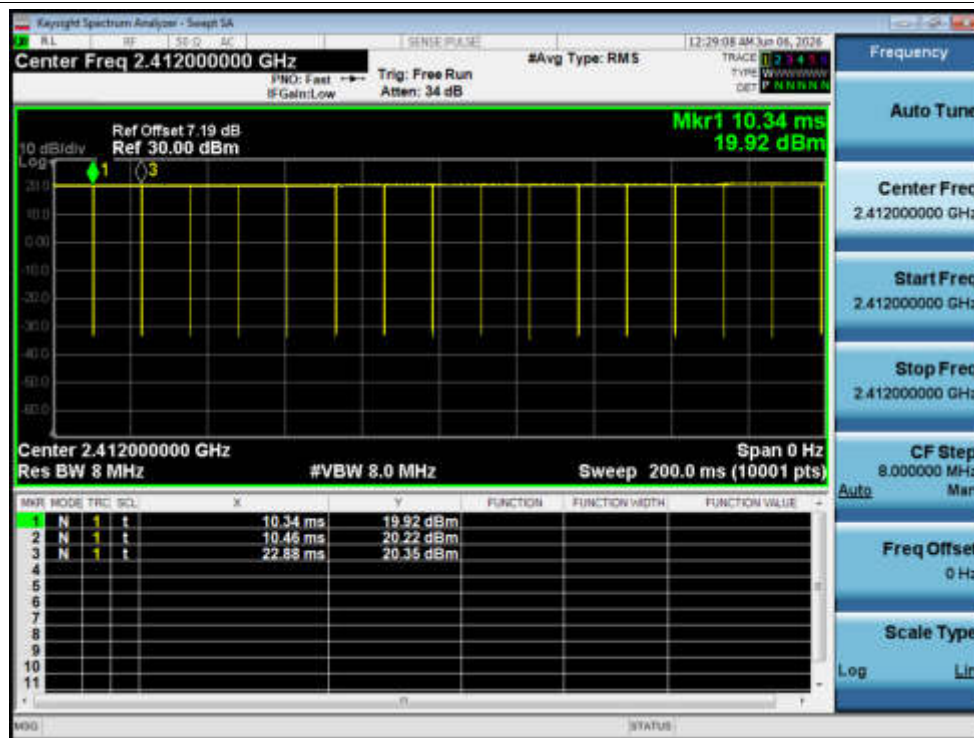


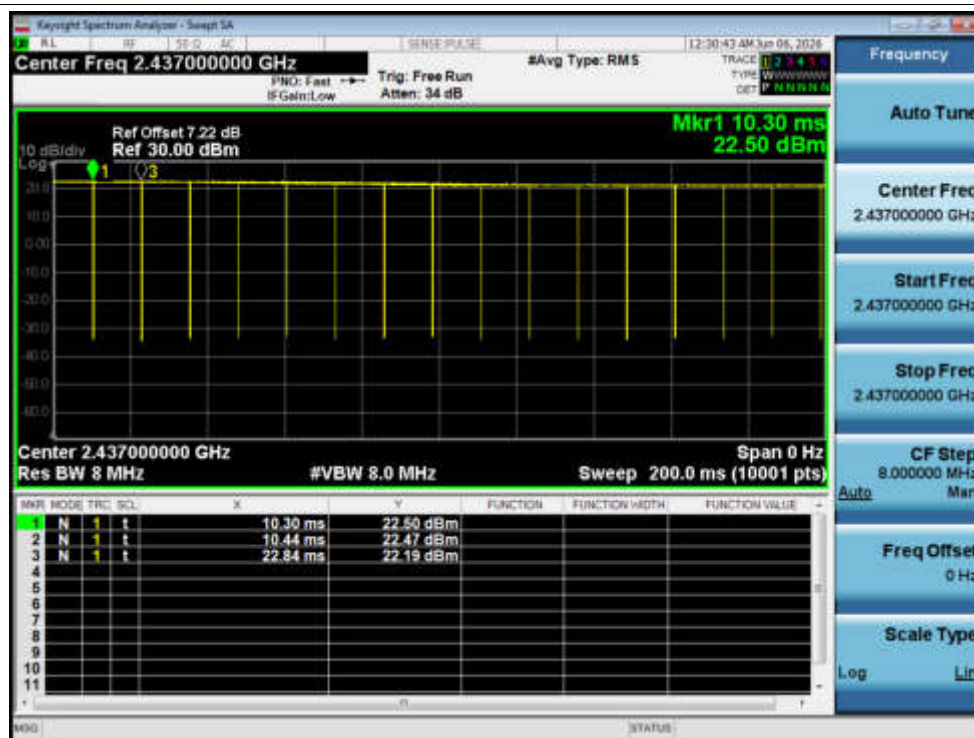
Appendix A

Duty Cycle

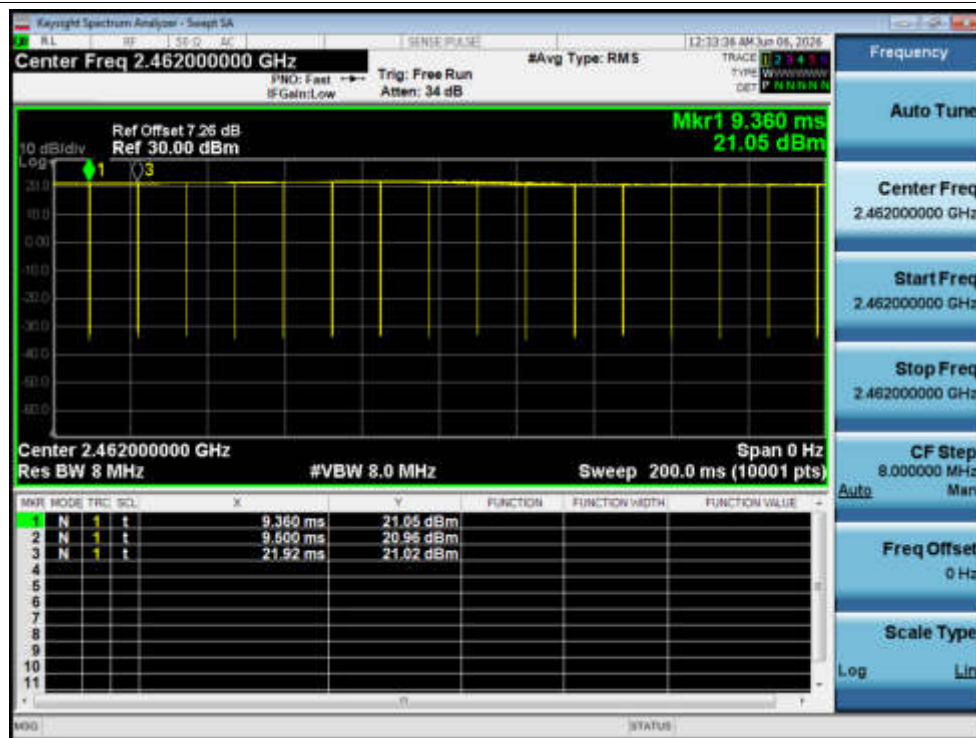
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.04	0.04	0.08
NVNT	b	2437	Ant1	98.88	0.05	0.08
NVNT	b	2462	Ant1	98.89	0.05	0.08
NVNT	g	2412	Ant1	94.07	0.27	0.48
NVNT	g	2437	Ant1	94.07	0.27	0.48
NVNT	g	2462	Ant1	94.07	0.27	0.48
NVNT	n20	2412	Ant1	93.66	0.28	0.52
NVNT	n20	2437	Ant1	93.66	0.28	0.52
NVNT	n20	2462	Ant1	93.66	0.28	0.52



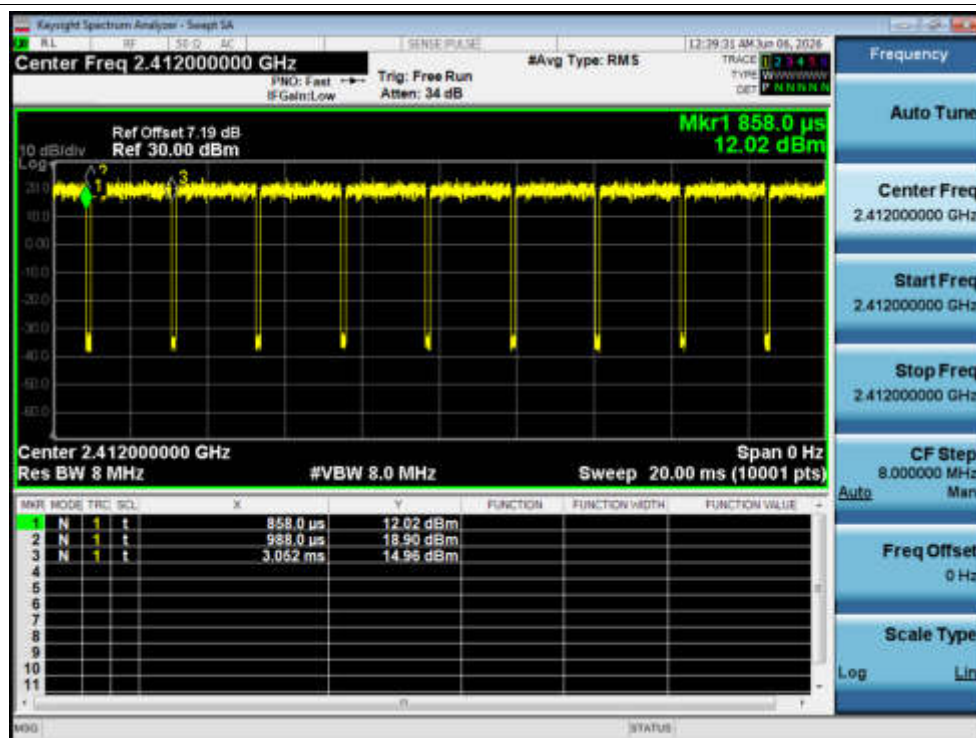
Duty Cycle NVNT b 2412MHz Ant1



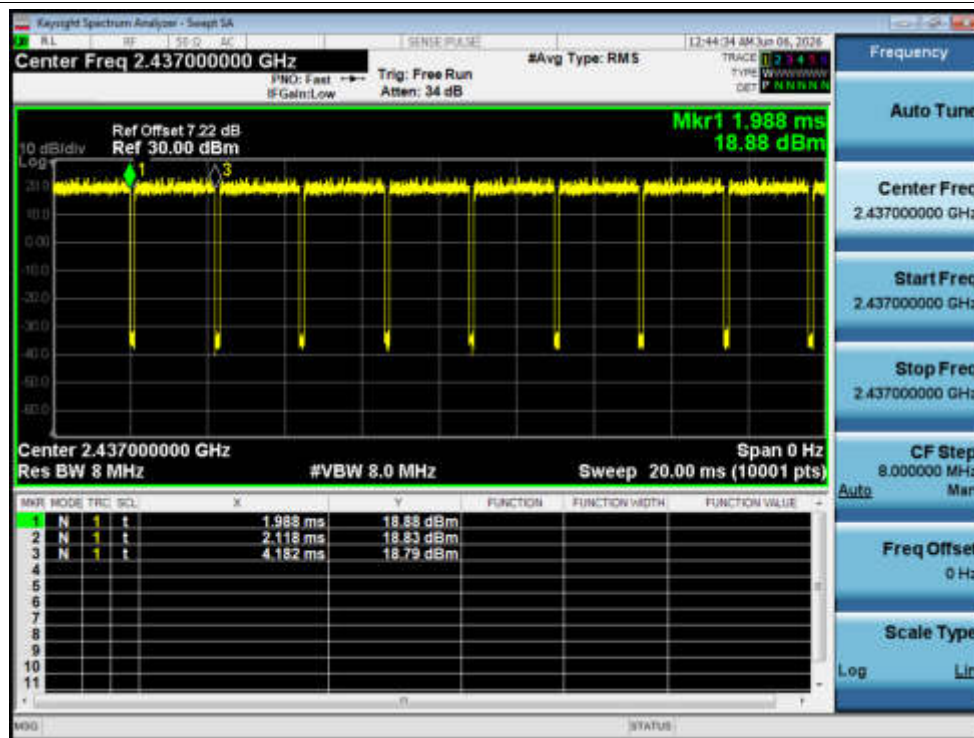
Duty Cycle NVNT b 2437MHz Ant1



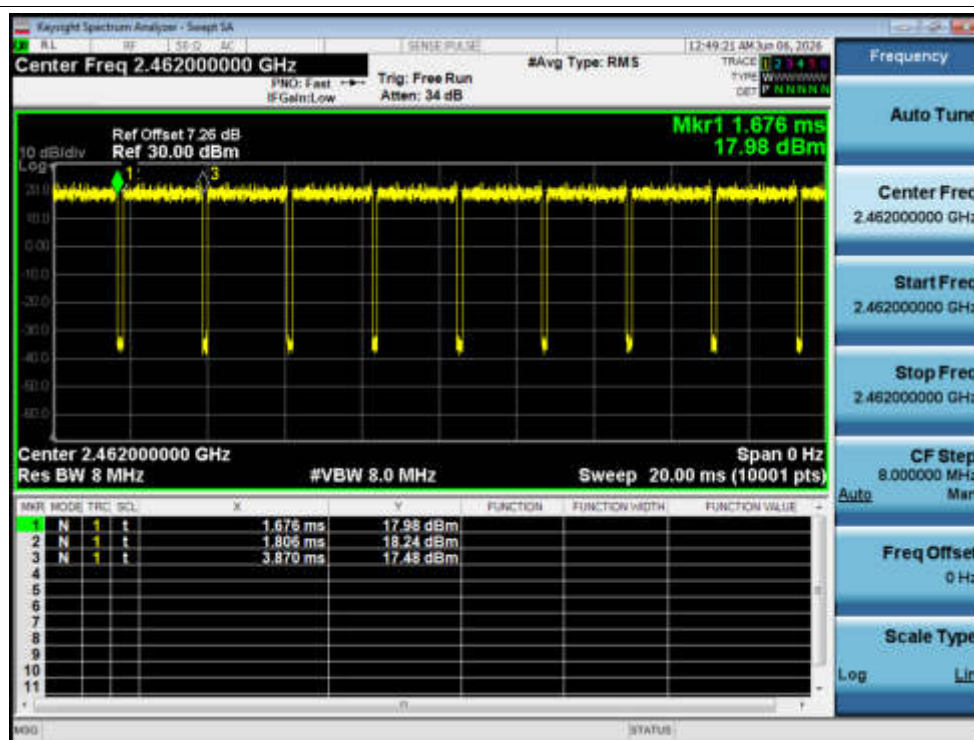
Duty Cycle NVNT b 2462MHz Ant1



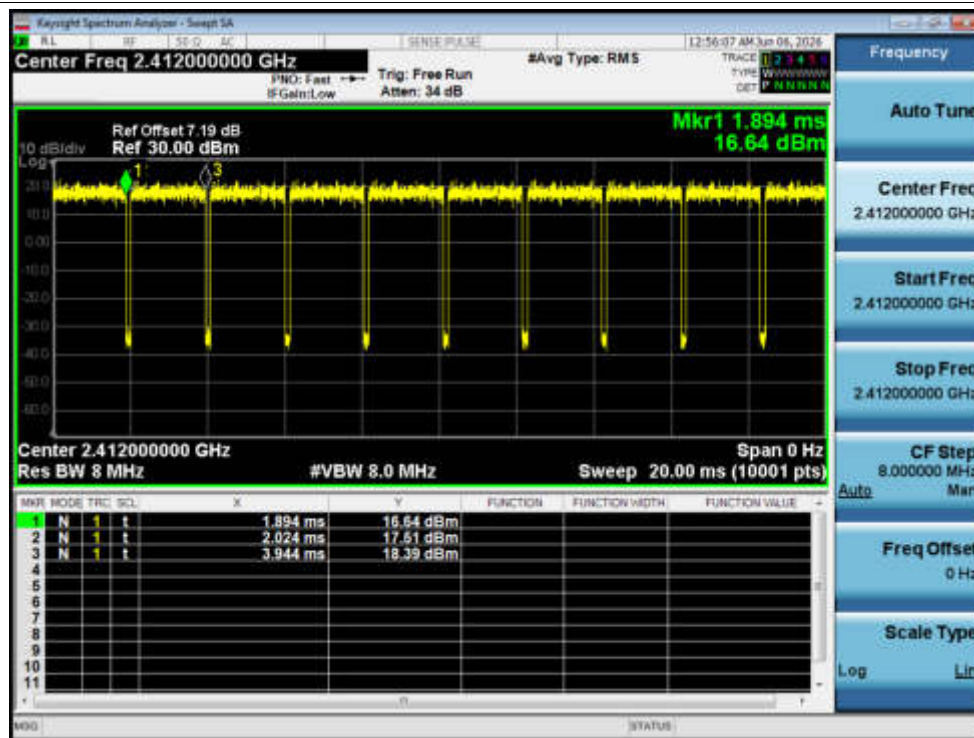
Duty Cycle NVNT g 2412MHz Ant1



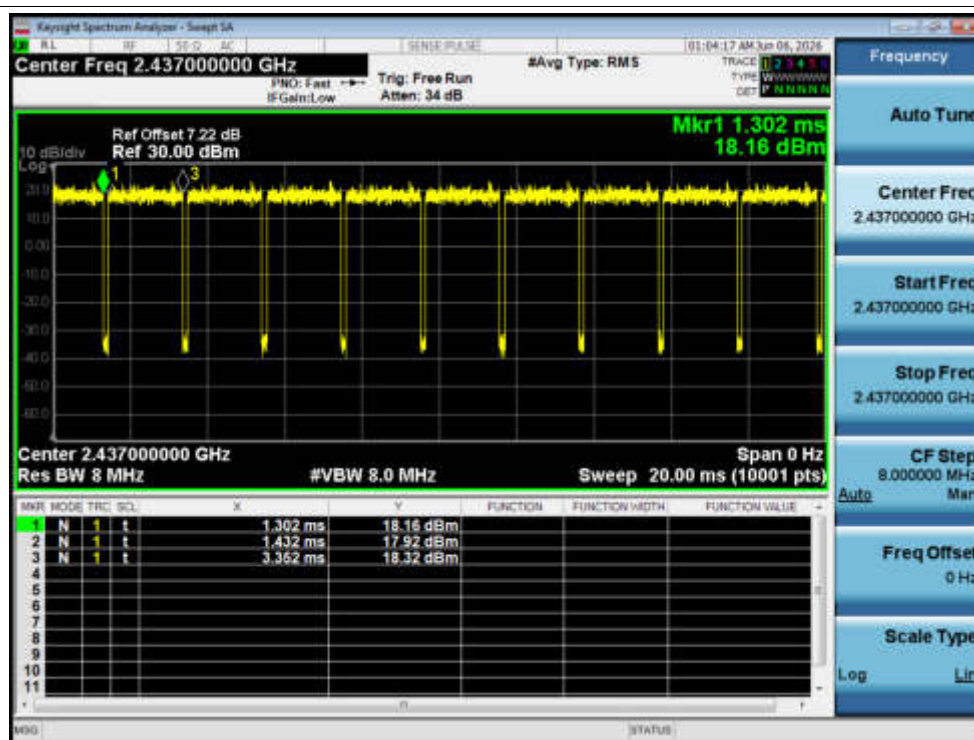
Duty Cycle NVNT g 2437MHz Ant1



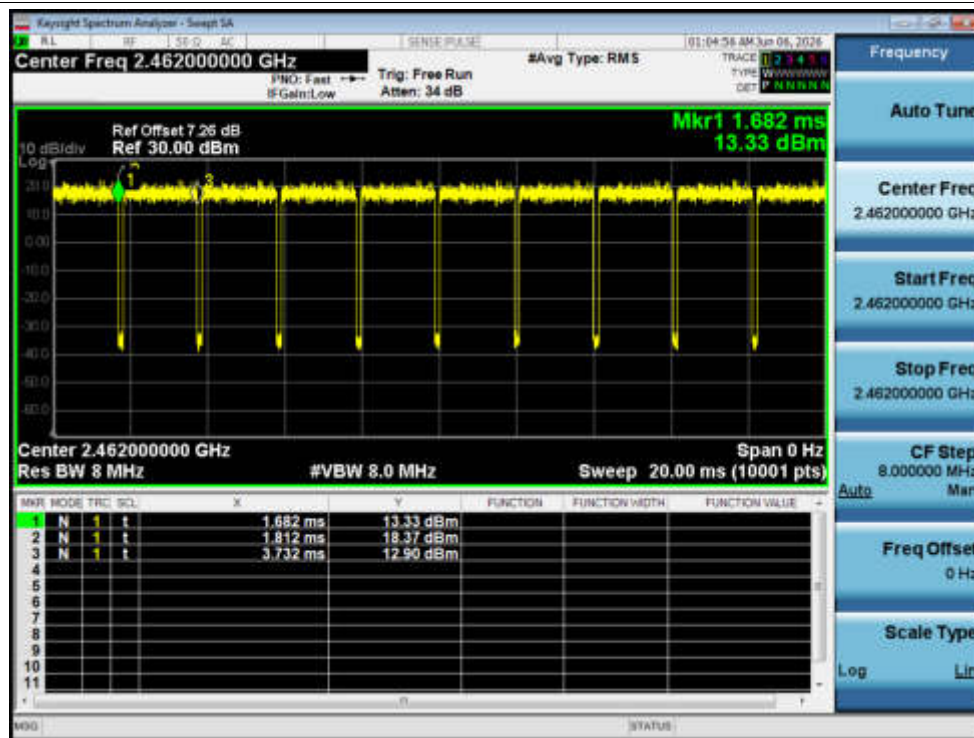
Duty Cycle NVNT g 2462MHz Ant1



Duty Cycle NVNT n20 2412MHz Ant1



Duty Cycle NVNT n20 2437MHz Ant1



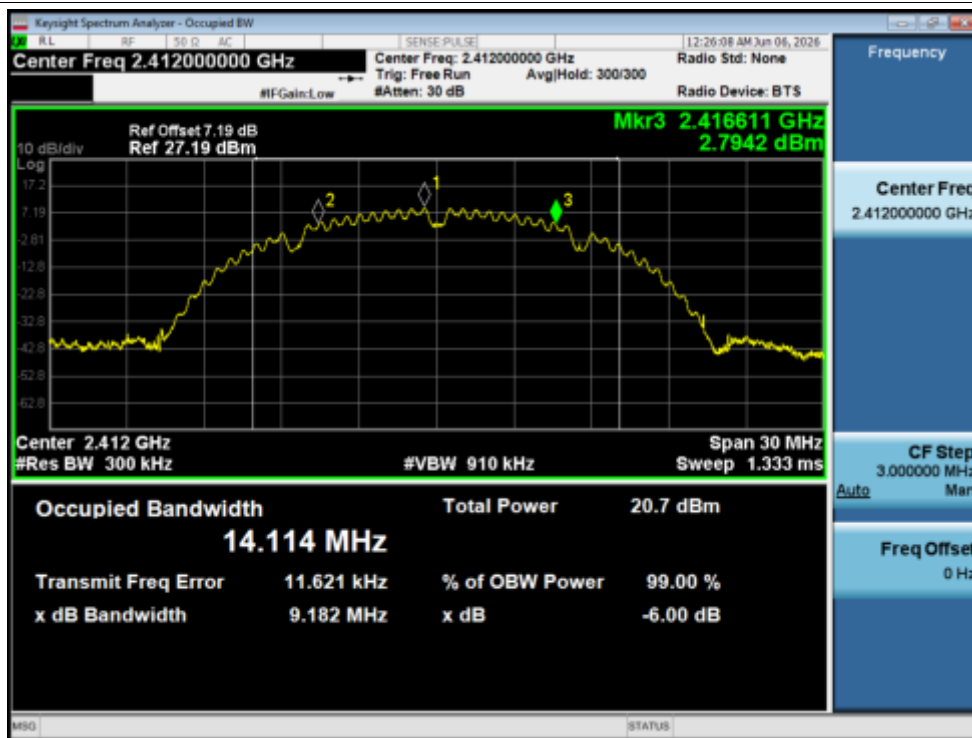
Duty Cycle NVNT n20 2462MHz Ant1

Maximum Average Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	b	2412	Ant1	NaN	17	0.05012	30	Pass
NVNT	b	2437	Ant1	NaN	17.56	0.05702	30	Pass
NVNT	b	2462	Ant1	NaN	17.41	0.05508	30	Pass
NVNT	g	2412	Ant1	NaN	16.73	0.0471	30	Pass
NVNT	g	2437	Ant1	NaN	16.58	0.0455	30	Pass
NVNT	g	2462	Ant1	NaN	16.53	0.04498	30	Pass
NVNT	n20	2412	Ant1	NaN	15.38	0.03451	30	Pass
NVNT	n20	2437	Ant1	NaN	15.81	0.03811	30	Pass
NVNT	n20	2462	Ant1	NaN	15.78	0.03784	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.182	0.5	Pass
NVNT	b	2437	Ant1	9.154	0.5	Pass
NVNT	b	2462	Ant1	9.16	0.5	Pass
NVNT	g	2412	Ant1	16.43	0.5	Pass
NVNT	g	2437	Ant1	16.41	0.5	Pass
NVNT	g	2462	Ant1	16.35	0.5	Pass
NVNT	n20	2412	Ant1	17.66	0.5	Pass
NVNT	n20	2437	Ant1	17.58	0.5	Pass
NVNT	n20	2462	Ant1	17.61	0.5	Pass



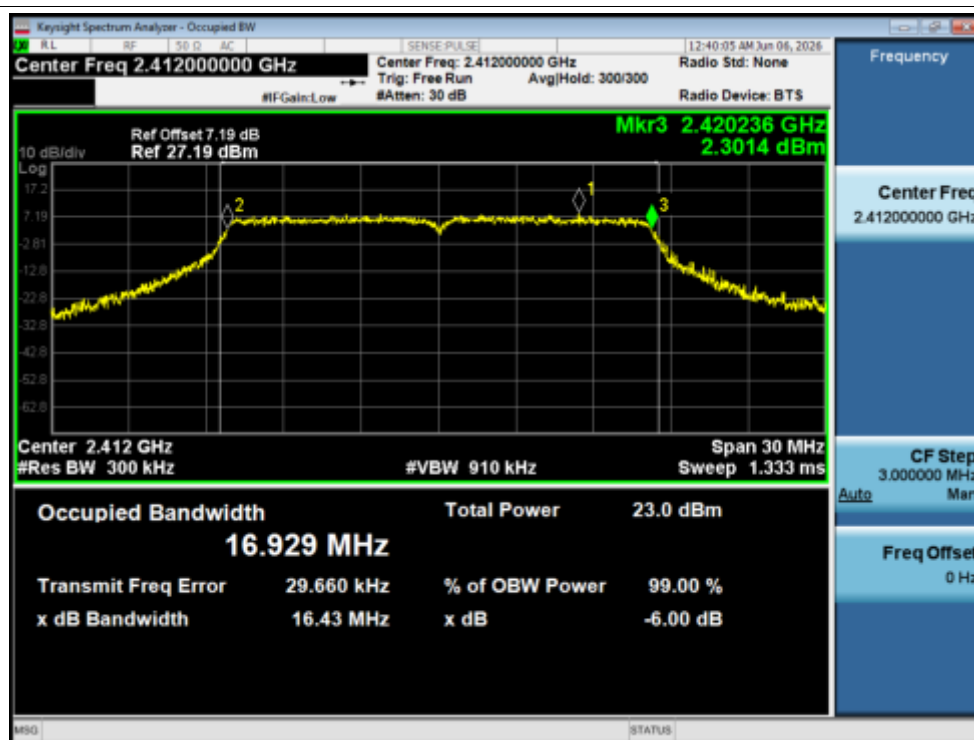
-6dB Bandwidth NVNT b 2412MHz Ant1



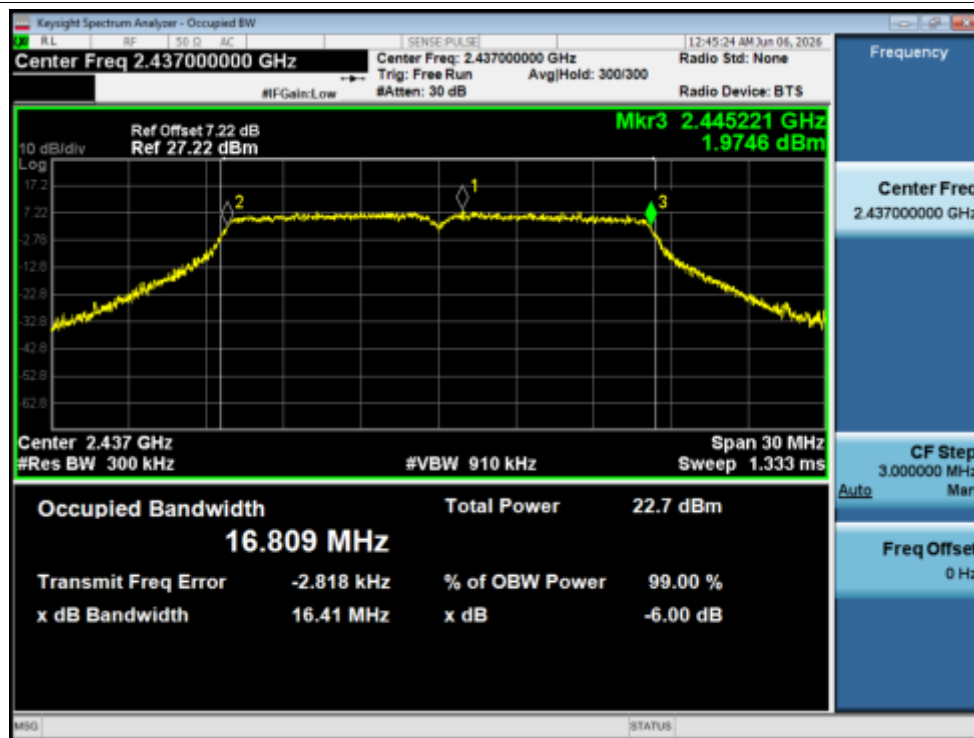
-6dB Bandwidth NVNT b 2437MHz Ant1



-6dB Bandwidth NVNT b 2462MHz Ant1



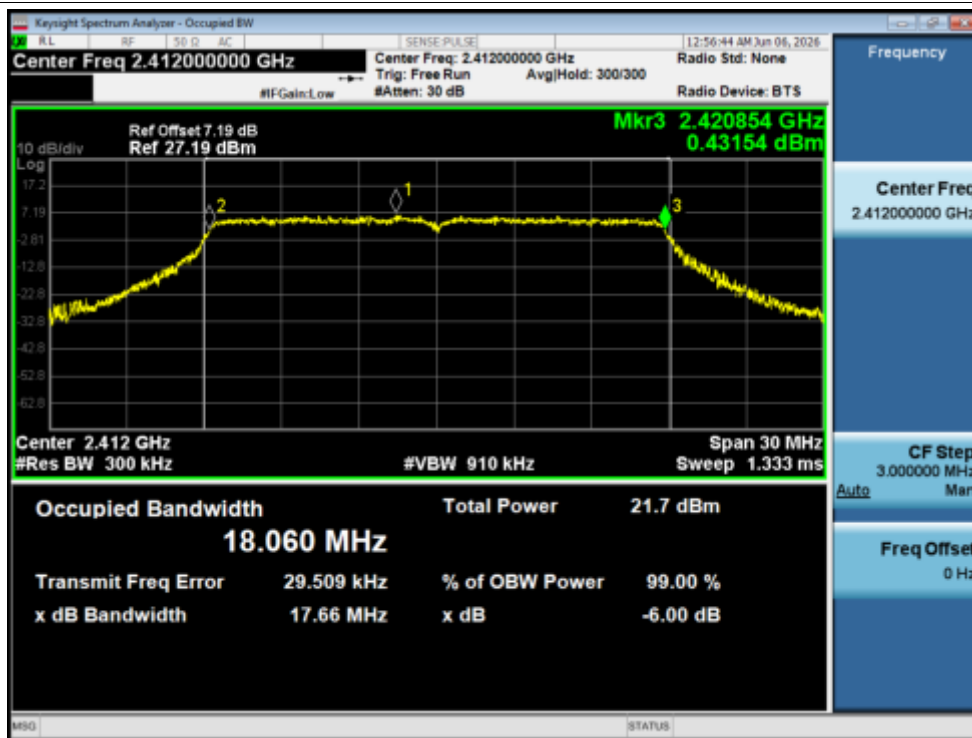
-6dB Bandwidth NVNT g 2412MHz Ant1



-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1



-6dB Bandwidth NVNT n20 2412MHz Ant1



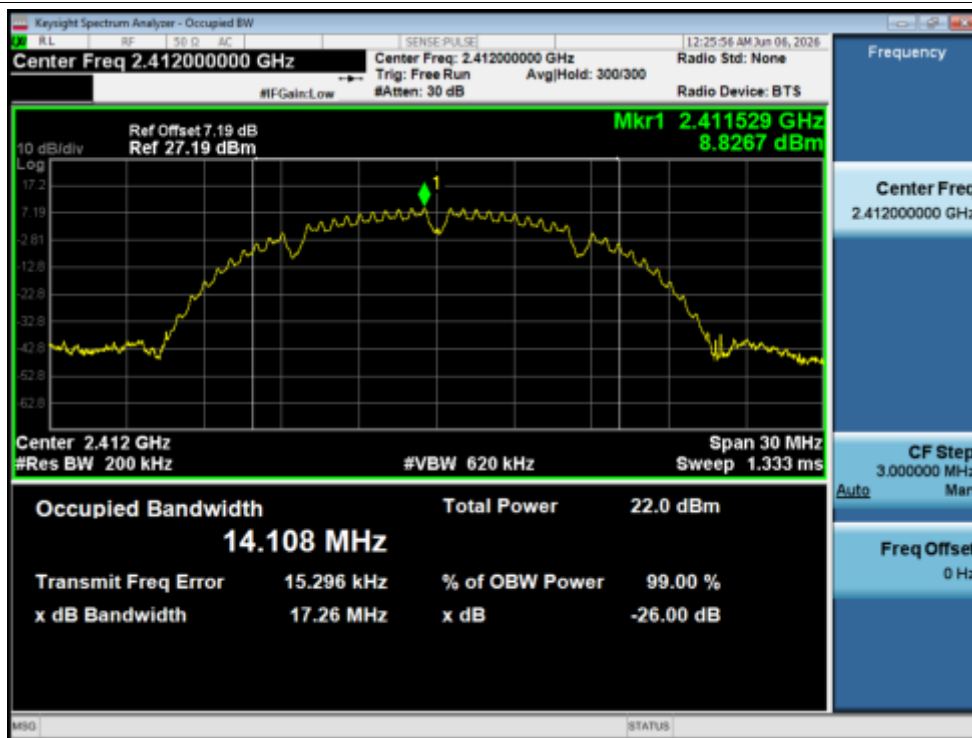
-6dB Bandwidth NVNT n20 2437MHz Ant1



-6dB Bandwidth NVNT n20 2462MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.108
NVNT	b	2437	Ant1	13.951
NVNT	b	2462	Ant1	13.964
NVNT	g	2412	Ant1	16.682
NVNT	g	2437	Ant1	16.588
NVNT	g	2462	Ant1	16.608
NVNT	n20	2412	Ant1	17.865
NVNT	n20	2437	Ant1	17.768
NVNT	n20	2462	Ant1	17.716



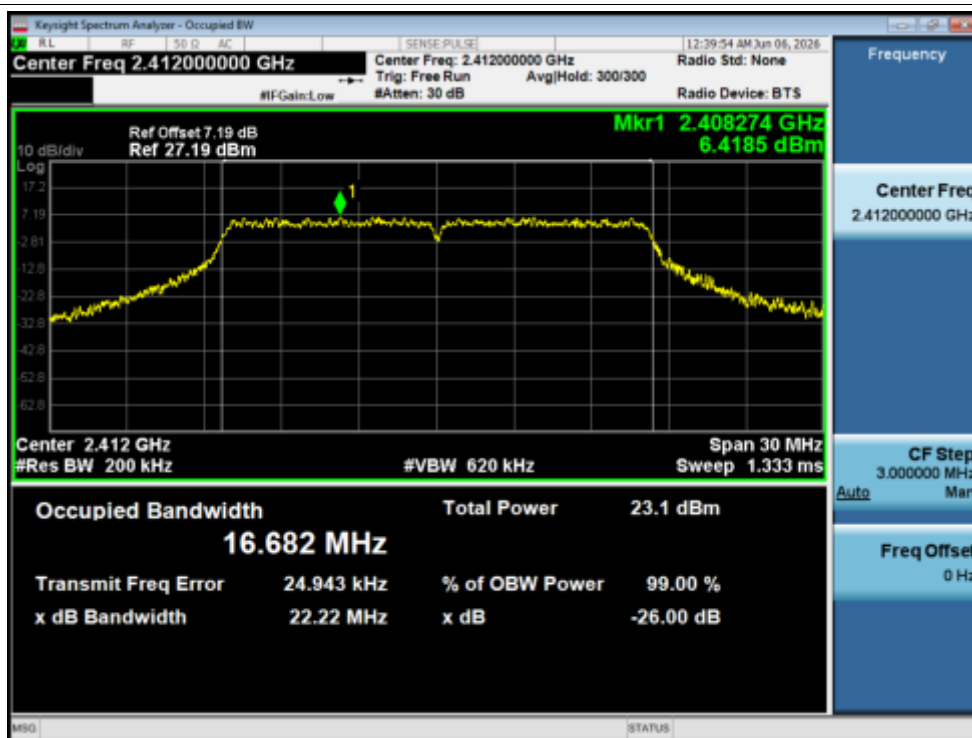
OBW NVNT b 2412MHz Ant1



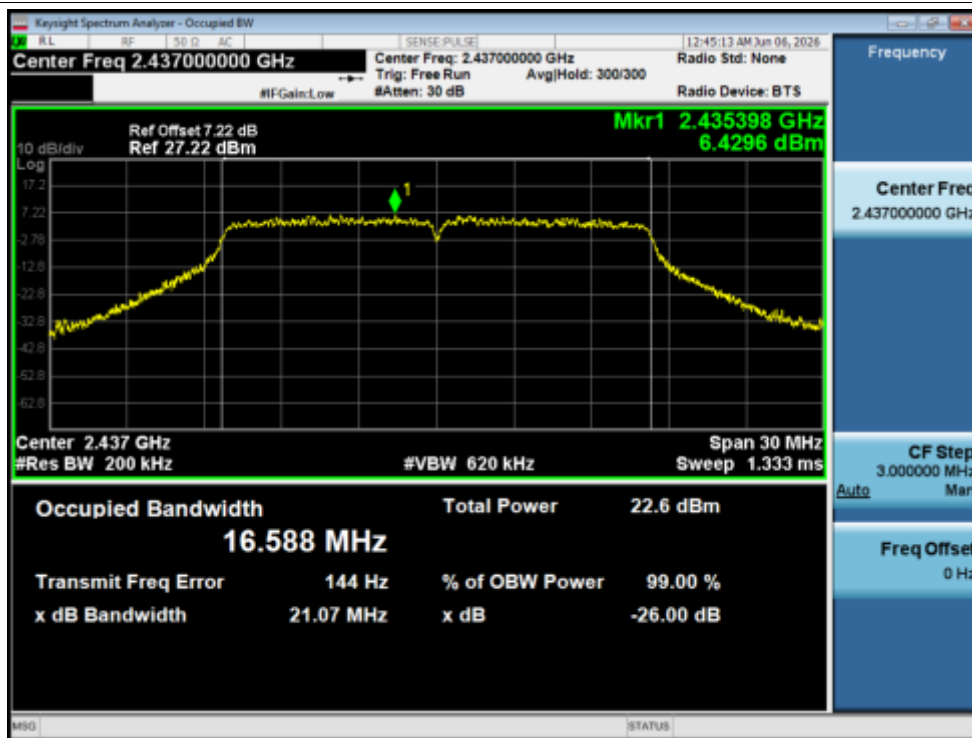
OBW NVNT b 2437MHz Ant1



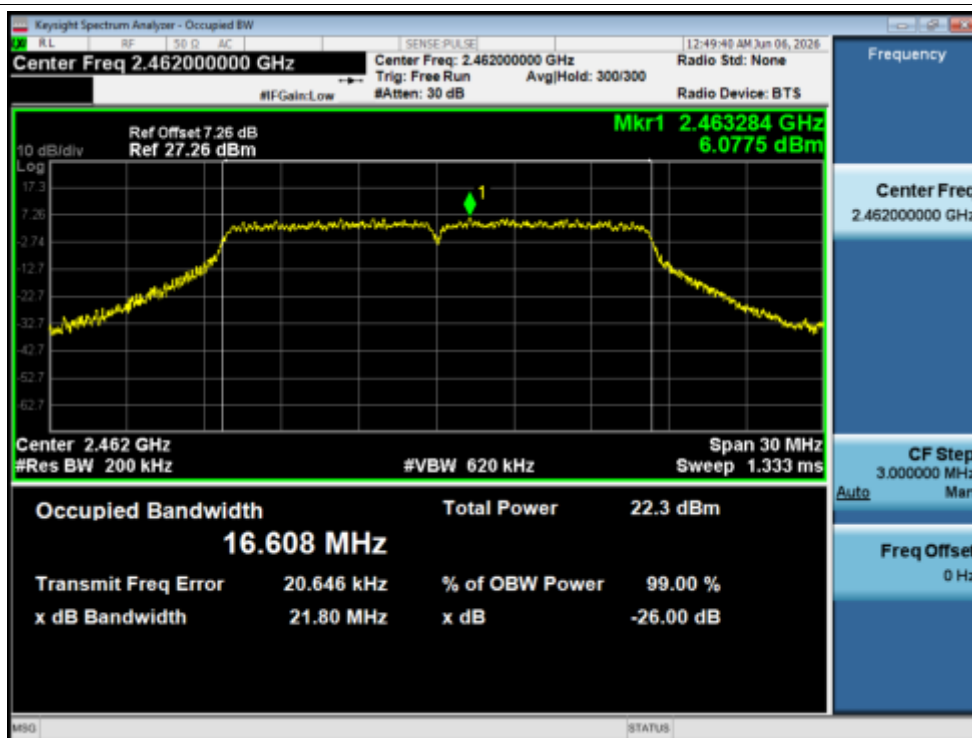
OBW NVNT b 2462MHz Ant1



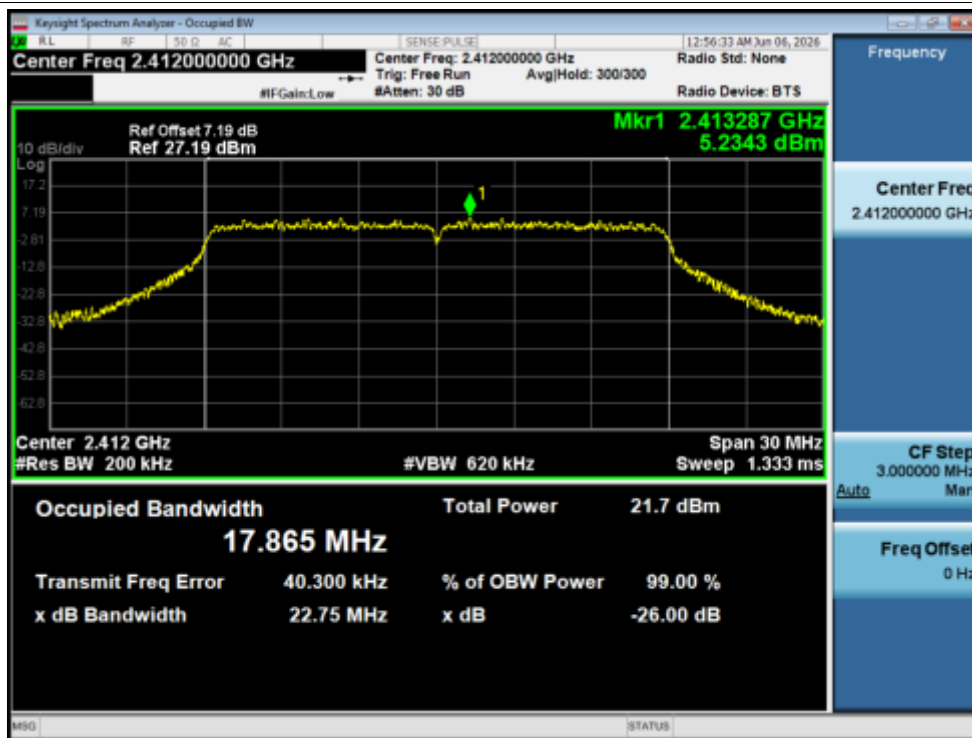
OBW NVNT g 2412MHz Ant1



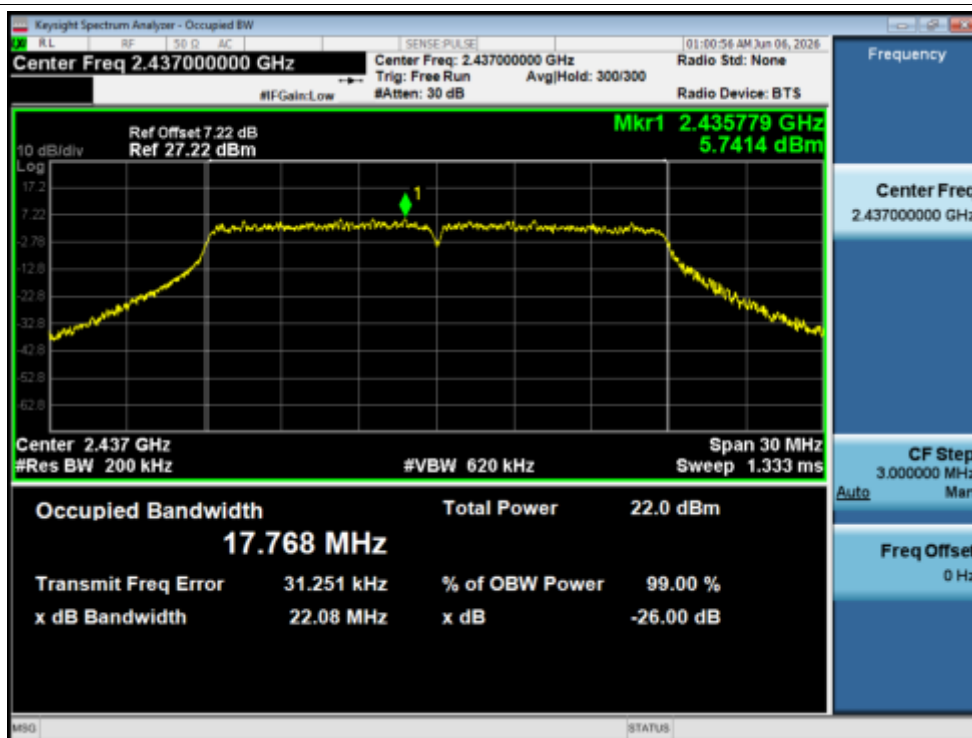
OBW NVNT g 2437MHz Ant1



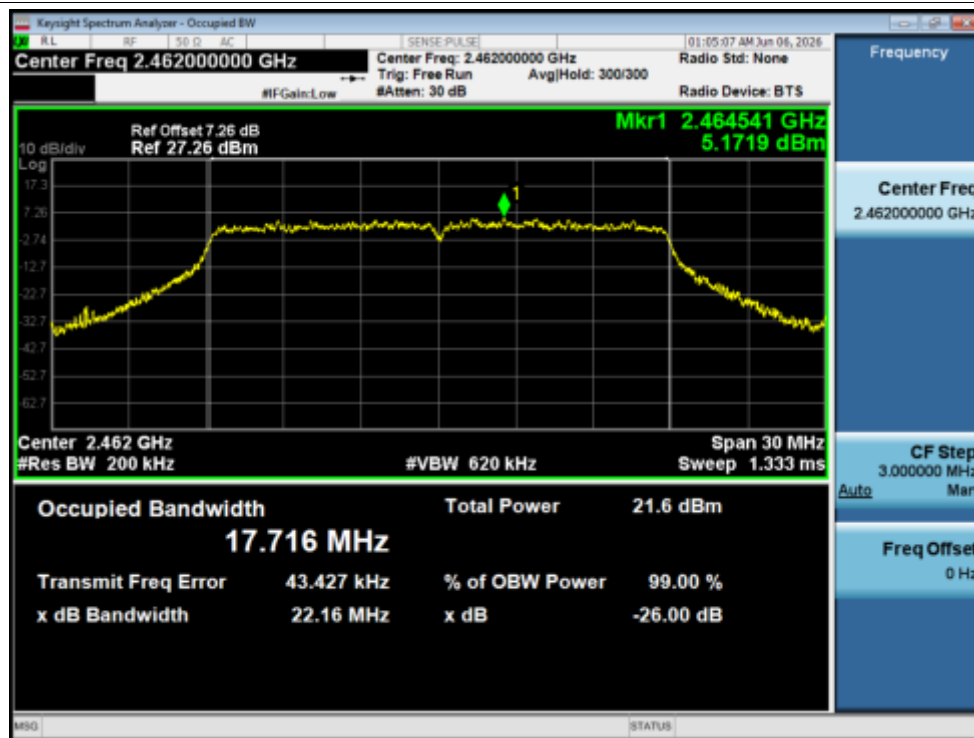
OBW NVNT g 2462MHz Ant1



OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



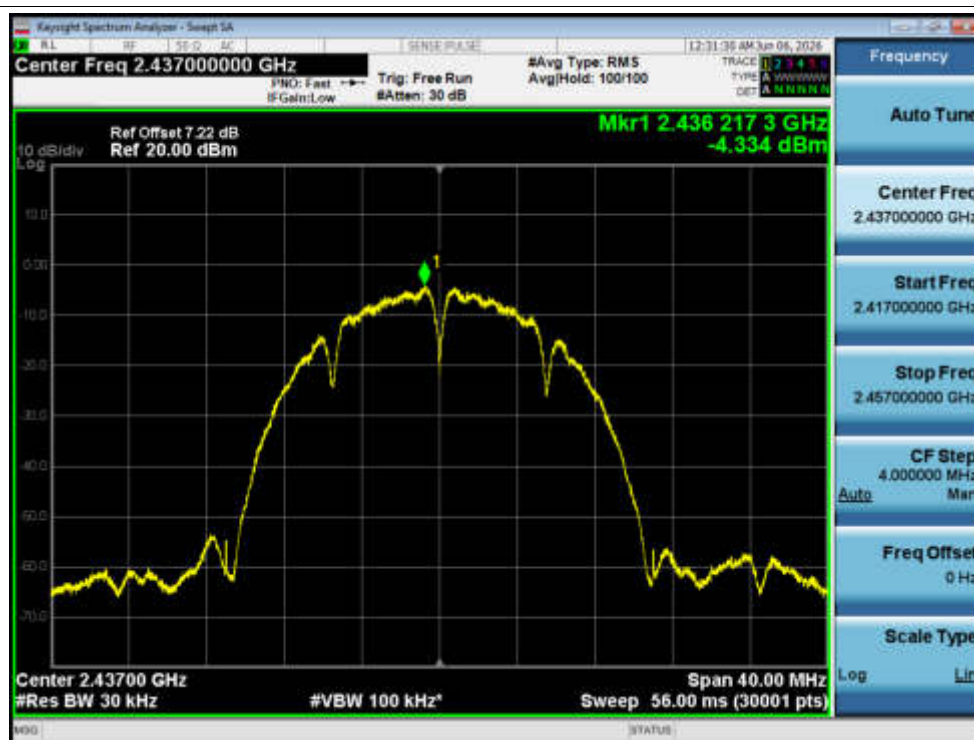
OBW NVNT n20 2462MHz Ant1

Maximum Power Spectral Density Level

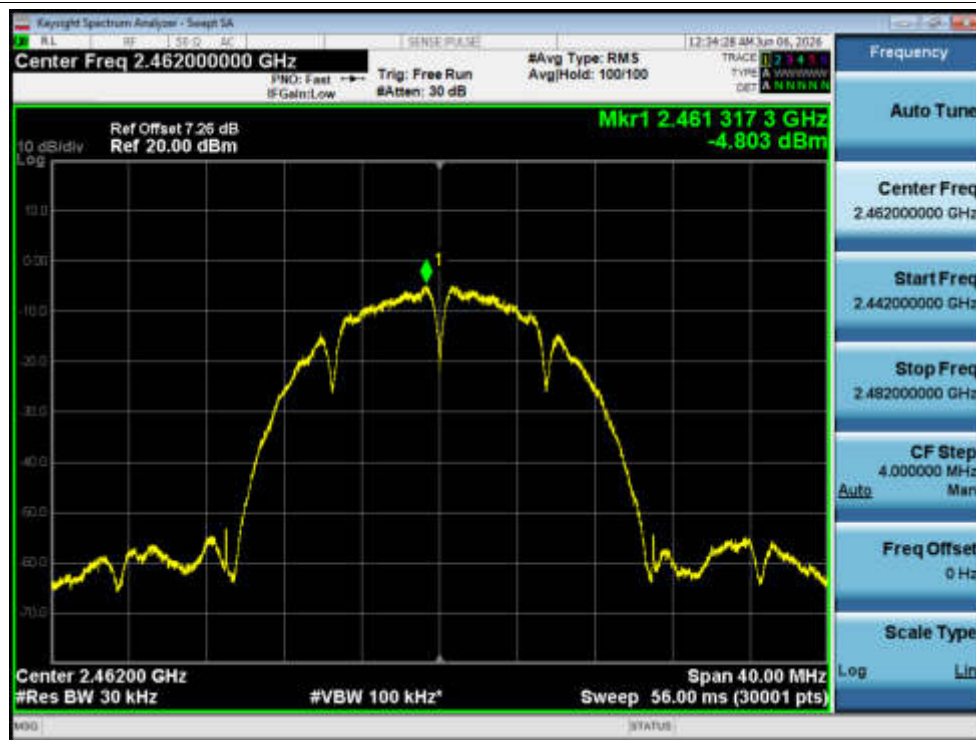
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-14.77	0.05	-14.72	8	Pass
NVNT	b	2437	Ant1	-14.33	0.05	-14.28	8	Pass
NVNT	b	2462	Ant1	-14.8	0.05	-14.75	8	Pass
NVNT	g	2412	Ant1	-17.57	0.27	-17.3	8	Pass
NVNT	g	2437	Ant1	-17.37	0.27	-17.1	8	Pass
NVNT	g	2462	Ant1	-17.98	0.27	-17.71	8	Pass
NVNT	n20	2412	Ant1	-19.1	0.28	-18.82	8	Pass
NVNT	n20	2437	Ant1	-17.9	0.28	-17.62	8	Pass
NVNT	n20	2462	Ant1	-18.5	0.28	-18.22	8	Pass



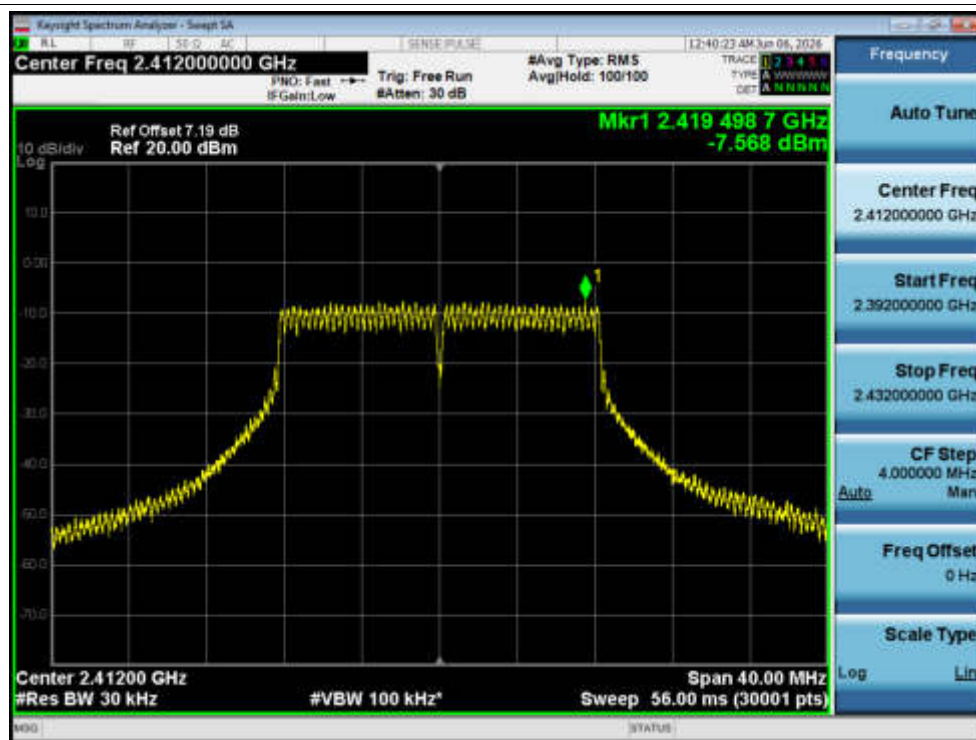
PSD NVNT b 2412MHz Ant1



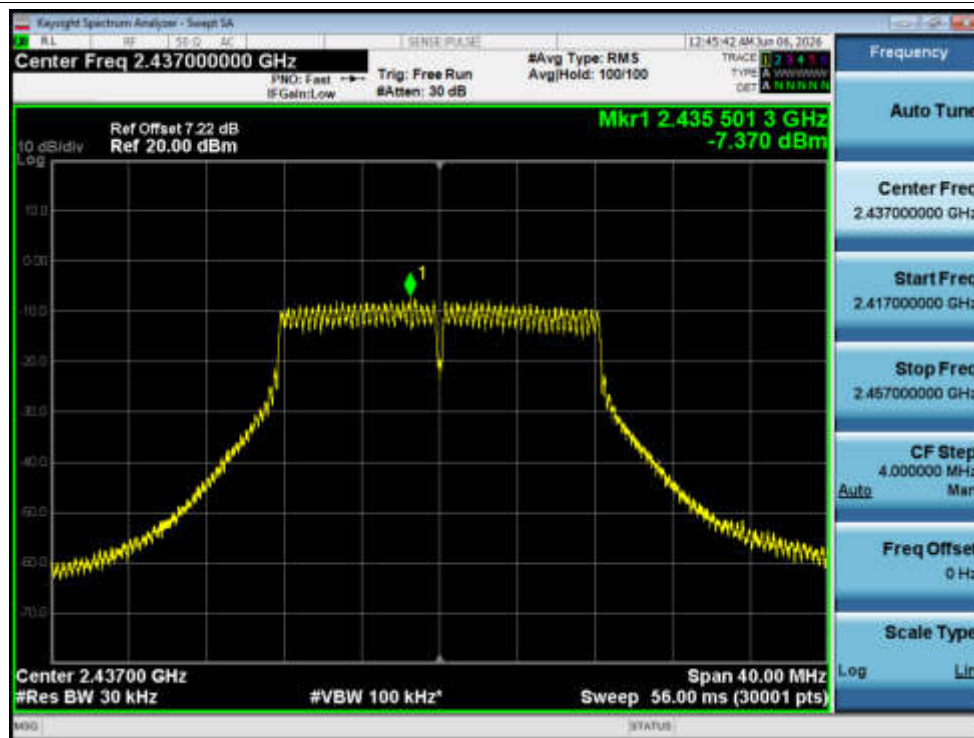
PSD NVNT b 2437MHz Ant1



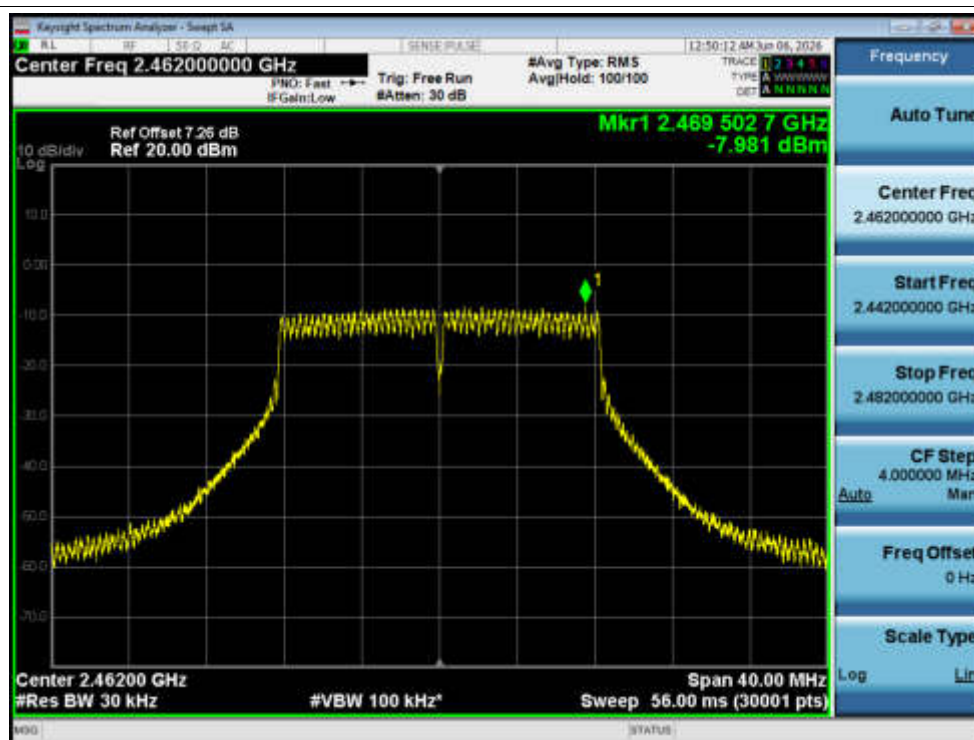
PSD NVNT b 2462MHz Ant1



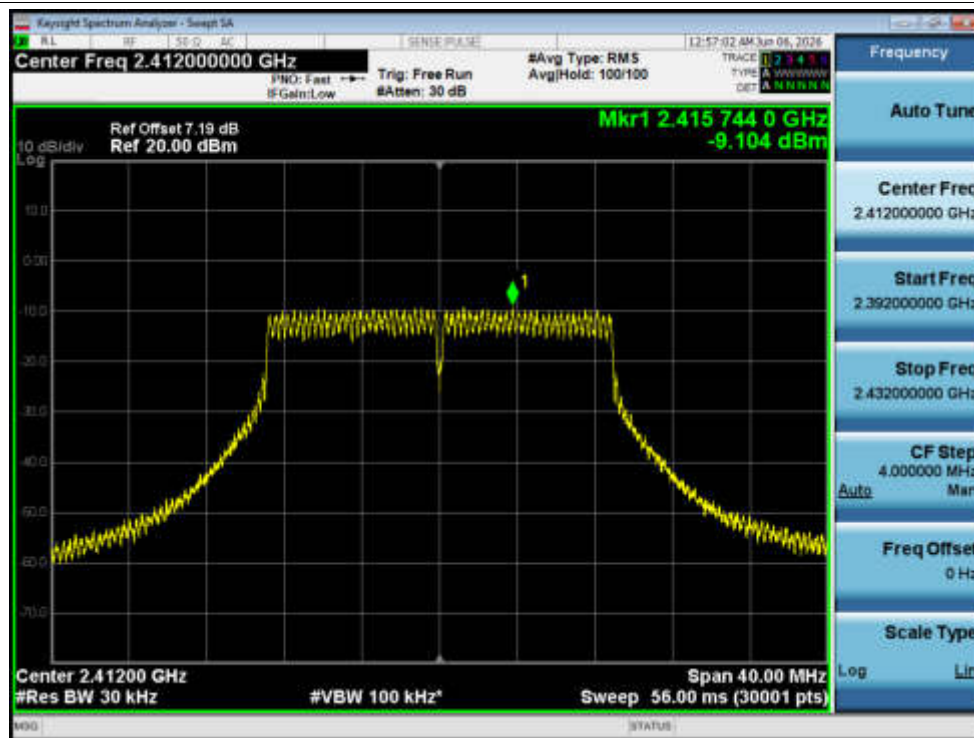
PSD NVNT g 2412MHz Ant1



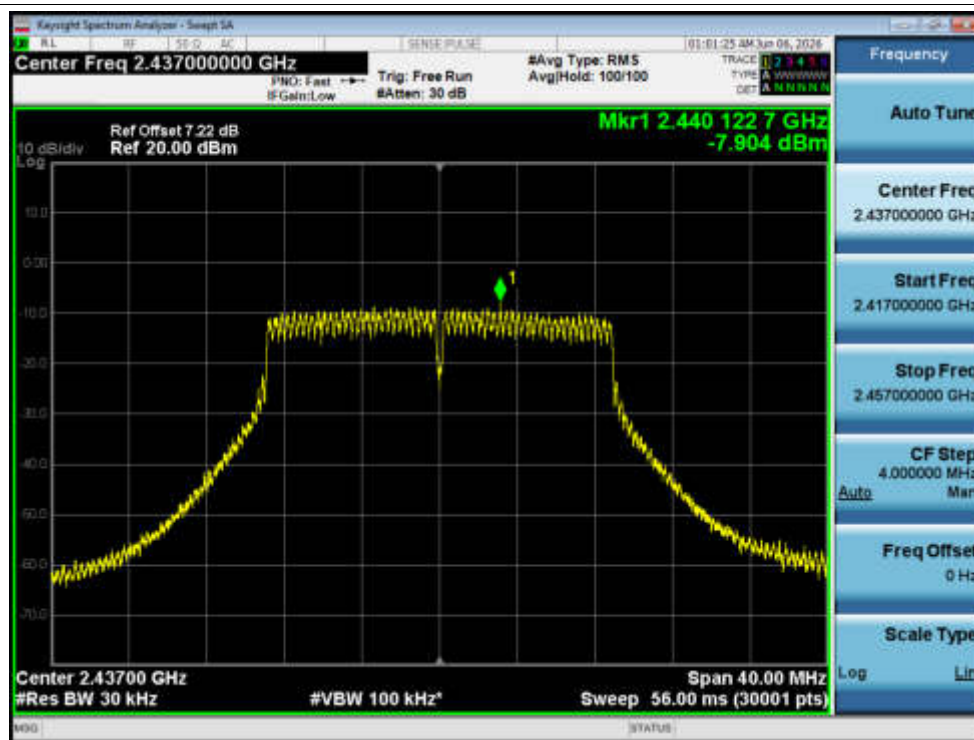
PSD NVNT g 2437MHz Ant1



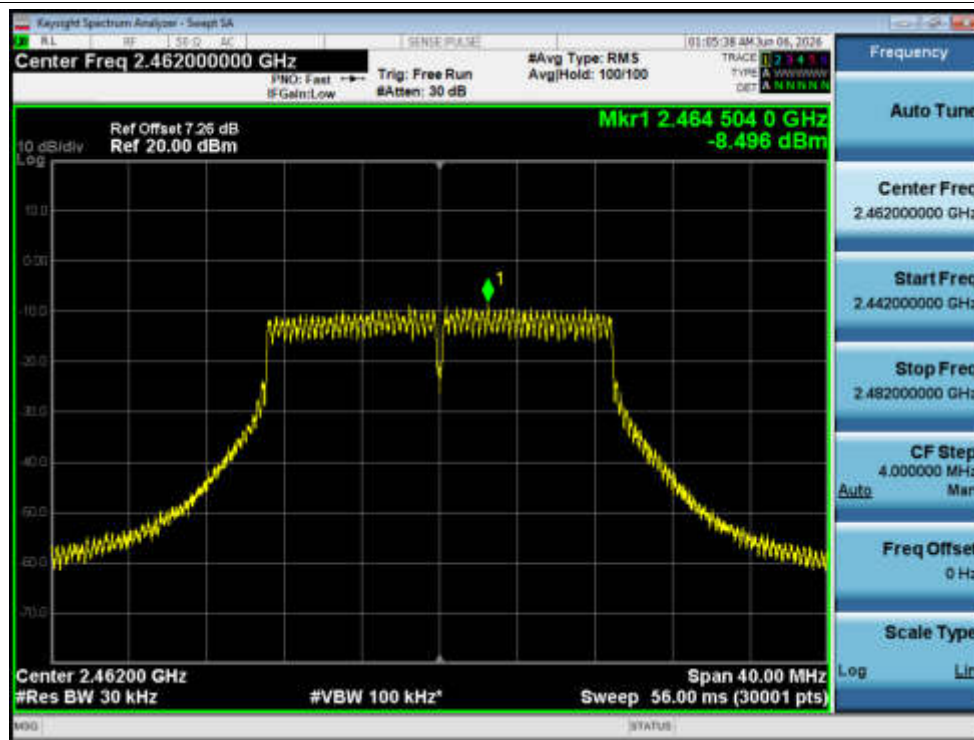
PSD NVNT g 2462MHz Ant1



PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1



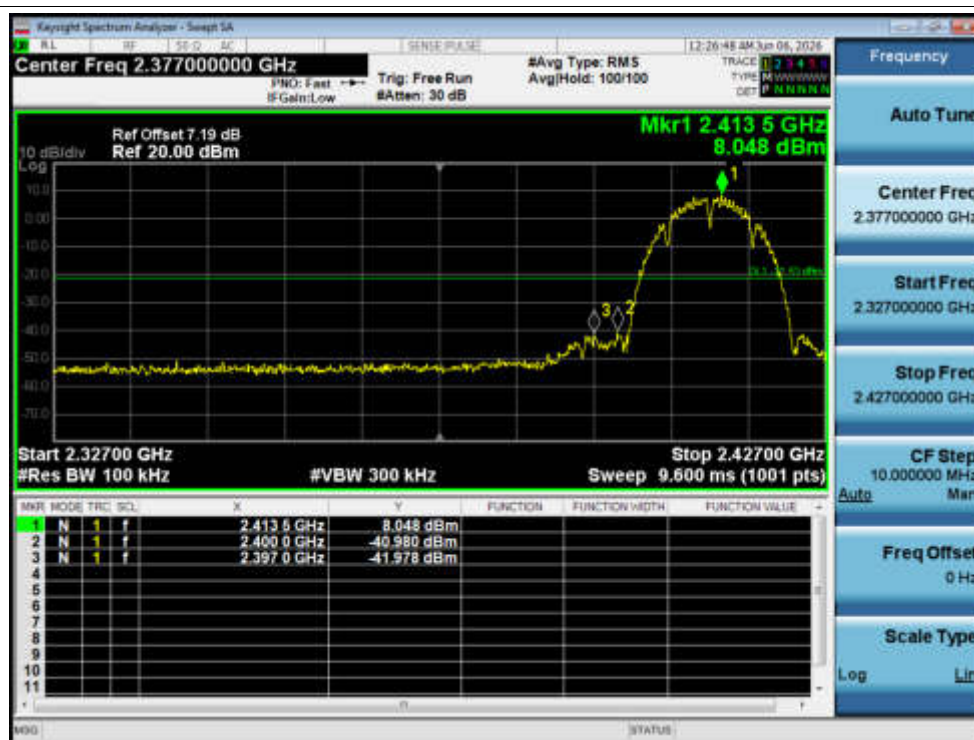
PSD NVNT n20 2462MHz Ant1

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.45	-30	Pass
NVNT	b	2462	Ant1	-58.29	-30	Pass
NVNT	g	2412	Ant1	-32.32	-30	Pass
NVNT	g	2462	Ant1	-46.63	-30	Pass
NVNT	n20	2412	Ant1	-31	-30	Pass
NVNT	n20	2462	Ant1	-45.84	-30	Pass



Band Edge NVNT b 2412MHz Ant1 Ref



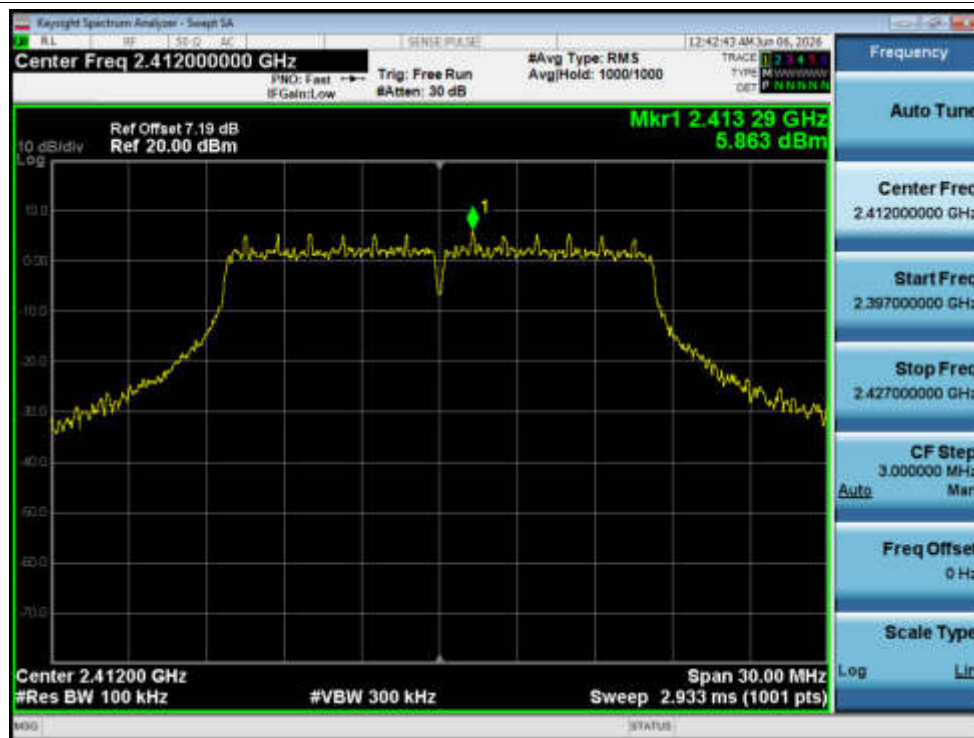
Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2462MHz Ant1 Ref



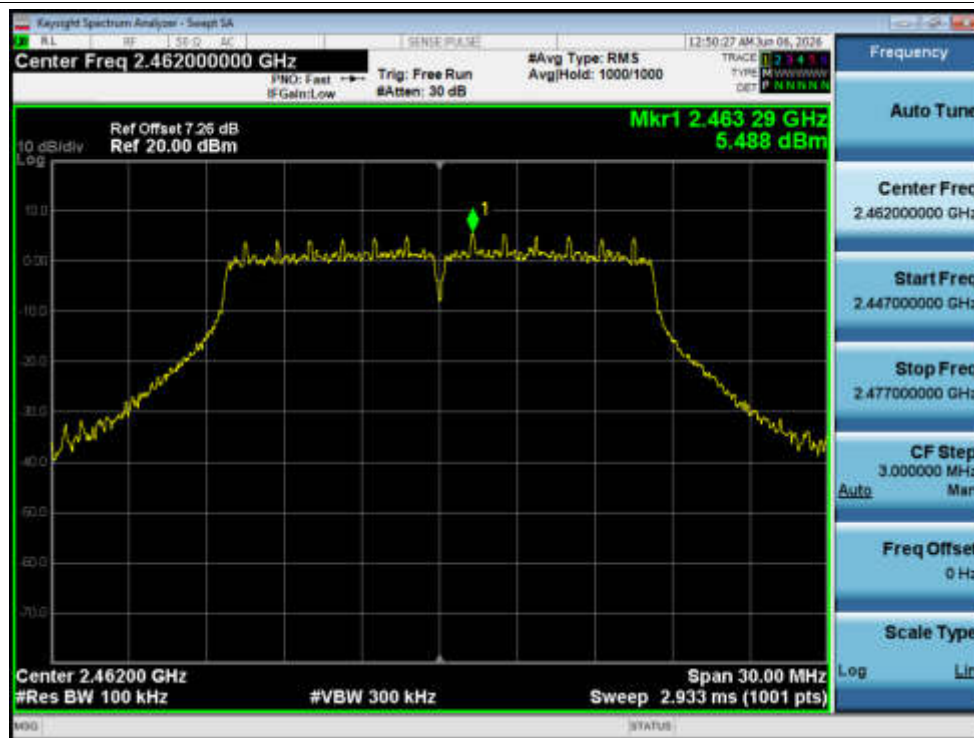
Band Edge NVNT b 2462MHz Ant1 Emission



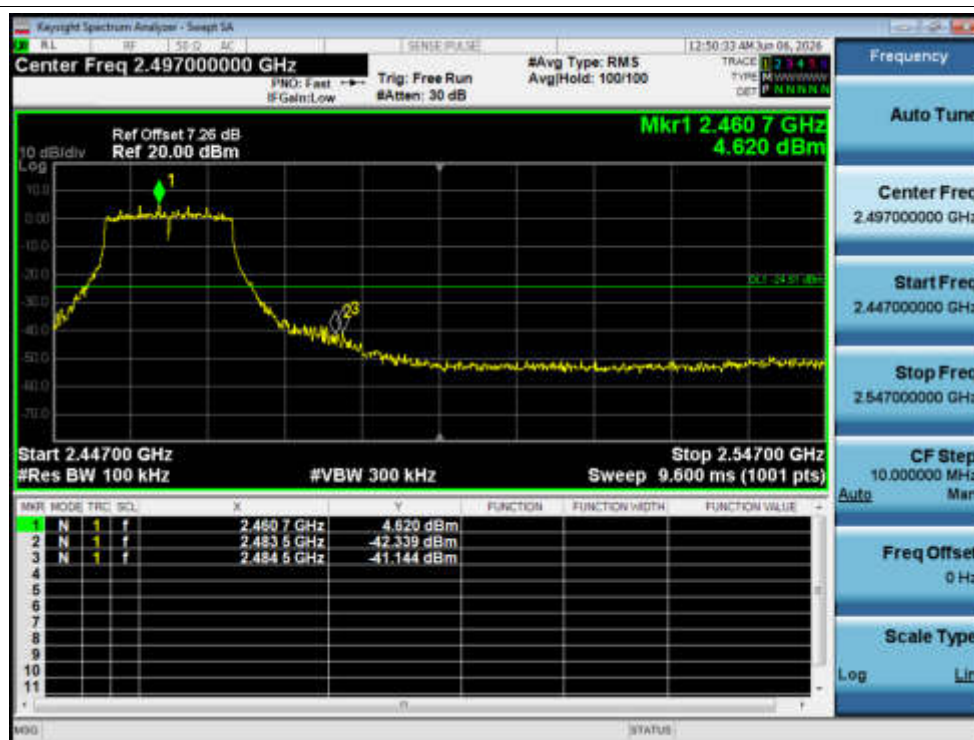
Band Edge NVNT g 2412MHz Ant1 Ref



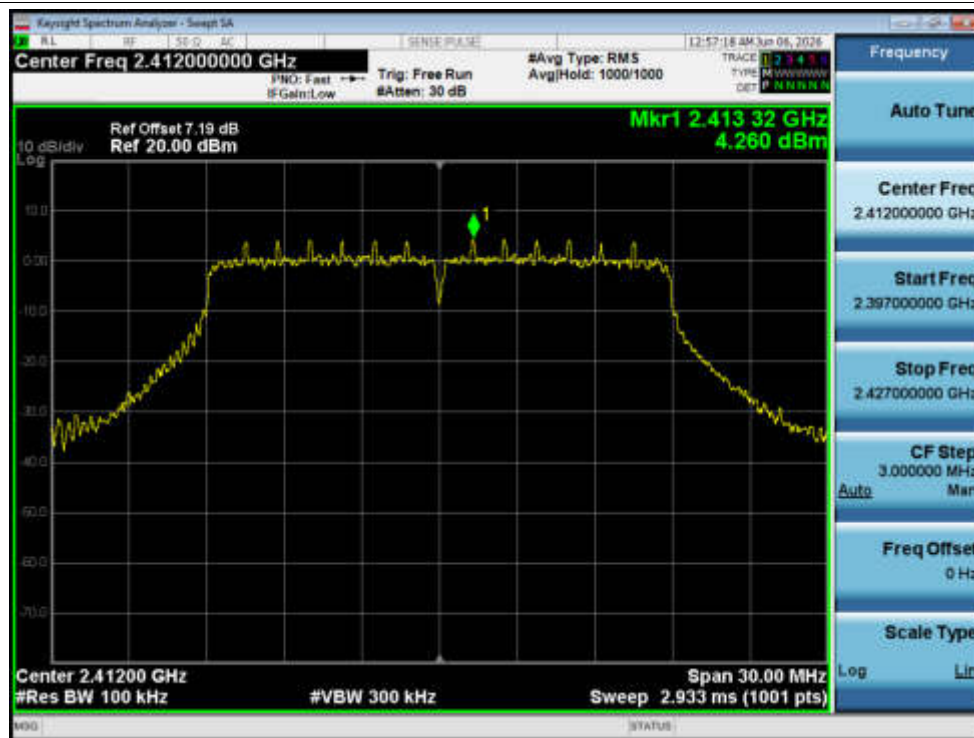
Band Edge NVNT g 2412MHz Ant1 Emission



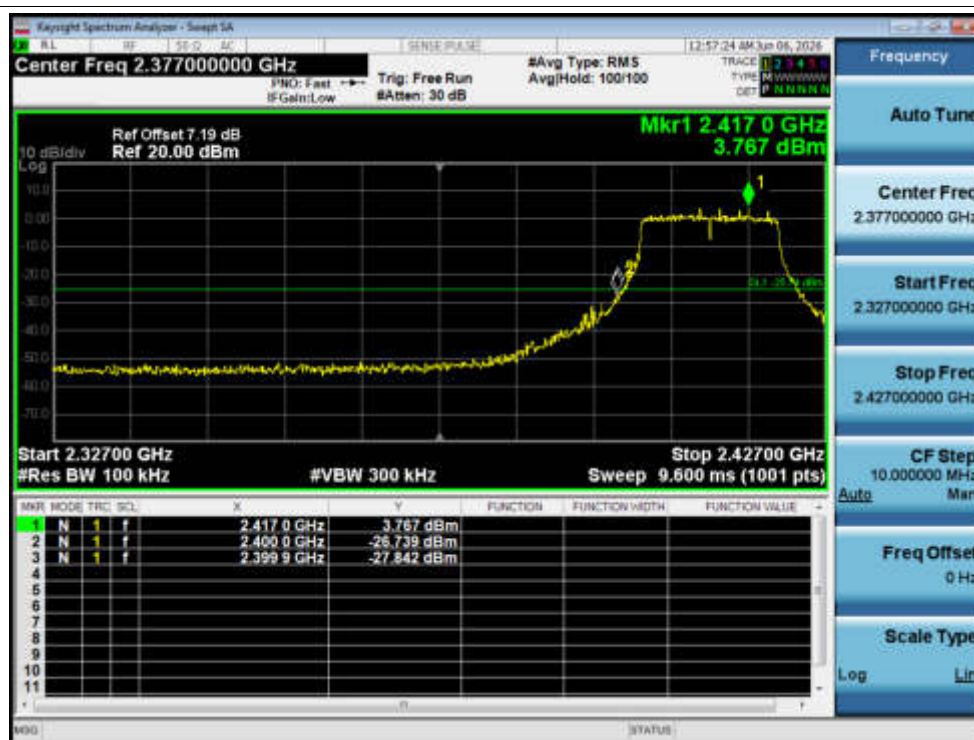
Band Edge NVNT g 2462MHz Ant1 Ref



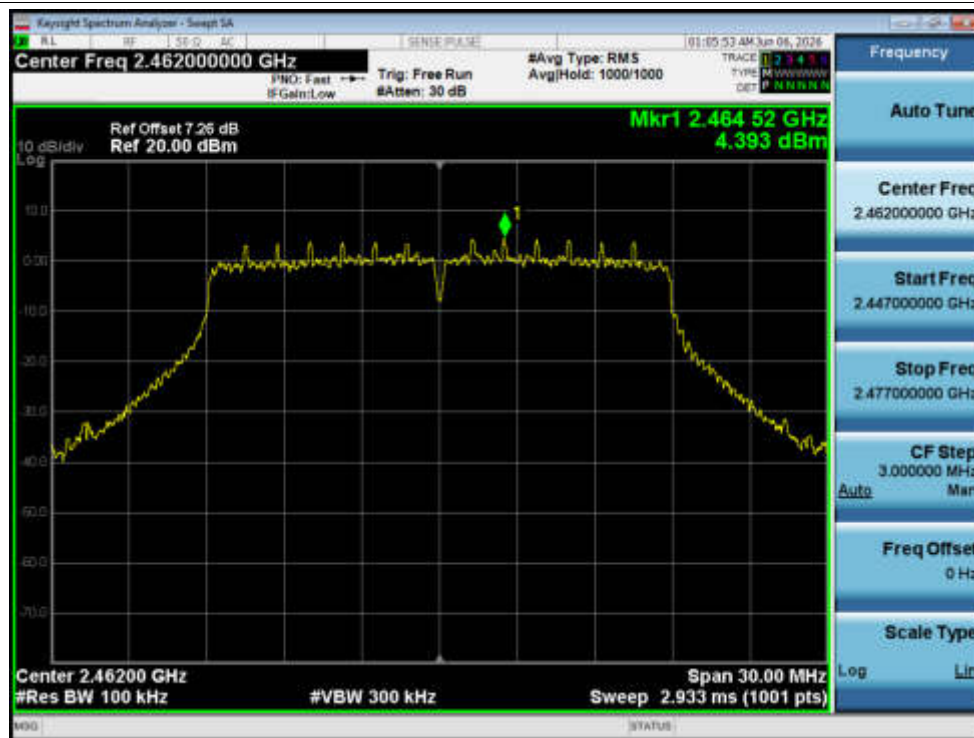
Band Edge NVNT g 2462MHz Ant1 Emission



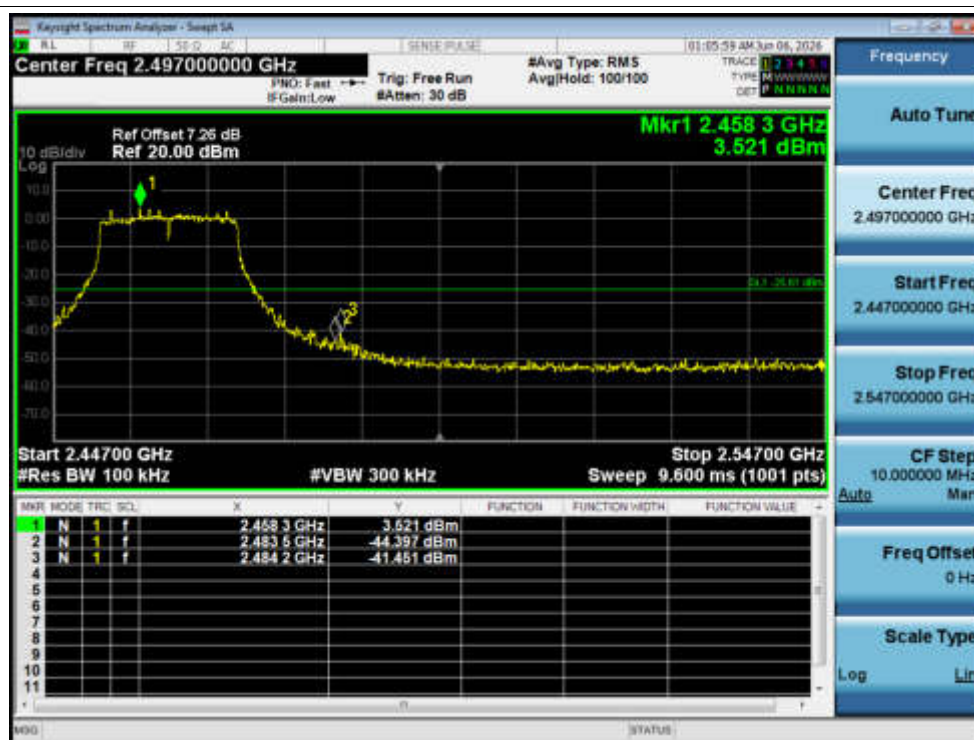
Band Edge NVNT n20 2412MHz Ant1 Ref



Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref



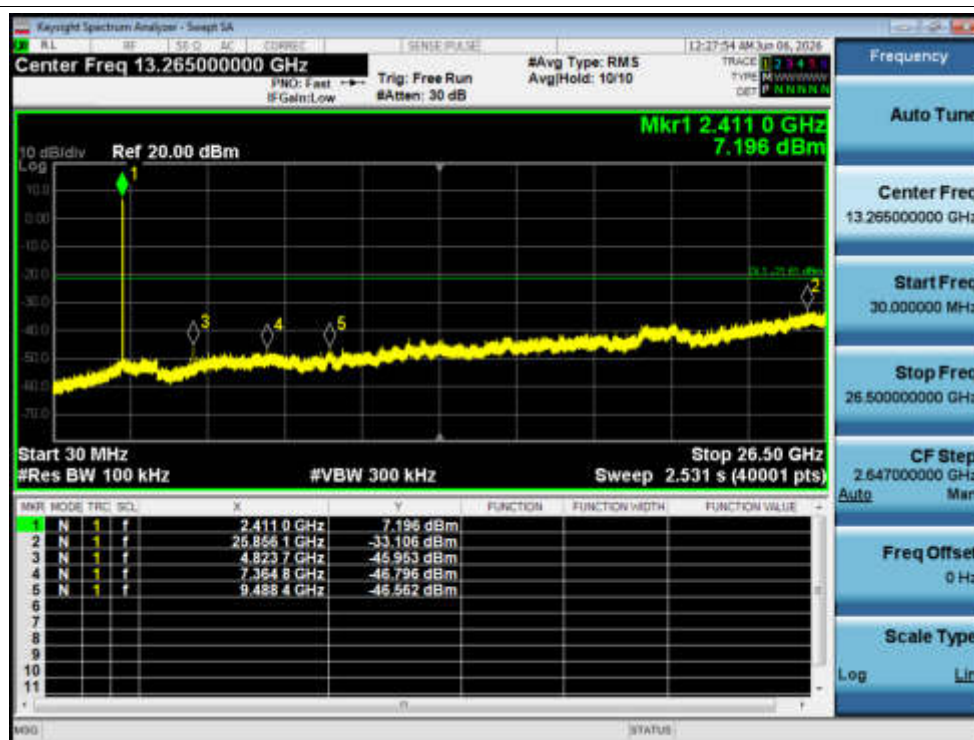
Band Edge NVNT n20 2462MHz Ant1 Emission

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-41.5	-30	Pass
NVNT	b	2437	Ant1	-41.89	-30	Pass
NVNT	b	2462	Ant1	-41.73	-30	Pass
NVNT	g	2412	Ant1	-38.59	-30	Pass
NVNT	g	2437	Ant1	-38.52	-30	Pass
NVNT	g	2462	Ant1	-37.73	-30	Pass
NVNT	n20	2412	Ant1	-37.43	-30	Pass
NVNT	n20	2437	Ant1	-37.81	-30	Pass
NVNT	n20	2462	Ant1	-36.22	-30	Pass



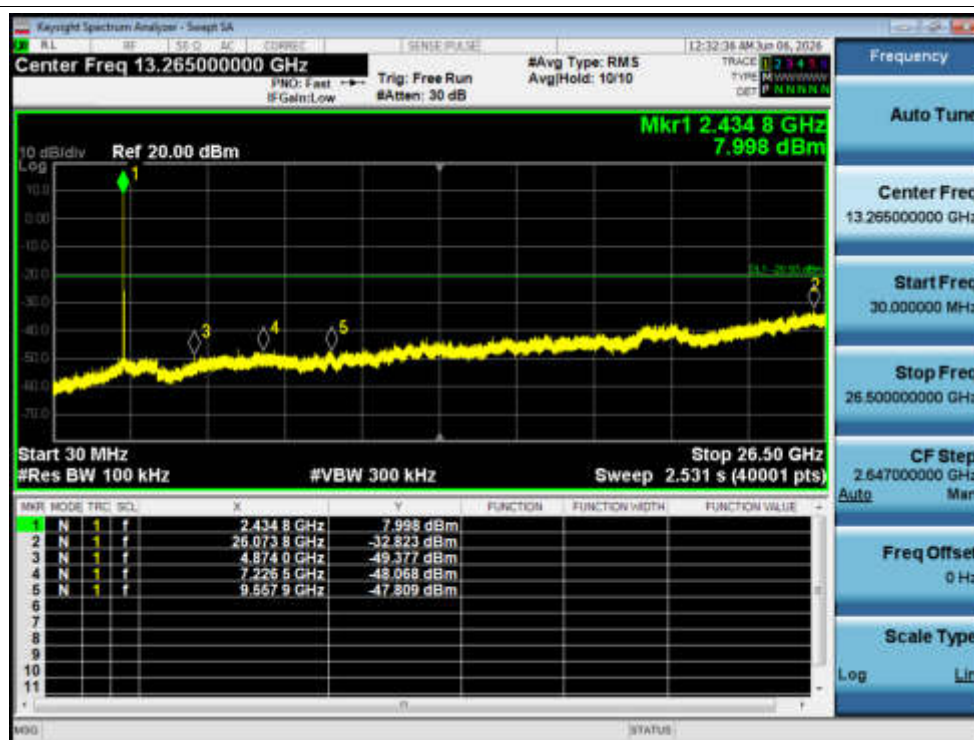
Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



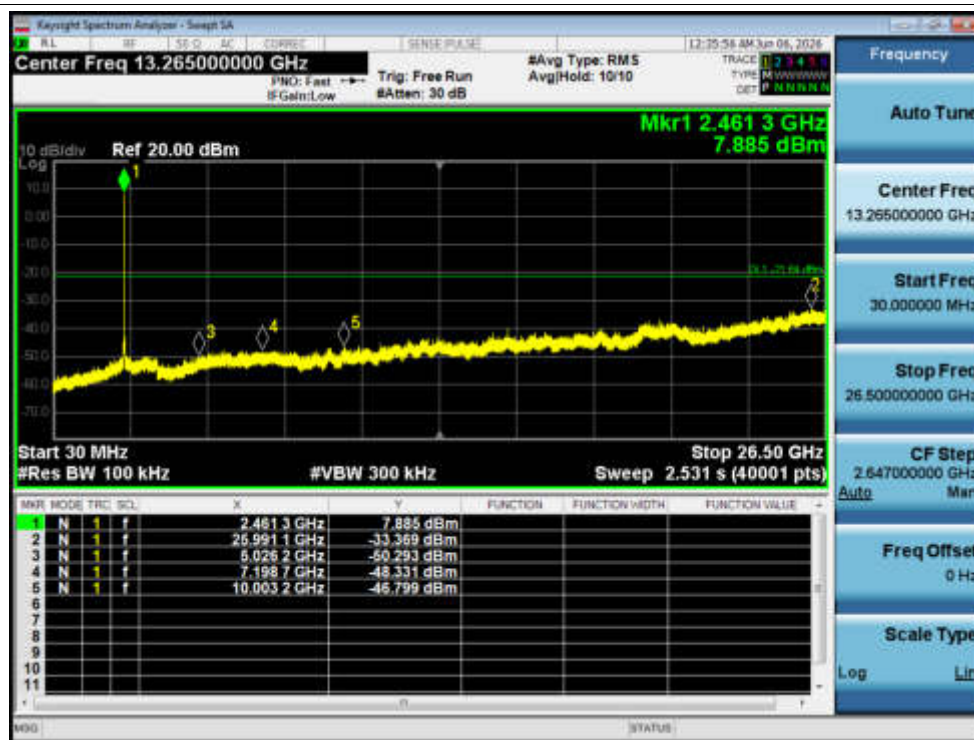
Tx. Spurious NVNT b 2437MHz Ant1 Ref



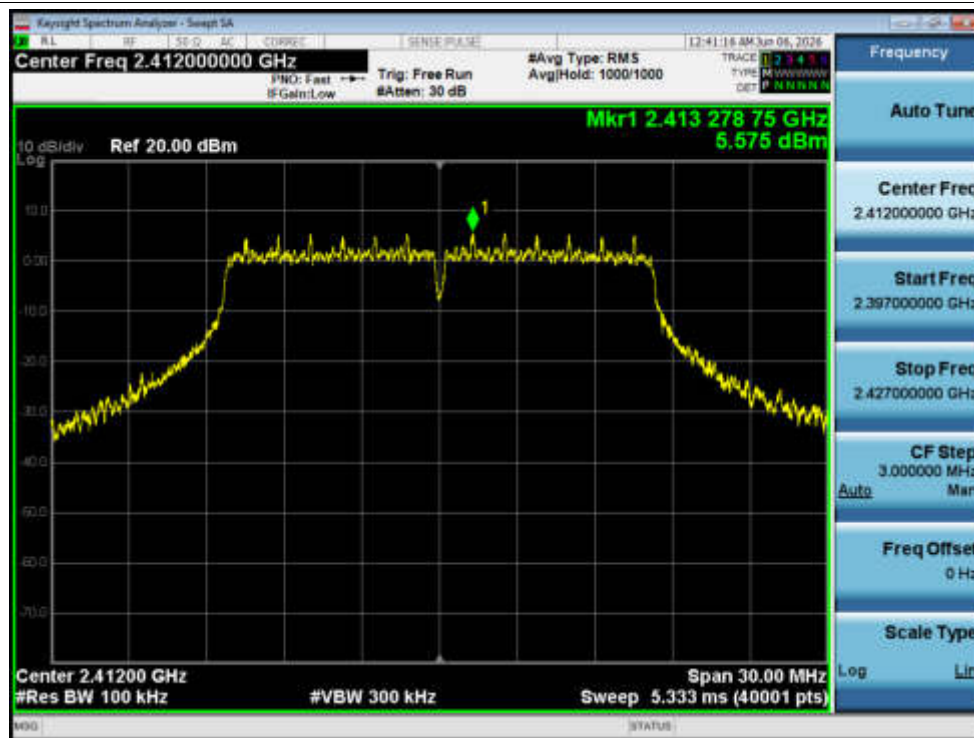
Tx. Spurious NVNT b 2437MHz Ant1 Emission



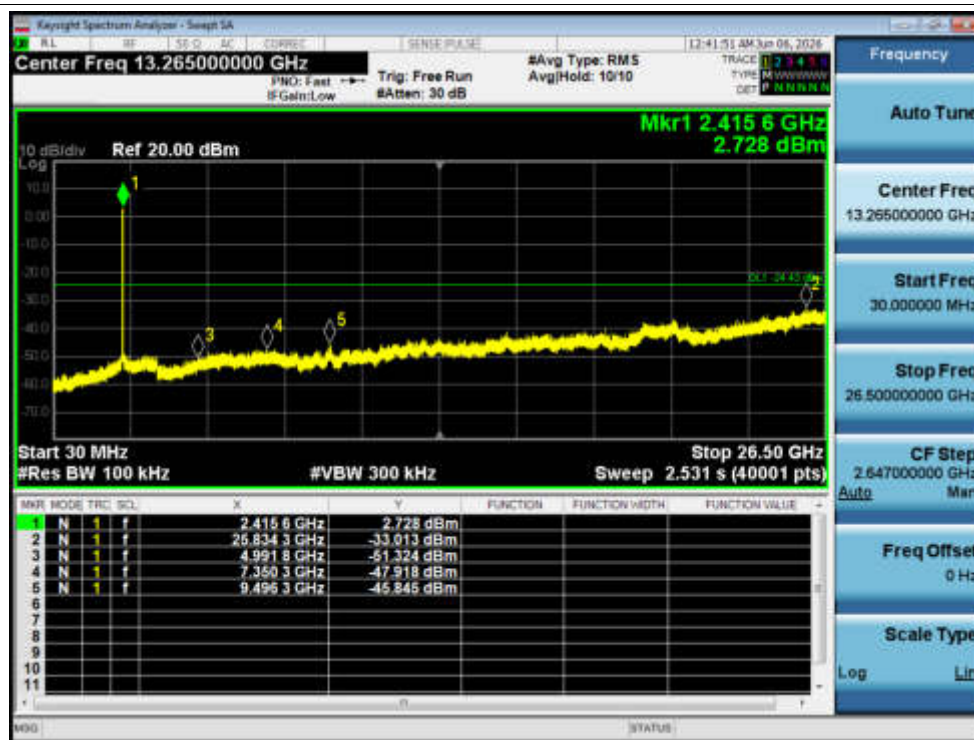
Tx. Spurious NVNT b 2462MHz Ant1 Ref



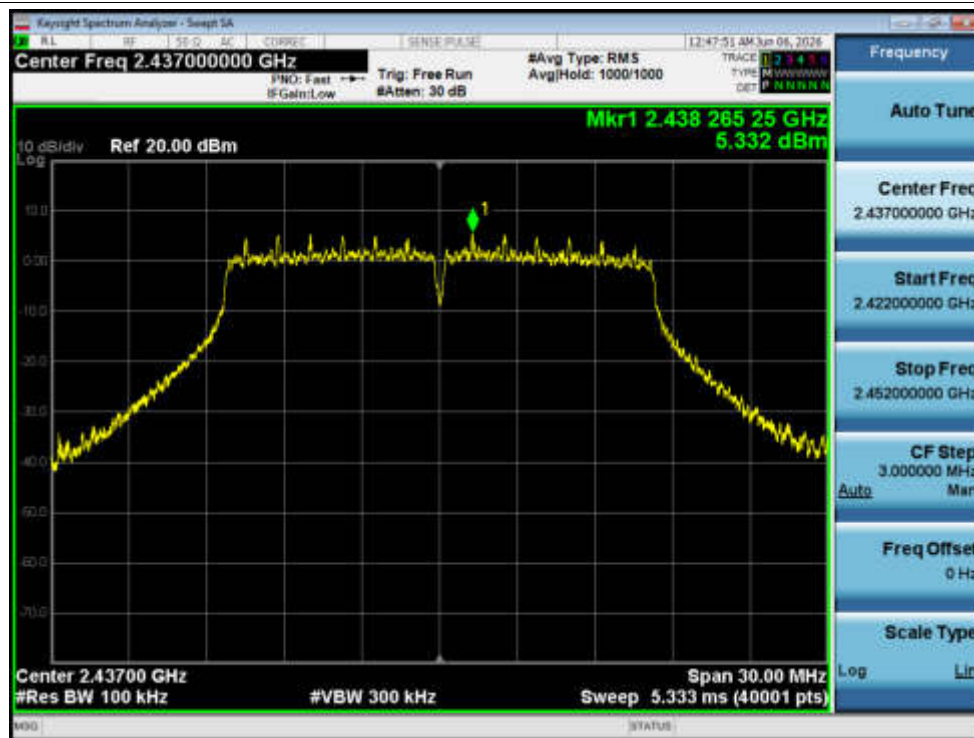
Tx. Spurious NVNT b 2462MHz Ant1 Emission



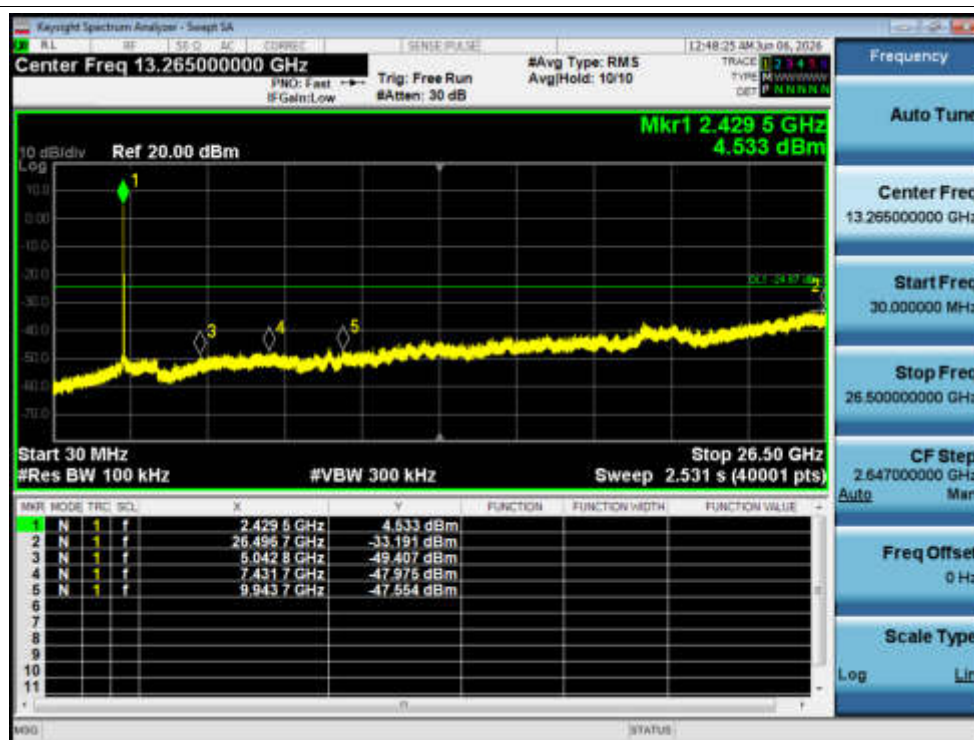
Tx. Spurious NVNT g 2412MHz Ant1 Ref



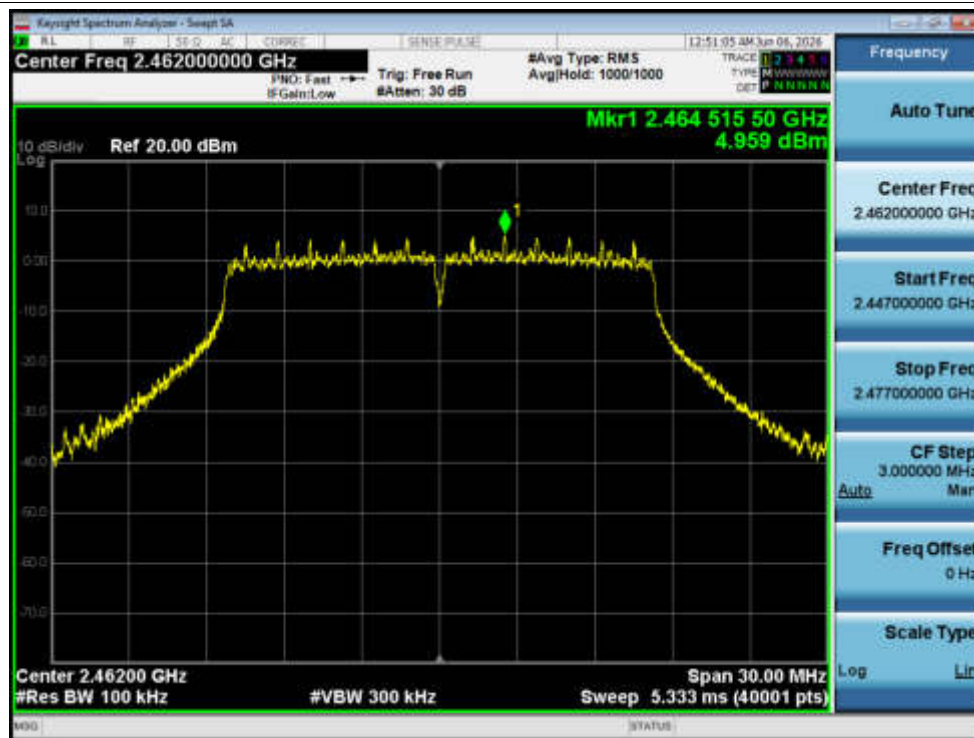
Tx. Spurious NVNT g 2412MHz Ant1 Emission



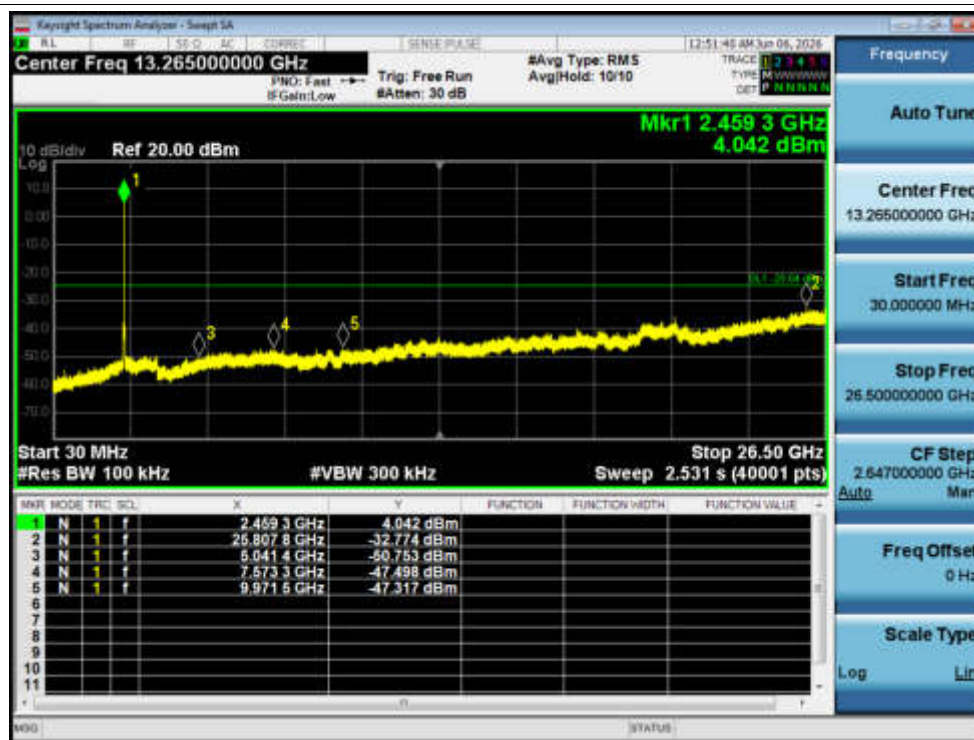
Tx. Spurious NVNT g 2437MHz Ant1 Ref



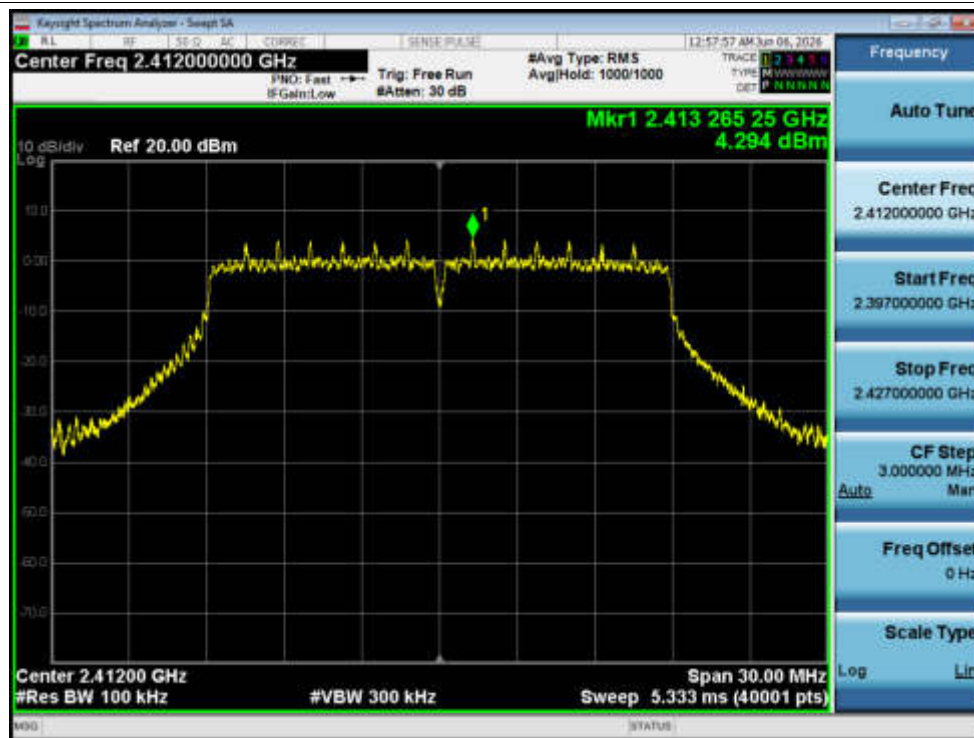
Tx. Spurious NVNT g 2437MHz Ant1 Emission



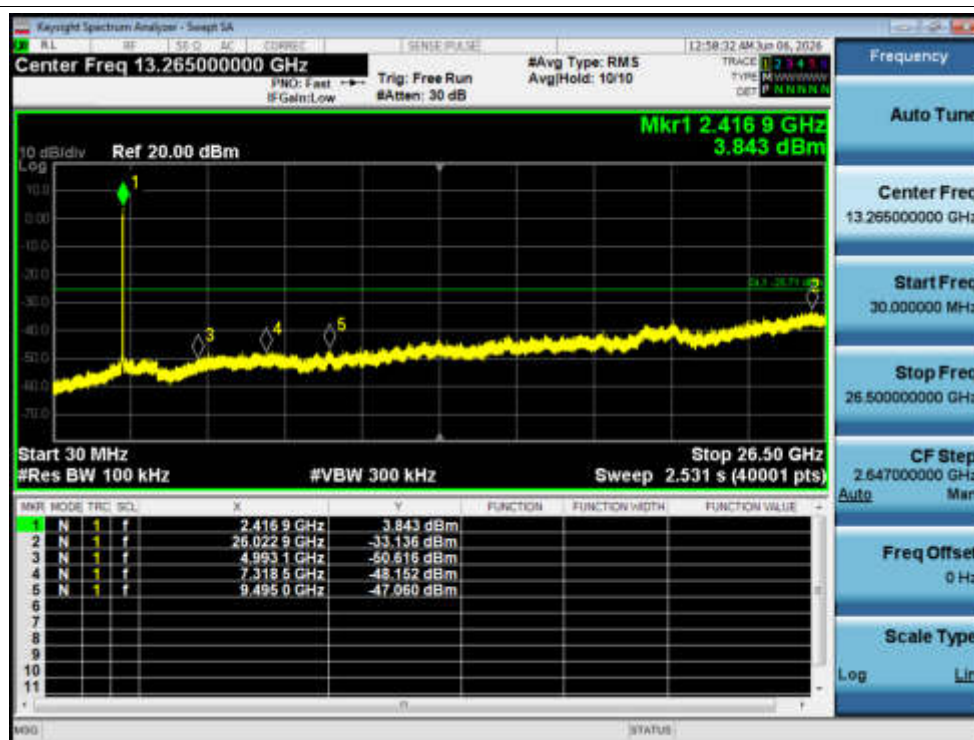
Tx. Spurious NVNT g 2462MHz Ant1 Ref



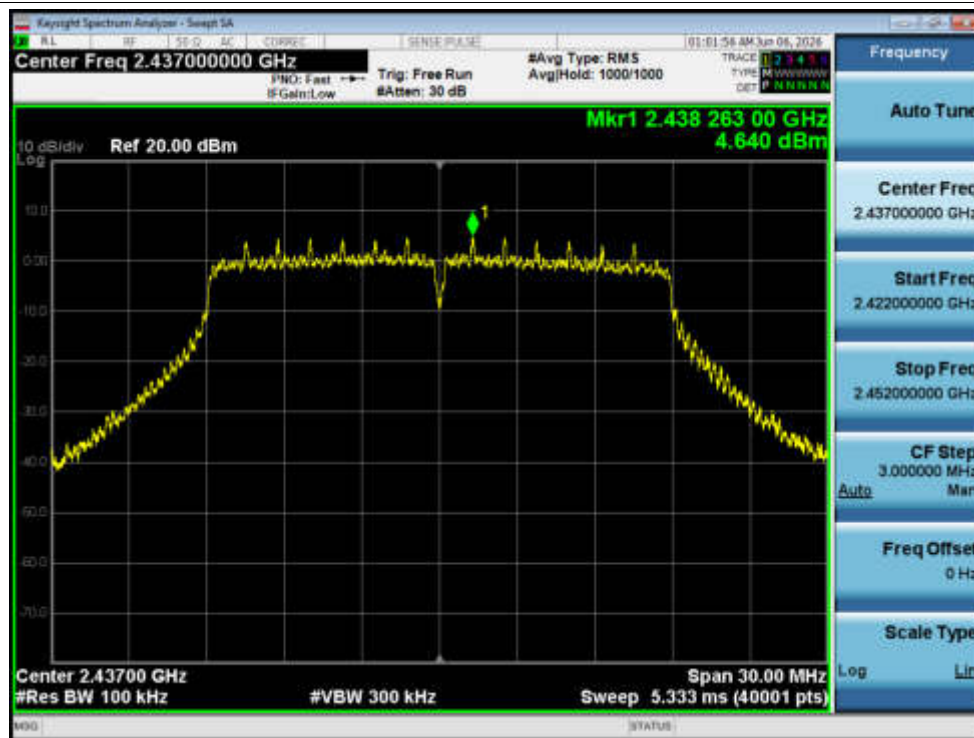
Tx. Spurious NVNT g 2462MHz Ant1 Emission



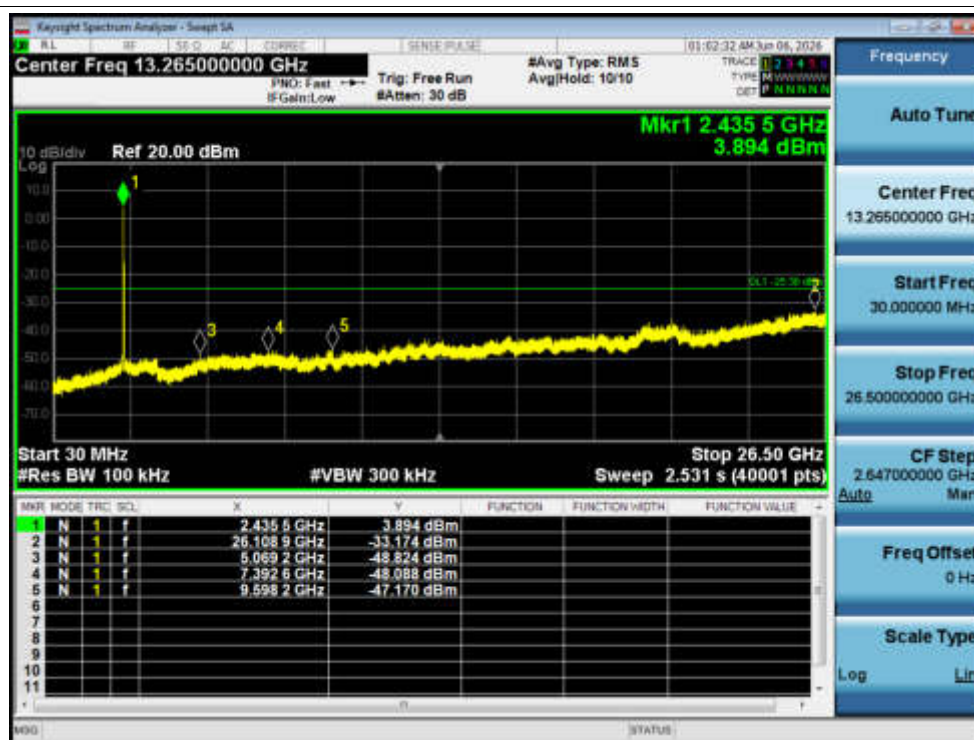
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



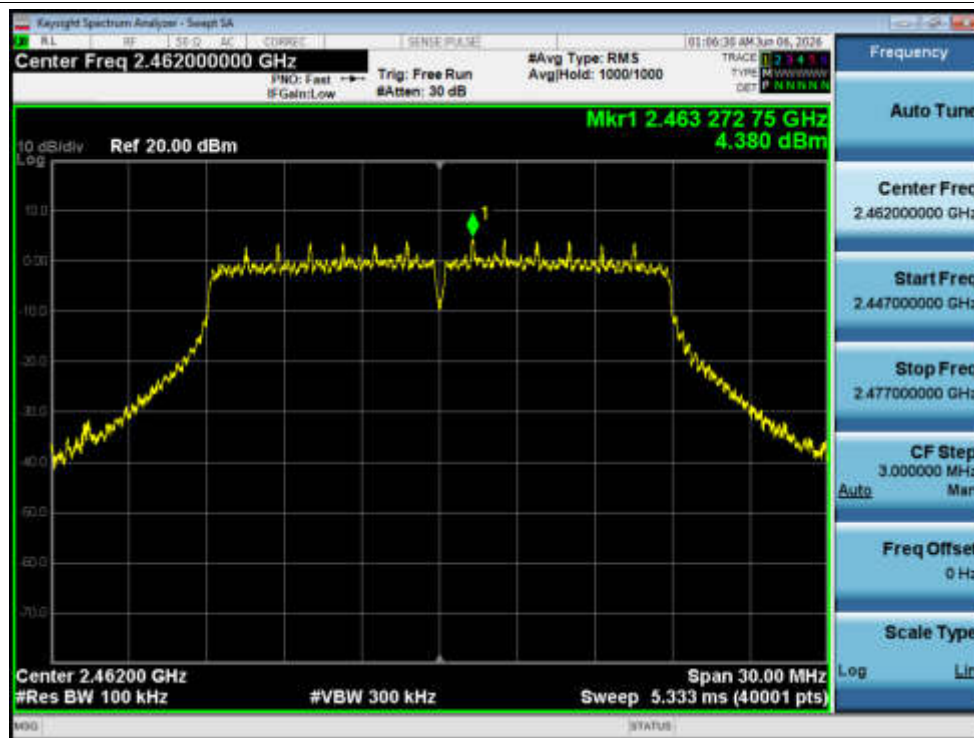
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



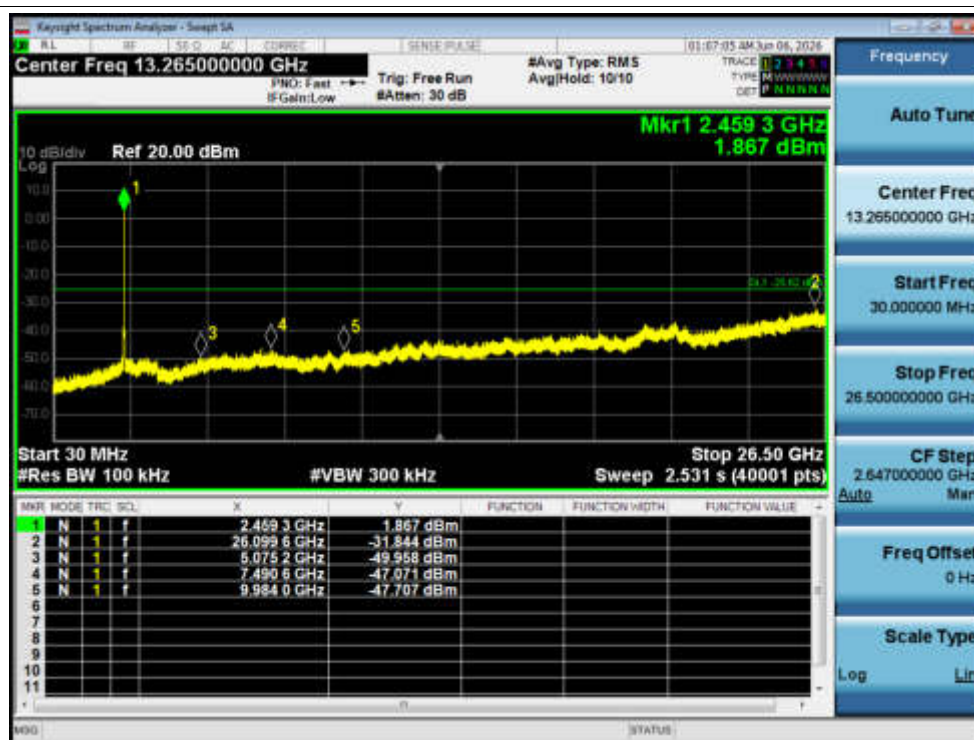
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission