

GTSL2025020052F03

Appendix

Duty Cycle.....	2
Maximum Conducted Output Power	9
-6dB Bandwidth	10
Occupied Channel Bandwidth	17
Maximum Power Spectral Density Level.....	24
Band Edge	31
Conducted RF Spurious Emission	40

GTSL2025020052F03

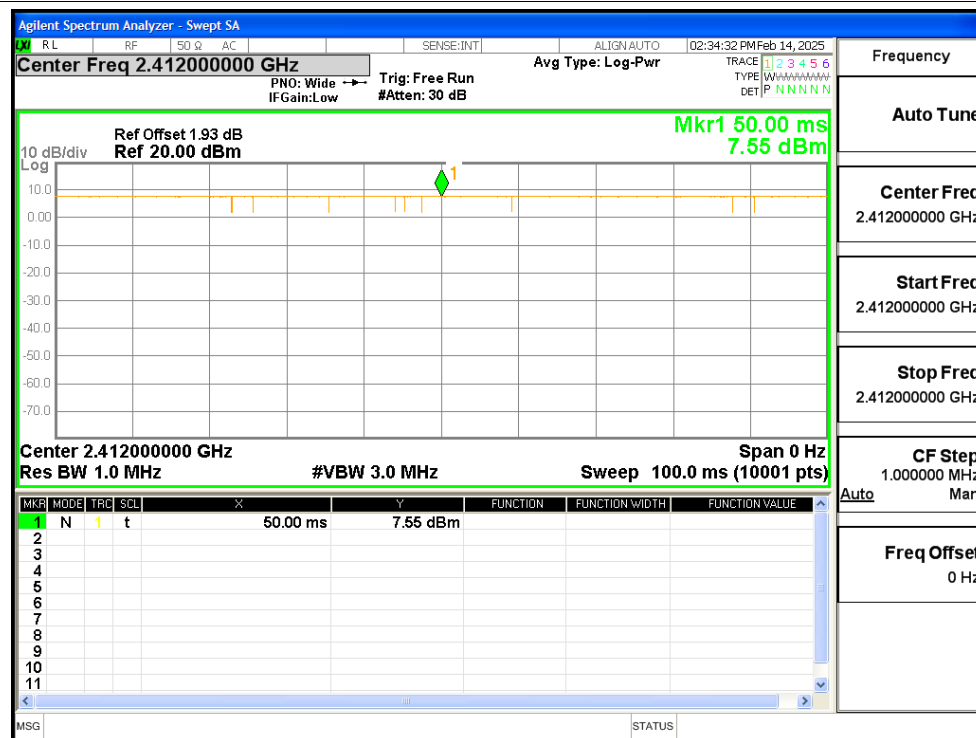
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	100	0	0
		2437		100	0	0
		2462		100	0	0
	g	2412		100	0	0
		2437		100	0	0
		2462		100	0	0
	n20	2412		100	0	0
		2437		100	0	0
		2462		100	0	0
	n40	2422		100	0	0
		2437		100	0	0
		2452		100	0	0

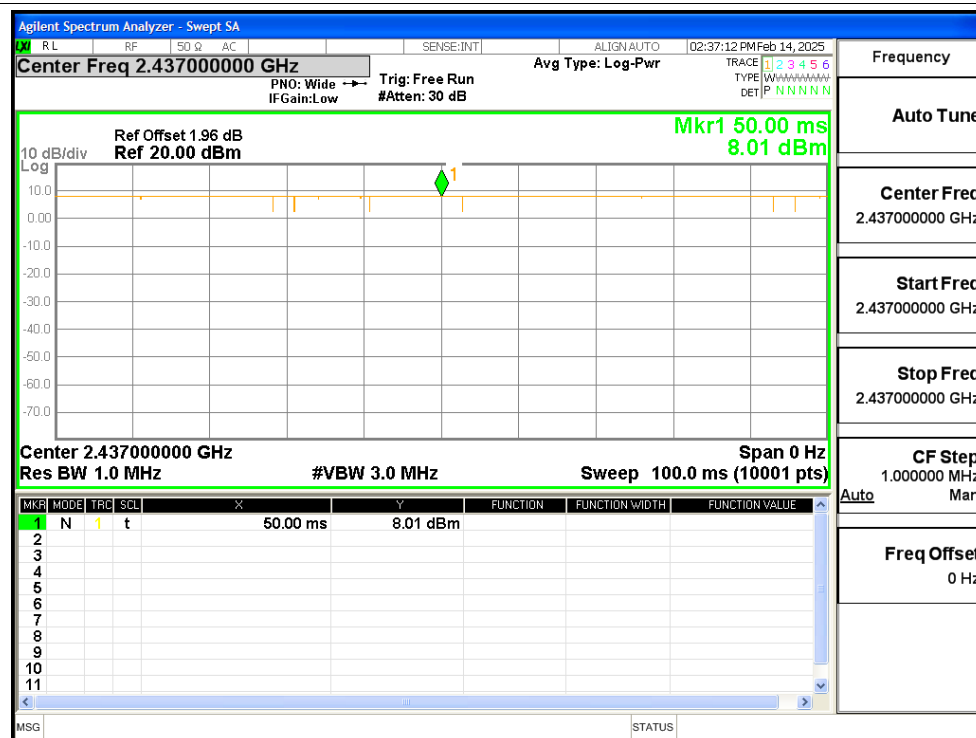
GTSL2025020052F03

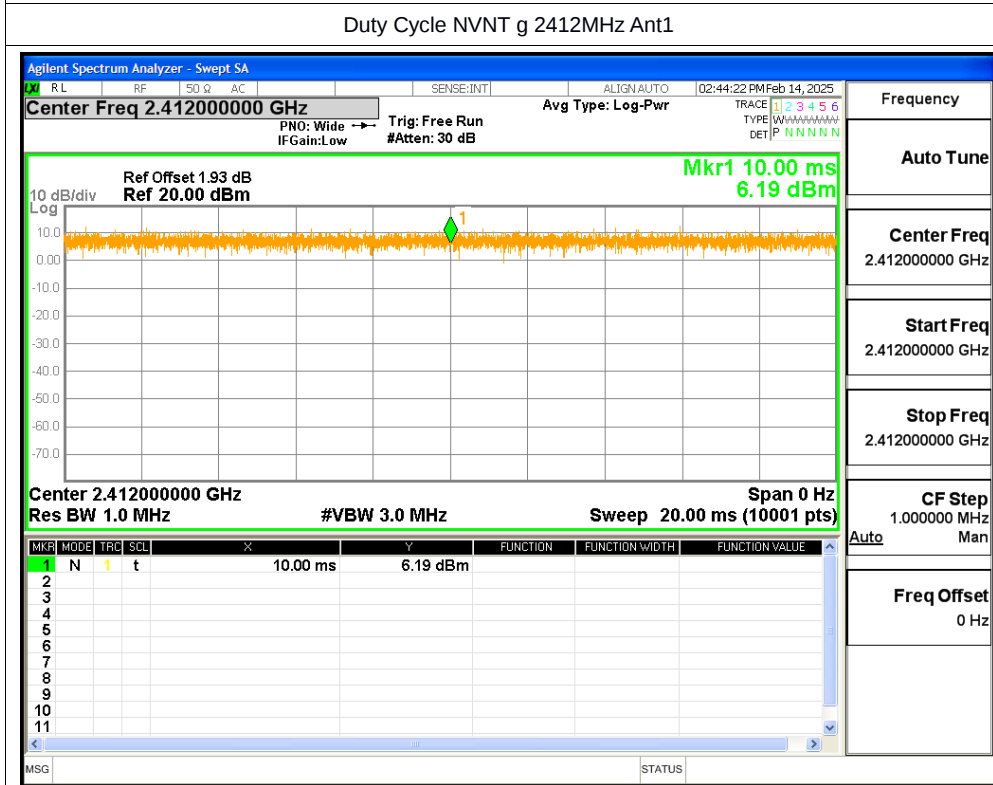
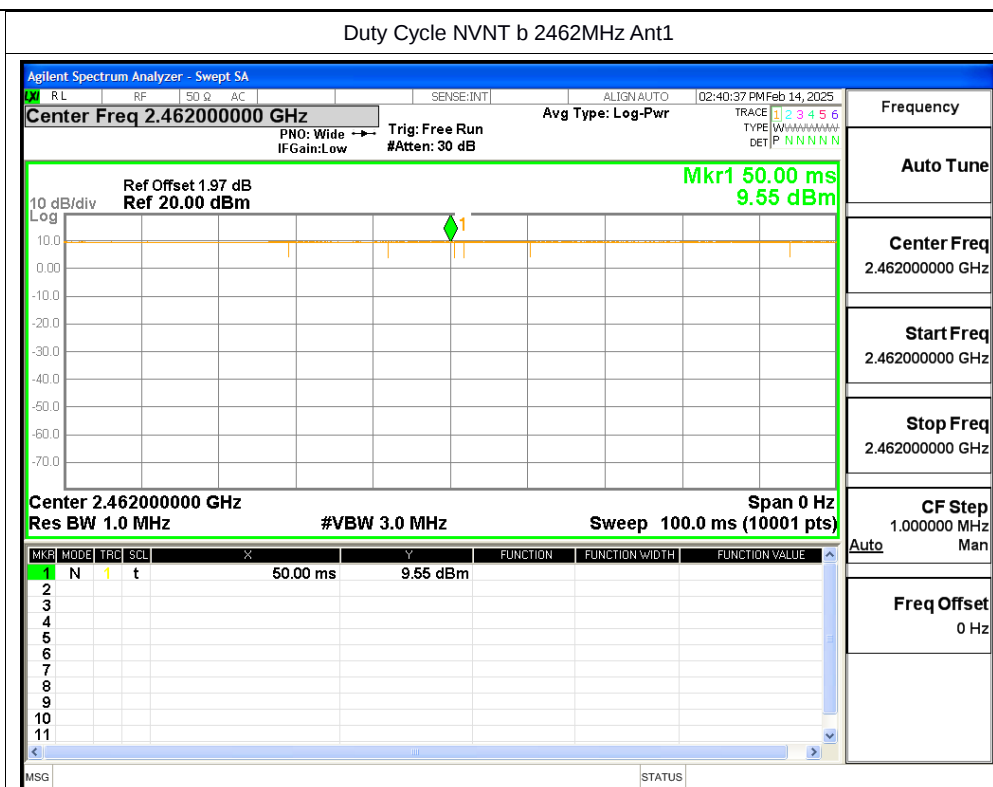
Test Graphs

Duty Cycle NVNT b 2412MHz Ant1



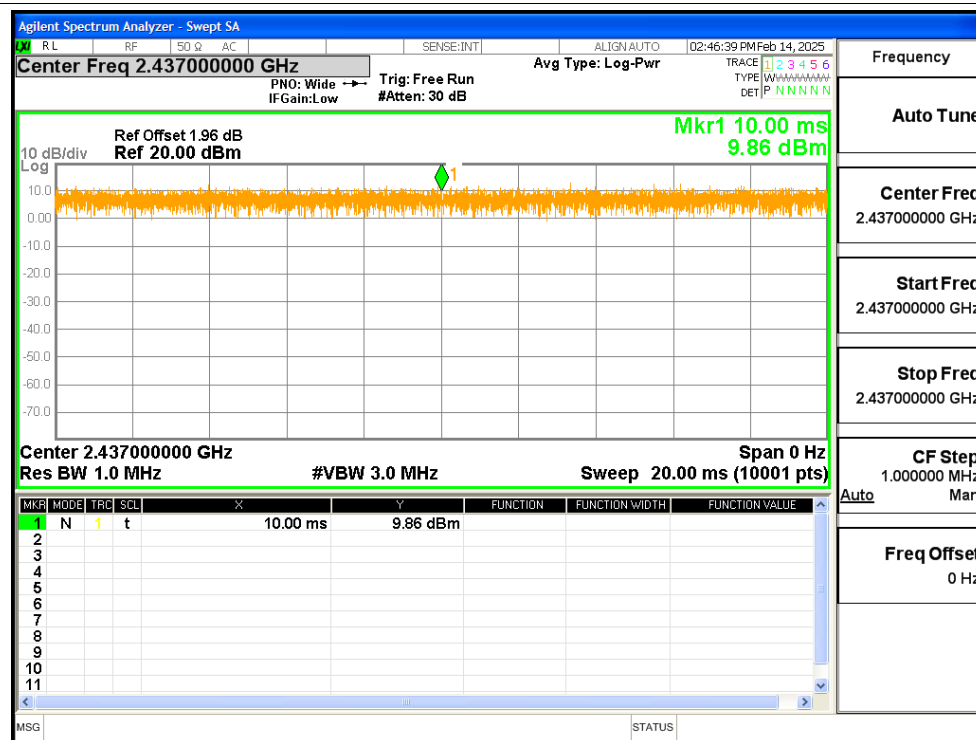
Duty Cycle NVNT b 2437MHz Ant1



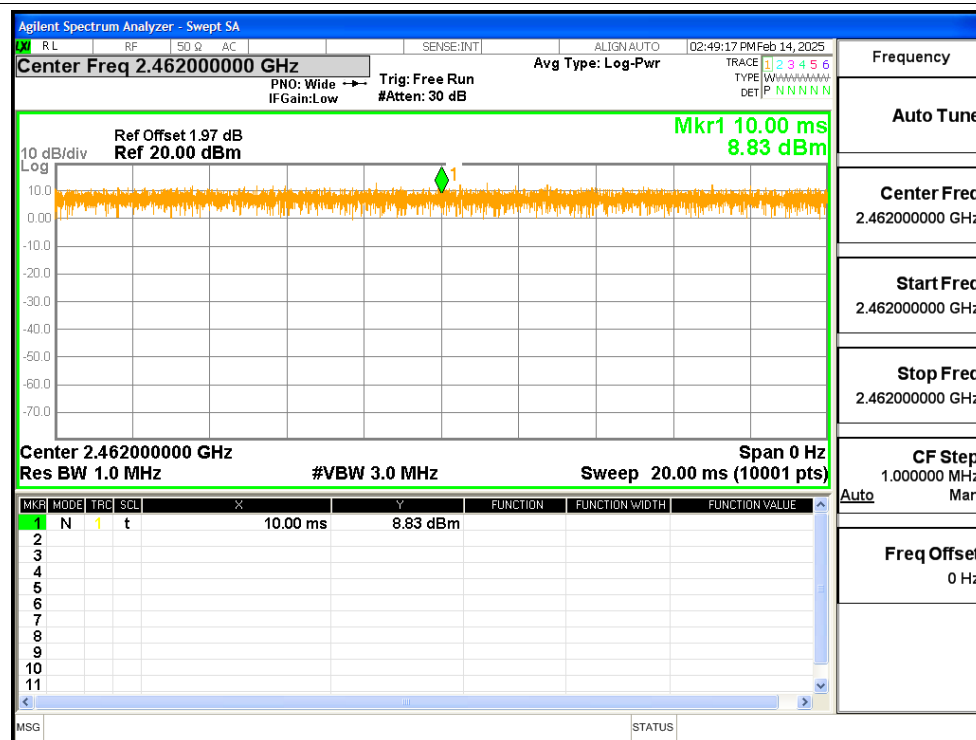


GTSL2025020052F03

Duty Cycle NVNT g 2437MHz Ant1

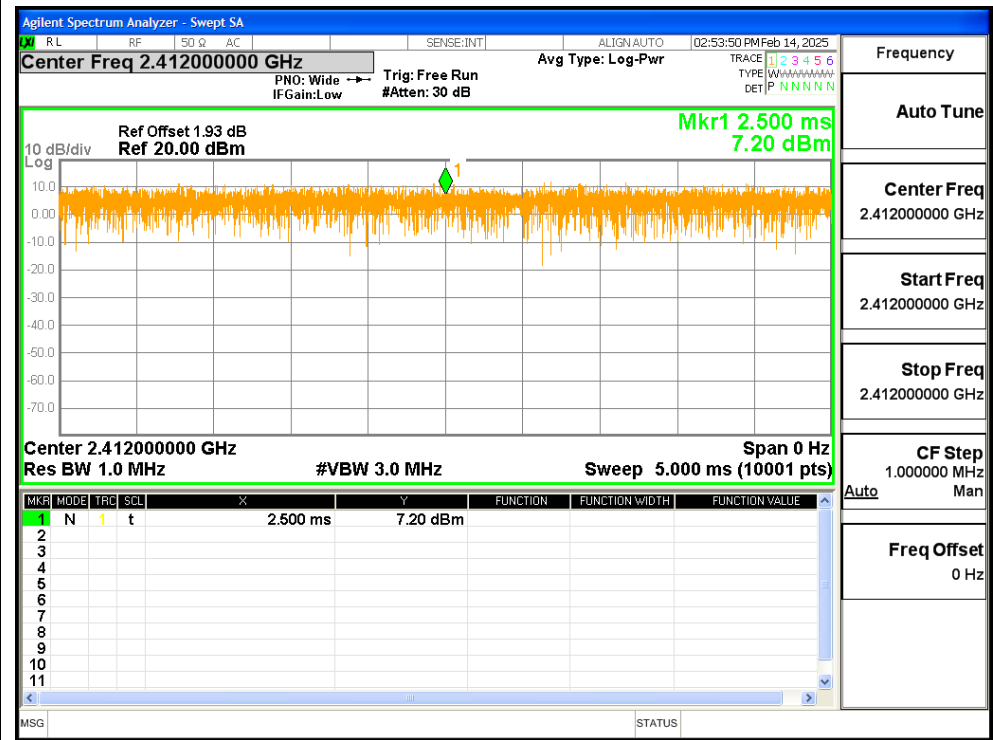


Duty Cycle NVNT g 2462MHz Ant1

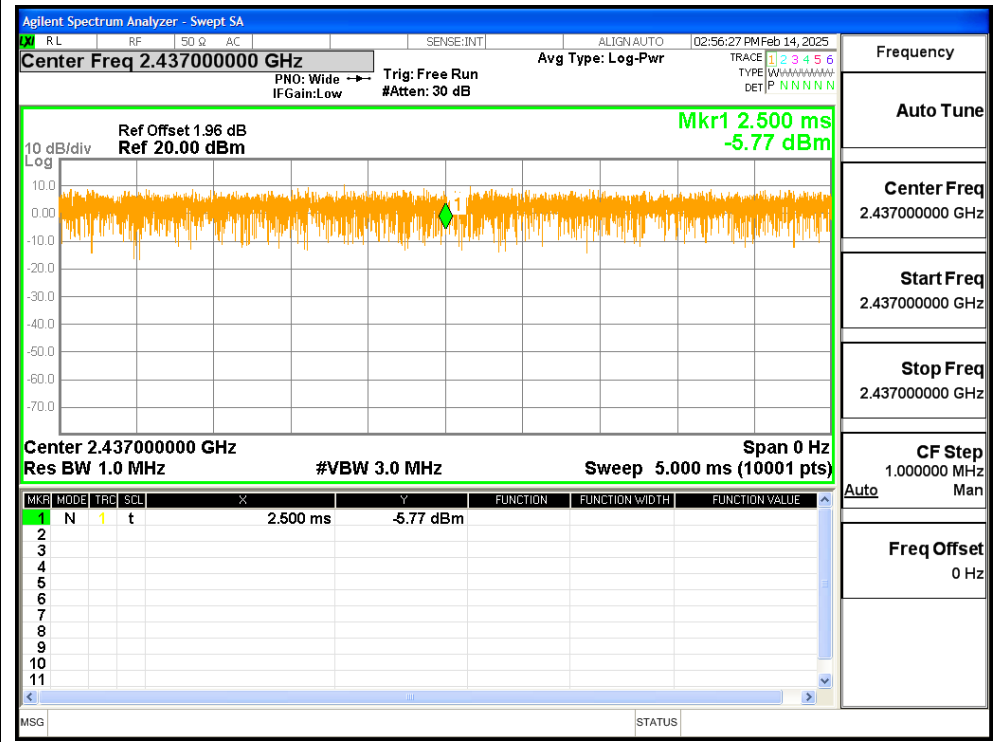


GTSL2025020052F03

Duty Cycle NVNT n20 2412MHz Ant1

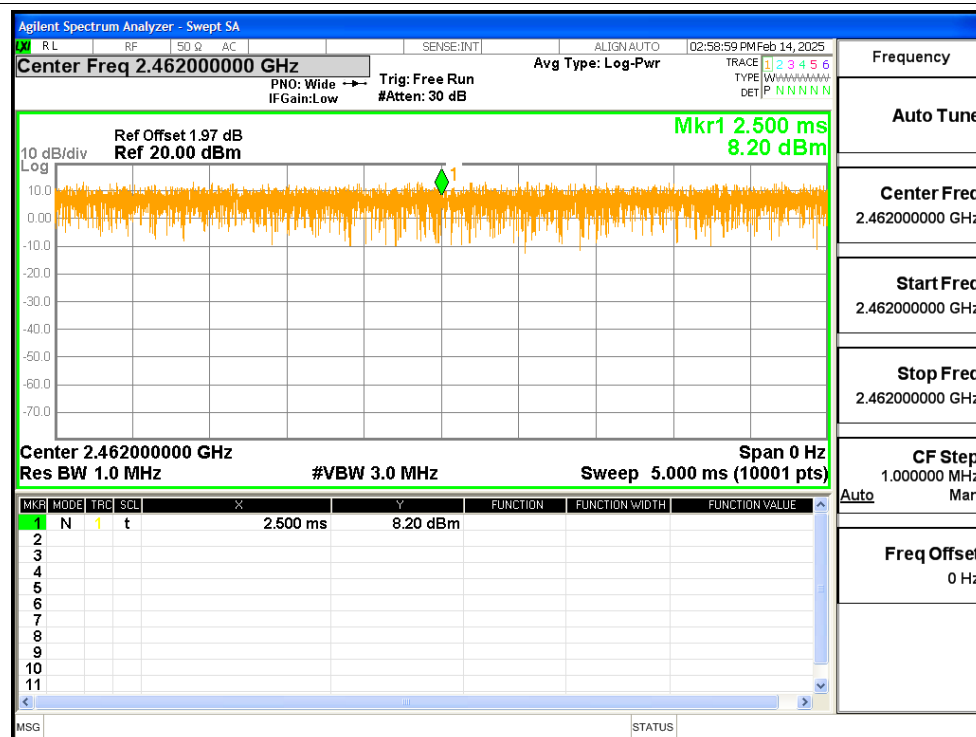


Duty Cycle NVNT n20 2437MHz Ant1

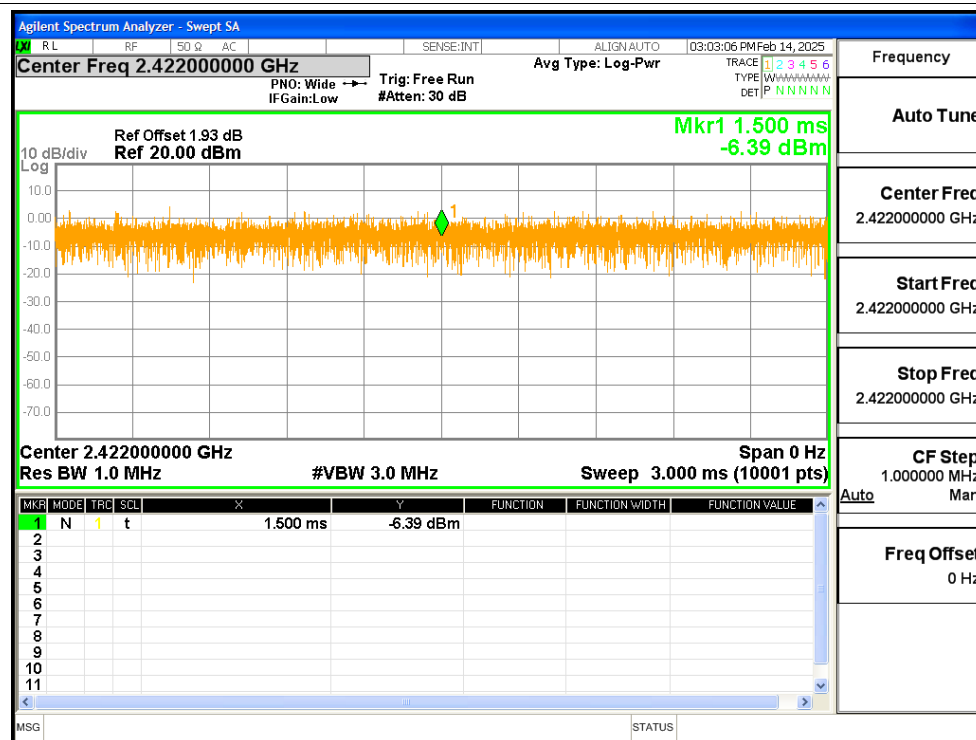


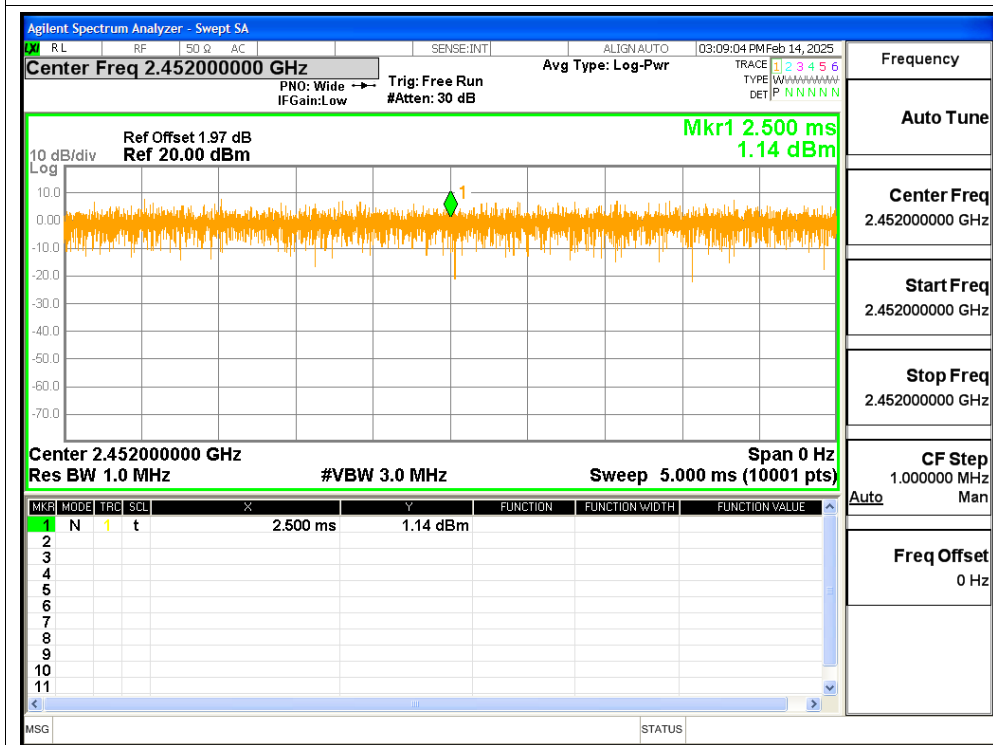
GTSL2025020052F03

Duty Cycle NVNT n20 2462MHz Ant1



Duty Cycle NVNT n40 2422MHz Ant1





GTSL2025020052F03

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	14.41	0	14.41	30	Pass
		2437		15.13	0	15.13	30	Pass
		2462		14.18	0	14.18	30	Pass
	g	2412		14.28	0	14.28	30	Pass
		2437		15.48	0	15.48	30	Pass
		2462		14.43	0	14.43	30	Pass
	n20	2412		15.08	0	15.08	30	Pass
		2437		13.33	0	13.33	30	Pass
		2462		16.47	0	16.47	30	Pass
	n40	2422		13.46	0	13.46	30	Pass
		2437		14.43	0	14.43	30	Pass
		2452		15.54	0	15.54	30	Pass

GTSL2025020052F03

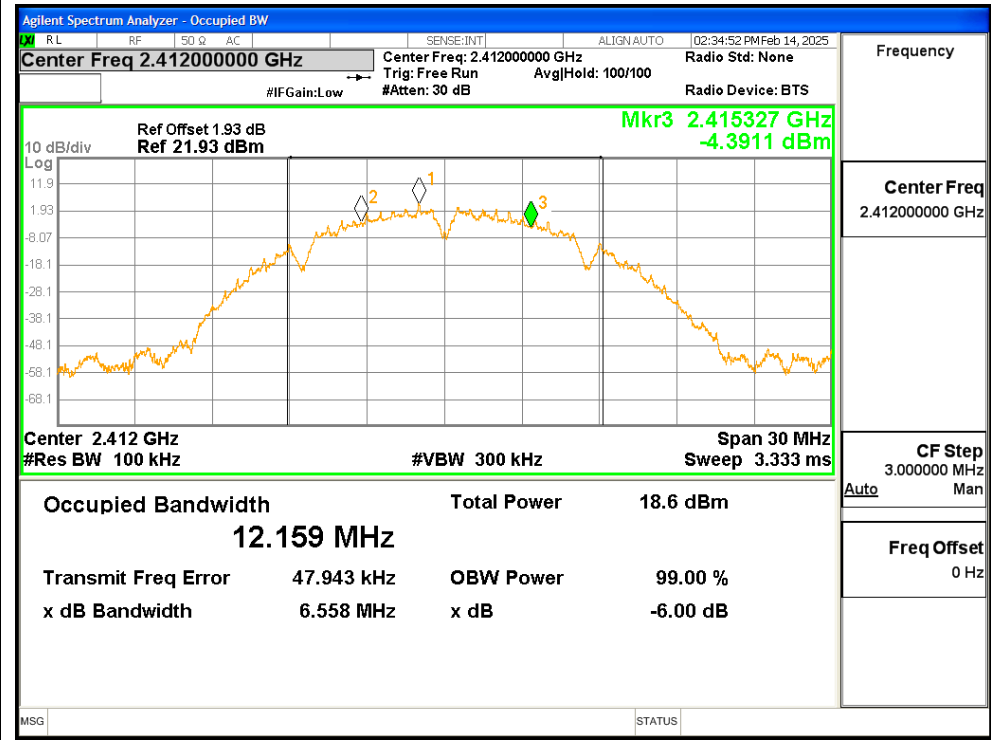
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	6.558	0.5	Pass
		2437		8.558	0.5	Pass
		2462		7.575	0.5	Pass
	g	2412		14.292	0.5	Pass
		2437		16.359	0.5	Pass
		2462		15.906	0.5	Pass
	n20	2412		15.401	0.5	Pass
		2437		17.59	0.5	Pass
		2462		16.048	0.5	Pass
	n40	2422		29.213	0.5	Pass
		2437		36.473	0.5	Pass
		2452		28.504	0.5	Pass

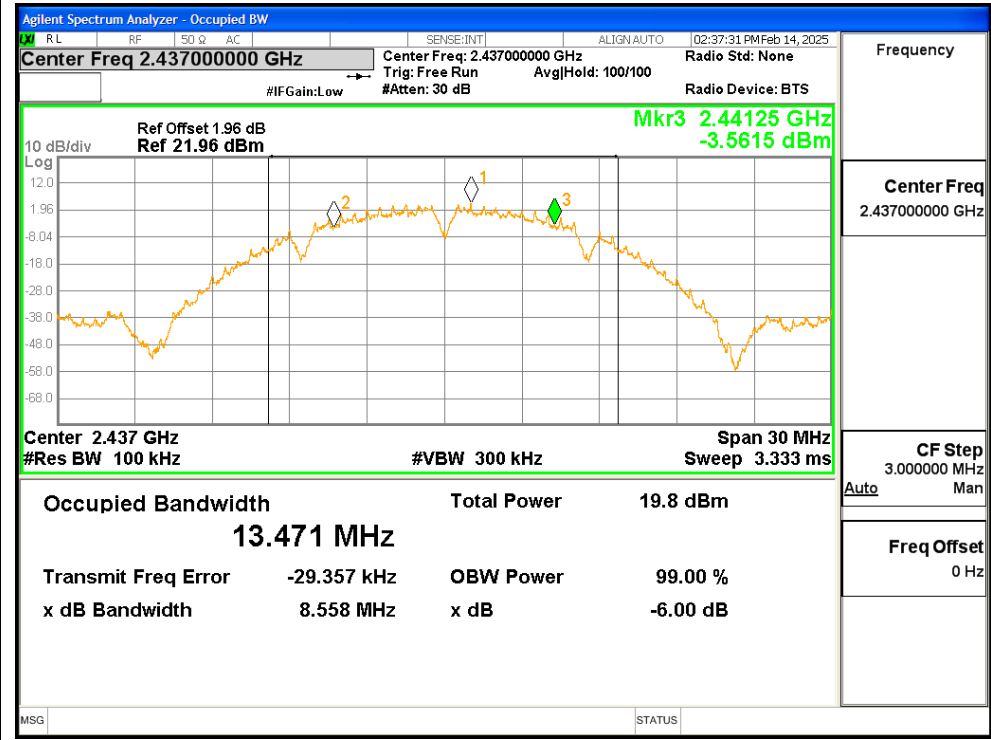
GTSL2025020052F03

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1

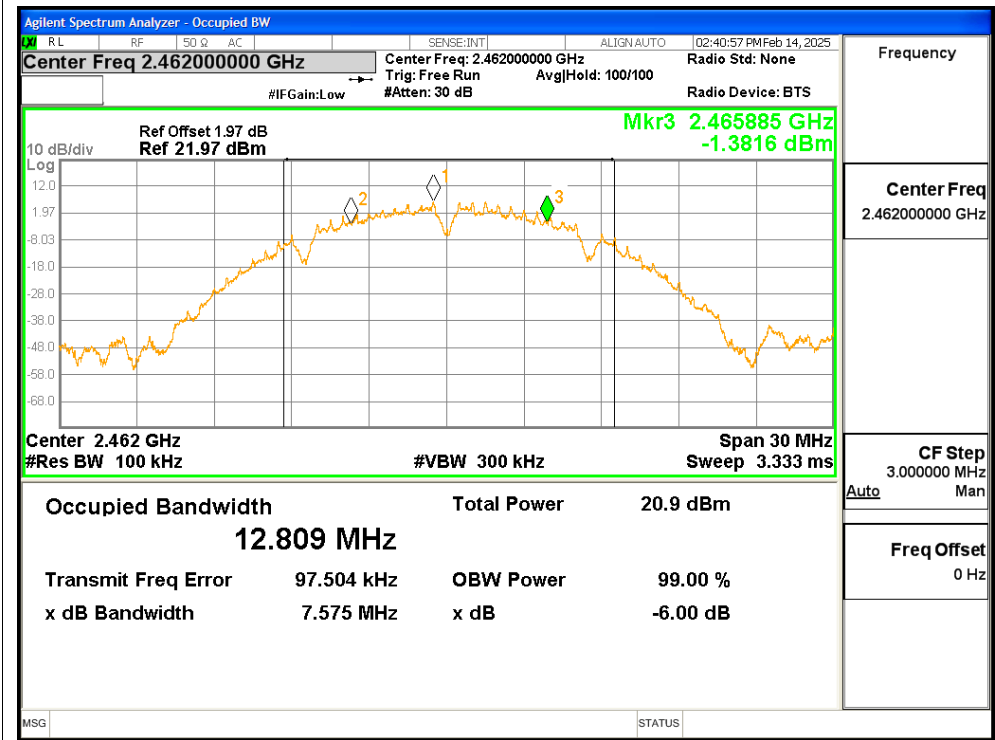


-6dB Bandwidth NVNT b 2437MHz Ant1

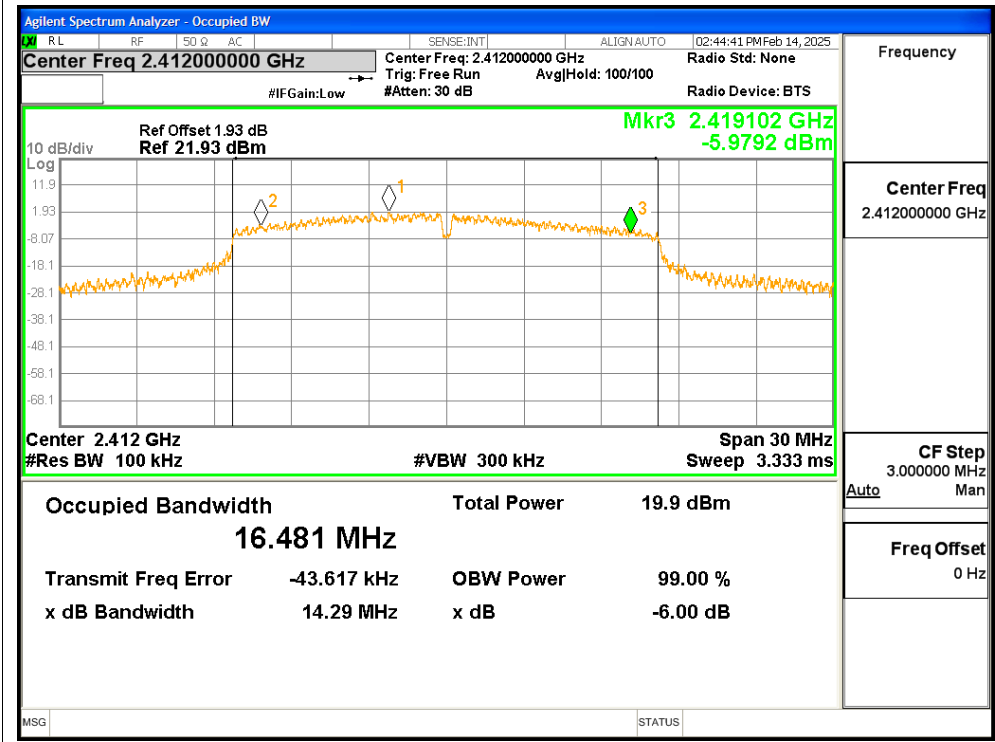


GTSL2025020052F03

-6dB Bandwidth NVNT b 2462MHz Ant1

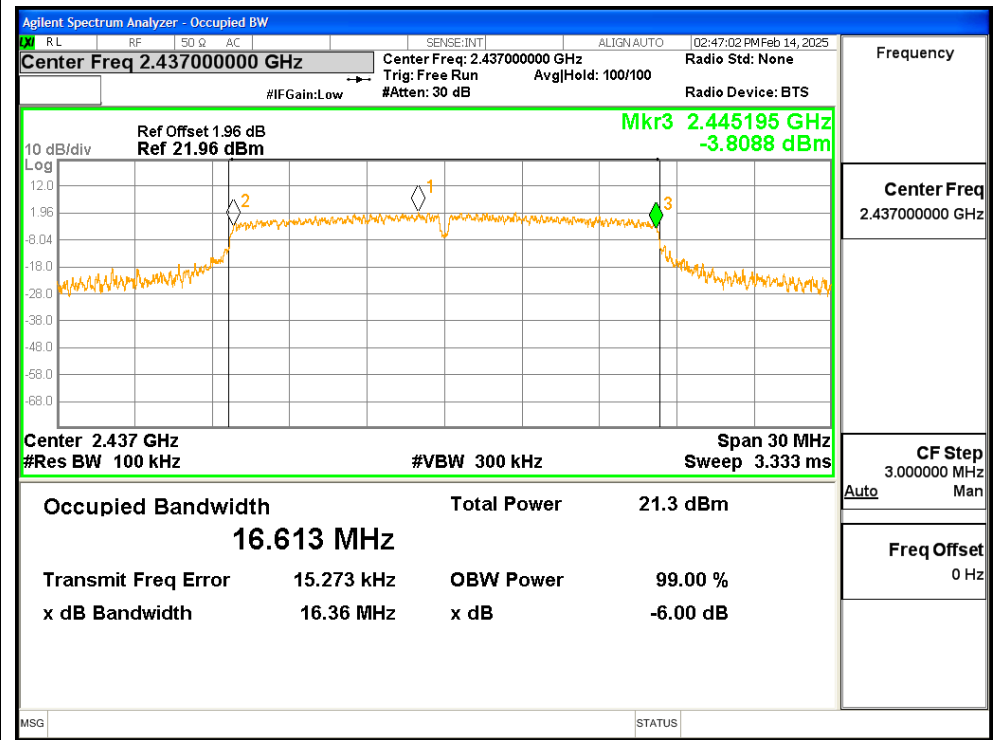


-6dB Bandwidth NVNT g 2412MHz Ant1

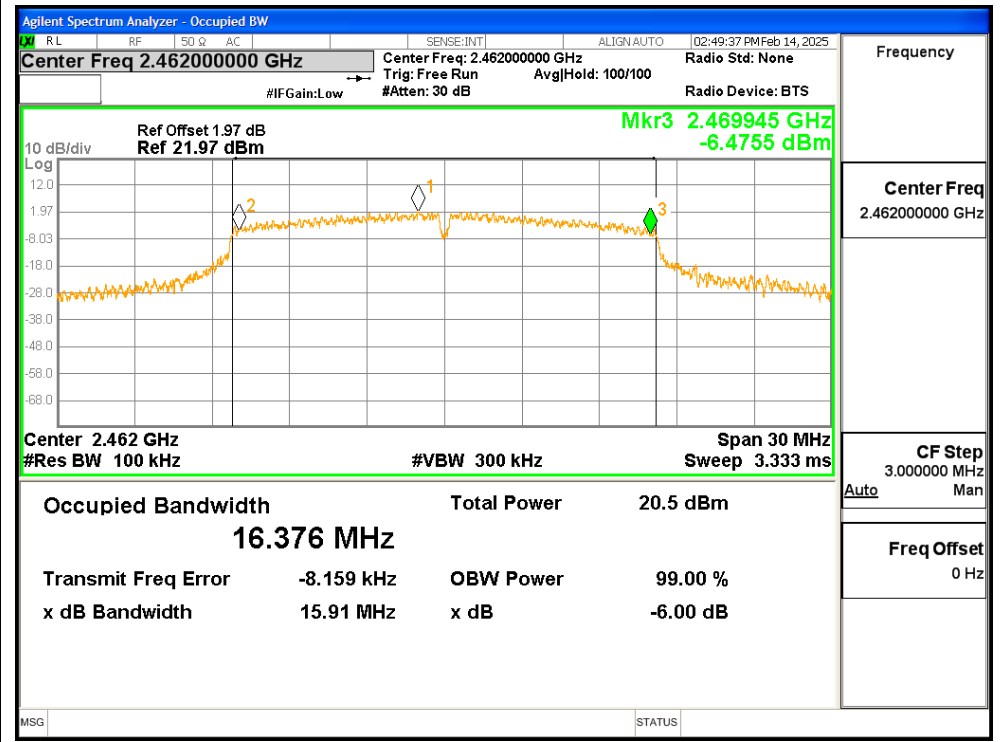


GTSL2025020052F03

-6dB Bandwidth NVNT g 2437MHz Ant1

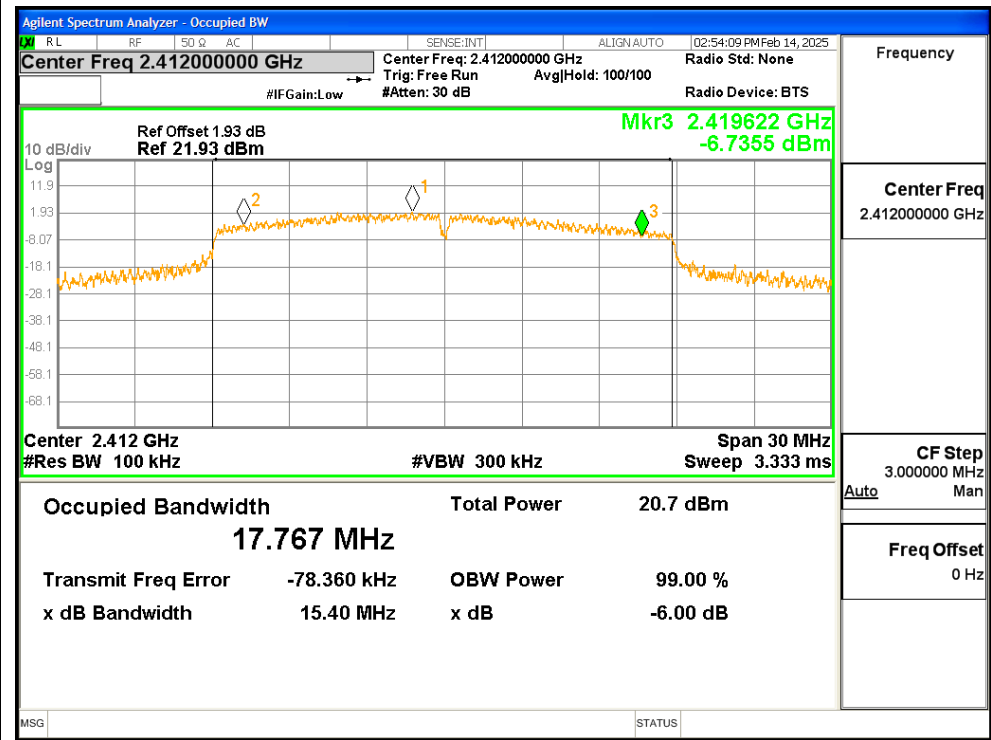


-6dB Bandwidth NVNT g 2462MHz Ant1

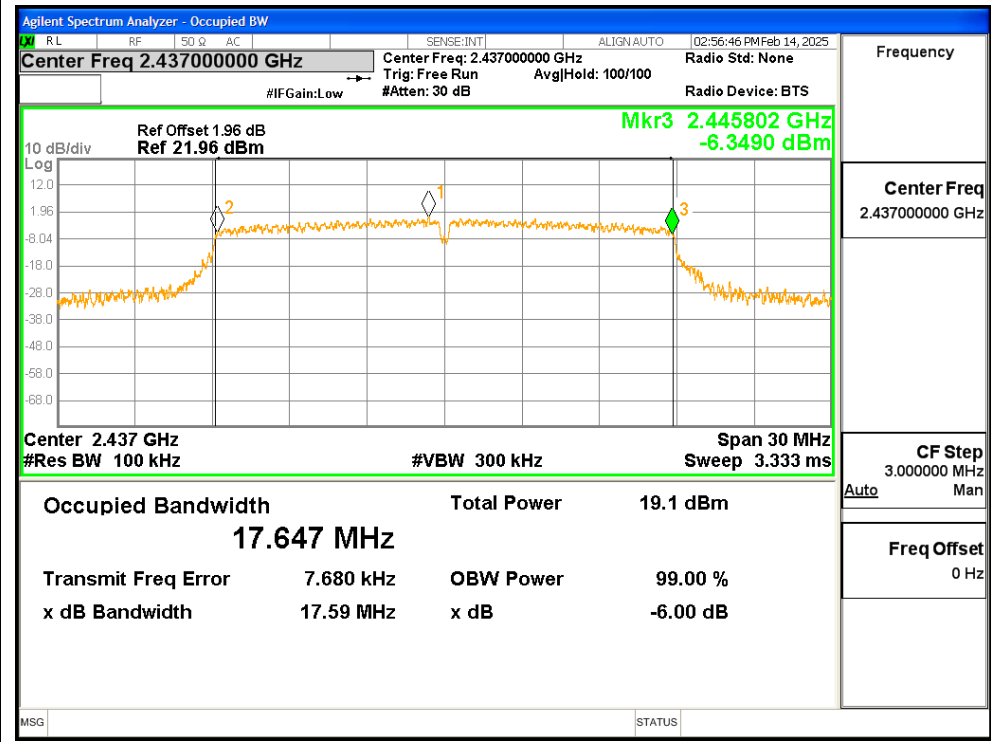


GTSL2025020052F03

-6dB Bandwidth NVNT n20 2412MHz Ant1

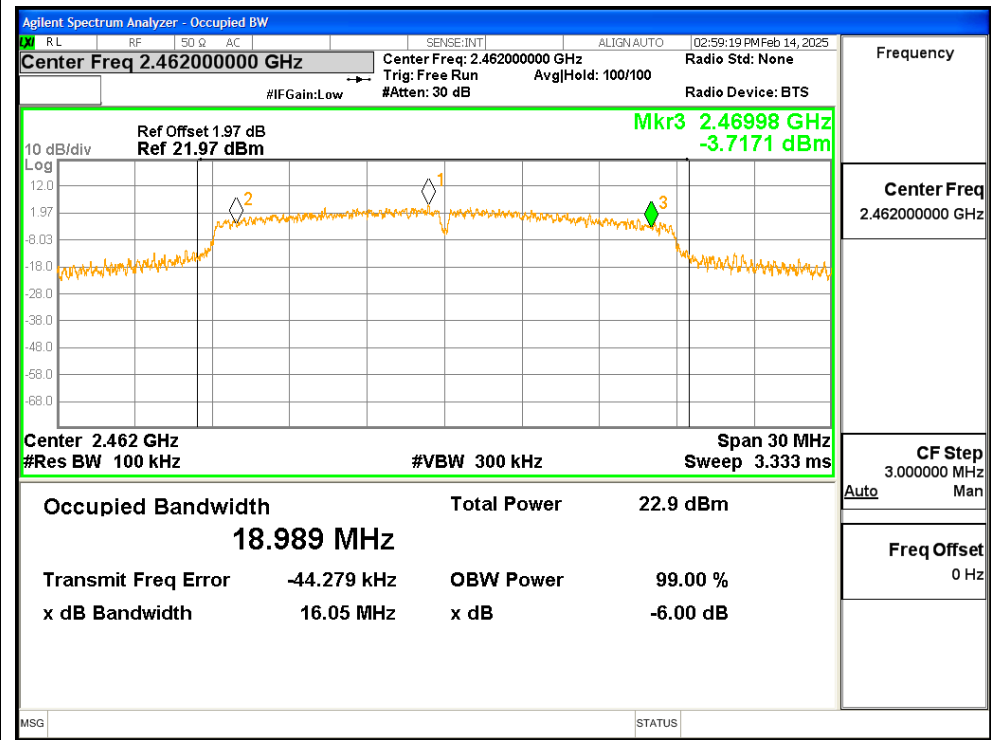


-6dB Bandwidth NVNT n20 2437MHz Ant1

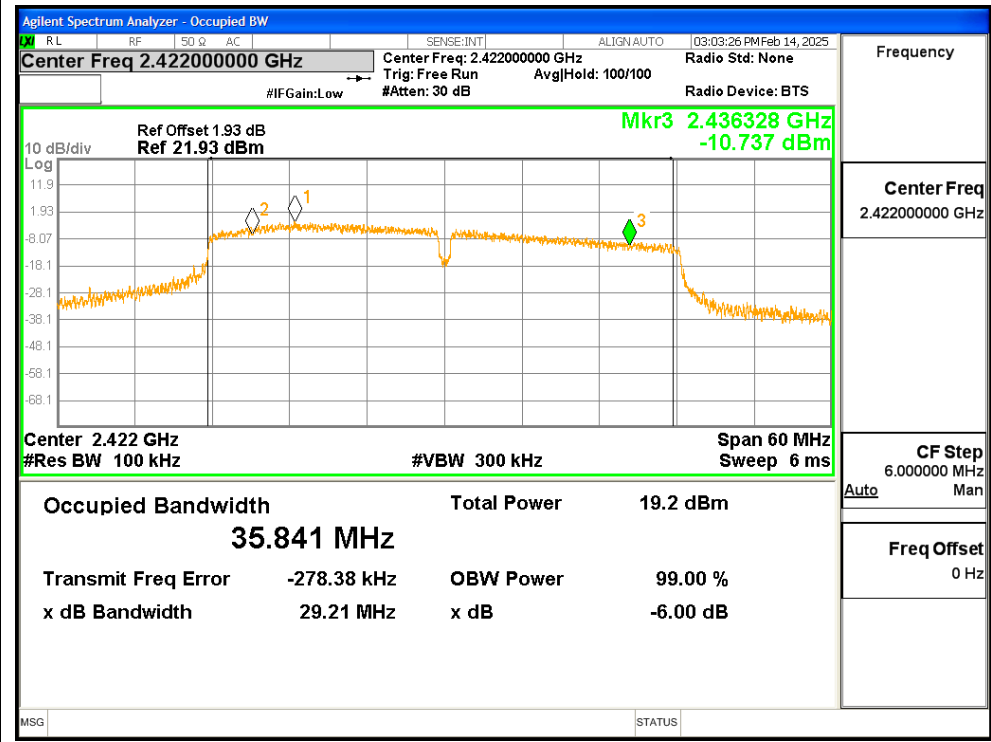


GTSL2025020052F03

-6dB Bandwidth NVNT n20 2462MHz Ant1

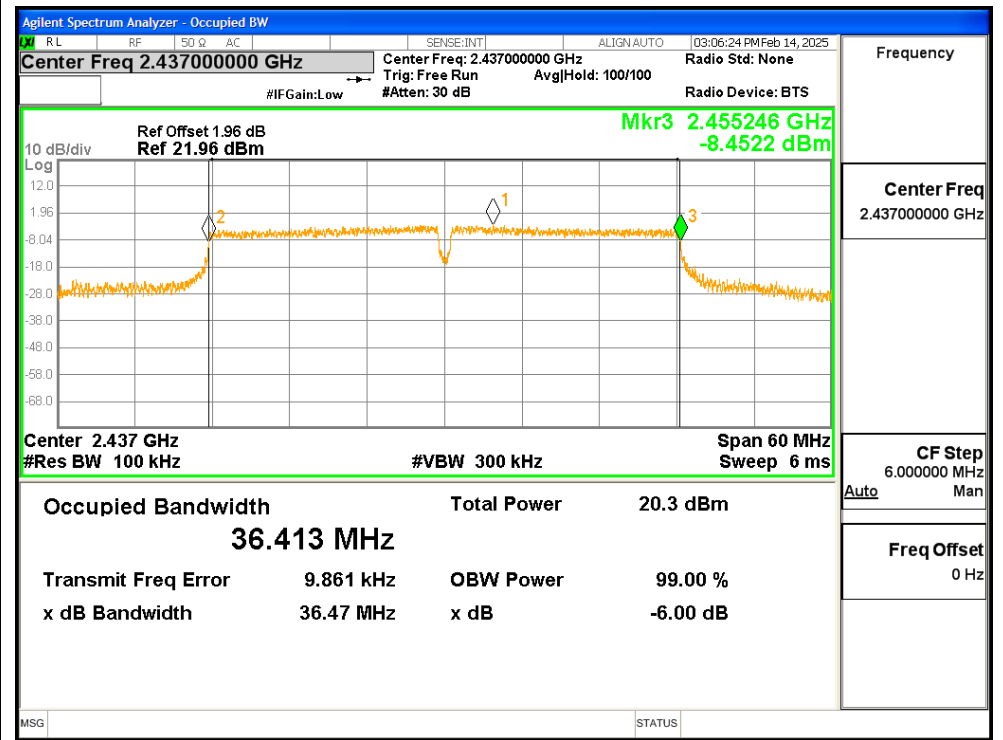


-6dB Bandwidth NVNT n40 2422MHz Ant1

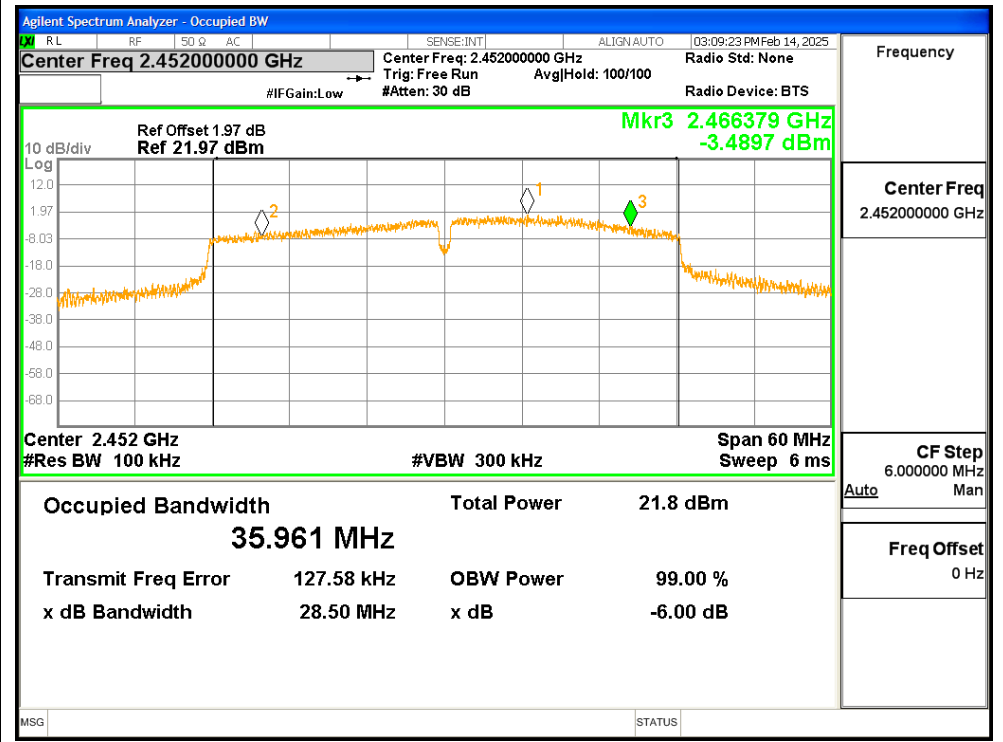


GTSL2025020052F03

-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1

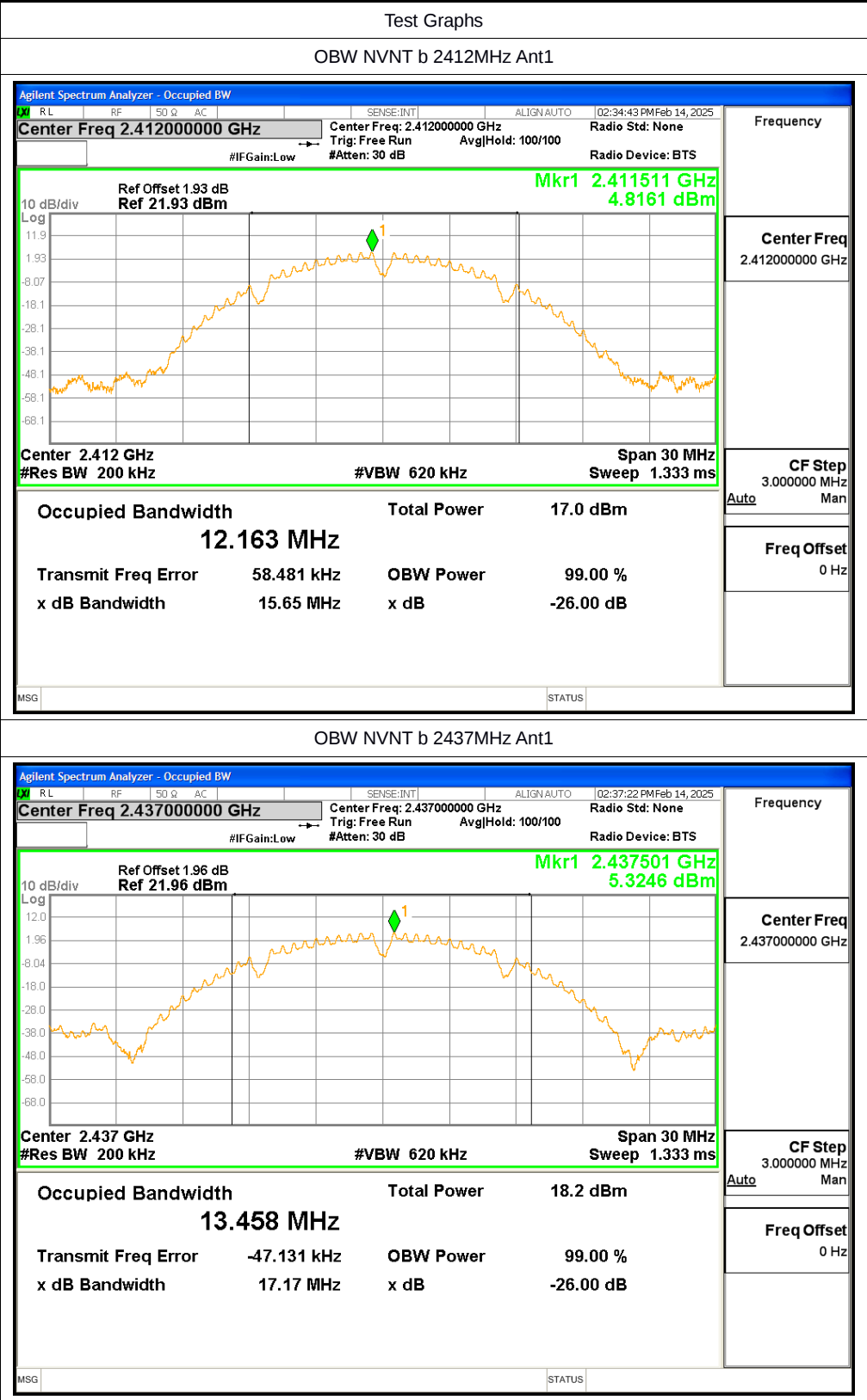


GTSL2025020052F03

Occupied Channel Bandwidth

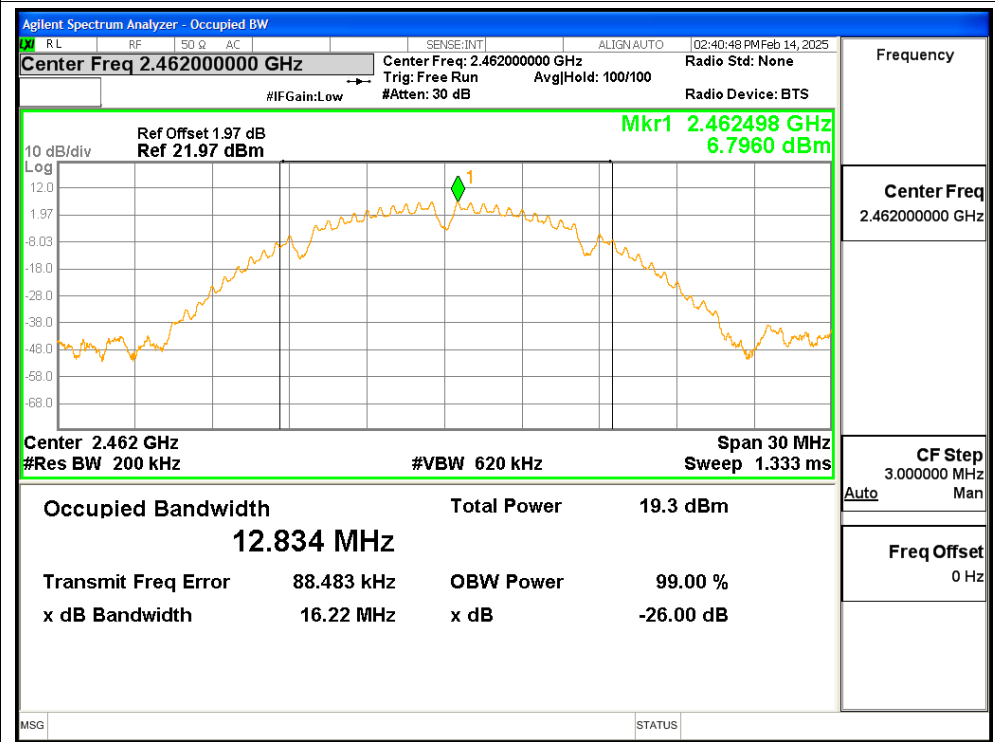
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.163
		2437		13.458
		2462		12.834
	g	2412		16.575
		2437		16.829
		2462		16.457
	n20	2412		17.912
		2437		17.685
		2462		19.323
	n40	2422		36.049
		2437		36.828
		2452		35.99

GTSL2025020052F03

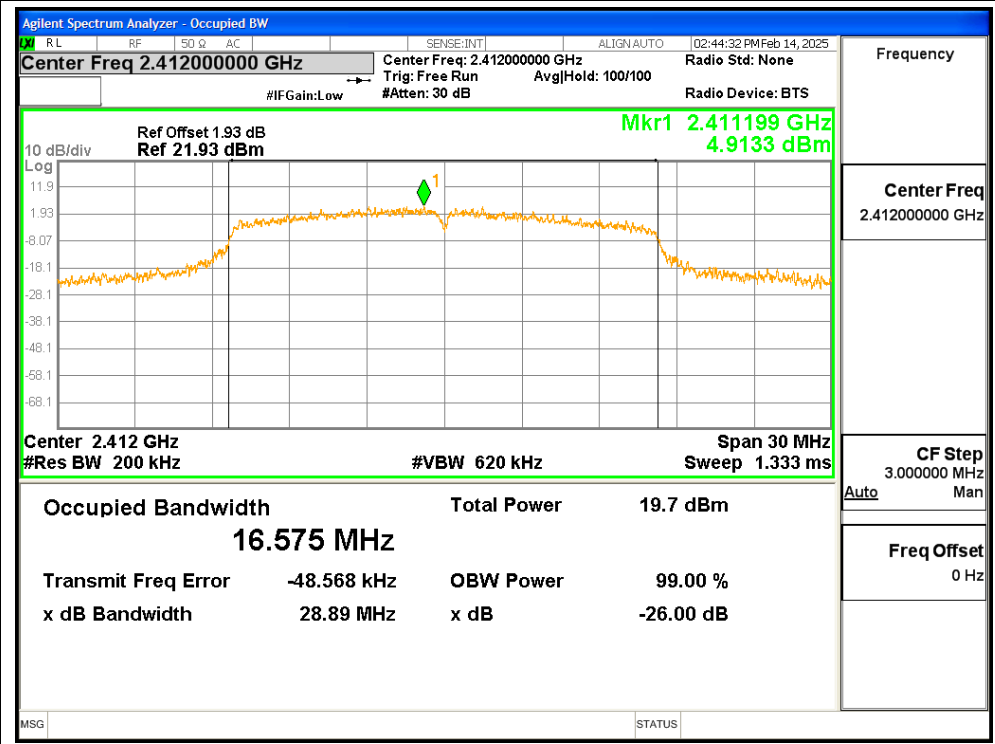


GTSL2025020052F03

OBW NVNT b 2462MHz Ant1

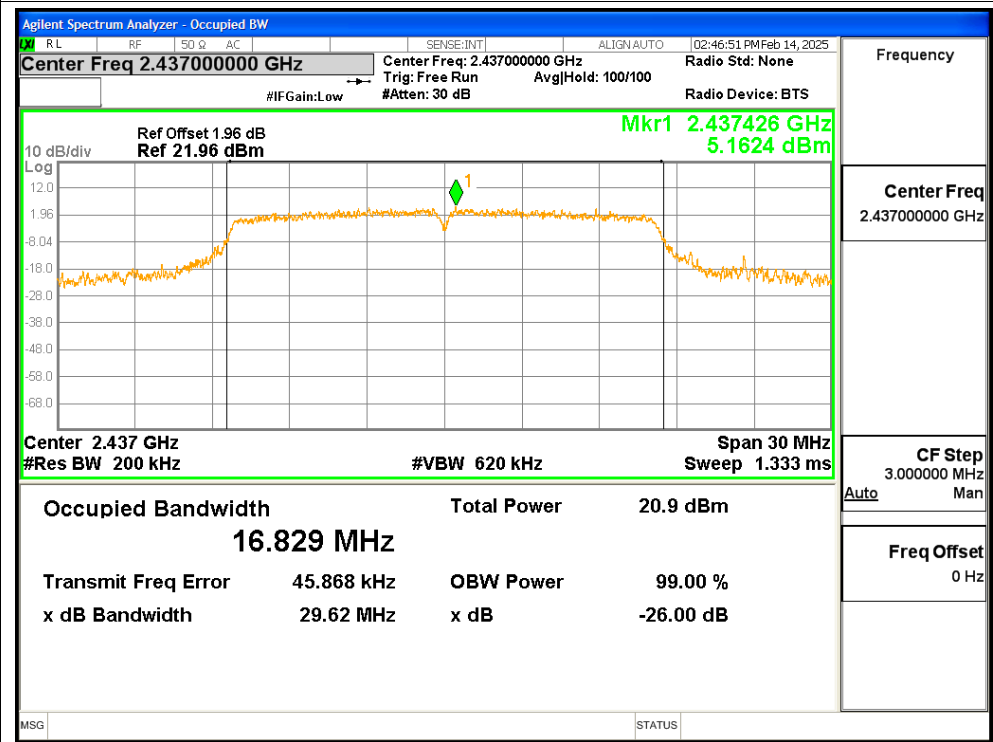


OBW NVNT g 2412MHz Ant1

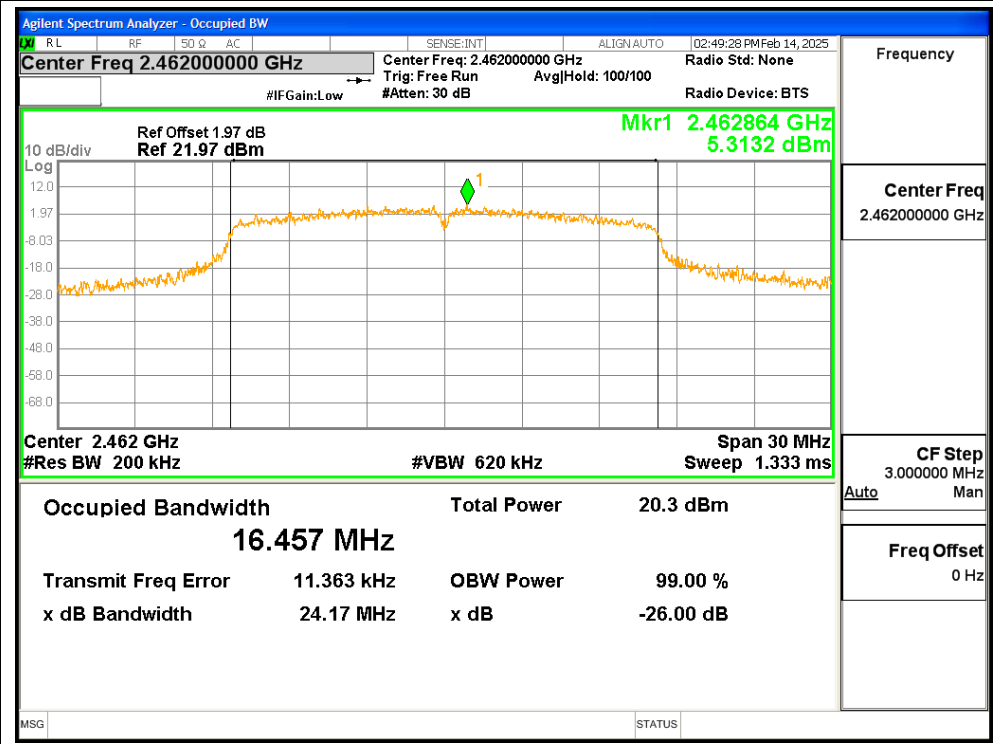


GTSL2025020052F03

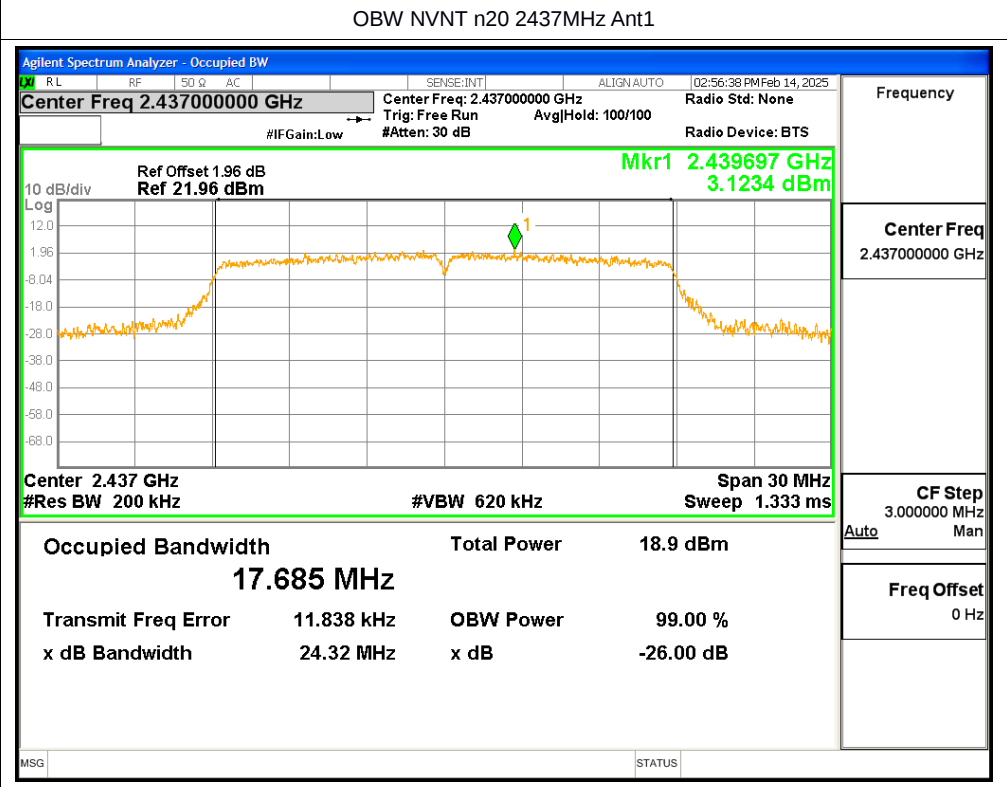
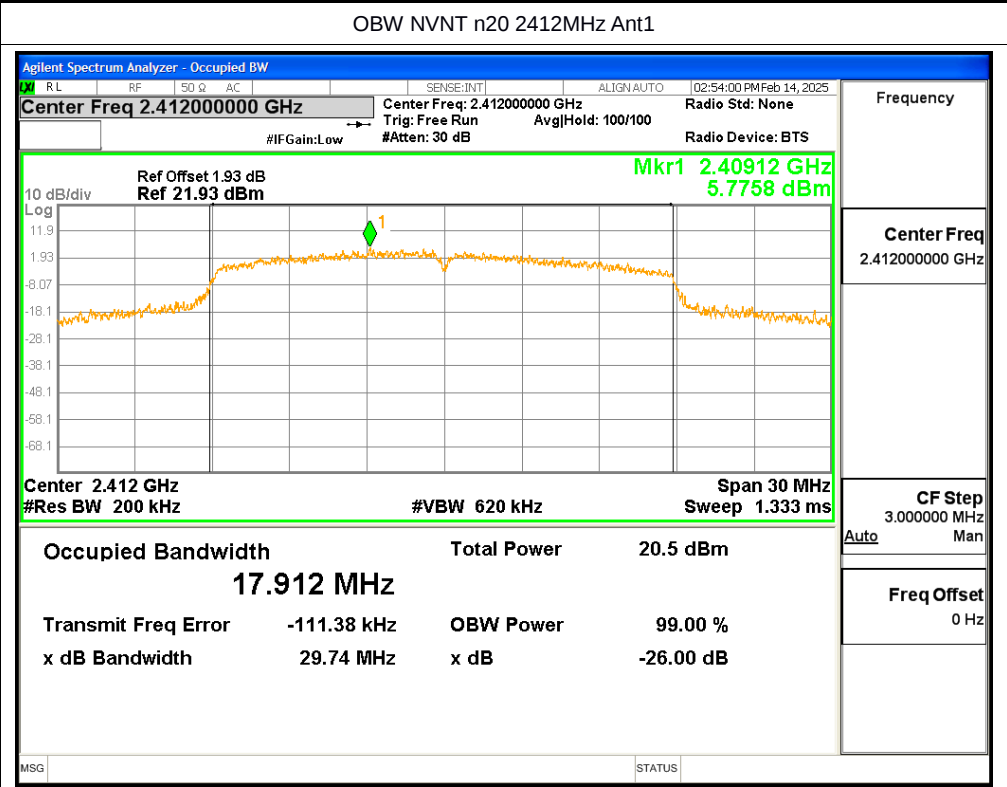
OBW NVNT g 2437MHz Ant1



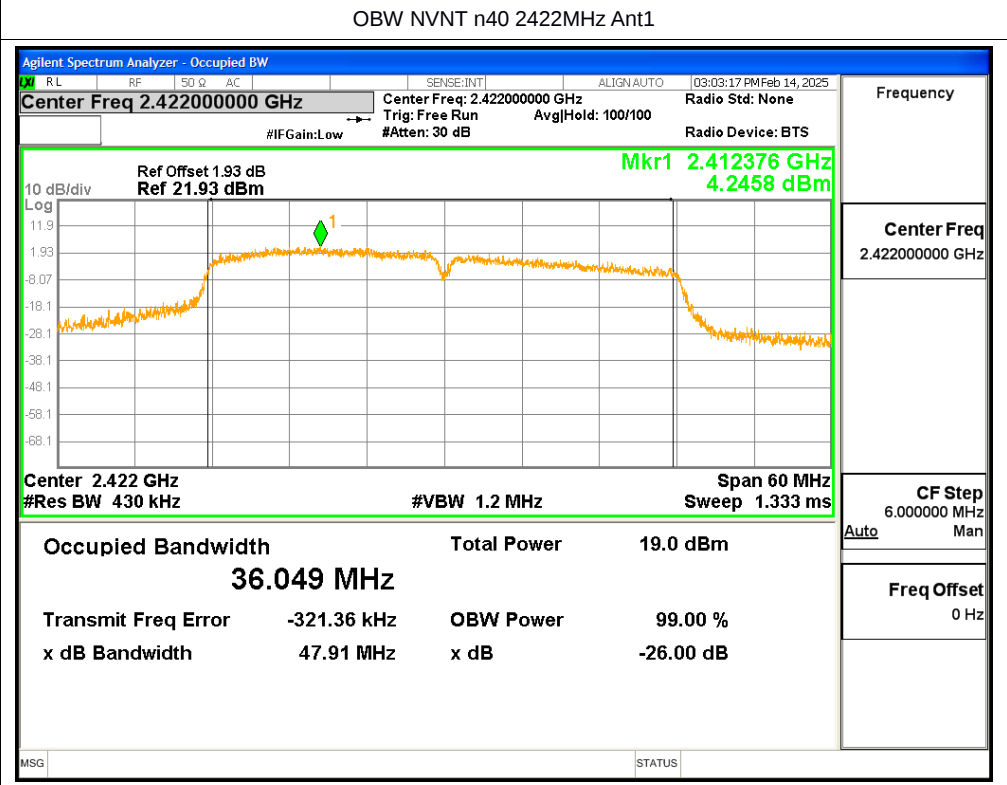
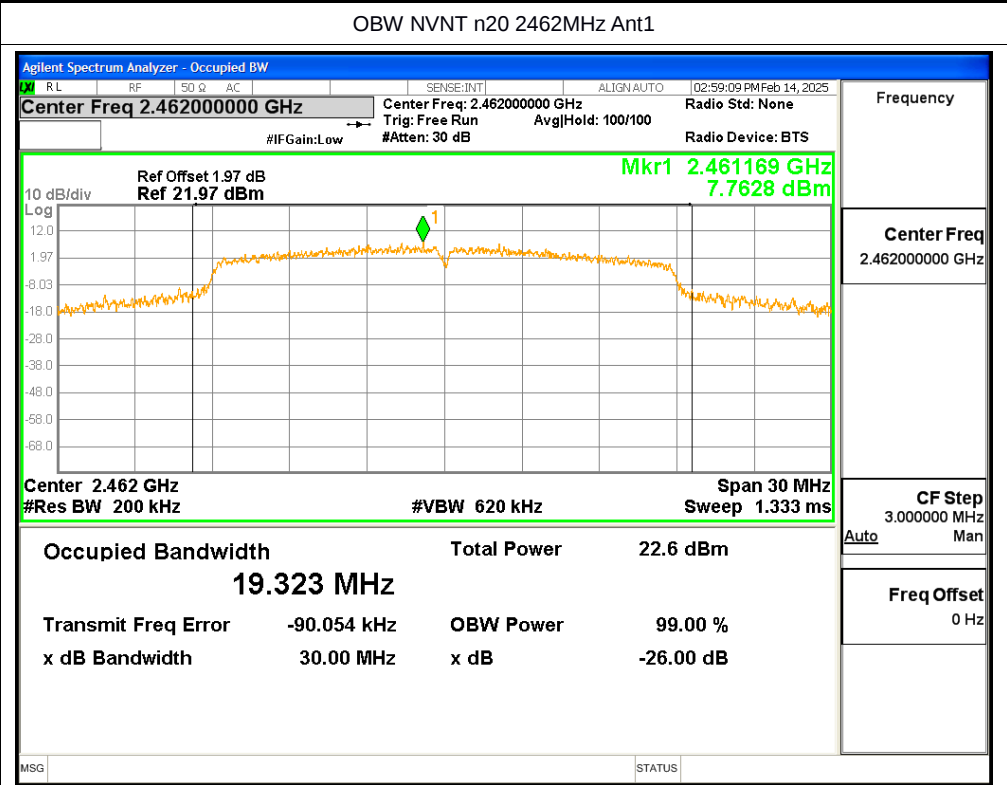
OBW NVNT g 2462MHz Ant1



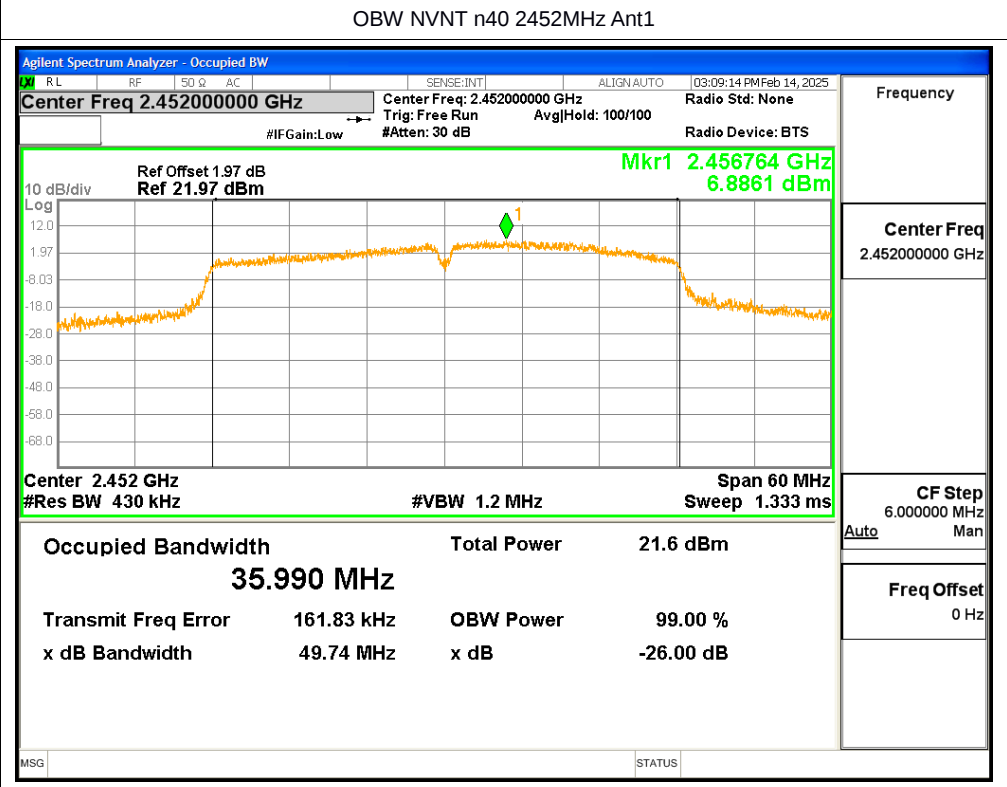
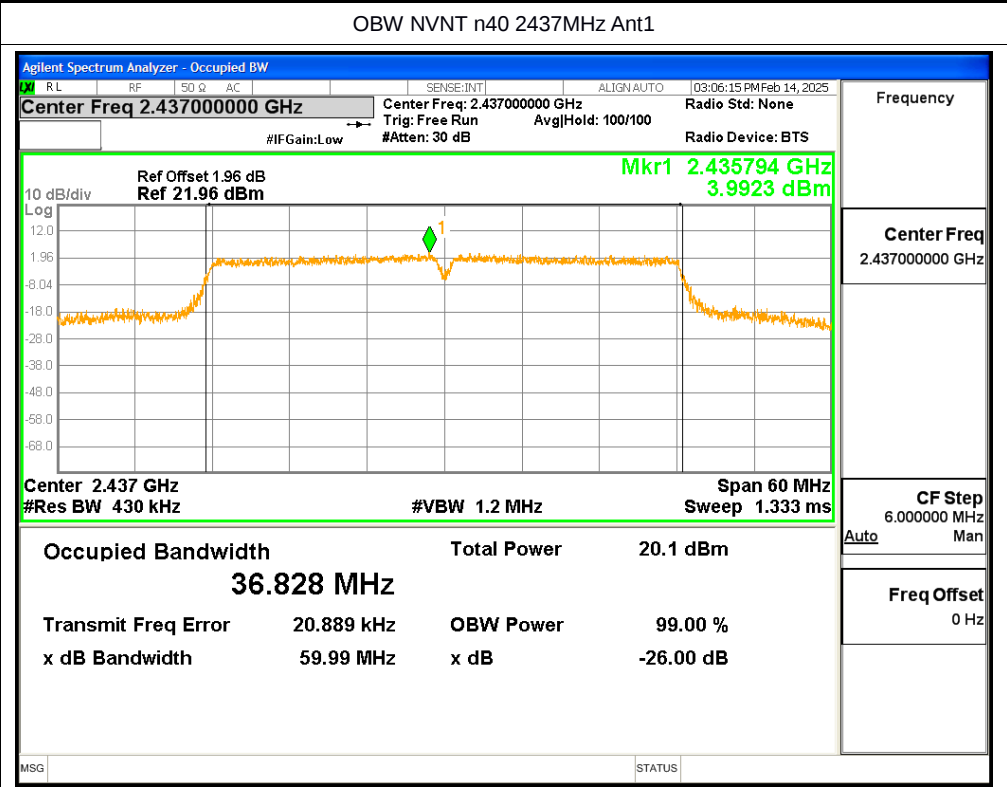
GTSL2025020052F03



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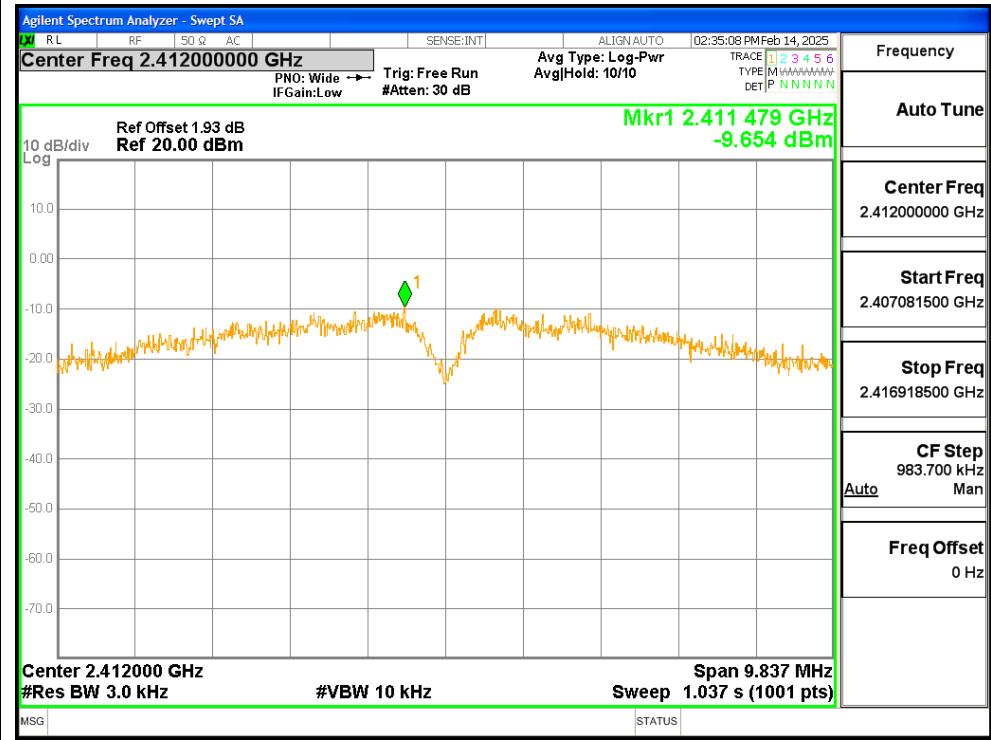
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-9.65	0	-9.65	8	Pass
		2437		-9.59	0	-9.59	8	Pass
		2462		-7.43	0	-7.43	8	Pass
	g	2412		-9.87	0	-9.87	8	Pass
		2437		-9.39	0	-9.39	8	Pass
		2462		-8.13	0	-8.13	8	Pass
	n20	2412		-8.7	0	-8.7	8	Pass
		2437		-11.46	0	-11.46	8	Pass
		2462		-7.19	0	-7.19	8	Pass
	n40	2422		-13.15	0	-13.15	8	Pass
		2437		-12.56	0	-12.56	8	Pass
		2452		-10.92	0	-10.92	8	Pass

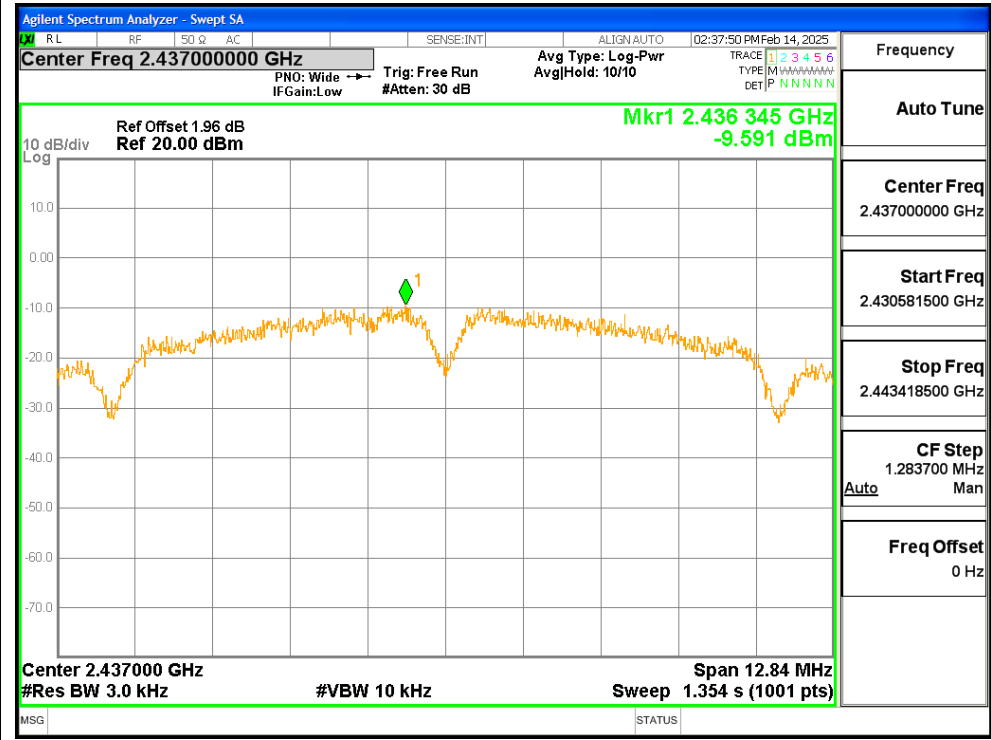
GTSL2025020052F03

Test Graphs

PSD NVNT b 2412MHz Ant1

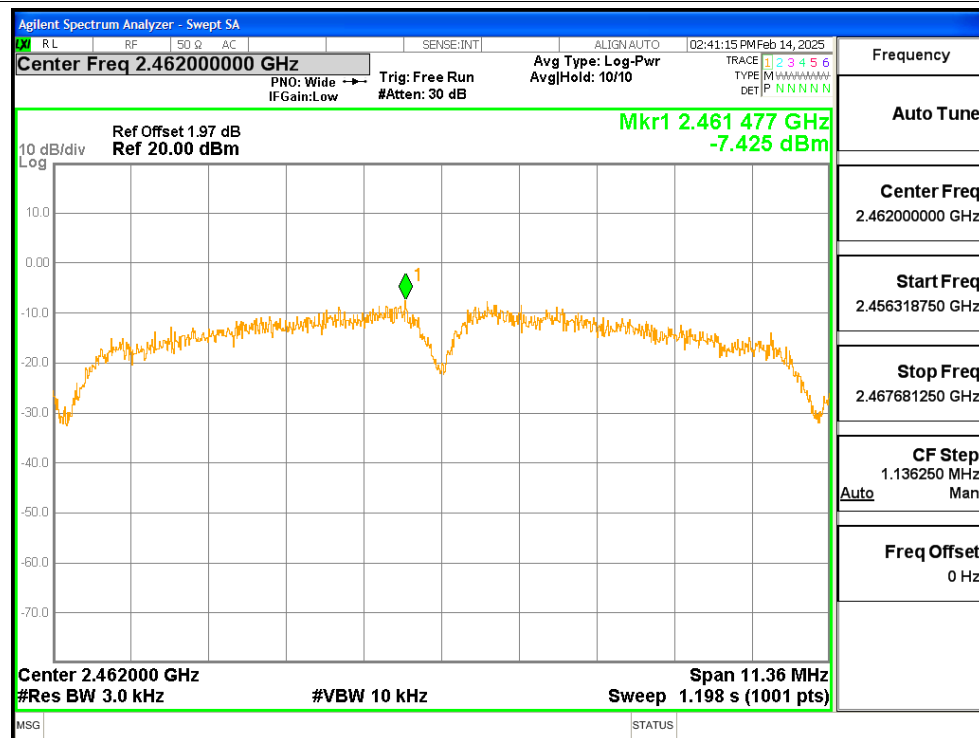


PSD NVNT b 2437MHz Ant1

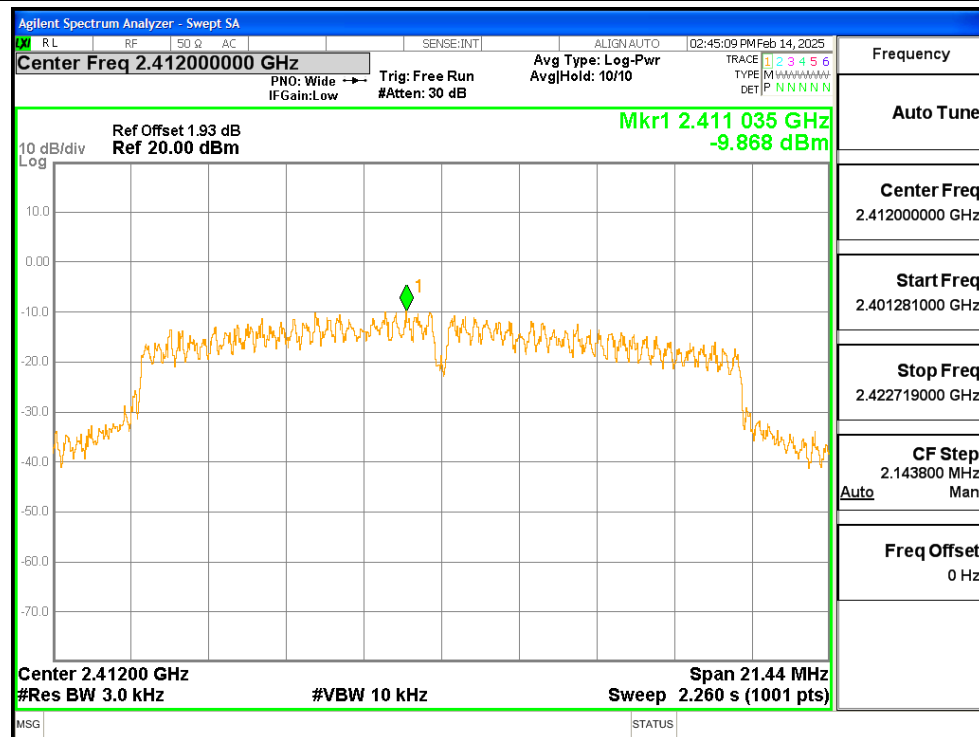


GTSL2025020052F03

PSD NVNT b 2462MHz Ant1

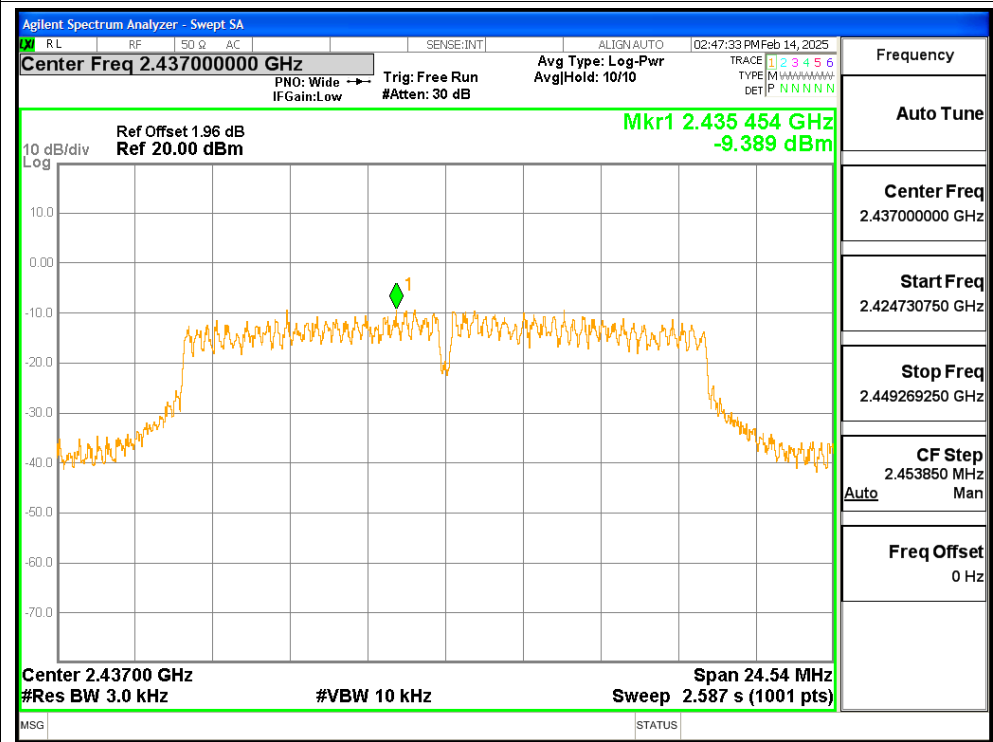


PSD NVNT g 2412MHz Ant1

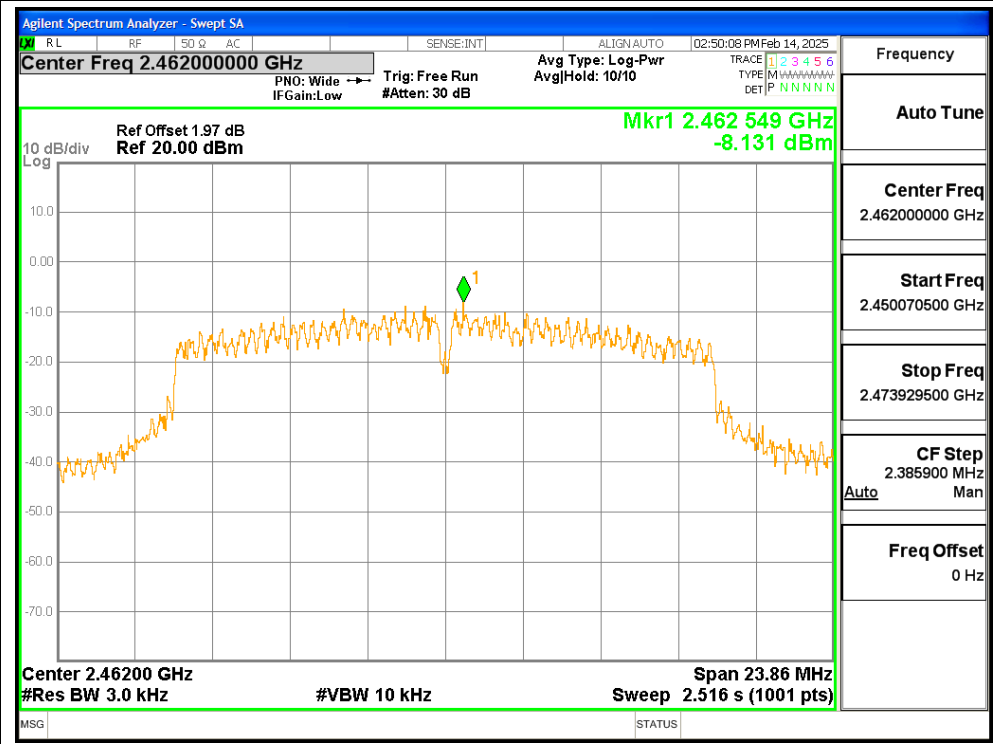


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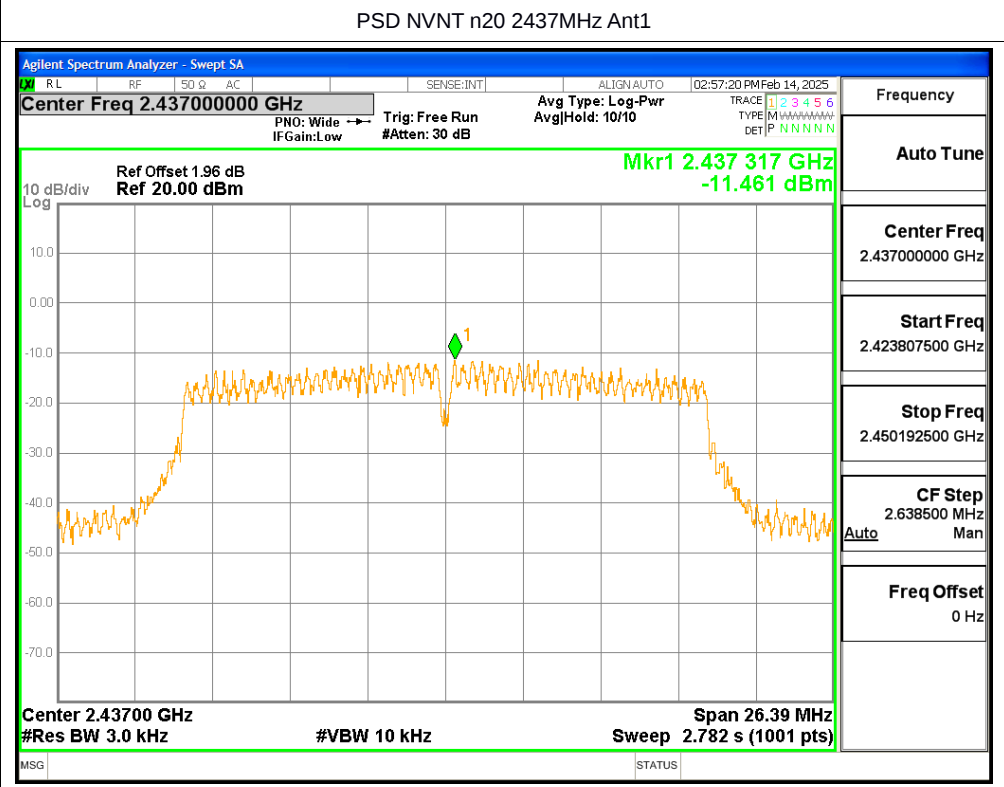
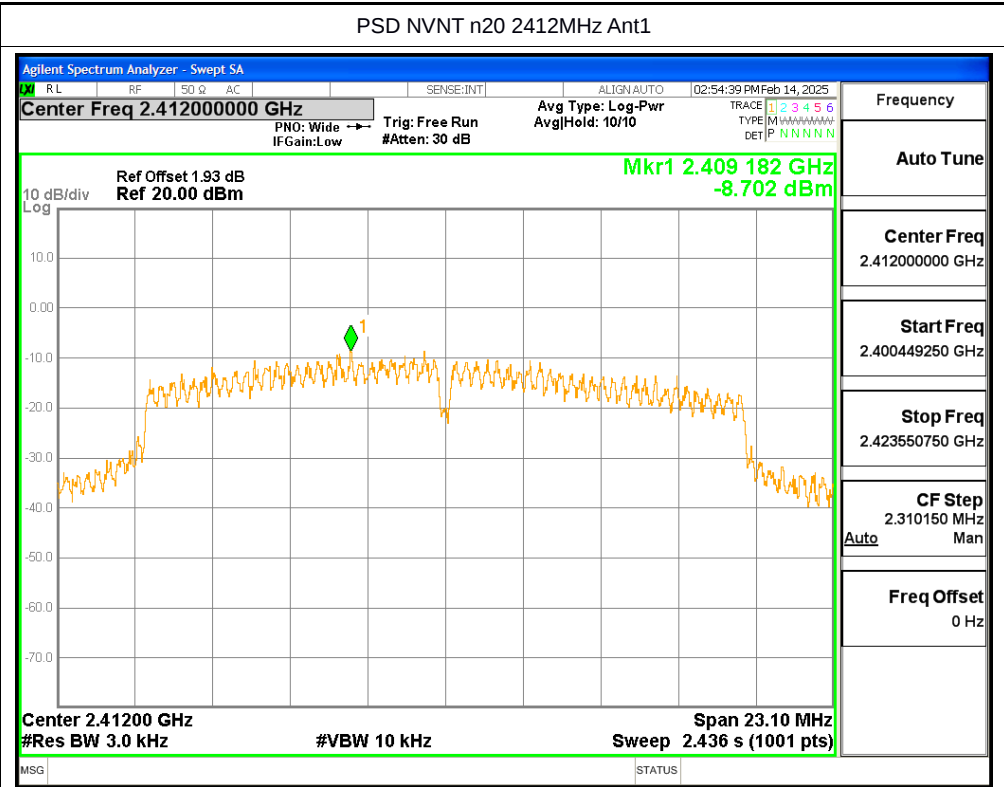
PSD NVNT g 2437MHz Ant1



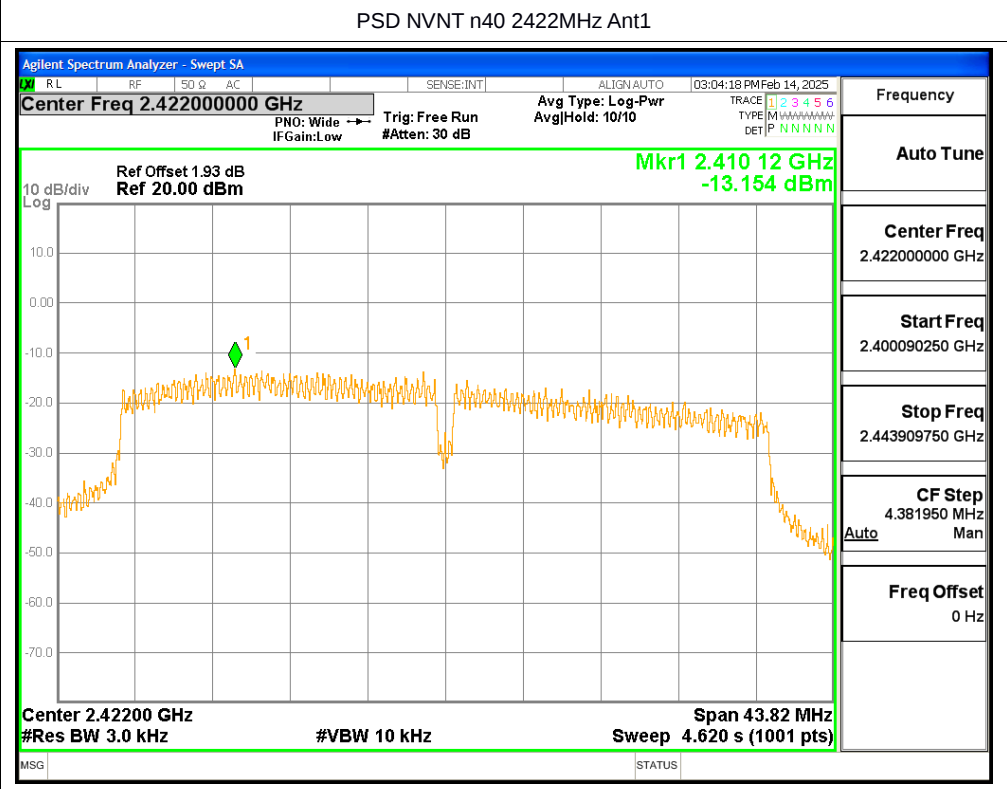
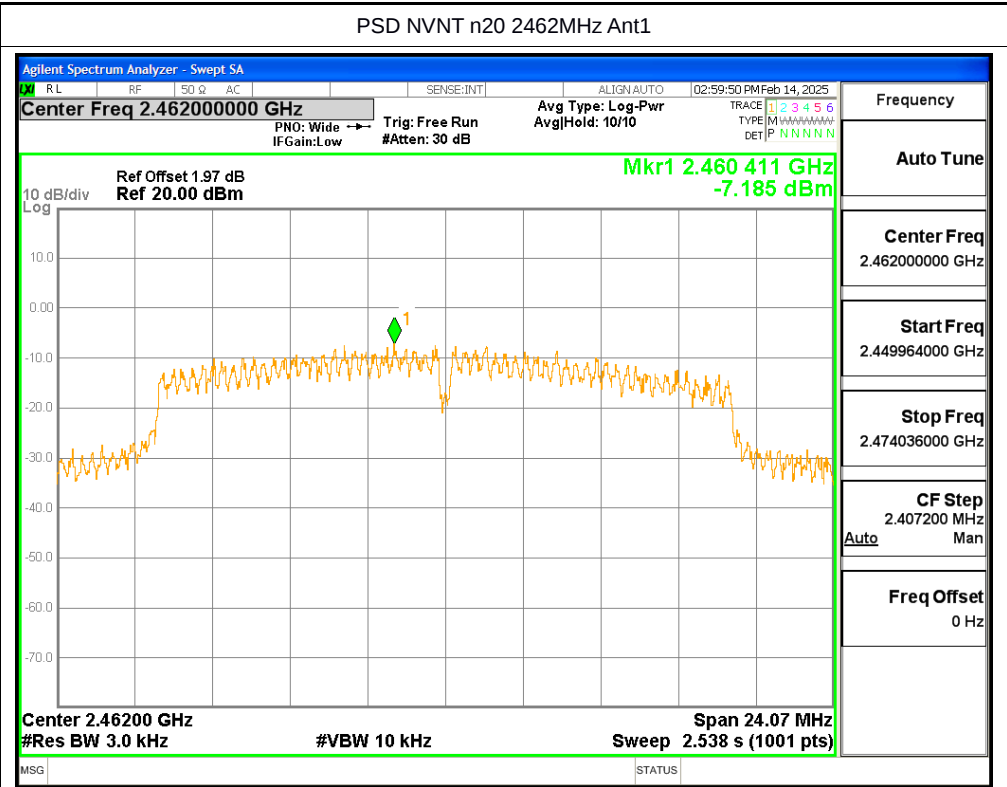
PSD NVNT g 2462MHz Ant1



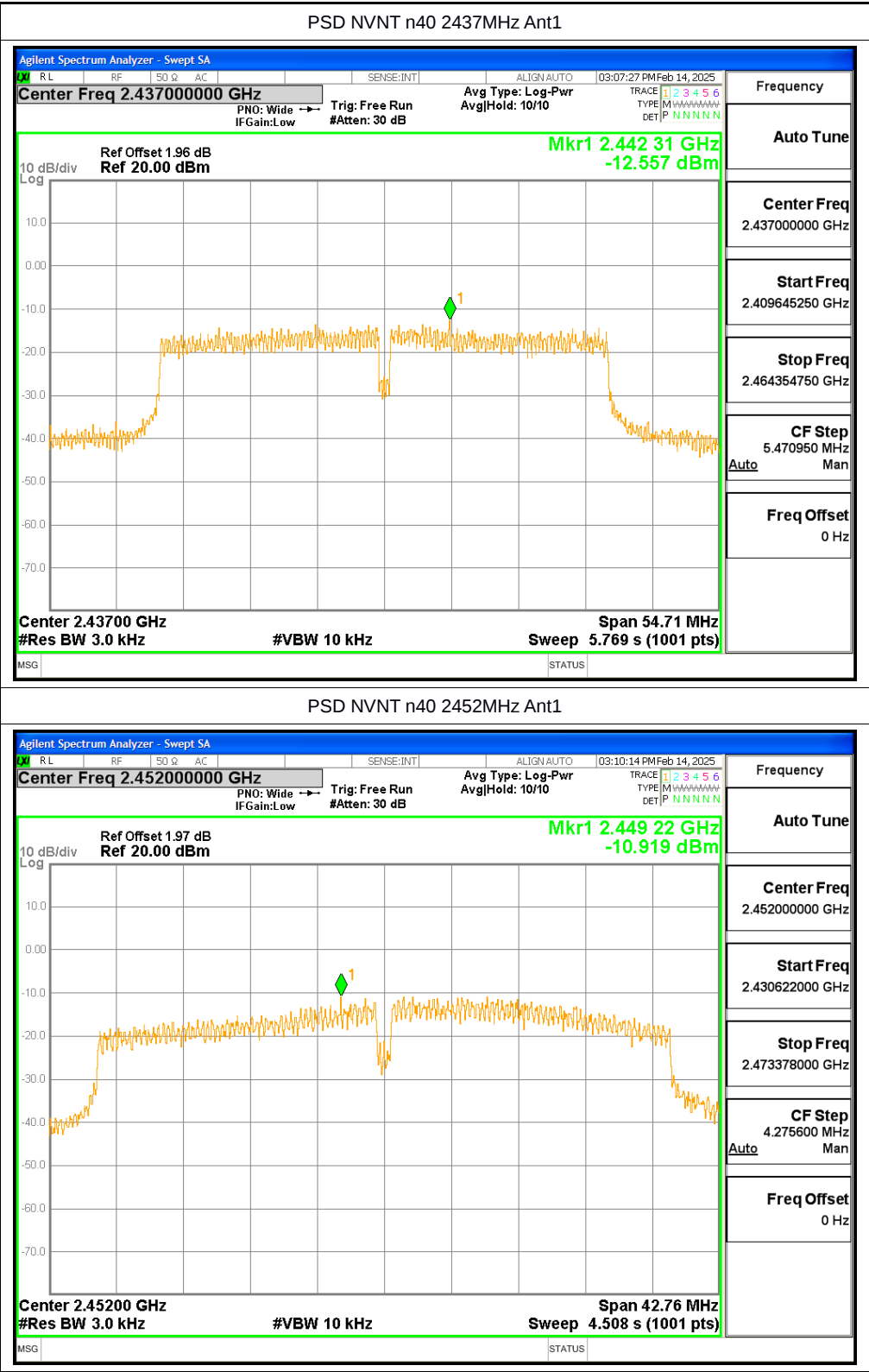
GTSL2025020052F03



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GTSL2025020052F03

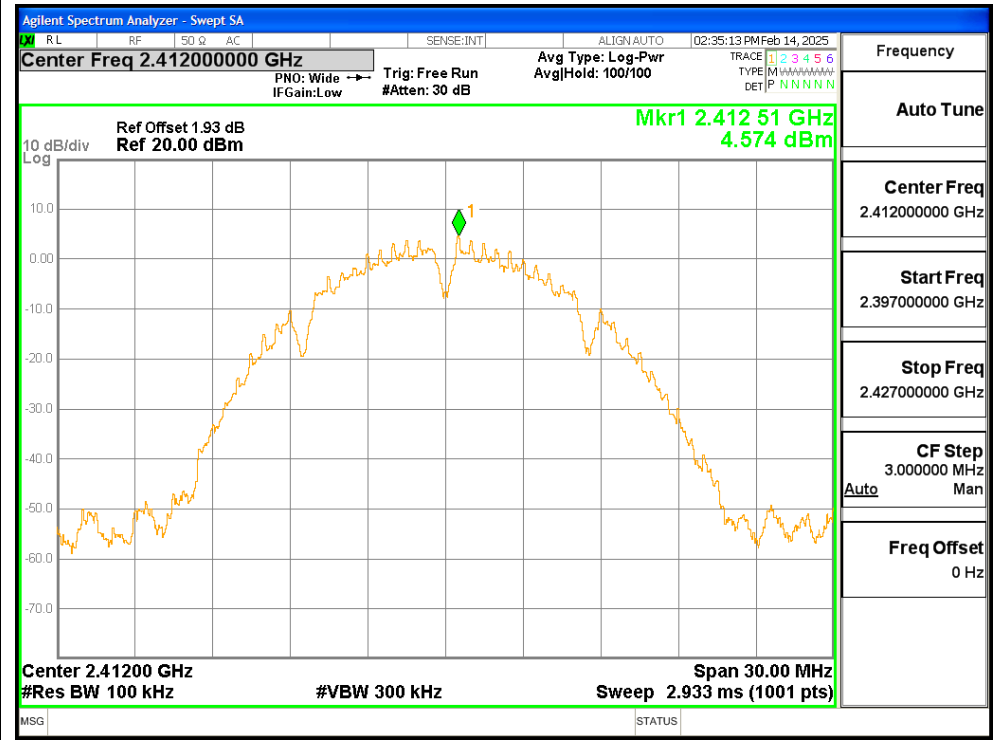
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-55.78	-20	Pass
		2462		-57.57	-20	Pass
	g	2412		-23.74	-20	Pass
		2462		-34.9	-20	Pass
	n20	2412		-22.08	-20	Pass
		2462		-28.96	-20	Pass
	n40	2422		-23	-20	Pass
		2452		-25.62	-20	Pass

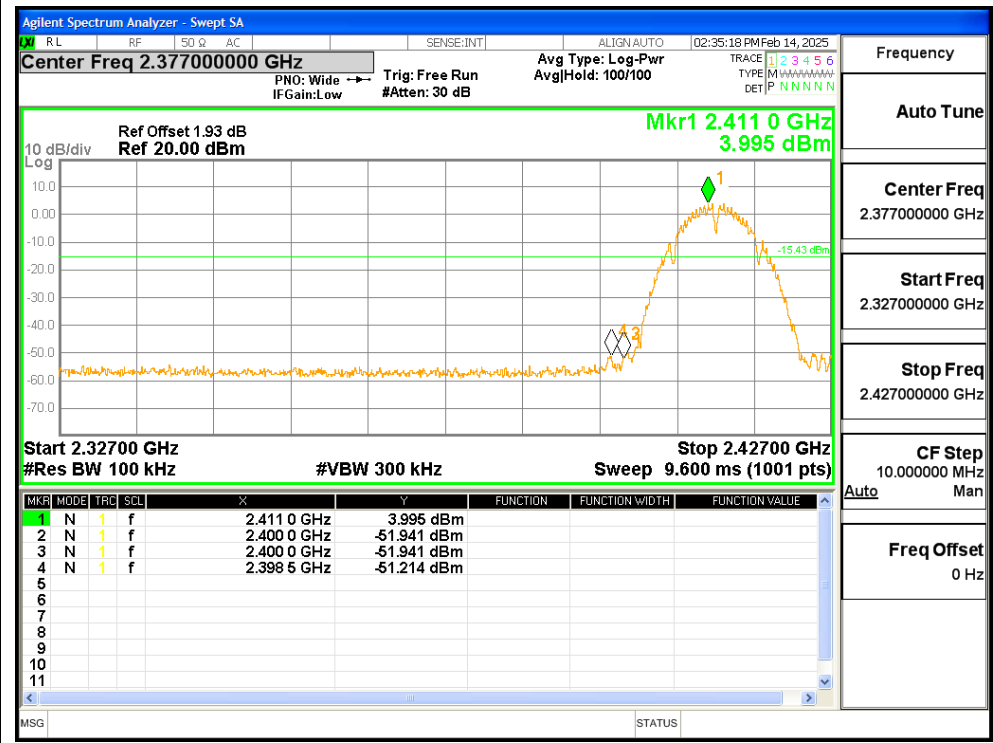
GTSL2025020052F03

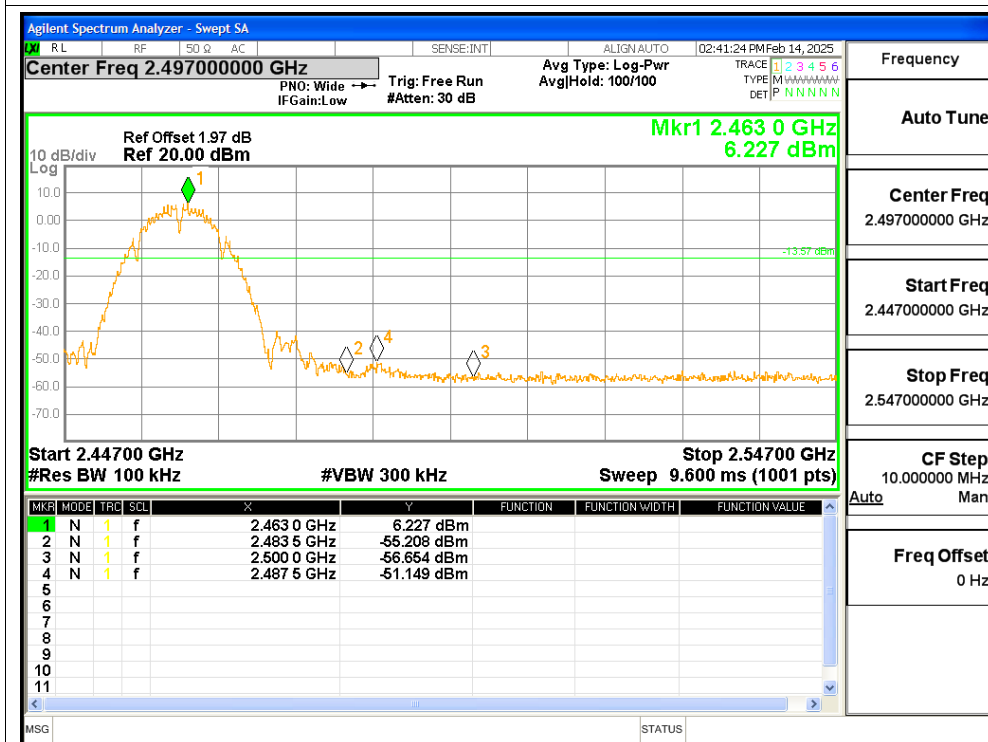
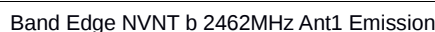
Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



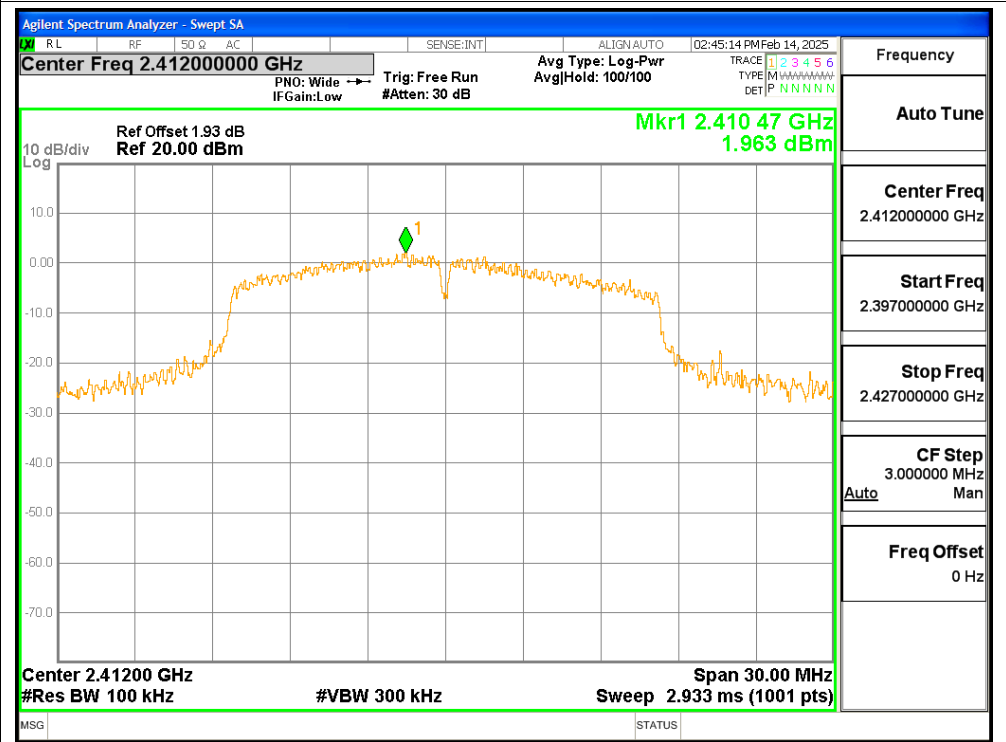
Band Edge NVNT b 2412MHz Ant1 Emission



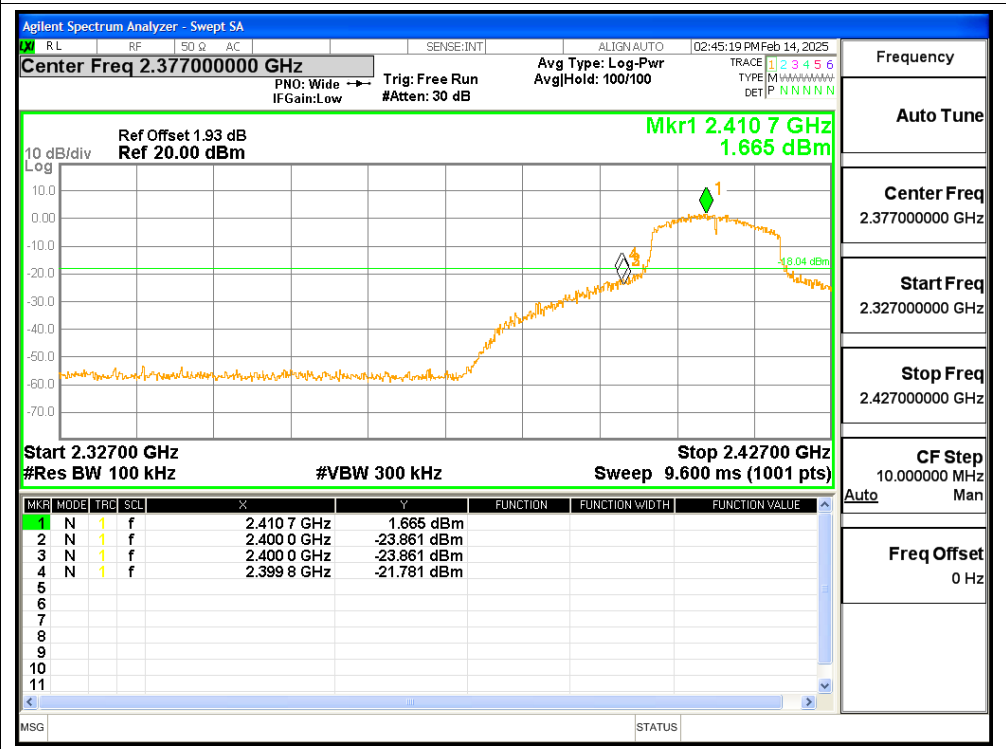


GTSL2025020052F03

Band Edge NVNT g 2412MHz Ant1 Ref

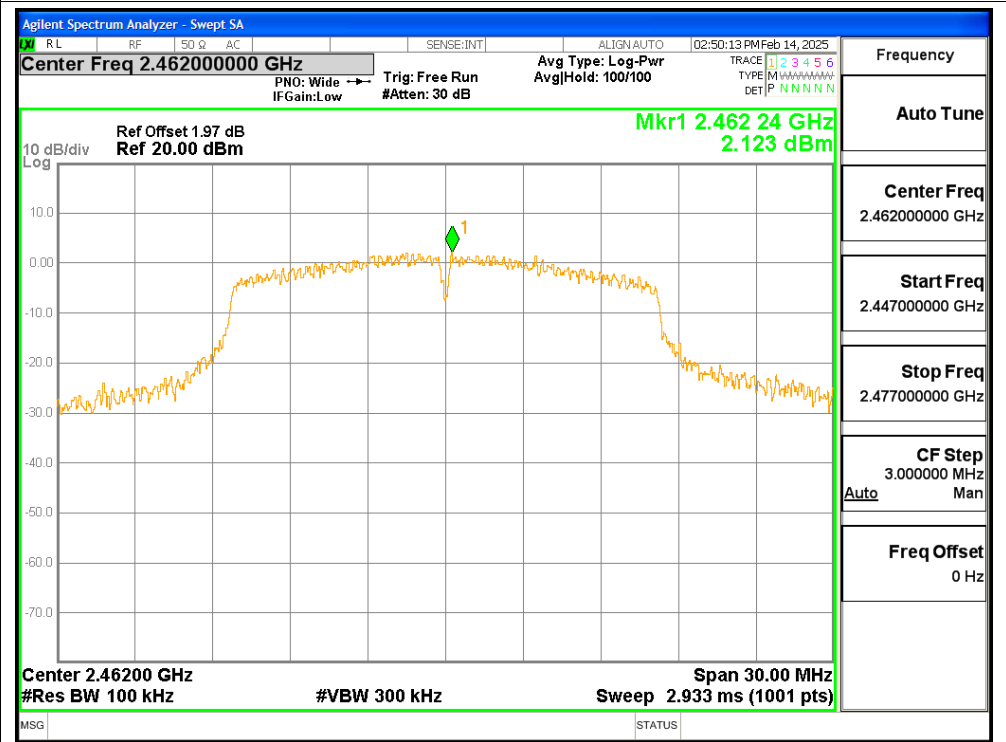


Band Edge NVNT g 2412MHz Ant1 Emission

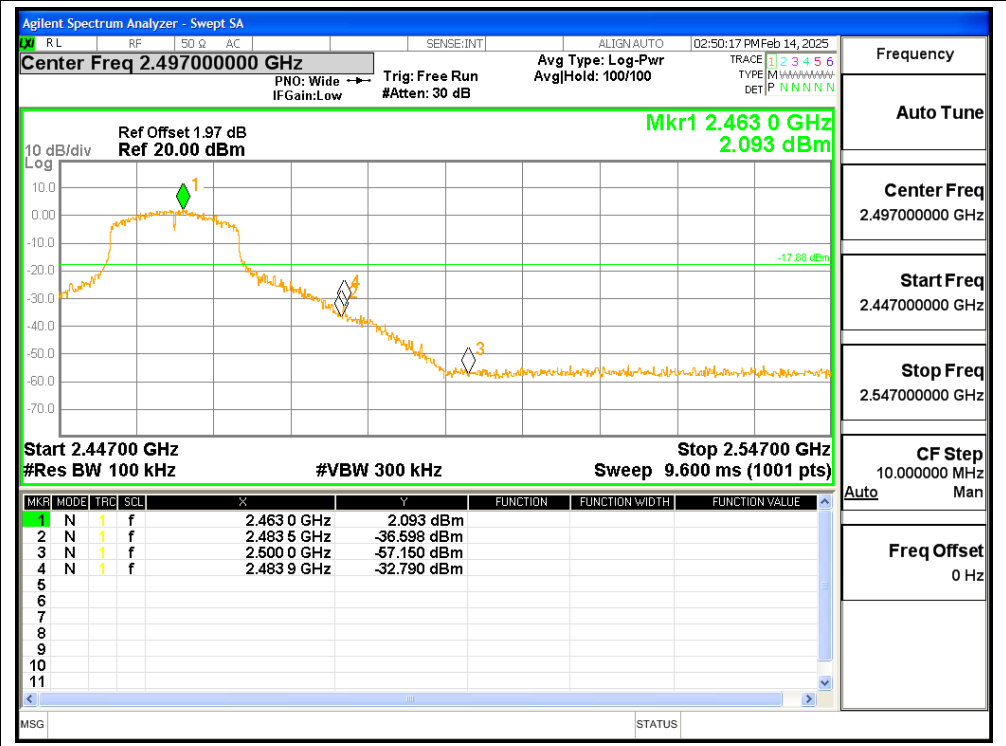


GTSL2025020052F03

Band Edge NVNT g 2462MHz Ant1 Ref

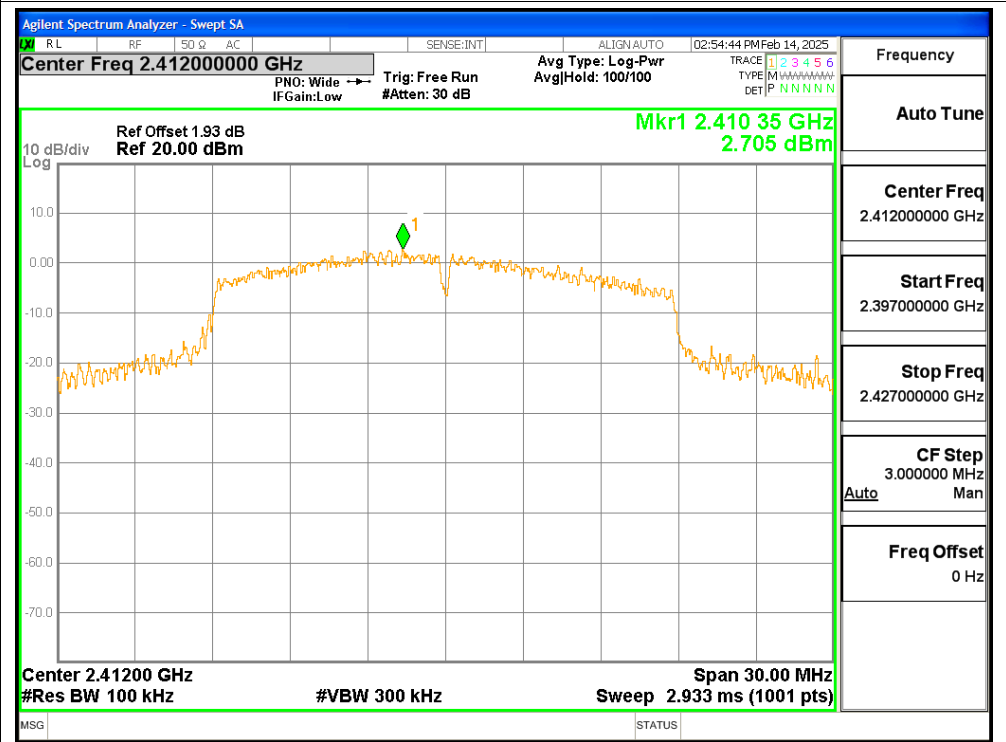


Band Edge NVNT g 2462MHz Ant1 Emission

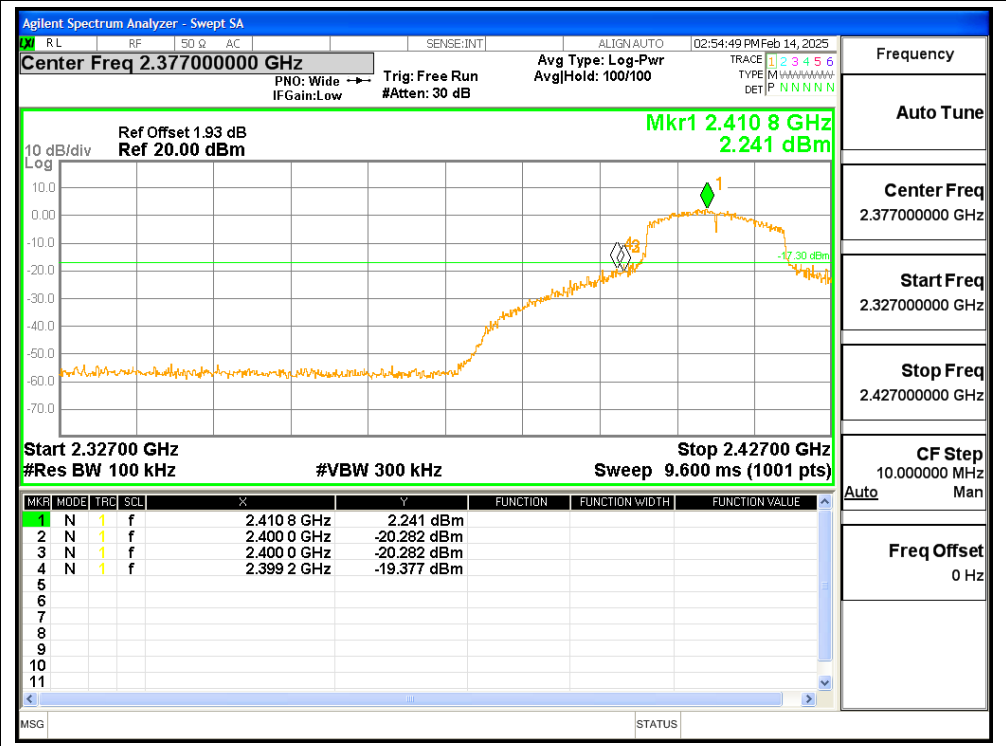


GTSL2025020052F03

Band Edge NVNT n20 2412MHz Ant1 Ref

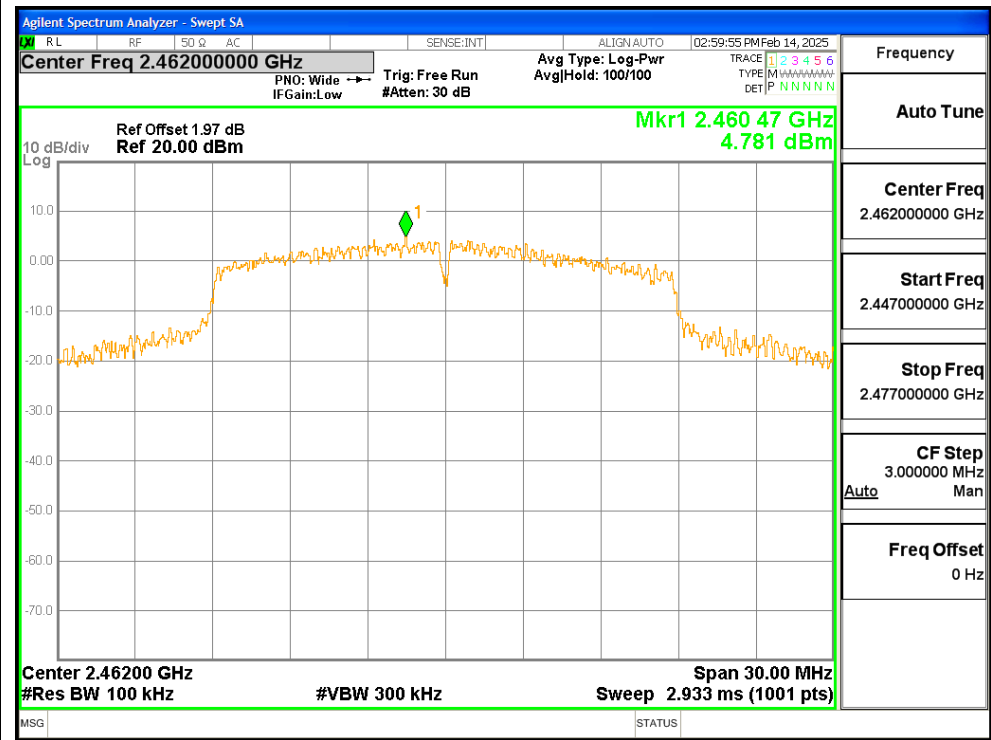


Band Edge NVNT n20 2412MHz Ant1 Emission

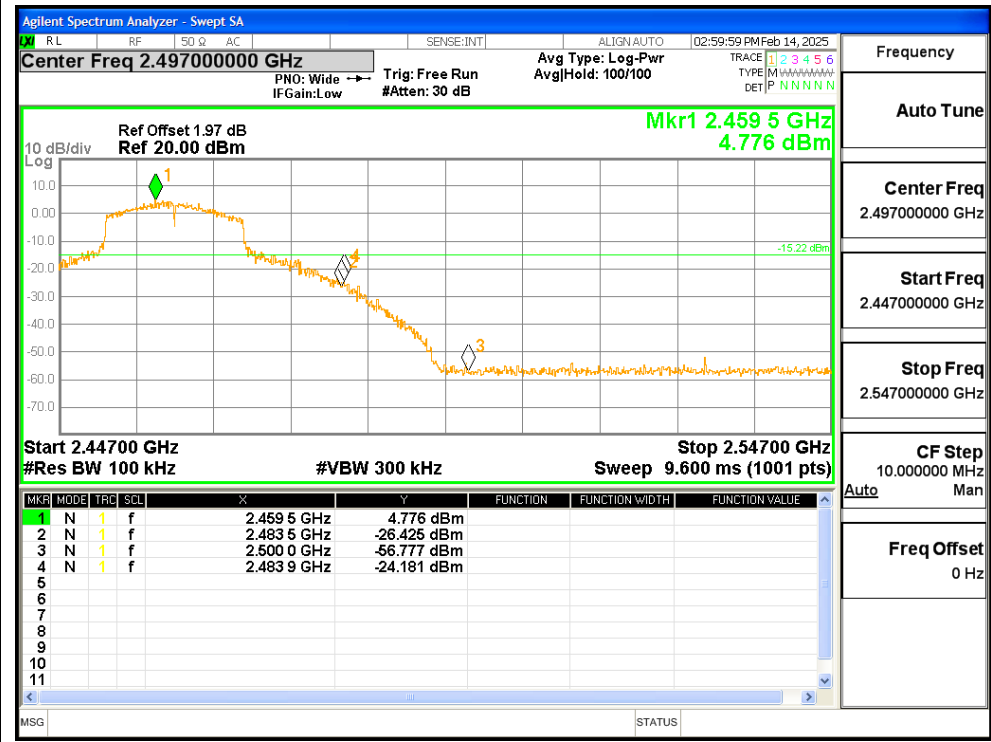


GTSL2025020052F03

Band Edge NVNT n20 2462MHz Ant1 Ref

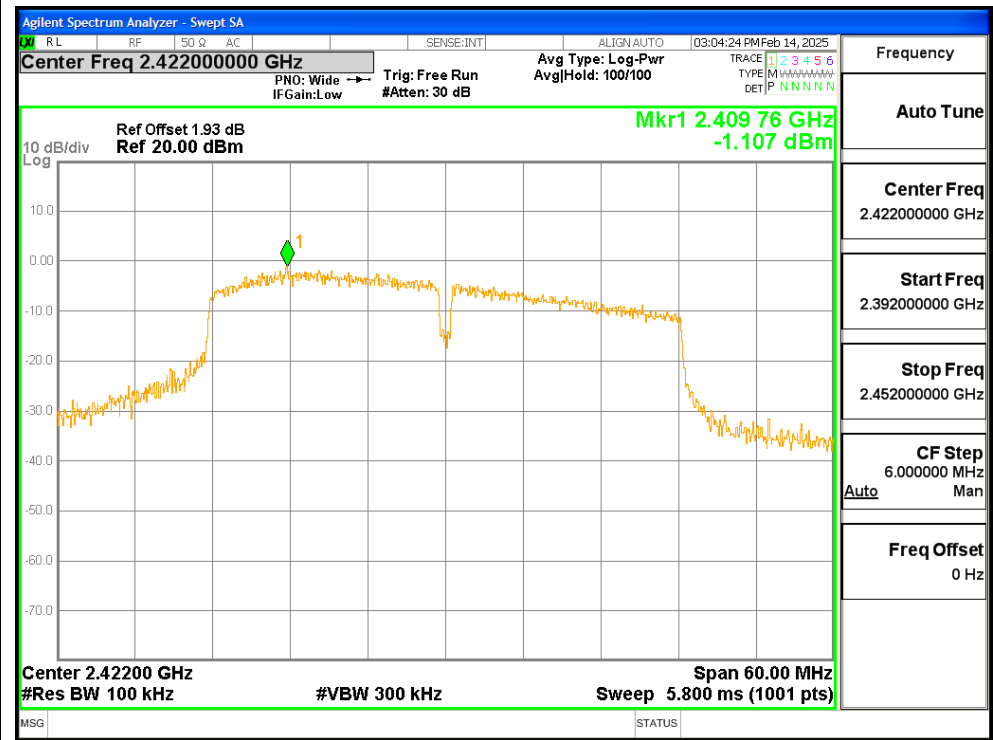


Band Edge NVNT n20 2462MHz Ant1 Emission

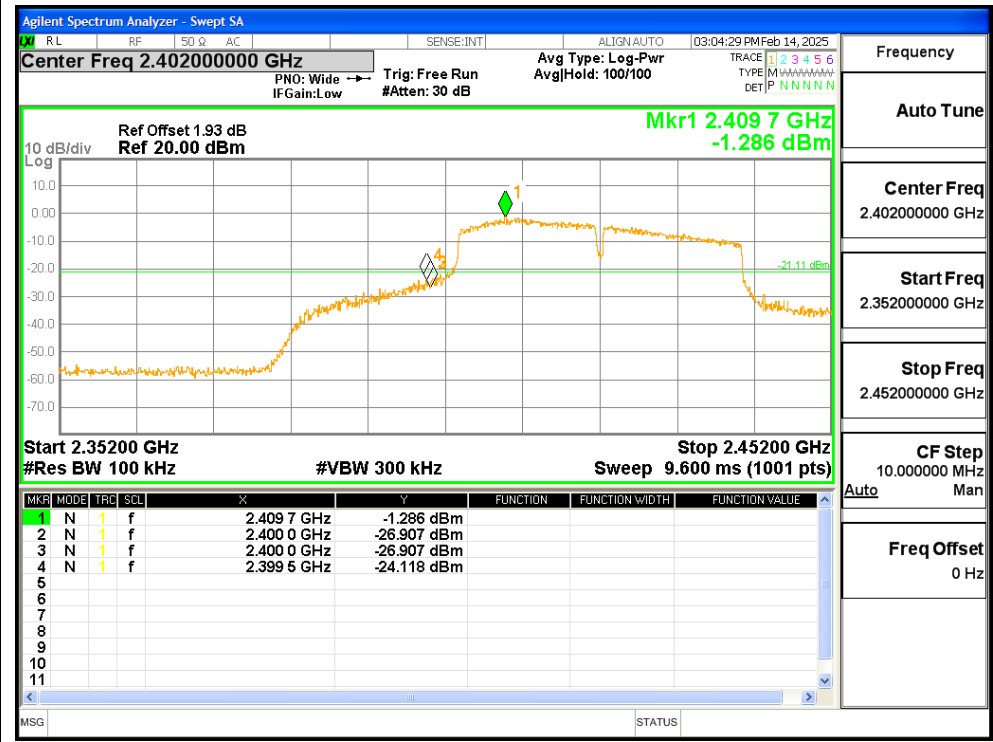


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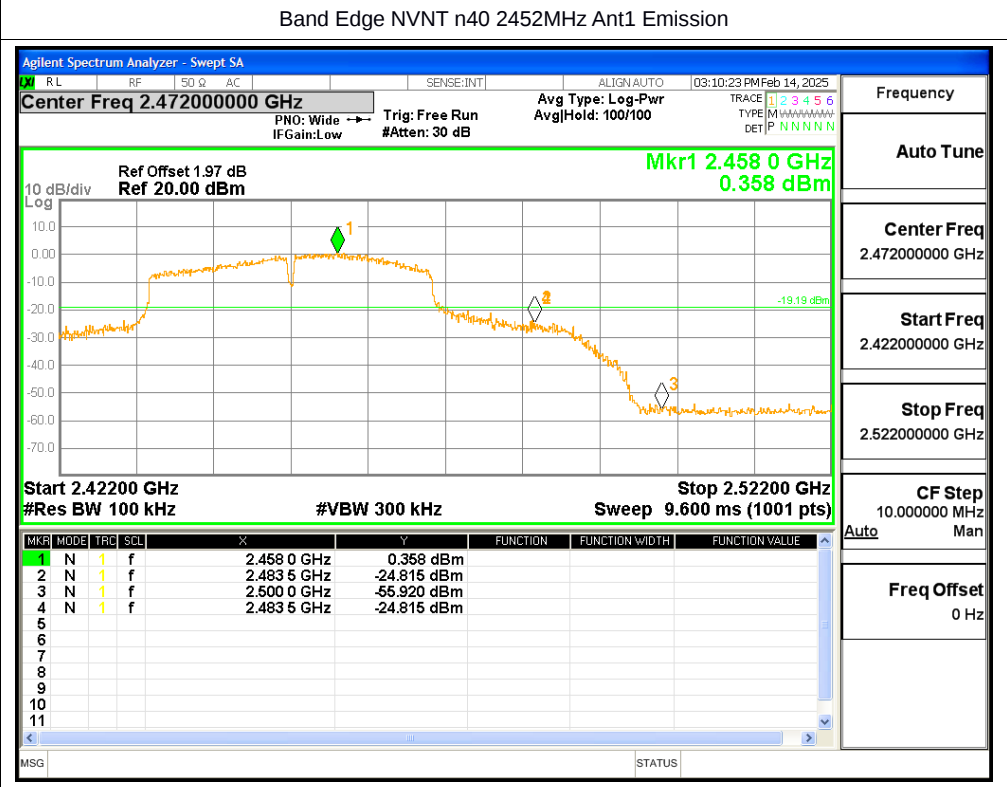
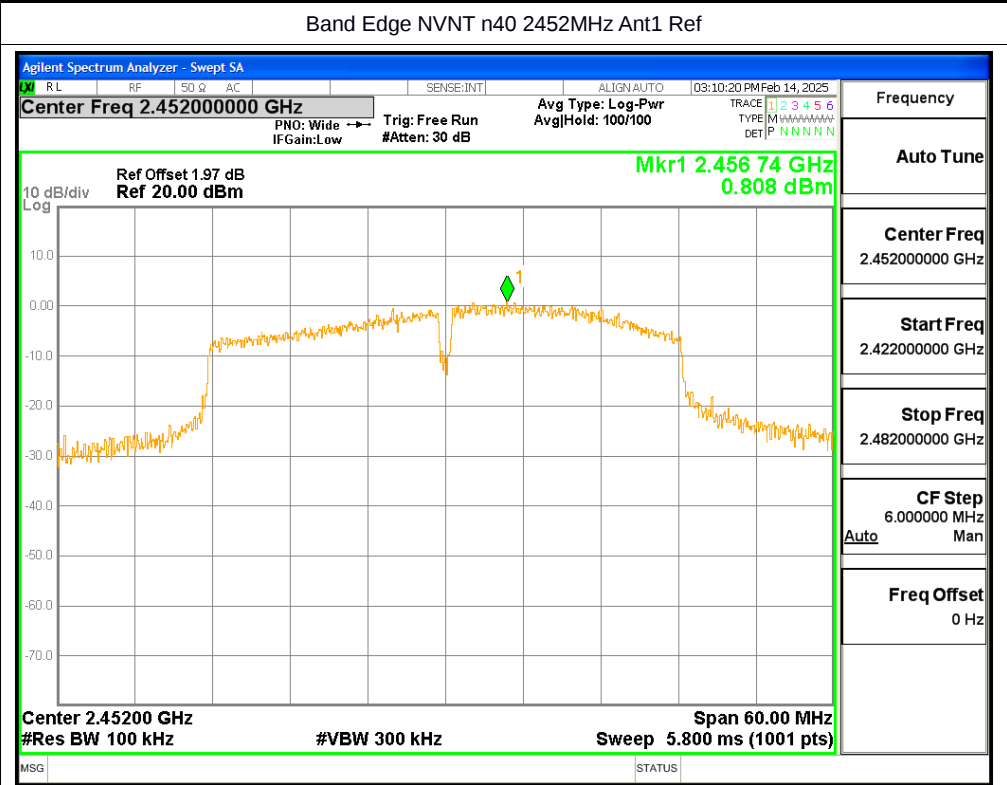
Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission



GTSL2025020052F03



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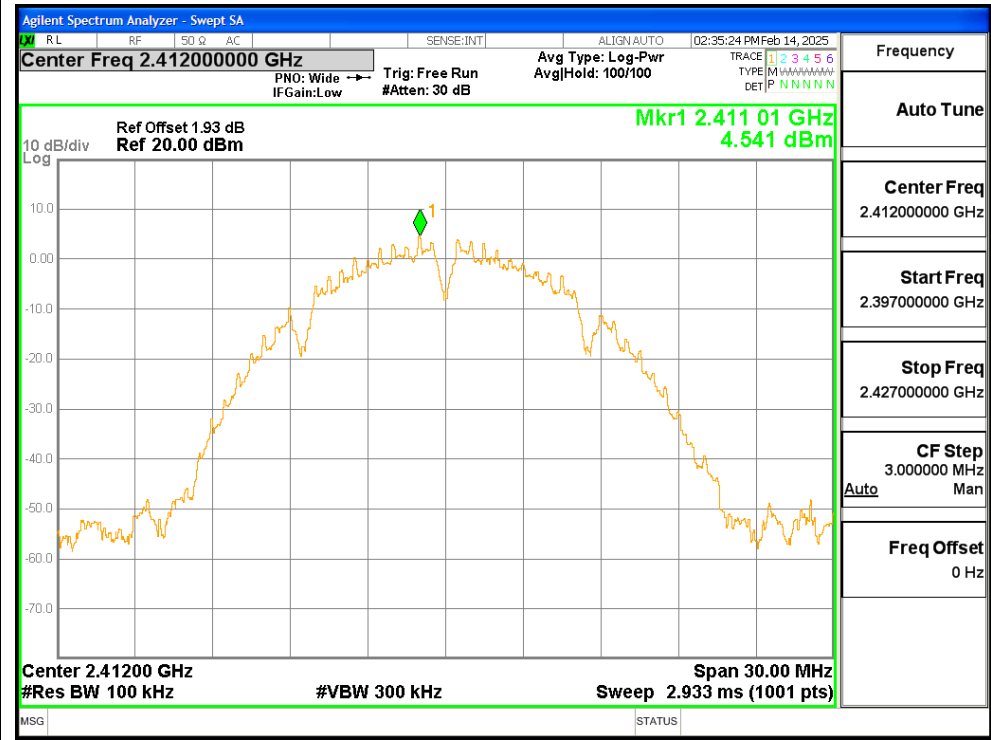
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-39.8	-20	Pass
		2437		-40.03	-20	Pass
		2462		-41.36	-20	Pass
	g	2412		-37.07	-20	Pass
		2437		-37.72	-20	Pass
		2462		-36.98	-20	Pass
	n20	2412		-38.52	-20	Pass
		2437		-34.02	-20	Pass
		2462		-39.32	-20	Pass
	n40	2422		-33.17	-20	Pass
		2437		-32.3	-20	Pass
		2452		-36.34	-20	Pass

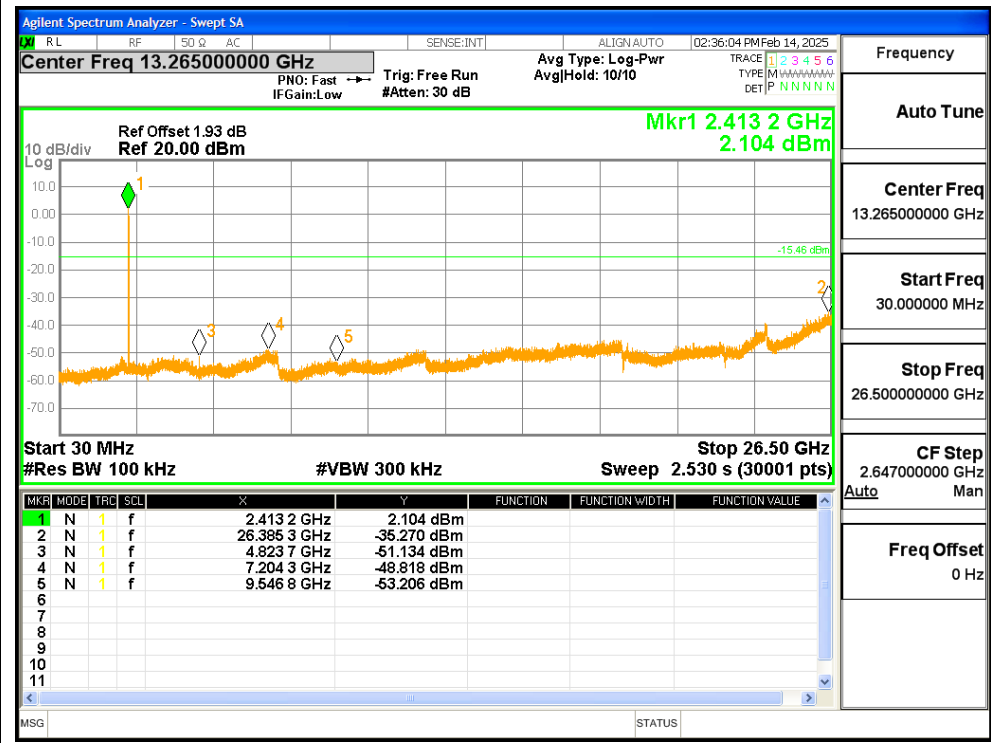
GTSL2025020052F03

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref

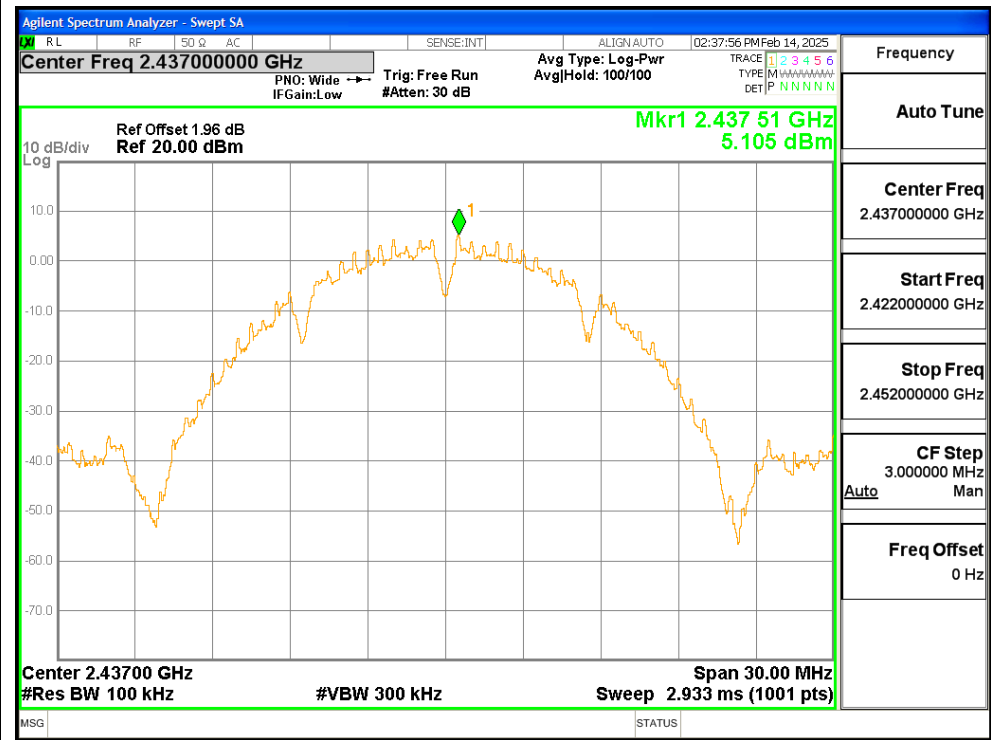


Tx. Spurious NVNT b 2412MHz Ant1 Emission

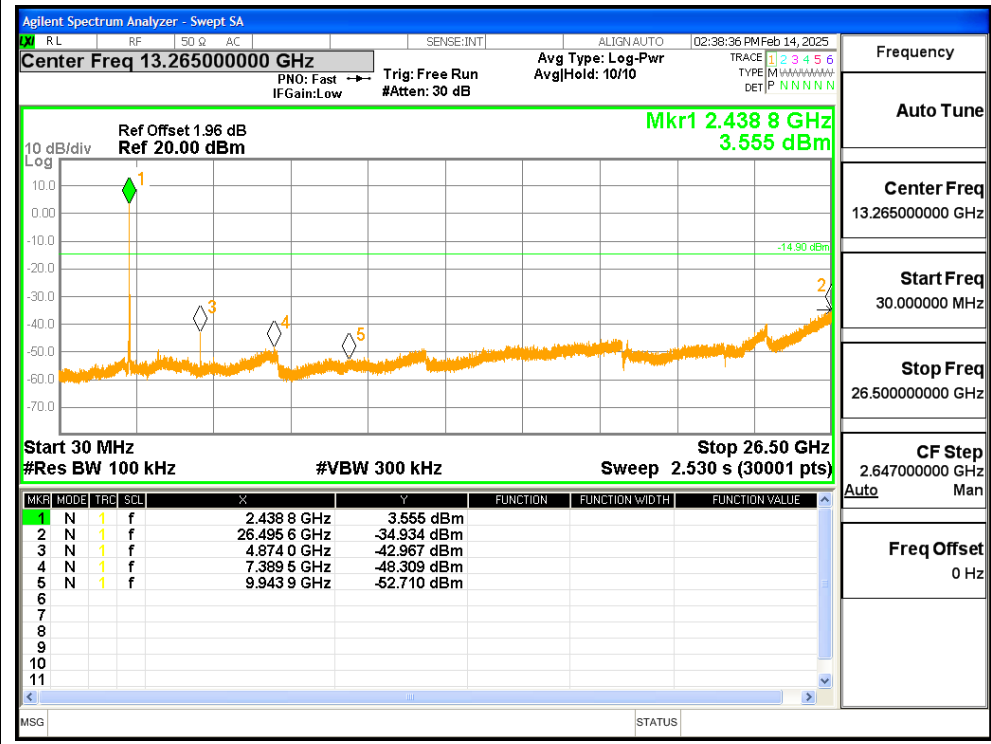


GTSL2025020052F03

Tx. Spurious NVNT b 2437MHz Ant1 Ref

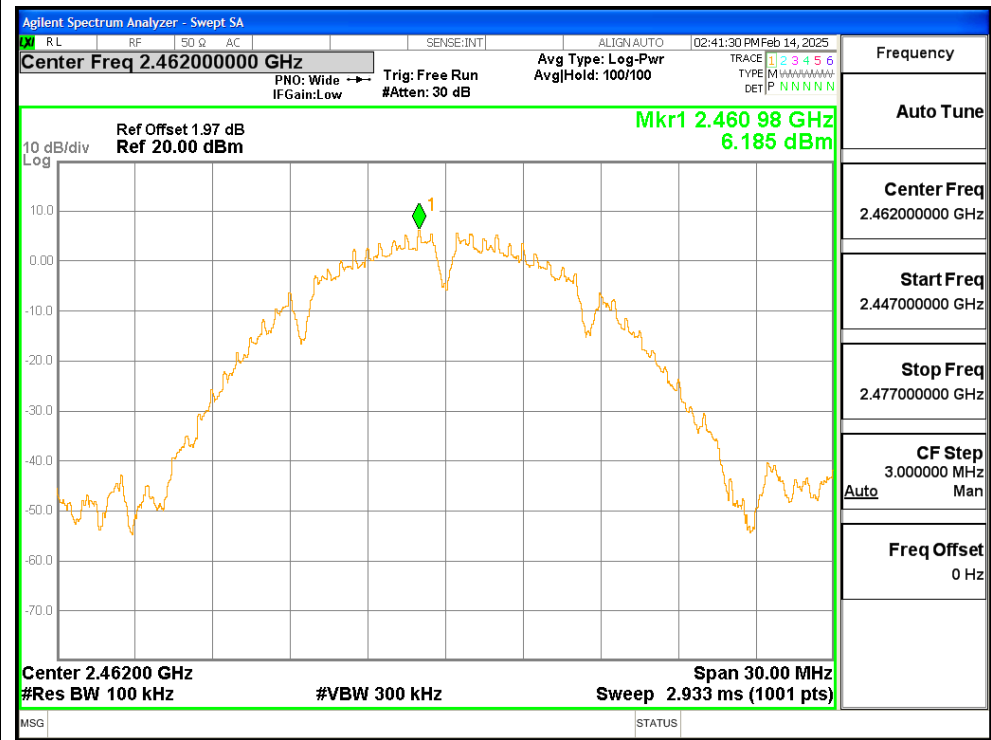


Tx. Spurious NVNT b 2437MHz Ant1 Emission

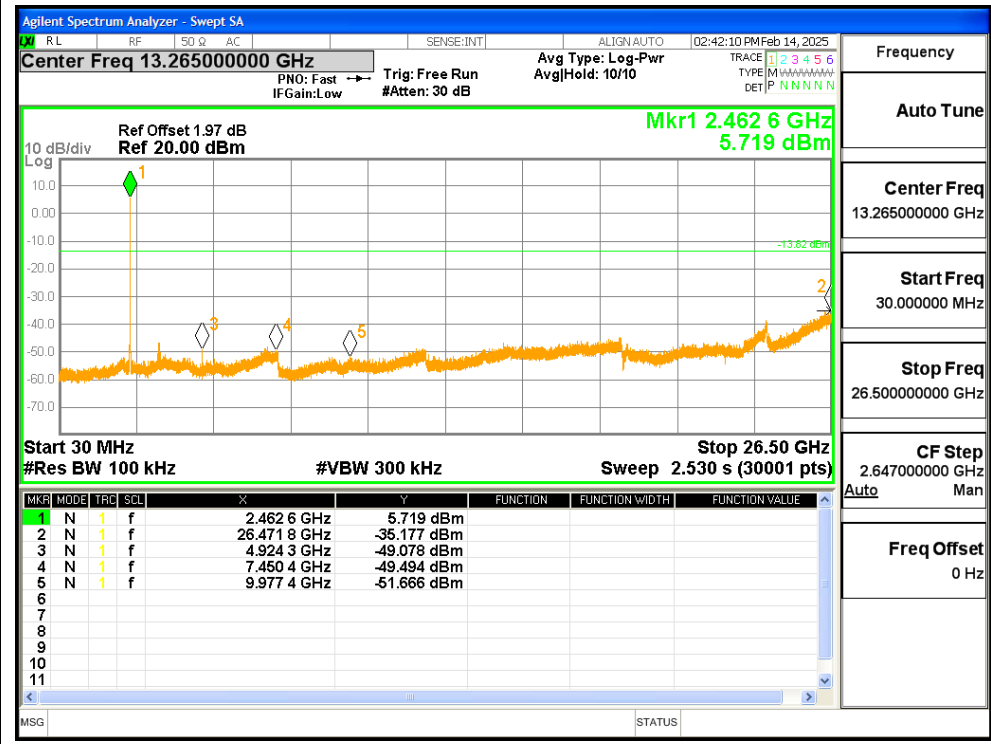


GTSL2025020052F03

Tx. Spurious NVNT b 2462MHz Ant1 Ref

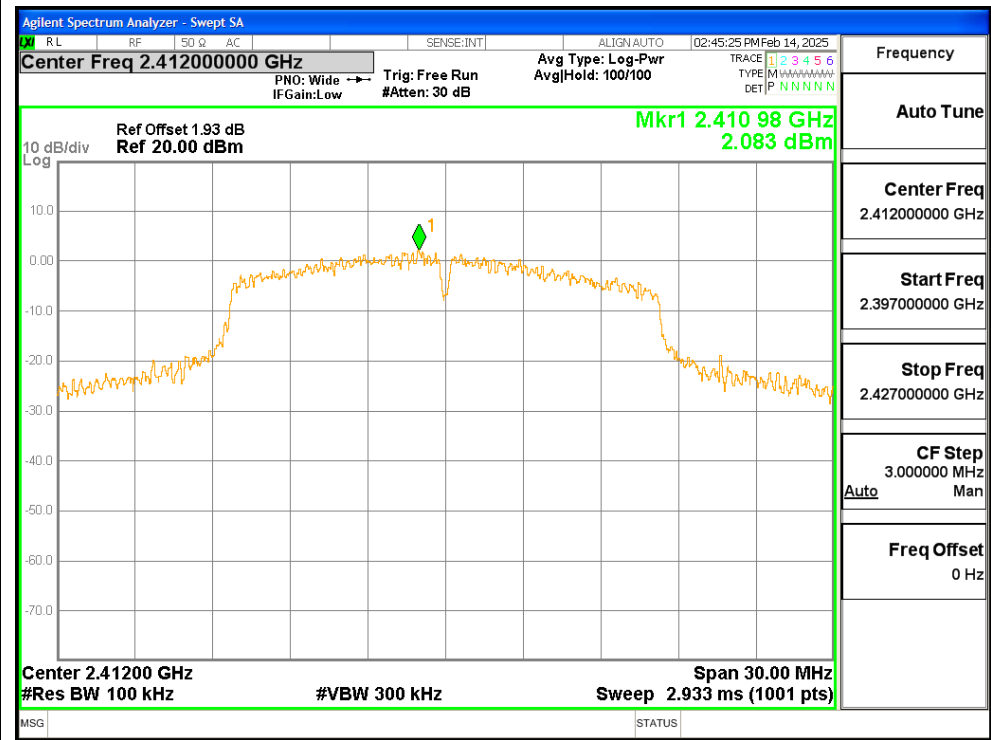


Tx. Spurious NVNT b 2462MHz Ant1 Emission

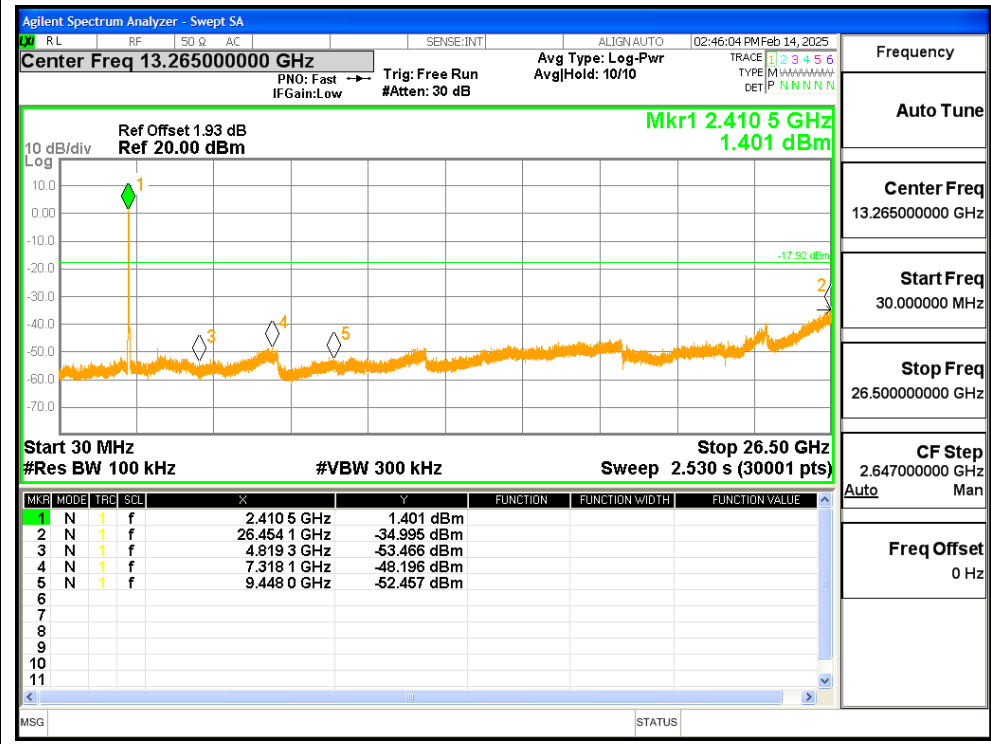


GTSL2025020052F03

Tx. Spurious NVNT g 2412MHz Ant1 Ref

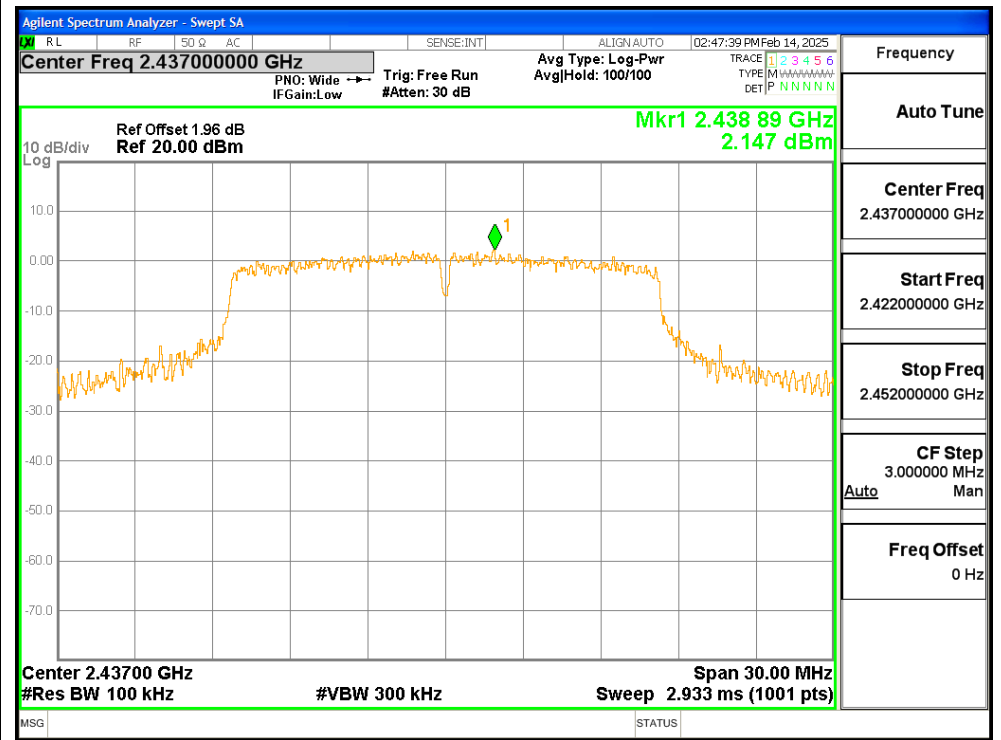


Tx. Spurious NVNT g 2412MHz Ant1 Emission

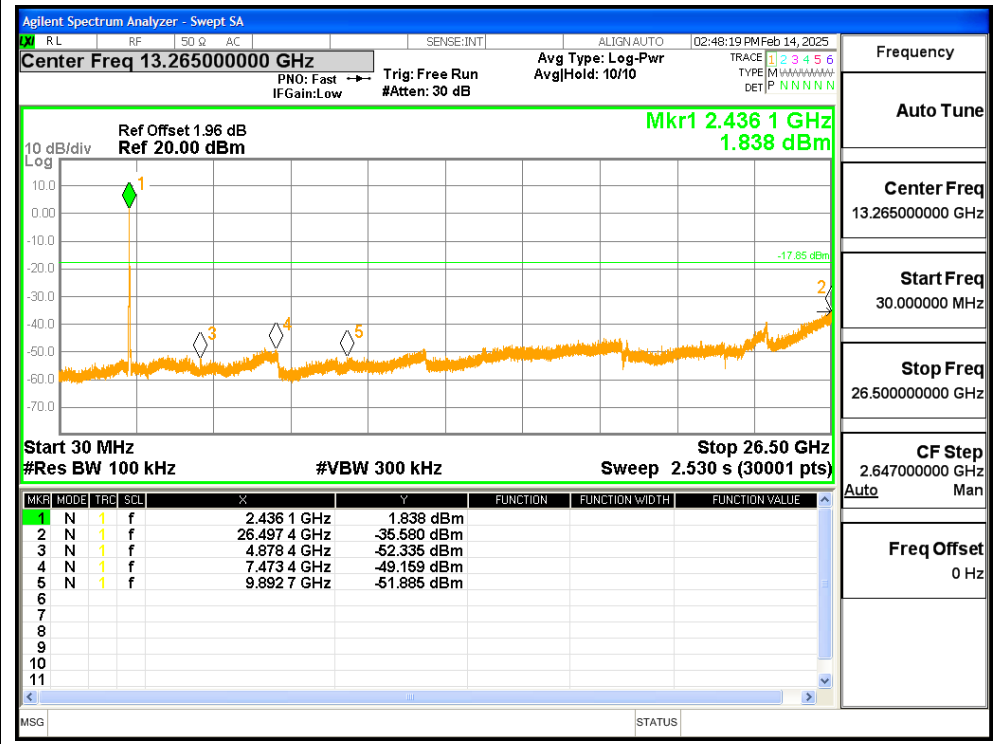


GTSL2025020052F03

Tx. Spurious NVNT g 2437MHz Ant1 Ref

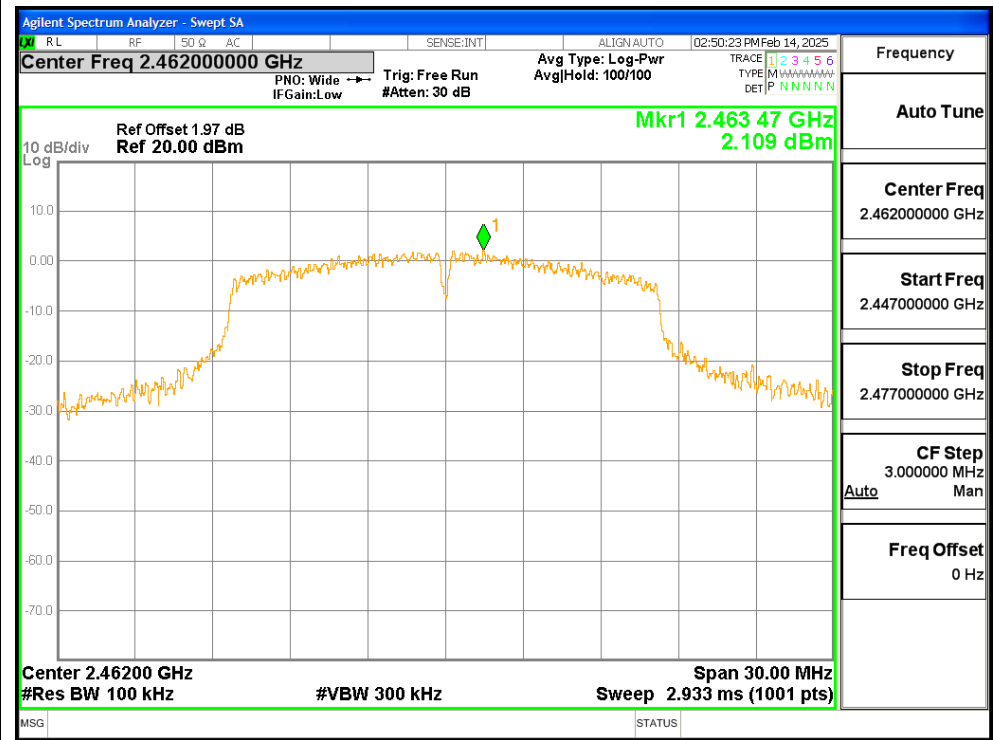


Tx. Spurious NVNT g 2437MHz Ant1 Emission

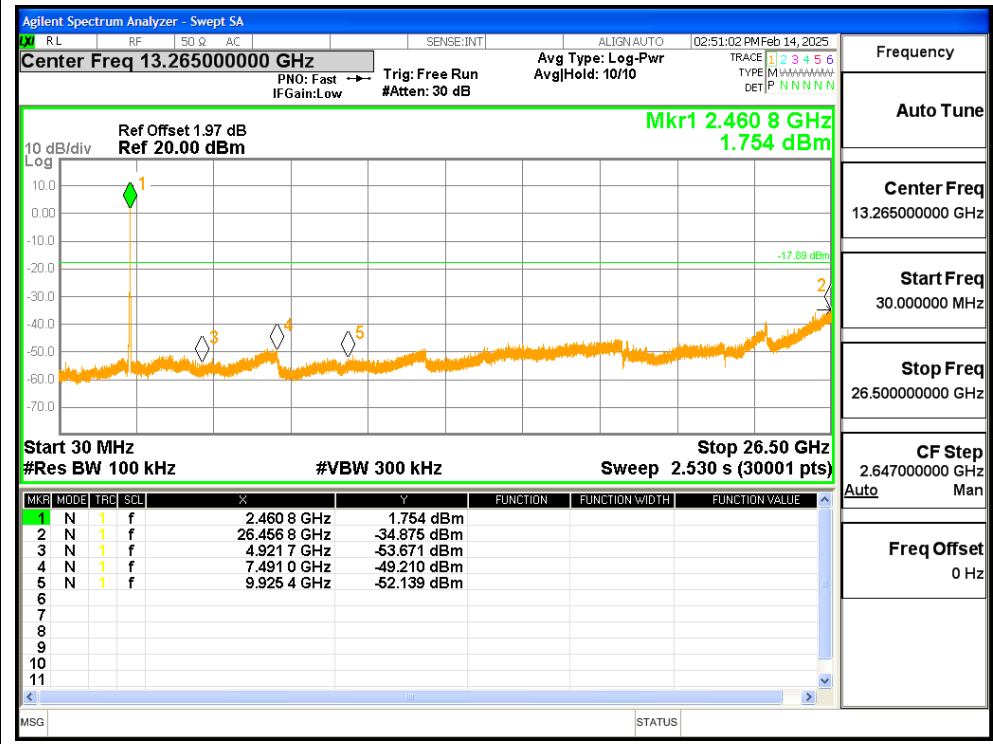


GTSL2025020052F03

Tx. Spurious NVNT g 2462MHz Ant1 Ref

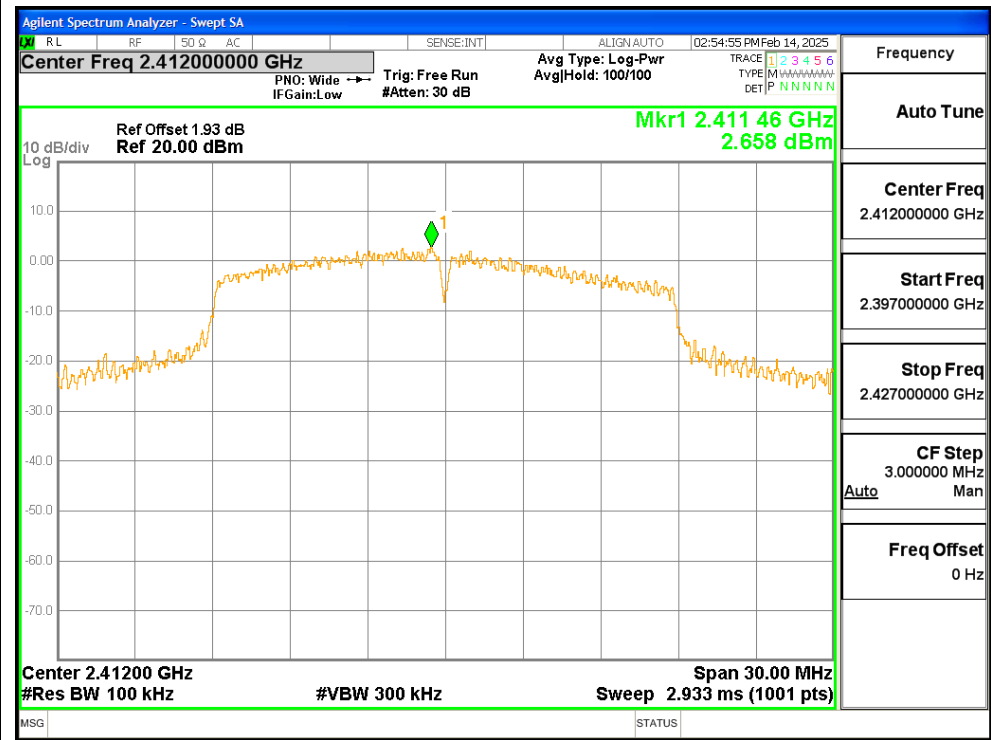


Tx. Spurious NVNT g 2462MHz Ant1 Emission

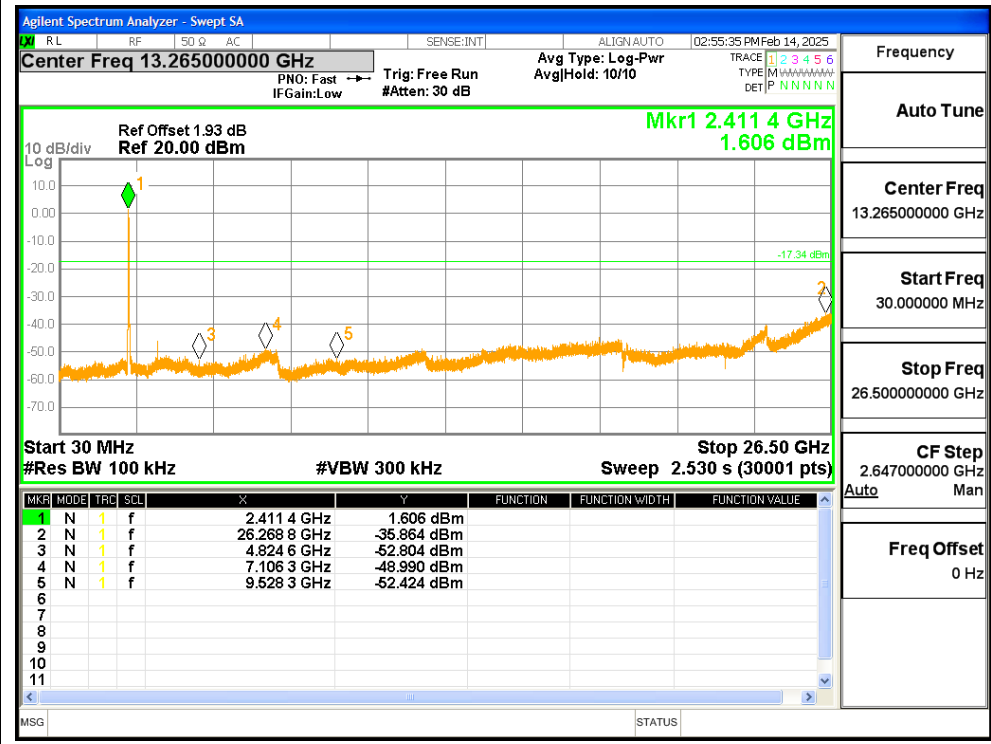


GTSL2025020052F03

Tx. Spurious NVNT n20 2412MHz Ant1 Ref

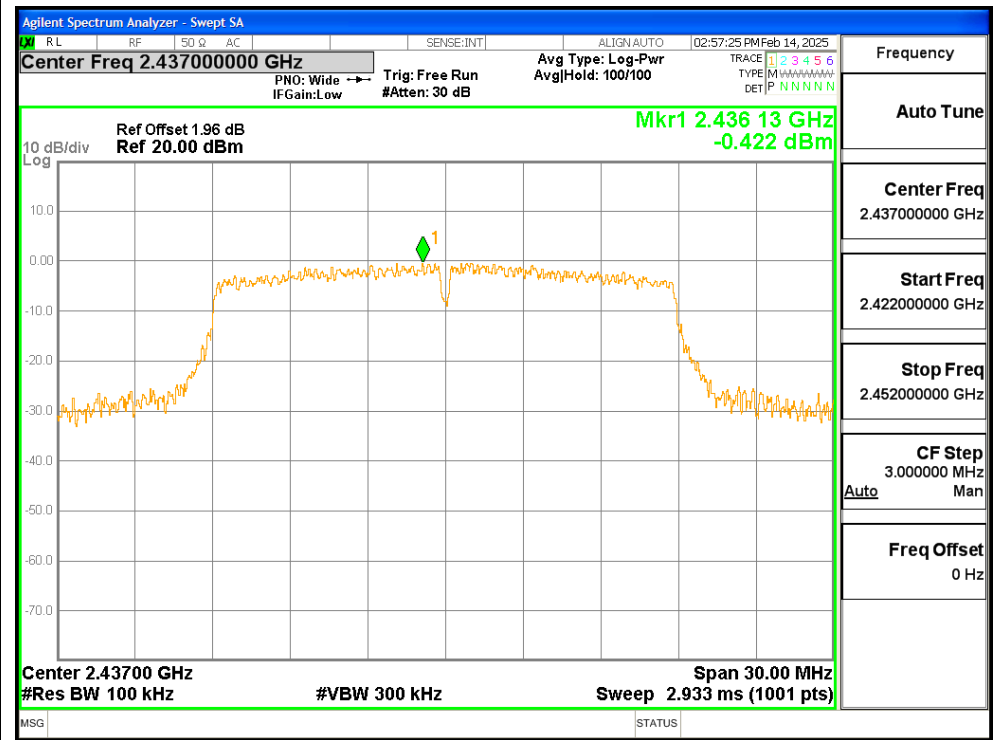


Tx. Spurious NVNT n20 2412MHz Ant1 Emission

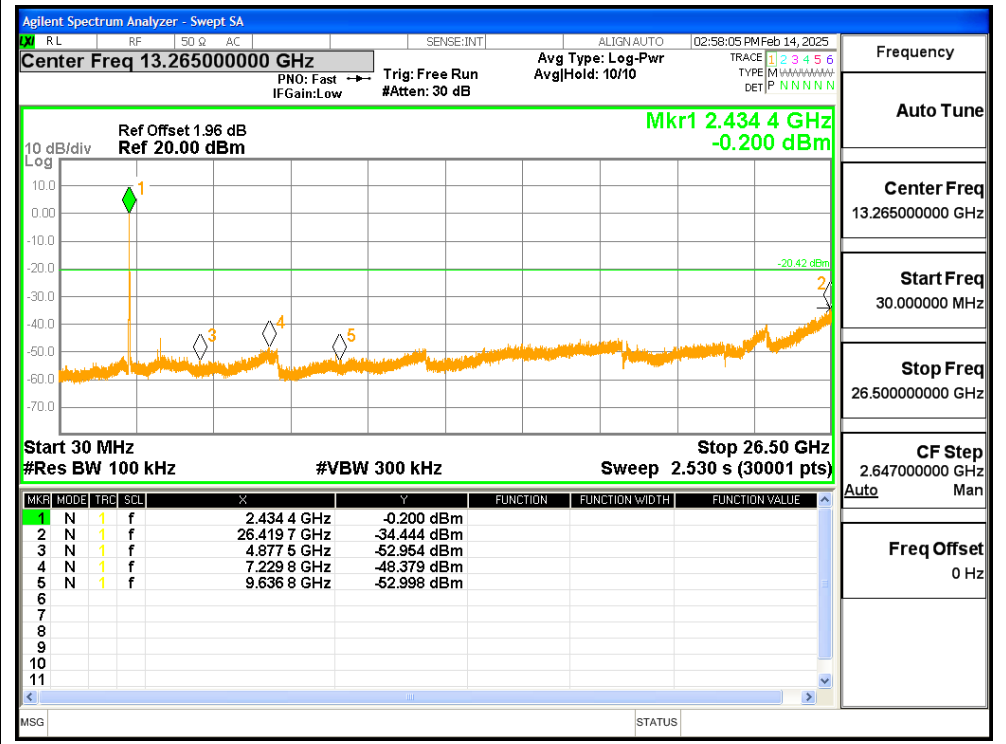


GTSL2025020052F03

Tx. Spurious NVNT n20 2437MHz Ant1 Ref

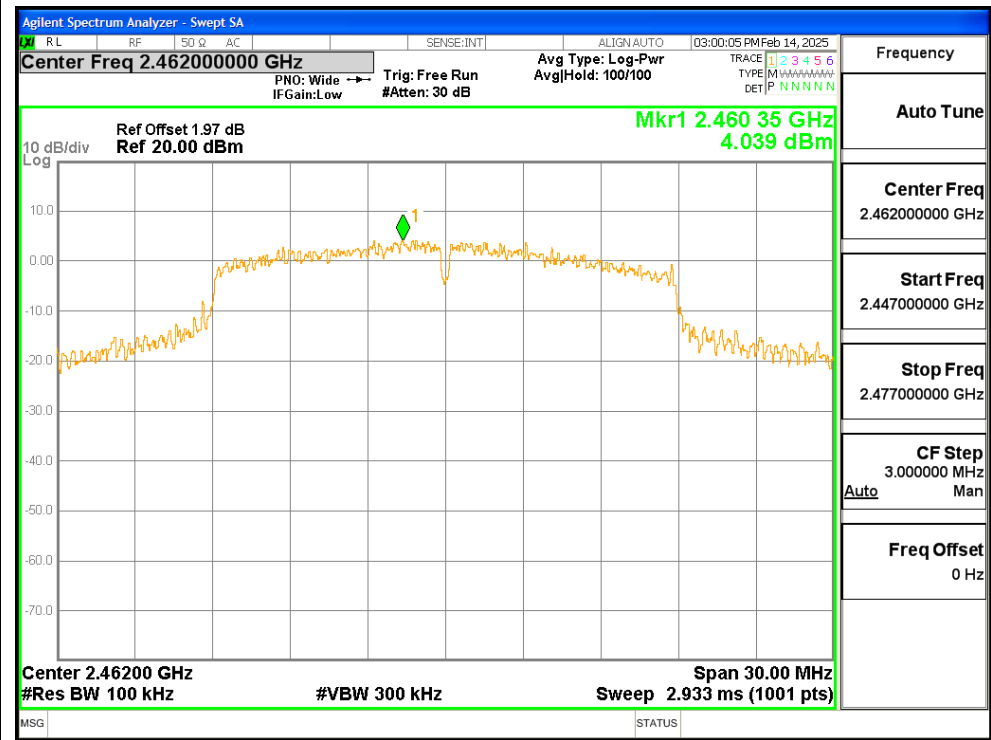


Tx. Spurious NVNT n20 2437MHz Ant1 Emission

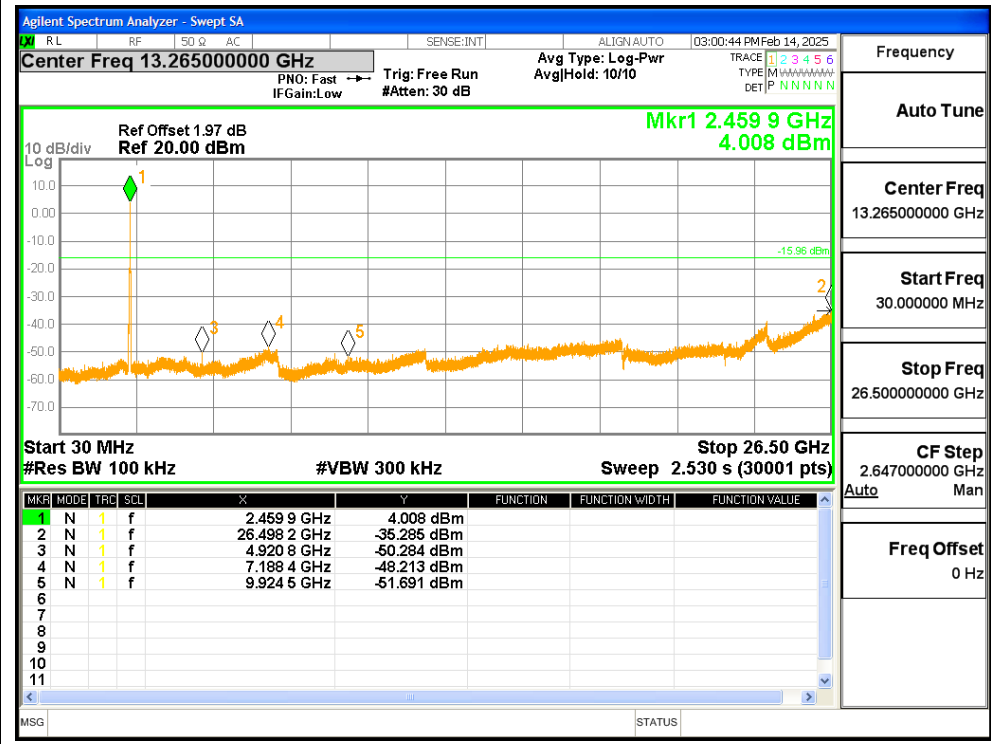


GTSL2025020052F03

Tx. Spurious NVNT n20 2462MHz Ant1 Ref

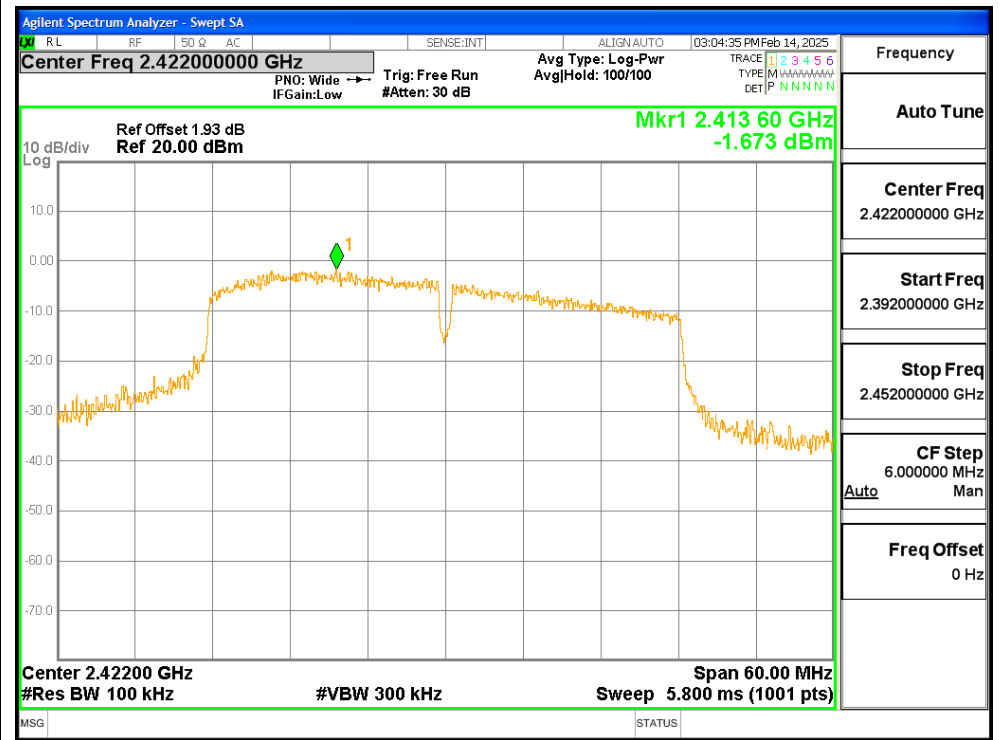


Tx. Spurious NVNT n20 2462MHz Ant1 Emission

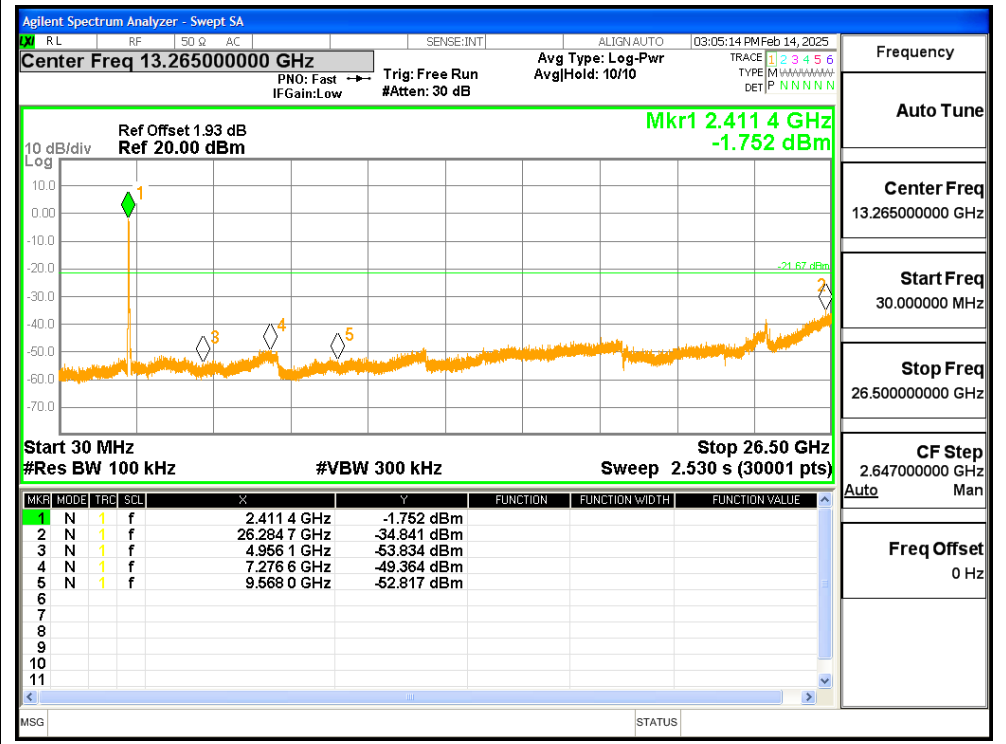


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Tx. Spurious NVNT n40 2422MHz Ant1 Ref

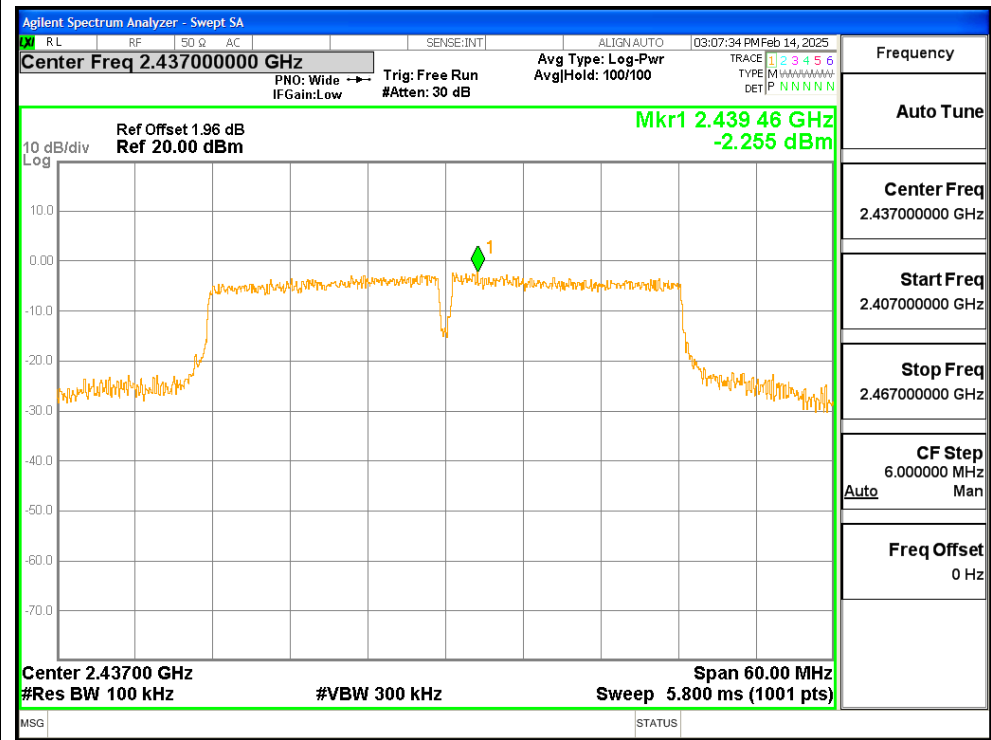


Tx. Spurious NVNT n40 2422MHz Ant1 Emission

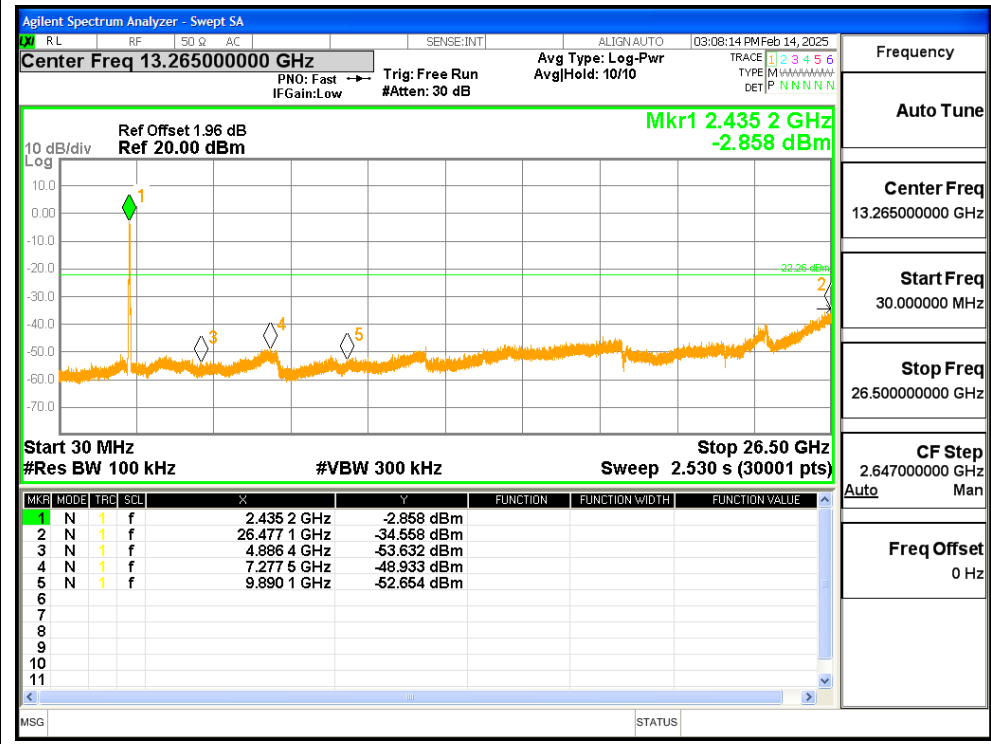


GTSL2025020052F03

Tx. Spurious NVNT n40 2437MHz Ant1 Ref

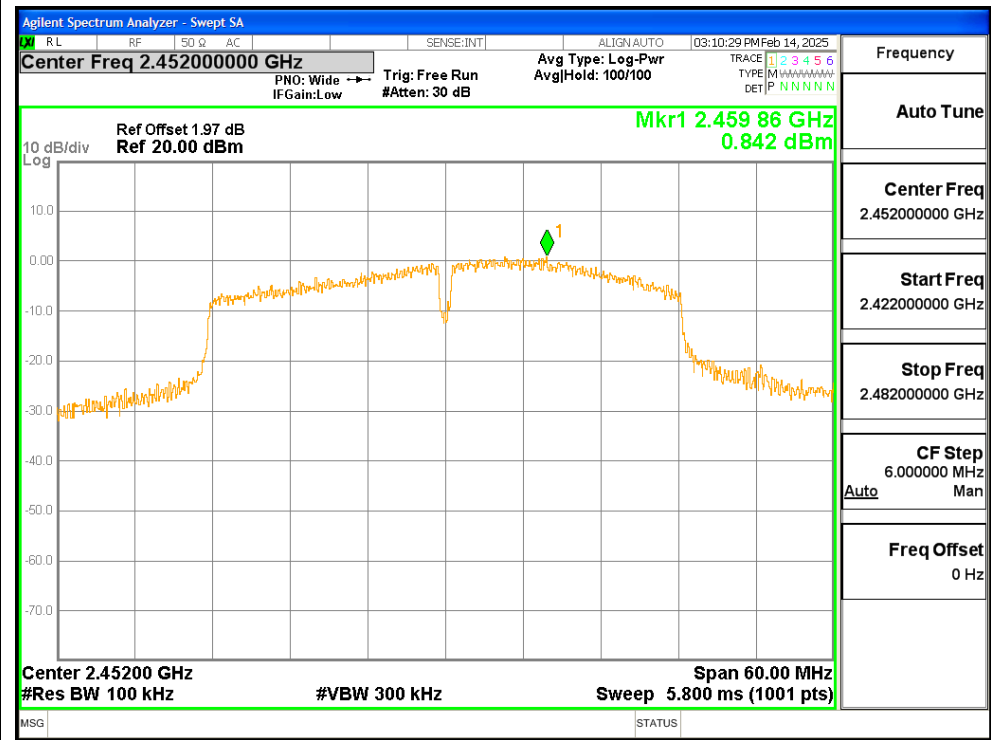


Tx. Spurious NVNT n40 2437MHz Ant1 Emission



GTSL2025020052F03

Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission

