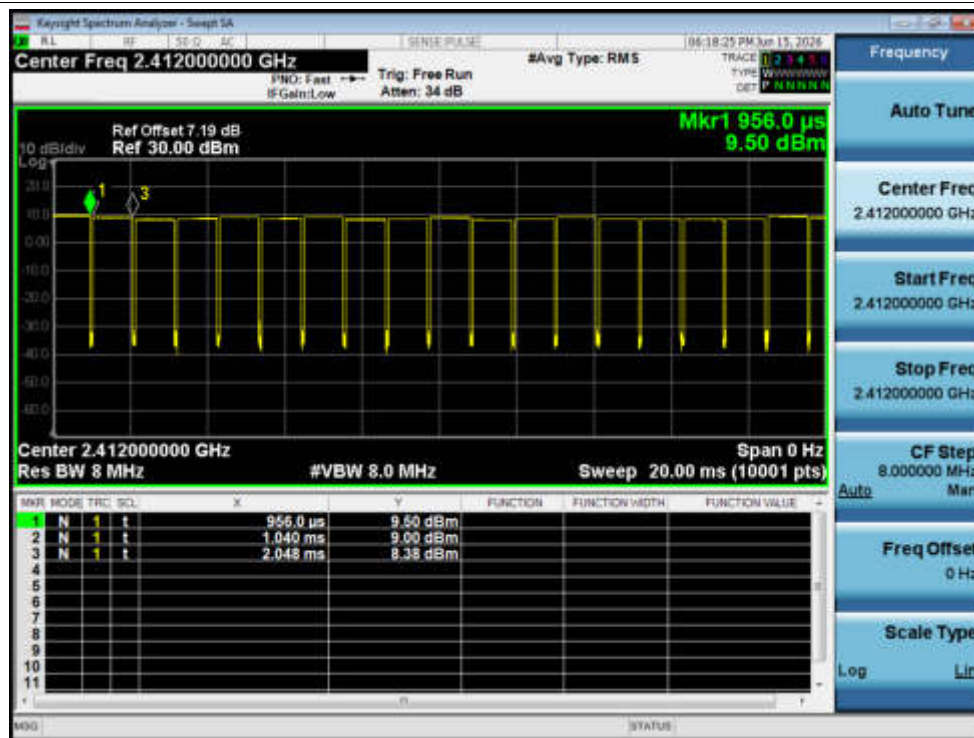


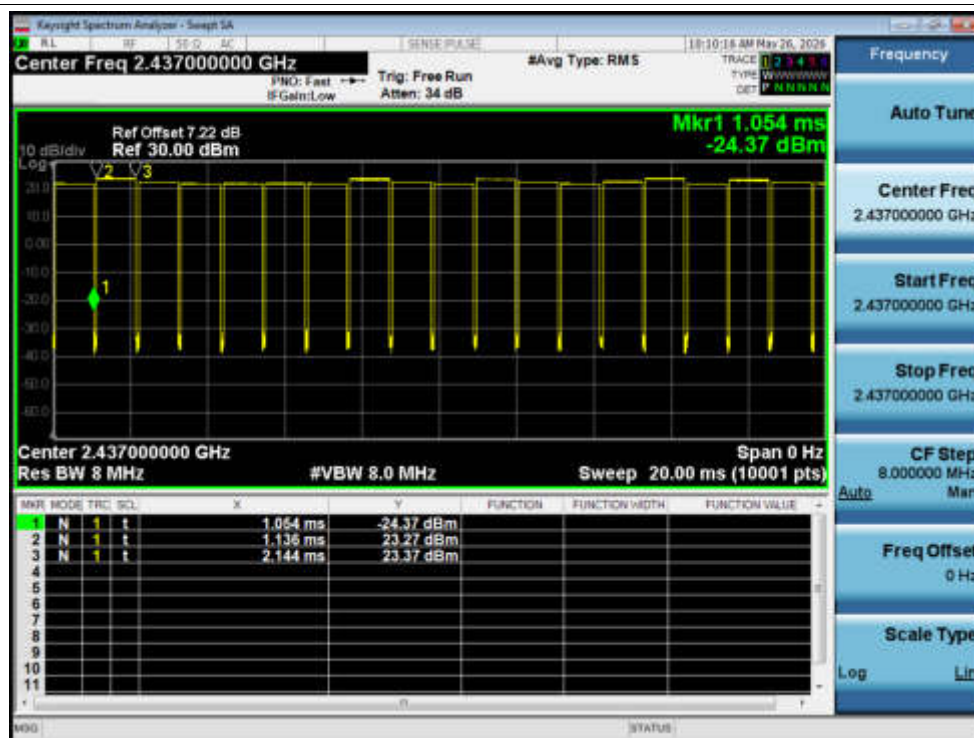
Appendix A

Duty Cycle

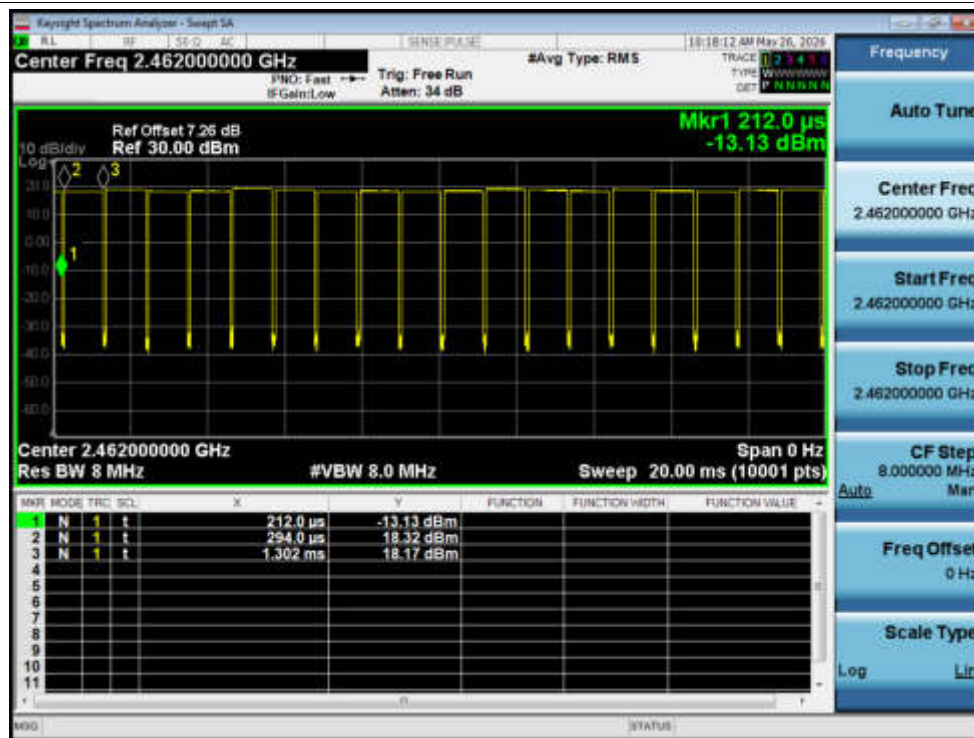
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	92.31	0.35	0.99
NVNT	b	2437	Ant1	92.48	0.34	0.99
NVNT	b	2462	Ant1	92.48	0.34	0.99
NVNT	g	2412	Ant1	94.5	0.25	1.62
NVNT	g	2437	Ant1	94.21	0.26	1.62
NVNT	g	2462	Ant1	94.19	0.26	1.62
NVNT	n20	2412	Ant1	94.44	0.25	1.63
NVNT	n20	2437	Ant1	94.15	0.26	1.63
NVNT	n20	2462	Ant1	94.15	0.26	1.63
NVNT	n40	2422	Ant1	89.27	0.49	3.16
NVNT	n40	2437	Ant1	89.27	0.49	3.16
NVNT	n40	2452	Ant1	89.27	0.49	3.16



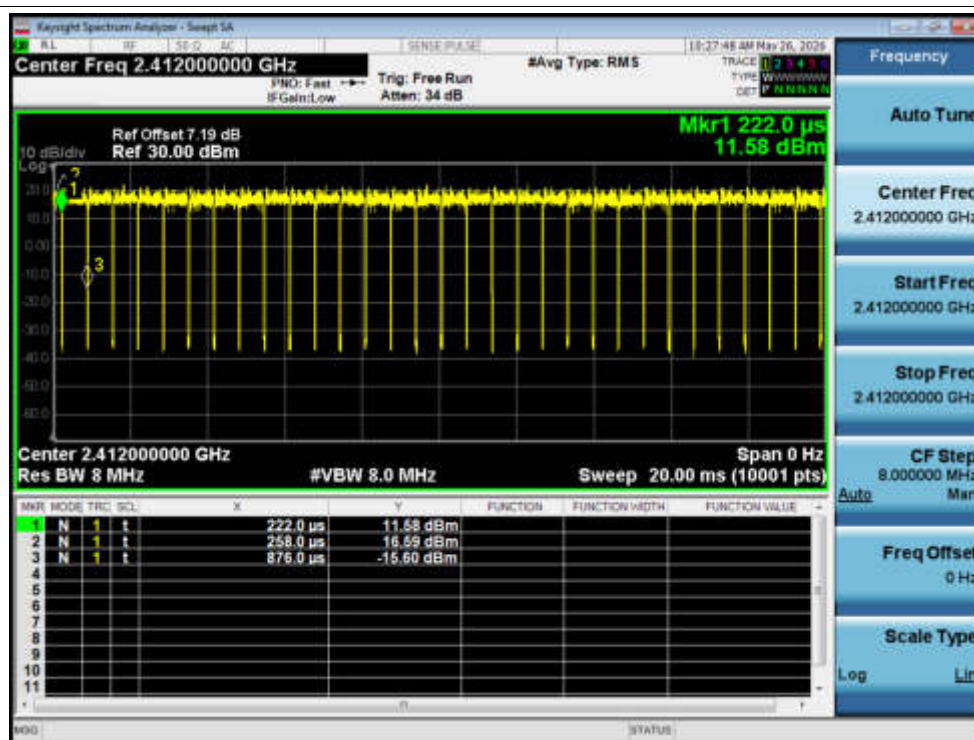
Duty Cycle NVNT b 2412MHz Ant1



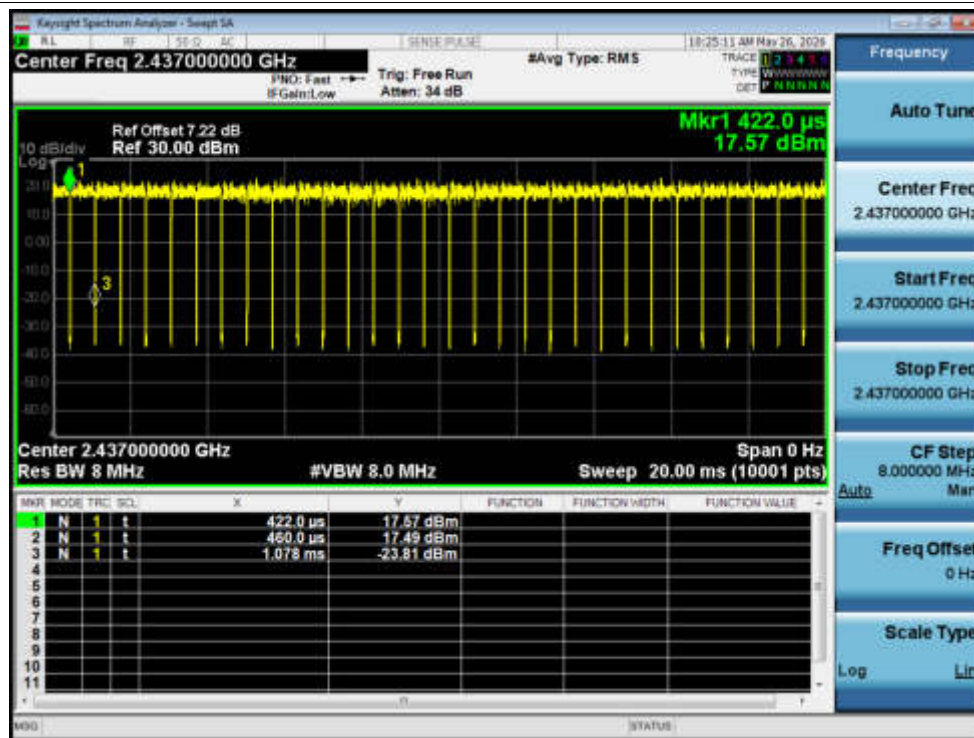
Duty Cycle NVNT b 2437MHz Ant1



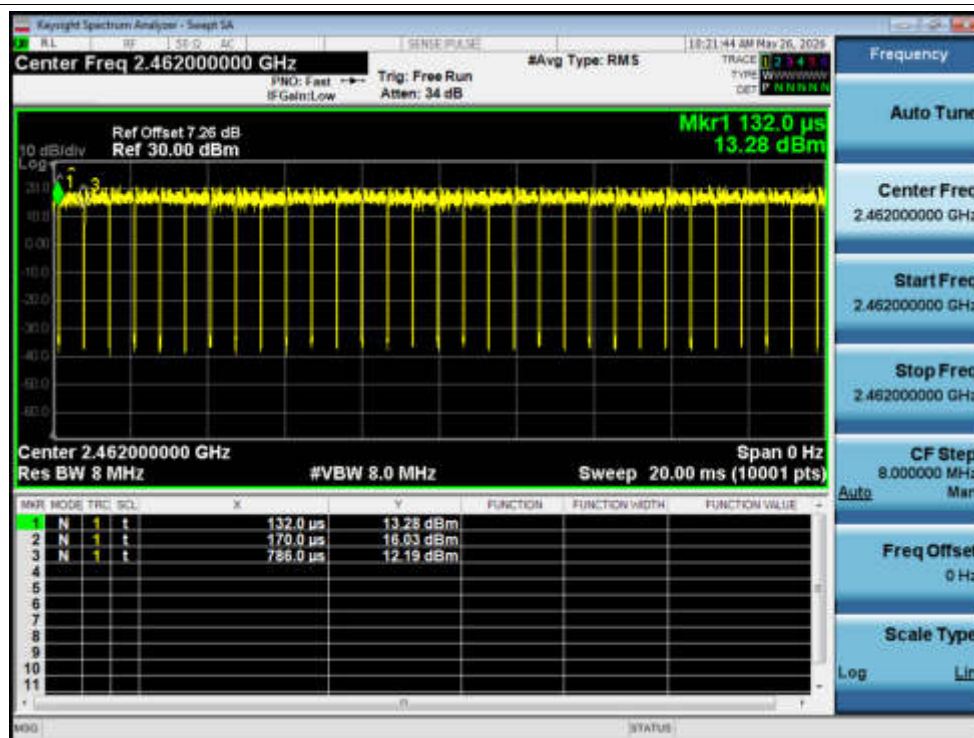
Duty Cycle NVNT b 2462MHz Ant1



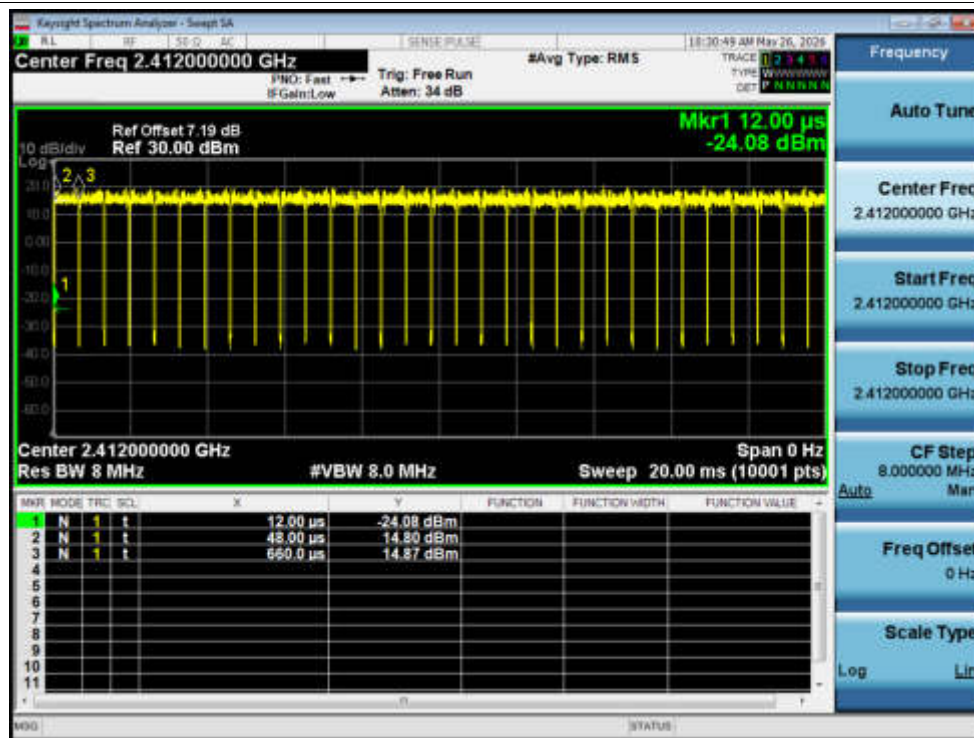
Duty Cycle NVNT g 2412MHz Ant1



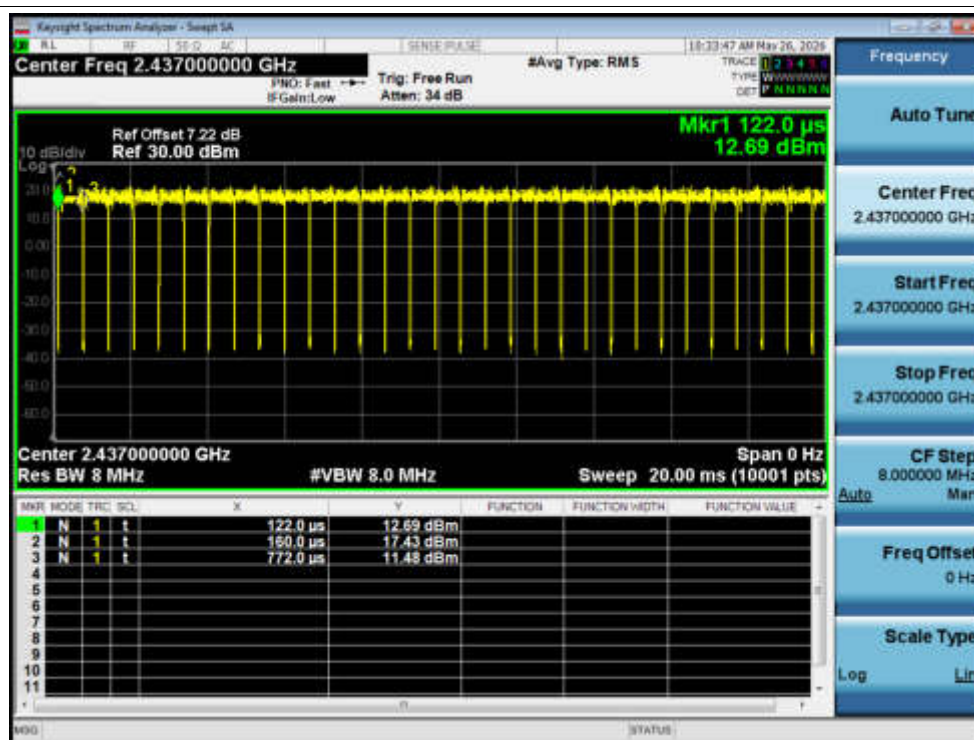
Duty Cycle NVNT g 2437MHz Ant1



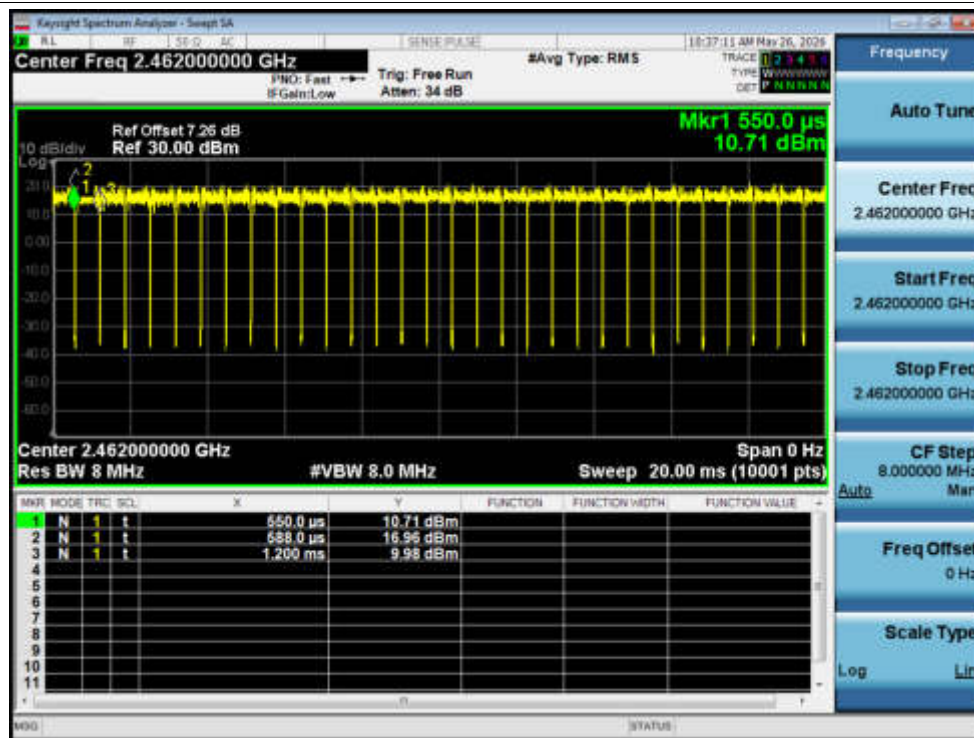
Duty Cycle NVNT g 2462MHz Ant1



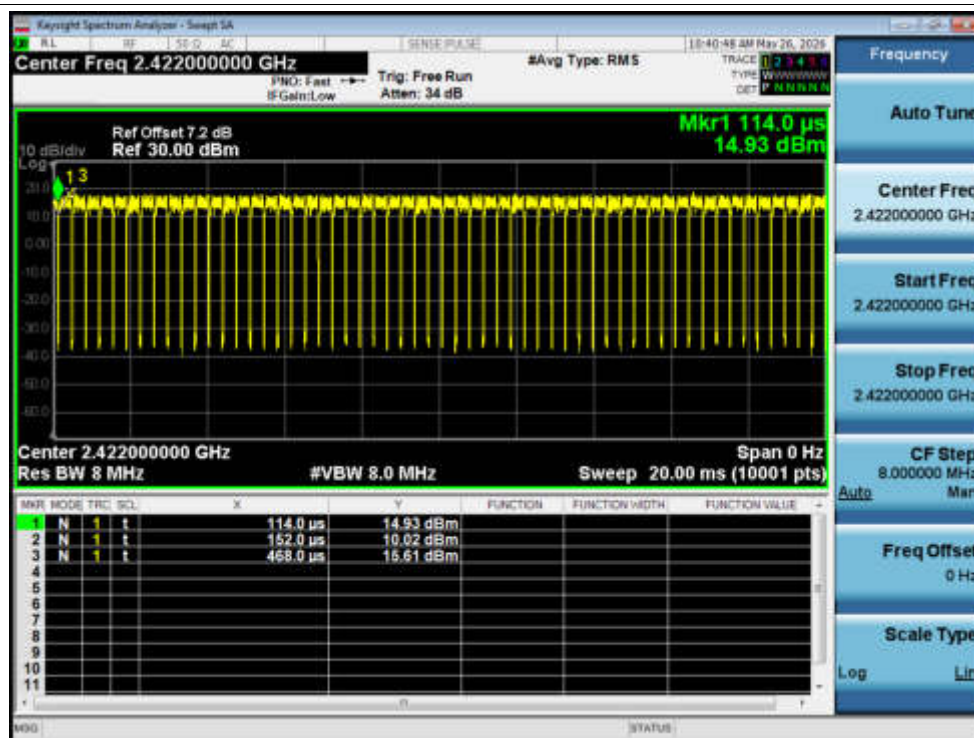
Duty Cycle NVNT n20 2412MHz Ant1



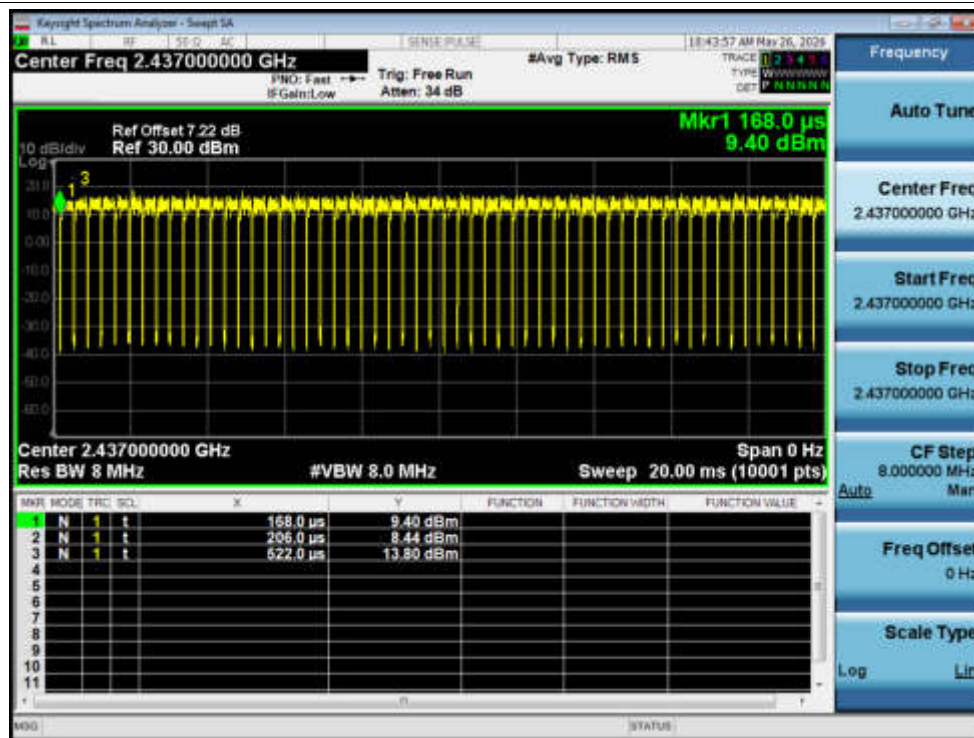
Duty Cycle NVNT n20 2437MHz Ant1



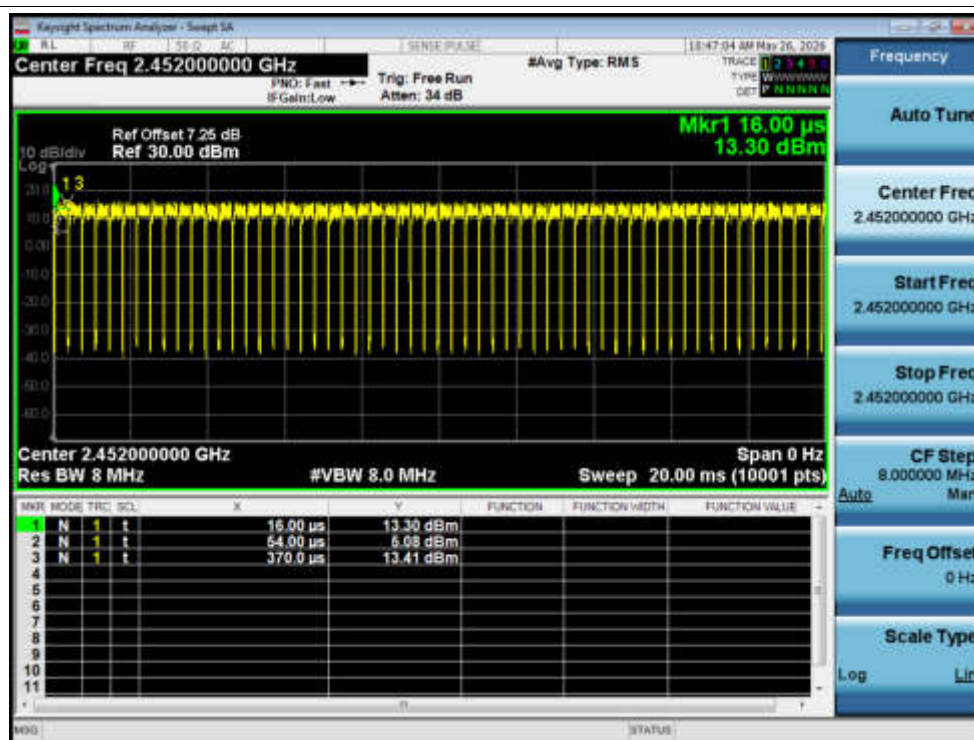
Duty Cycle NVNT n20 2462MHz Ant1



Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1

Maximum Average Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	b	2412	Ant1	14.91	0.03097	30	Pass
NVNT	b	2437	Ant1	15.12	0.03251	30	Pass
NVNT	b	2462	Ant1	16.71	0.04688	30	Pass
NVNT	g	2412	Ant1	14.38	0.02742	30	Pass
NVNT	g	2437	Ant1	15.73	0.03741	30	Pass
NVNT	g	2462	Ant1	14.04	0.02535	30	Pass
NVNT	n20	2412	Ant1	13.52	0.02249	30	Pass
NVNT	n20	2437	Ant1	14.91	0.03097	30	Pass
NVNT	n20	2462	Ant1	14.29	0.02685	30	Pass
NVNT	n40	2422	Ant1	11.38	0.01374	30	Pass
NVNT	n40	2437	Ant1	12.52	0.01786	30	Pass
NVNT	n40	2452	Ant1	13.94	0.02477	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	10.09	0.5	Pass
NVNT	b	2437	Ant1	9.64	0.5	Pass
NVNT	b	2462	Ant1	9.6	0.5	Pass
NVNT	g	2412	Ant1	16.59	0.5	Pass
NVNT	g	2437	Ant1	16.35	0.5	Pass
NVNT	g	2462	Ant1	16.38	0.5	Pass
NVNT	n20	2412	Ant1	17.65	0.5	Pass
NVNT	n20	2437	Ant1	17.49	0.5	Pass
NVNT	n20	2462	Ant1	17.49	0.5	Pass
NVNT	n40	2422	Ant1	35.24	0.5	Pass
NVNT	n40	2437	Ant1	35.45	0.5	Pass
NVNT	n40	2452	Ant1	36.37	0.5	Pass



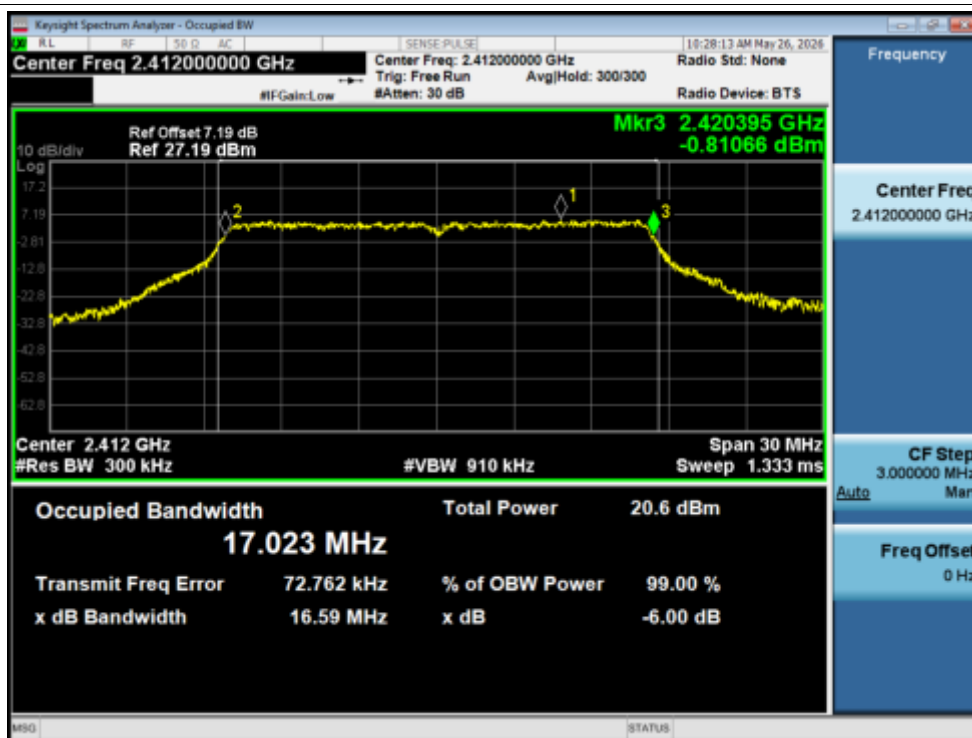
-6dB Bandwidth NVNT b 2412MHz Ant1



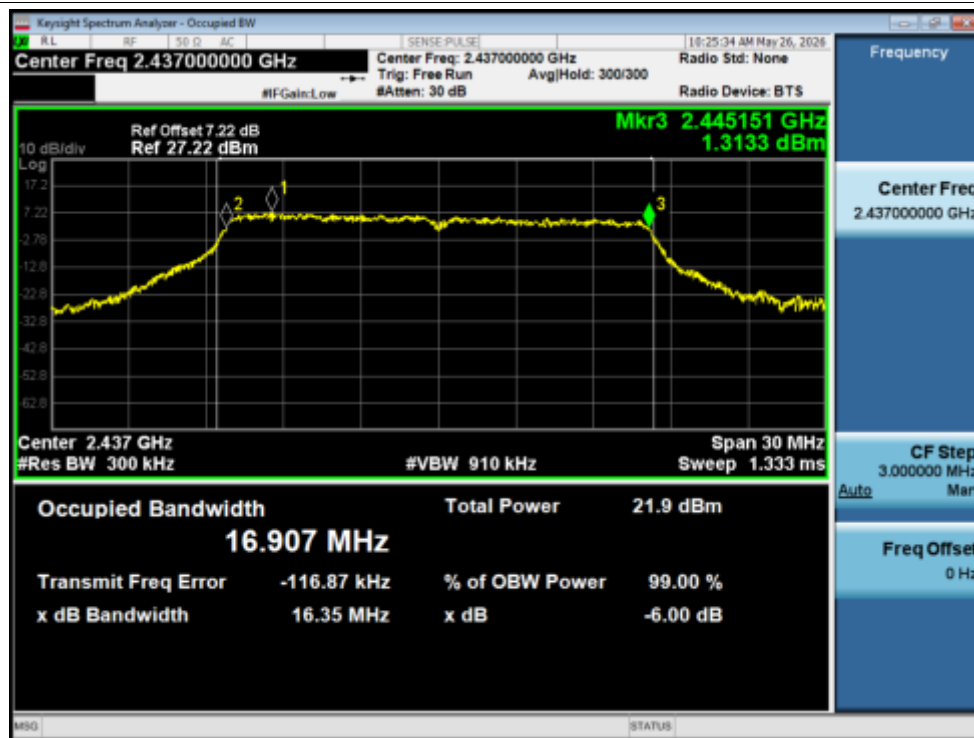
-6dB Bandwidth NVNT b 2437MHz Ant1



-6dB Bandwidth NVNT b 2462MHz Ant1



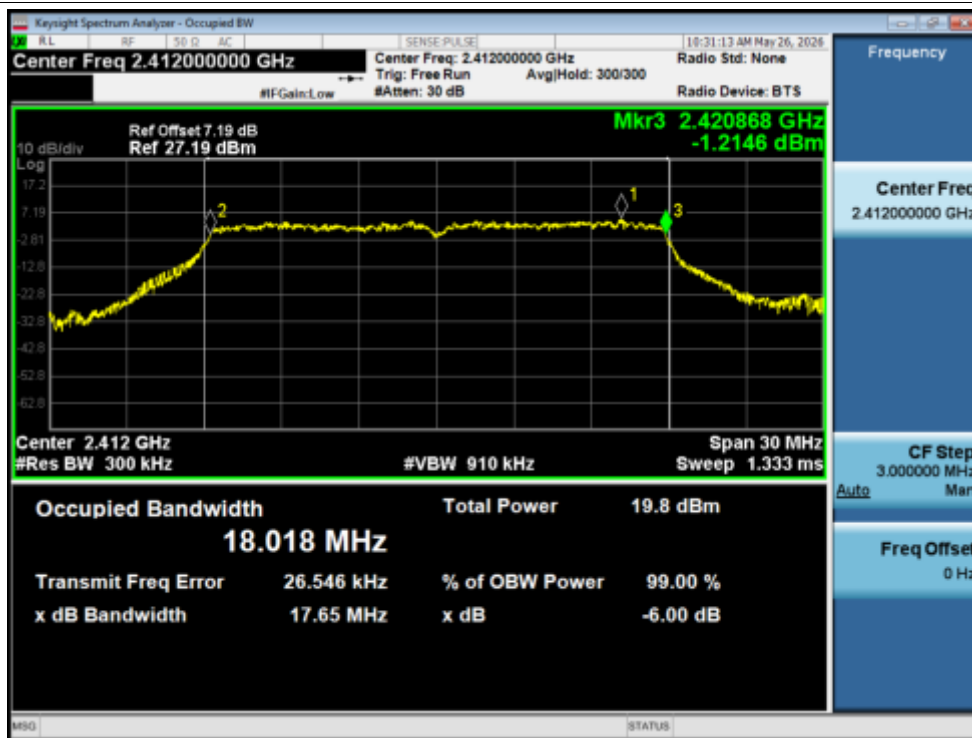
-6dB Bandwidth NVNT g 2412MHz Ant1



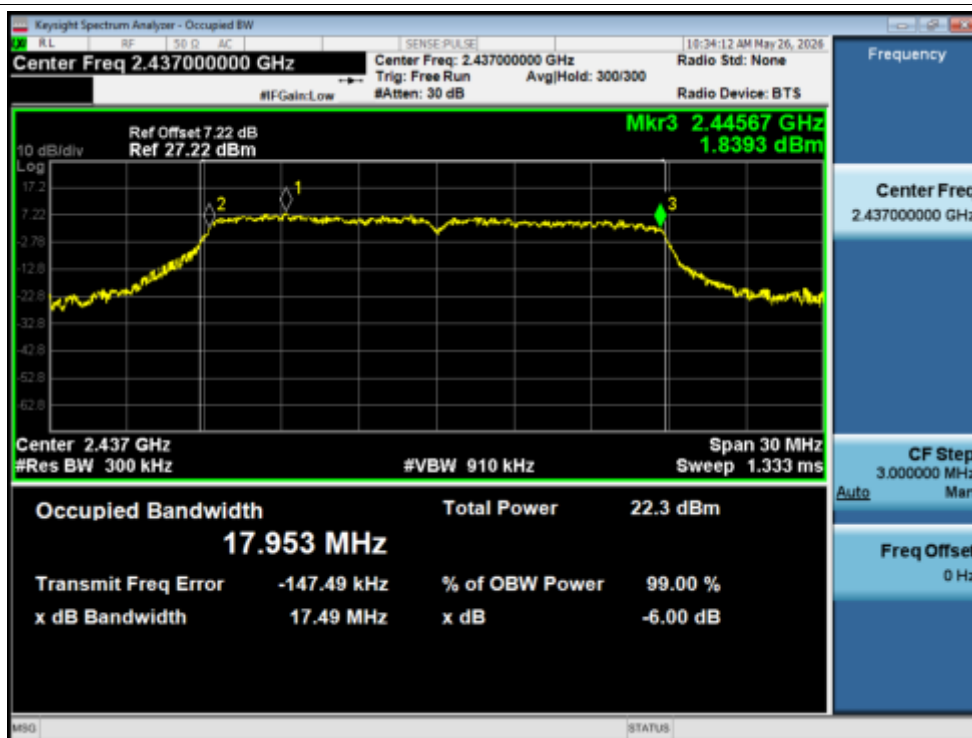
-6dB Bandwidth NVNT g 2437MHz Ant1



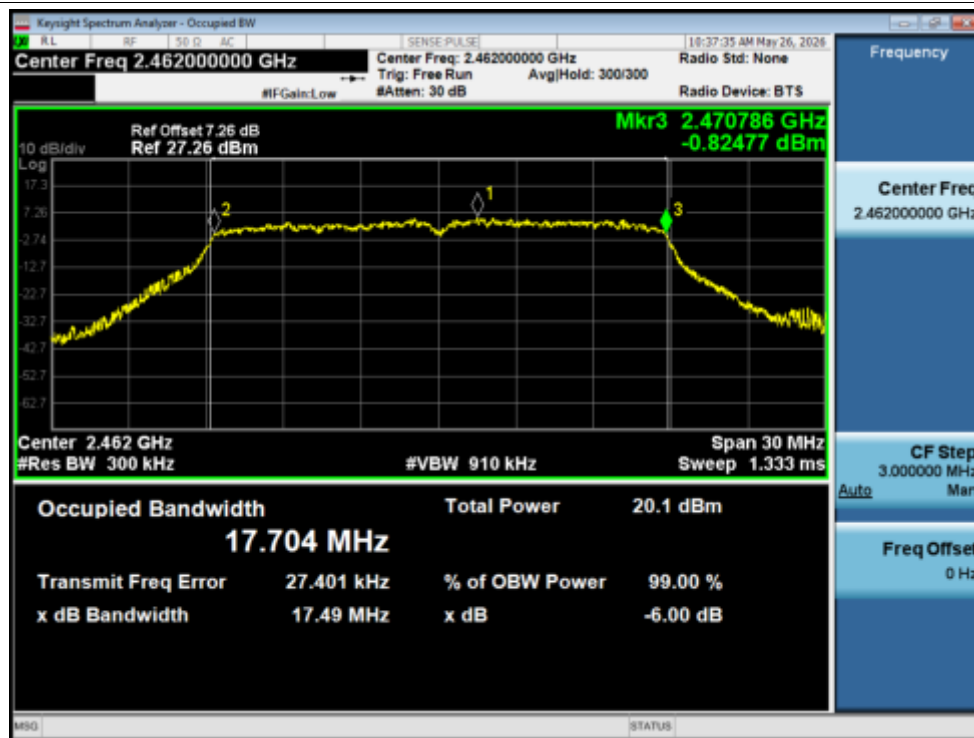
-6dB Bandwidth NVNT g 2462MHz Ant1



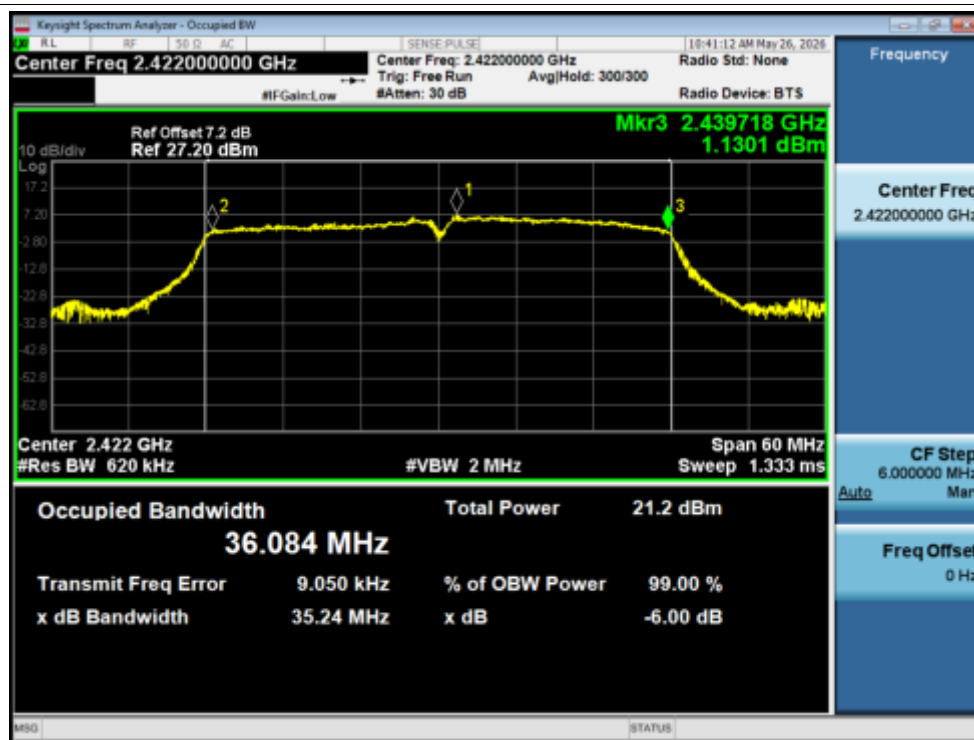
-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



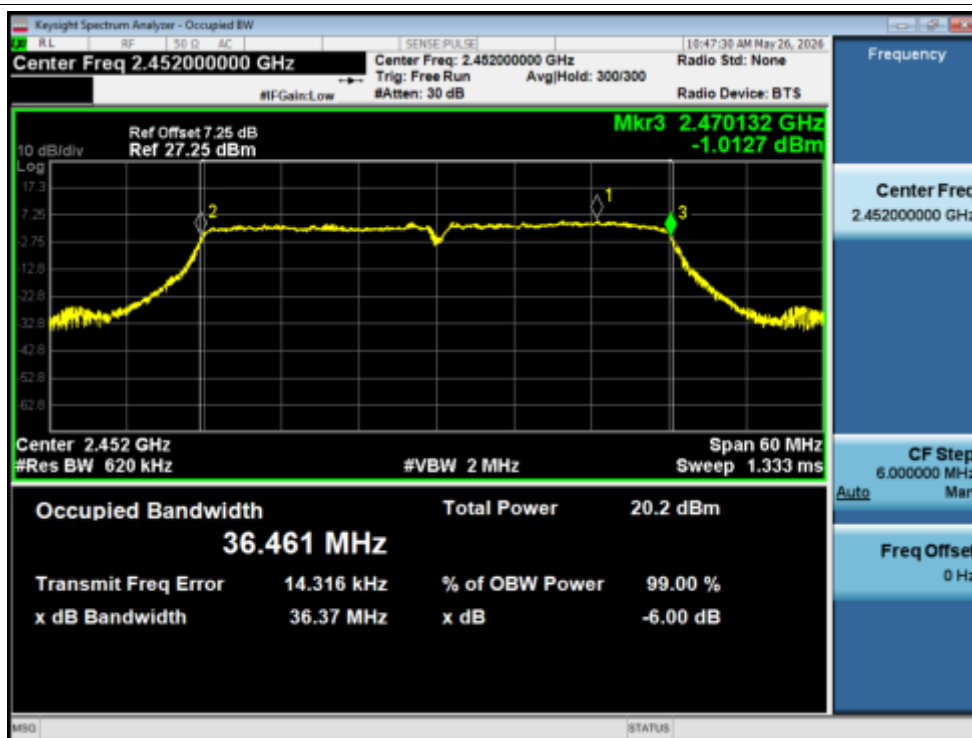
-6dB Bandwidth NVNT n20 2462MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



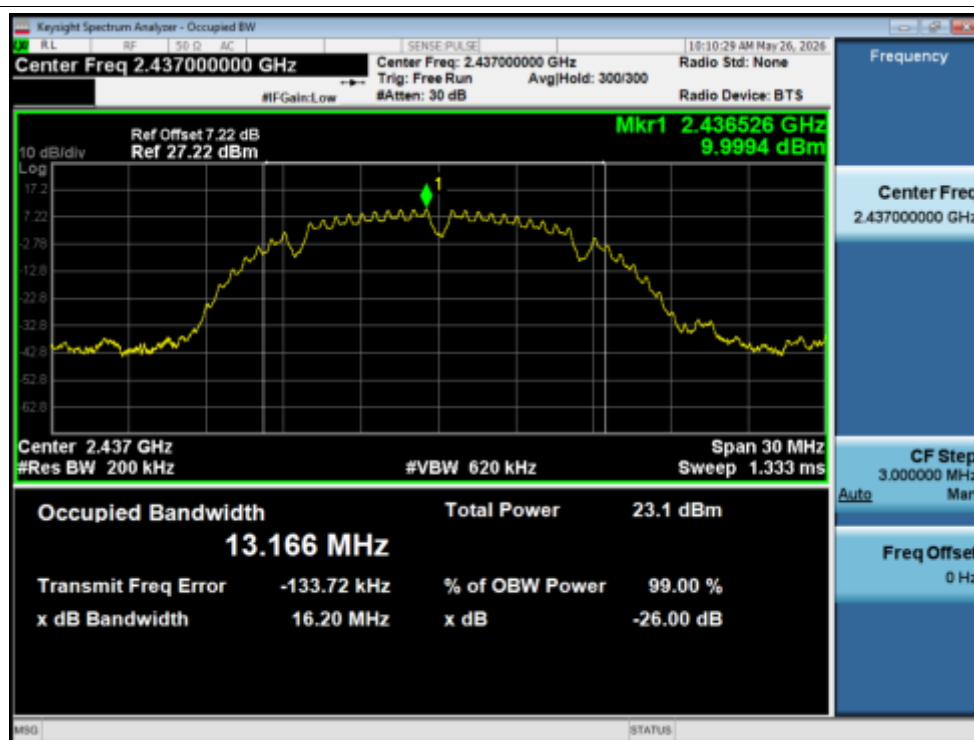
-6dB Bandwidth NVNT n40 2452MHz Ant1

Occupied Channel Bandwidth

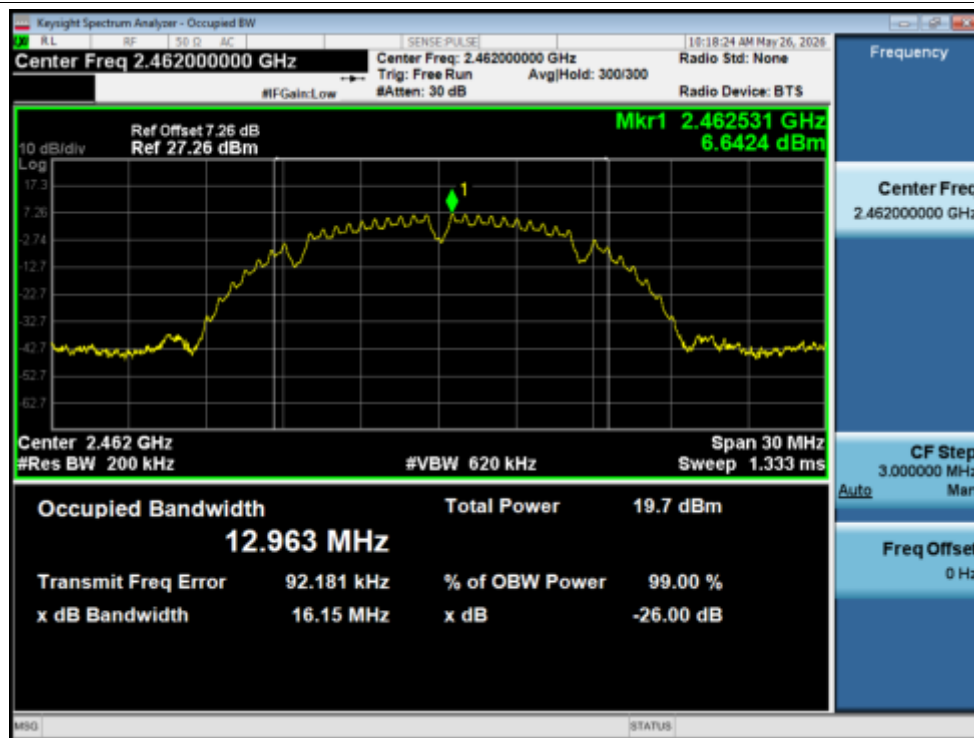
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.189
NVNT	b	2437	Ant1	13.166
NVNT	b	2462	Ant1	12.963
NVNT	g	2412	Ant1	16.711
NVNT	g	2437	Ant1	16.639
NVNT	g	2462	Ant1	16.5
NVNT	n20	2412	Ant1	17.794
NVNT	n20	2437	Ant1	17.731
NVNT	n20	2462	Ant1	17.571
NVNT	n40	2422	Ant1	35.98
NVNT	n40	2437	Ant1	36.078
NVNT	n40	2452	Ant1	36.284



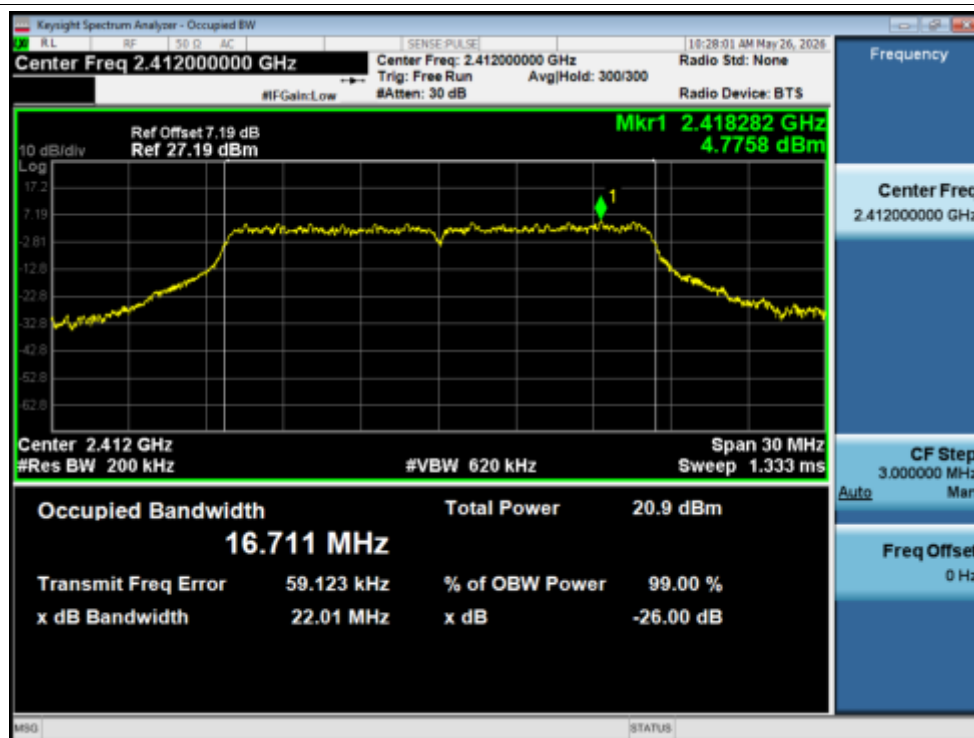
OBW NVNT b 2412MHz Ant1



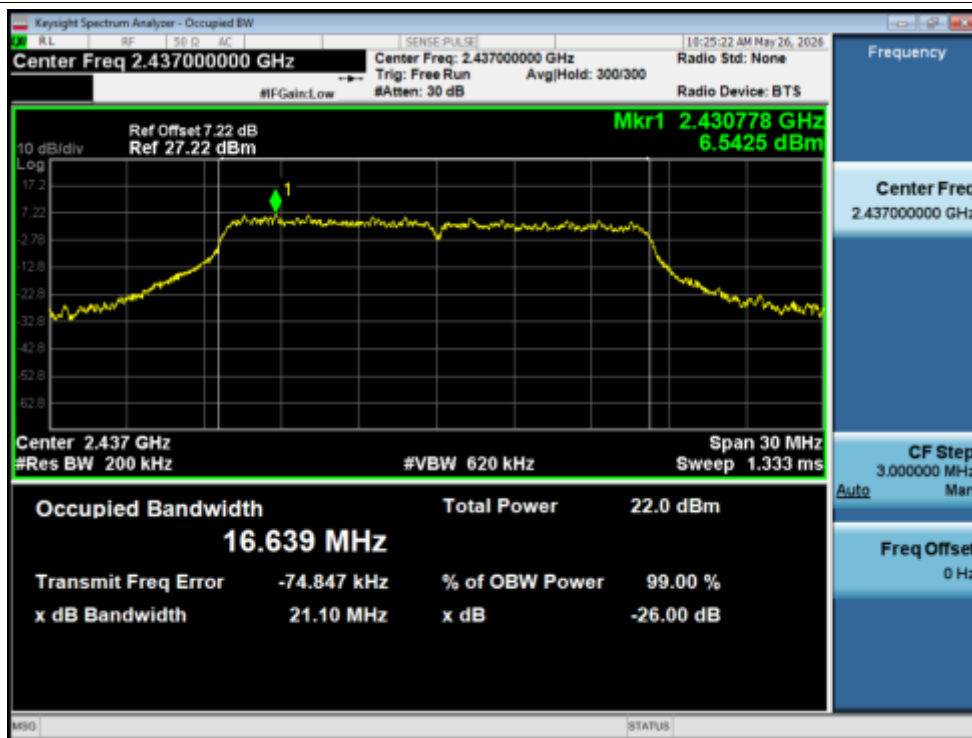
OBW NVNT b 2437MHz Ant1



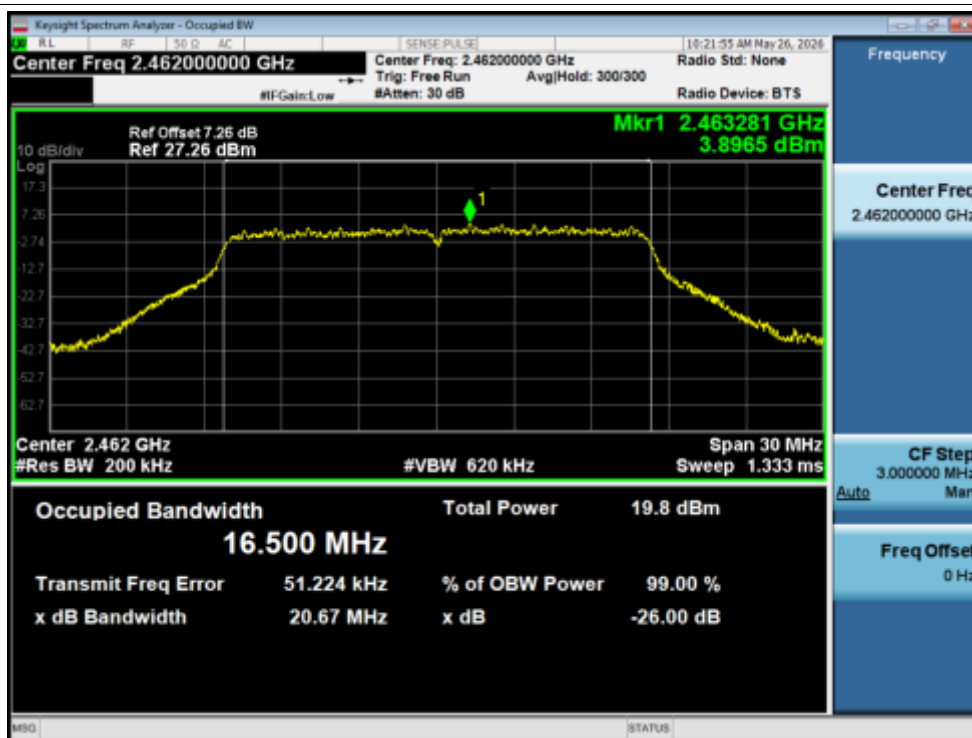
OBW NVNT b 2462MHz Ant1



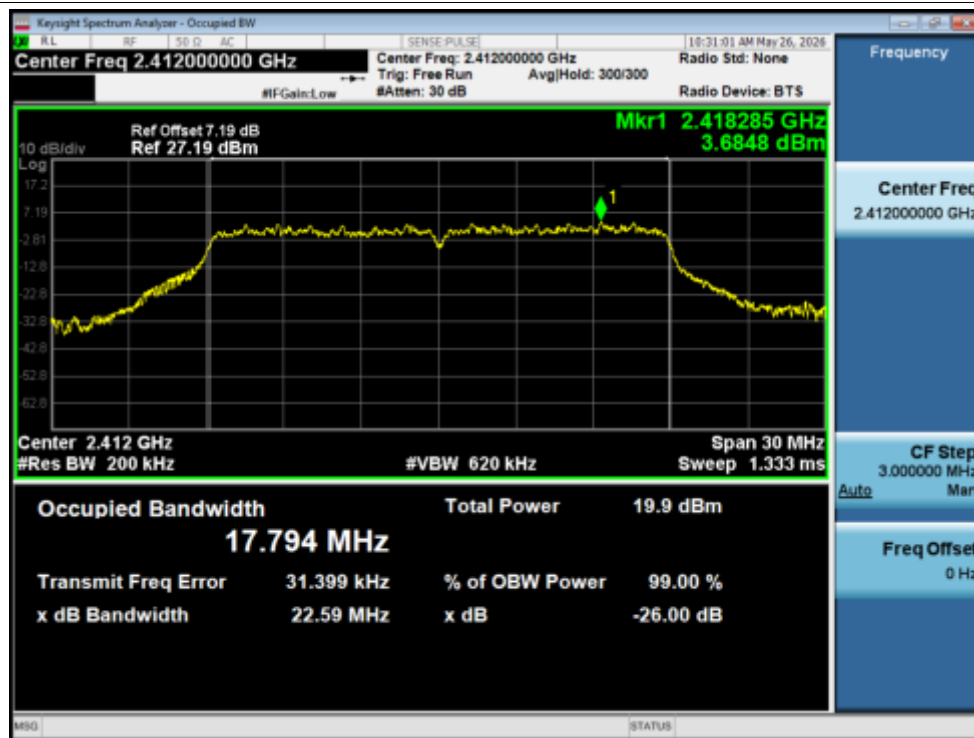
OBW NVNT g 2412MHz Ant1



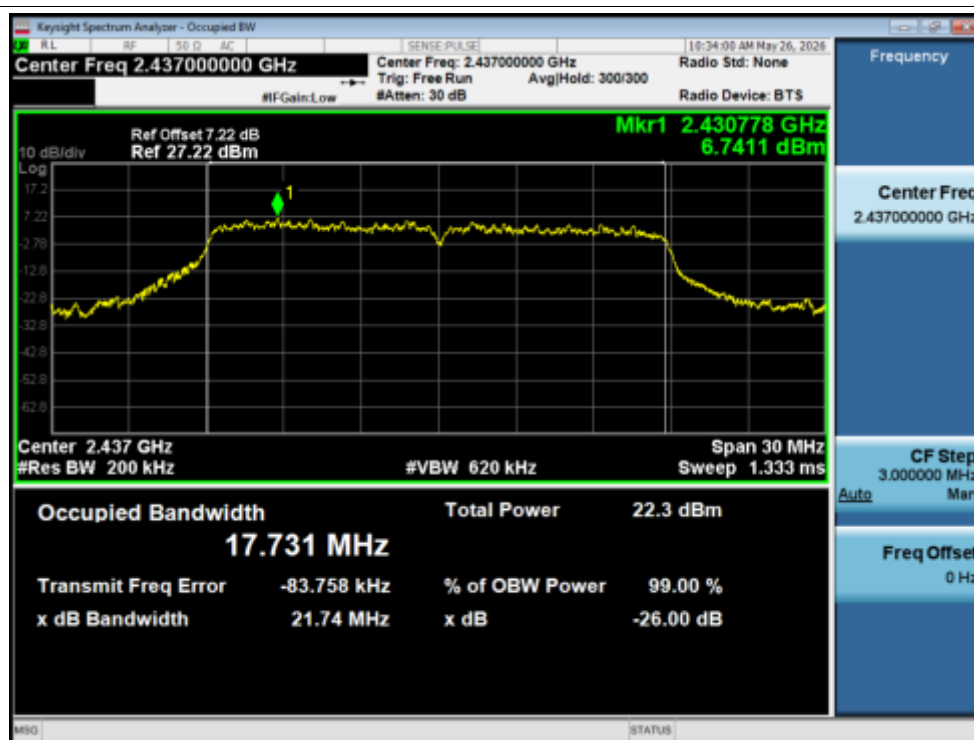
OBW NVNT g 2437MHz Ant1



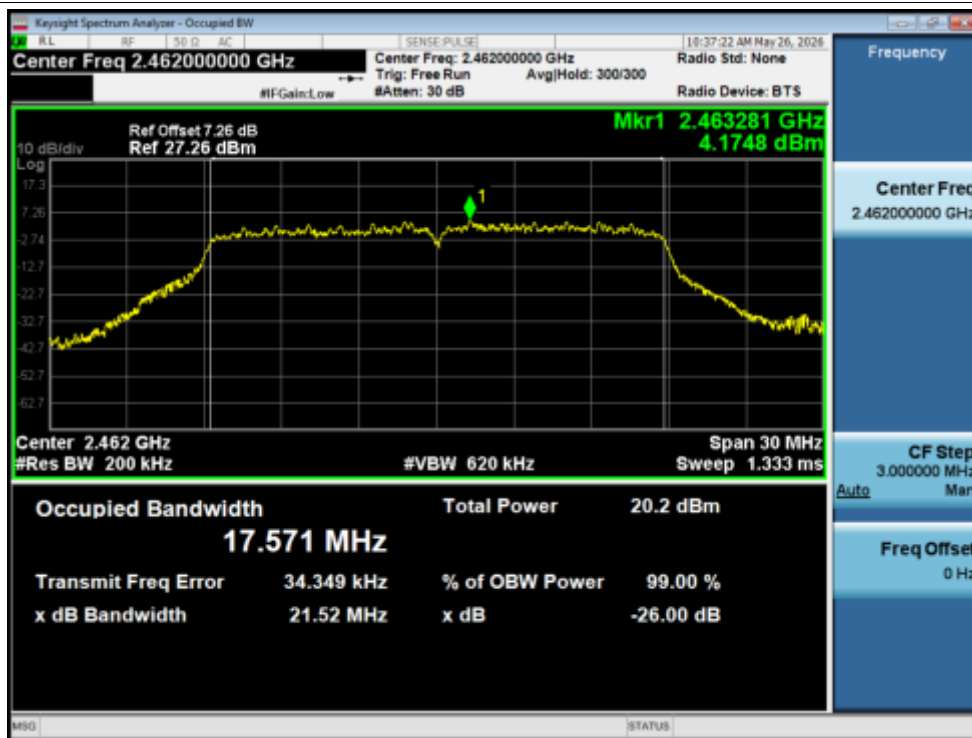
OBW NVNT g 2462MHz Ant1



OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



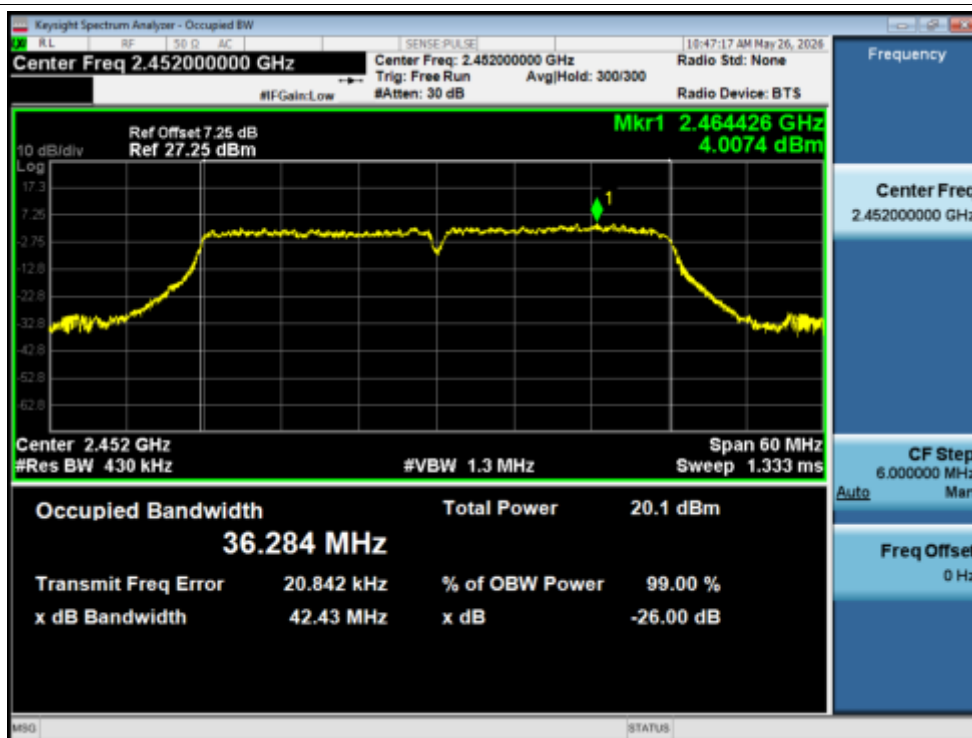
OBW NVNT n20 2462MHz Ant1



OBW NVNT n40 2422MHz Ant1



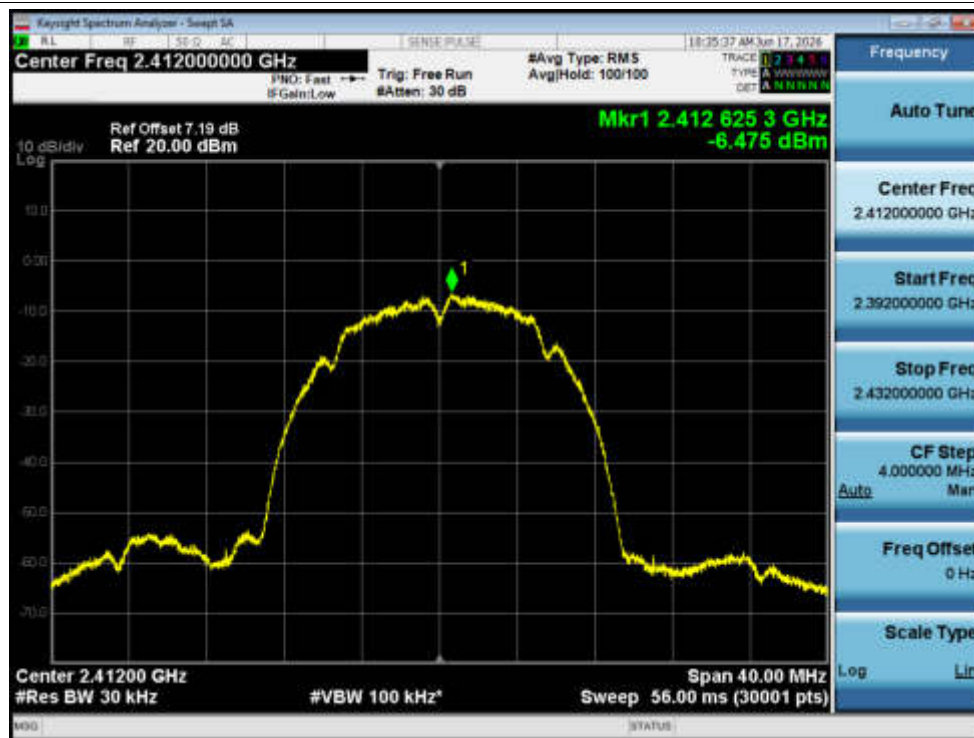
OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2452MHz Ant1

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	-16.48	0.35	-16.13	8	Pass
NVNT	b	2437	Ant1	-16.67	0.34	-16.33	8	Pass
NVNT	b	2462	Ant1	-14.68	0.34	-14.34	8	Pass
NVNT	g	2412	Ant1	-18.29	0.25	-18.04	8	Pass
NVNT	g	2437	Ant1	-16.61	0.26	-16.35	8	Pass
NVNT	g	2462	Ant1	-18.69	0.26	-18.43	8	Pass
NVNT	n20	2412	Ant1	-19.59	0.25	-19.34	8	Pass
NVNT	n20	2437	Ant1	-17.09	0.26	-16.83	8	Pass
NVNT	n20	2462	Ant1	-19.82	0.26	-19.56	8	Pass
NVNT	n40	2422	Ant1	-22.44	0.49	-21.95	8	Pass
NVNT	n40	2437	Ant1	-22.58	0.49	-22.09	8	Pass
NVNT	n40	2452	Ant1	-20.54	0.49	-20.05	8	Pass



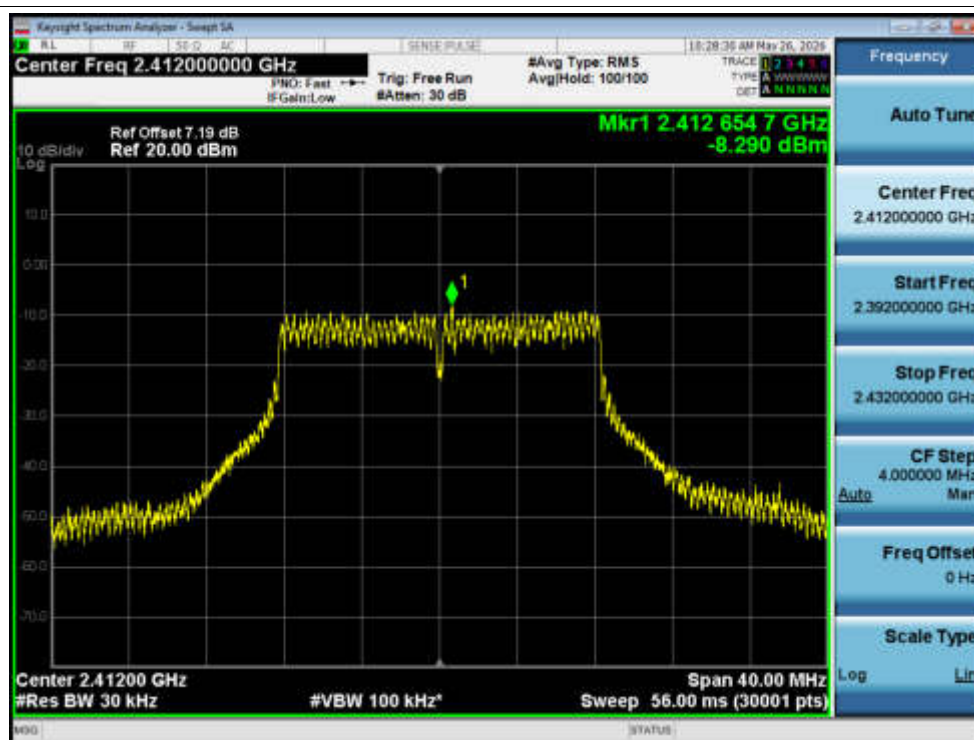
PSD NVNT b 2412MHz Ant1



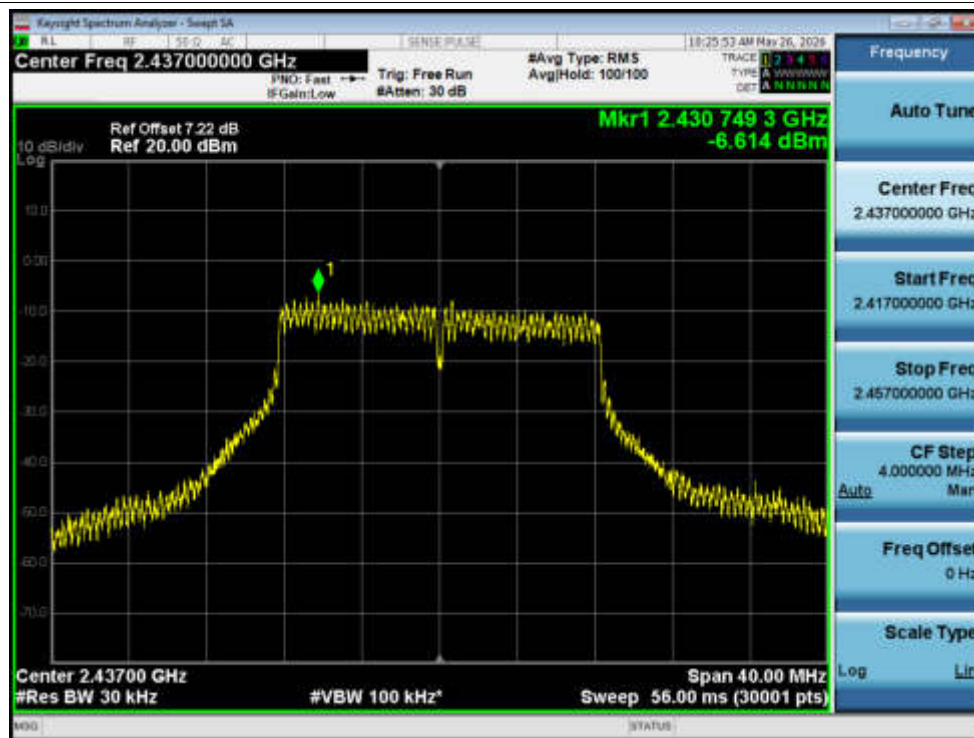
PSD NVNT b 2437MHz Ant1



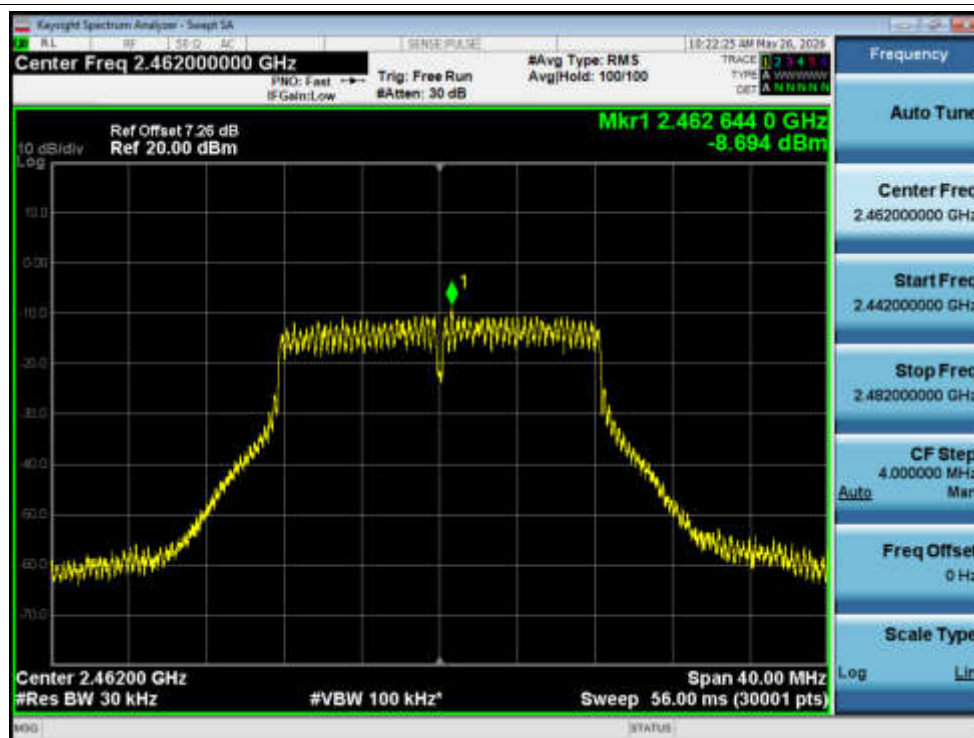
PSD NVNT b 2462MHz Ant1



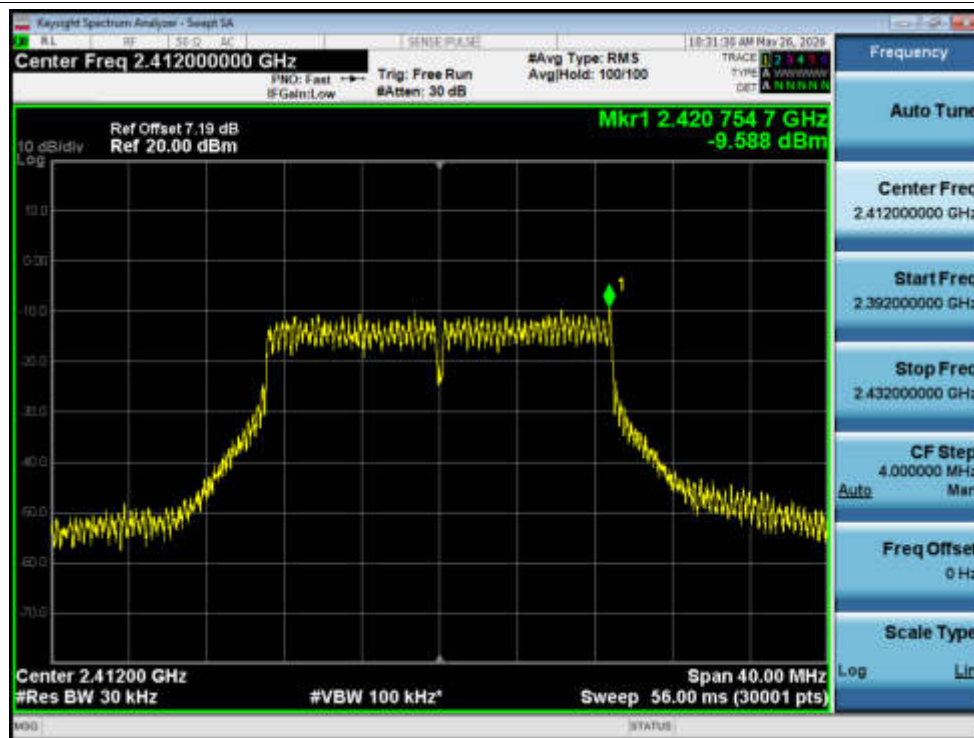
PSD NVNT g 2412MHz Ant1



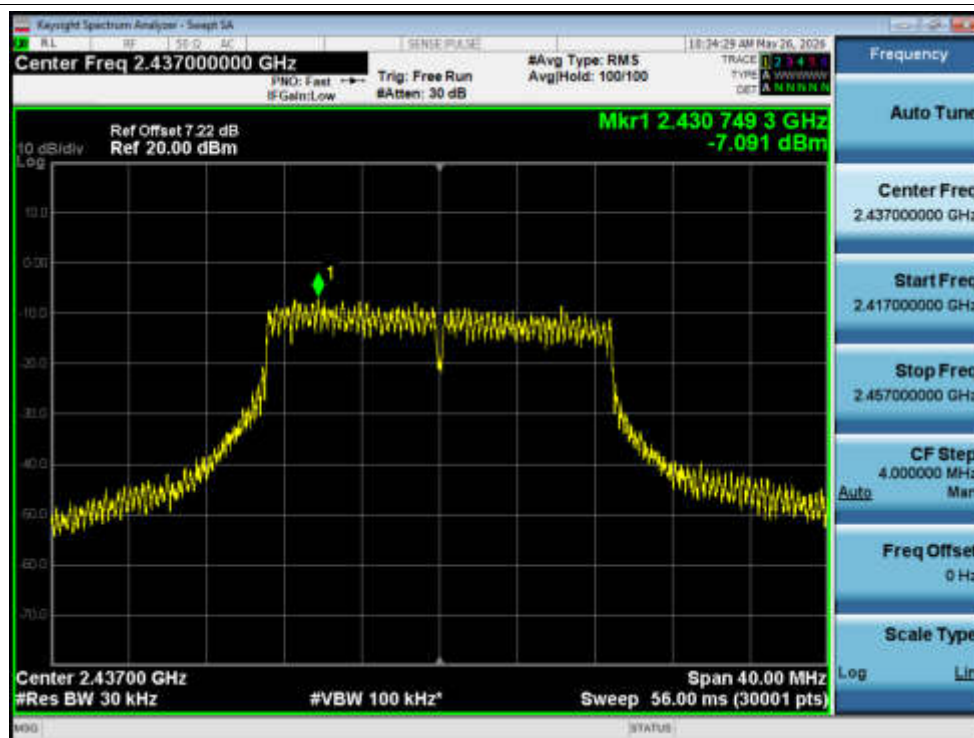
PSD NVNT g 2437MHz Ant1



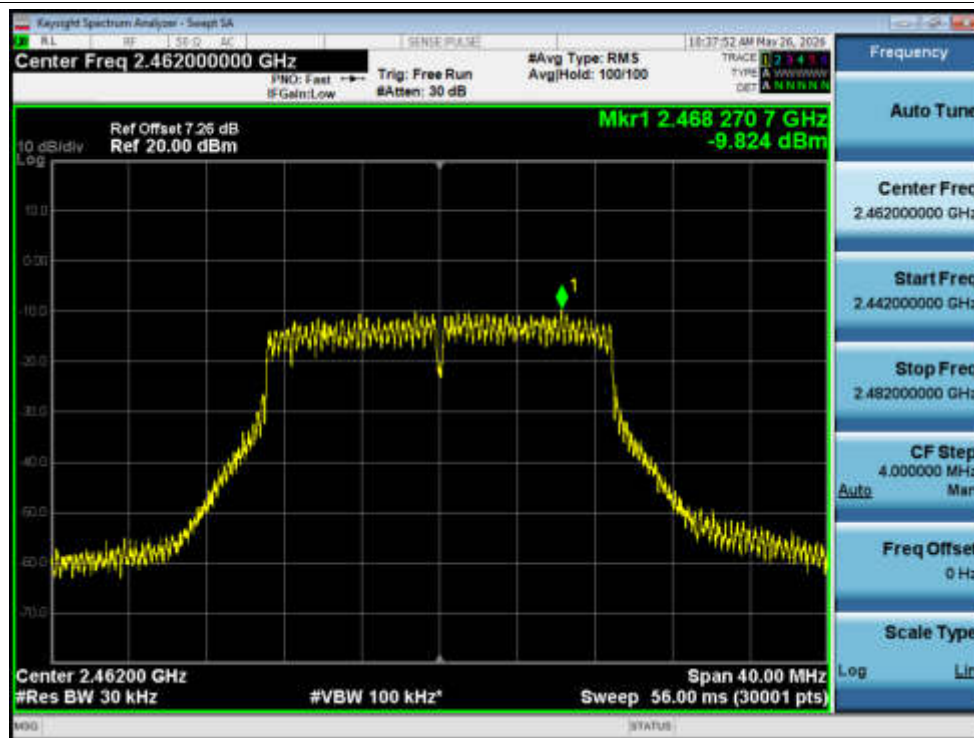
PSD NVNT g 2462MHz Ant1



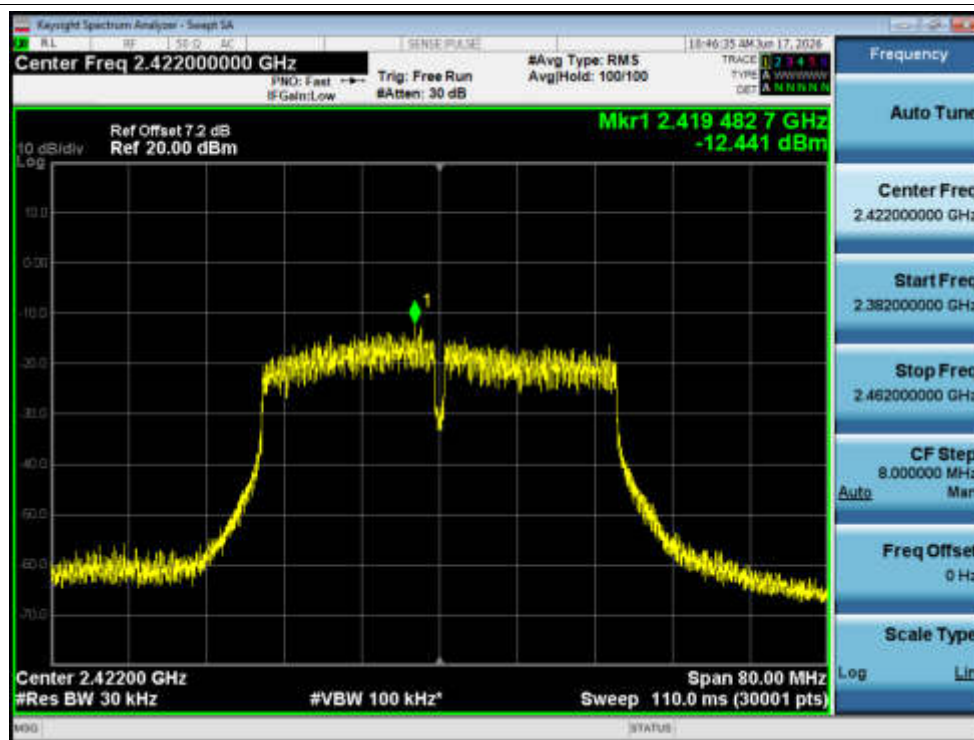
PSD NVNT n20 2412MHz Ant1



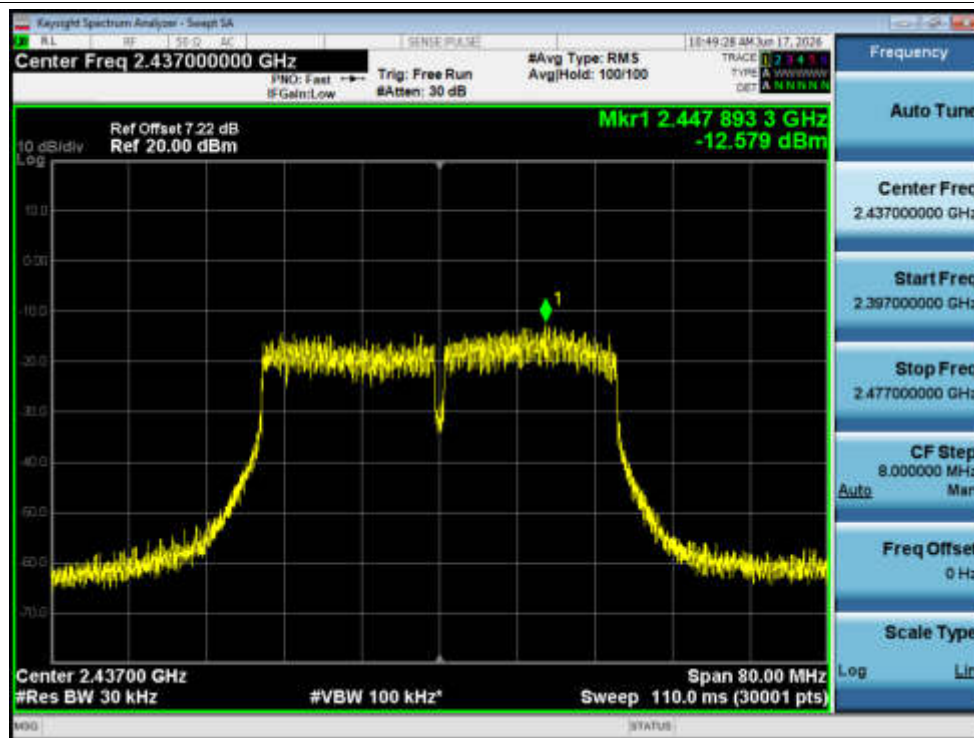
PSD NVNT n20 2437MHz Ant1



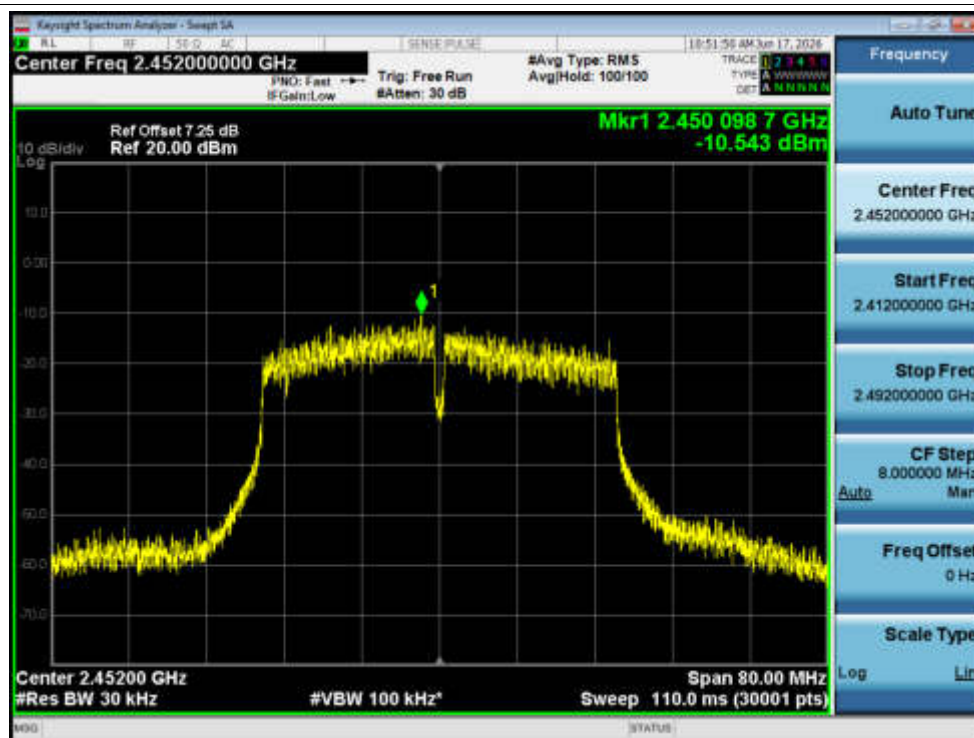
PSD NVNT n20 2462MHz Ant1



PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



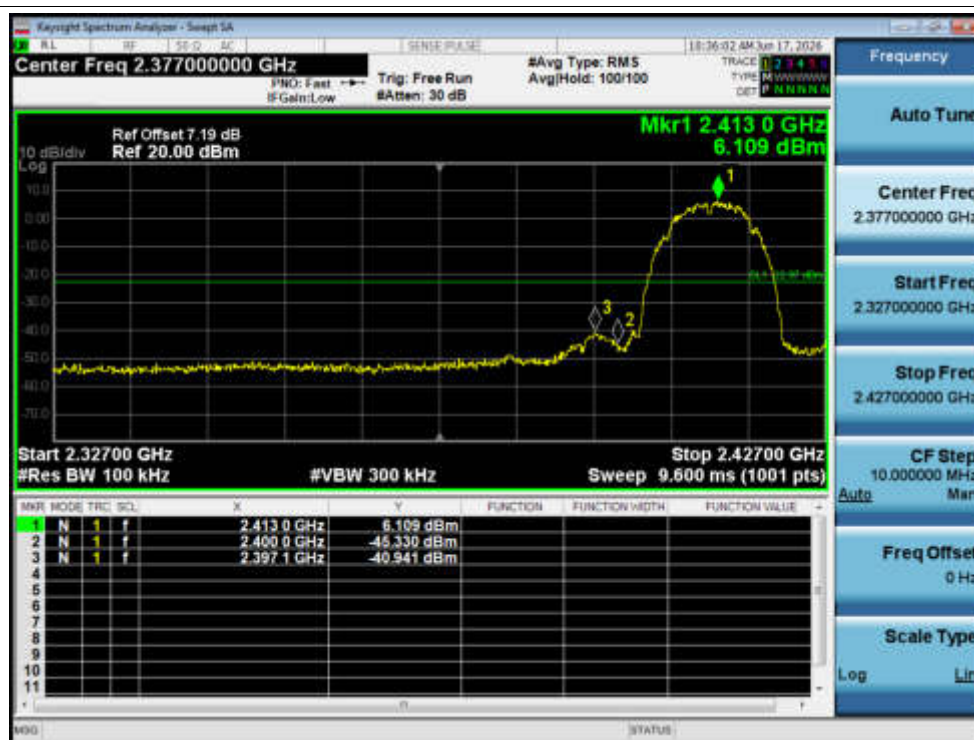
PSD NVNT n40 2452MHz Ant1

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.97	-30	Pass
NVNT	b	2462	Ant1	-51.77	-30	Pass
NVNT	g	2412	Ant1	-33.92	-30	Pass
NVNT	g	2462	Ant1	-47.5	-30	Pass
NVNT	n20	2412	Ant1	-33.22	-30	Pass
NVNT	n20	2462	Ant1	-48.22	-30	Pass
NVNT	n40	2422	Ant1	-39.64	-30	Pass
NVNT	n40	2452	Ant1	-40.81	-30	Pass



Band Edge NVNT b 2412MHz Ant1 Ref



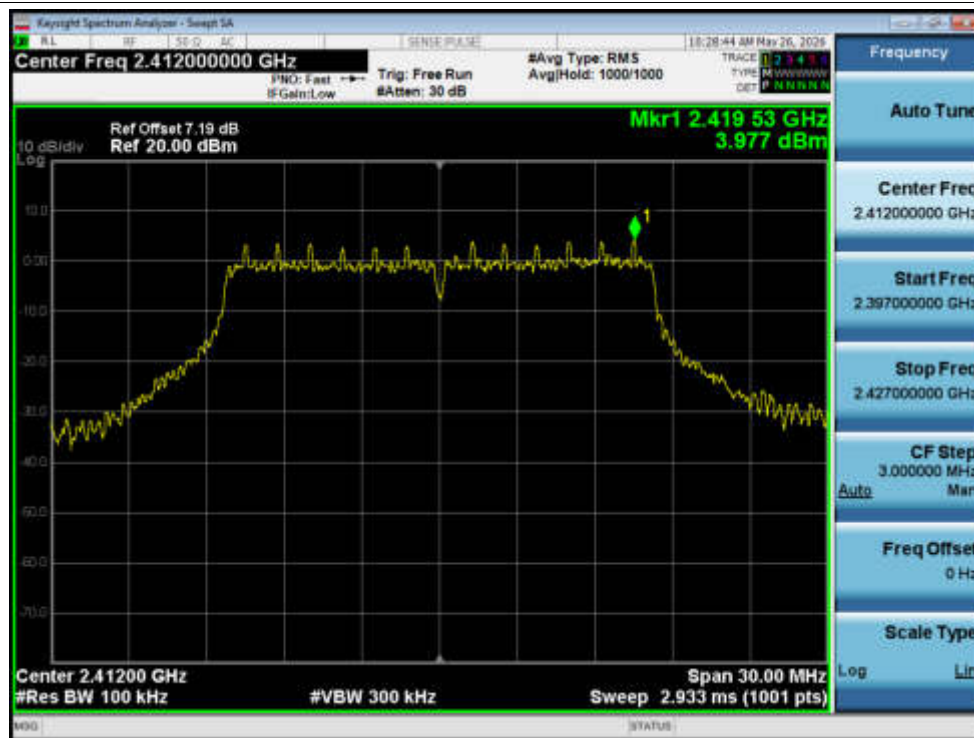
Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2462MHz Ant1 Ref



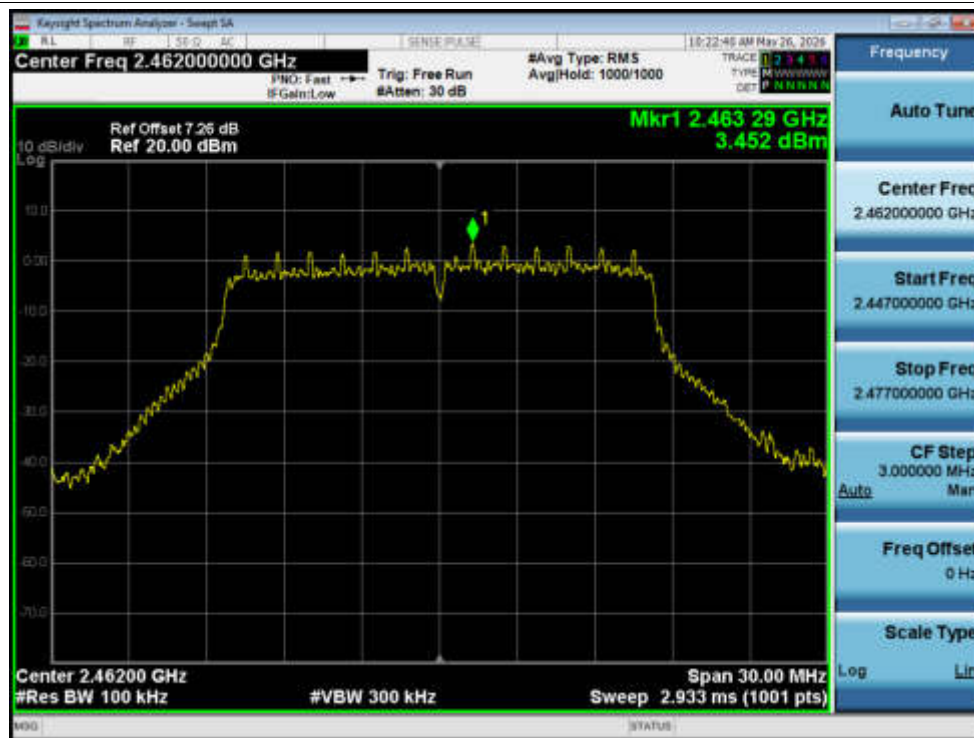
Band Edge NVNT b 2462MHz Ant1 Emission



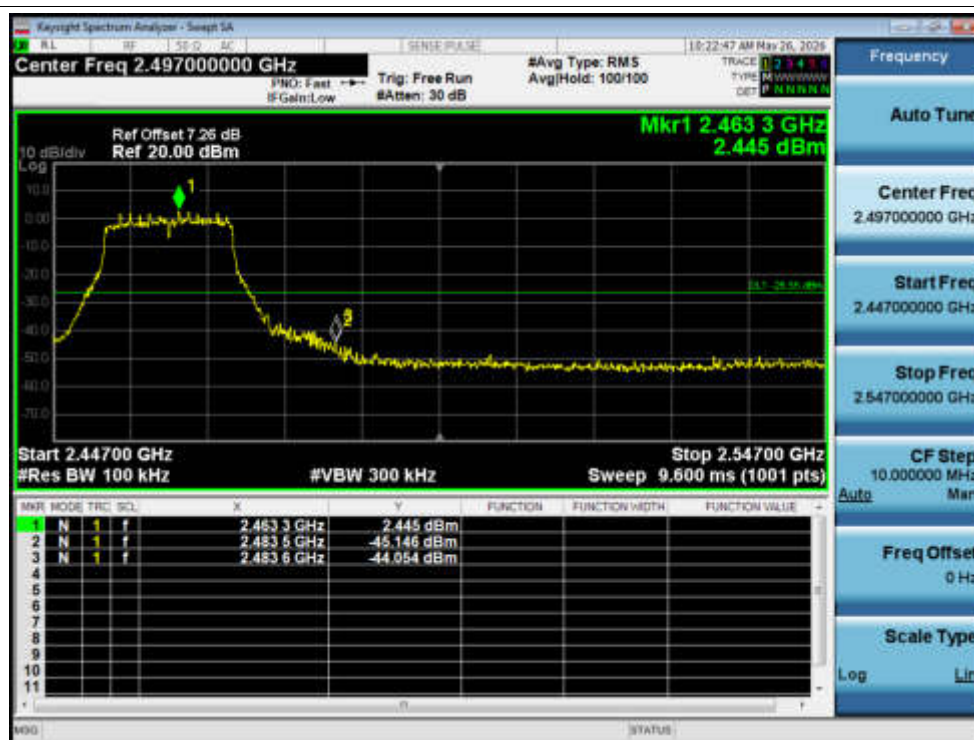
Band Edge NVNT g 2412MHz Ant1 Ref



Band Edge NVNT g 2412MHz Ant1 Emission



Band Edge NVNT g 2462MHz Ant1 Ref



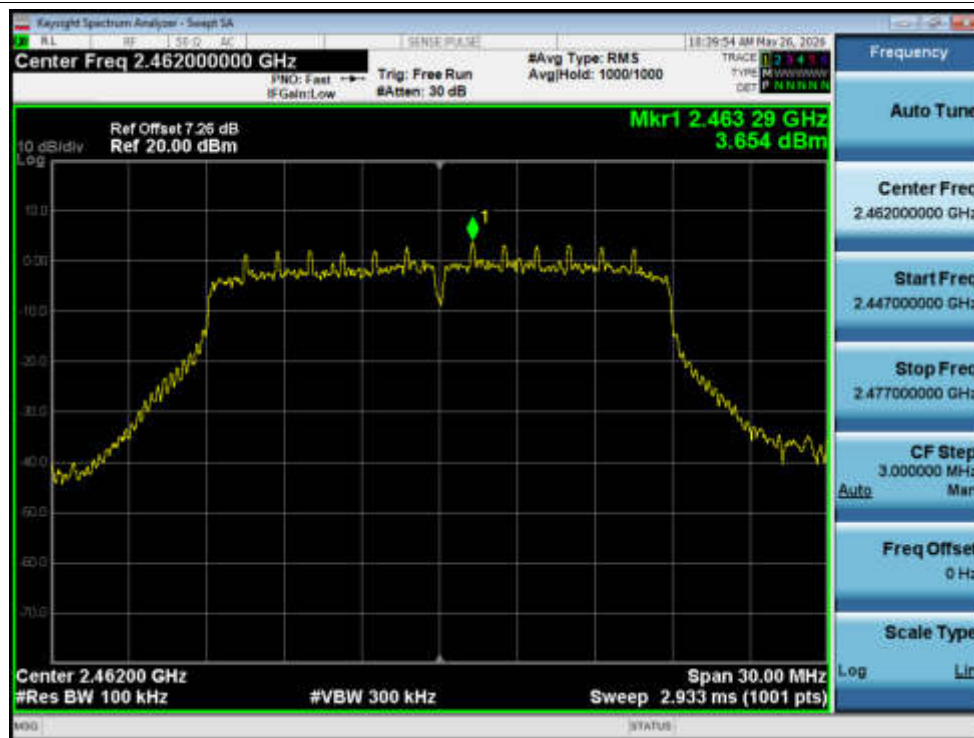
Band Edge NVNT g 2462MHz Ant1 Emission



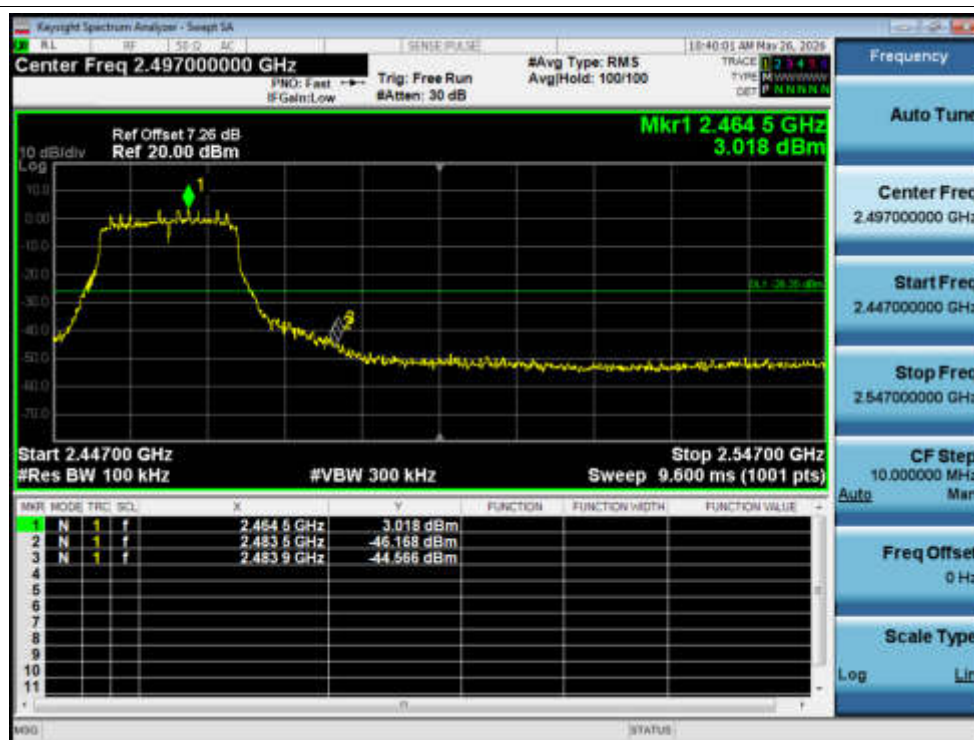
Band Edge NVNT n20 2412MHz Ant1 Ref



Band Edge NVNT n20 2412MHz Ant1 Emission



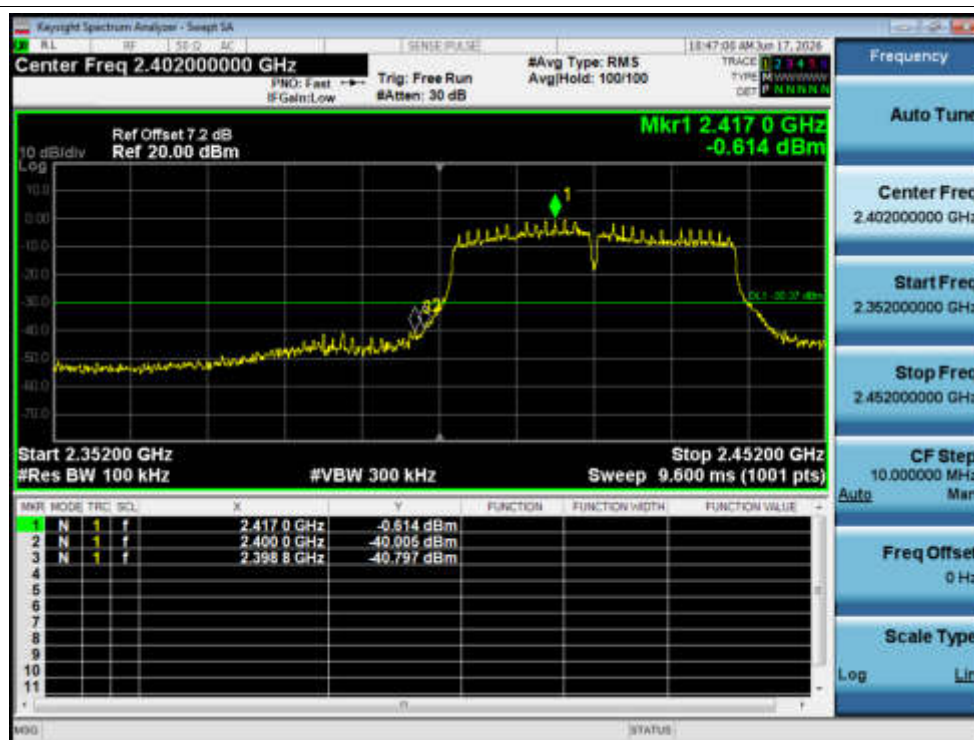
Band Edge NVNT n20 2462MHz Ant1 Ref



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



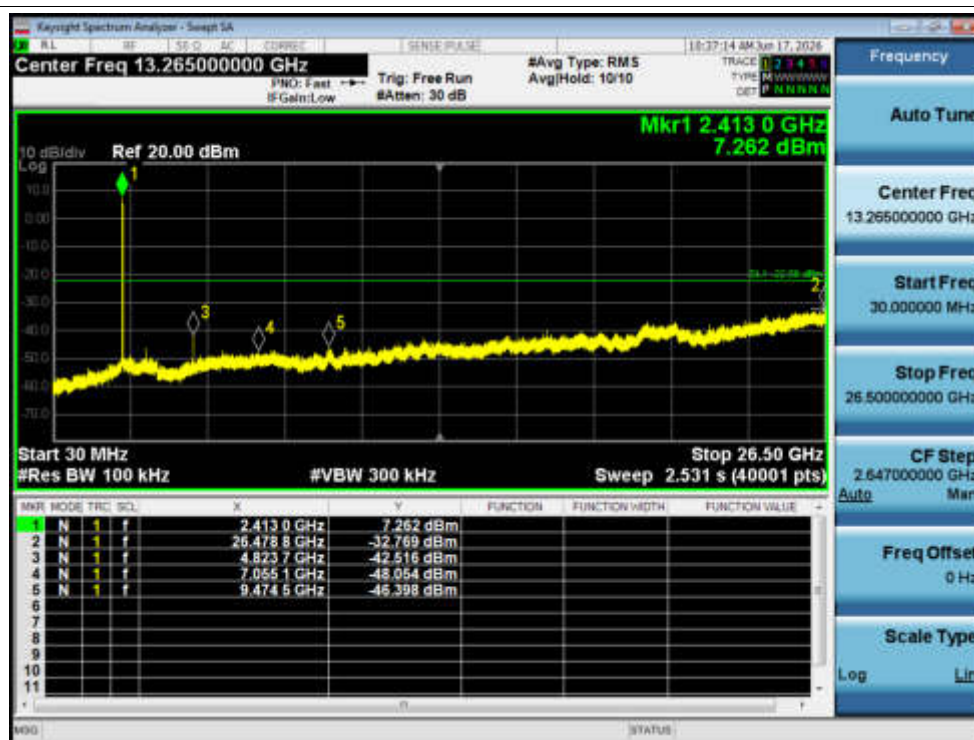
Band Edge NVNT n40 2452MHz Ant1 Emission

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-40.21	-30	Pass
NVNT	b	2437	Ant1	-40.74	-30	Pass
NVNT	b	2462	Ant1	-41.02	-30	Pass
NVNT	g	2412	Ant1	-37.01	-30	Pass
NVNT	g	2437	Ant1	-38.75	-30	Pass
NVNT	g	2462	Ant1	-35.61	-30	Pass
NVNT	n20	2412	Ant1	-36.24	-30	Pass
NVNT	n20	2437	Ant1	-39.11	-30	Pass
NVNT	n20	2462	Ant1	-36.3	-30	Pass
NVNT	n40	2422	Ant1	-32.28	-30	Pass
NVNT	n40	2437	Ant1	-32.83	-30	Pass
NVNT	n40	2452	Ant1	-33.17	-30	Pass



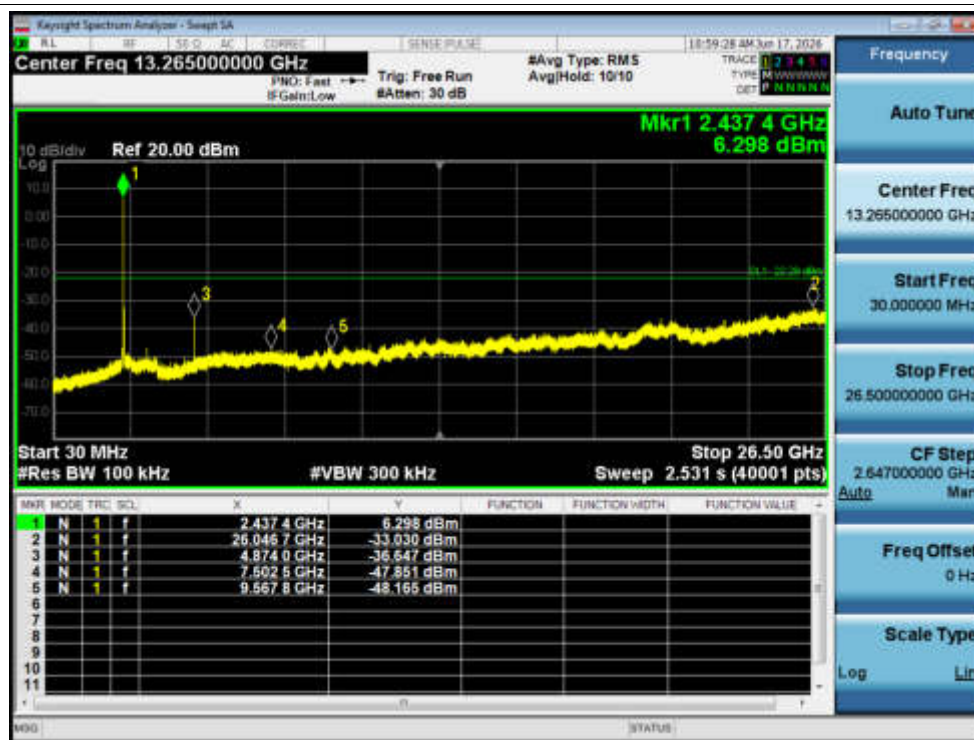
Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



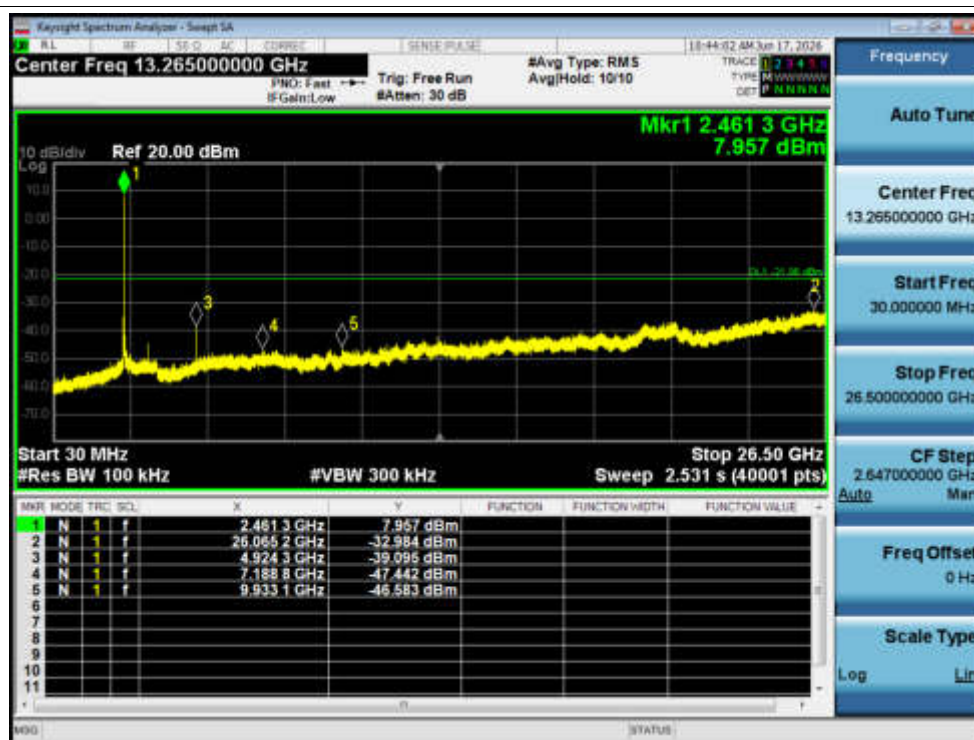
Tx. Spurious NVNT b 2437MHz Ant1 Ref



Tx. Spurious NVNT b 2437MHz Ant1 Emission



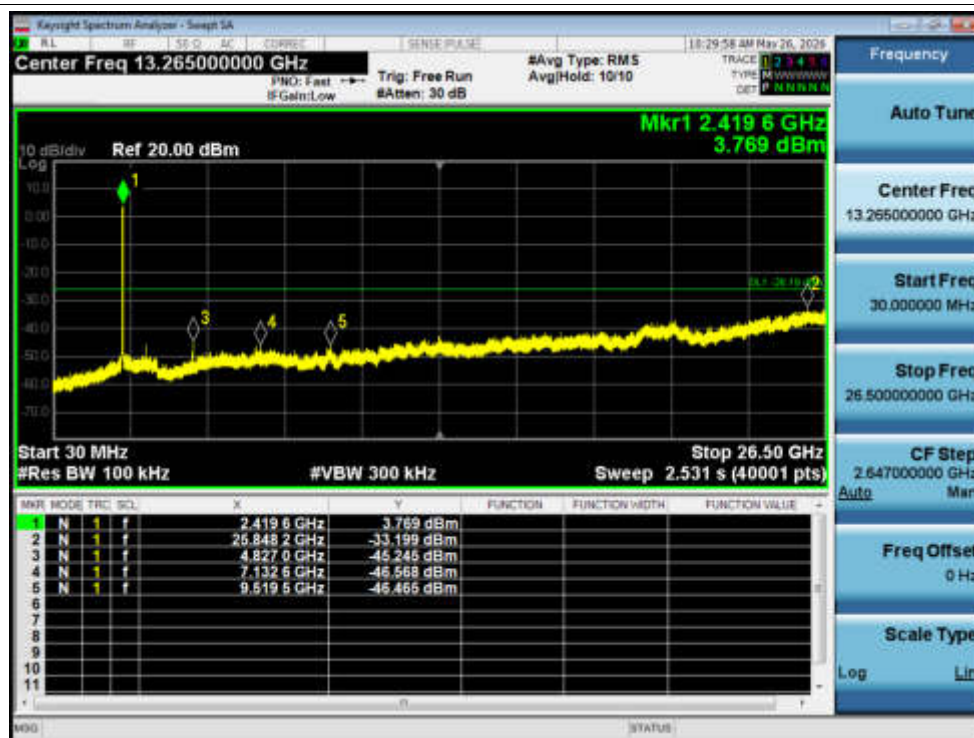
Tx. Spurious NVNT b 2462MHz Ant1 Ref



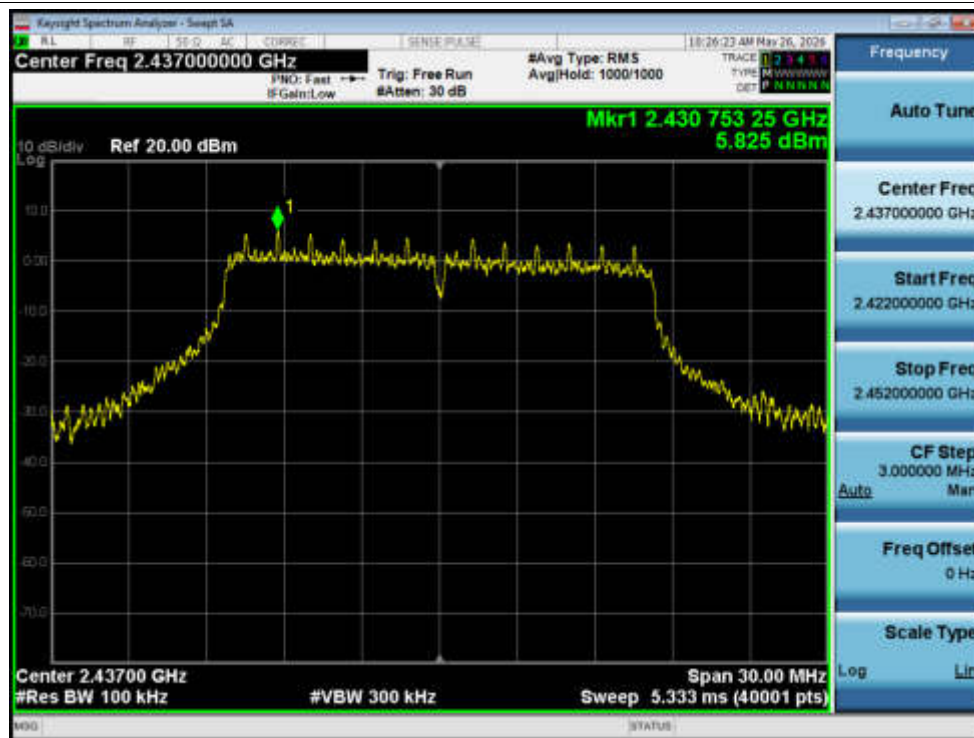
Tx. Spurious NVNT b 2462MHz Ant1 Emission



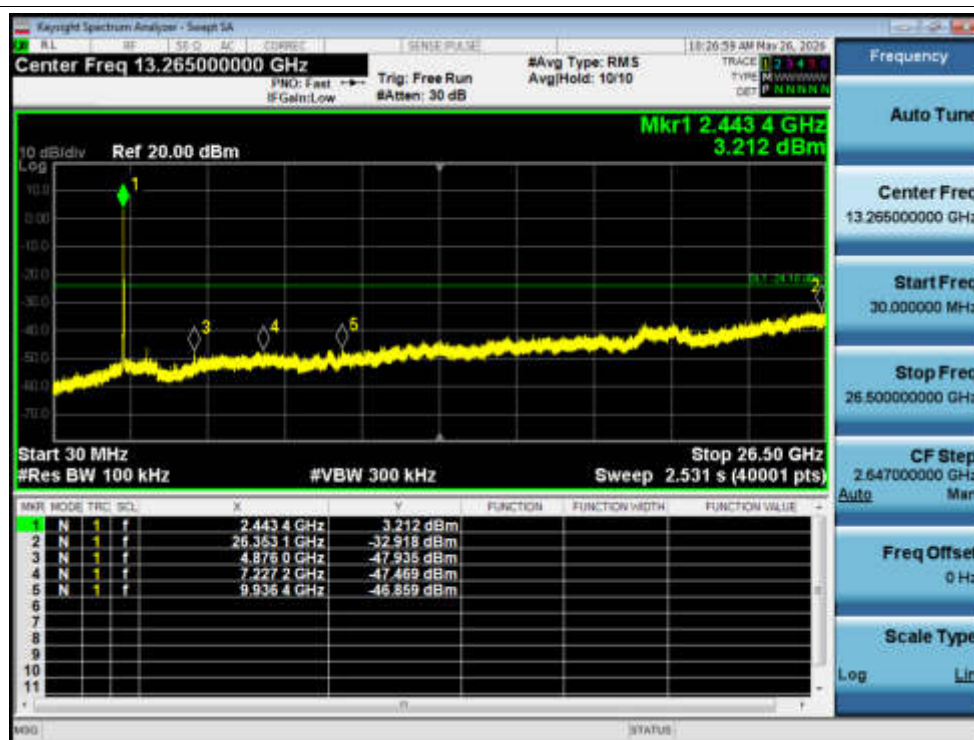
Tx. Spurious NVNT g 2412MHz Ant1 Ref



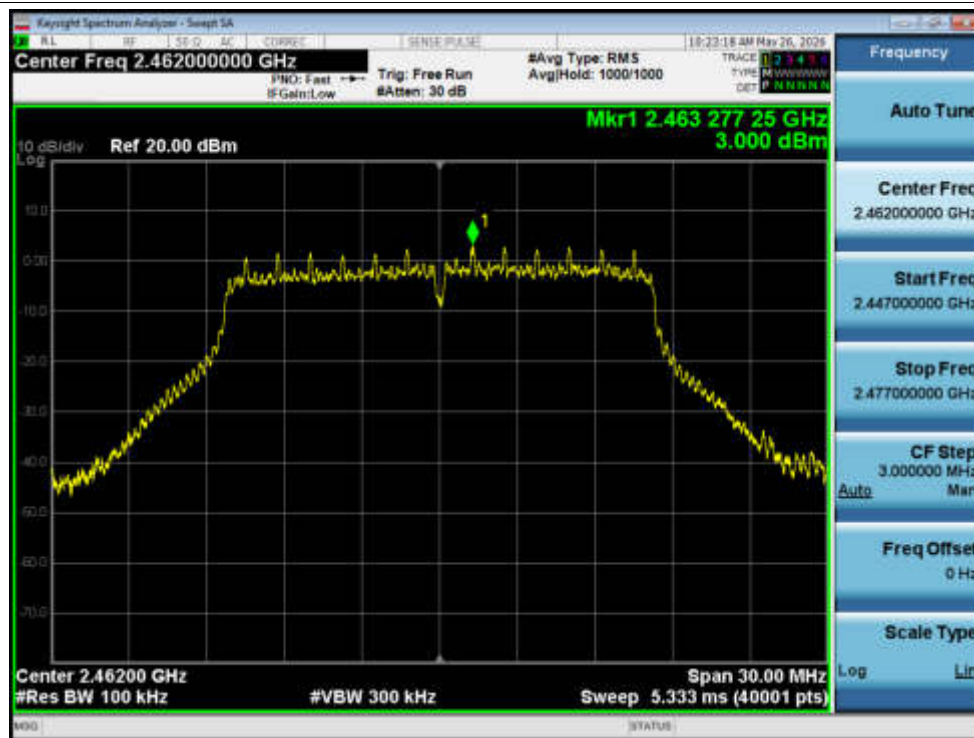
Tx. Spurious NVNT g 2412MHz Ant1 Emission



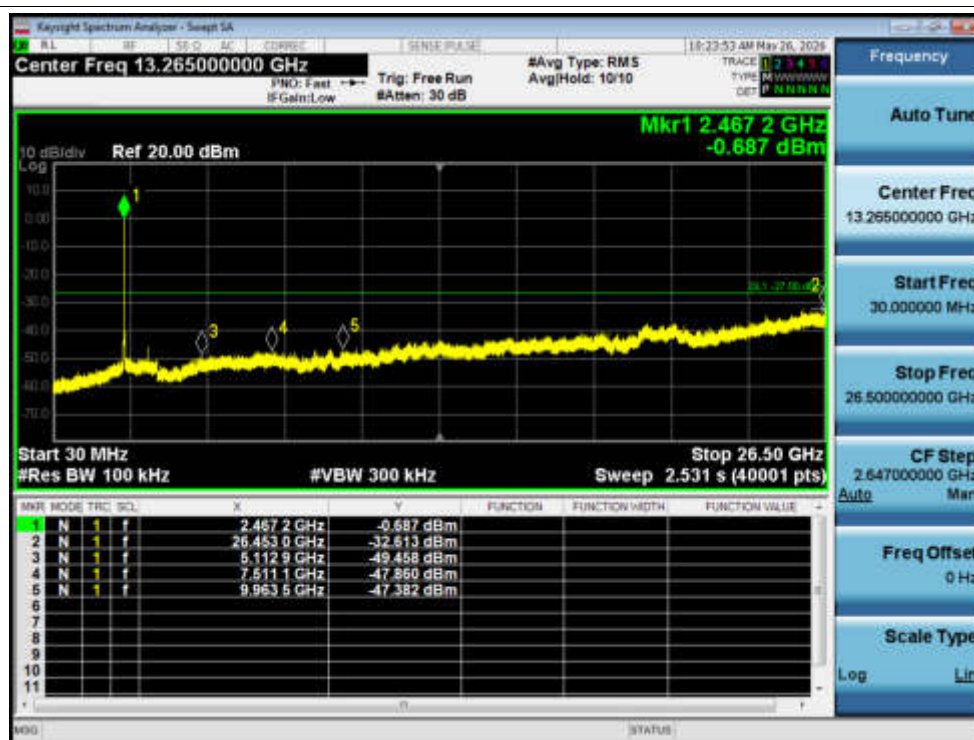
Tx. Spurious NVNT g 2437MHz Ant1 Ref



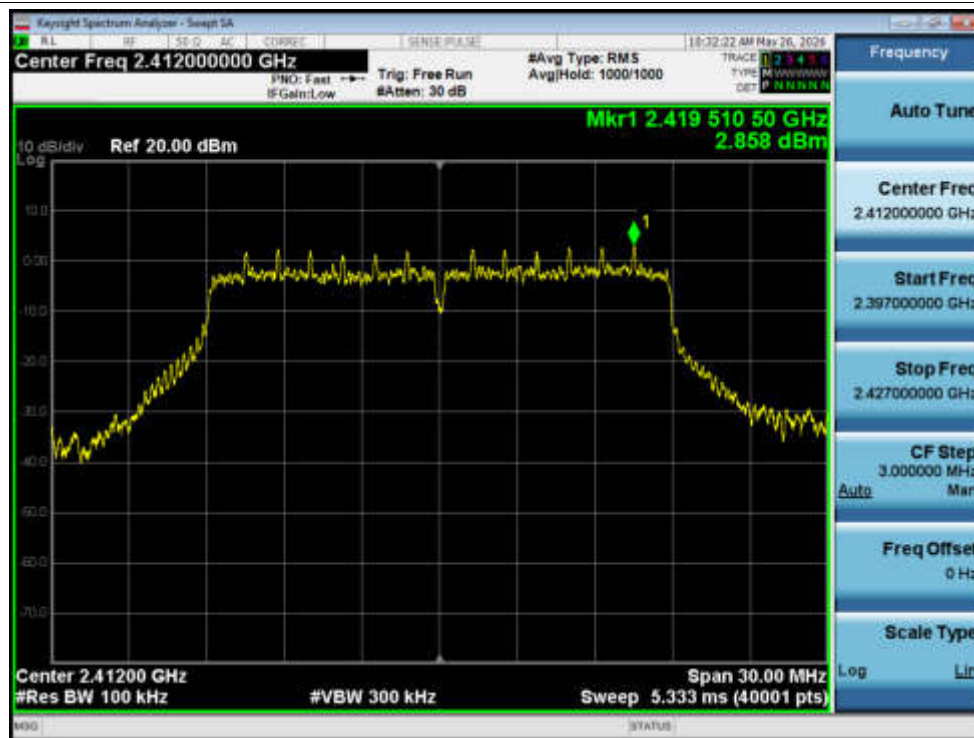
Tx. Spurious NVNT g 2437MHz Ant1 Emission



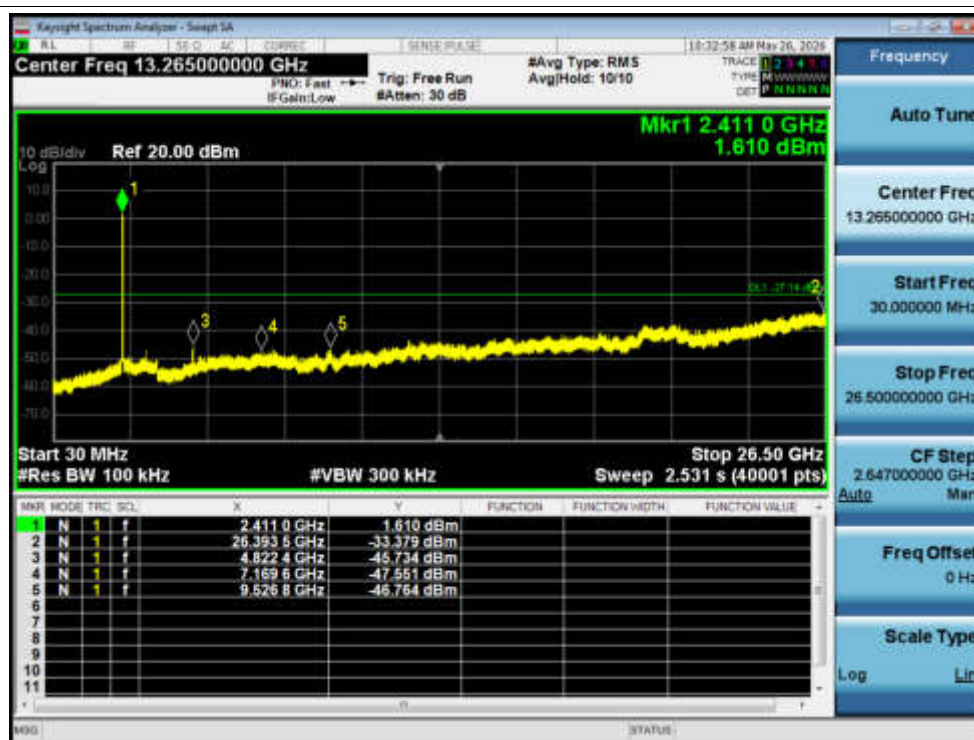
Tx. Spurious NVNT g 2462MHz Ant1 Ref



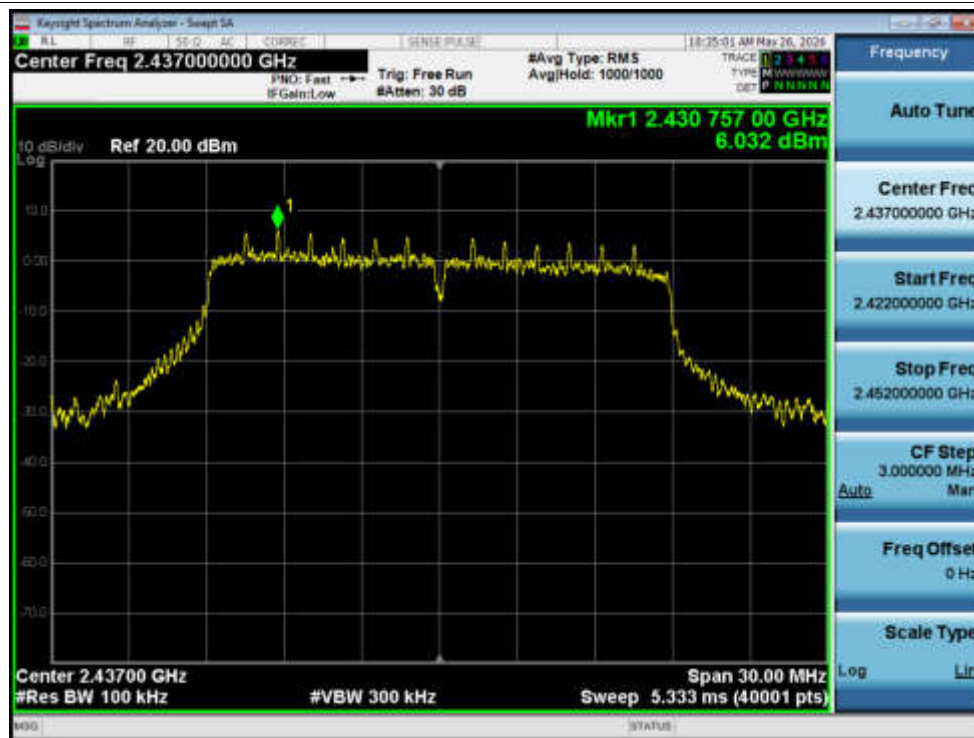
Tx. Spurious NVNT g 2462MHz Ant1 Emission



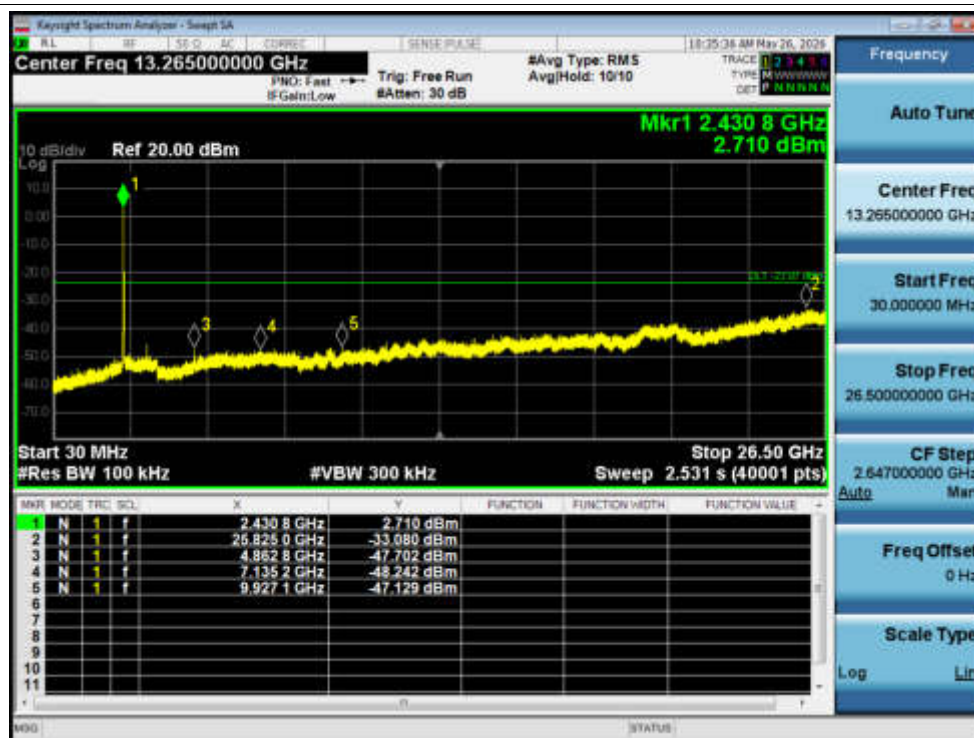
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



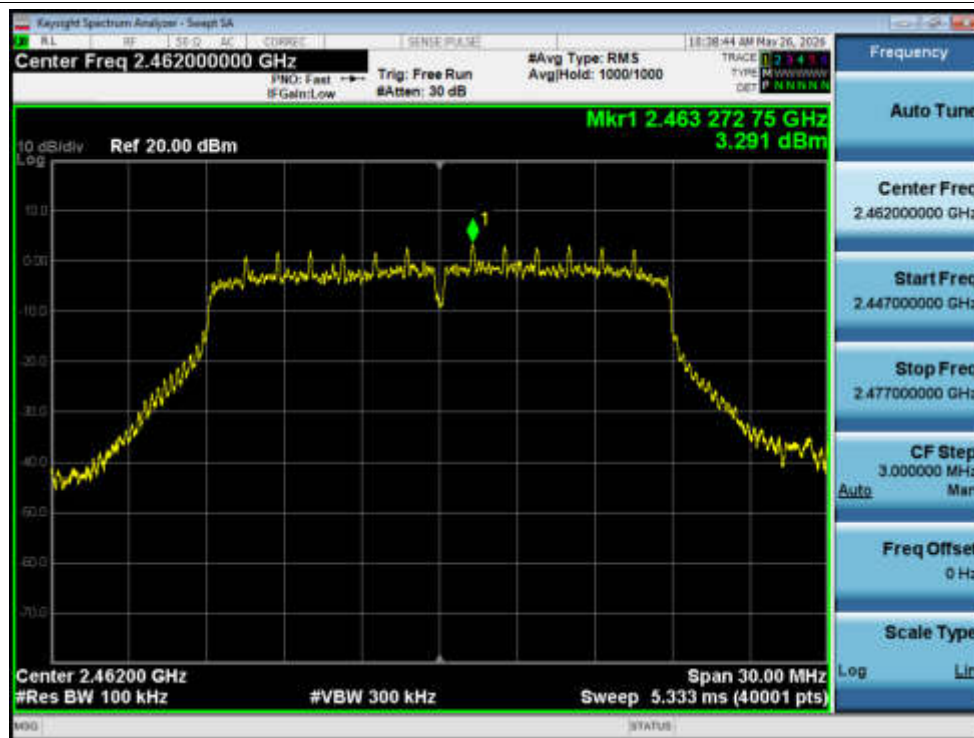
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



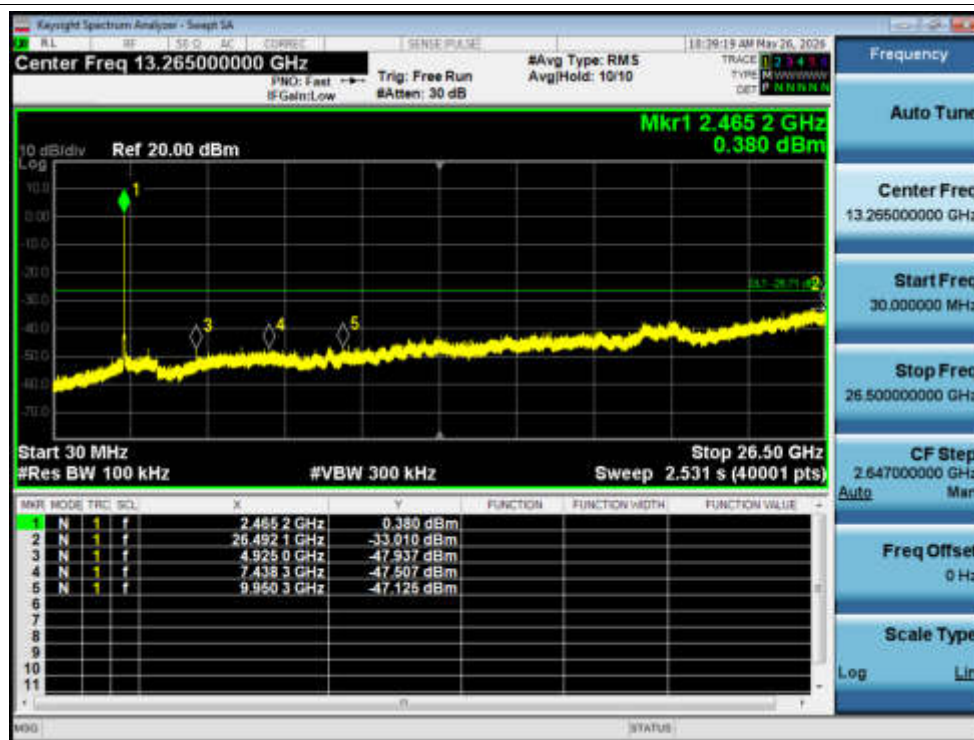
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



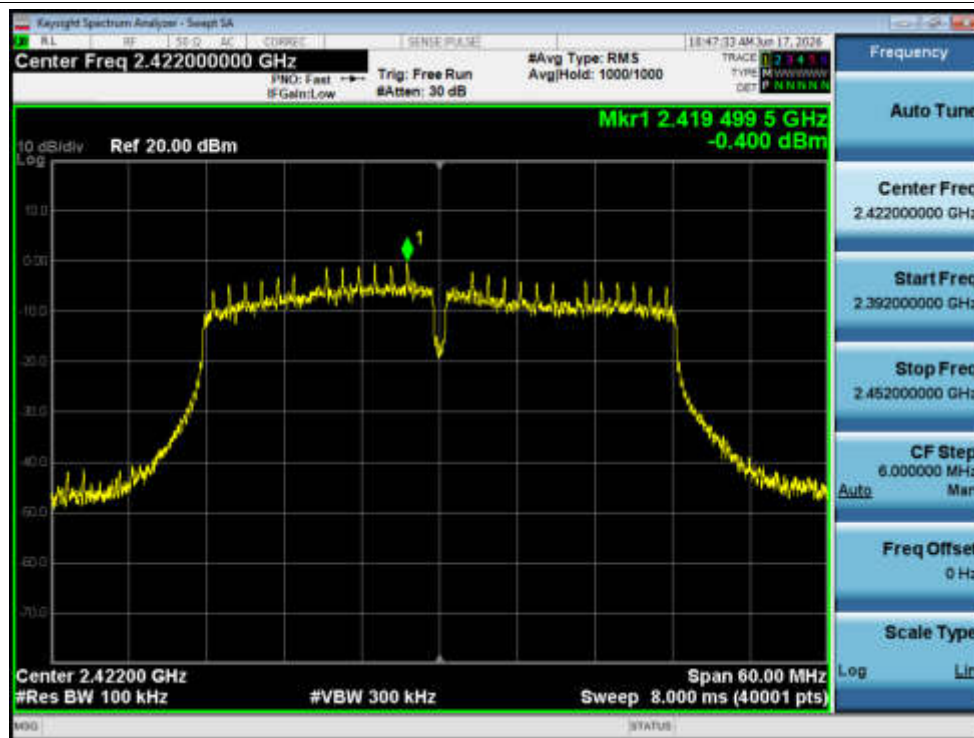
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



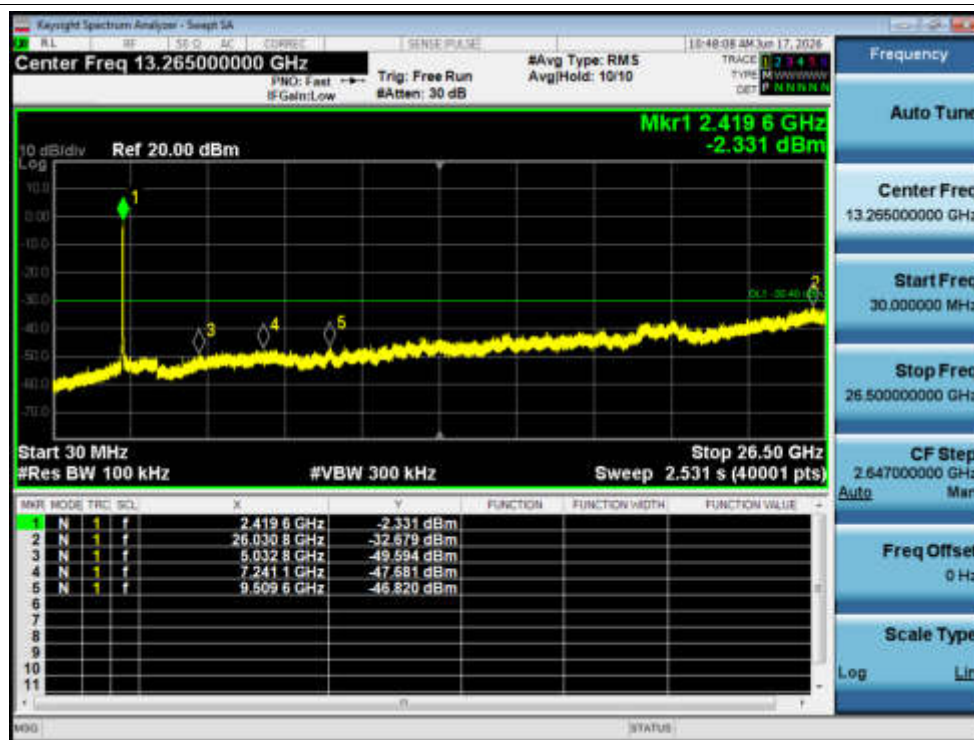
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission



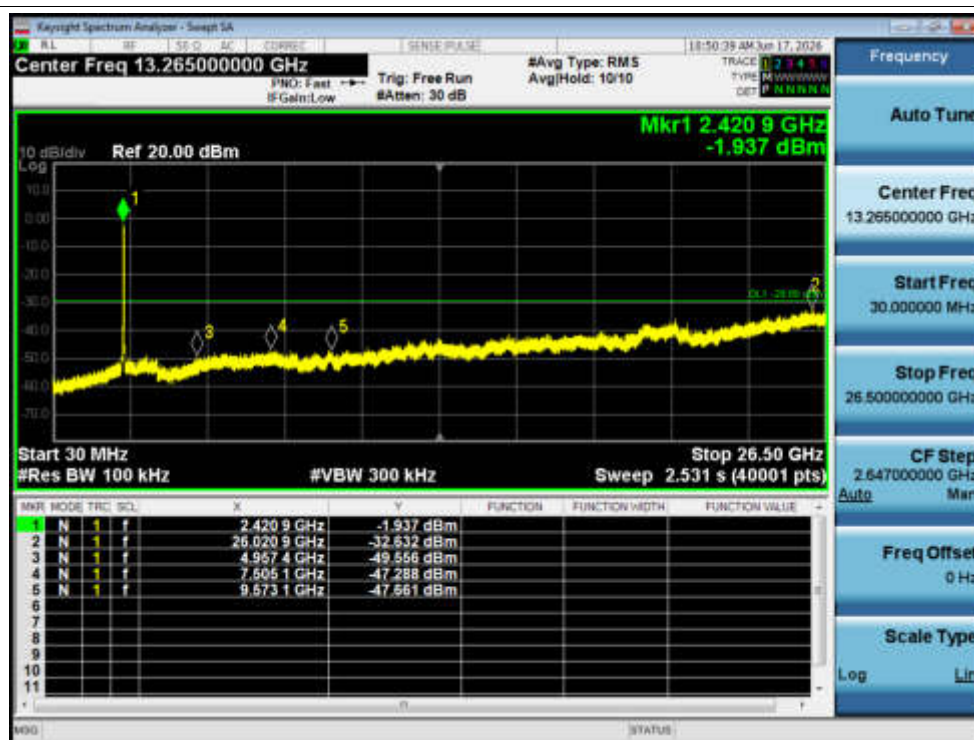
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



Tx. Spurious NVNT n40 2422MHz Ant1 Emission



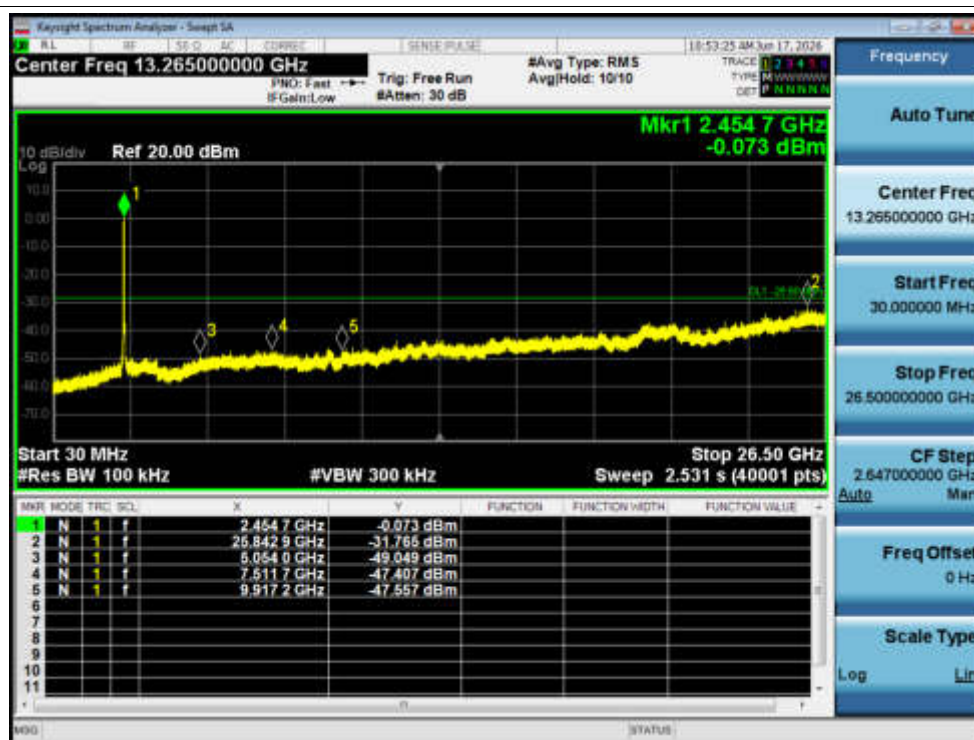
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission