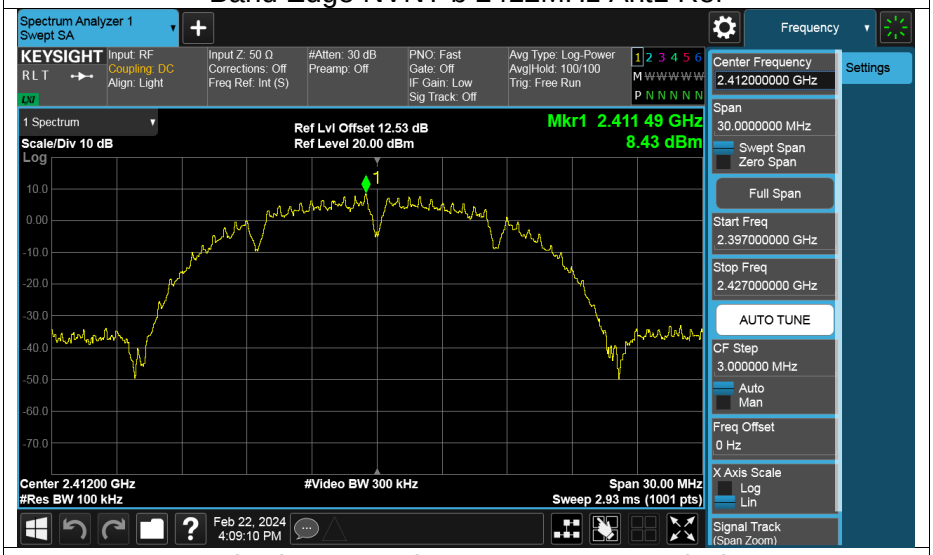
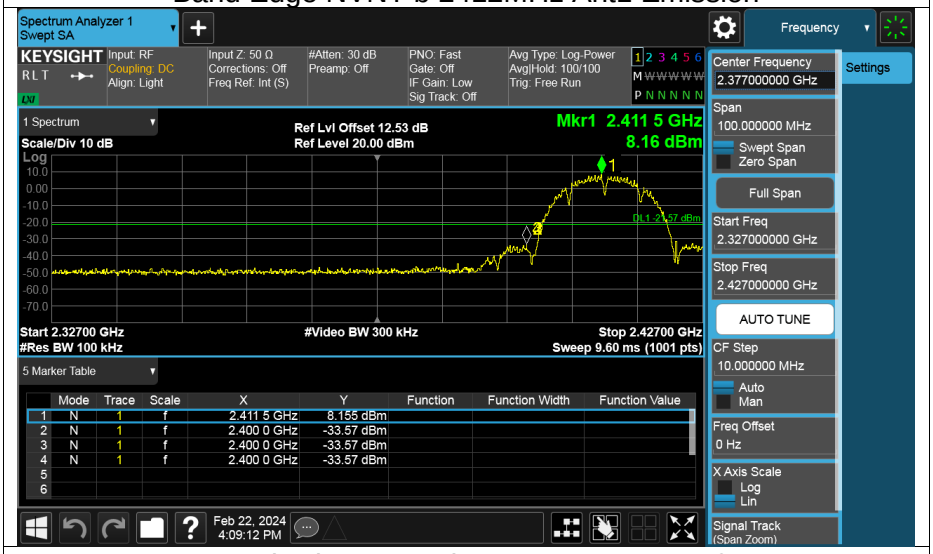
Test Graphs

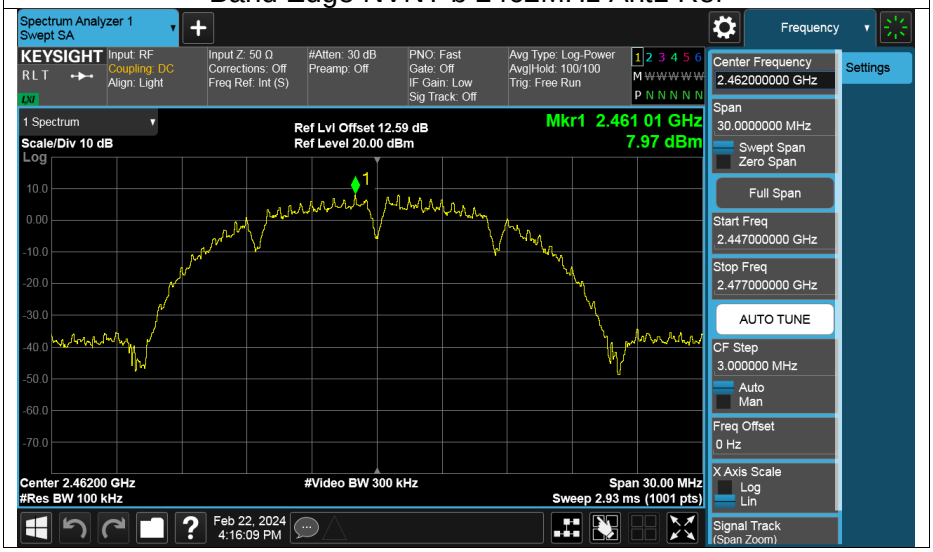
Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2462MHz Ant1 Ref



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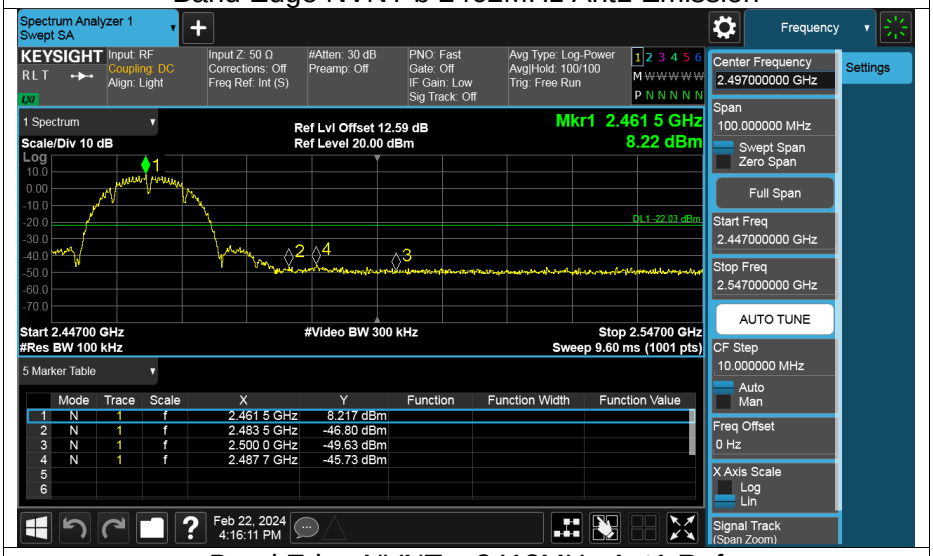
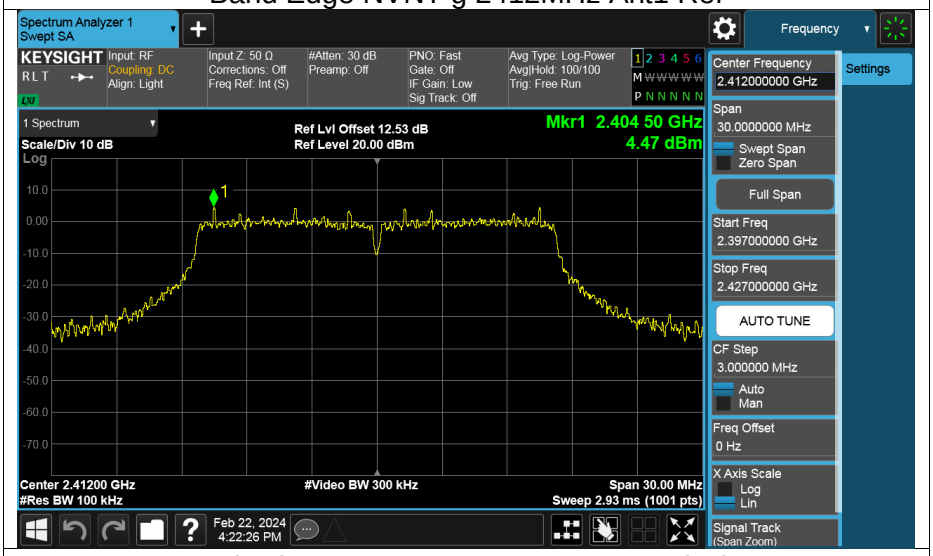
Band Edge NVNT b 2462MHz Ant1 Emission



Band Edge NVNT g 2412MHz Ant1 Ref



Band Edge NVNT g 2412MHz Ant1 Emission

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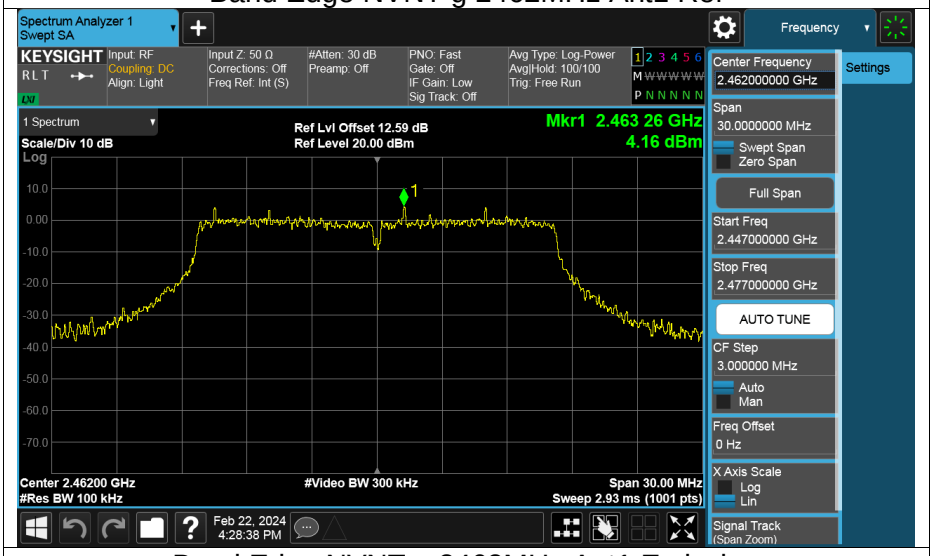
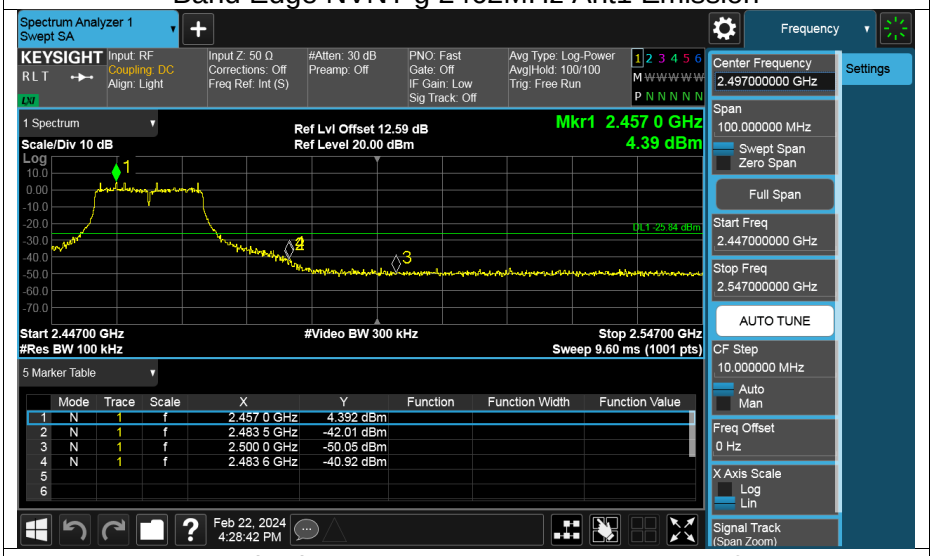
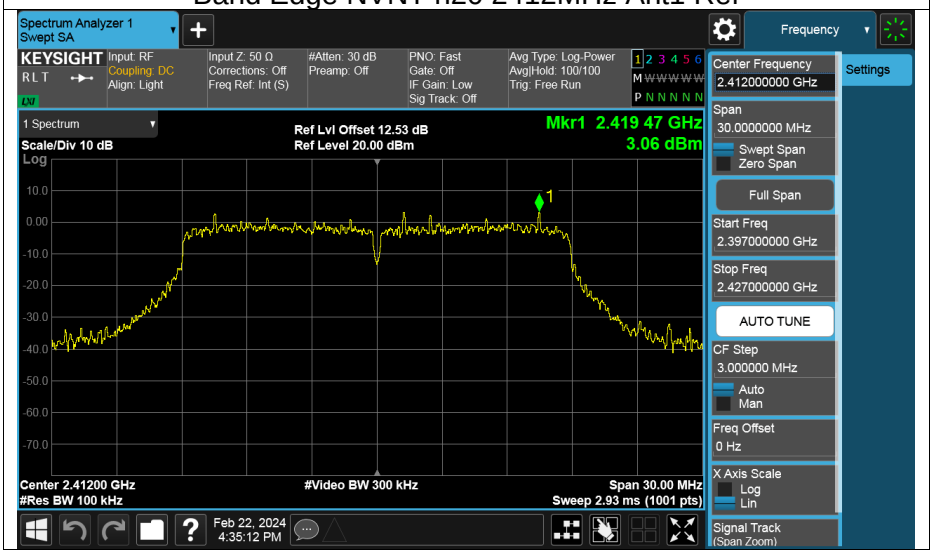
Band Edge NVNT g 2462MHz Ant1 Ref



Band Edge NVNT g 2462MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



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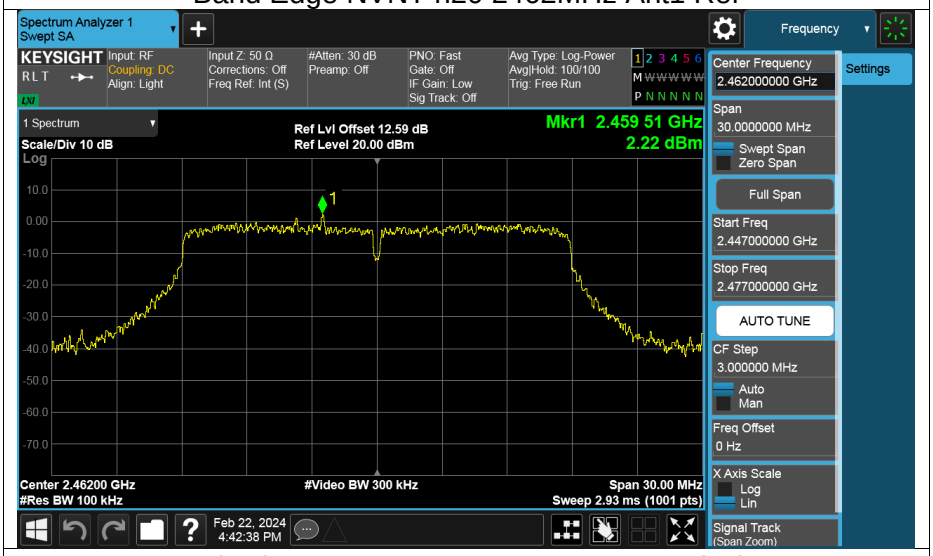
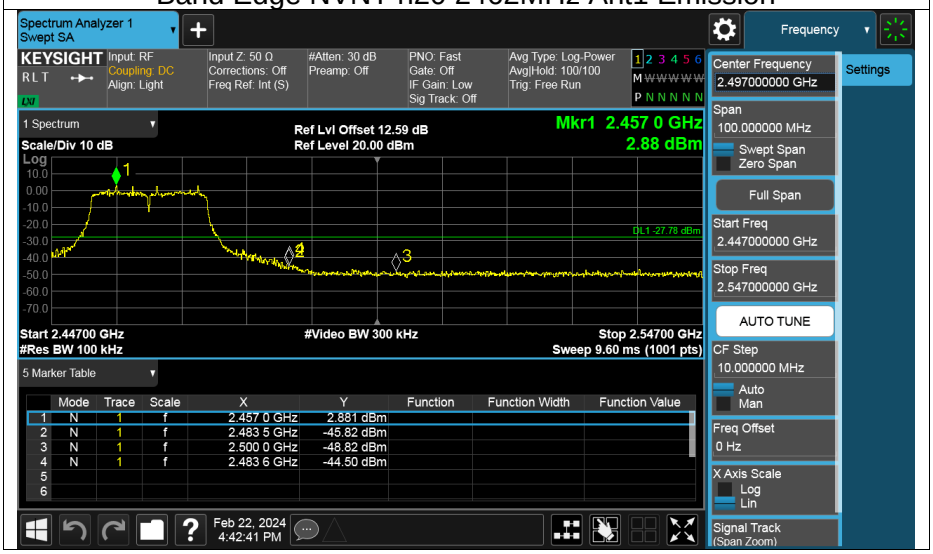
Band Edge NVNT n20 2412MHz Ant1 Emission

Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission



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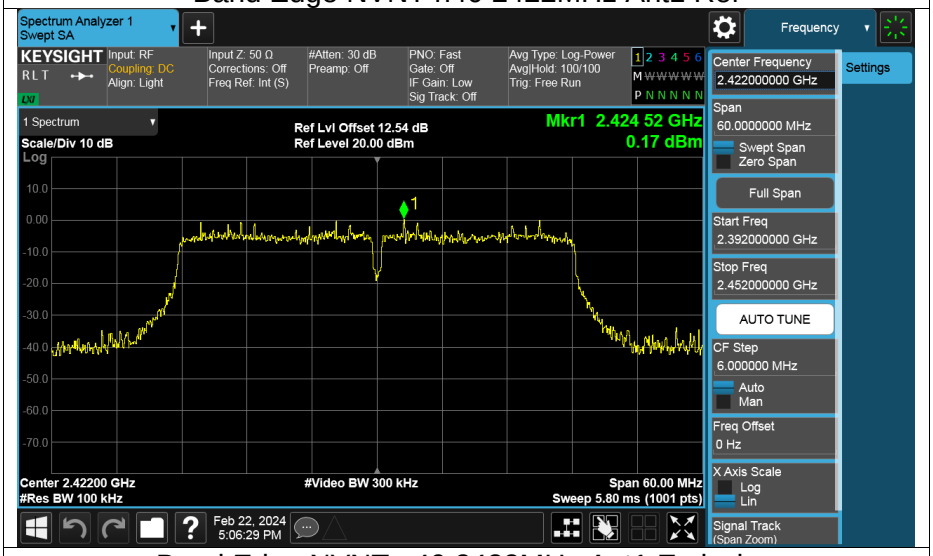
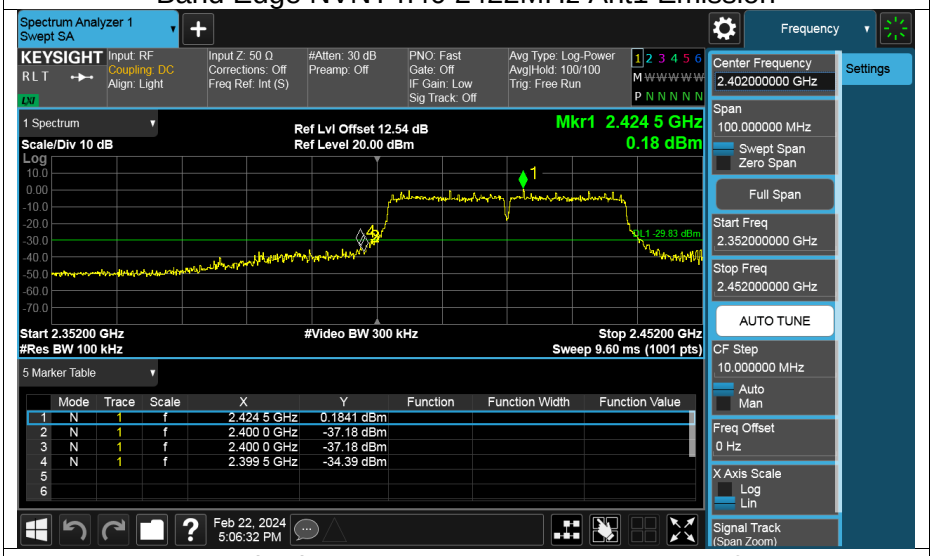
Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref

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Band Edge NVNT n40 2452MHz Ant1 Emission

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11.6. APPENDIX F: CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-46.86	-30	Pass
NVNT	b	2437	Ant1	-48.05	-30	Pass
NVNT	b	2462	Ant1	-47.22	-30	Pass
NVNT	g	2412	Ant1	-44.14	-30	Pass
NVNT	g	2437	Ant1	-44.37	-30	Pass
NVNT	g	2462	Ant1	-44.34	-30	Pass
NVNT	n20	2412	Ant1	-43.9	-30	Pass
NVNT	n20	2437	Ant1	-43	-30	Pass
NVNT	n20	2462	Ant1	-42.03	-30	Pass
NVNT	n40	2422	Ant1	-38.63	-30	Pass
NVNT	n40	2437	Ant1	-39.46	-30	Pass
NVNT	n40	2452	Ant1	-41.31	-30	Pass

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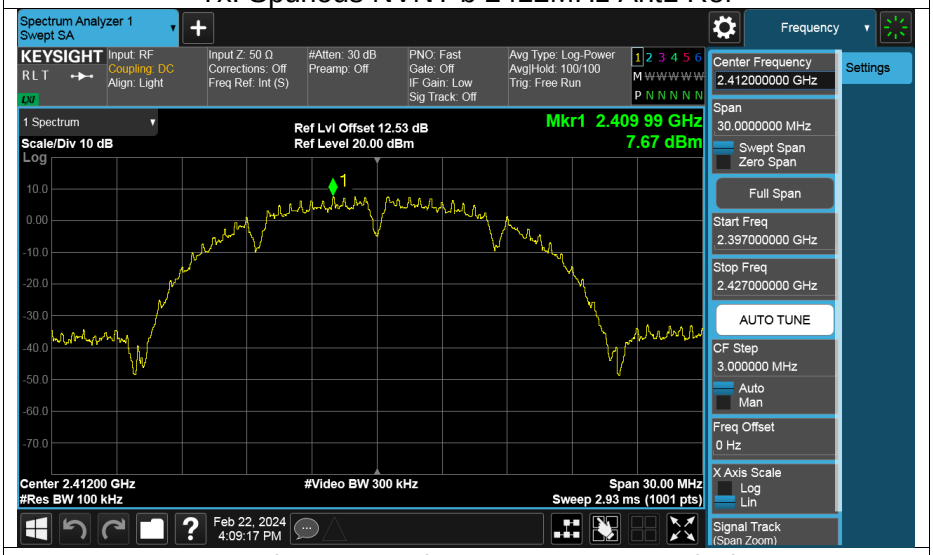
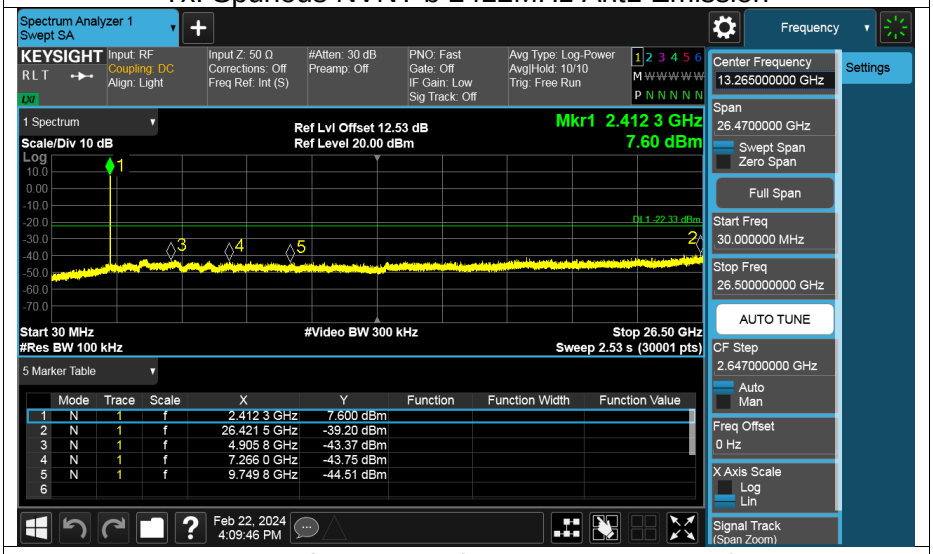
Test Graphs

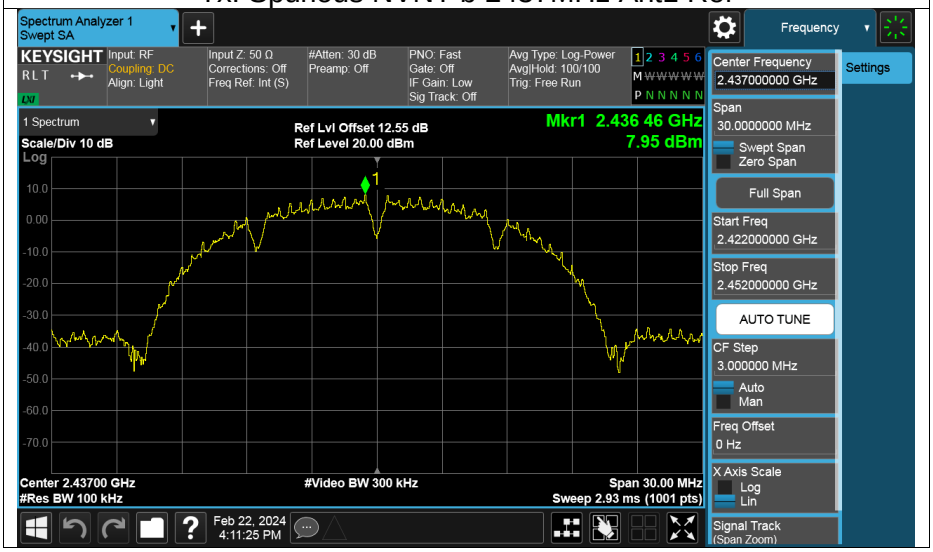
Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



Tx. Spurious NVNT b 2437MHz Ant1 Ref



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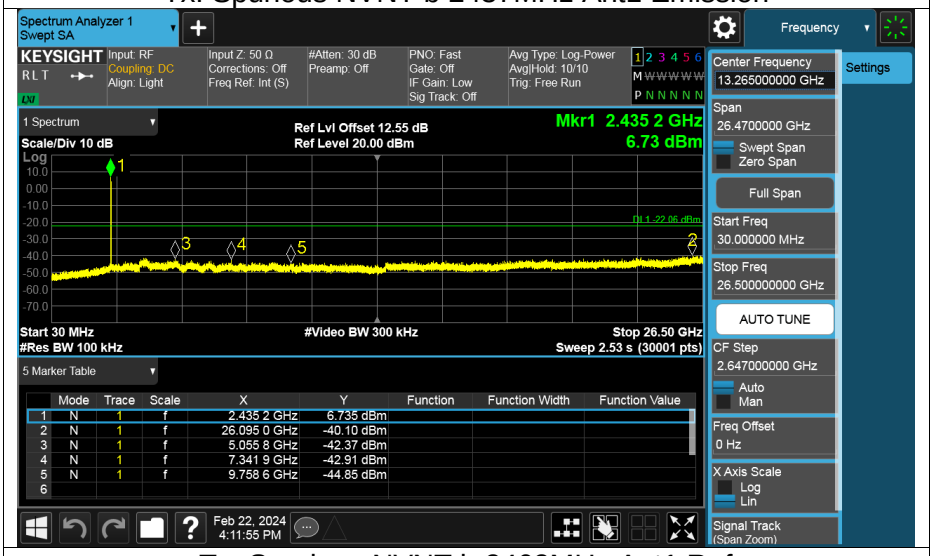
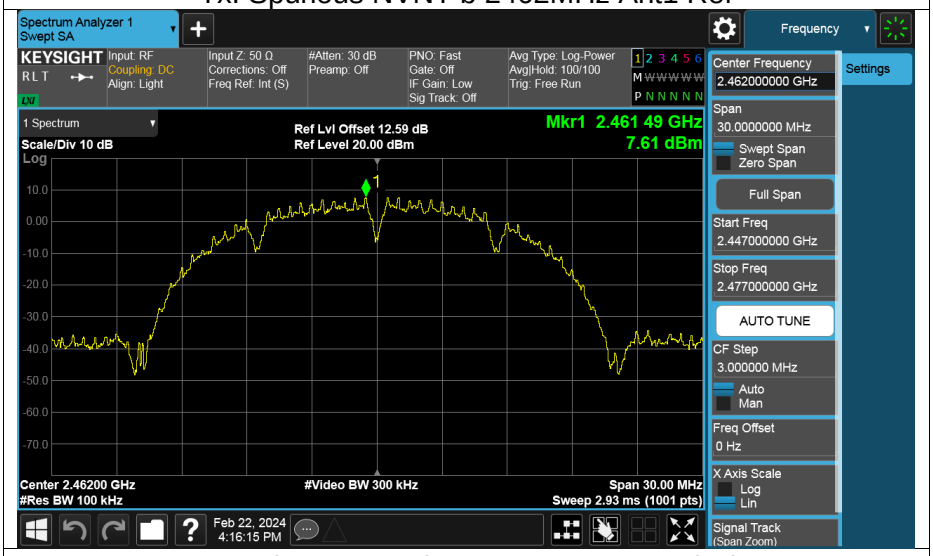
Tx. Spurious NVNT b 2437MHz Ant1 Emission



Tx. Spurious NVNT b 2462MHz Ant1 Ref



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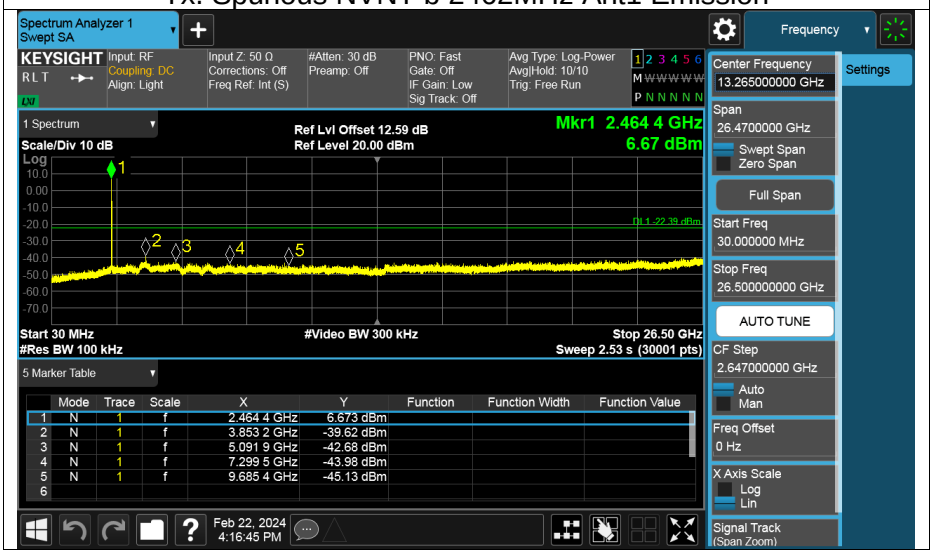

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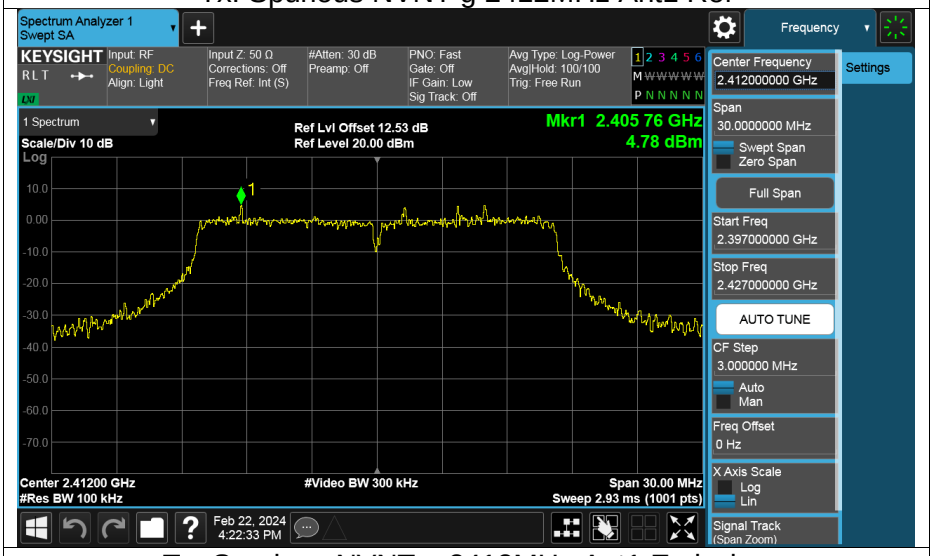
Tx. Spurious NVNT g 2412MHz Ant1 Ref



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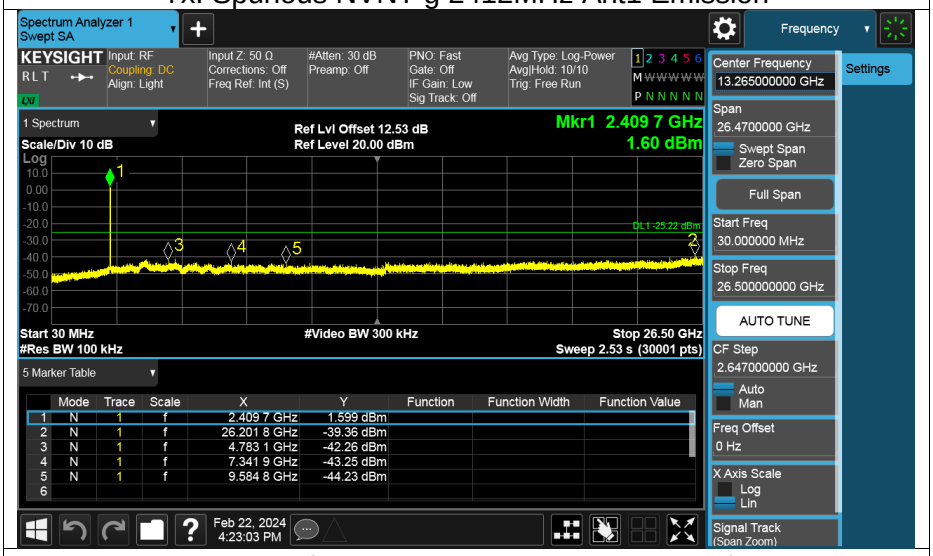
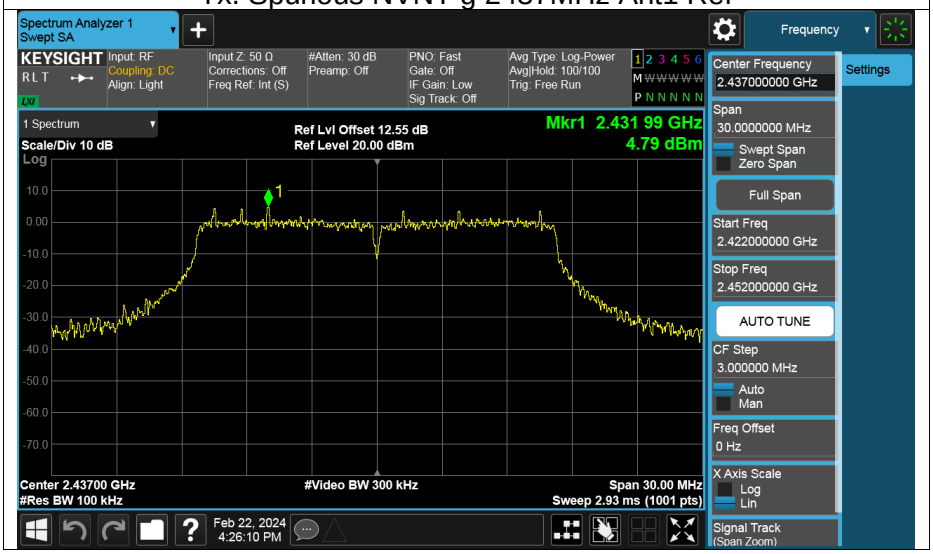


Tx. Spurious NVNT g 2437MHz Ant1 Ref



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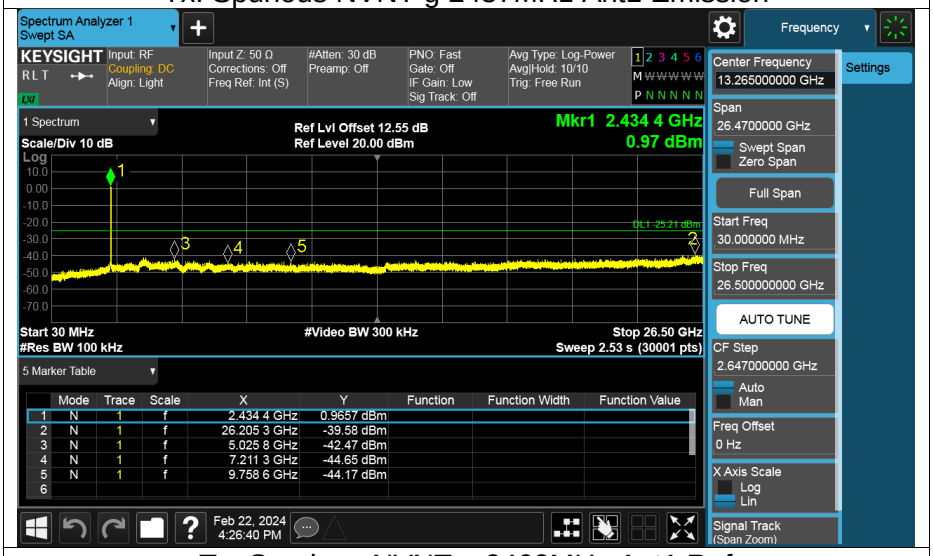
Tx. Spurious NVNT g 2437MHz Ant1 Emission



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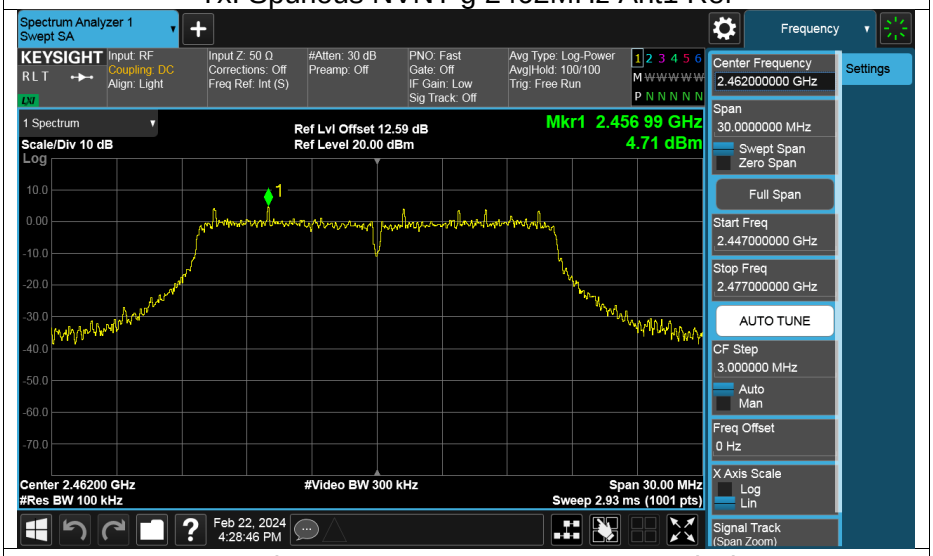

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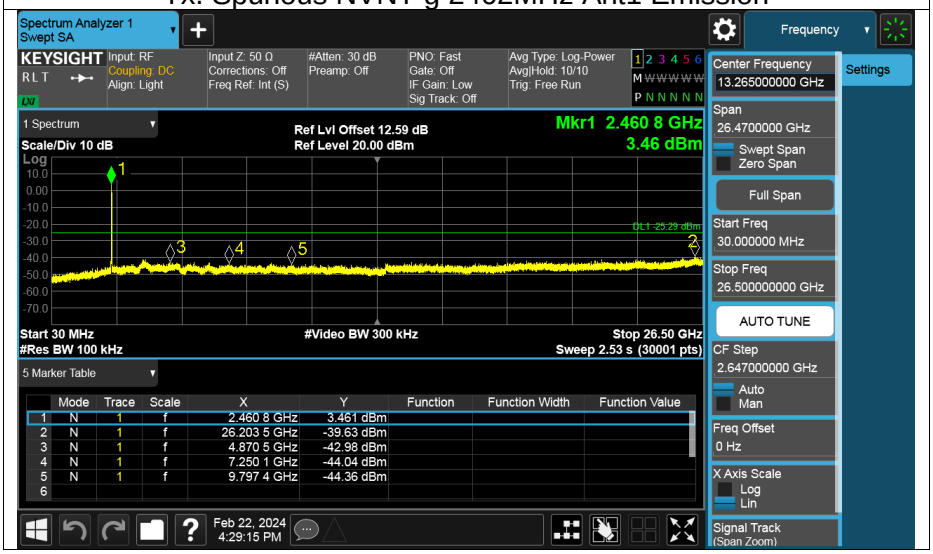

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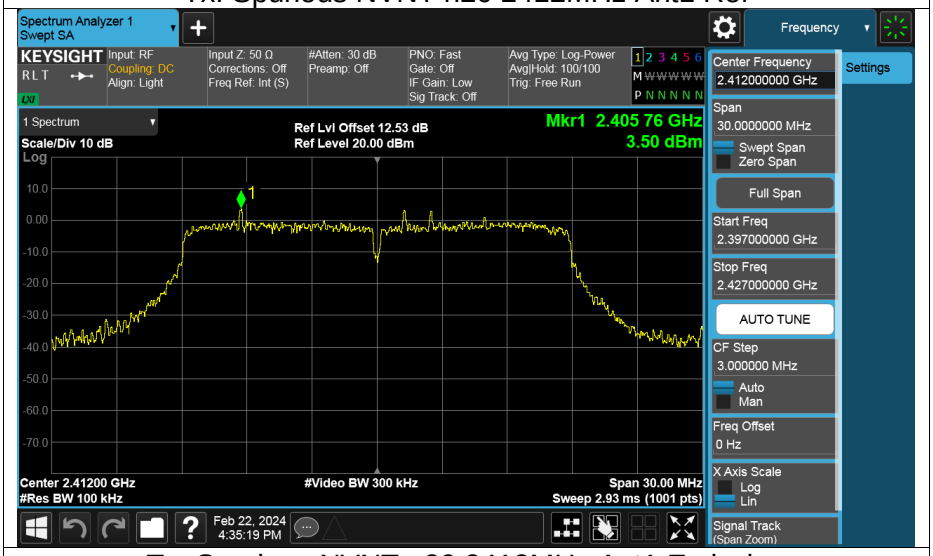
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



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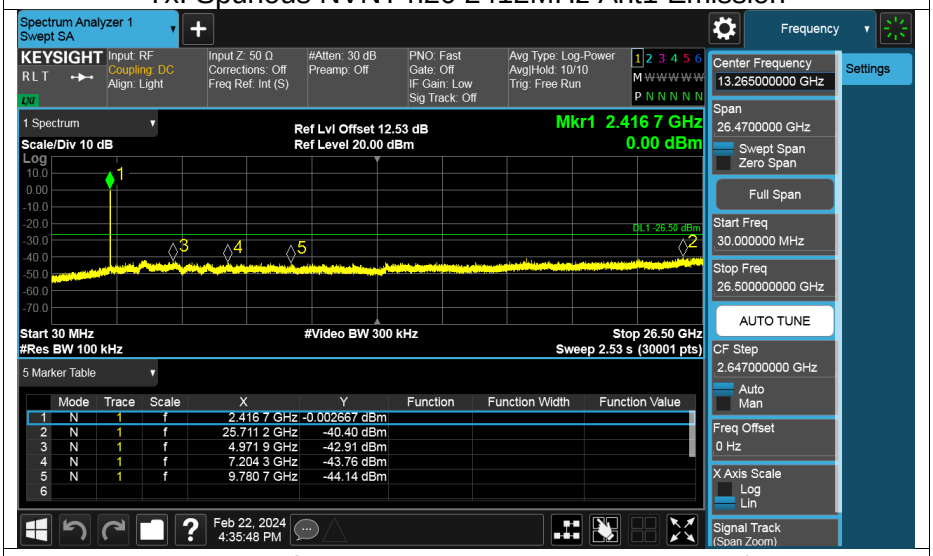

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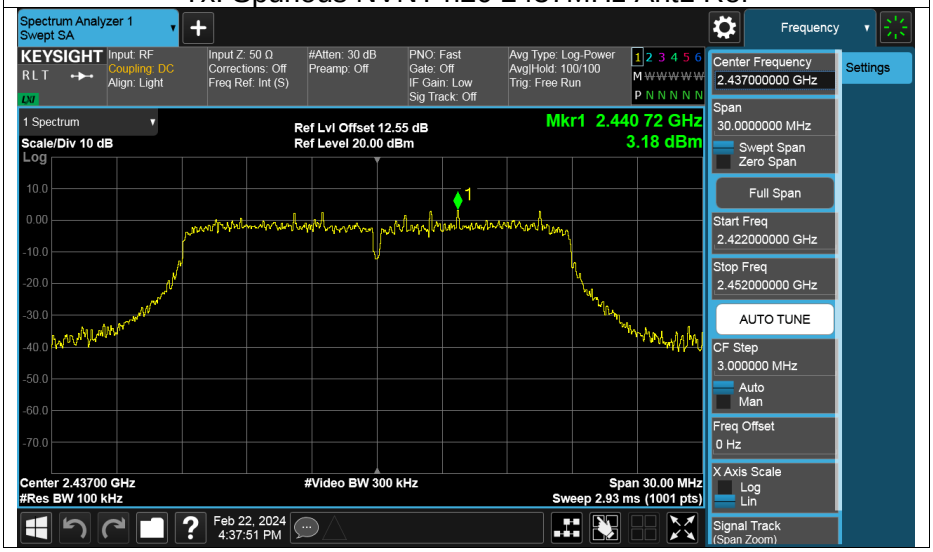

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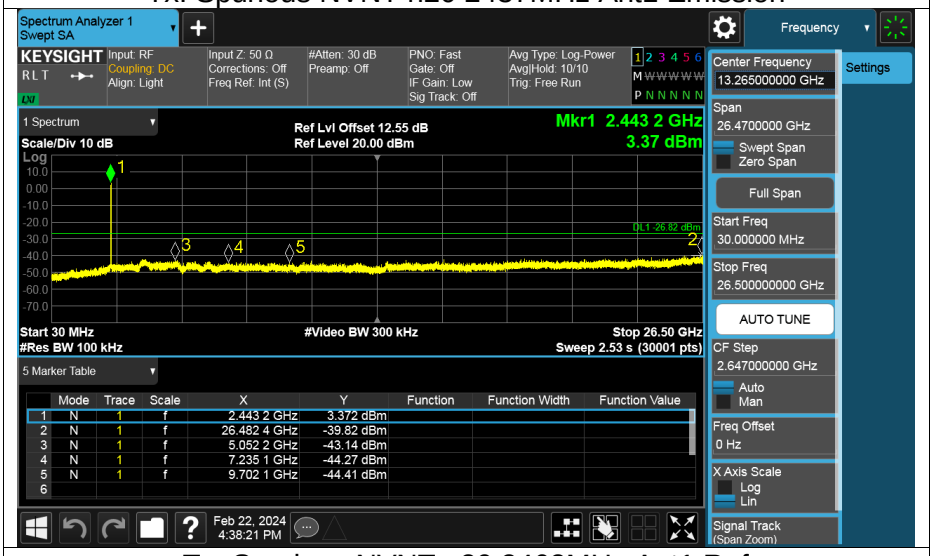
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



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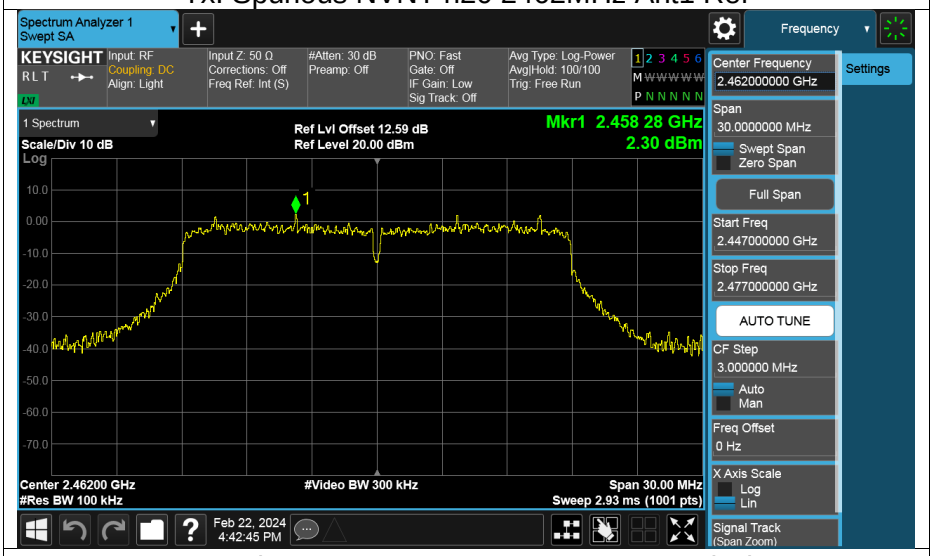

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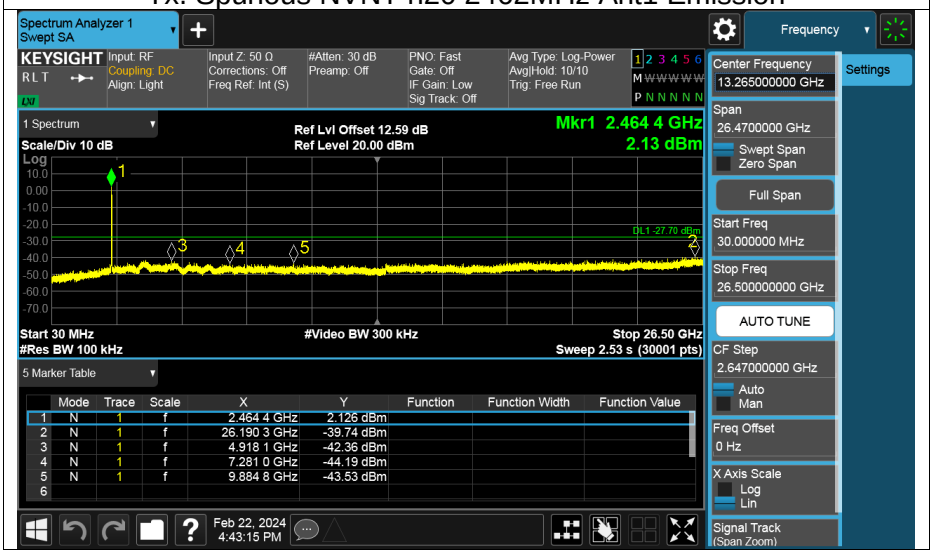

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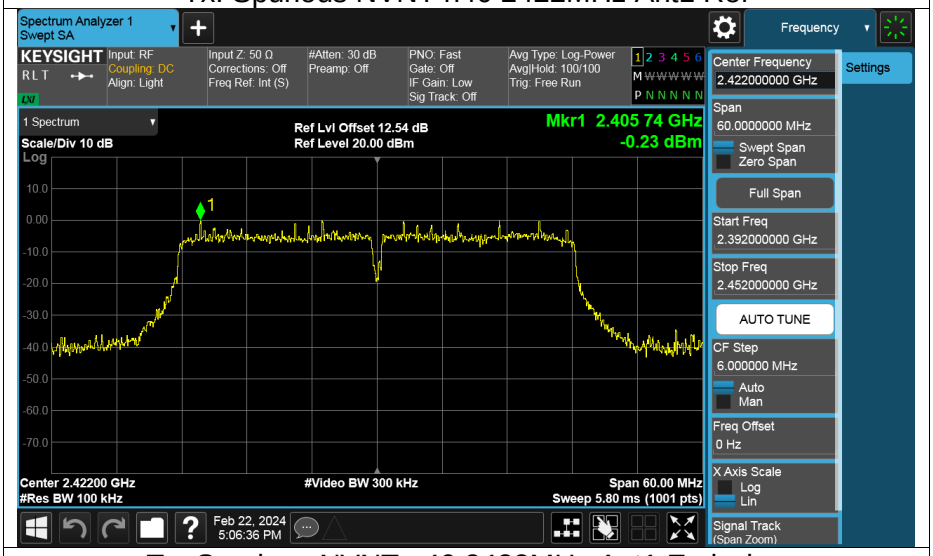
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



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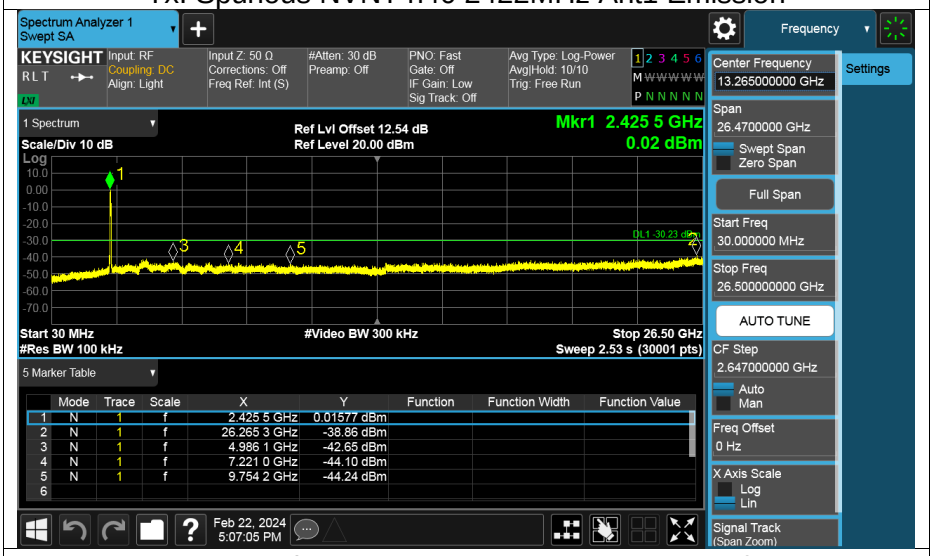

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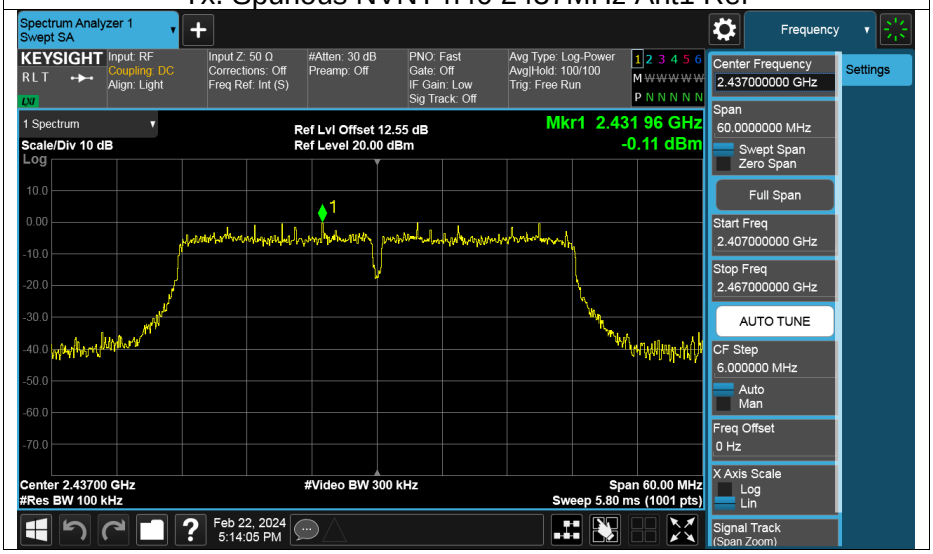

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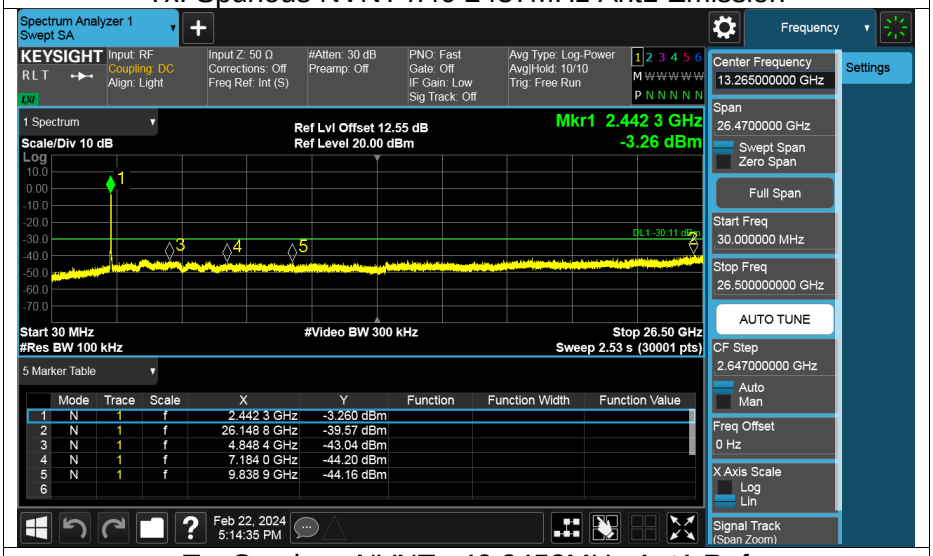
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



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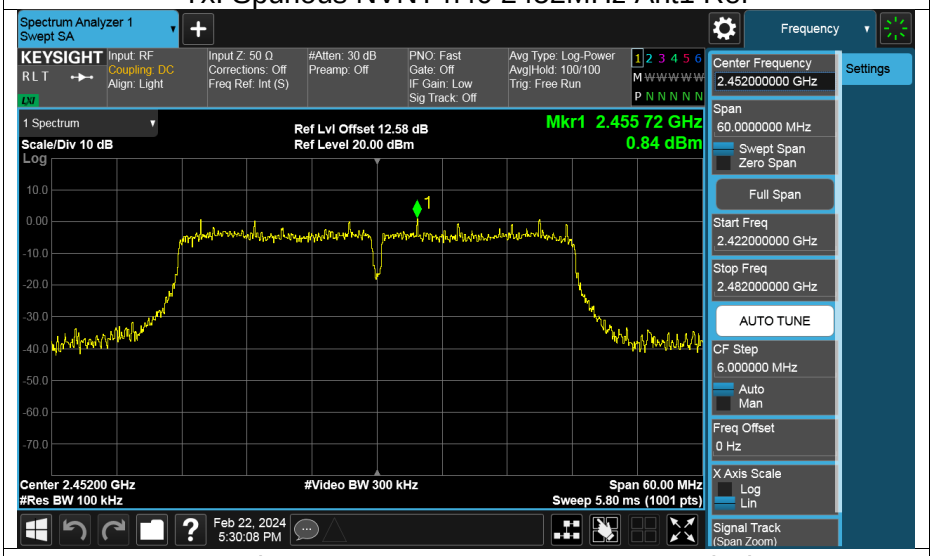

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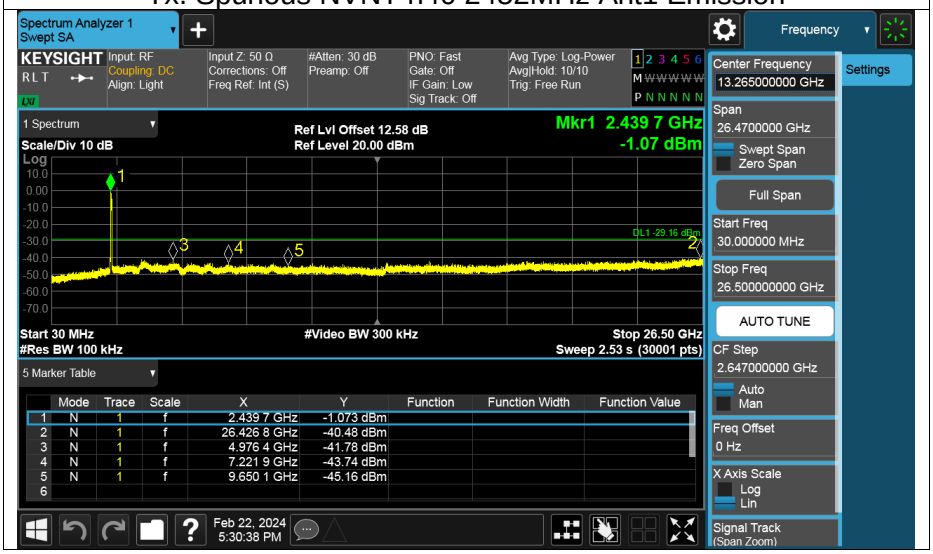

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11.1. APPENDIX G: DUTY CYCLE

Mode	N1 (msec)	N2 (msec)	N3 (msec)	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
b	7.430	8.432	16.63	8.198	9.200	0.8911	89.11	0.50	0.12	0.5
g	0.672	1.676	3.038	1.362	2.366	0.5757	57.57	2.40	0.73	1
n20	1.888	2.892	4.164	1.272	2.276	0.5589	55.89	2.53	0.79	1
n40	1.304	2.308	2.942	0.634	1.638	0.3871	38.71	4.12	1.58	2

Note:
On Time=N3-N2
Period=N3-N1
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

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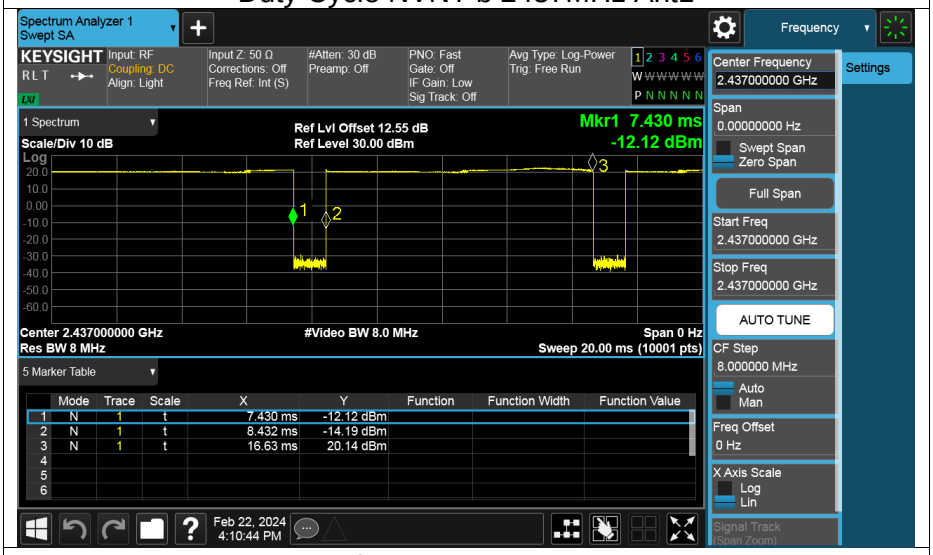
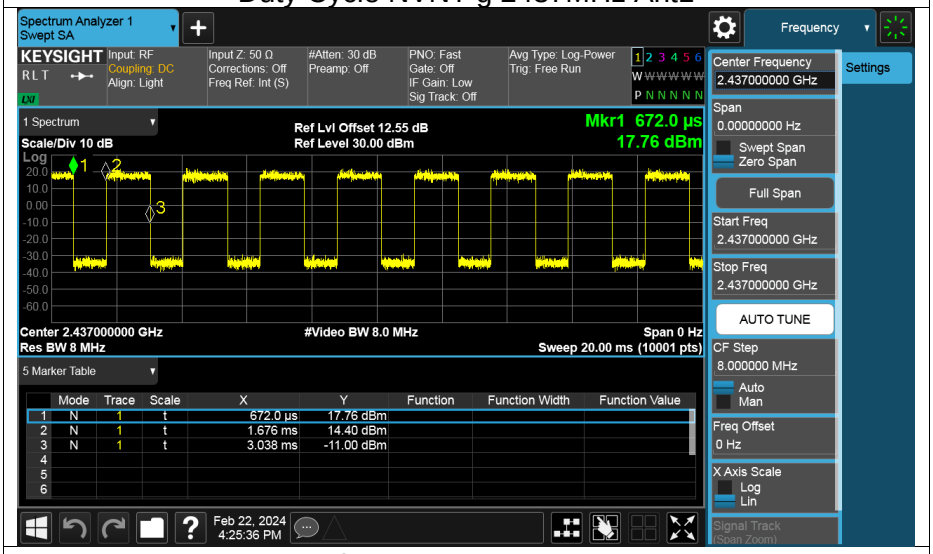
Test Graphs

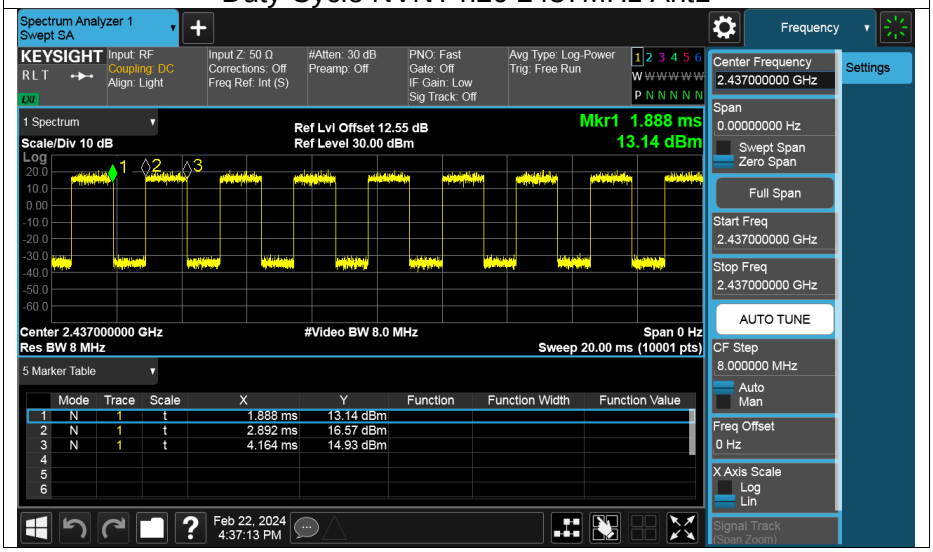
Duty Cycle NVNT b 2437MHz Ant1



Duty Cycle NVNT g 2437MHz Ant1



Duty Cycle NVNT n20 2437MHz Ant1



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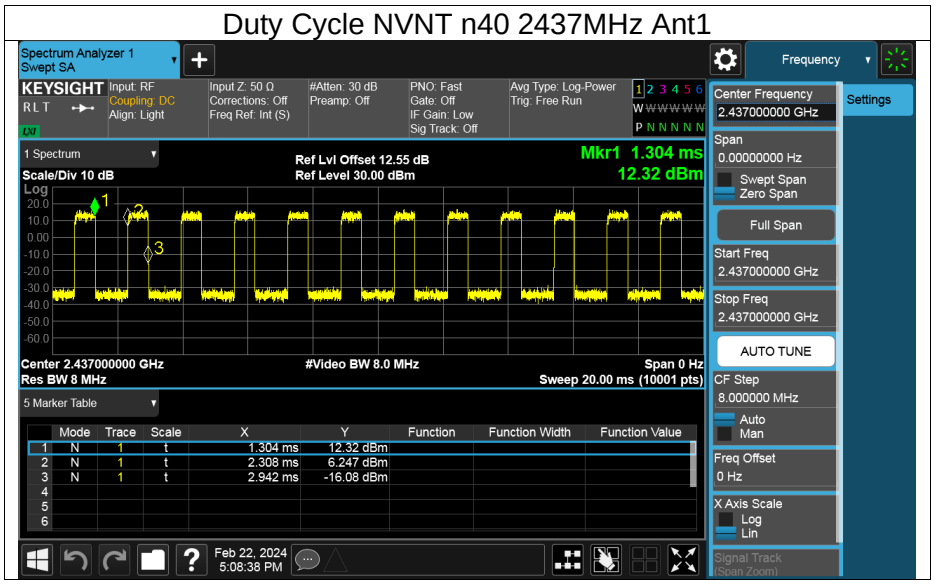
Duty Cycle NVNT n40 2437MHz Ant1



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