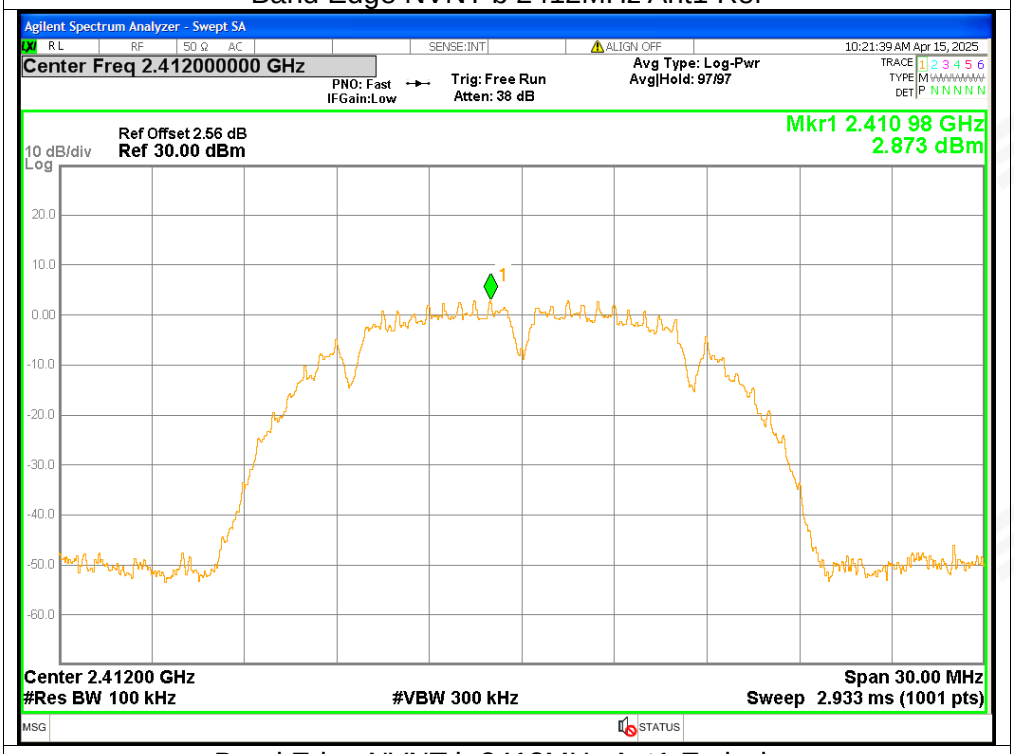
Band Edge

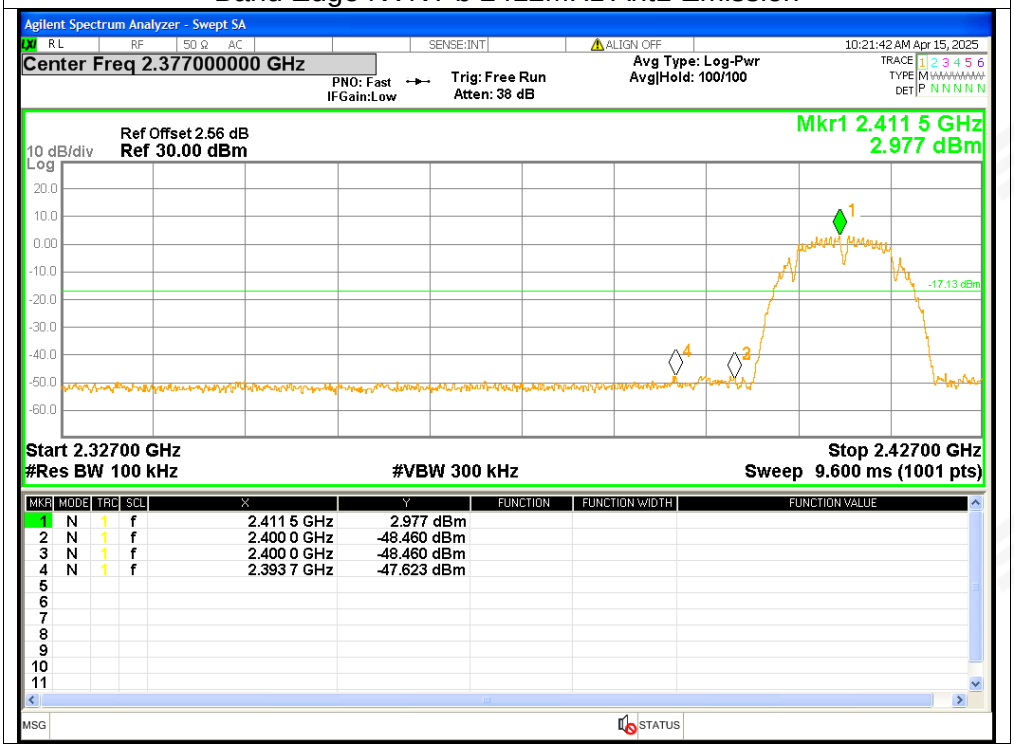
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-50.49	<=-20	Pass
NVNT	b	2462	Ant1	-52.18	<=-20	Pass
NVNT	b	2412	Ant2	-51.79	<=-20	Pass
NVNT	b	2462	Ant2	-53.08	<=-20	Pass
NVNT	g	2412	Ant1	-30.83	<=-20	Pass
NVNT	g	2462	Ant1	-55.52	<=-20	Pass
NVNT	g	2412	Ant2	-30.17	<=-20	Pass
NVNT	g	2462	Ant2	-46.53	<=-20	Pass
NVNT	n20	2412	Ant1	-31.69	<=-20	Pass
NVNT	n20	2412	Ant2	-32.97	<=-20	Pass
NVNT	n20	2462	Ant1	-57.14	<=-20	Pass
NVNT	n20	2462	Ant2	-47.08	<=-20	Pass

Test Graphs

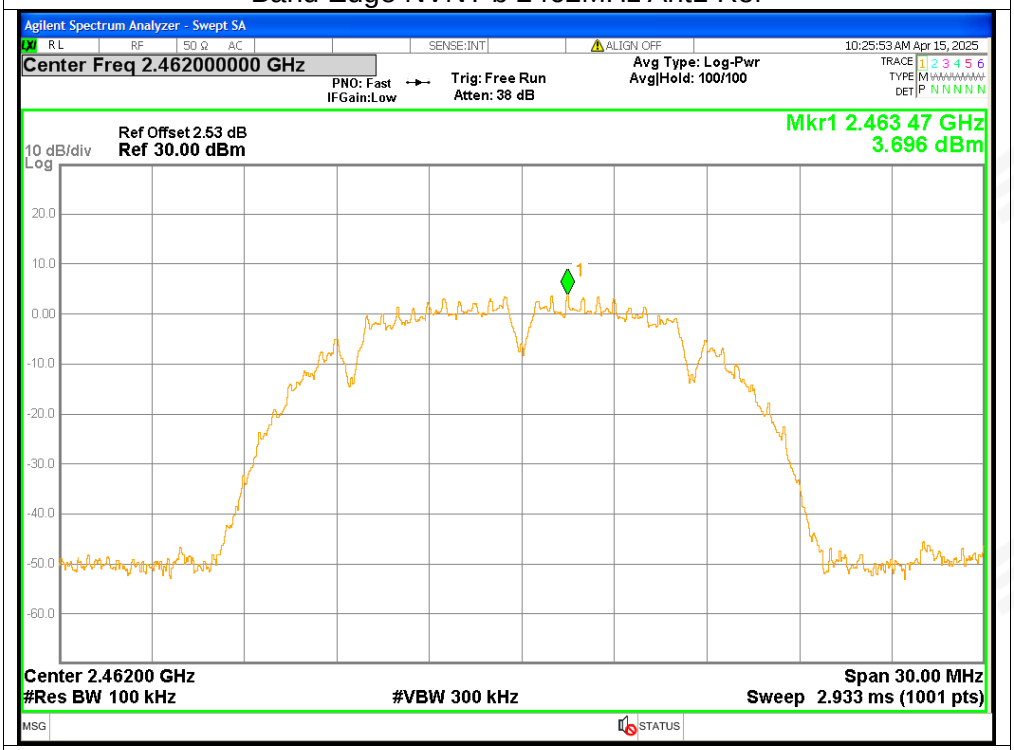
Band Edge NVNT b 2412MHz Ant1 Ref



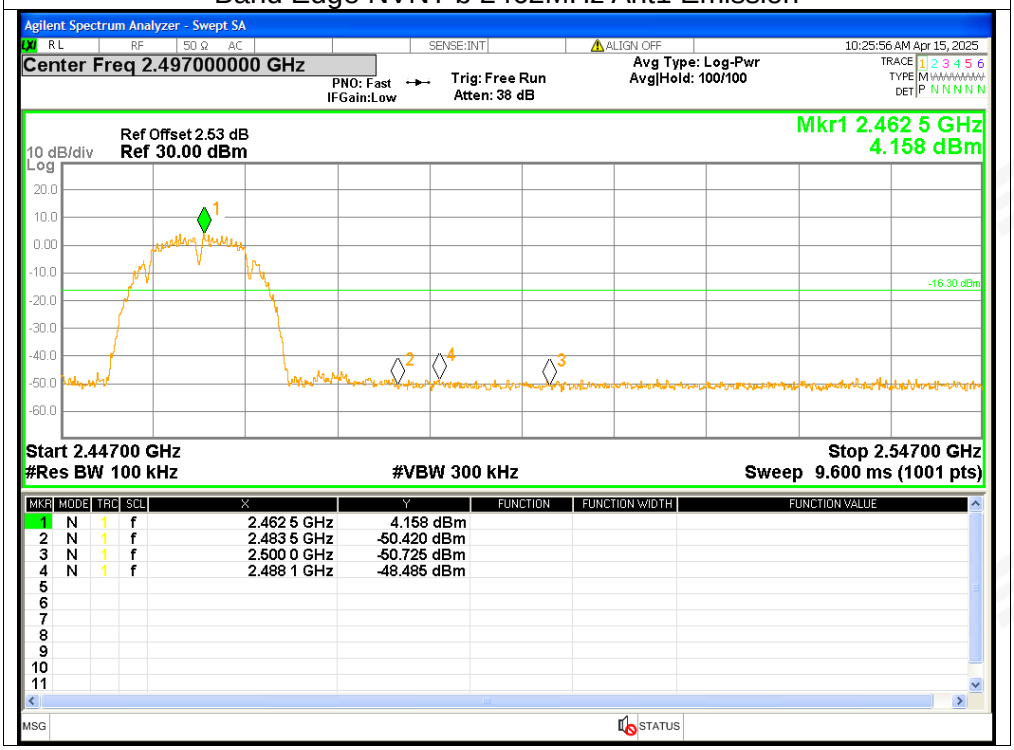
Band Edge NVNT b 2412MHz Ant1 Emission



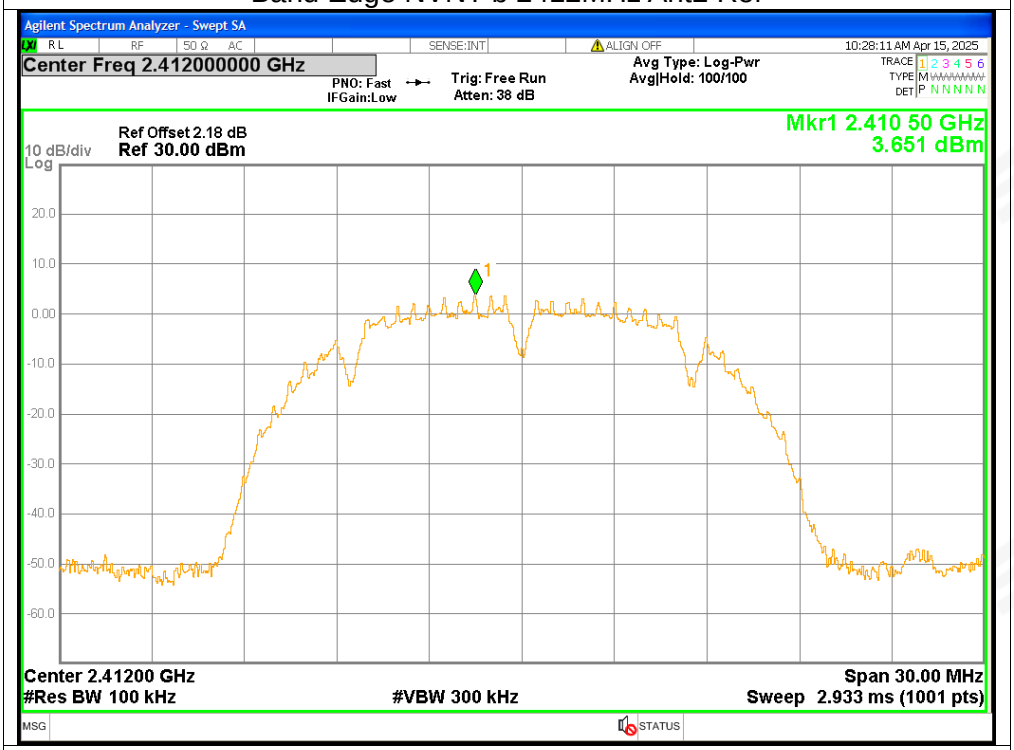
Band Edge NVNT b 2462MHz Ant1 Ref



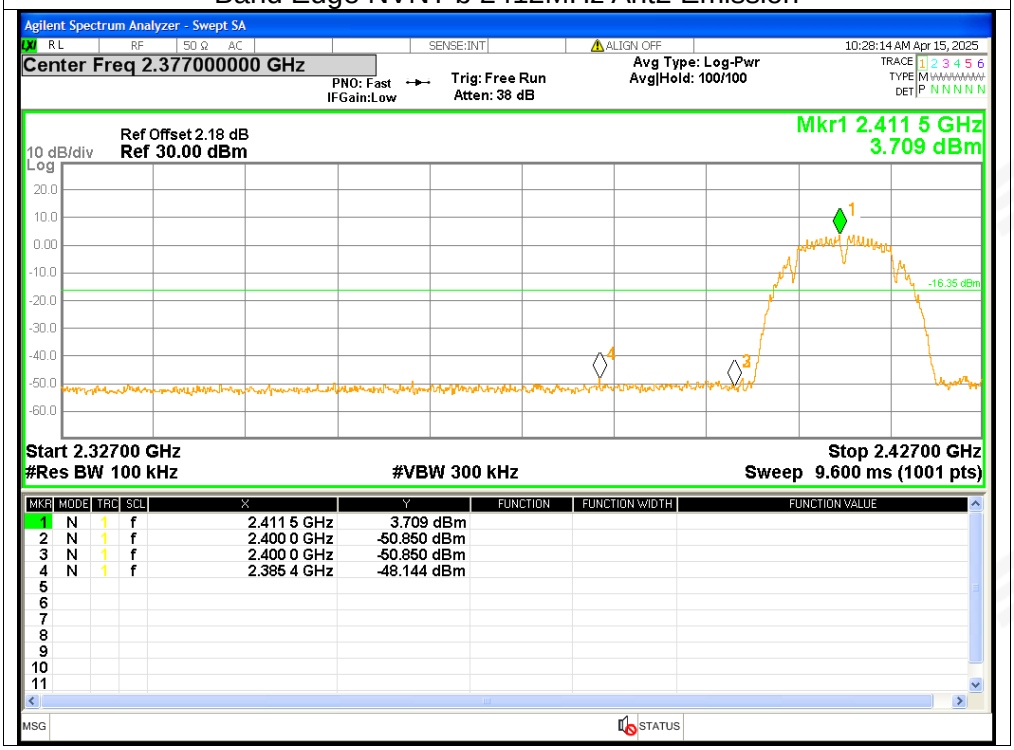
Band Edge NVNT b 2462MHz Ant1 Emission



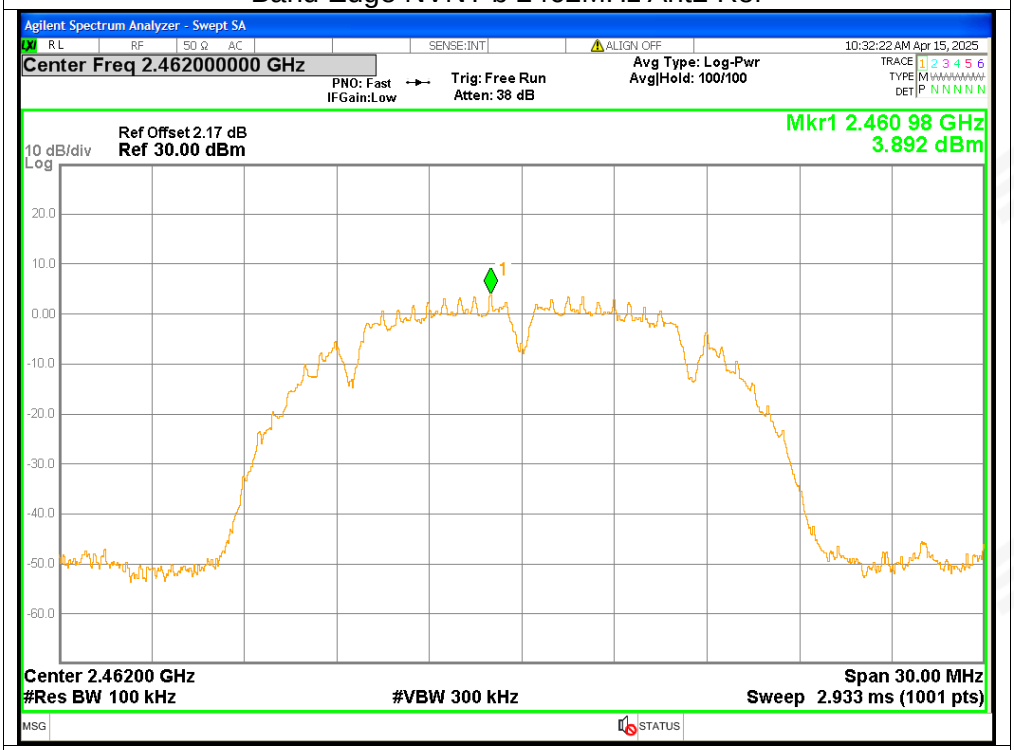
Band Edge NVNT b 2412MHz Ant2 Ref



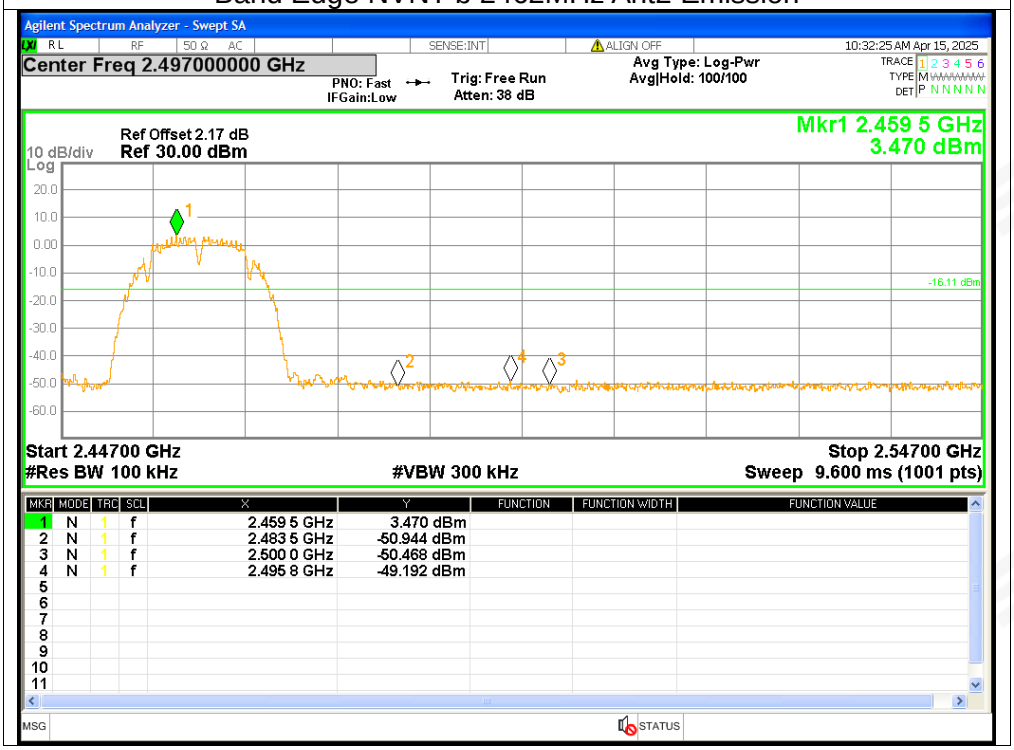
Band Edge NVNT b 2412MHz Ant2 Emission



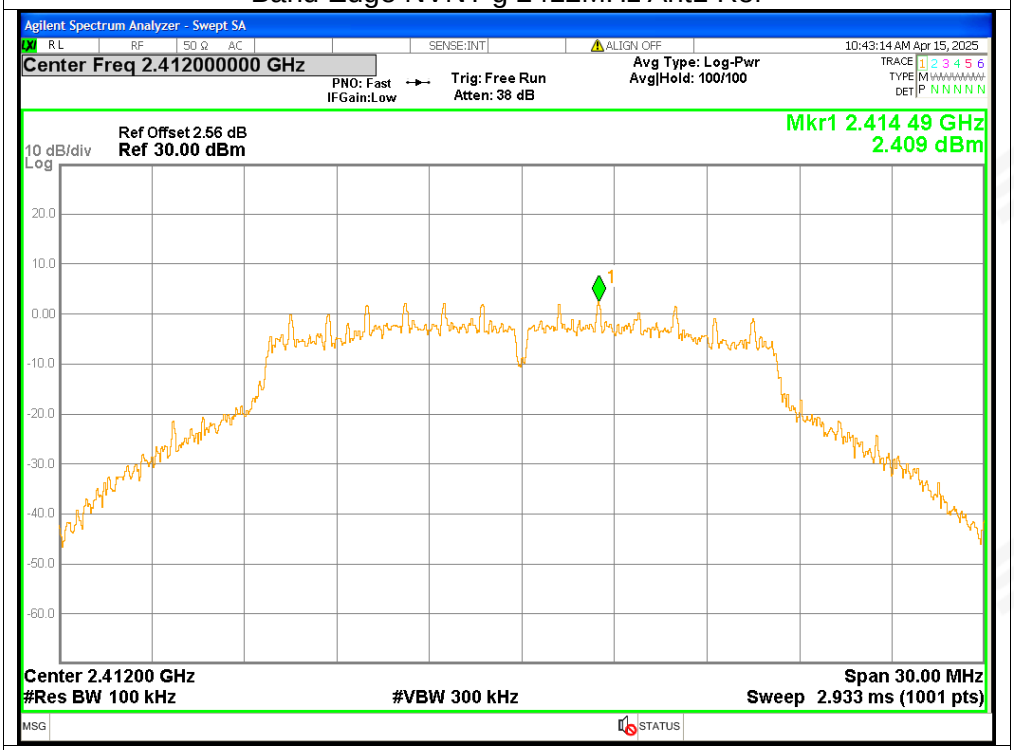
Band Edge NVNT b 2462MHz Ant2 Ref



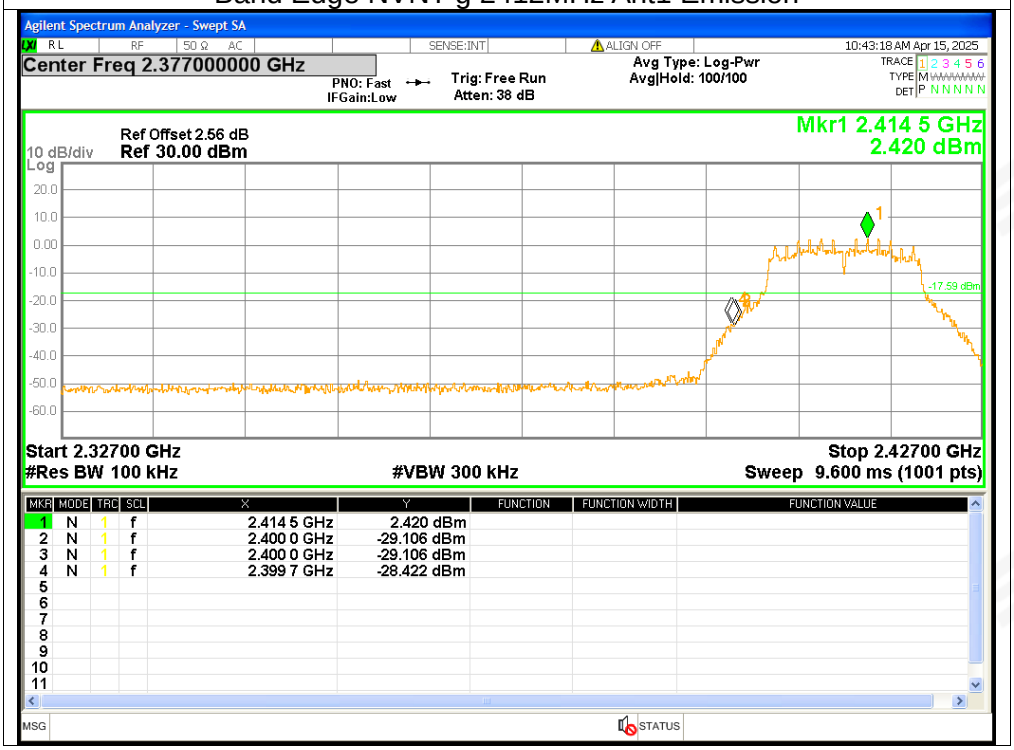
Band Edge NVNT b 2462MHz Ant2 Emission



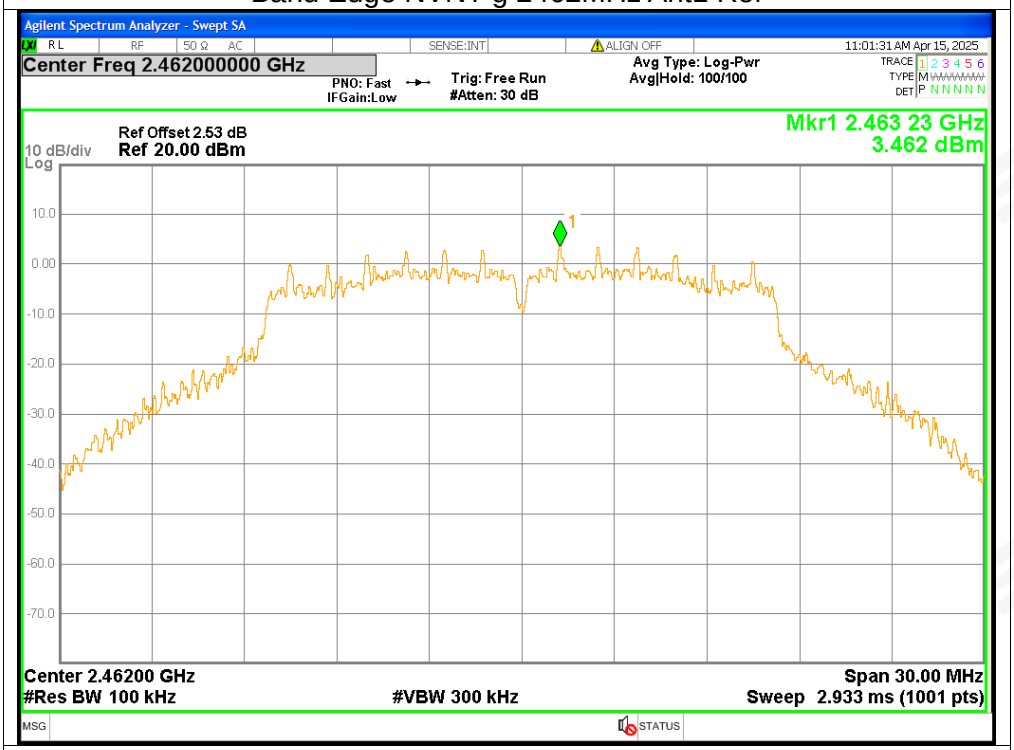
Band Edge NVNT g 2412MHz Ant1 Ref



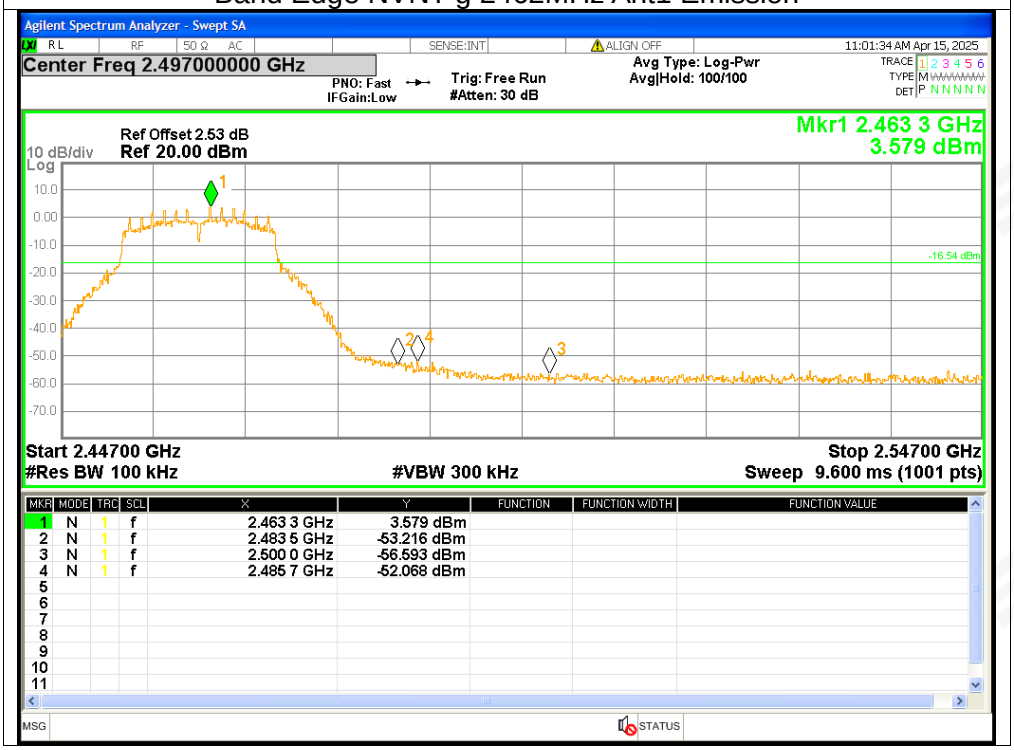
Band Edge NVNT g 2412MHz Ant1 Emission



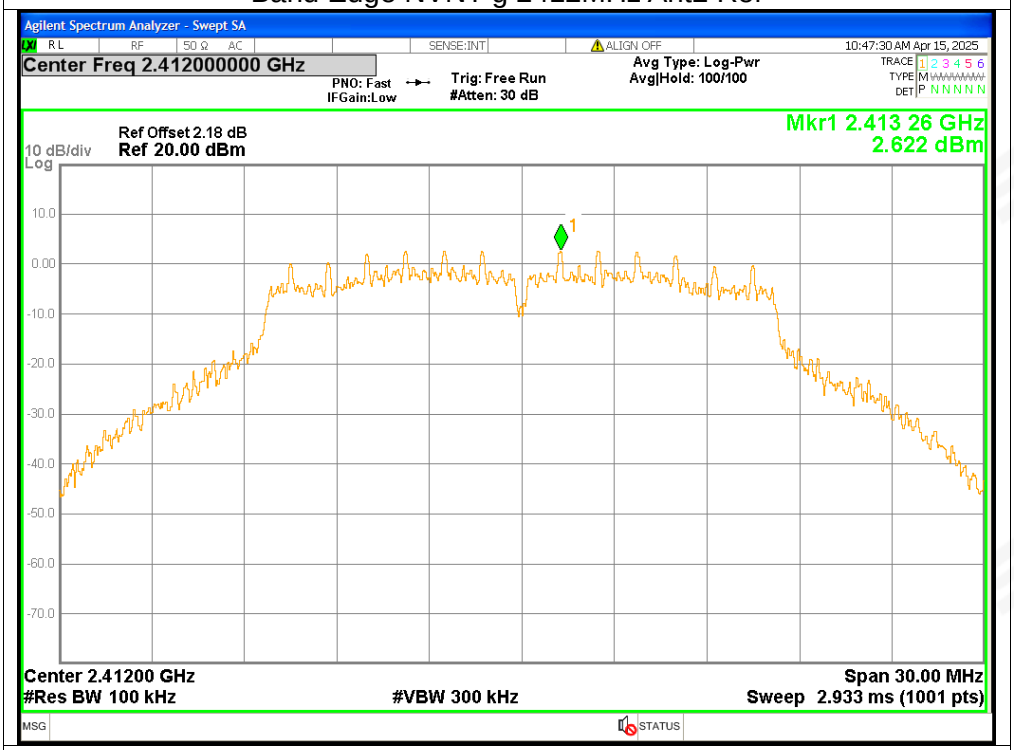
Band Edge NVNT g 2462MHz Ant1 Ref



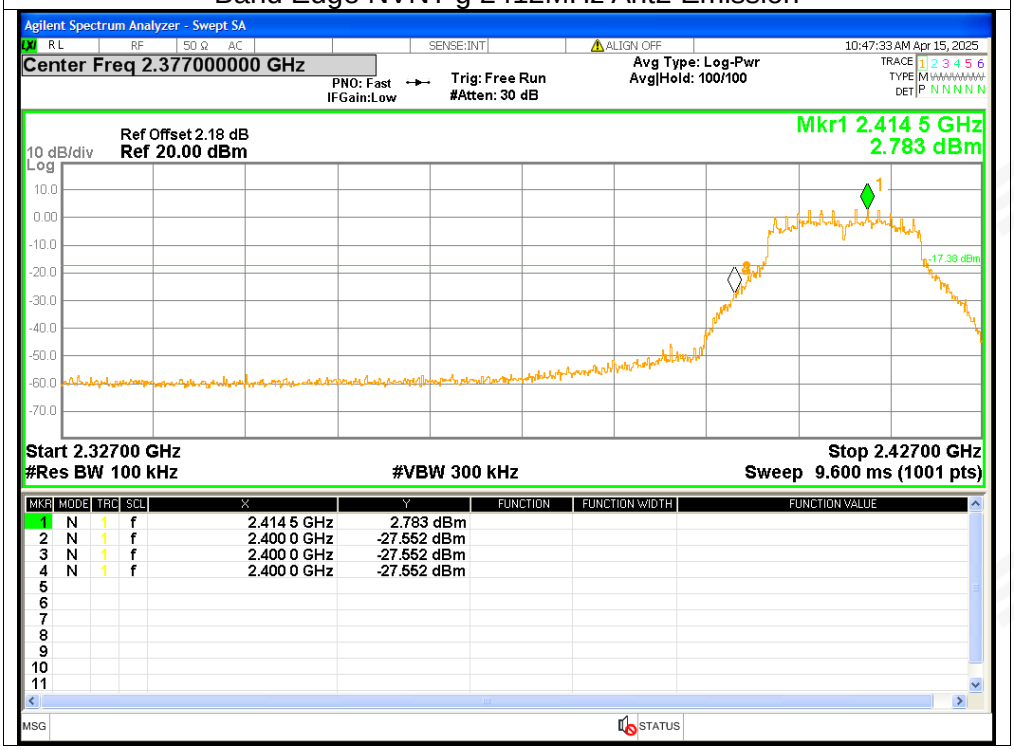
Band Edge NVNT g 2462MHz Ant1 Emission



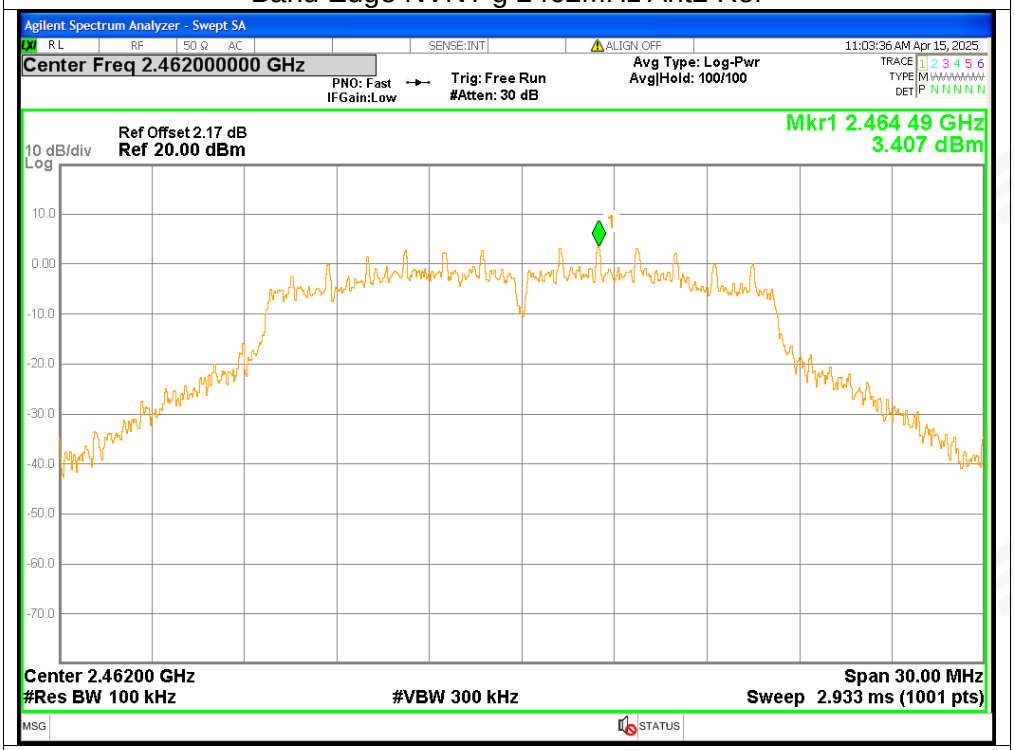
Band Edge NVNT g 2412MHz Ant2 Ref



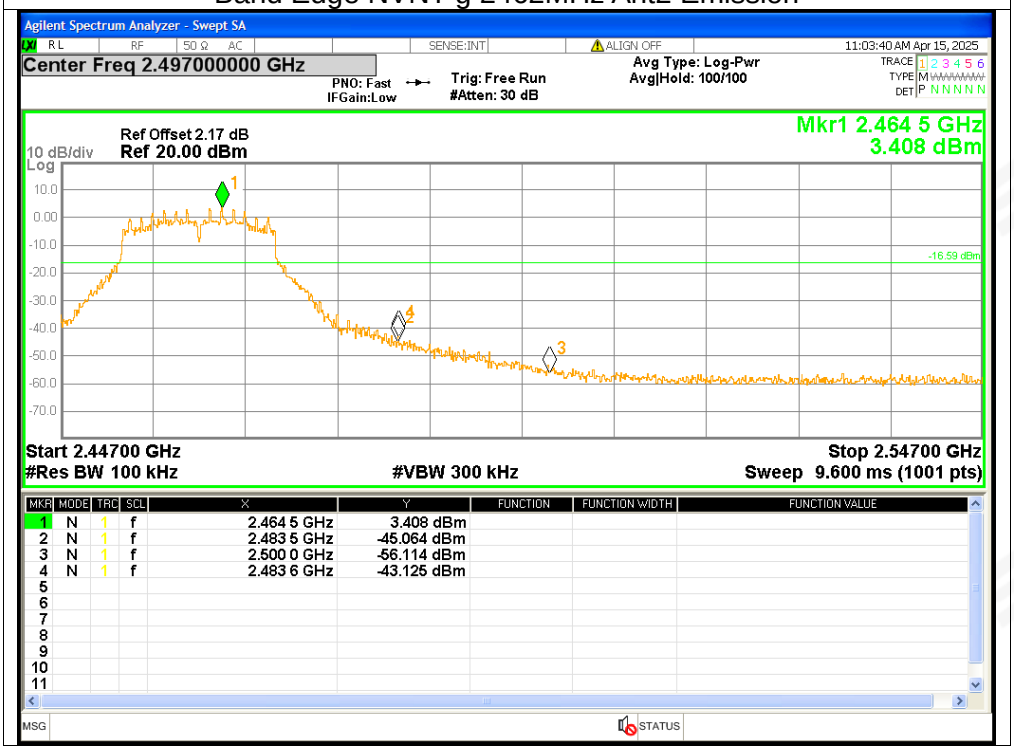
Band Edge NVNT g 2412MHz Ant2 Emission



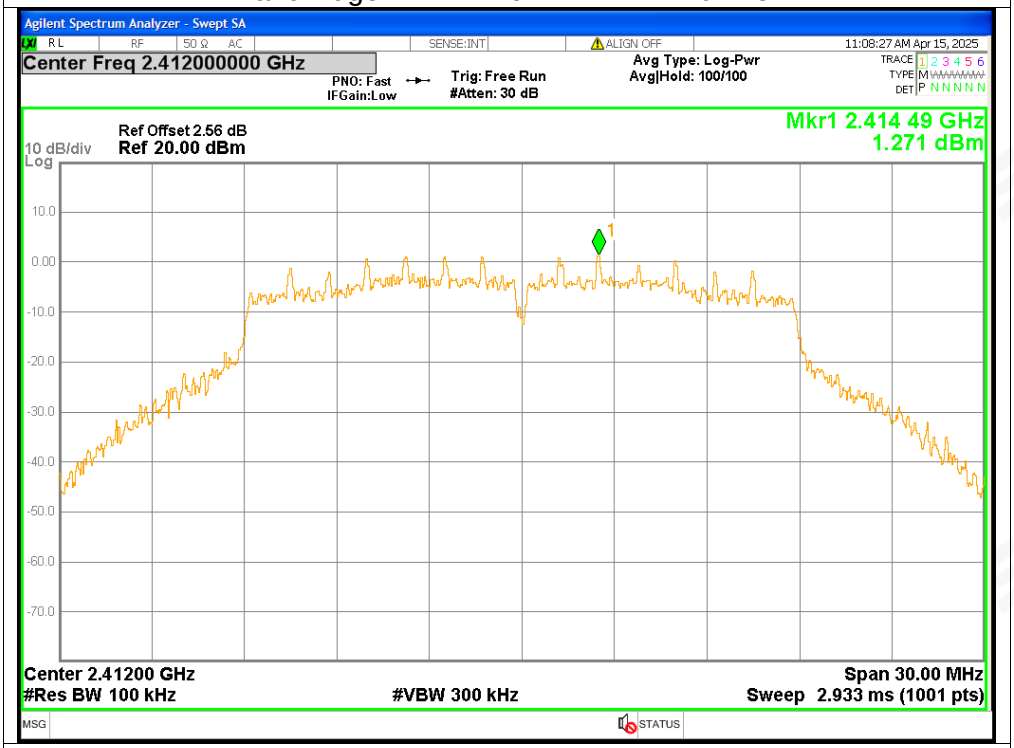
Band Edge NVNT g 2462MHz Ant2 Ref



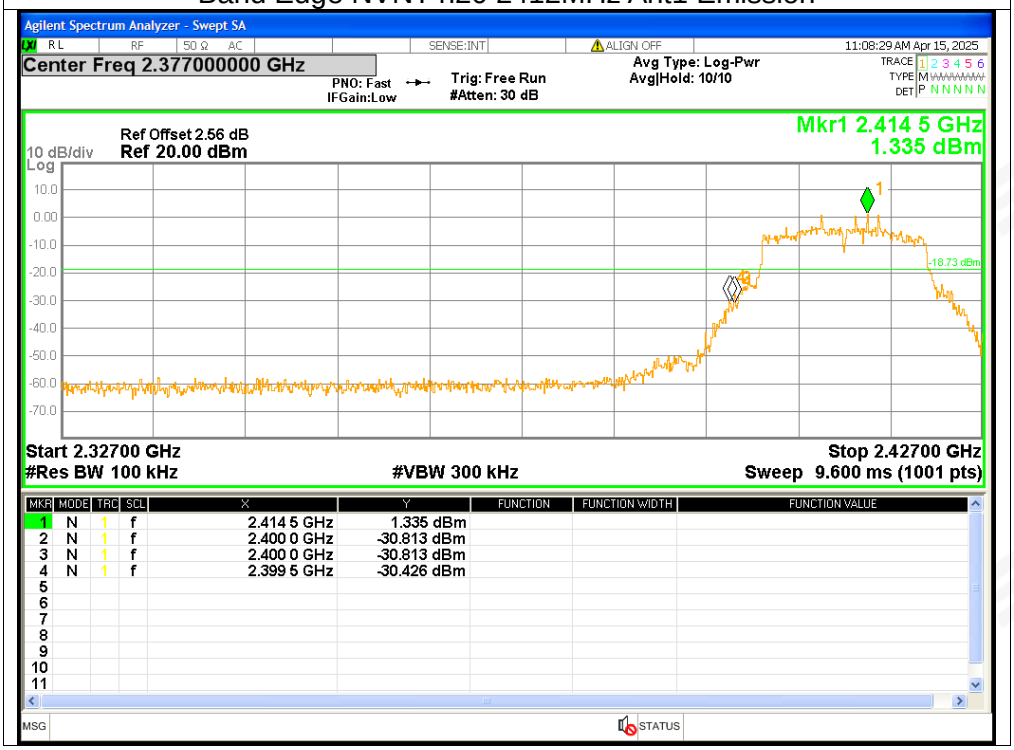
Band Edge NVNT g 2462MHz Ant2 Emission



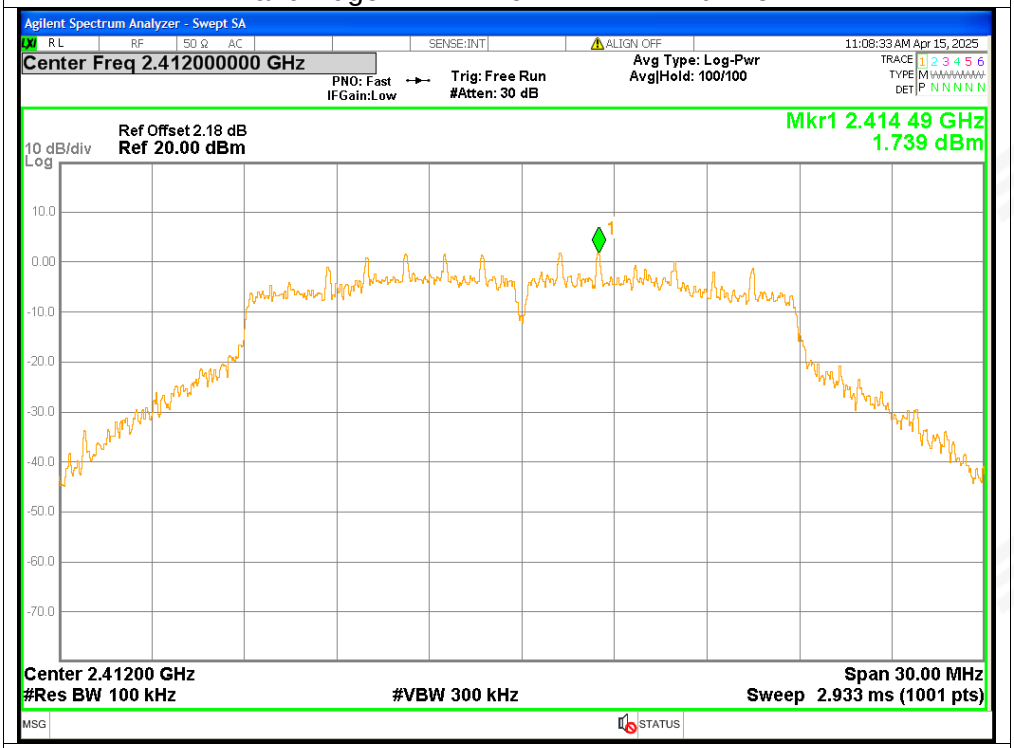
Band Edge NVNT n20 2412MHz Ant1 Ref



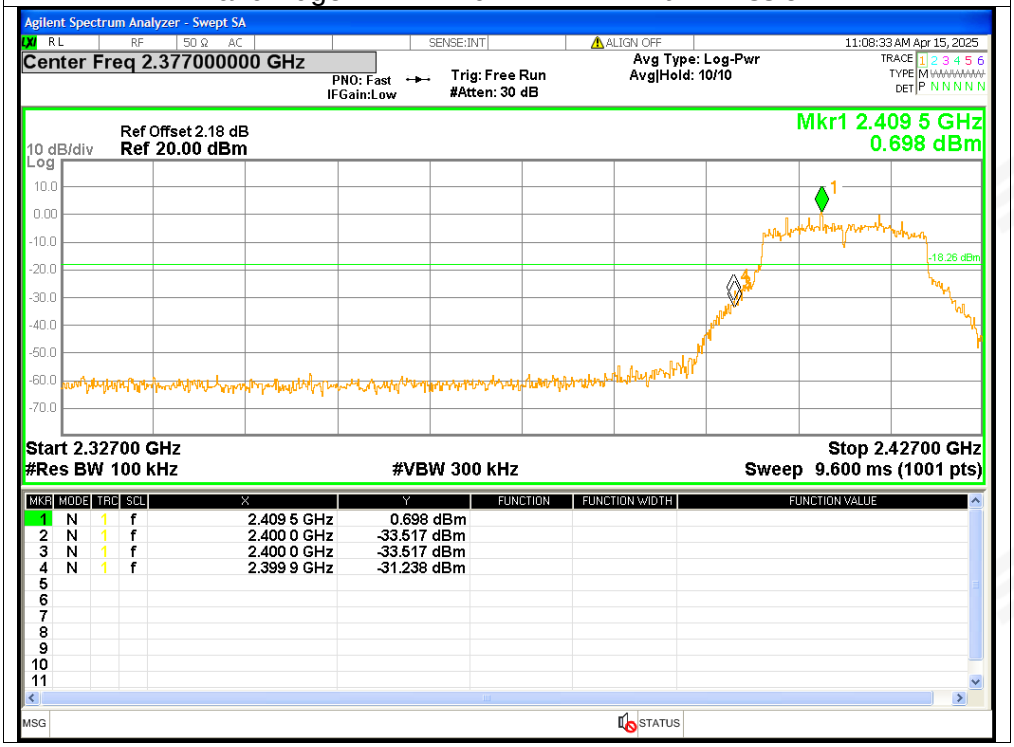
Band Edge NVNT n20 2412MHz Ant1 Emission



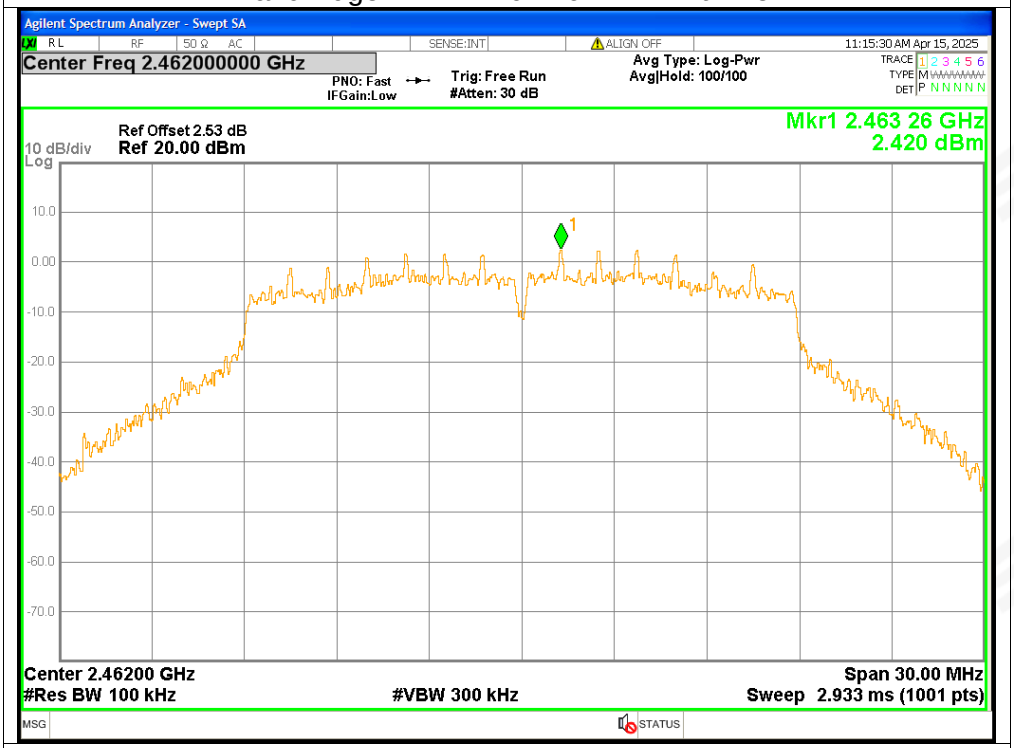
Band Edge NVNT n20 2412MHz Ant2 Ref



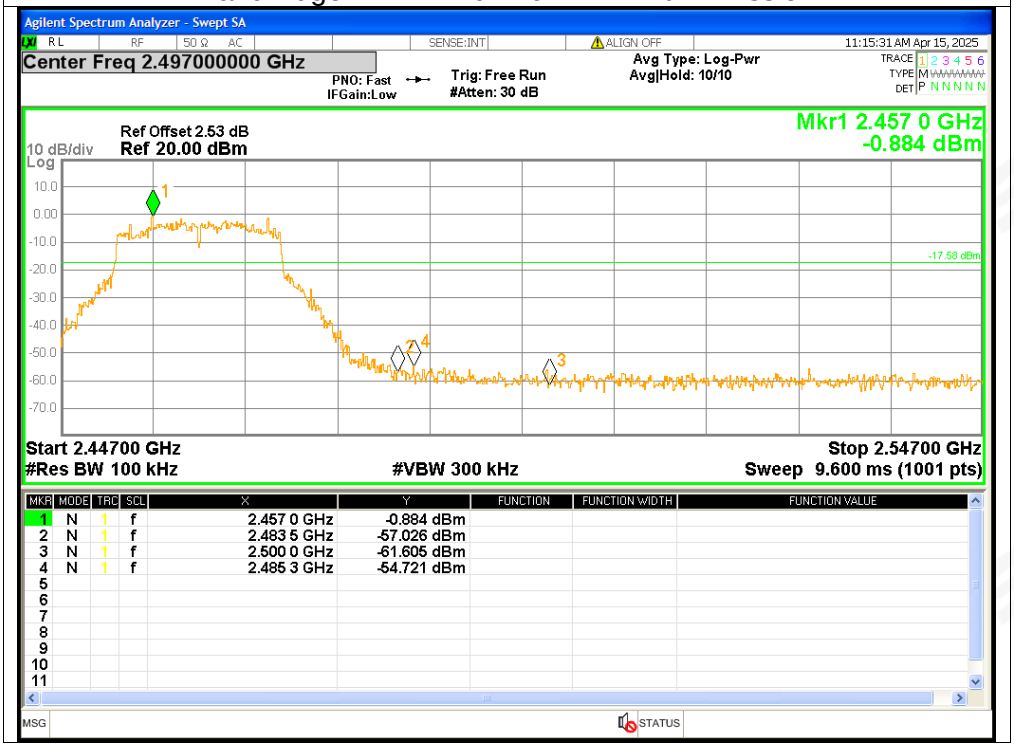
Band Edge NVNT n20 2412MHz Ant2 Emission



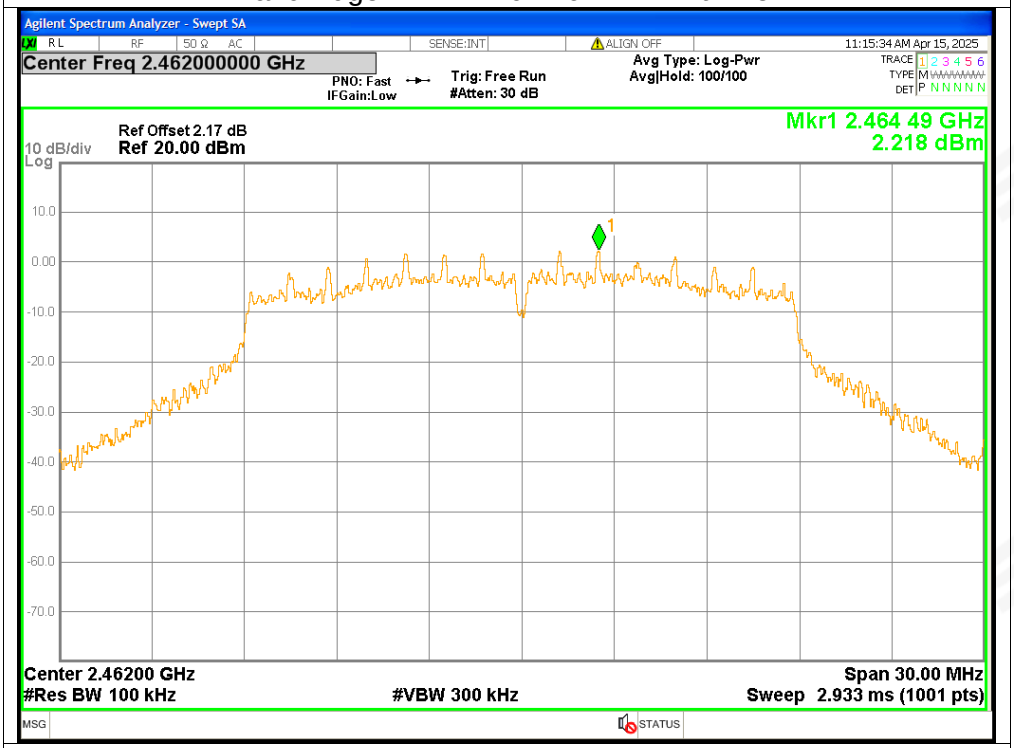
Band Edge NVNT n20 2462MHz Ant1 Ref



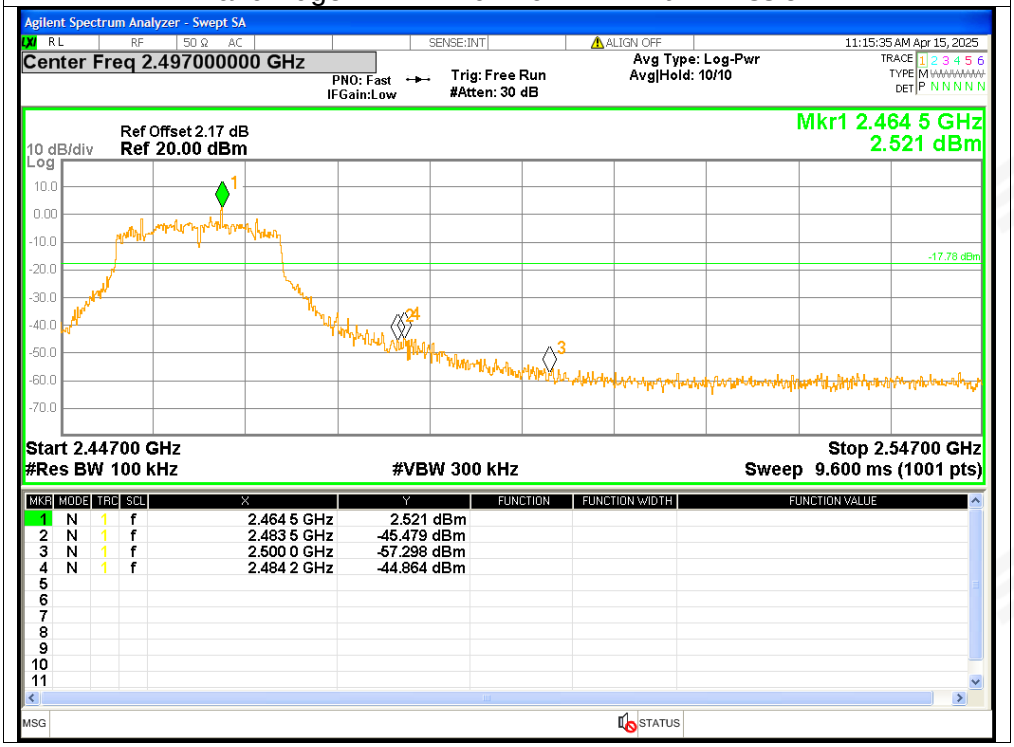
Band Edge NVNT n20 2462MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant2 Ref



Band Edge NVNT n20 2462MHz Ant2 Emission

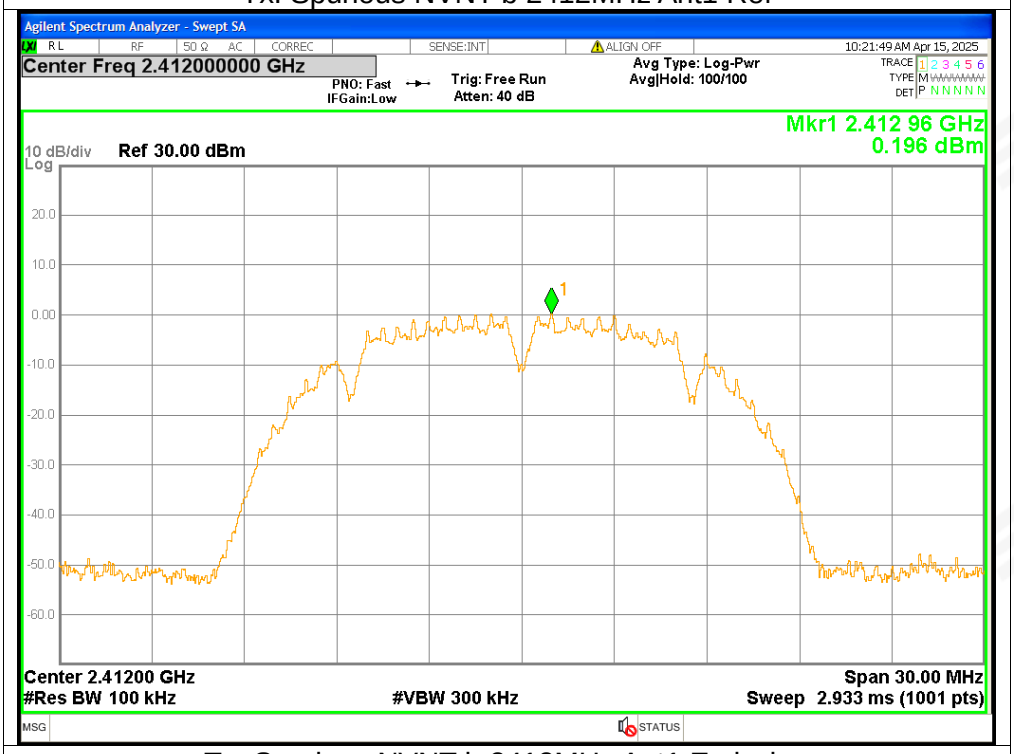


Conducted RF Spurious Emission

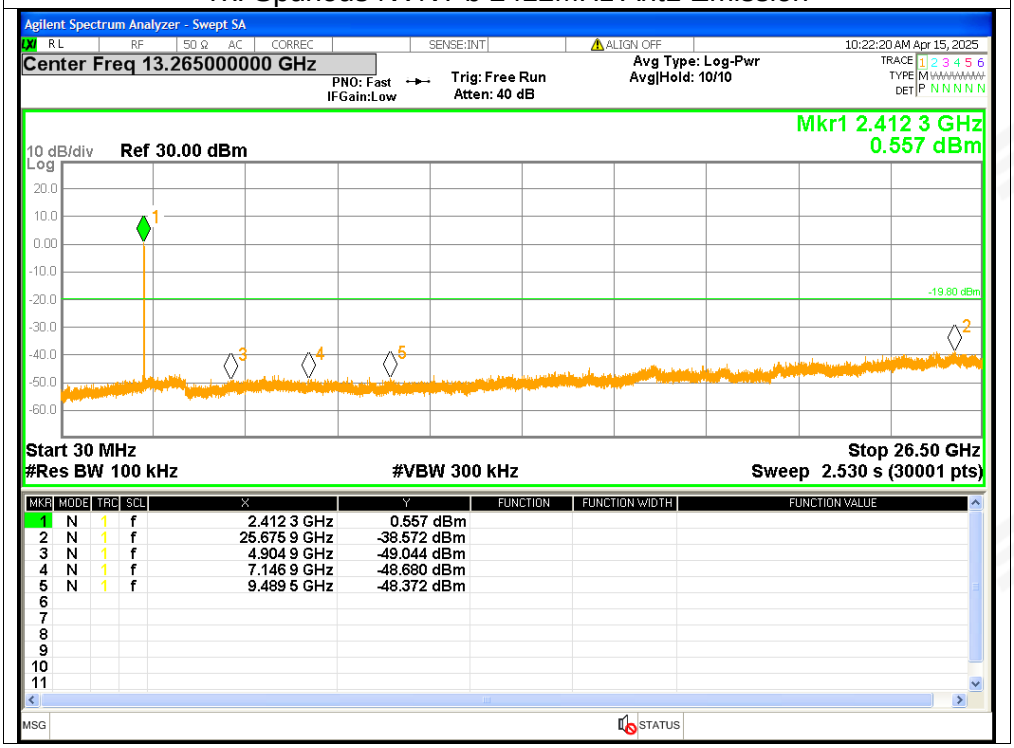
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-38.77	<=-20	Pass
NVNT	b	2437	Ant1	-39.9	<=-20	Pass
NVNT	b	2462	Ant1	-40.42	<=-20	Pass
NVNT	b	2412	Ant2	-39.67	<=-20	Pass
NVNT	b	2437	Ant2	-39.2	<=-20	Pass
NVNT	b	2462	Ant2	-40.13	<=-20	Pass
NVNT	g	2412	Ant1	-38.45	<=-20	Pass
NVNT	g	2437	Ant1	-49.54	<=-20	Pass
NVNT	g	2462	Ant1	-49.39	<=-20	Pass
NVNT	g	2412	Ant2	-49.52	<=-20	Pass
NVNT	g	2437	Ant2	-49.26	<=-20	Pass
NVNT	g	2462	Ant2	-50.46	<=-20	Pass
NVNT	n20	2412	Ant1	-45.9	<=-20	Pass
NVNT	n20	2412	Ant2	-48	<=-20	Pass
NVNT	n20	2437	Ant1	-47.39	<=-20	Pass
NVNT	n20	2437	Ant2	-47.9	<=-20	Pass
NVNT	n20	2462	Ant1	-48.11	<=-20	Pass
NVNT	n20	2462	Ant2	-48.94	<=-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref

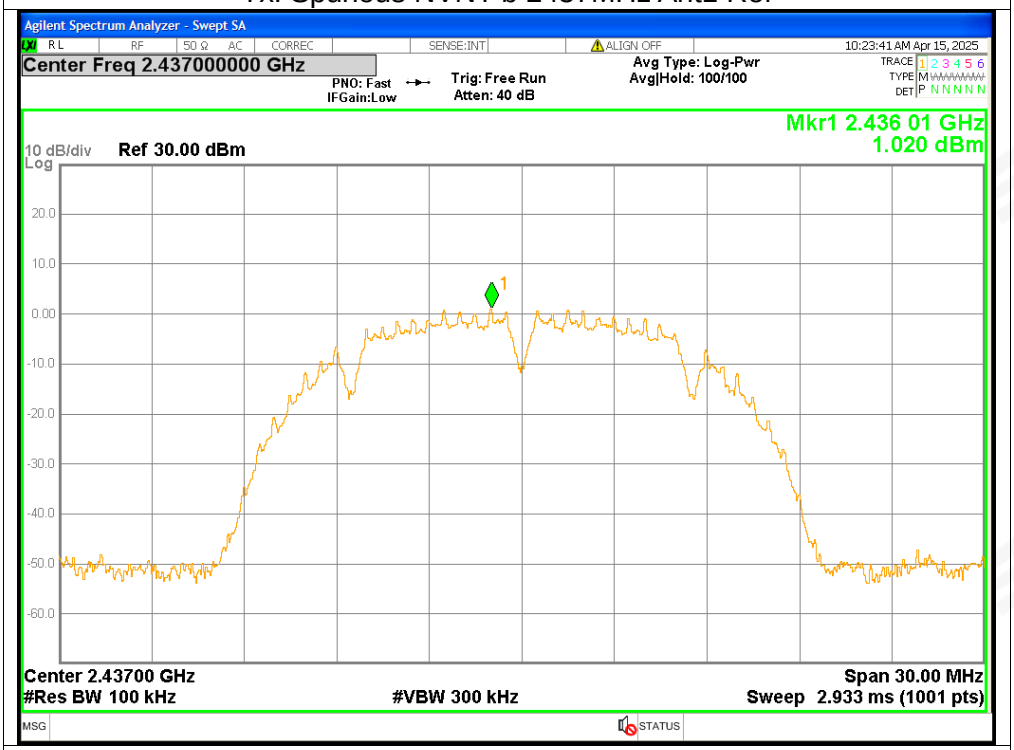


Tx. Spurious NVNT b 2412MHz Ant1 Emission

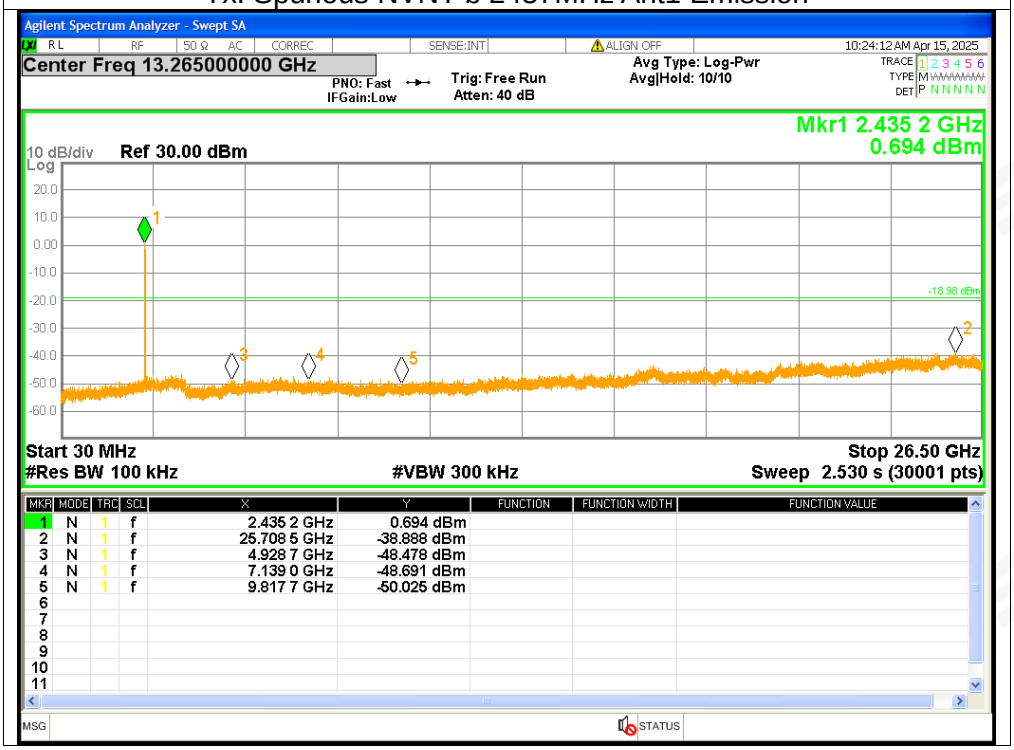


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.412 3 GHz	0.557 dBm			
2	N	1	f	25.675 9 GHz	-38.572 dBm			
3	N	1	f	4.904 9 GHz	-49.044 dBm			
4	N	1	f	7.146 9 GHz	-48.680 dBm			
5	N	1	f	9.489 5 GHz	-48.372 dBm			
6								
7								
8								
9								
10								
11								

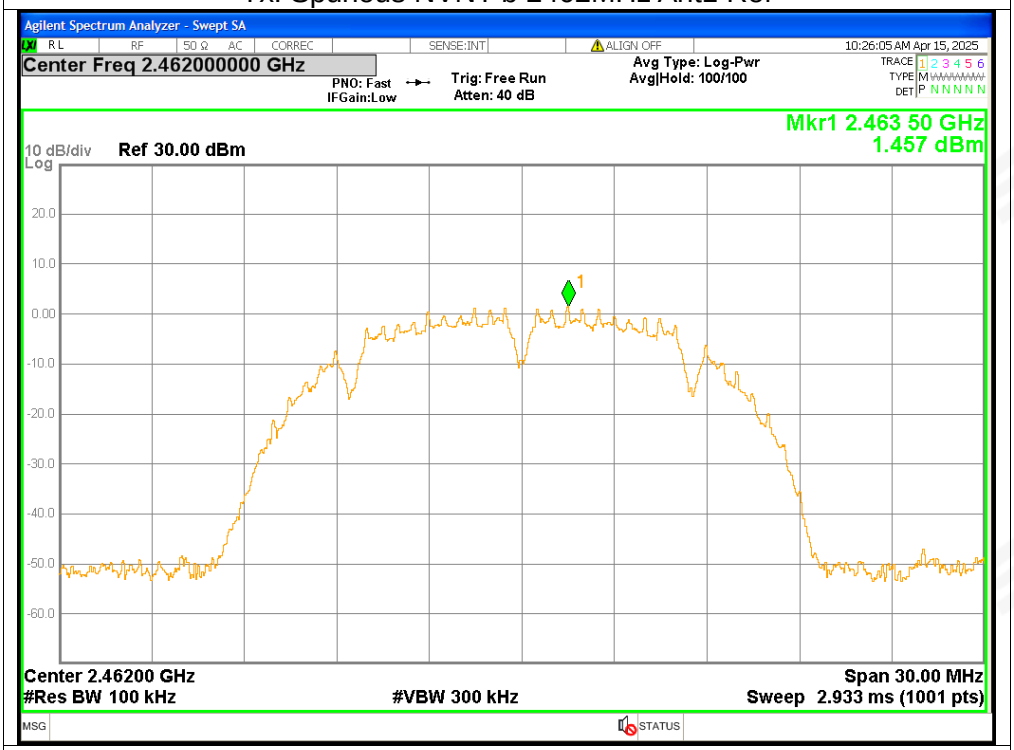
Tx. Spurious NVNT b 2437MHz Ant1 Ref



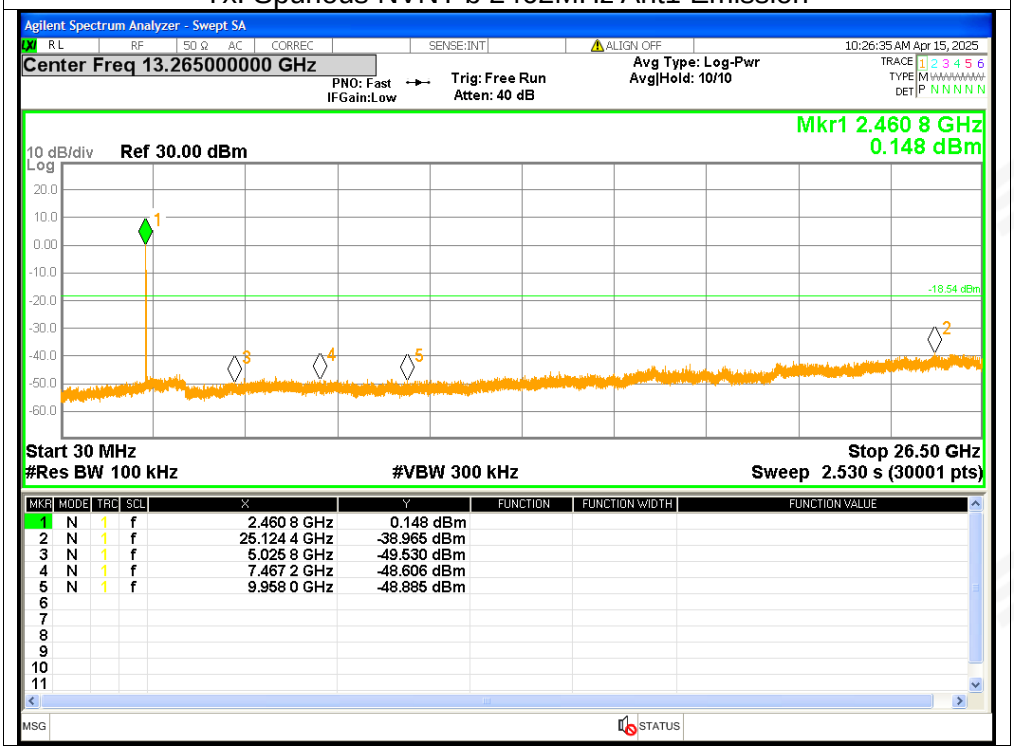
Tx. Spurious NVNT b 2437MHz Ant1 Emission



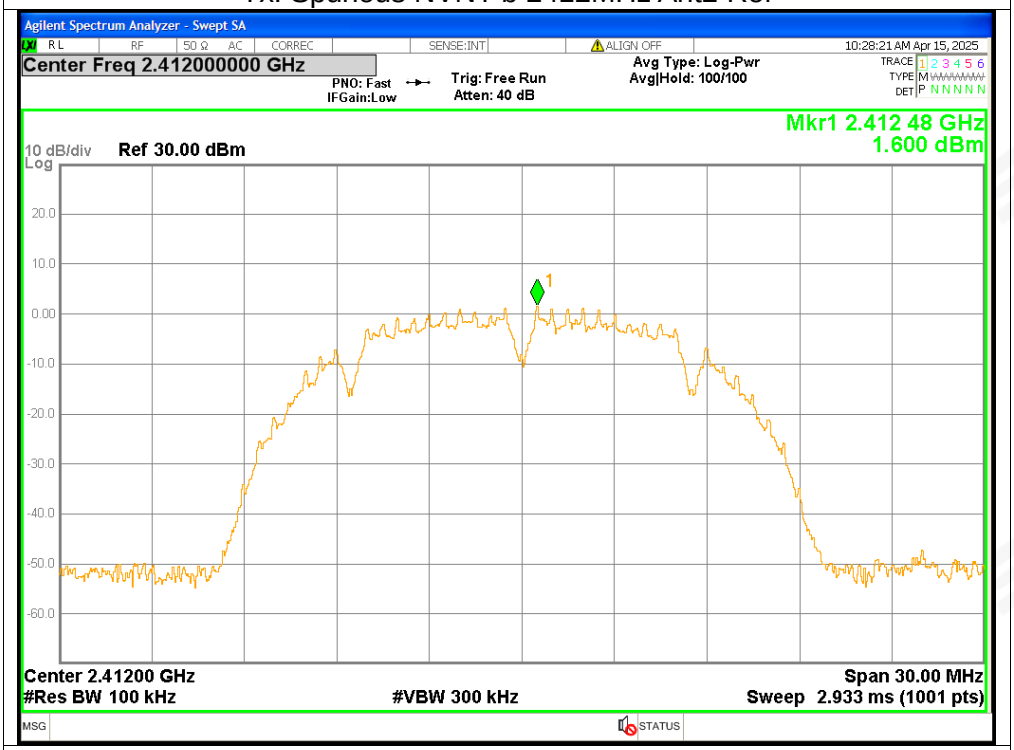
Tx. Spurious NVNT b 2462MHz Ant1 Ref



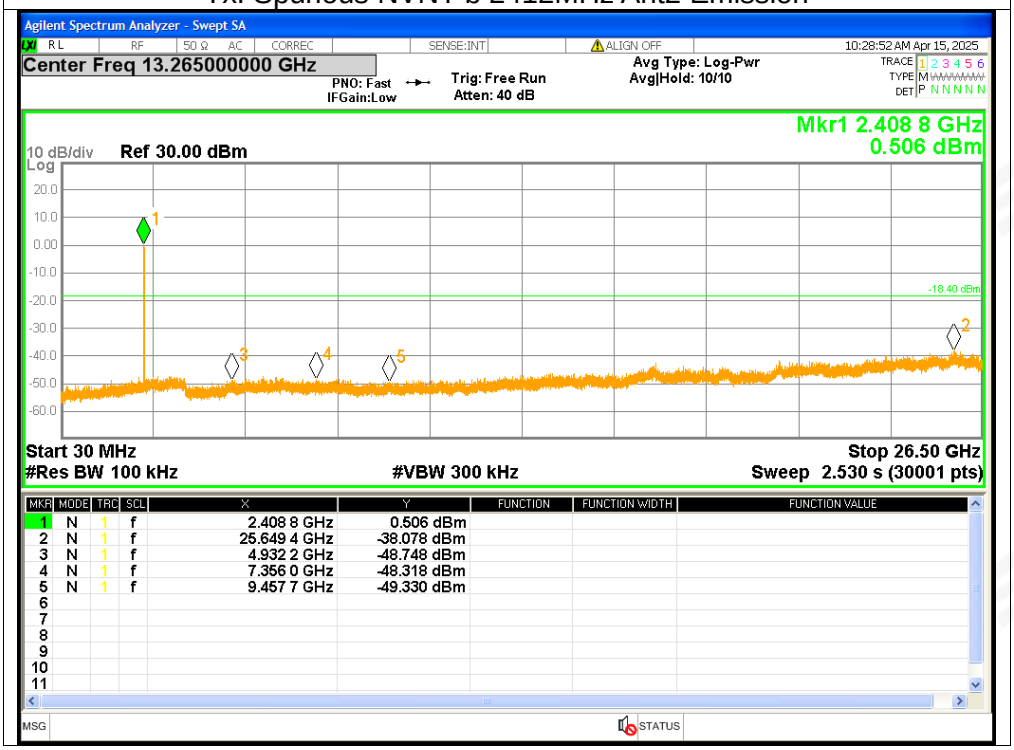
Tx. Spurious NVNT b 2462MHz Ant1 Emission



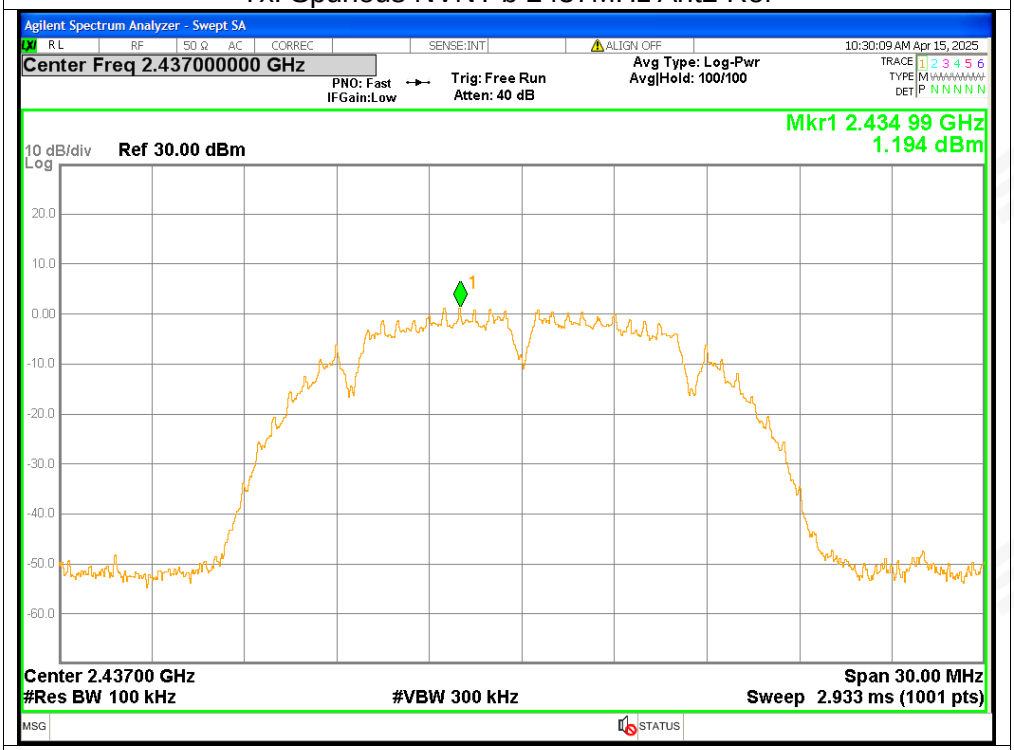
Tx. Spurious NVNT b 2412MHz Ant2 Ref



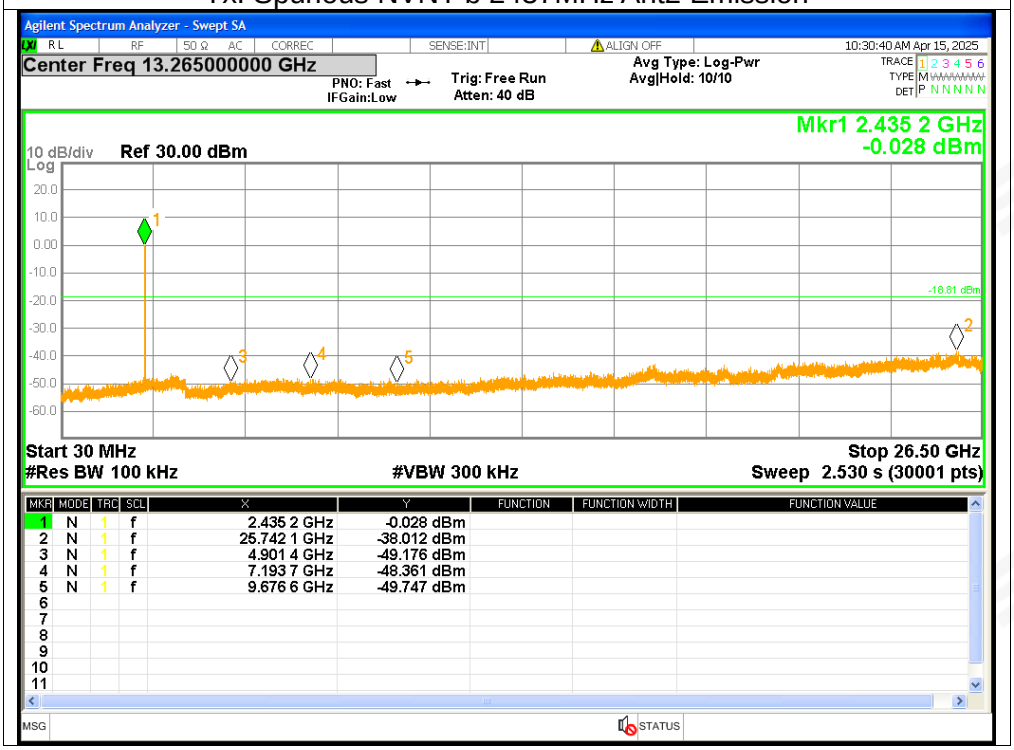
Tx. Spurious NVNT b 2412MHz Ant2 Emission



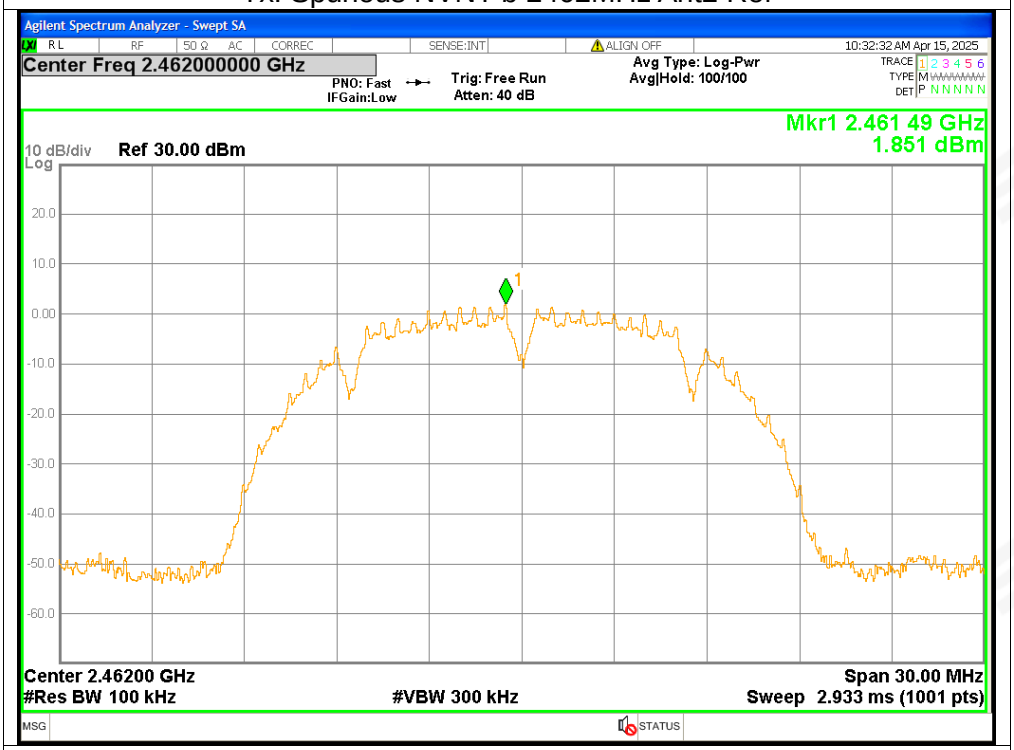
Tx. Spurious NVNT b 2437MHz Ant2 Ref



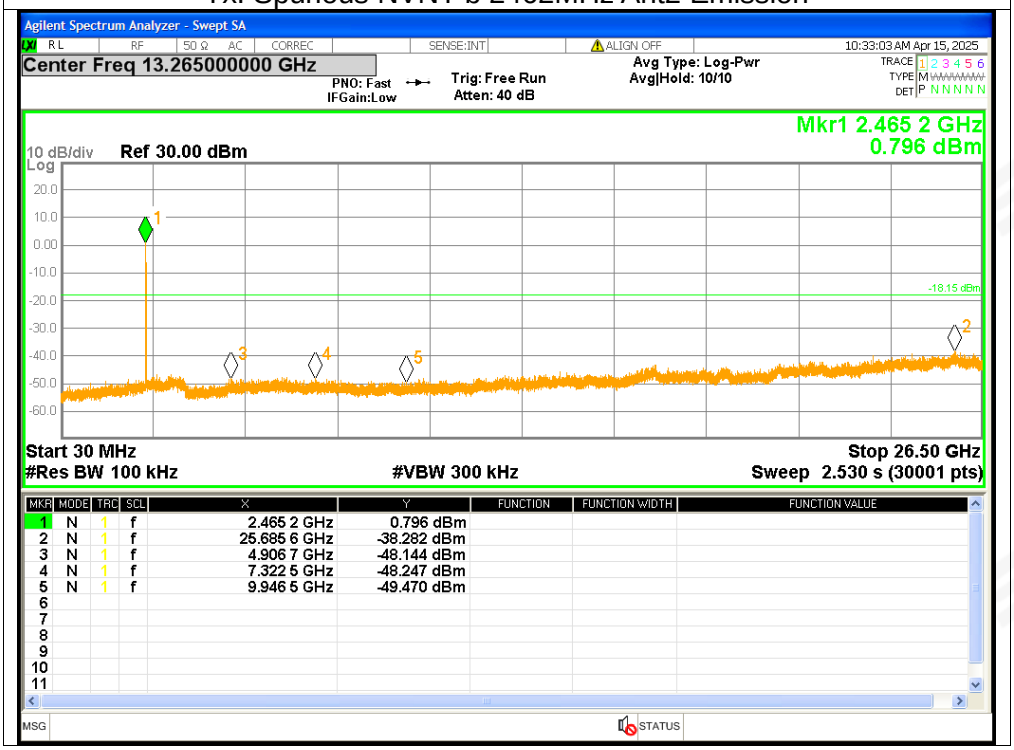
Tx. Spurious NVNT b 2437MHz Ant2 Emission



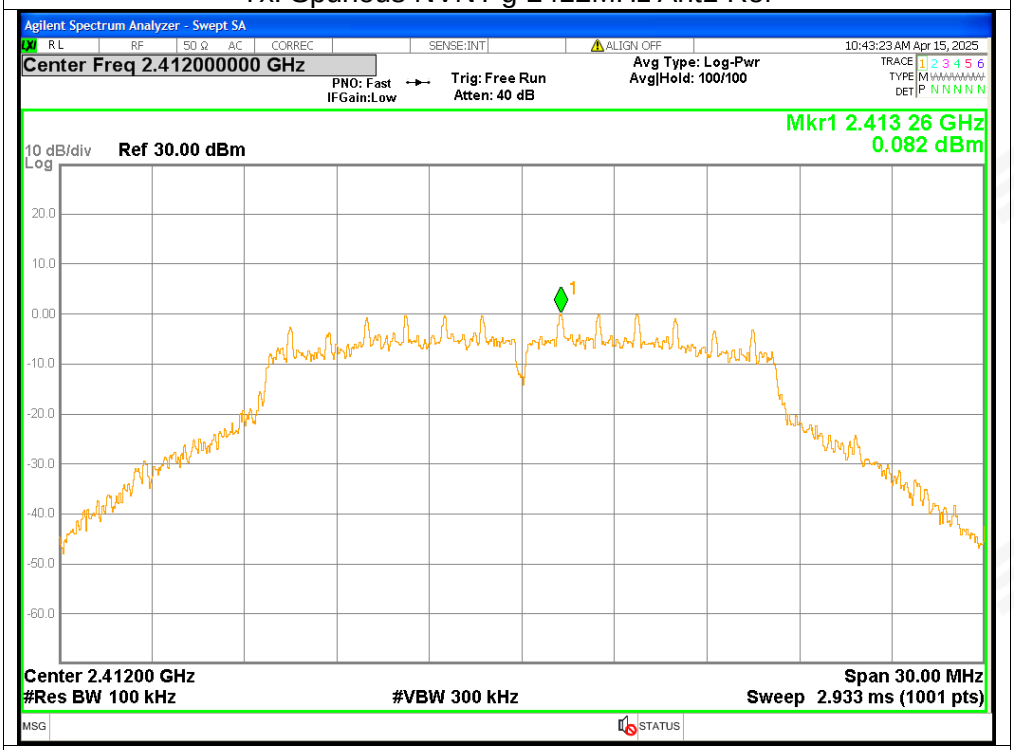
Tx. Spurious NVNT b 2462MHz Ant2 Ref



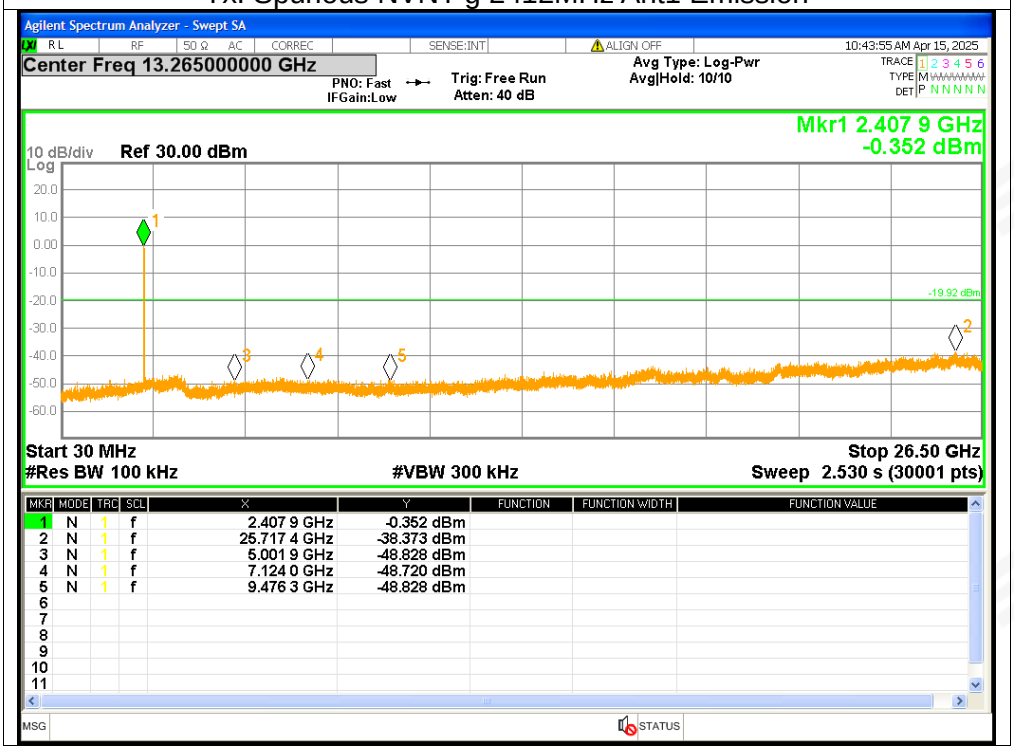
Tx. Spurious NVNT b 2462MHz Ant2 Emission



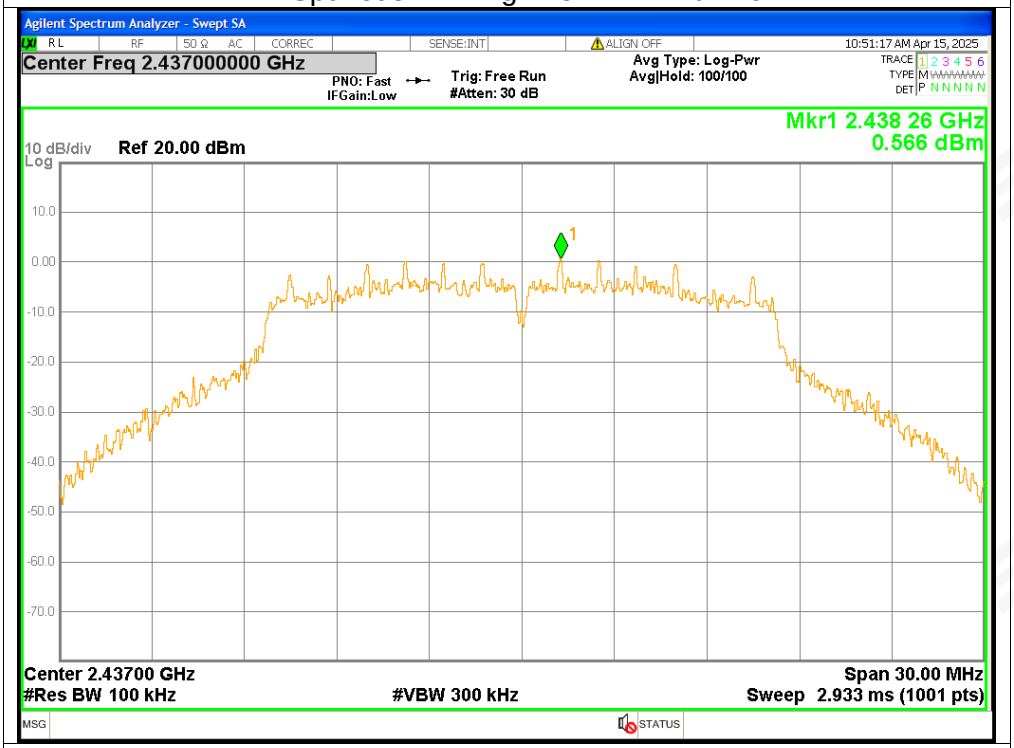
Tx. Spurious NVNT g 2412MHz Ant1 Ref



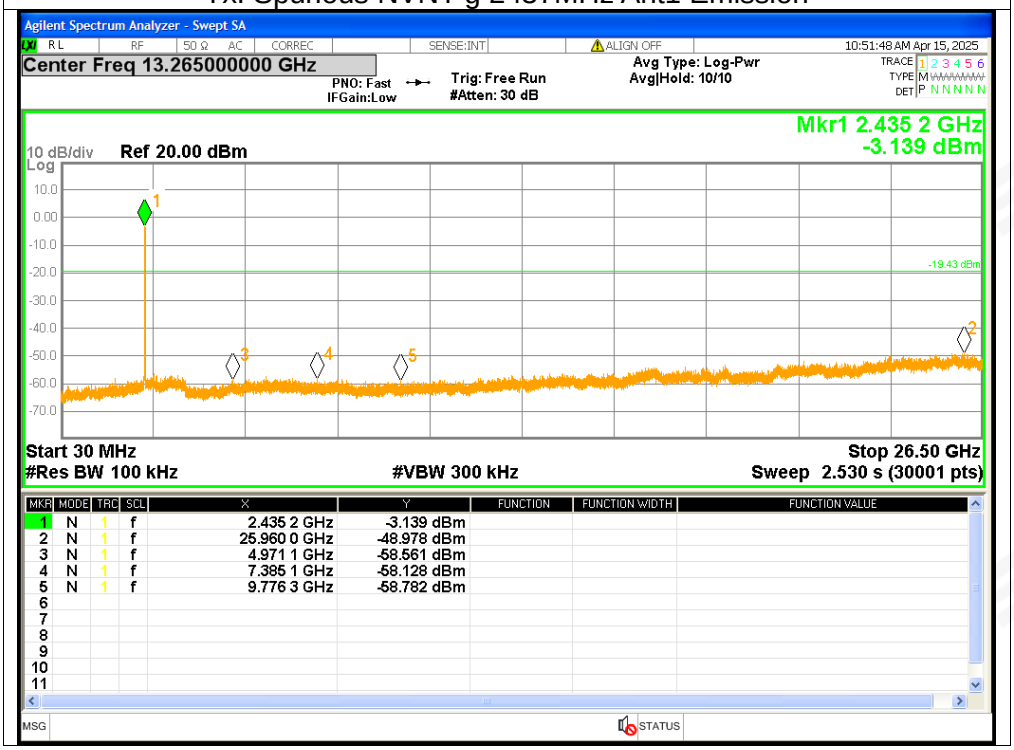
Tx. Spurious NVNT g 2412MHz Ant1 Emission



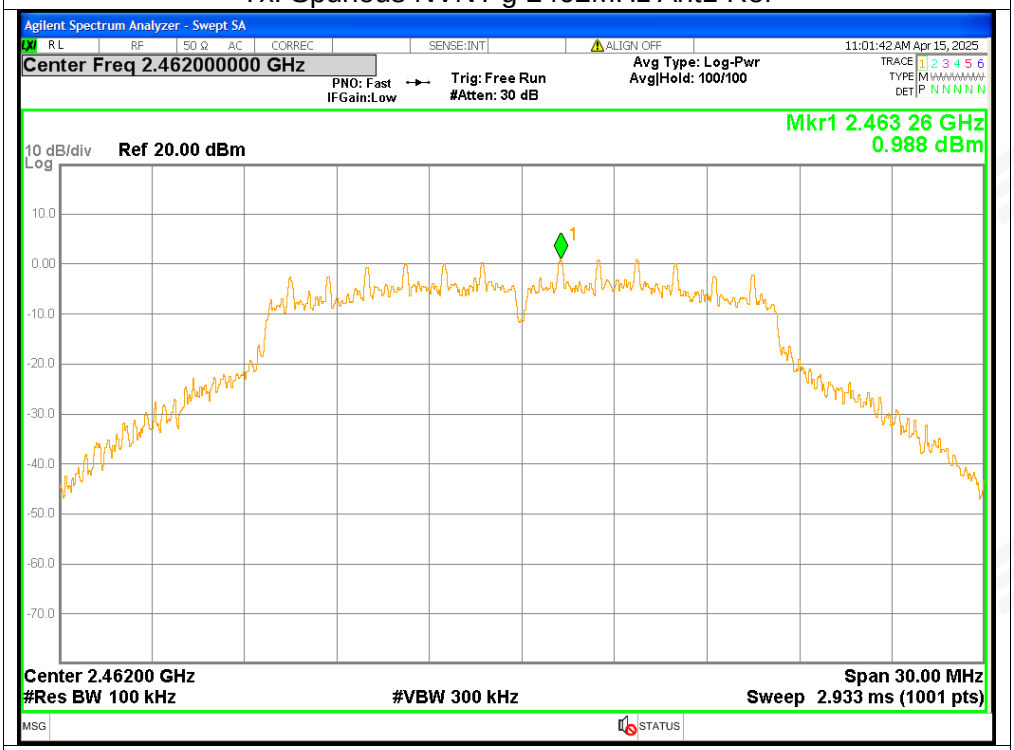
Tx. Spurious NVNT g 2437MHz Ant1 Ref



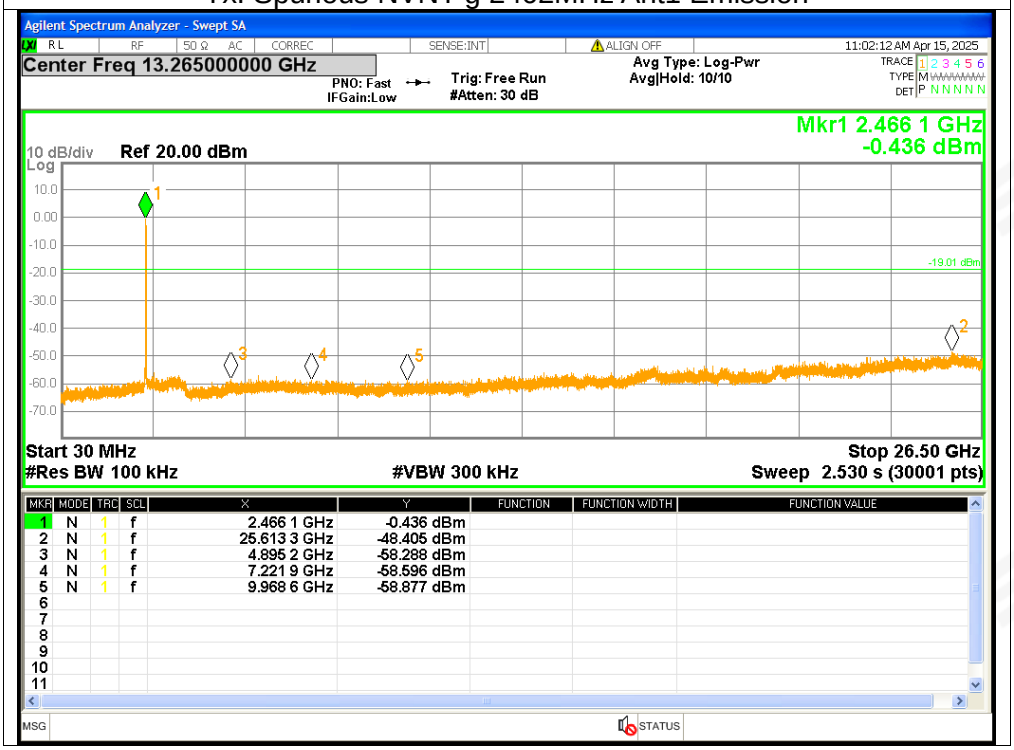
Tx. Spurious NVNT g 2437MHz Ant1 Emission



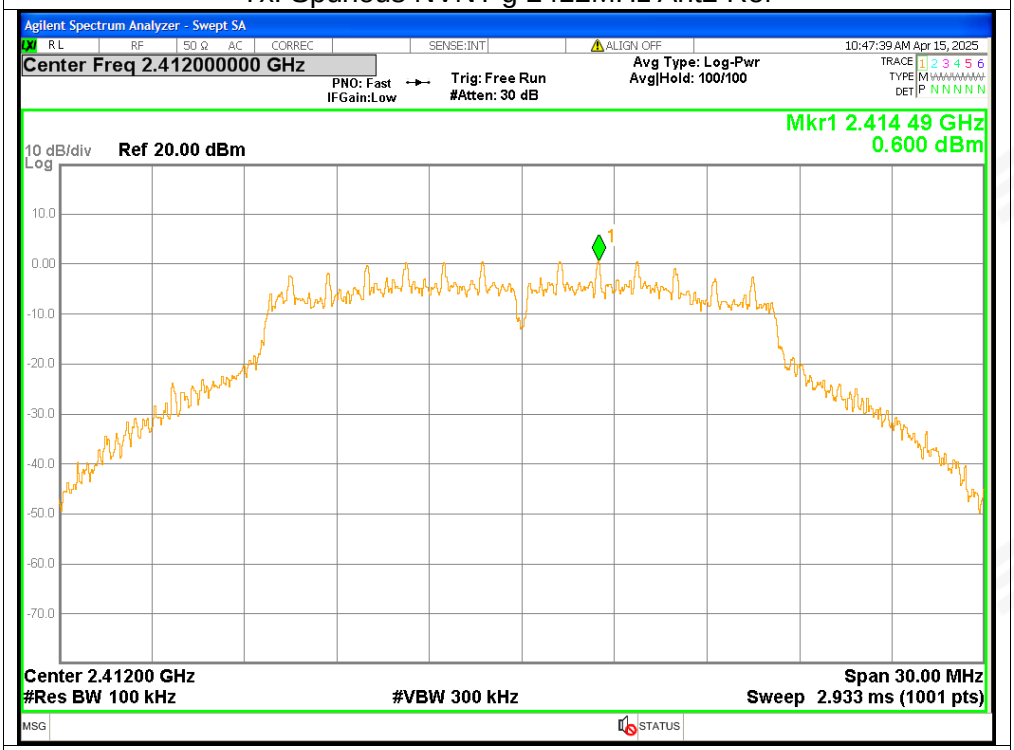
Tx. Spurious NVNT g 2462MHz Ant1 Ref



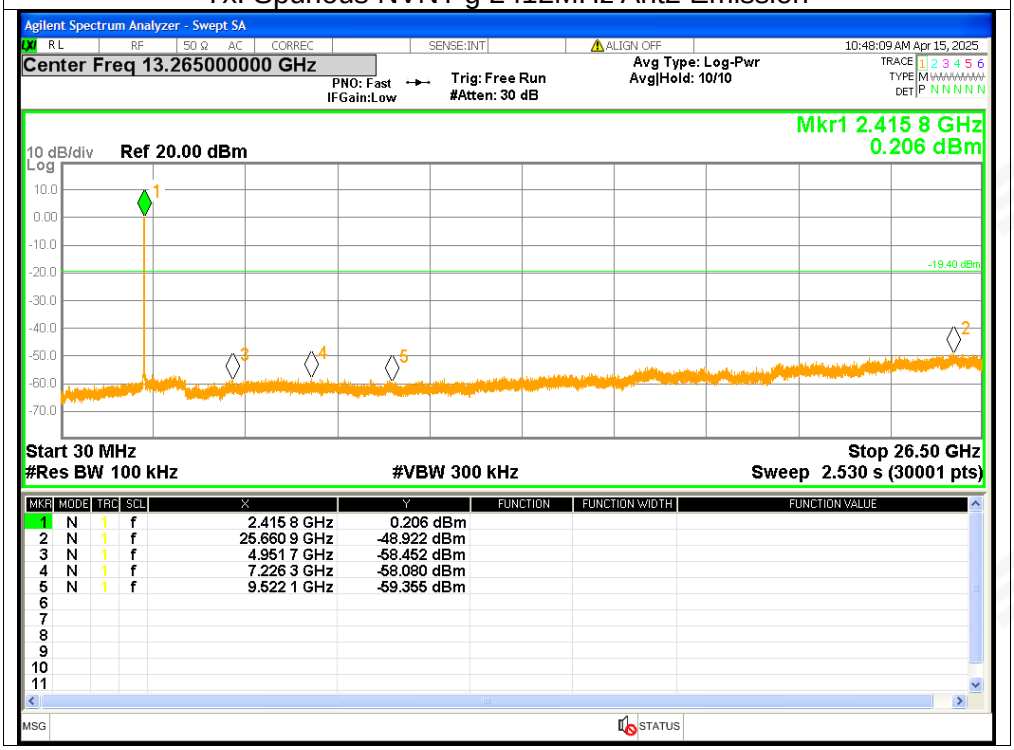
Tx. Spurious NVNT g 2462MHz Ant1 Emission



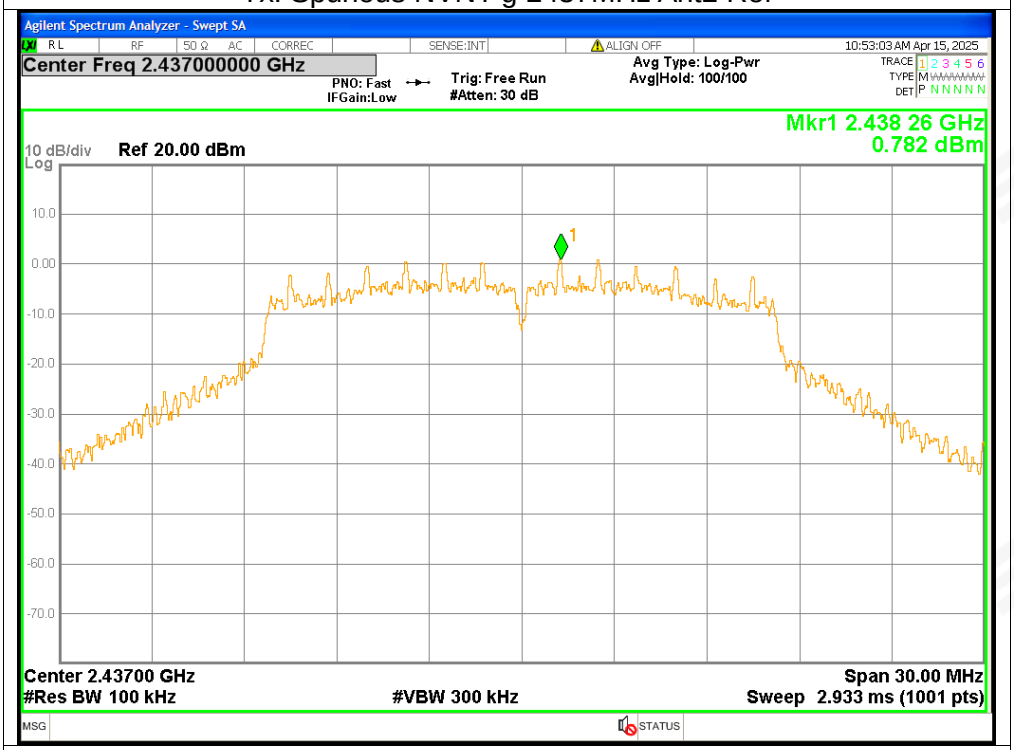
Tx. Spurious NVNT g 2412MHz Ant2 Ref



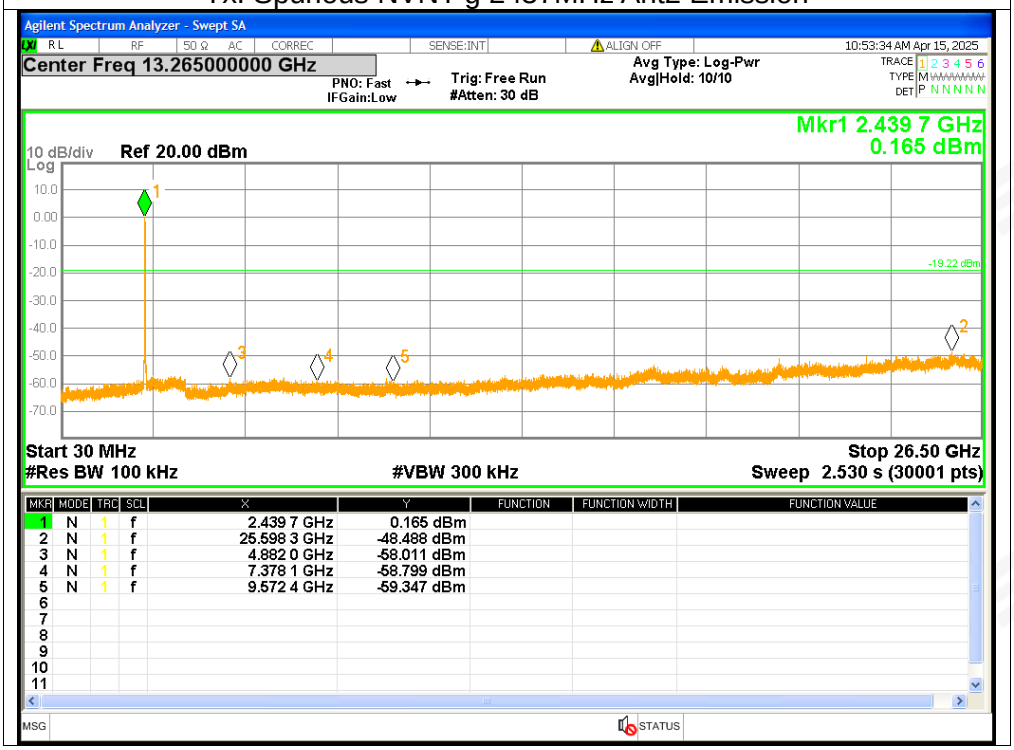
Tx. Spurious NVNT g 2412MHz Ant2 Emission



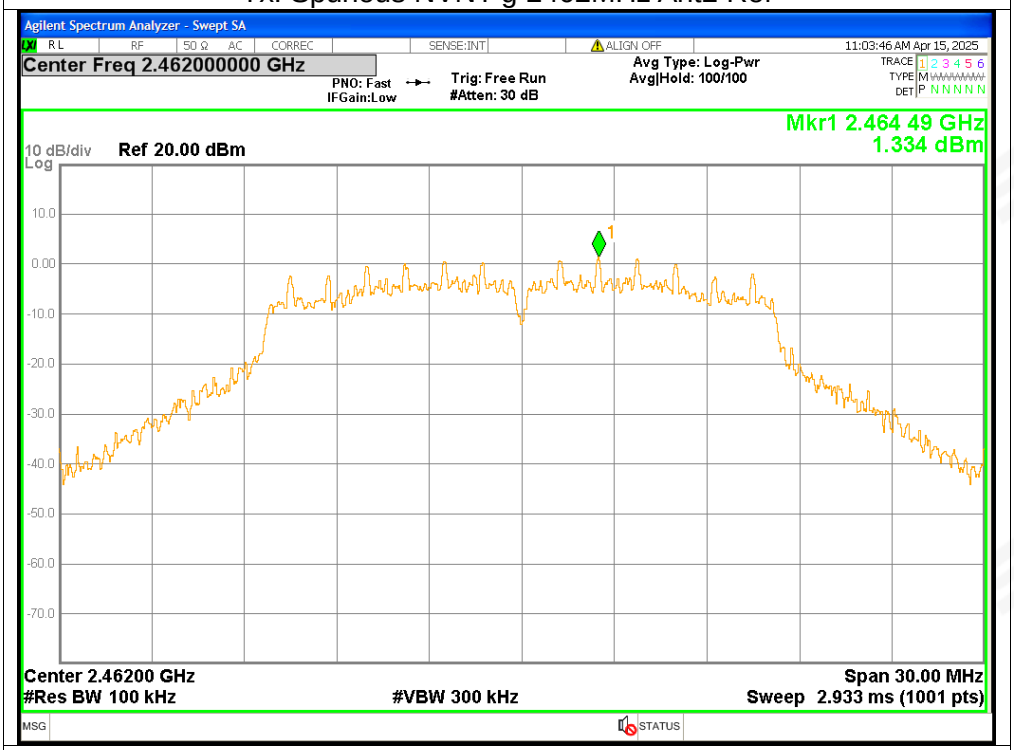
Tx. Spurious NVNT g 2437MHz Ant2 Ref



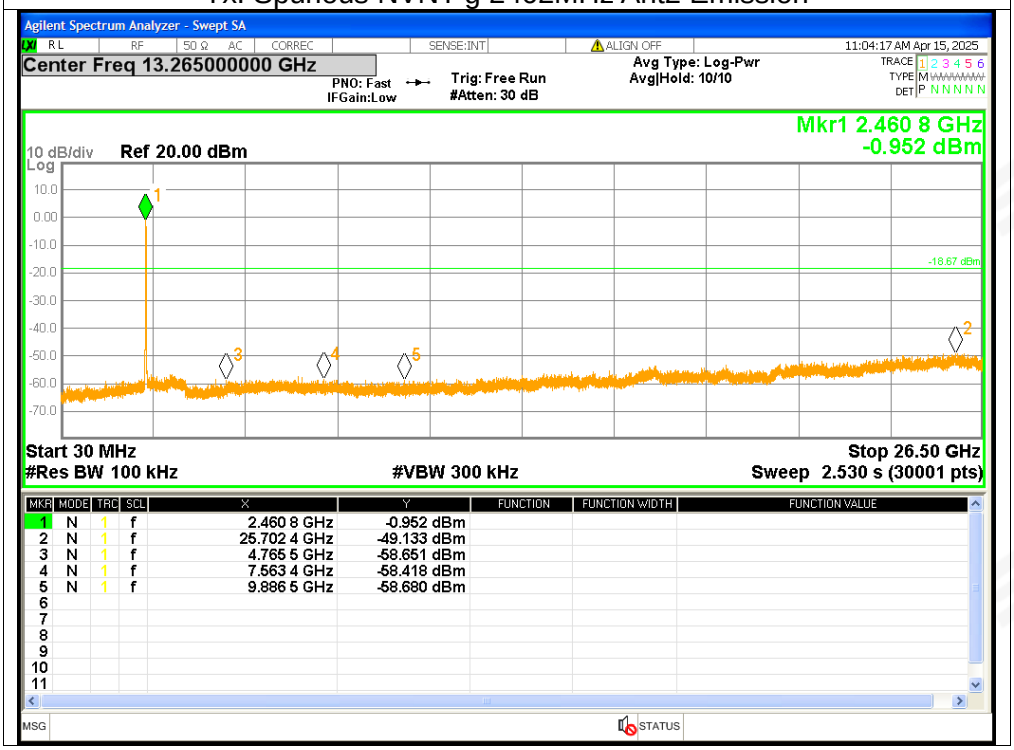
Tx. Spurious NVNT g 2437MHz Ant2 Emission



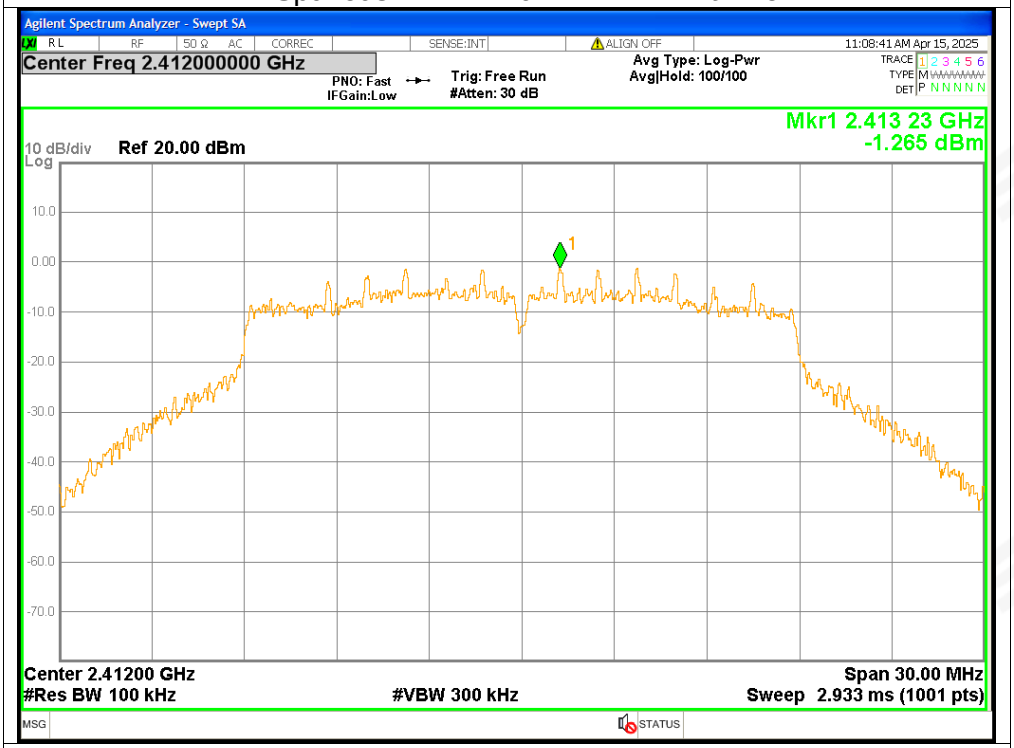
Tx. Spurious NVNT g 2462MHz Ant2 Ref



Tx. Spurious NVNT g 2462MHz Ant2 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



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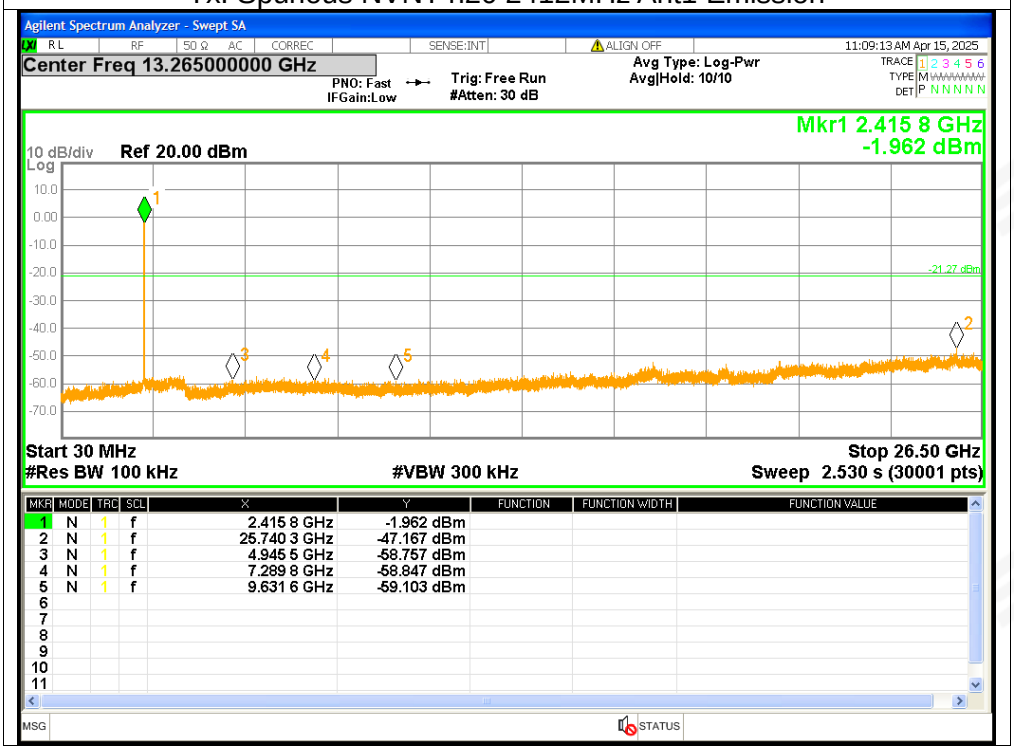

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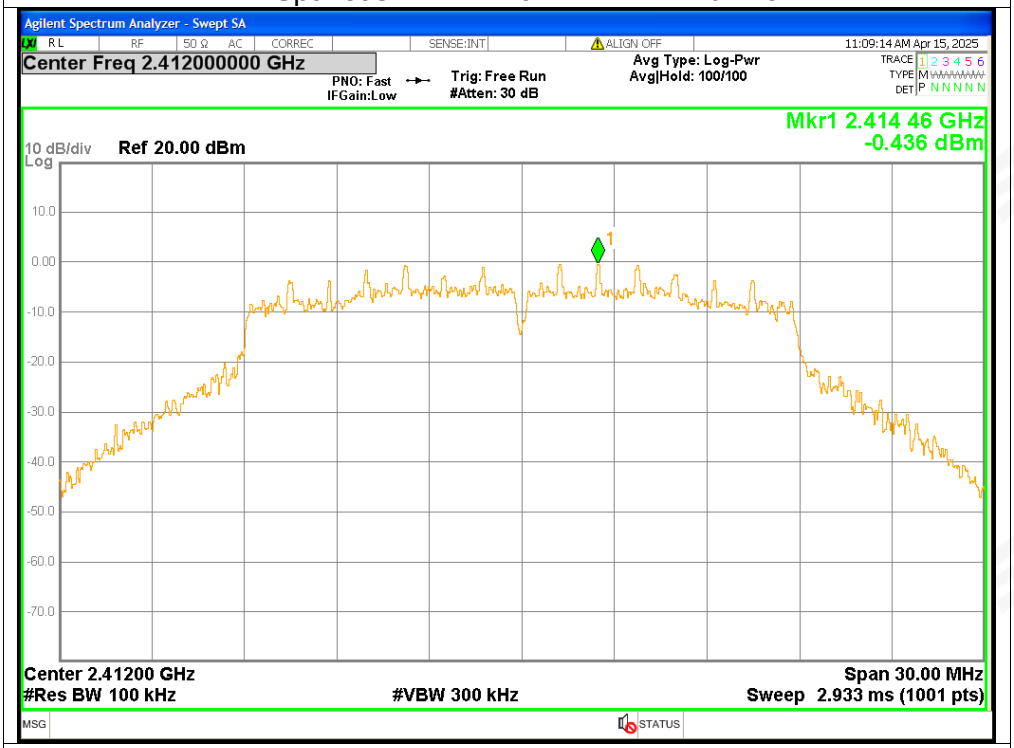

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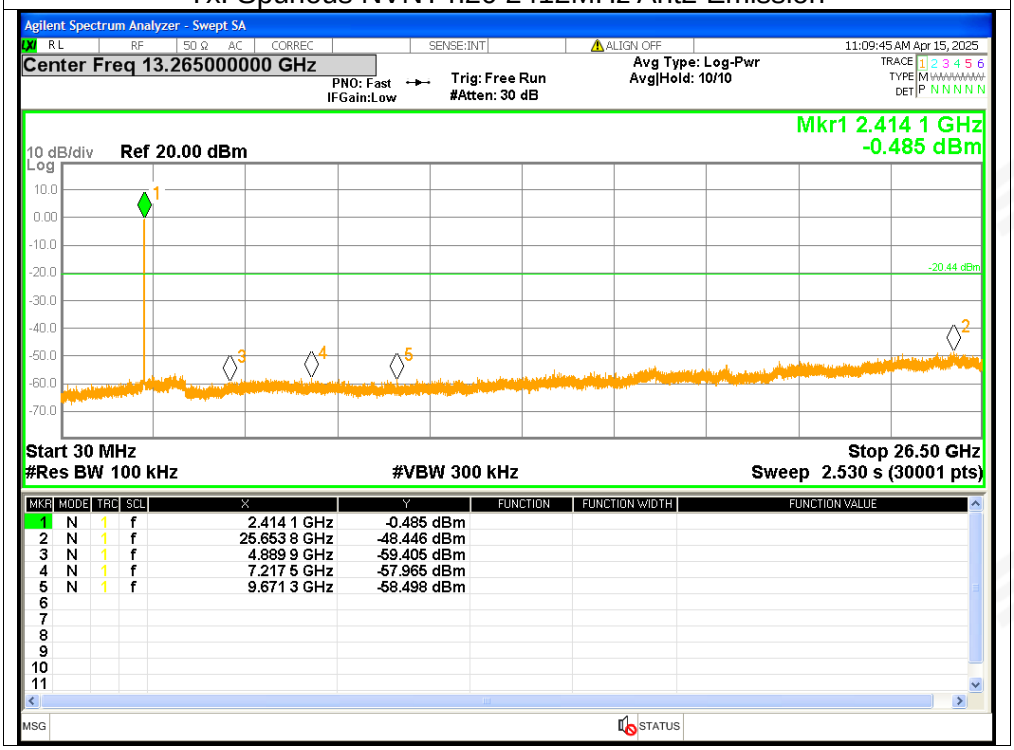

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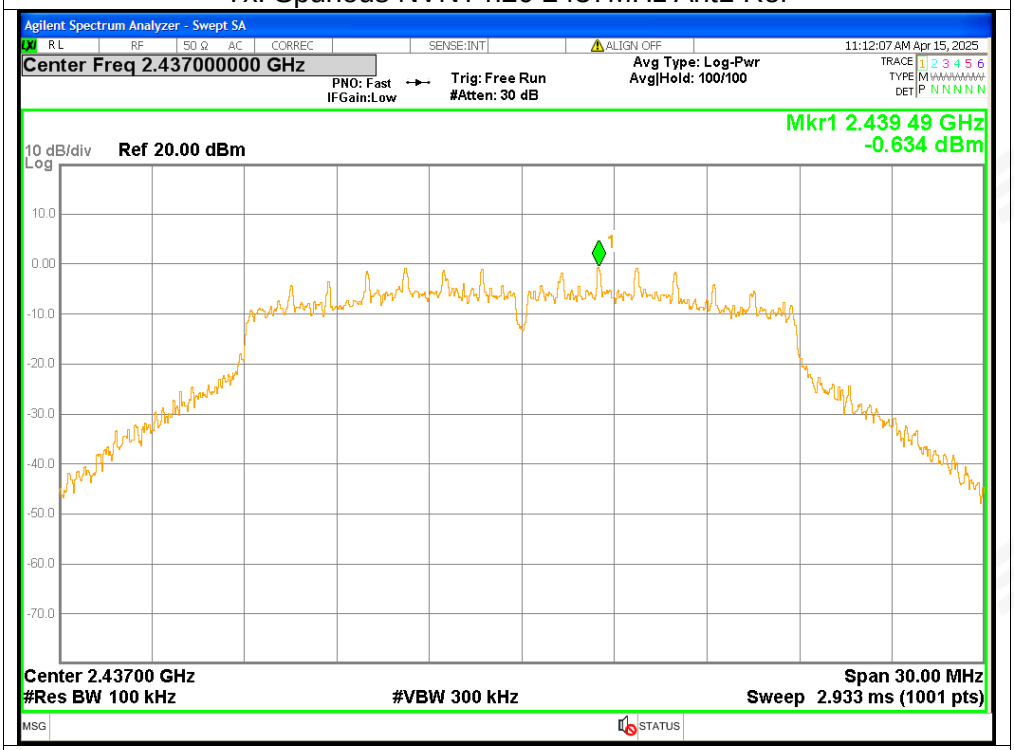

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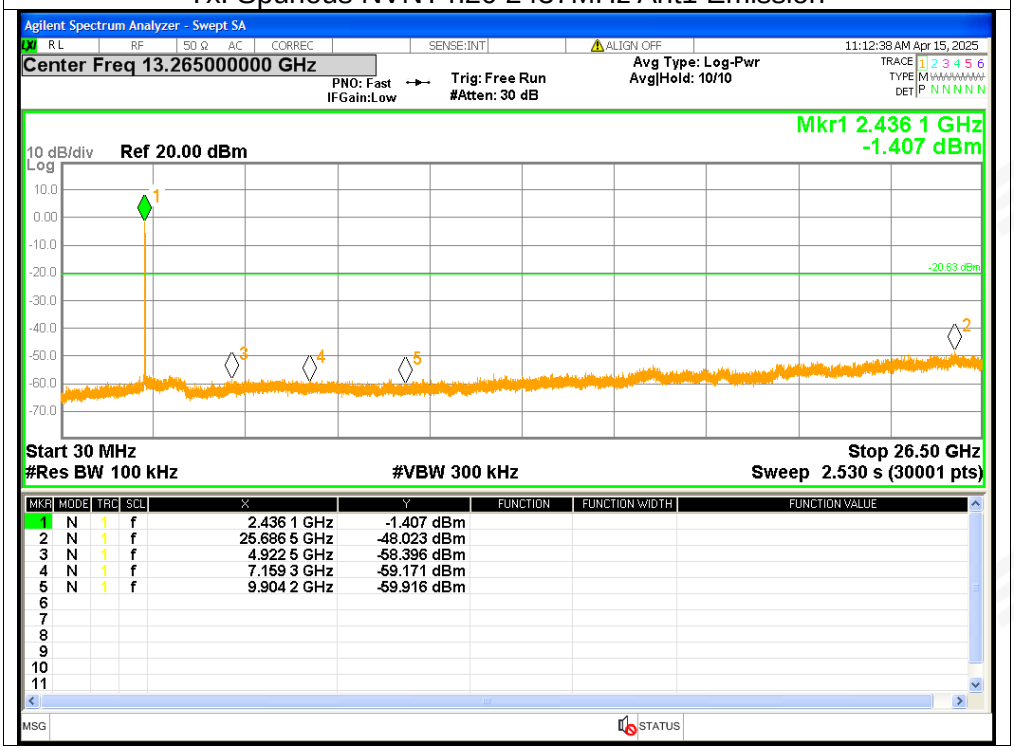

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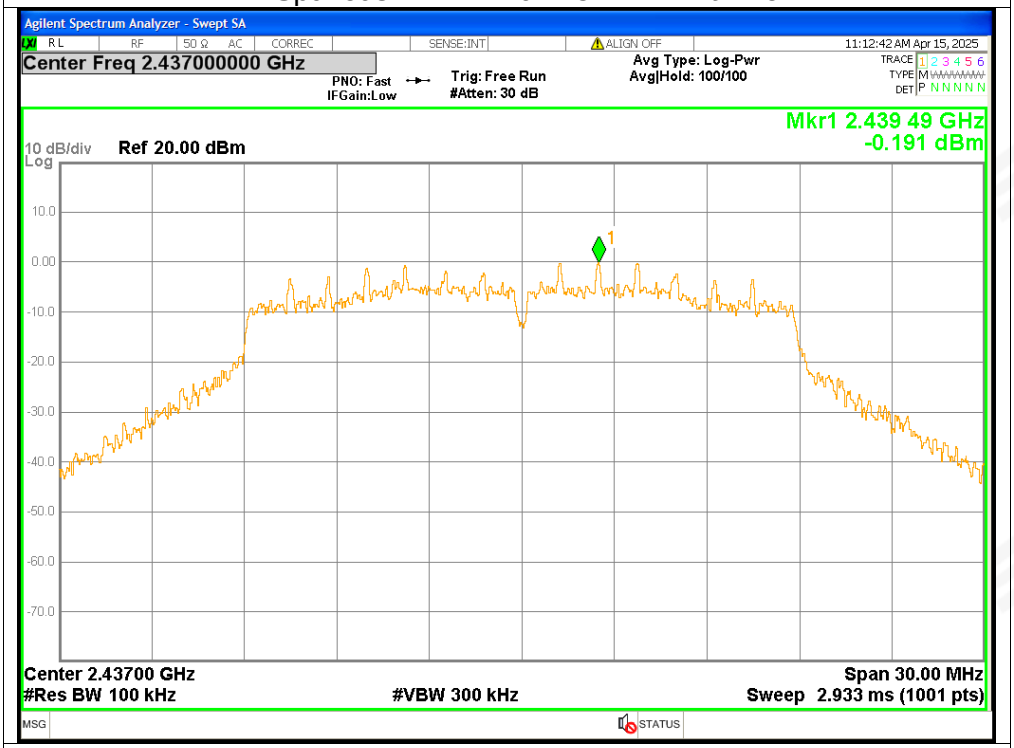

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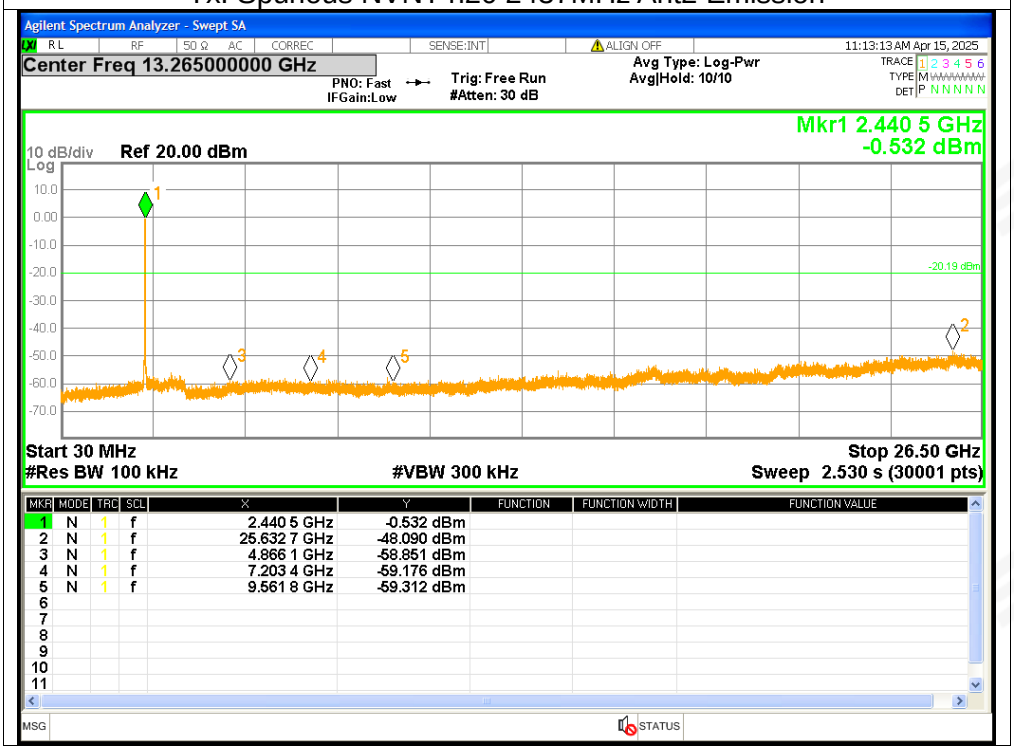

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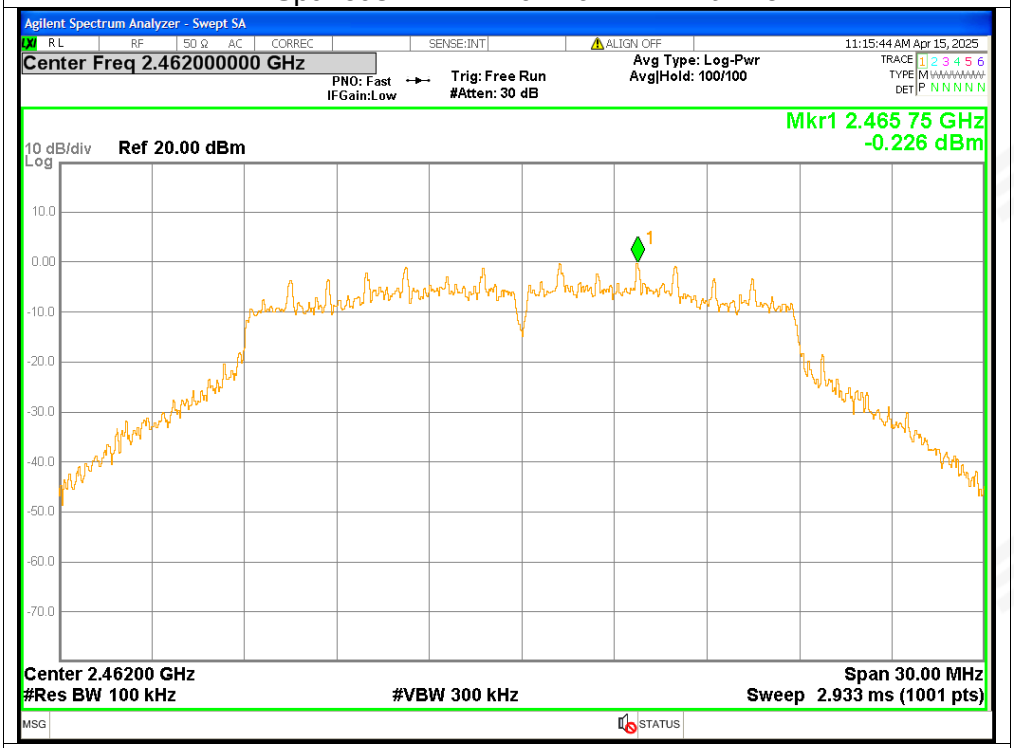
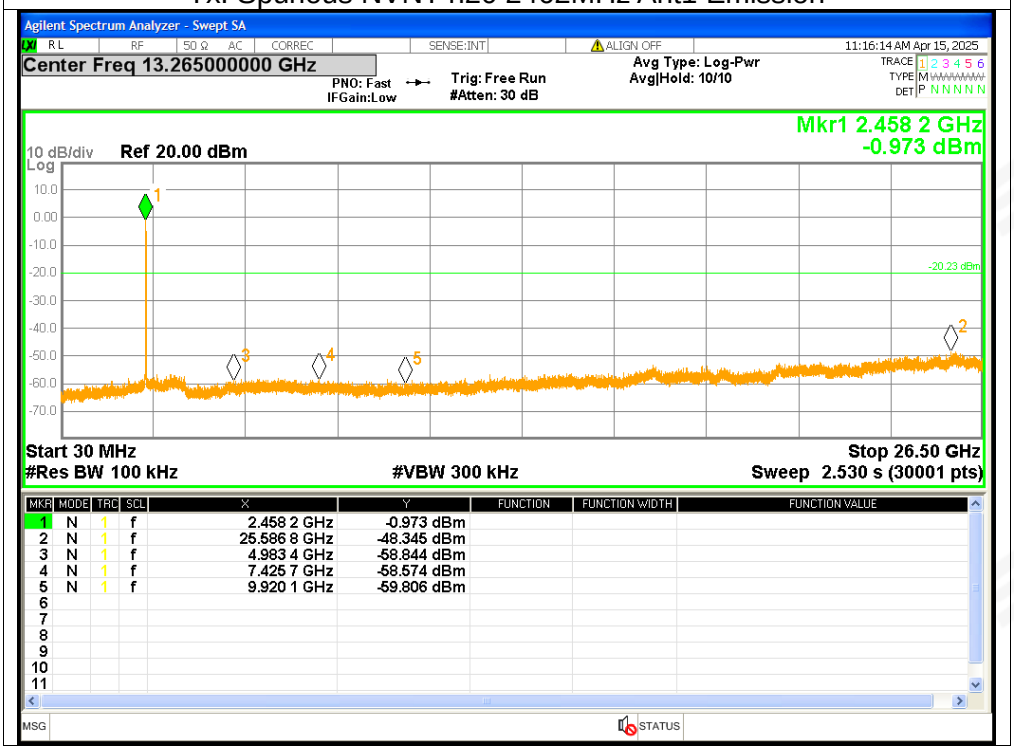


Tx. Spurious NVNT n20 2462MHz Ant1 Emission



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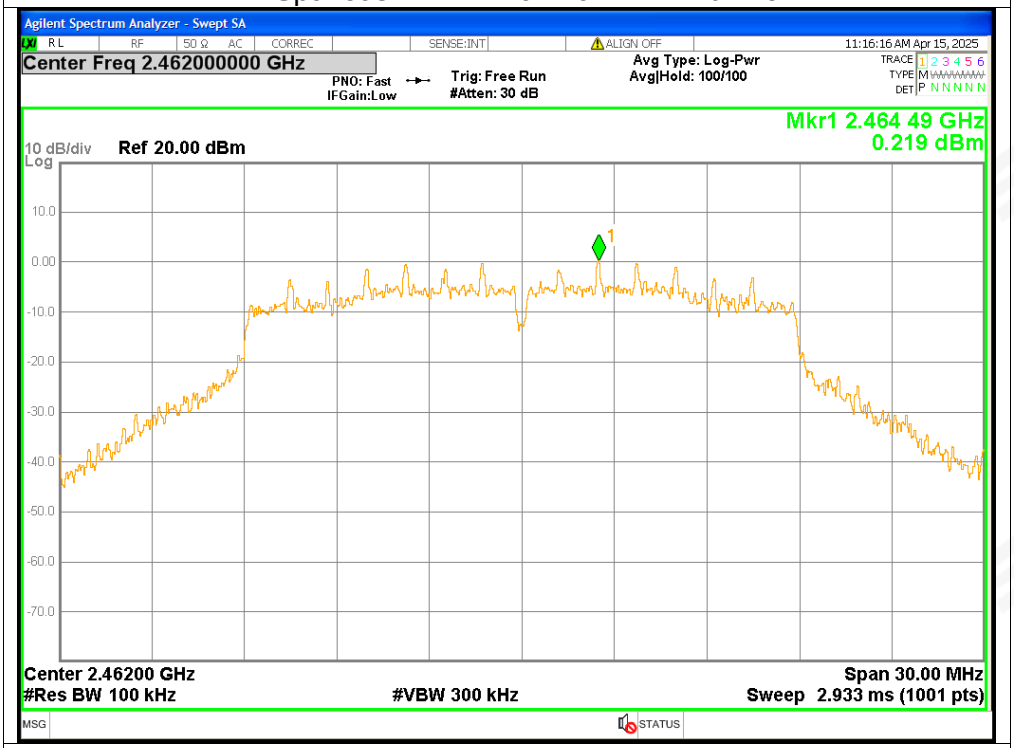
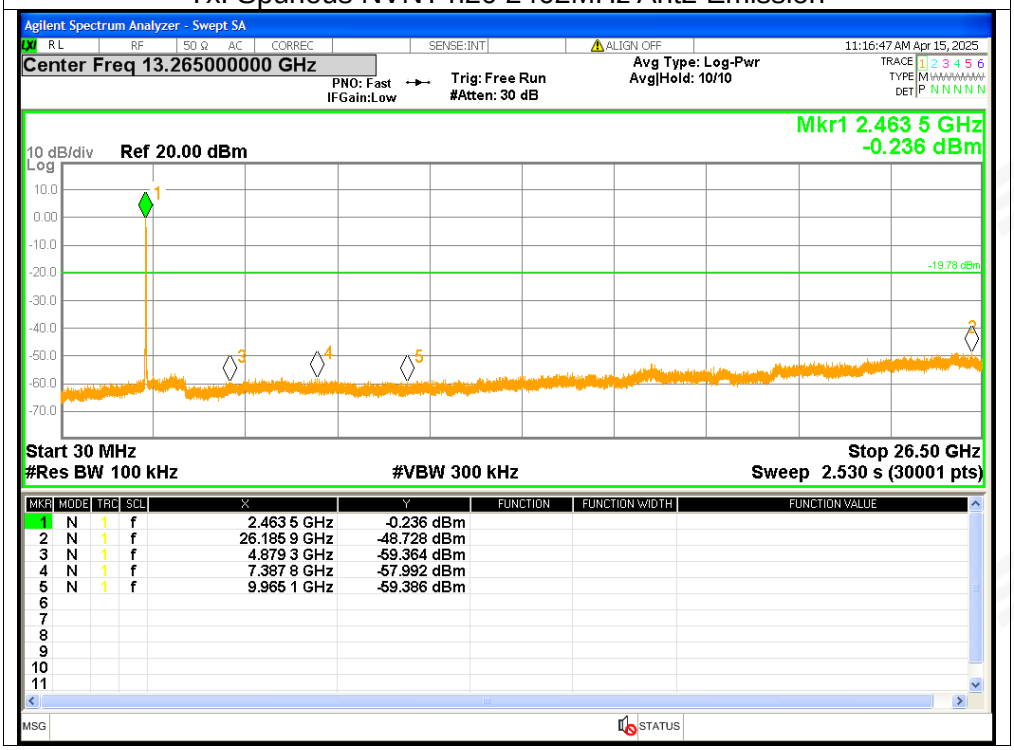


Tx. Spurious NVNT n20 2462MHz Ant2 Emission



APPENDIX 2-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※※END OF THE REPORT※※※※※