

GTSL2025020052F04

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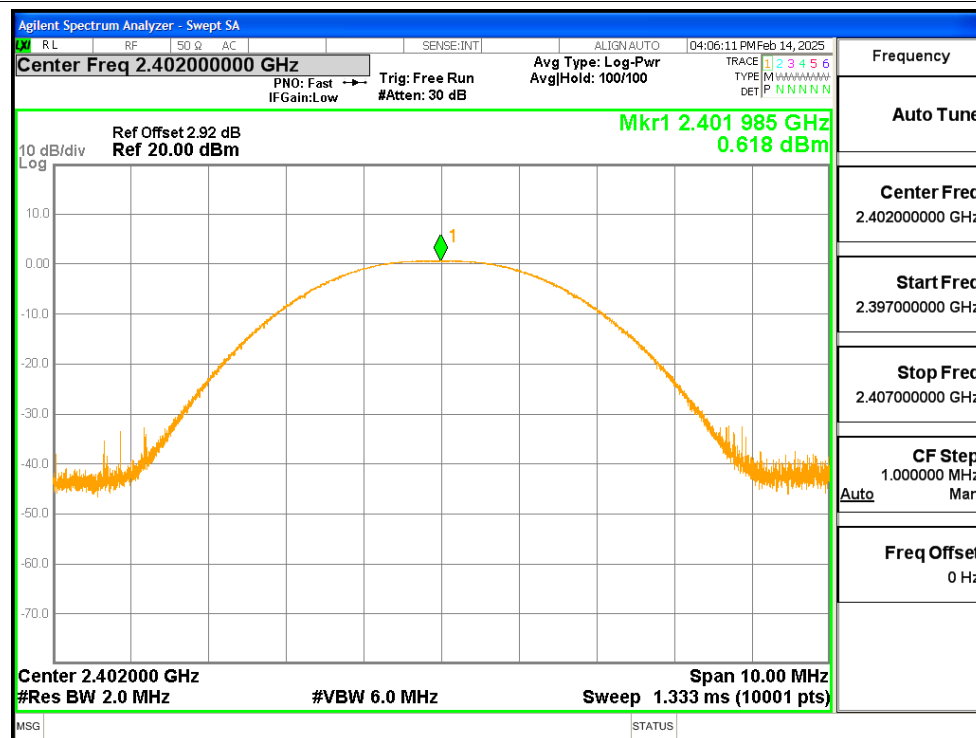
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.62	0	0.62	21	Pass
		2441		0.76	0	0.76	21	Pass
		2480		0.92	0	0.92	21	Pass
	2-DH5	2402		1.41	0	1.41	21	Pass
		2441		1.59	0	1.59	21	Pass
		2480		1.74	0	1.74	21	Pass
	3-DH5	2402		1.76	0	1.76	21	Pass
		2441		1.76	0	1.76	21	Pass
		2480		2.15	0	2.15	21	Pass

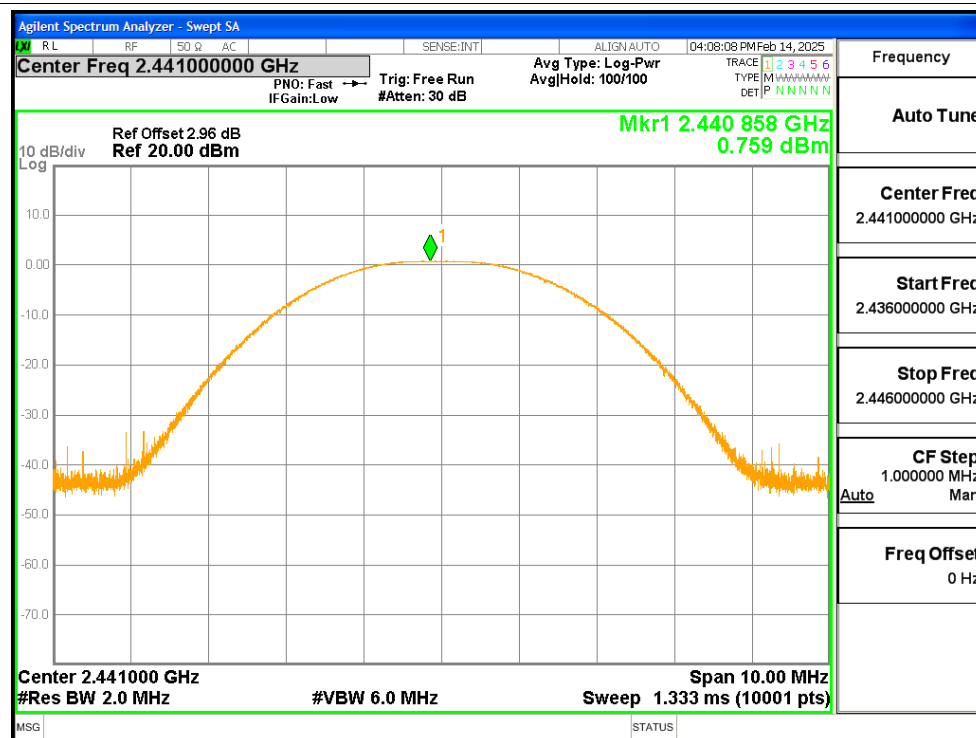
GTSL2025020052F04

Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

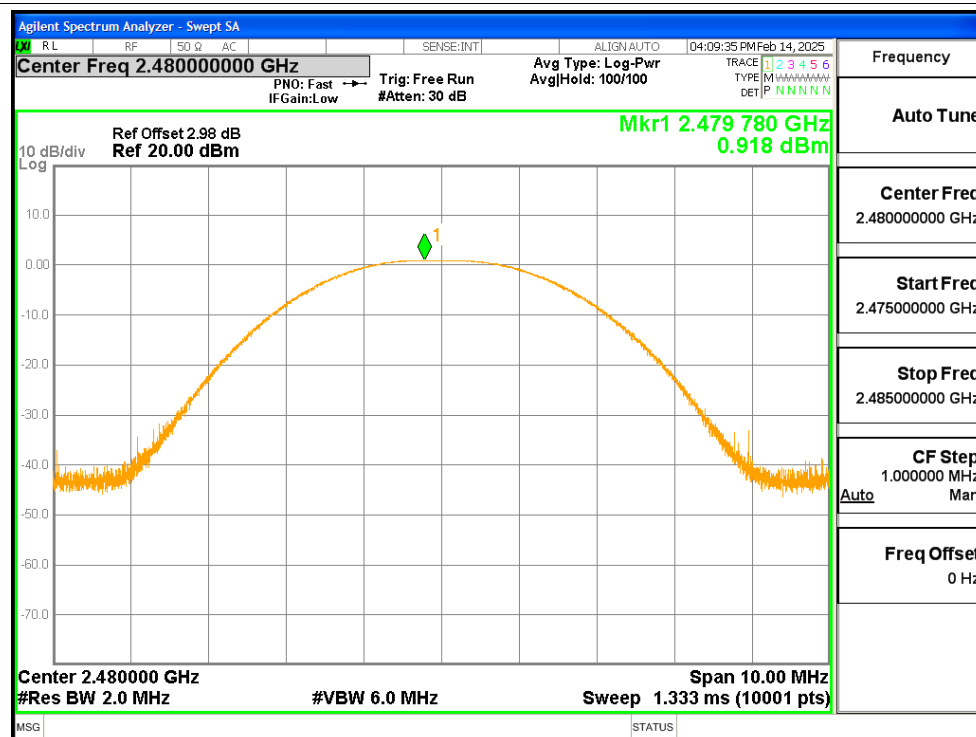


Power NVNT 1-DH5 2441MHz Ant1

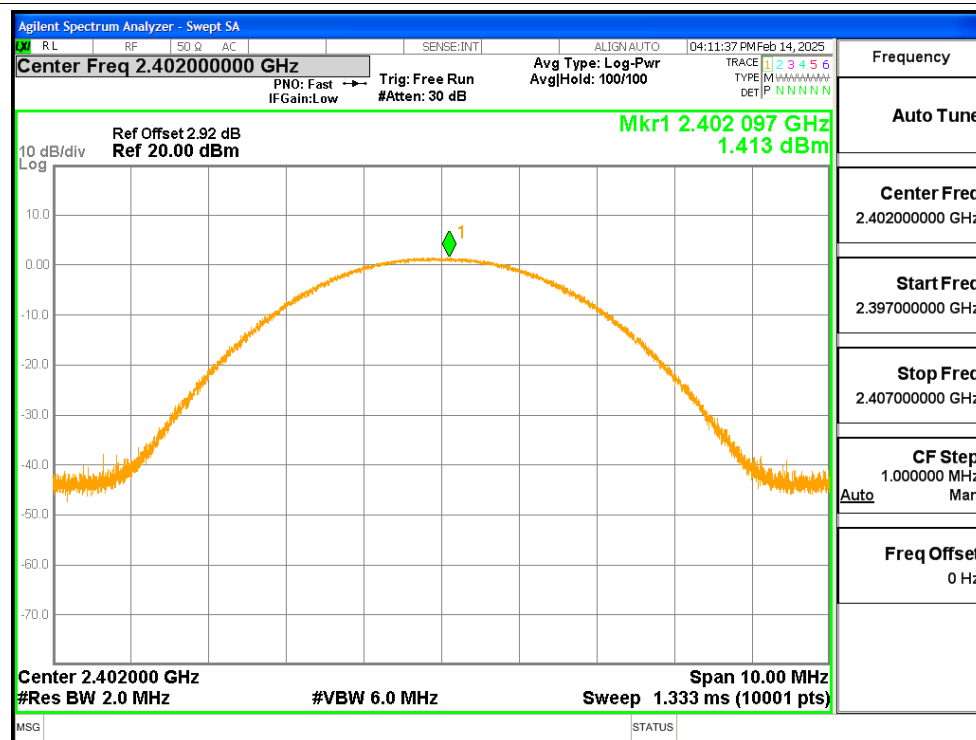


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Power NVNT 1-DH5 2480MHz Ant1

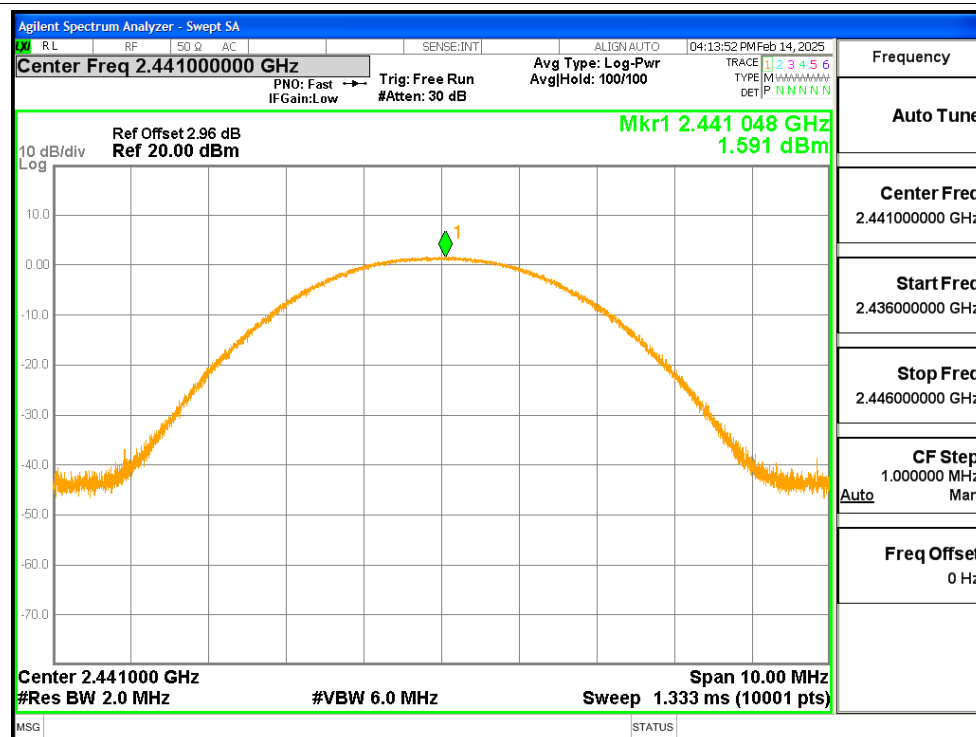


Power NVNT 2-DH5 2402MHz Ant1

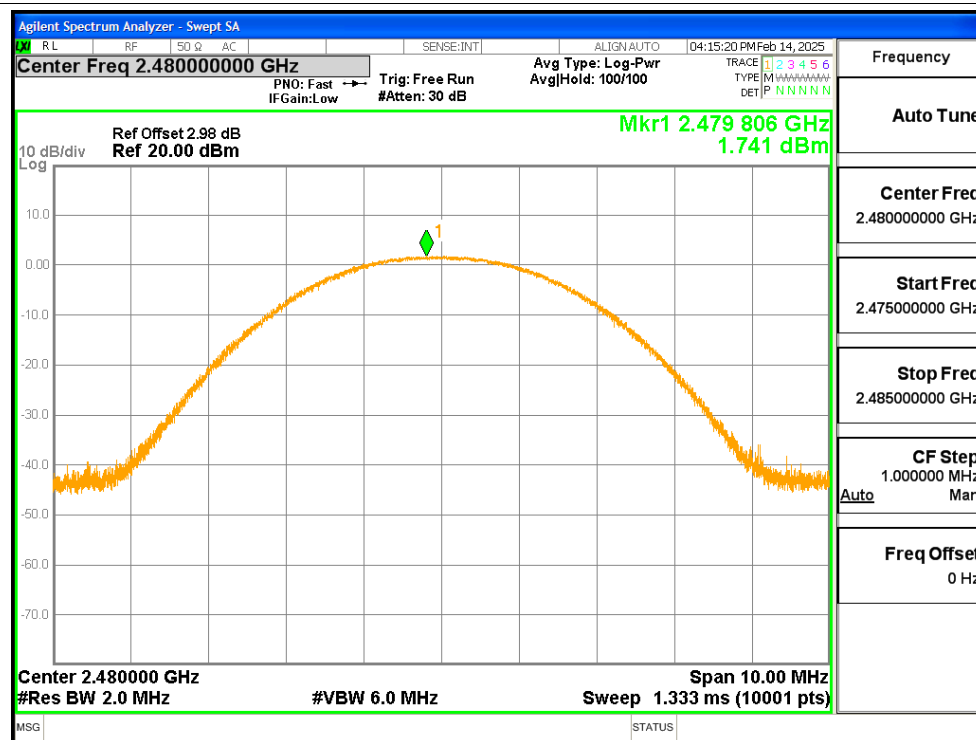


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Power NVNT 2-DH5 2441MHz Ant1

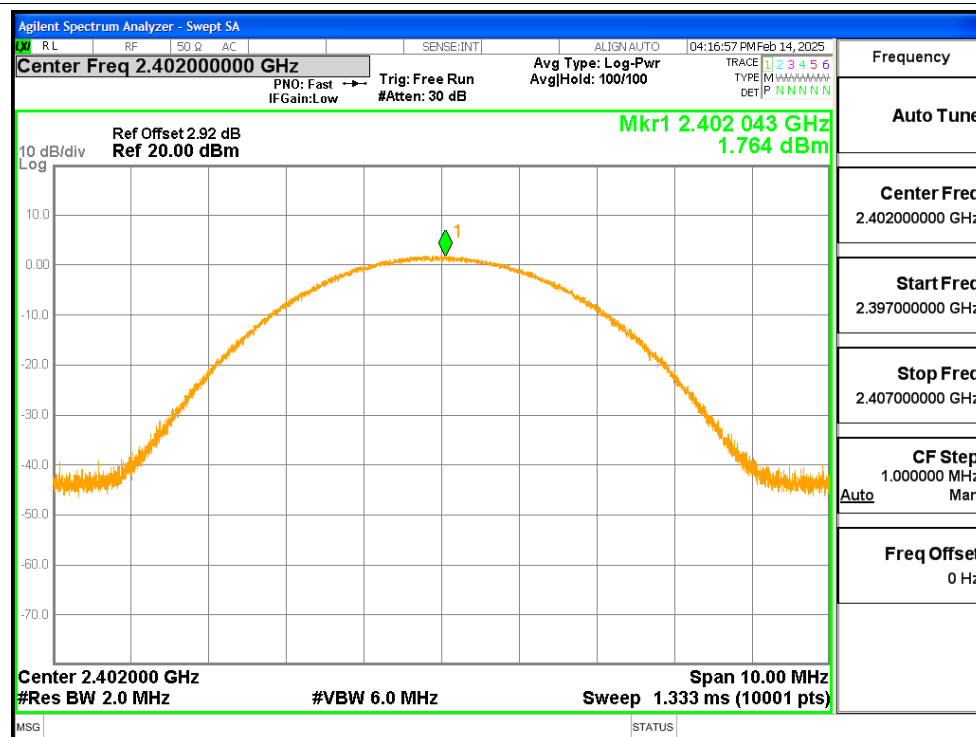


Power NVNT 2-DH5 2480MHz Ant1

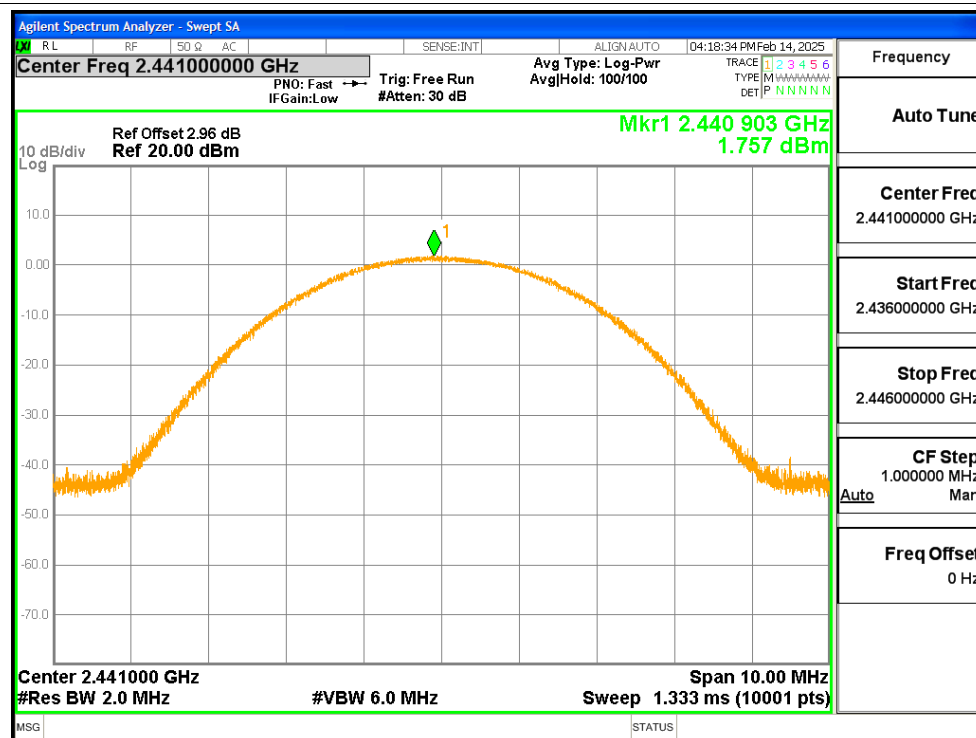


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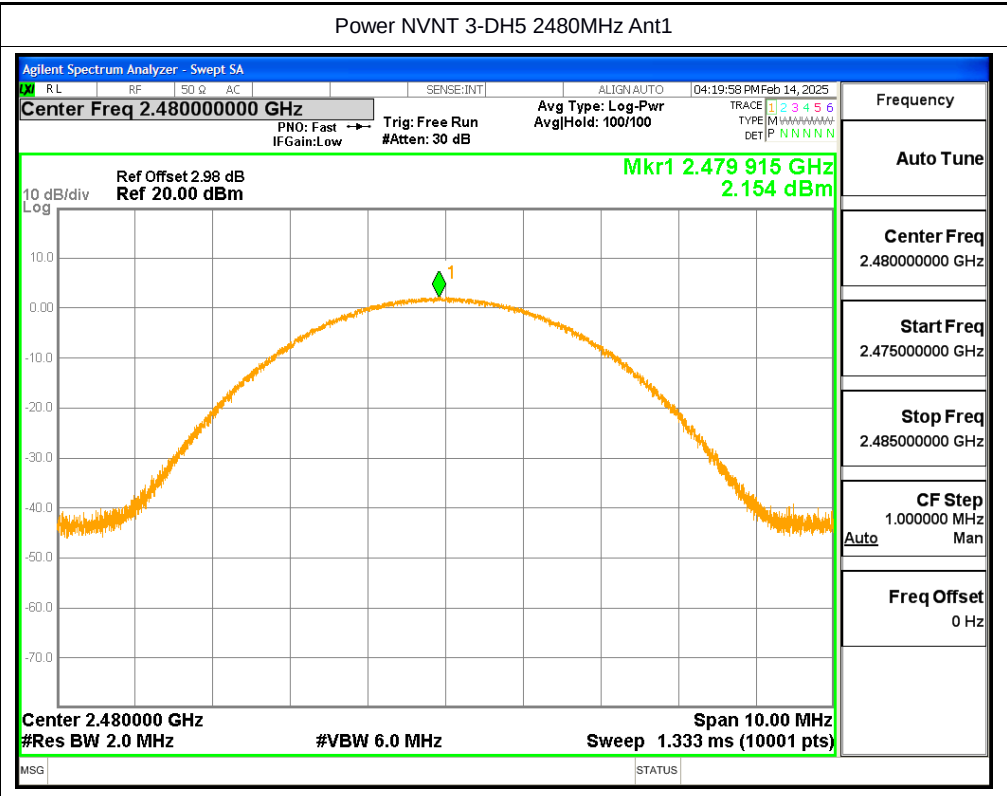
Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



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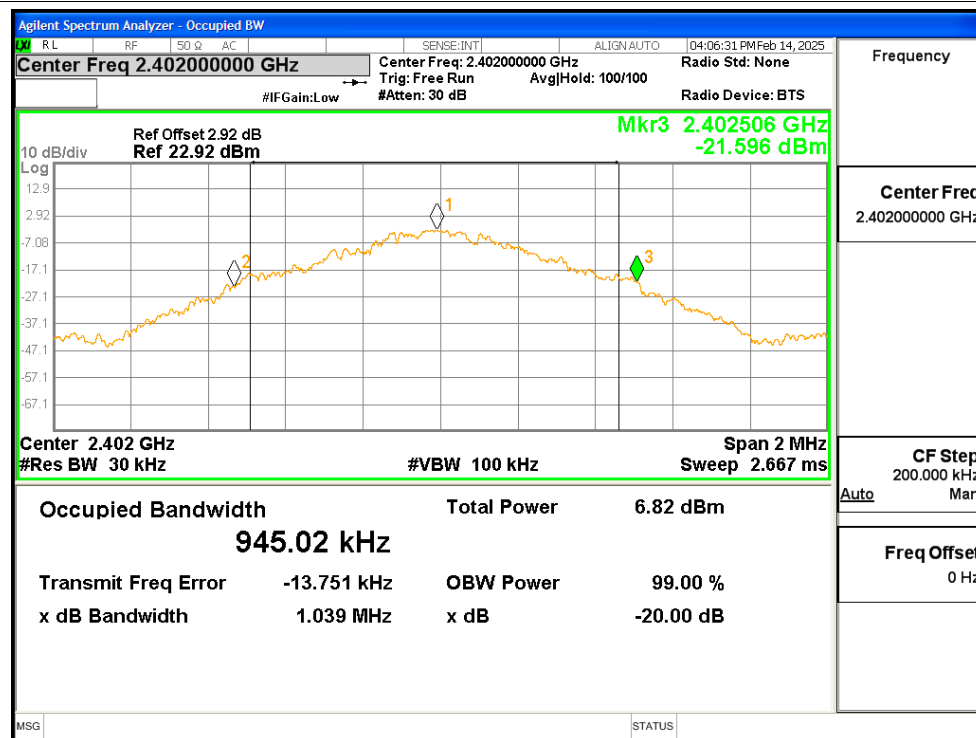
-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.039	0	Pass
		2441		1.04	0	Pass
		2480		1.037	0	Pass
	2-DH5	2402		1.323	0	Pass
		2441		1.325	0	Pass
		2480		1.332	0	Pass
	3-DH5	2402		1.292	0	Pass
		2441		1.296	0	Pass
		2480		1.282	0	Pass

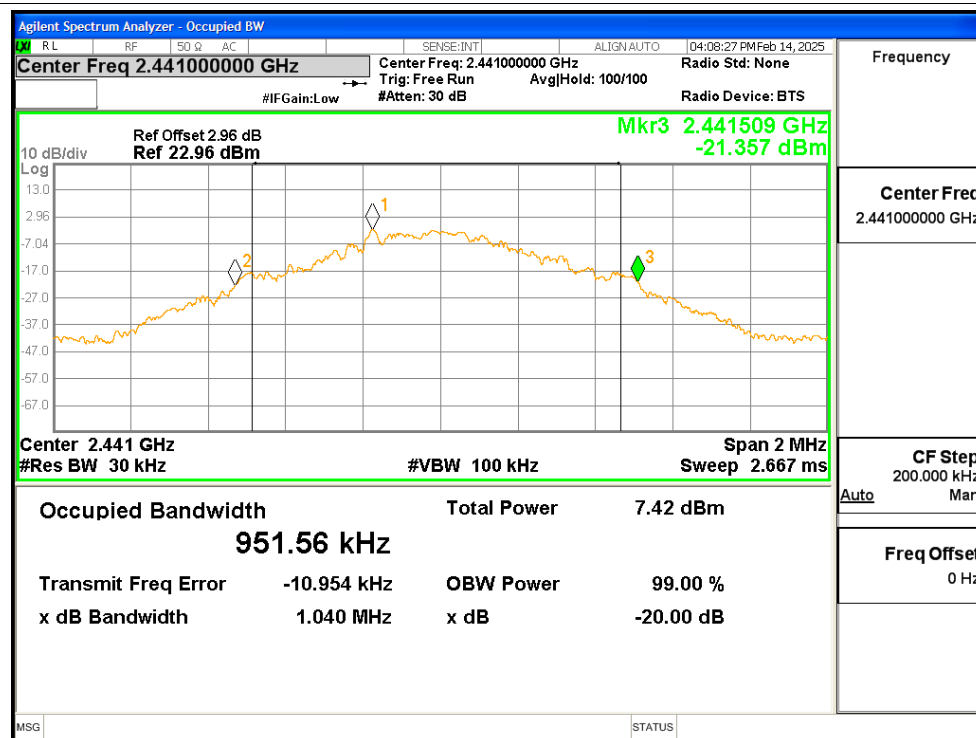
GTSL2025020052F04

Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

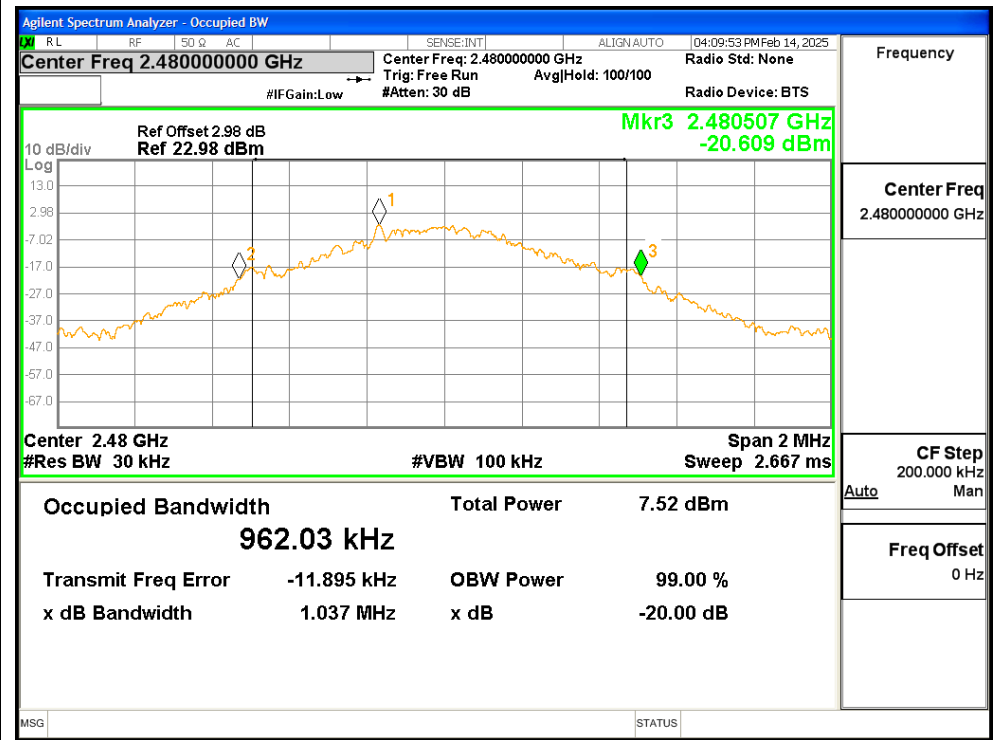


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

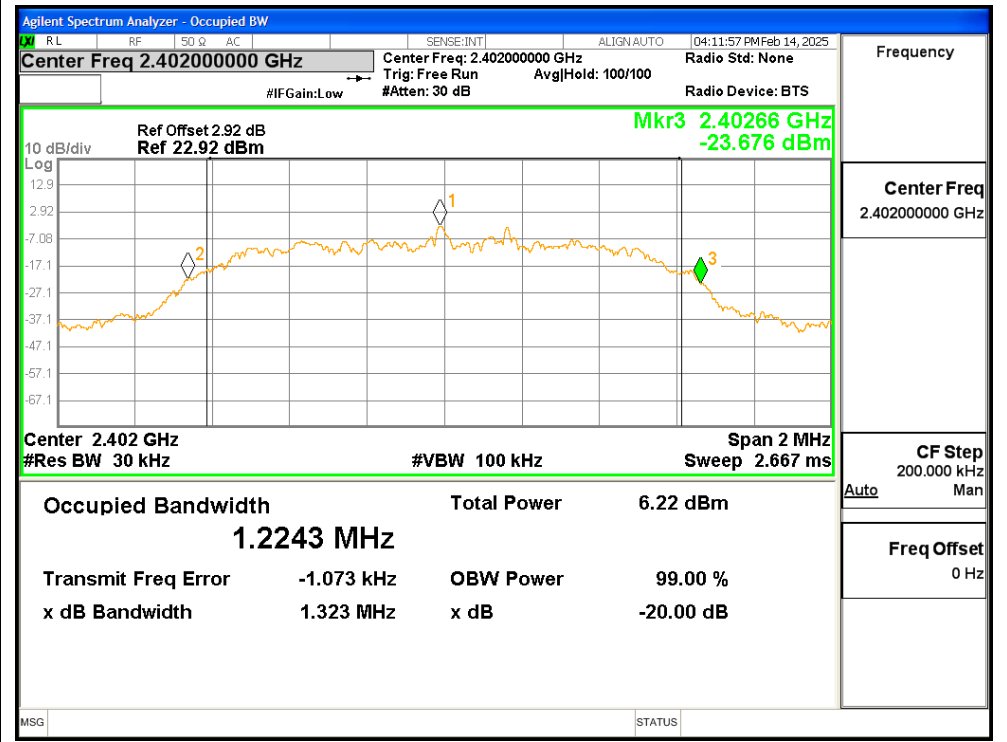


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-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

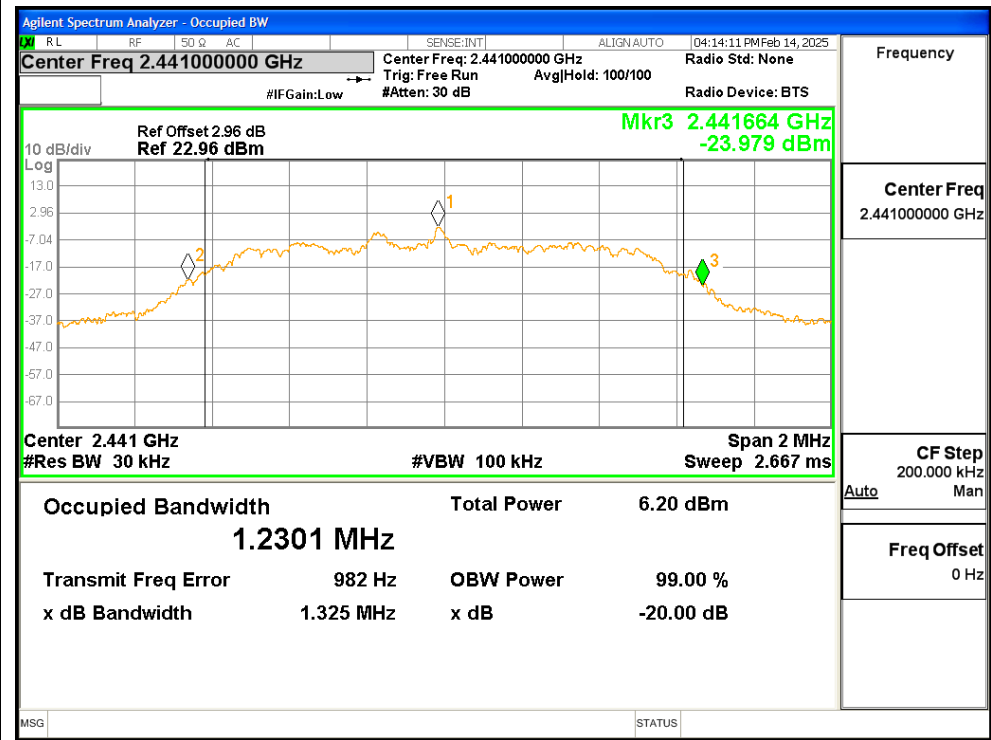


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

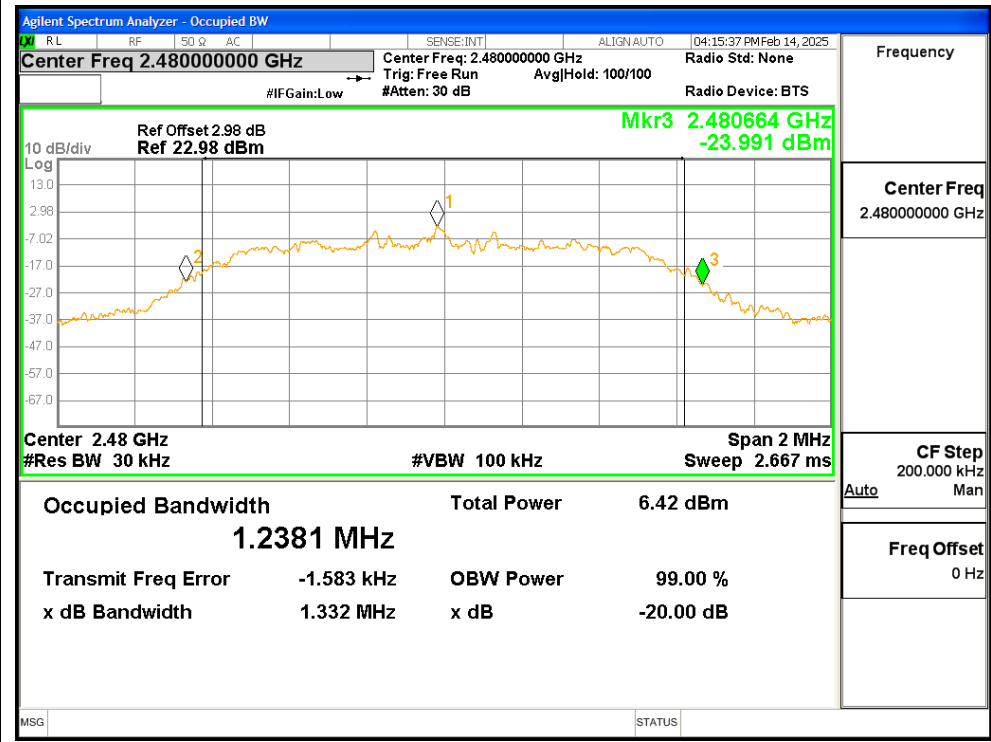


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-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

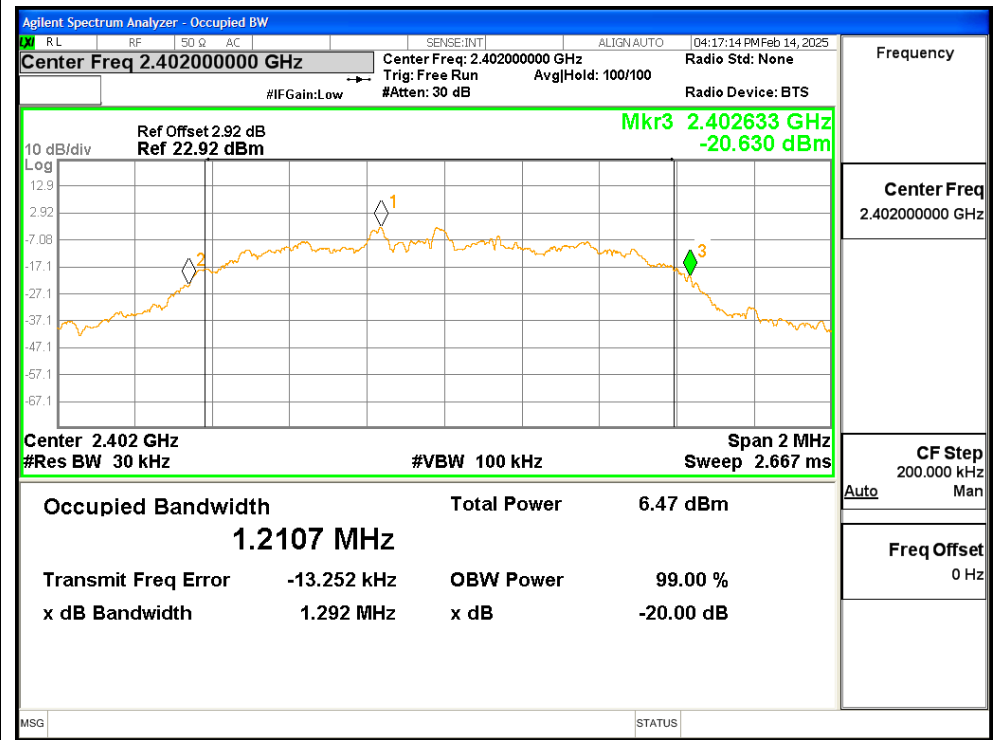


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

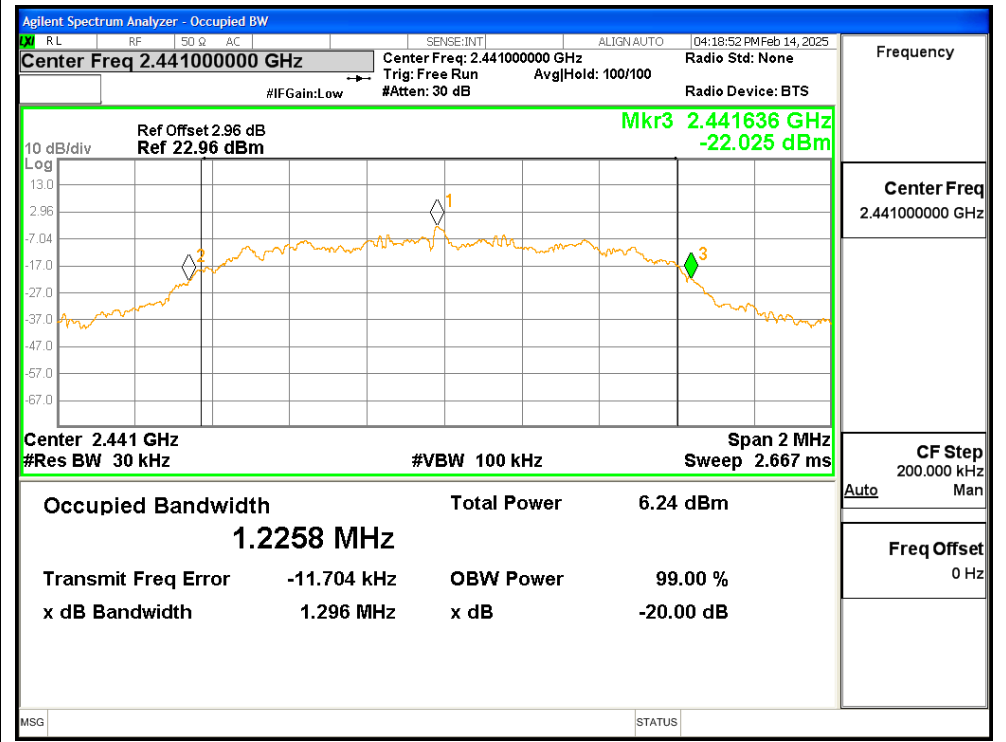


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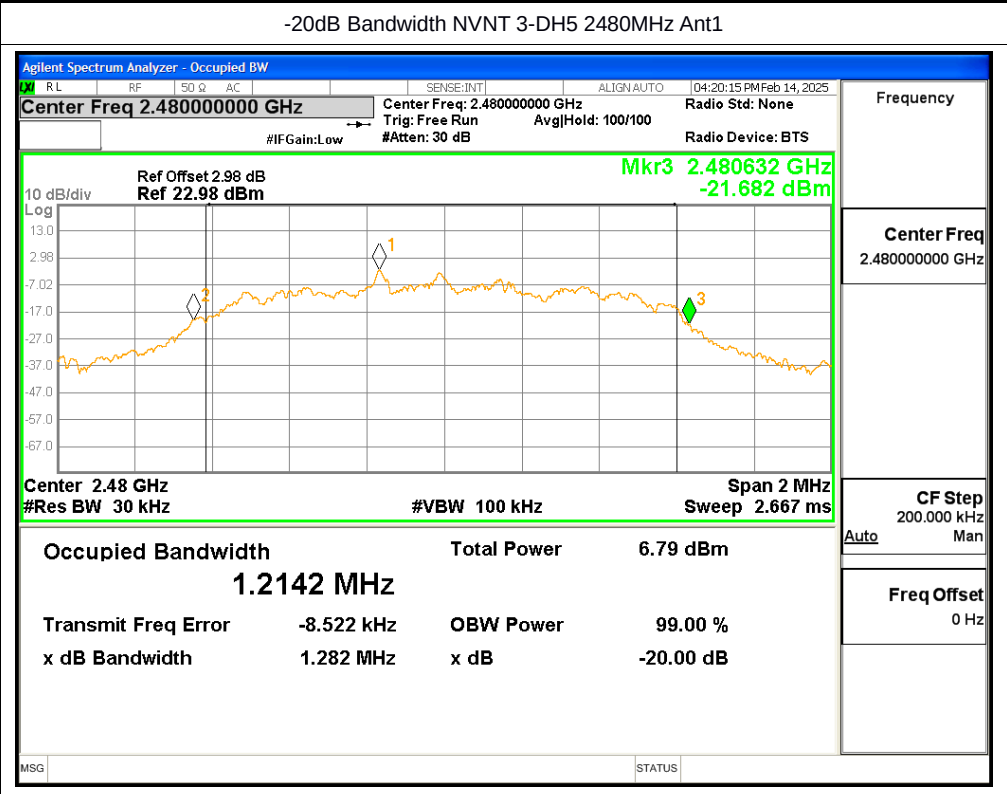
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



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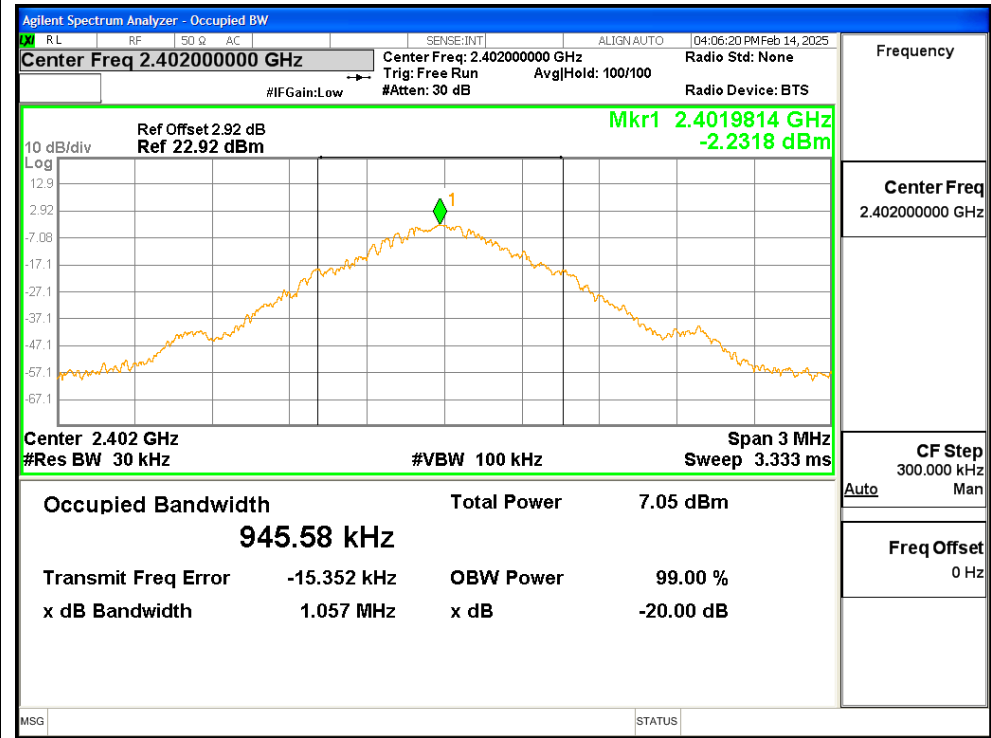
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.946
		2441		0.962
		2480		0.976
	2-DH5	2402		1.214
		2441		1.233
		2480		1.231
	3-DH5	2402		1.212
		2441		1.218
		2480		1.232

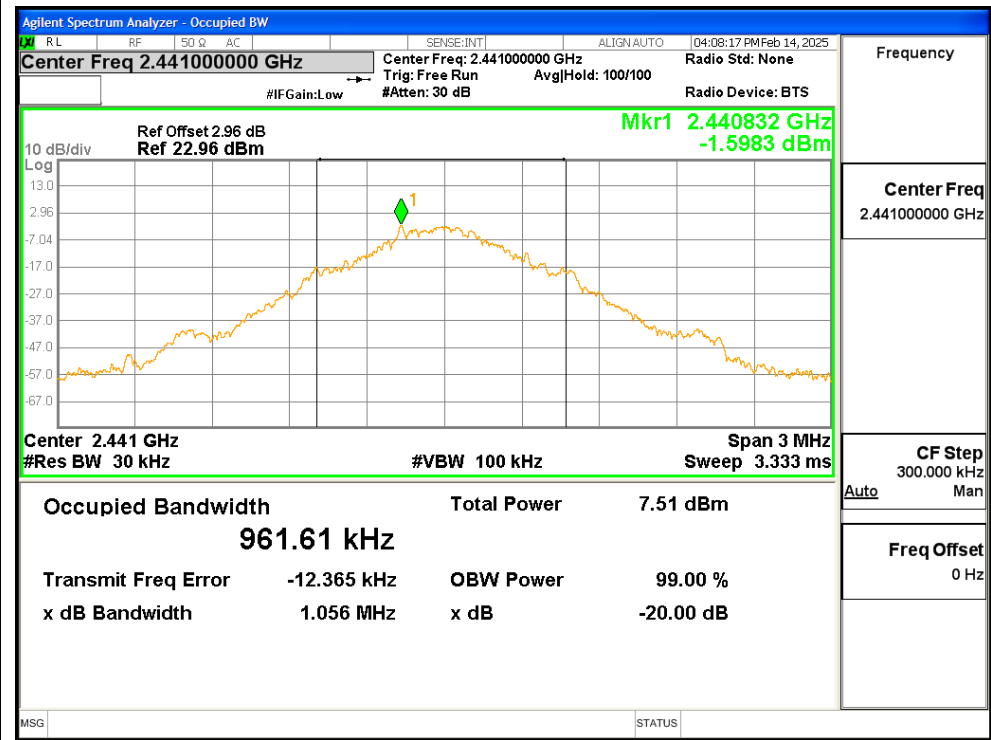
GTSL2025020052F04

Test Graphs

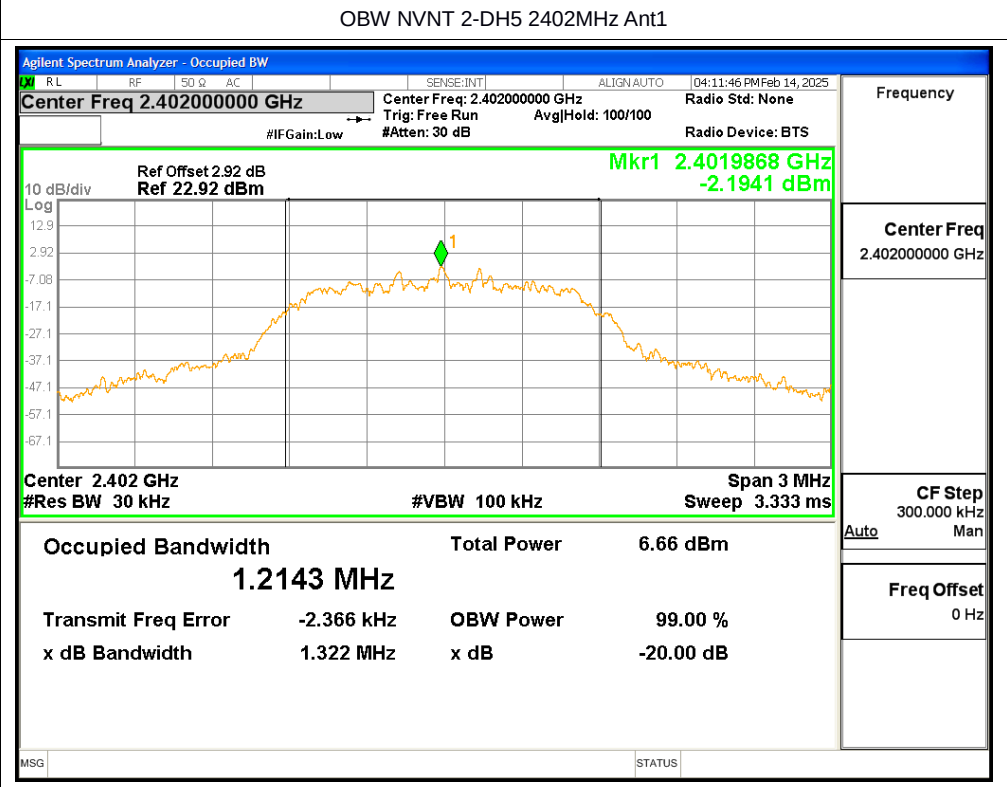
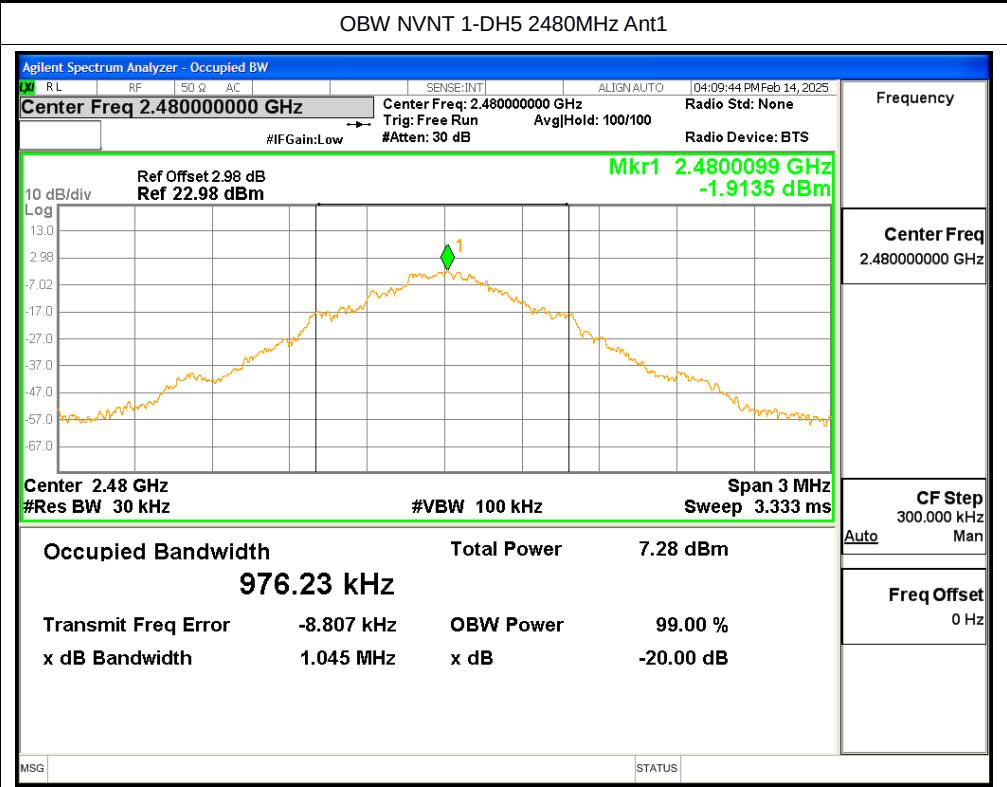
OBW NVNT 1-DH5 2402MHz Ant1



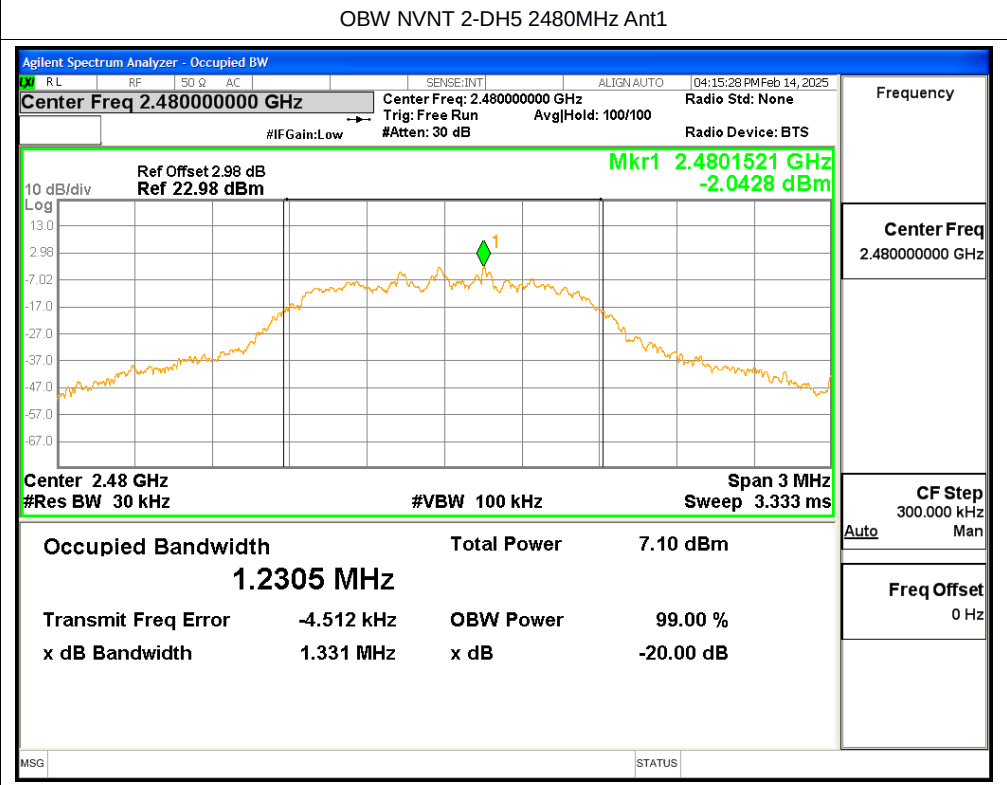
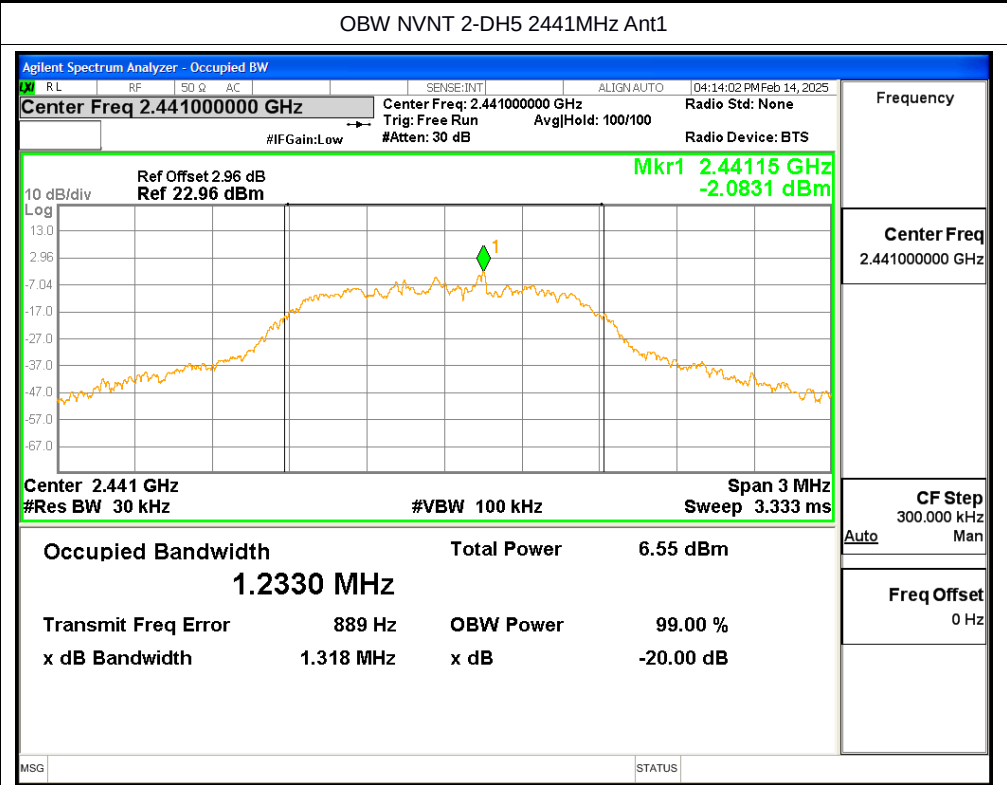
OBW NVNT 1-DH5 2441MHz Ant1



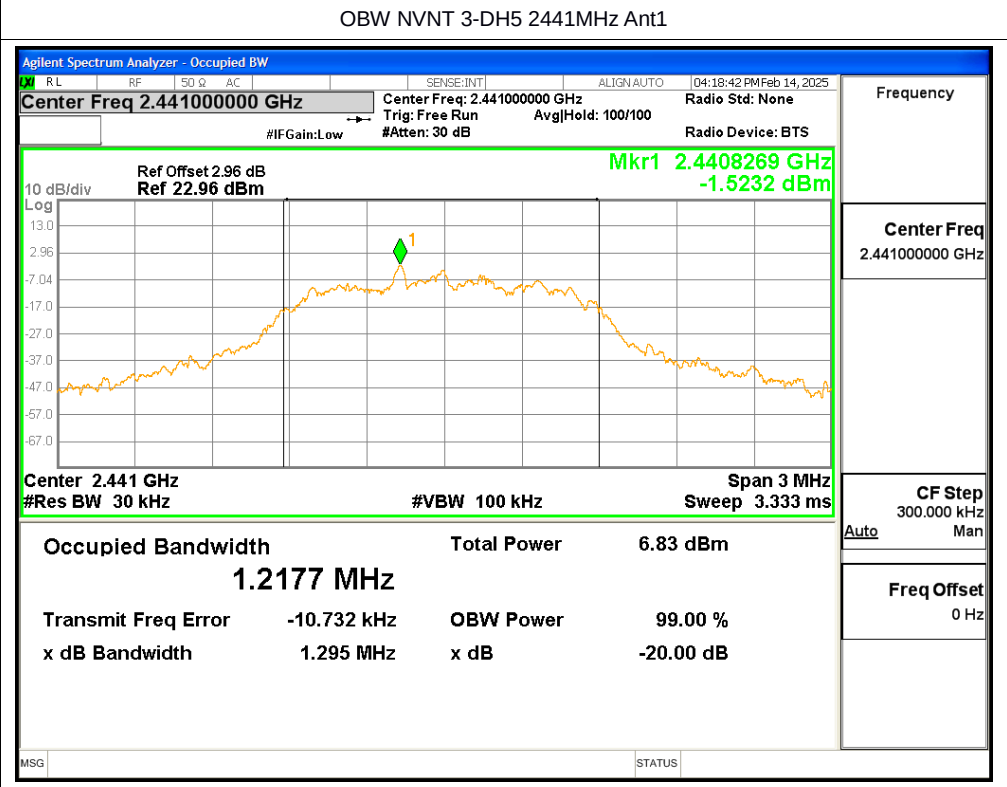
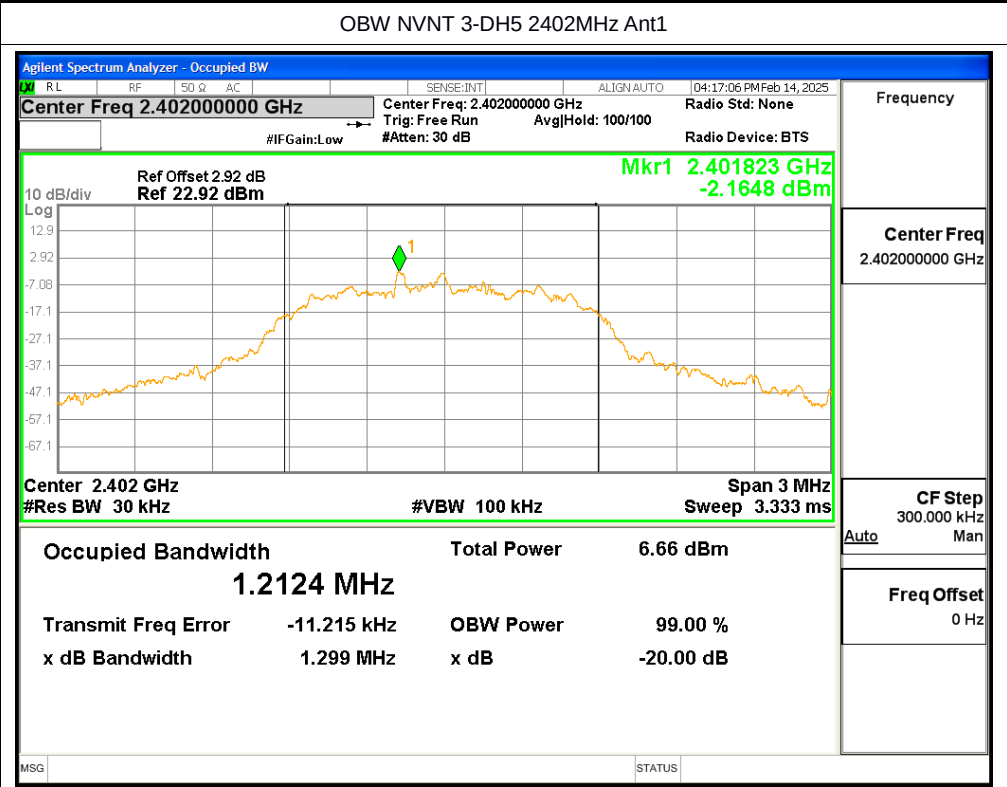
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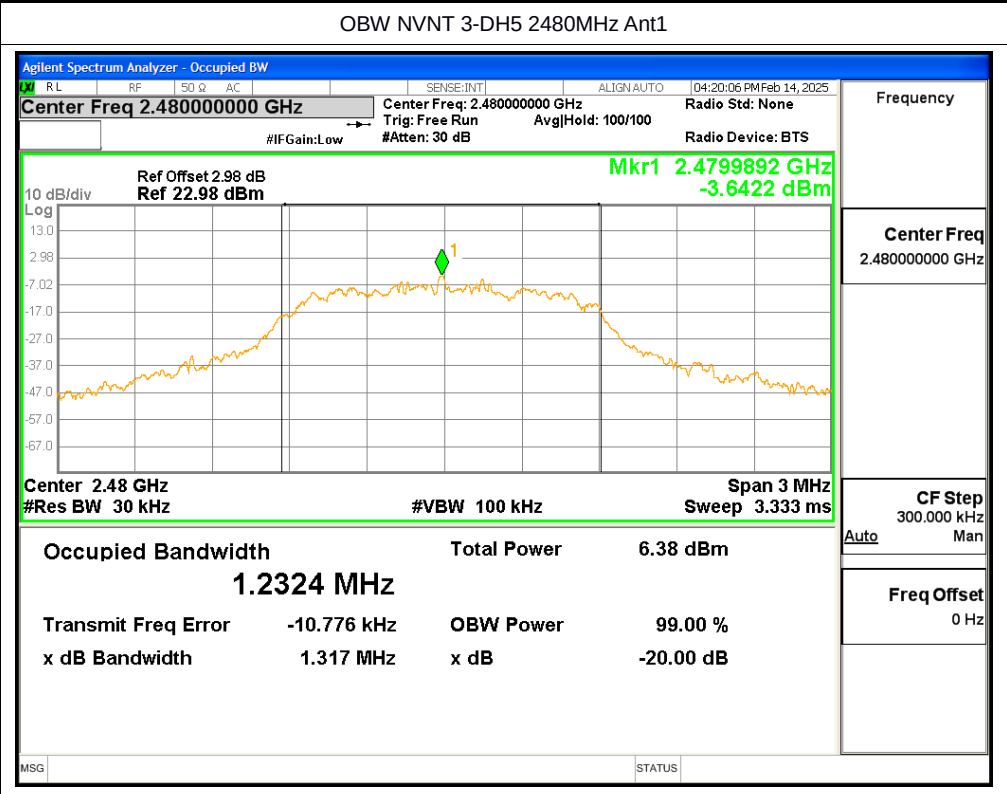
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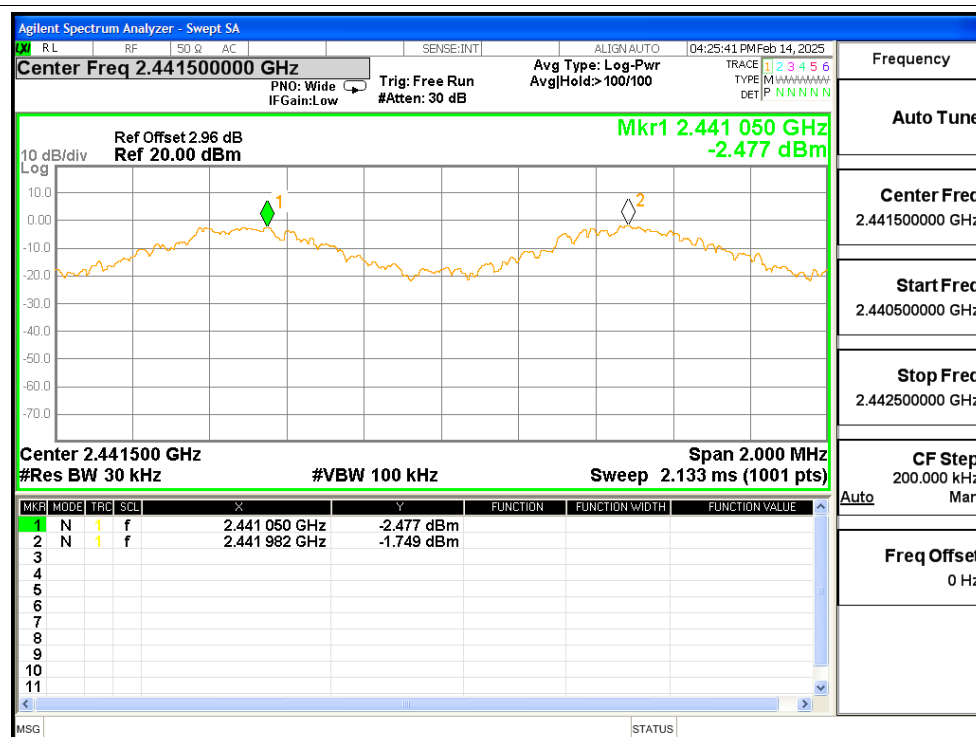


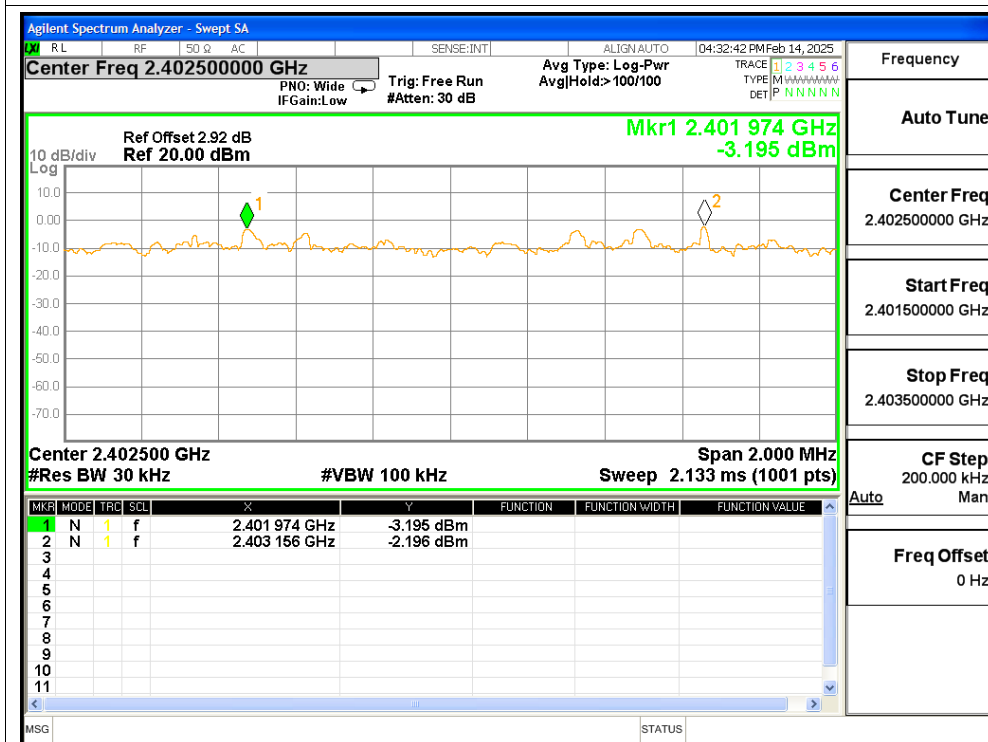
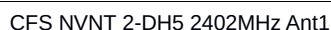
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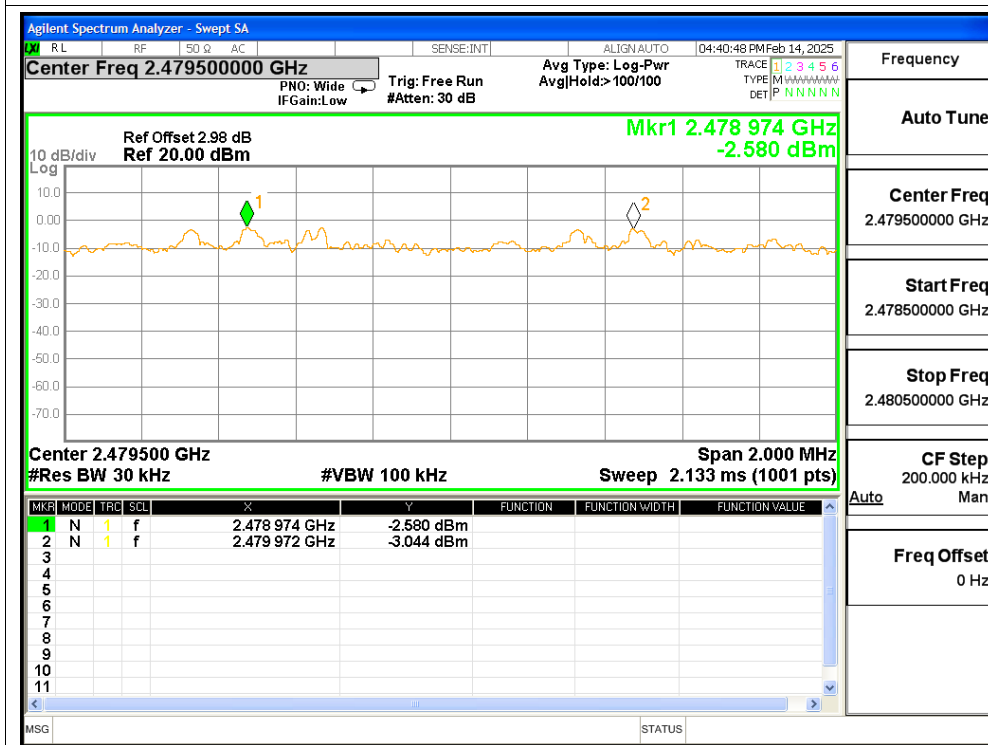
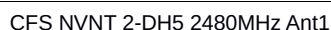
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.974	2403.01	1.036	0.693	Pass
			2441.05	2441.982	0.932	0.693	Pass
			2478.832	2480.002	1.17	0.691	Pass
	2-DH5		2401.974	2403.156	1.182	0.882	Pass
			2440.99	2442.162	1.172	0.883	Pass
			2478.974	2479.972	0.998	0.888	Pass
	3-DH5		2401.844	2402.972	1.128	0.861	Pass
			2441.144	2442.144	1	0.864	Pass
			2478.832	2480.16	1.328	0.855	Pass

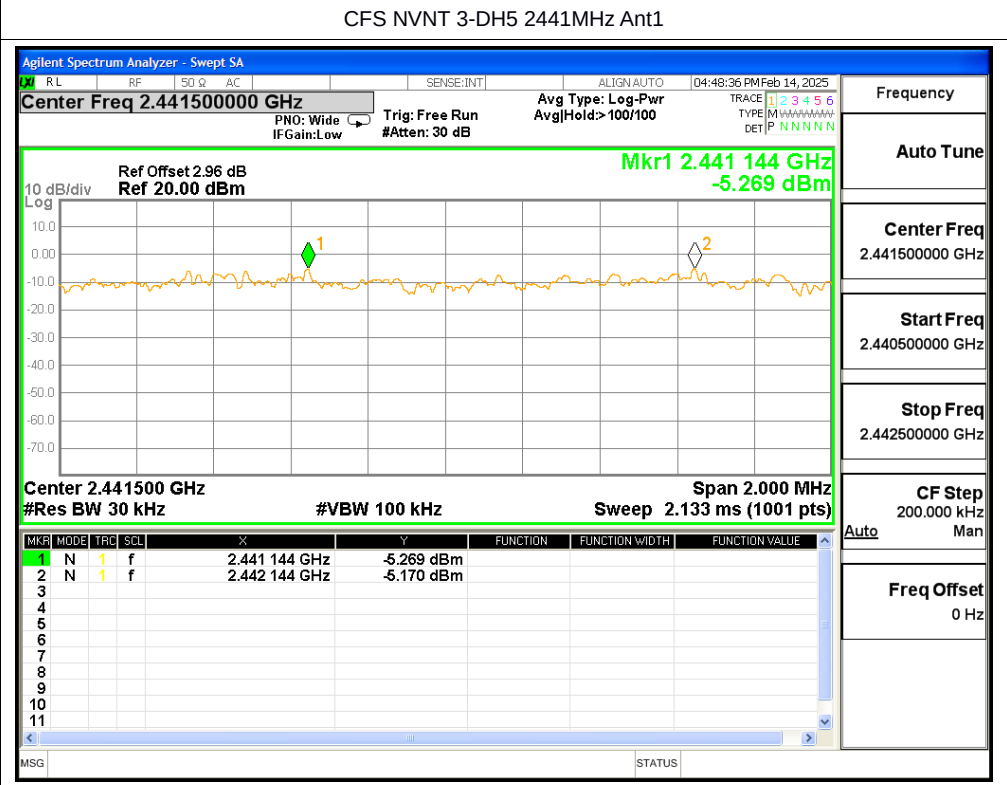
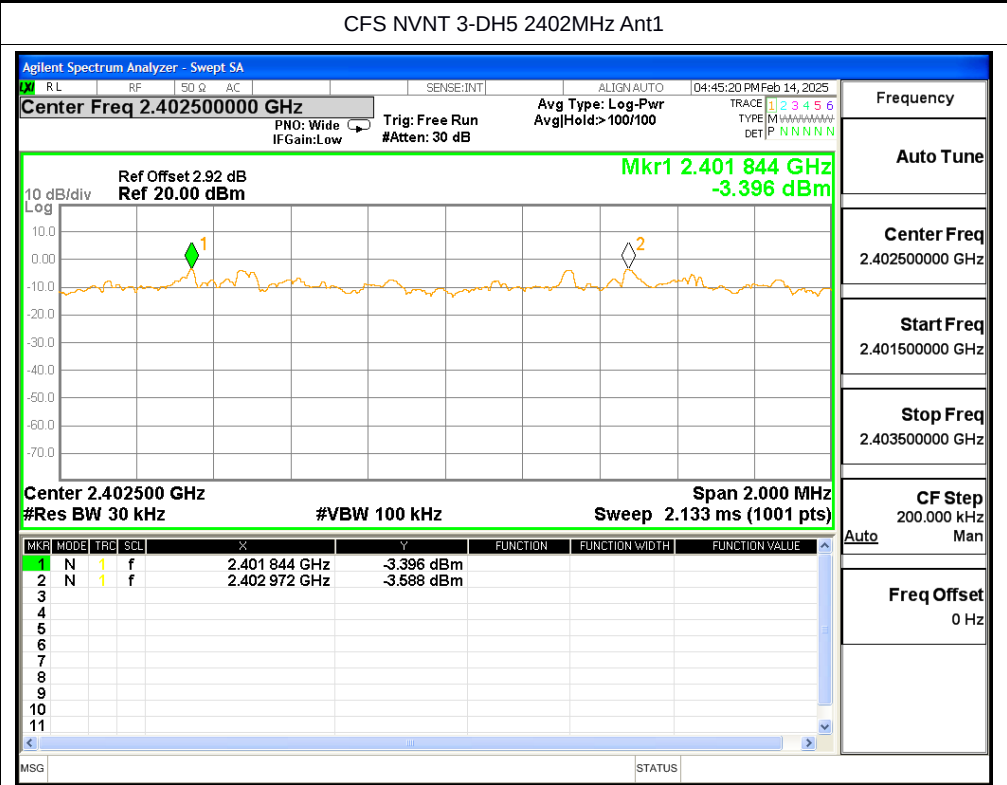
CFS NVNT 1-DH5 2402MHz Ant1



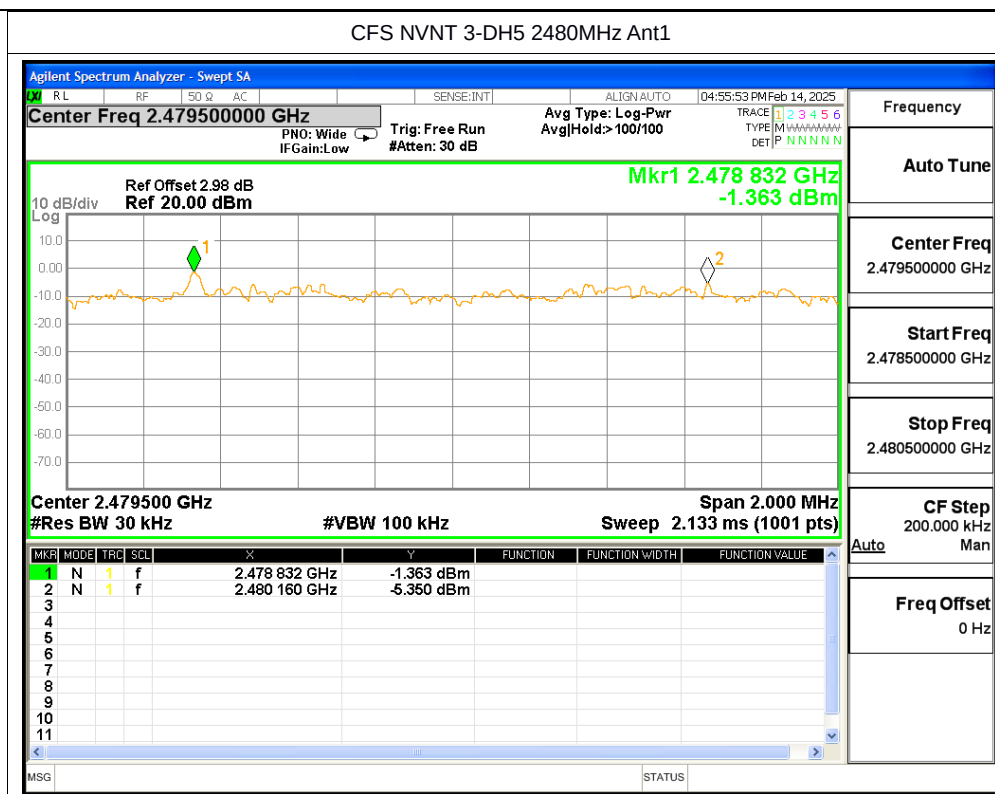




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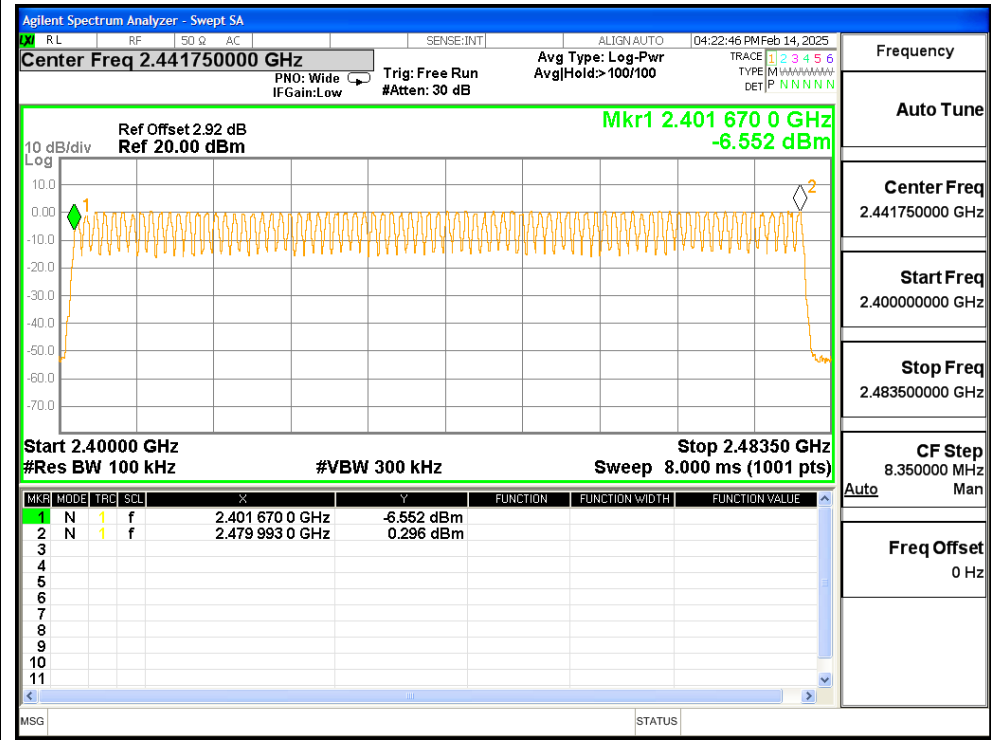
Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
	2-DH5			15	Pass
	3-DH5			15	Pass

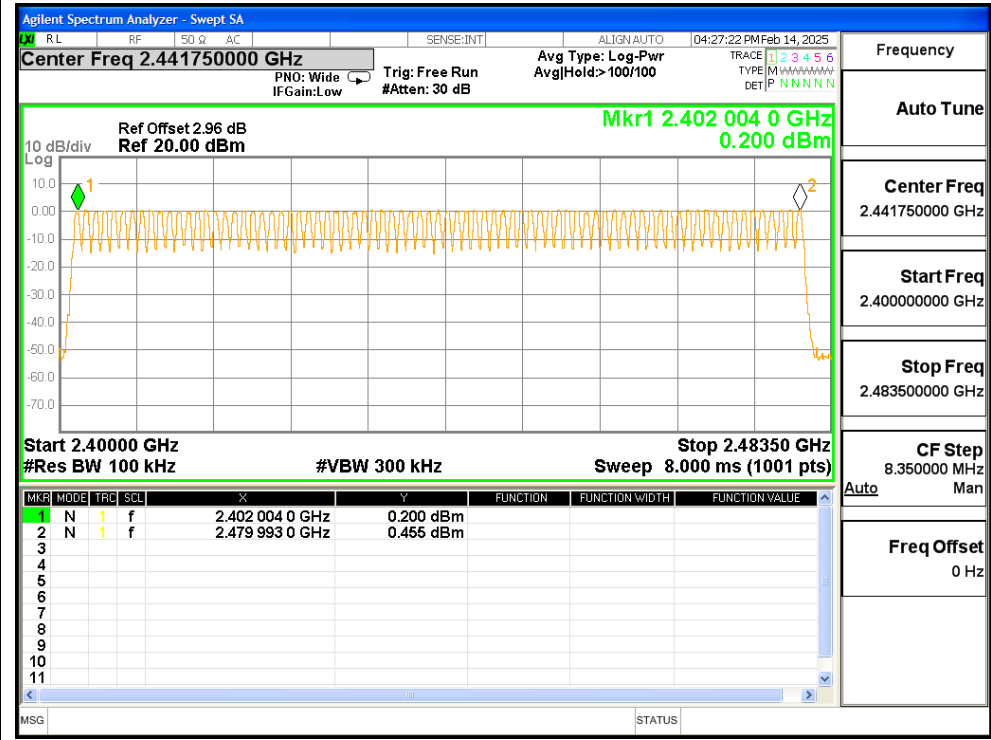
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Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

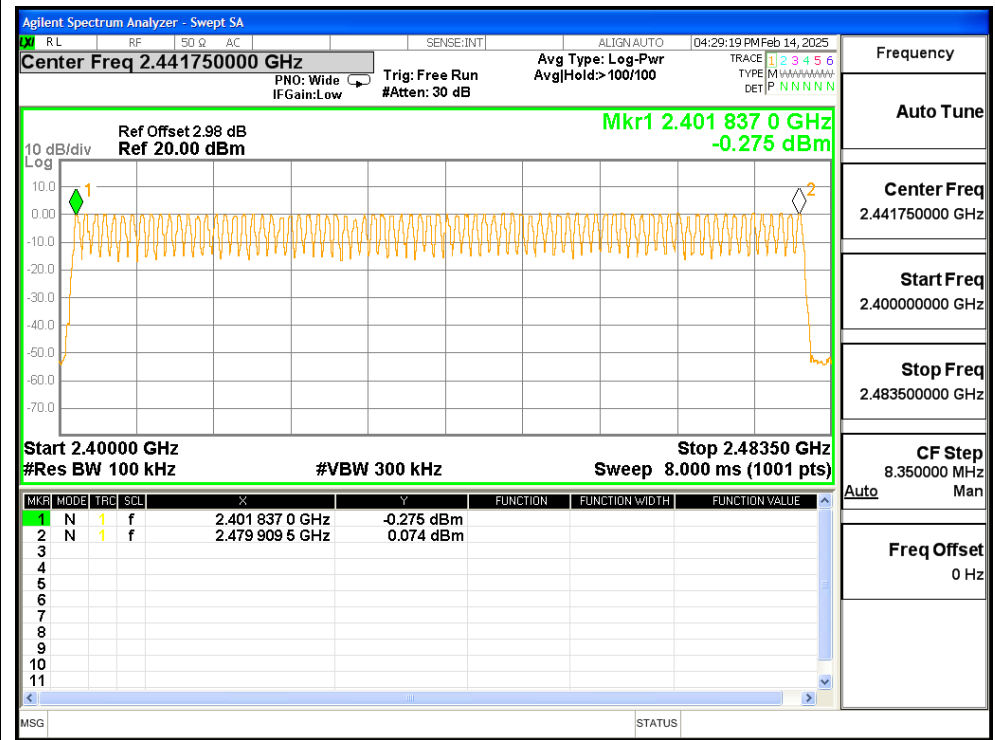


Hopping No. NVNT 1-DH5 2441MHz Ant1

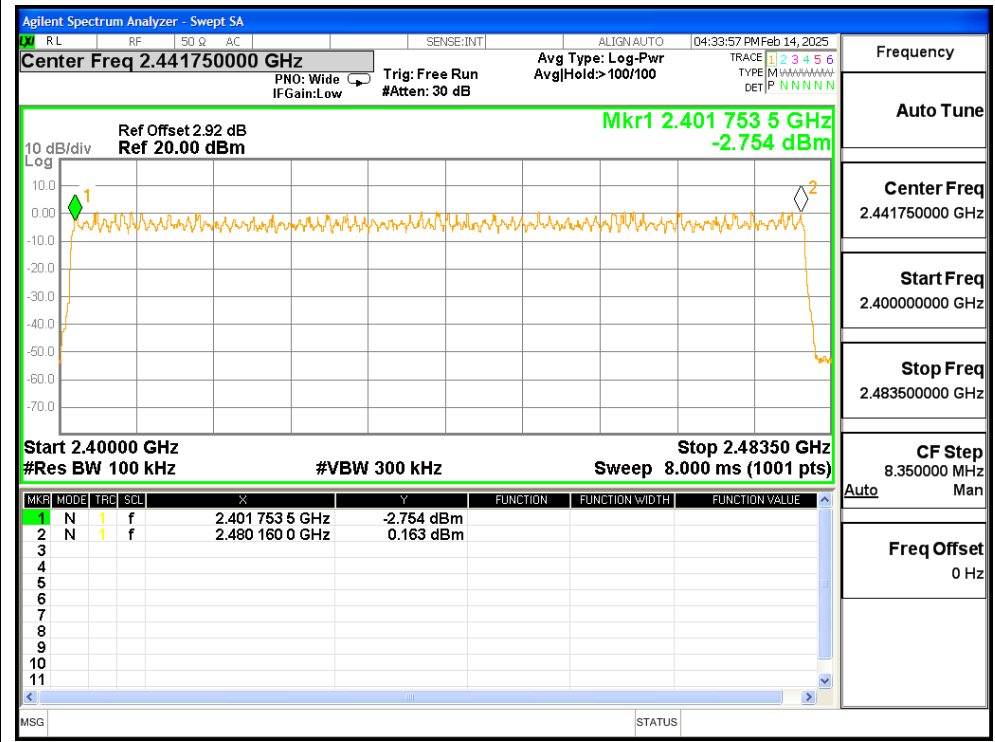


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Hopping No. NVNT 1-DH5 2480MHz Ant1

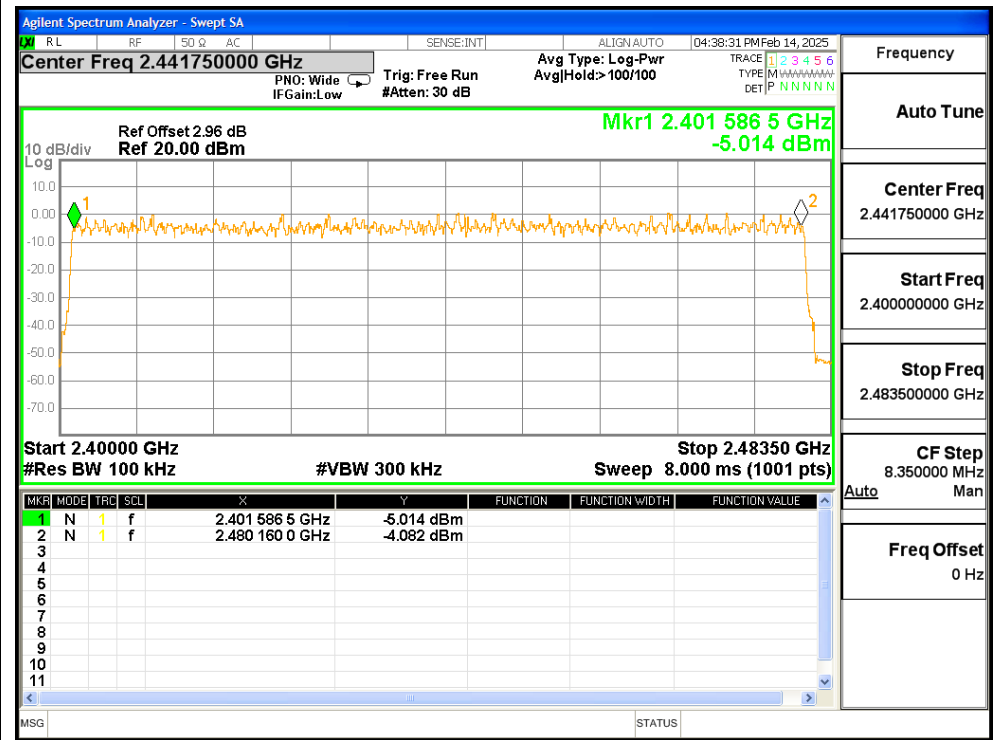


Hopping No. NVNT 2-DH5 2402MHz Ant1

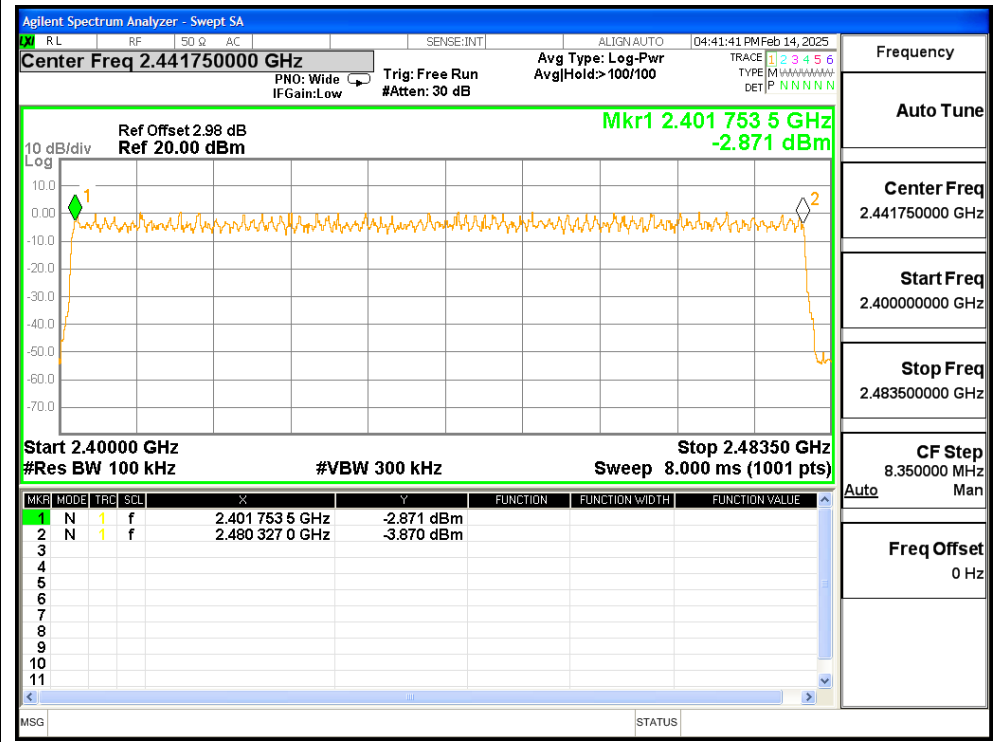


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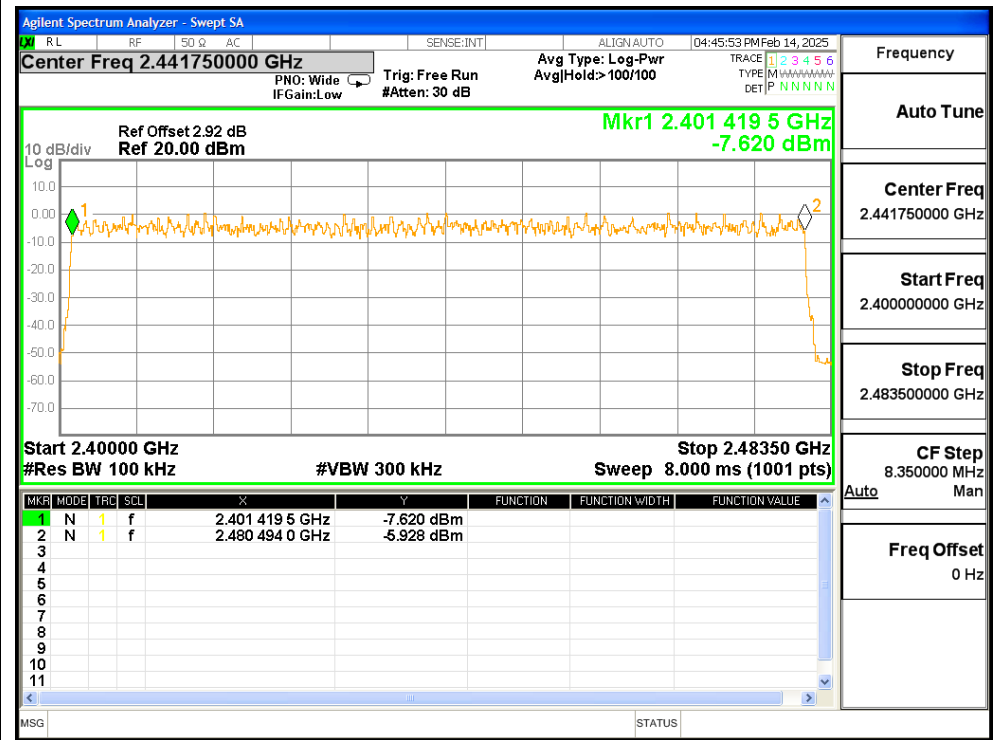


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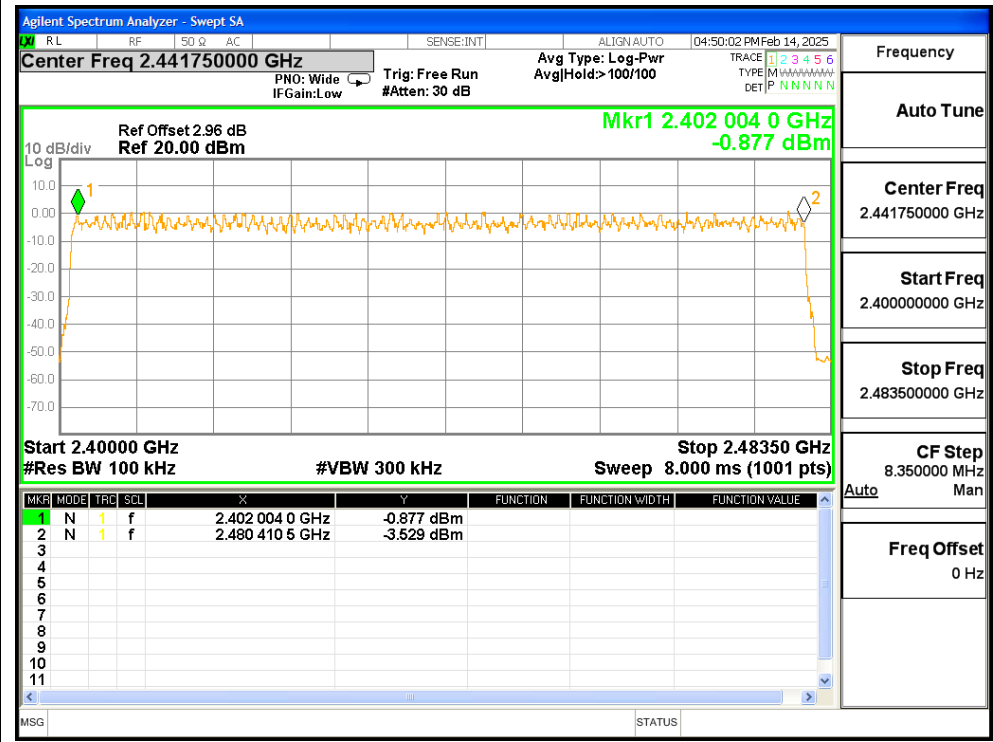


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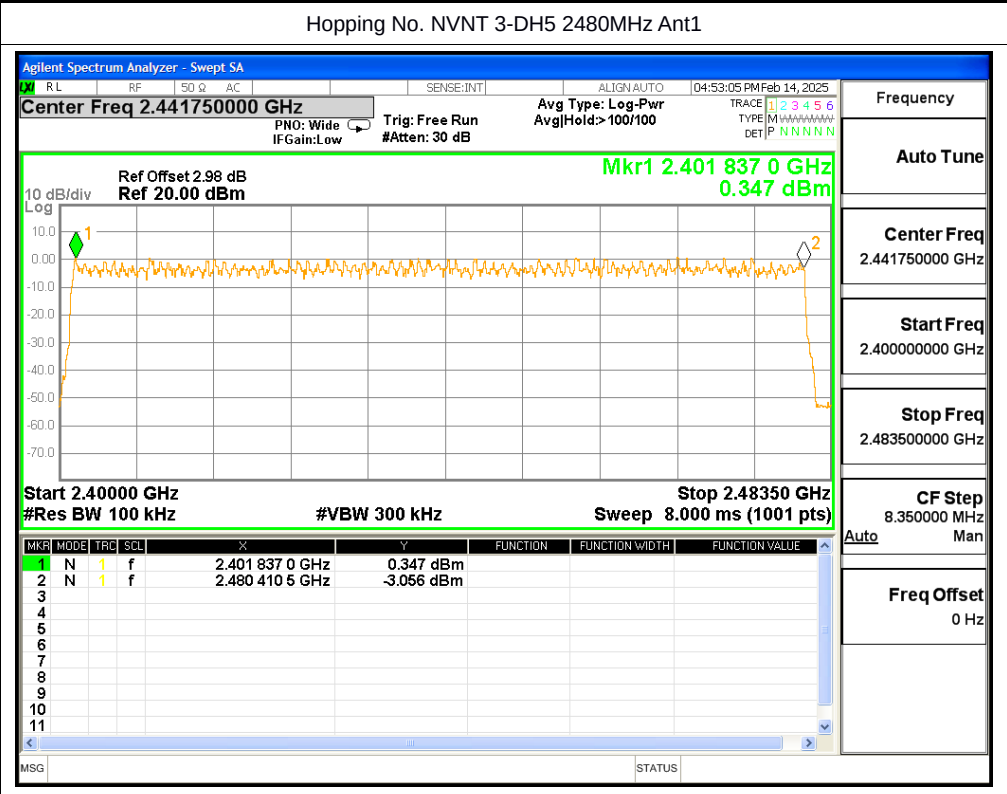
Hopping No. NVNT 3-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2441MHz Ant1



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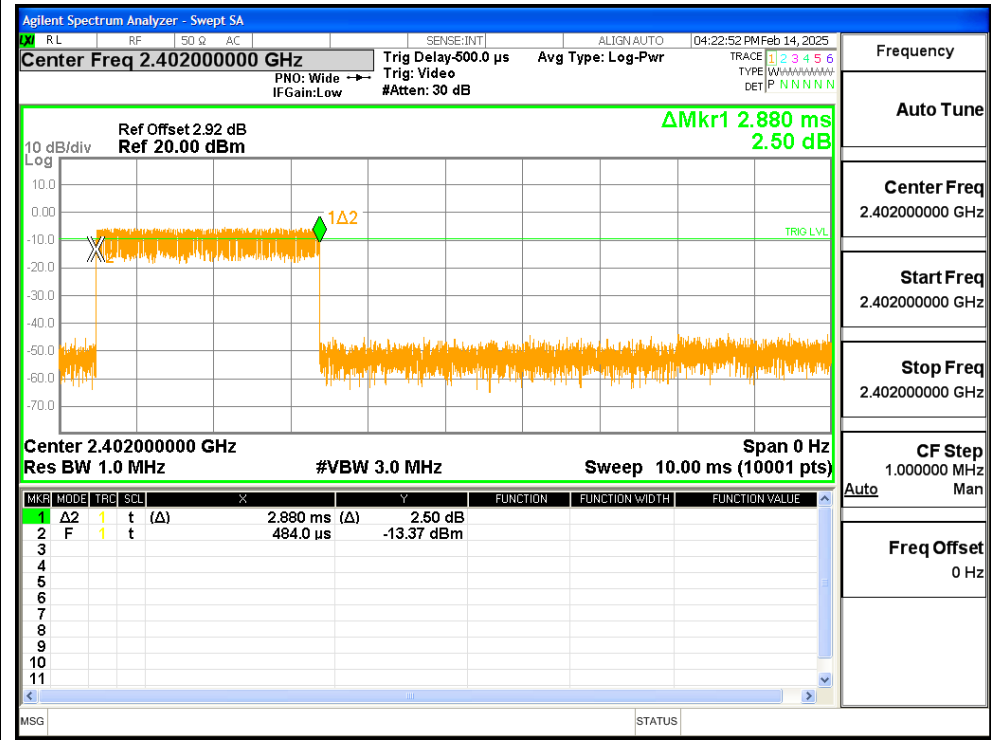
Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.88	288	100	31600	400	Pass
		2441		2.88	259.2	90	31600	400	Pass
		2480		2.88	342.72	119	31600	400	Pass
	2-DH5	2402		2.883	345.96	120	31600	400	Pass
		2441		2.885	317.35	110	31600	400	Pass
		2480		2.885	346.2	120	31600	400	Pass
	3-DH5	2402		2.888	306.128	106	31600	400	Pass
		2441		2.887	340.666	118	31600	400	Pass
		2480		2.888	291.688	101	31600	400	Pass

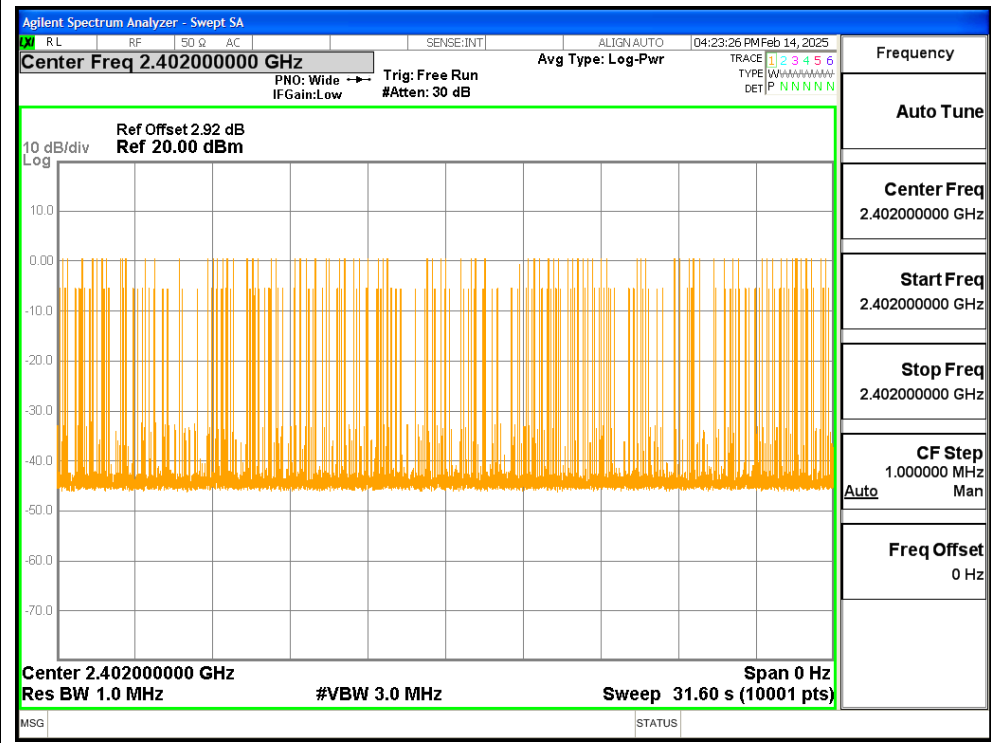
GTSL2025020052F04

Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

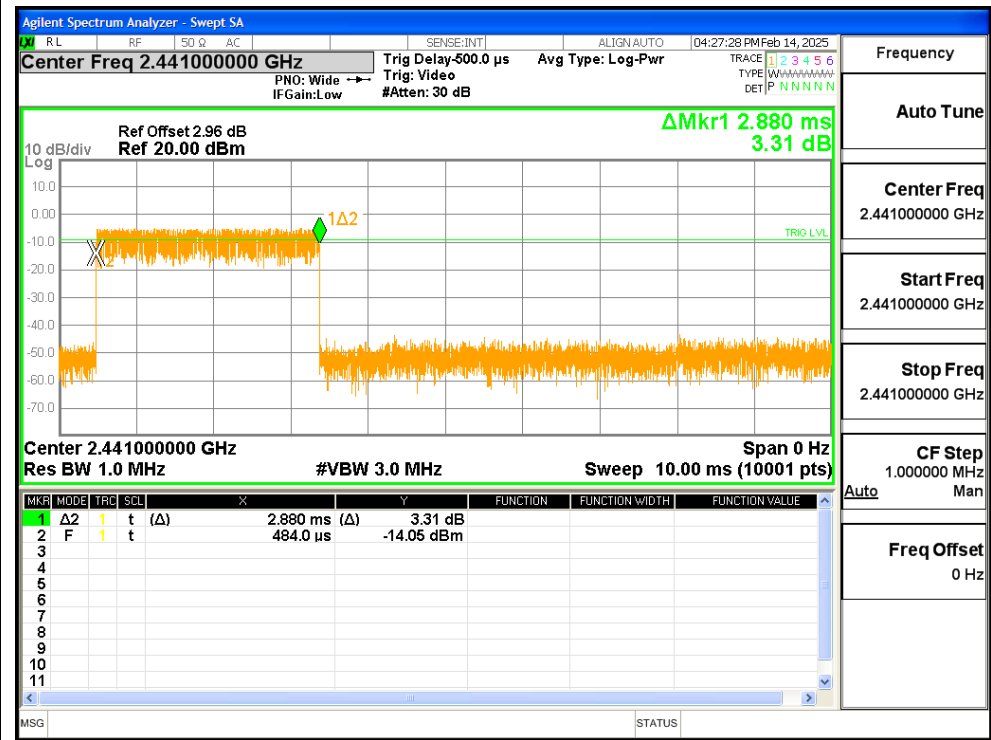


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

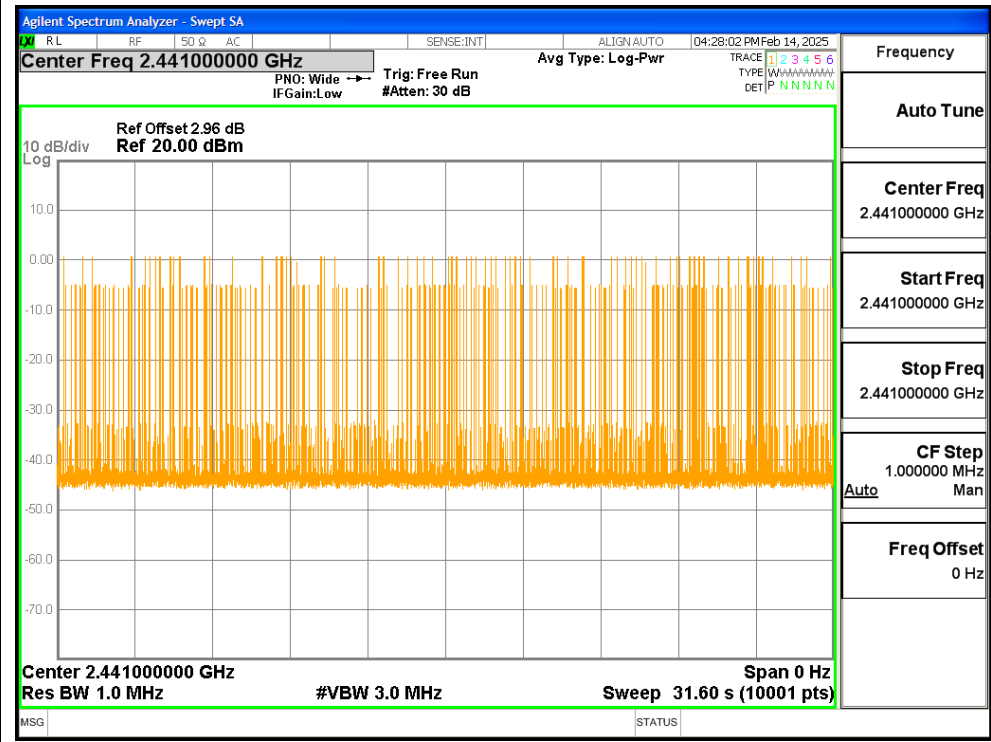


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Dwell NVNT 1-DH5 2441MHz Ant1 One Burst

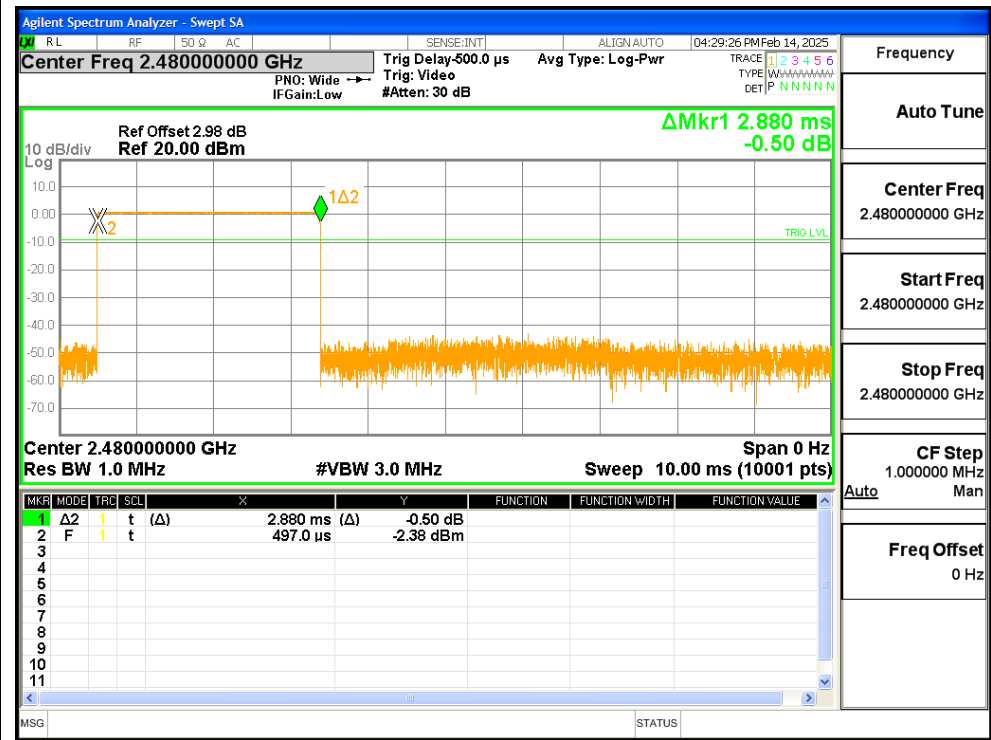


Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

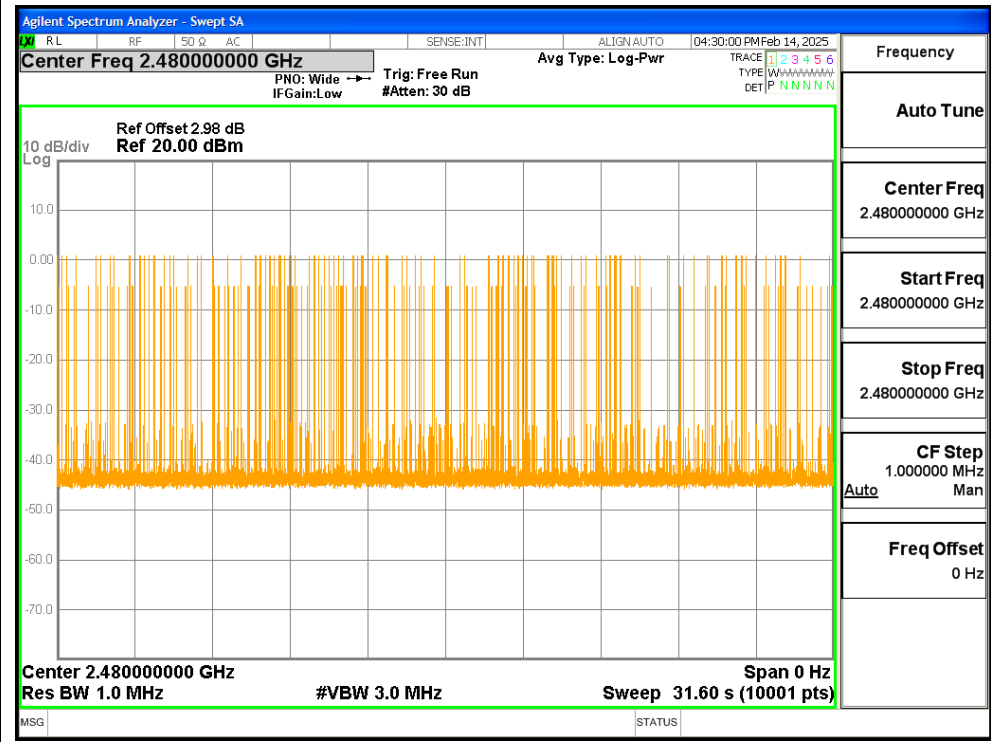


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Dwell NVNT 1-DH5 2480MHz Ant1 One Burst

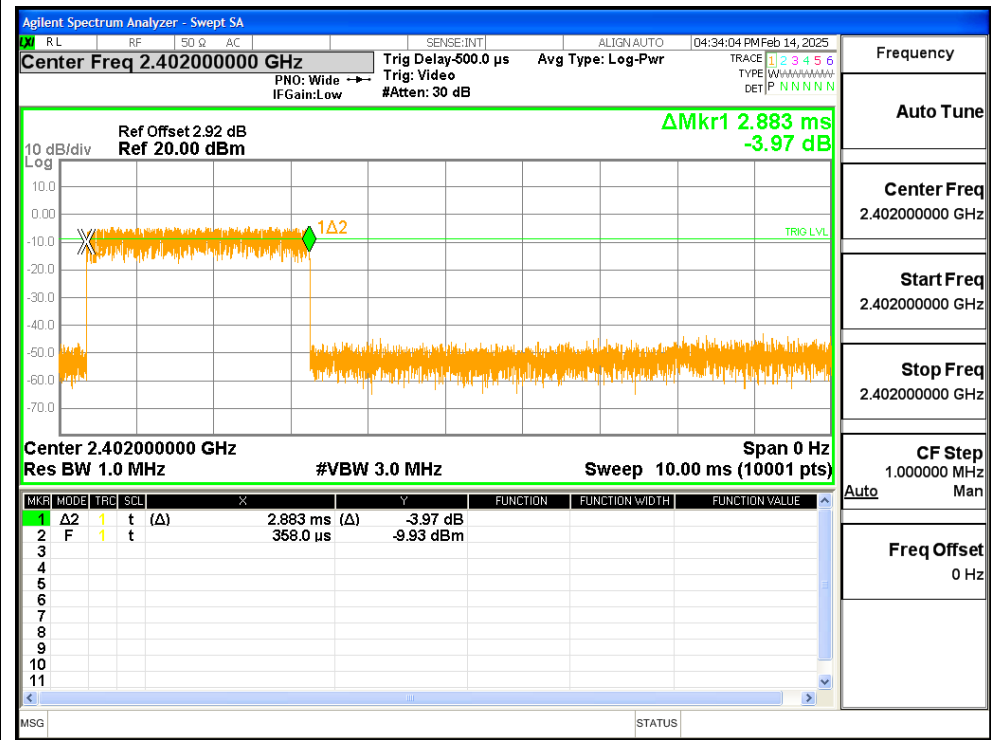


Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated

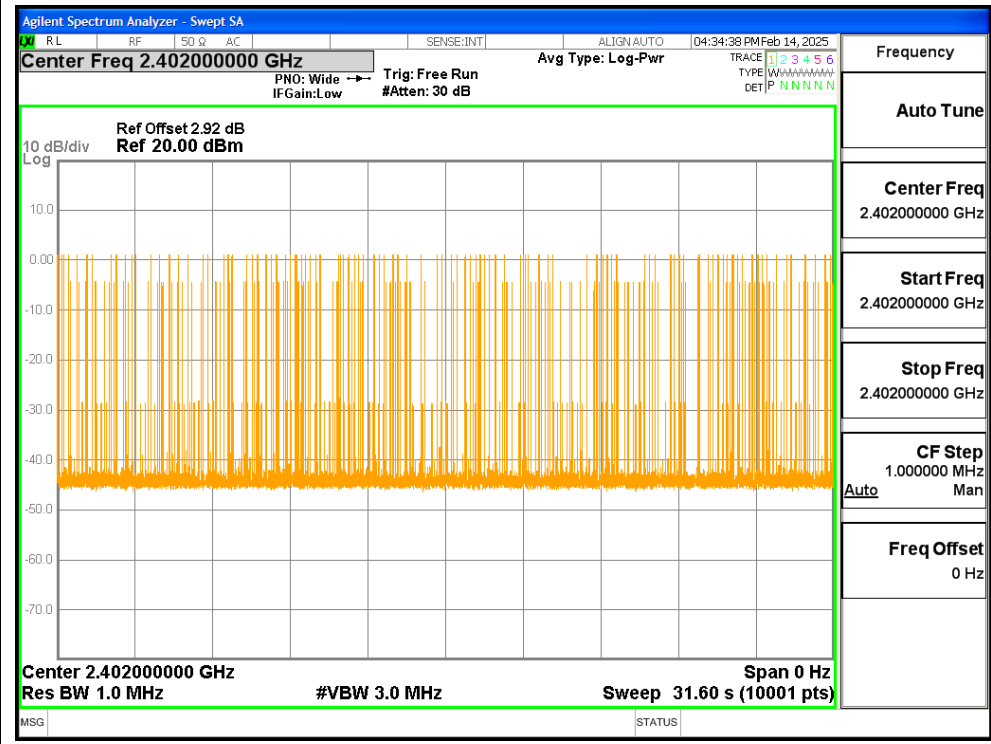


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Dwell NVNT 2-DH5 2402MHz Ant1 One Burst

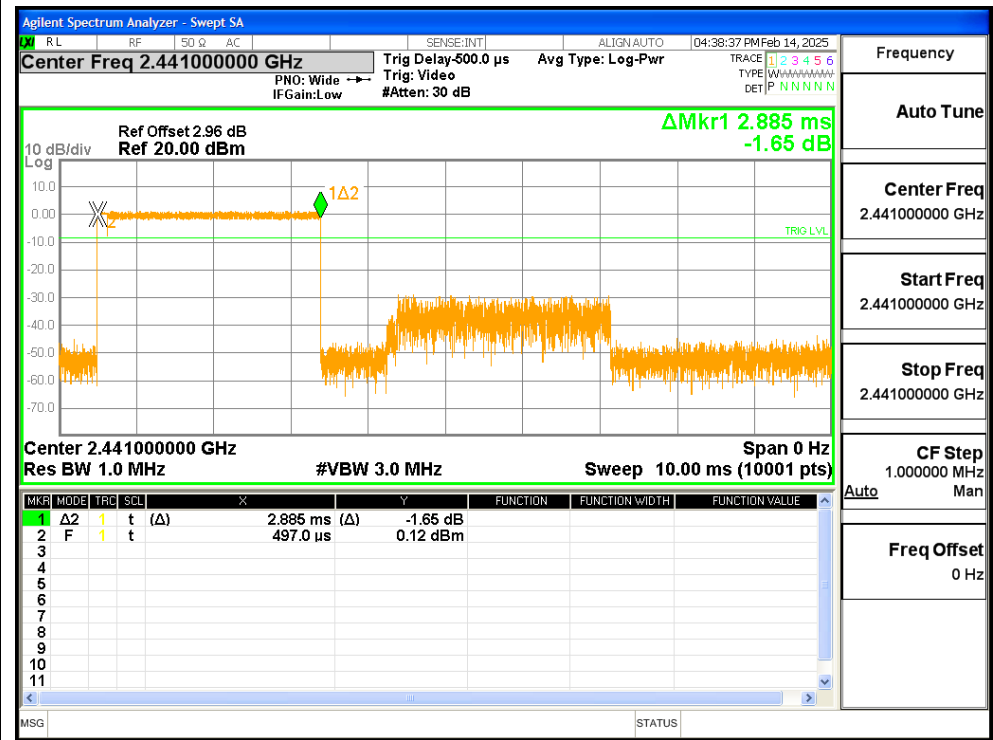


Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated

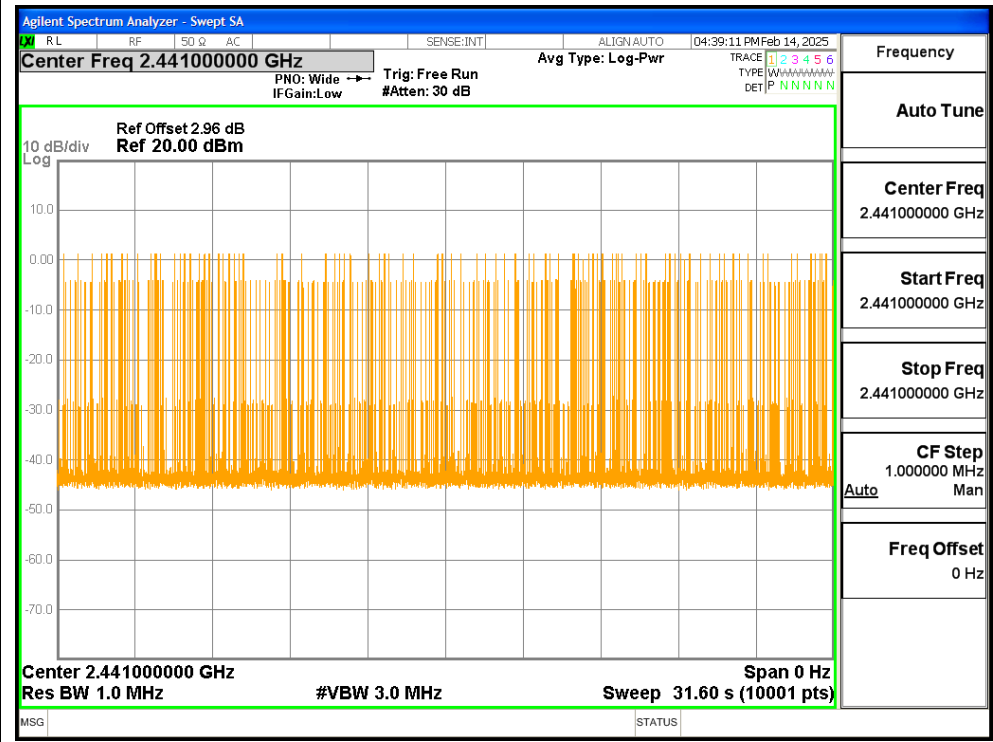


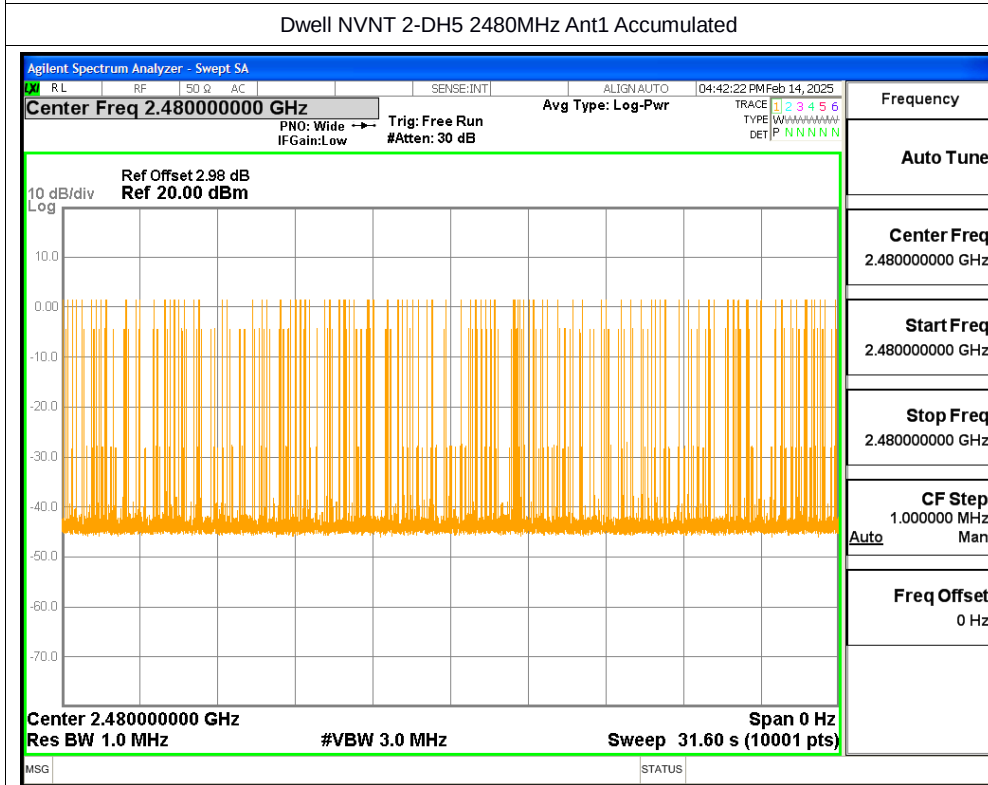
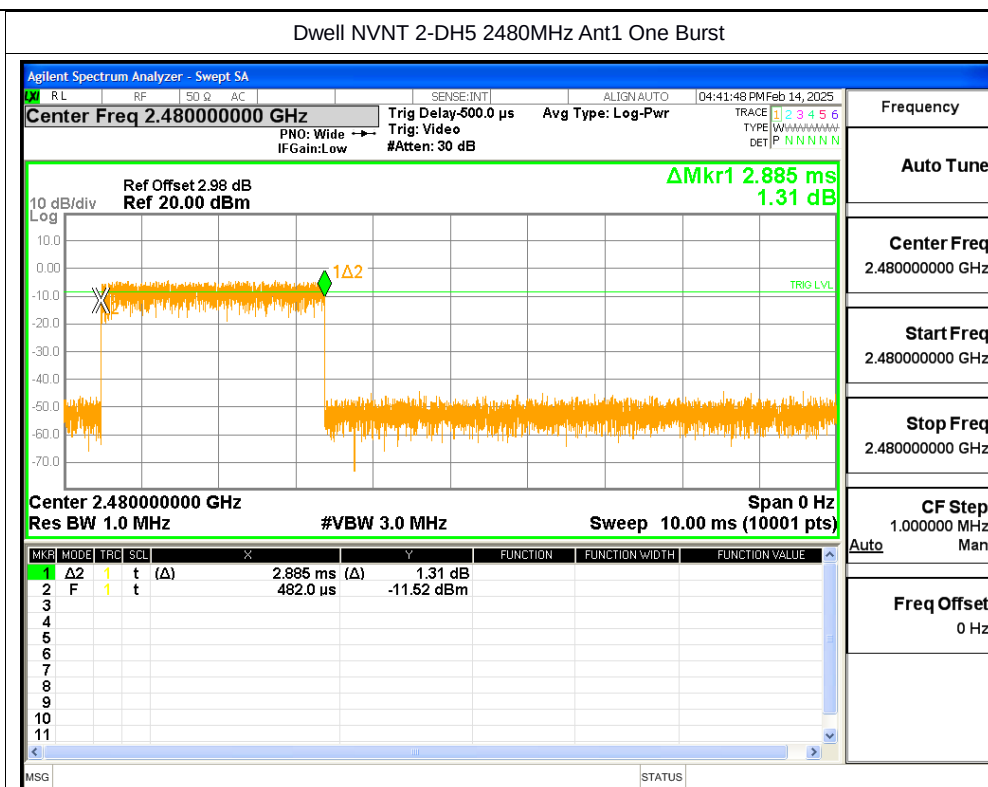
GTSL2025020052F04

Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



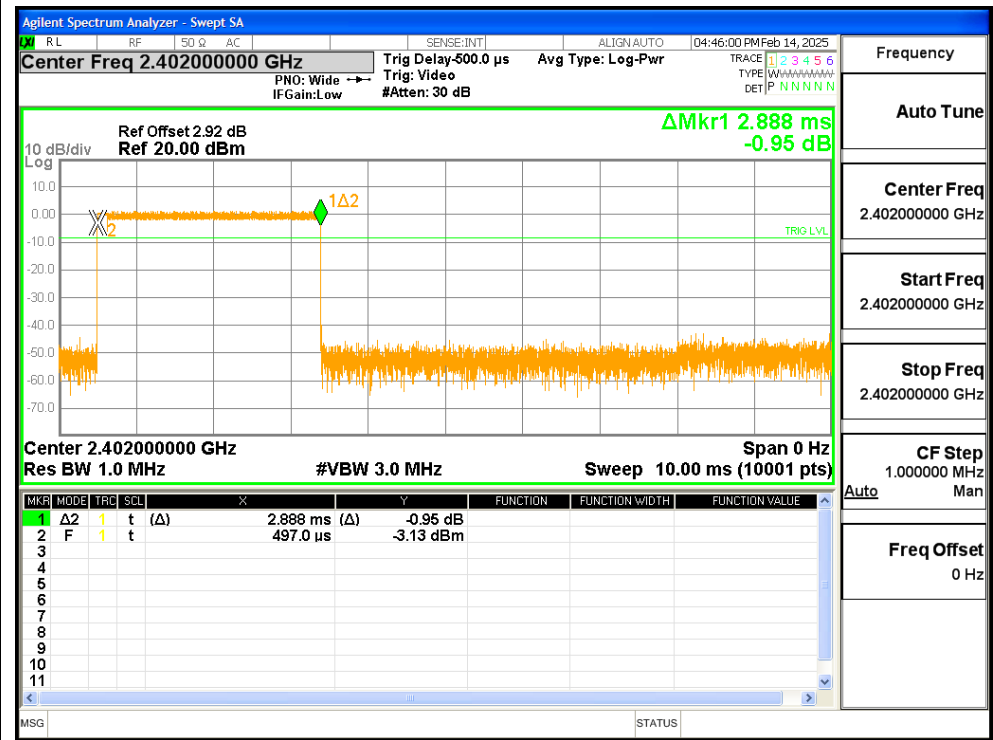
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



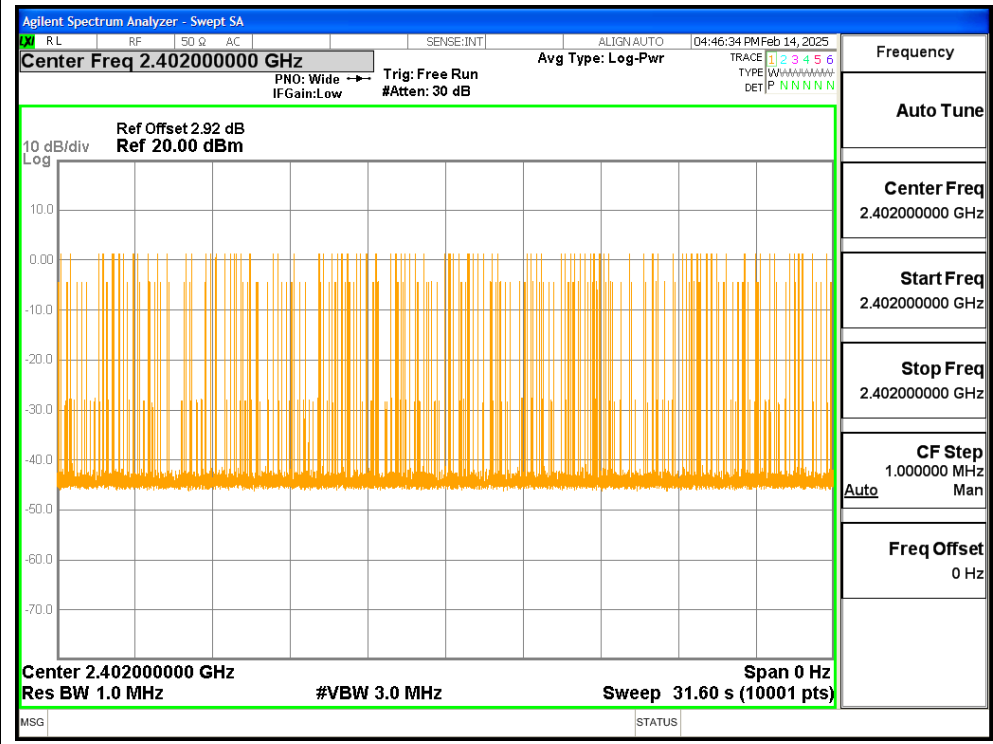


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Dwell NVNT 3-DH5 2402MHz Ant1 One Burst

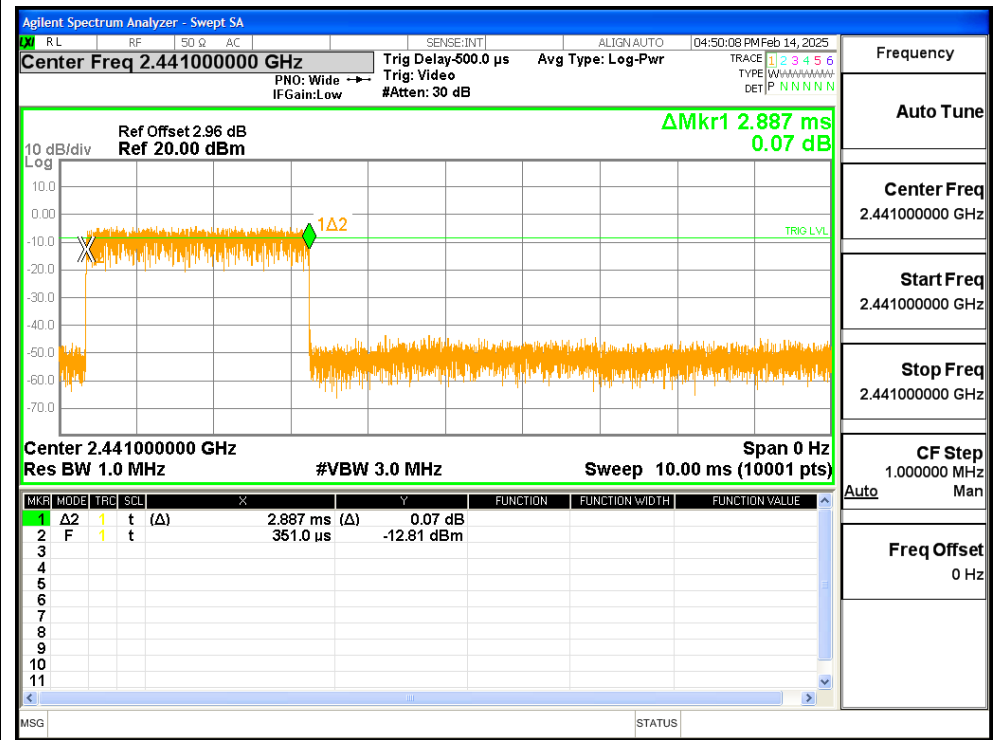


Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

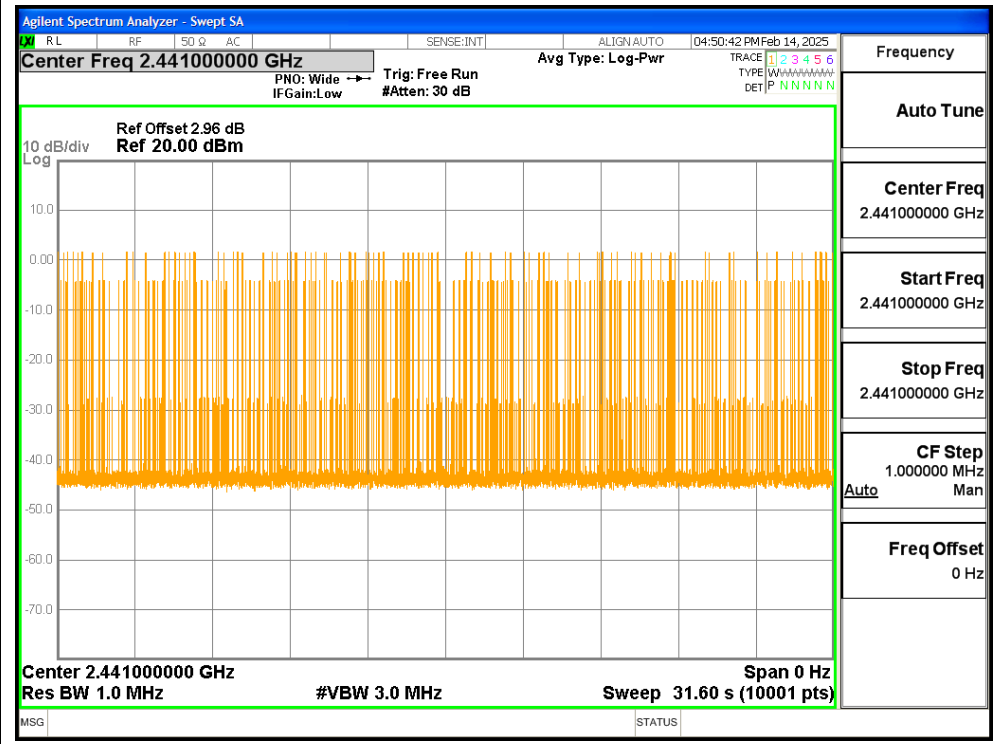


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Dwell NVNT 3-DH5 2441MHz Ant1 One Burst

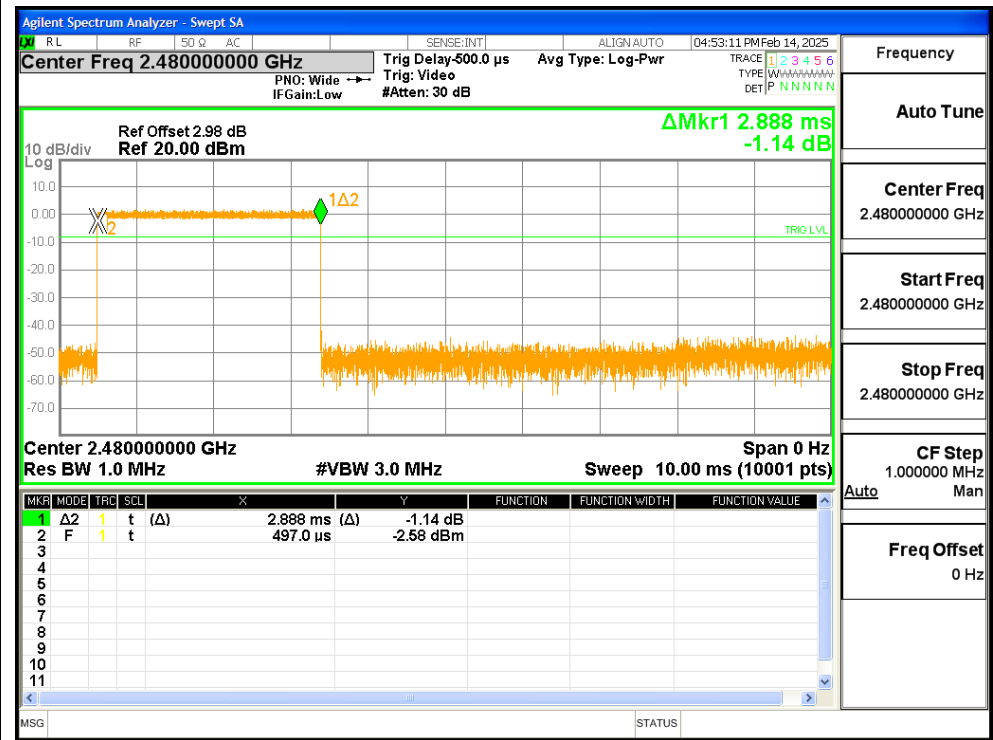


Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

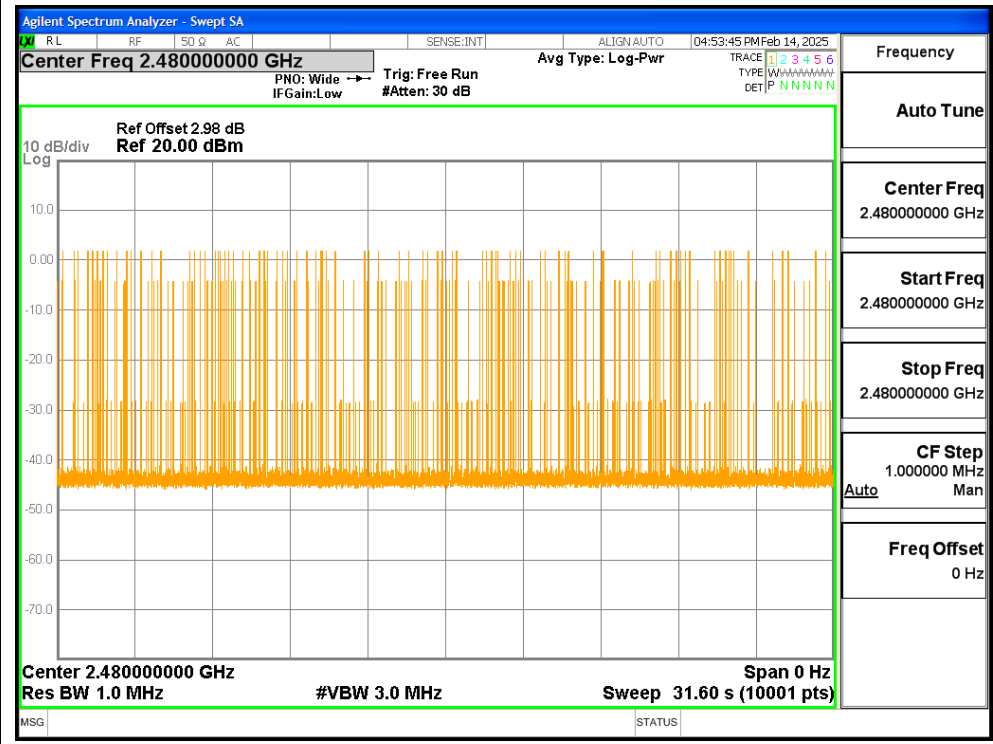


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Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated



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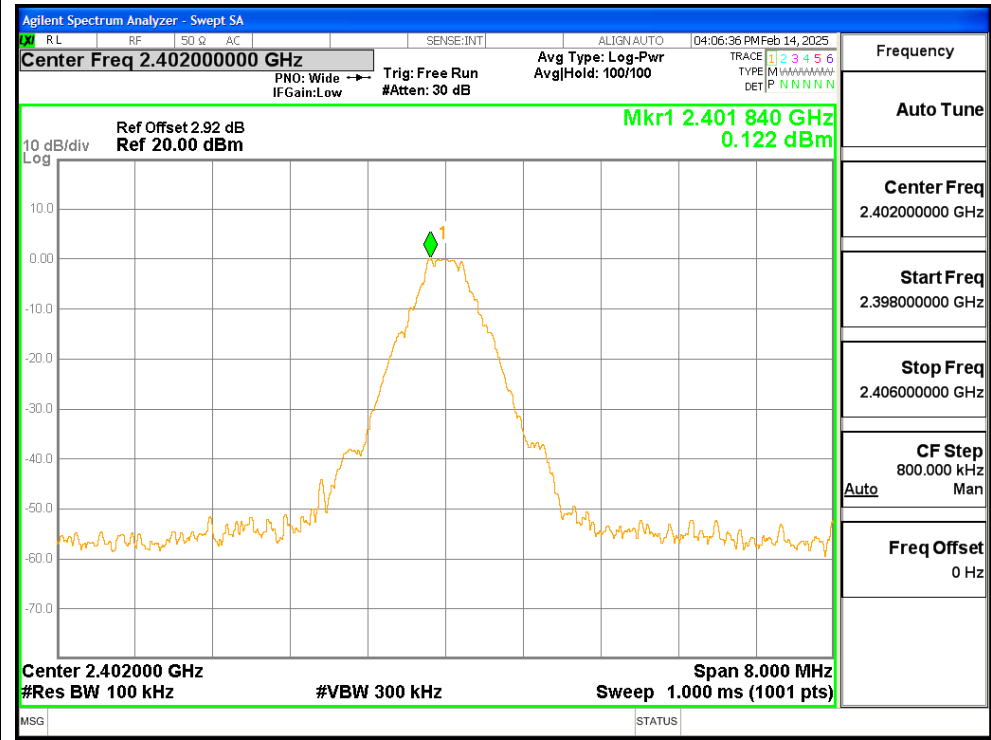
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-50.66	-20	Pass
		2480		No-Hopping	-52.72	-20	Pass
	2-DH5	2402		No-Hopping	-50.96	-20	Pass
		2480		No-Hopping	-51.71	-20	Pass
	3-DH5	2402		No-Hopping	-50.78	-20	Pass
		2480		No-Hopping	-51.43	-20	Pass

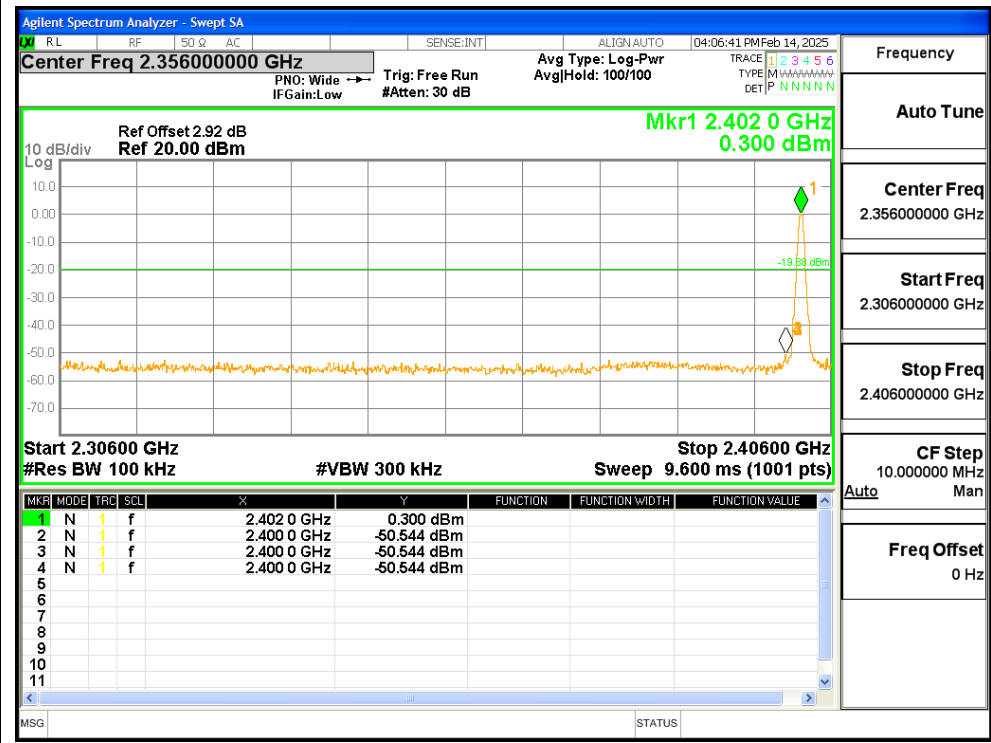
GTSL2025020052F04

Test Graphs

Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref

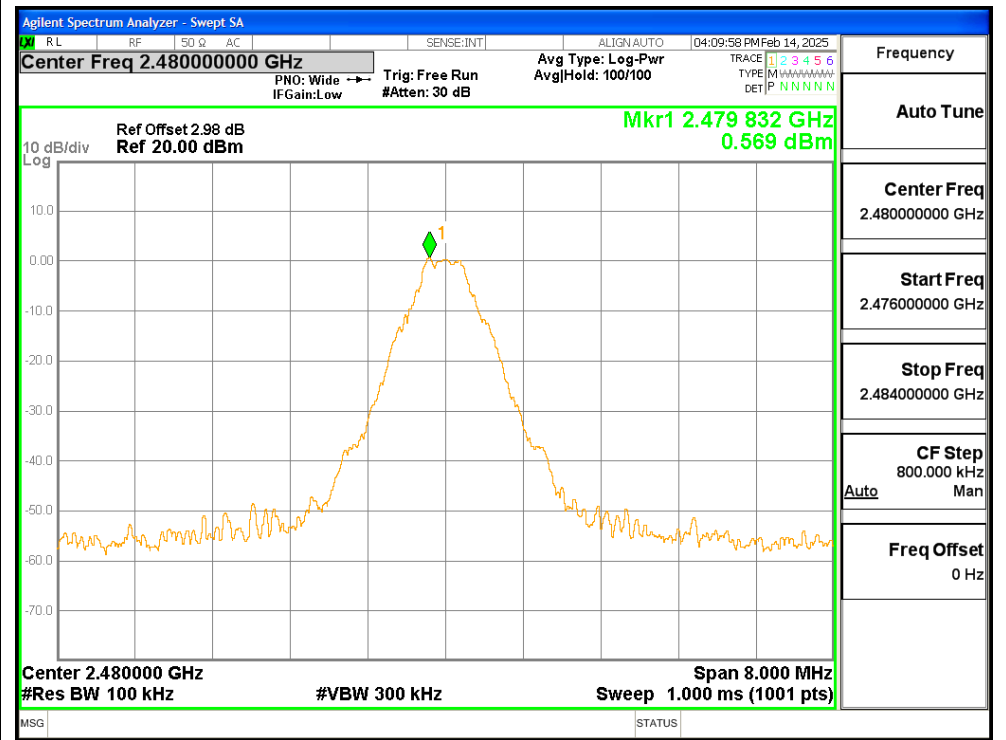


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

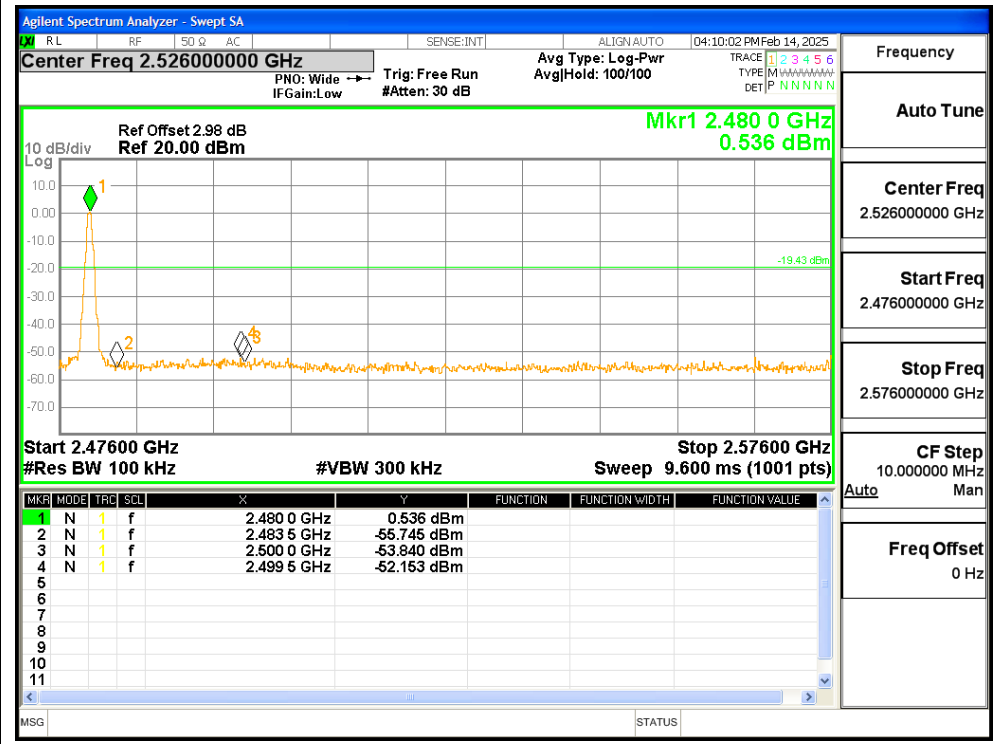


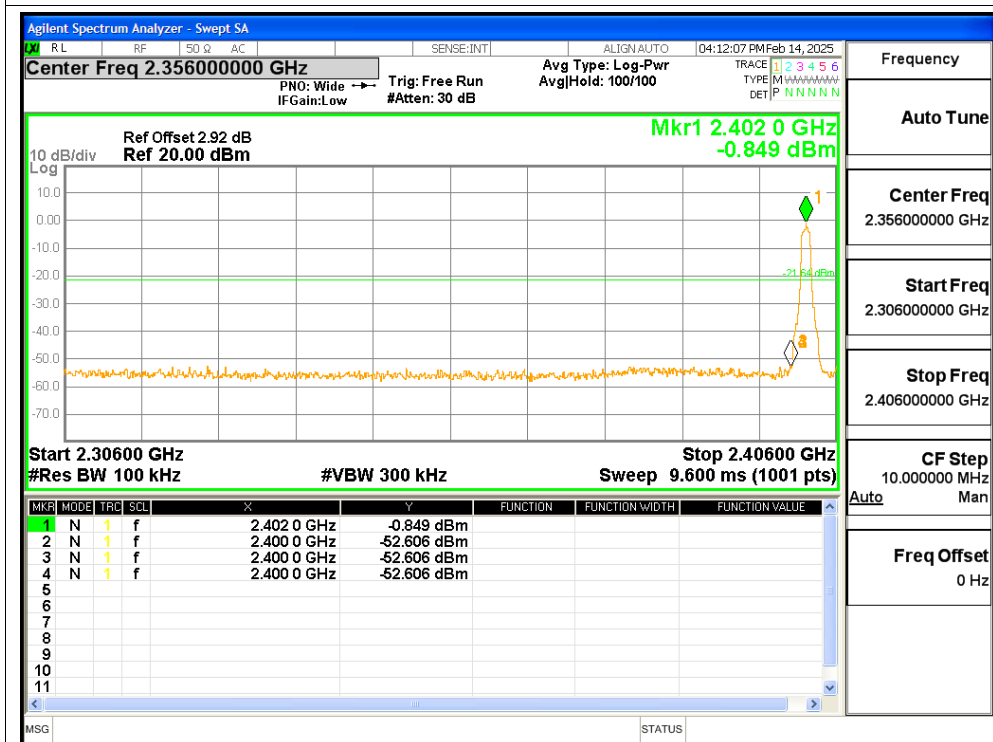
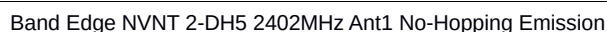
GTSL2025020052F04

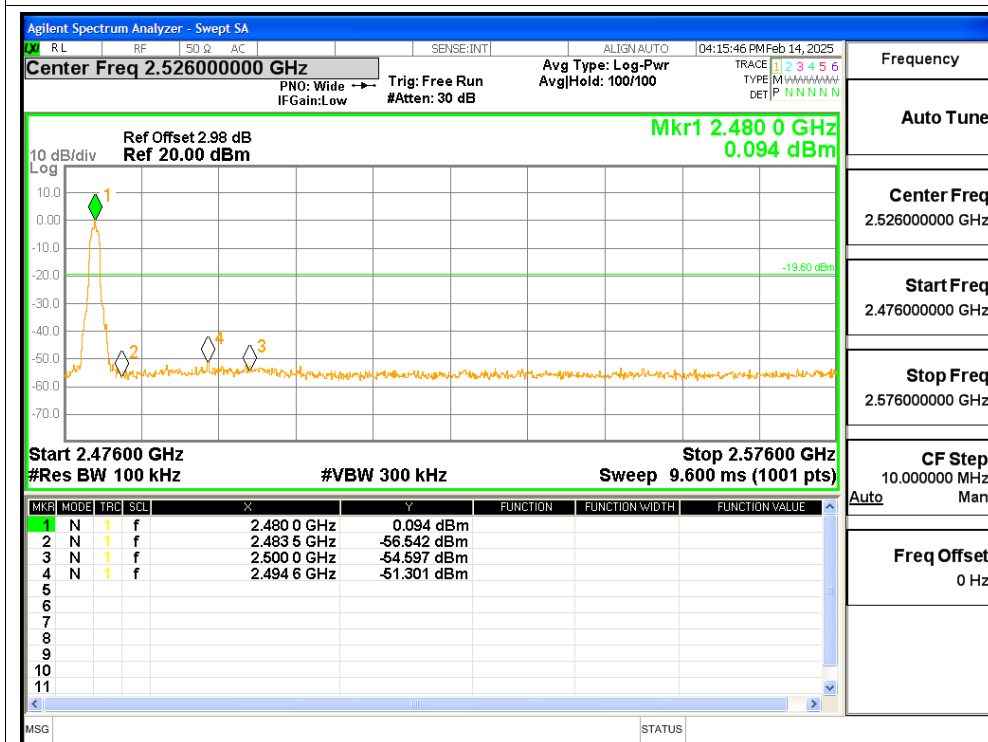
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

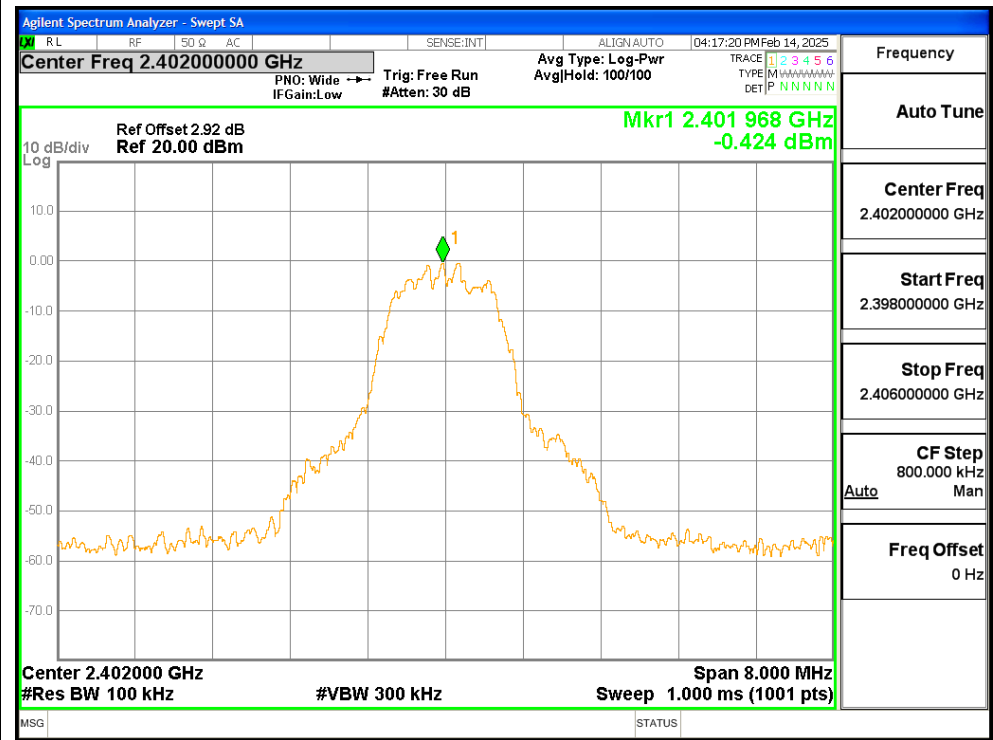




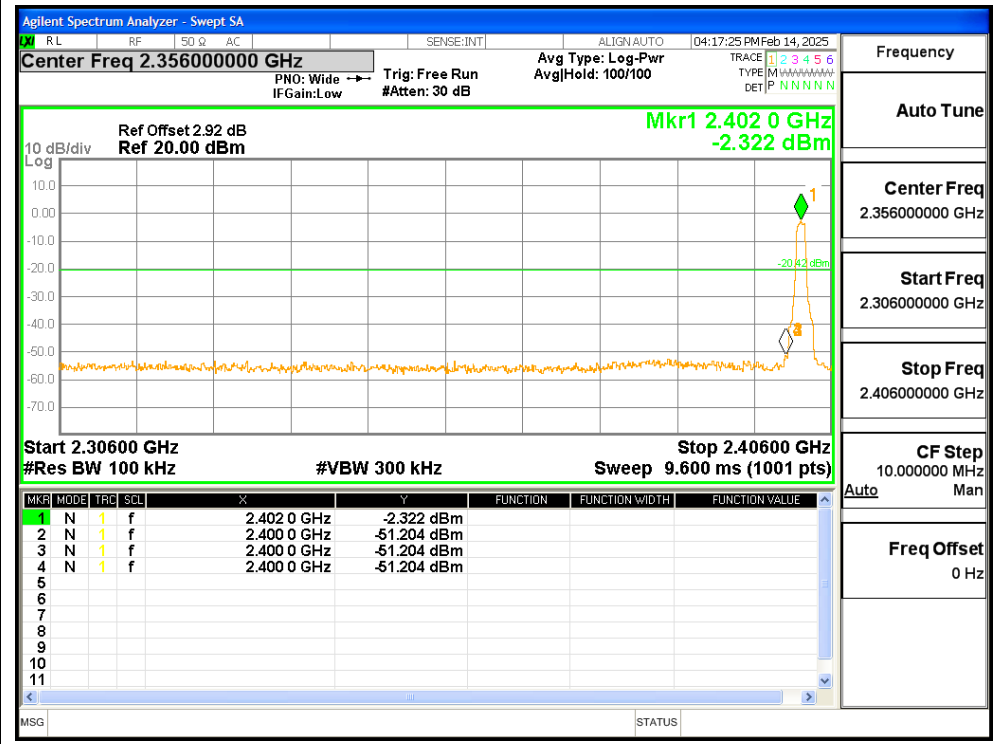


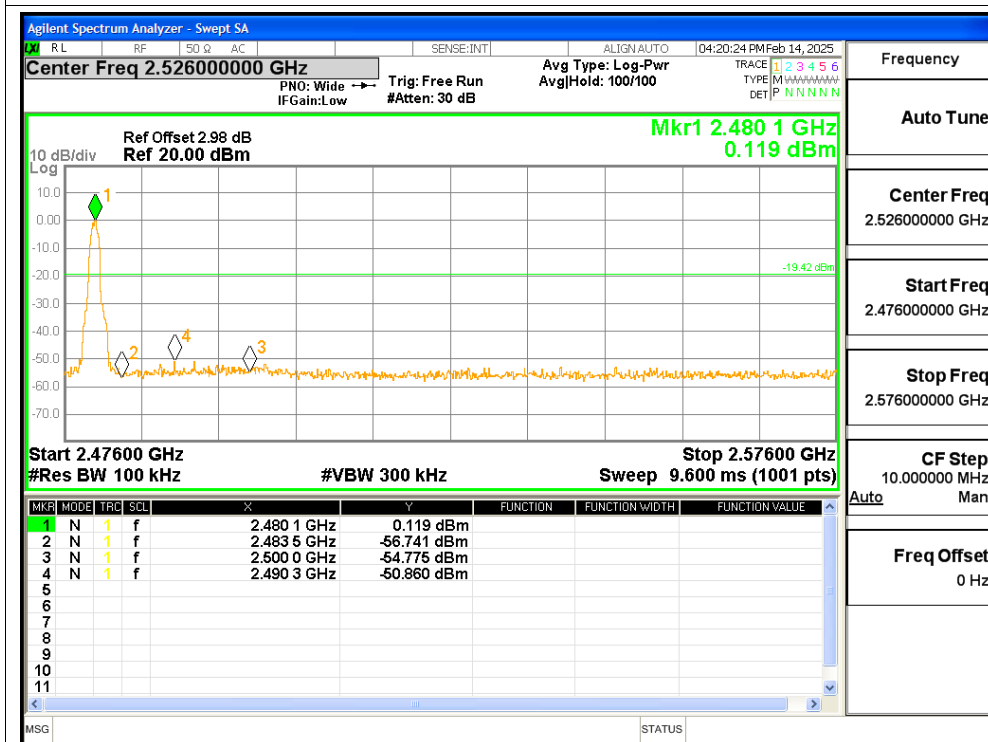
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Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission





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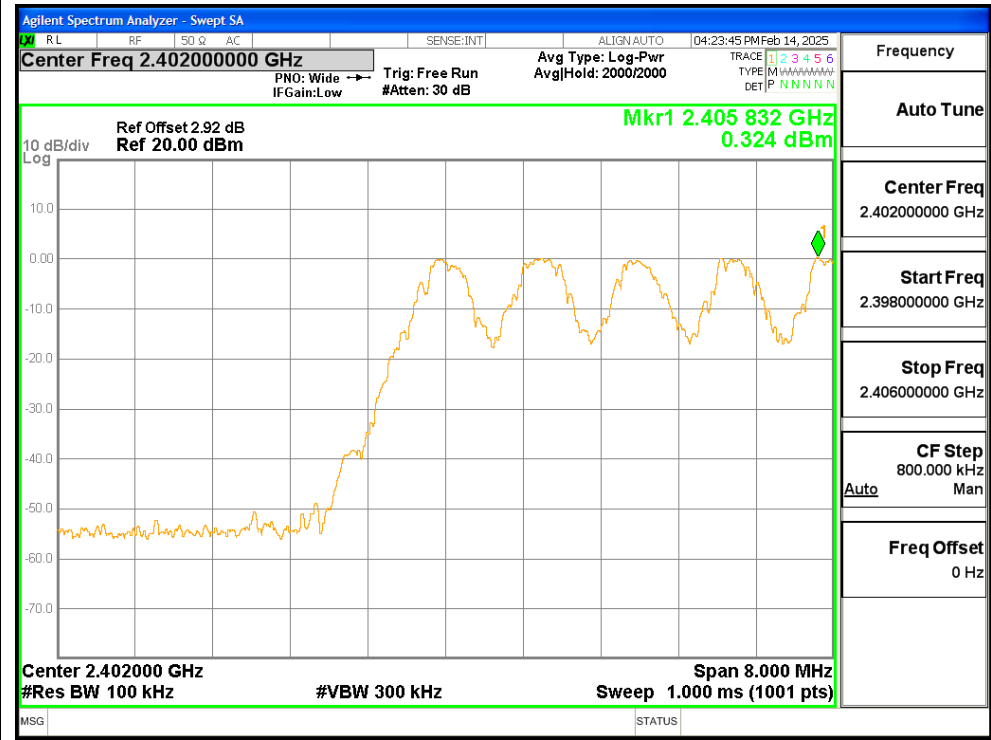
Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-51.75	-20	Pass
		2480		Hopping	-51.92	-20	Pass
	2-DH5	2402		Hopping	-51.57	-20	Pass
		2480		Hopping	-50.18	-20	Pass
	3-DH5	2402		Hopping	-51.32	-20	Pass
		2480		Hopping	-51.35	-20	Pass

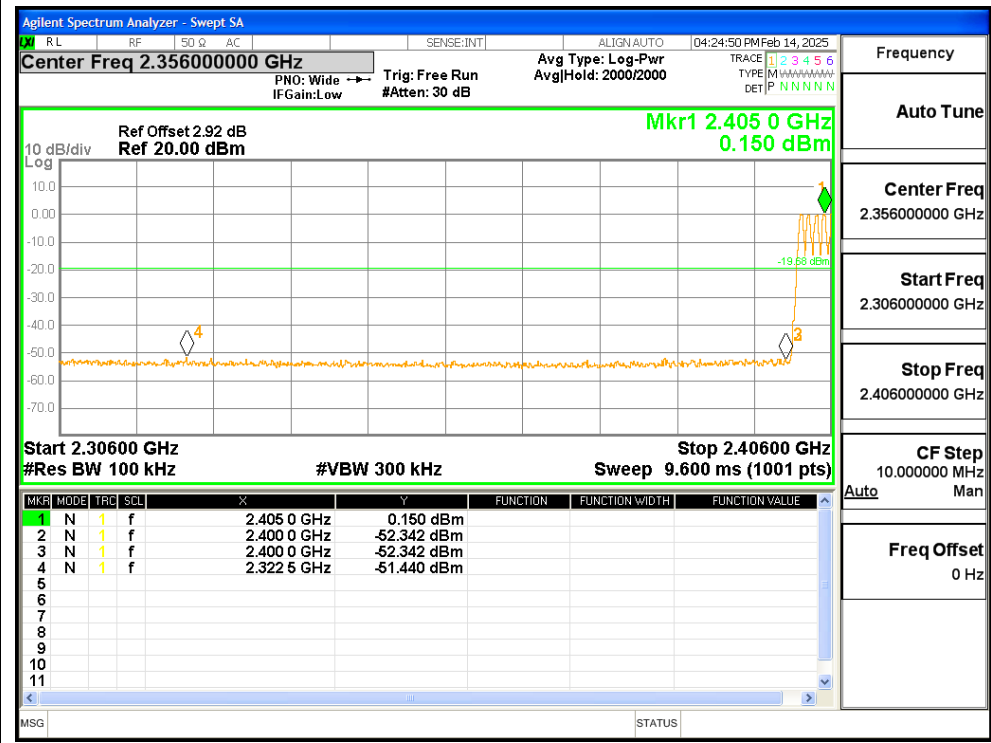
GTSL2025020052F04

Test Graphs

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref

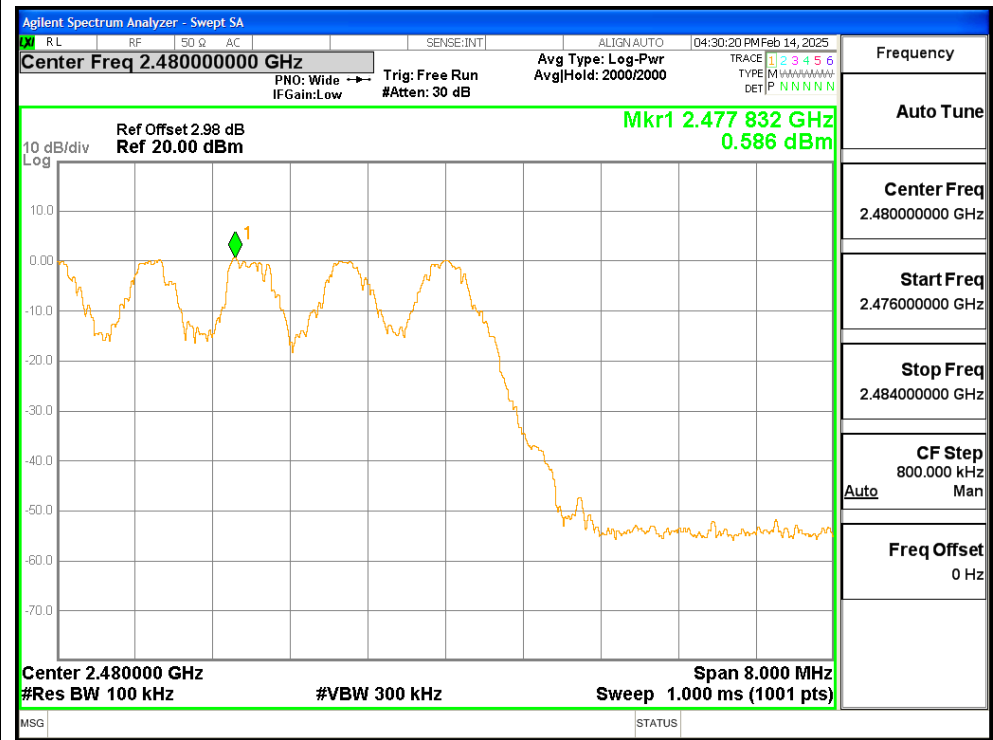


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

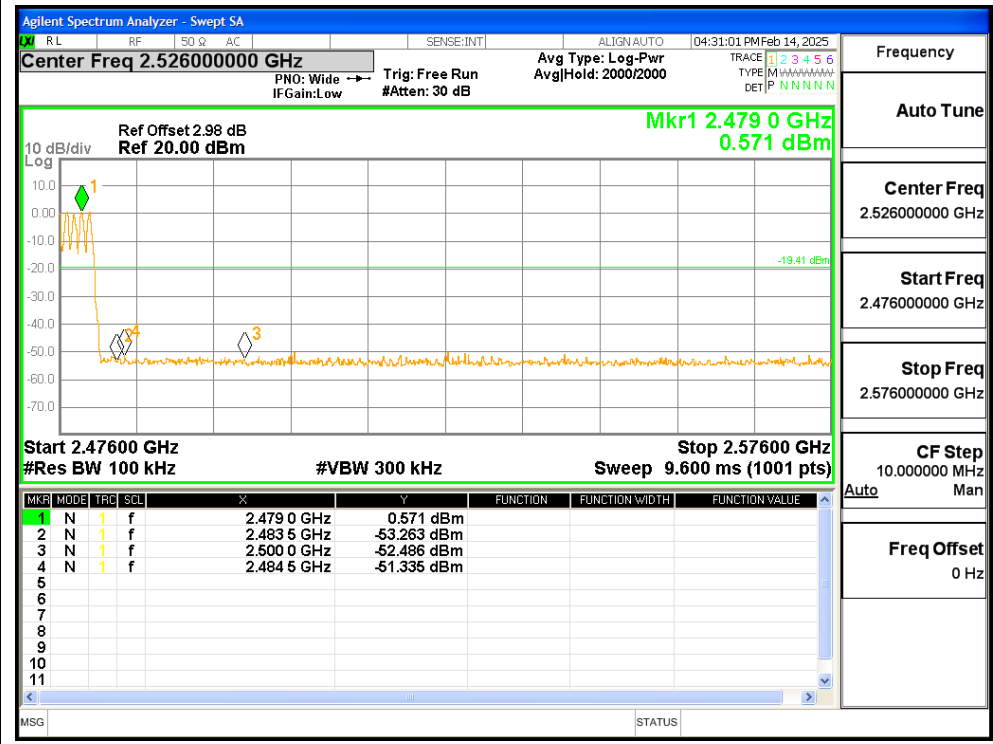


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Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref

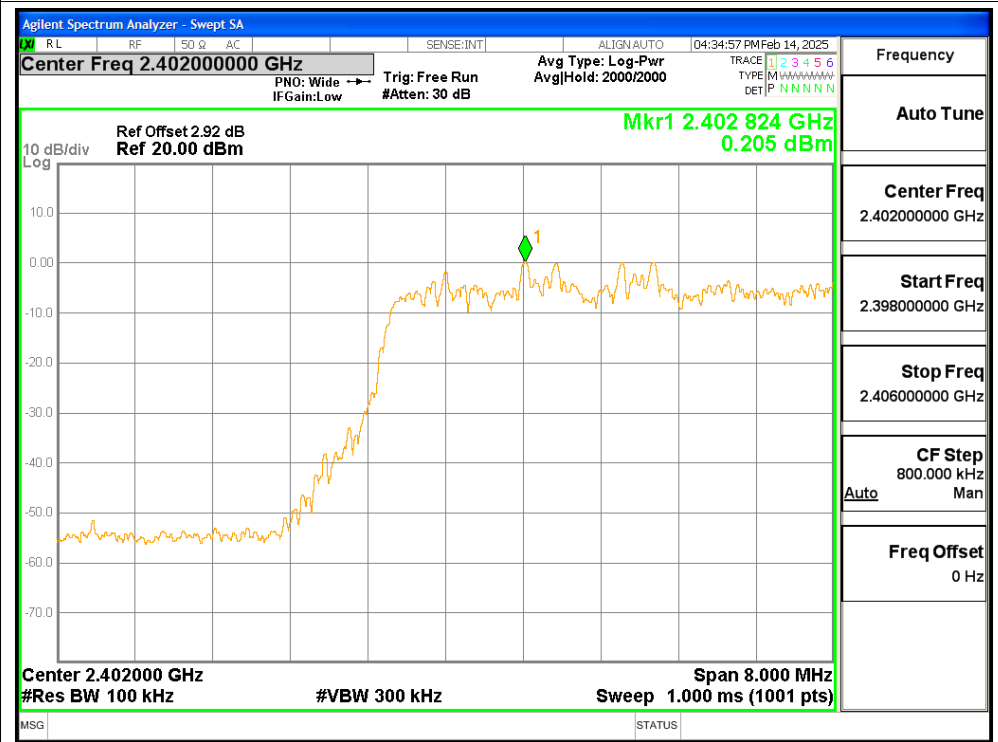


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

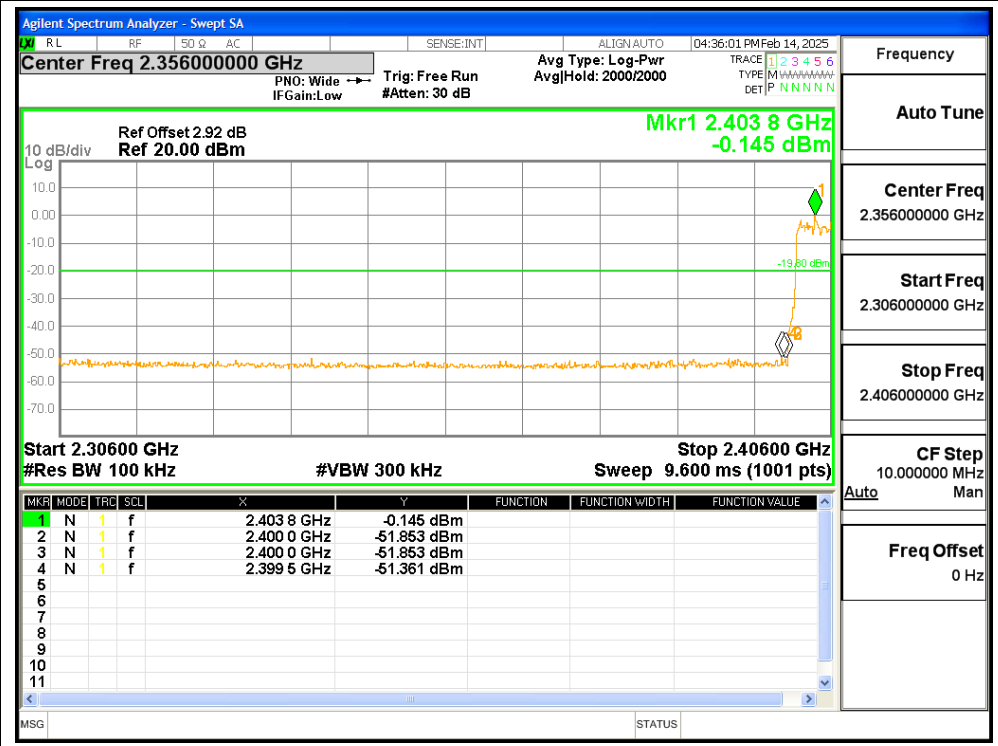


GTSL2025020052F04

Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref

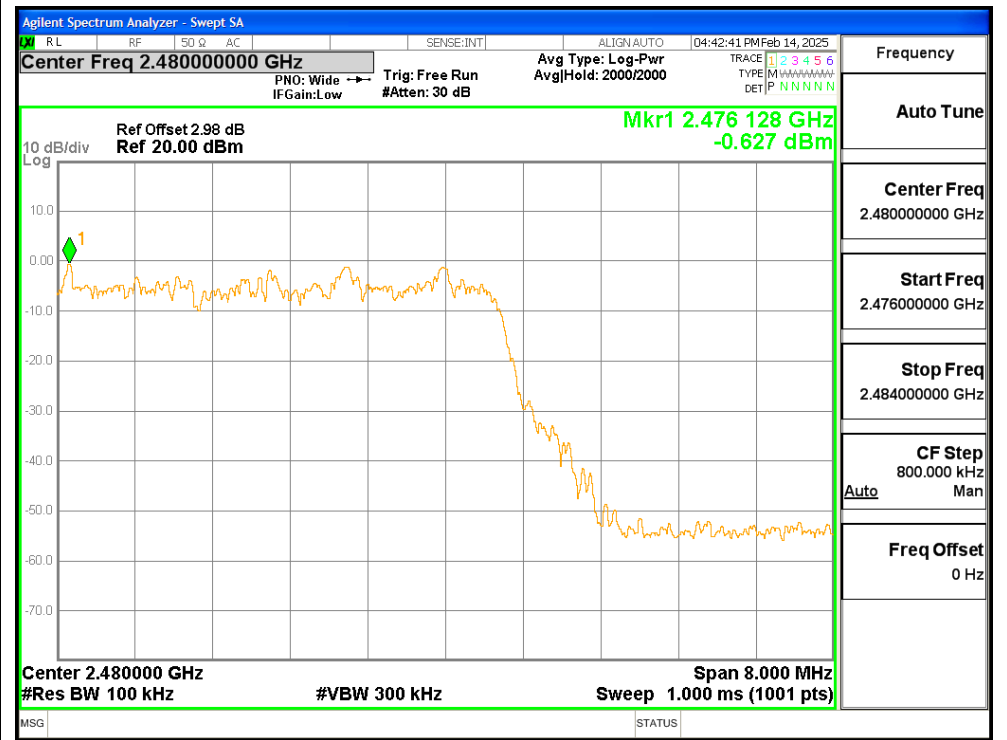


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

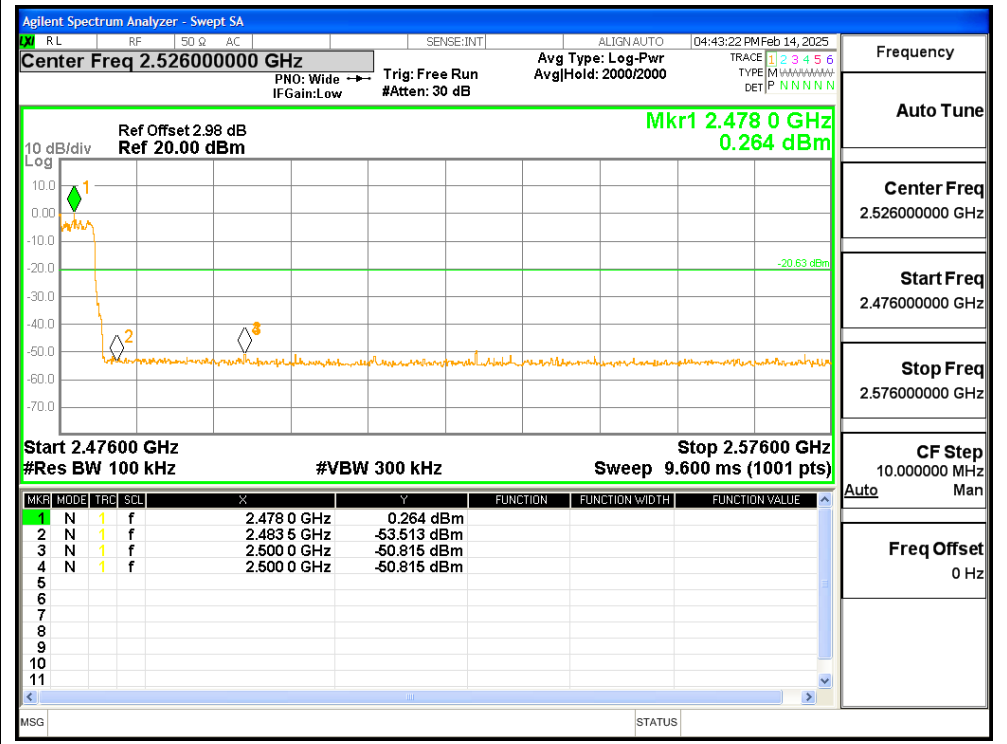


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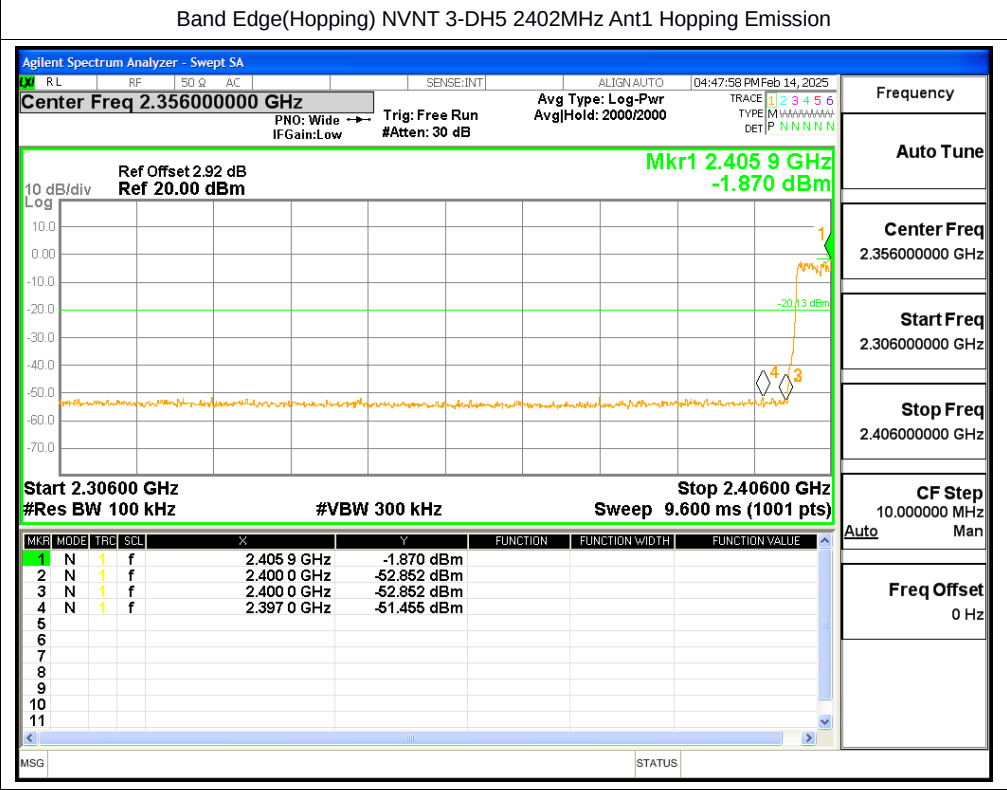
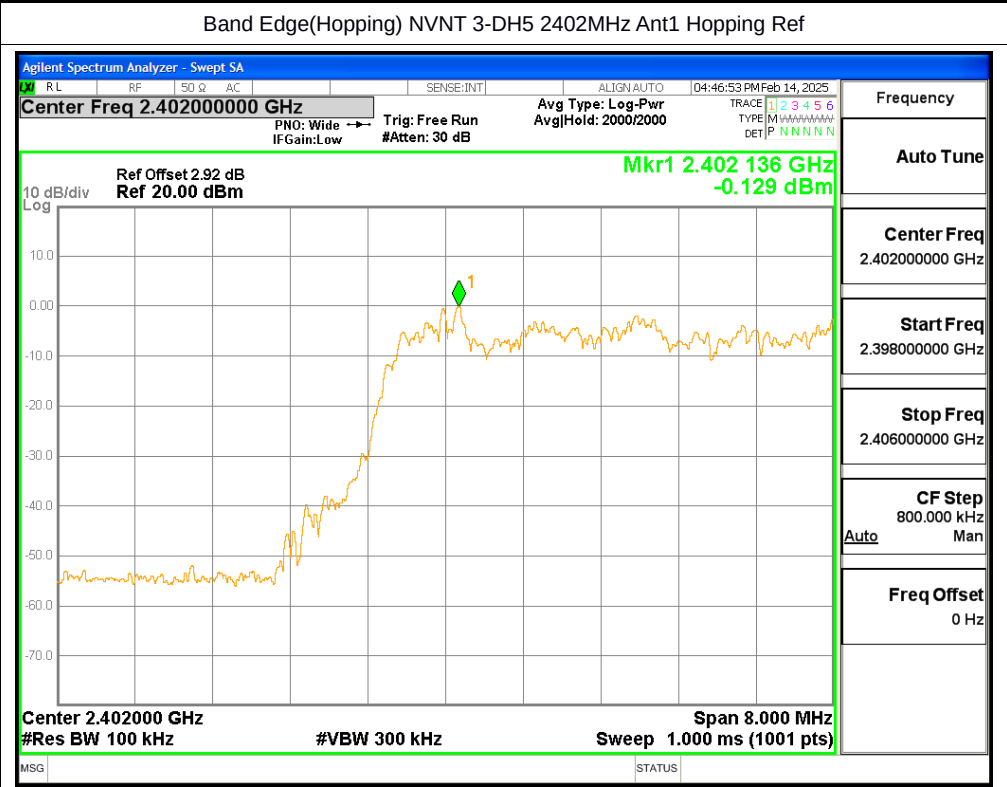
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

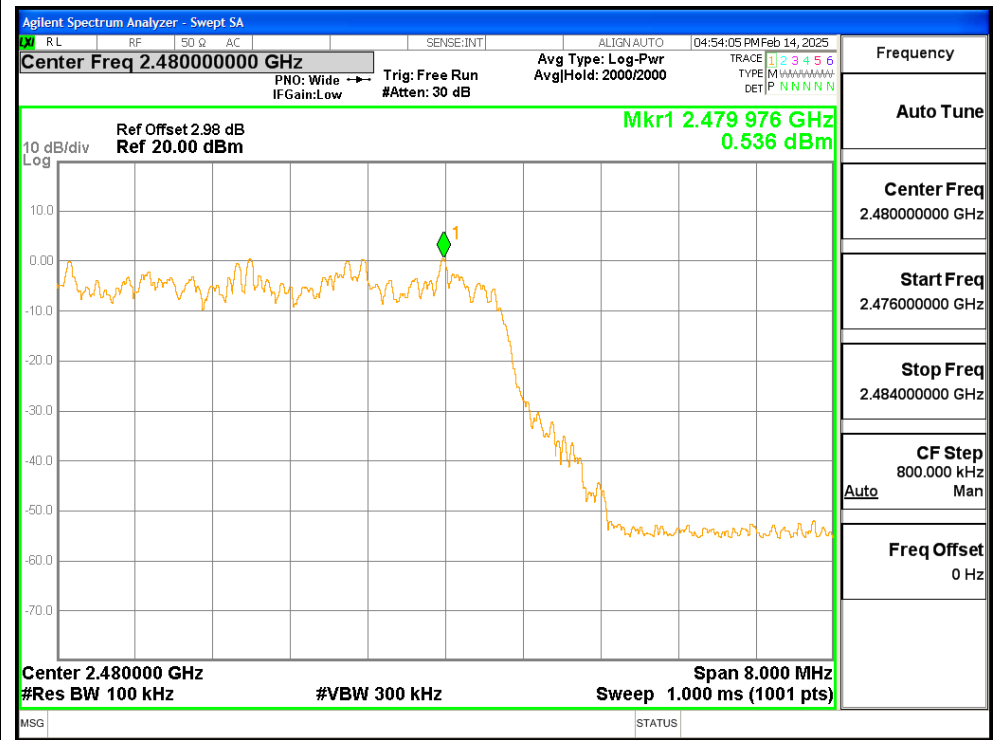


GTSL2025020052F04

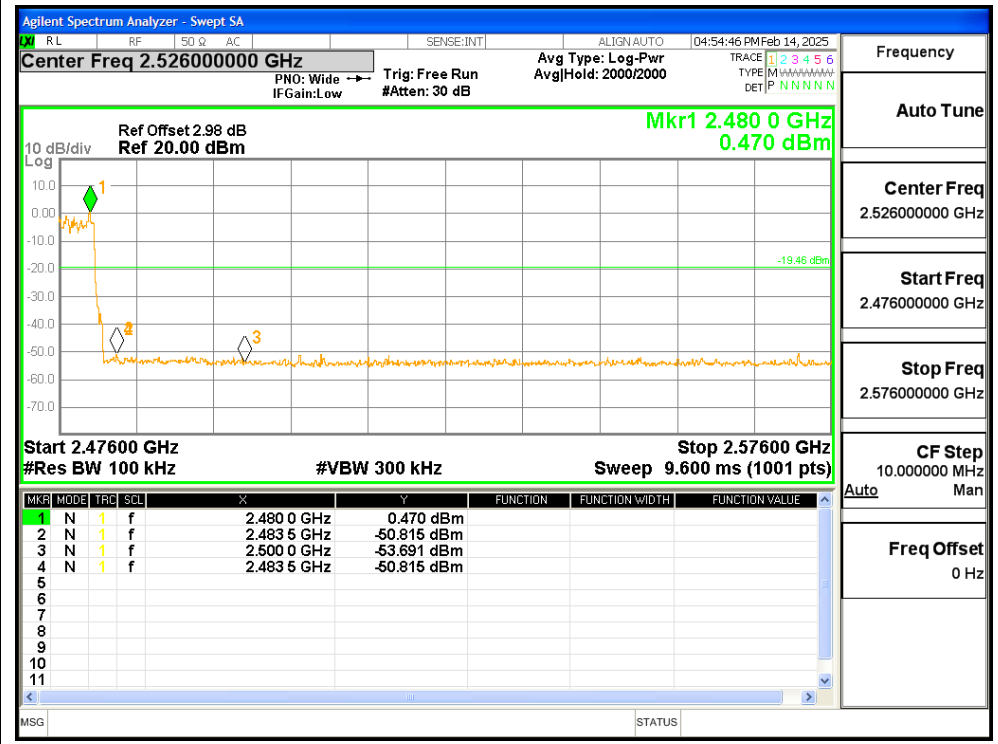


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Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission



GTSL2025020052F04

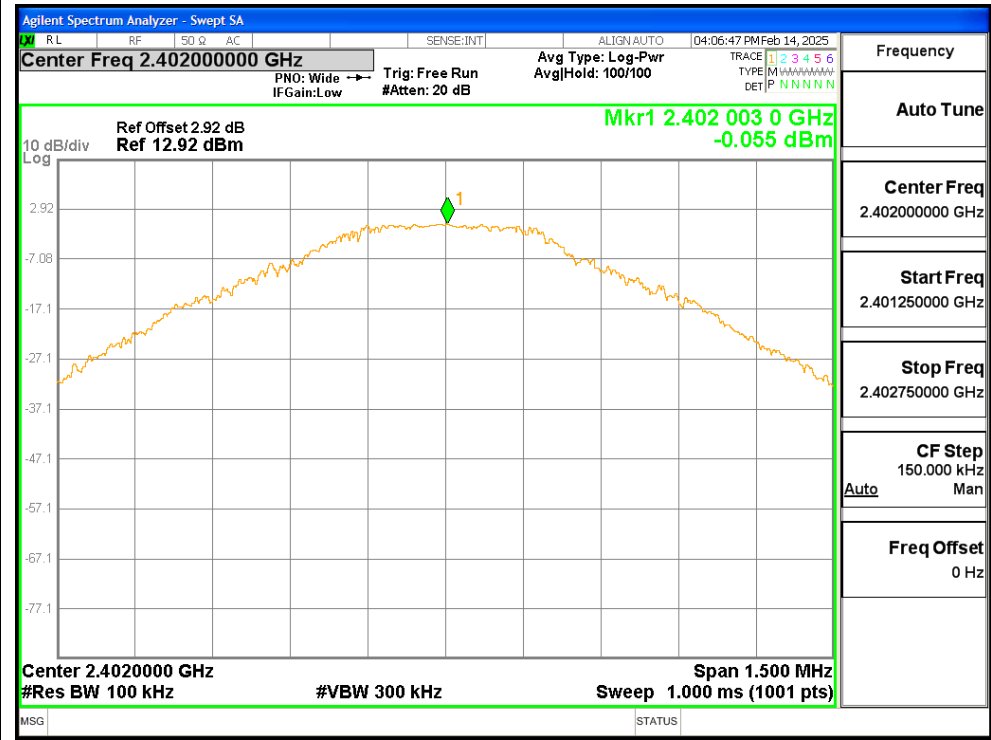
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-39.13	-20	Pass
		2441		-39.53	-20	Pass
		2480		-40.7	-20	Pass
	2-DH5	2402		-41.26	-20	Pass
		2441		-42.15	-20	Pass
		2480		-42.68	-20	Pass
	3-DH5	2402		-42.53	-20	Pass
		2441		-40.05	-20	Pass
		2480		-41.25	-20	Pass

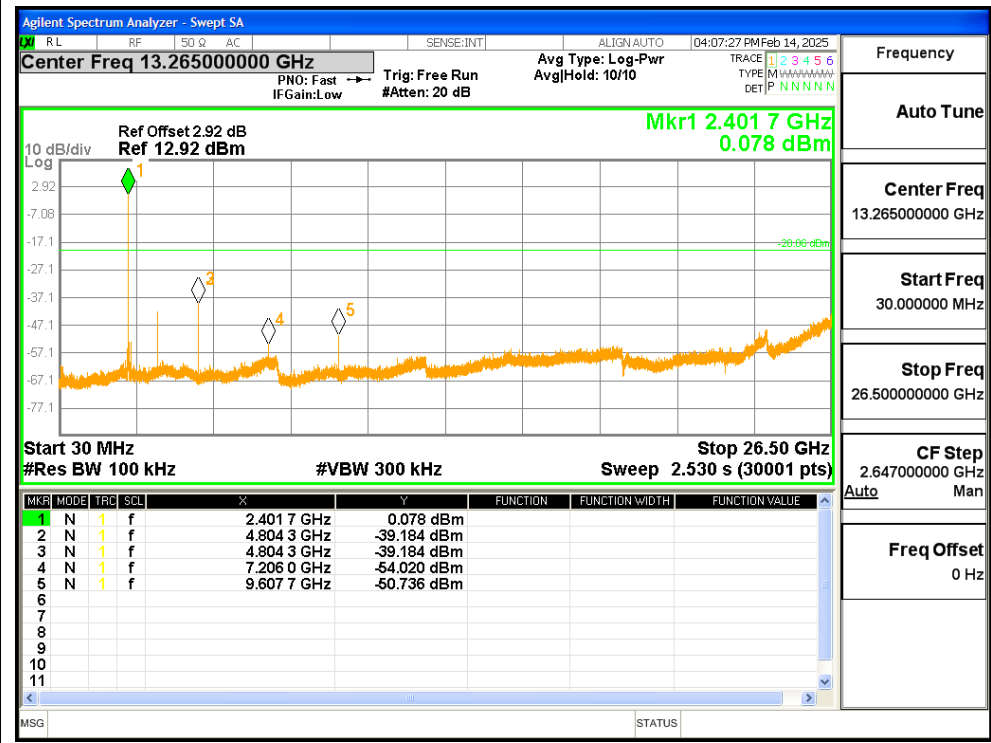
GTSL2025020052F04

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

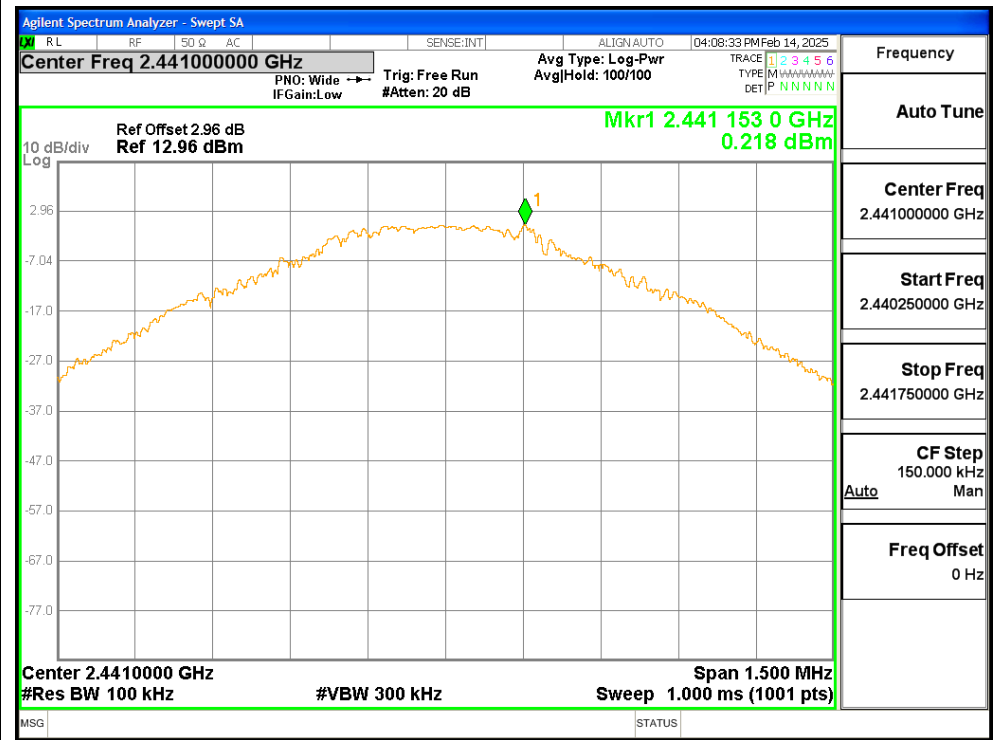


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

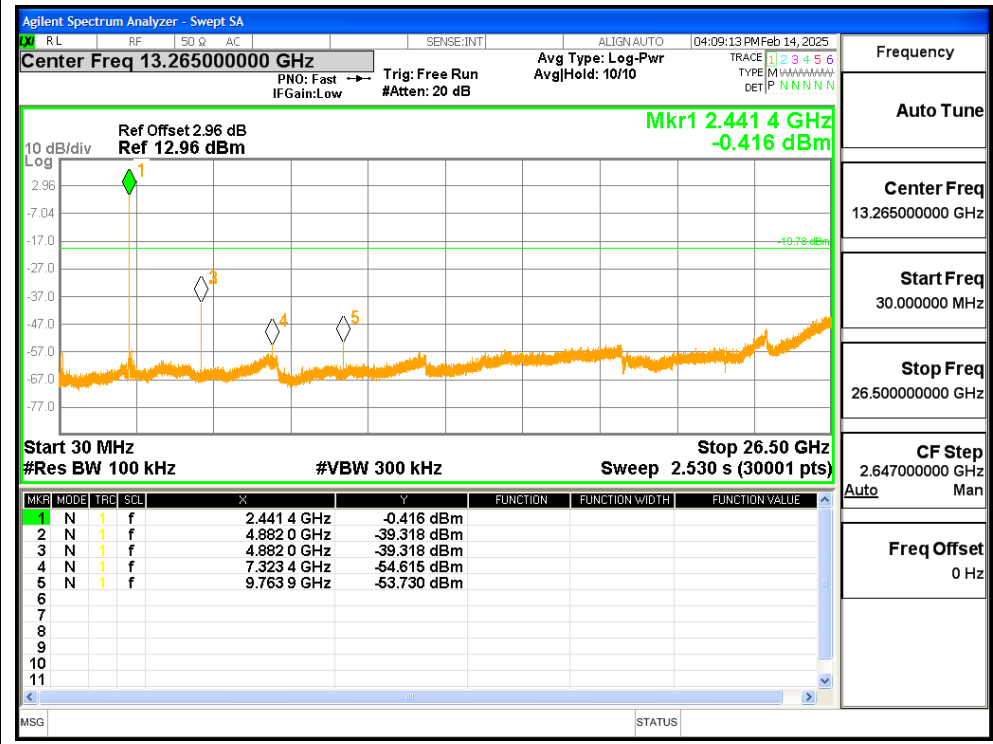


GTSL2025020052F04

Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

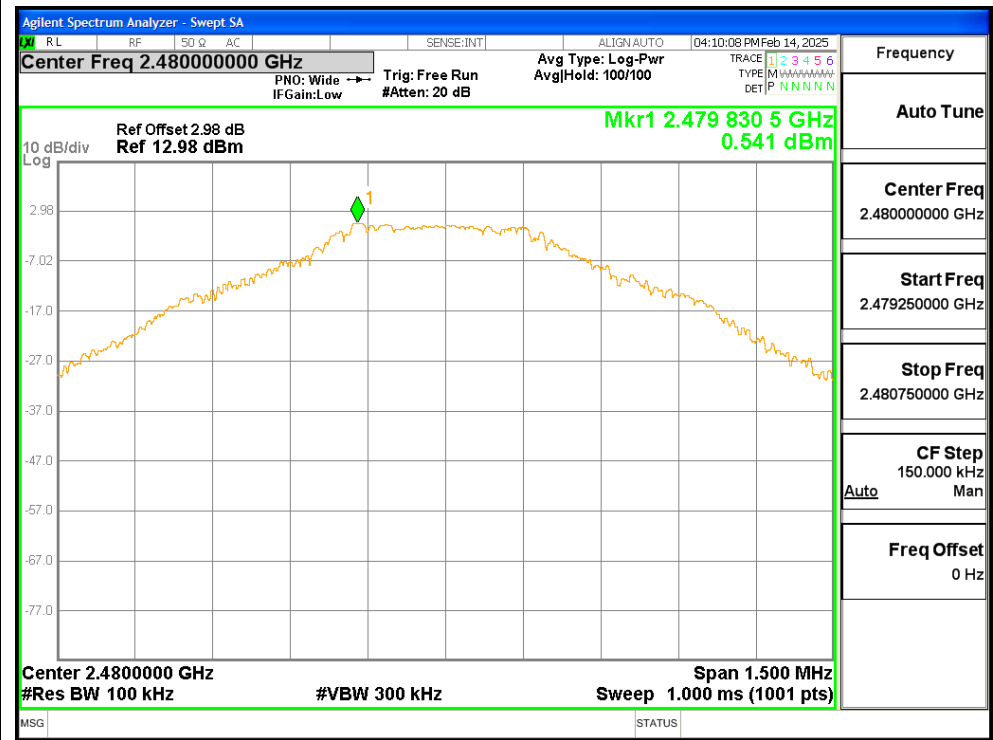


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

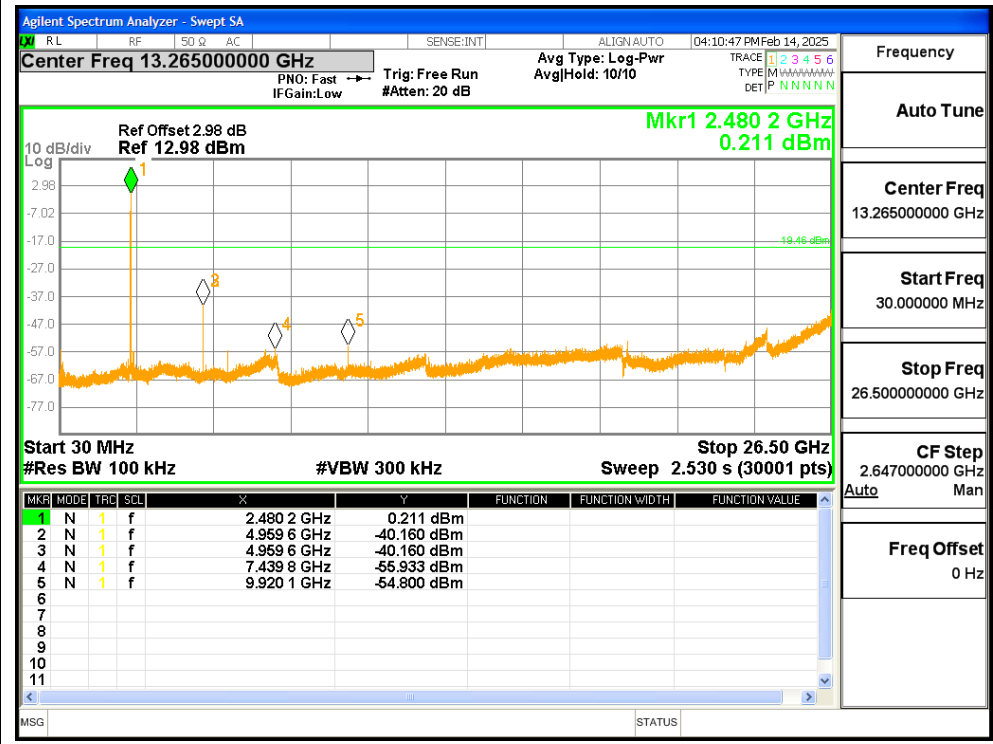


GTSL2025020052F04

Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref

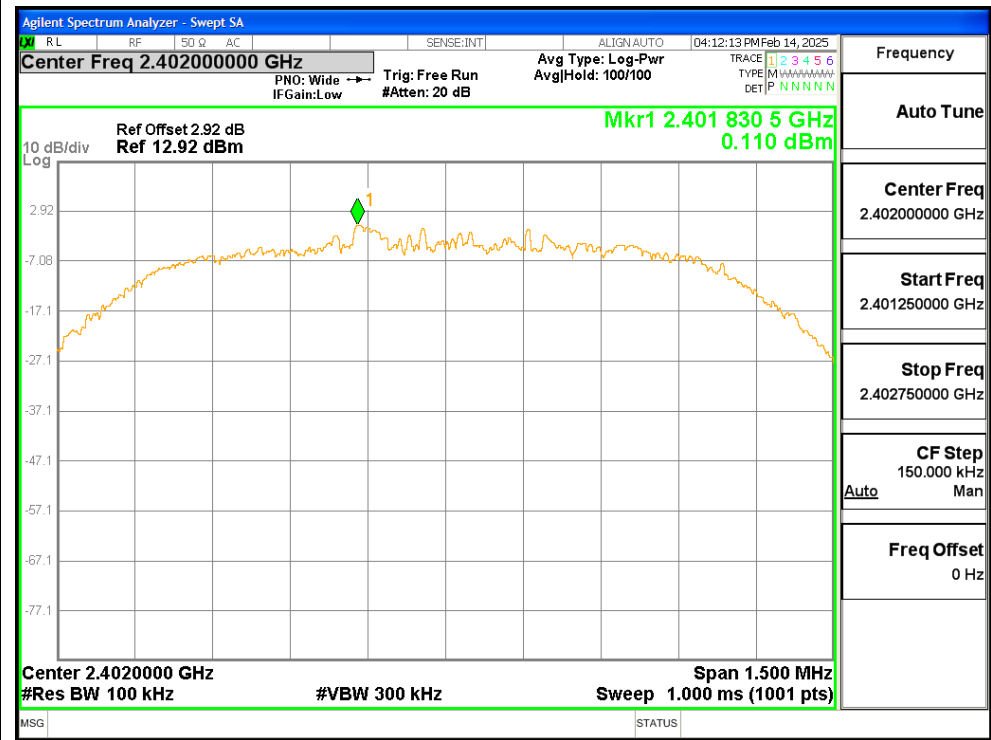


Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

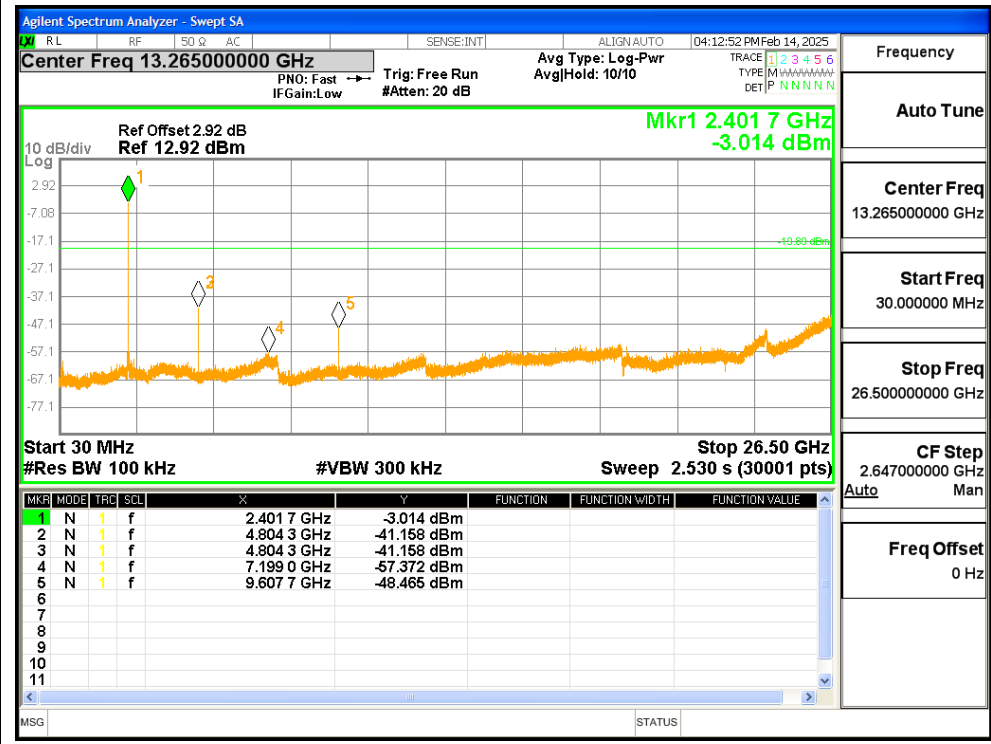


GTSL2025020052F04

Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref

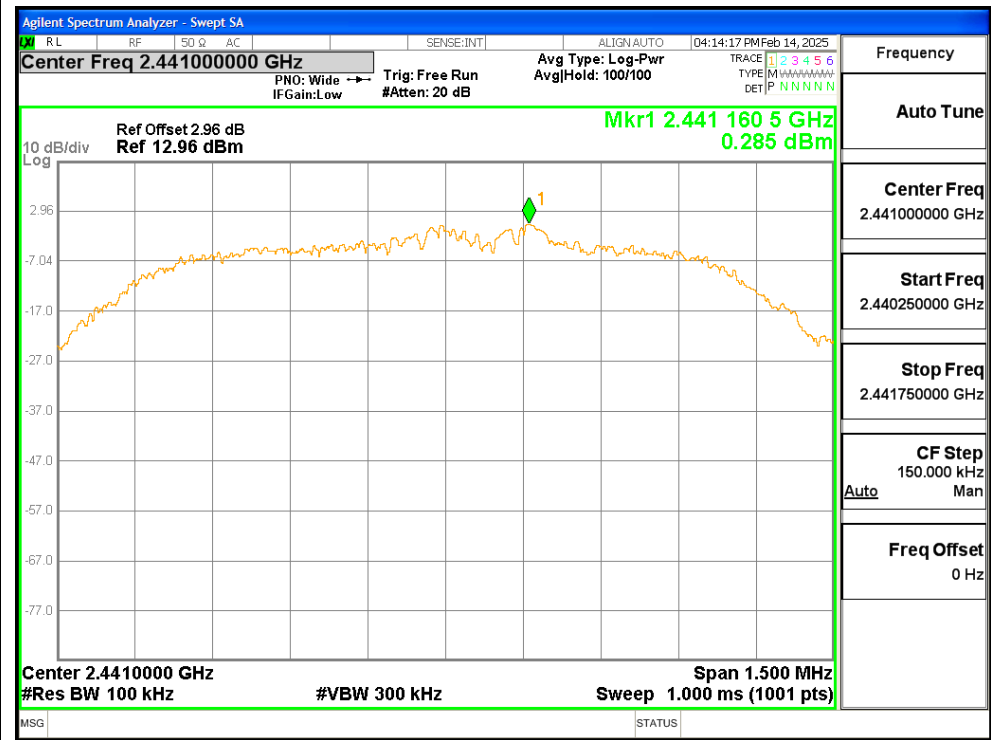


Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

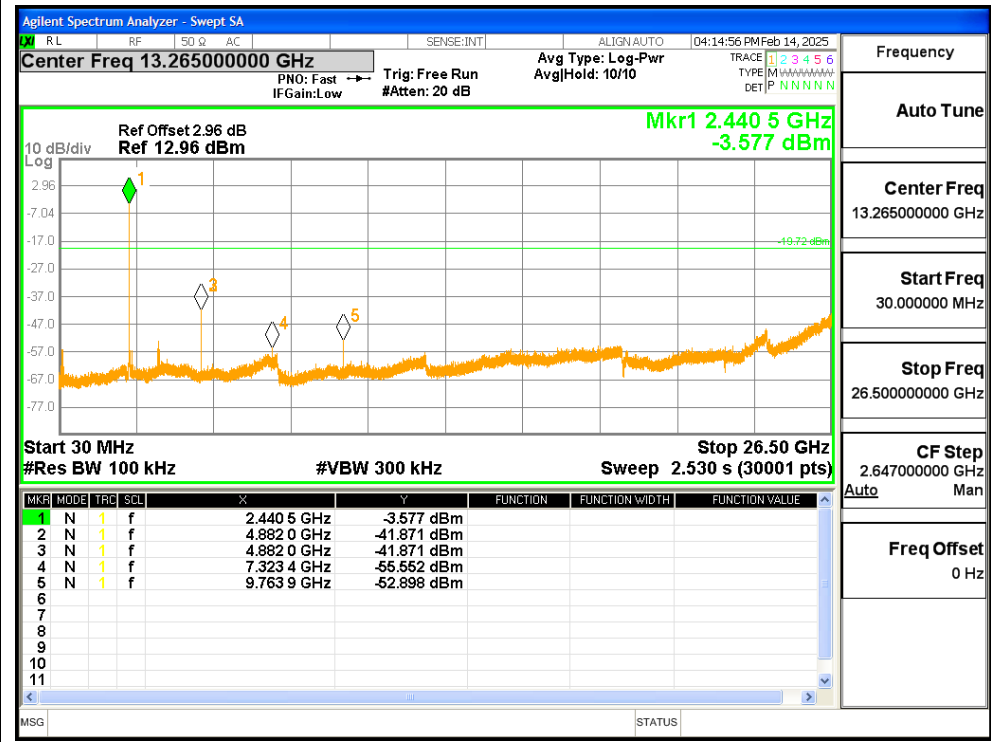


GTSL2025020052F04

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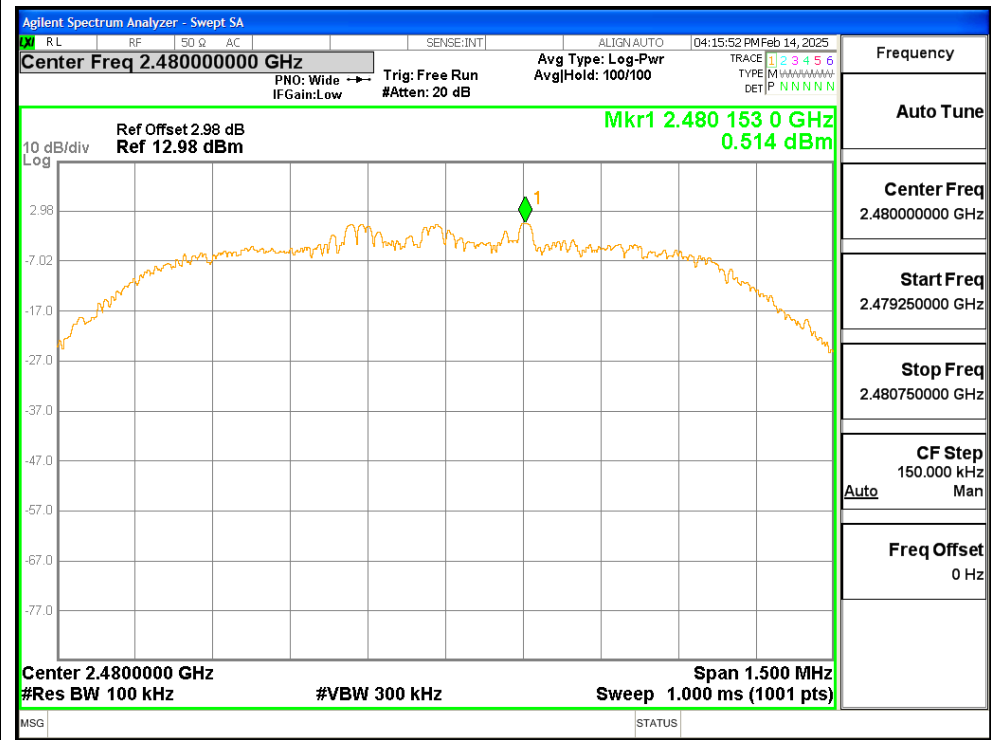


Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

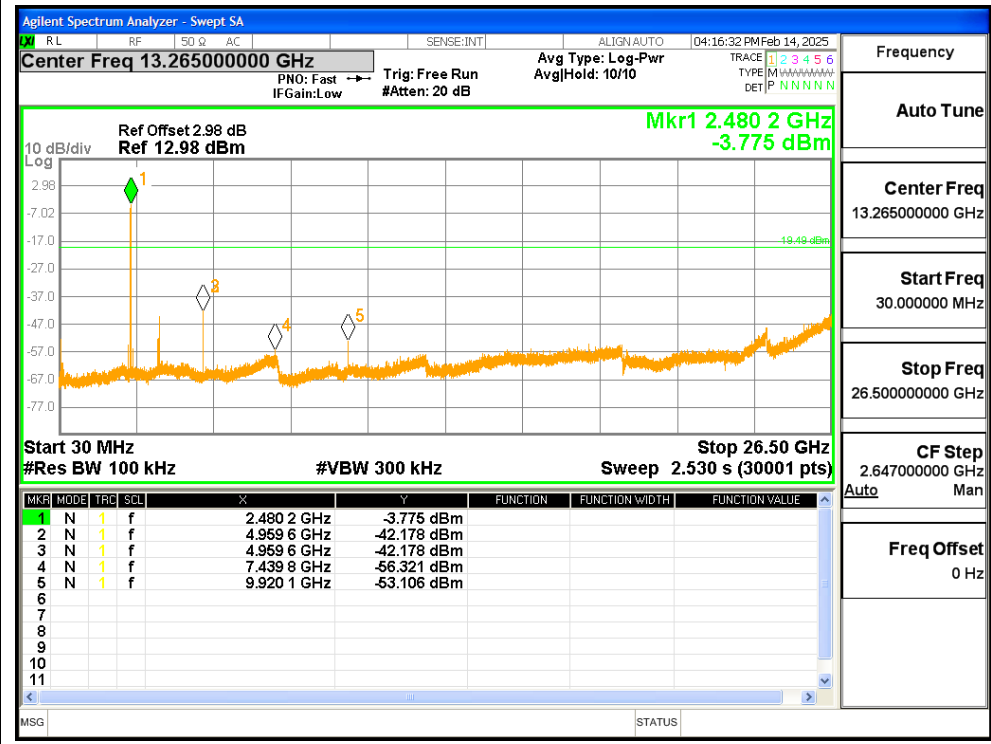


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Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref

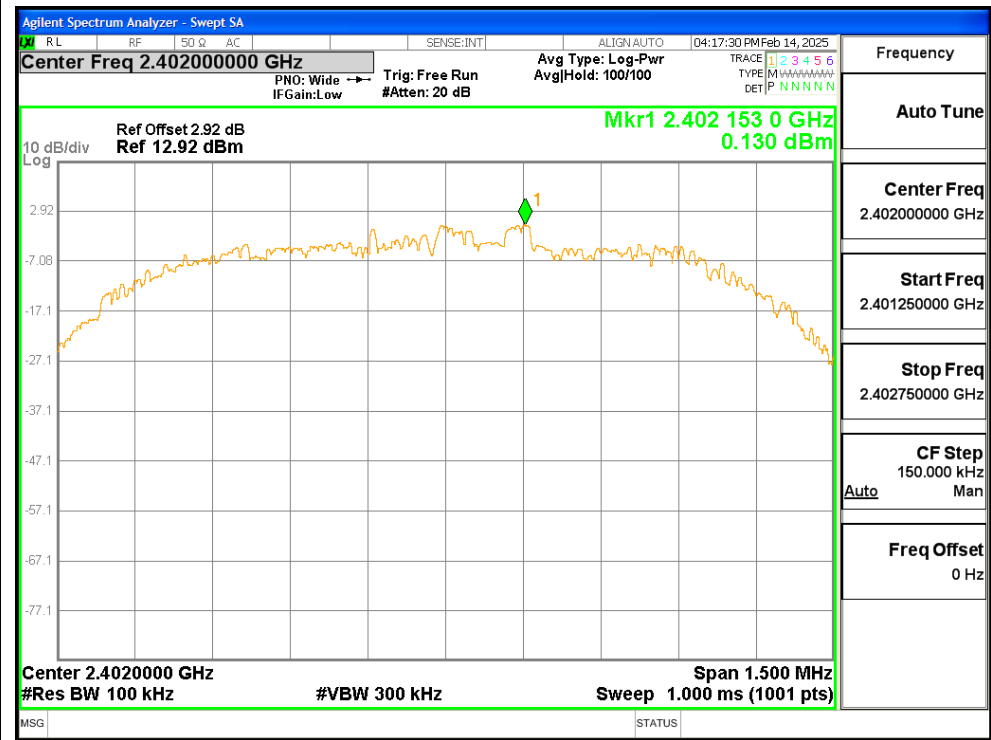


Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission

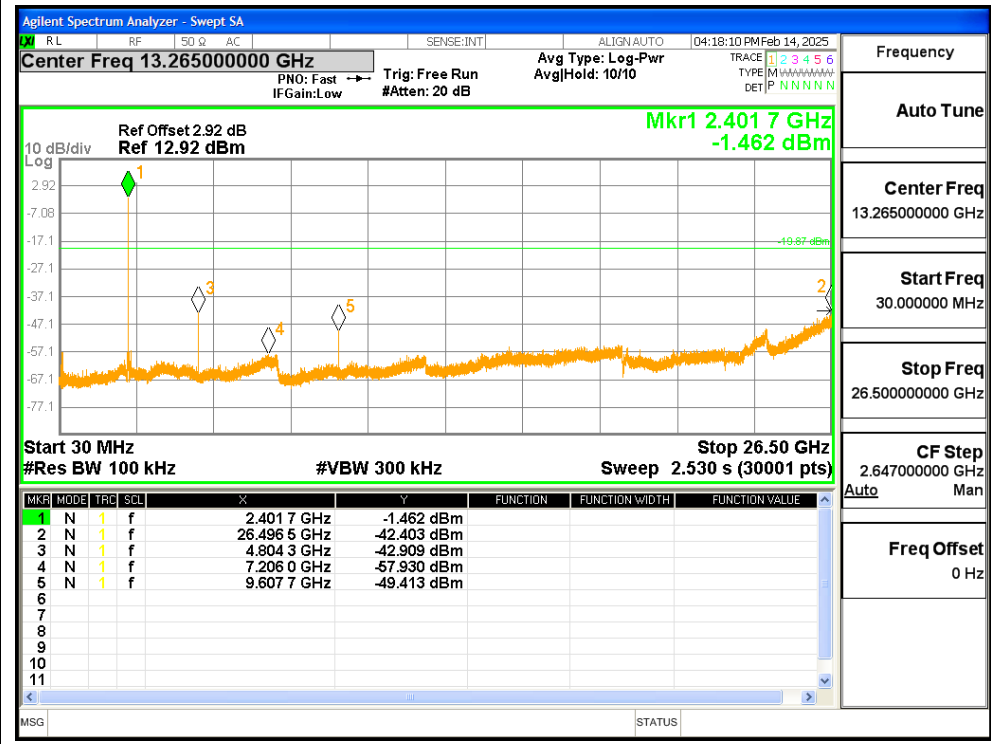


GTSL2025020052F04

Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref

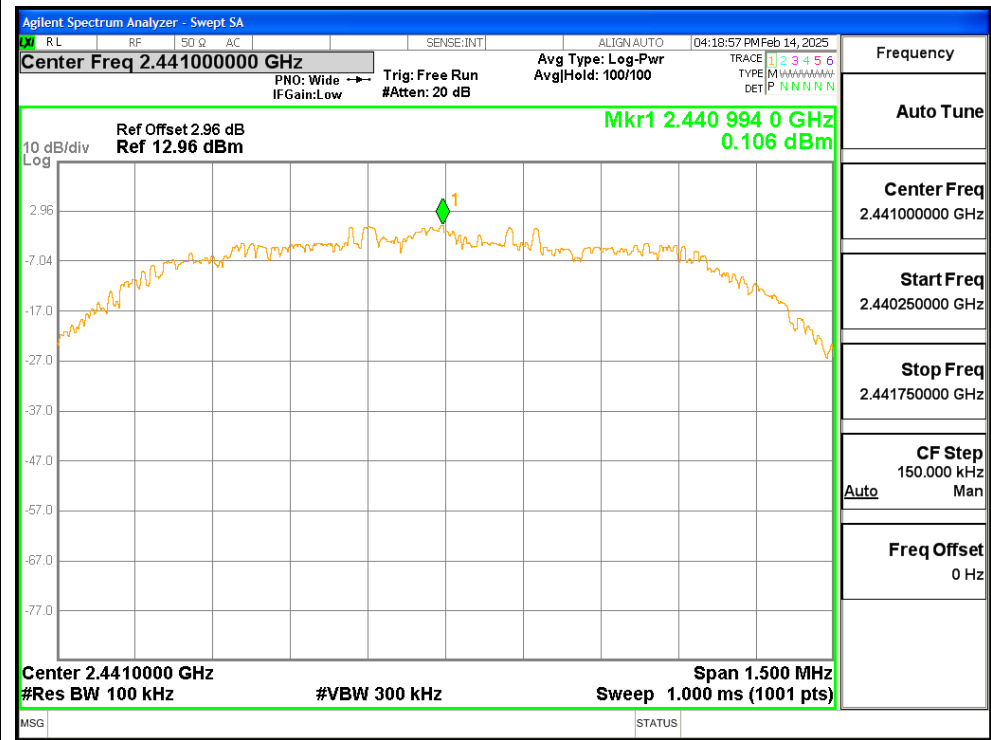


Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

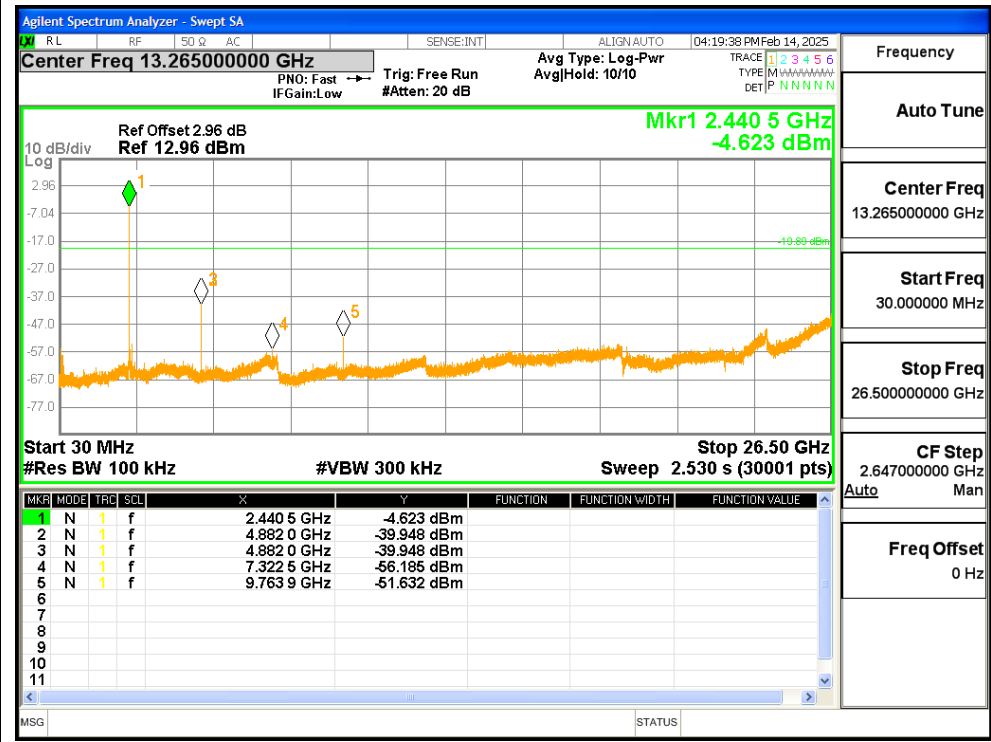


GTSL2025020052F04

Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref

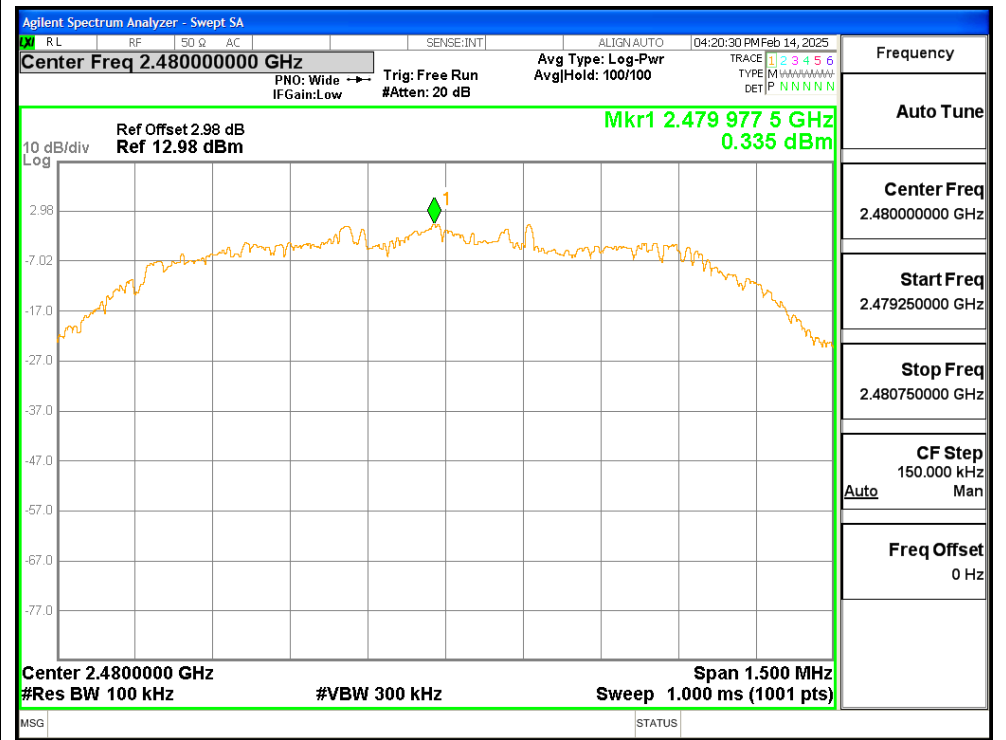


Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



GTSL2025020052F04

Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

