

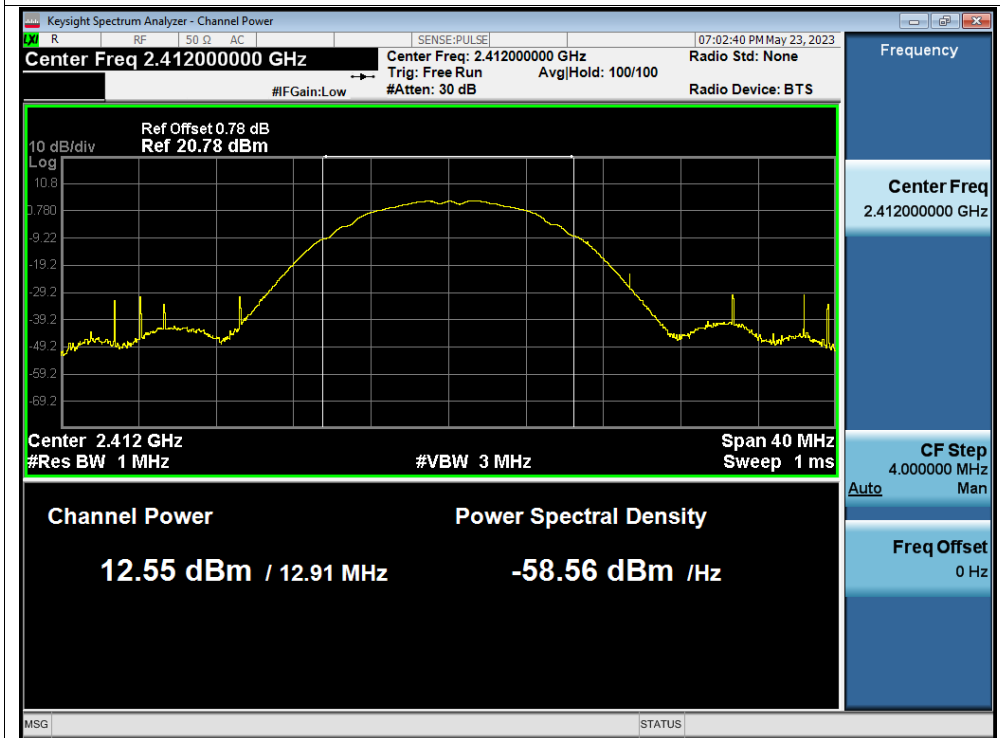
## Appendix B:

### Maximum Conducted Output Power

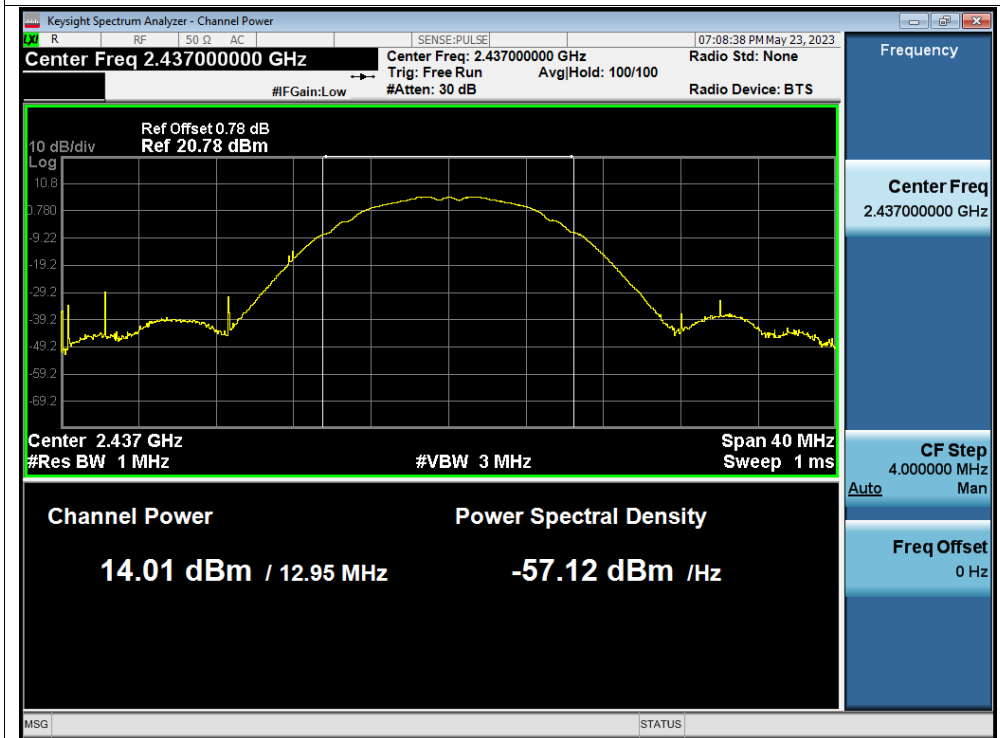
Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
b	2412	12.55	0	12.55	16.09	36	Pass
b	2437	14.01	0	14.01	17.55	36	Pass
b	2462	14.08	0	14.08	17.62	36	Pass
g	2412	16.07	0	16.07	19.61	36	Pass
g	2437	16.44	0	16.44	19.98	36	Pass
g	2462	20.39	0	20.39	23.93	36	Pass
n20	2412	16.18	0	16.18	19.72	36	Pass
n20	2437	16.38	0	16.38	19.92	36	Pass
n20	2462	16.78	0	16.78	20.32	36	Pass

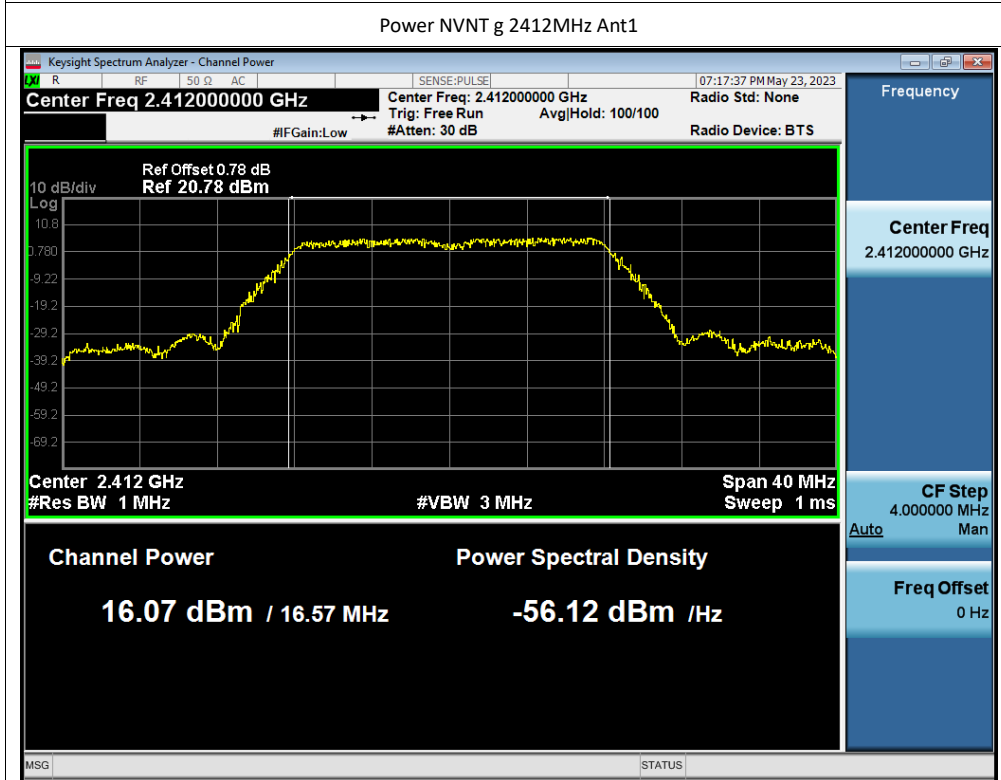
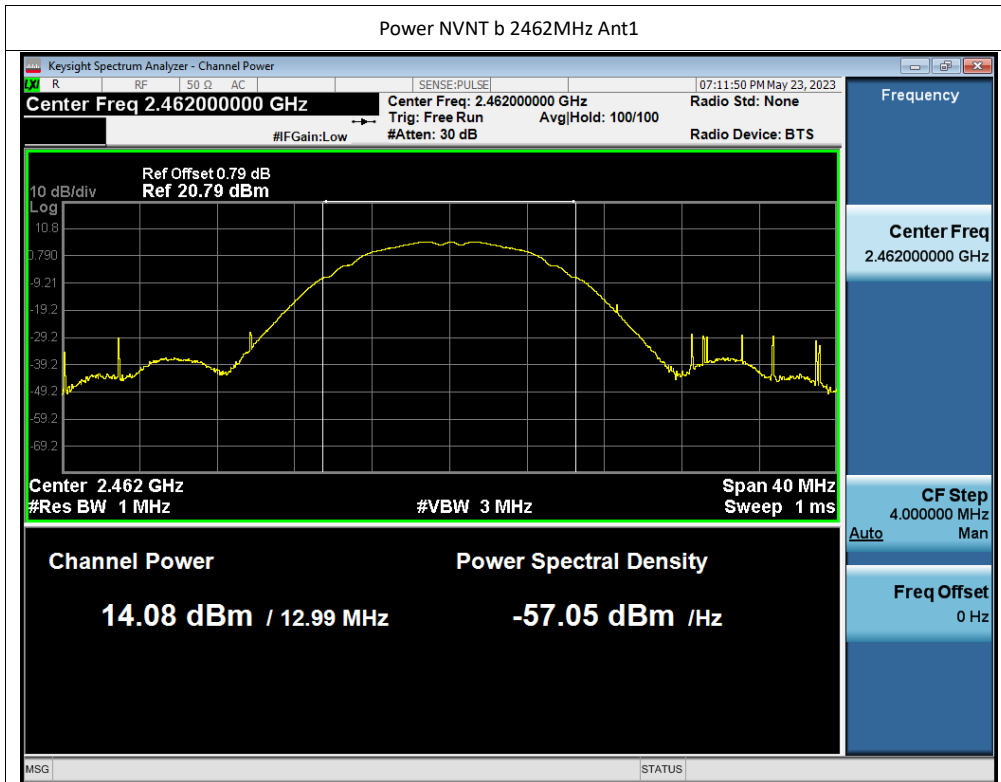
Test Graphs

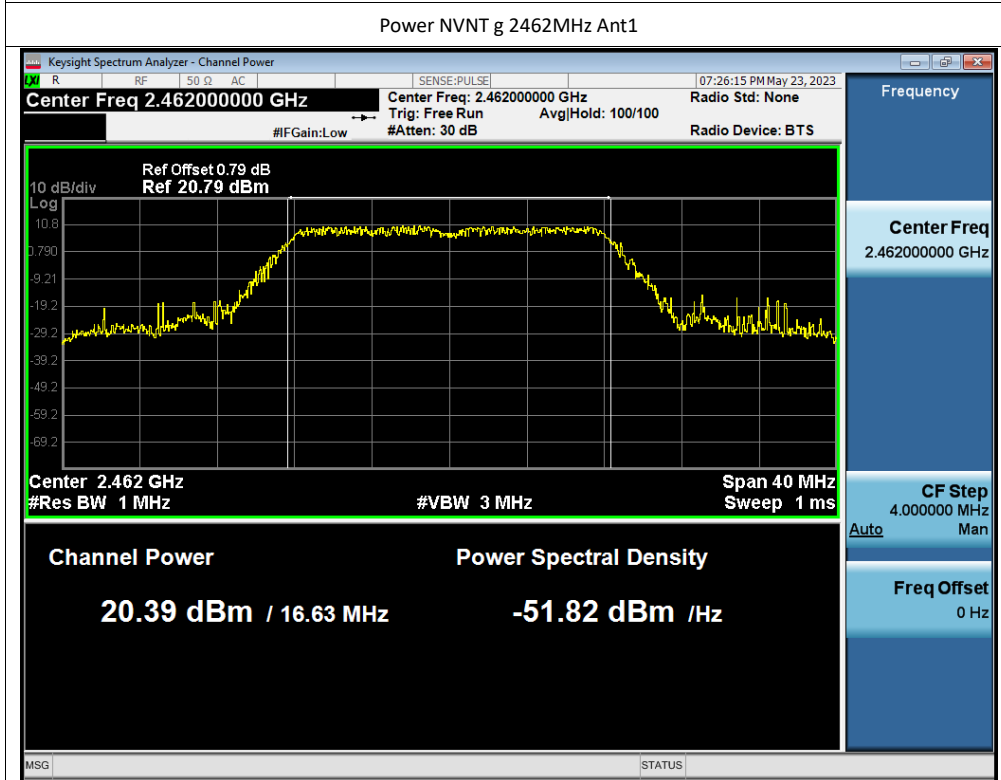
Power NVNT b 2412MHz Ant1

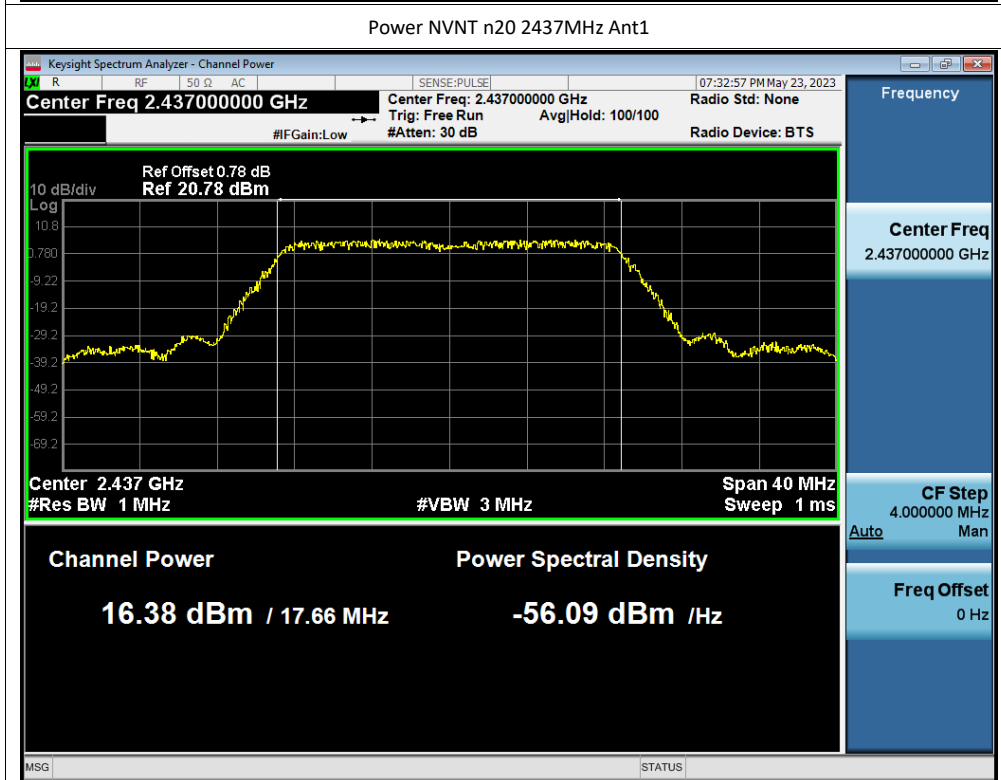
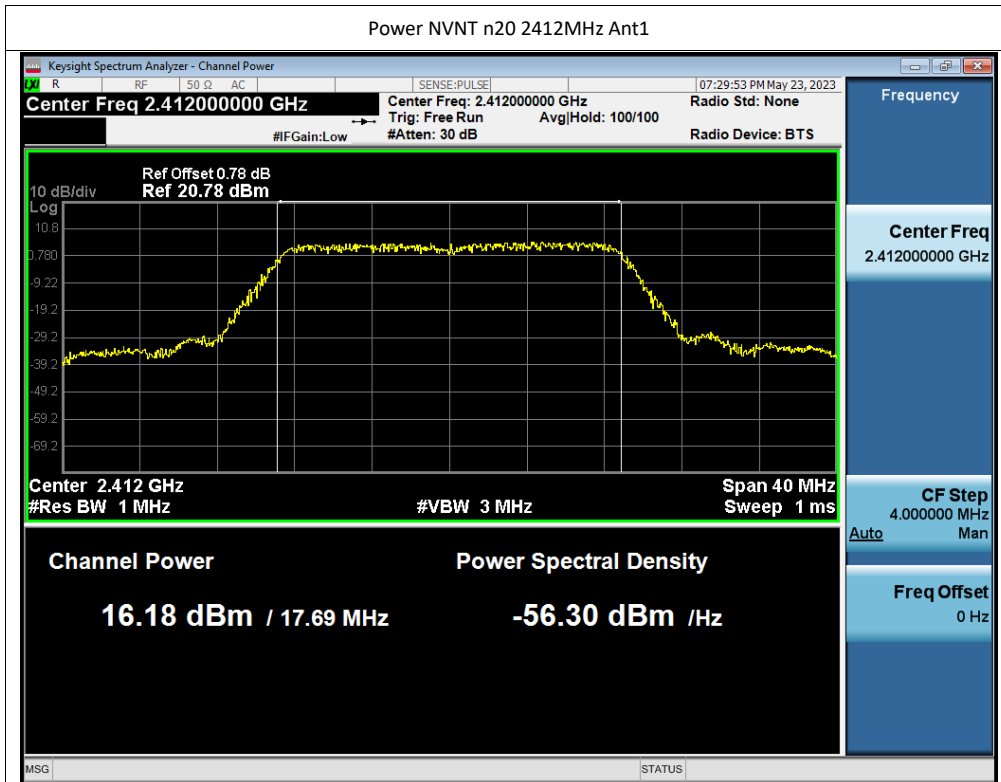


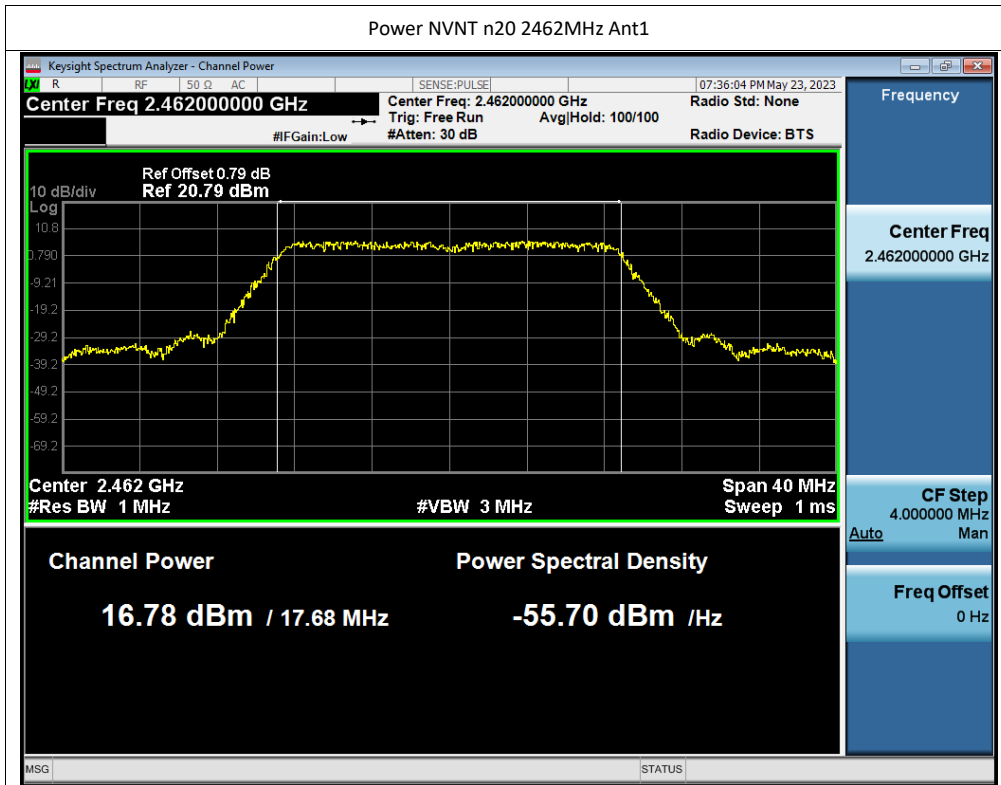
Power NVNT b 2437MHz Ant1











## -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.044	0.5	Pass
NVNT	b	2437	Ant1	8.001	0.5	Pass
NVNT	b	2462	Ant1	8.037	0.5	Pass
NVNT	g	2412	Ant1	16.468	0.5	Pass
NVNT	g	2437	Ant1	16.344	0.5	Pass
NVNT	g	2462	Ant1	16.332	0.5	Pass
NVNT	n20	2412	Ant1	17.522	0.5	Pass
NVNT	n20	2437	Ant1	17.545	0.5	Pass
NVNT	n20	2462	Ant1	17.565	0.5	Pass

Test Graphs

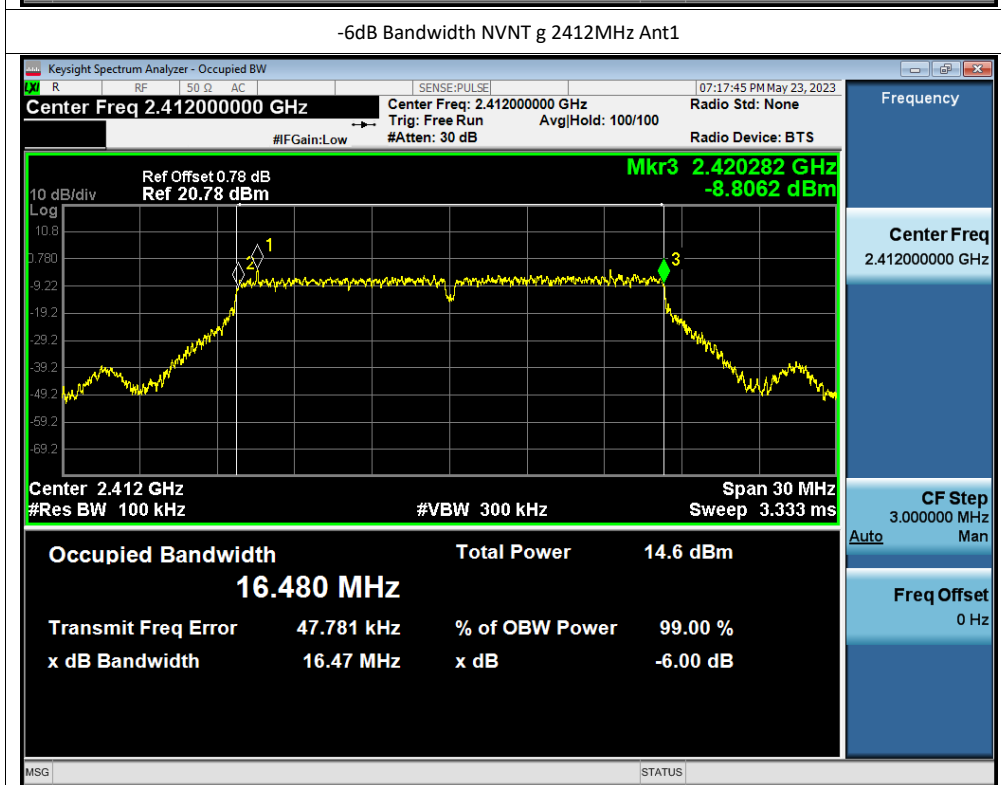
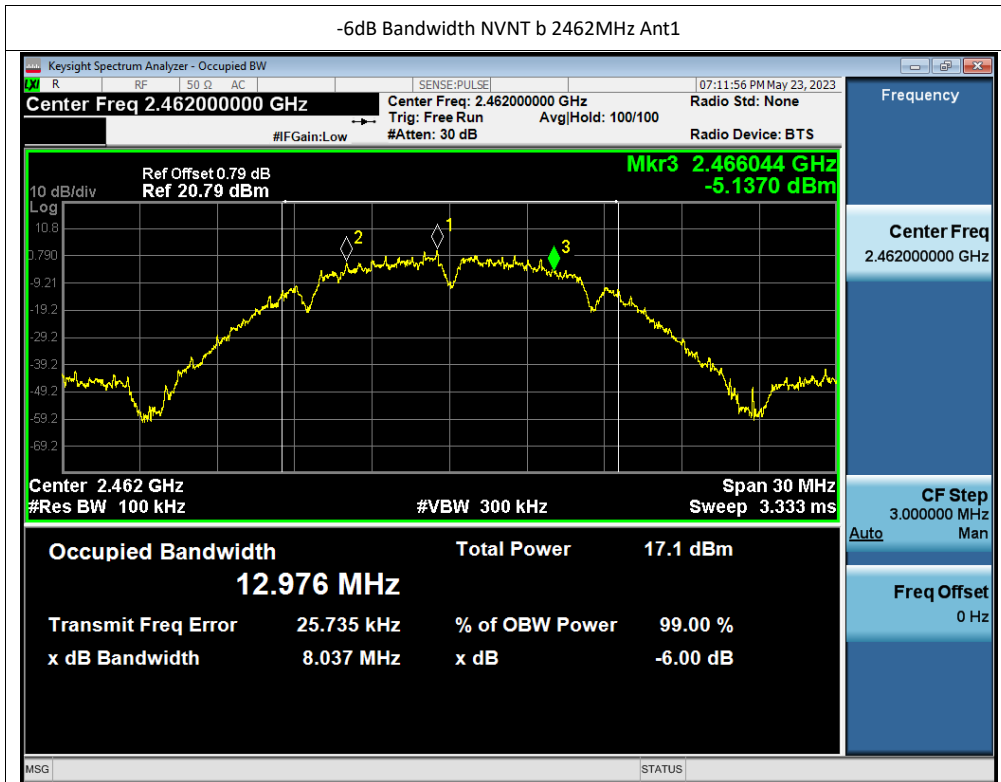
-6dB Bandwidth NVNT b 2412MHz Ant1

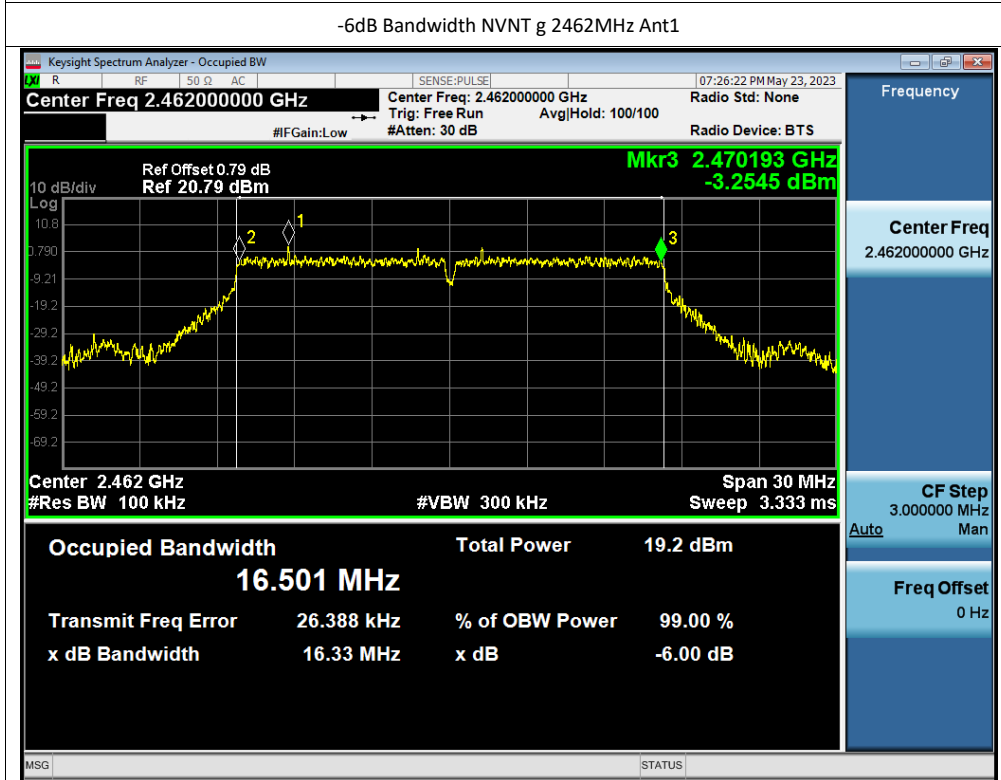
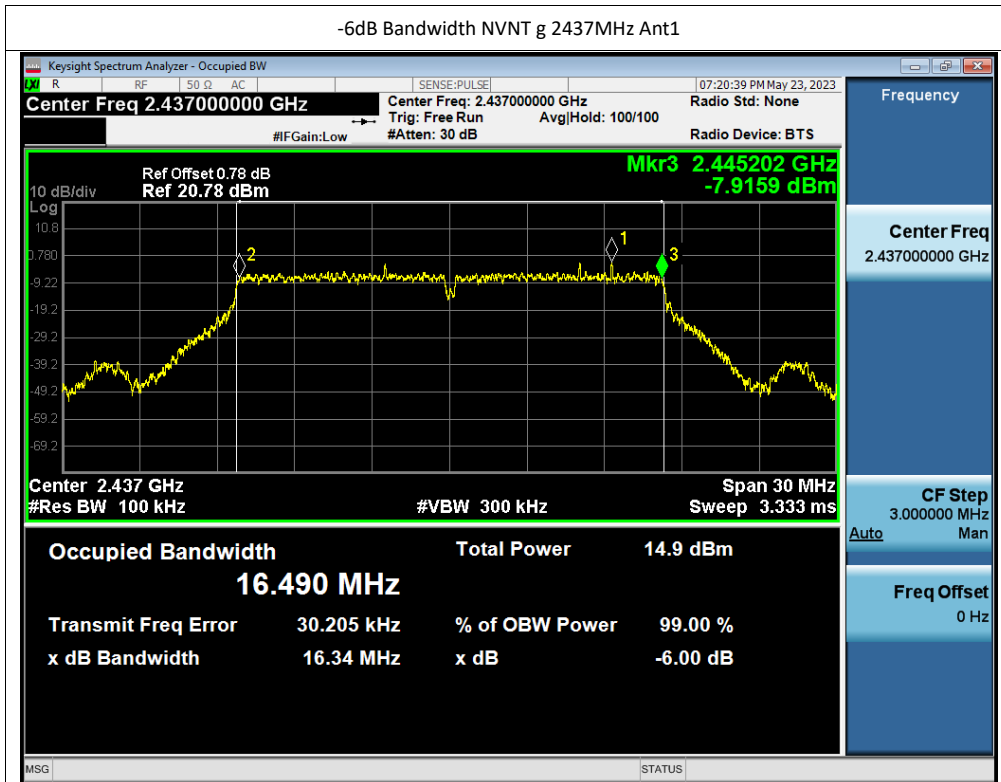


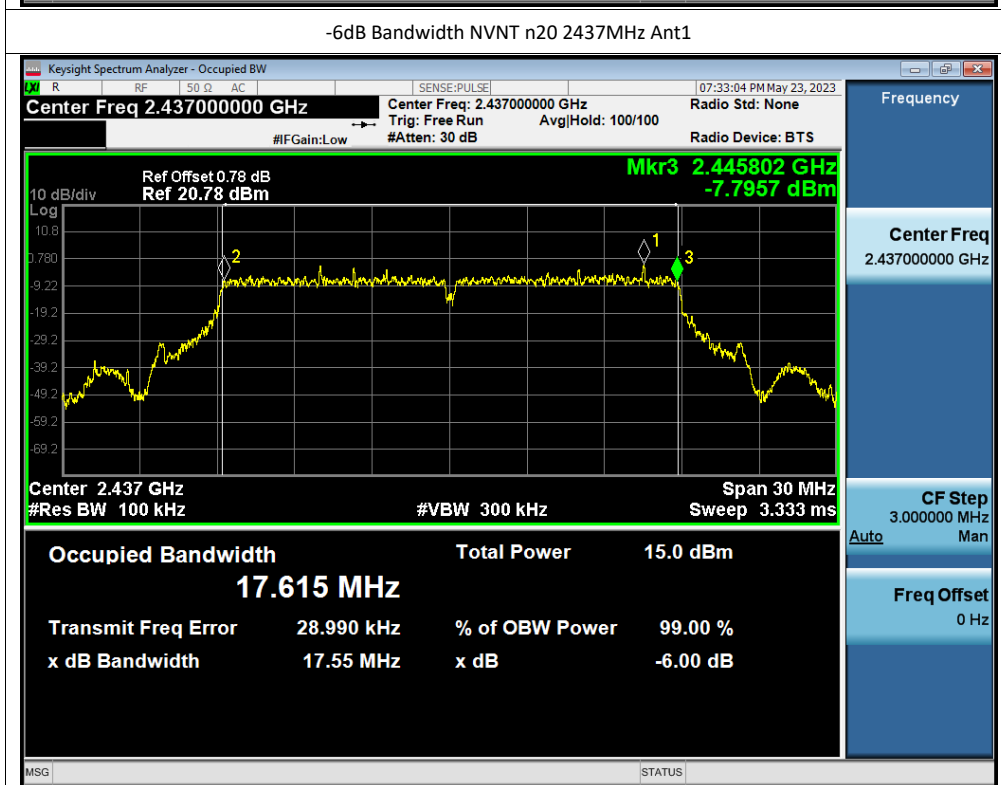
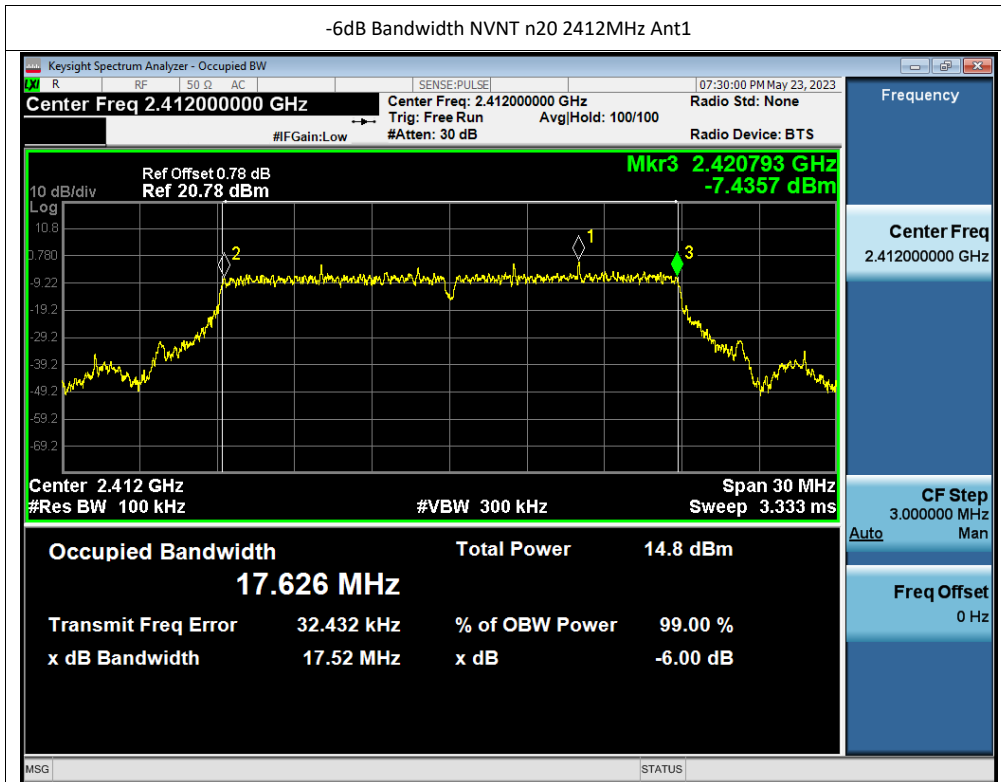
-6dB Bandwidth NVNT b 2437MHz Ant1

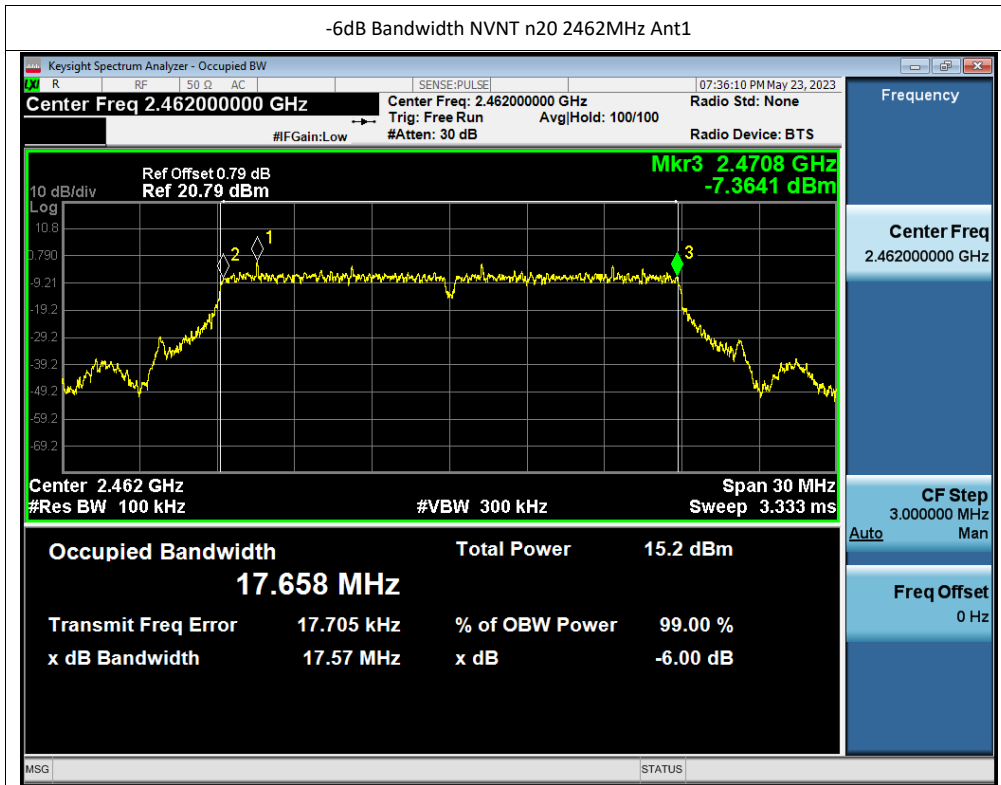












## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.903
NVNT	b	2437	Ant1	12.942
NVNT	b	2462	Ant1	13.007
NVNT	g	2412	Ant1	17.158
NVNT	g	2437	Ant1	17.159
NVNT	g	2462	Ant1	17.139
NVNT	n20	2412	Ant1	18.074
NVNT	n20	2437	Ant1	18.084
NVNT	n20	2462	Ant1	18.156

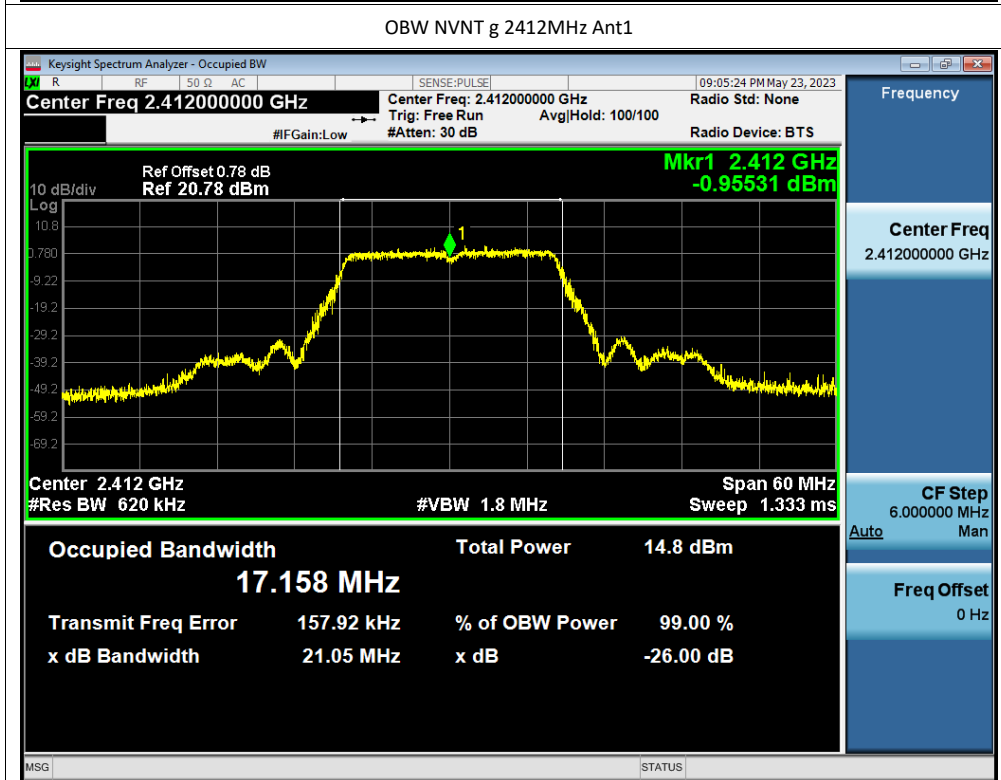
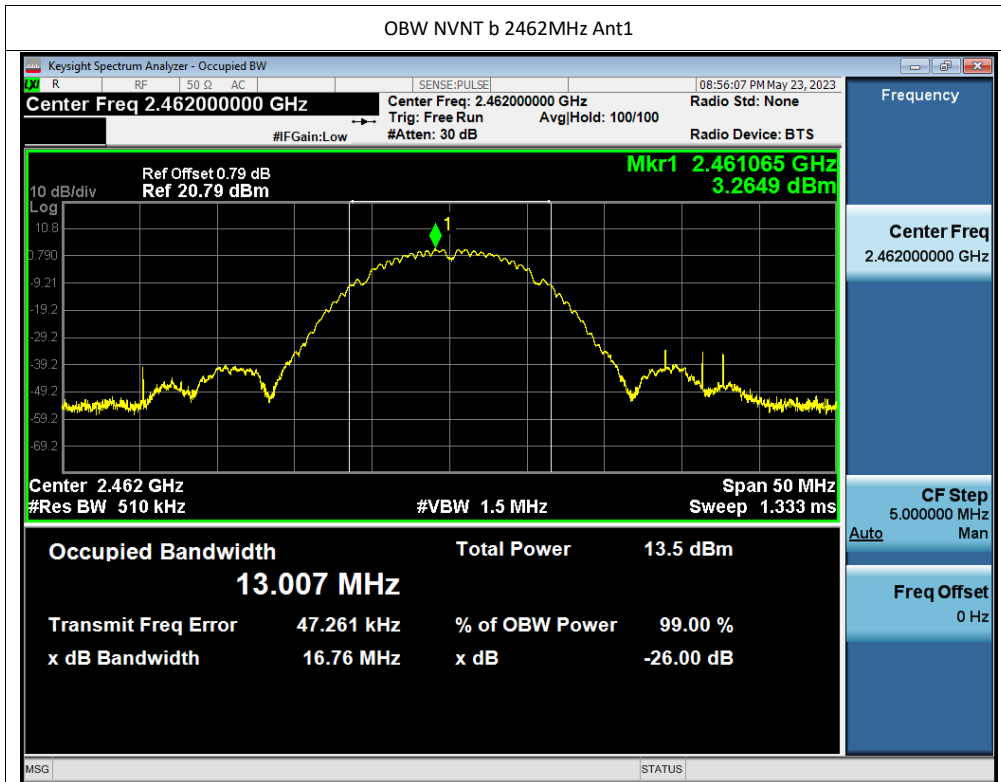
Test Graphs

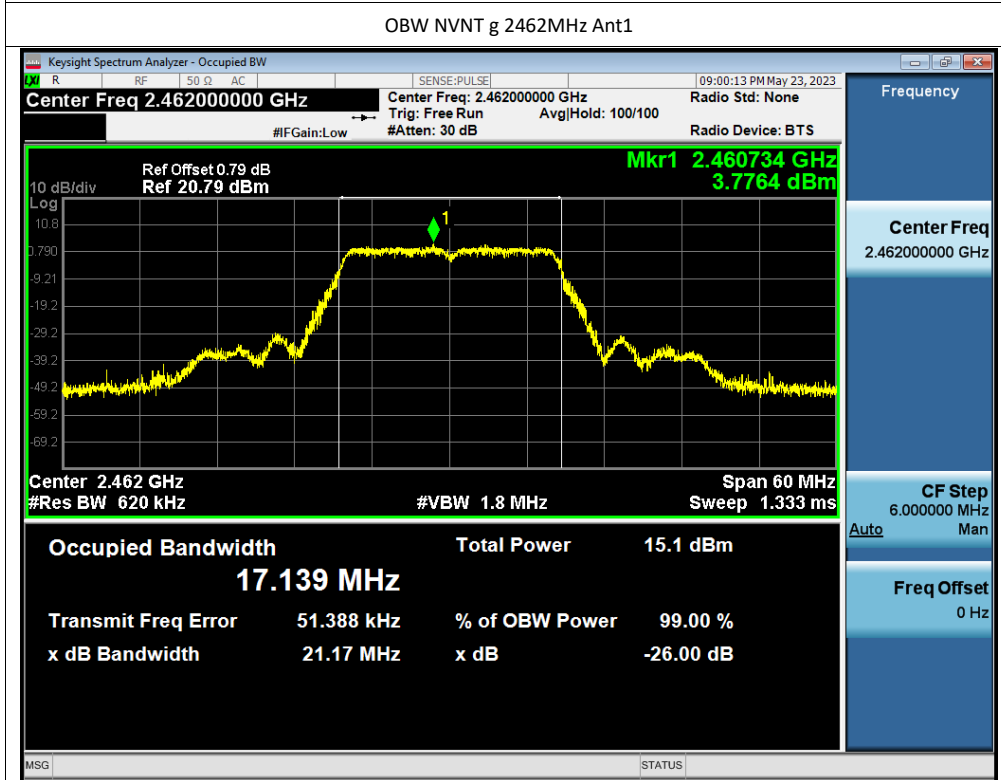
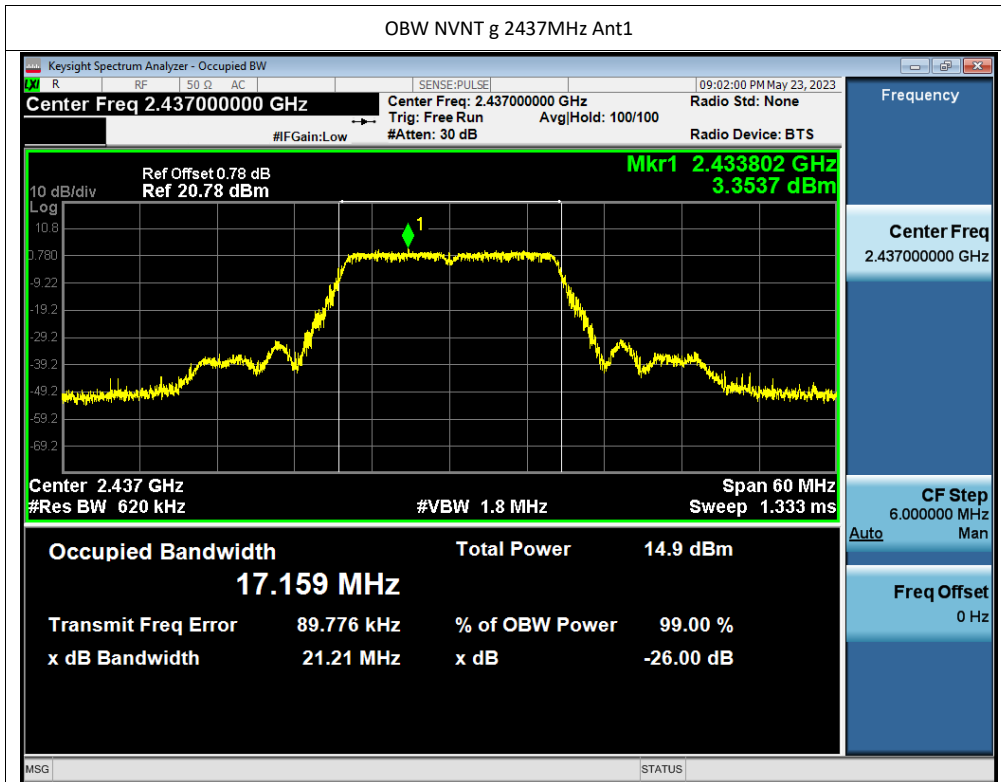
OBW NVNT b 2412MHz Ant1



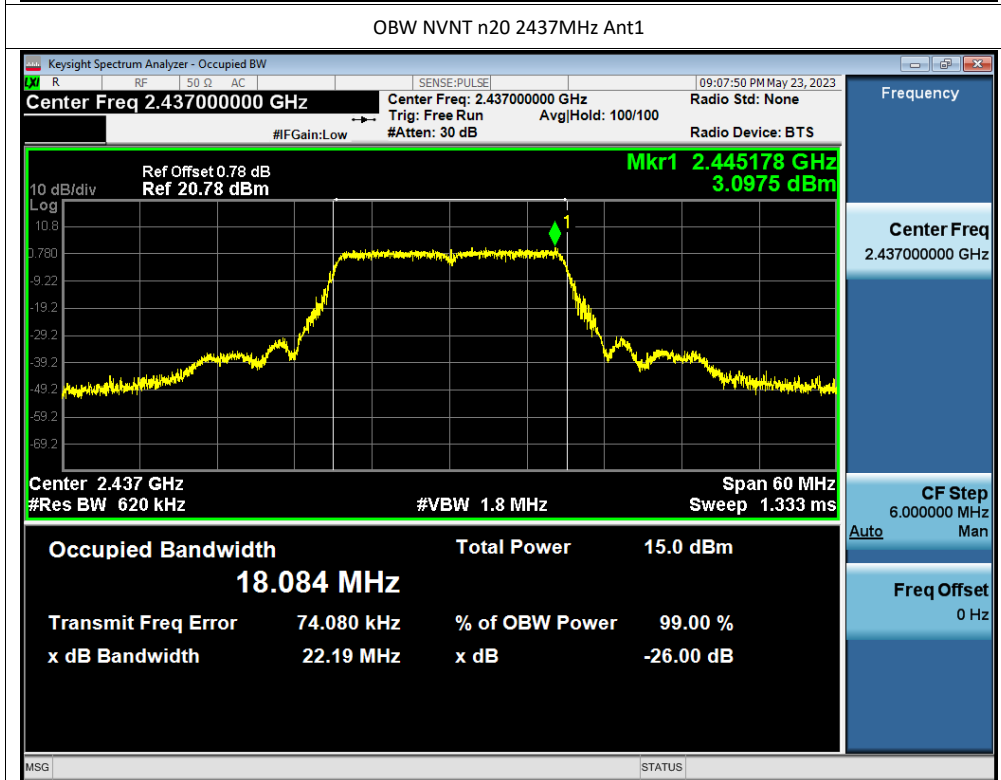
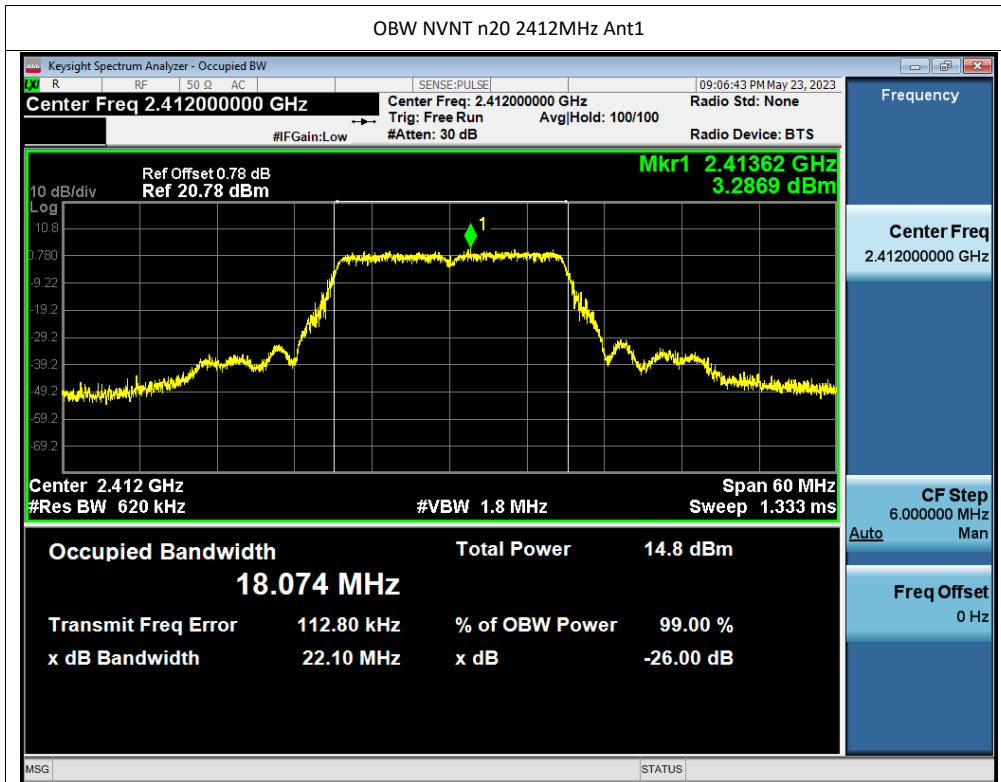
OBW NVNT b 2437MHz Ant1

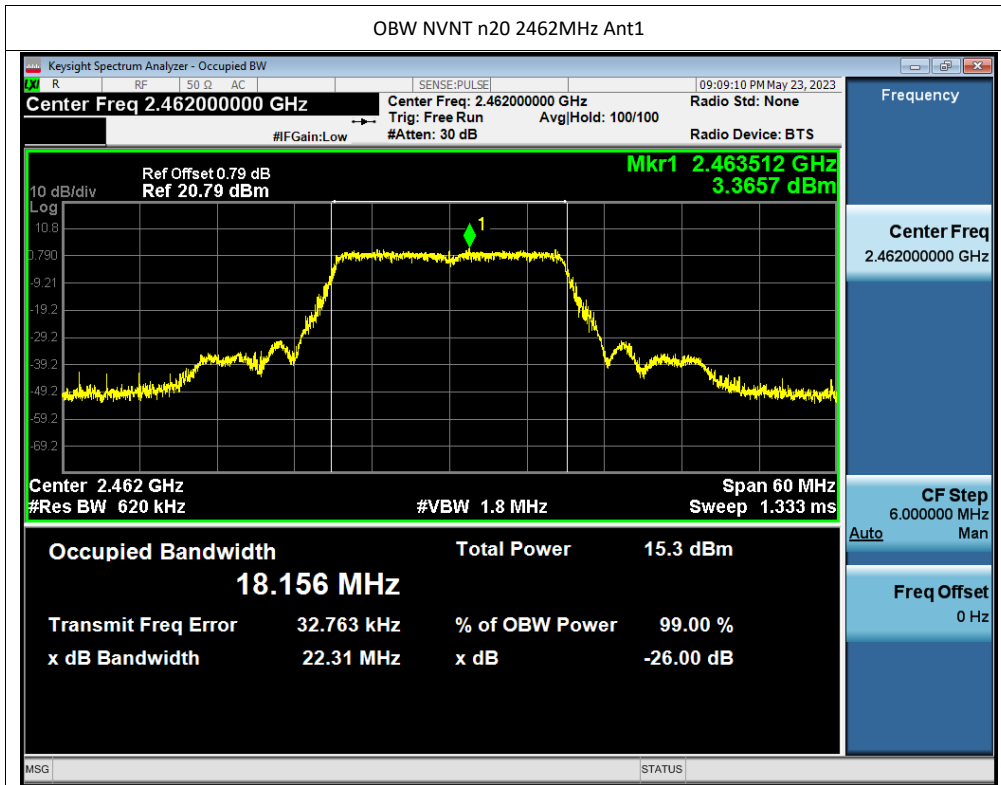










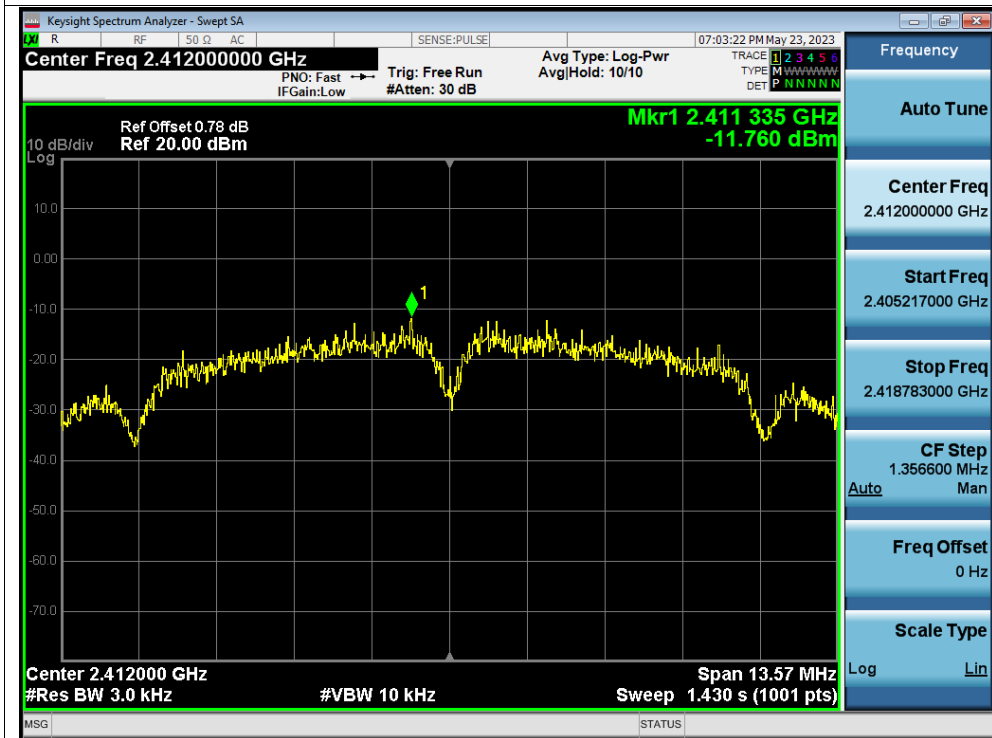


## Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-11.76	0	-11.76	8	Pass
NVNT	b	2437	Ant1	-10.47	0	-10.47	8	Pass
NVNT	b	2462	Ant1	-11.84	0	-11.84	8	Pass
NVNT	g	2412	Ant1	-16.05	0	-16.05	8	Pass
NVNT	g	2437	Ant1	-16.07	0	-16.07	8	Pass
NVNT	g	2462	Ant1	-11.76	0	-11.76	8	Pass
NVNT	n20	2412	Ant1	-16.18	0	-16.18	8	Pass
NVNT	n20	2437	Ant1	-15.17	0	-15.17	8	Pass
NVNT	n20	2462	Ant1	-16.08	0	-16.08	8	Pass

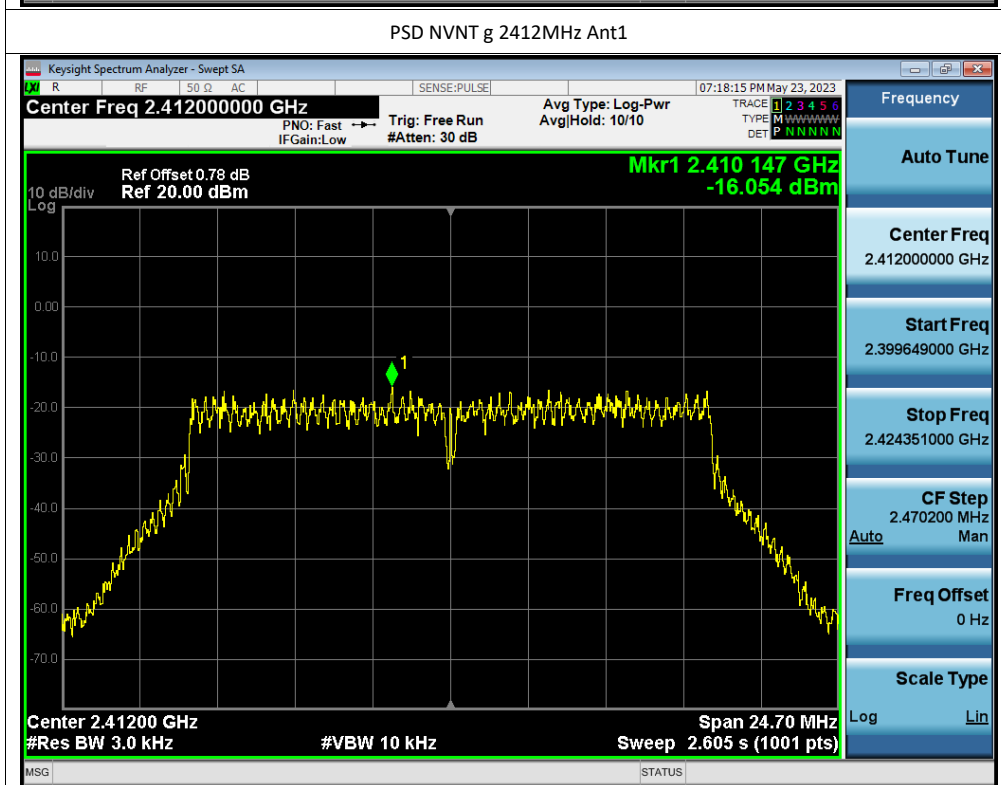
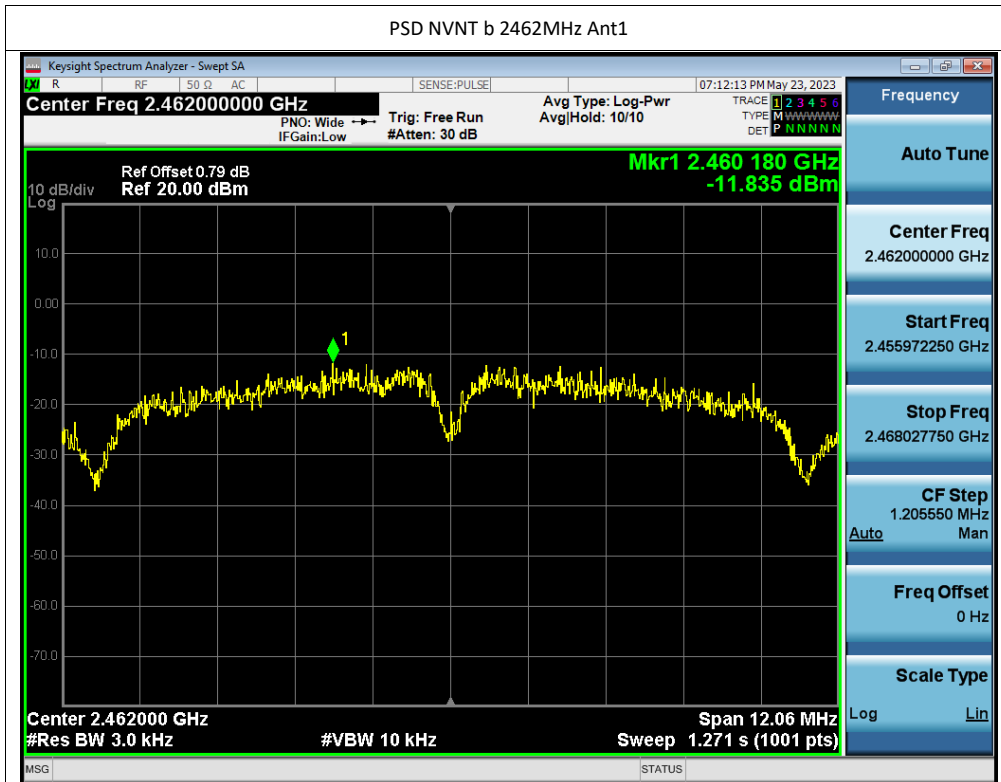
Test Graphs

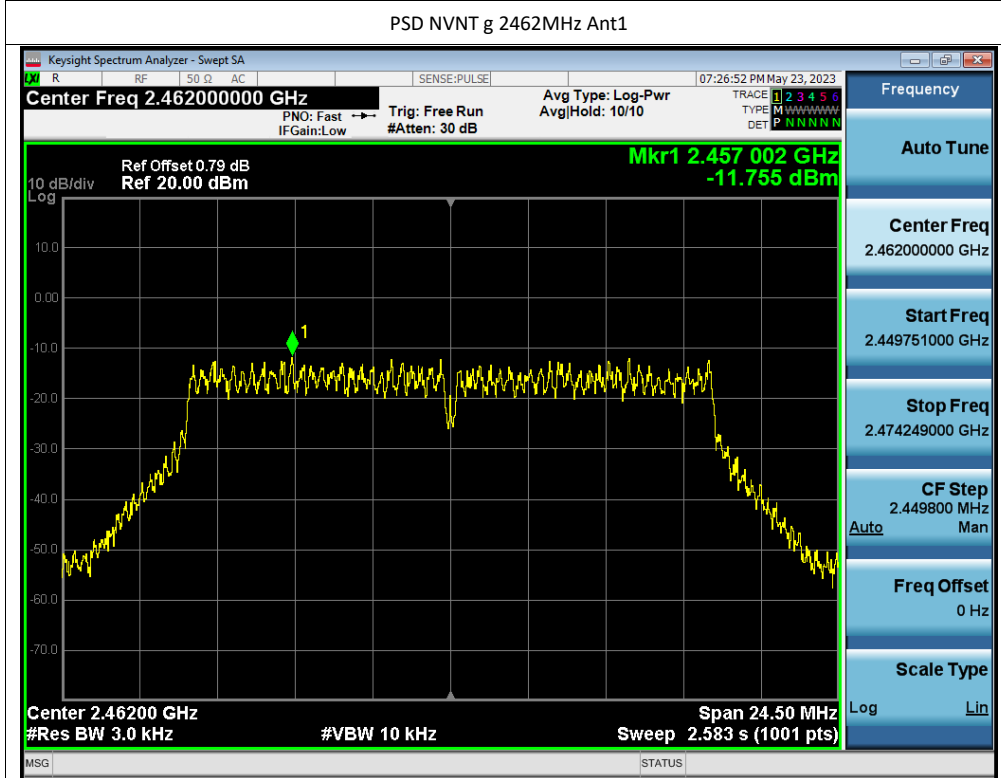
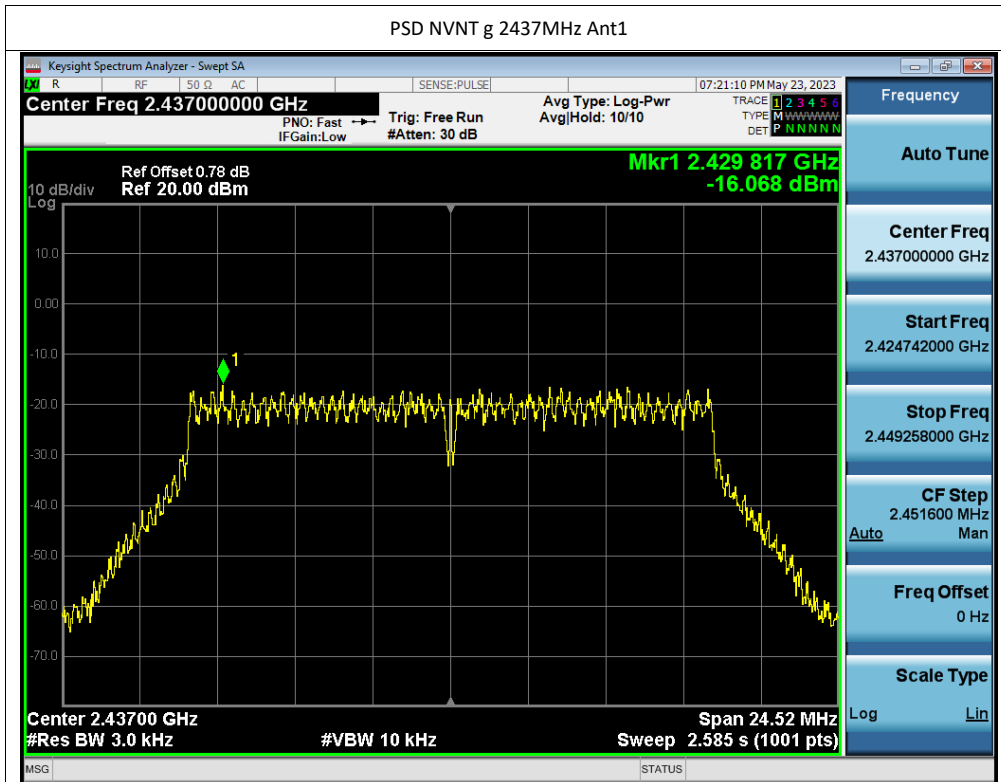
PSD NVNT b 2412MHz Ant1

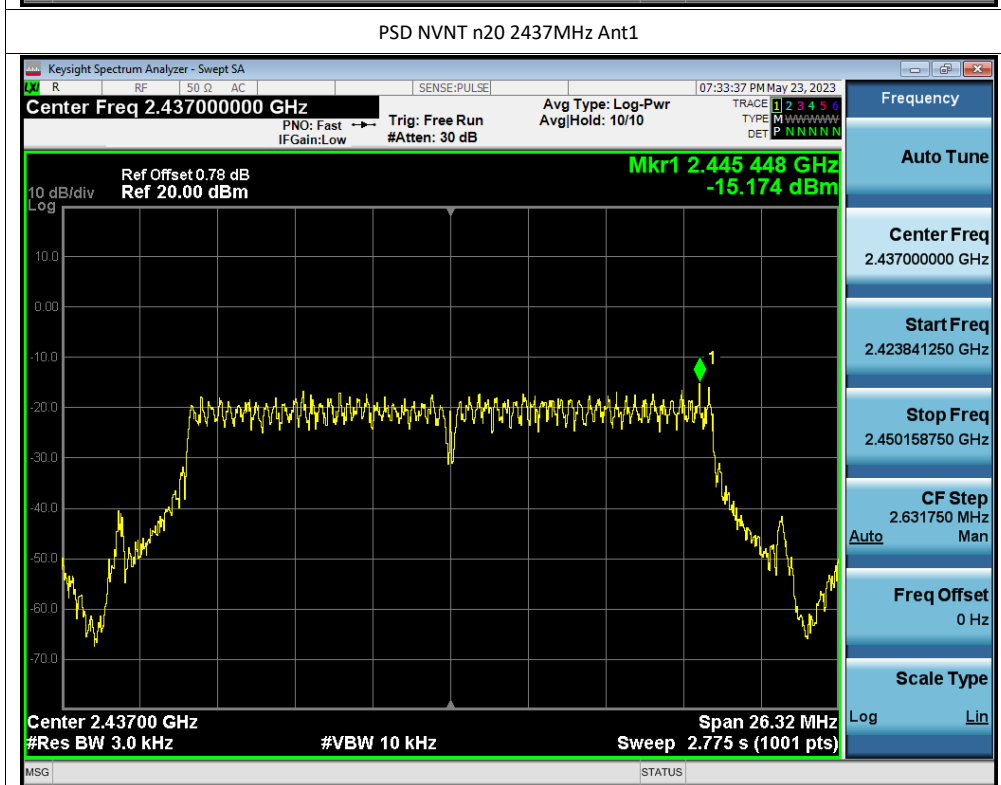
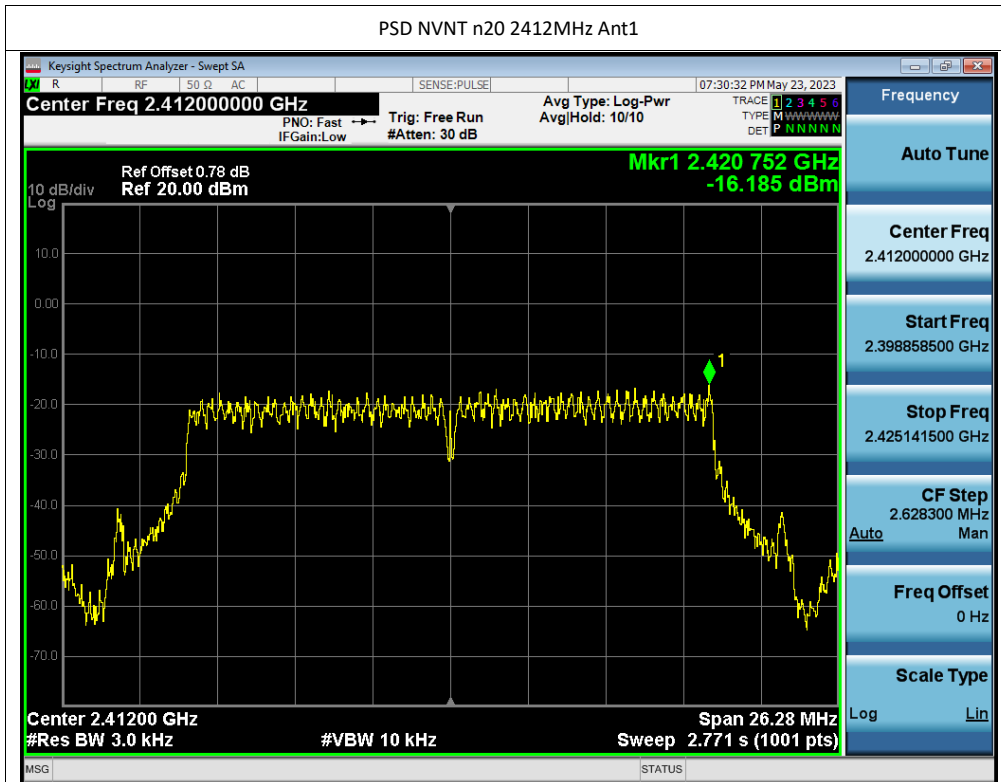


PSD NVNT b 2437MHz Ant1













## Band Edge

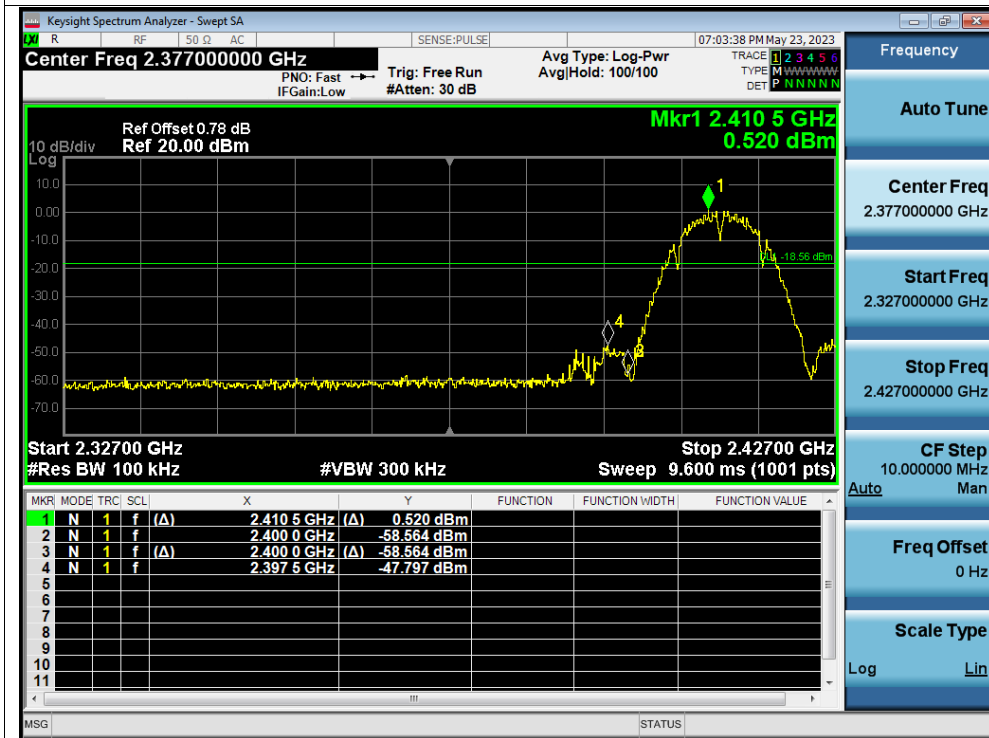
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.24	-20	Pass
NVNT	b	2462	Ant1	-58.19	-20	Pass
NVNT	g	2412	Ant1	-36.98	-20	Pass
NVNT	g	2462	Ant1	-48.07	-20	Pass
NVNT	n20	2412	Ant1	-34.81	-20	Pass
NVNT	n20	2462	Ant1	-48.27	-20	Pass

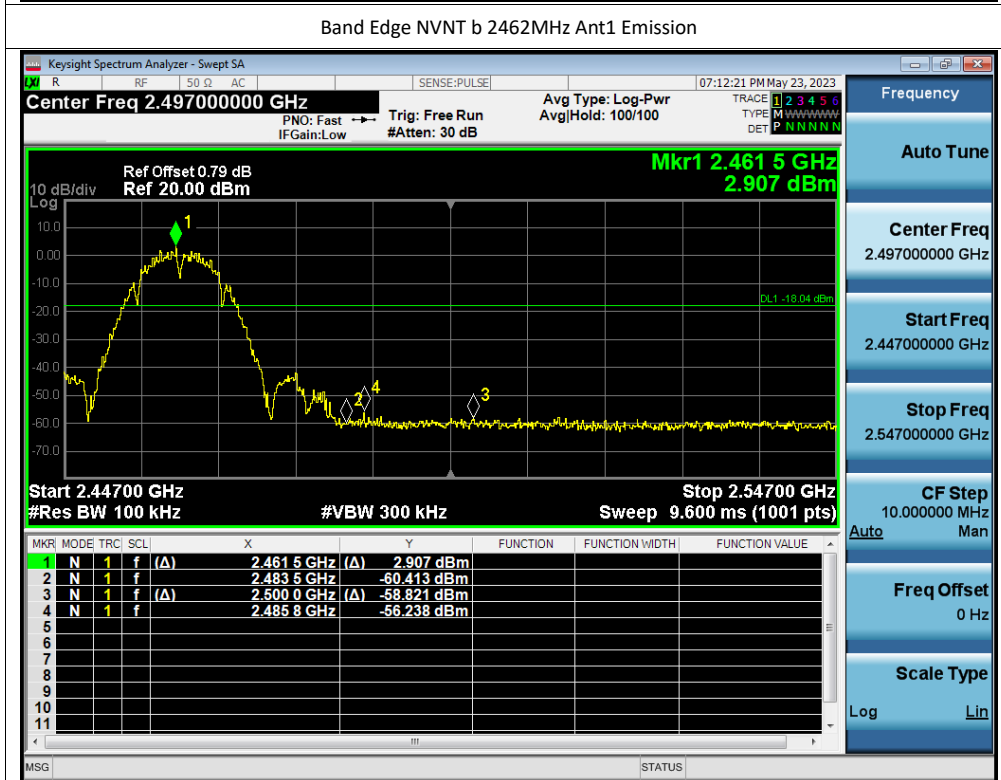
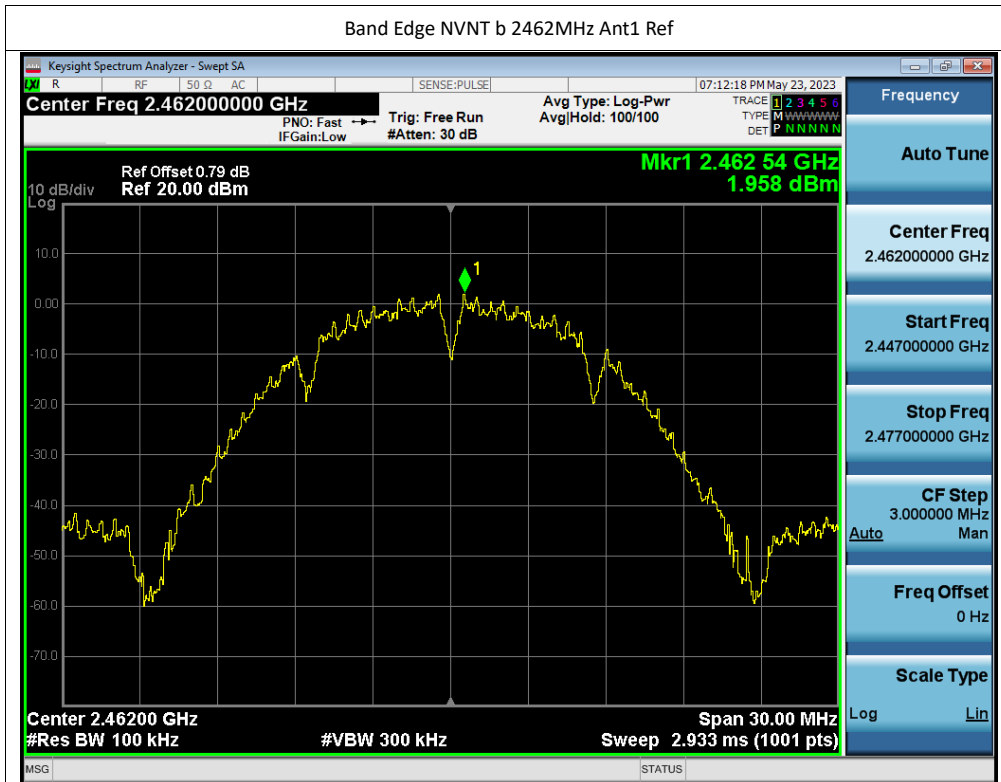
Test Graphs

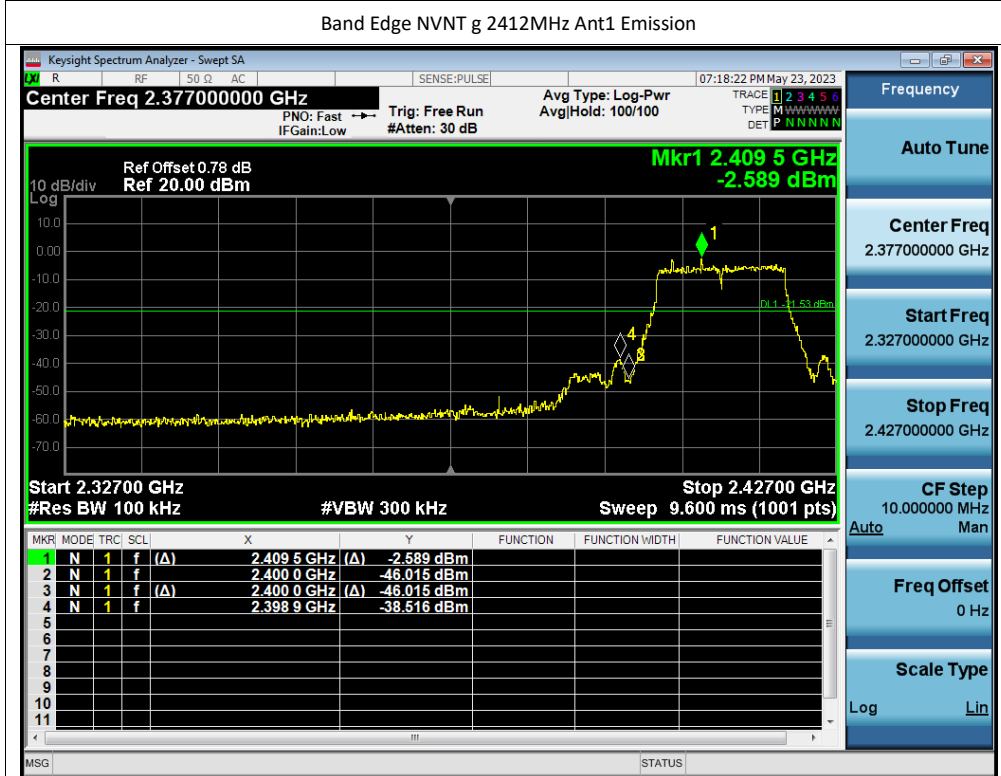
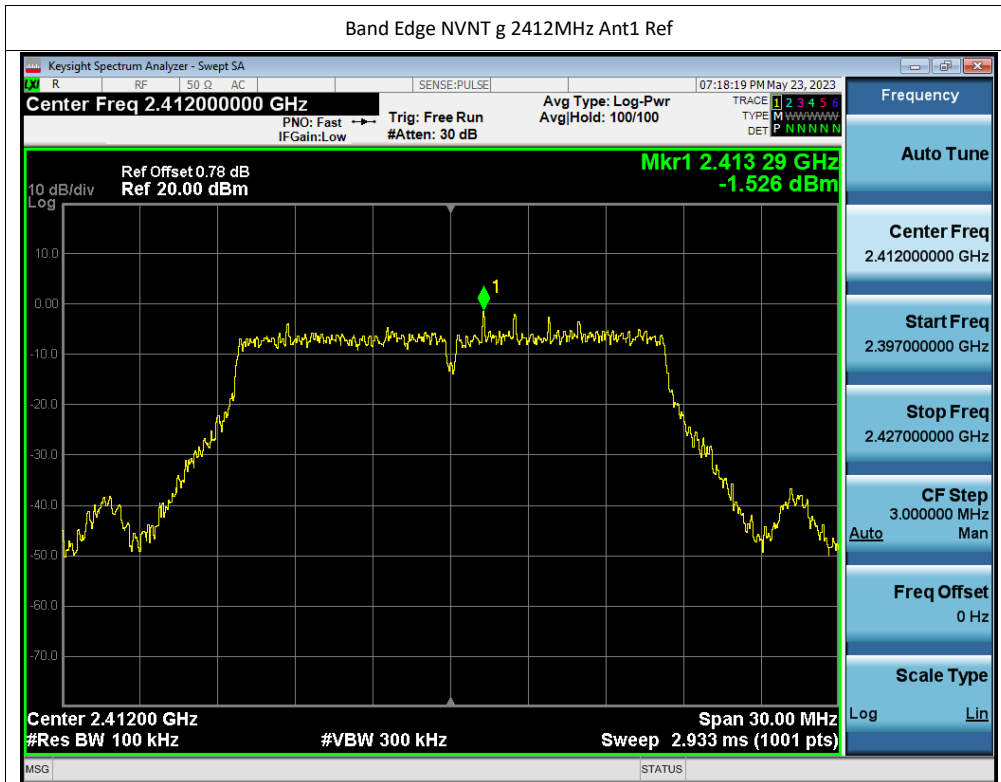
Band Edge NVNT b 2412MHz Ant1 Ref

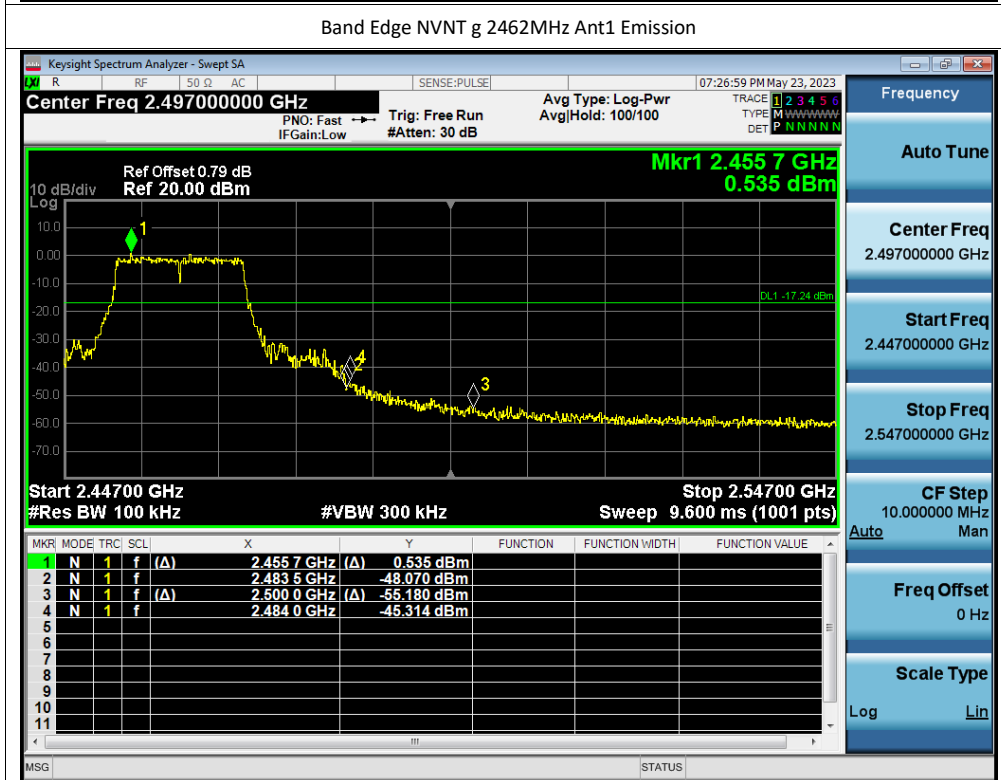
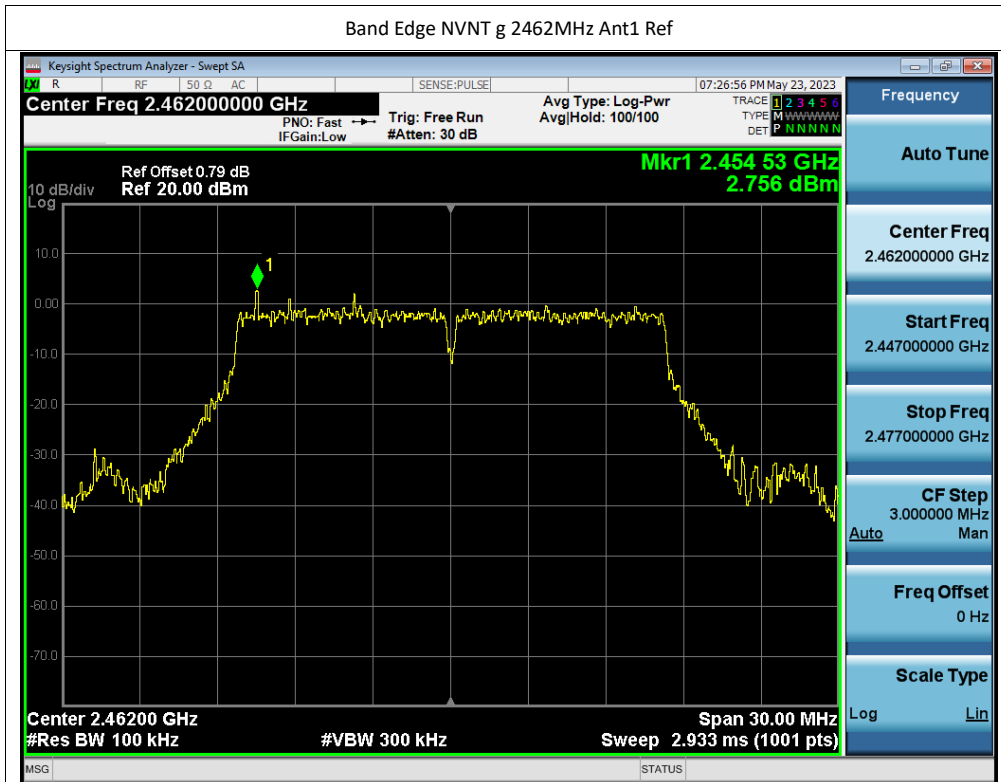


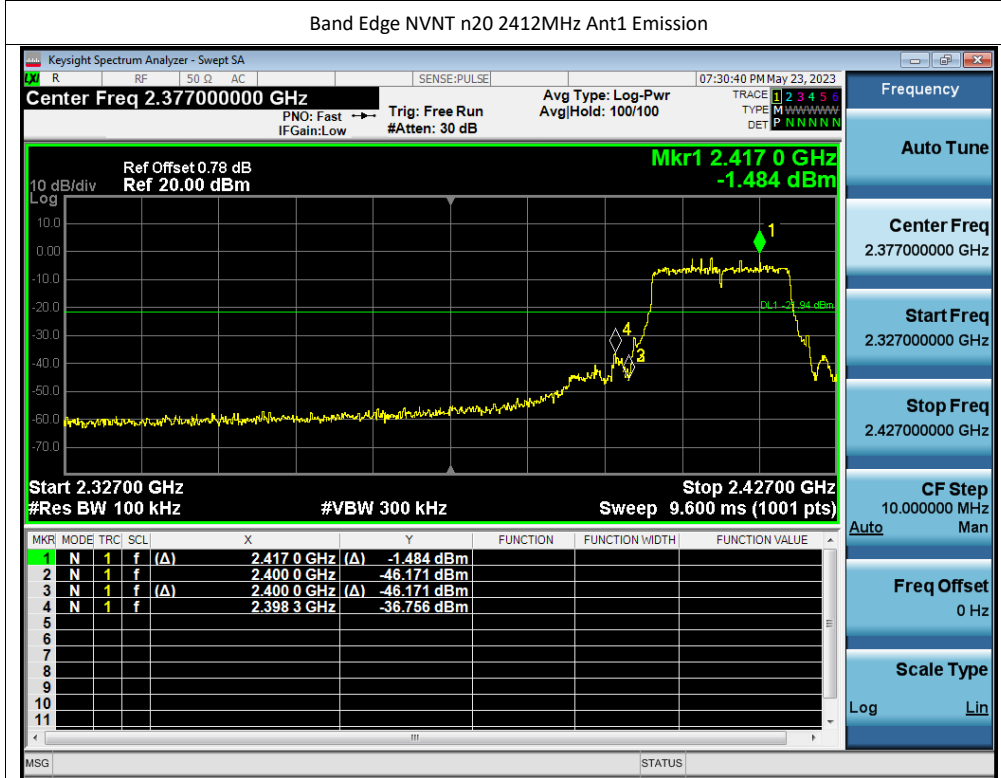
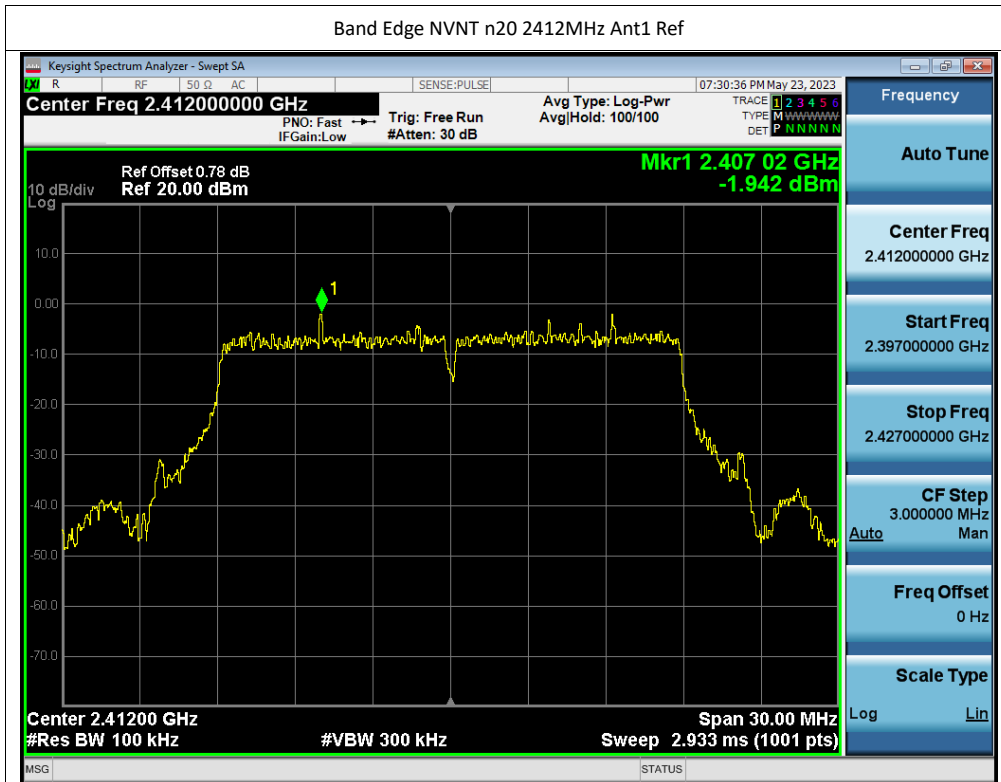
Band Edge NVNT b 2412MHz Ant1 Emission

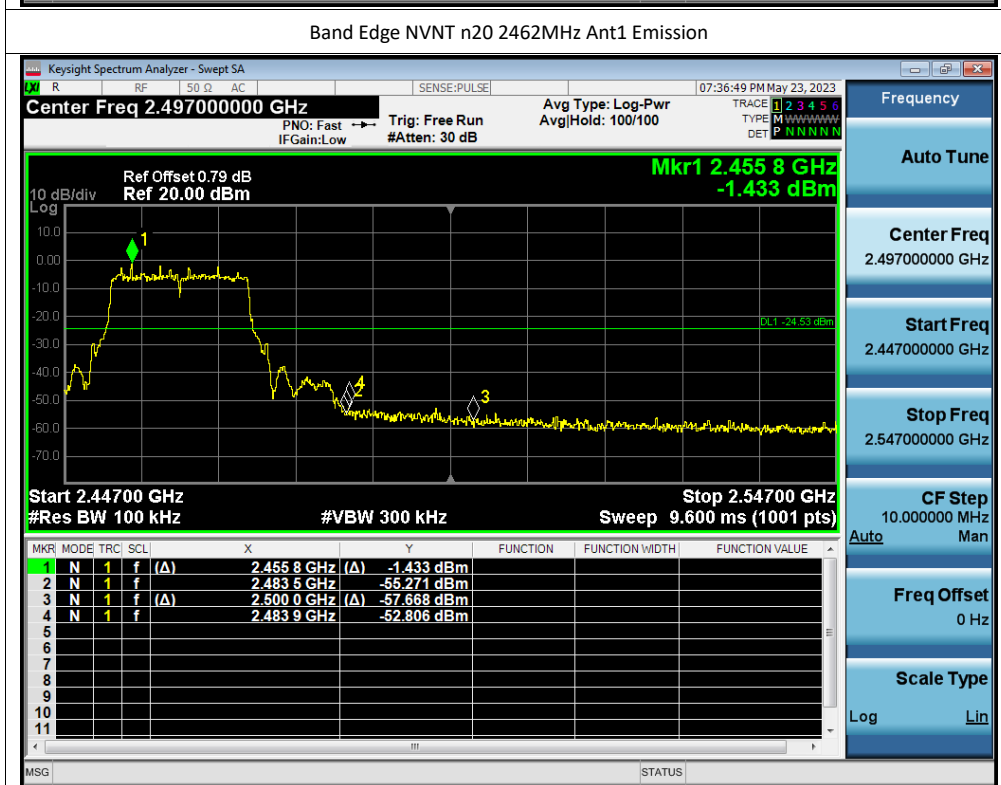
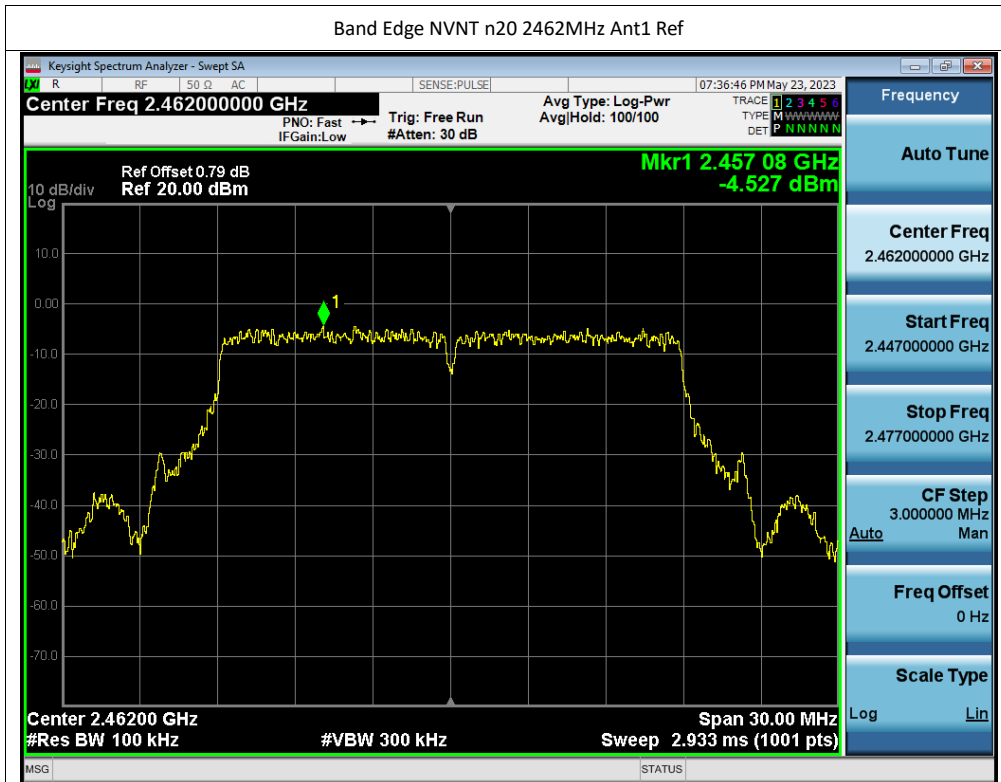












## Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-42.91	-20	Pass
NVNT	b	2437	Ant1	-45.43	-20	Pass
NVNT	b	2462	Ant1	-44.32	-20	Pass
NVNT	g	2412	Ant1	-40.75	-20	Pass
NVNT	g	2437	Ant1	-40.84	-20	Pass
NVNT	g	2462	Ant1	-45.52	-20	Pass
NVNT	n20	2412	Ant1	-39.64	-20	Pass
NVNT	n20	2437	Ant1	-40.7	-20	Pass
NVNT	n20	2462	Ant1	-40.54	-20	Pass

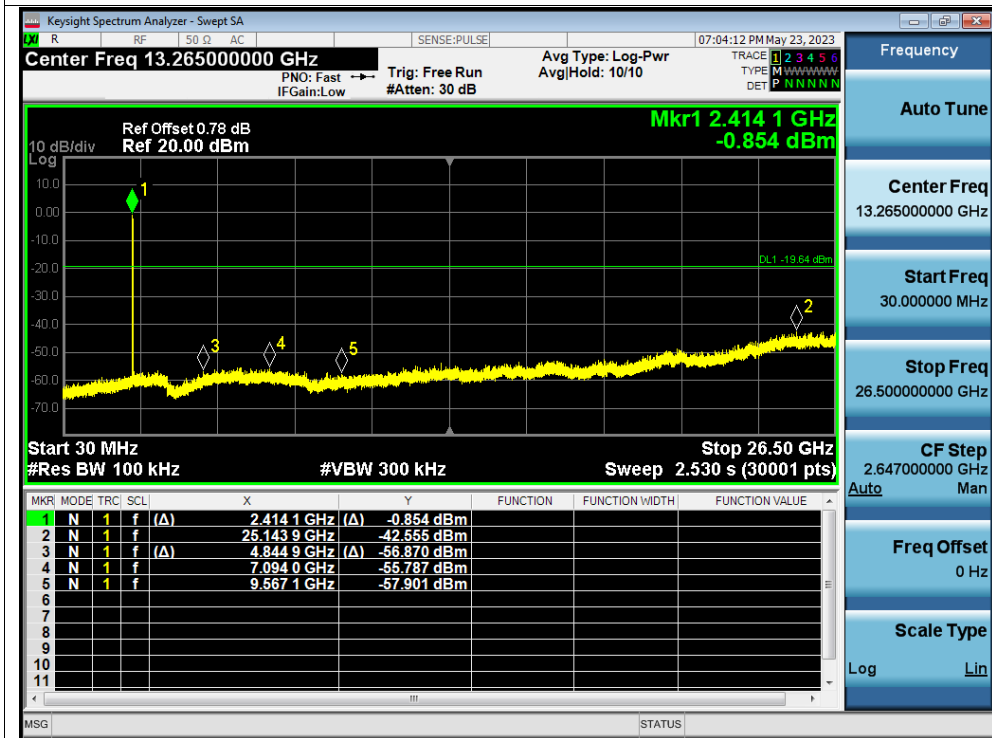


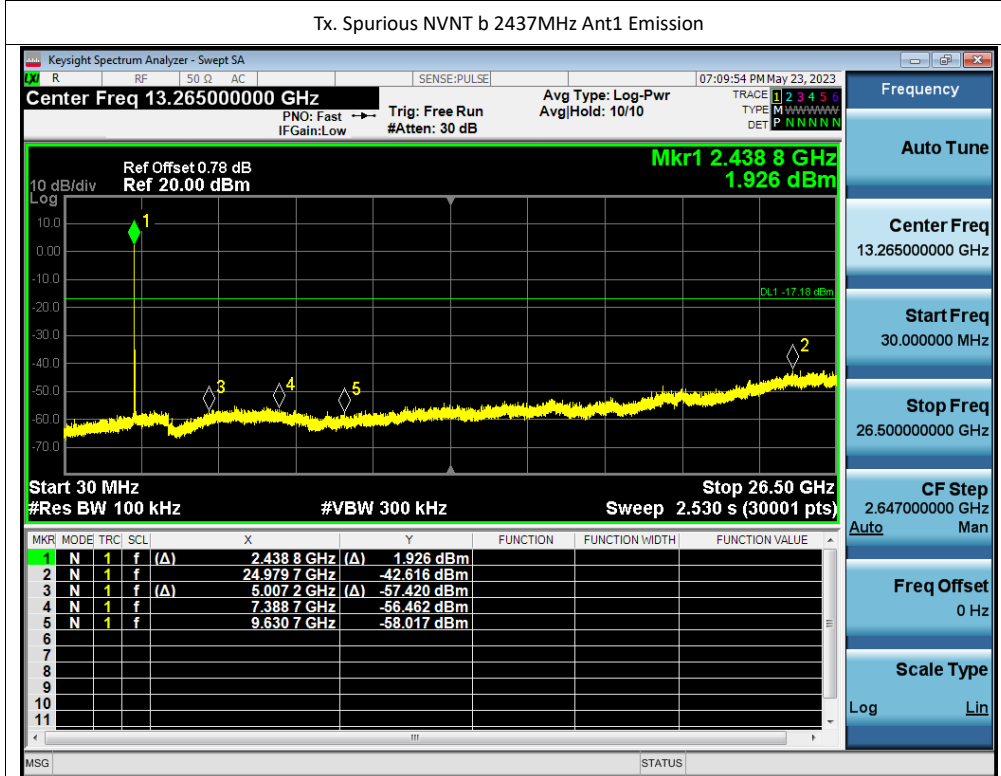
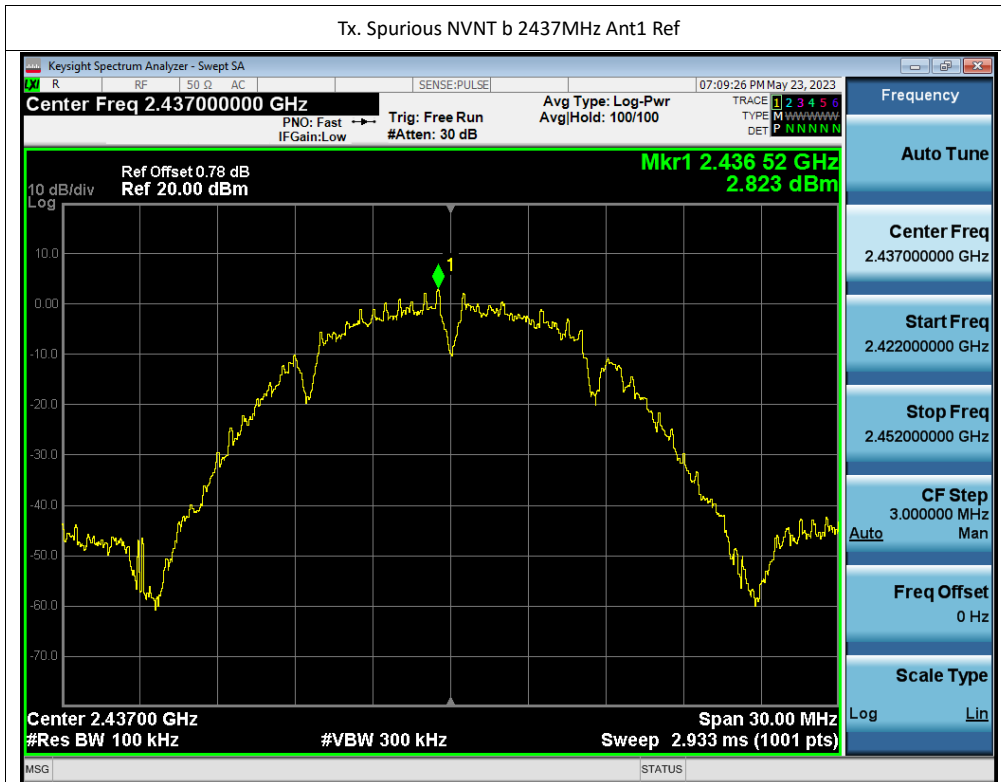
Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission

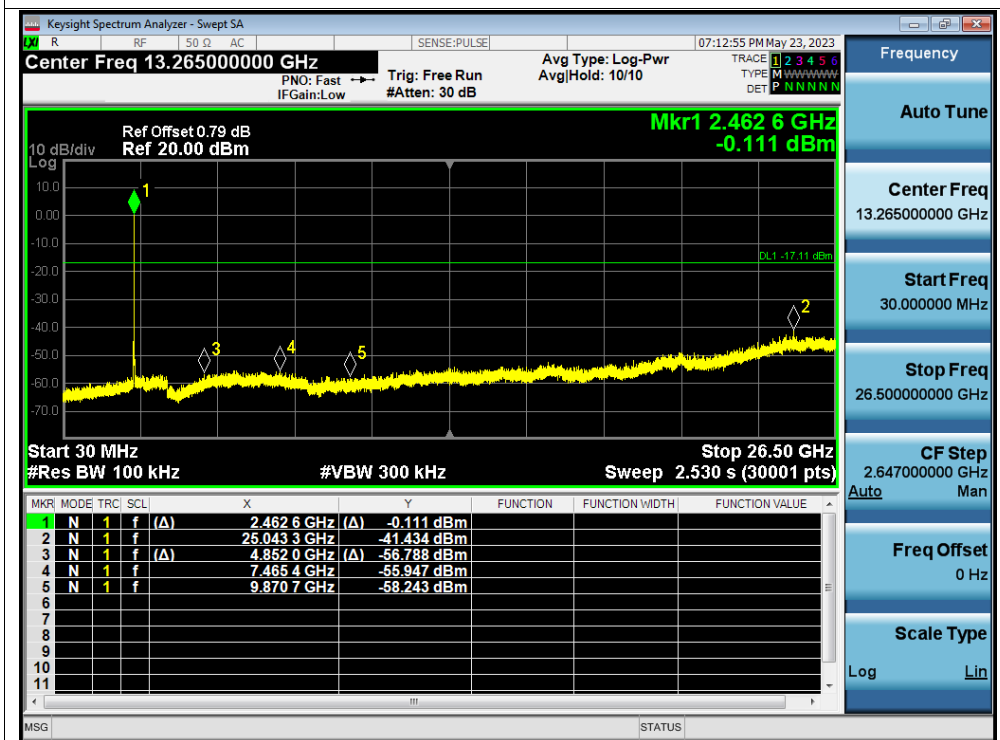


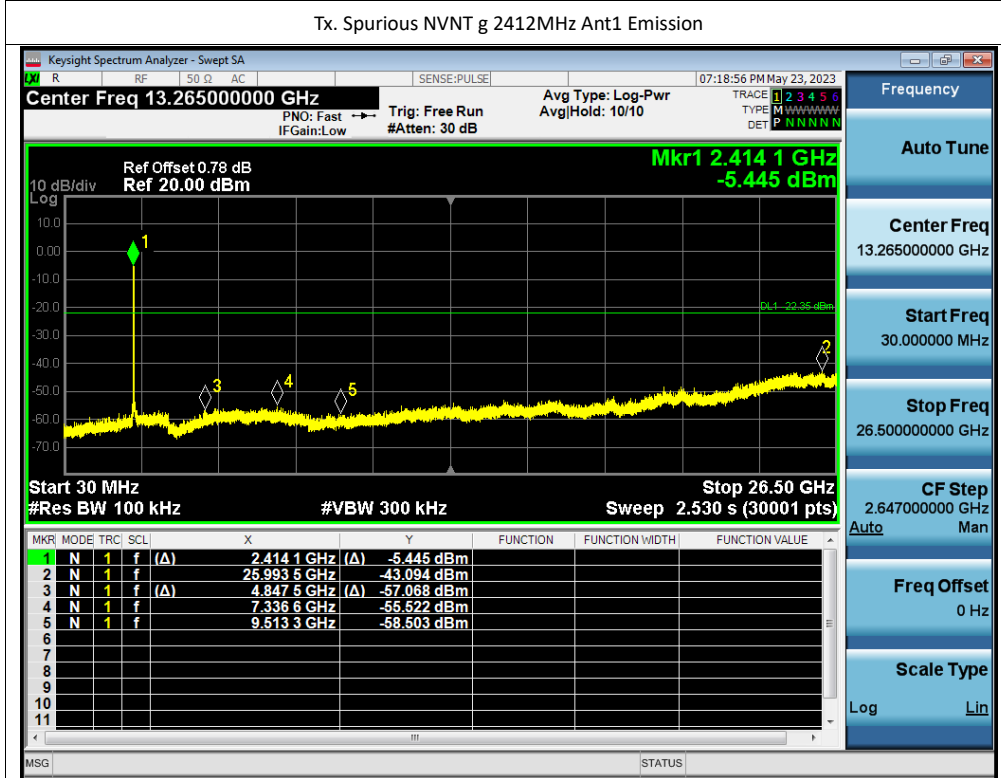
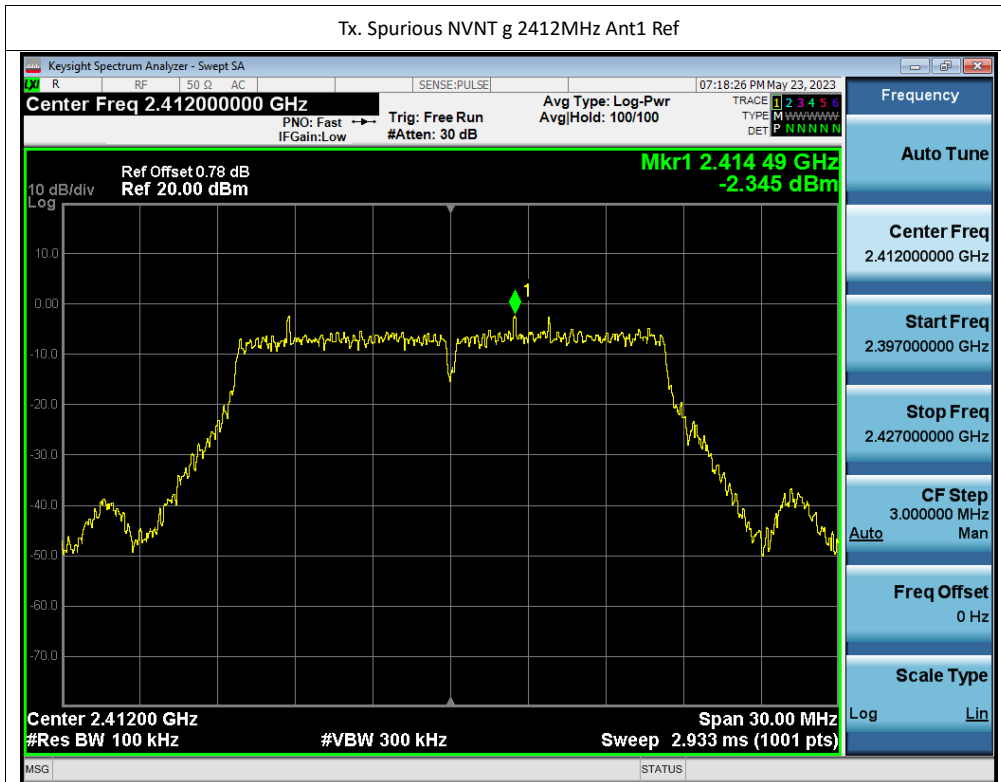


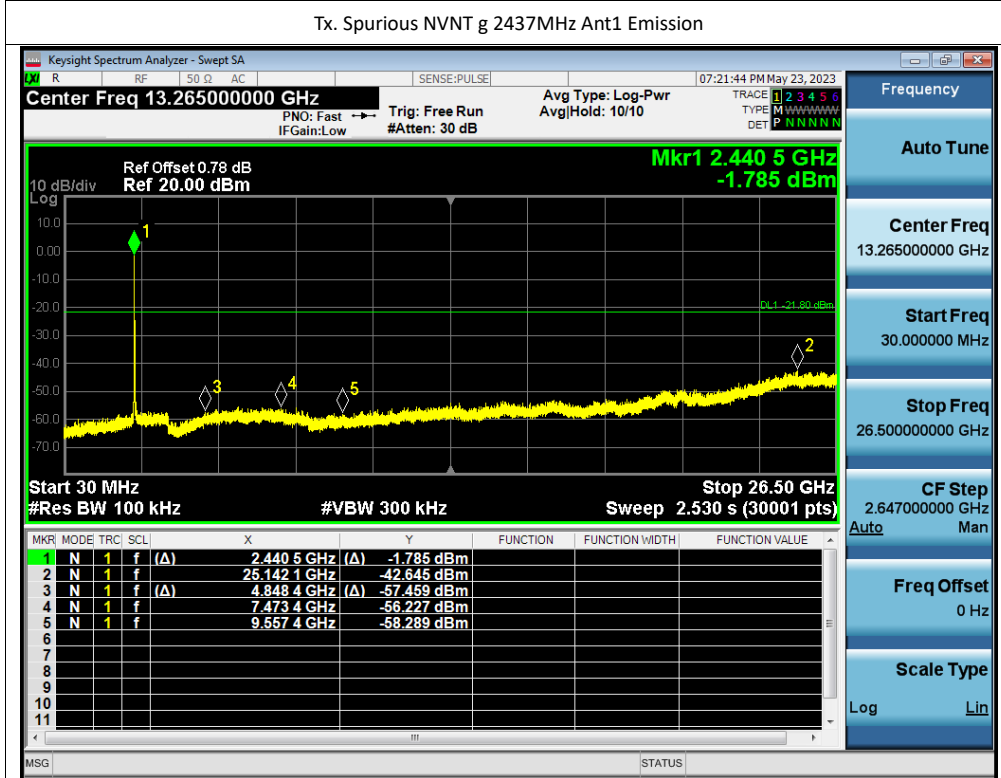
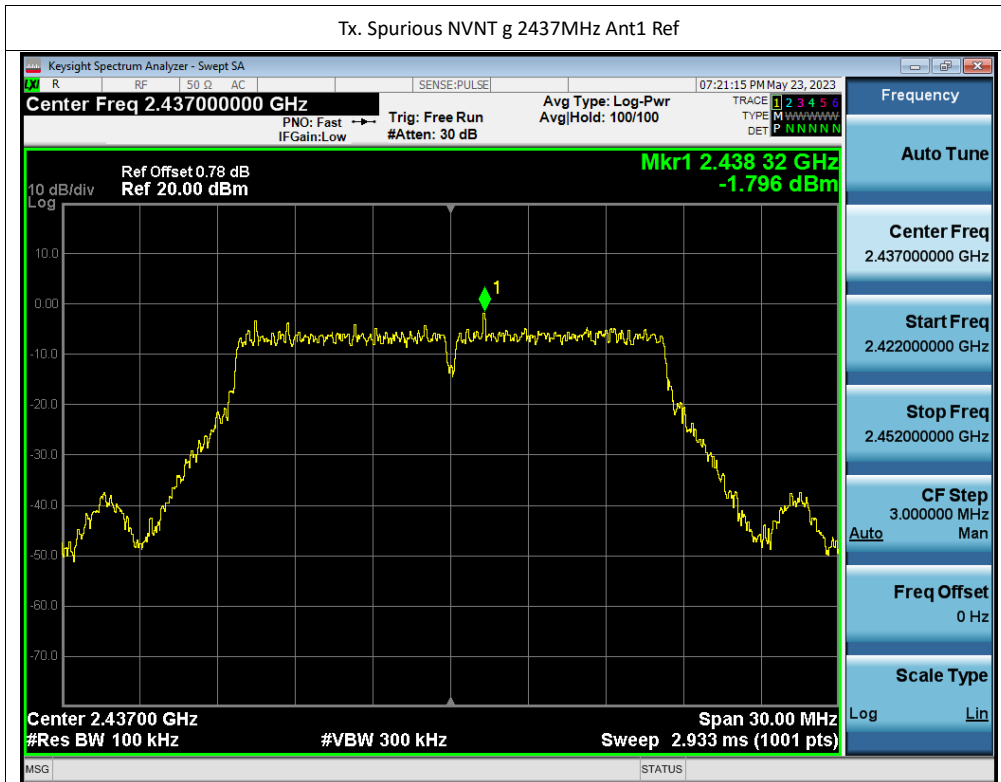
Tx. Spurious NVNT b 2462MHz Ant1 Ref

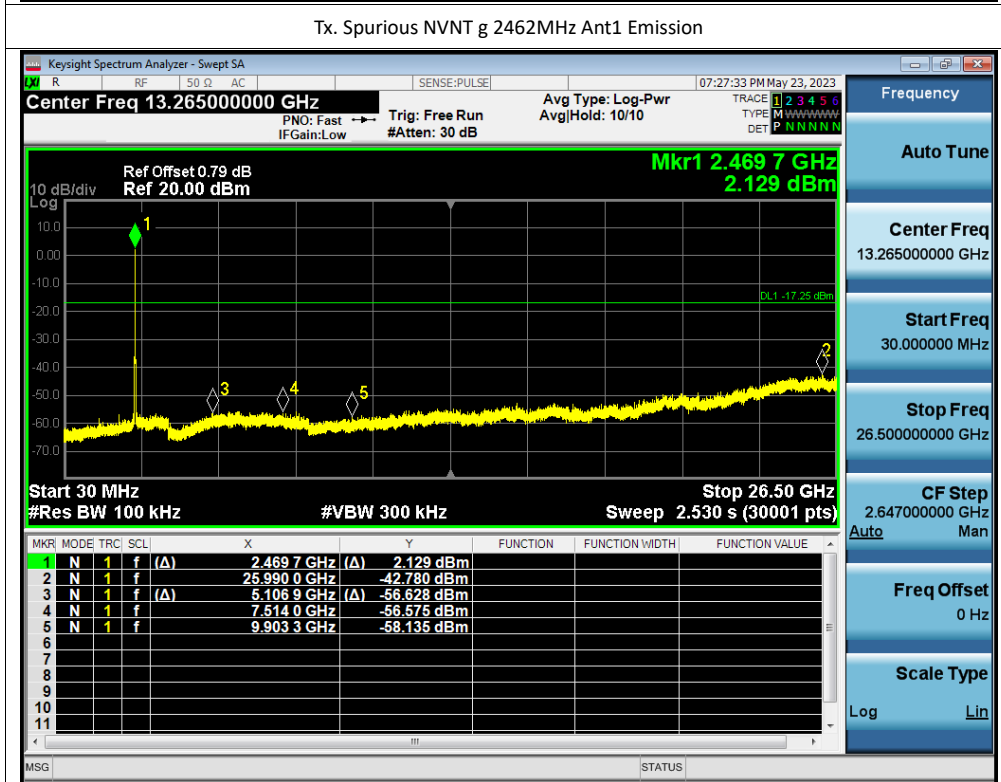
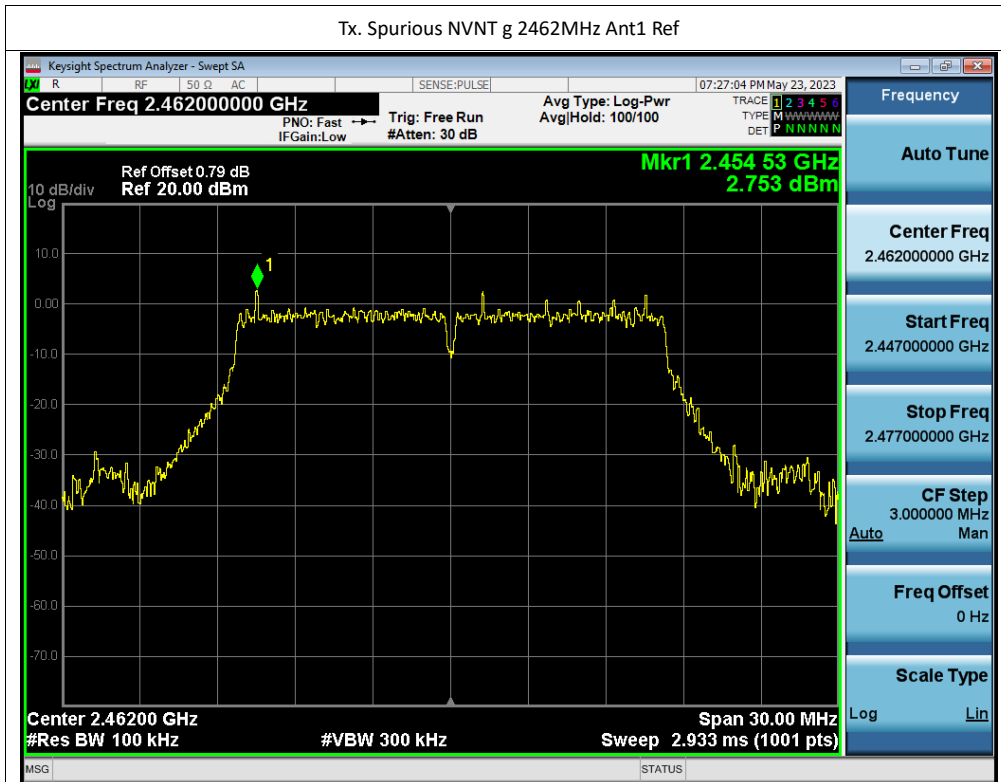


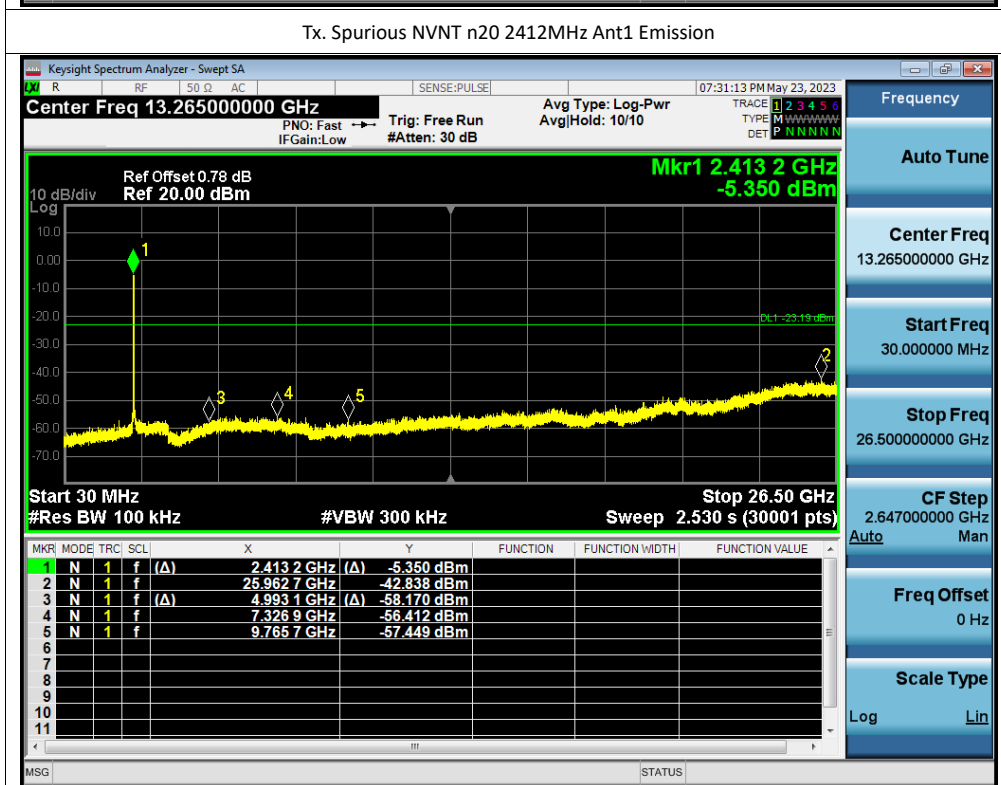
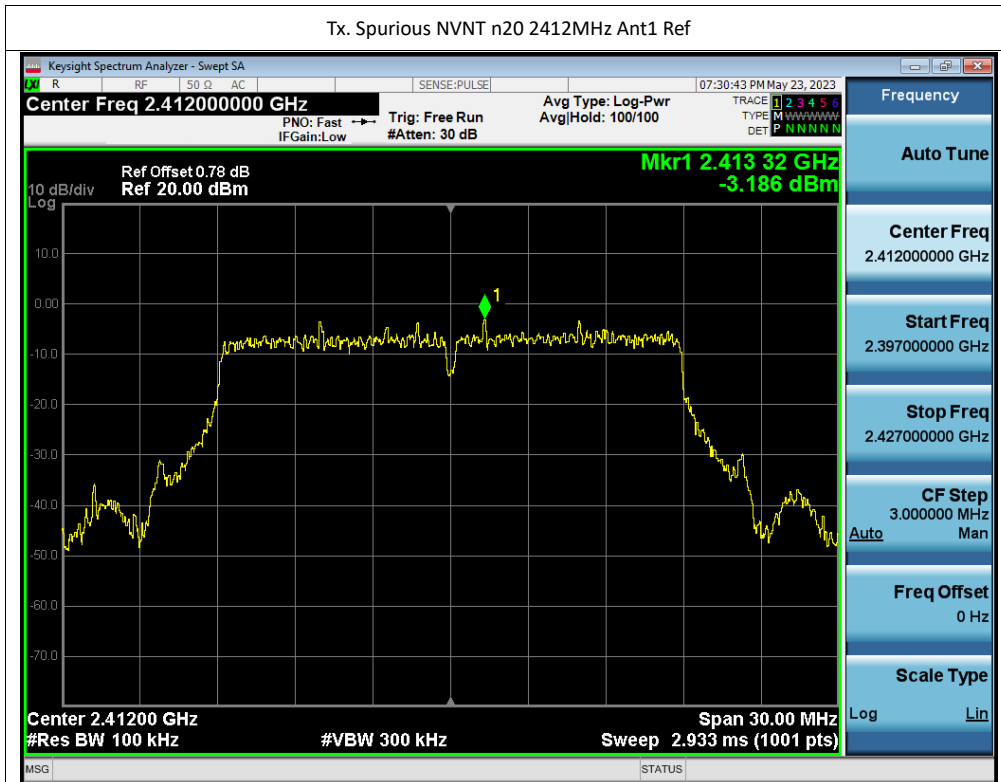
Tx. Spurious NVNT b 2462MHz Ant1 Emission

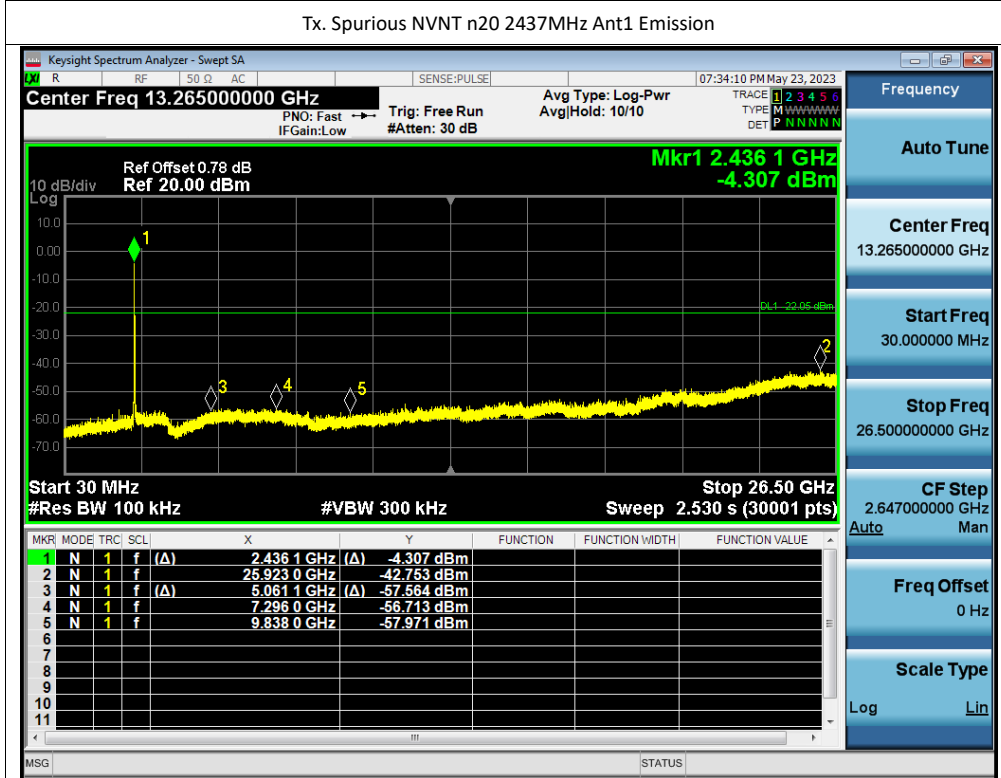




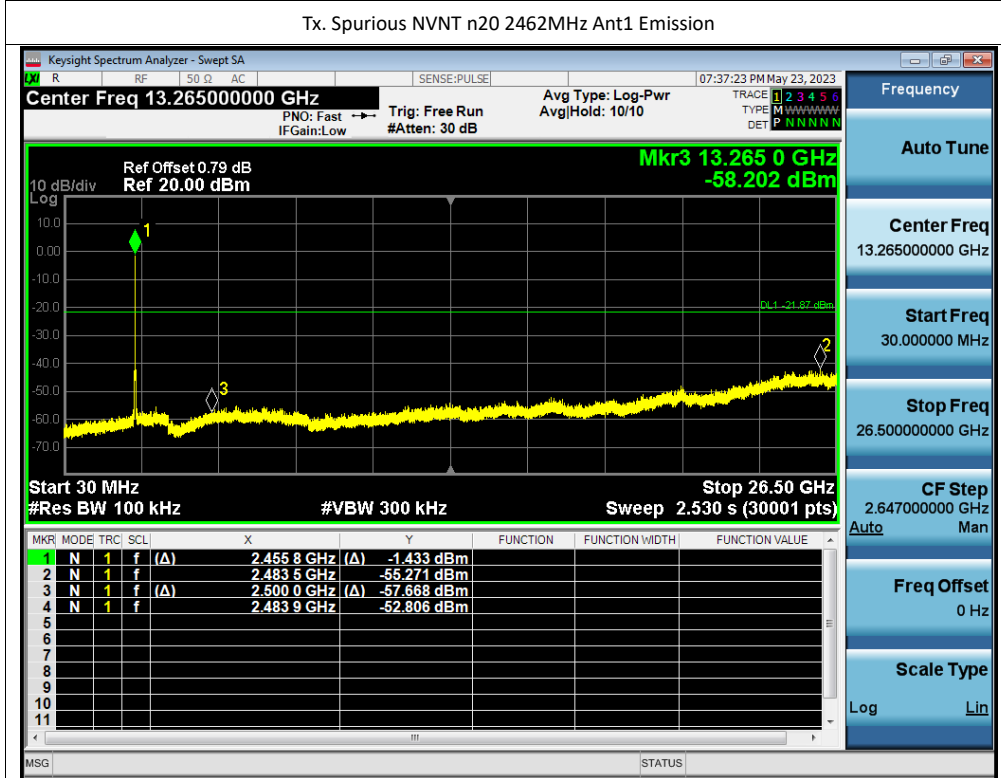












## Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	50.19	2.99	0.12
NVNT	b	2437	Ant1	50.21	2.99	0.12
NVNT	b	2462	Ant1	50.22	2.99	0.12
NVNT	g	2412	Ant1	50.15	3	0.49
NVNT	g	2437	Ant1	50.1	3	0.49
NVNT	g	2462	Ant1	35.77	4.46	0.49
NVNT	n20	2412	Ant1	50.97	2.93	0.53
NVNT	n20	2437	Ant1	50.97	2.93	0.53
NVNT	n20	2462	Ant1	50.97	2.93	0.53

