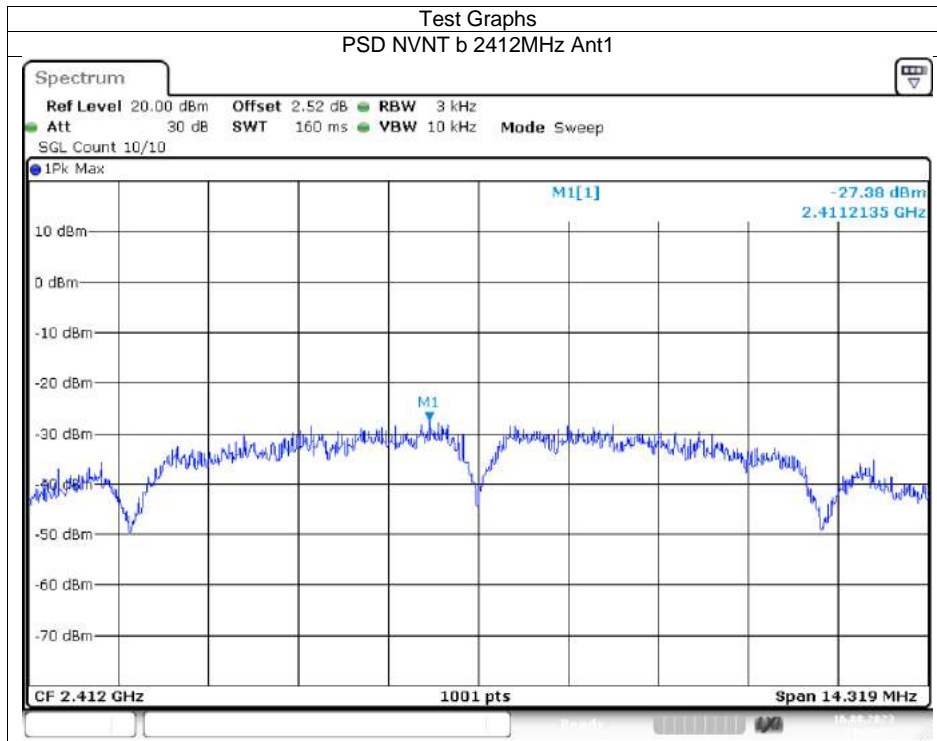
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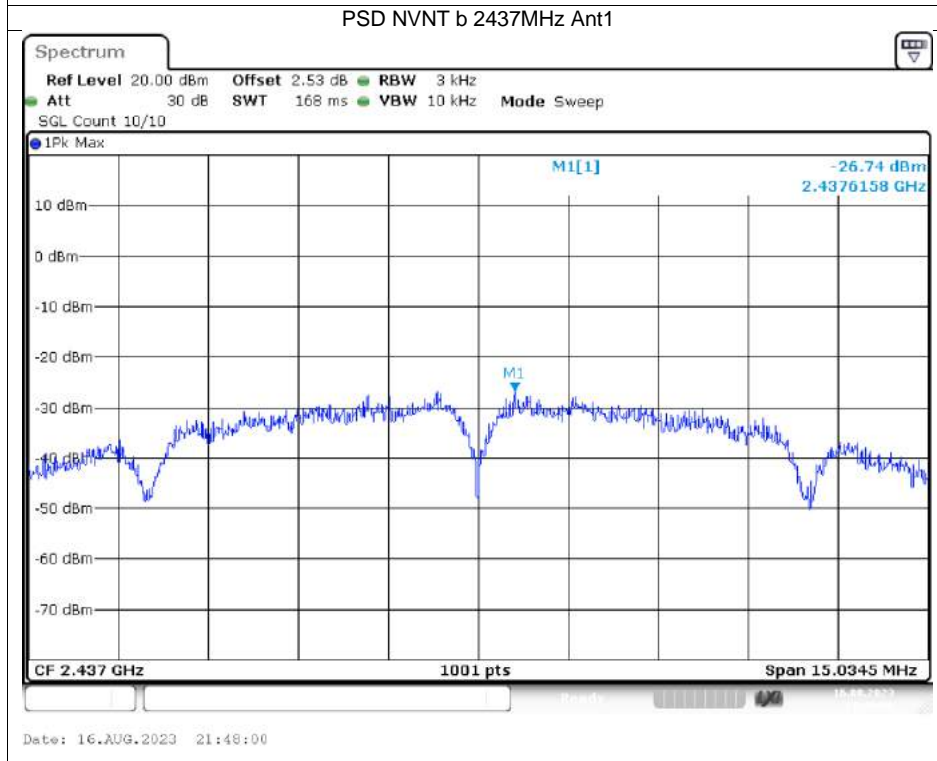
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Appendix D Maximum Power Spectral Density Level

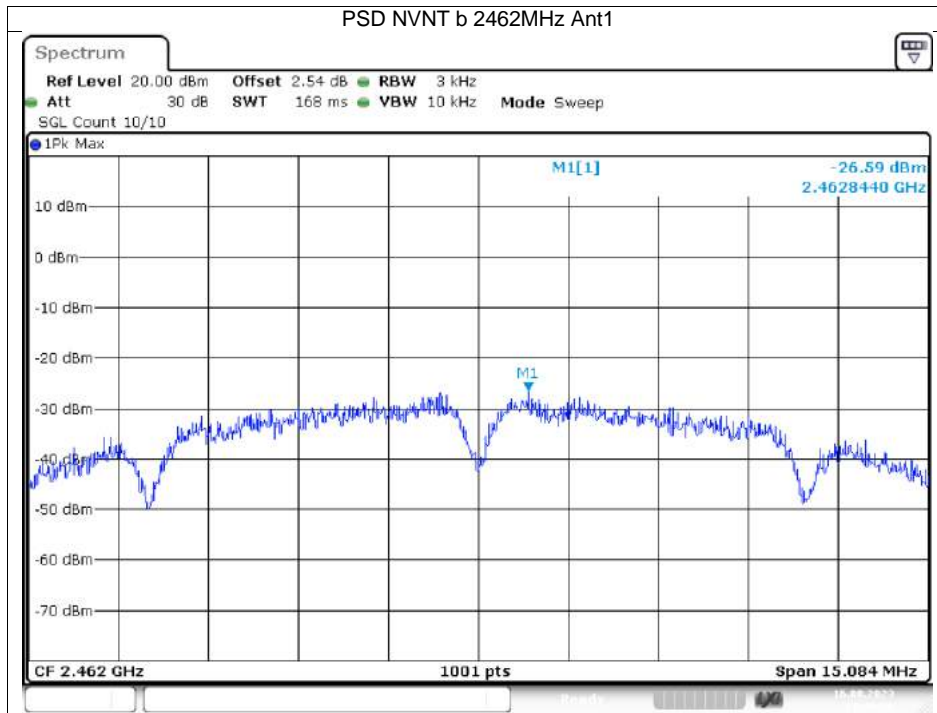
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-27.38	8	Pass
NVNT	b	2437	Ant1	-26.74	8	Pass
NVNT	b	2462	Ant1	-26.59	8	Pass
NVNT	g	2412	Ant1	-34.6	8	Pass
NVNT	g	2437	Ant1	-33.57	8	Pass
NVNT	g	2462	Ant1	-34.34	8	Pass
NVNT	n20	2412	Ant1	-35.08	8	Pass
NVNT	n20	2437	Ant1	-34.7	8	Pass
NVNT	n20	2462	Ant1	-35.01	8	Pass
NVNT	n40	2422	Ant1	-37.21	8	Pass
NVNT	n40	2437	Ant1	-38.01	8	Pass
NVNT	n40	2452	Ant1	-37.66	8	Pass



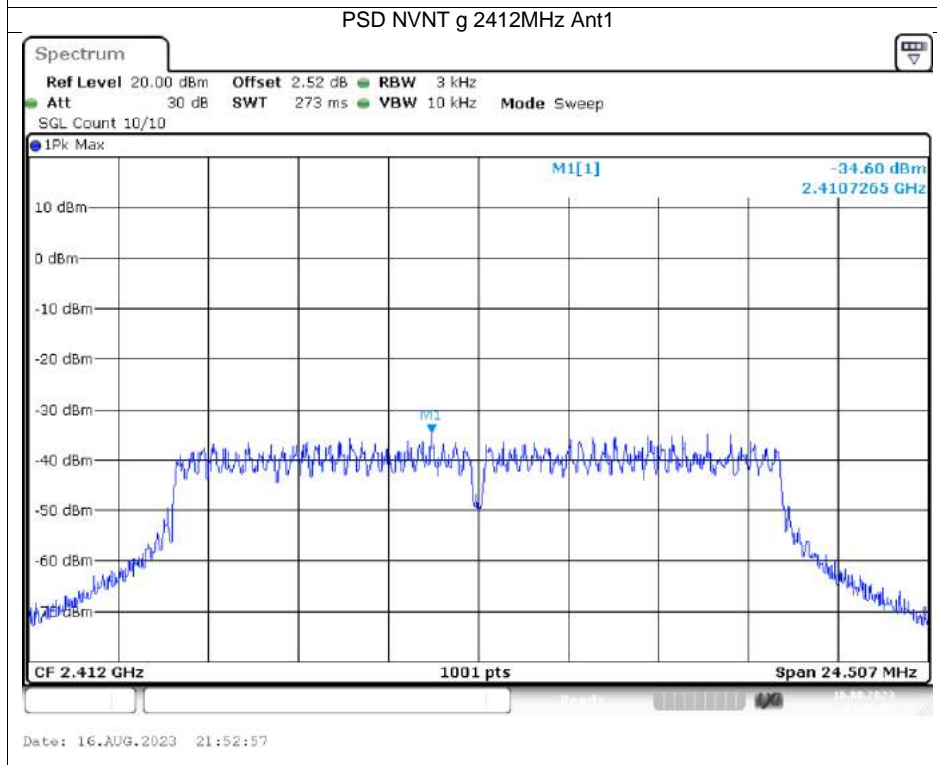
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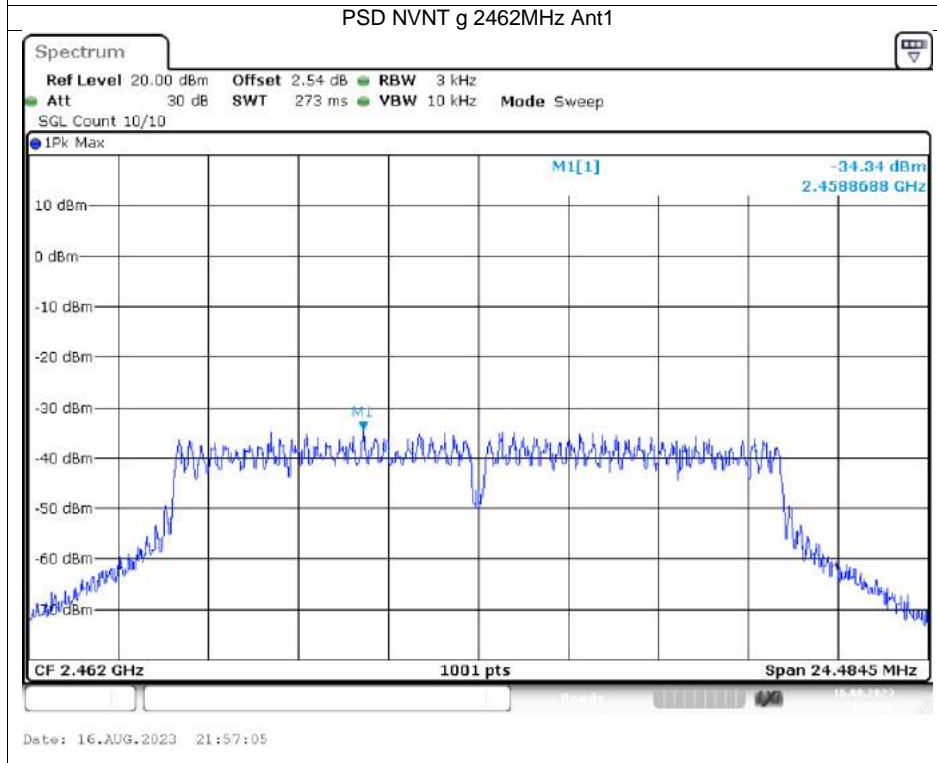
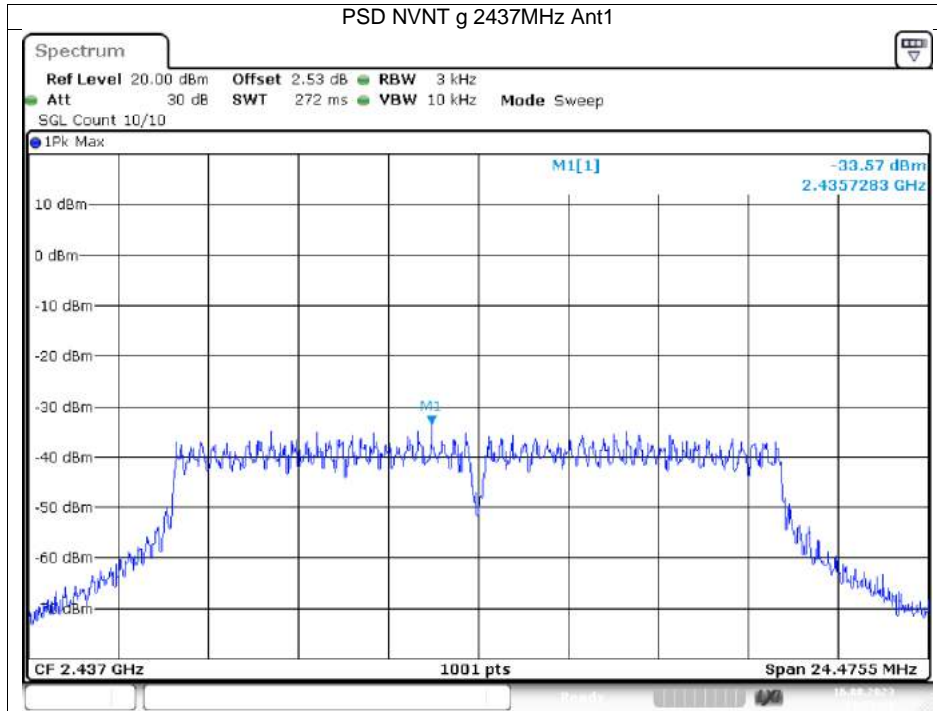
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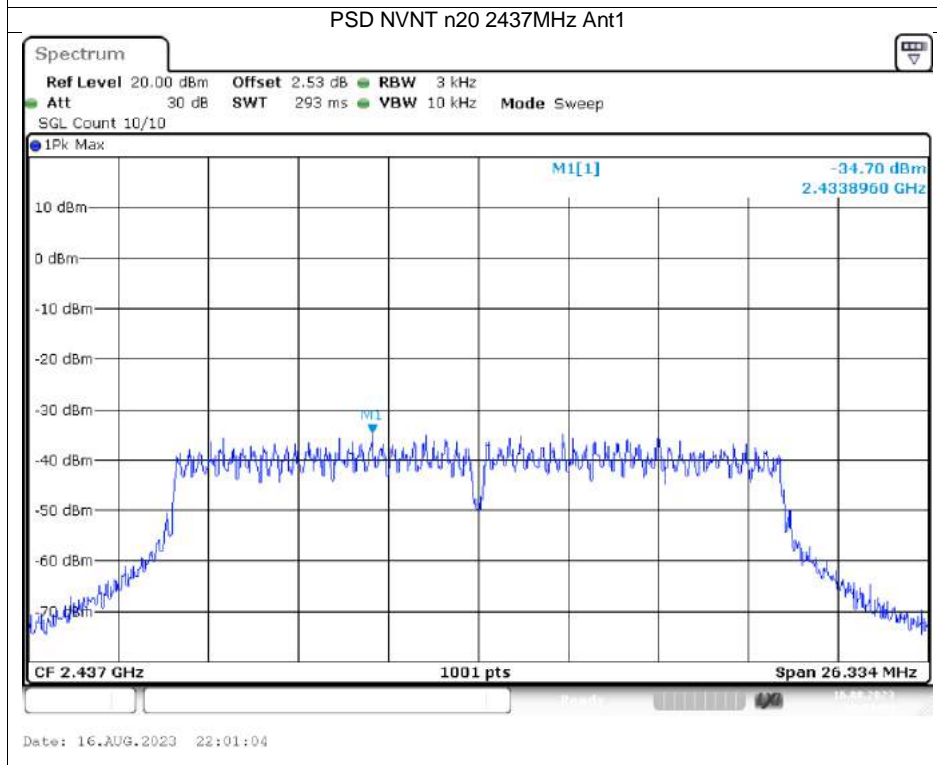
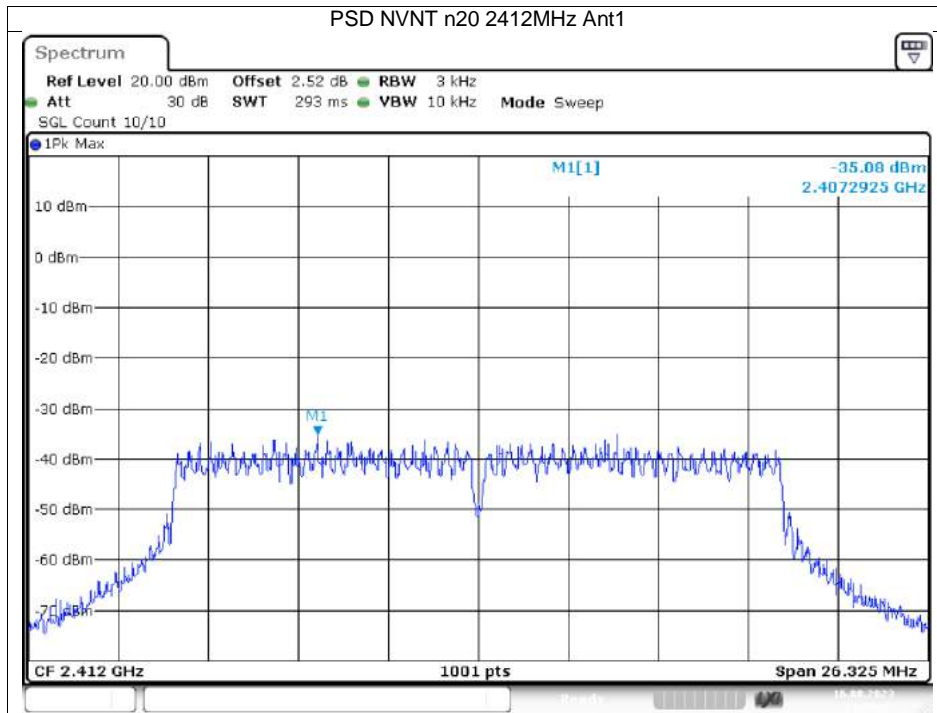


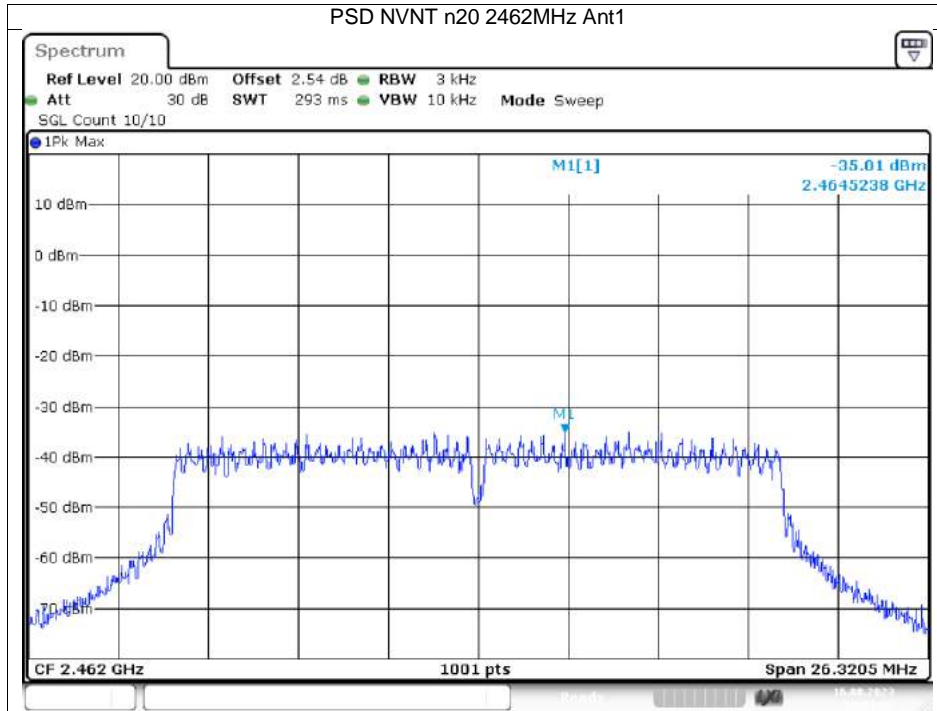
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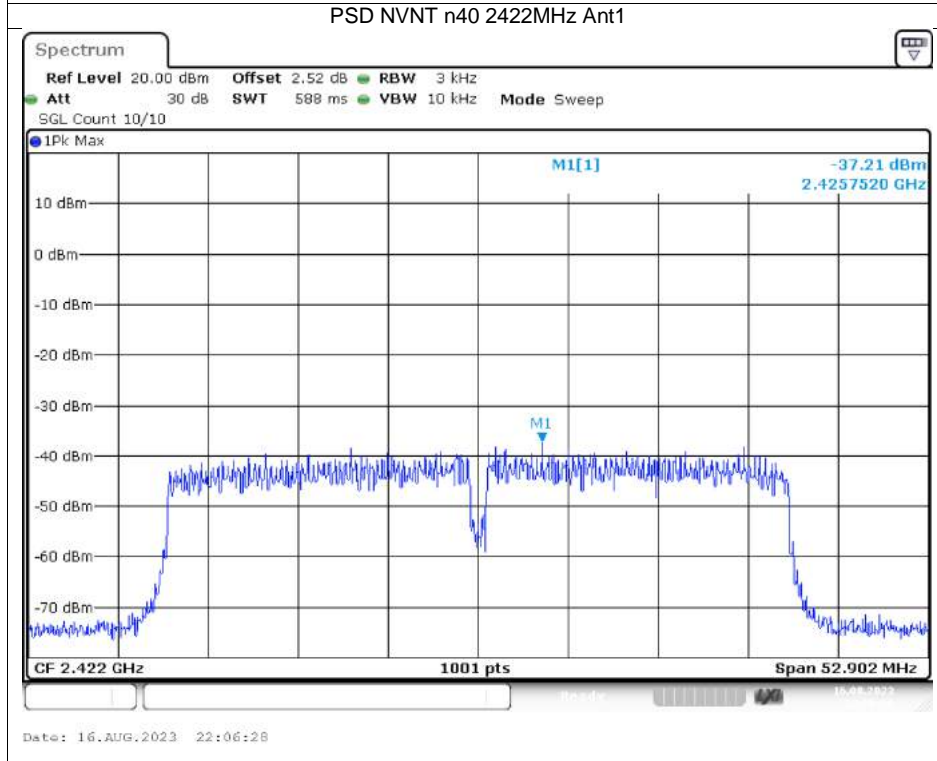
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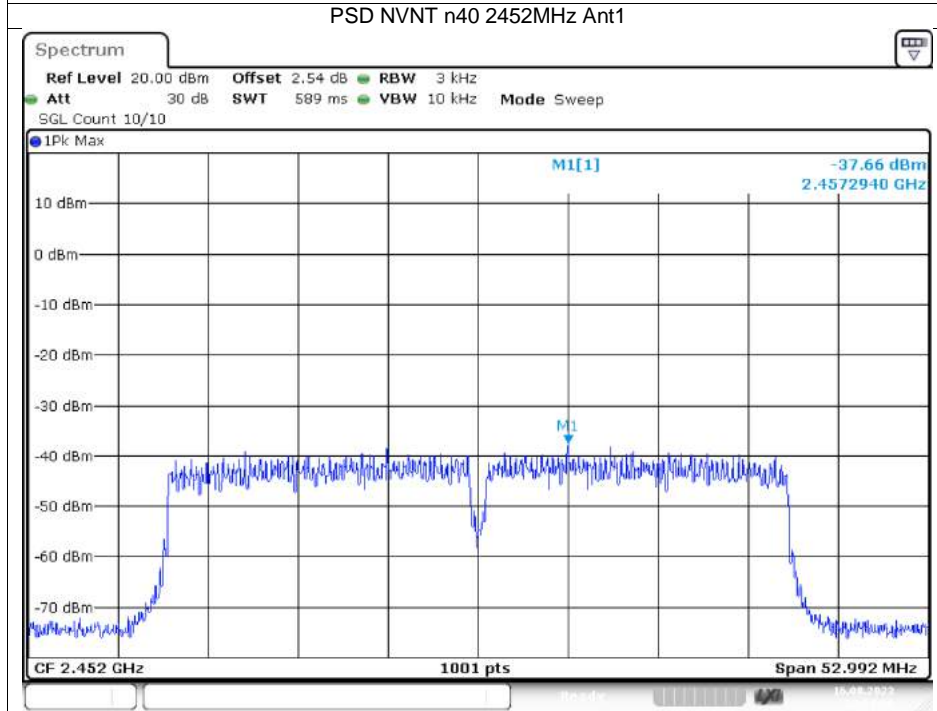
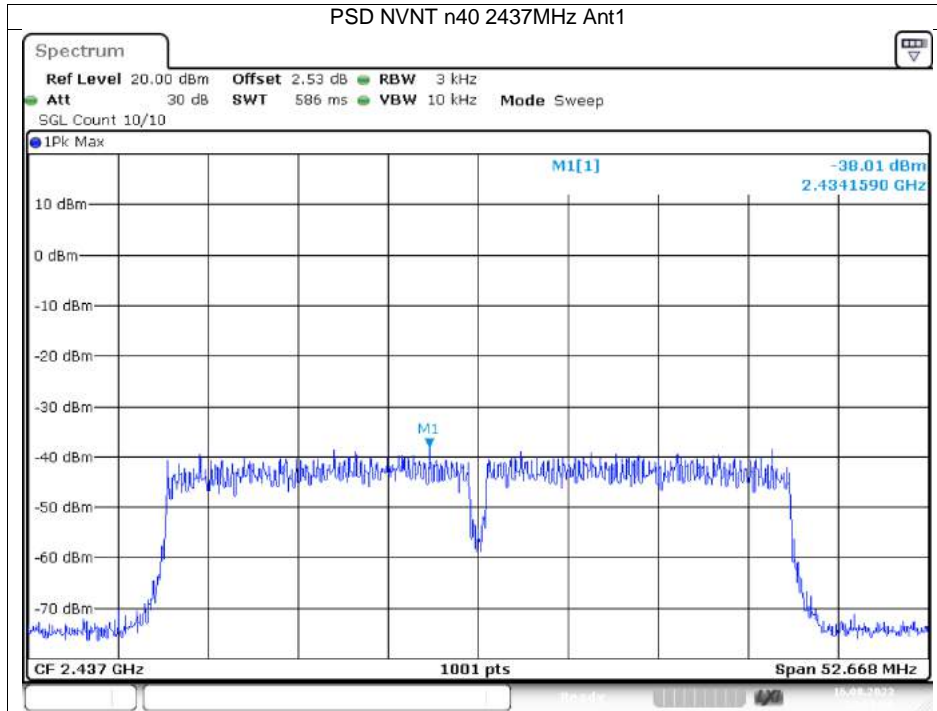




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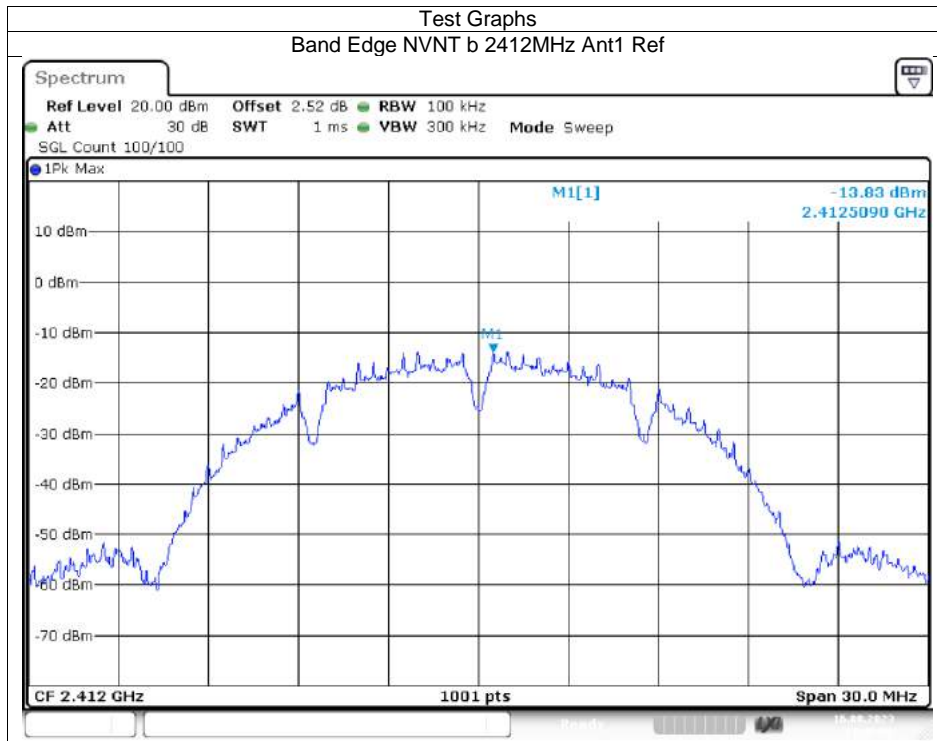


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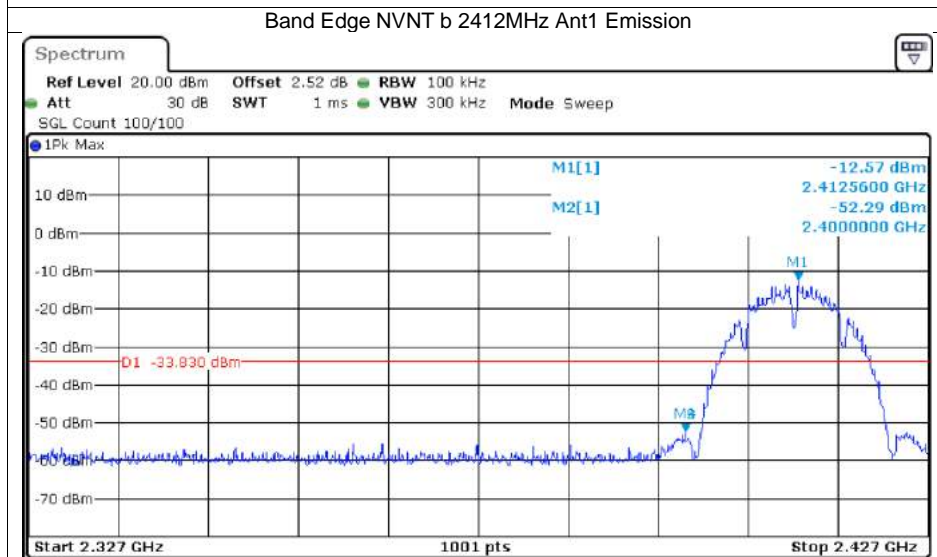


Appendix E Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-38.45	-20	Pass
NVNT	b	2462	Ant1	-43.68	-20	Pass
NVNT	g	2412	Ant1	-33.67	-20	Pass
NVNT	g	2462	Ant1	-35.72	-20	Pass
NVNT	n20	2412	Ant1	-32.42	-20	Pass
NVNT	n20	2462	Ant1	-35.59	-20	Pass
NVNT	n40	2422	Ant1	-32.48	-20	Pass
NVNT	n40	2452	Ant1	-33.08	-20	Pass



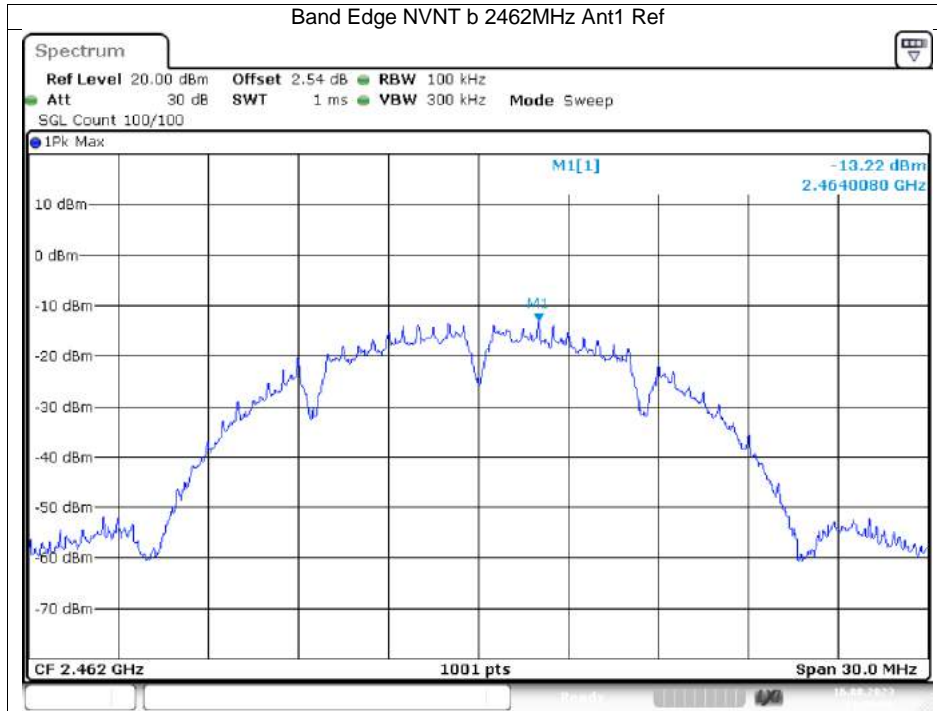
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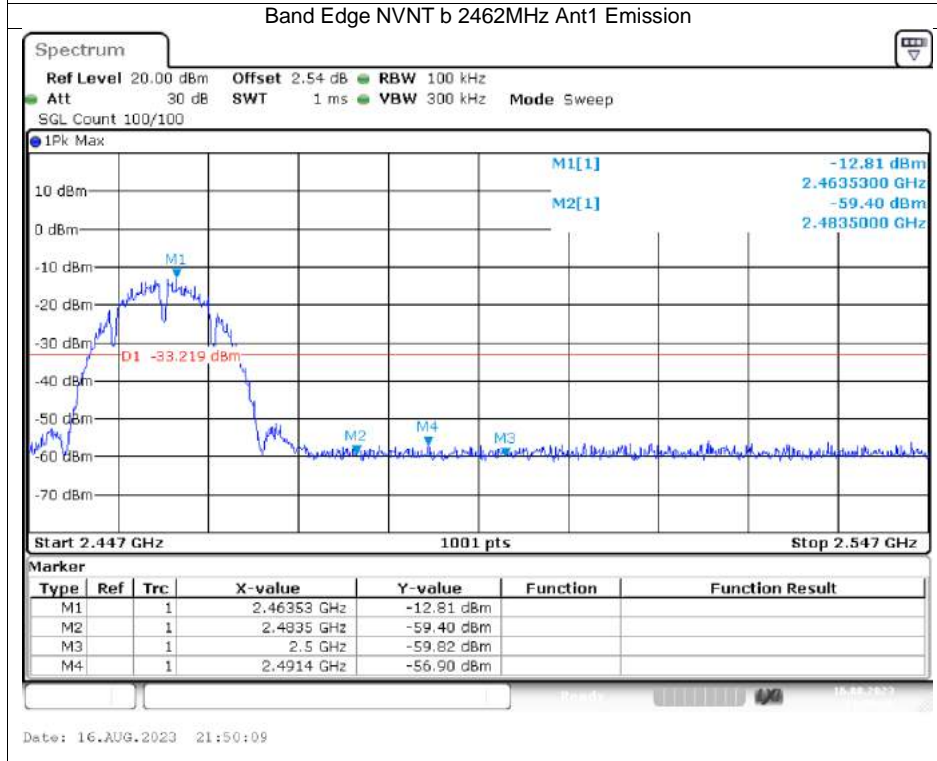
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.41256 GHz	-12.57 dBm		
M2		1	2.4 GHz	-52.29 dBm		
M3		1	2.4 GHz	-52.29 dBm		
M4		1	2.4 GHz	-52.29 dBm		

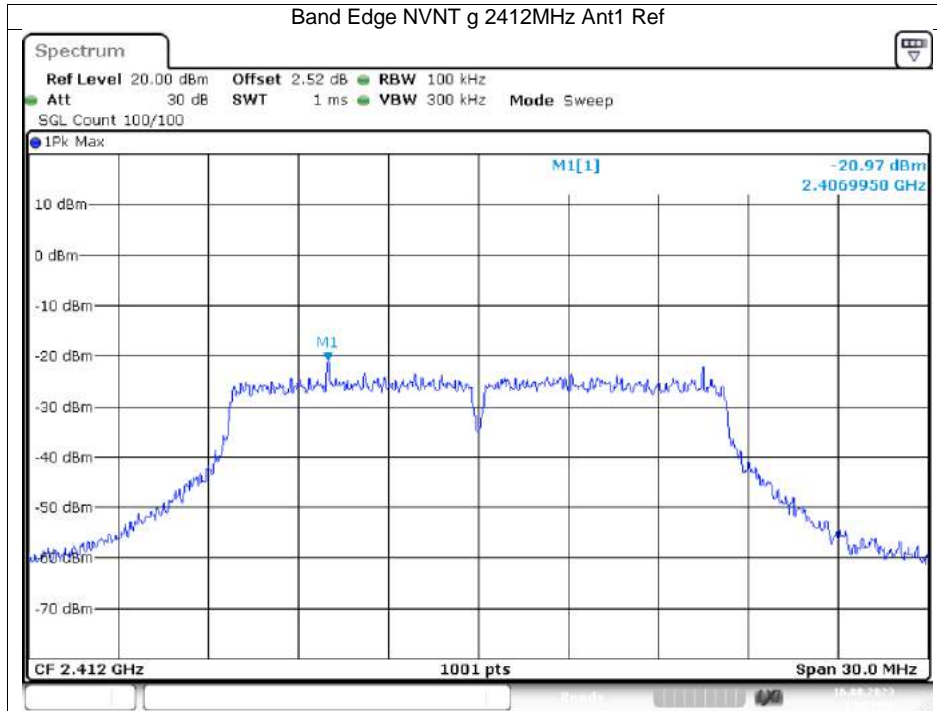
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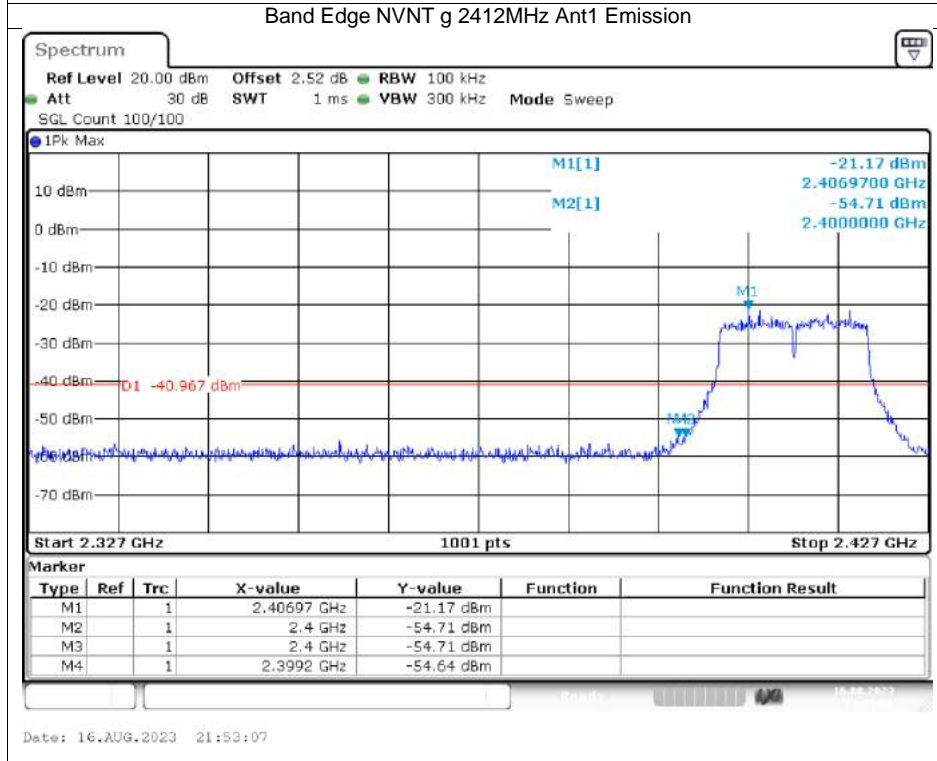
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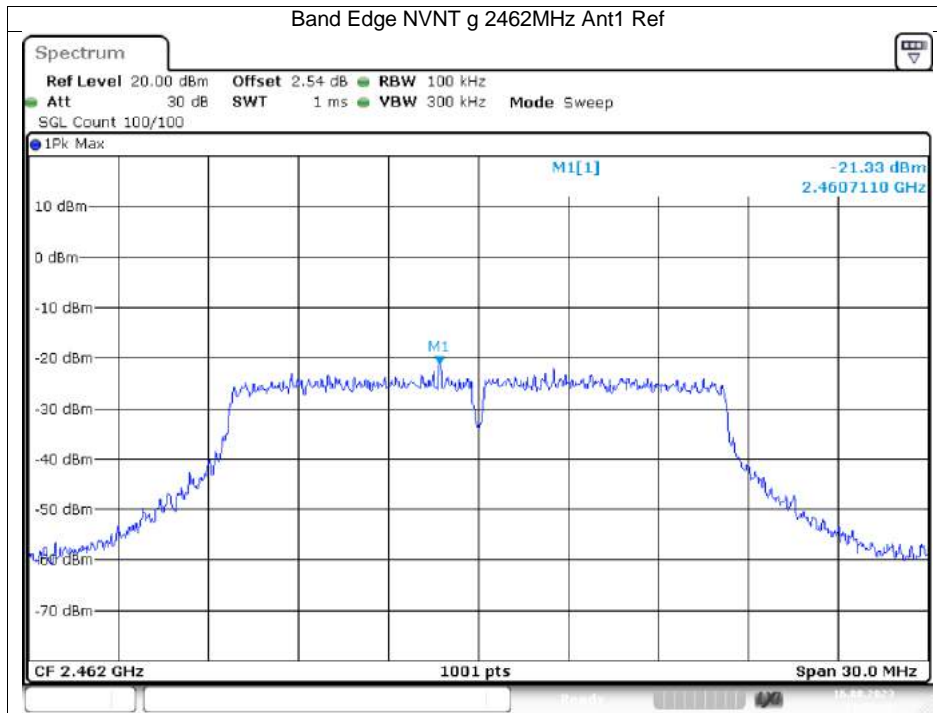


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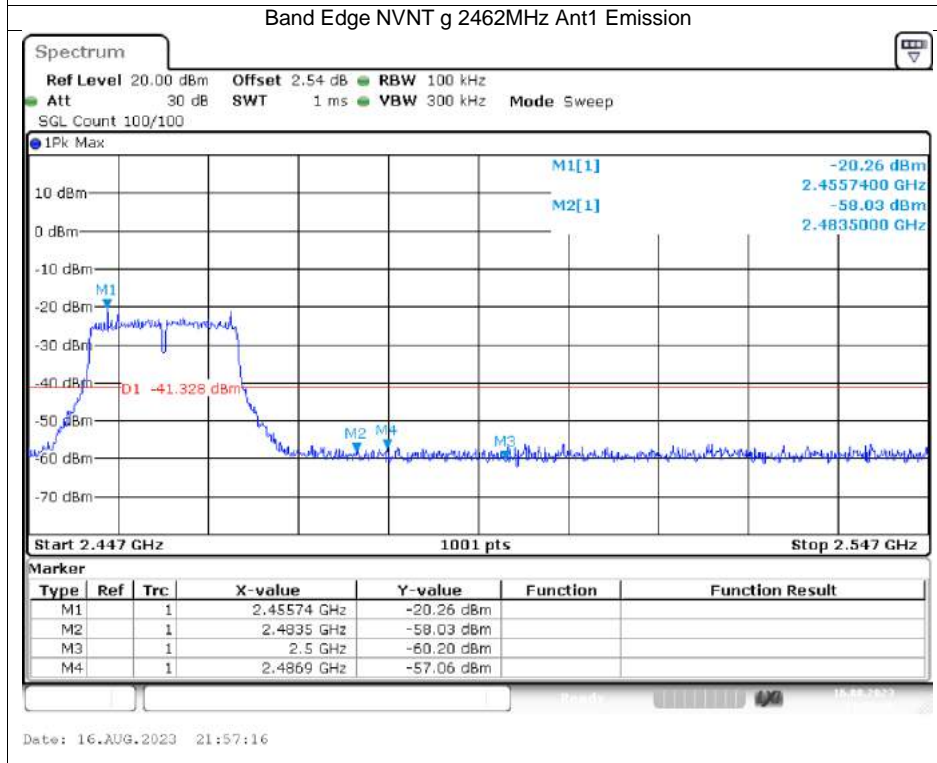


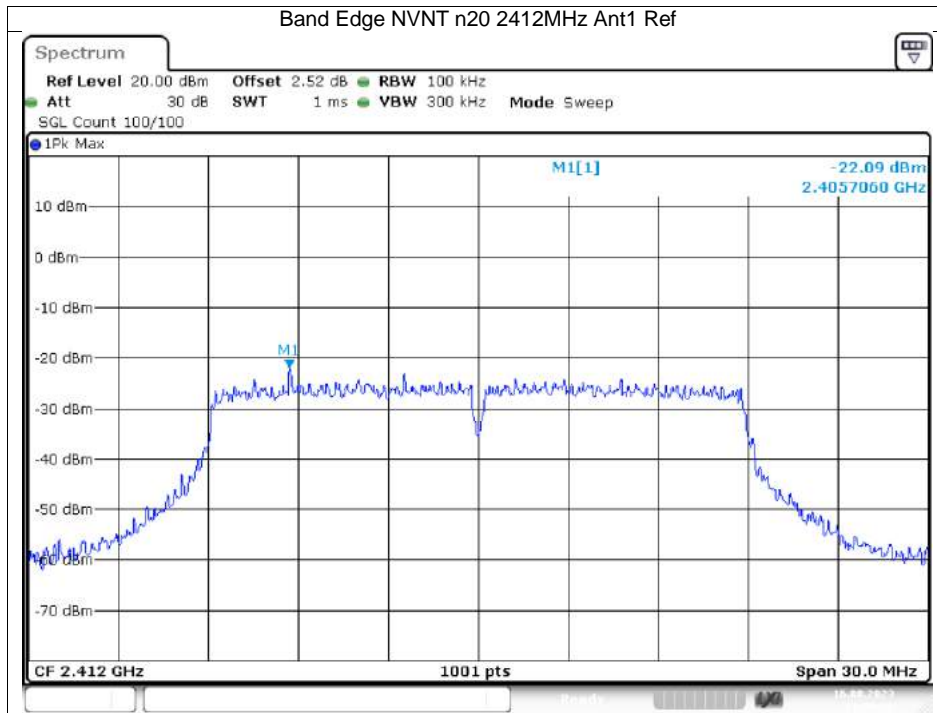
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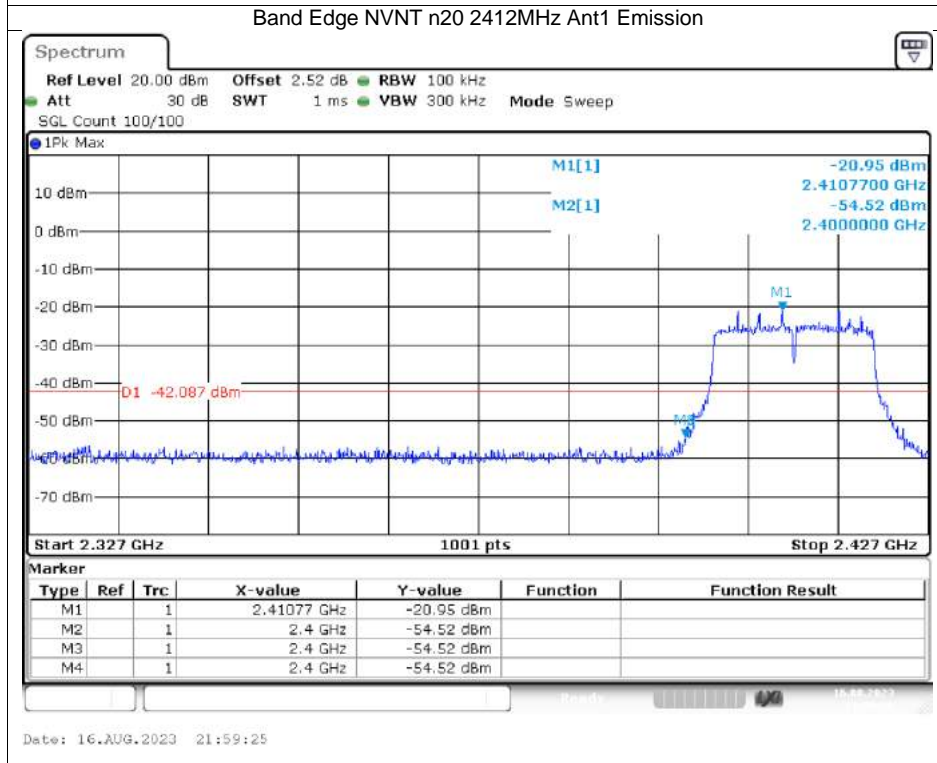


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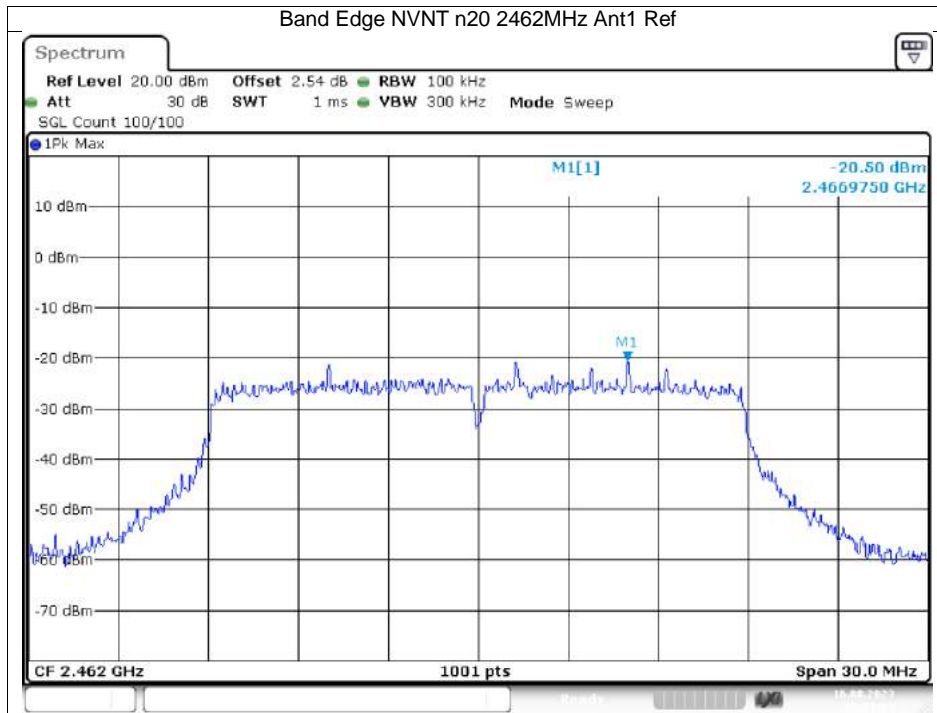




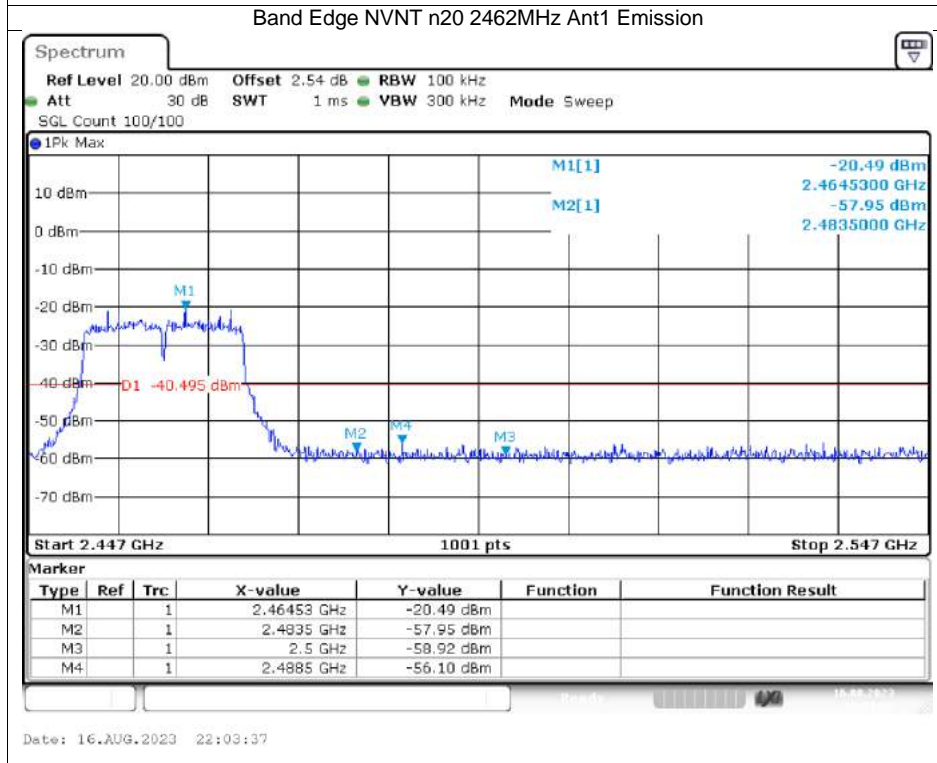
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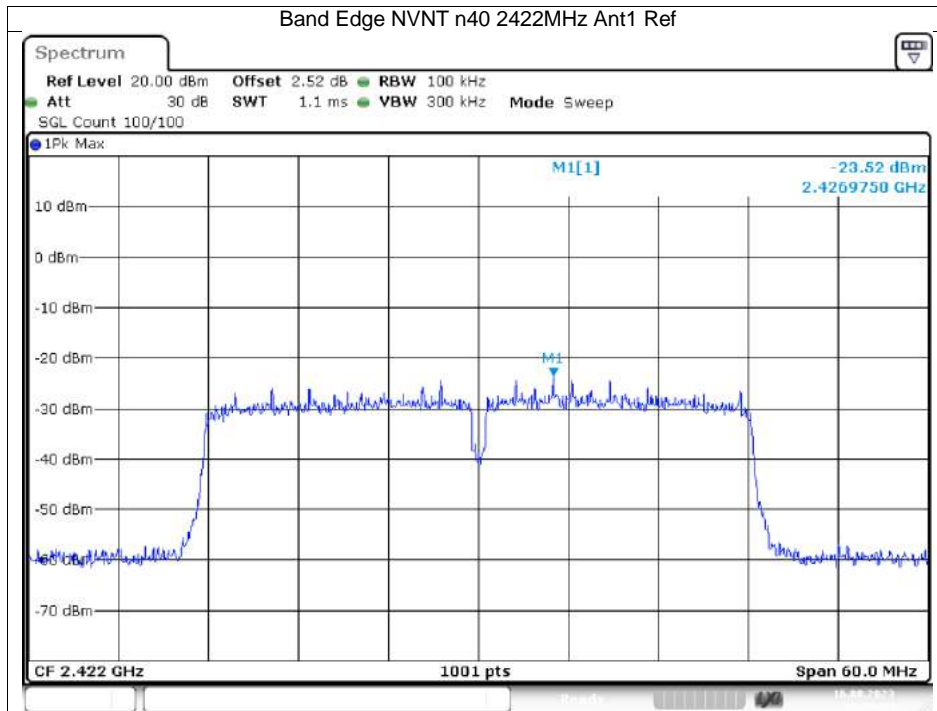


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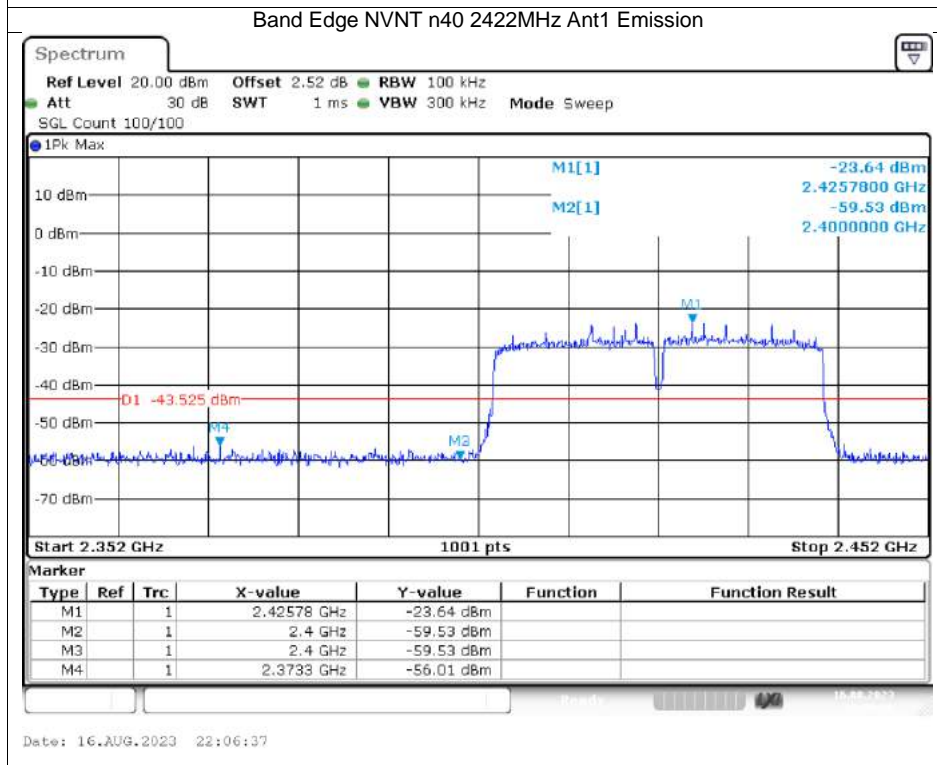


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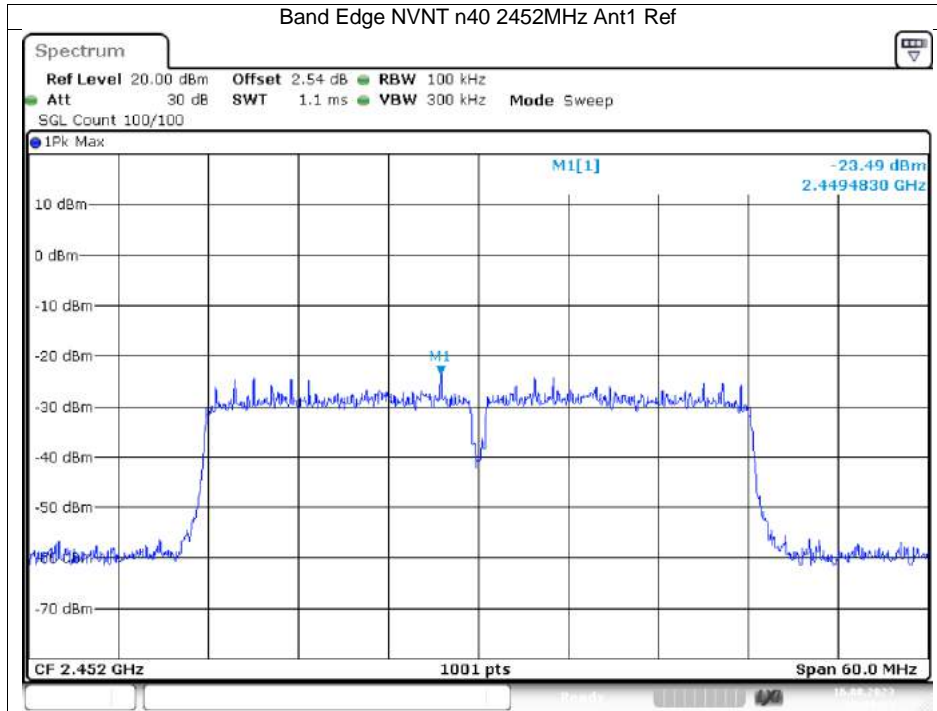




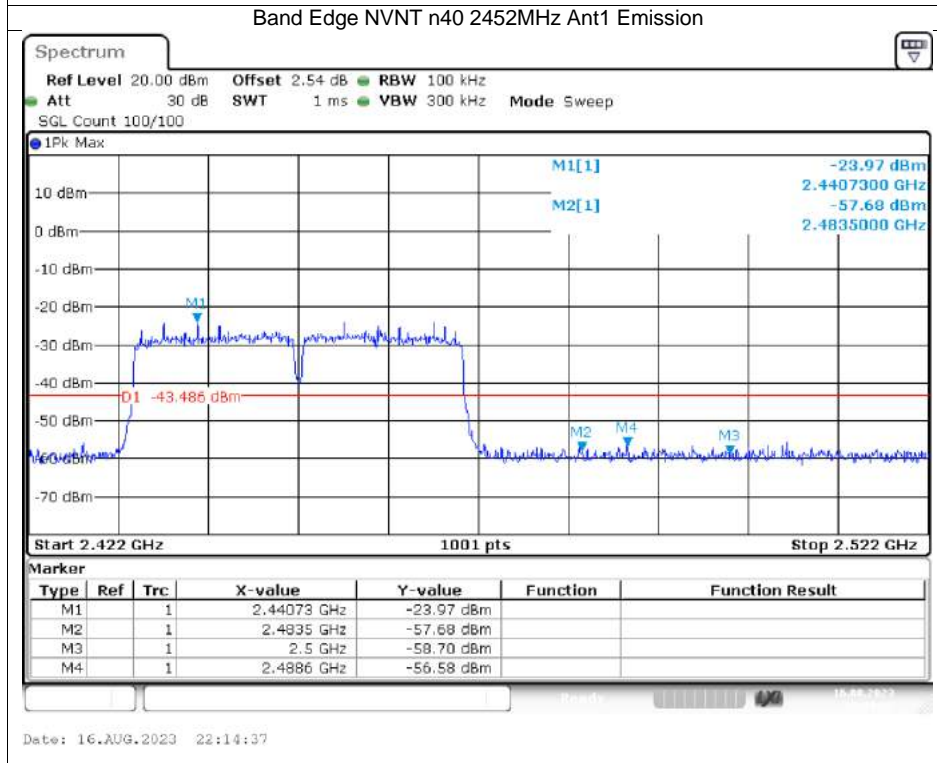
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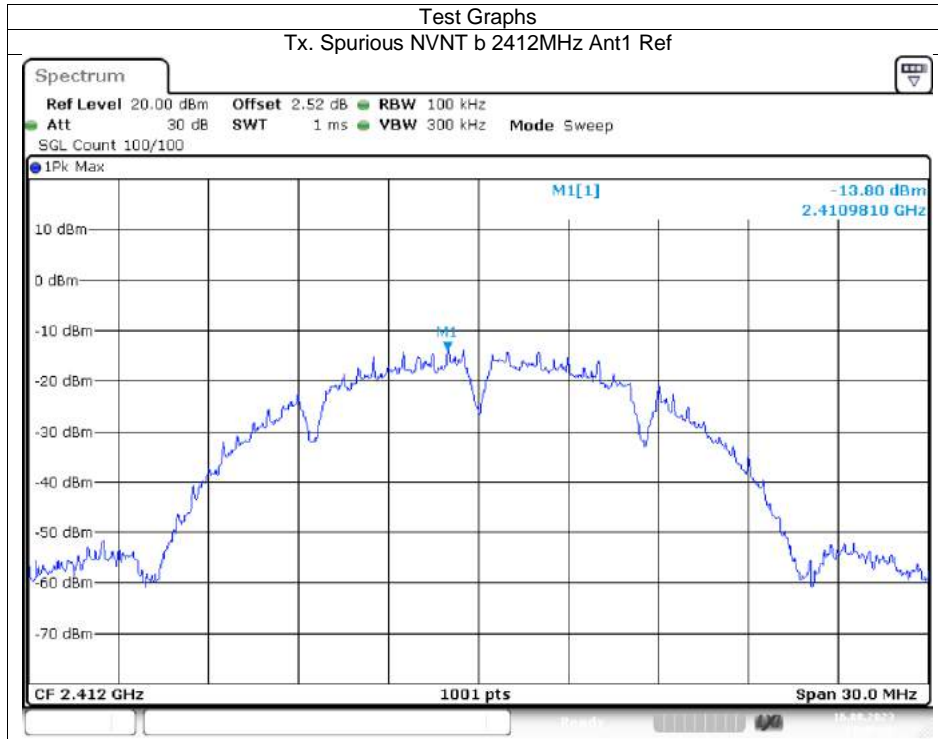


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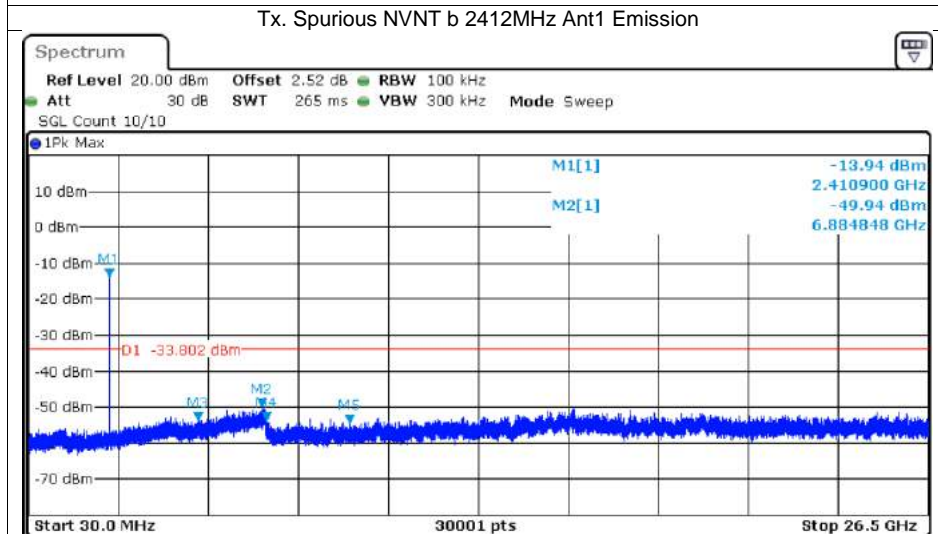


Appendix F Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-36.14	-20	Pass
NVNT	b	2437	Ant1	-38.07	-20	Pass
NVNT	b	2462	Ant1	-37.59	-20	Pass
NVNT	g	2412	Ant1	-28.89	-20	Pass
NVNT	g	2437	Ant1	-28.78	-20	Pass
NVNT	g	2462	Ant1	-29.36	-20	Pass
NVNT	n20	2412	Ant1	-28.73	-20	Pass
NVNT	n20	2437	Ant1	-27.99	-20	Pass
NVNT	n20	2462	Ant1	-28.87	-20	Pass
NVNT	n40	2422	Ant1	-26.22	-20	Pass
NVNT	n40	2437	Ant1	-25.82	-20	Pass
NVNT	n40	2452	Ant1	-26.64	-20	Pass



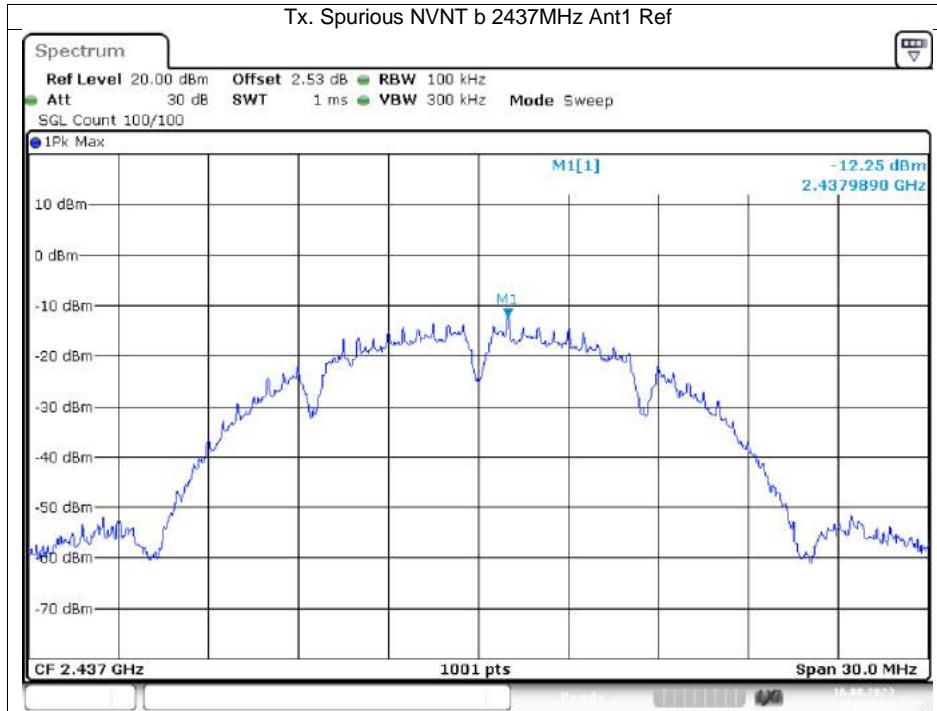
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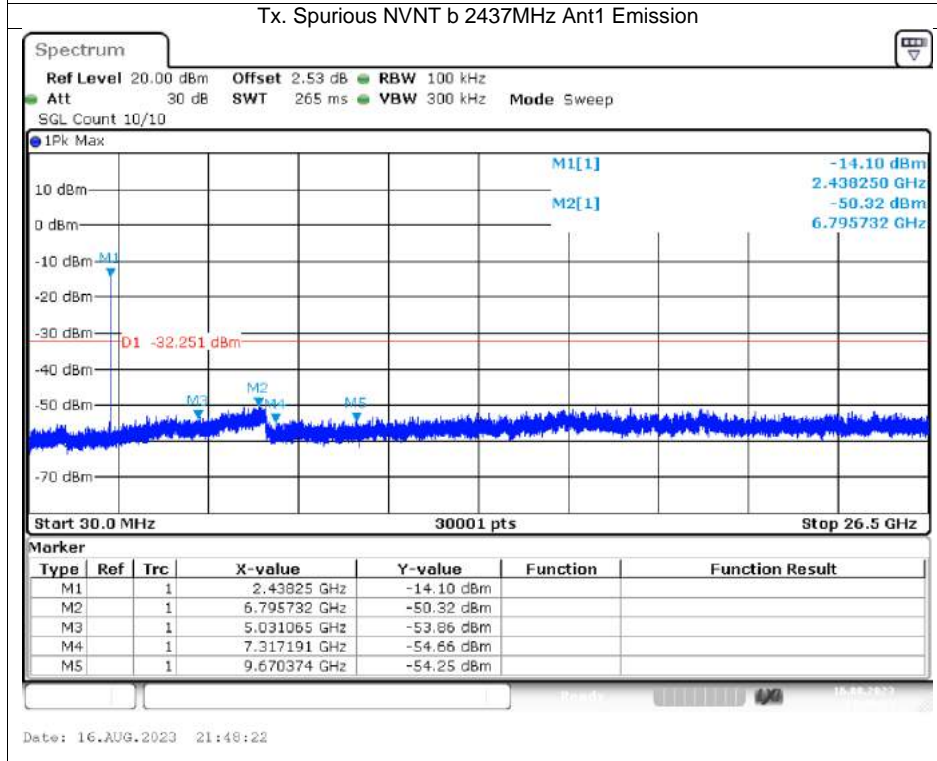
Marker

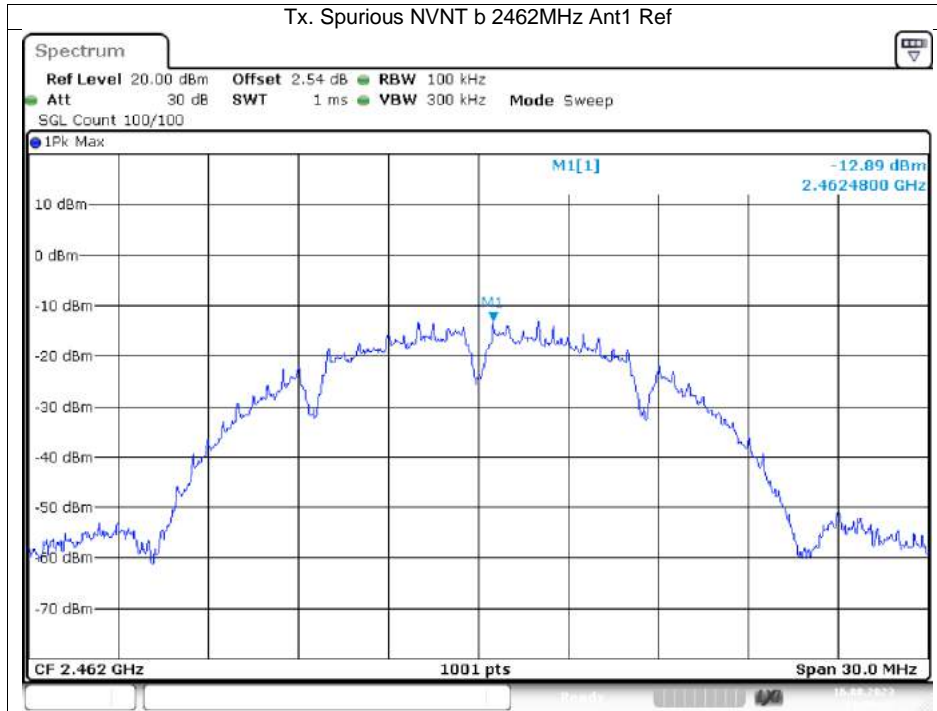
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.4109 GHz	-13.94 dBm		
M2	1		6.884848 GHz	-49.94 dBm		
M3	1		5.02136 GHz	-53.73 dBm		
M4	1		7.037491 GHz	-53.69 dBm		
M5	1		9.470084 GHz	-54.27 dBm		

Date: 16.AUG.2023 21:46:28

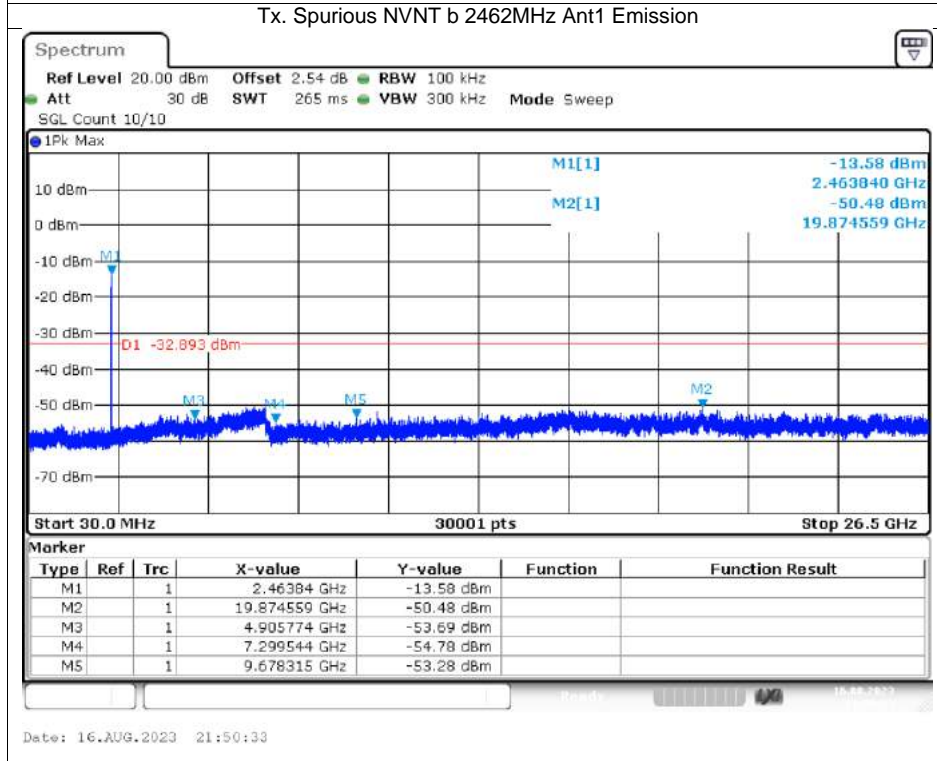


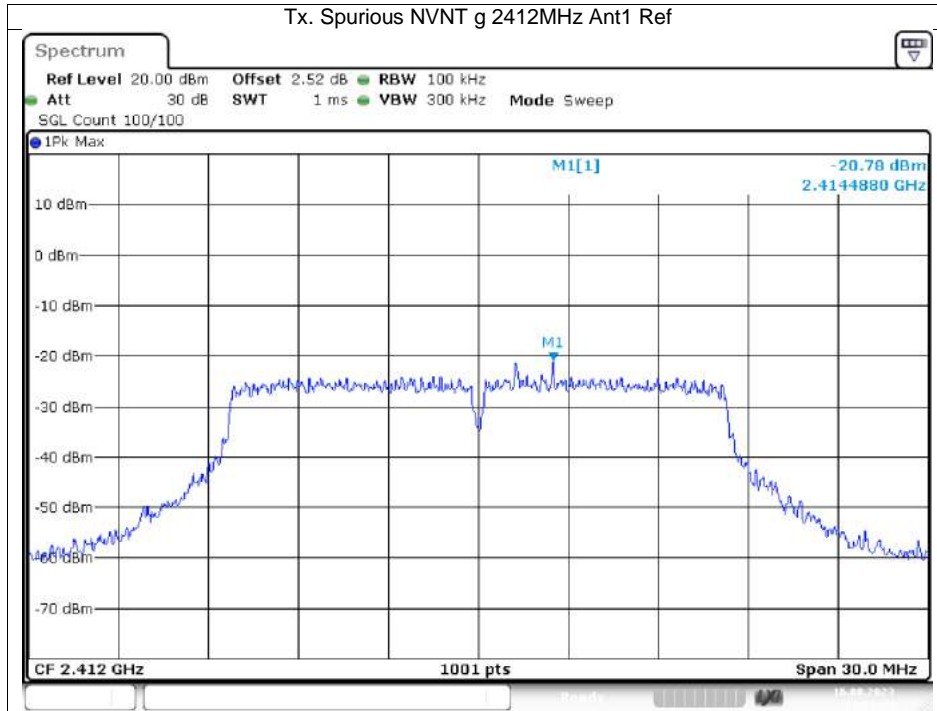
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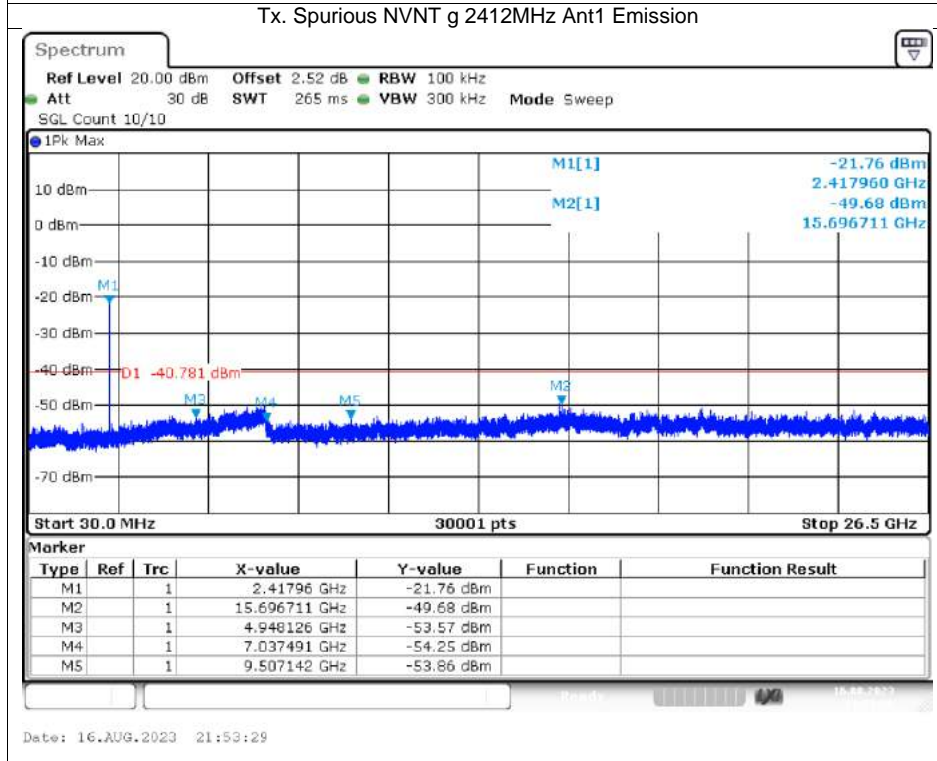


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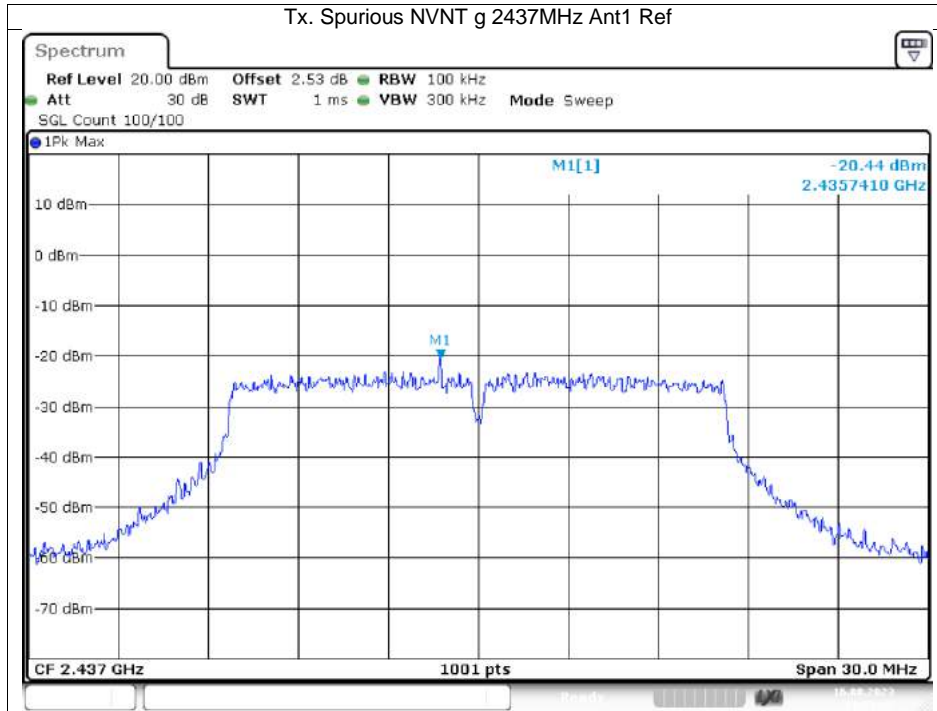




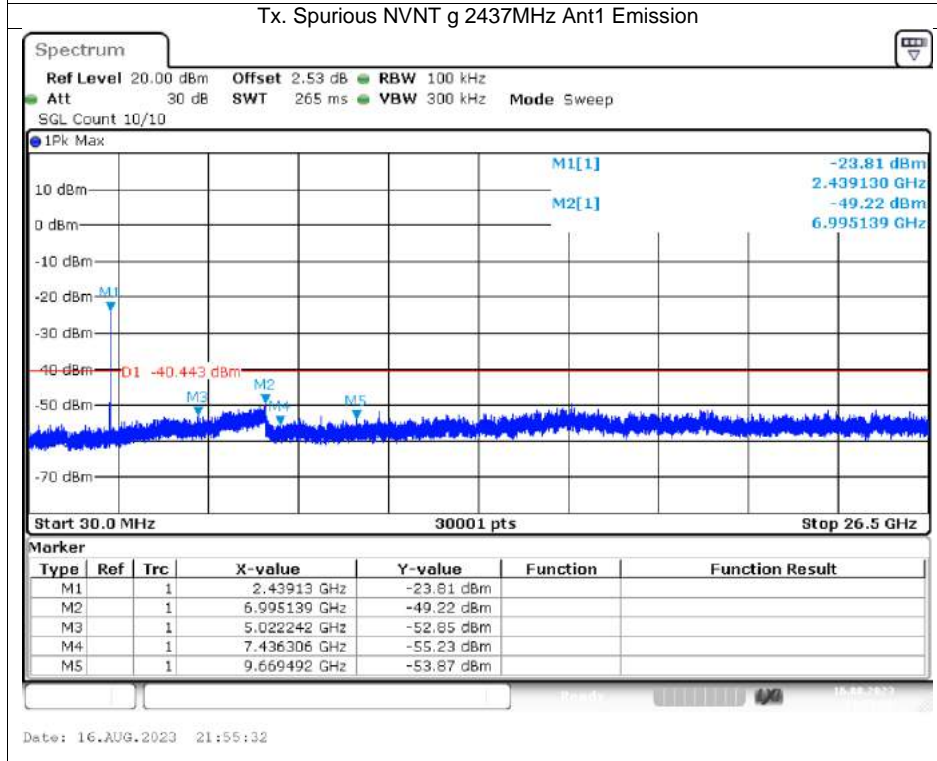
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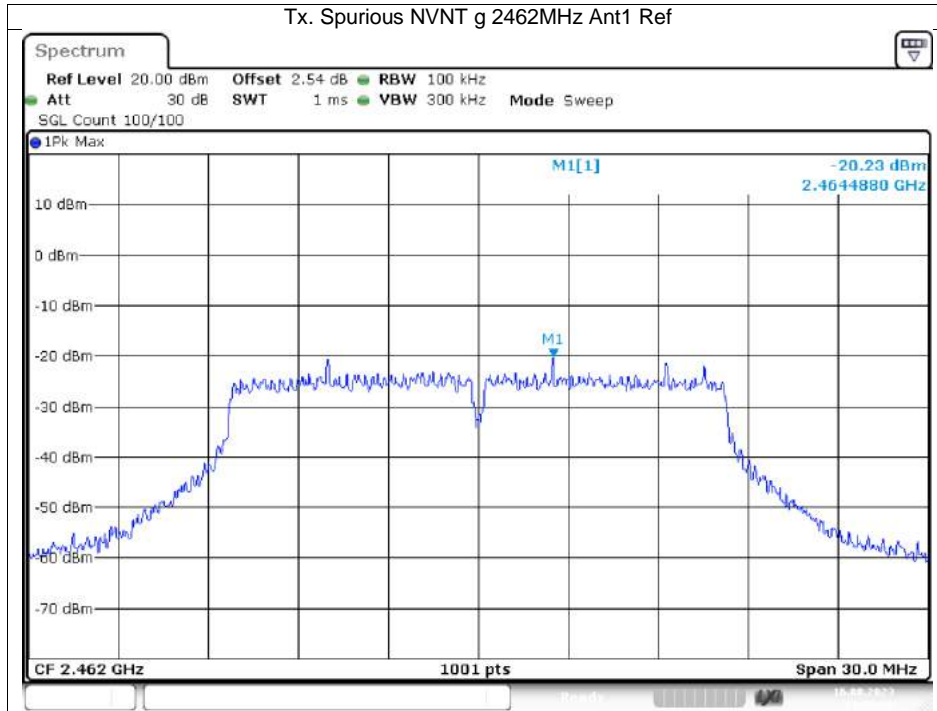
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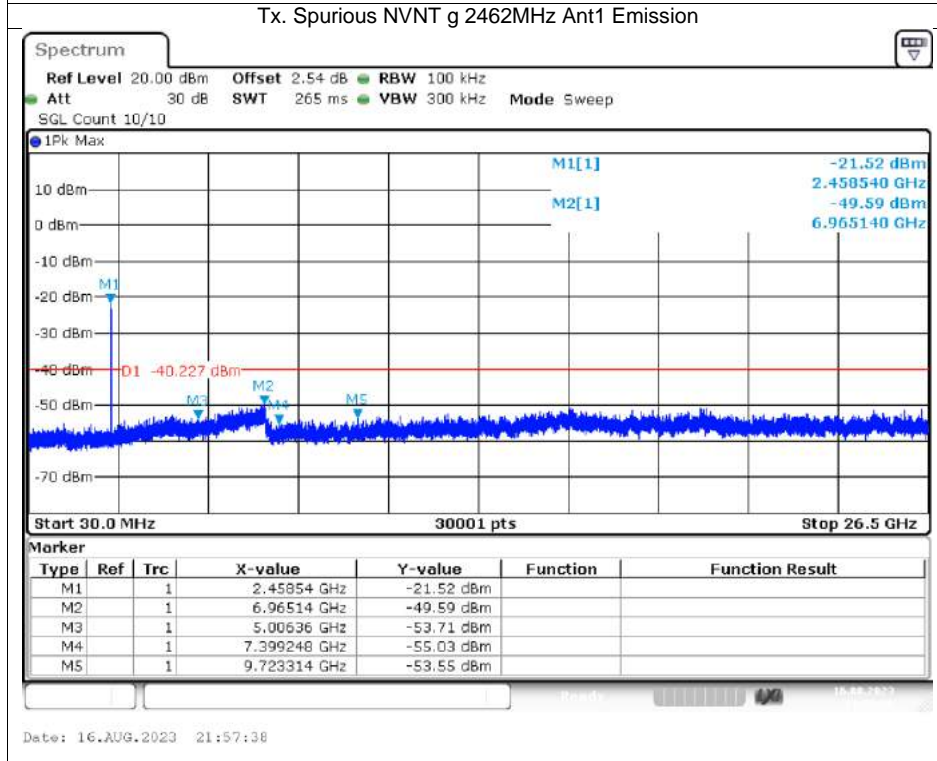
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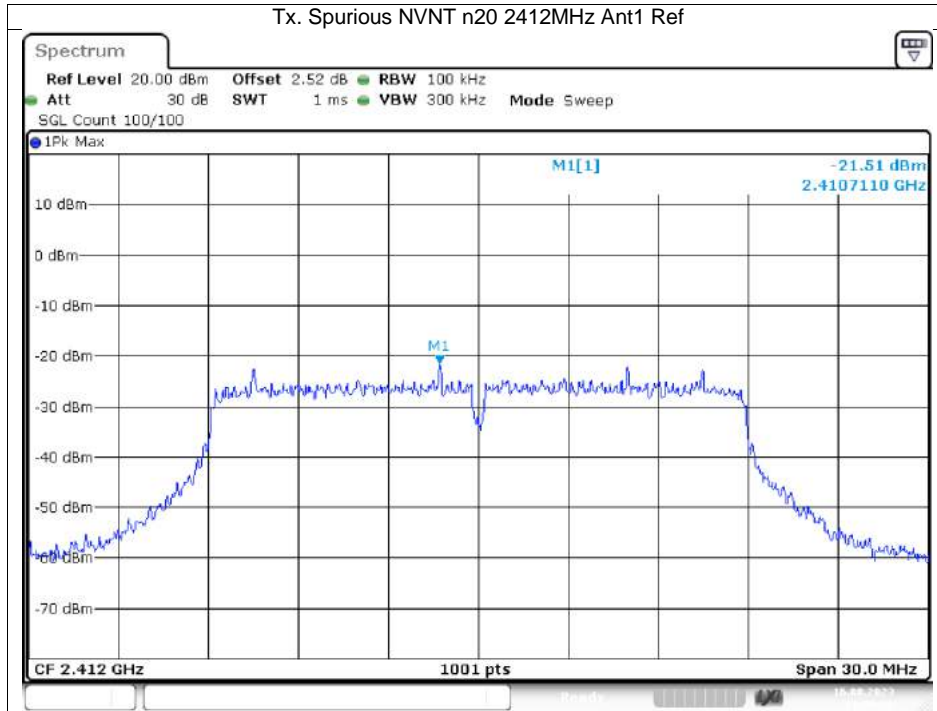


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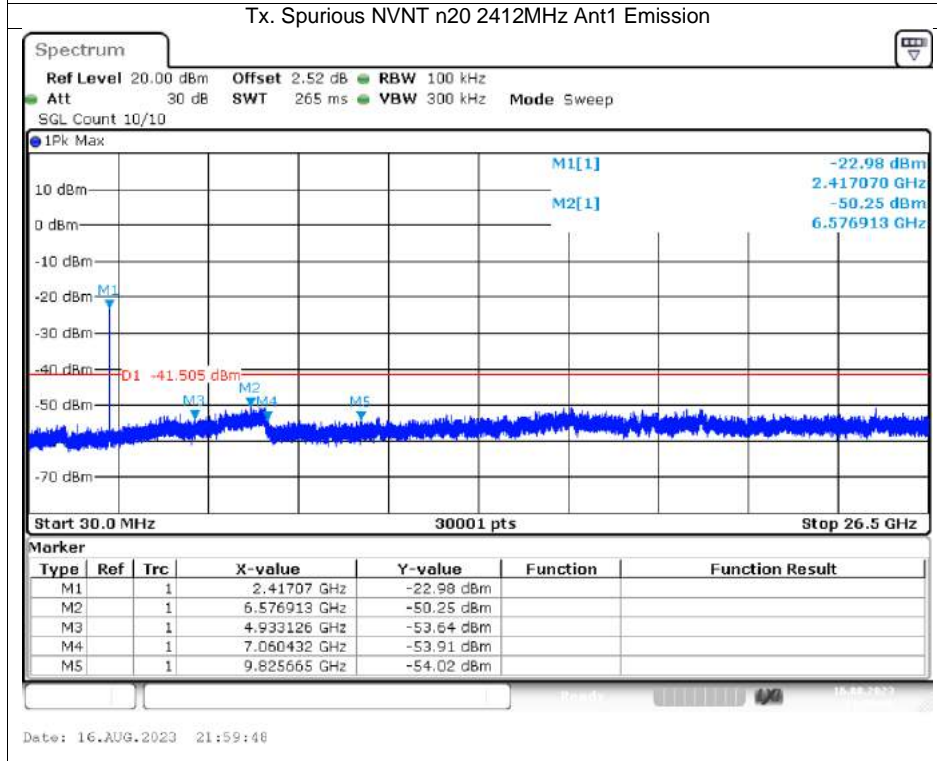


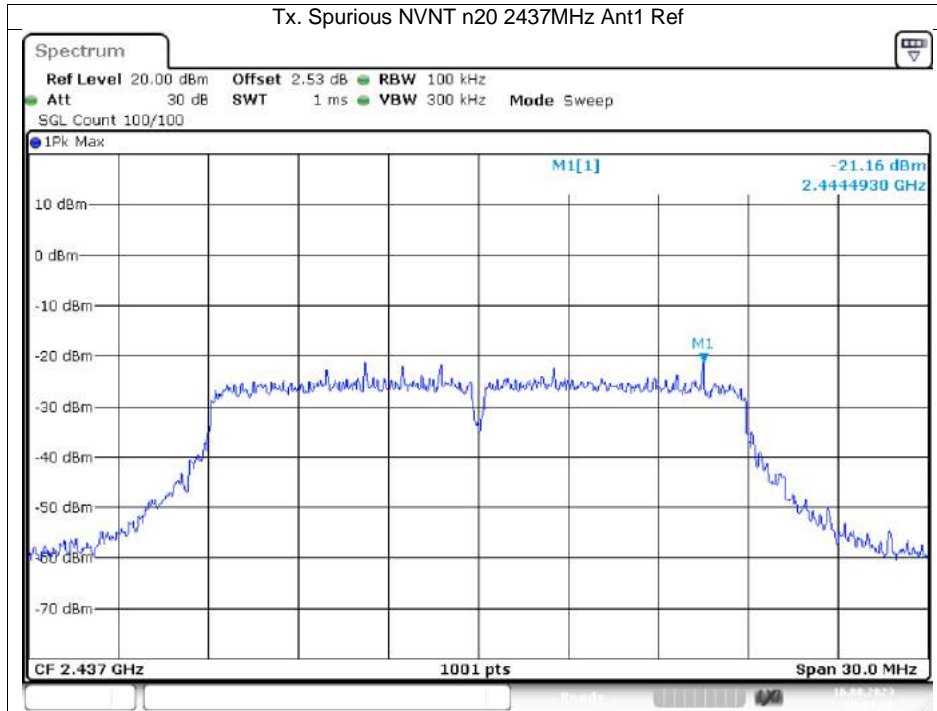
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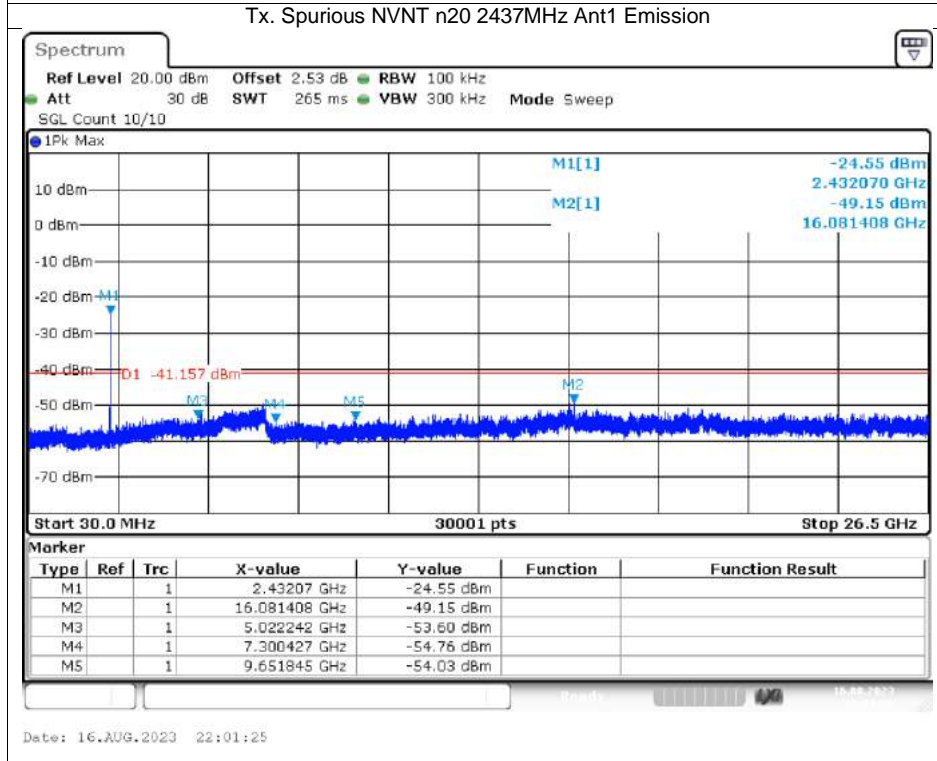


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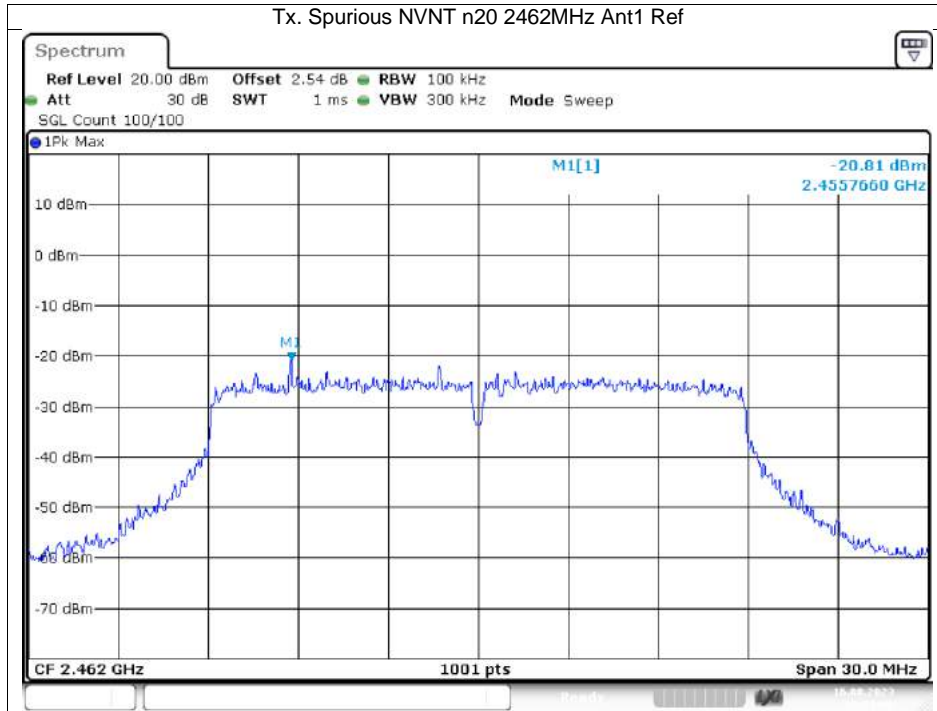




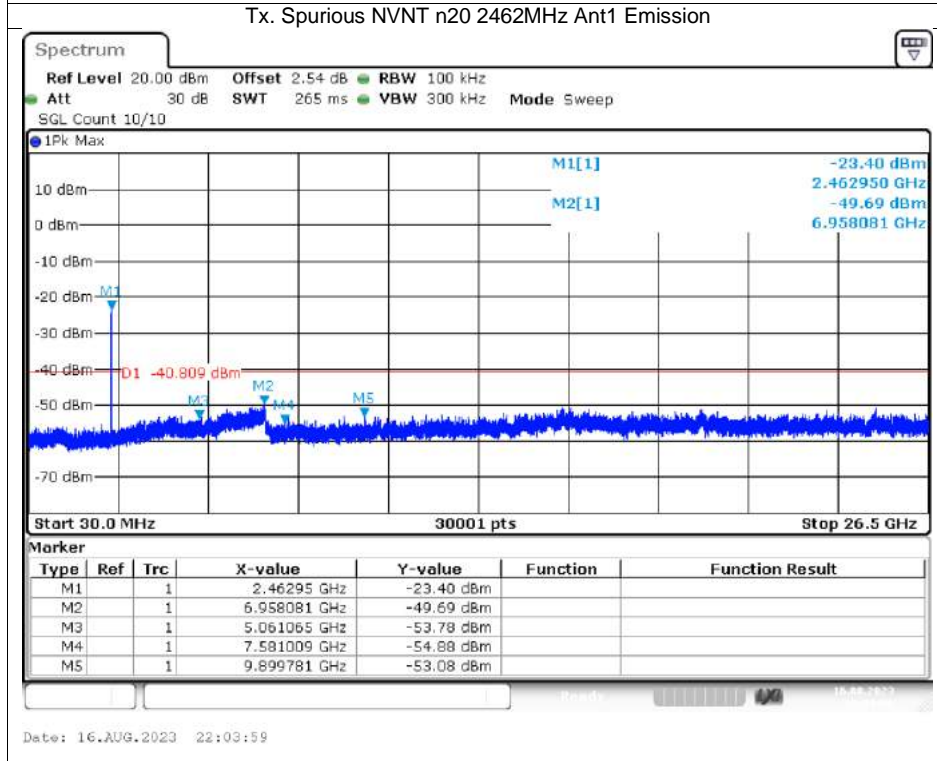
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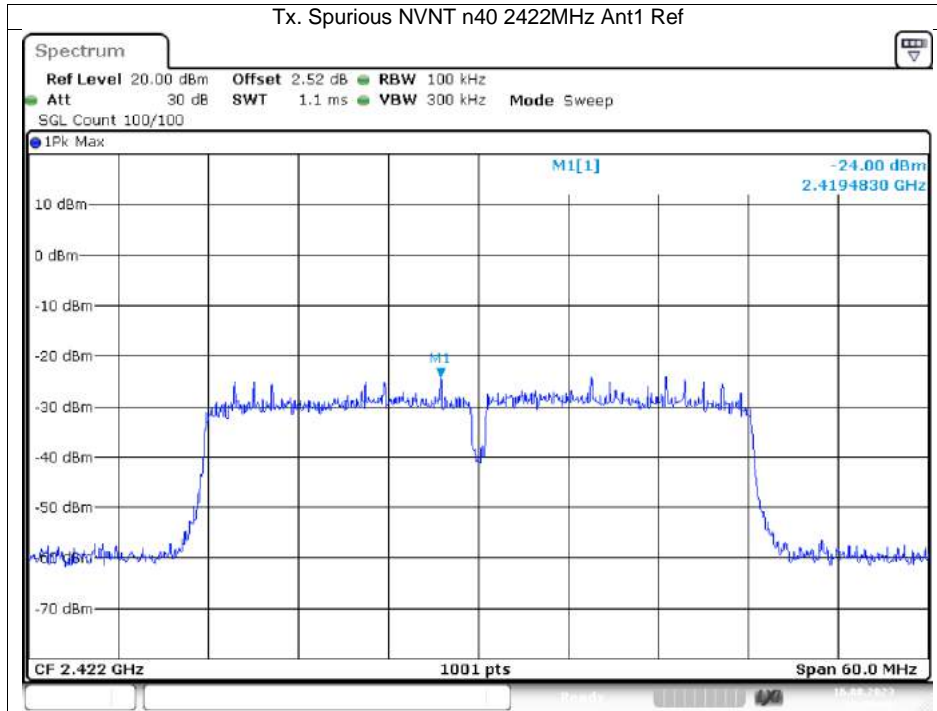


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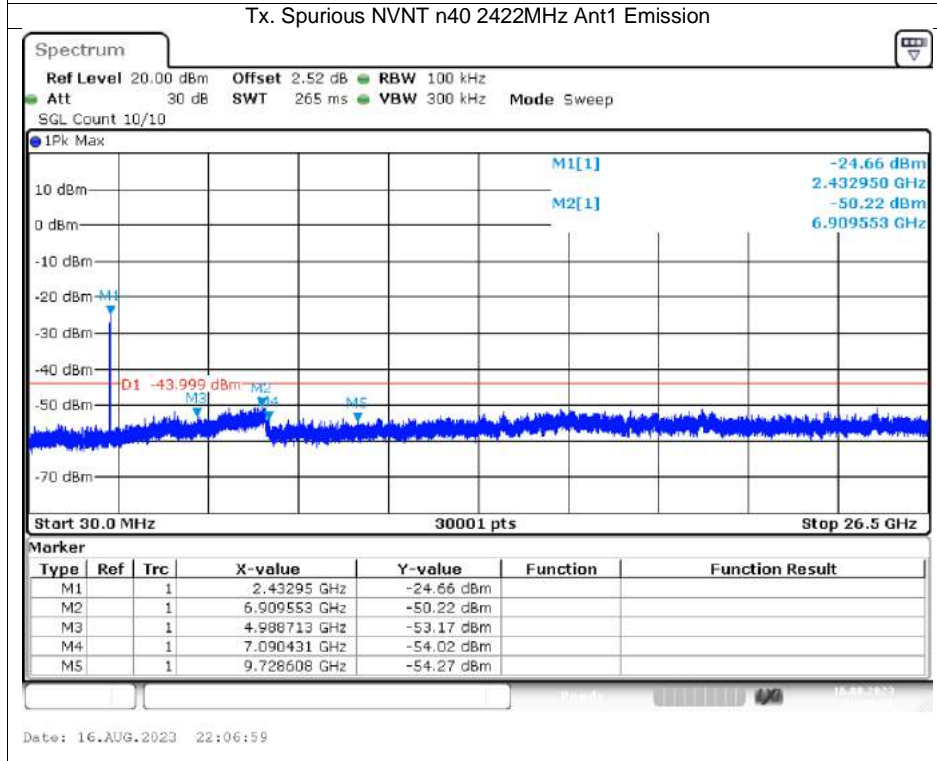


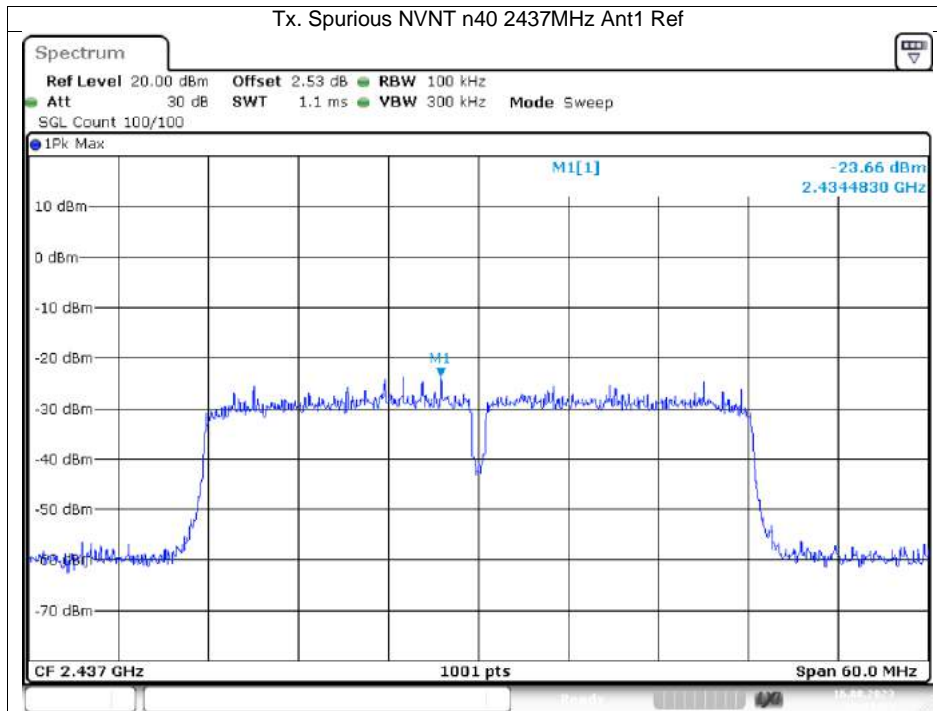
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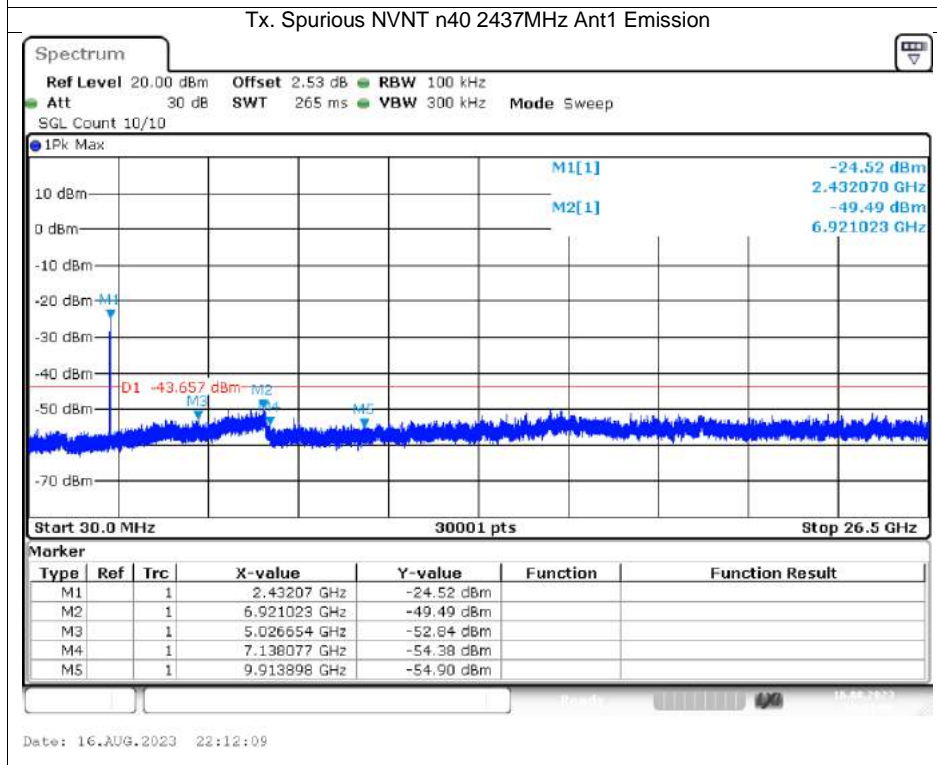


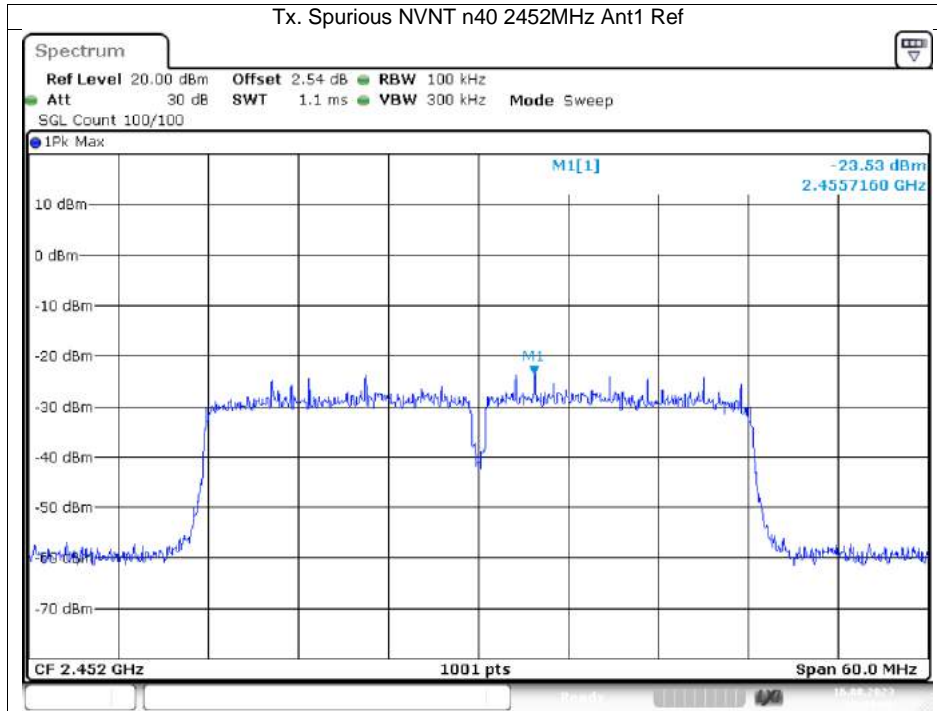
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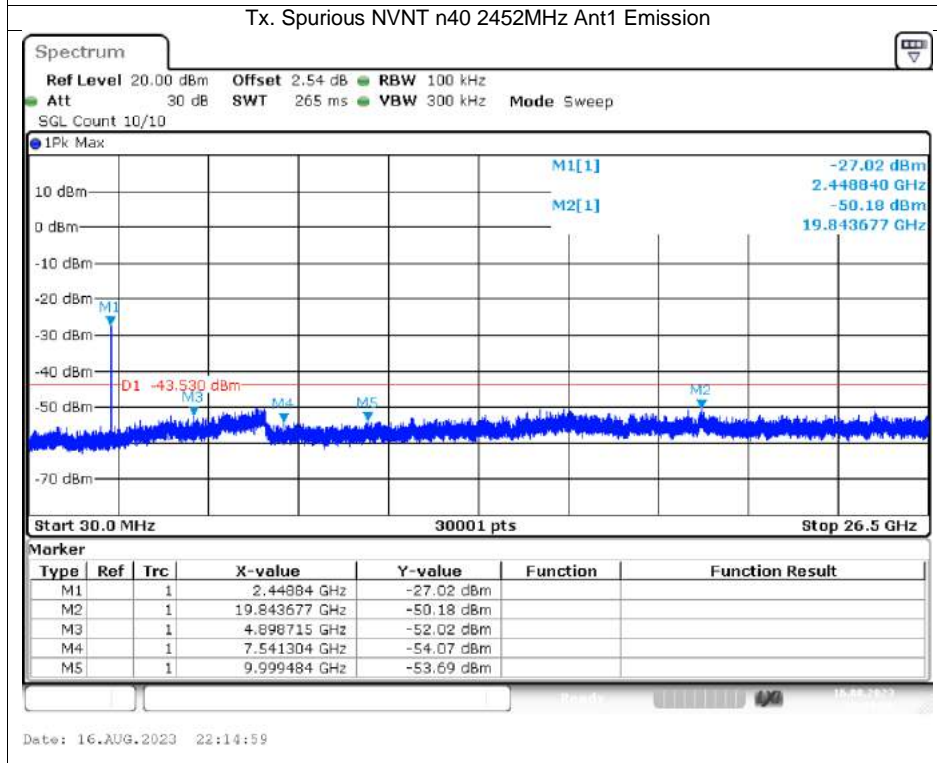


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Date: 16.AUG.2023 22:14:43



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