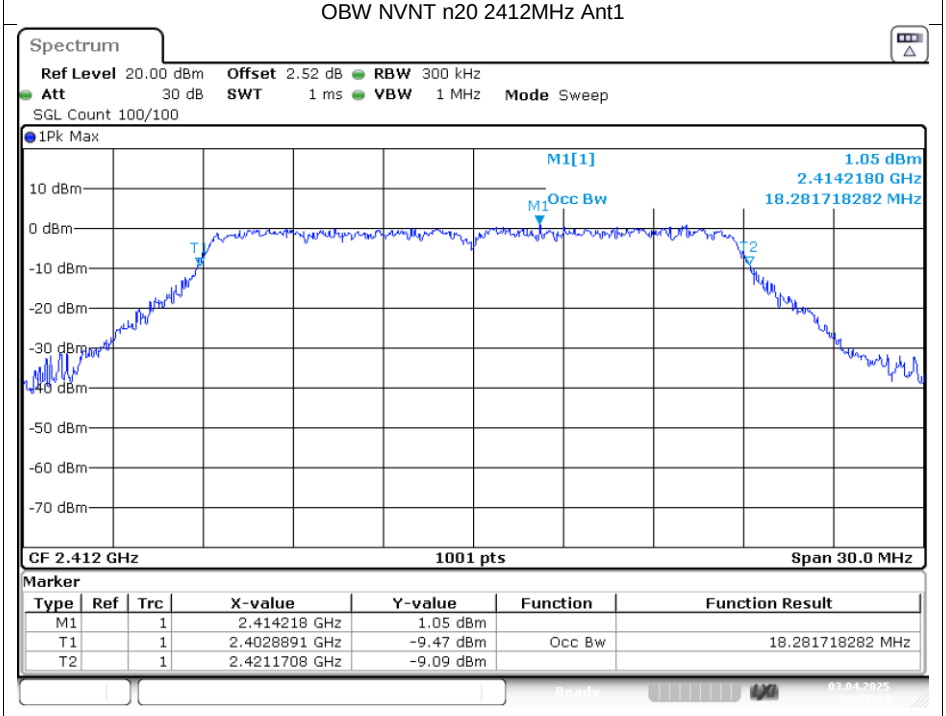
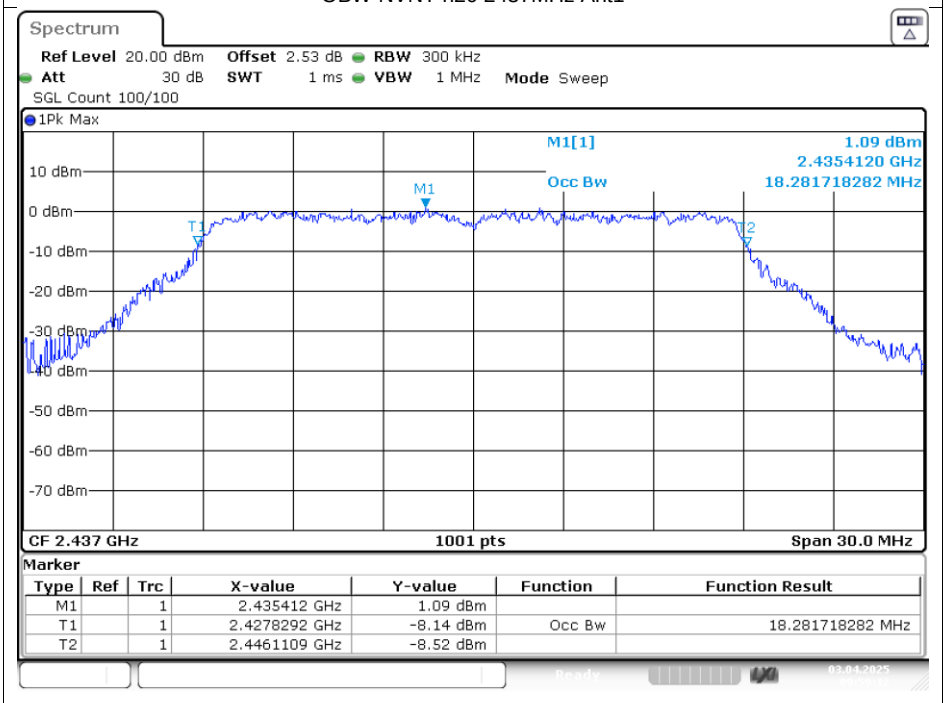
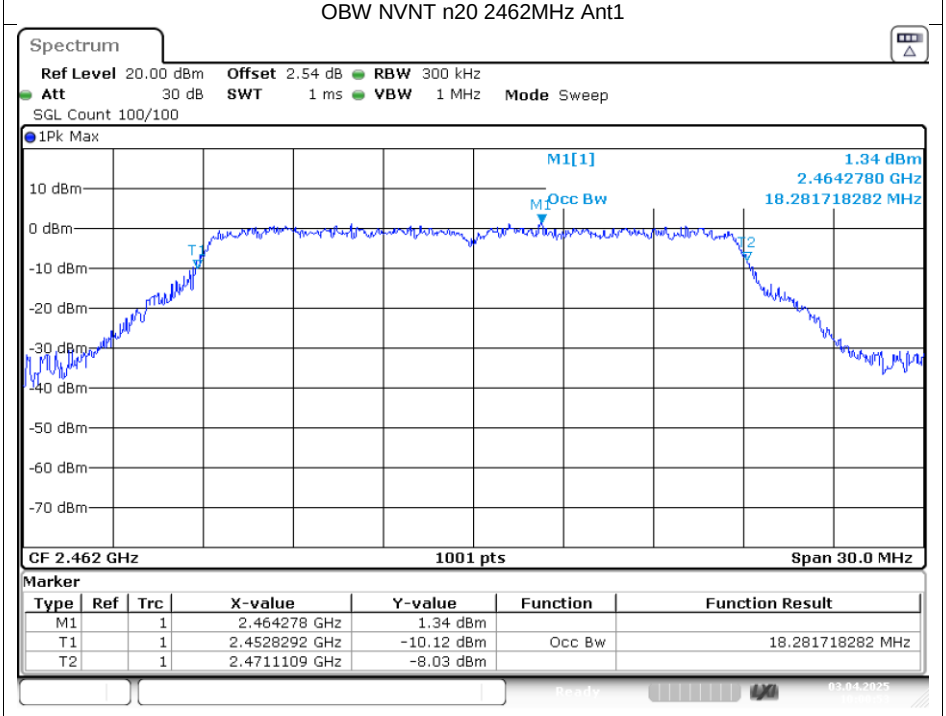
OBW NVNT n20 2412MHz Ant1



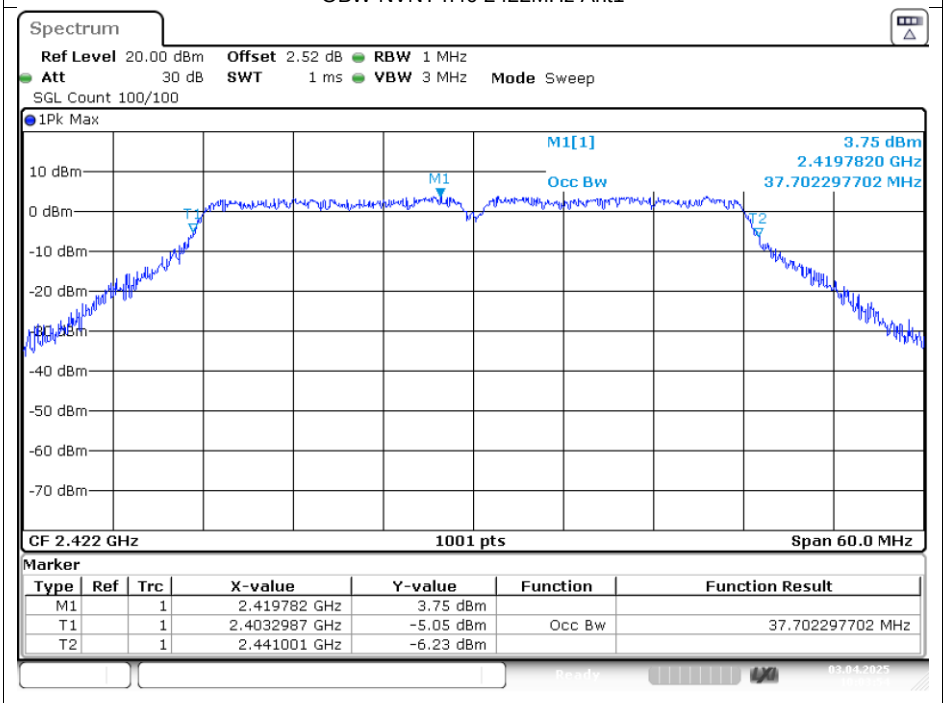
OBW NVNT n20 2437MHz Ant1



OBW NVNT n20 2462MHz Ant1



OBW NVNT n40 2422MHz Ant1



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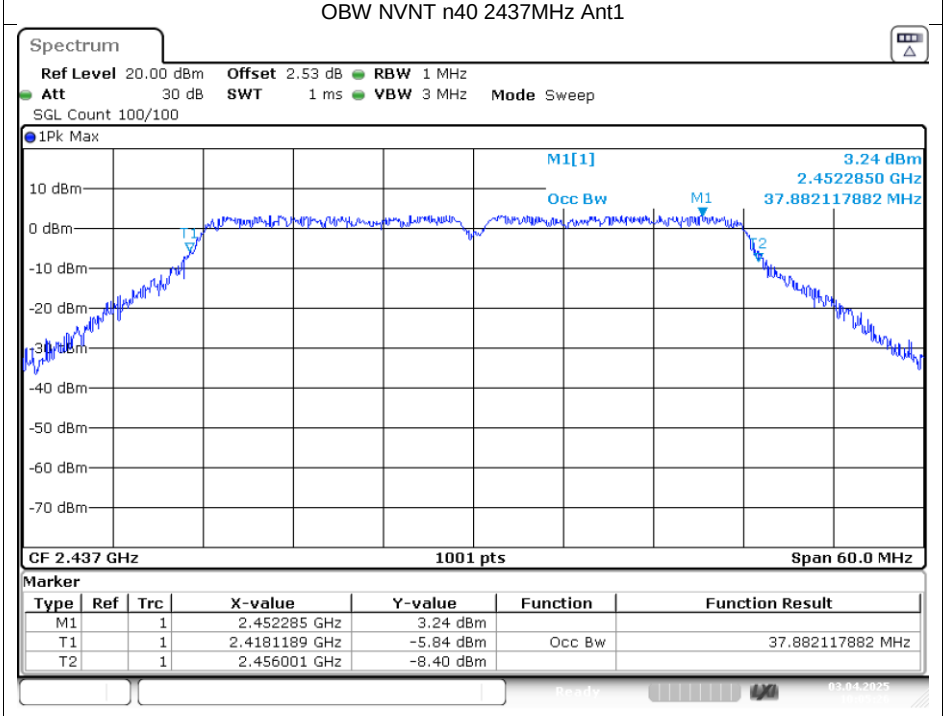
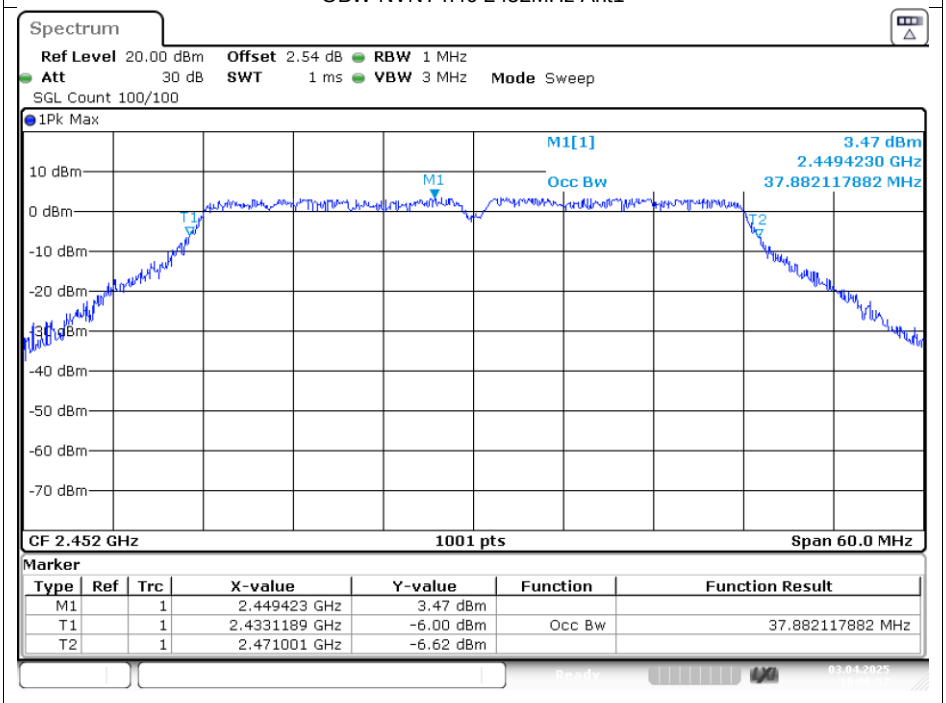


OBW NVNT n40 2452MHz Ant1

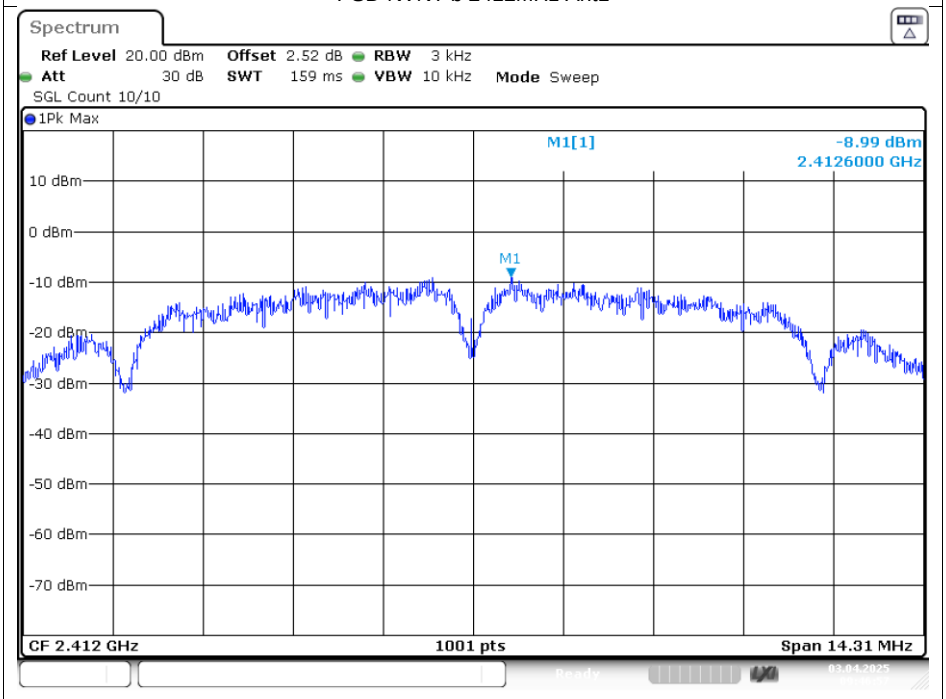


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-8.99	8	Pass
NVNT	b	2437	Ant1	-10.53	8	Pass
NVNT	b	2462	Ant1	-9.58	8	Pass
NVNT	g	2412	Ant1	-15.84	8	Pass
NVNT	g	2437	Ant1	-15.94	8	Pass
NVNT	g	2462	Ant1	-15.52	8	Pass
NVNT	n20	2412	Ant1	-15.4	8	Pass
NVNT	n20	2437	Ant1	-15.79	8	Pass
NVNT	n20	2462	Ant1	-15.28	8	Pass
NVNT	n40	2422	Ant1	-17.46	8	Pass
NVNT	n40	2437	Ant1	-17.85	8	Pass
NVNT	n40	2452	Ant1	-17.54	8	Pass

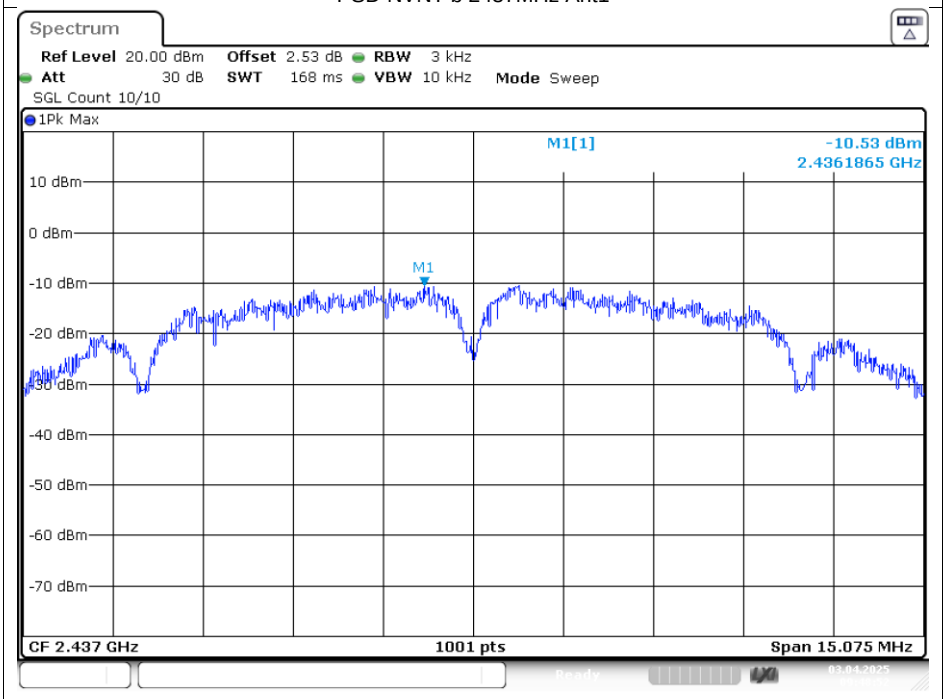
Test Graphs

PSD NVNT b 2412MHz Ant1



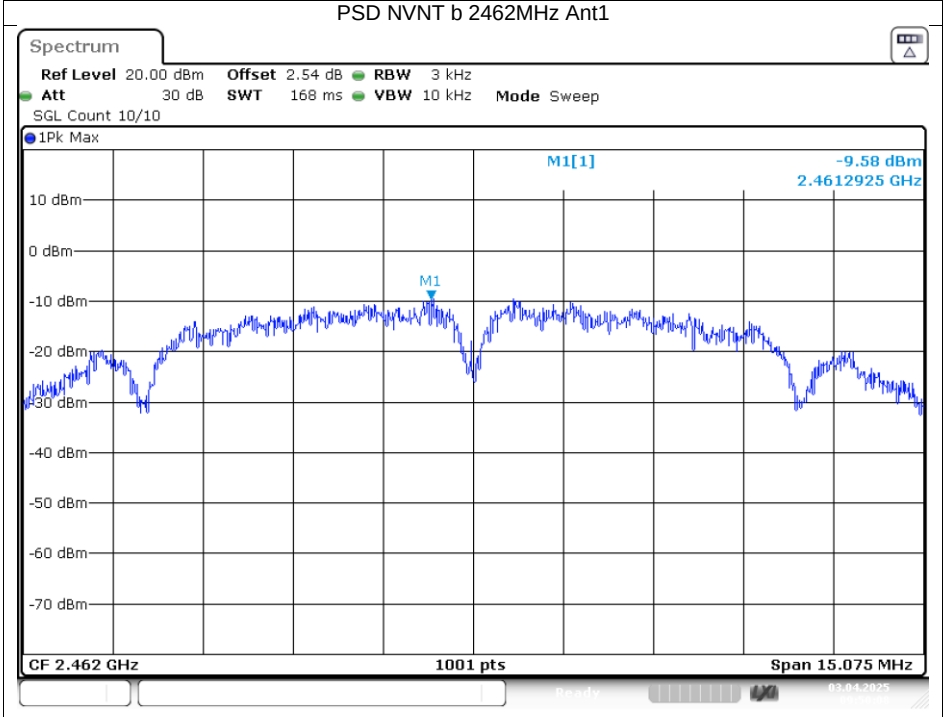
Date: 3.APR.2025 09:46:57

PSD NVNT b 2437MHz Ant1

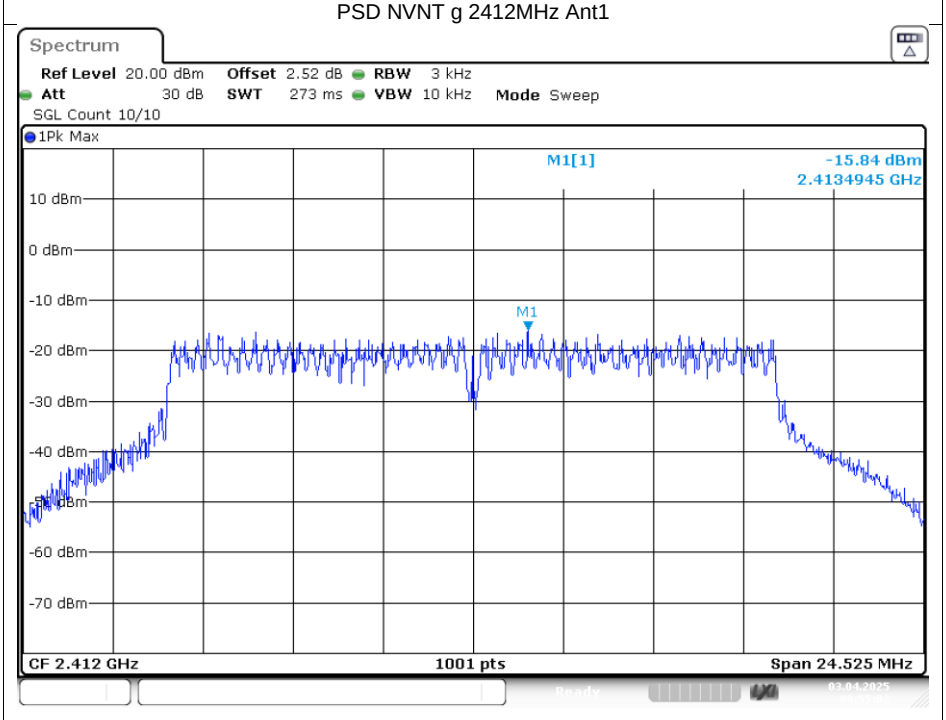


Date: 3.APR.2025 09:48:53

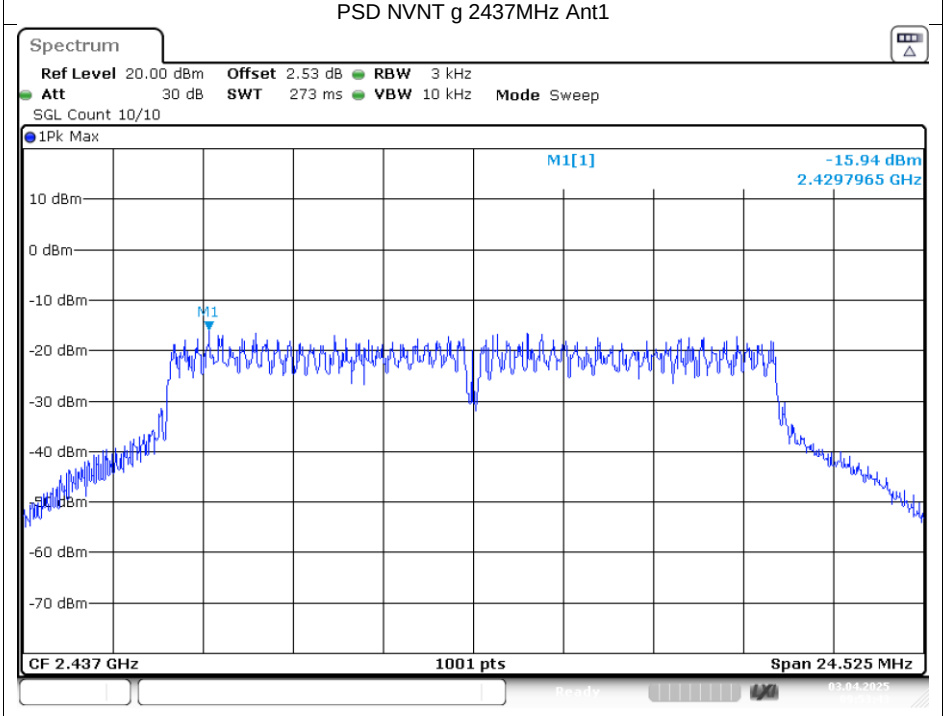
PSD NVNT b 2462MHz Ant1



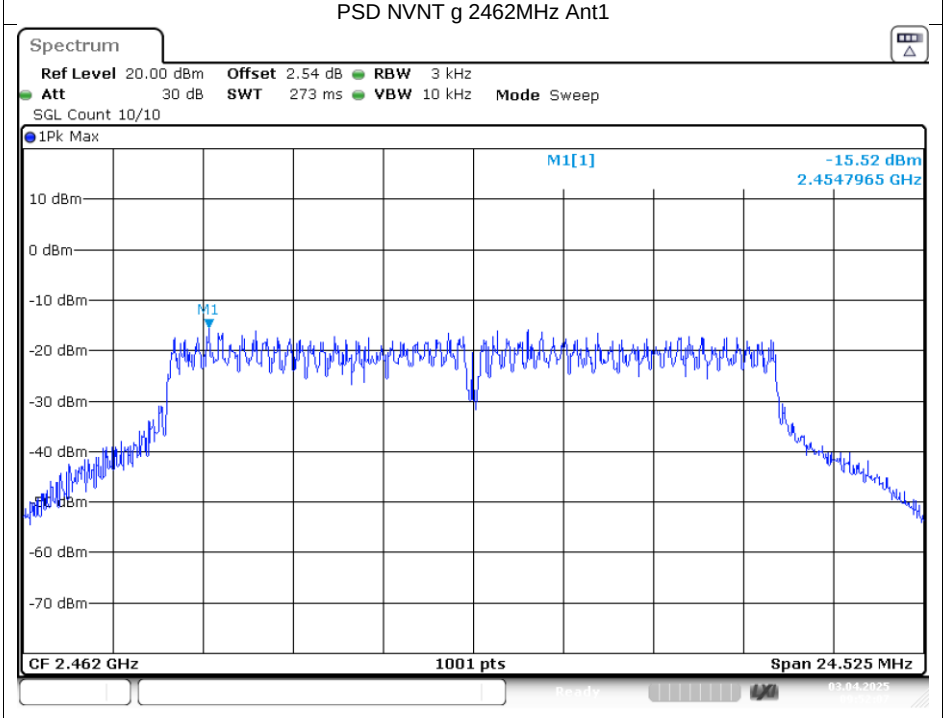
PSD NVNT g 2412MHz Ant1



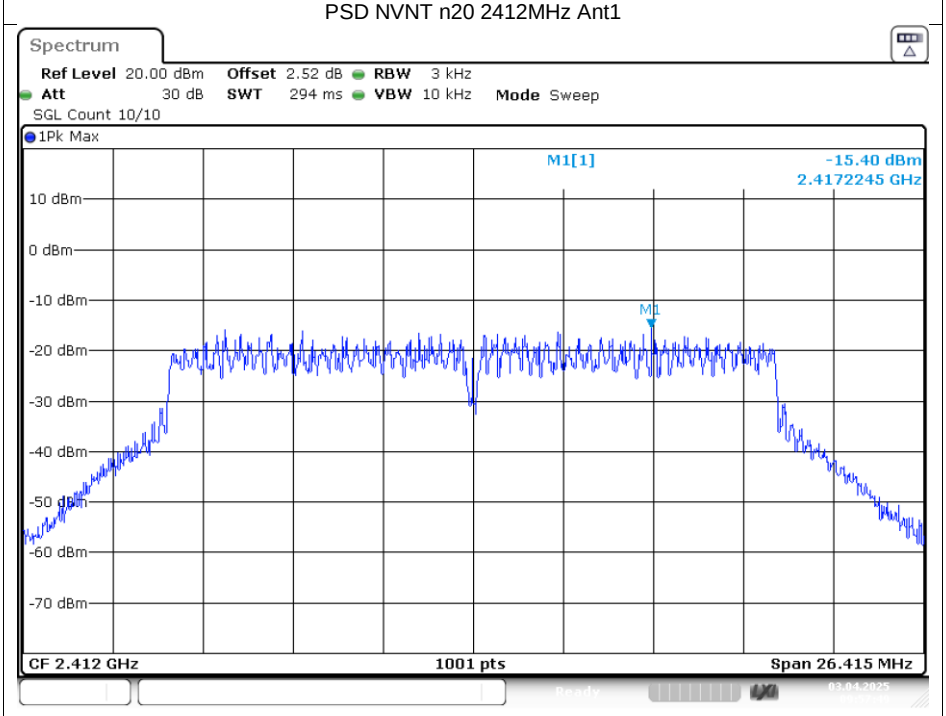
PSD NVNT g 2437MHz Ant1



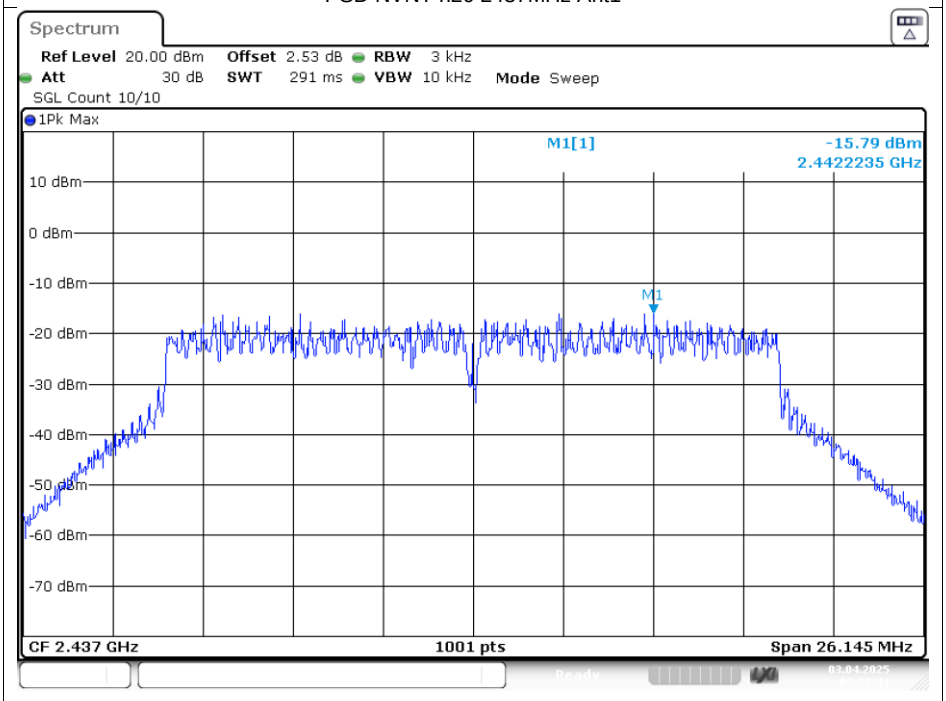
PSD NVNT g 2462MHz Ant1



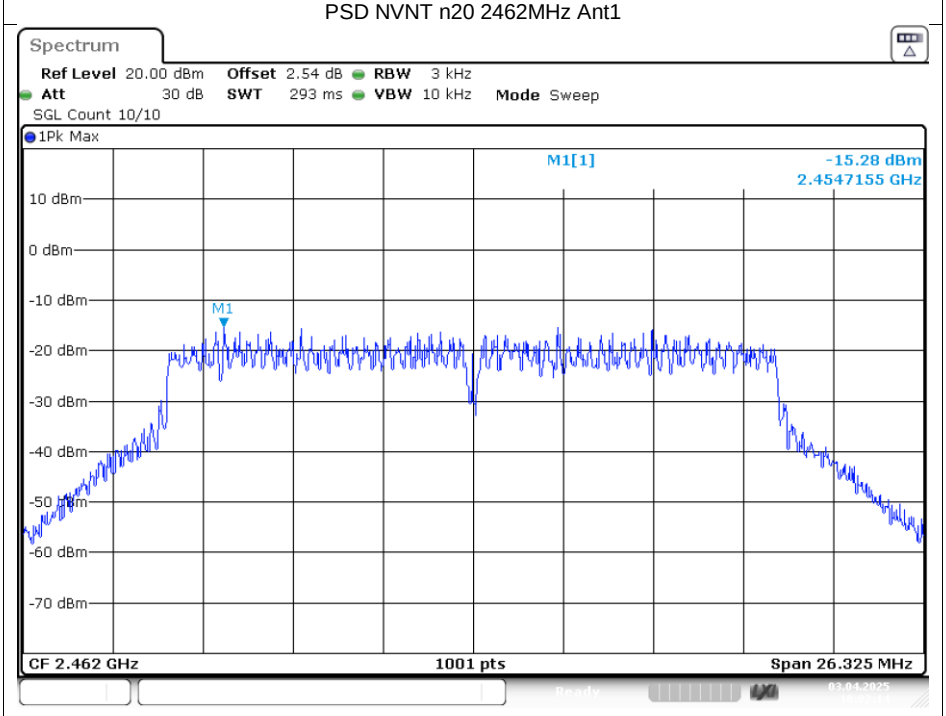
PSD NVNT n20 2412MHz Ant1



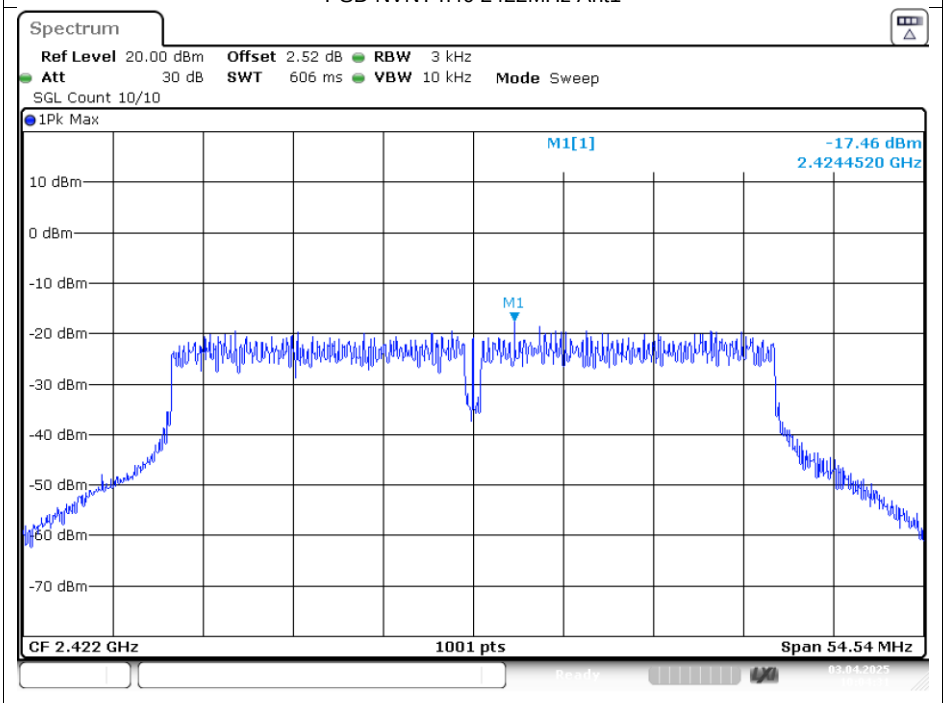
PSD NVNT n20 2437MHz Ant1



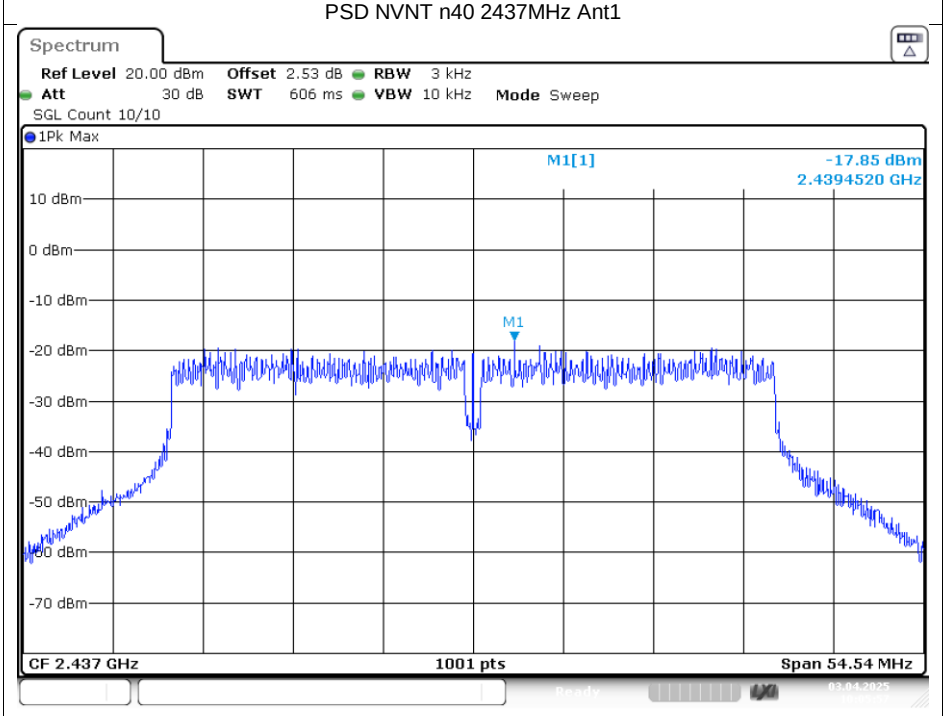
PSD NVNT n20 2462MHz Ant1



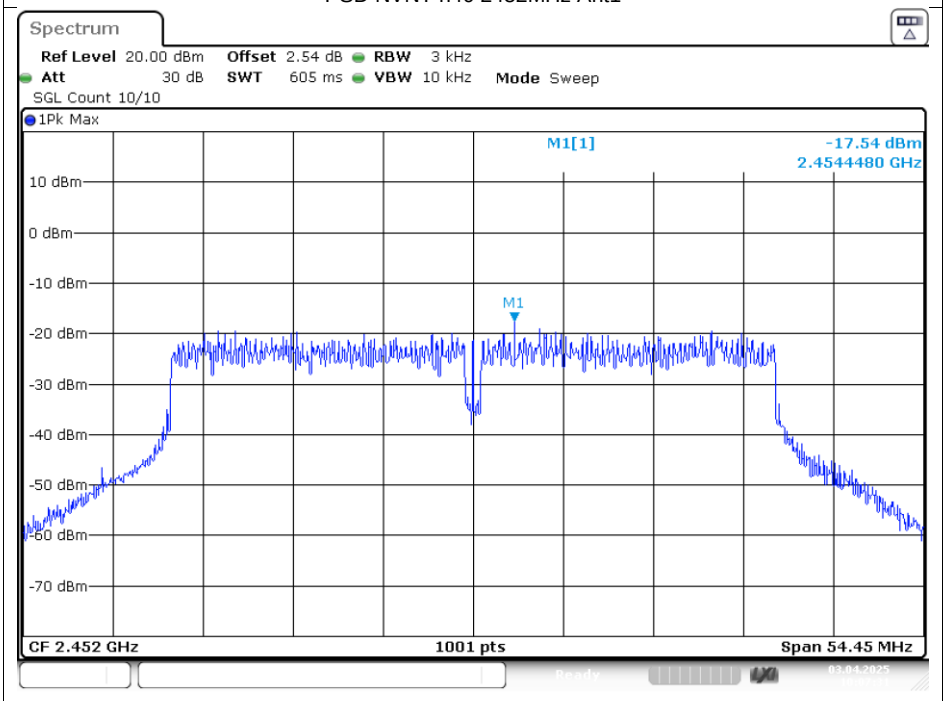
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1

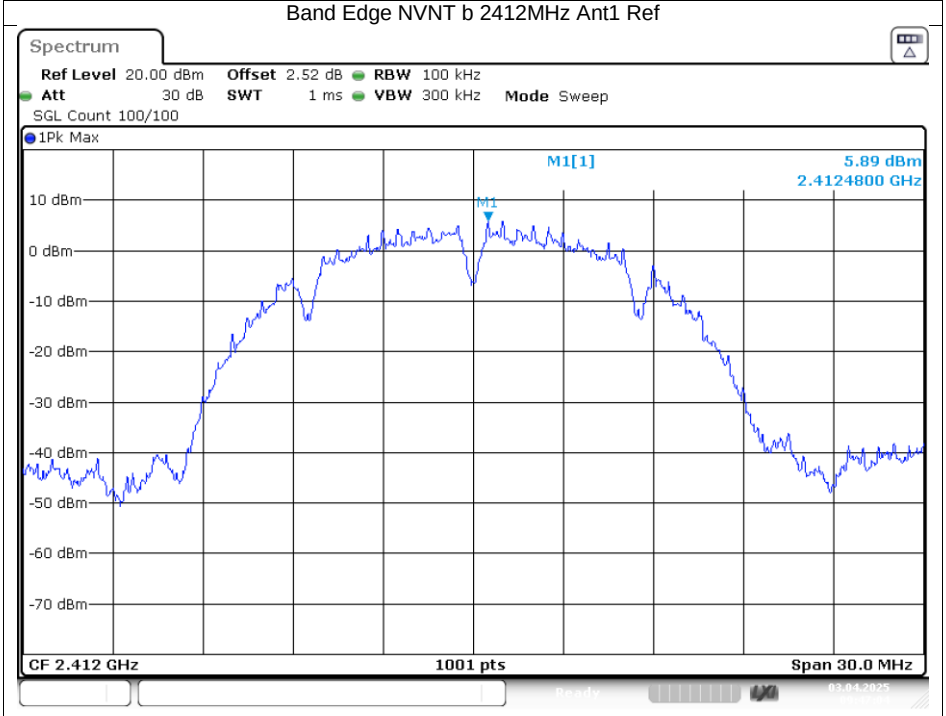


Band Edge

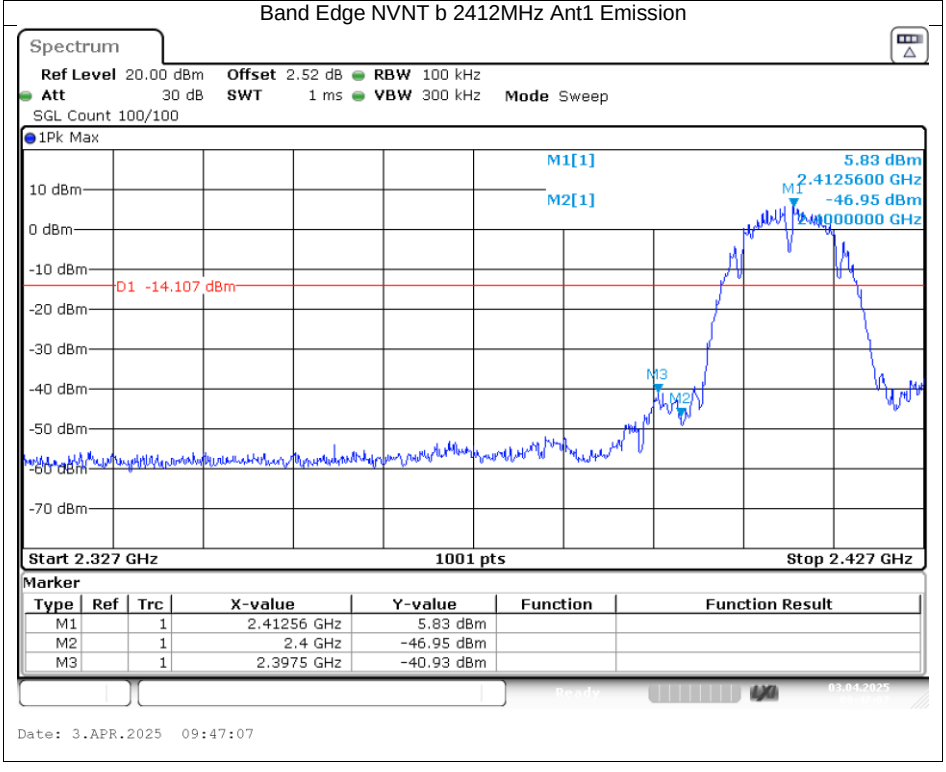
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-46.82	-20	Pass
NVNT	b	2462	Ant1	-57.55	-20	Pass
NVNT	g	2412	Ant1	-35.67	-20	Pass
NVNT	g	2462	Ant1	-47.93	-20	Pass
NVNT	n20	2412	Ant1	-34.35	-20	Pass
NVNT	n20	2462	Ant1	-45.28	-20	Pass
NVNT	n40	2422	Ant1	-24.5	-20	Pass
NVNT	n40	2452	Ant1	-38.72	-20	Pass

Test Graphs

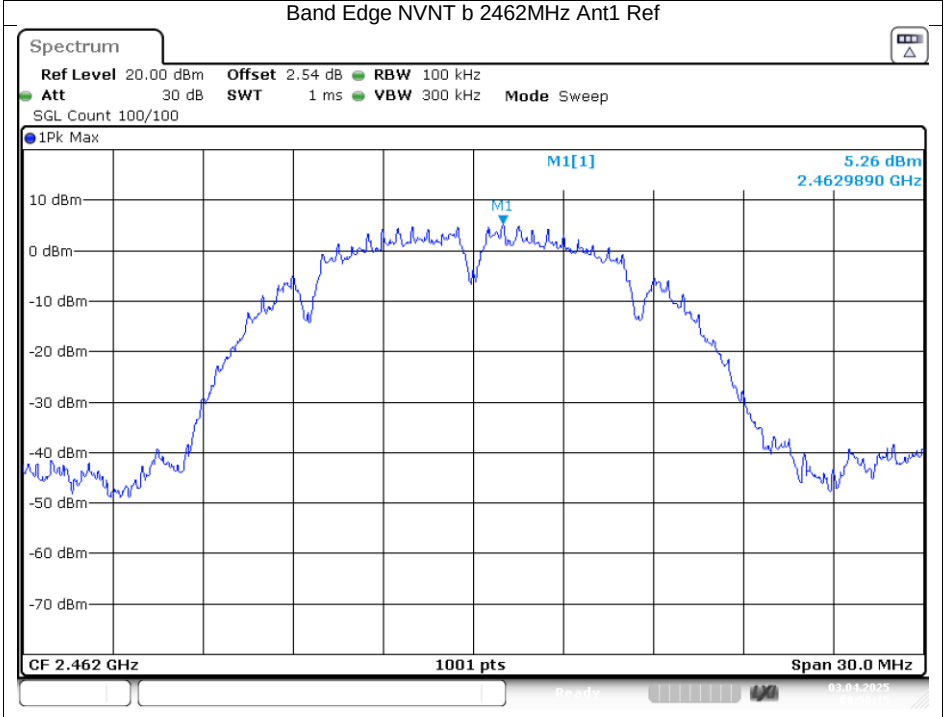
Band Edge NVNT b 2412MHz Ant1 Ref



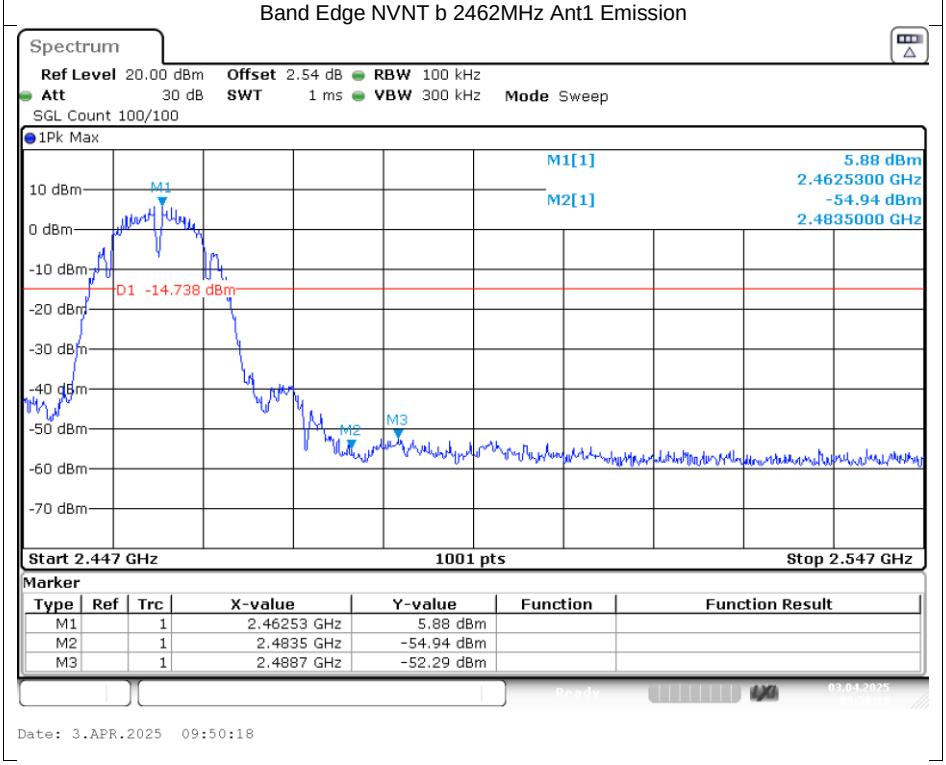
Band Edge NVNT b 2412MHz Ant1 Emission



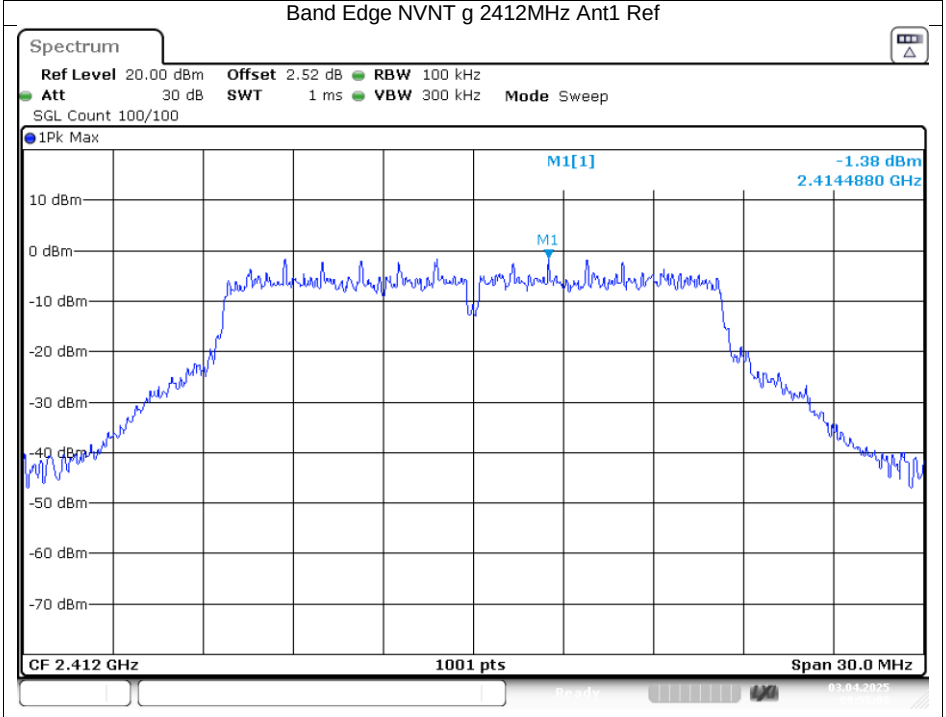
Band Edge NVNT b 2462MHz Ant1 Ref



Band Edge NVNT b 2462MHz Ant1 Emission

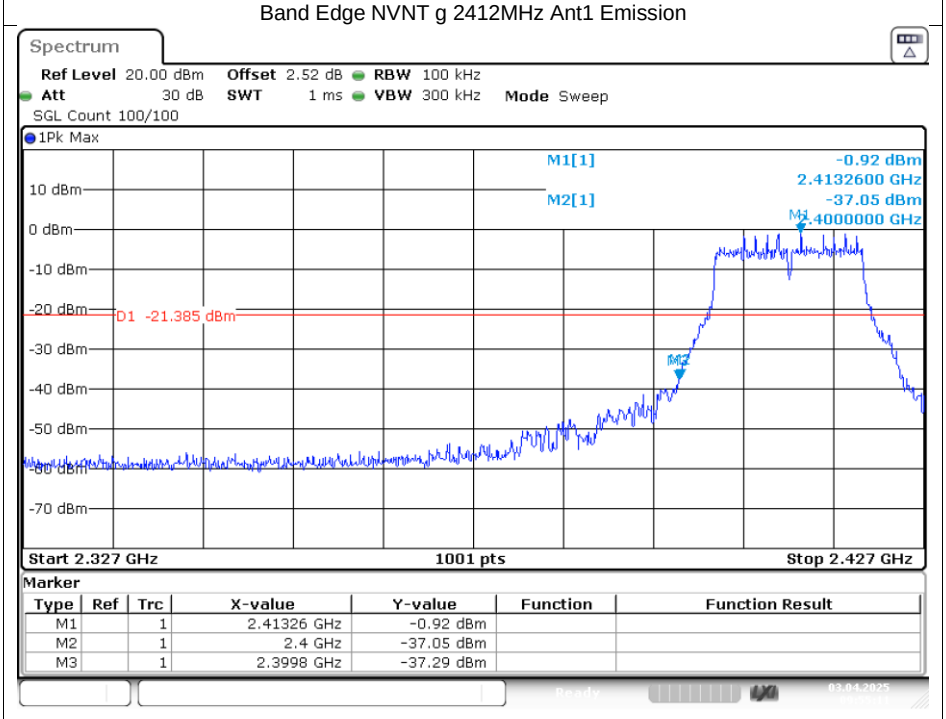


Band Edge NVNT g 2412MHz Ant1 Ref



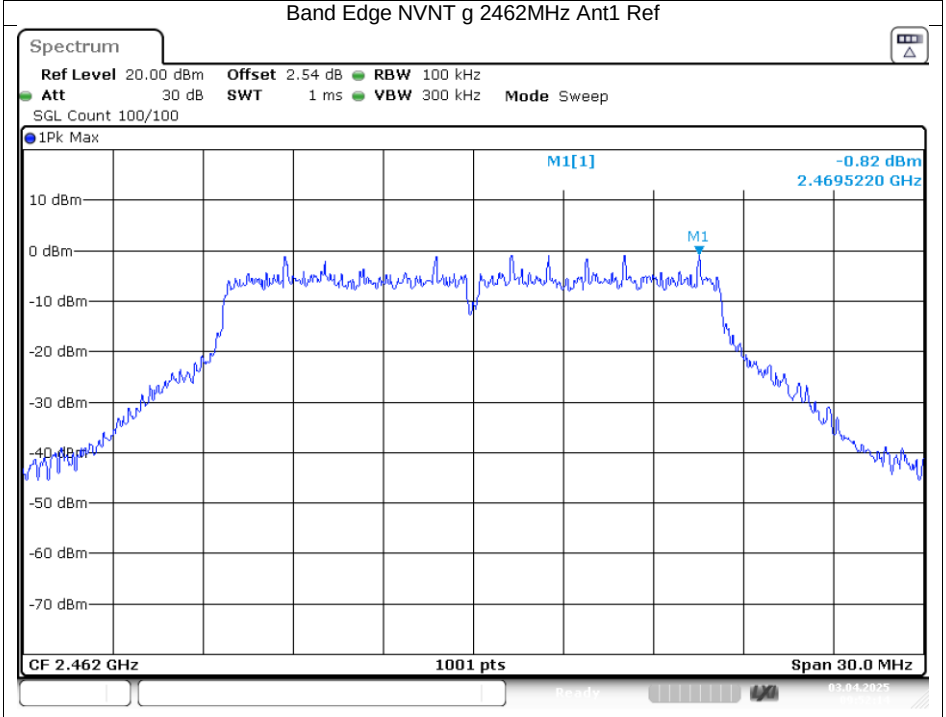
Date: 3.APR.2025 09:55:08

Band Edge NVNT g 2412MHz Ant1 Emission



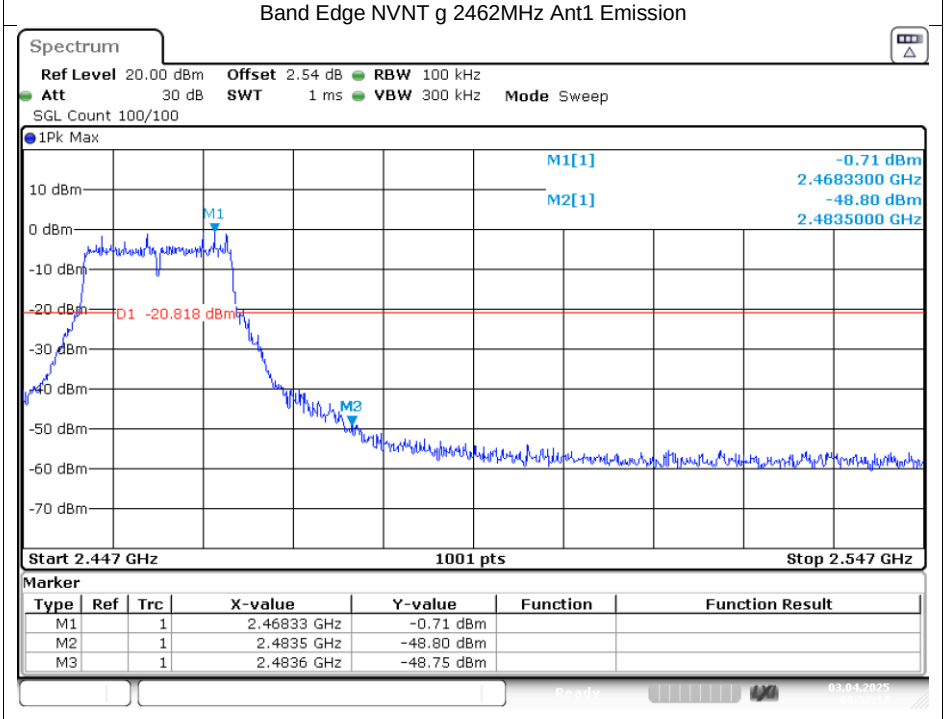
Date: 3.APR.2025 09:55:11

Band Edge NVNT g 2462MHz Ant1 Ref



Date: 3.APR.2025 09:52:14

Band Edge NVNT g 2462MHz Ant1 Emission

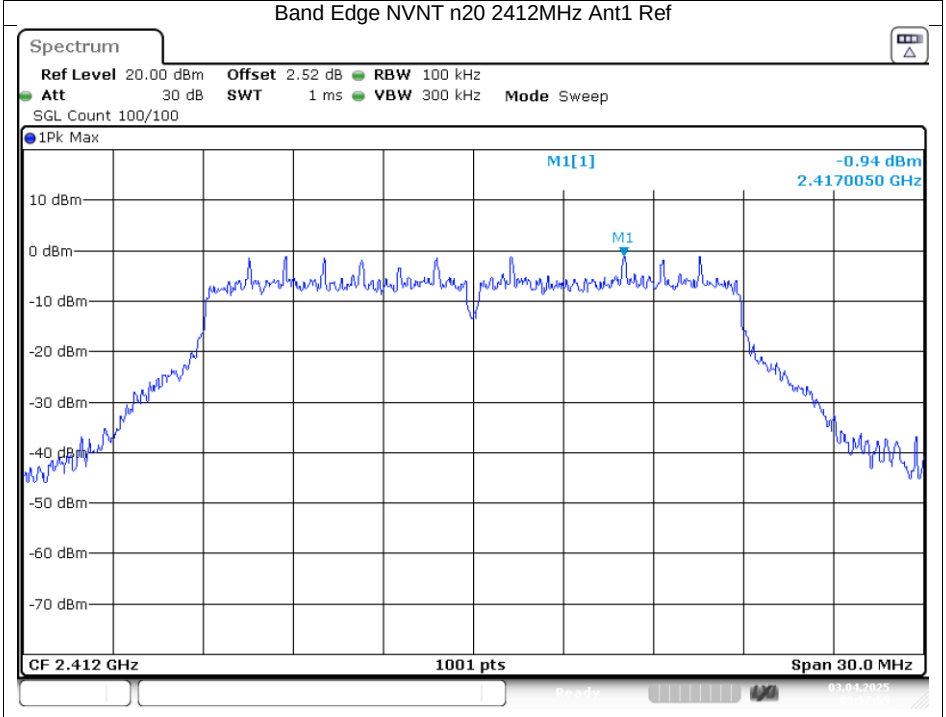


Marker

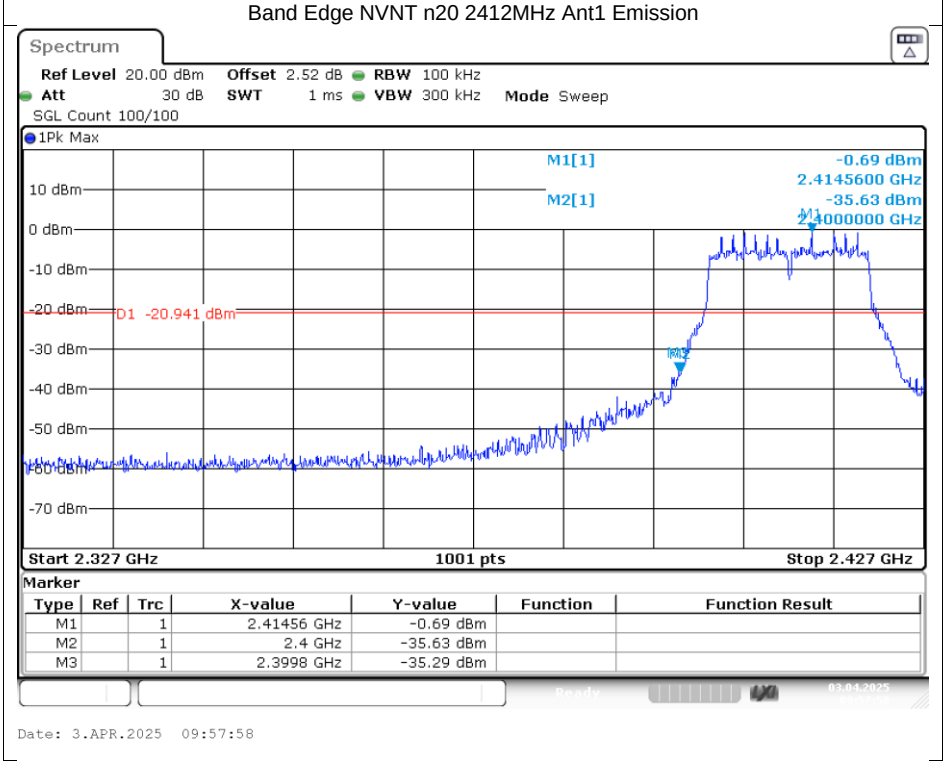
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46833 GHz	-0.71 dBm		
M2		1	2.4835 GHz	-48.80 dBm		
M3		1	2.4836 GHz	-48.75 dBm		

Date: 3.APR.2025 09:52:16

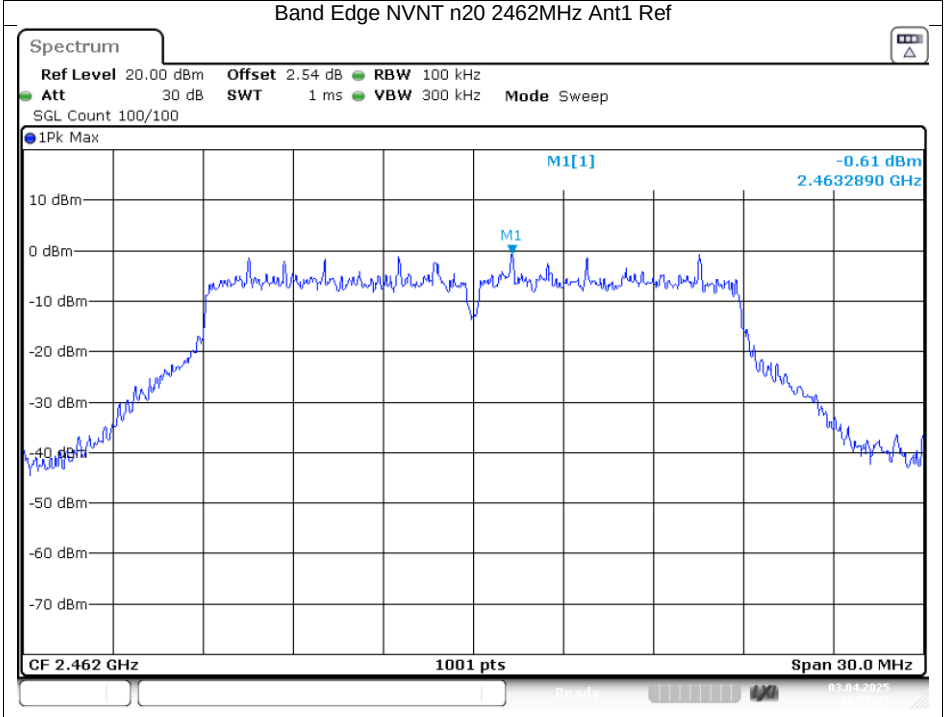
Band Edge NVNT n20 2412MHz Ant1 Ref



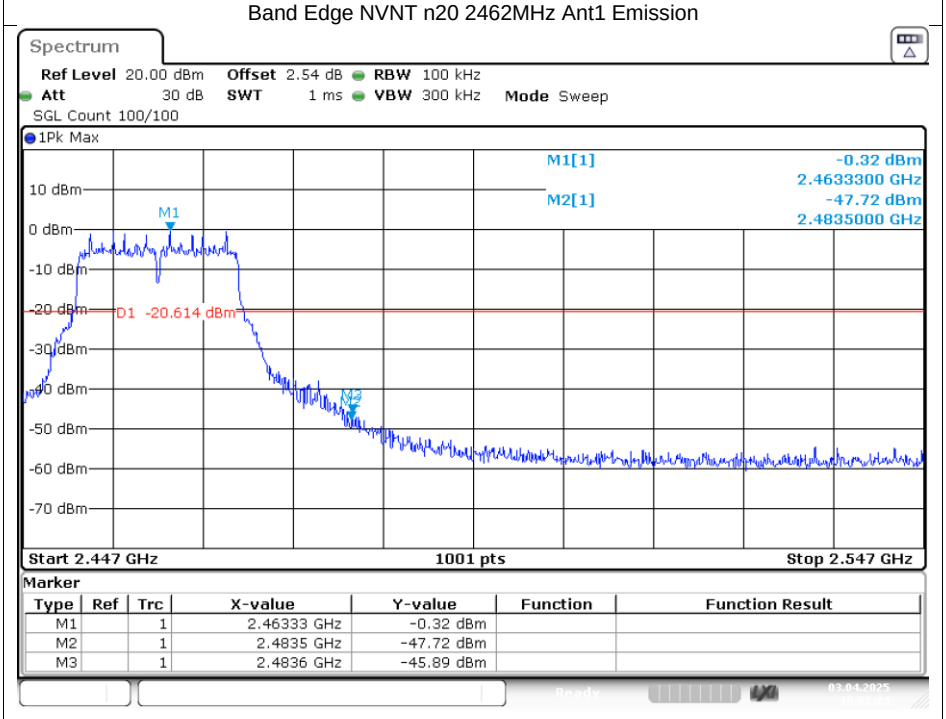
Band Edge NVNT n20 2412MHz Ant1 Emission



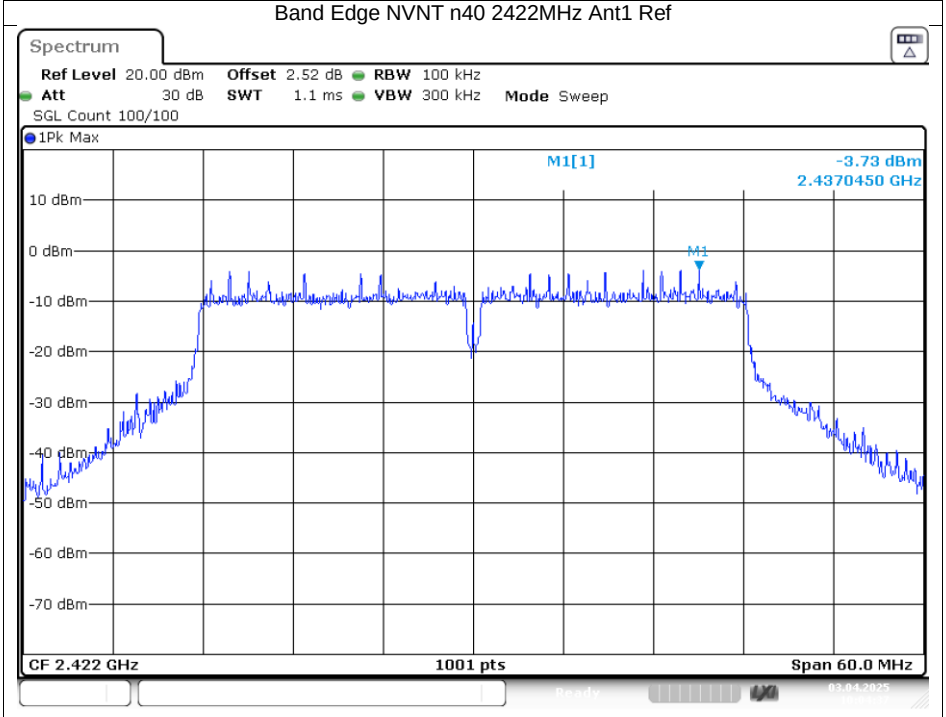
Band Edge NVNT n20 2462MHz Ant1 Ref



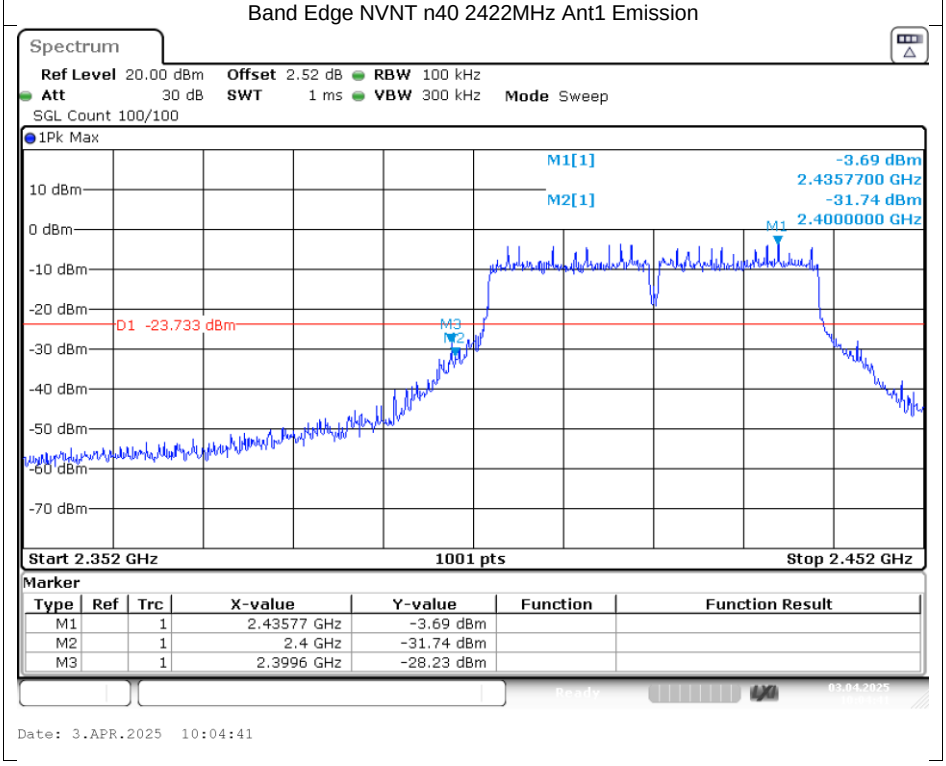
Band Edge NVNT n20 2462MHz Ant1 Emission



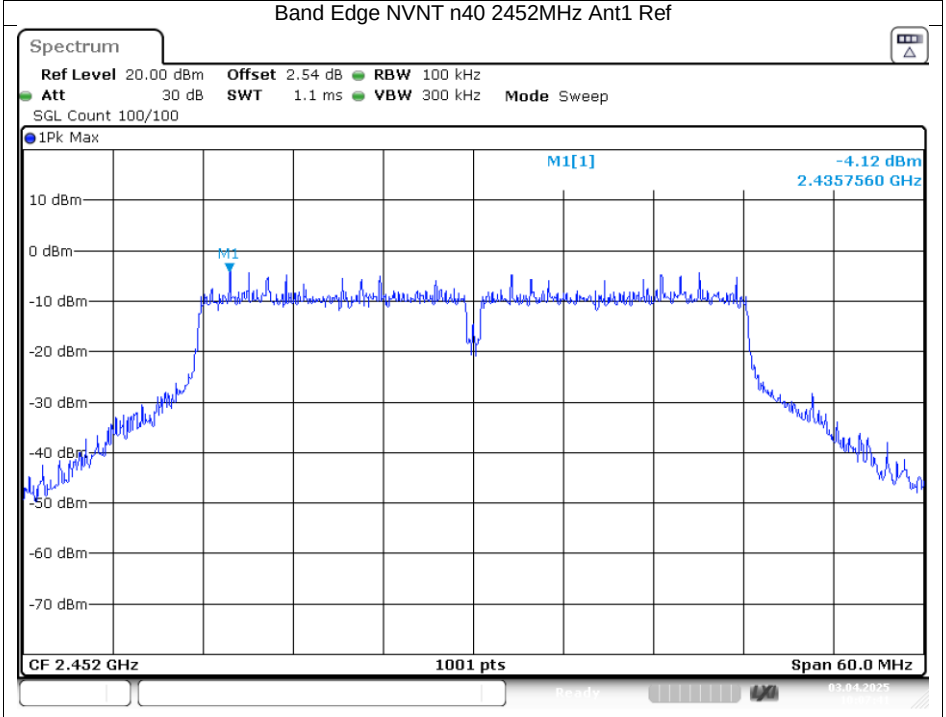
Band Edge NVNT n40 2422MHz Ant1 Ref



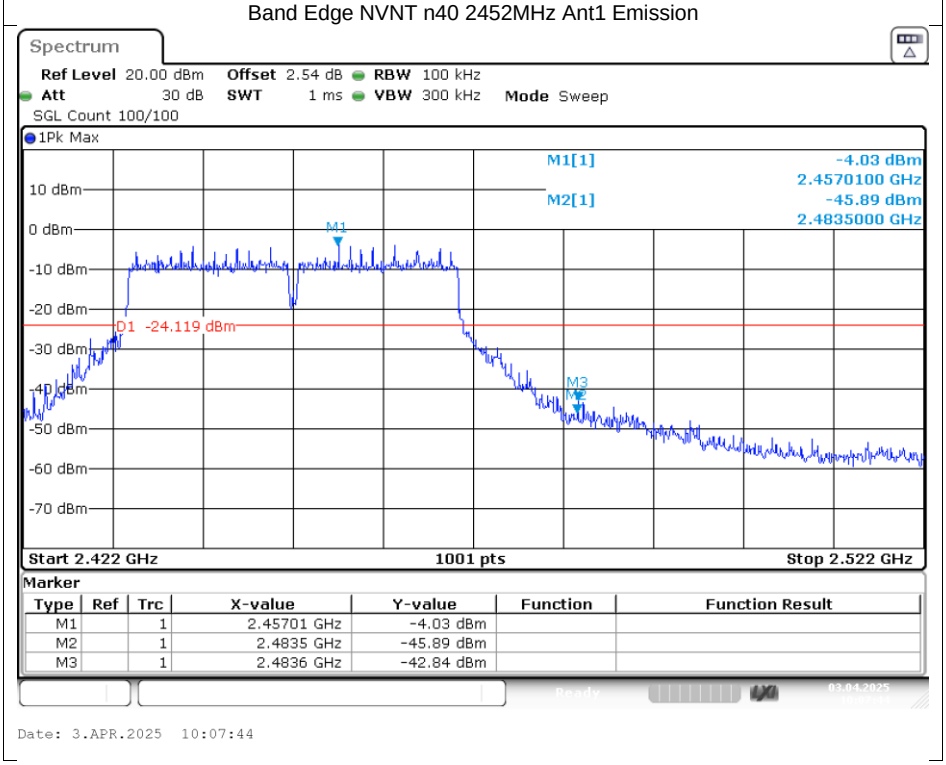
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission

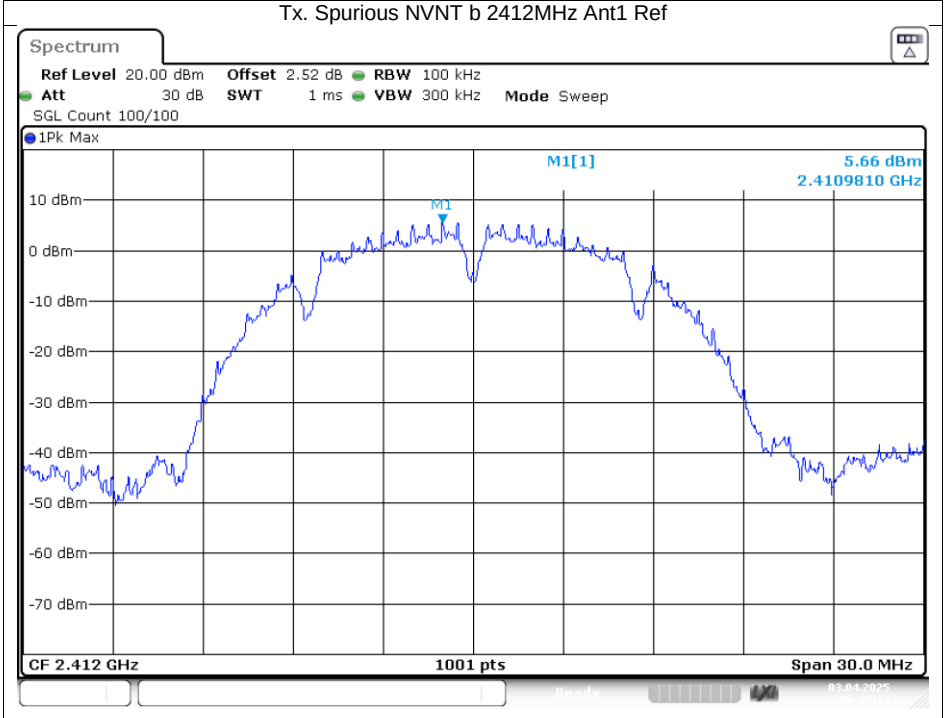


Conducted RF Spurious Emission

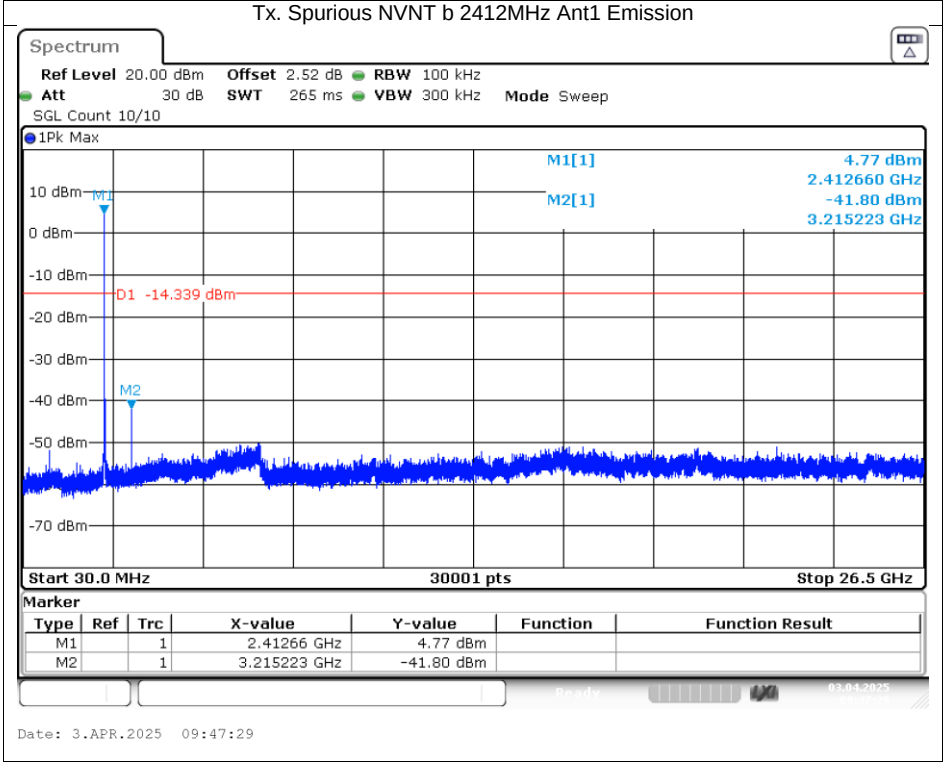
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.46	-20	Pass
NVNT	b	2437	Ant1	-46.56	-20	Pass
NVNT	b	2462	Ant1	-47.32	-20	Pass
NVNT	g	2412	Ant1	-39.73	-20	Pass
NVNT	g	2437	Ant1	-40.05	-20	Pass
NVNT	g	2462	Ant1	-41.1	-20	Pass
NVNT	n20	2412	Ant1	-39.78	-20	Pass
NVNT	n20	2437	Ant1	-40.28	-20	Pass
NVNT	n20	2462	Ant1	-41.61	-20	Pass
NVNT	n40	2422	Ant1	-37.17	-20	Pass
NVNT	n40	2437	Ant1	-37.35	-20	Pass
NVNT	n40	2452	Ant1	-37.36	-20	Pass

Test Graphs

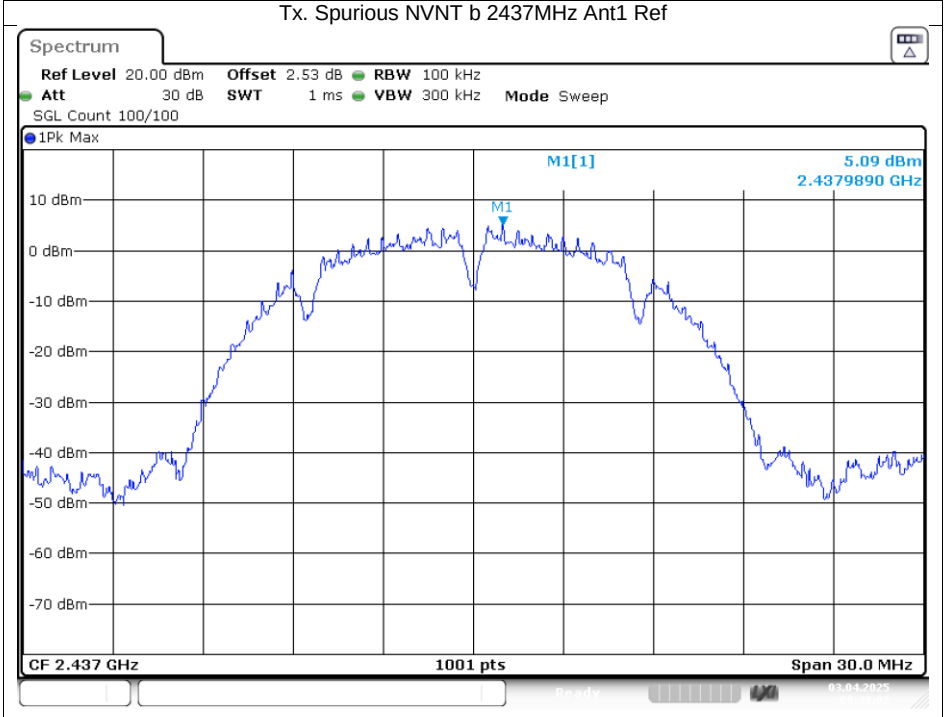
Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission

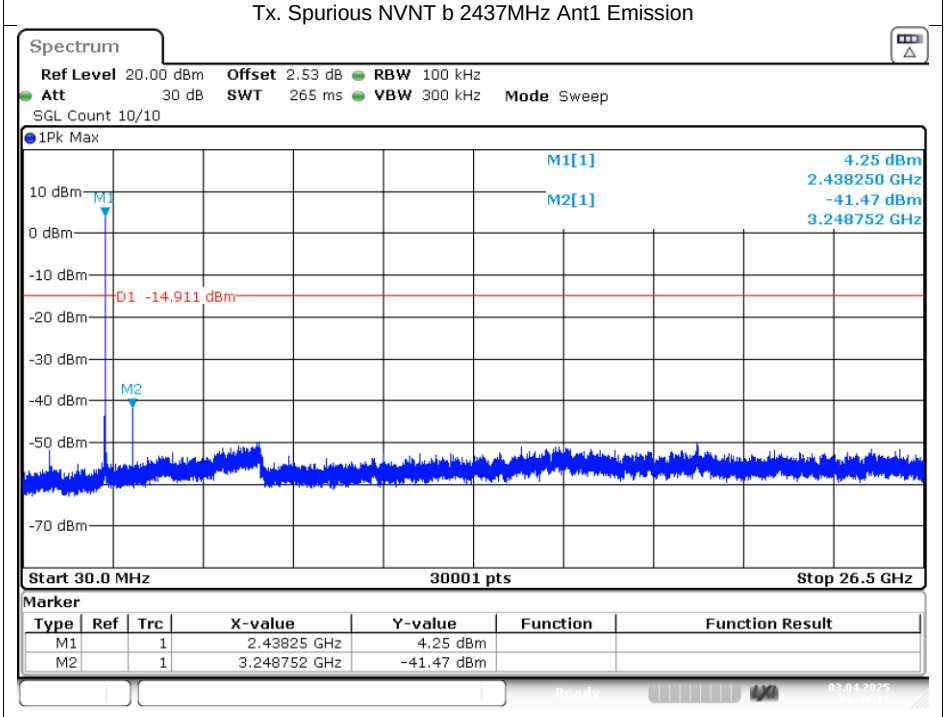


Tx. Spurious NVNT b 2437MHz Ant1 Ref



Date: 3.APR.2025 09:49:01

Tx. Spurious NVNT b 2437MHz Ant1 Emission

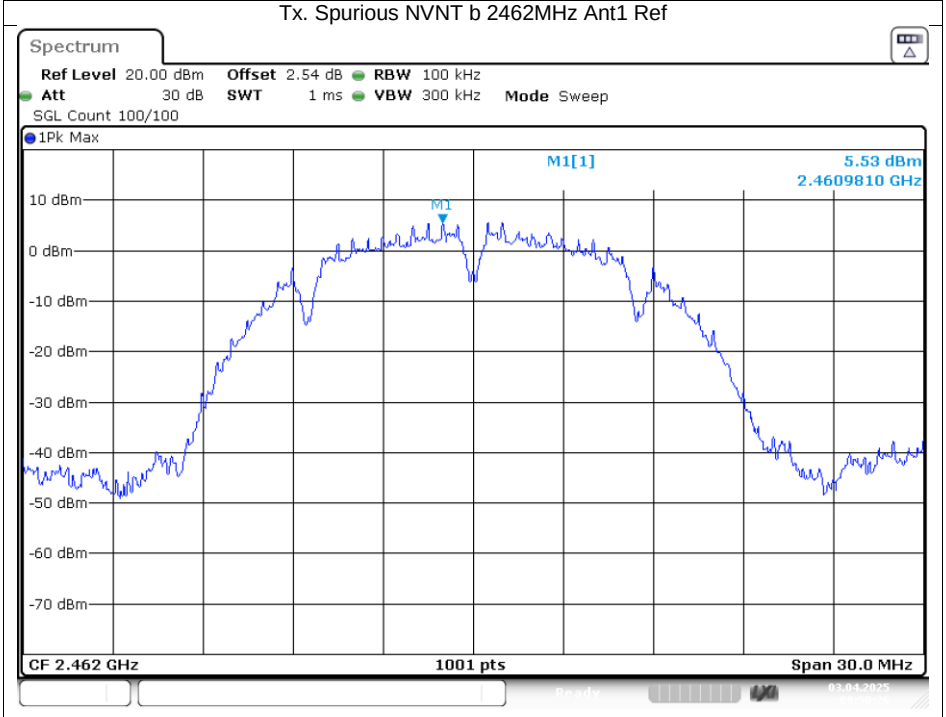


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.43825 GHz	4.25 dBm		
M2		1	3.248752 GHz	-41.47 dBm		

Date: 3.APR.2025 09:49:16

Tx. Spurious NVNT b 2462MHz Ant1 Ref



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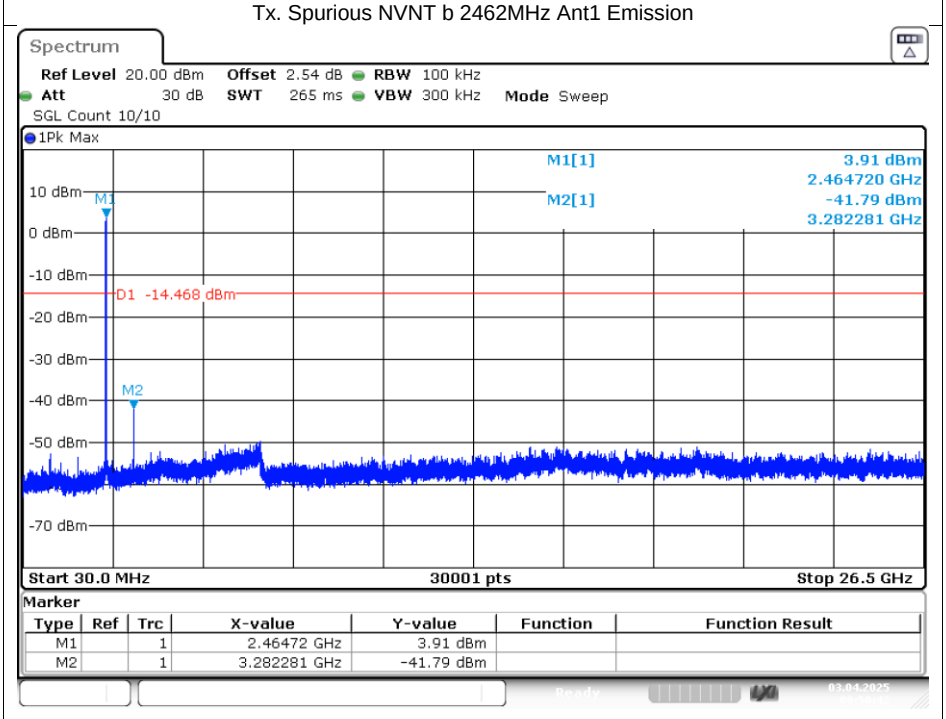
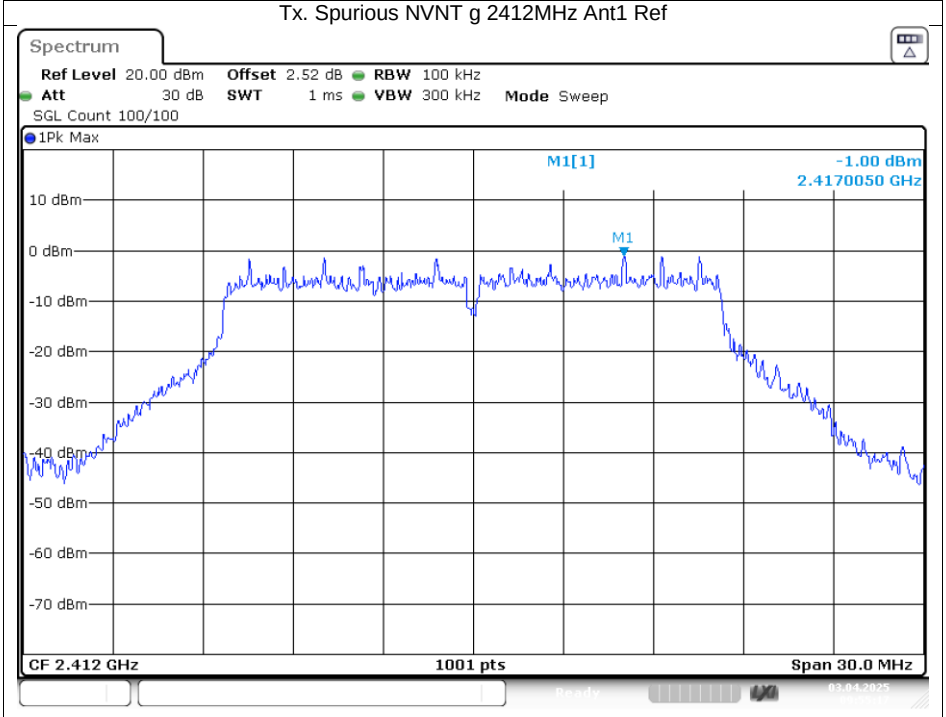
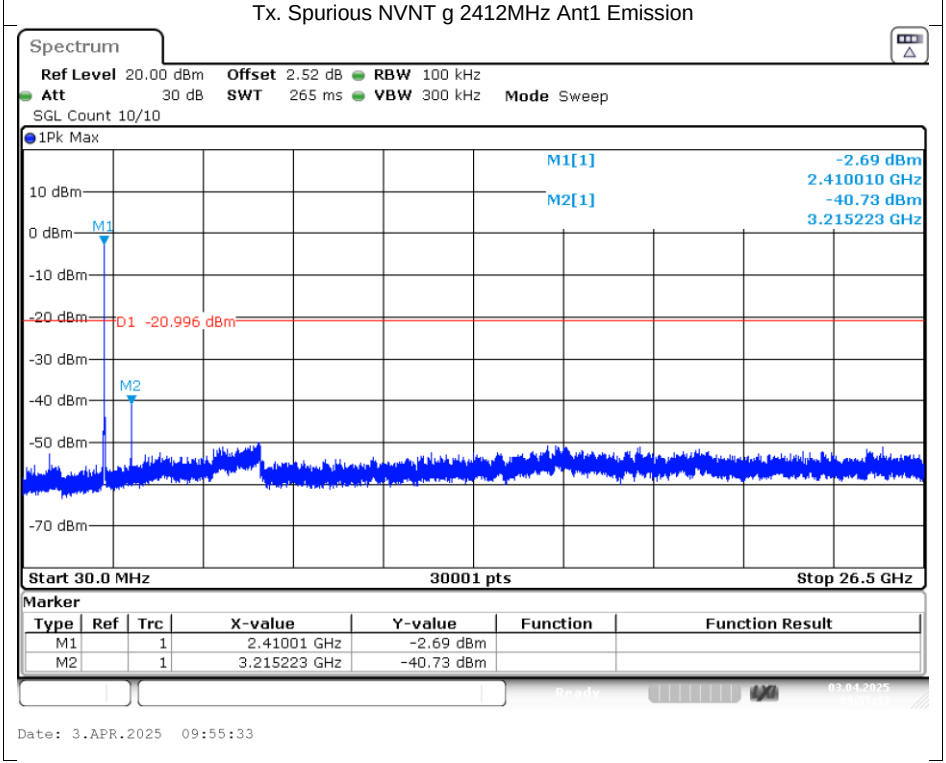


Date: 3.APR.2025 09:50:42

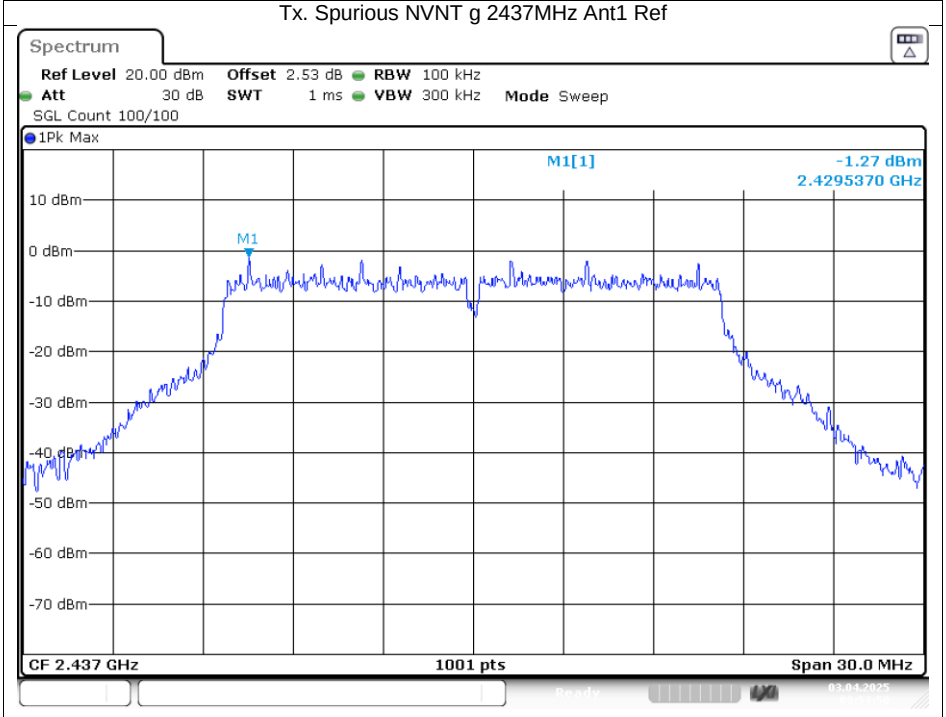
Tx. Spurious NVNT g 2412MHz Ant1 Ref



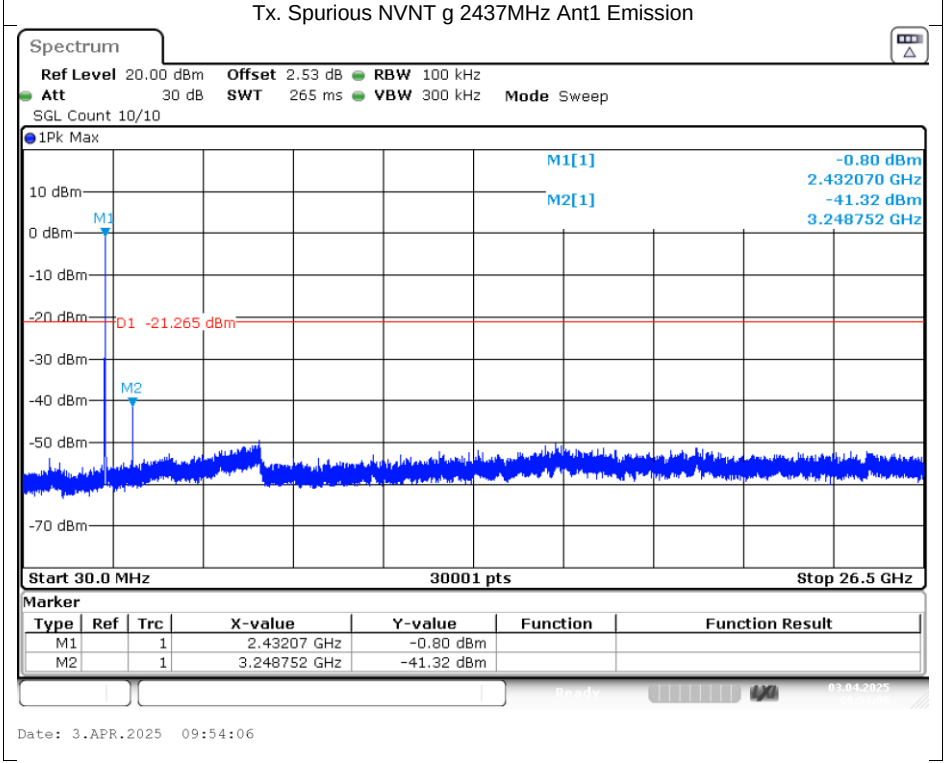
Tx. Spurious NVNT g 2412MHz Ant1 Emission



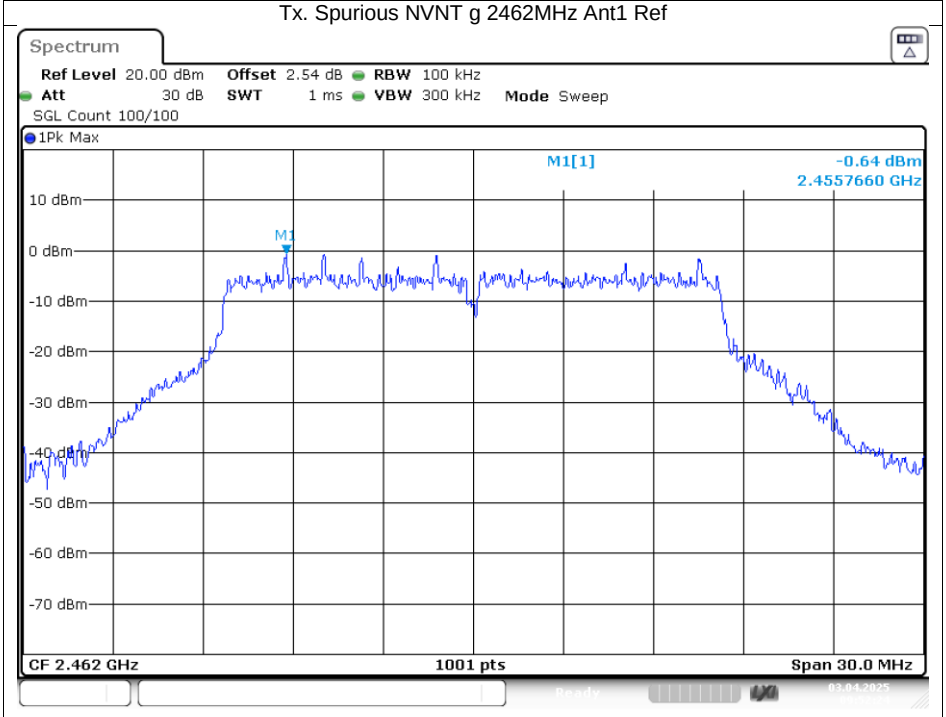
Tx. Spurious NVNT g 2437MHz Ant1 Ref



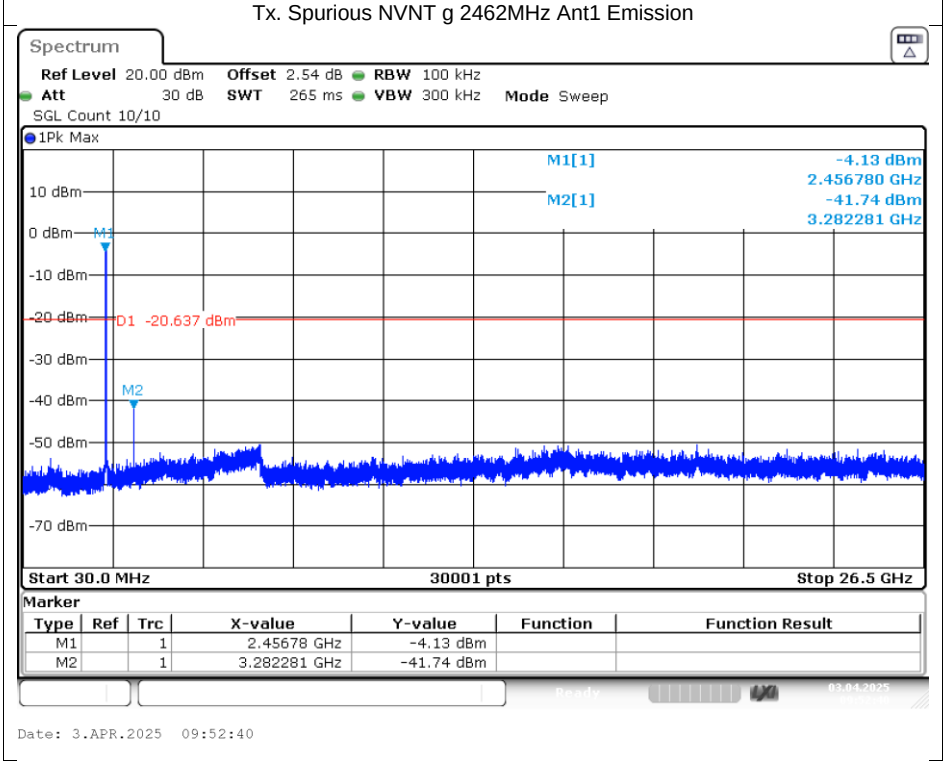
Tx. Spurious NVNT g 2437MHz Ant1 Emission



Tx. Spurious NVNT g 2462MHz Ant1 Ref



Tx. Spurious NVNT g 2462MHz Ant1 Emission



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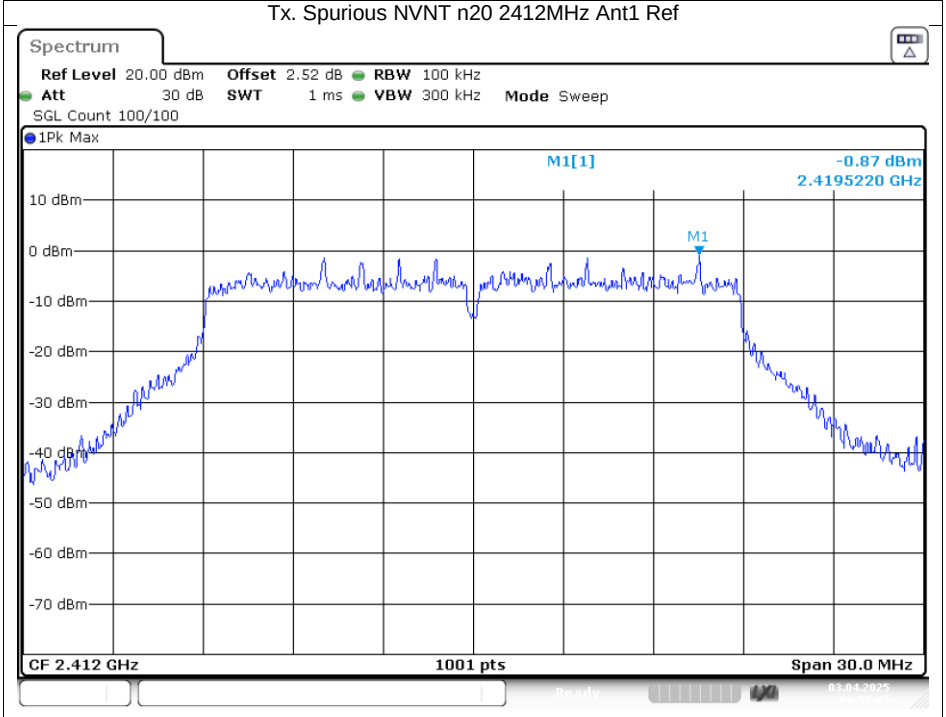
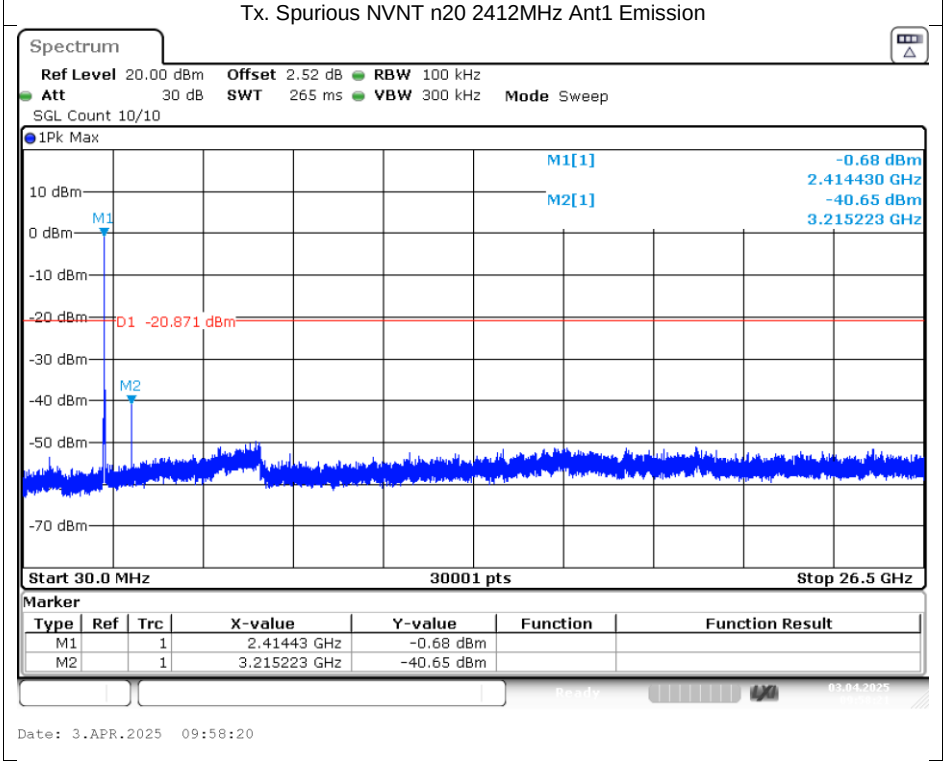


Tx. Spurious NVNT n20 2412MHz Ant1 Emission



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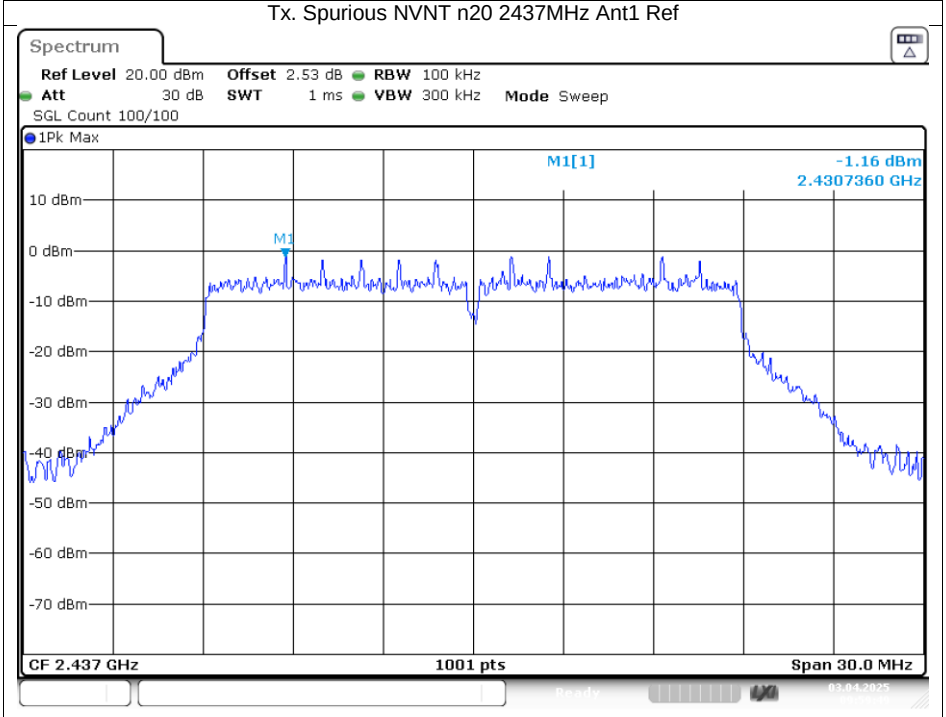

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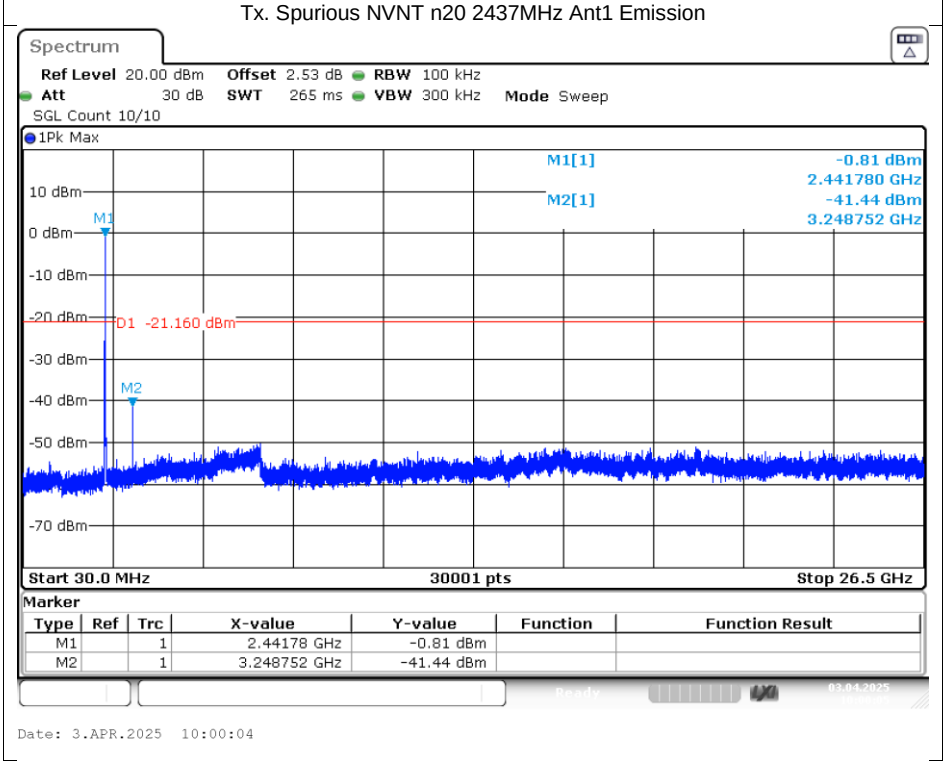

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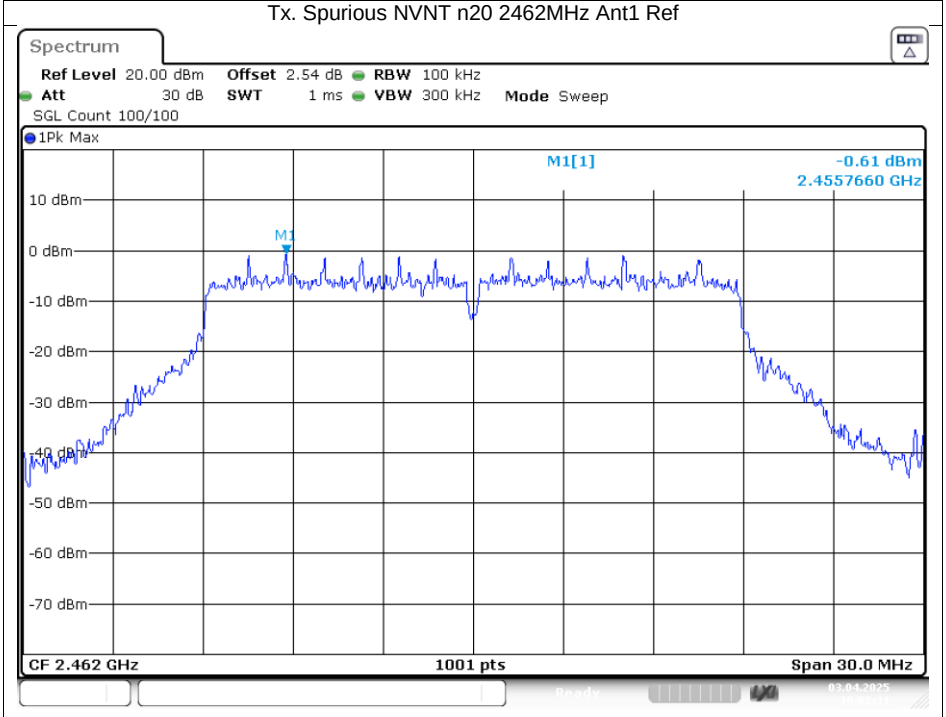
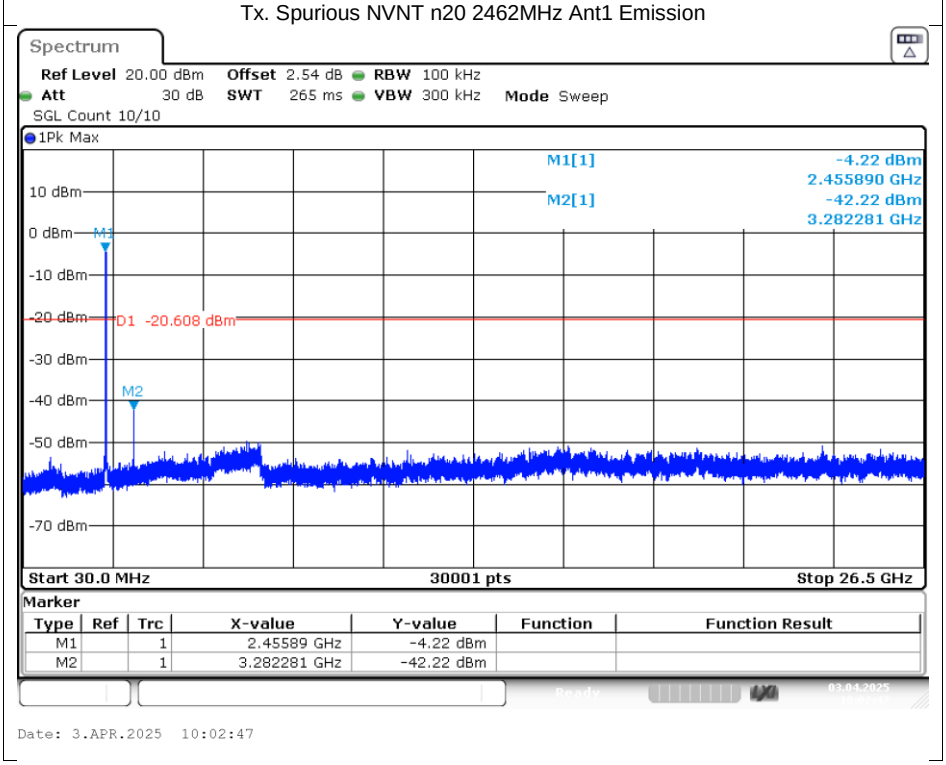
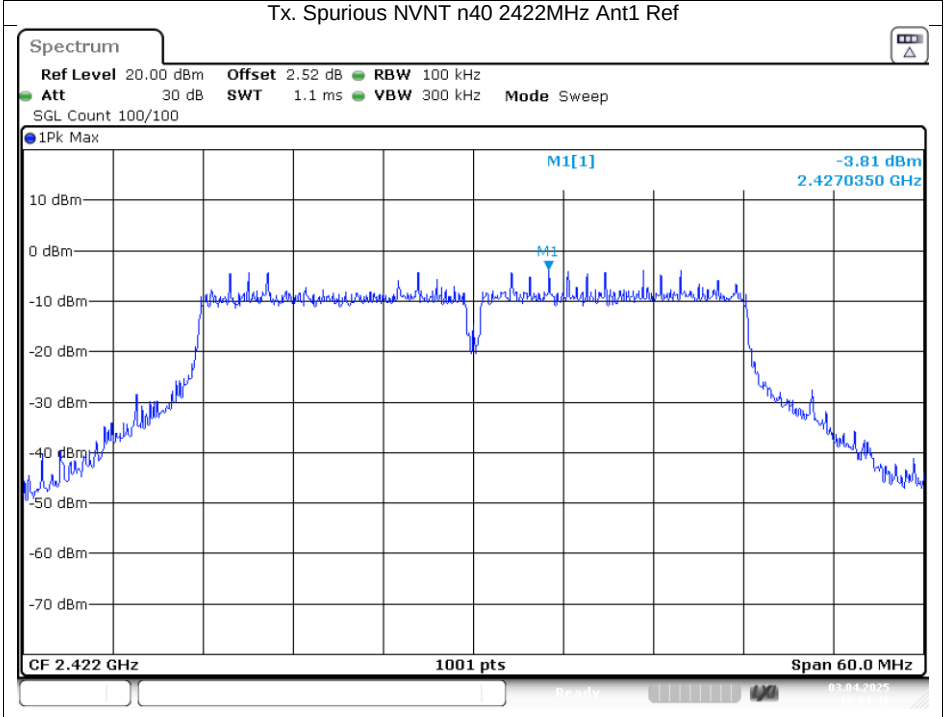


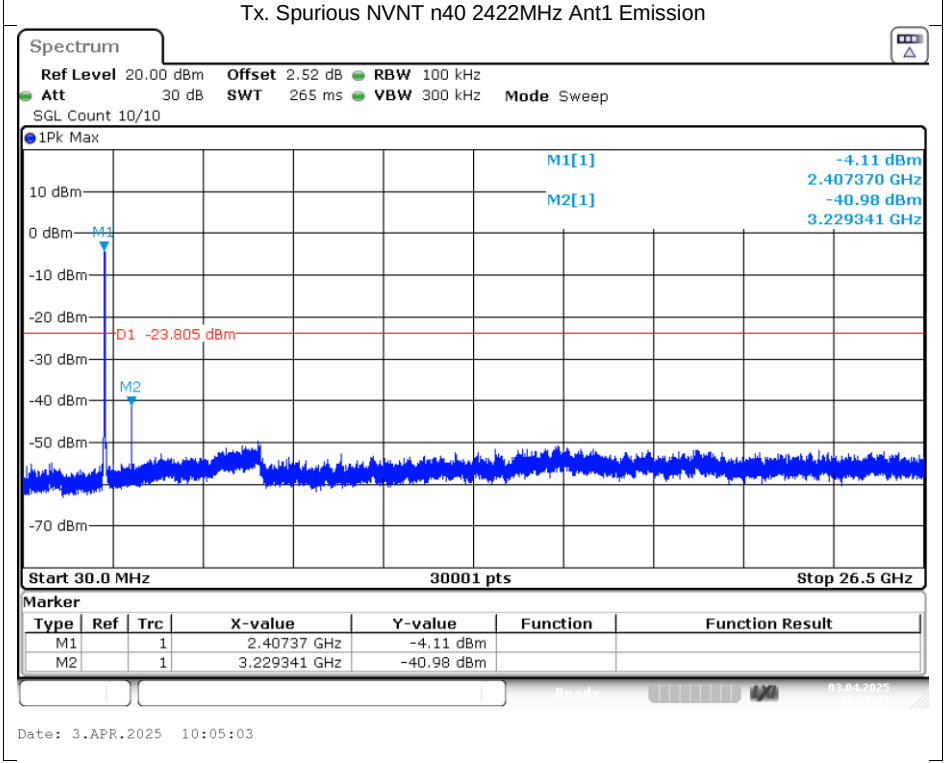
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



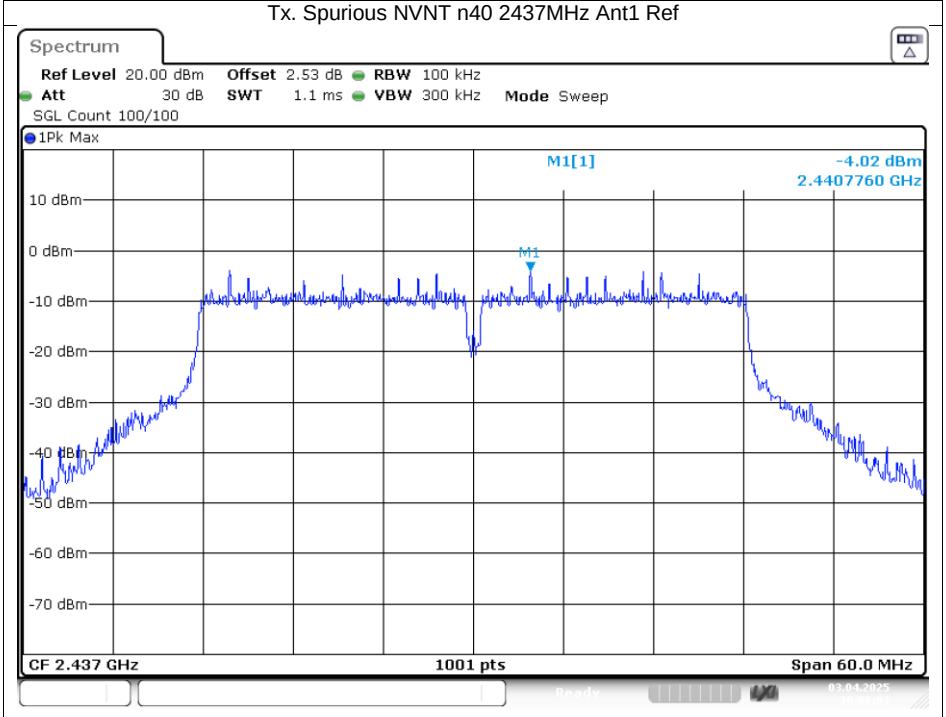
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



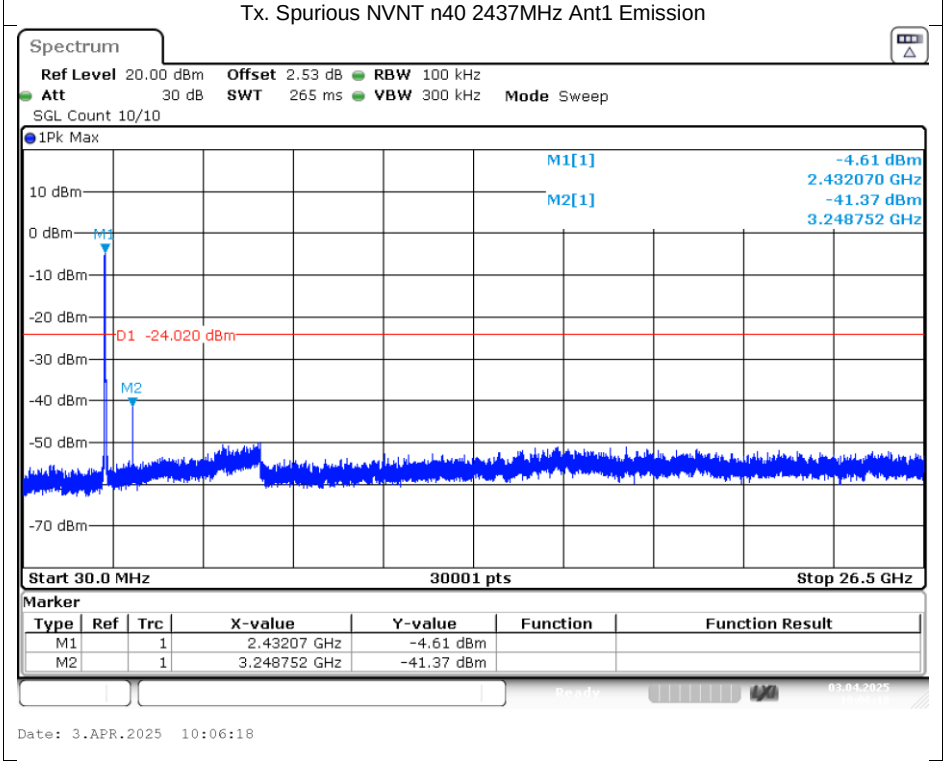
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



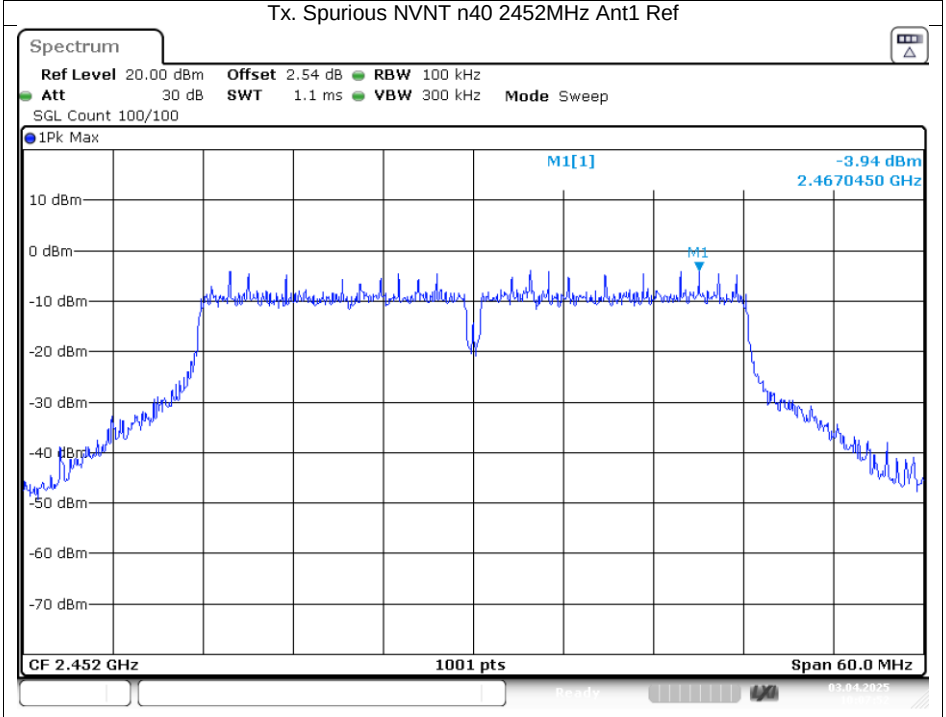
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



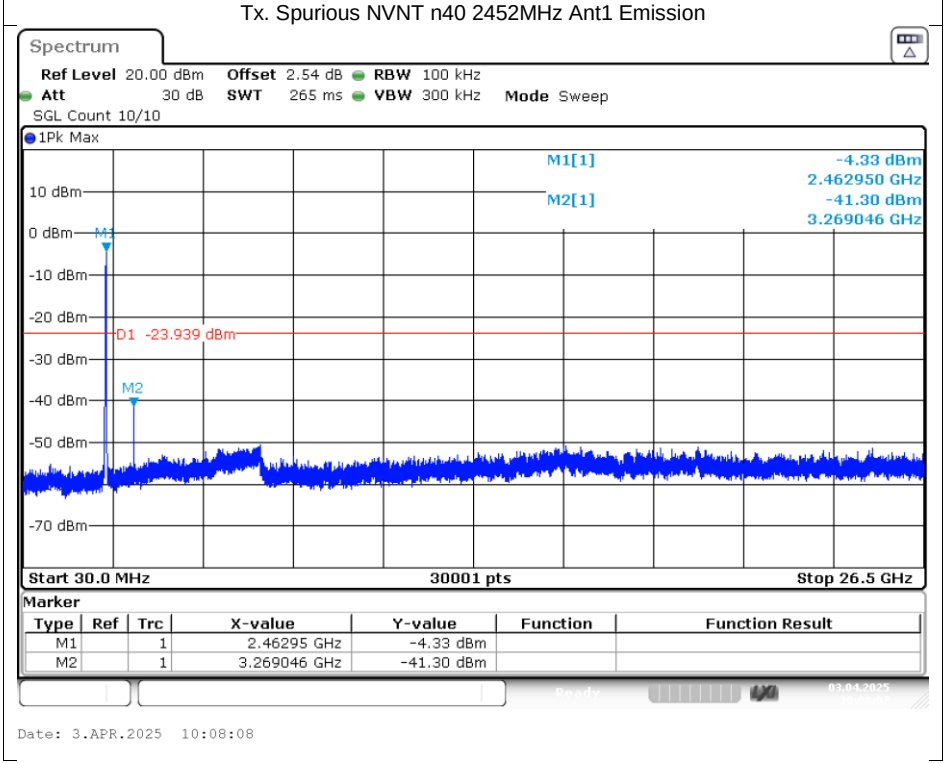
Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission



END OF REPORT