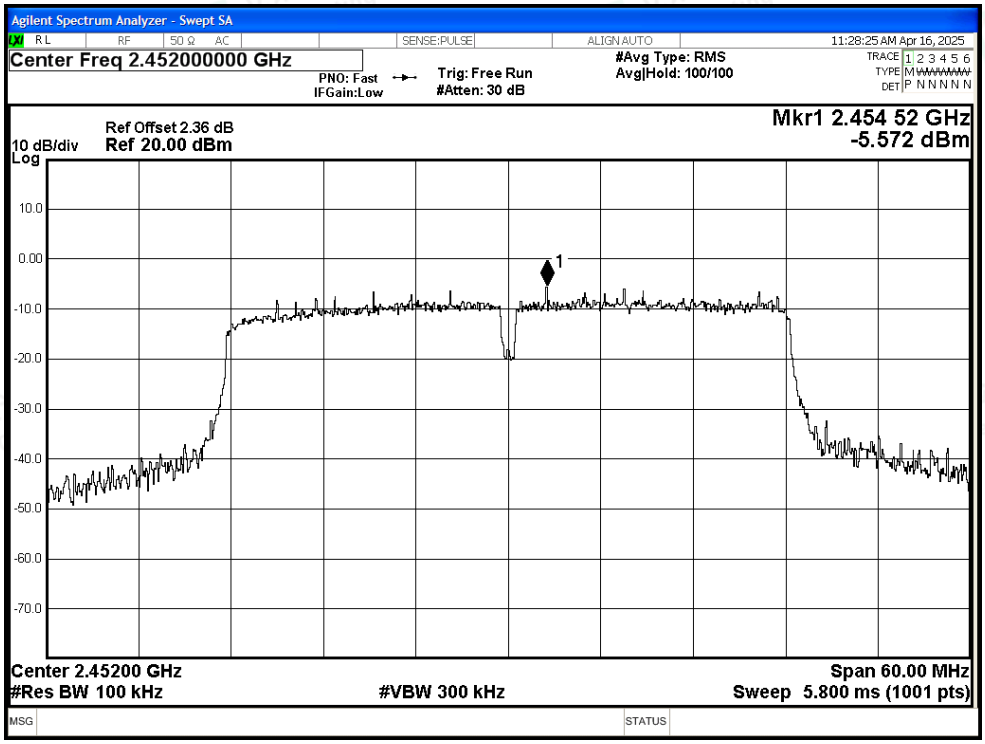
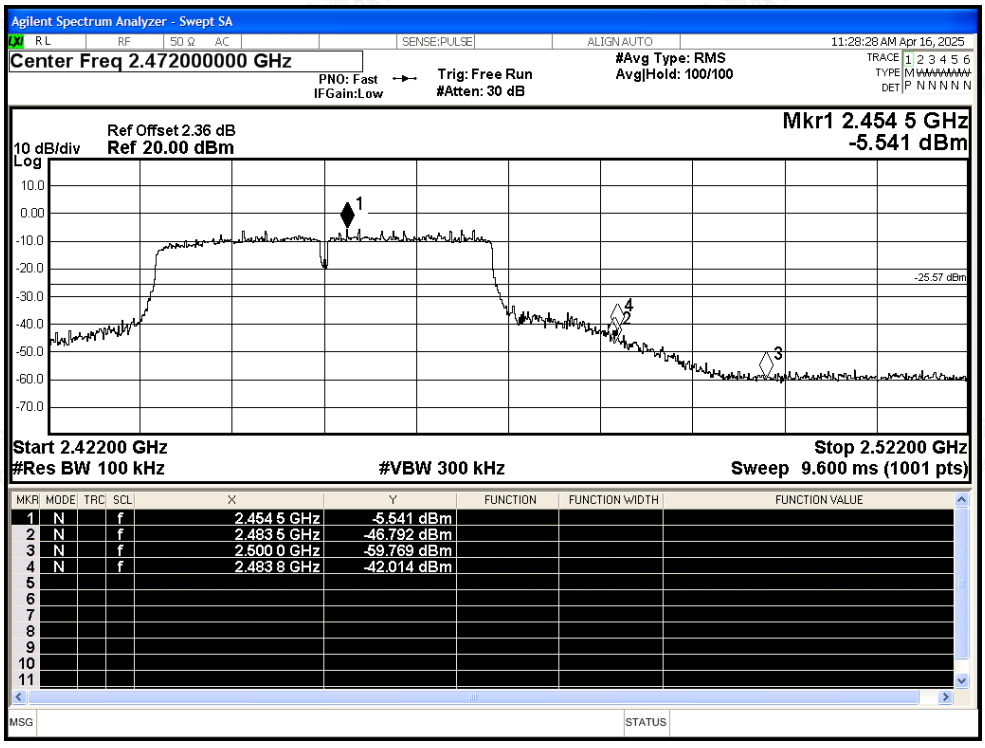
Band Edge NVNT n40 2452MHz Ant1 Ref



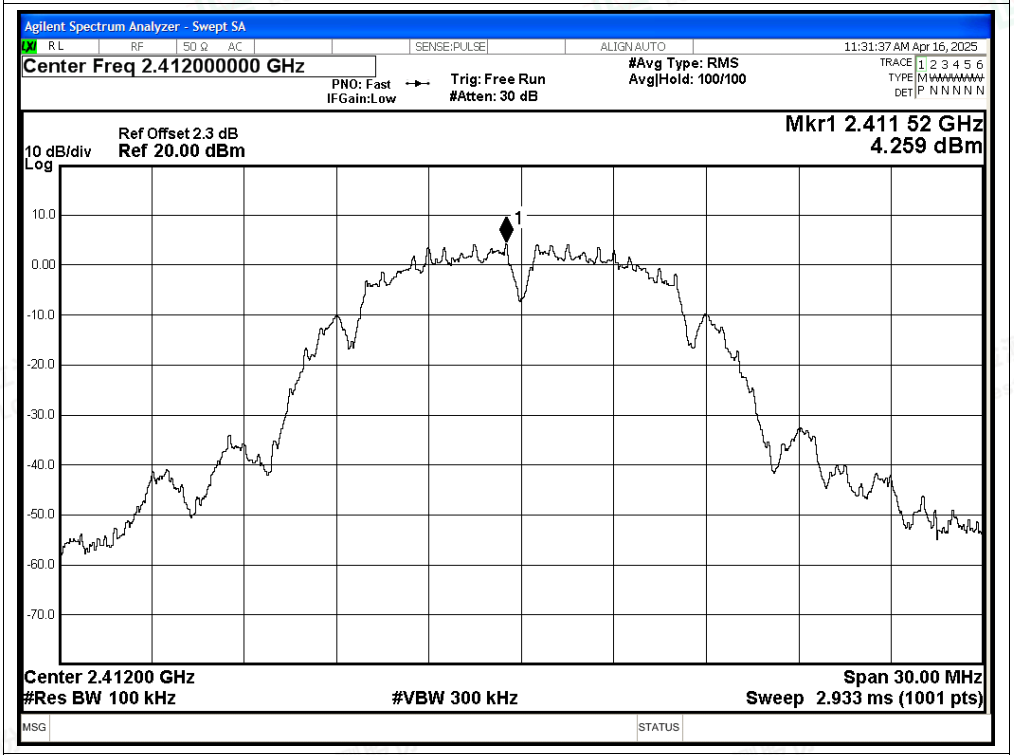
Band Edge NVNT n40 2452MHz Ant1 Emission



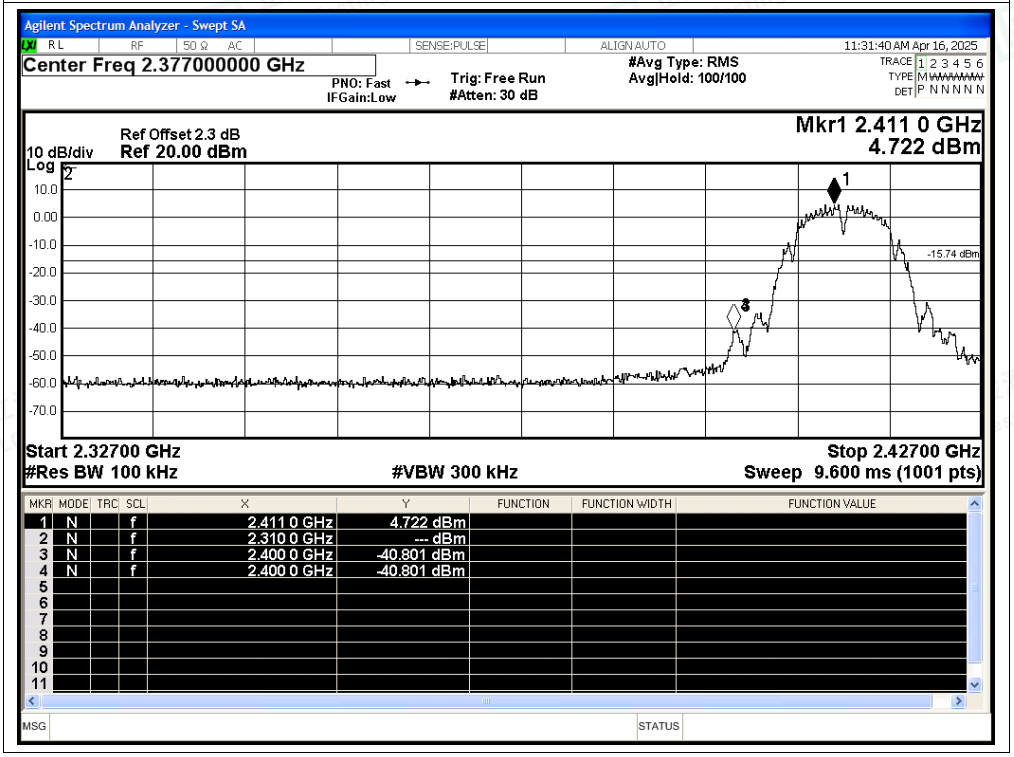
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant2	-45.06	-20	Pass
NVNT	b	2462	Ant2	-56.6	-20	Pass
NVNT	g	2412	Ant2	-34.25	-20	Pass
NVNT	g	2462	Ant2	-43.16	-20	Pass
NVNT	n20	2412	Ant2	-32.87	-20	Pass
NVNT	n20	2462	Ant2	-41.35	-20	Pass
NVNT	n40	2422	Ant2	-34.73	-20	Pass
NVNT	n40	2452	Ant2	-36.22	-20	Pass

Test Graphs

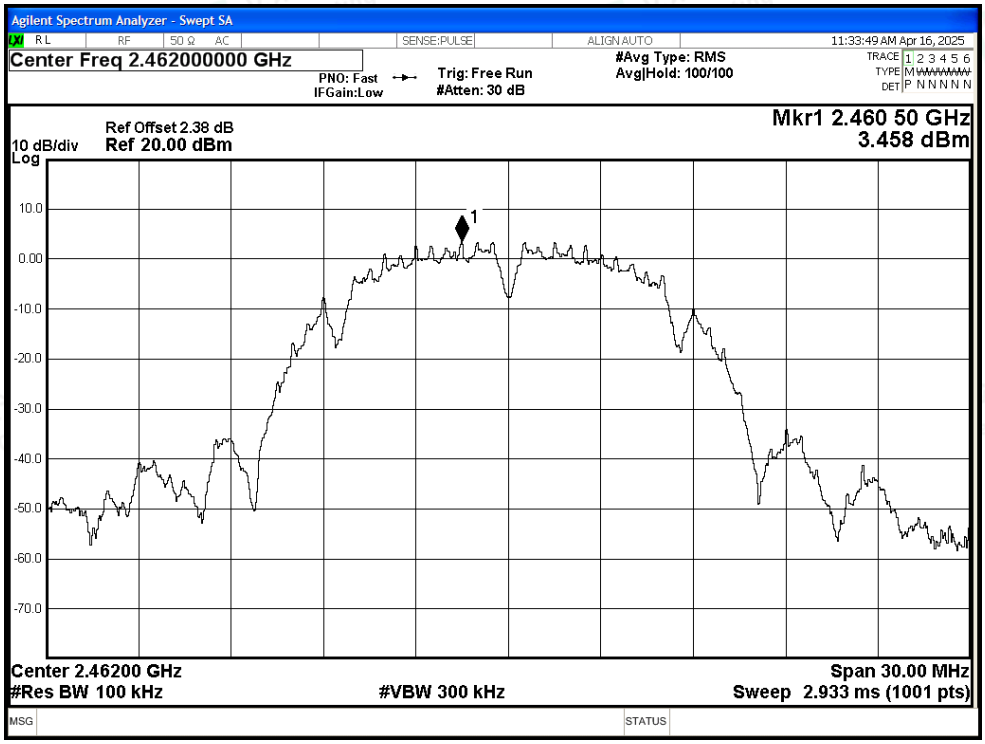
Band Edge NVNT b 2412MHz Ant2 Ref



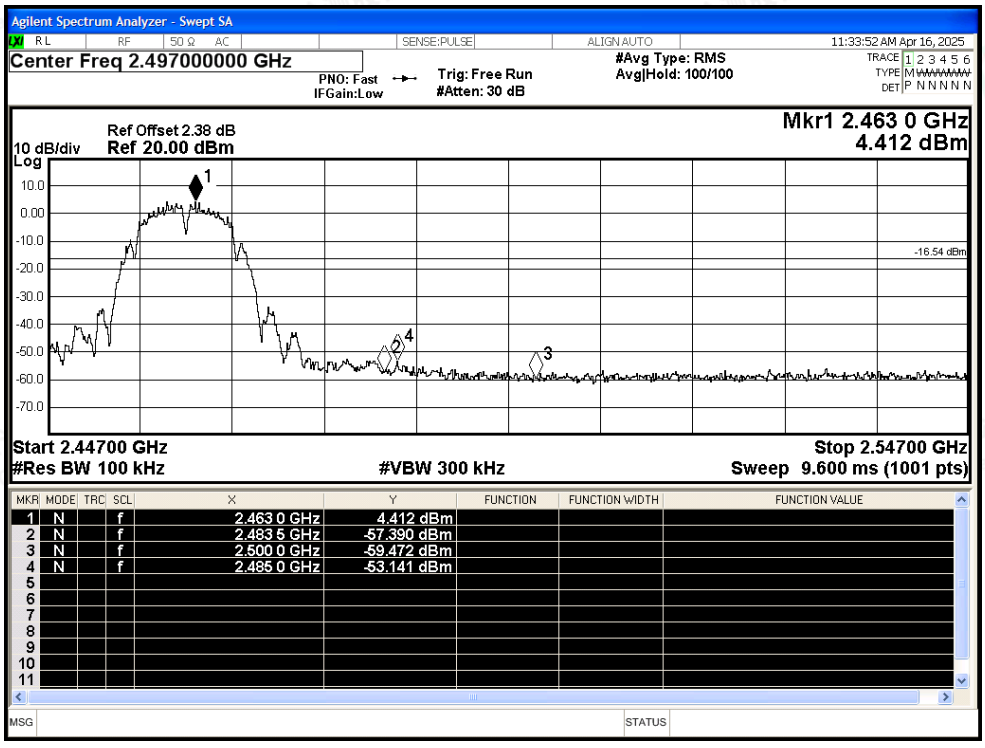
Band Edge NVNT b 2412MHz Ant2 Emission



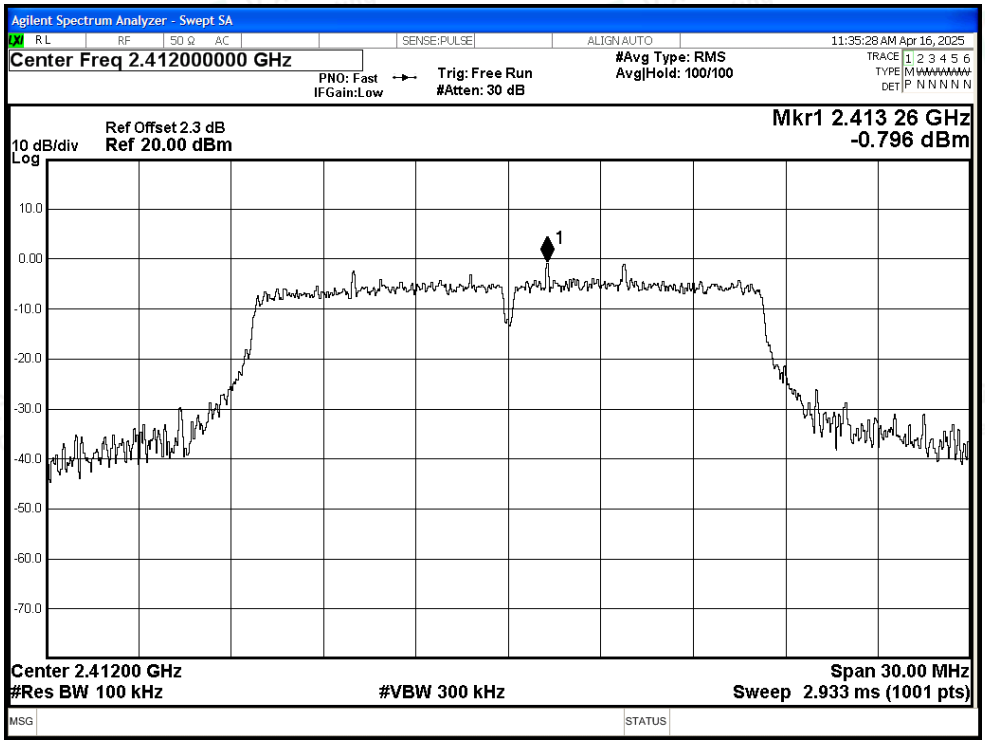
Band Edge NVNT b 2462MHz Ant2 Ref



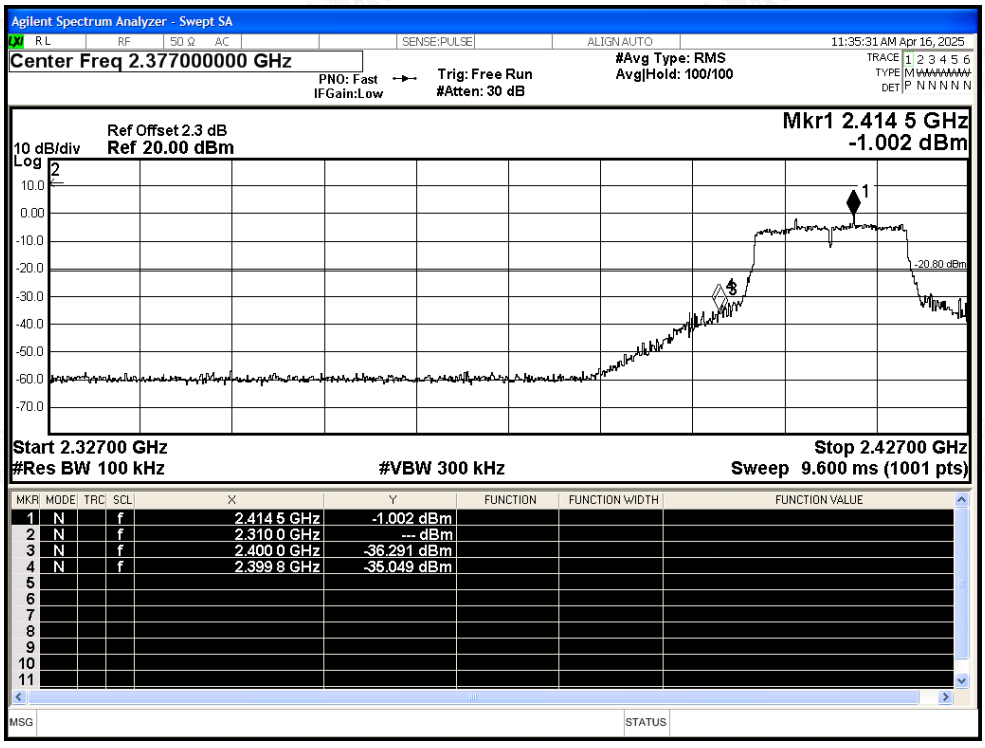
Band Edge NVNT b 2462MHz Ant2 Emission



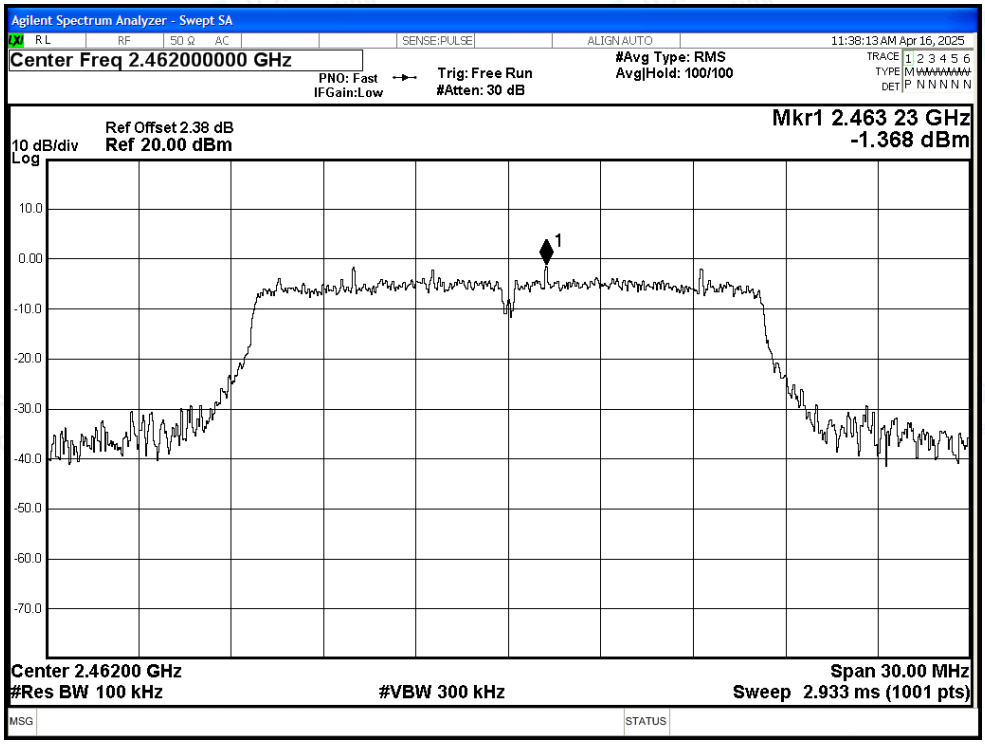
Band Edge NVNT g 2412MHz Ant2 Ref



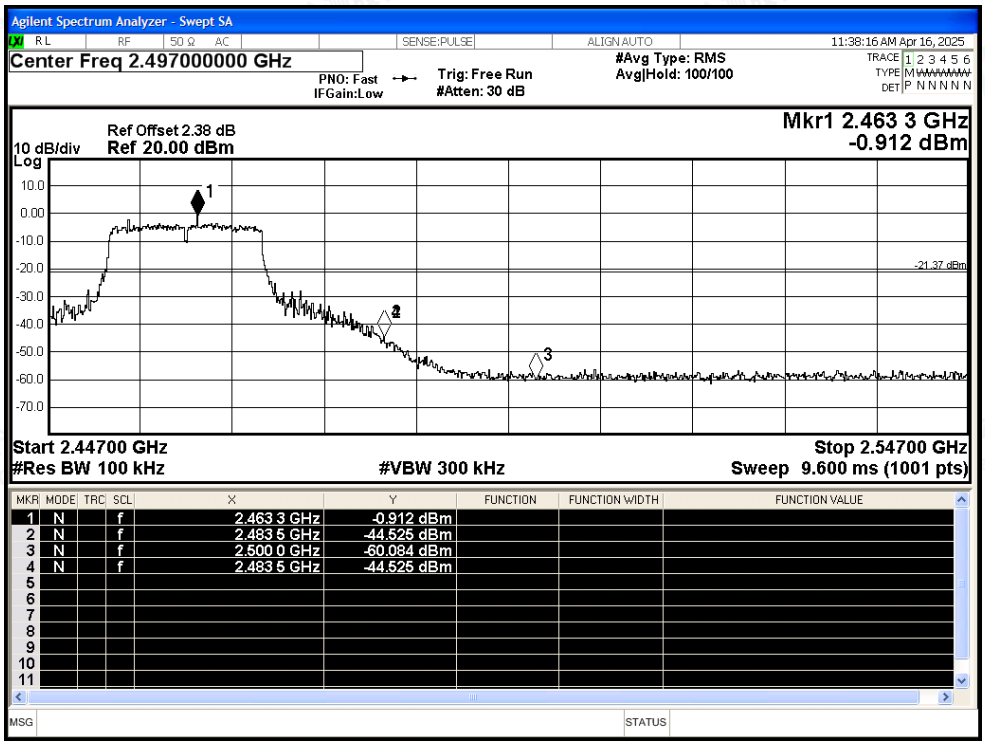
Band Edge NVNT g 2412MHz Ant2 Emission



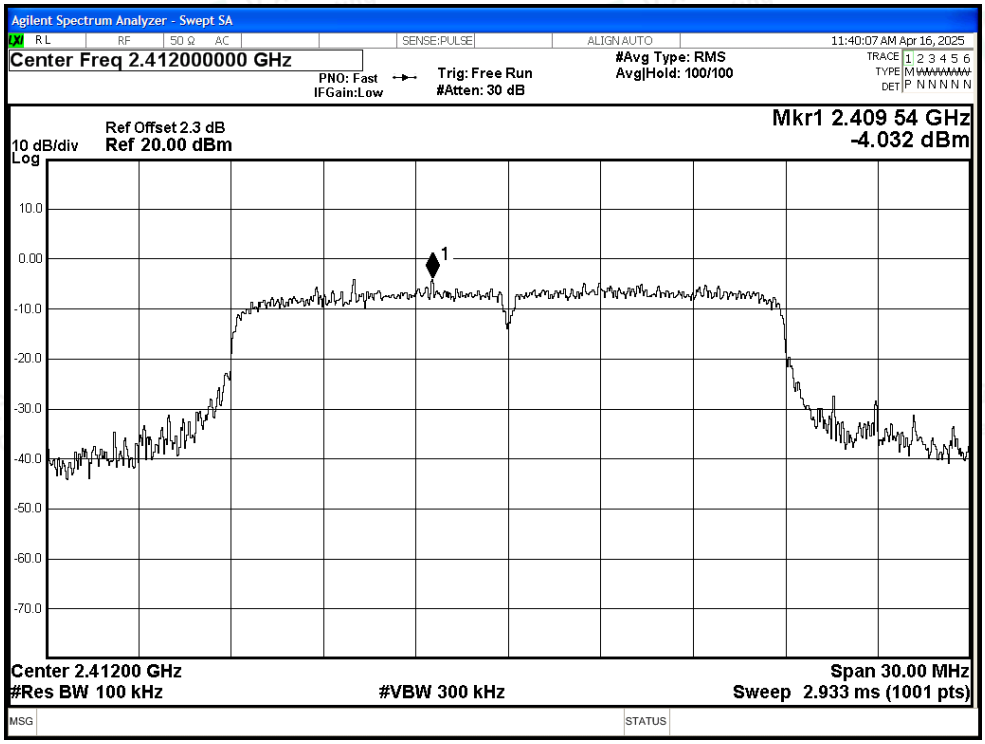
Band Edge NVNT g 2462MHz Ant2 Ref



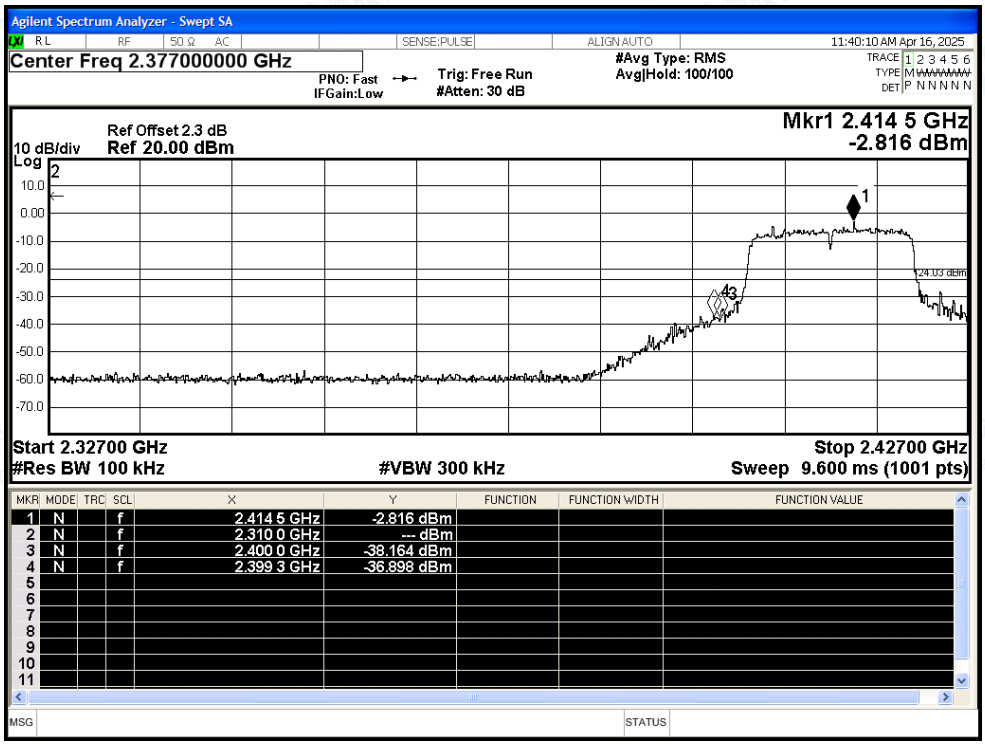
Band Edge NVNT g 2462MHz Ant2 Emission



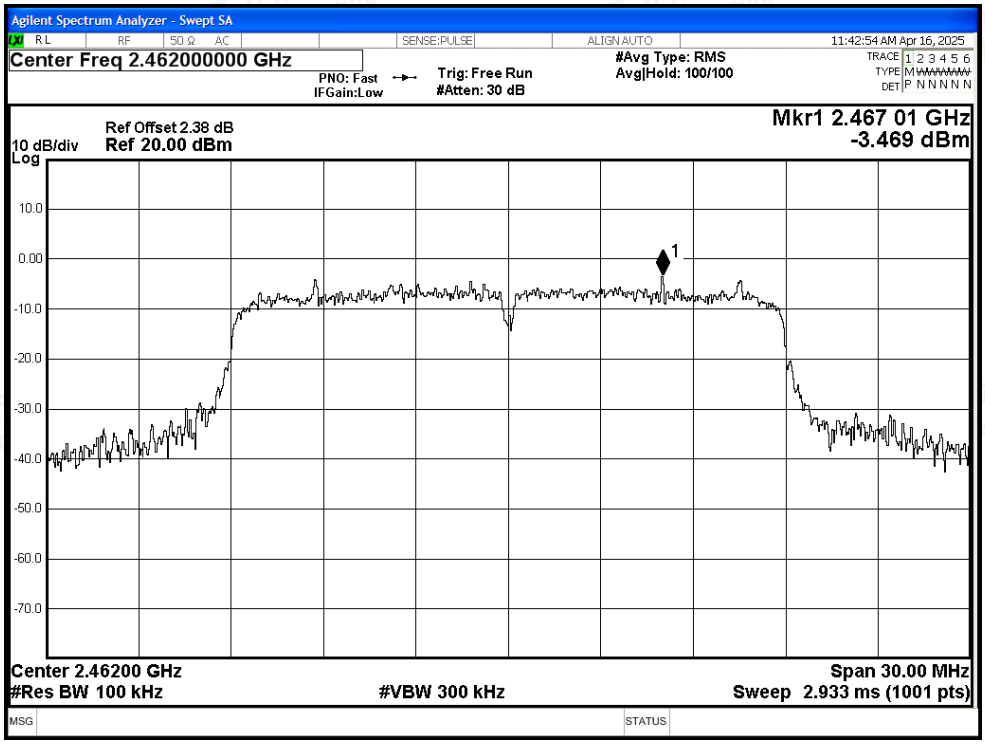
Band Edge NVNT n20 2412MHz Ant2 Ref



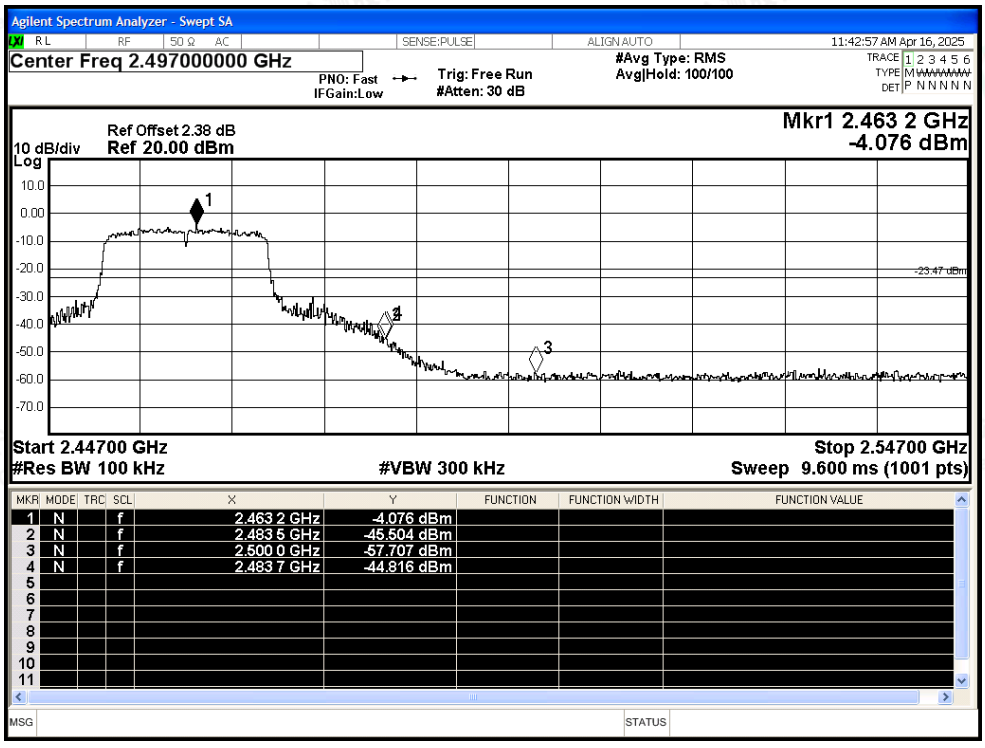
Band Edge NVNT n20 2412MHz Ant2 Emission



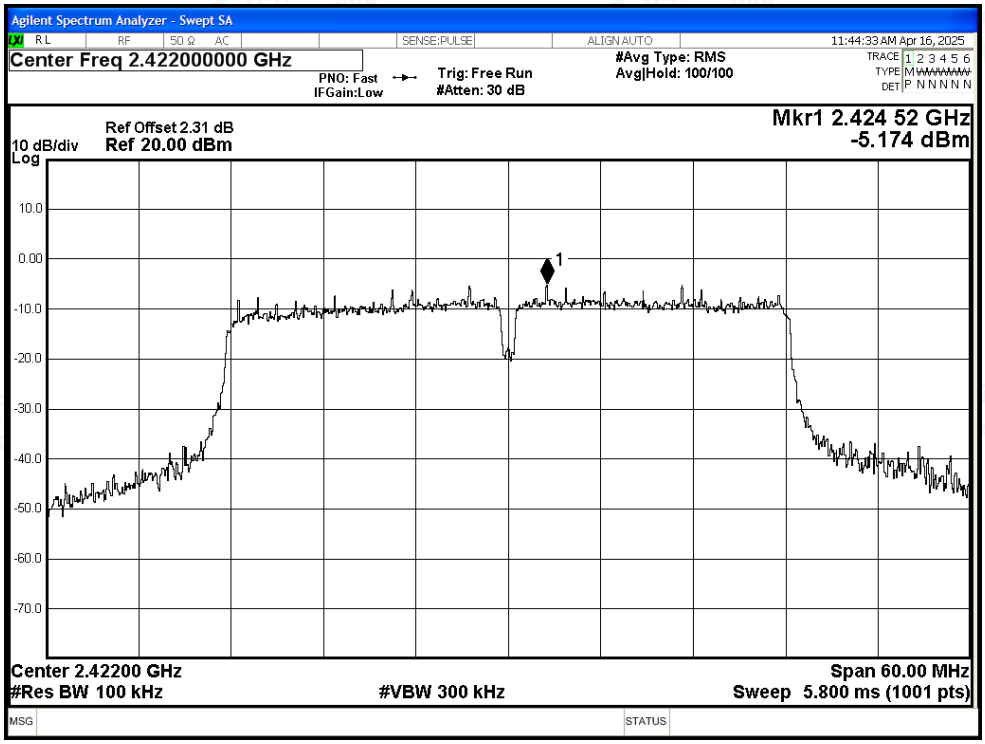
Band Edge NVNT n20 2462MHz Ant2 Ref



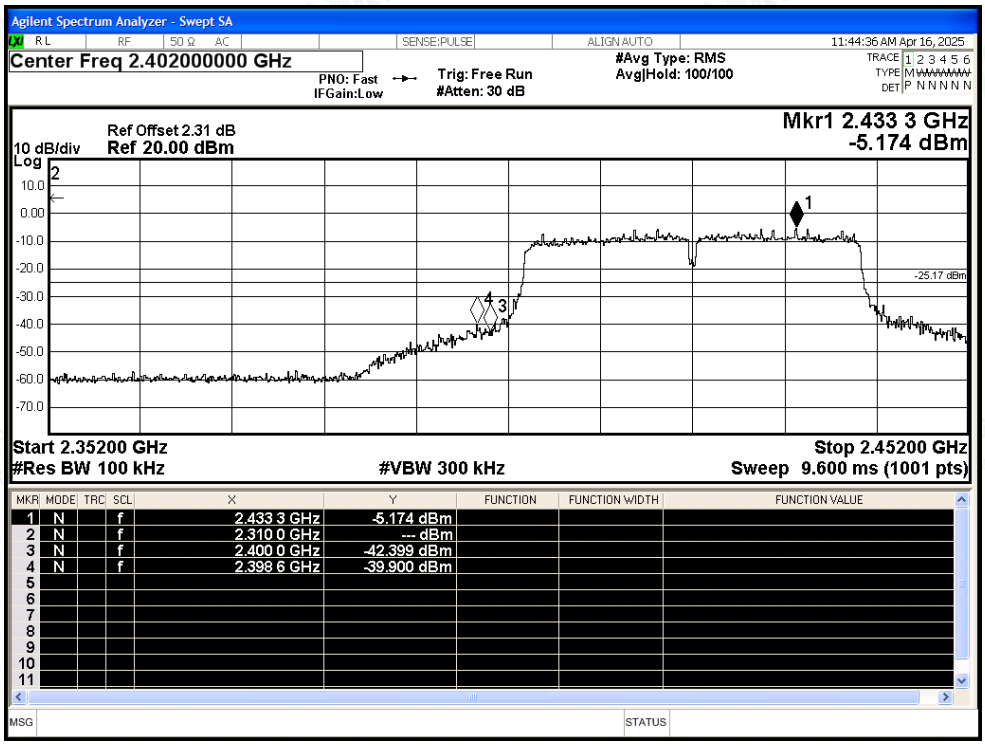
Band Edge NVNT n20 2462MHz Ant2 Emission



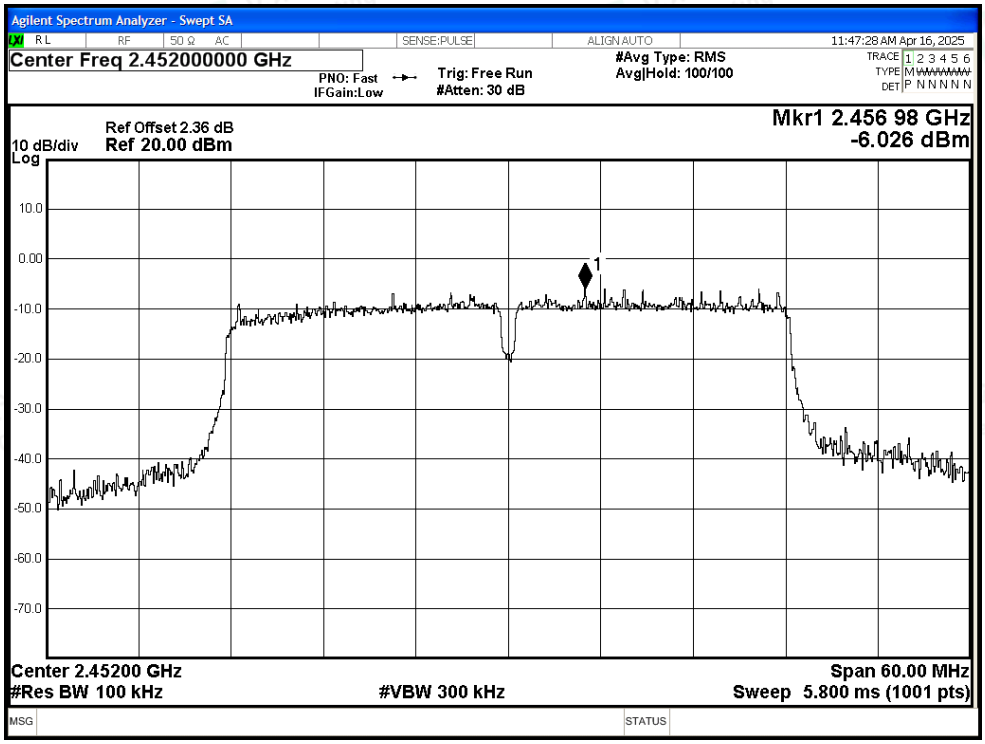
Band Edge NVNT n40 2422MHz Ant2 Ref



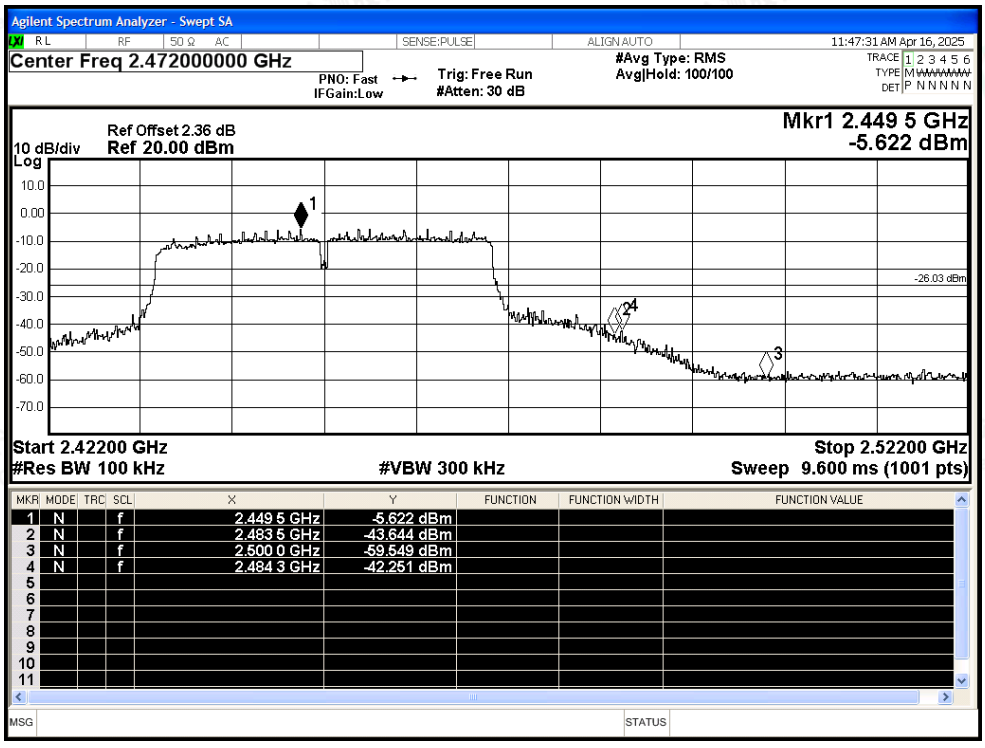
Band Edge NVNT n40 2422MHz Ant2 Emission



Band Edge NVNT n40 2452MHz Ant2 Ref



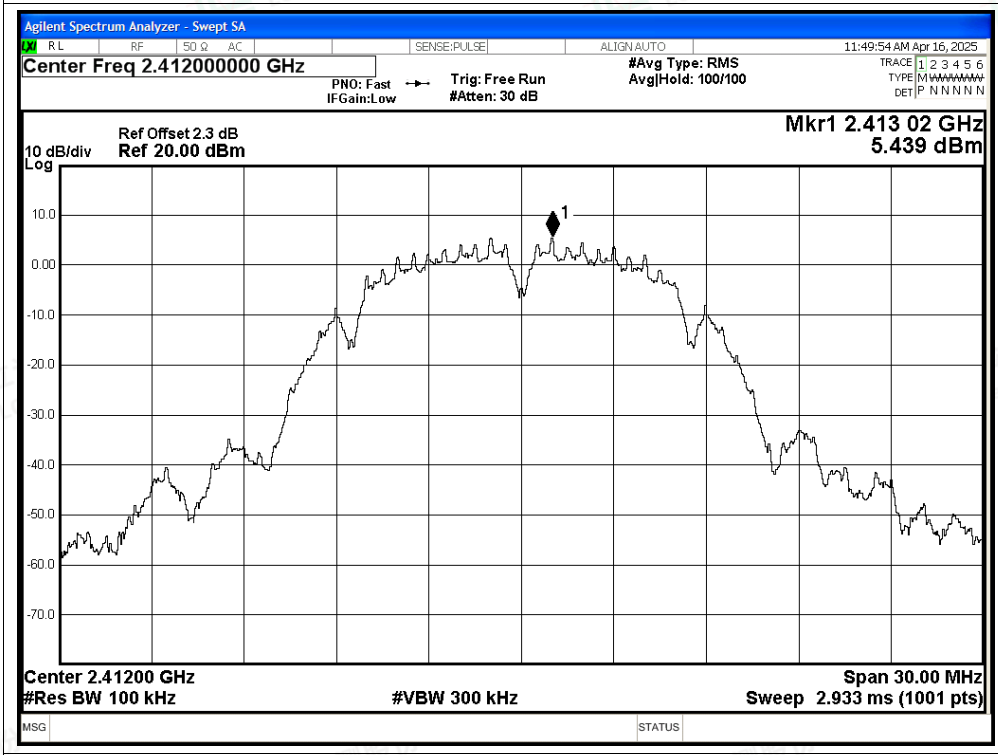
Band Edge NVNT n40 2452MHz Ant2 Emission



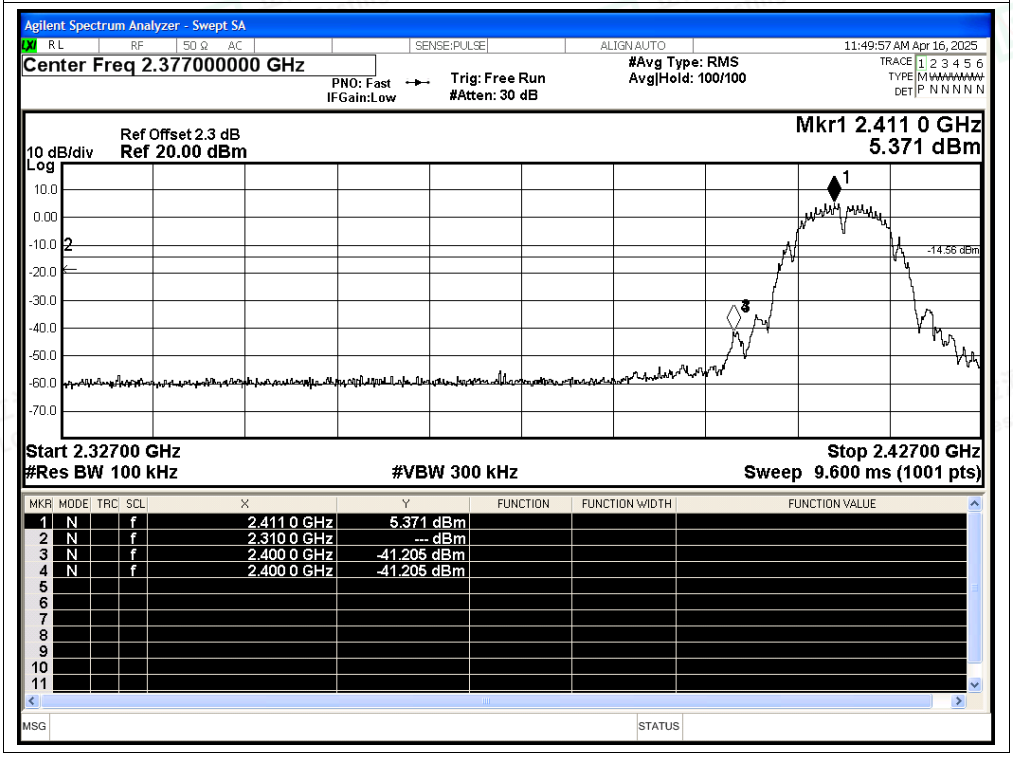
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant3	-46.64	-20	Pass
NVNT	b	2462	Ant3	-59.06	-20	Pass
NVNT	g	2412	Ant3	-32.71	-20	Pass
NVNT	g	2462	Ant3	-44.17	-20	Pass
NVNT	n20	2412	Ant3	-30.63	-20	Pass
NVNT	n20	2462	Ant3	-42.77	-20	Pass
NVNT	n40	2422	Ant3	-36.52	-20	Pass
NVNT	n40	2452	Ant3	-37.73	-20	Pass

Test Graphs

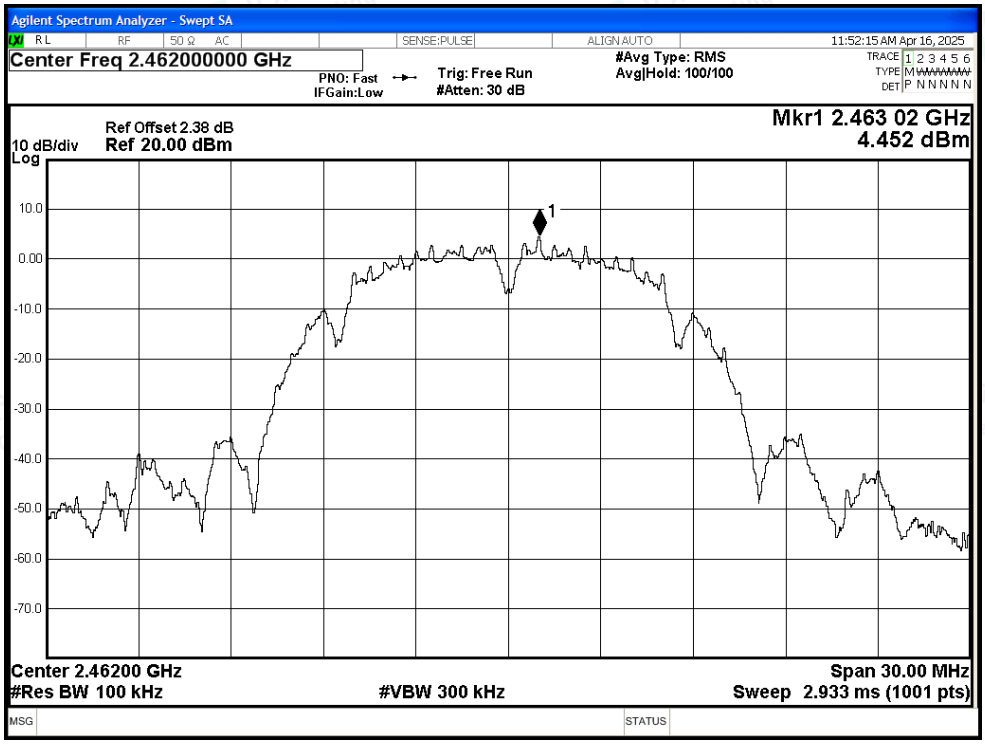
Band Edge NVNT b 2412MHz Ant3 Ref



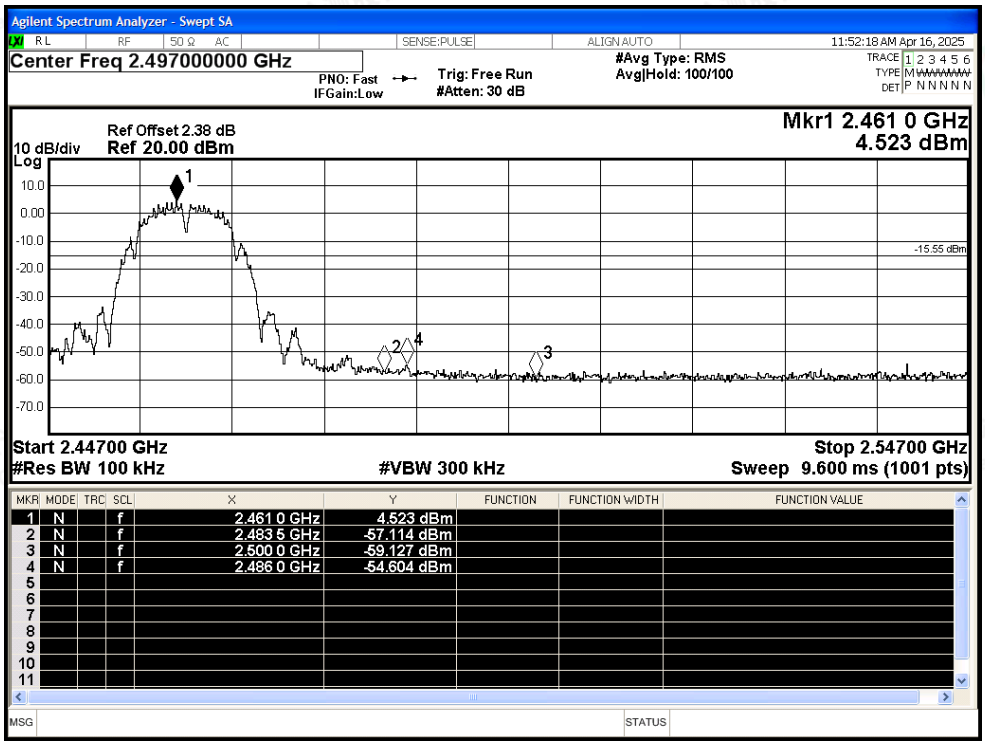
Band Edge NVNT b 2412MHz Ant3 Emission



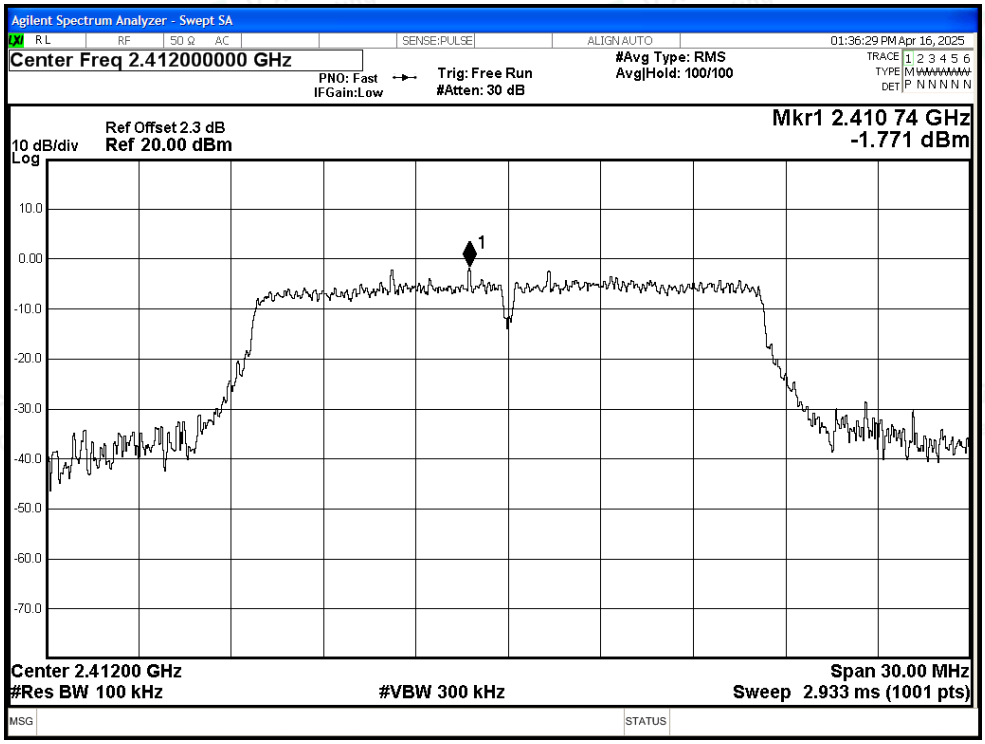
Band Edge NVNT b 2462MHz Ant3 Ref



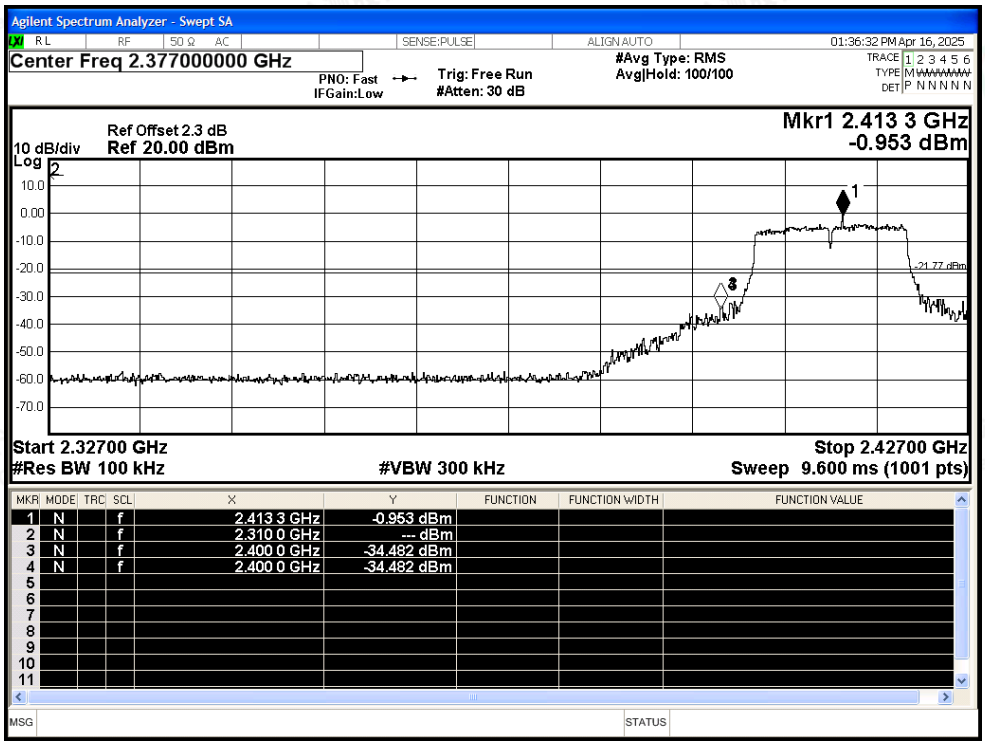
Band Edge NVNT b 2462MHz Ant3 Emission



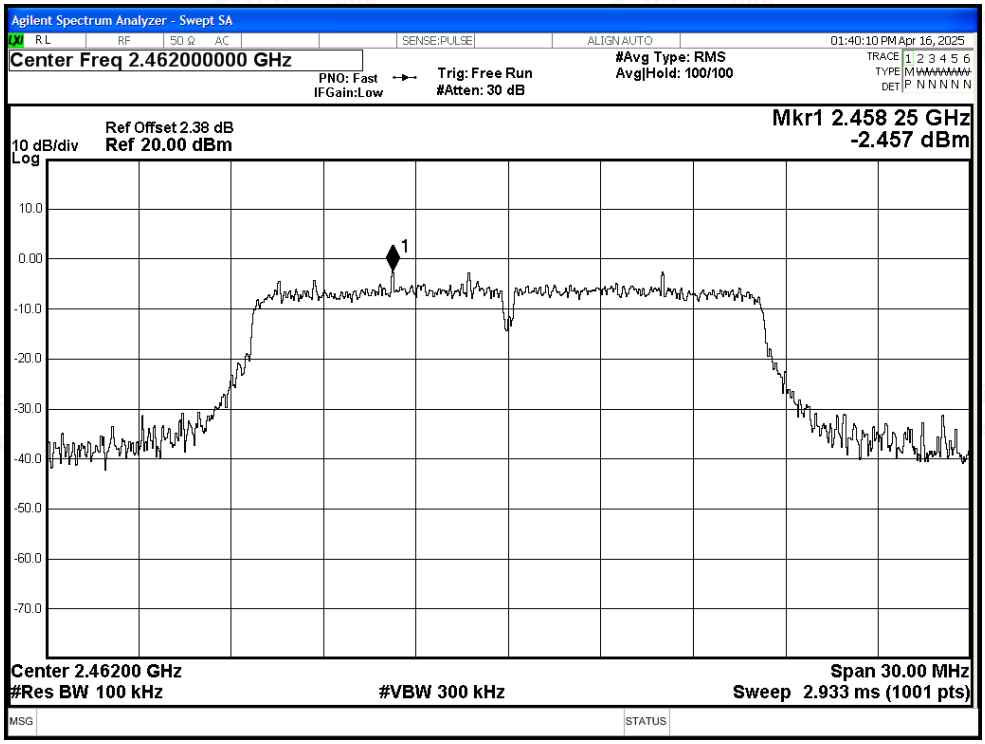
Band Edge NVNT g 2412MHz Ant3 Ref



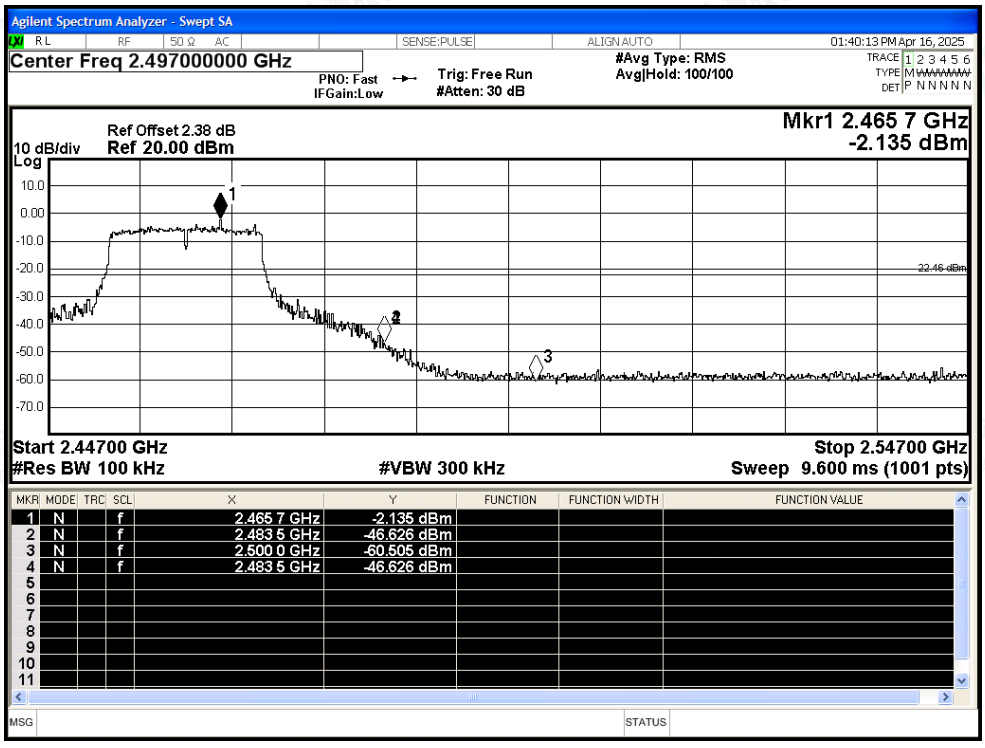
Band Edge NVNT g 2412MHz Ant3 Emission



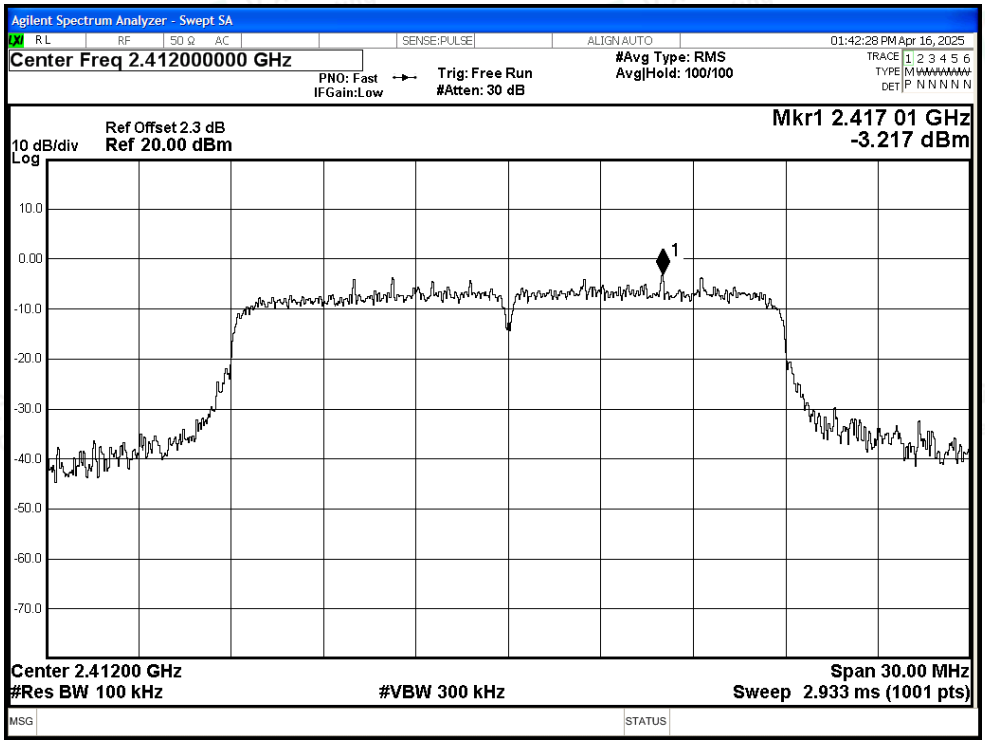
Band Edge NVNT g 2462MHz Ant3 Ref



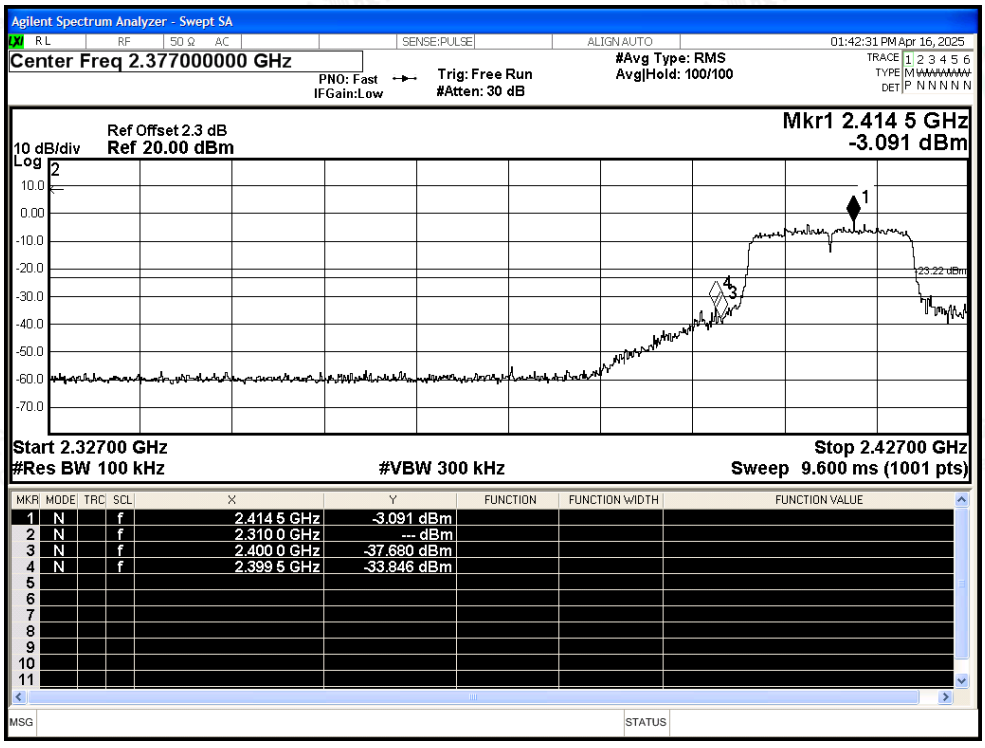
Band Edge NVNT g 2462MHz Ant3 Emission



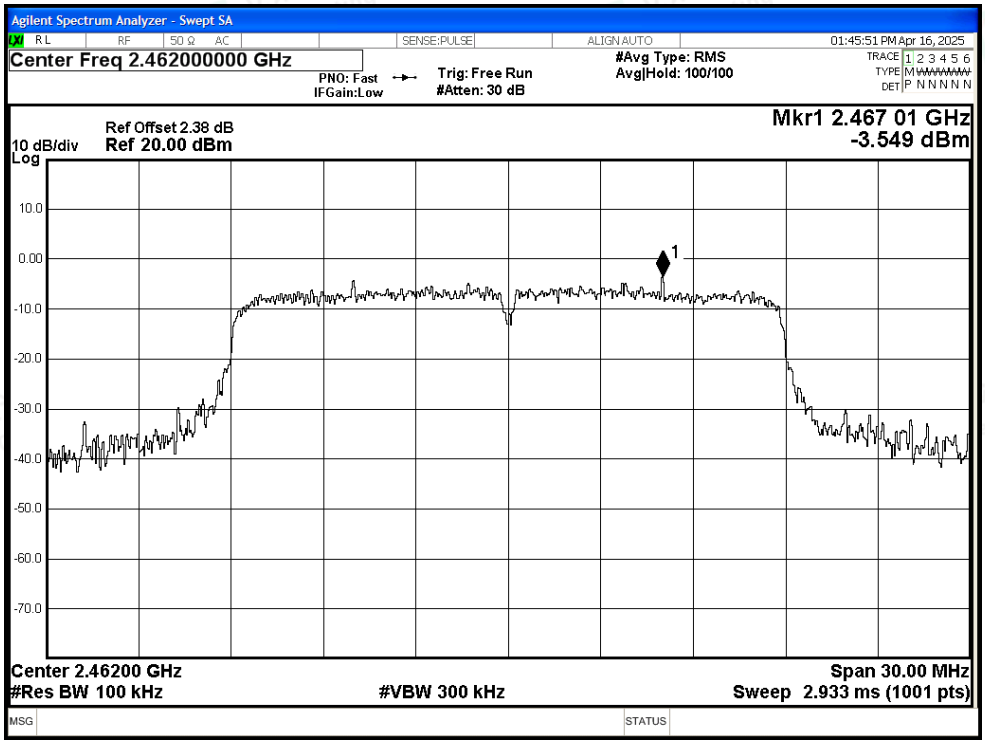
Band Edge NVNT n20 2412MHz Ant3 Ref



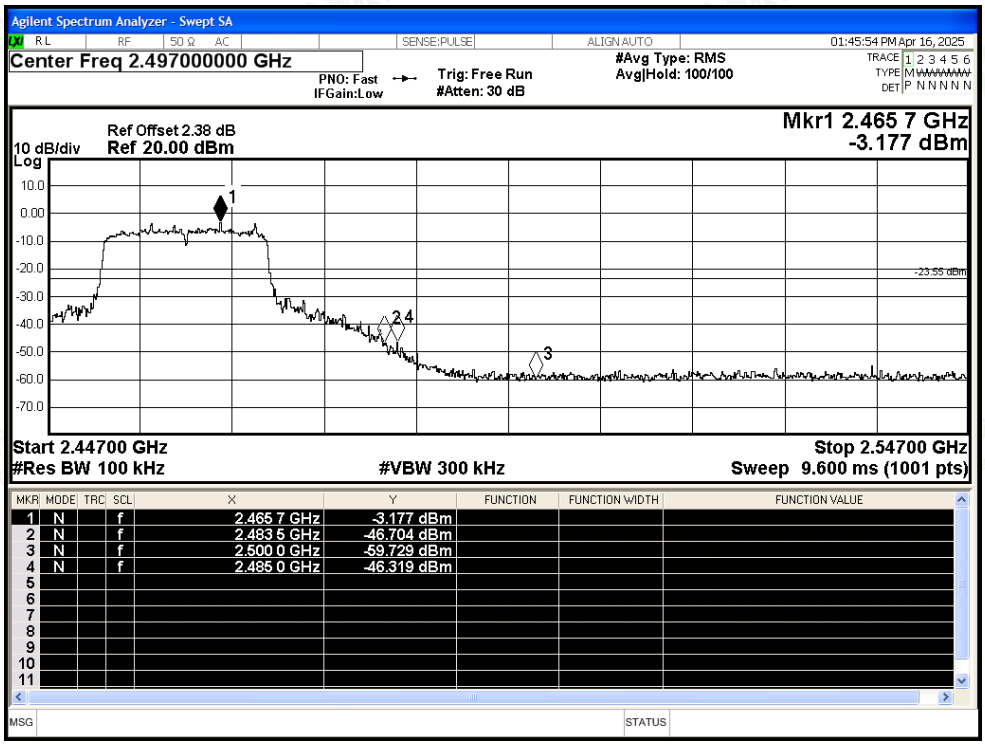
Band Edge NVNT n20 2412MHz Ant3 Emission



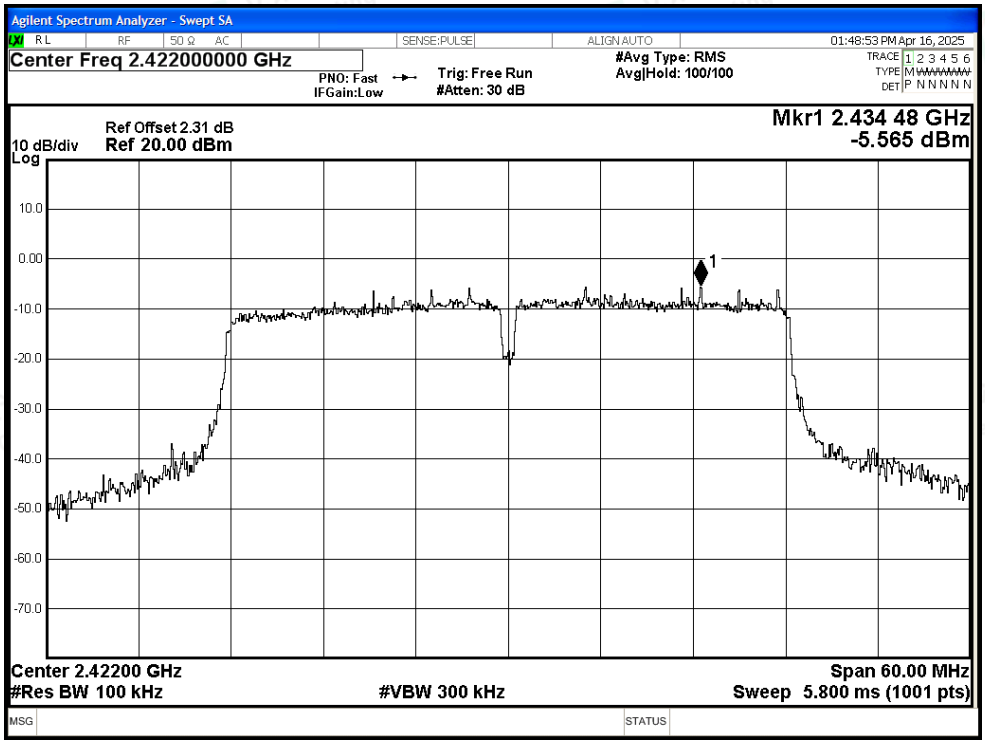
Band Edge NVNT n20 2462MHz Ant3 Ref



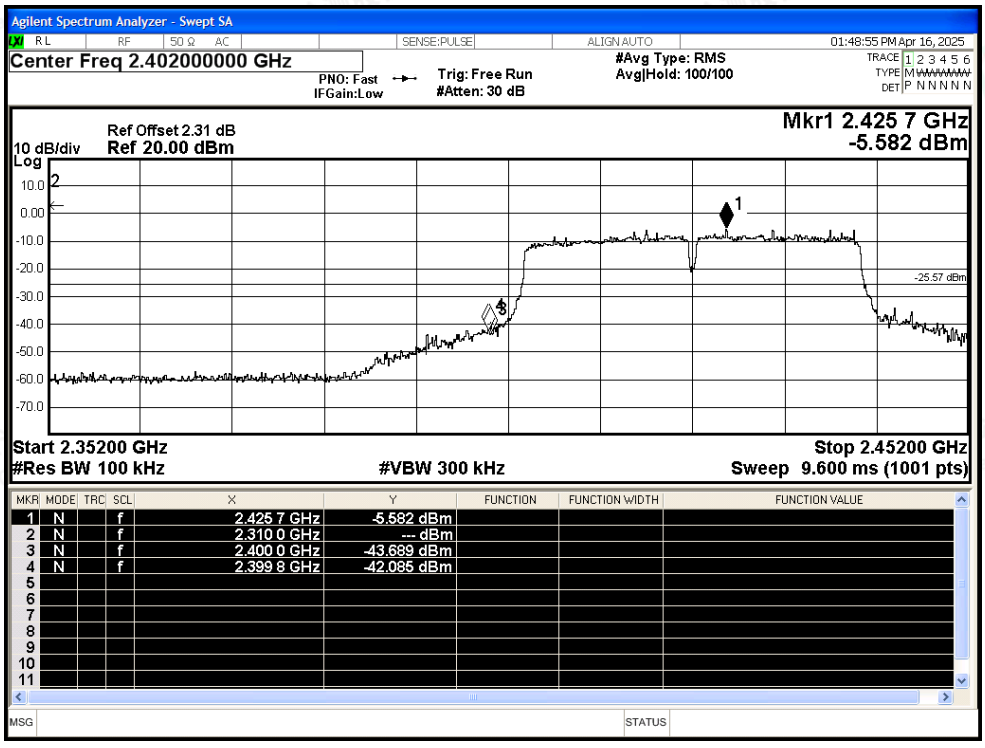
Band Edge NVNT n20 2462MHz Ant3 Emission



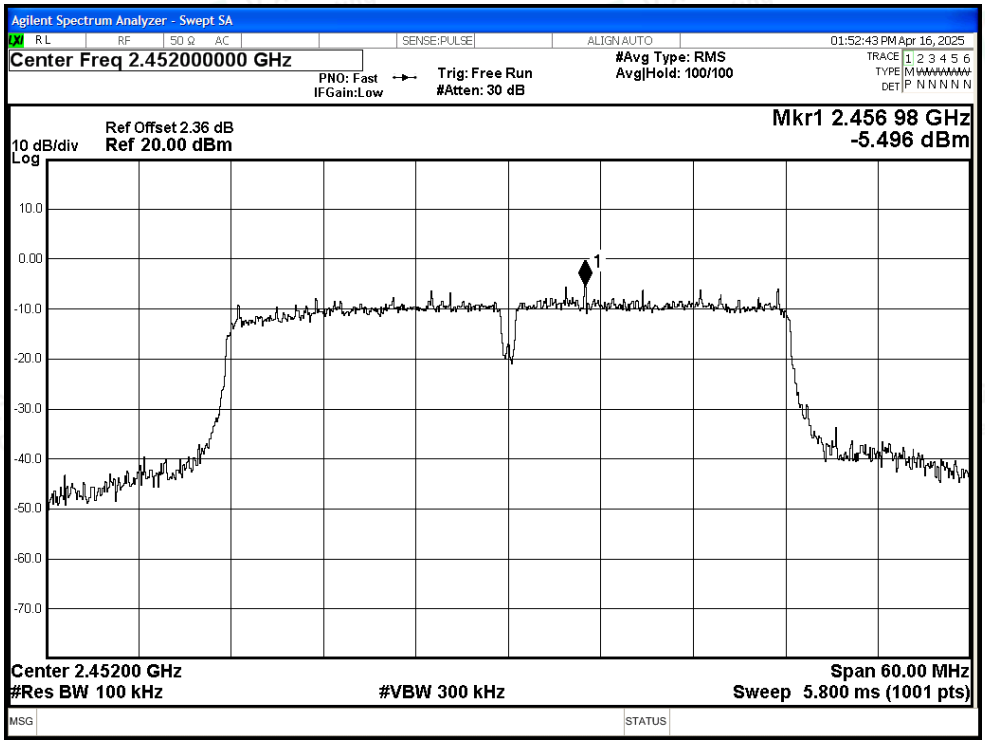
Band Edge NVNT n40 2422MHz Ant3 Ref



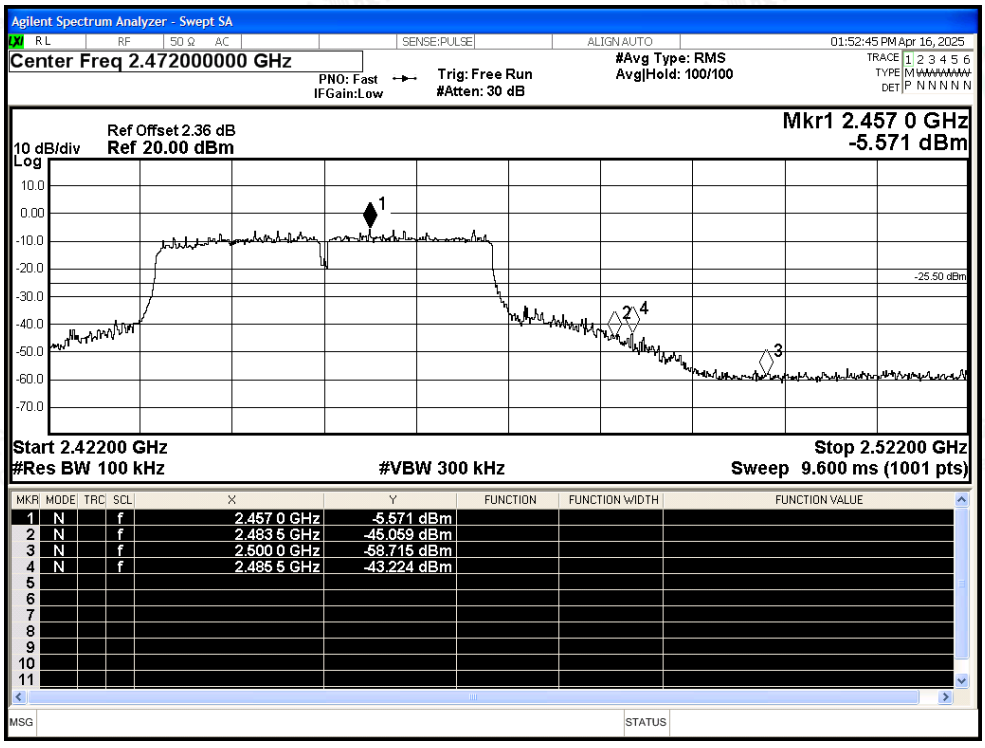
Band Edge NVNT n40 2422MHz Ant3 Emission



Band Edge NVNT n40 2452MHz Ant3 Ref



Band Edge NVNT n40 2452MHz Ant3 Emission

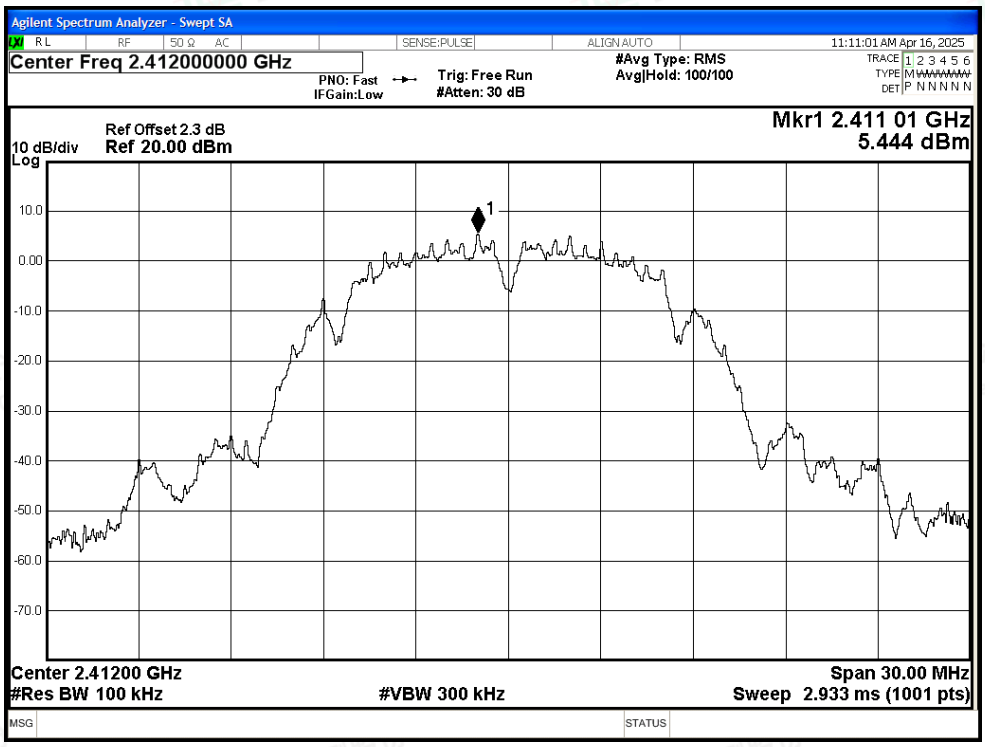


C.5 Conducted RF Spurious Emission

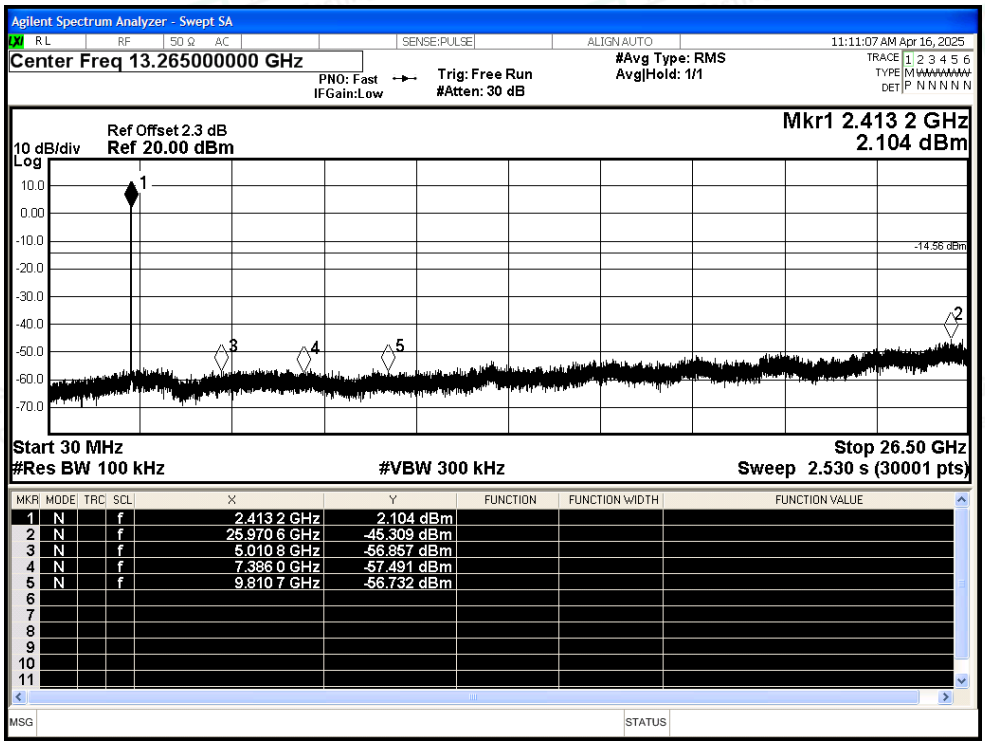
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-50.75	-20	Pass
NVNT	b	2437	Ant1	-50.52	-20	Pass
NVNT	b	2462	Ant1	-50	-20	Pass
NVNT	g	2412	Ant1	-44.27	-20	Pass
NVNT	g	2437	Ant1	-43.1	-20	Pass
NVNT	g	2462	Ant1	-44.95	-20	Pass
NVNT	n20	2412	Ant1	-42	-20	Pass
NVNT	n20	2437	Ant1	-42.96	-20	Pass
NVNT	n20	2462	Ant1	-42.8	-20	Pass
NVNT	n40	2422	Ant1	-40.19	-20	Pass
NVNT	n40	2437	Ant1	-39.49	-20	Pass
NVNT	n40	2452	Ant1	-39.47	-20	Pass

Test Graphs

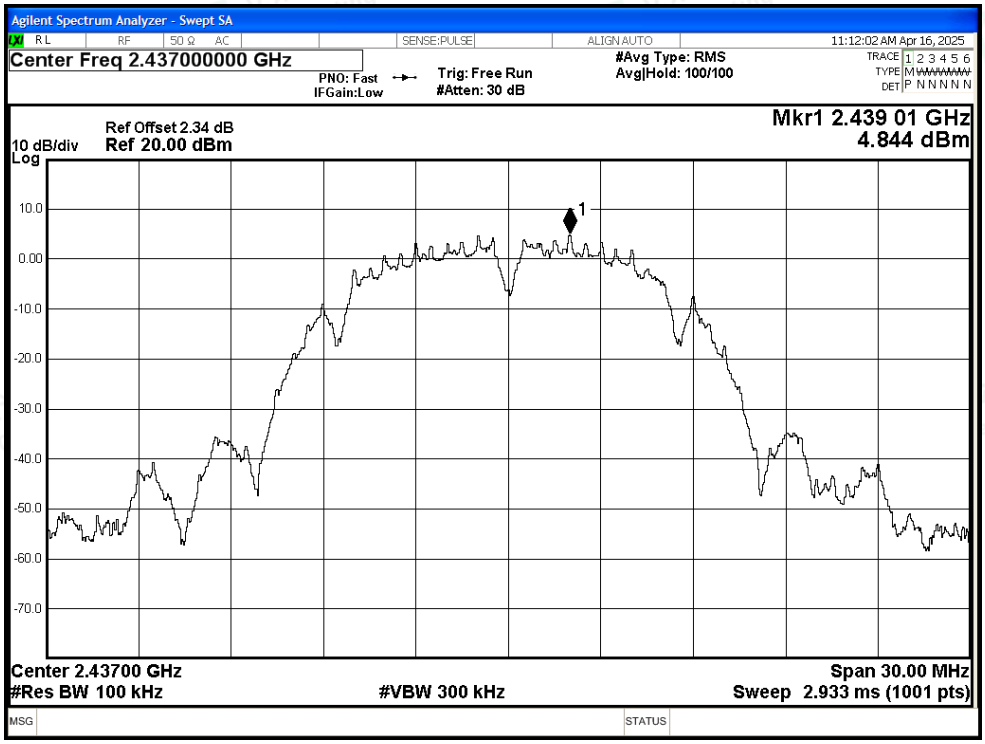
Tx. Spurious NVNT b 2412MHz Ant1 Ref



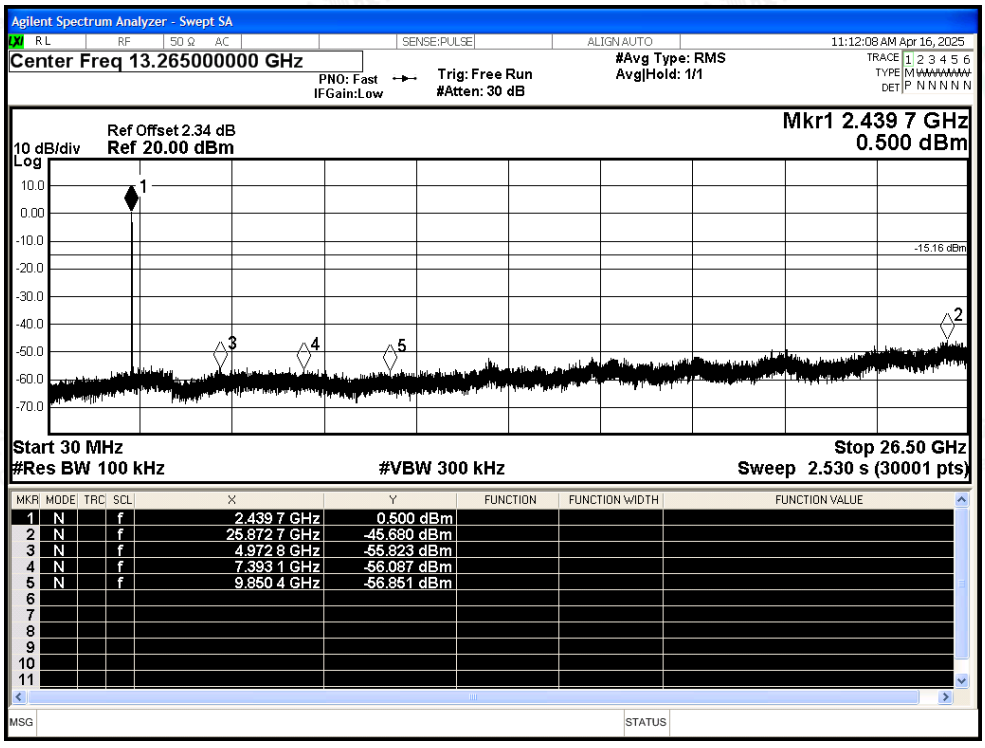
Tx. Spurious NVNT b 2412MHz Ant1 Emission



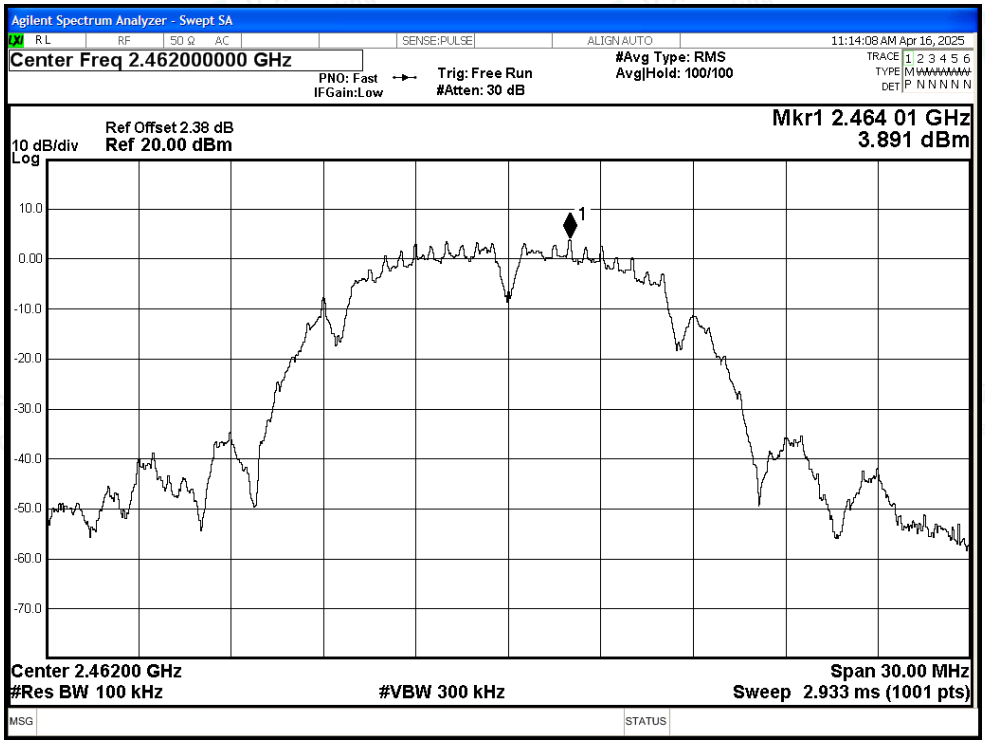
Tx. Spurious NVNT b 2437MHz Ant1 Ref



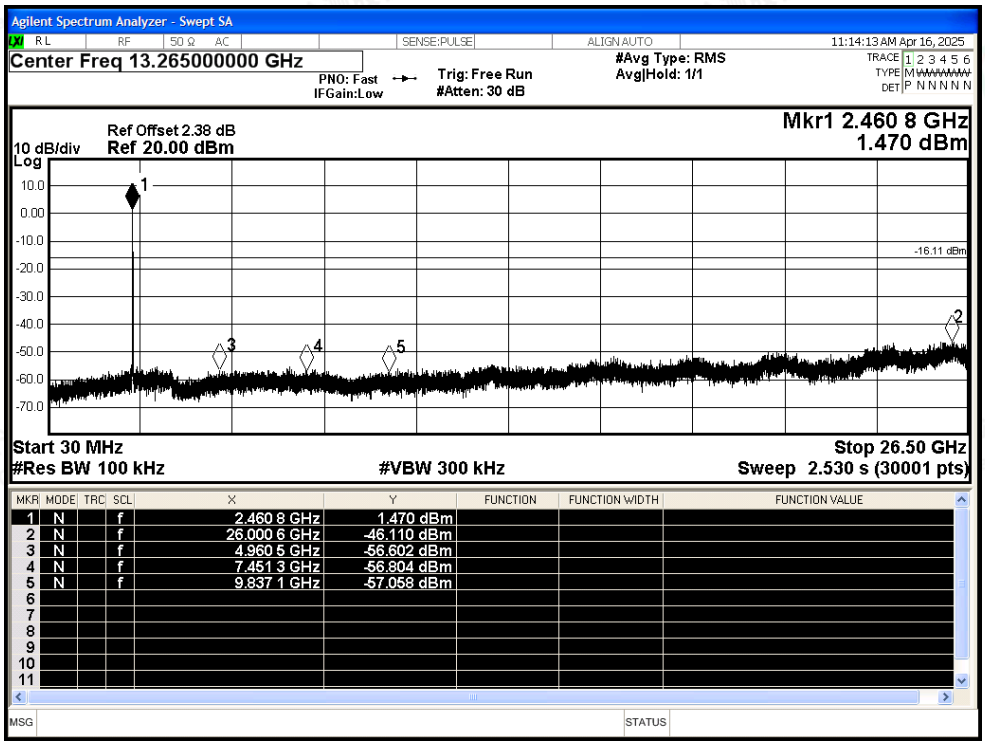
Tx. Spurious NVNT b 2437MHz Ant1 Emission



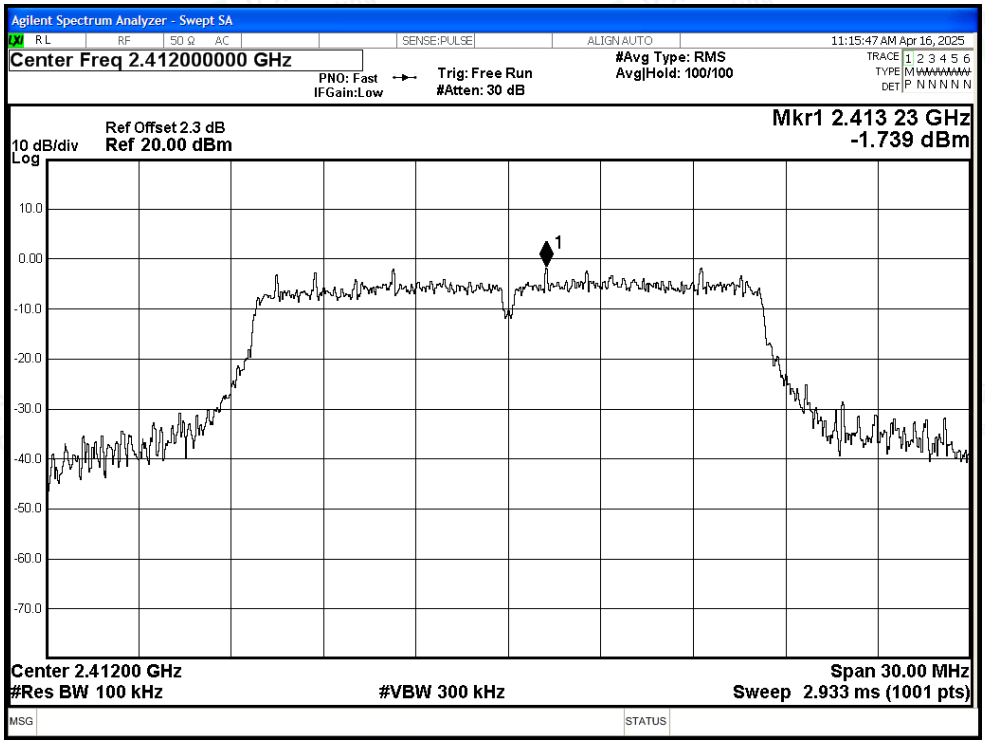
Tx. Spurious NVNT b 2462MHz Ant1 Ref



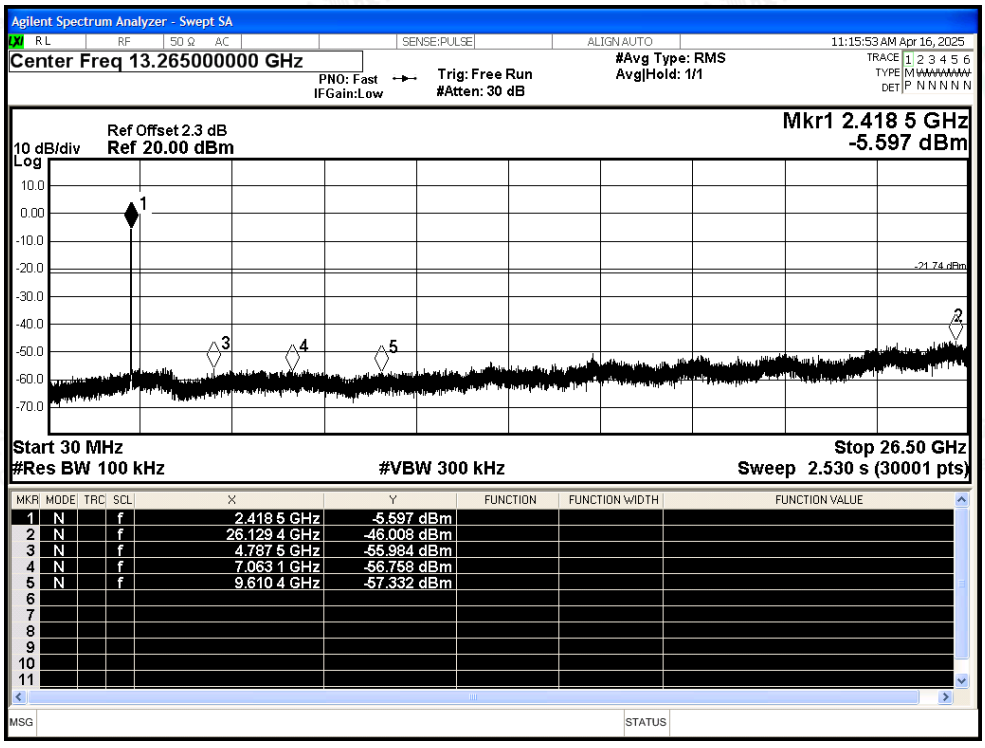
Tx. Spurious NVNT b 2462MHz Ant1 Emission



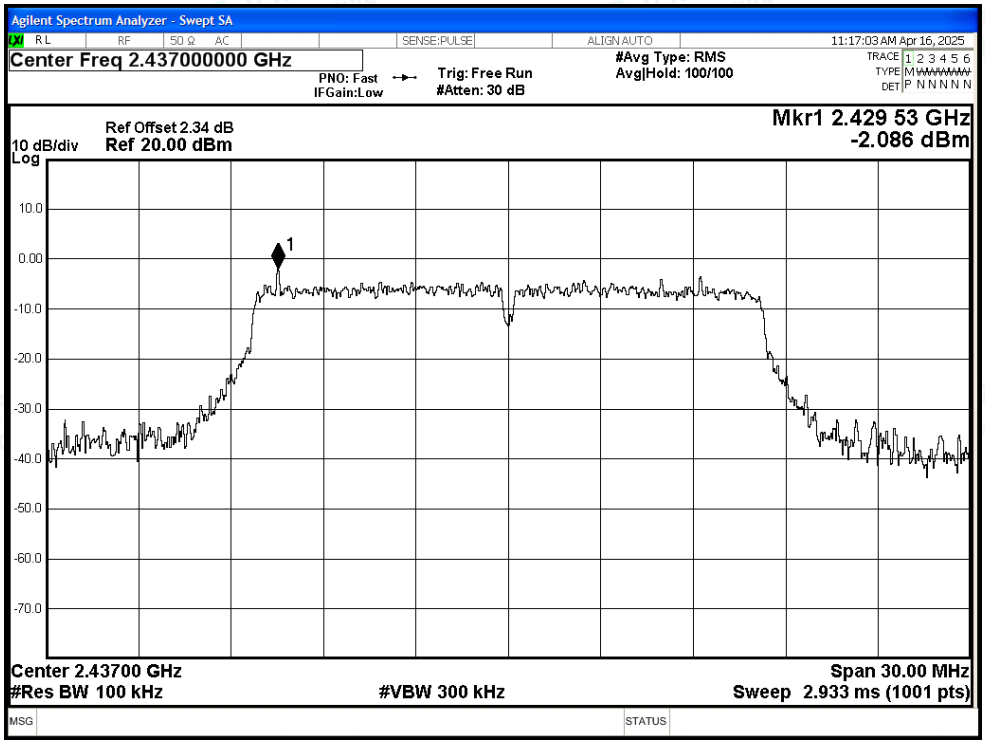
Tx. Spurious NVNT g 2412MHz Ant1 Ref



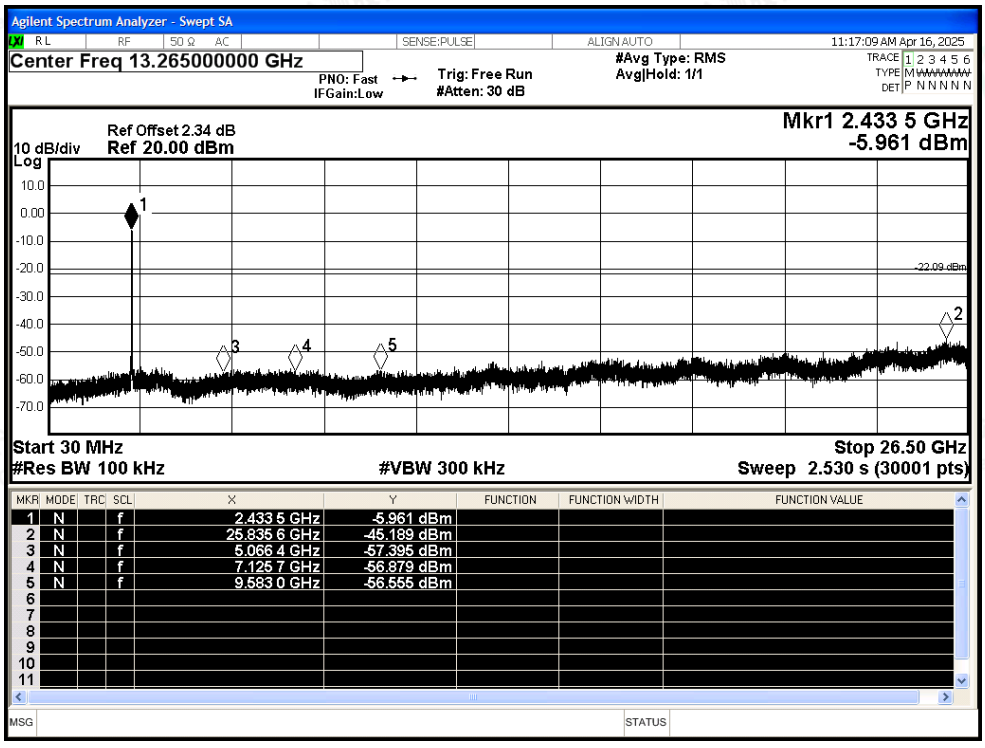
Tx. Spurious NVNT g 2412MHz Ant1 Emission



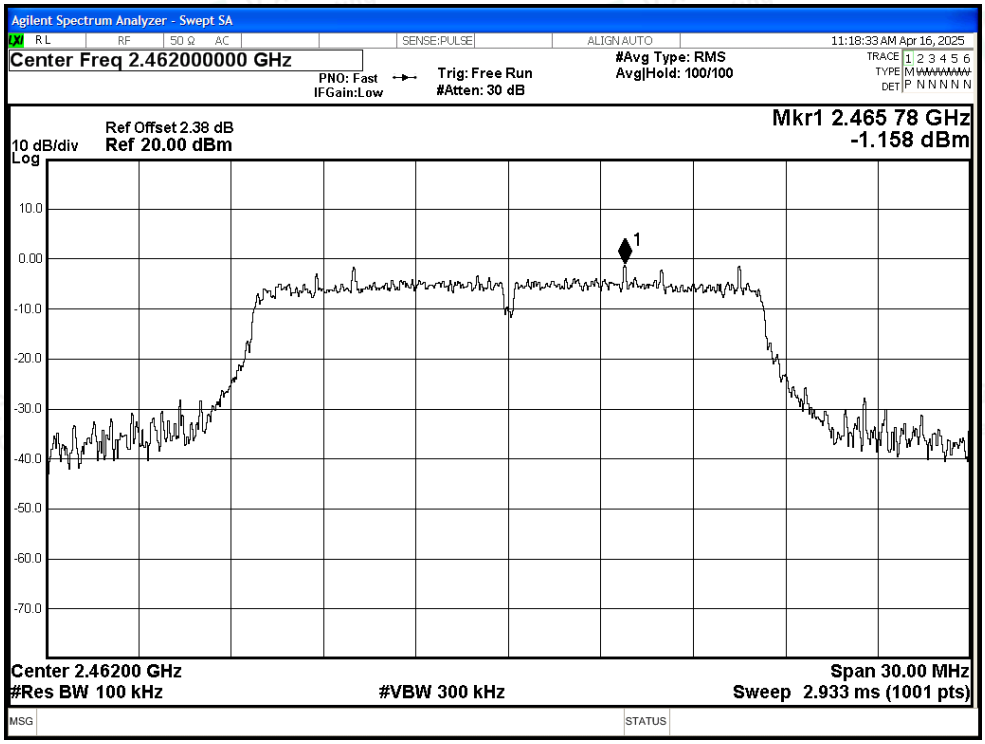
Tx. Spurious NVNT g 2437MHz Ant1 Ref



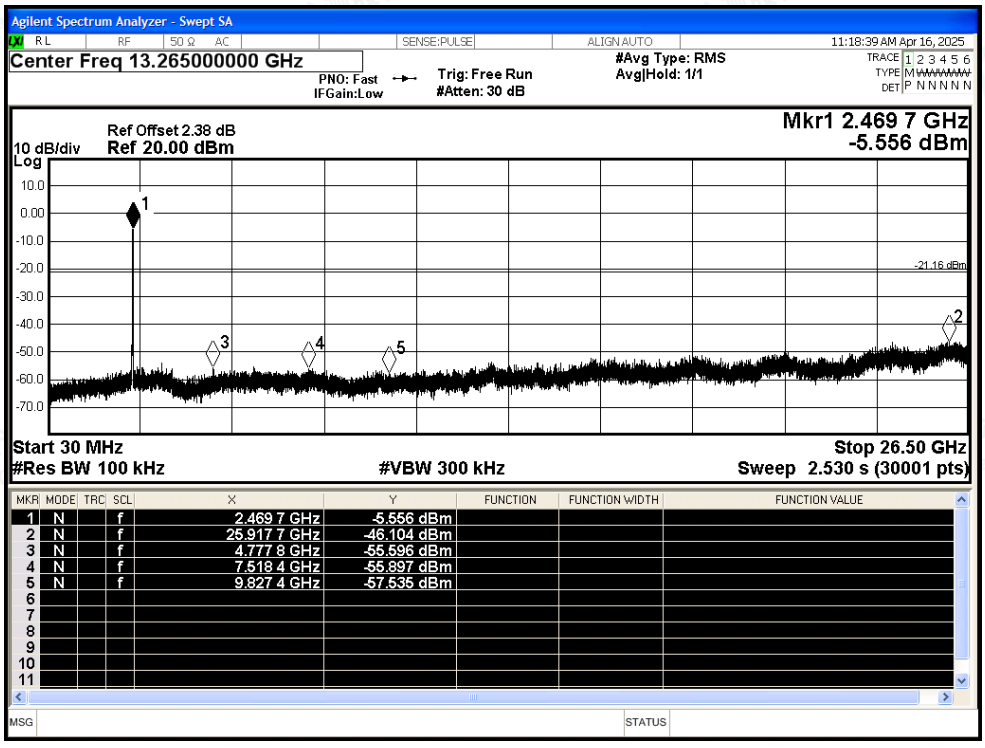
Tx. Spurious NVNT g 2437MHz Ant1 Emission



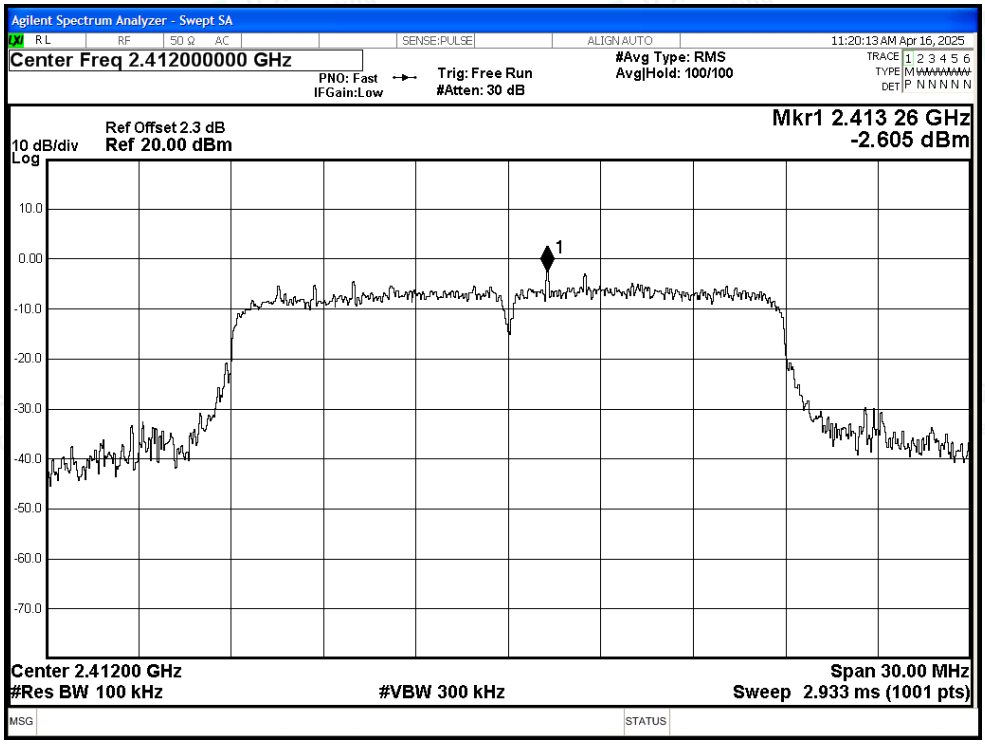
Tx. Spurious NVNT g 2462MHz Ant1 Ref



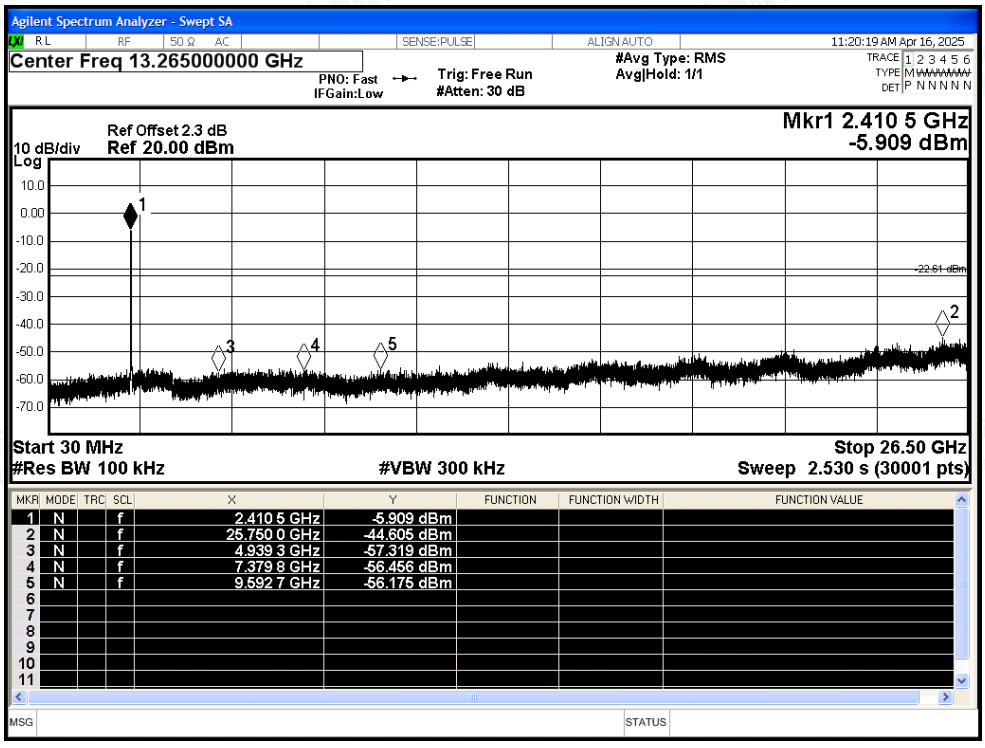
Tx. Spurious NVNT g 2462MHz Ant1 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Tx. Spurious NVNT n20 2412MHz Ant1 Emission



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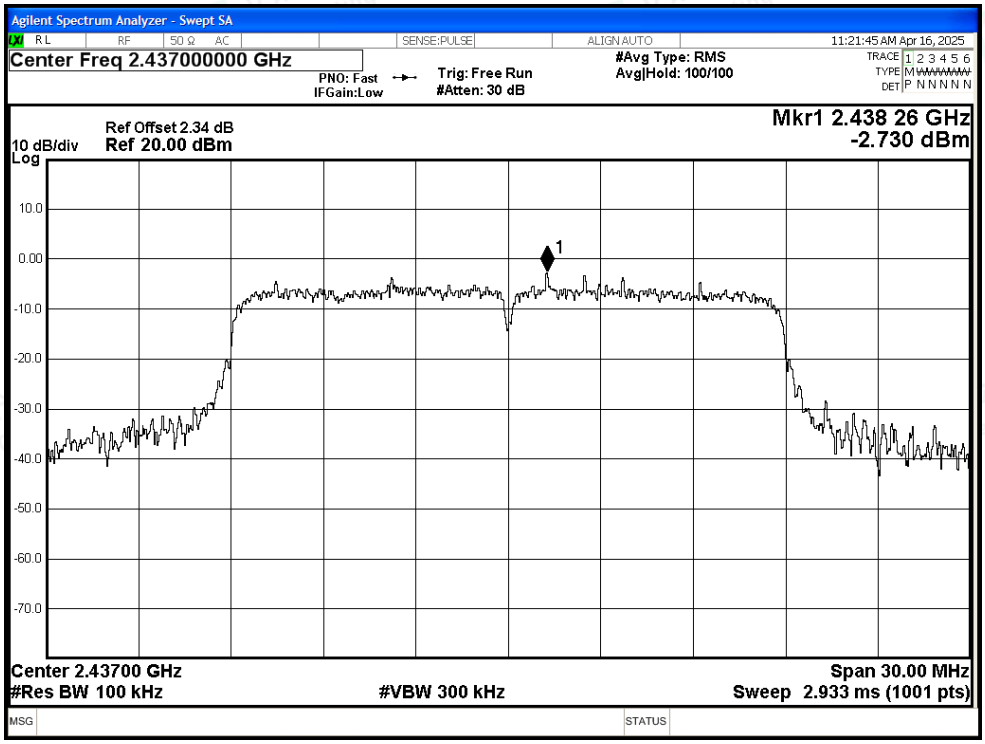

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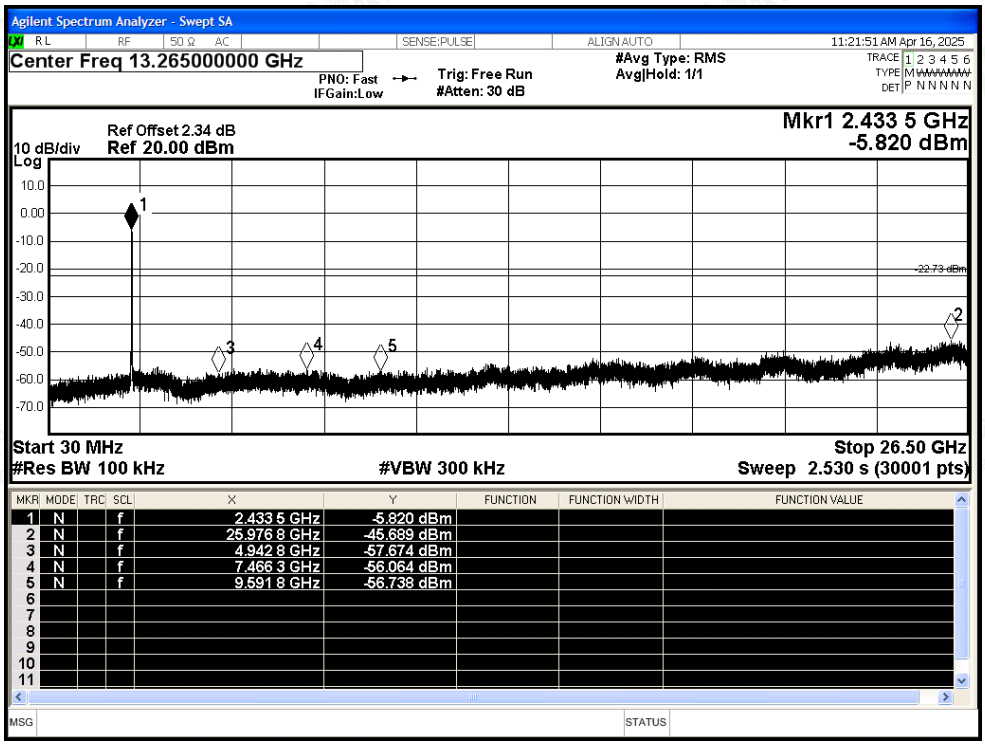

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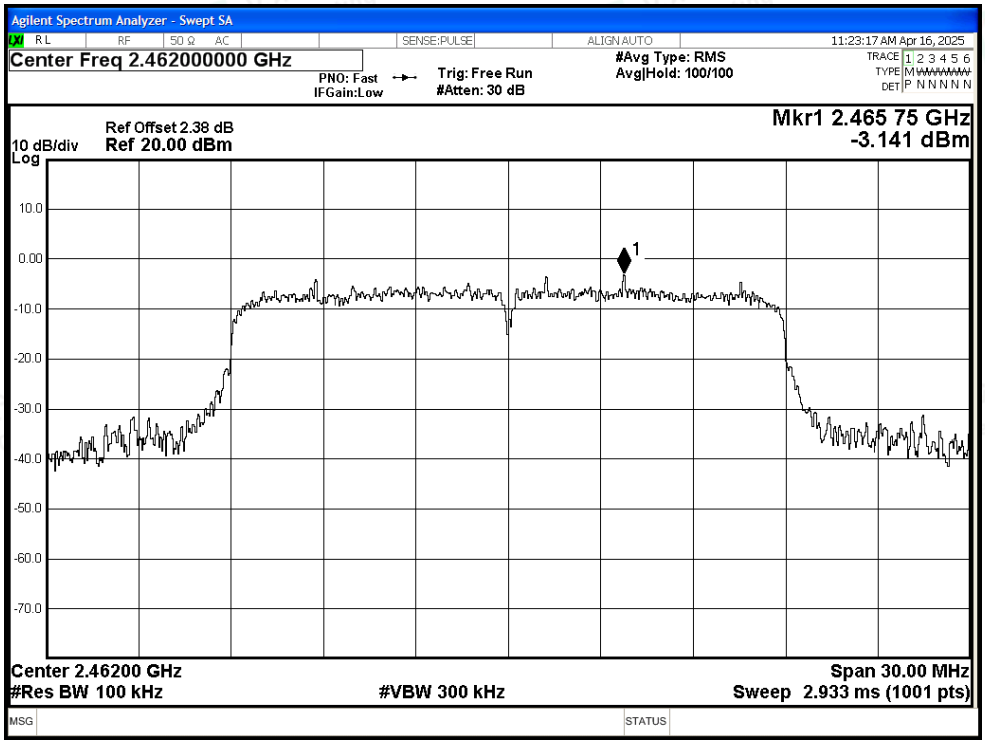

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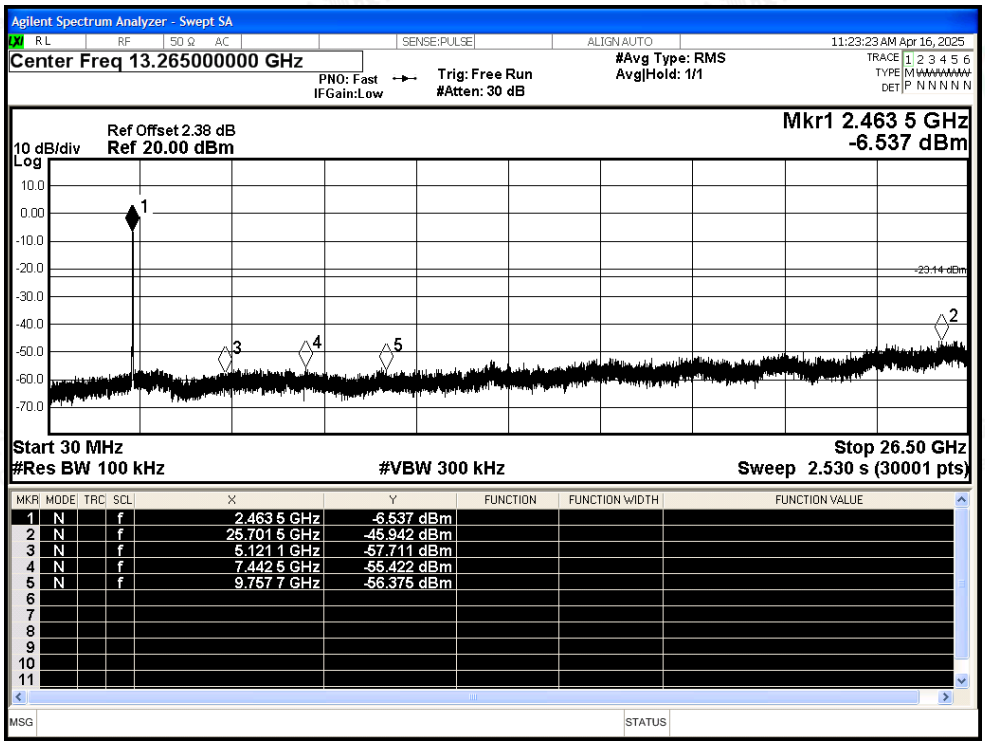

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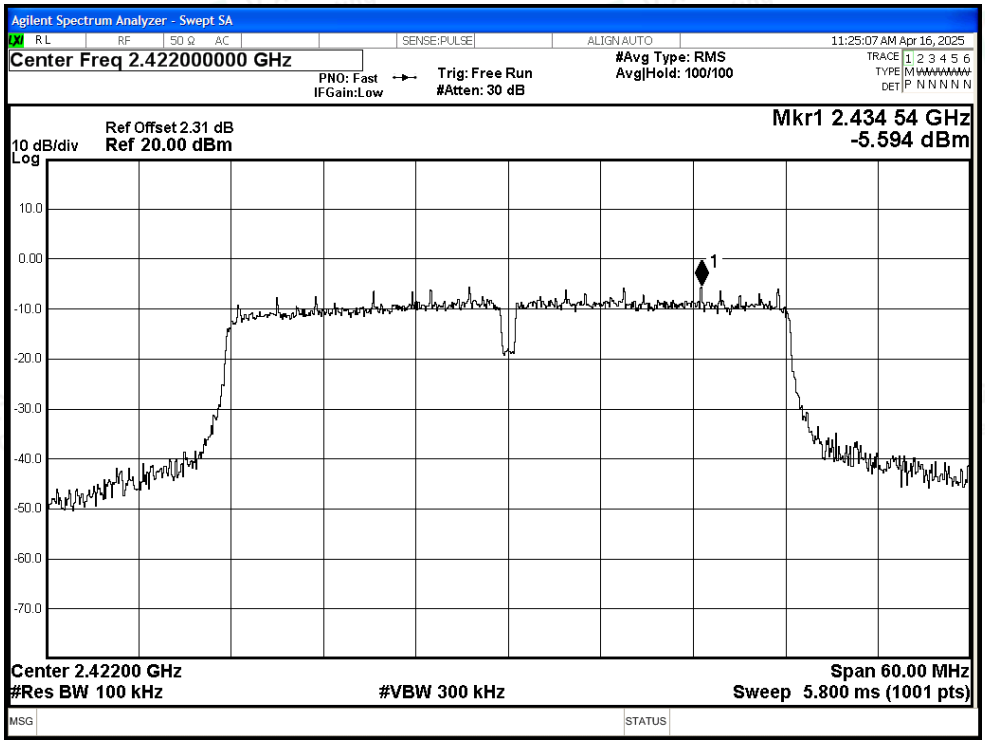

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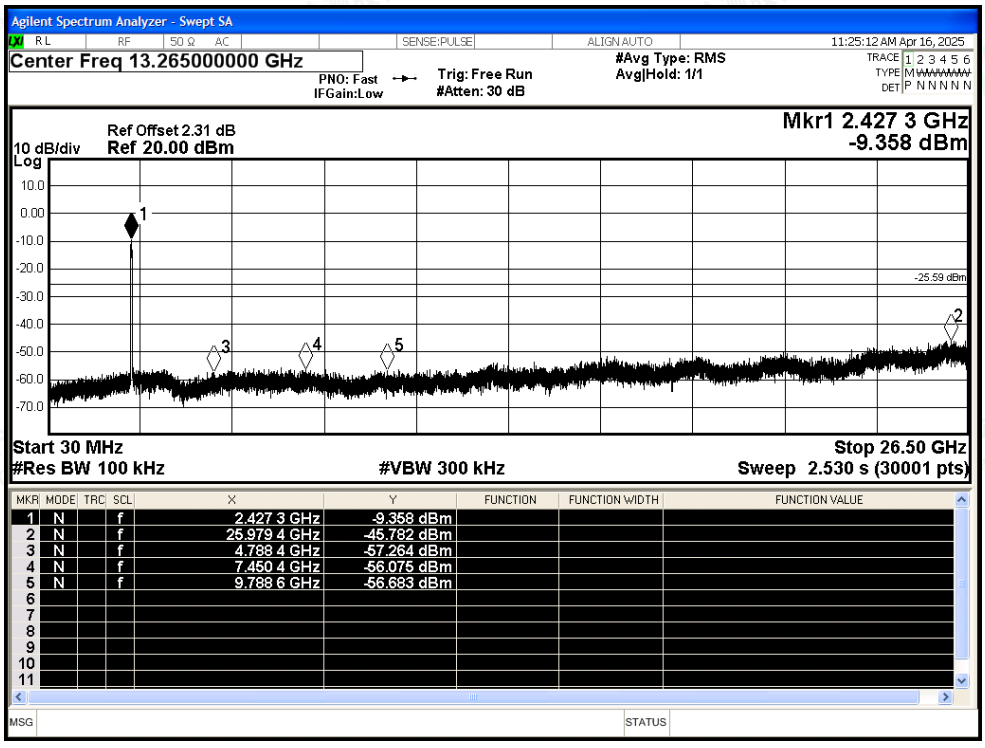

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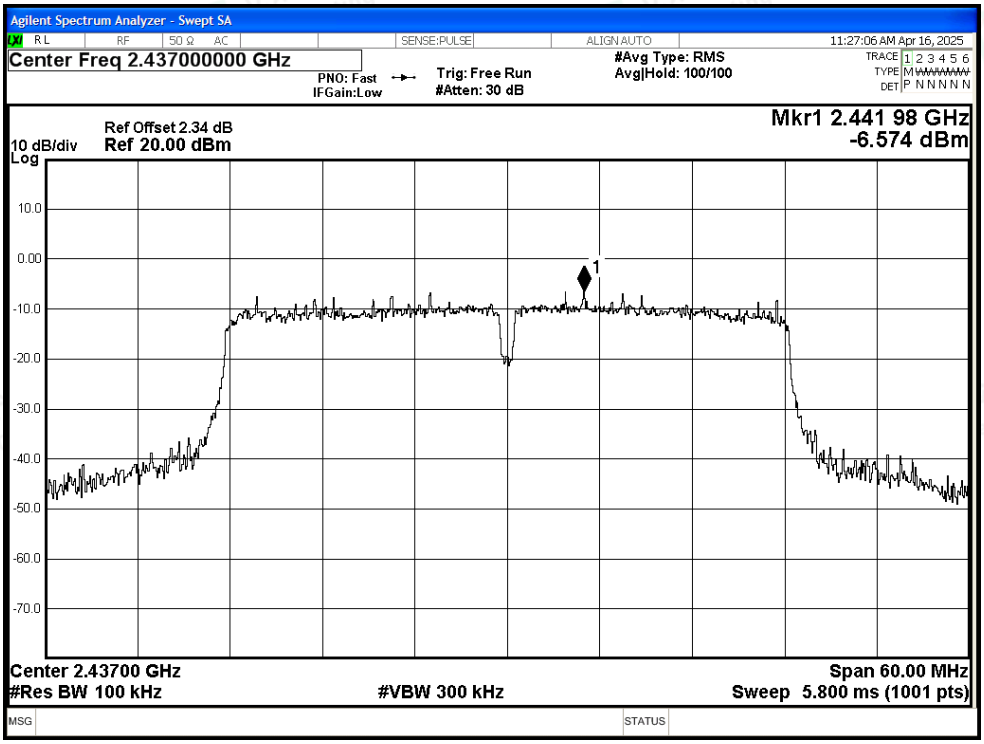

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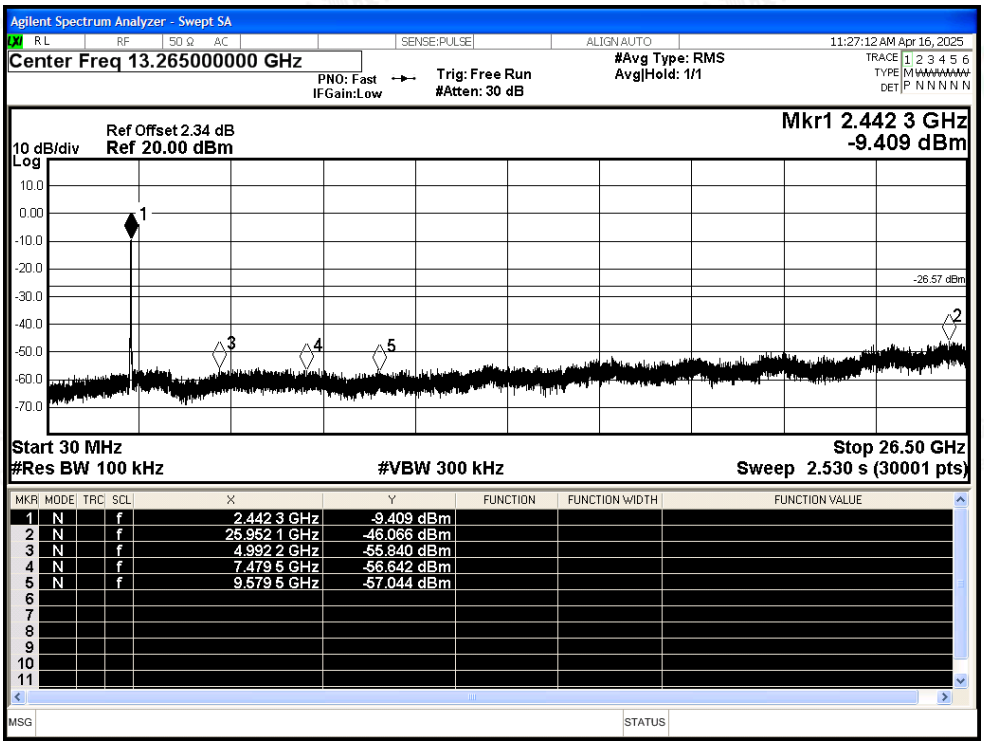
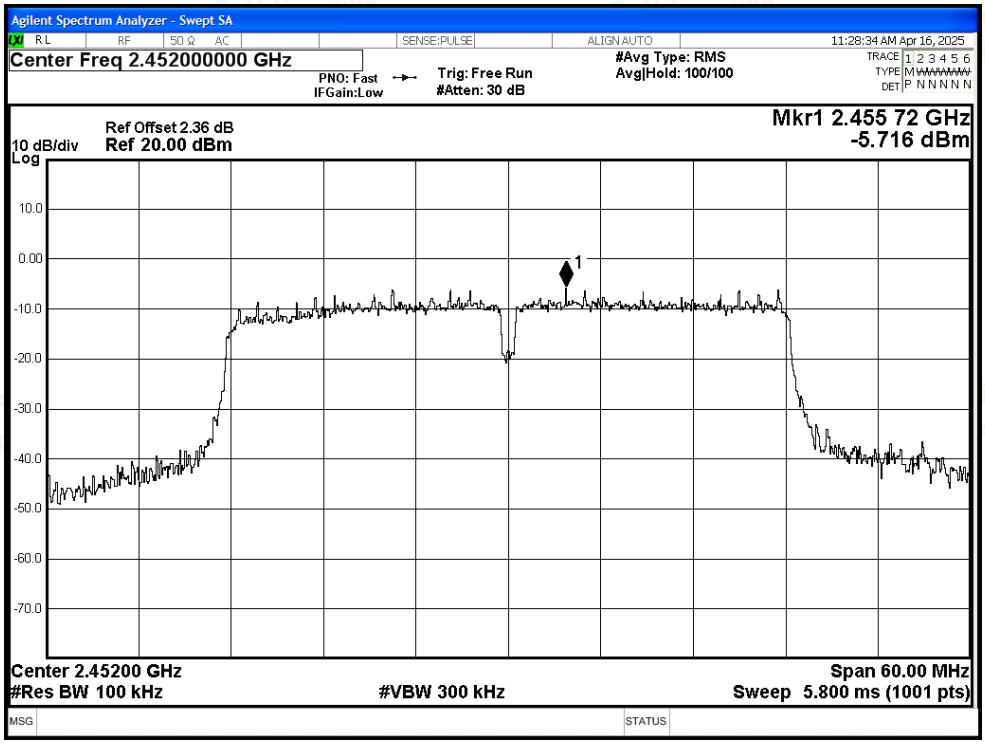
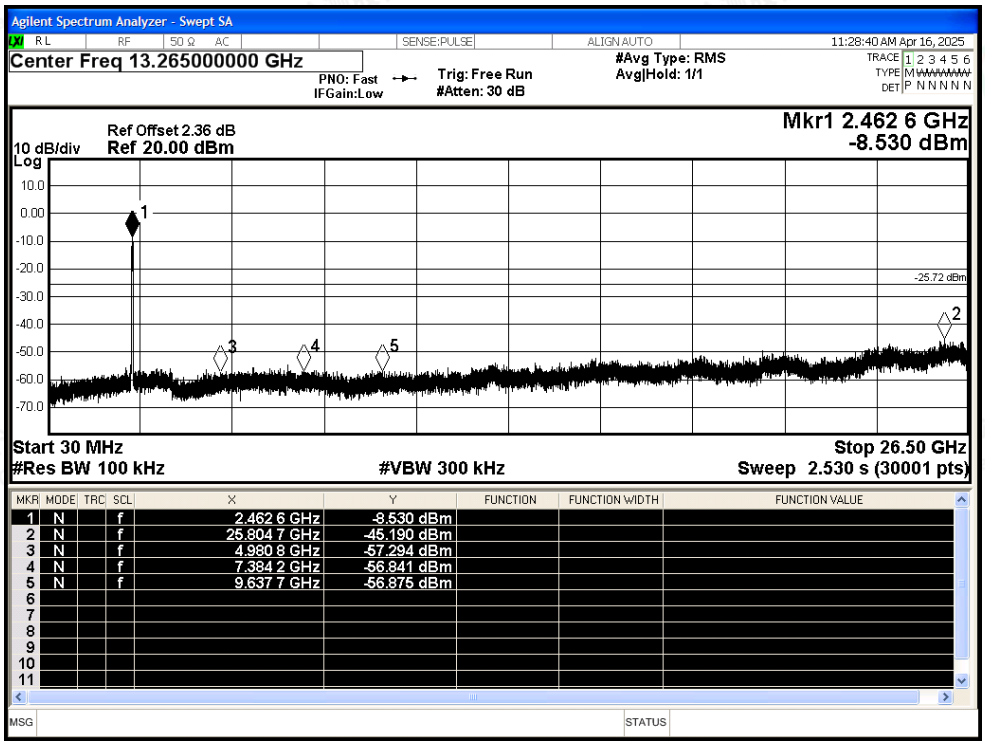


Tx. Spurious NVNT n40 2452MHz Ant1 Ref



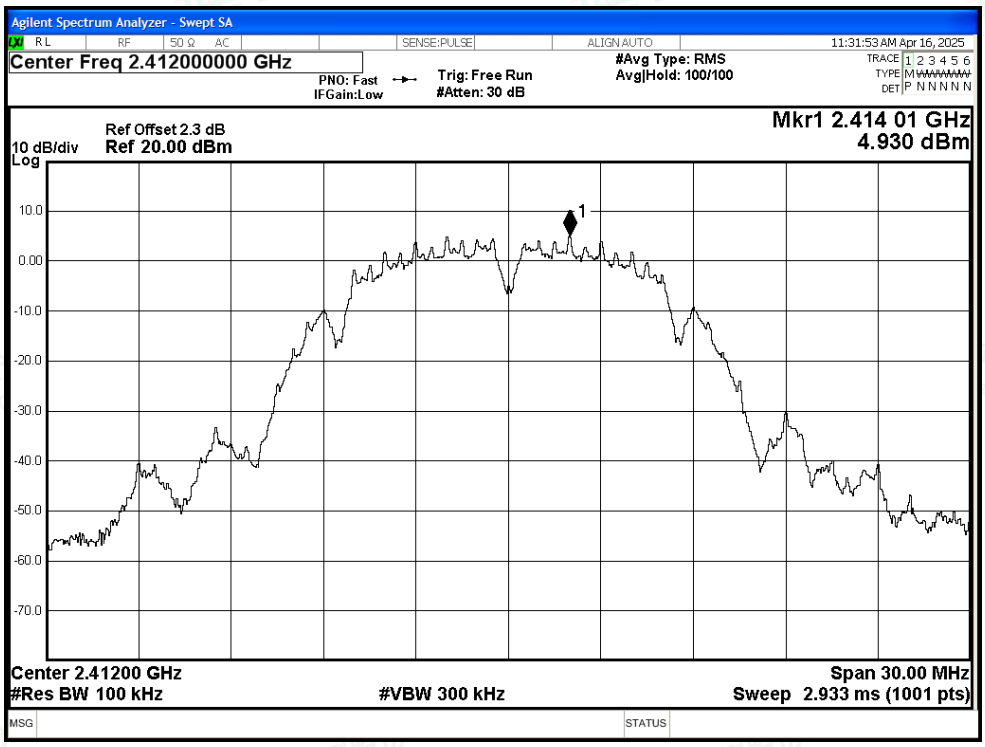
Tx. Spurious NVNT n40 2452MHz Ant1 Emission



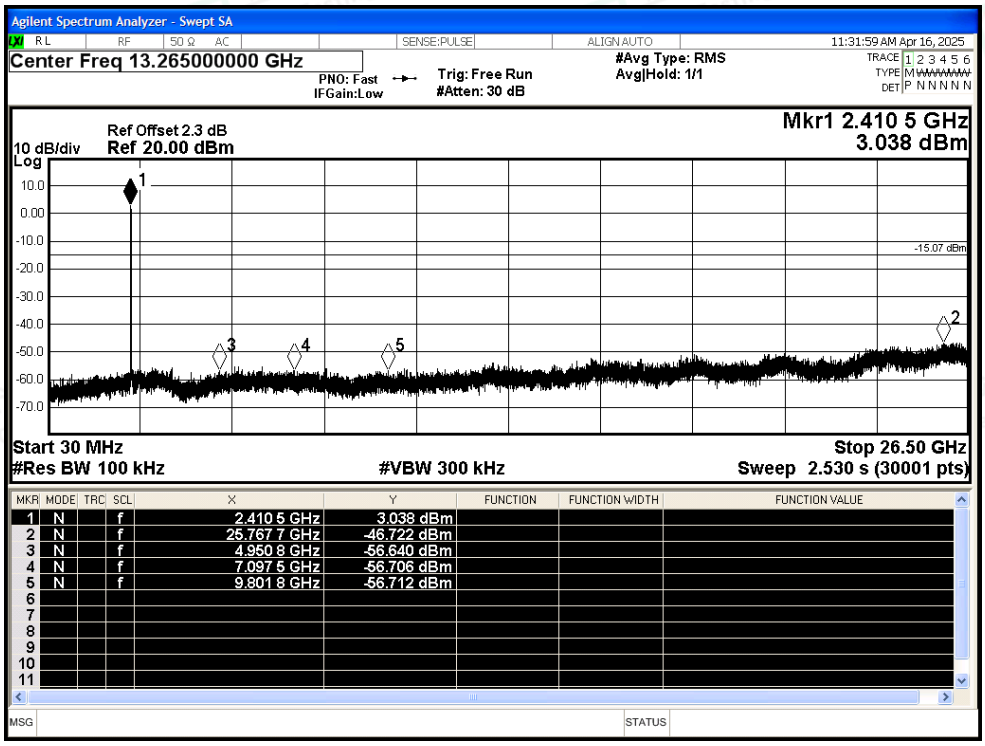
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant2	-51.65	-20	Pass
NVNT	b	2437	Ant2	-50.21	-20	Pass
NVNT	b	2462	Ant2	-50.35	-20	Pass
NVNT	g	2412	Ant2	-43.31	-20	Pass
NVNT	g	2437	Ant2	-43.31	-20	Pass
NVNT	g	2462	Ant2	-43.5	-20	Pass
NVNT	n20	2412	Ant2	-42.13	-20	Pass
NVNT	n20	2437	Ant2	-42.67	-20	Pass
NVNT	n20	2462	Ant2	-42.57	-20	Pass
NVNT	n40	2422	Ant2	-41.28	-20	Pass
NVNT	n40	2437	Ant2	-39.18	-20	Pass
NVNT	n40	2452	Ant2	-40.13	-20	Pass

Test Graphs

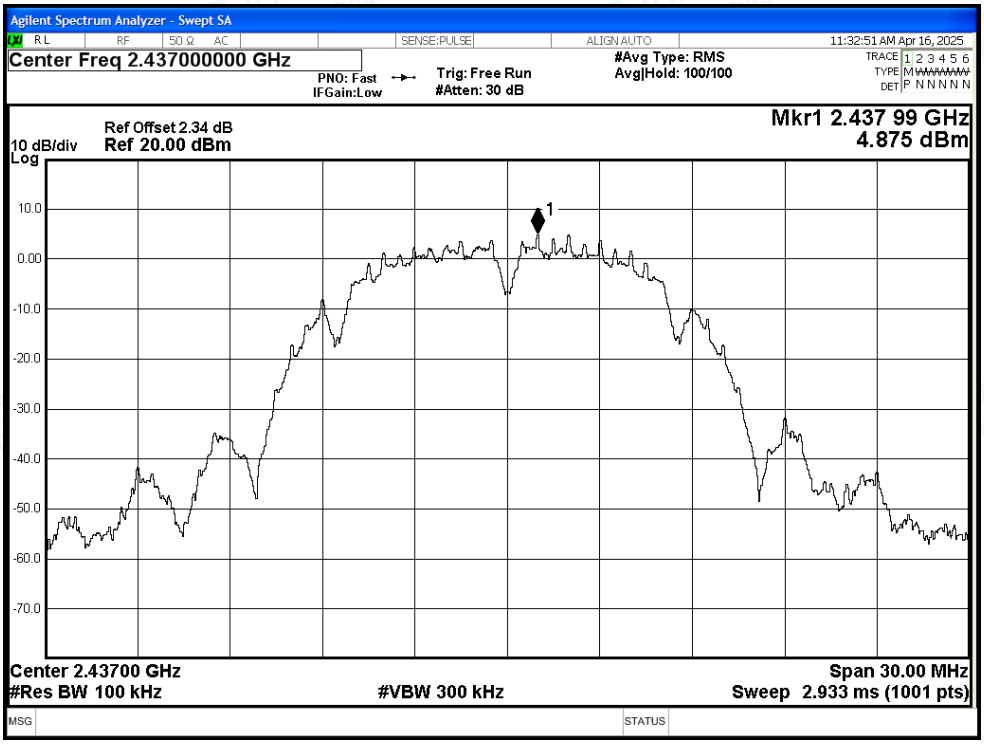
Tx. Spurious NVNT b 2412MHz Ant2 Ref



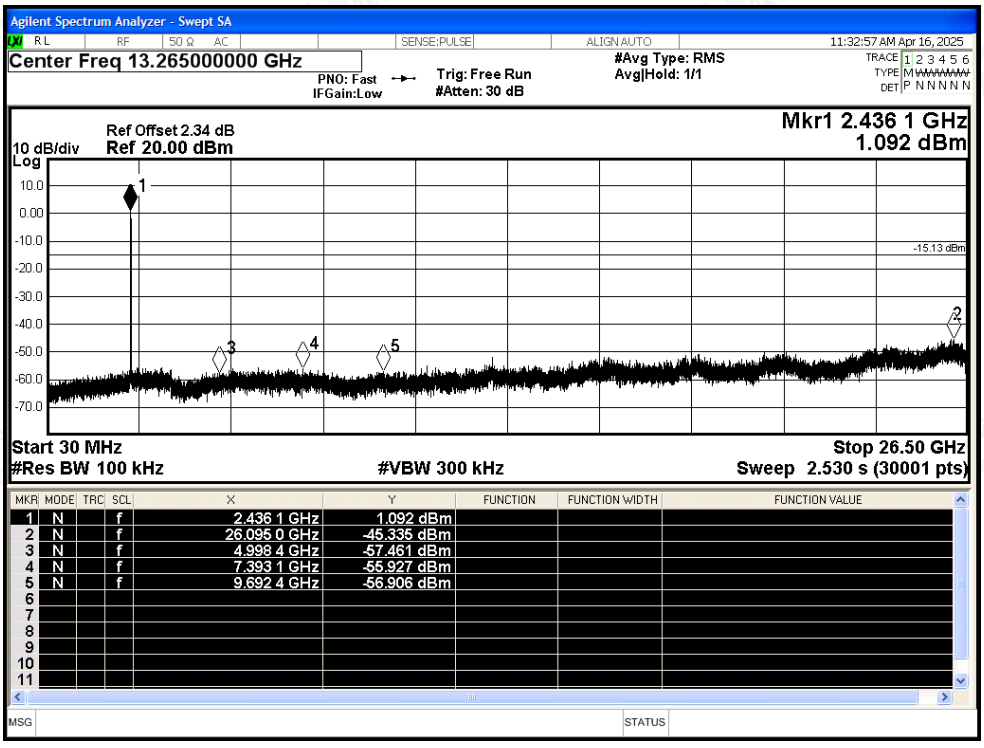
Tx. Spurious NVNT b 2412MHz Ant2 Emission



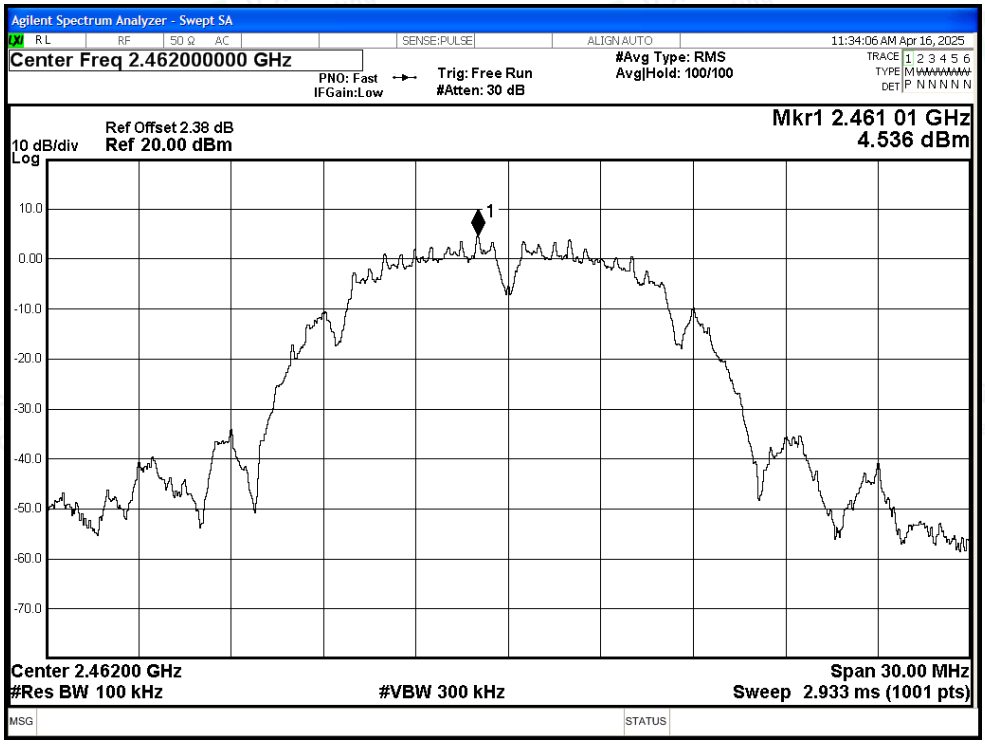
Tx. Spurious NVNT b 2437MHz Ant2 Ref



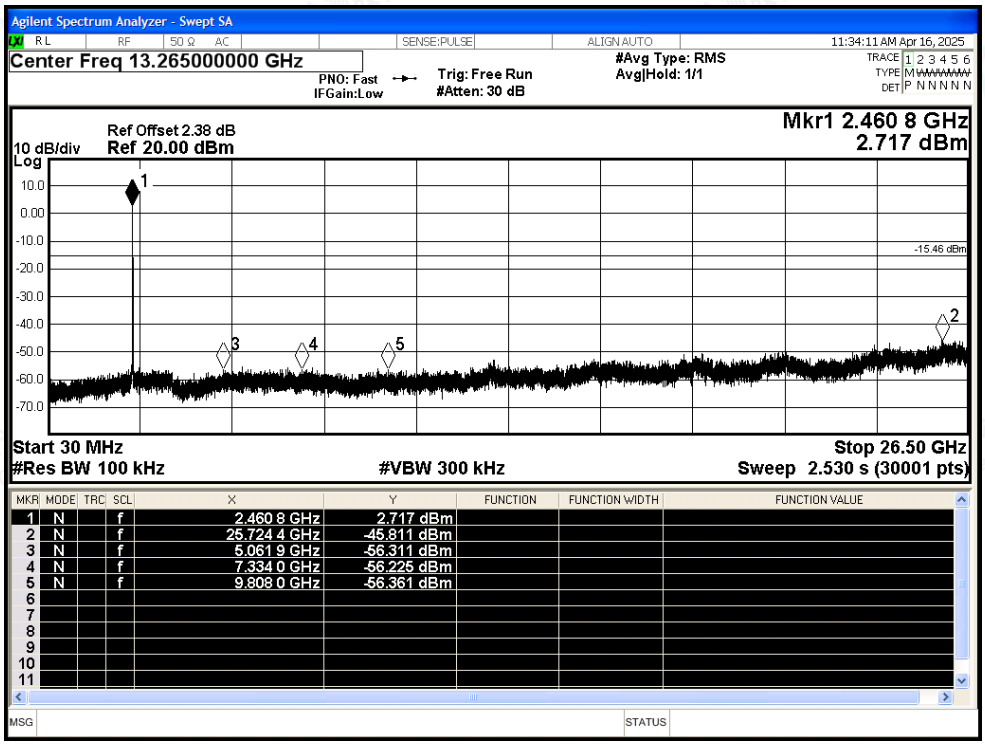
Tx. Spurious NVNT b 2437MHz Ant2 Emission



Tx. Spurious NVNT b 2462MHz Ant2 Ref



Tx. Spurious NVNT b 2462MHz Ant2 Emission



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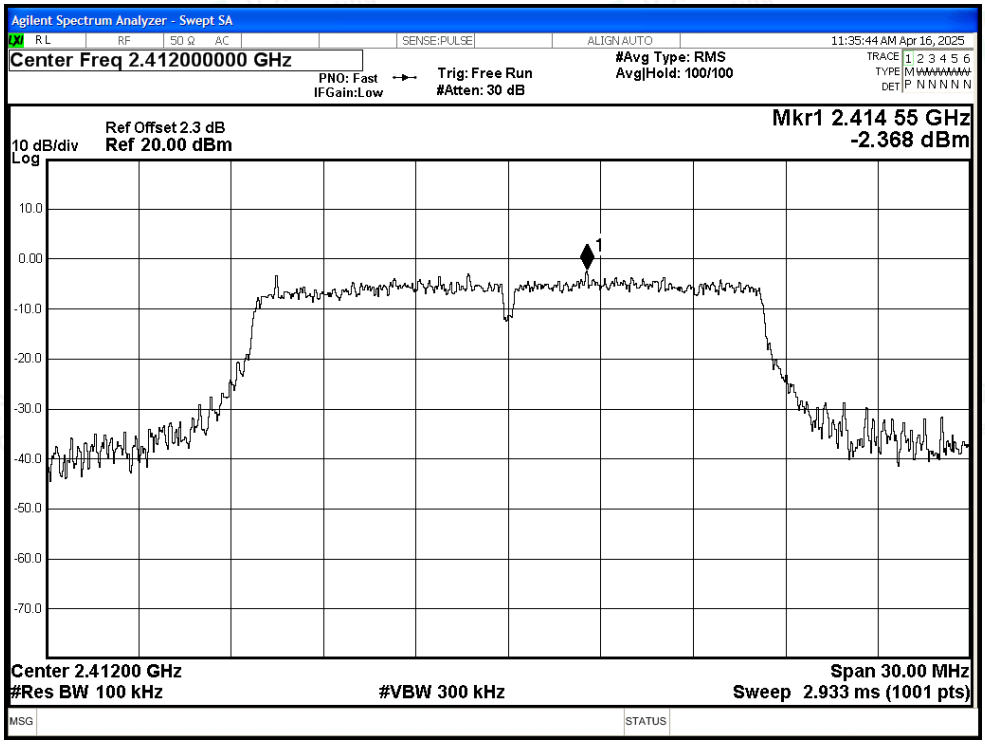
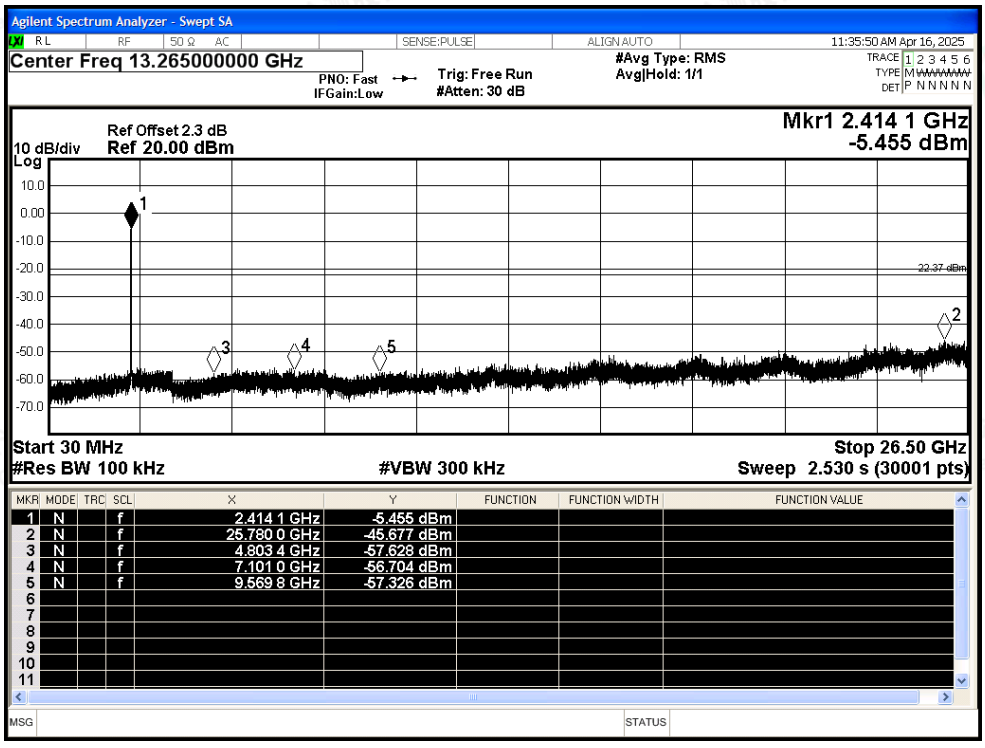
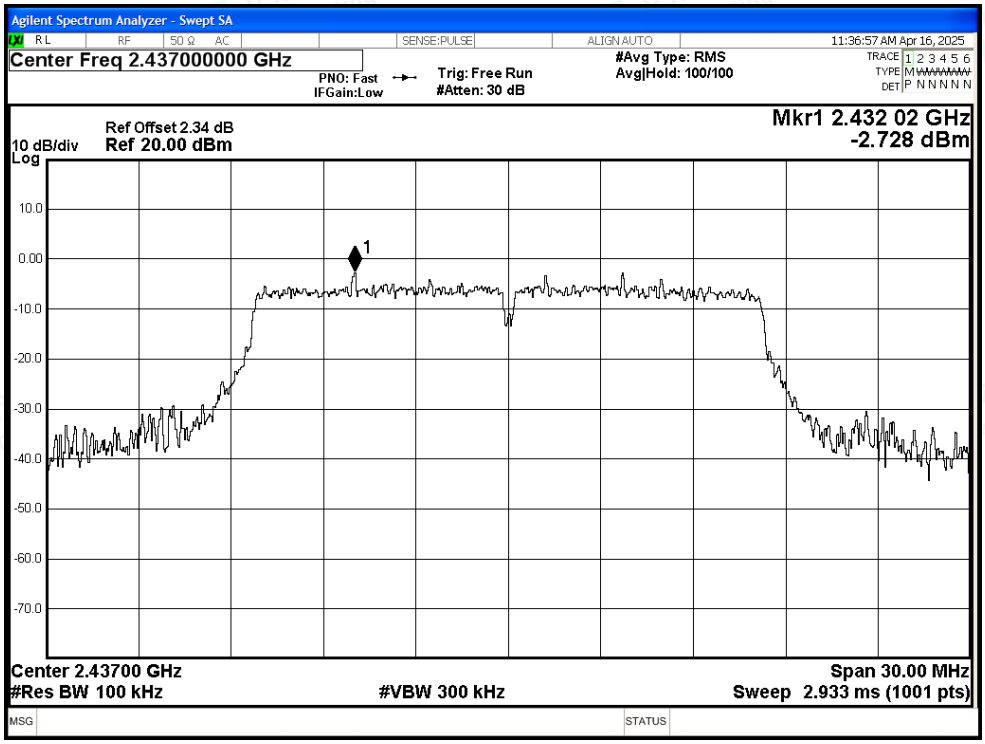


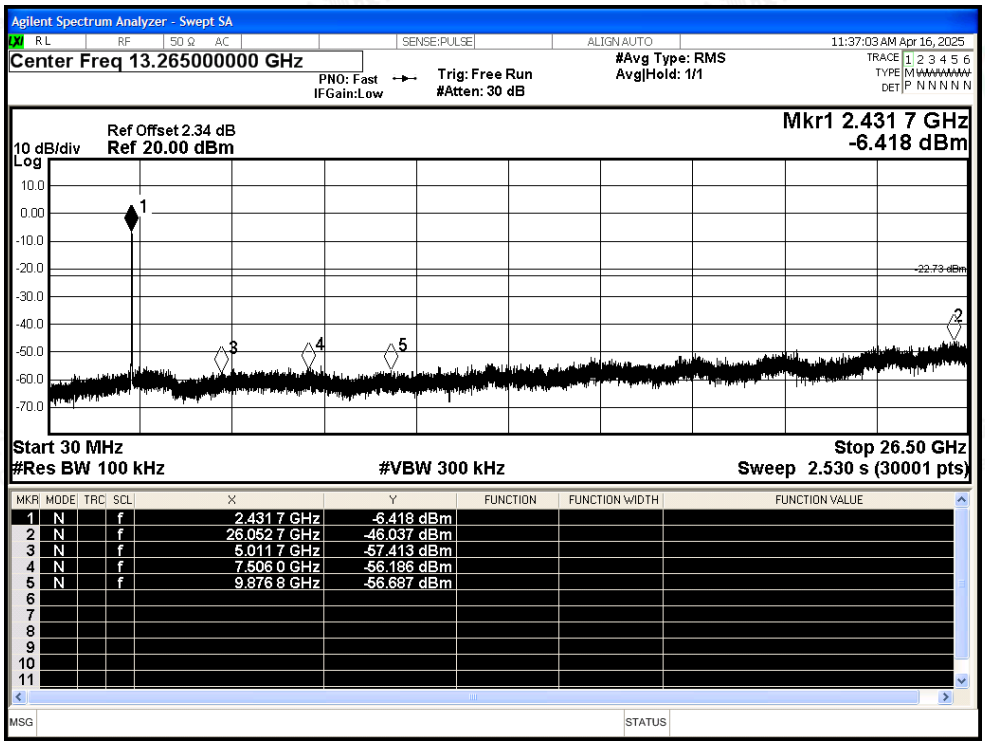
Tx. Spurious NVNT g 2412MHz Ant2 Emission



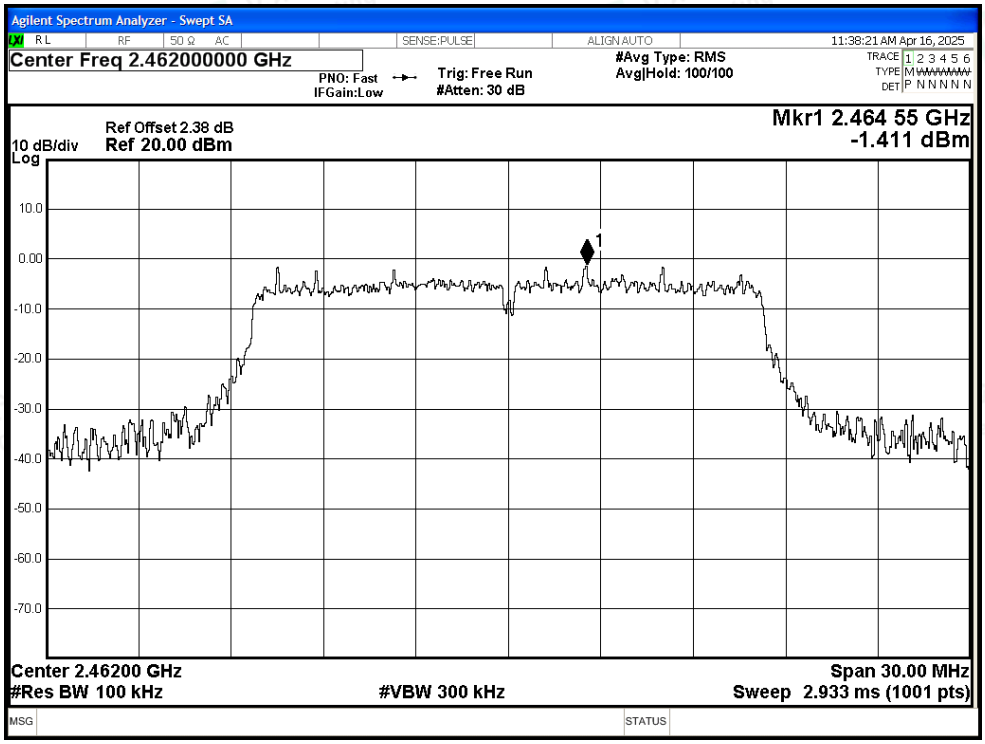
Tx. Spurious NVNT g 2437MHz Ant2 Ref



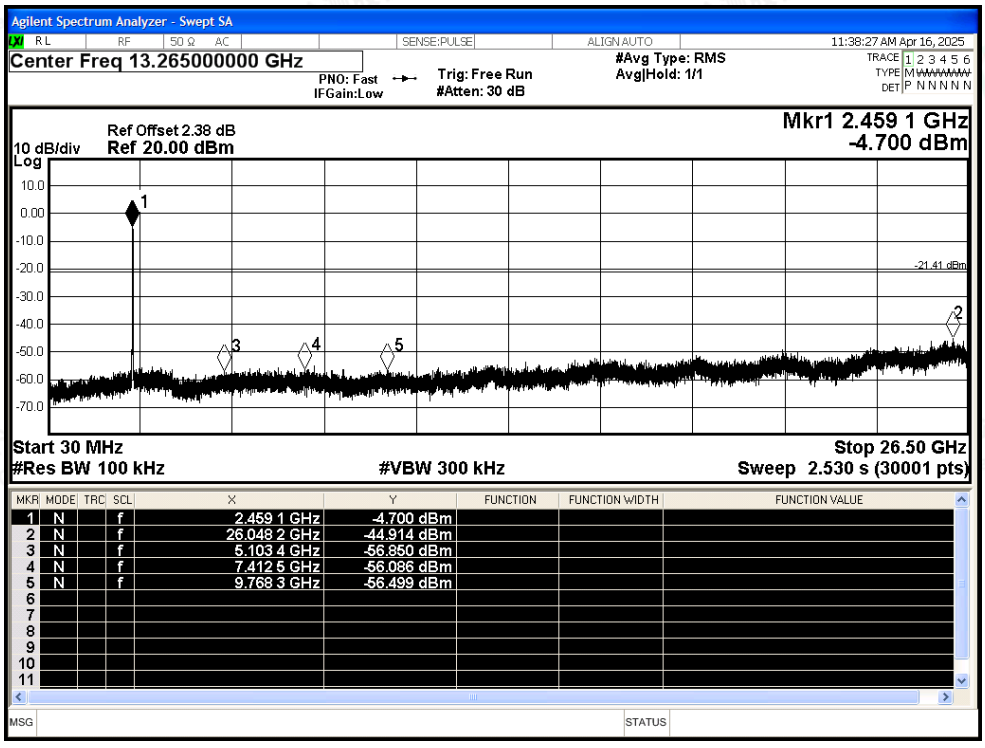
Tx. Spurious NVNT g 2437MHz Ant2 Emission



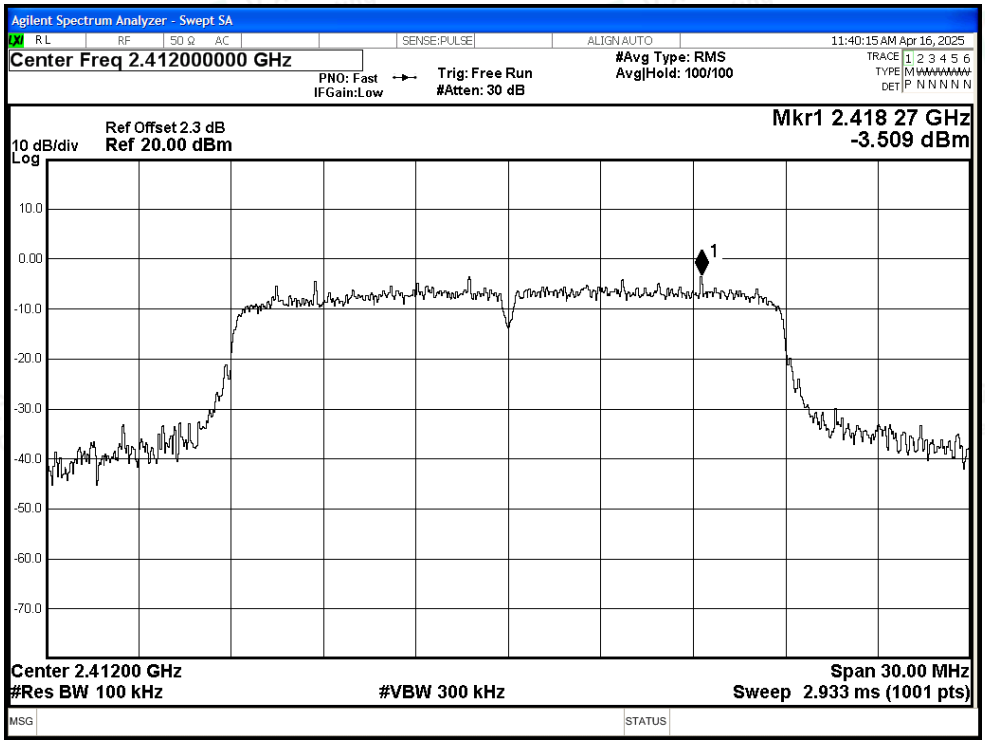
Tx. Spurious NVNT g 2462MHz Ant2 Ref



Tx. Spurious NVNT g 2462MHz Ant2 Emission



Tx. Spurious NVNT n20 2412MHz Ant2 Ref



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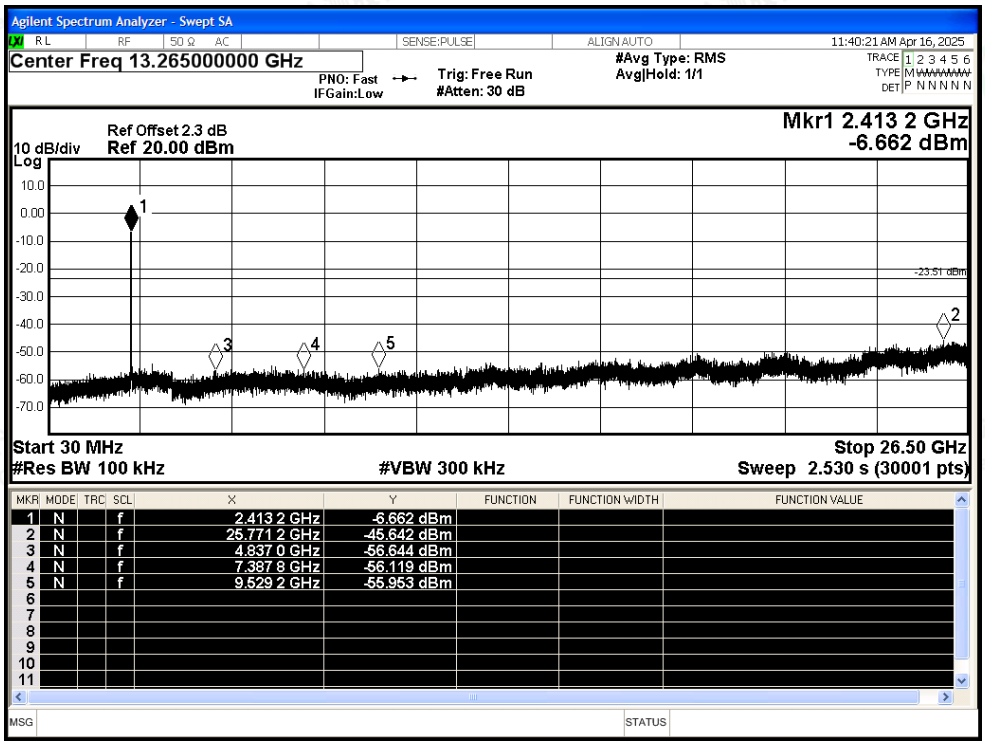

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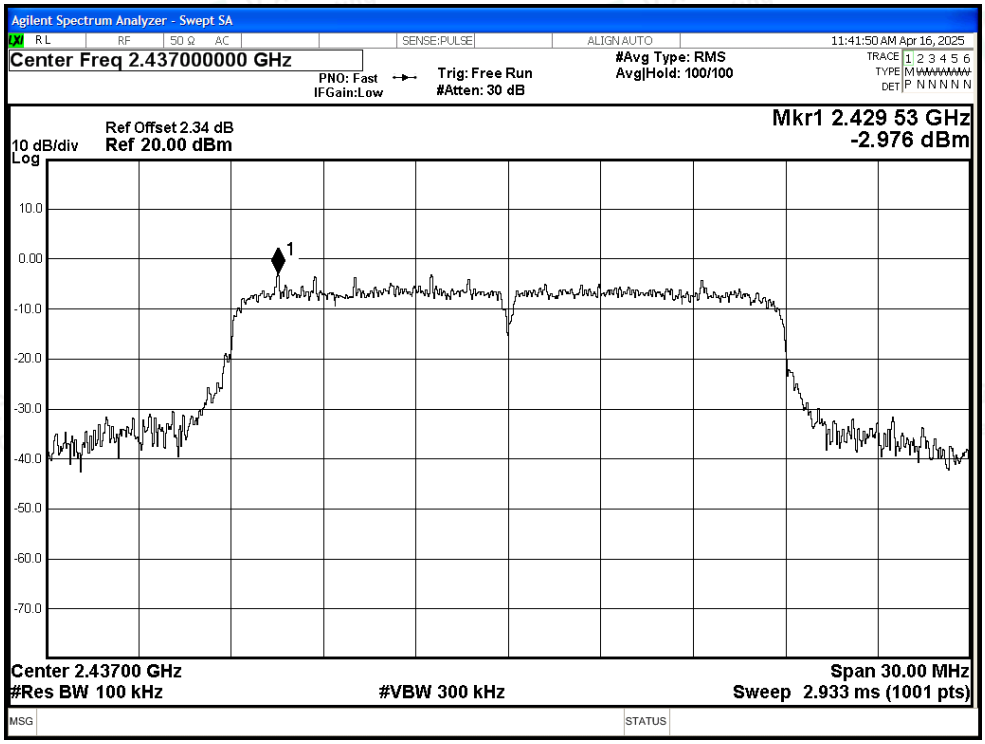

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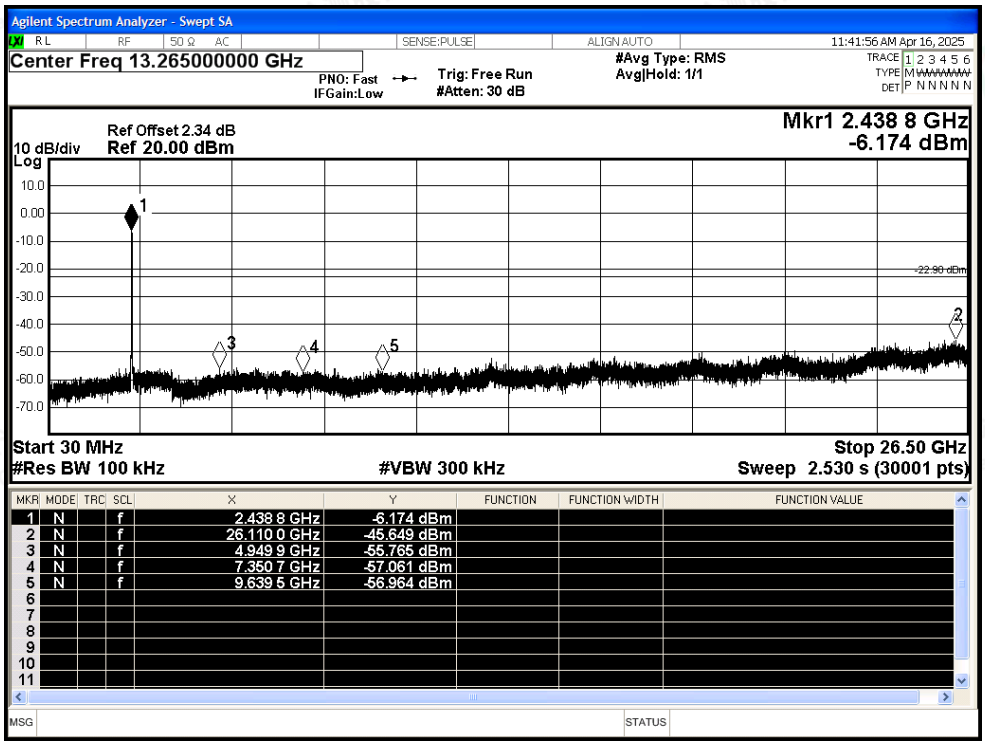
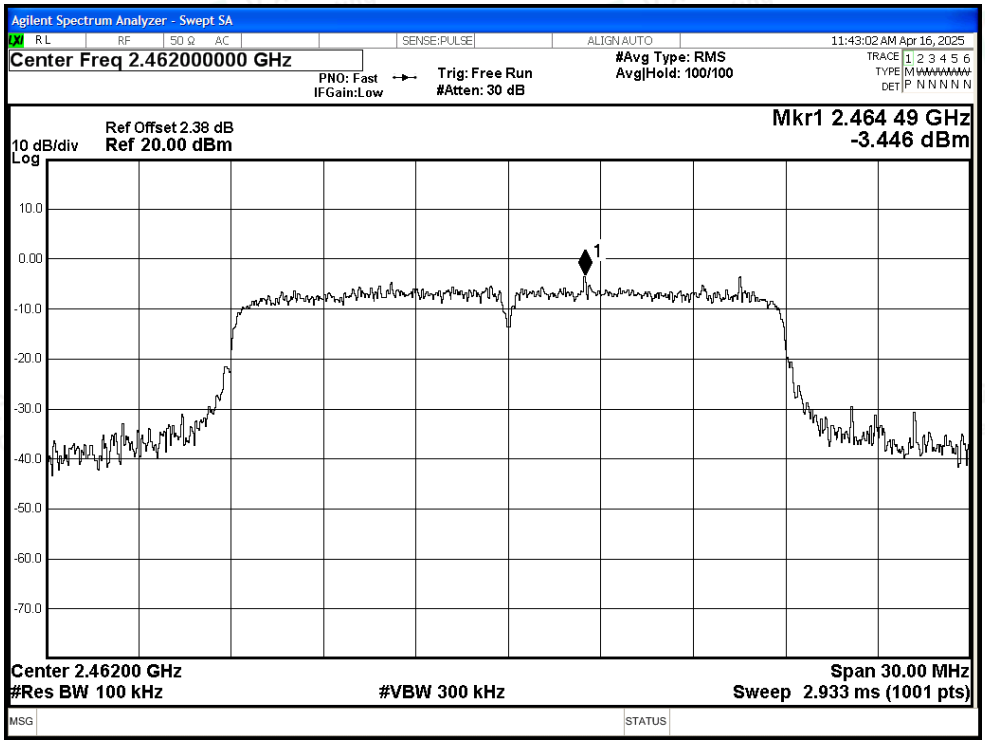
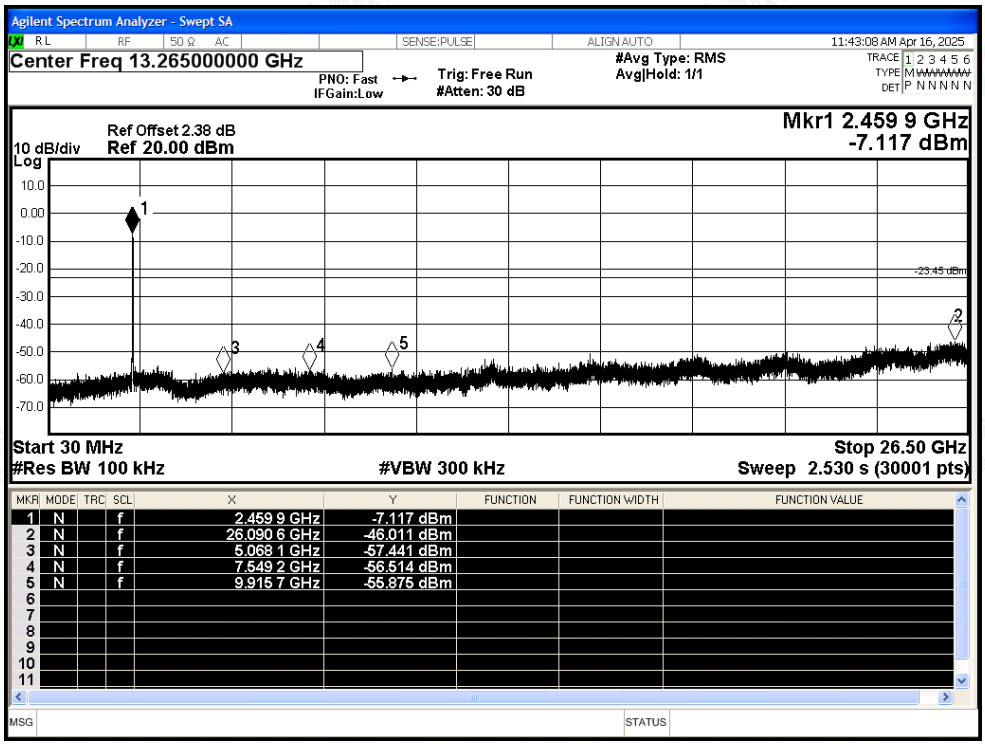


Tx. Spurious NVNT n20 2462MHz Ant2 Ref



Tx. Spurious NVNT n20 2462MHz Ant2 Emission



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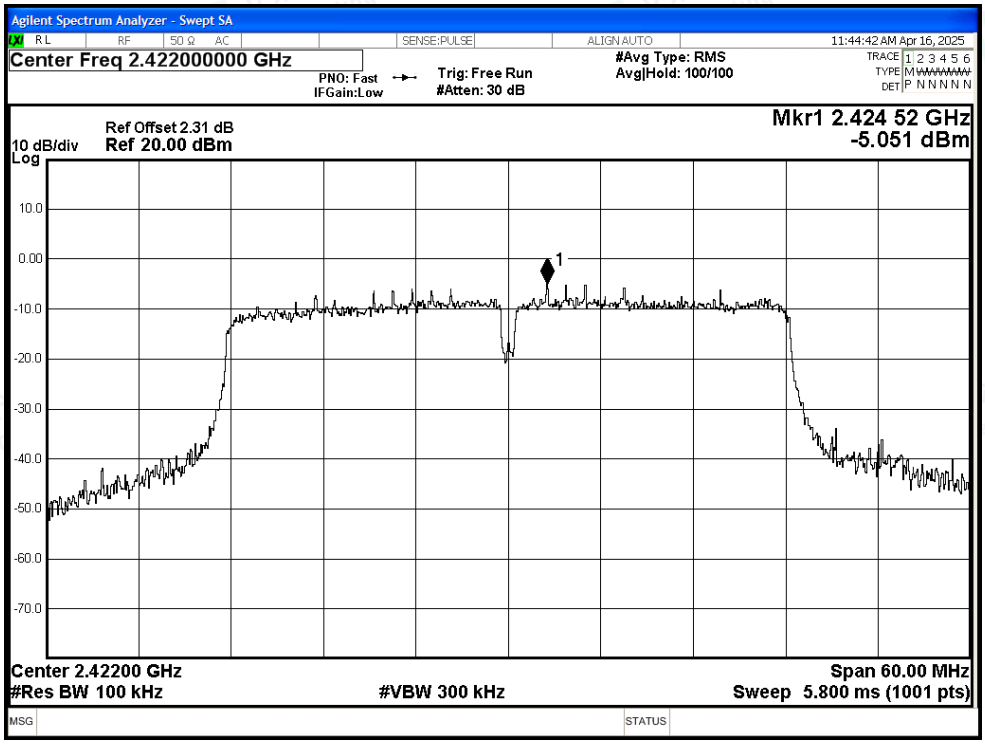
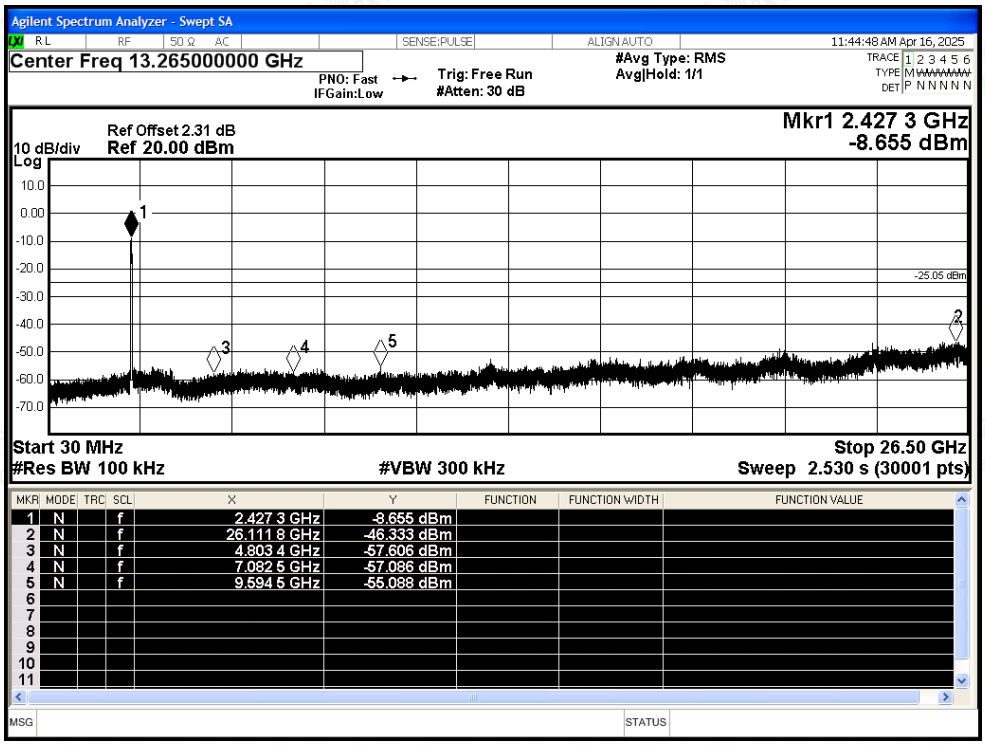


Tx. Spurious NVNT n40 2422MHz Ant2 Emission



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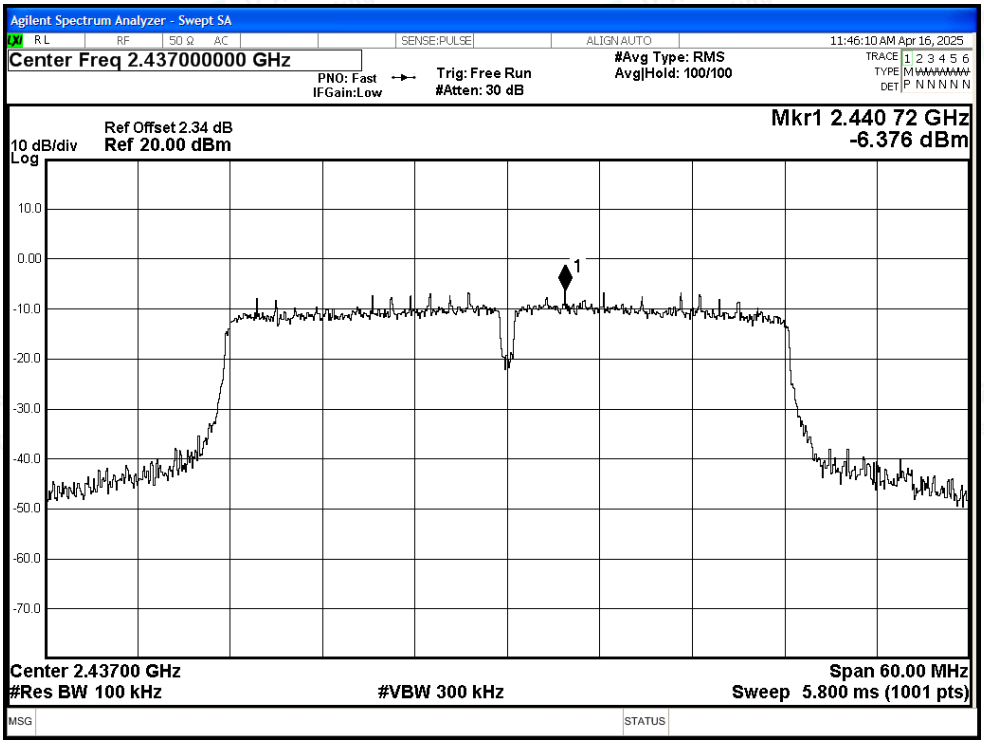
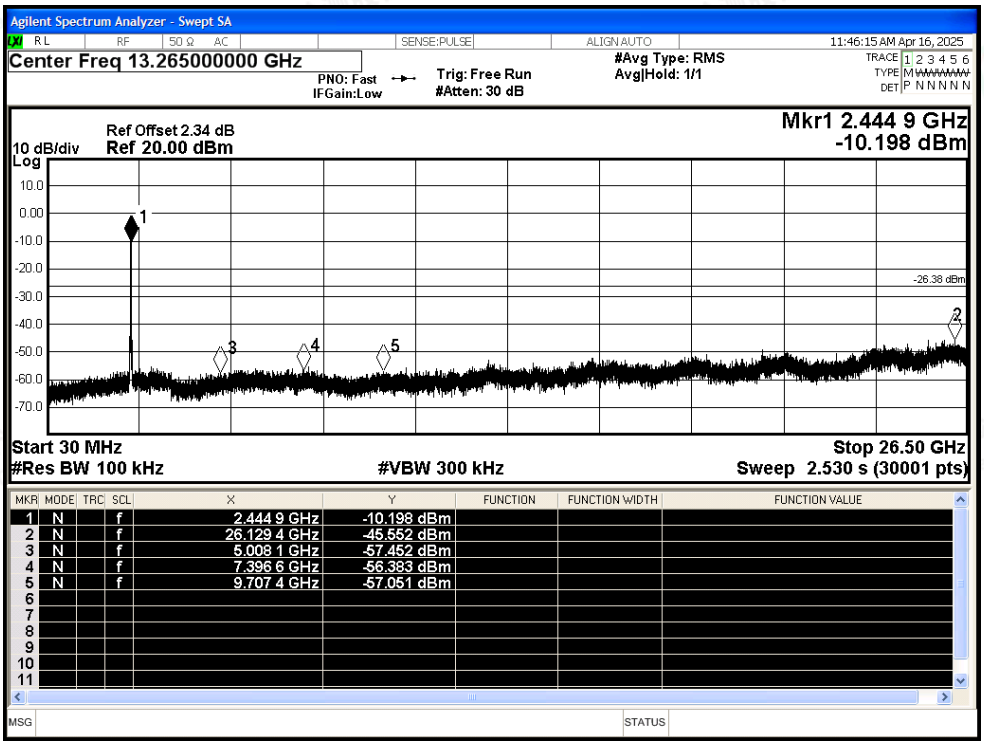


Tx. Spurious NVNT n40 2437MHz Ant2 Emission



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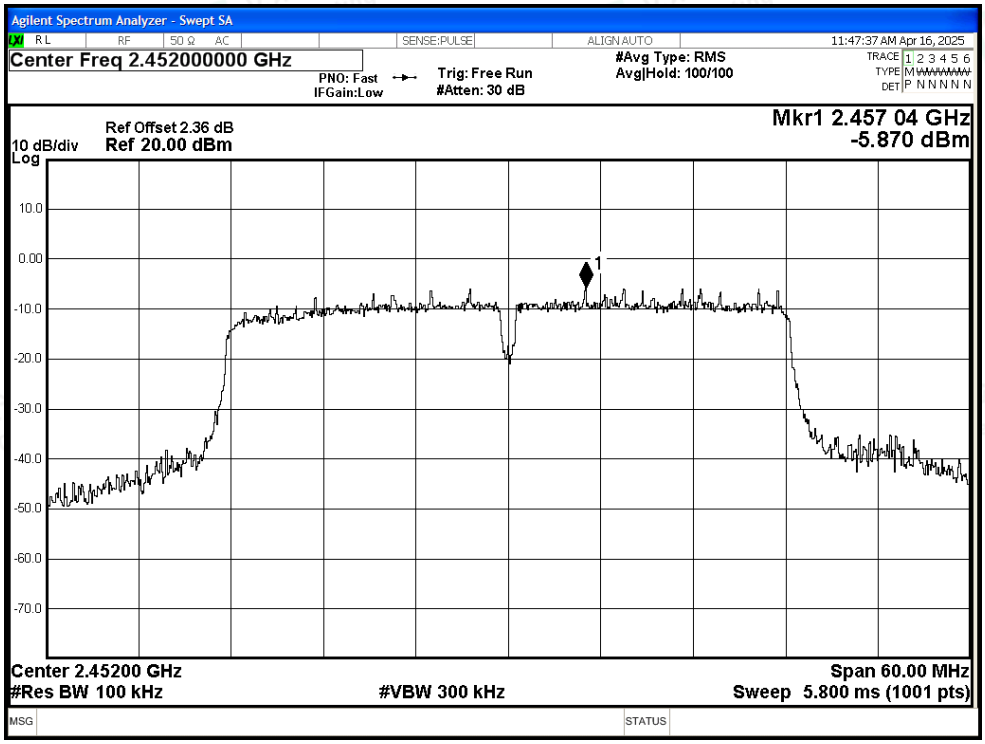

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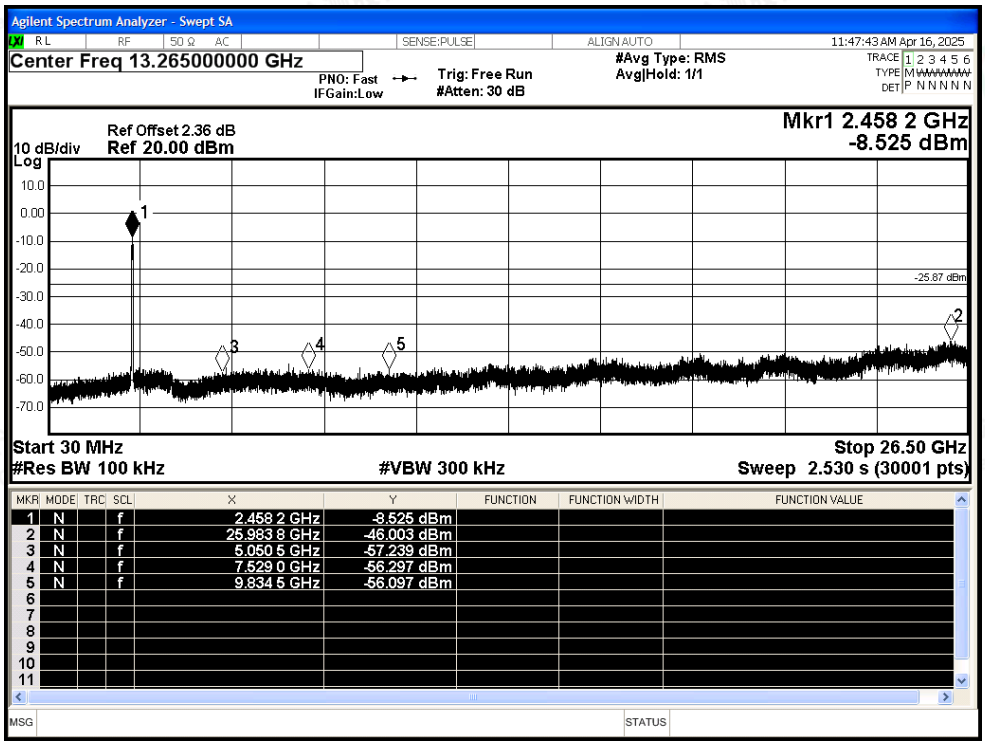
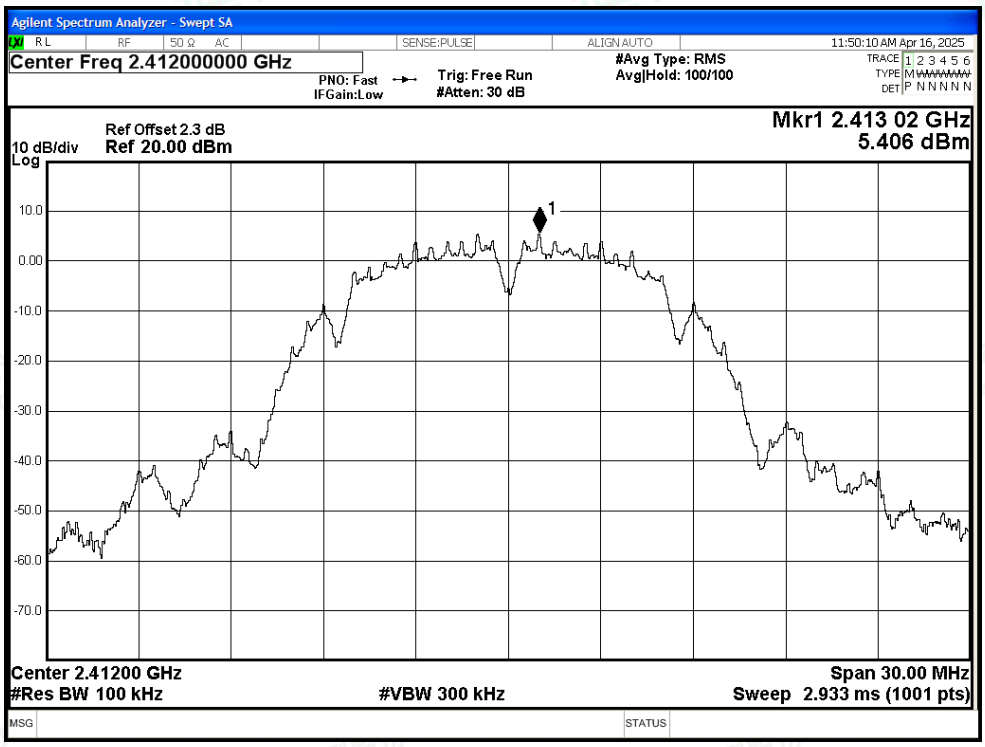


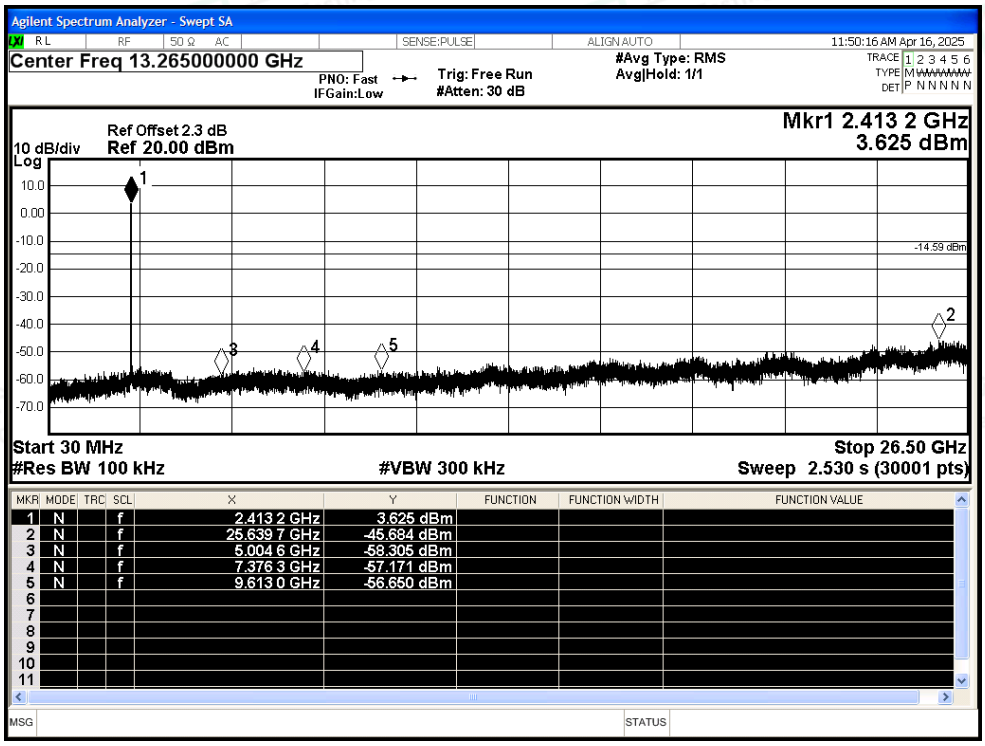
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant3	-51.09	-20	Pass
NVNT	b	2437	Ant3	-50.93	-20	Pass
NVNT	b	2462	Ant3	-50.53	-20	Pass
NVNT	g	2412	Ant3	-45.46	-20	Pass
NVNT	g	2437	Ant3	-44.06	-20	Pass
NVNT	g	2462	Ant3	-43.68	-20	Pass
NVNT	n20	2412	Ant3	-43.43	-20	Pass
NVNT	n20	2437	Ant3	-42.79	-20	Pass
NVNT	n20	2462	Ant3	-42.83	-20	Pass
NVNT	n40	2422	Ant3	-39.38	-20	Pass
NVNT	n40	2437	Ant3	-39.1	-20	Pass
NVNT	n40	2452	Ant3	-40.64	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant3 Ref



Tx. Spurious NVNT b 2412MHz Ant3 Emission



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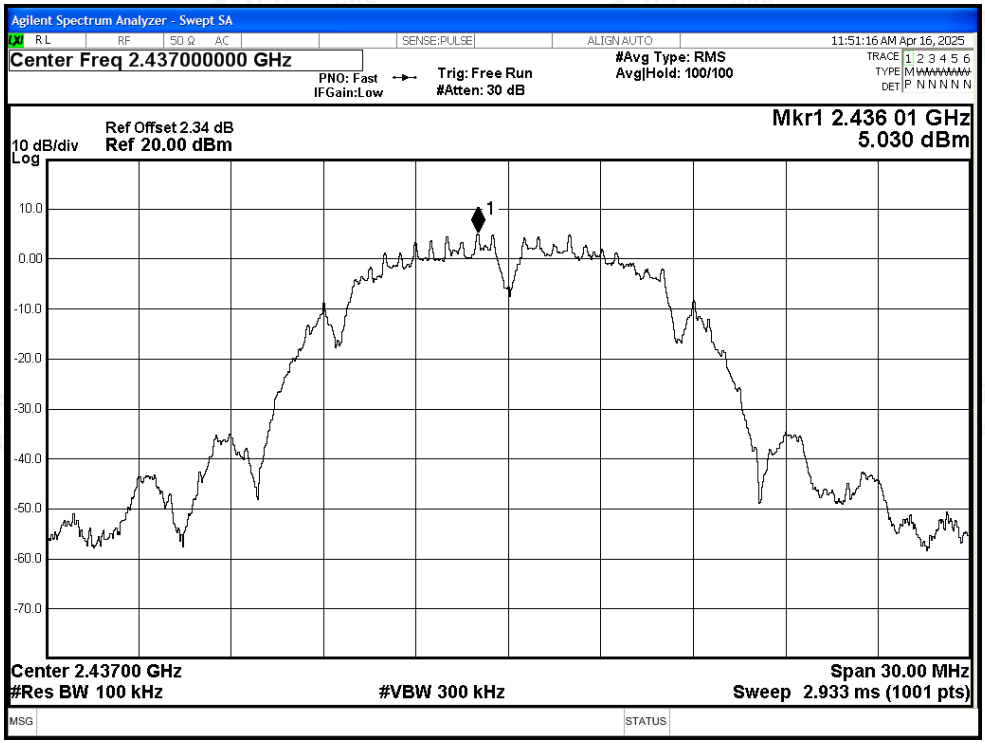

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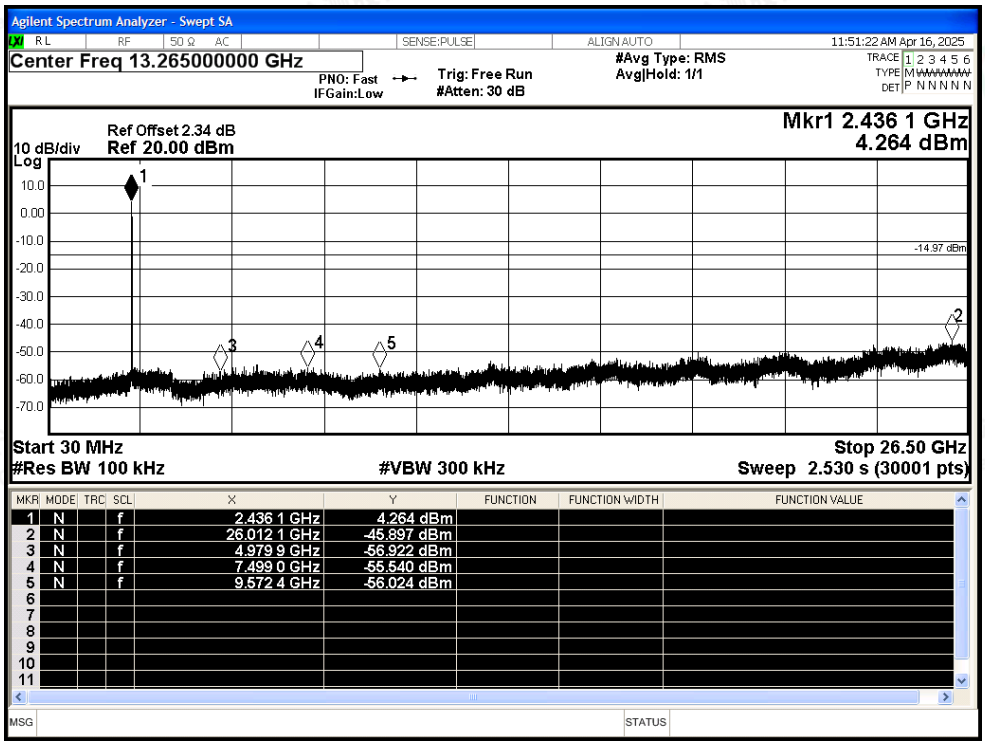
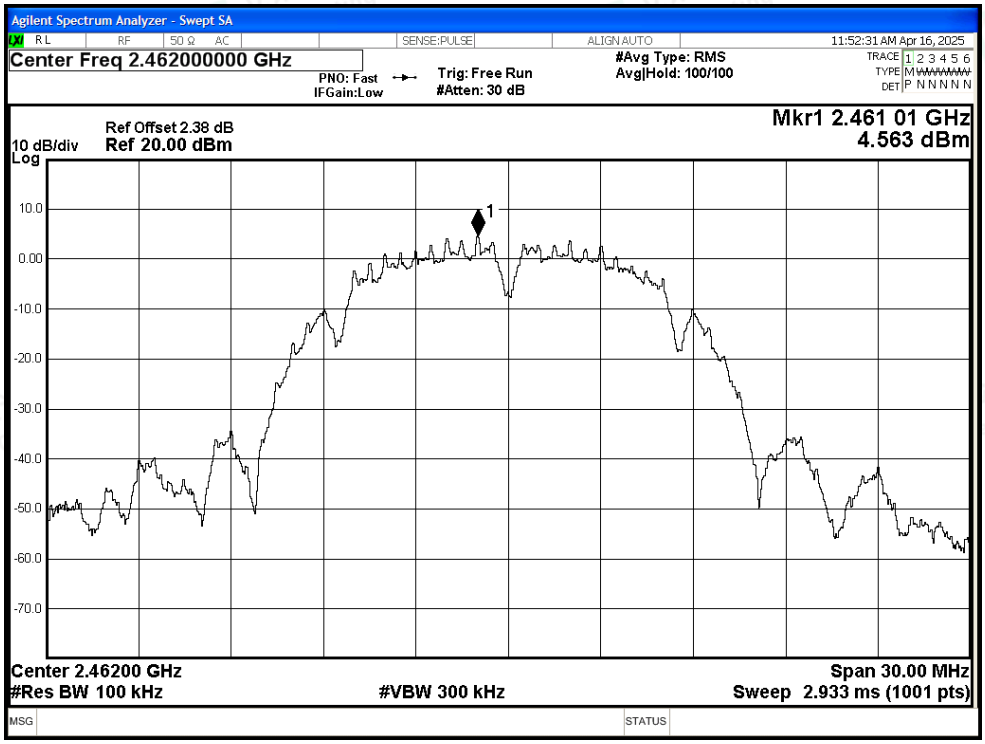
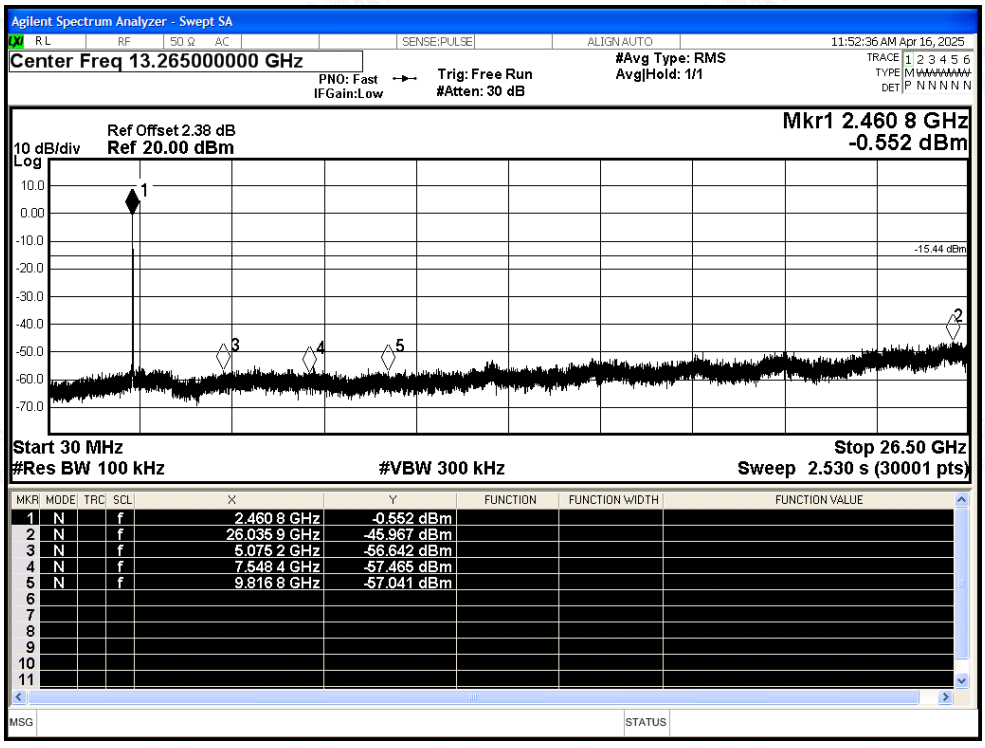


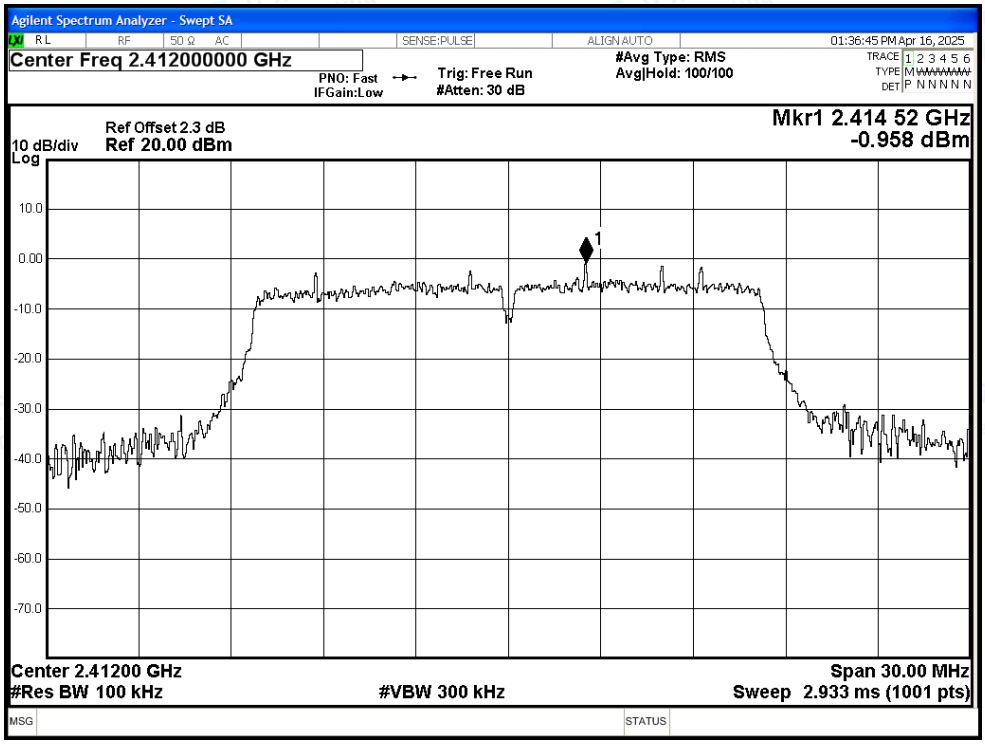
Tx. Spurious NVNT b 2462MHz Ant3 Ref



Tx. Spurious NVNT b 2462MHz Ant3 Emission



Tx. Spurious NVNT g 2412MHz Ant3 Ref



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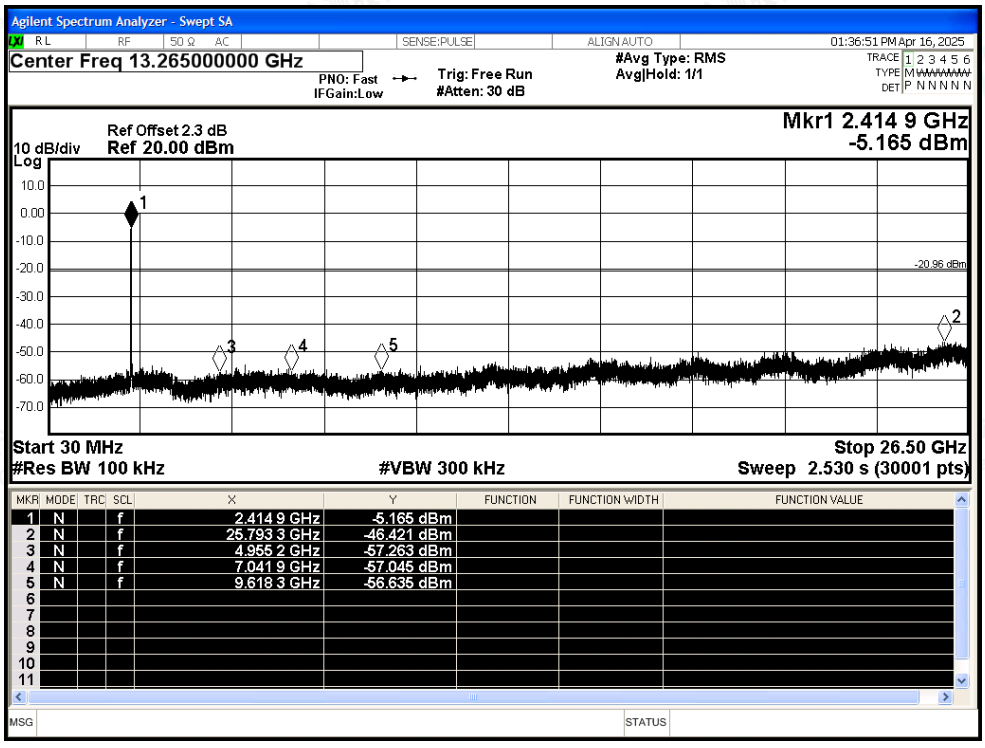
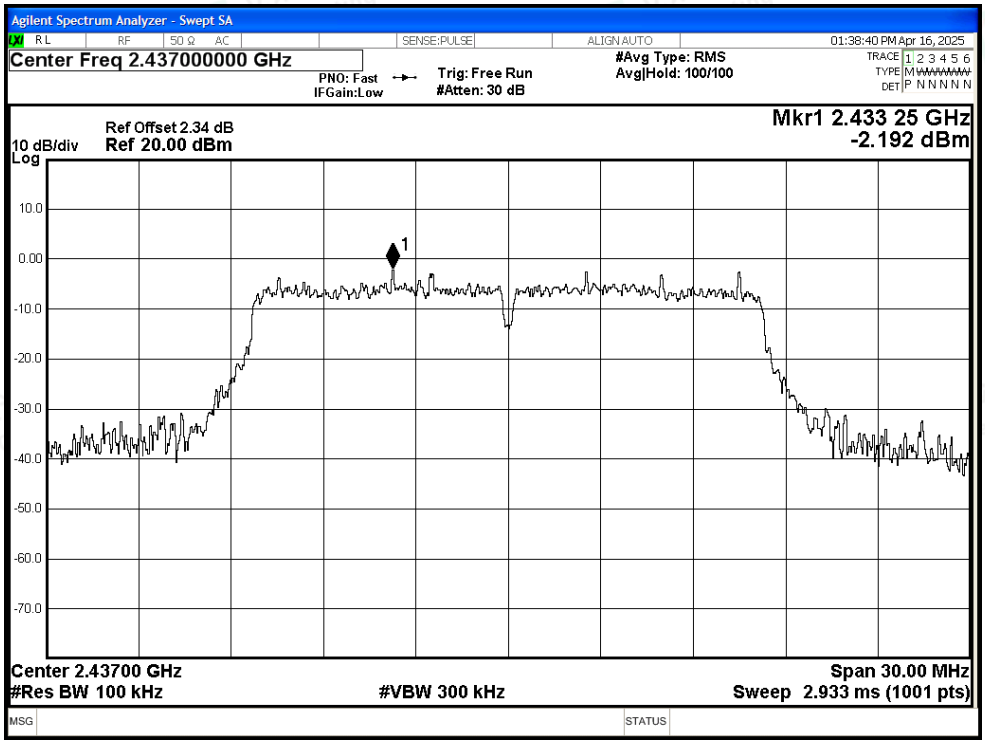


Tx. Spurious NVNT g 2437MHz Ant3 Ref



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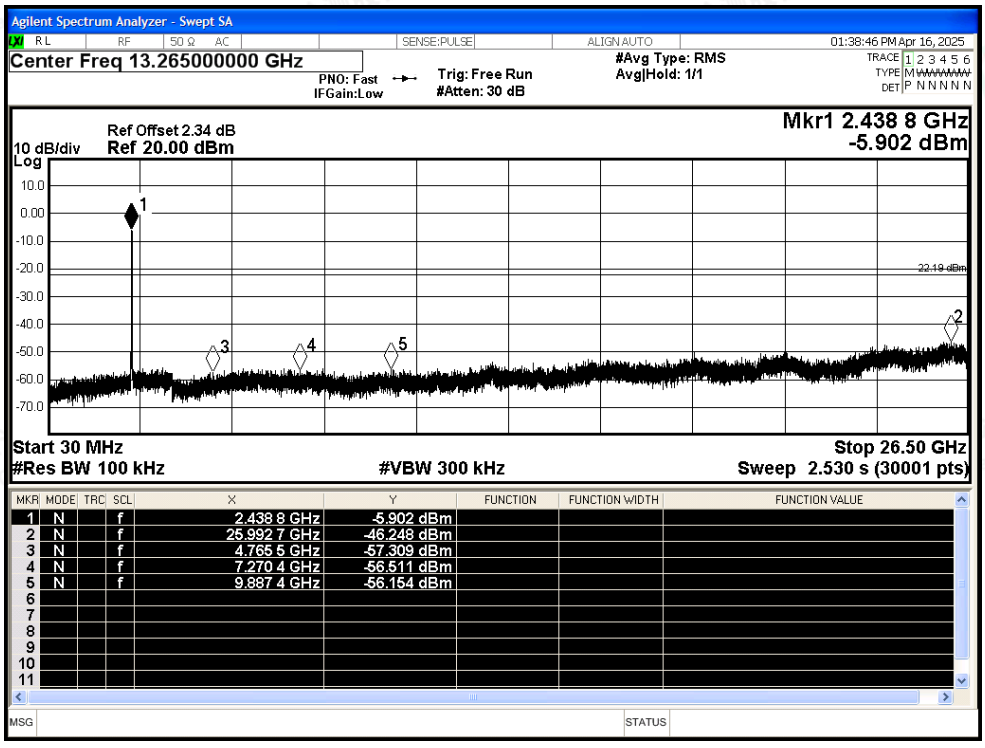

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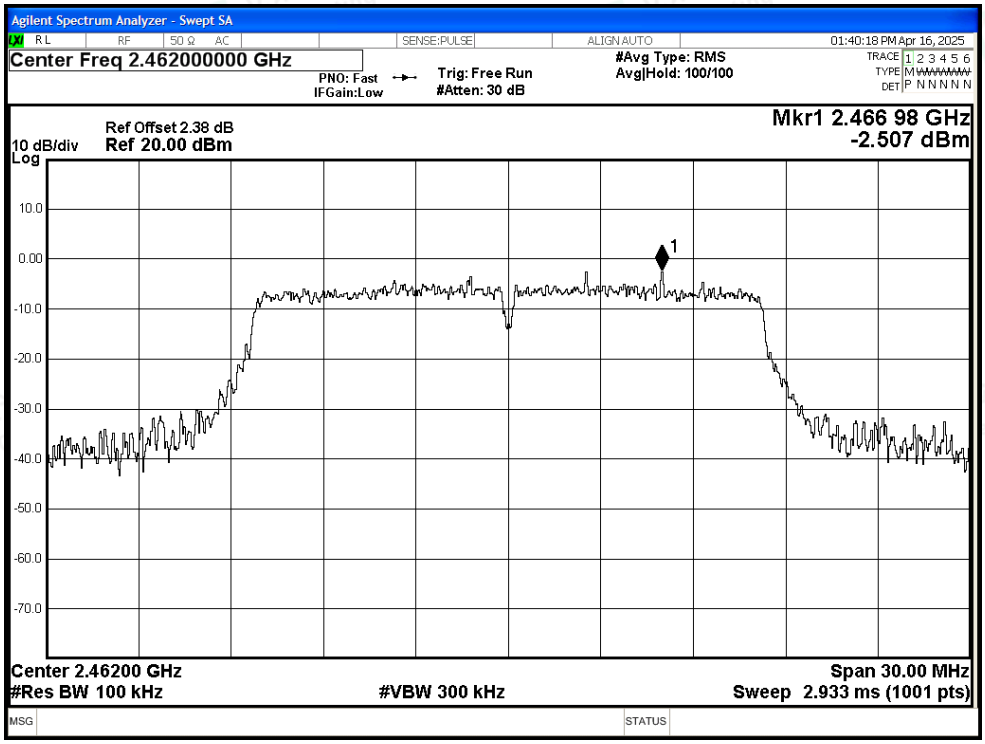
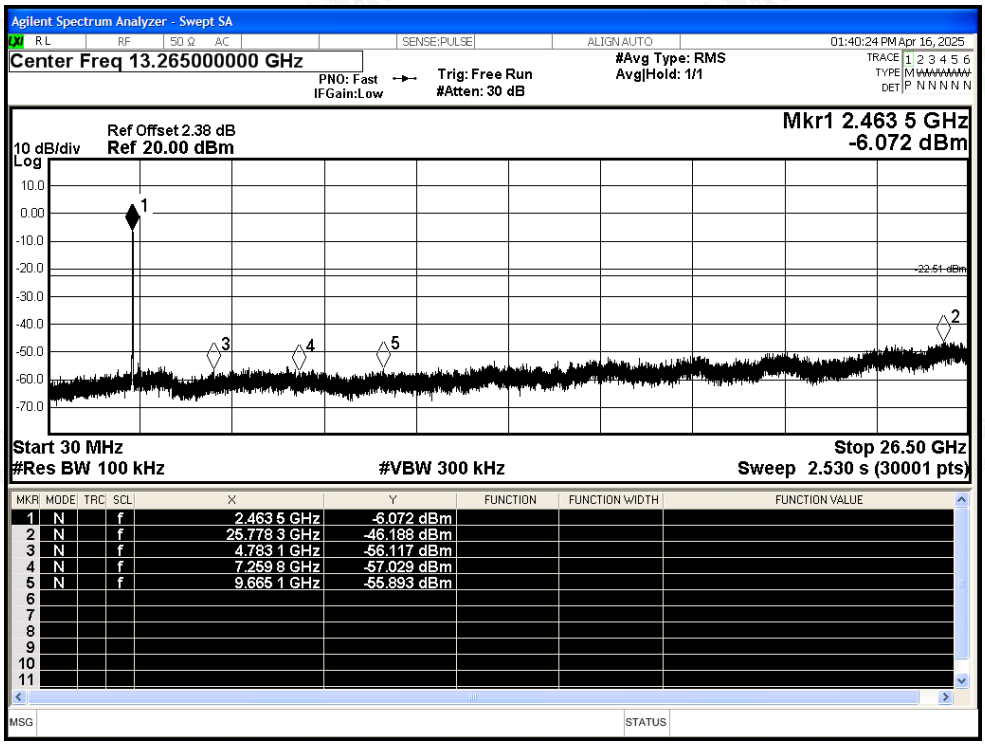
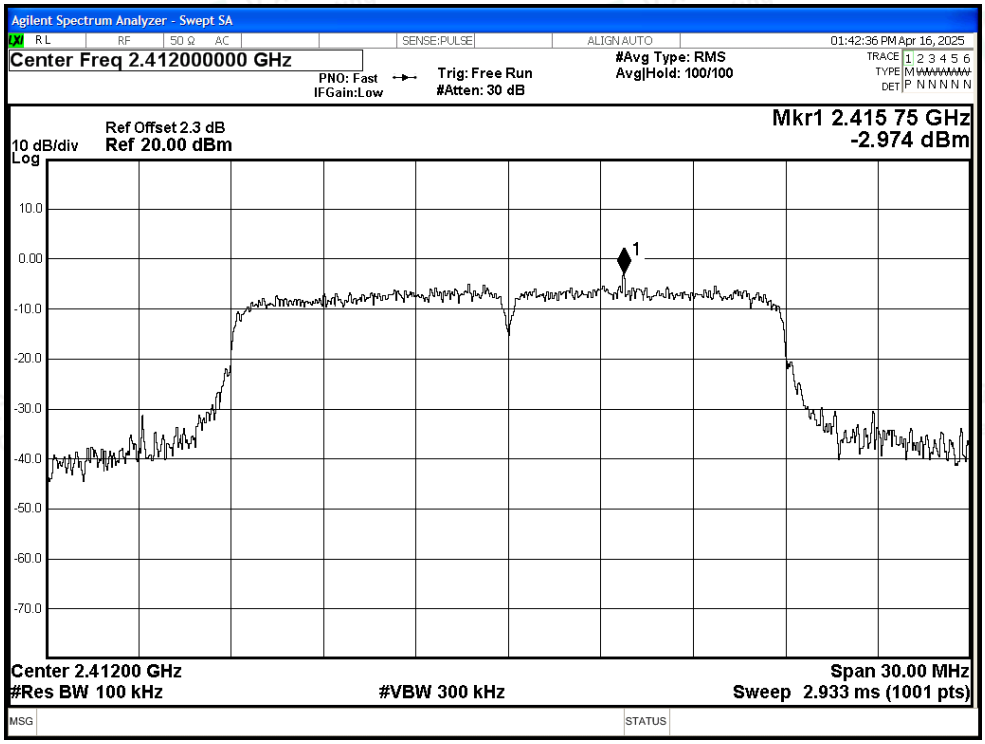


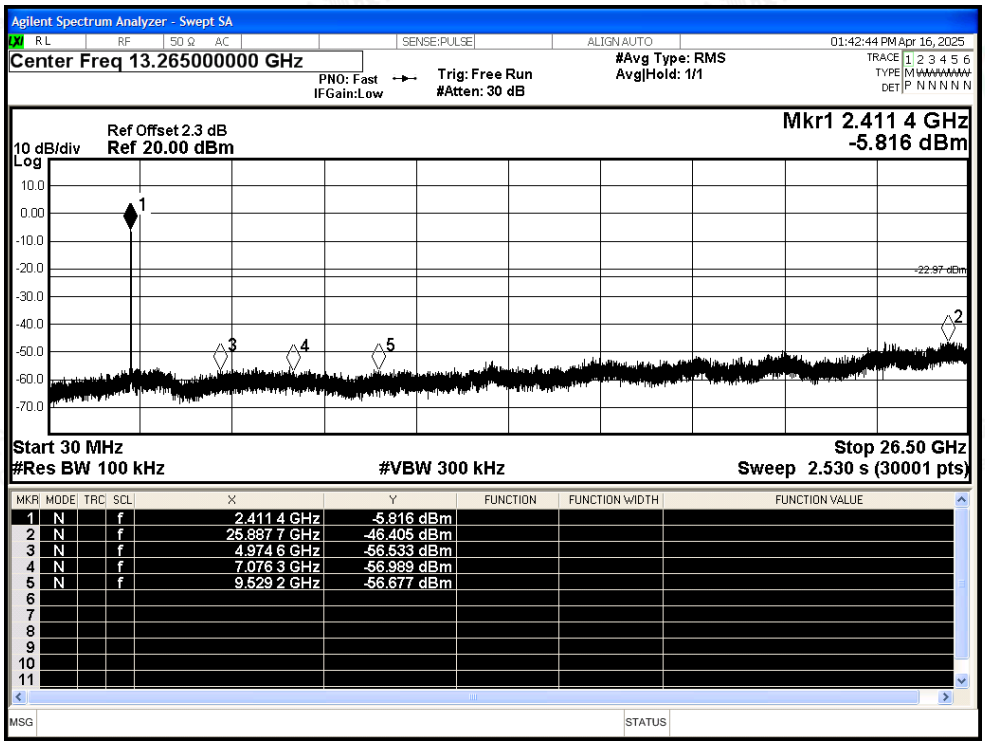
Tx. Spurious NVNT g 2462MHz Ant3 Emission



Tx. Spurious NVNT n20 2412MHz Ant3 Ref



Tx. Spurious NVNT n20 2412MHz Ant3 Emission



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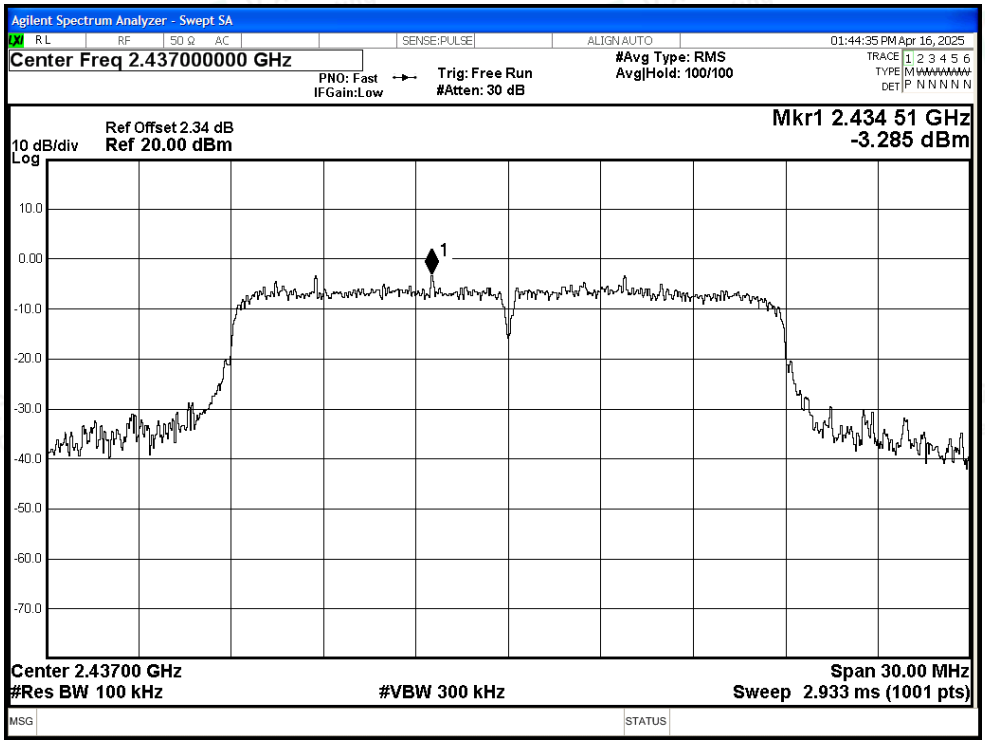

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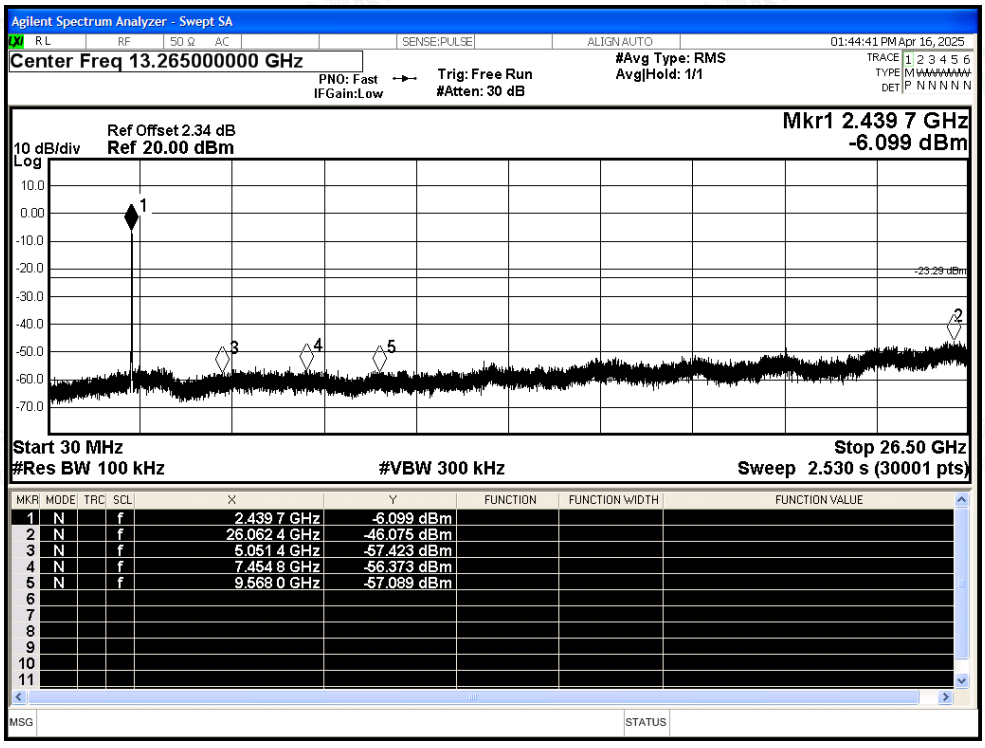
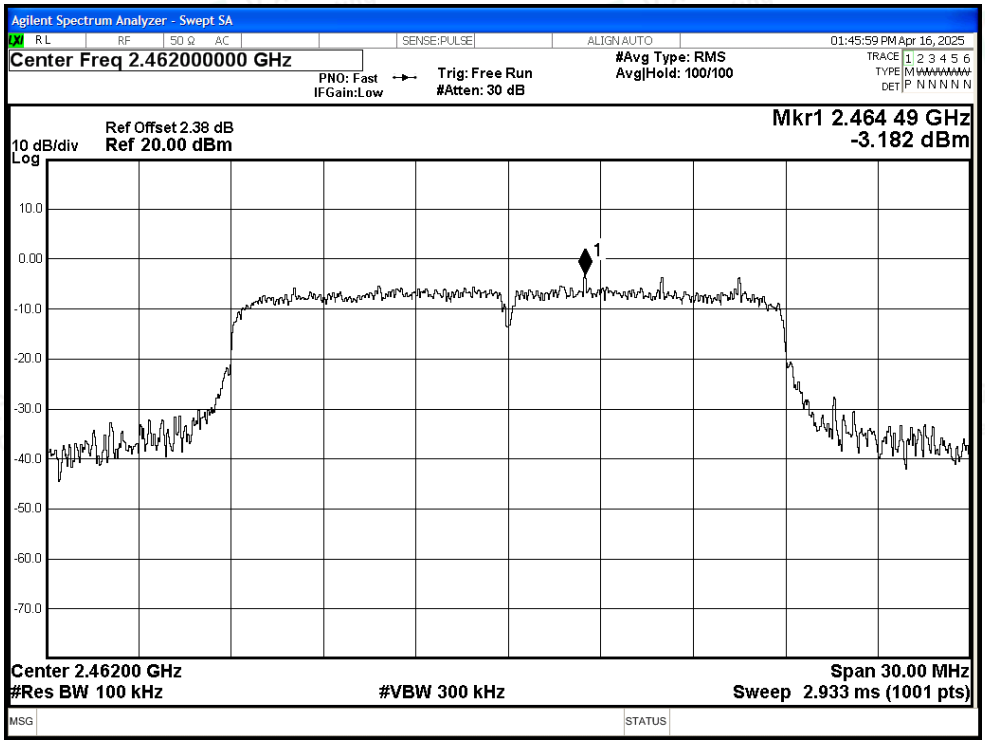


Tx. Spurious NVNT n20 2462MHz Ant3 Ref



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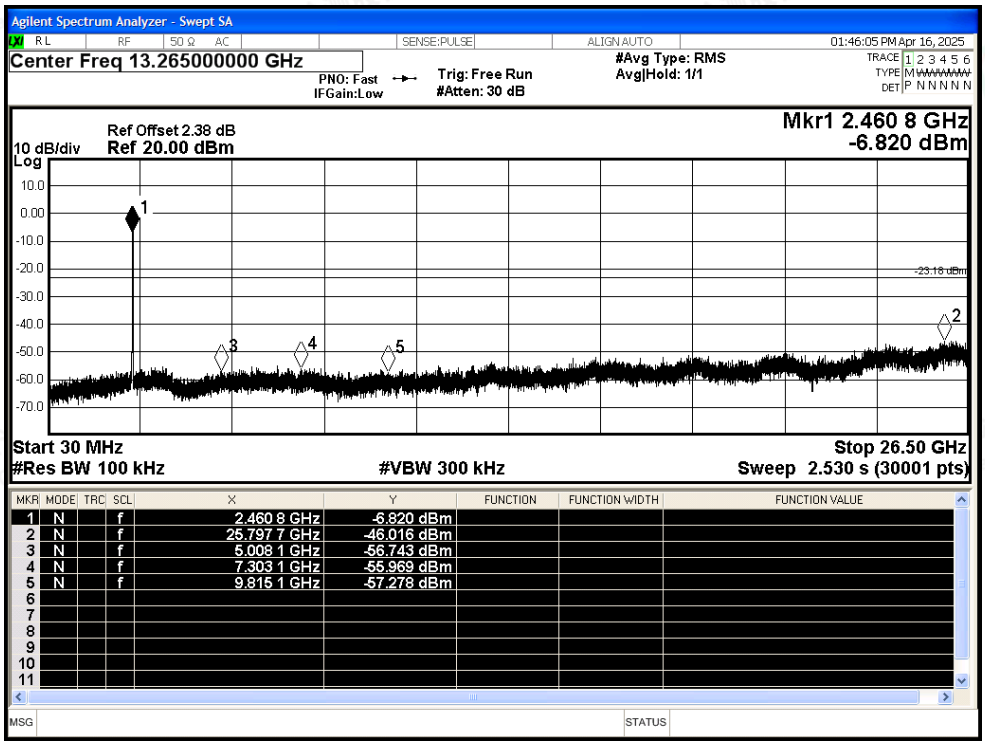
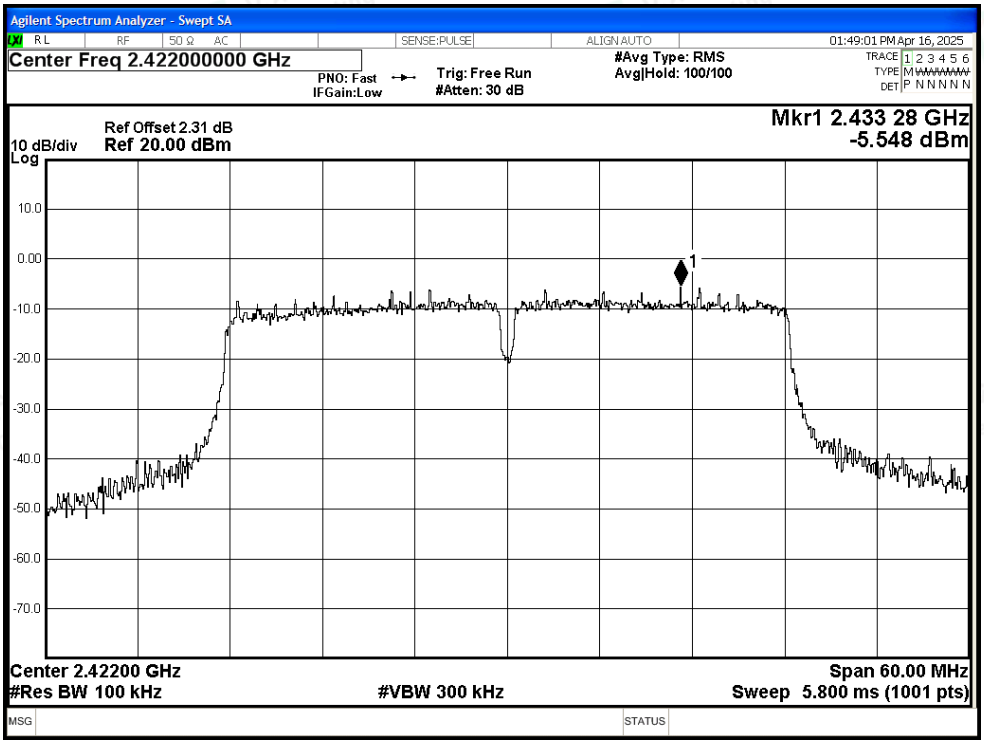


Tx. Spurious NVNT n40 2422MHz Ant3 Ref



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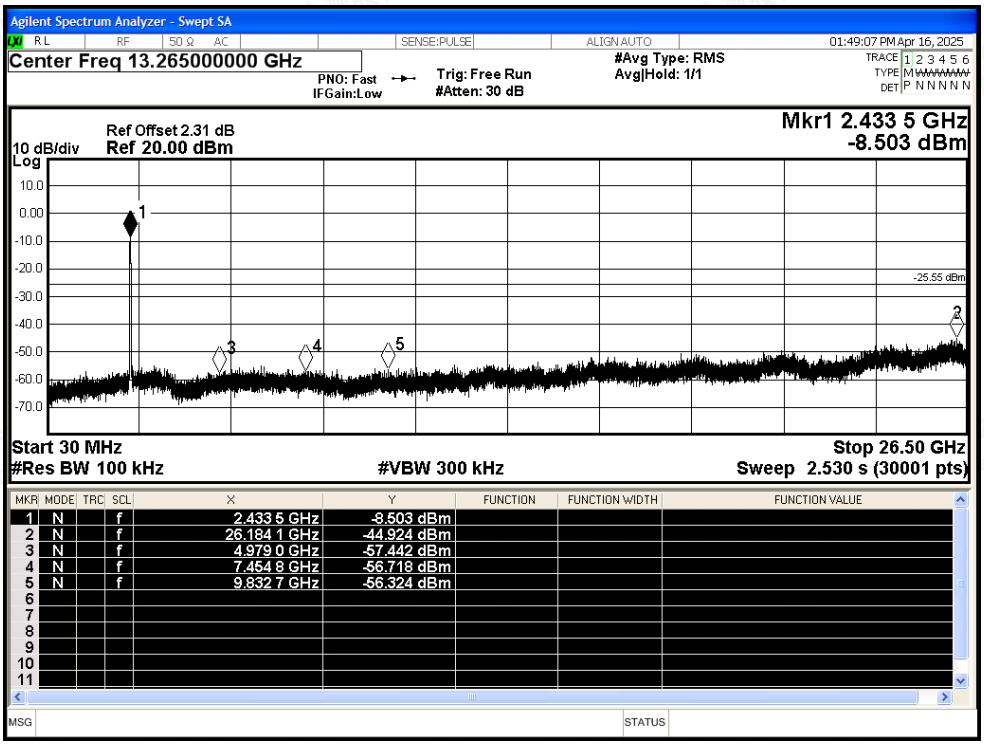

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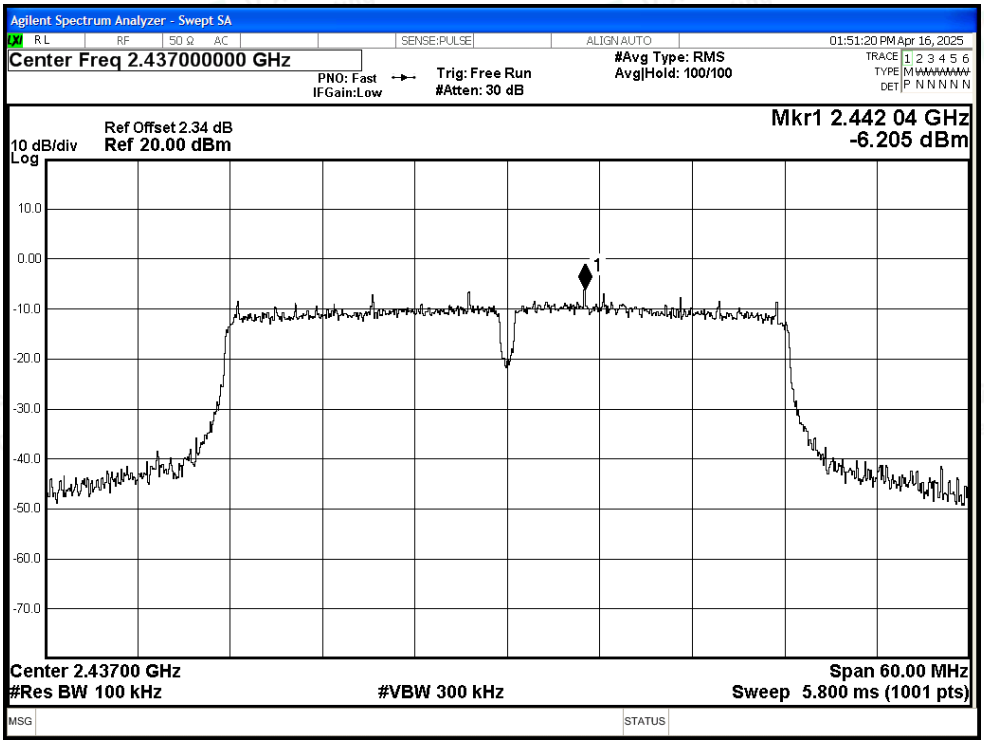
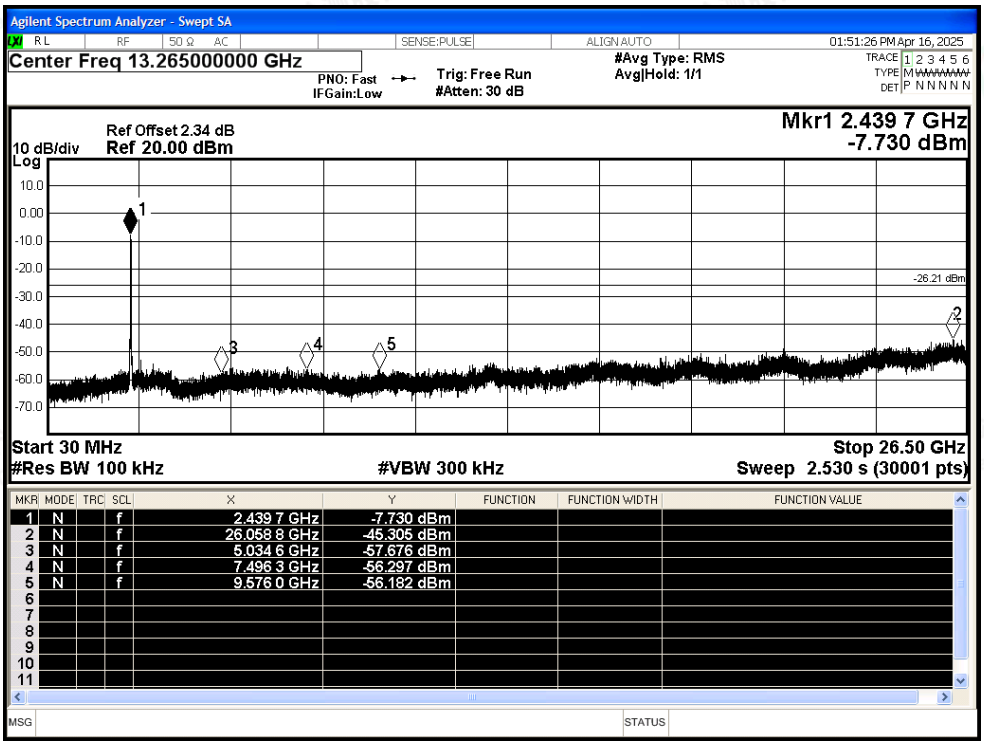
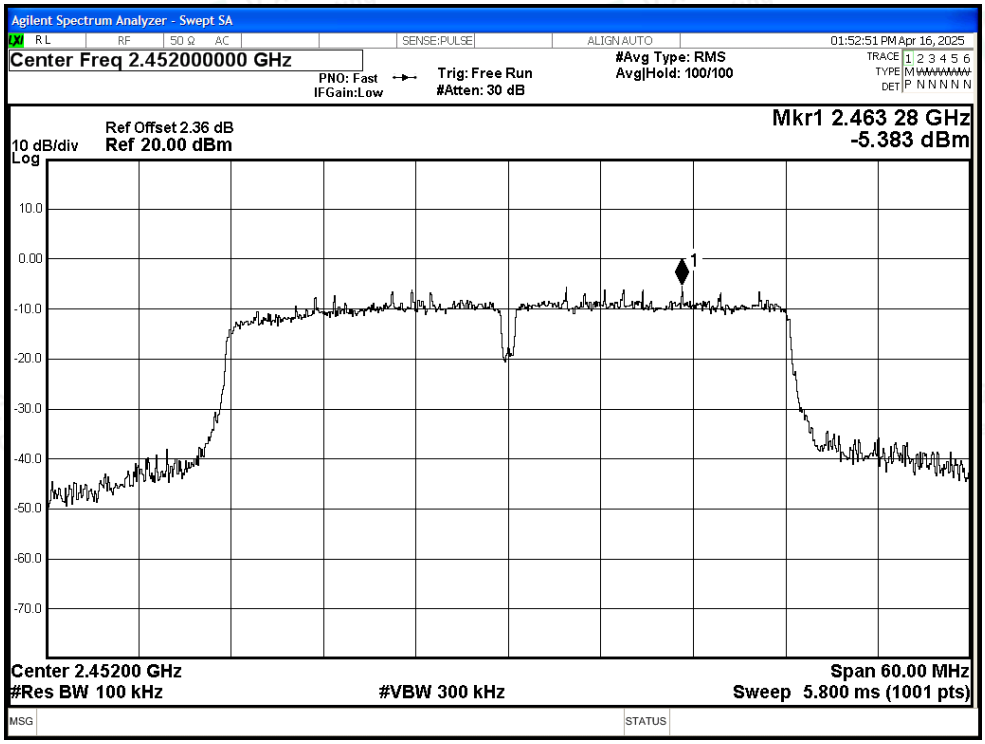


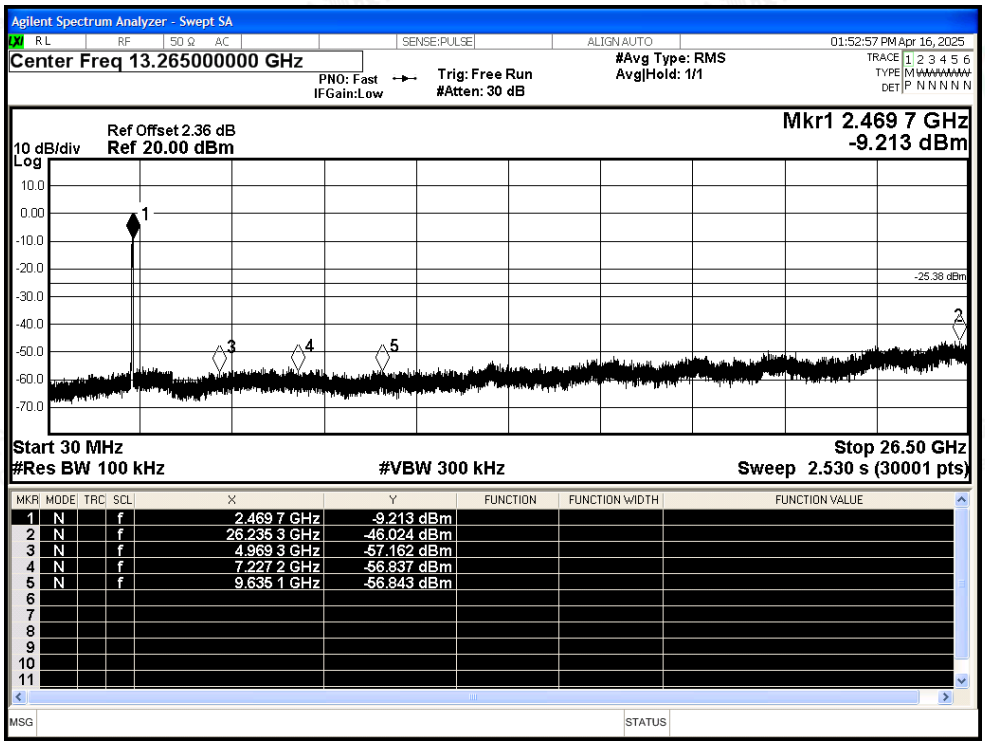
Tx. Spurious NVNT n40 2437MHz Ant3 Emission



Tx. Spurious NVNT n40 2452MHz Ant3 Ref



Tx. Spurious NVNT n40 2452MHz Ant3 Emission

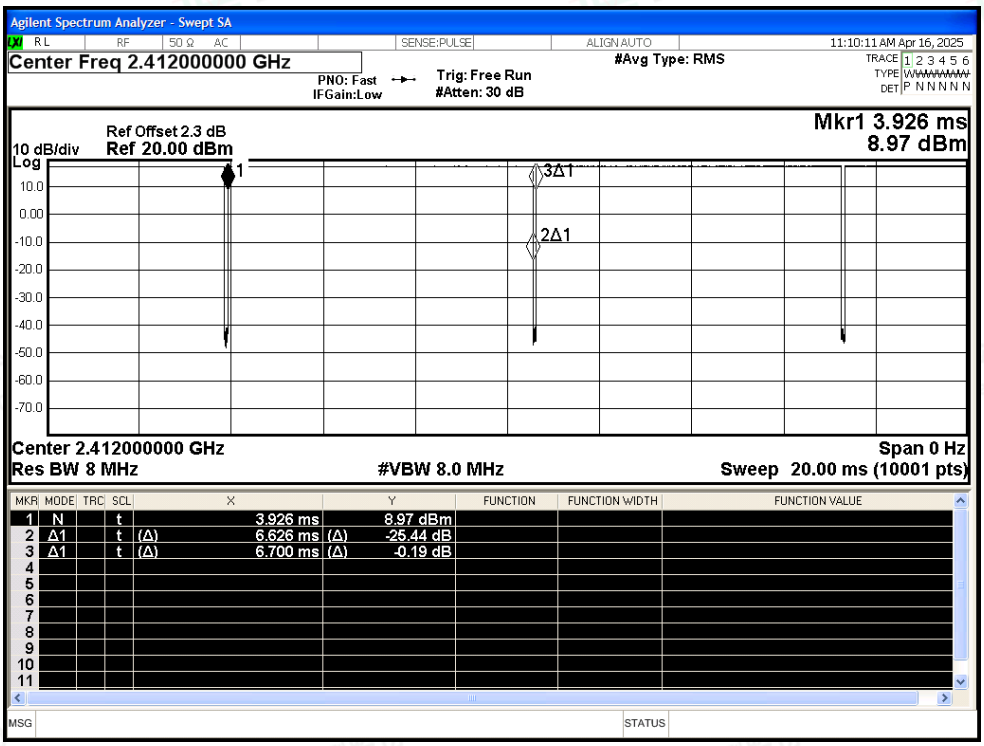


C.6 Duty Cycle

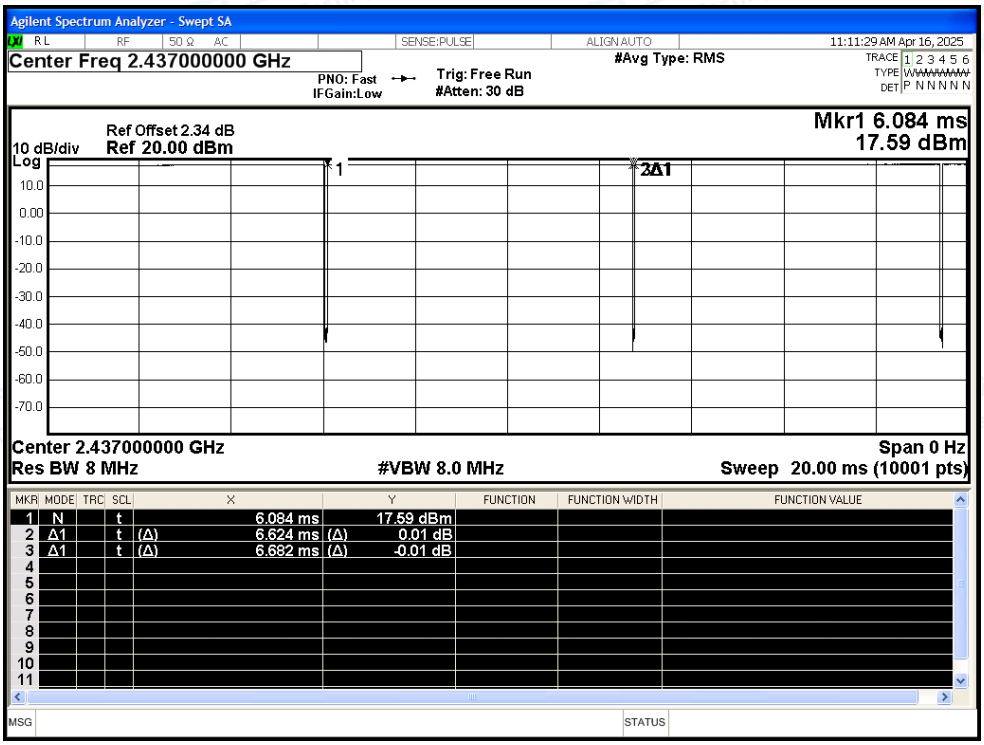
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	98.9	0	0.15
NVNT	b	2437	Ant1	99.13	0	0.15
NVNT	b	2462	Ant1	99.13	0	0.15
NVNT	g	2412	Ant1	97.75	0.1	0.37
NVNT	g	2437	Ant1	97.68	0.1	0.37
NVNT	g	2462	Ant1	97.68	0.1	0.37
NVNT	n20	2412	Ant1	97.25	0.12	0.44
NVNT	n20	2437	Ant1	97.25	0.12	0.44
NVNT	n20	2462	Ant1	97.33	0.12	0.44
NVNT	n40	2422	Ant1	94.71	0.24	0.9
NVNT	n40	2437	Ant1	94.71	0.24	0.9
NVNT	n40	2452	Ant1	94.87	0.23	0.9

Test Graphs

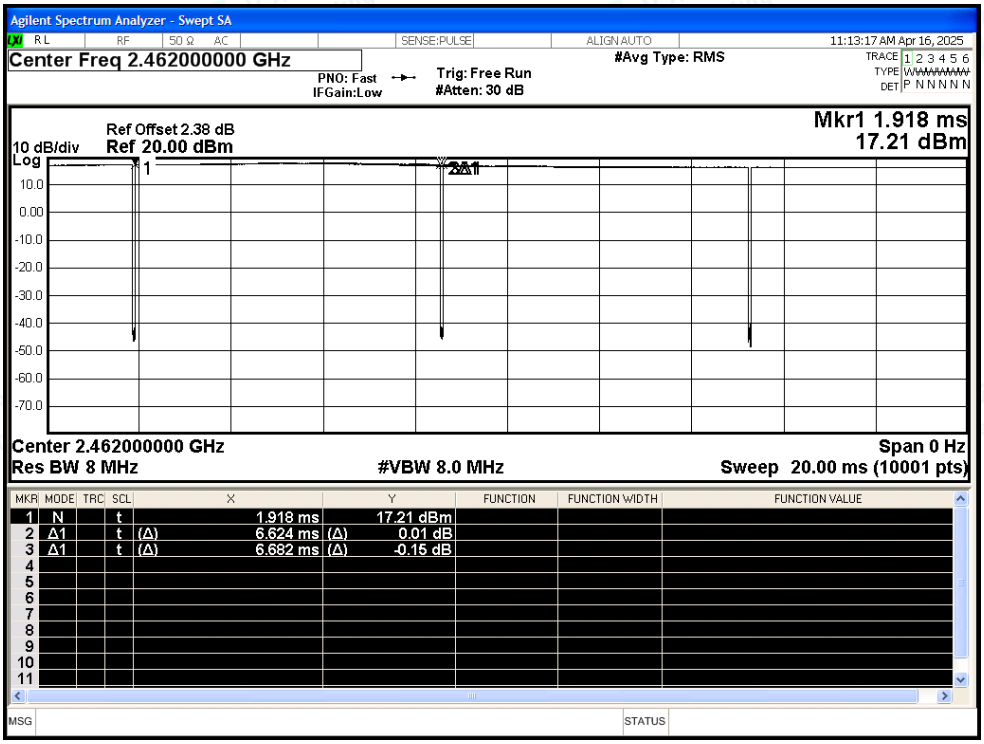
Duty Cycle NVNT b 2412MHz Ant1



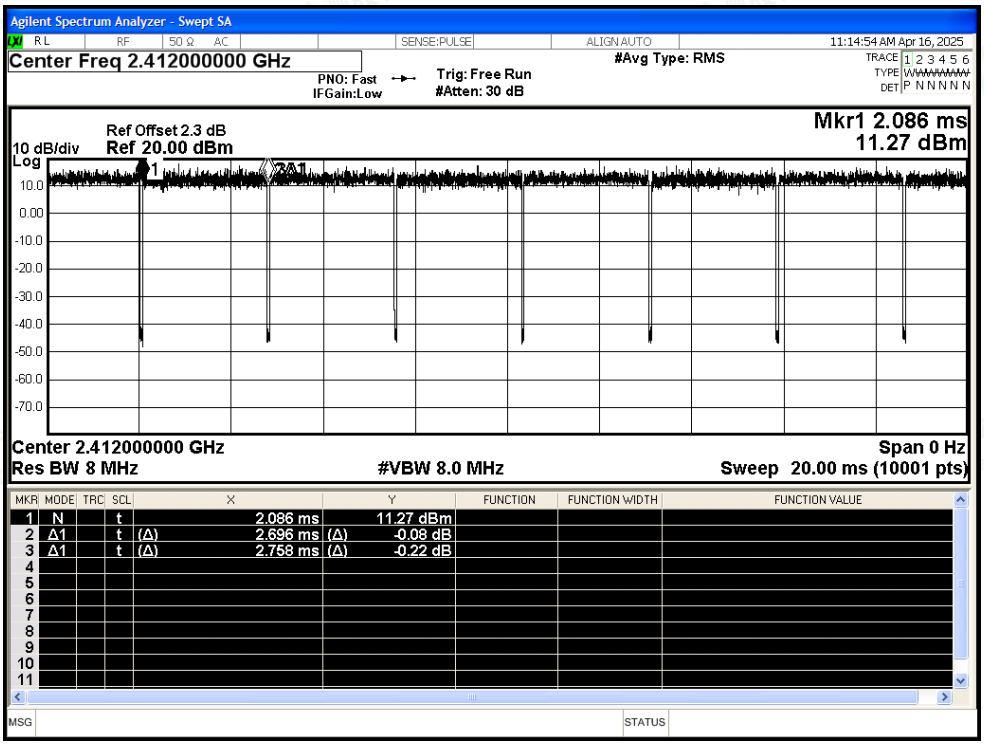
Duty Cycle NVNT b 2437MHz Ant1



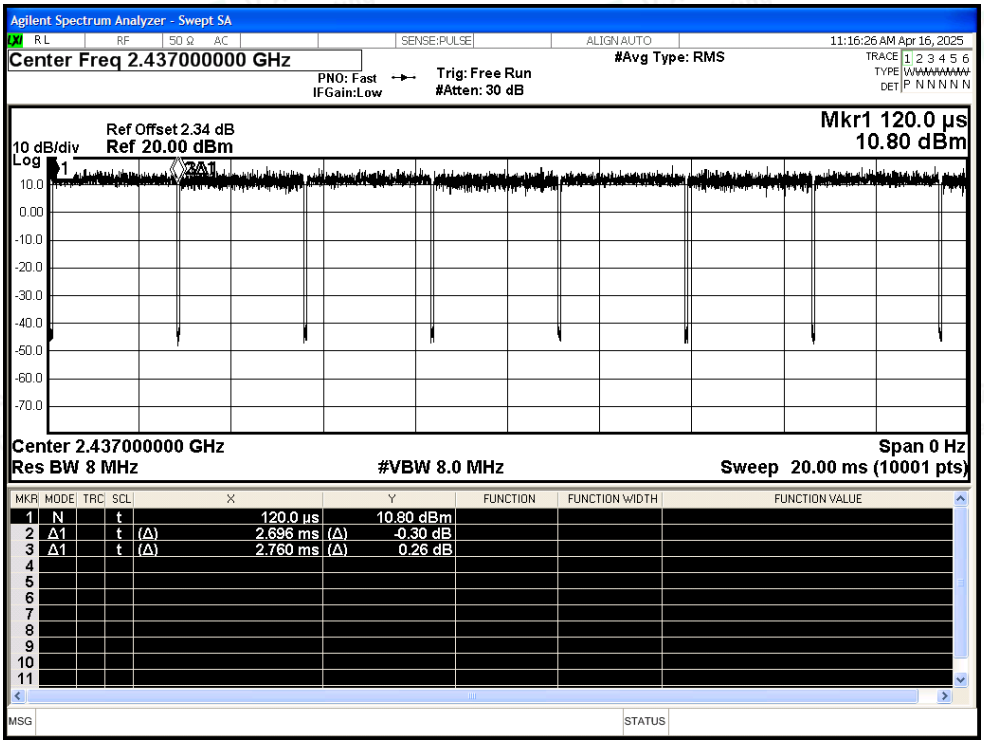
Duty Cycle NVNT b 2462MHz Ant1



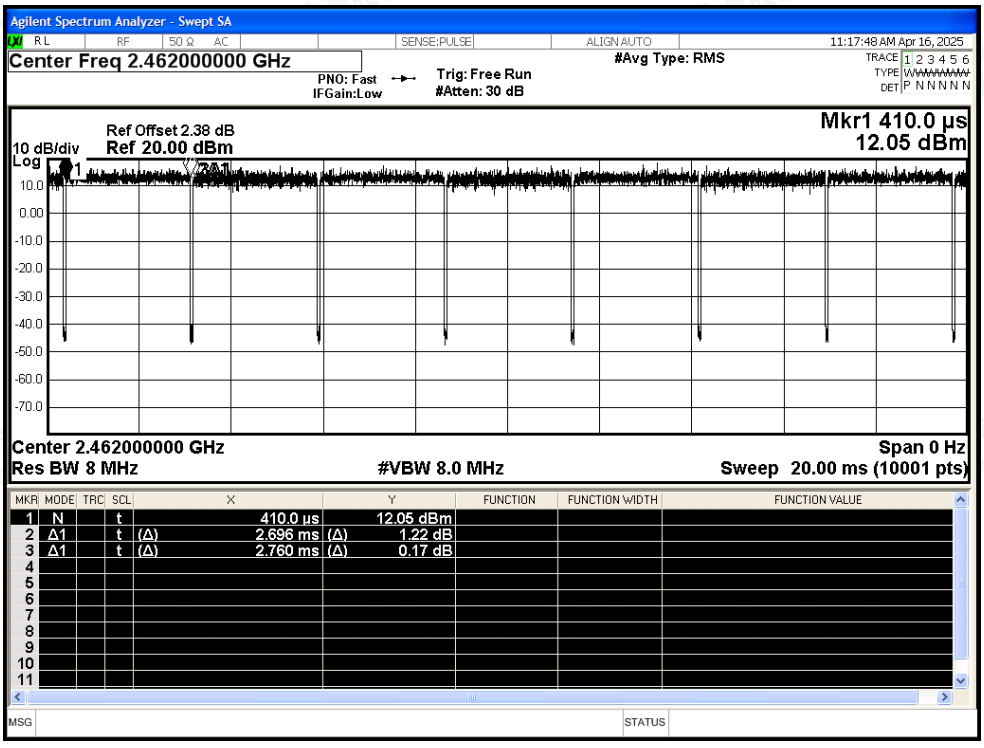
Duty Cycle NVNT g 2412MHz Ant1



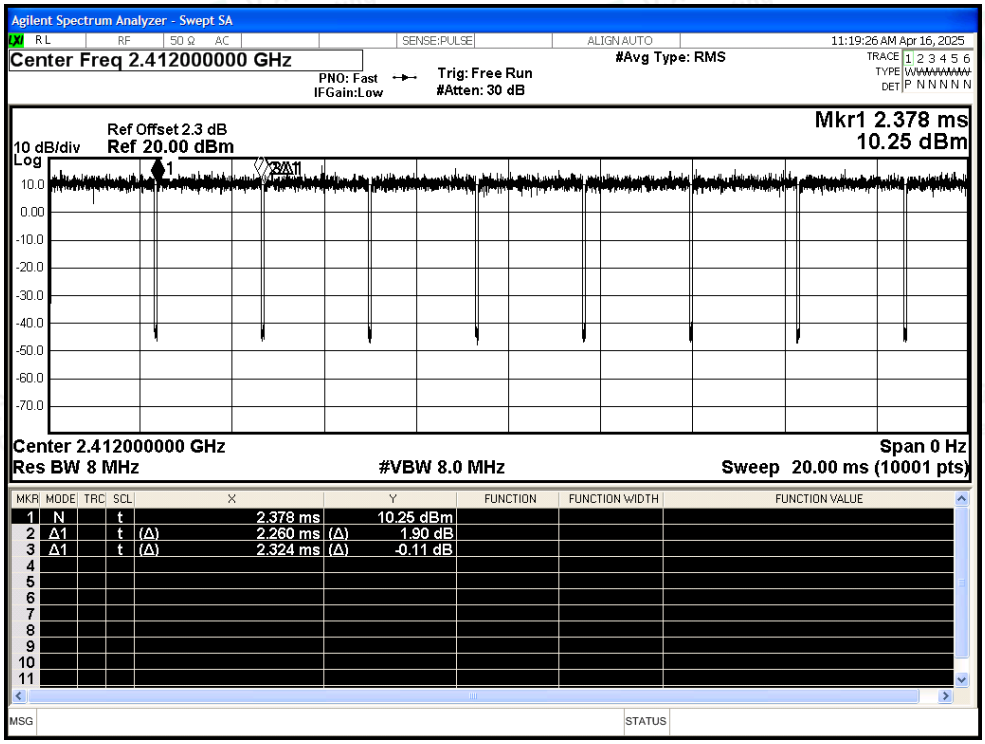
Duty Cycle NVNT g 2437MHz Ant1



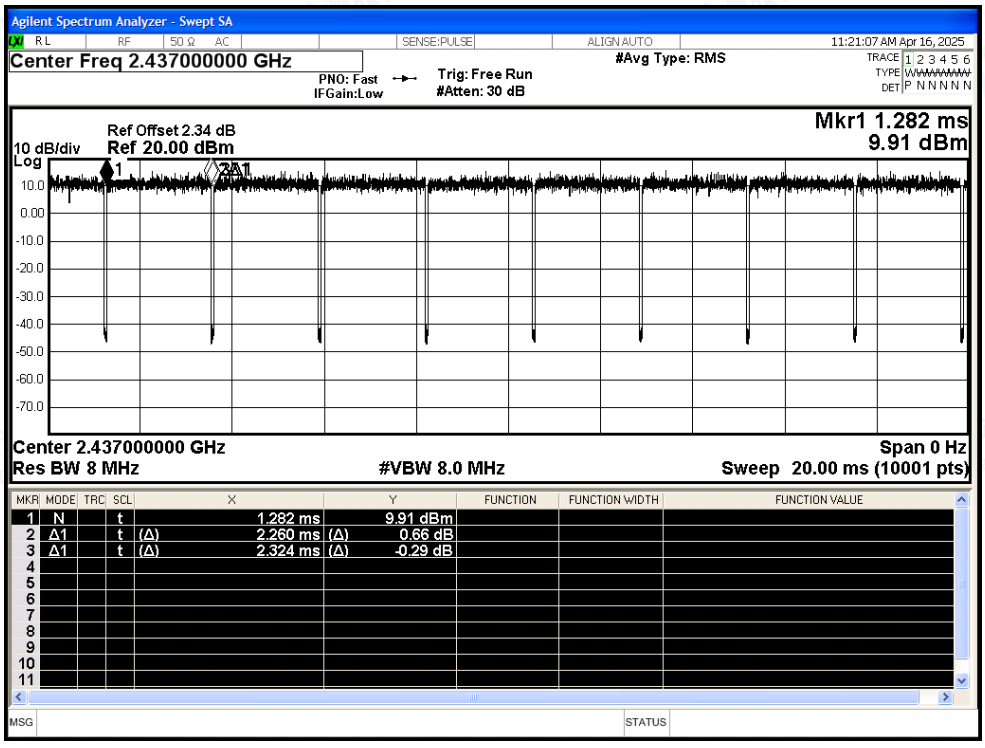
Duty Cycle NVNT g 2462MHz Ant1



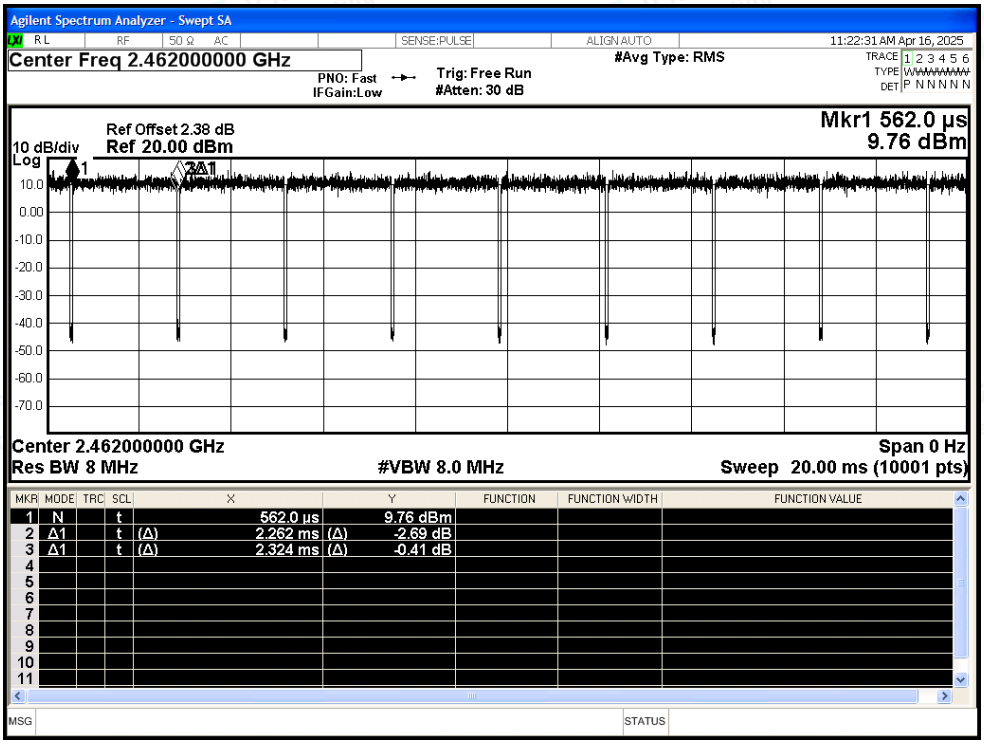
Duty Cycle NVNT n20 2412MHz Ant1



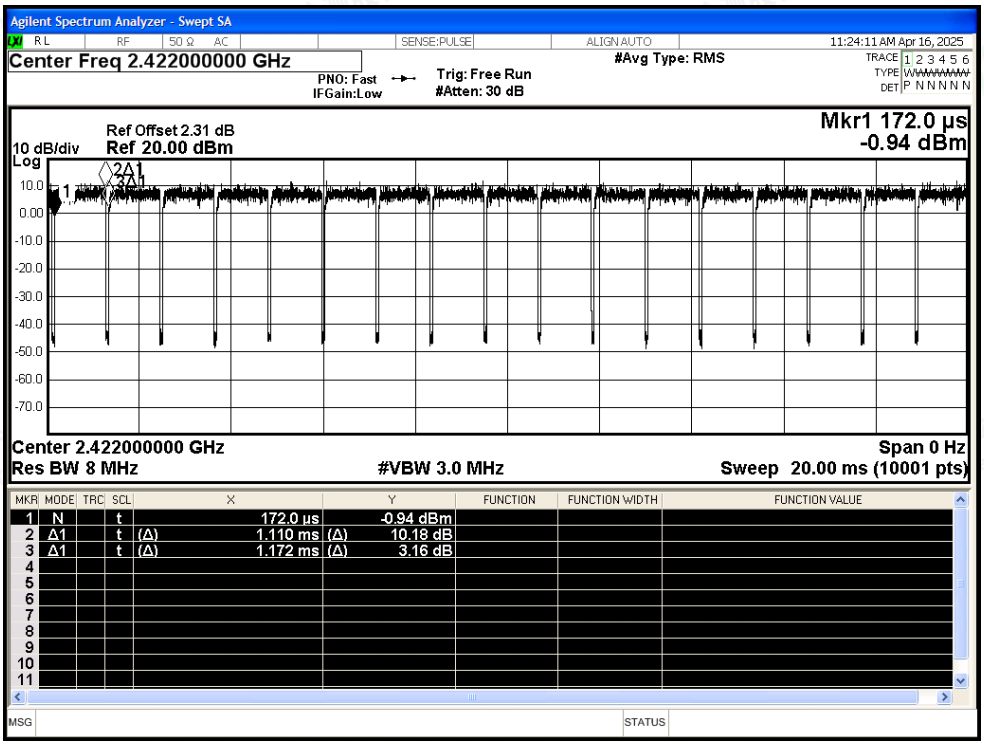
Duty Cycle NVNT n20 2437MHz Ant1



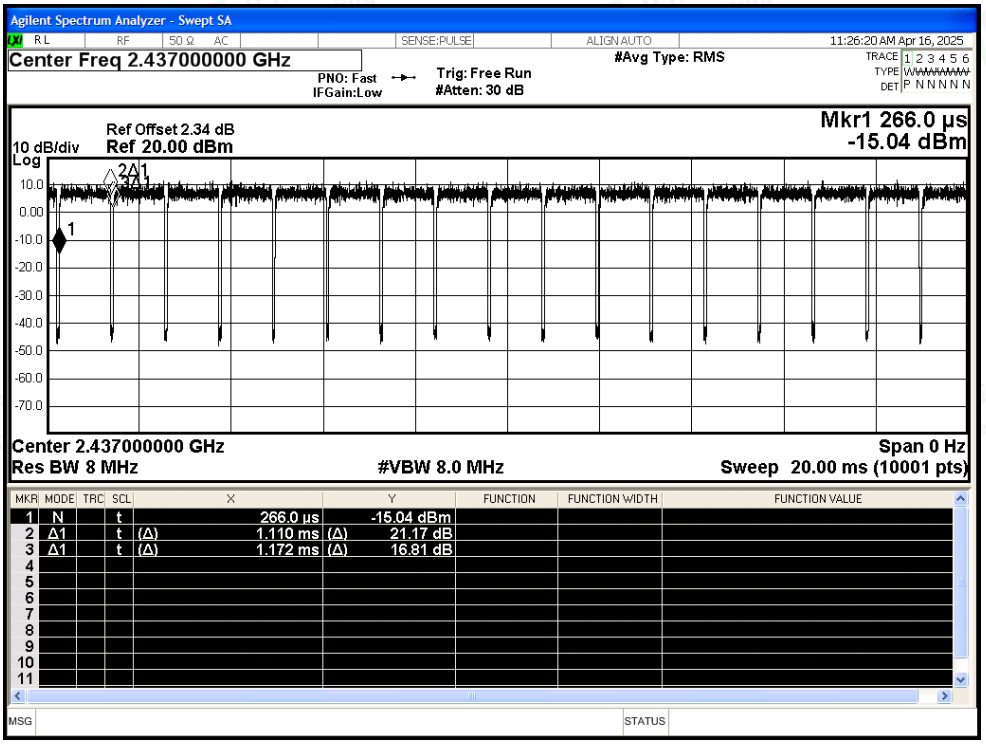
Duty Cycle NVNT n20 2462MHz Ant1



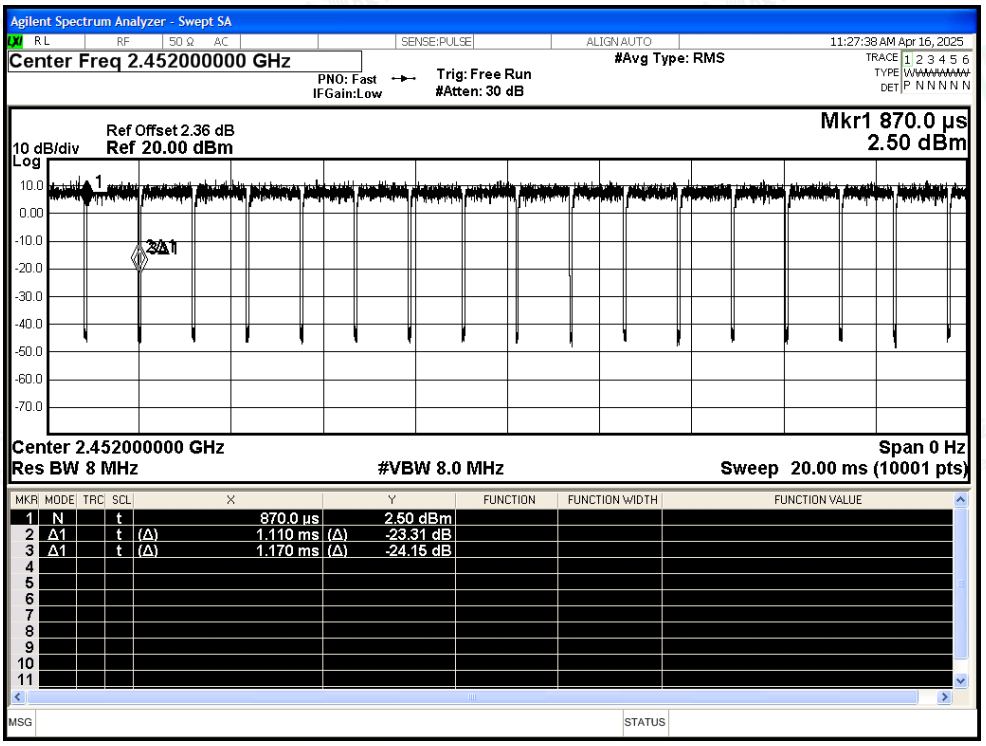
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



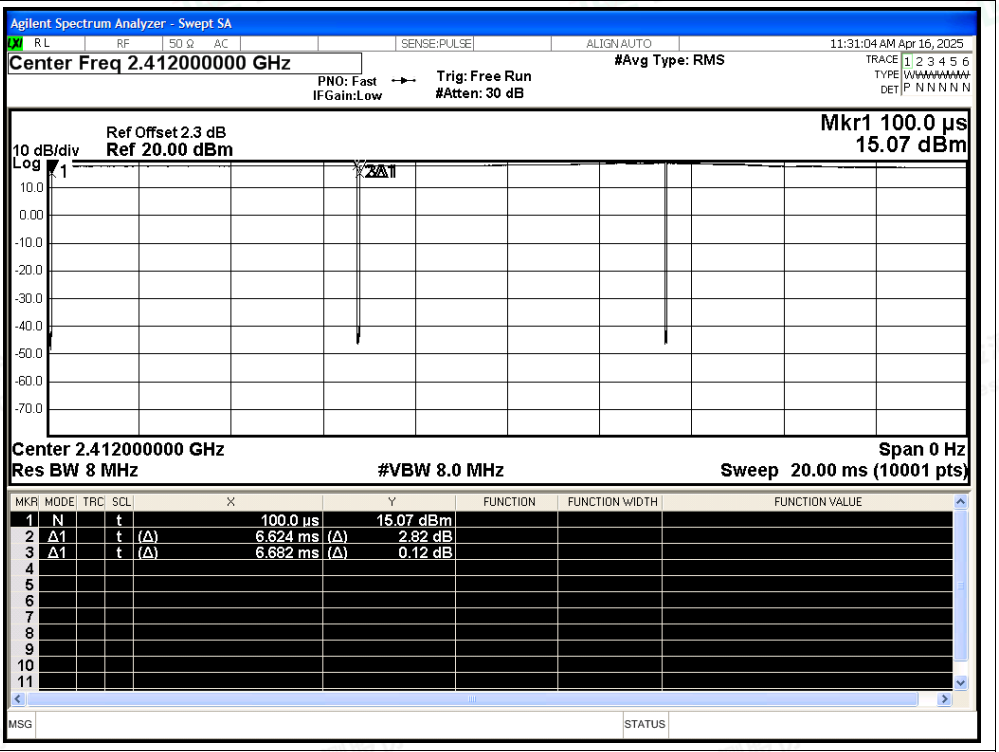
Duty Cycle NVNT n40 2452MHz Ant1



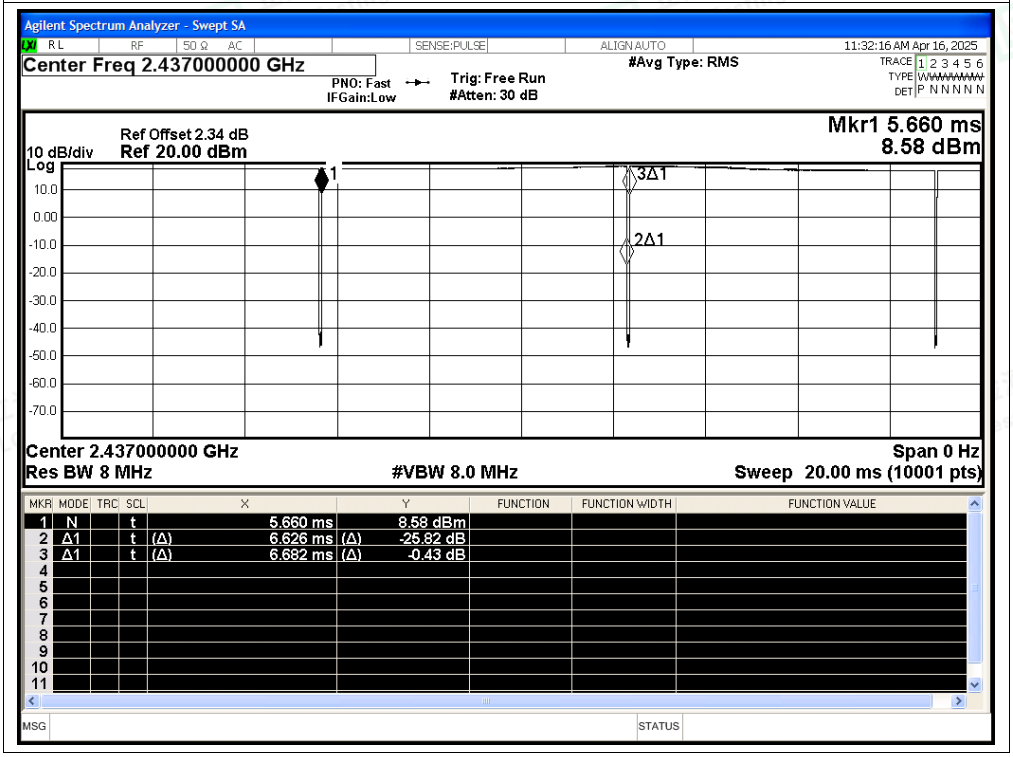
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant2	99.13	0	0.15
NVNT	b	2437	Ant2	99.16	0	0.15
NVNT	b	2462	Ant2	99.16	0	0.15
NVNT	g	2412	Ant2	97.75	0.1	0.37
NVNT	g	2437	Ant2	97.75	0.1	0.37
NVNT	g	2462	Ant2	97.75	0.1	0.37
NVNT	n20	2412	Ant2	97.33	0.12	0.44
NVNT	n20	2437	Ant2	97.33	0.12	0.44
NVNT	n20	2462	Ant2	97.25	0.12	0.44
NVNT	n40	2422	Ant2	94.7	0.24	0.9
NVNT	n40	2437	Ant2	94.71	0.24	0.9
NVNT	n40	2452	Ant2	94.7	0.24	0.9

Test Graphs

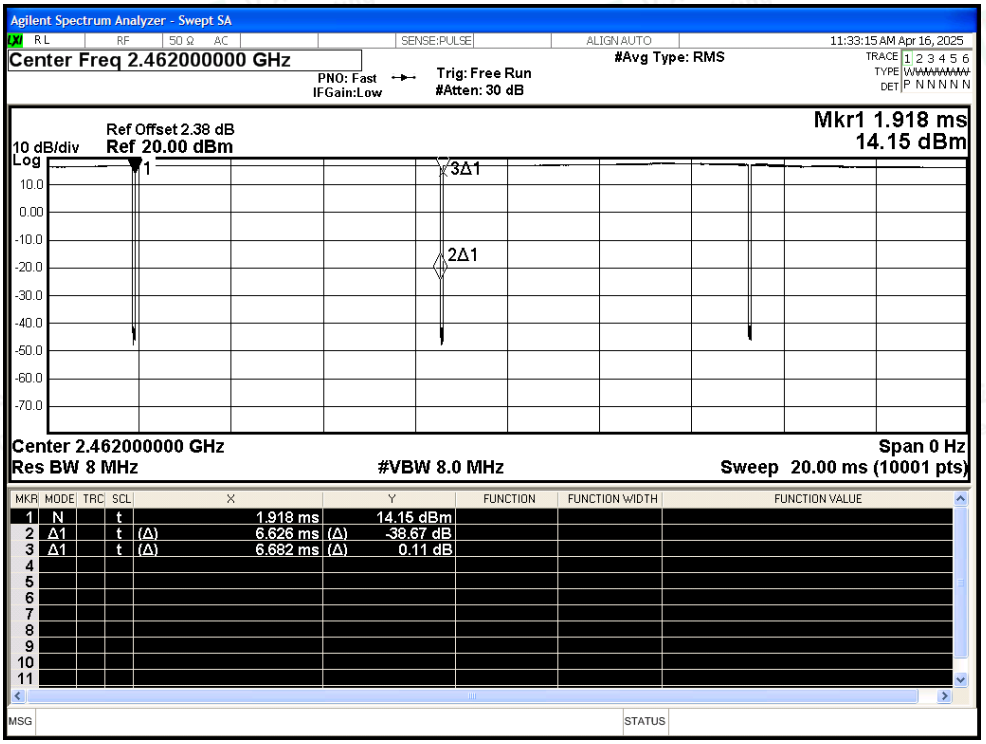
Duty Cycle NVNT b 2412MHz Ant2



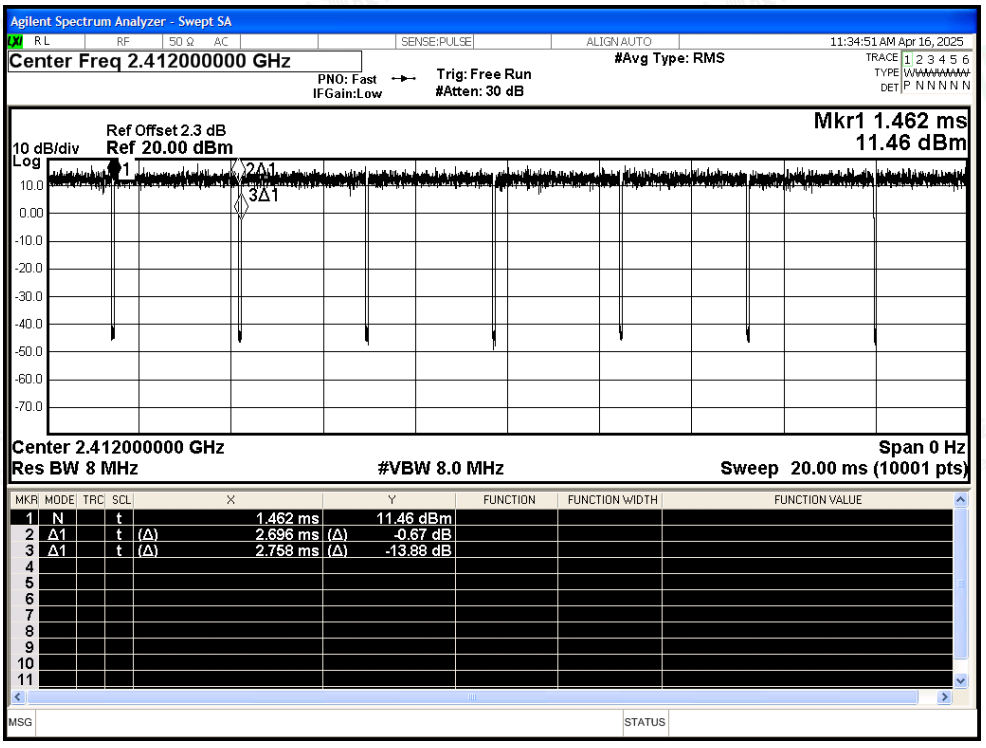
Duty Cycle NVNT b 2437MHz Ant2



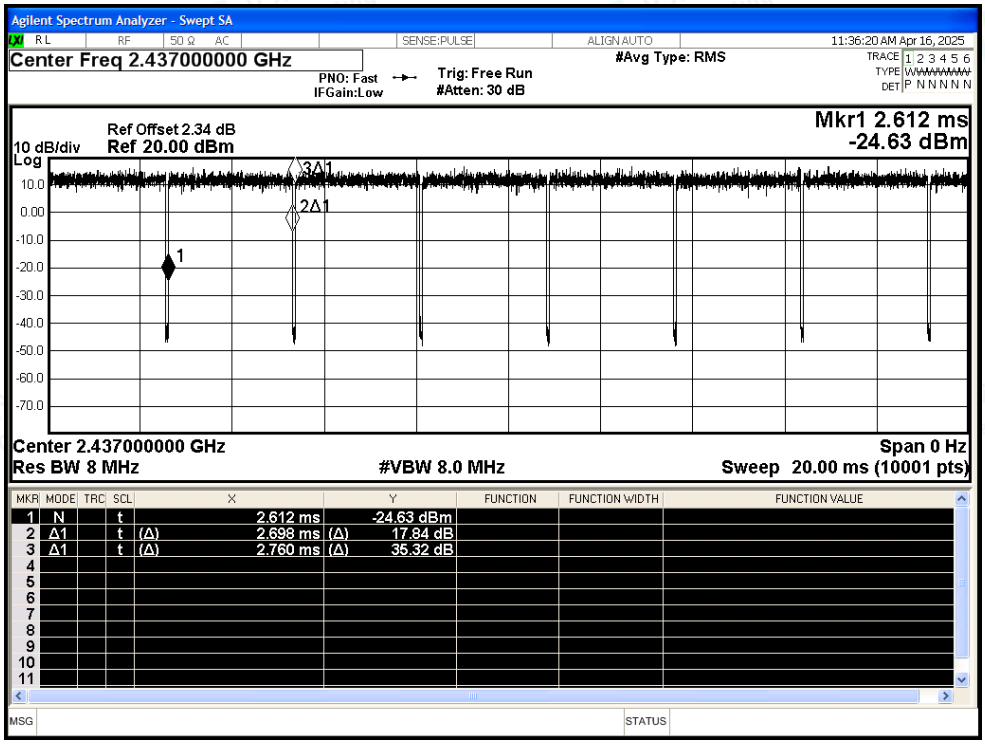
Duty Cycle NVNT b 2462MHz Ant2



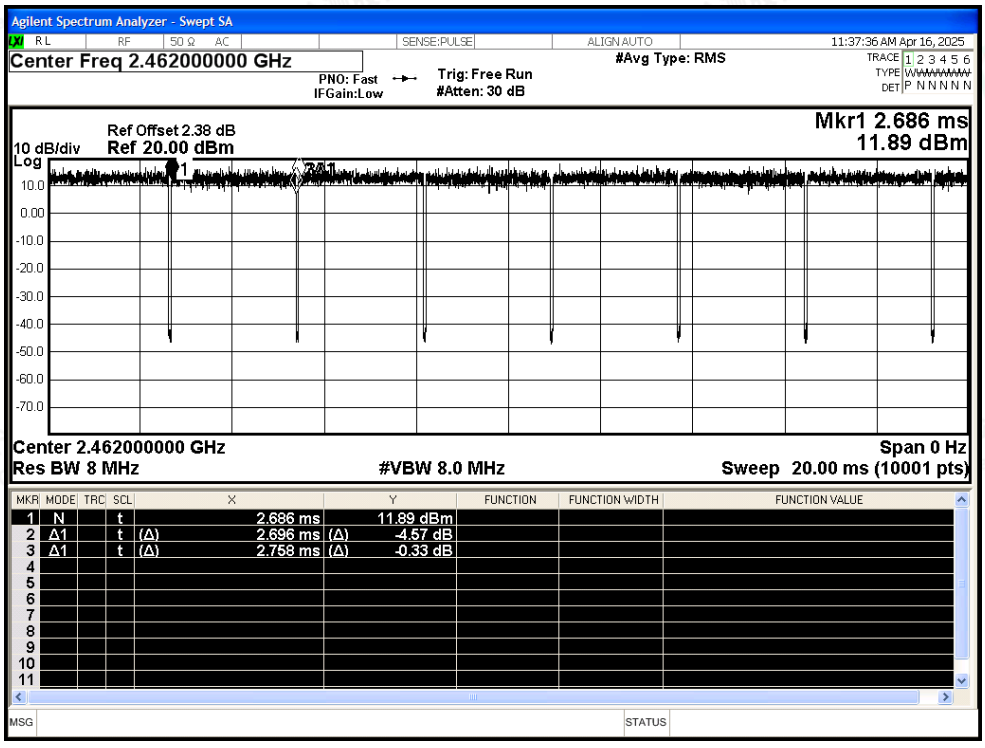
Duty Cycle NVNT g 2412MHz Ant2



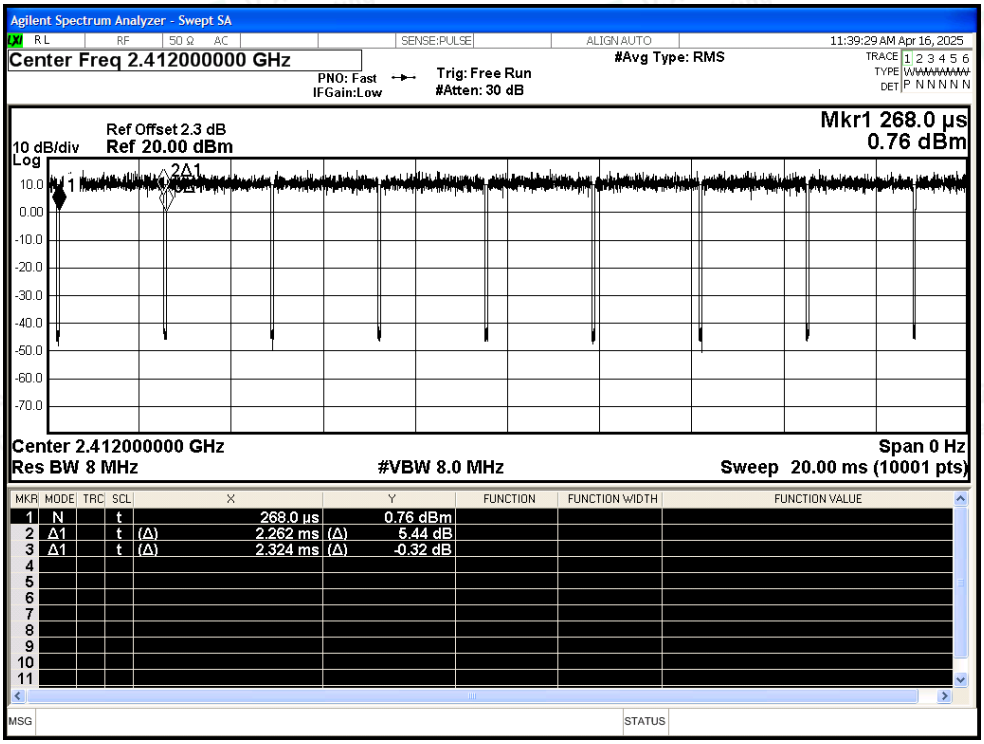
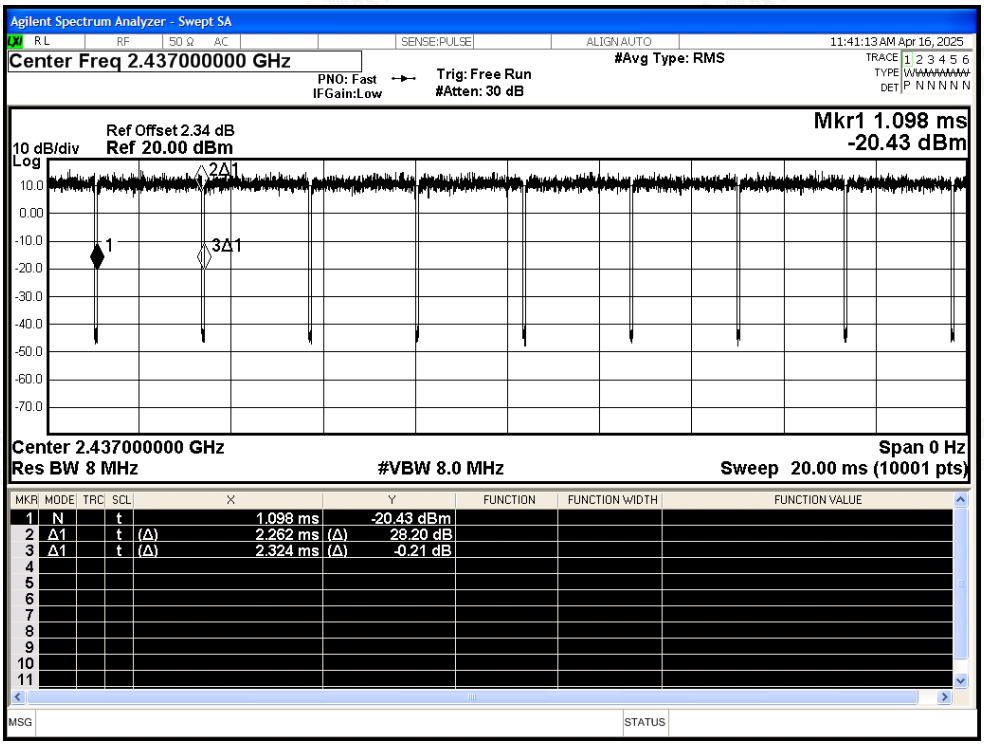
Duty Cycle NVNT g 2437MHz Ant2



Duty Cycle NVNT g 2462MHz Ant2



Duty Cycle NVNT n20 2412MHz Ant2



Duty Cycle NVNT n20 2437MHz Ant2