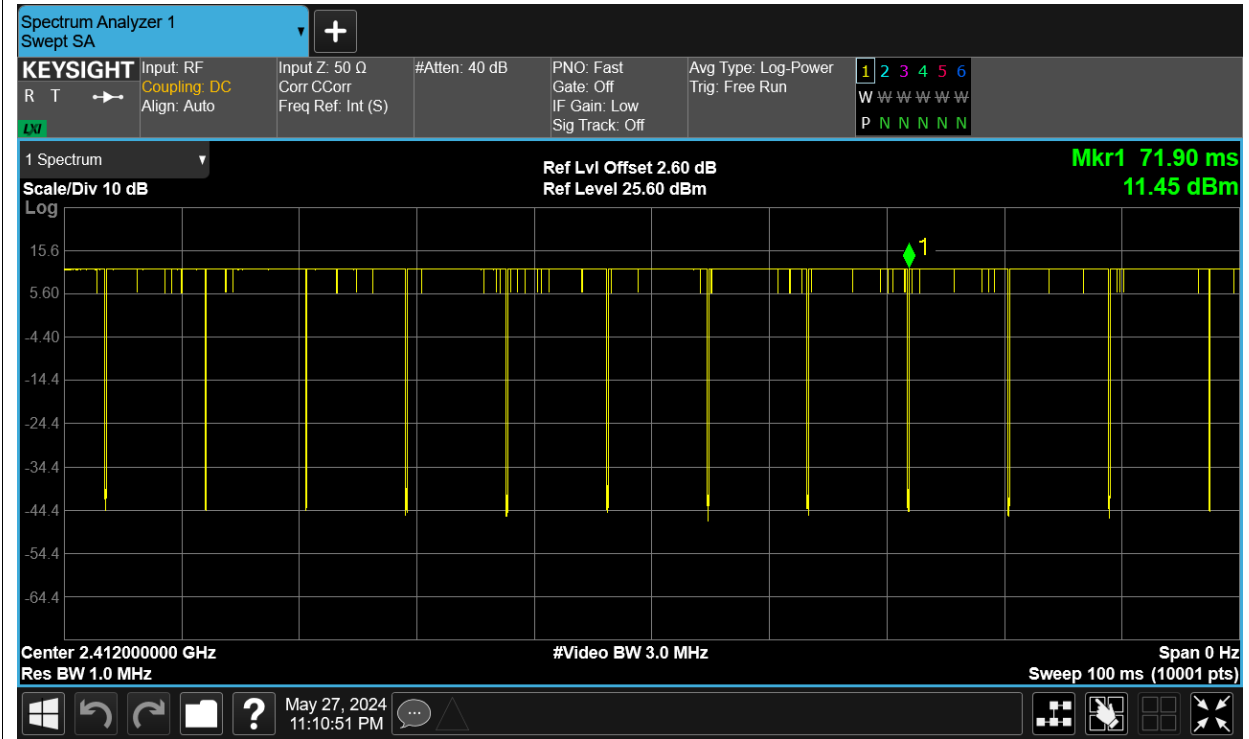


**Test Data****Duty Cycle**

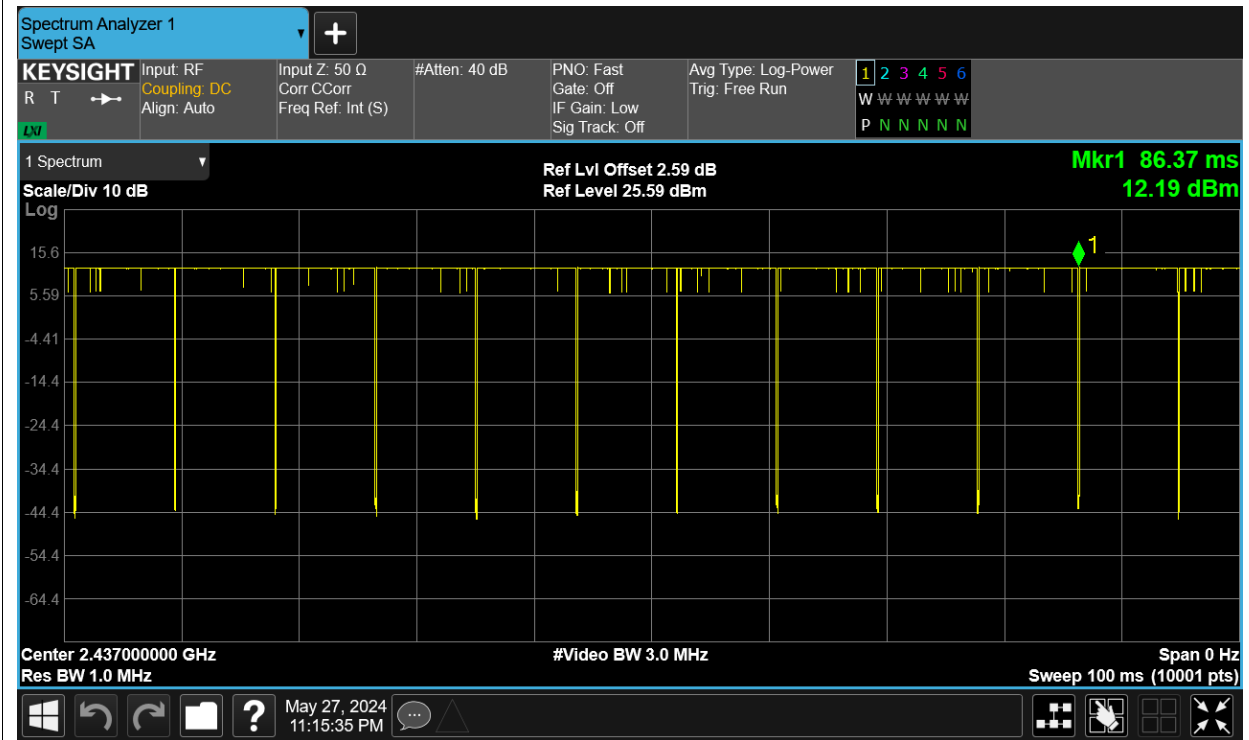
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant12	98.33	0.07
NVNT	b	2437	Ant12	98.31	0.07
NVNT	b	2462	Ant12	98.42	0.07
NVNT	g	2412	Ant12	90.89	0.41
NVNT	g	2437	Ant12	91.5	0.39
NVNT	g	2462	Ant12	91.46	0.39
NVNT	n20	2412	Ant12	90	0.46
NVNT	n20	2437	Ant12	90.18	0.45
NVNT	n20	2462	Ant12	90.38	0.44

Test Graphs

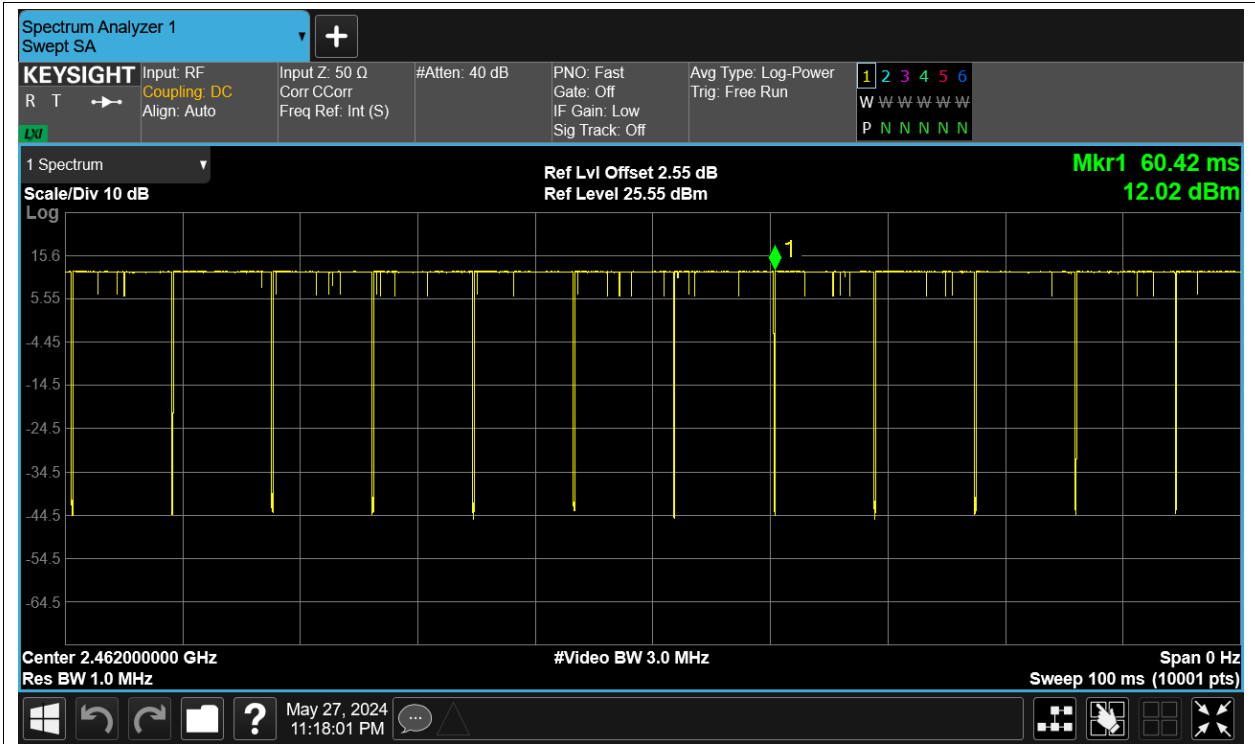
Duty Cycle NVNT b 2412MHz Ant12



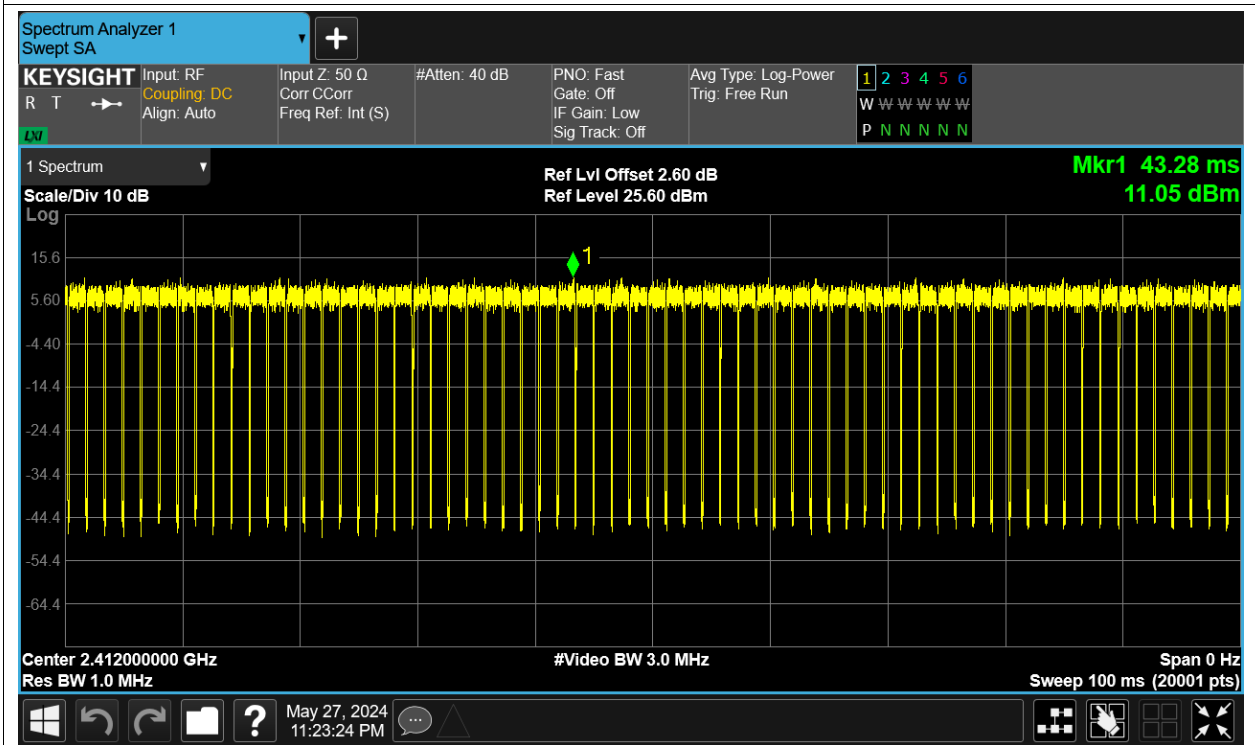
Duty Cycle NVNT b 2437MHz Ant12



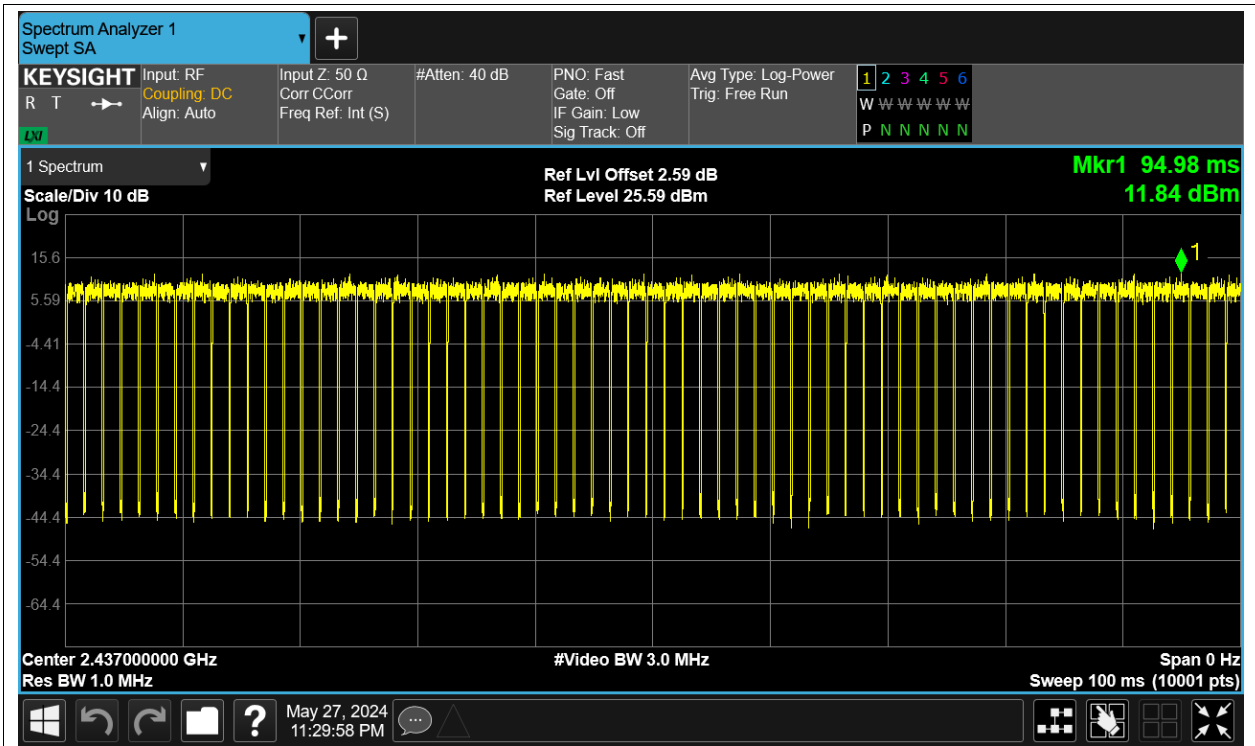
Duty Cycle NVNT b 2462MHz Ant12



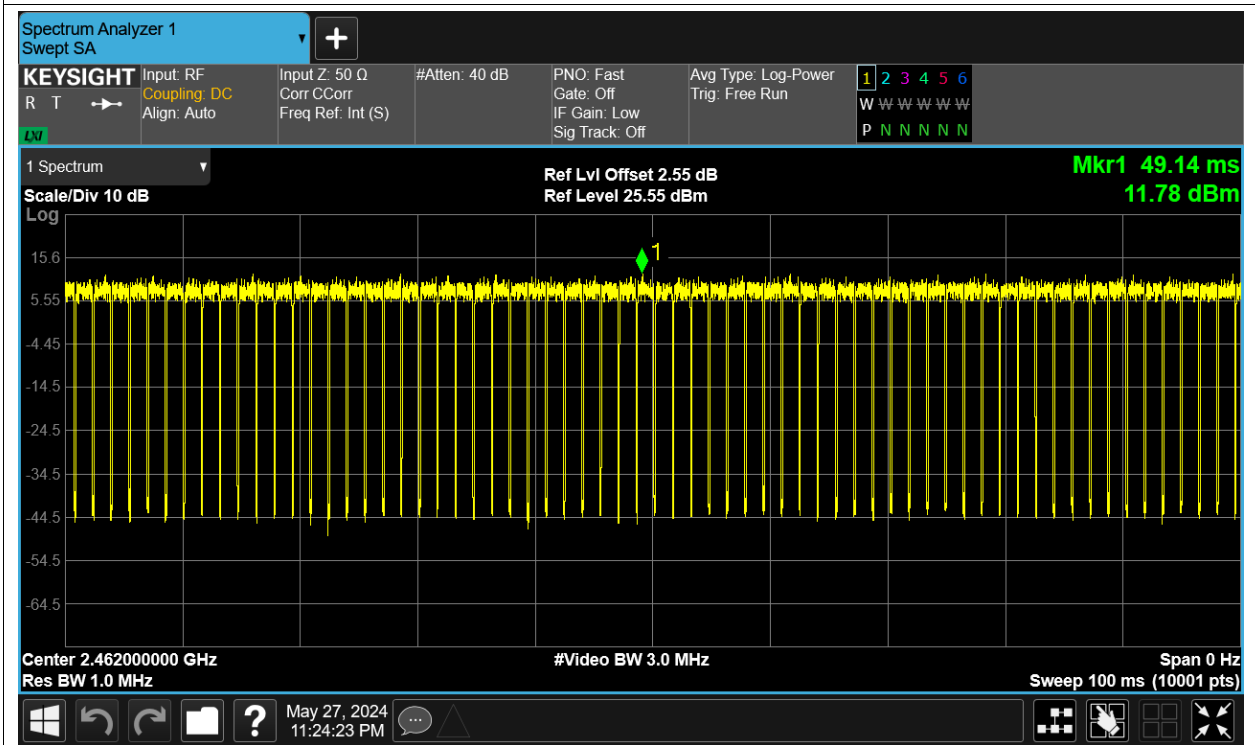
Duty Cycle NVNT g 2412MHz Ant12



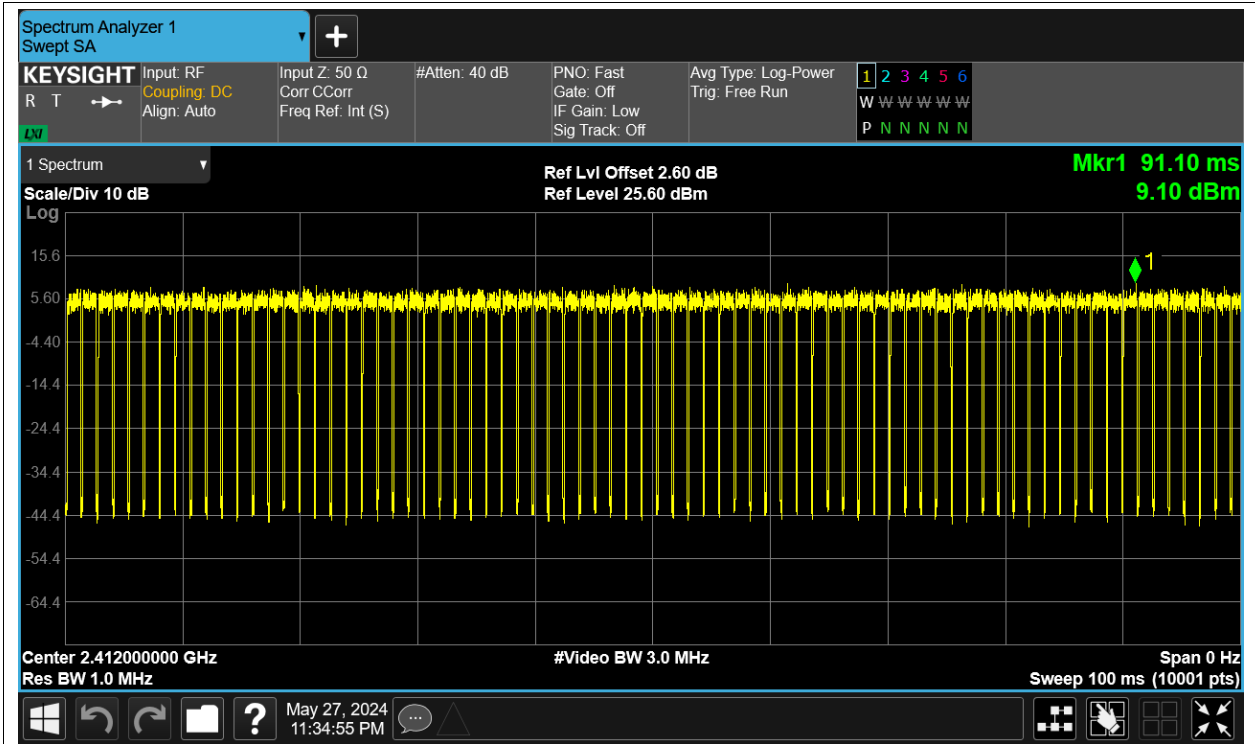
Duty Cycle NVNT g 2437MHz Ant12



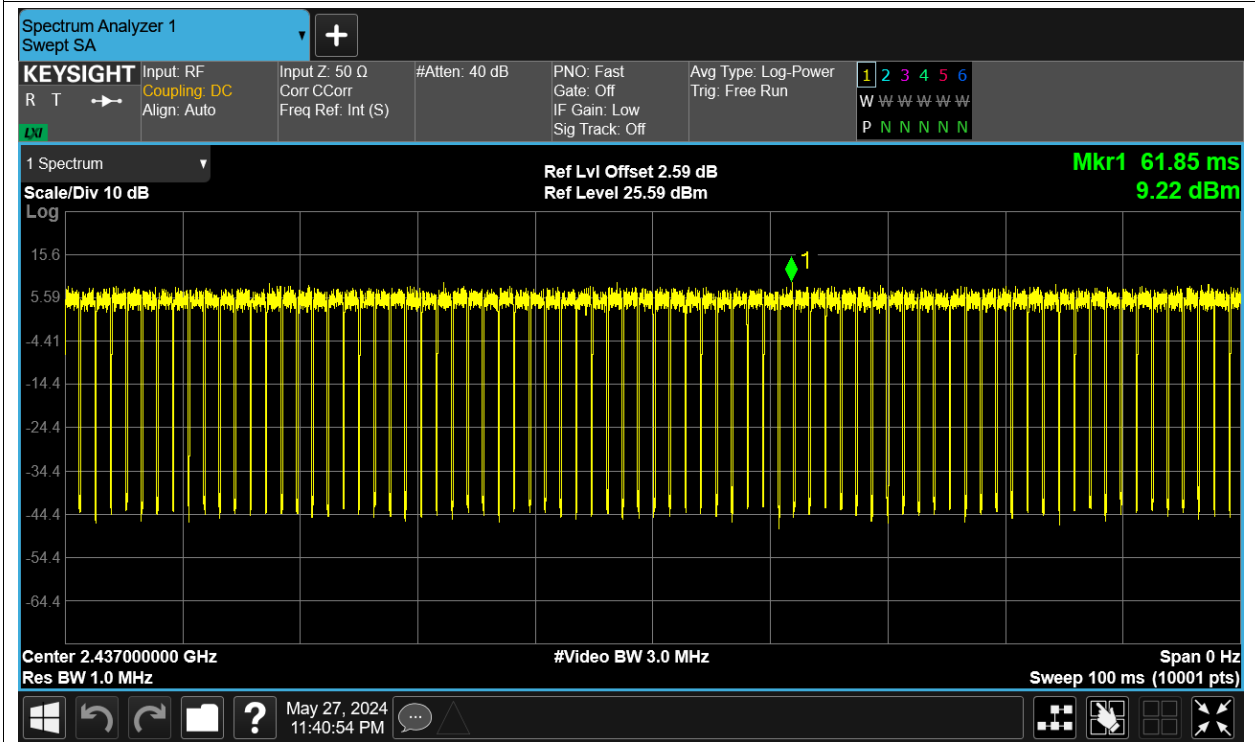
Duty Cycle NVNT g 2462MHz Ant12



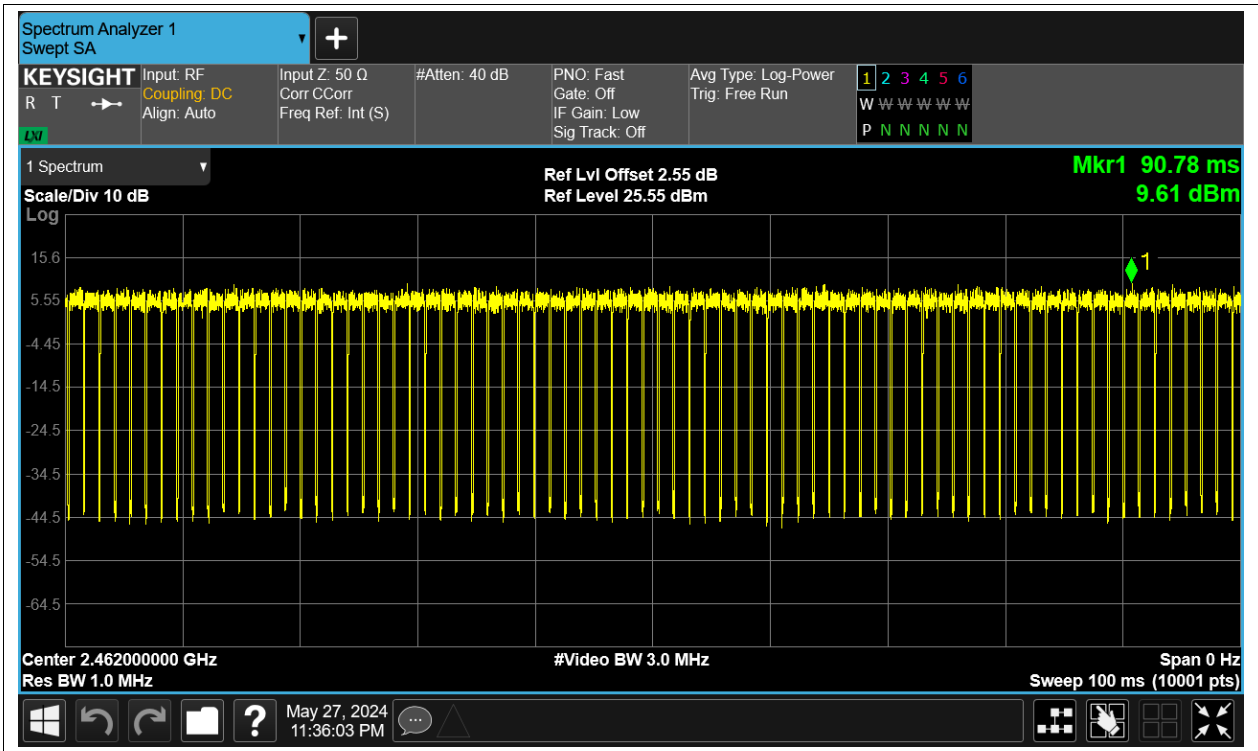
Duty Cycle NVNT n20 2412MHz Ant12



Duty Cycle NVNT n20 2437MHz Ant12



Duty Cycle NVNT n20 2462MHz Ant12



## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant12	17.78	0.07	17.85	30	Pass
NVNT	b	2437	Ant12	18.06	0.07	18.13	30	Pass
NVNT	b	2462	Ant12	18.22	0.07	18.29	30	Pass
NVNT	g	2412	Ant12	15.28	0.41	15.69	30	Pass
NVNT	g	2437	Ant12	15.48	0.39	15.87	30	Pass
NVNT	g	2462	Ant12	15.56	0.39	15.95	30	Pass
NVNT	n20	2412	Ant12	13.15	0.46	13.61	30	Pass
NVNT	n20	2437	Ant12	13.38	0.45	13.83	30	Pass
NVNT	n20	2462	Ant12	13.43	0.44	13.87	30	Pass

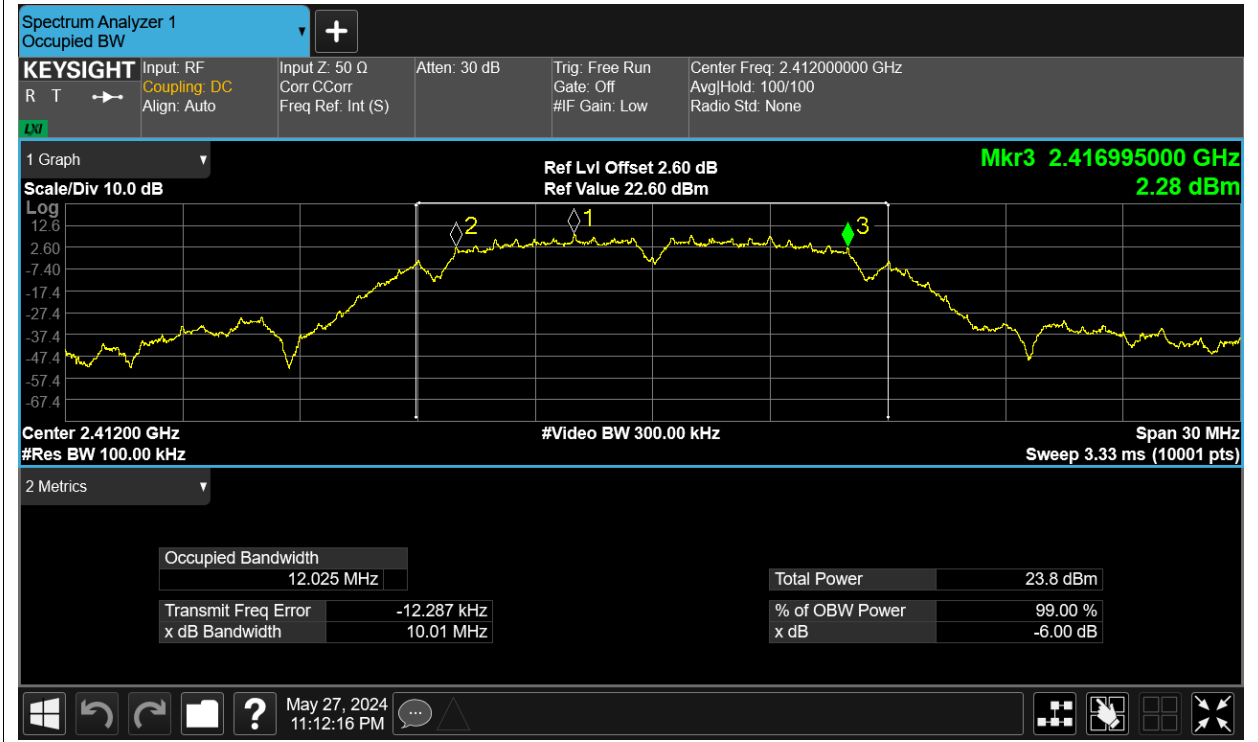
## -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant12	10.015	0.5	Pass
NVNT	b	2437	Ant12	9.061	0.5	Pass
NVNT	b	2462	Ant12	9.071	0.5	Pass
NVNT	g	2412	Ant12	16.32	0.5	Pass
NVNT	g	2437	Ant12	16.34	0.5	Pass
NVNT	g	2462	Ant12	16.34	0.5	Pass
NVNT	n20	2412	Ant12	17.134	0.5	Pass
NVNT	n20	2437	Ant12	17.177	0.5	Pass
NVNT	n20	2462	Ant12	17.121	0.5	Pass

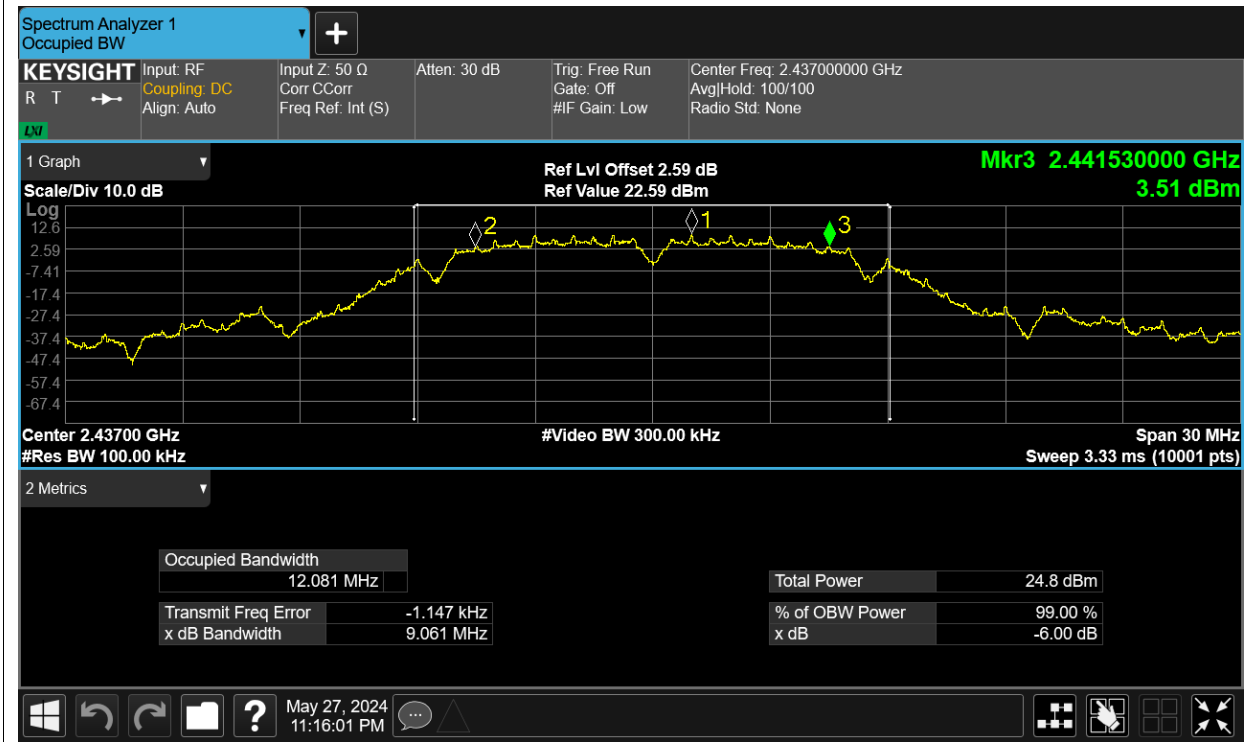


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant12



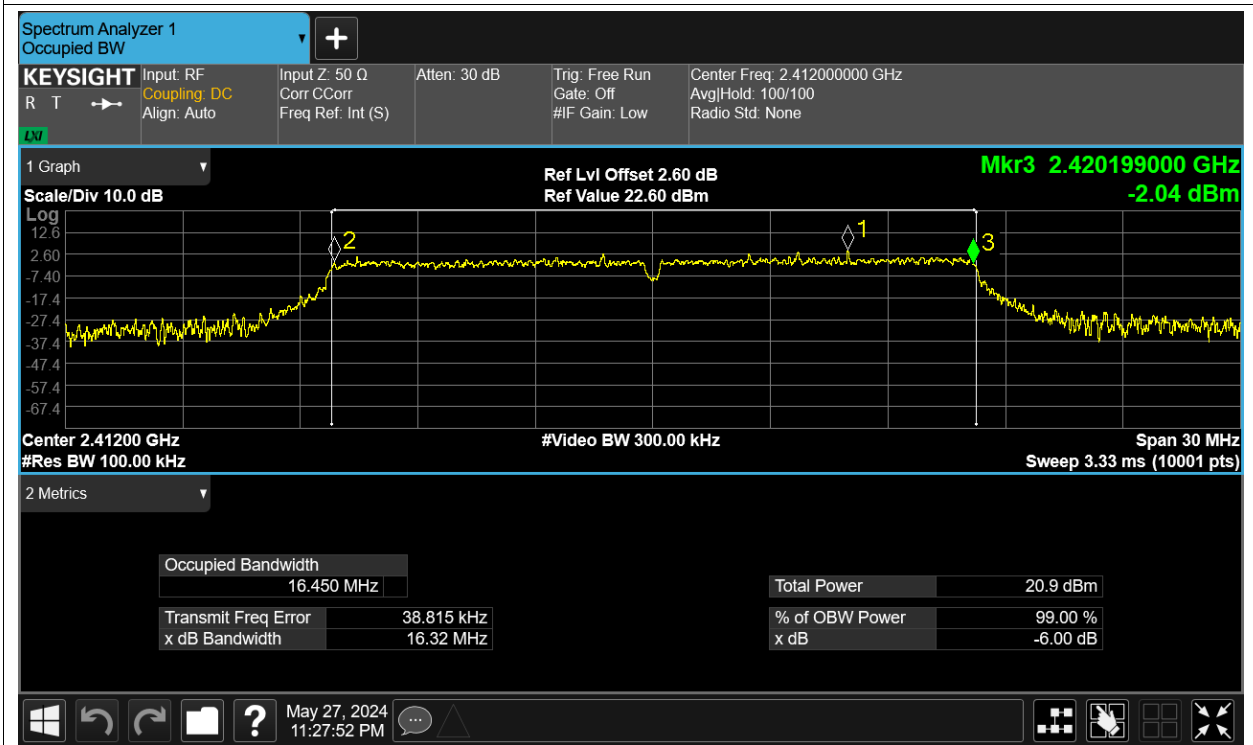
-6dB Bandwidth NVNT b 2437MHz Ant12



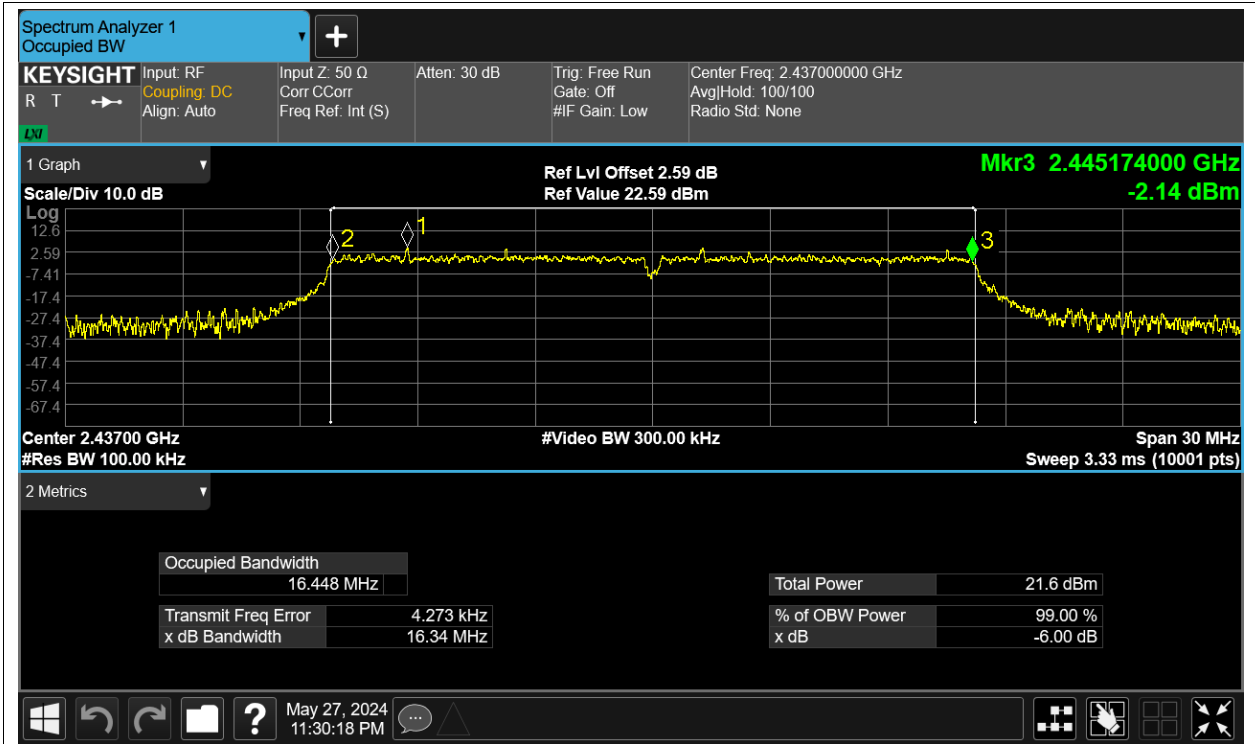
-6dB Bandwidth NVNT b 2462MHz Ant12



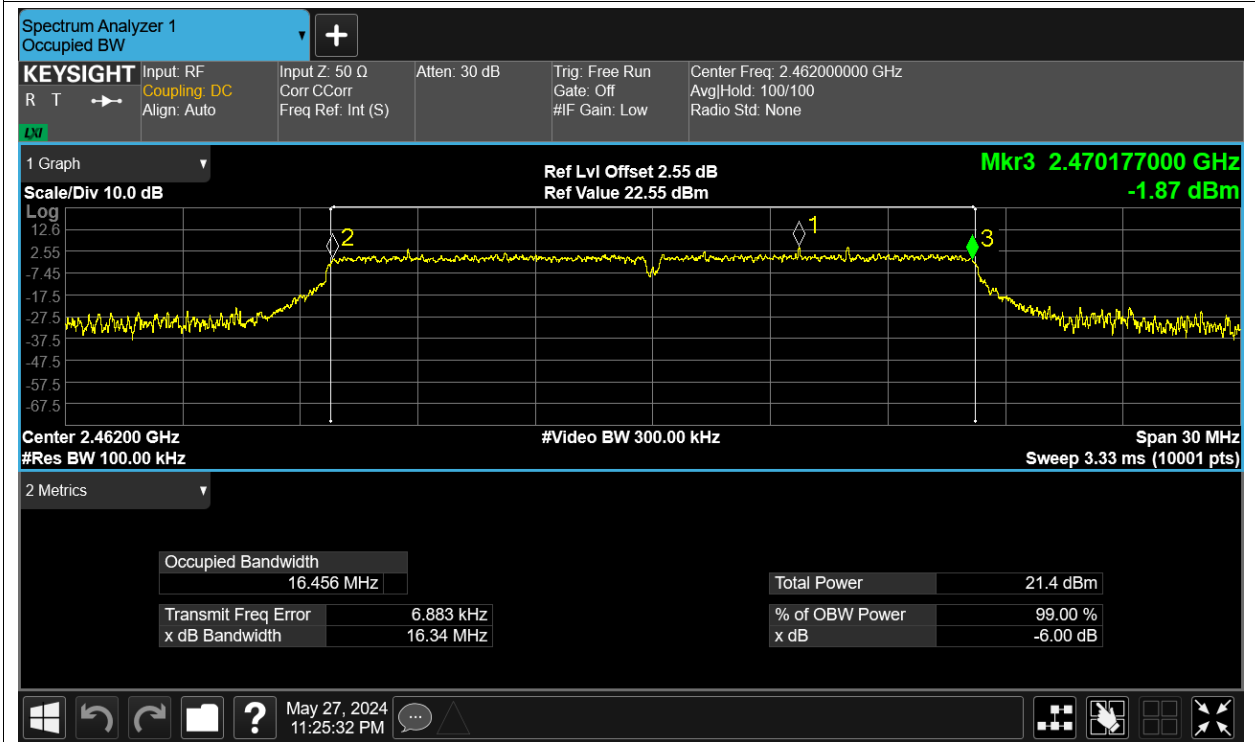
-6dB Bandwidth NVNT g 2412MHz Ant12



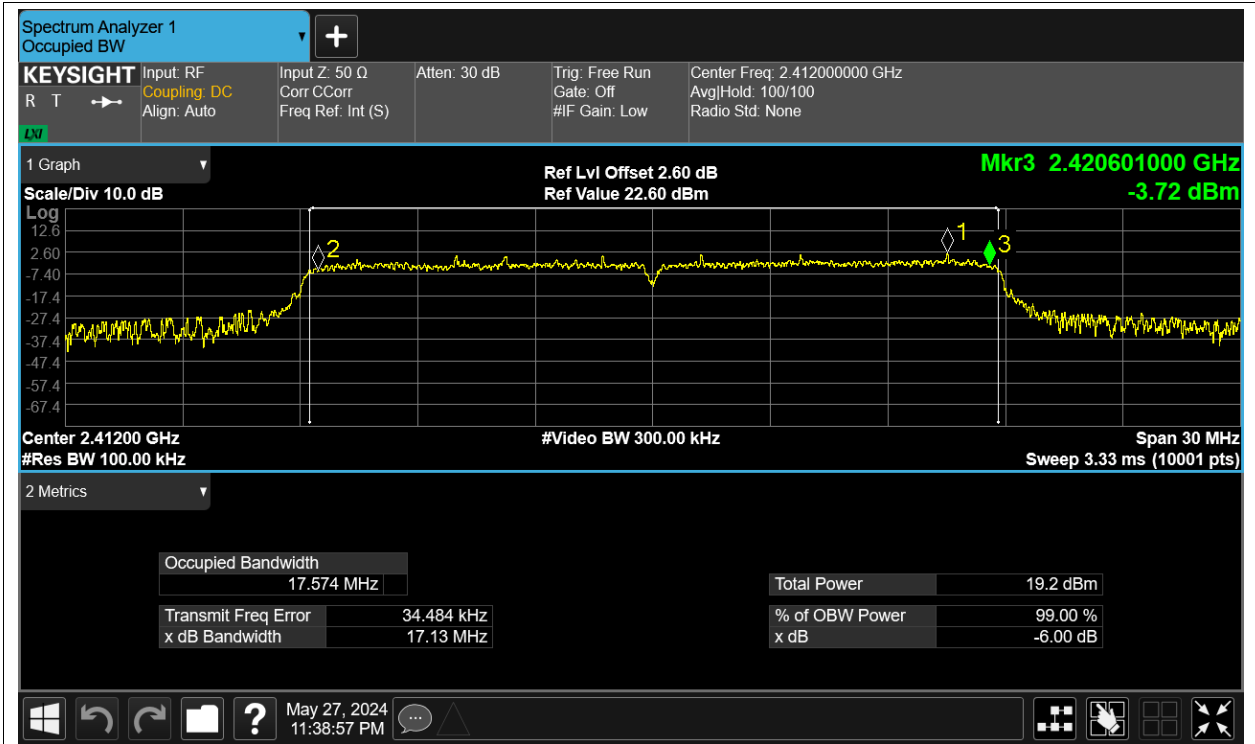
-6dB Bandwidth NVNT g 2437MHz Ant12



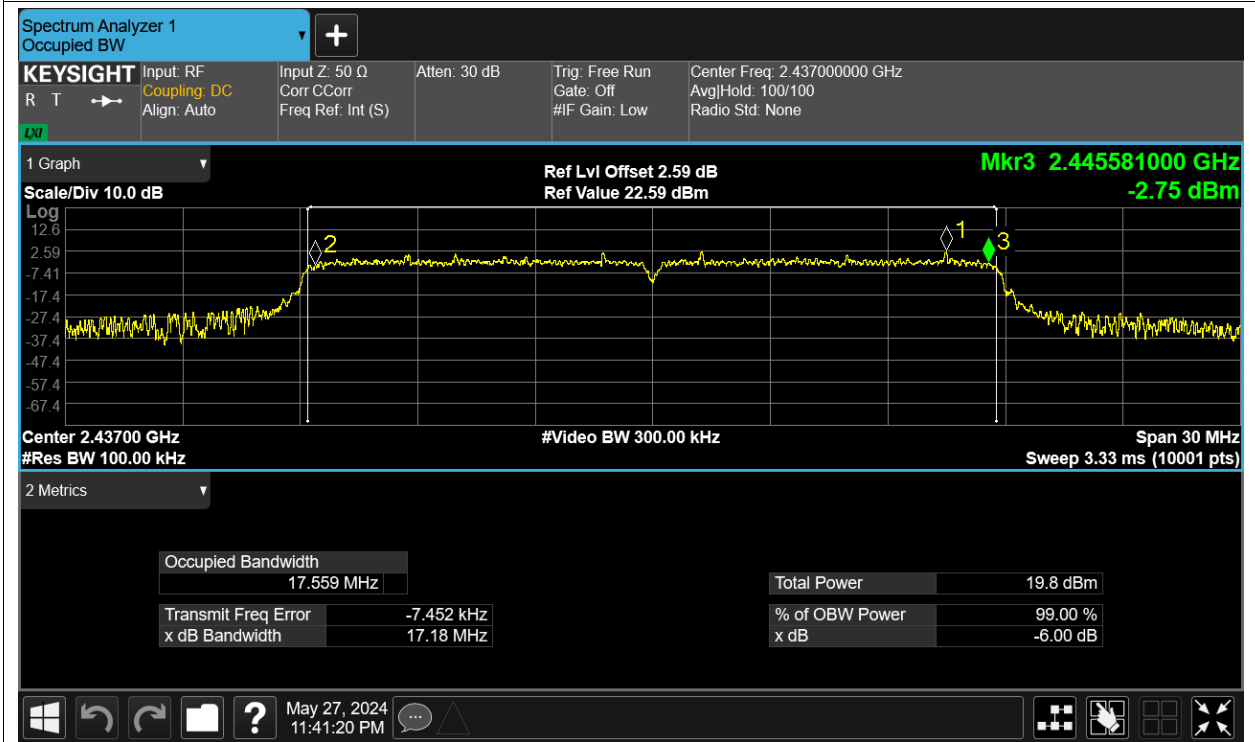
-6dB Bandwidth NVNT g 2462MHz Ant12



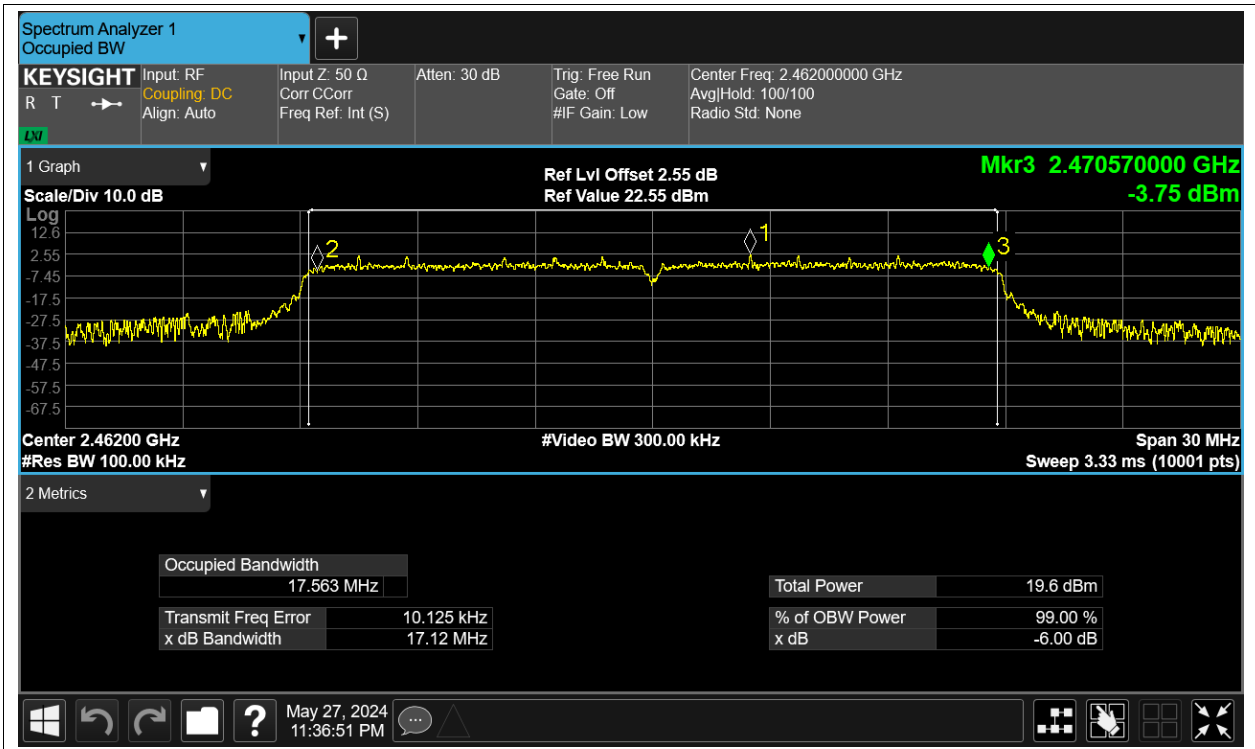
-6dB Bandwidth NVNT n20 2412MHz Ant12



-6dB Bandwidth NVNT n20 2437MHz Ant12



-6dB Bandwidth NVNT n20 2462MHz Ant12

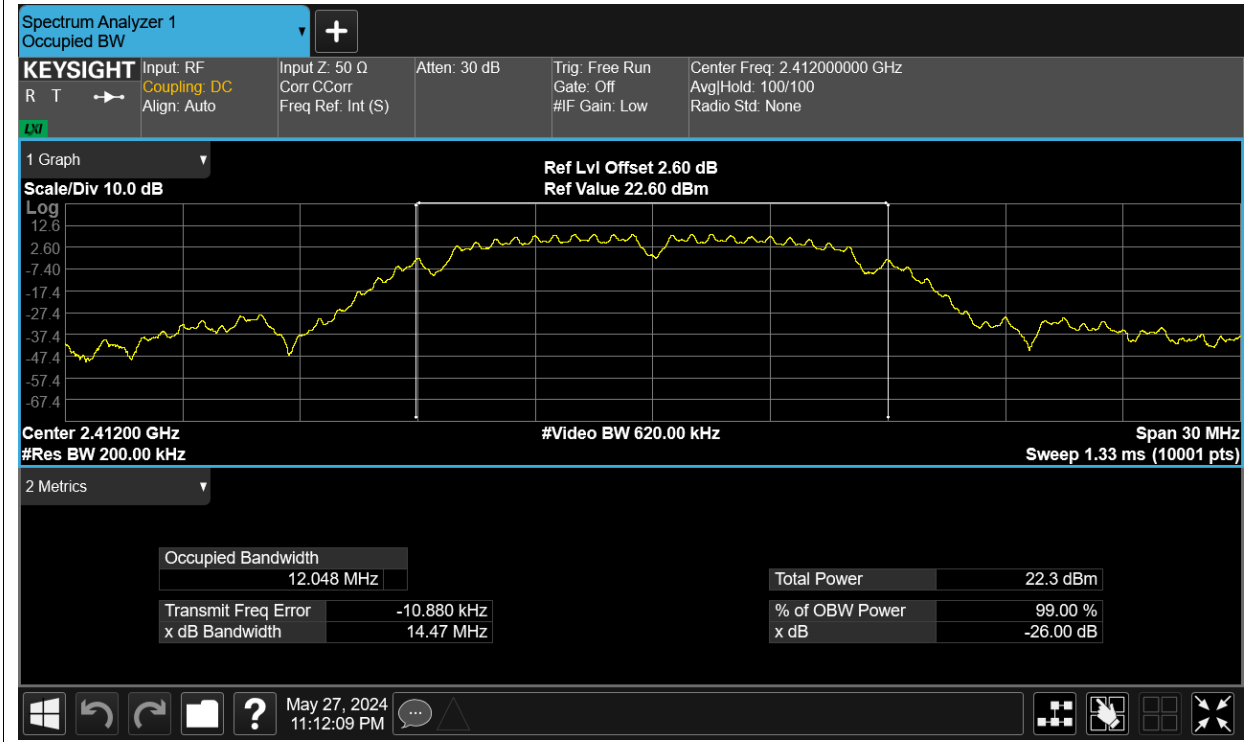


## Occupied Channel Bandwidth

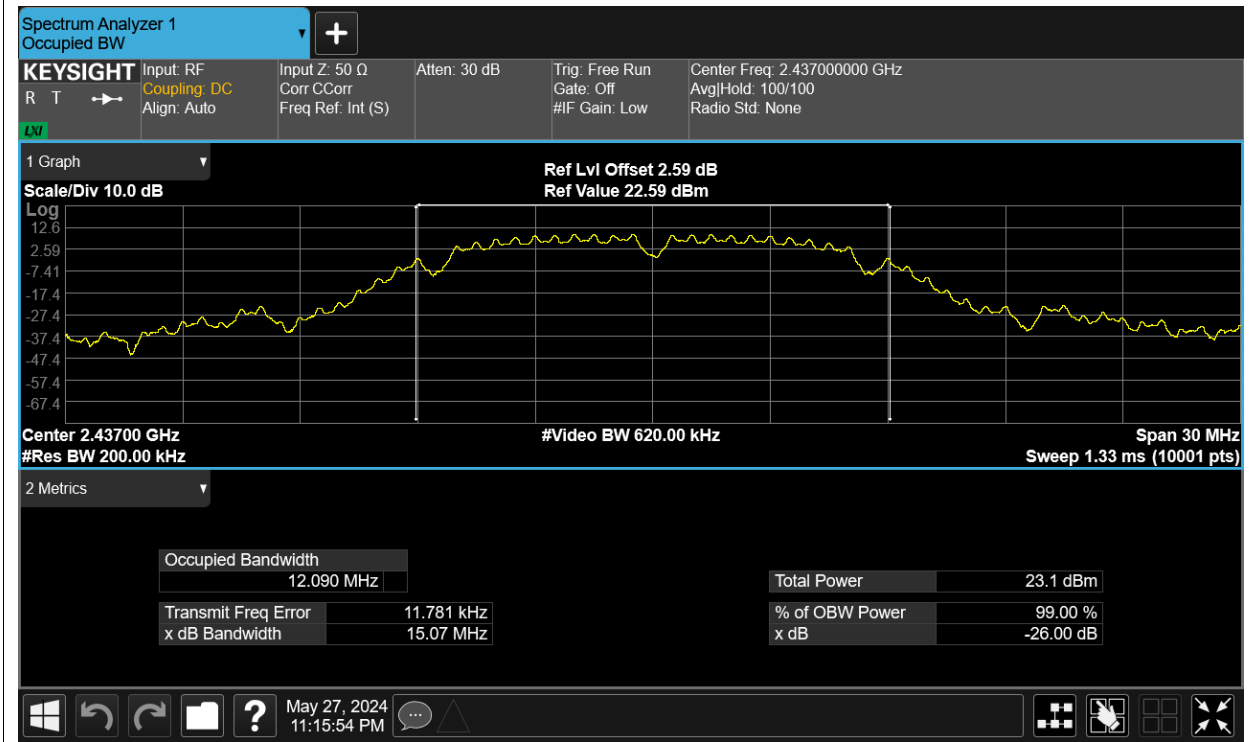
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant12	12.048
NVNT	b	2437	Ant12	12.09
NVNT	b	2462	Ant12	12.067
NVNT	g	2412	Ant12	16.565
NVNT	g	2437	Ant12	16.552
NVNT	g	2462	Ant12	16.548
NVNT	n20	2412	Ant12	17.649
NVNT	n20	2437	Ant12	17.637
NVNT	n20	2462	Ant12	17.612

Test Graphs

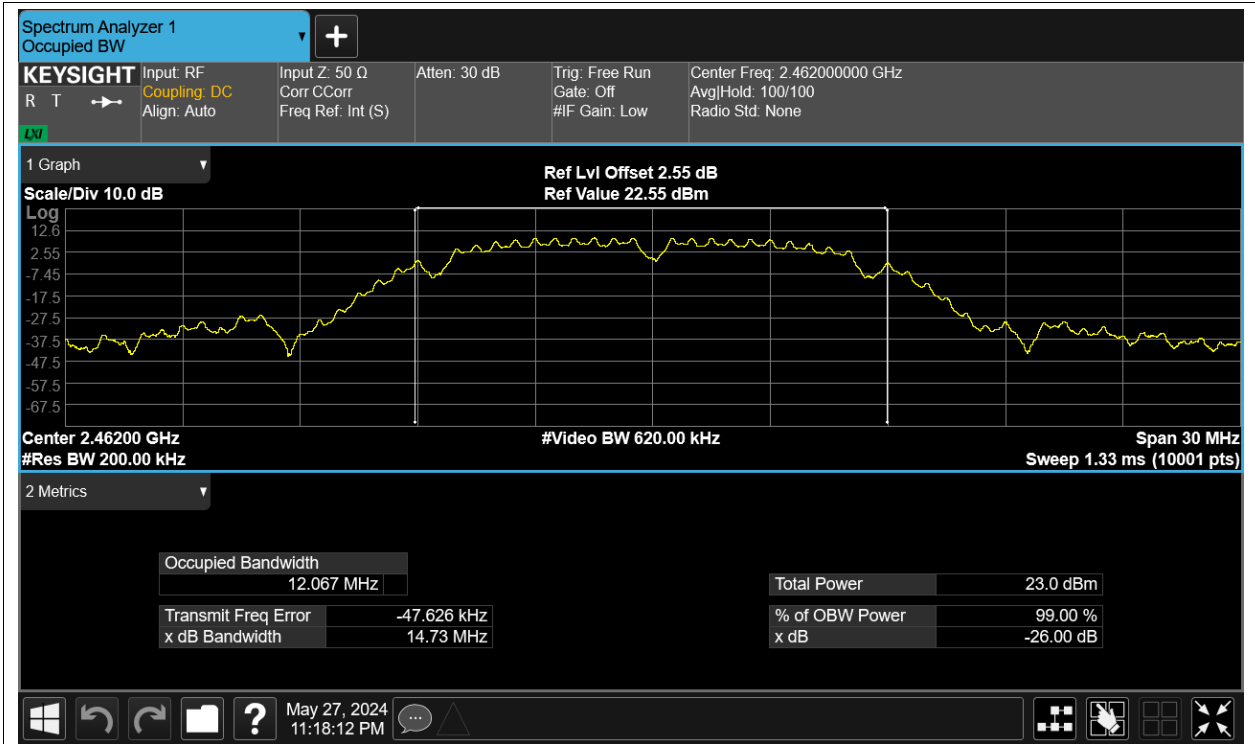
OBW NVNT b 2412MHz Ant12



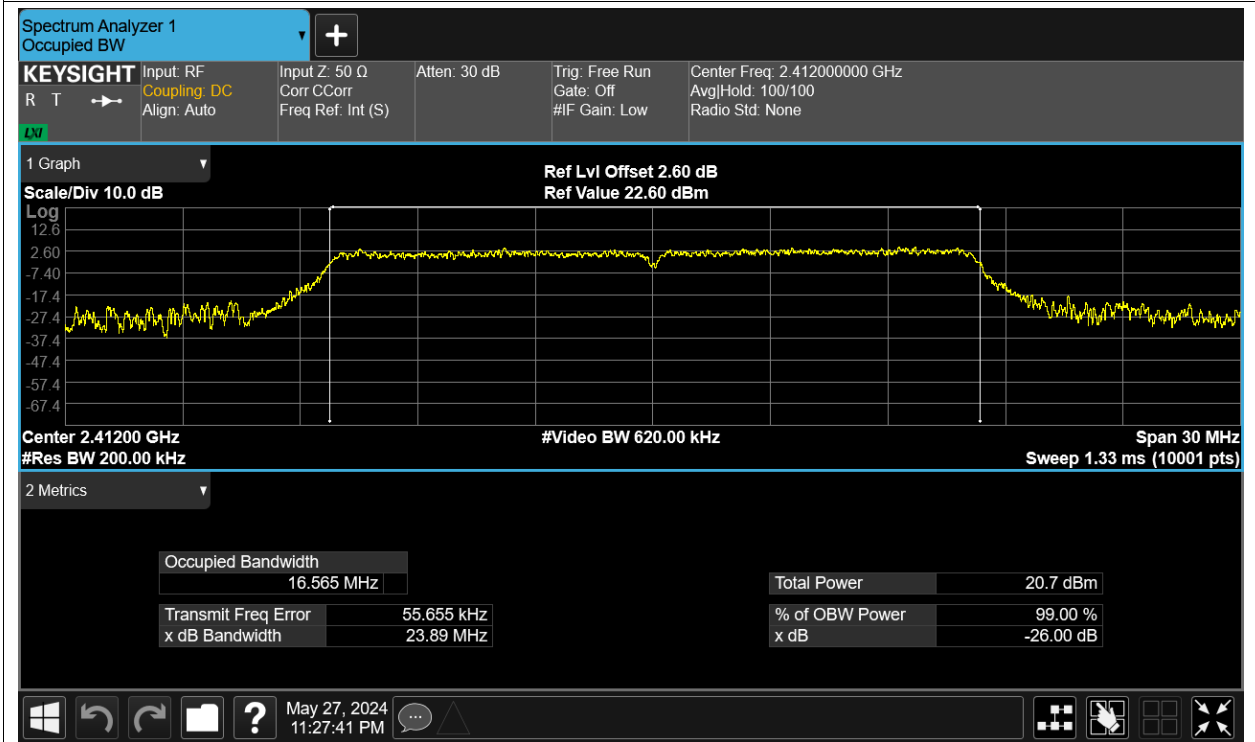
OBW NVNT b 2437MHz Ant12



OBW NVNT b 2462MHz Ant12

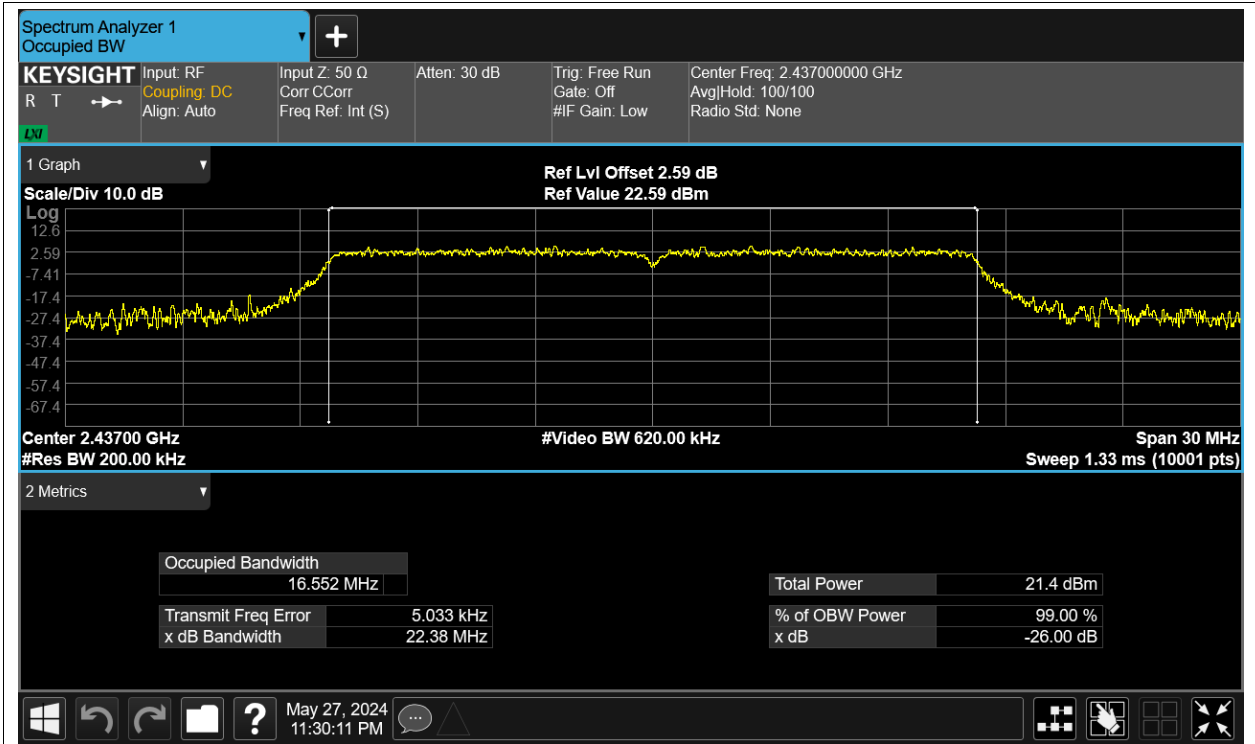


OBW NVNT g 2412MHz Ant12

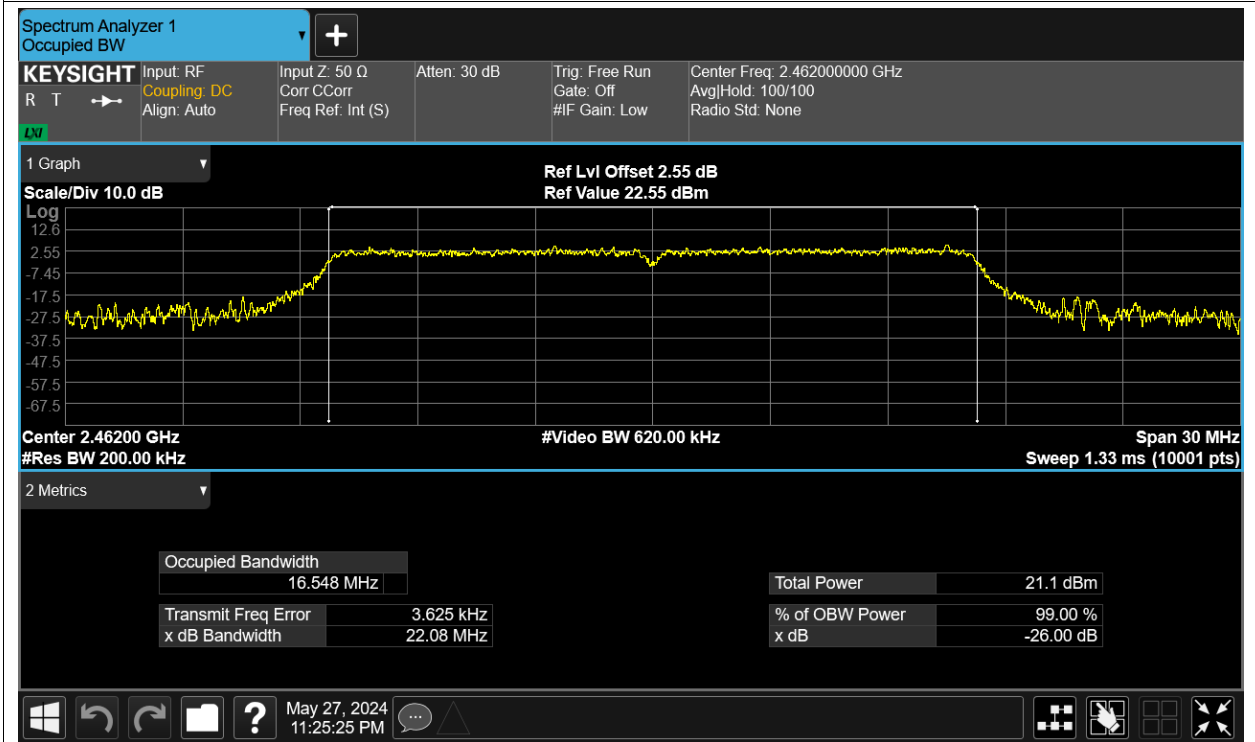


OBW NVNT g 2437MHz Ant12

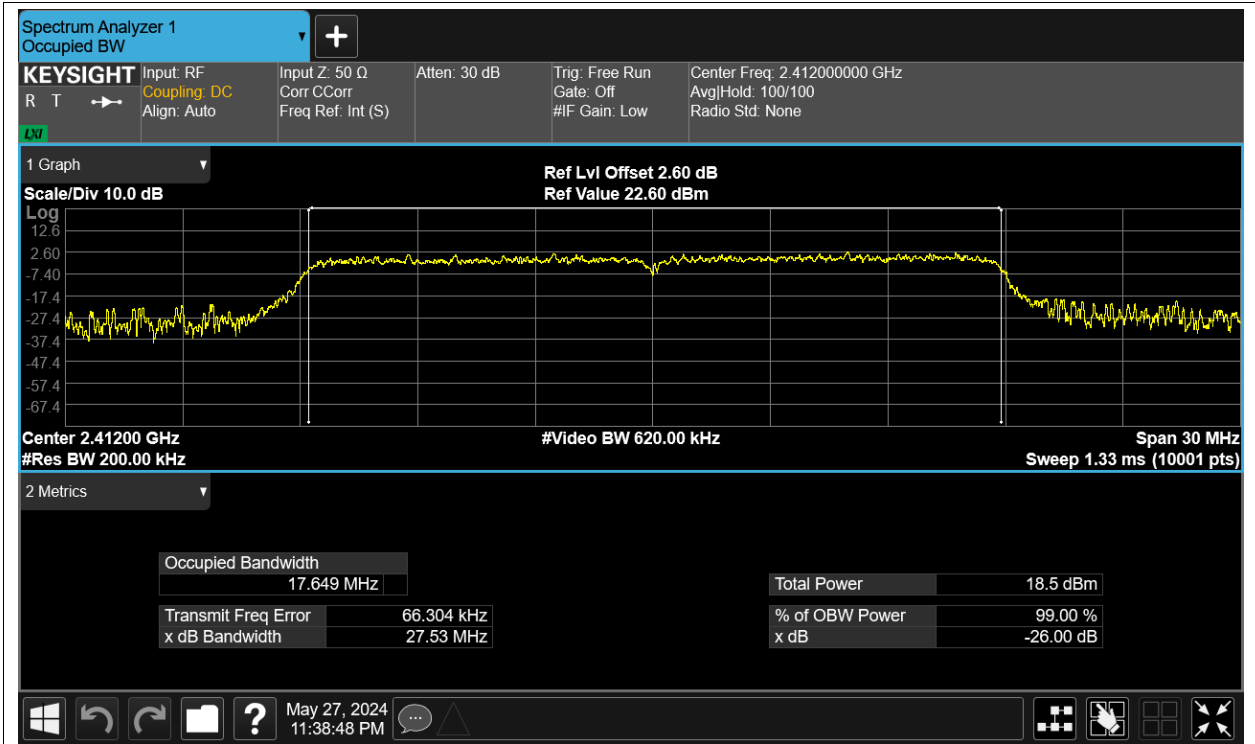




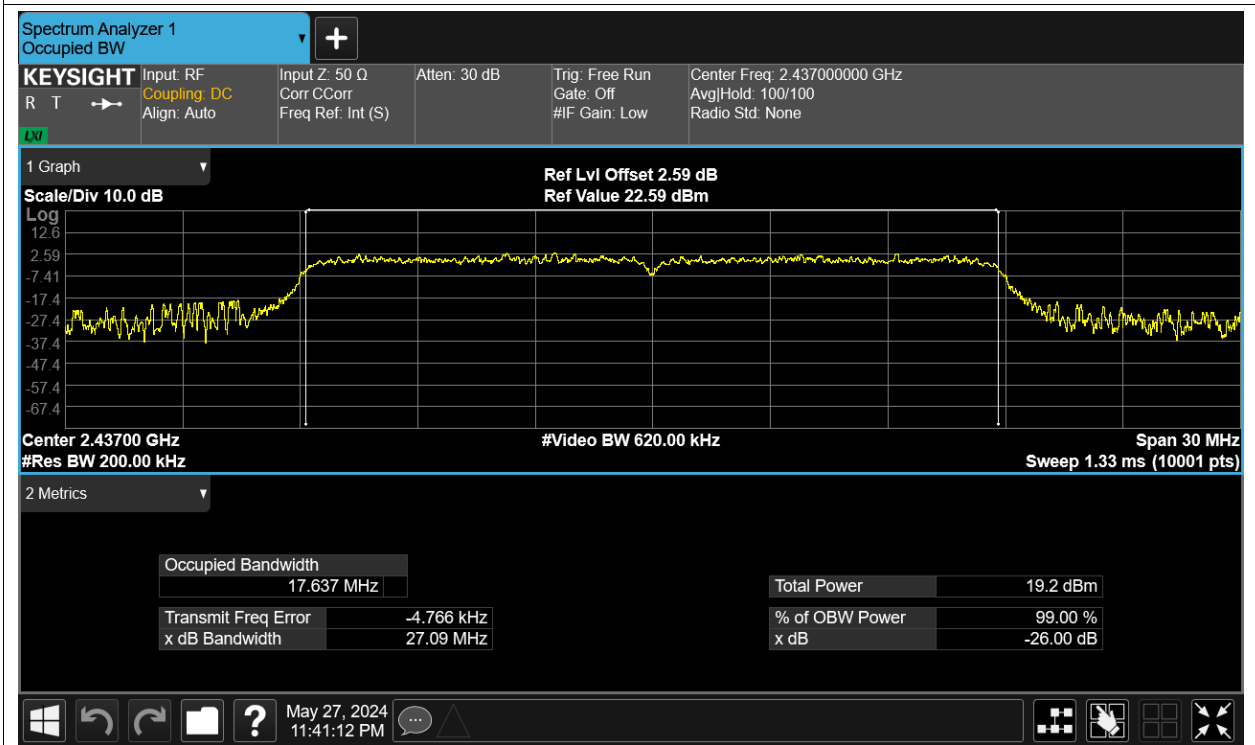
OBW NVNT g 2462MHz Ant12



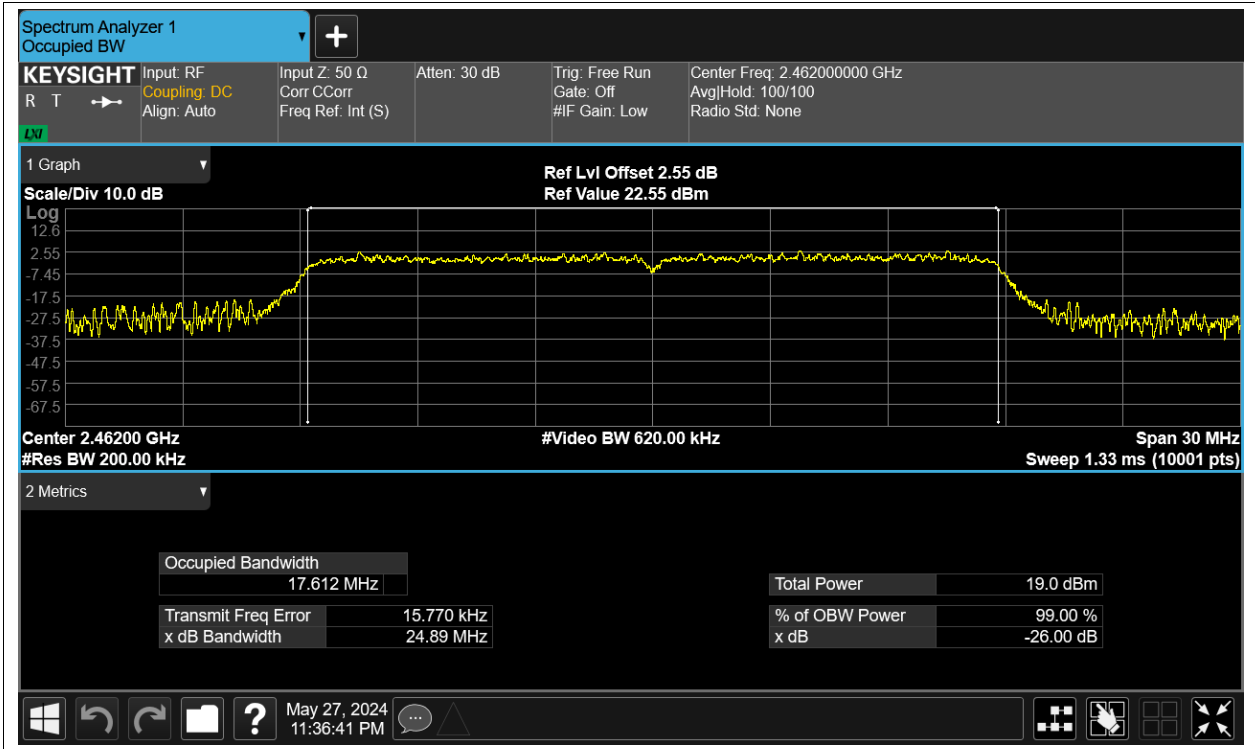
OBW NVNT n20 2412MHz Ant12



OBW NVNT n20 2437MHz Ant12



OBW NVNT n20 2462MHz Ant12

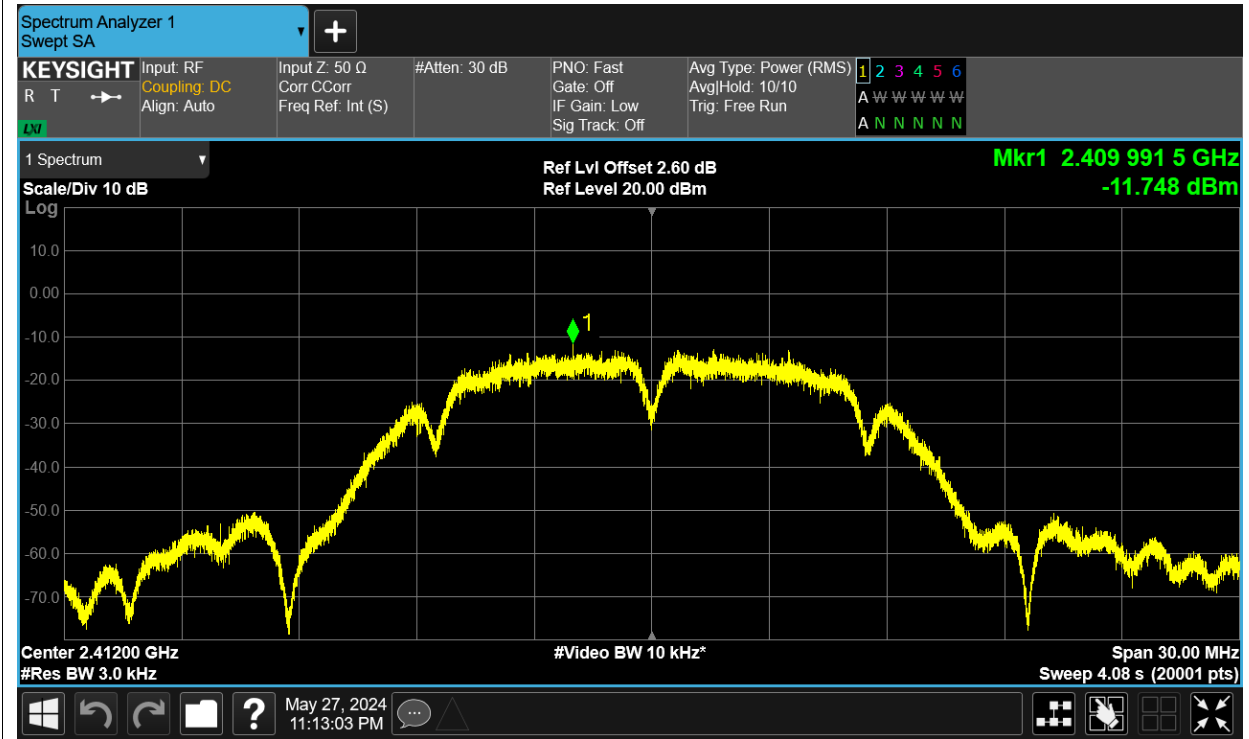


## Maximum Power Spectral Density Level

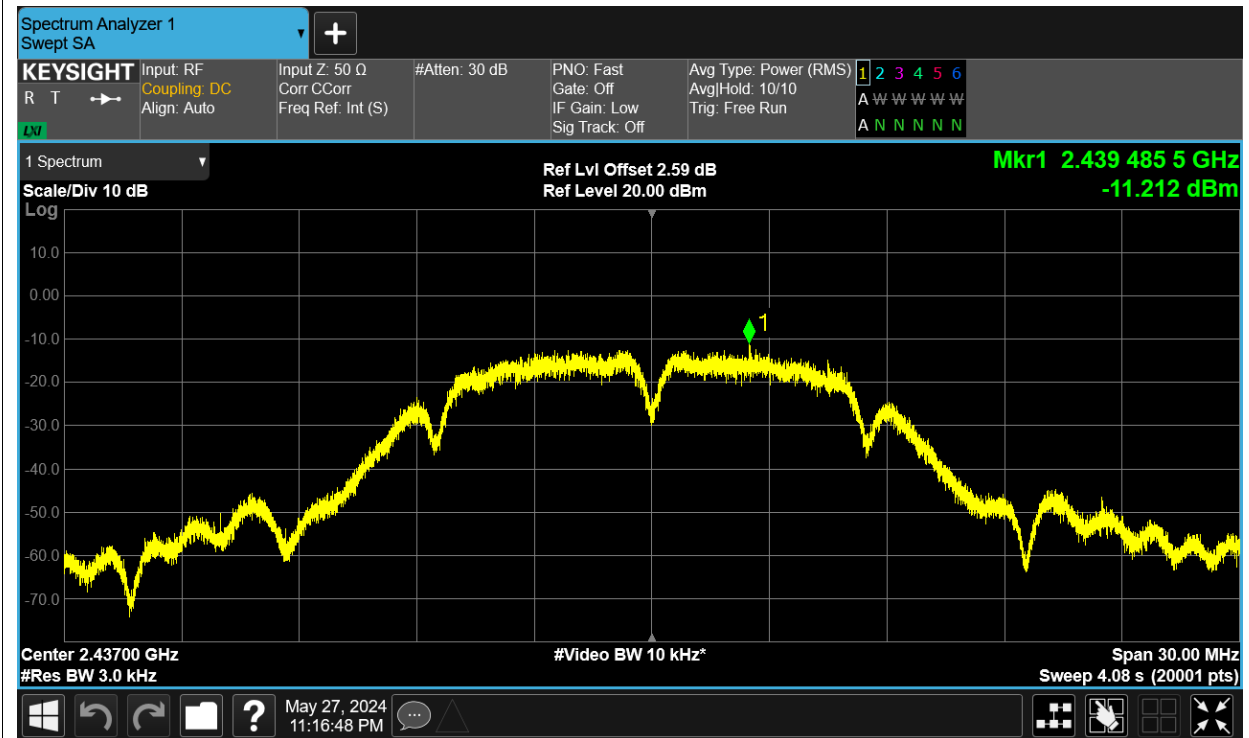
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant12	-11.748	8	Pass
NVNT	b	2437	Ant12	-11.212	8	Pass
NVNT	b	2462	Ant12	-11.481	8	Pass
NVNT	g	2412	Ant12	-17.199	8	Pass
NVNT	g	2437	Ant12	-16.548	8	Pass
NVNT	g	2462	Ant12	-17.297	8	Pass
NVNT	n20	2412	Ant12	-20.08	8	Pass
NVNT	n20	2437	Ant12	-19.104	8	Pass
NVNT	n20	2462	Ant12	-19.265	8	Pass

Test Graphs

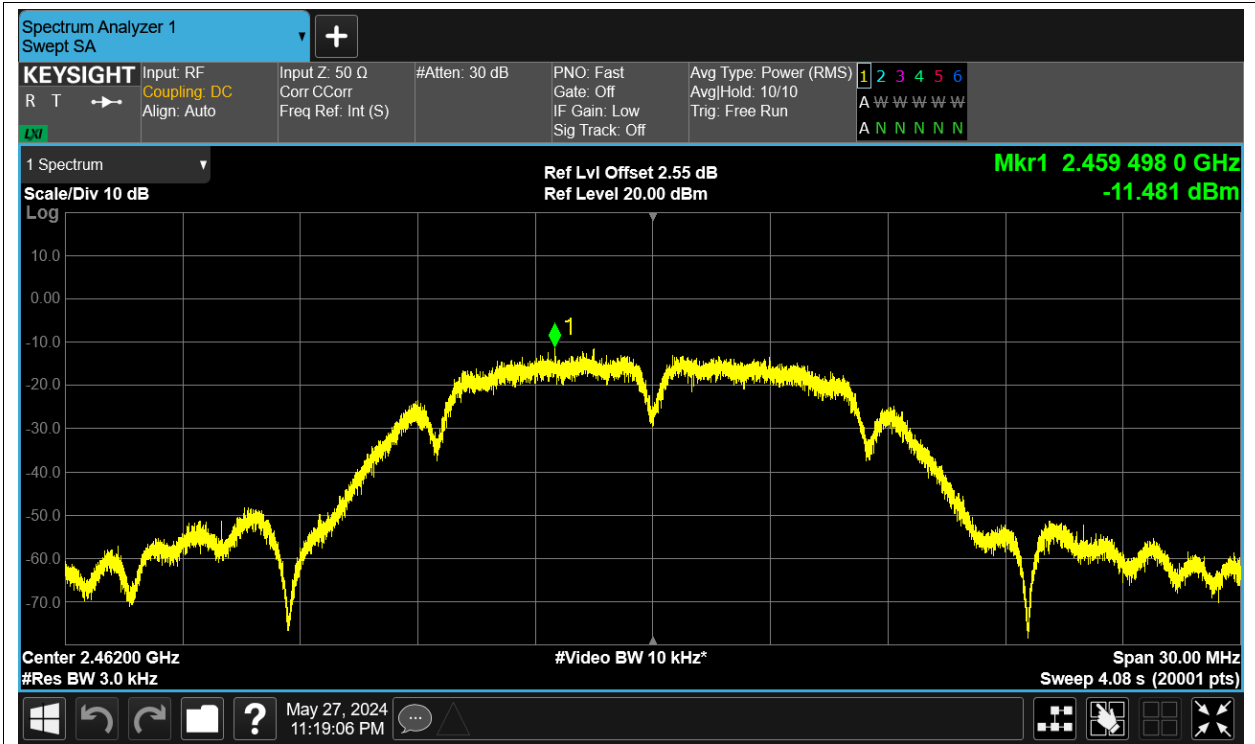
PSD NVNT b 2412MHz Ant12



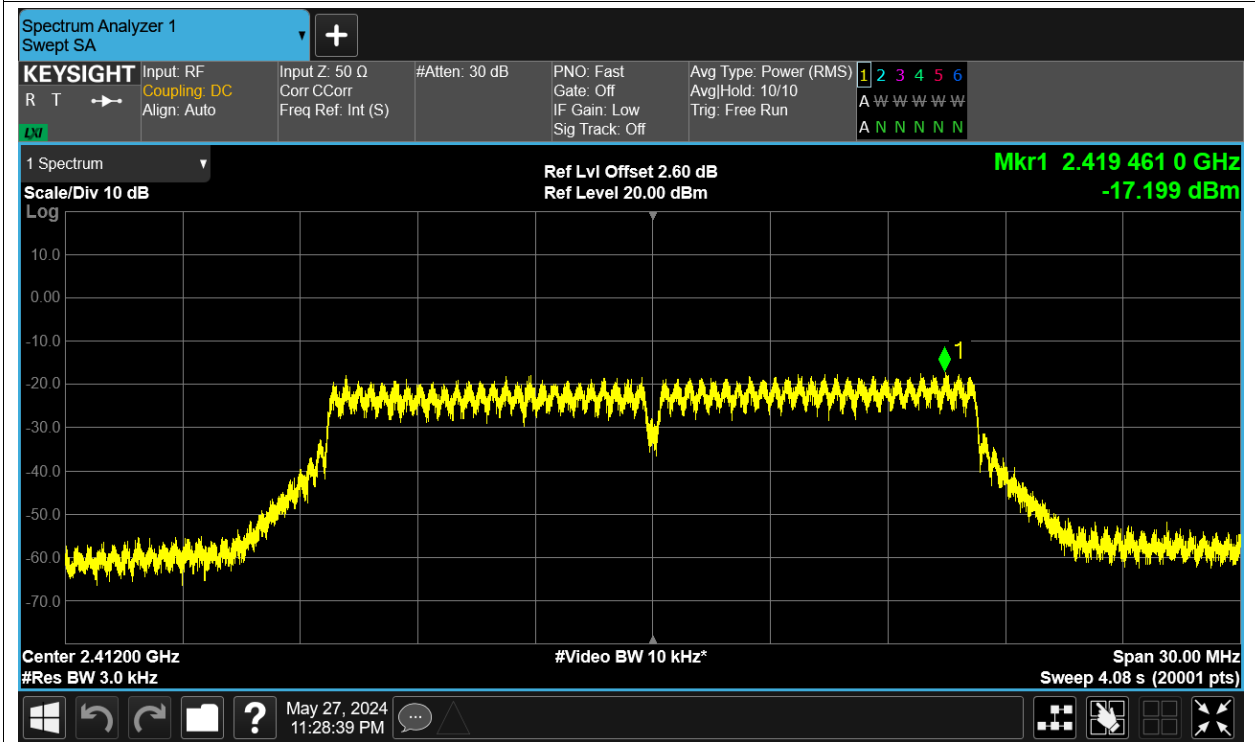
PSD NVNT b 2437MHz Ant12



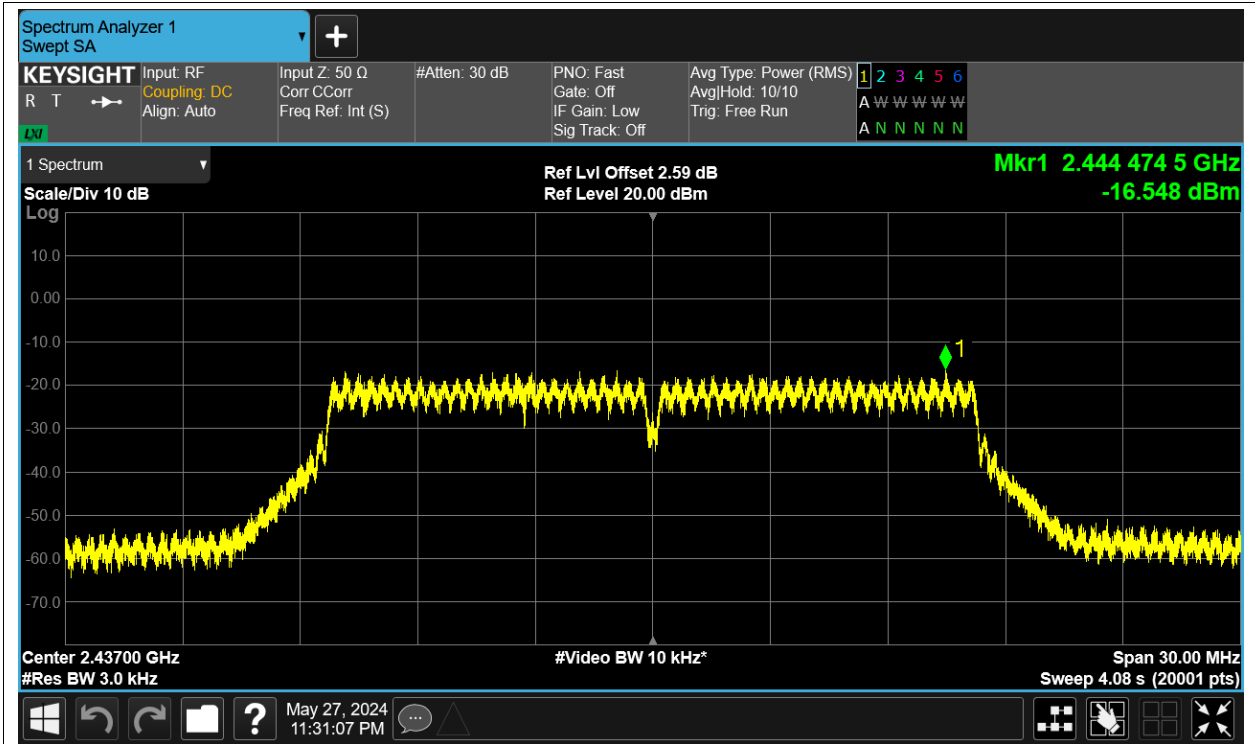
PSD NVNT b 2462MHz Ant12



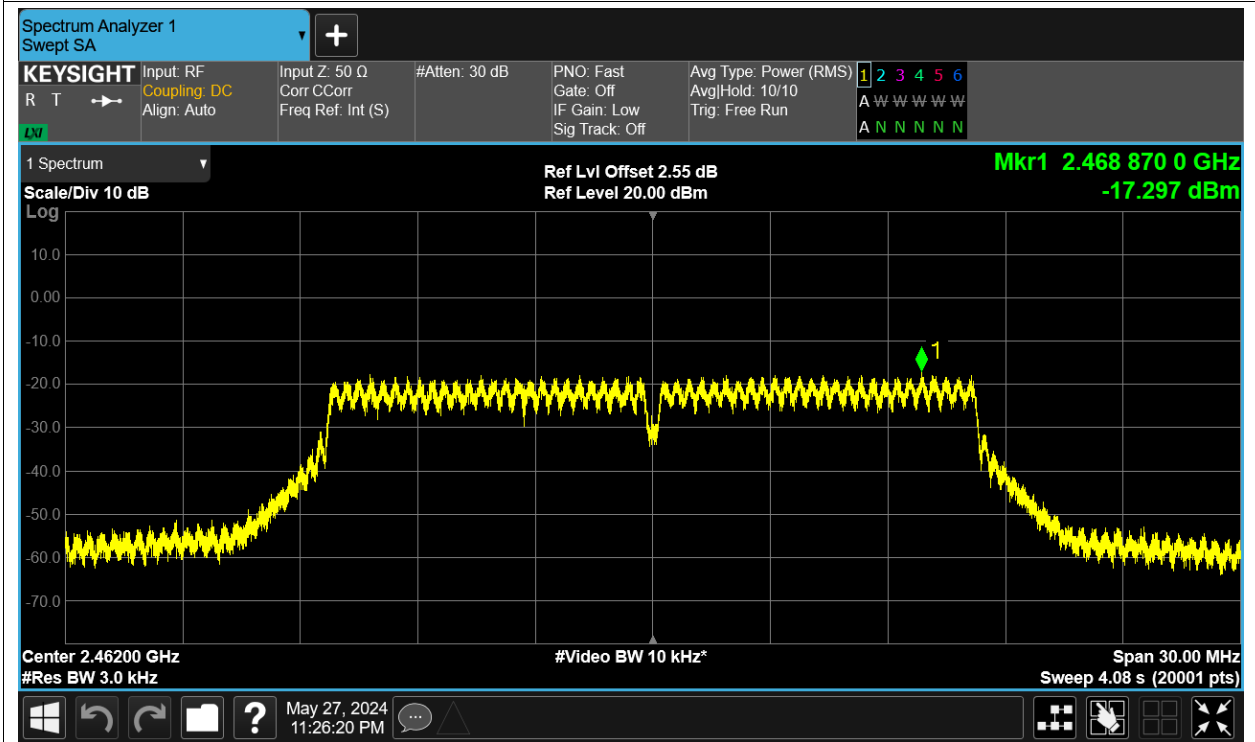
PSD NVNT g 2412MHz Ant12



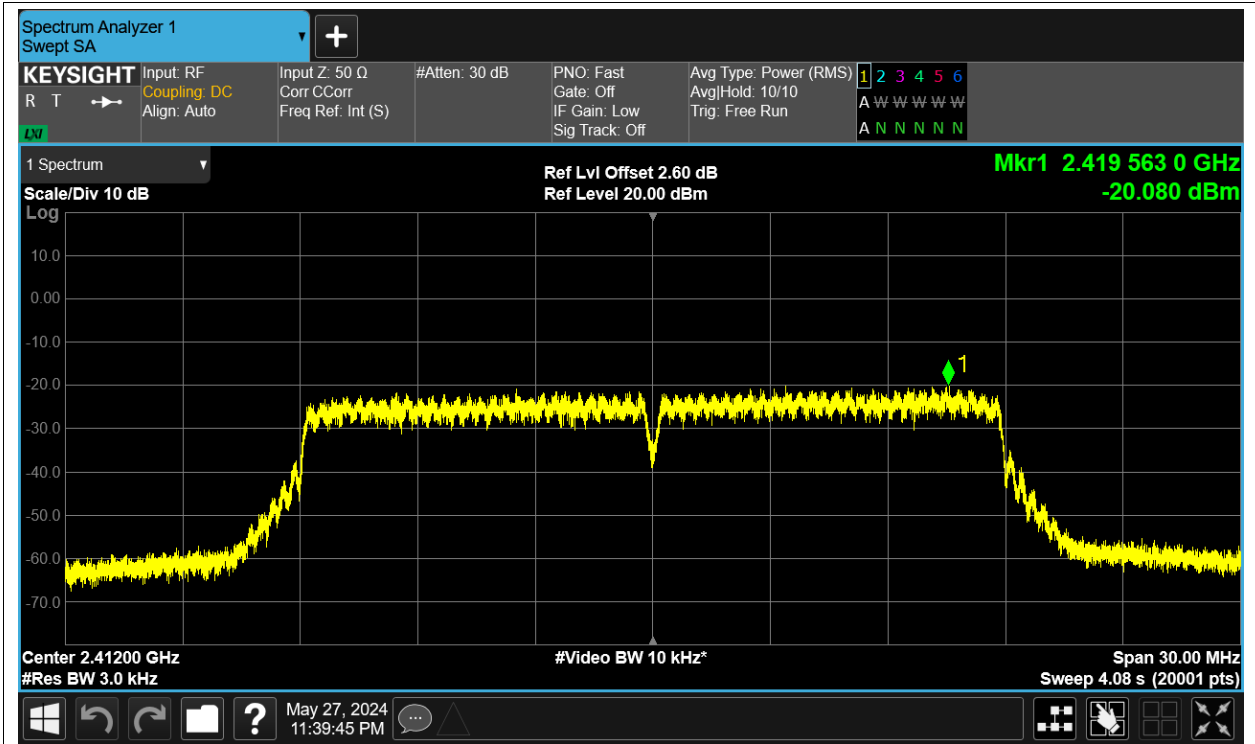
PSD NVNT g 2437MHz Ant12



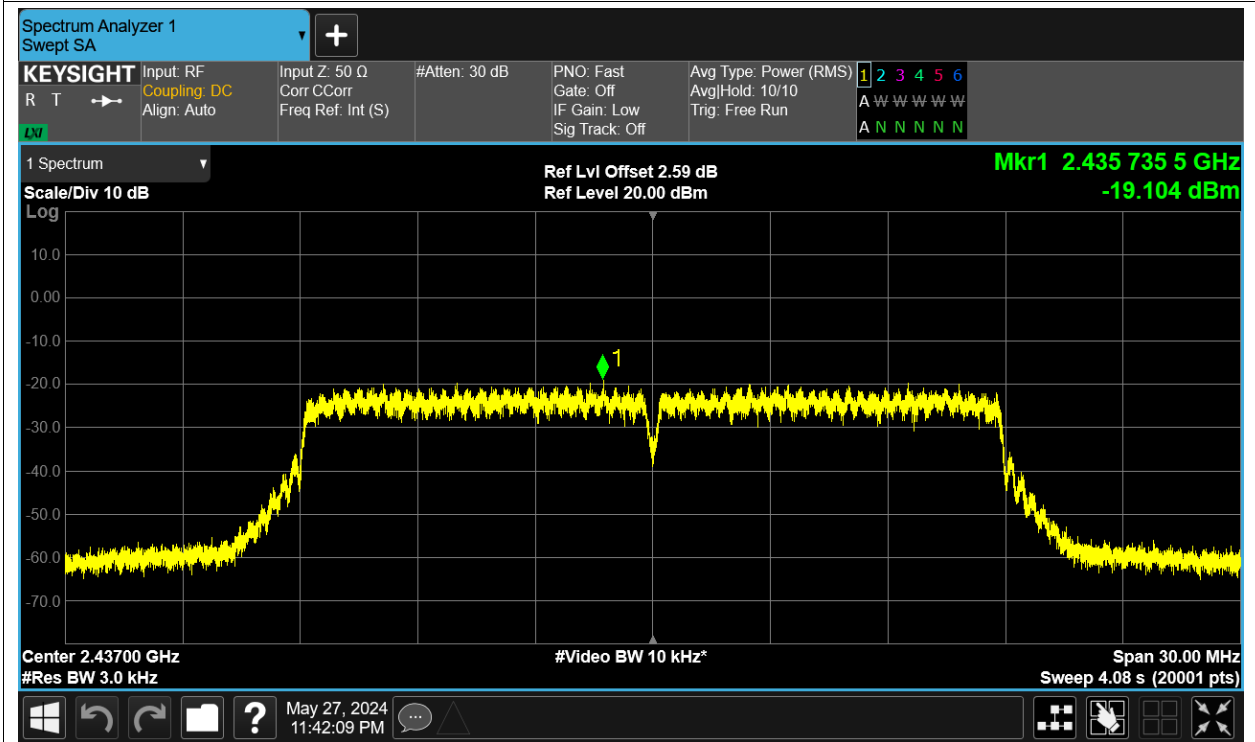
PSD NVNT g 2462MHz Ant12



PSD NVNT n20 2412MHz Ant12

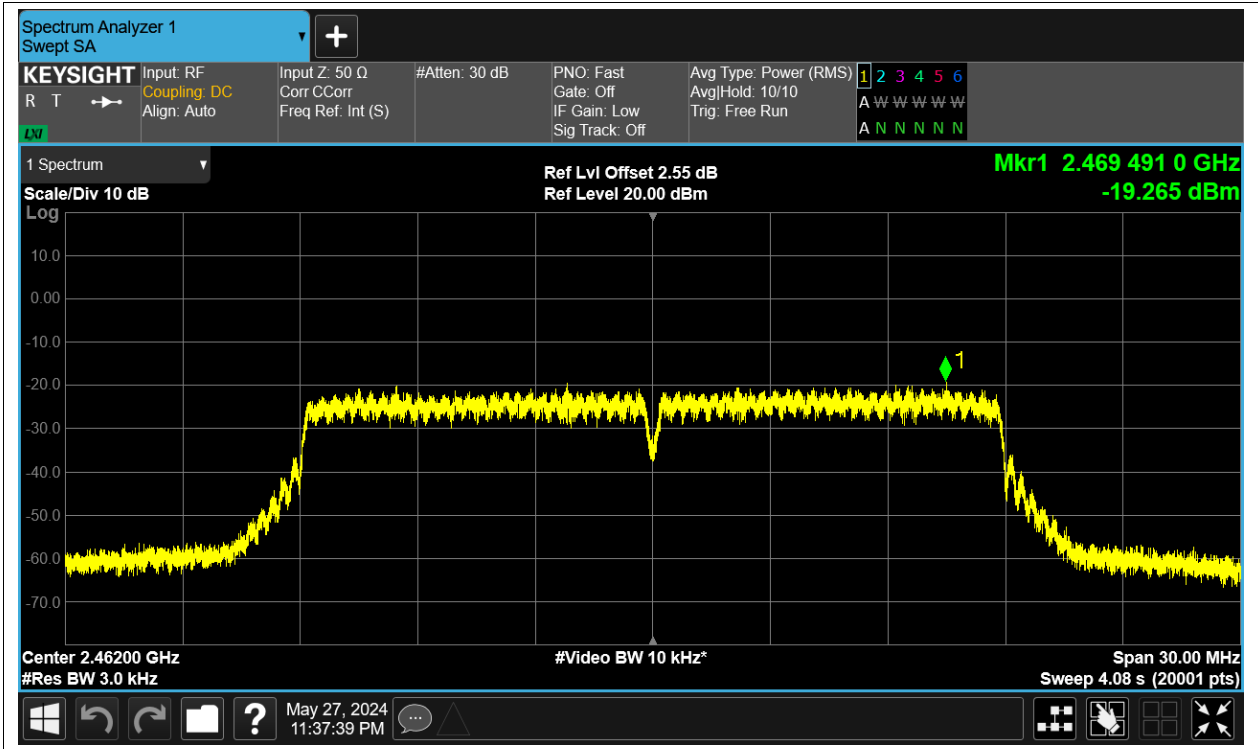


PSD NVNT n20 2437MHz Ant12



PSD NVNT n20 2462MHz Ant12



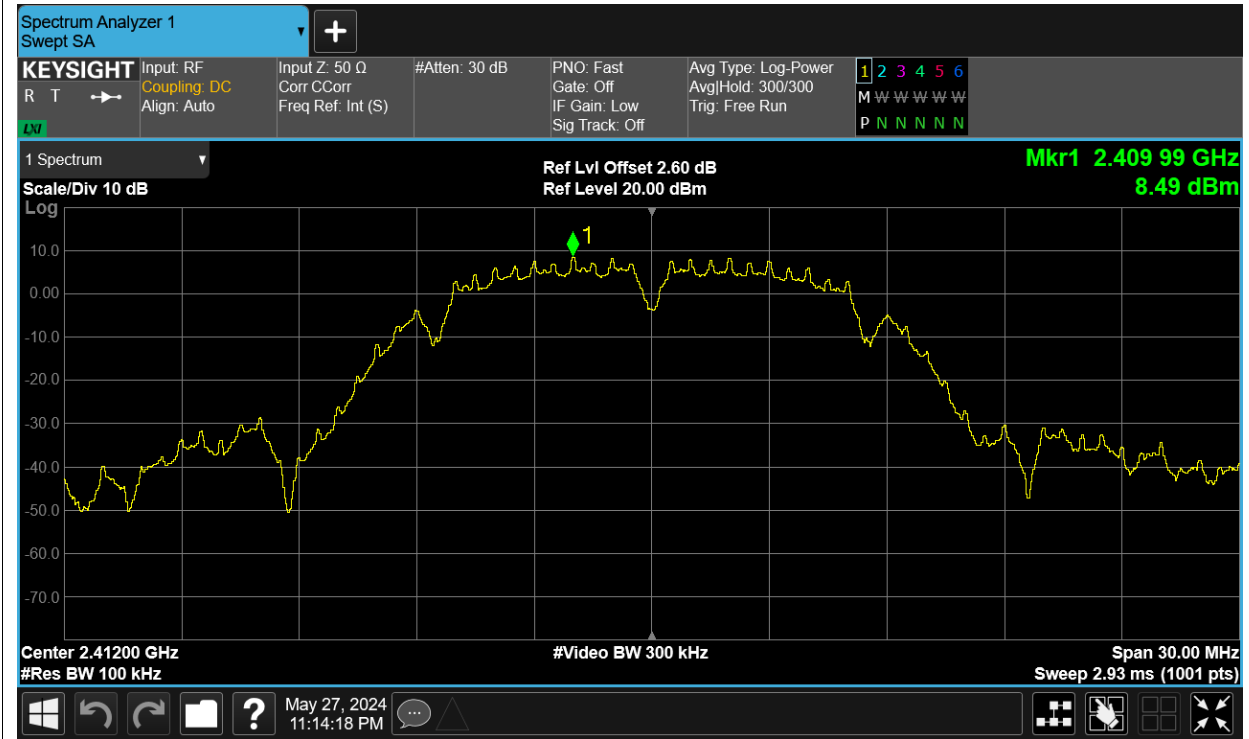


## Band Edge

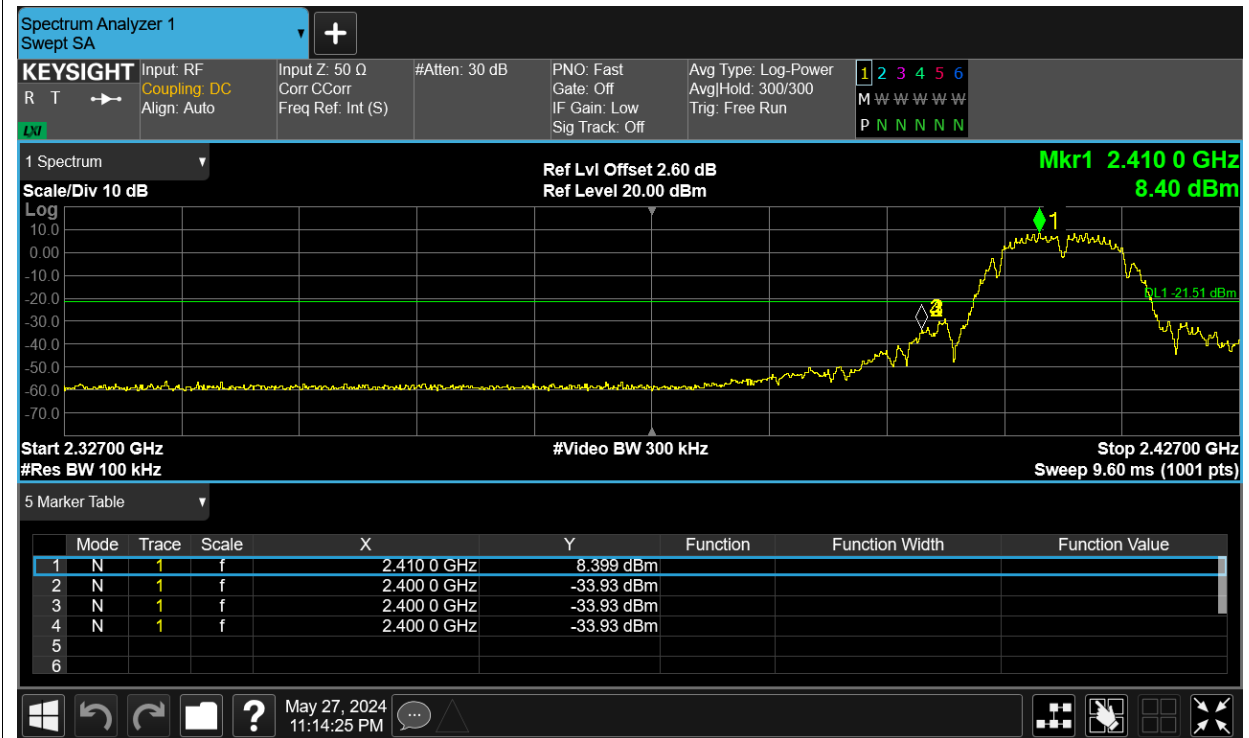
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant12	-42.42	-30	Pass
NVNT	b	2462	Ant12	-58.68	-30	Pass
NVNT	g	2412	Ant12	-31.03	-30	Pass
NVNT	g	2462	Ant12	-39.89	-30	Pass
NVNT	n20	2412	Ant12	-30.48	-30	Pass
NVNT	n20	2462	Ant12	-41.26	-30	Pass

Test Graphs

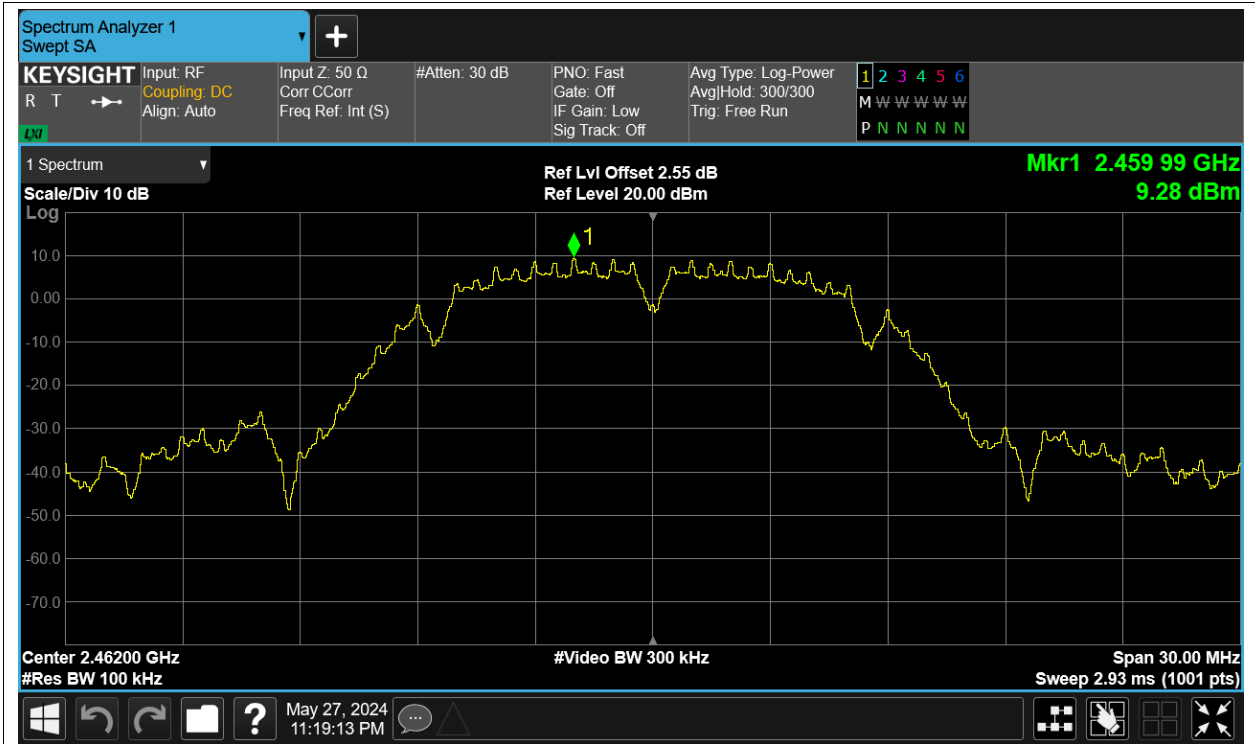
Band Edge NVNT b 2412MHz Ant12 Ref



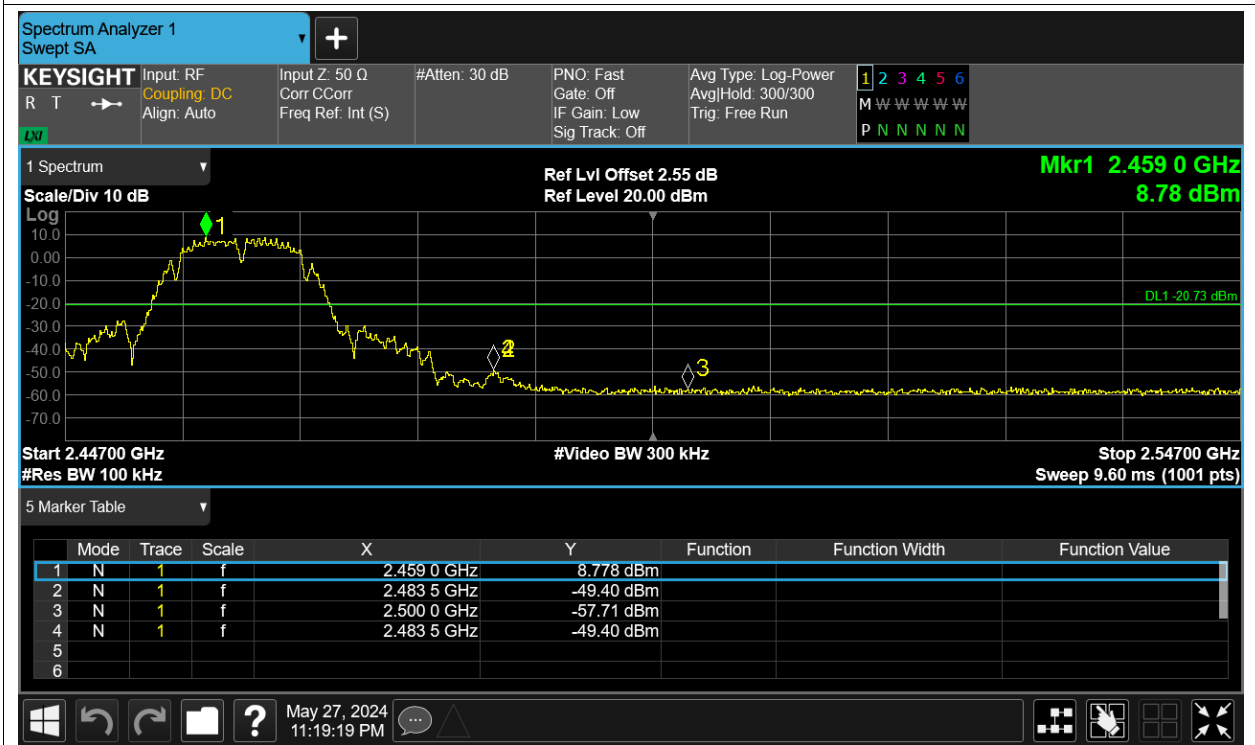
Band Edge NVNT b 2412MHz Ant12 Emission



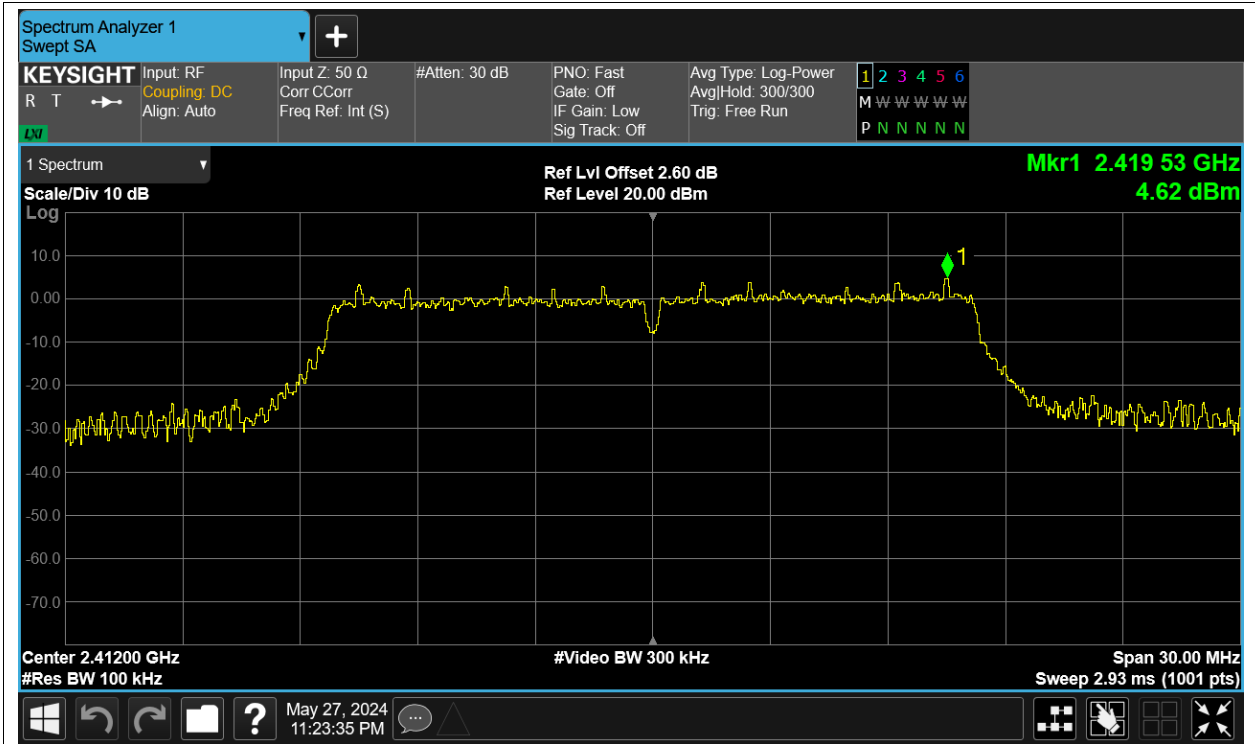
Band Edge NVNT b 2462MHz Ant12 Ref



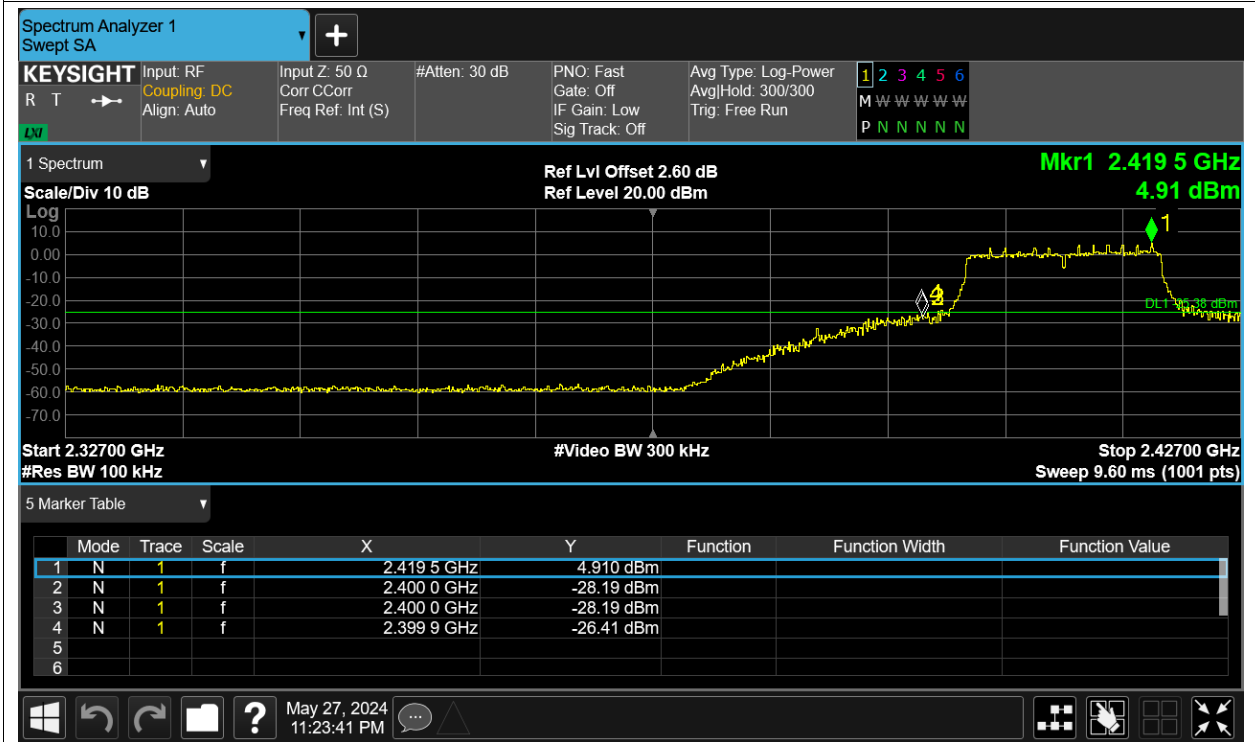
Band Edge NVNT b 2462MHz Ant12 Emission



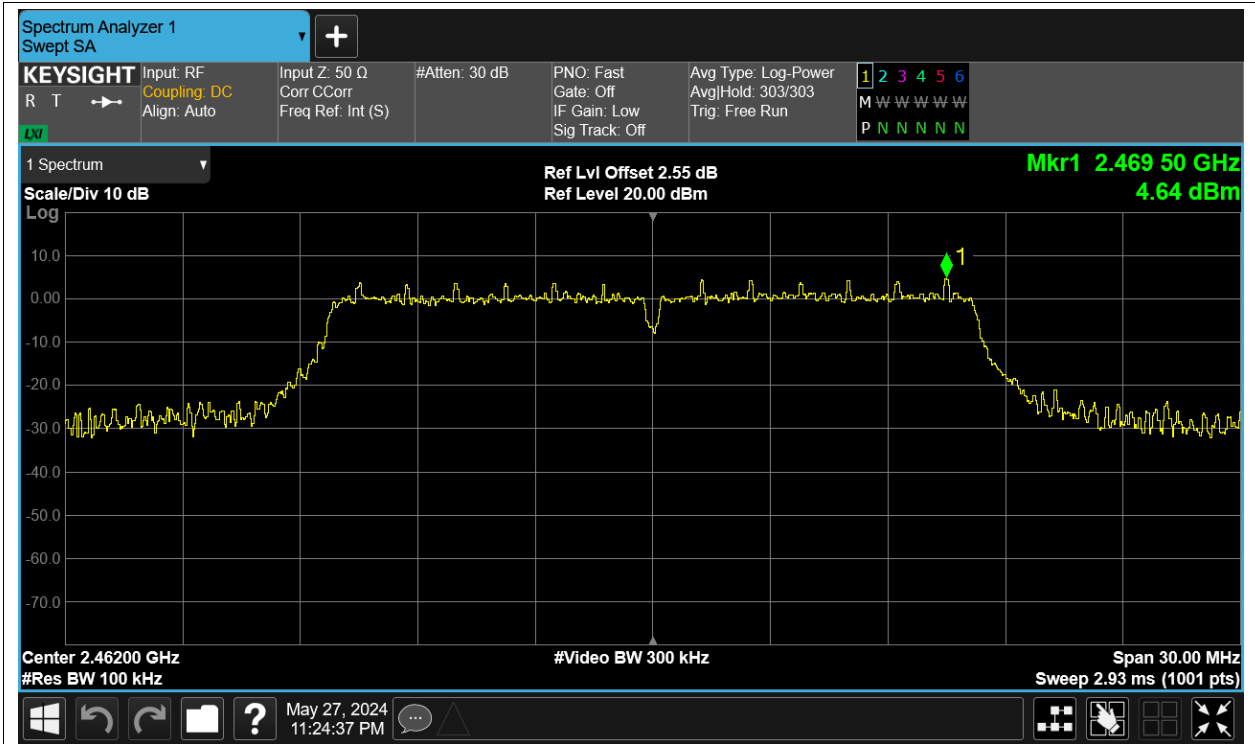
Band Edge NVNT g 2412MHz Ant12 Ref



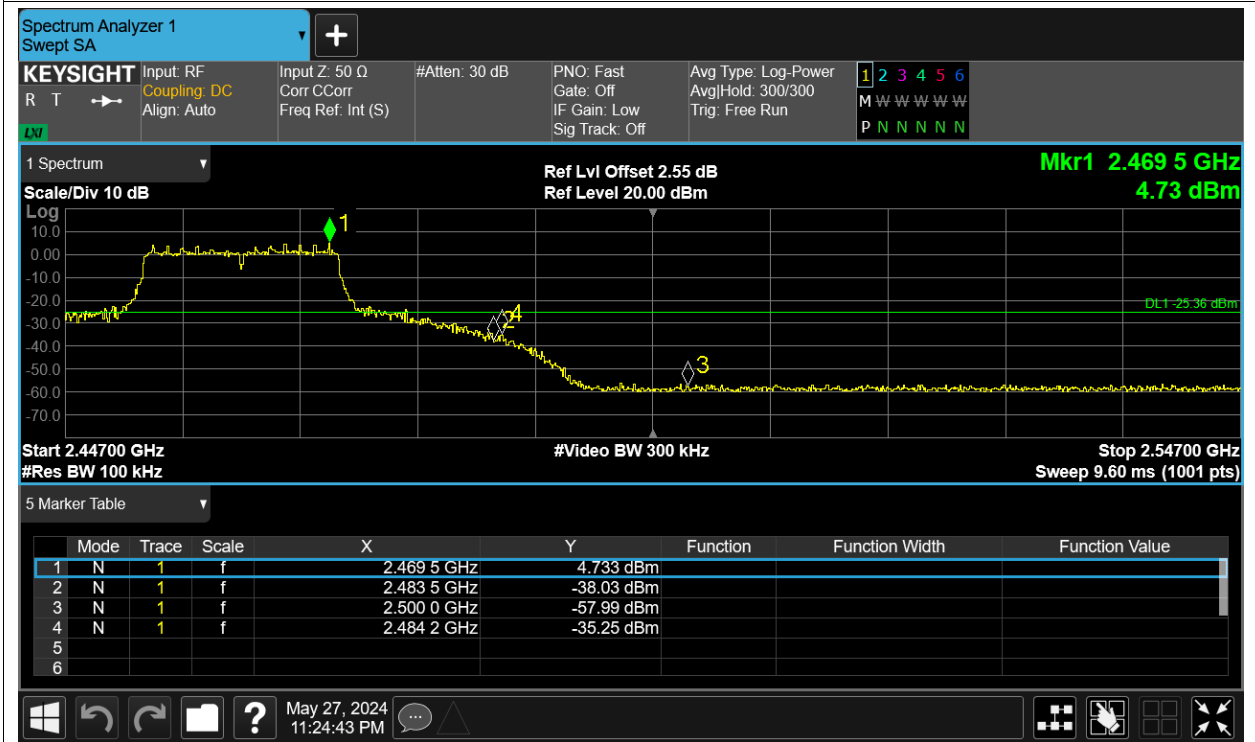
Band Edge NVNT g 2412MHz Ant12 Emission



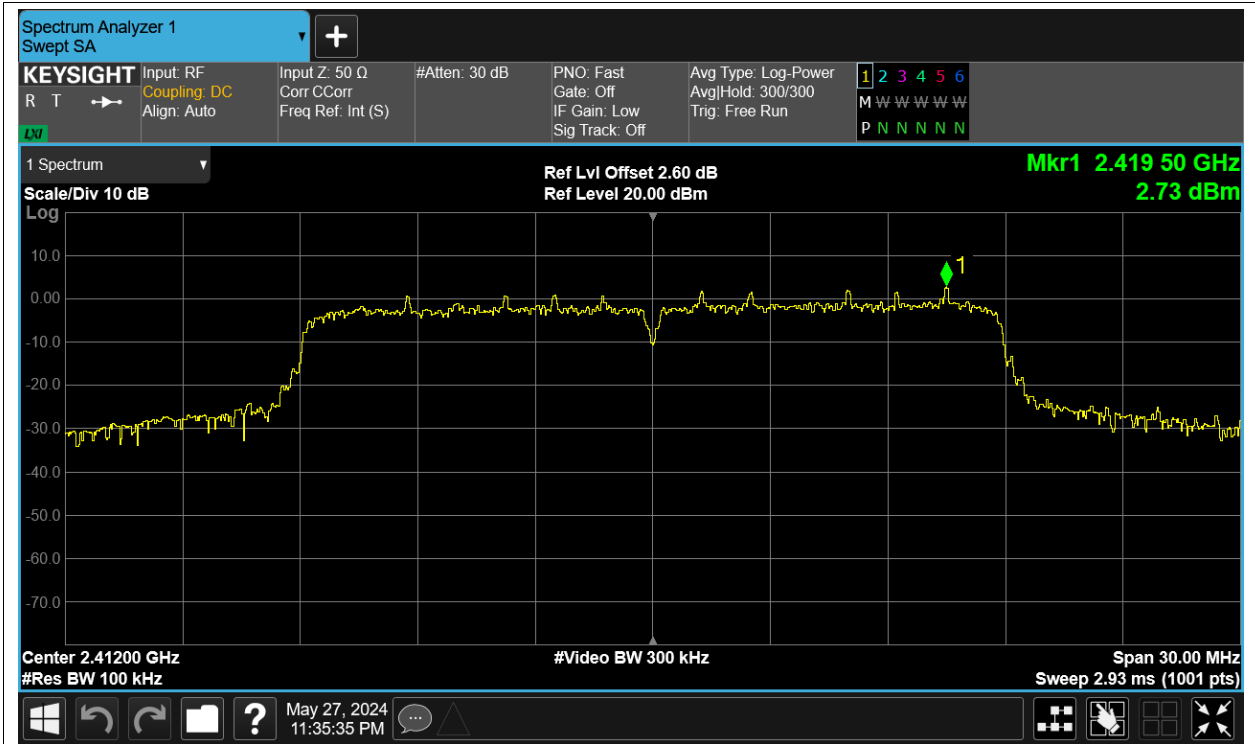
Band Edge NVNT g 2462MHz Ant12 Ref



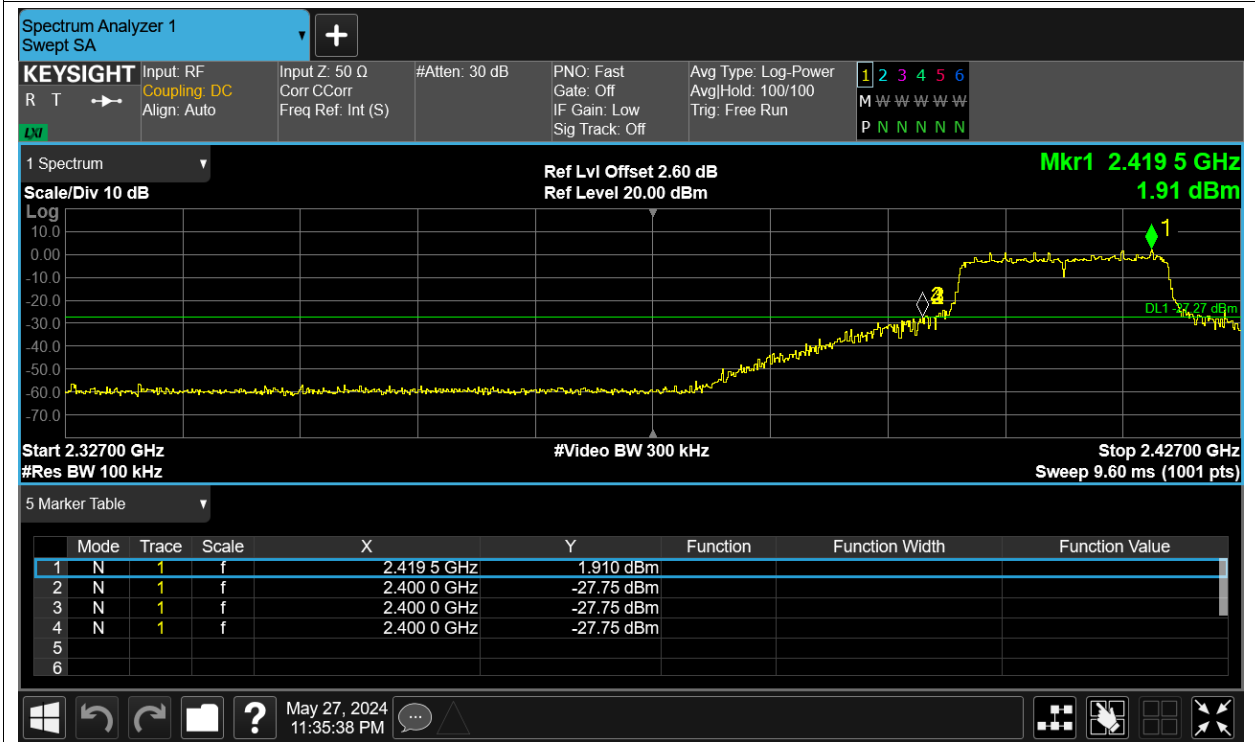
Band Edge NVNT g 2462MHz Ant12 Emission



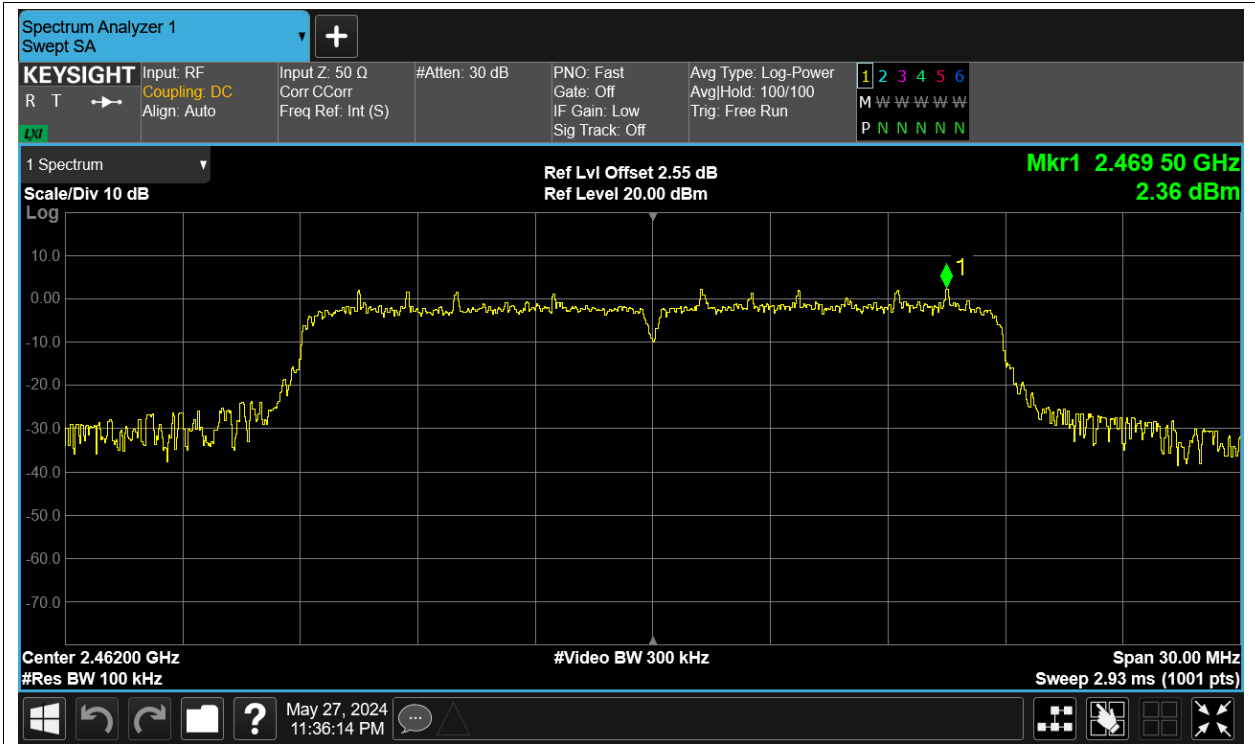
Band Edge NVNT n20 2412MHz Ant12 Ref



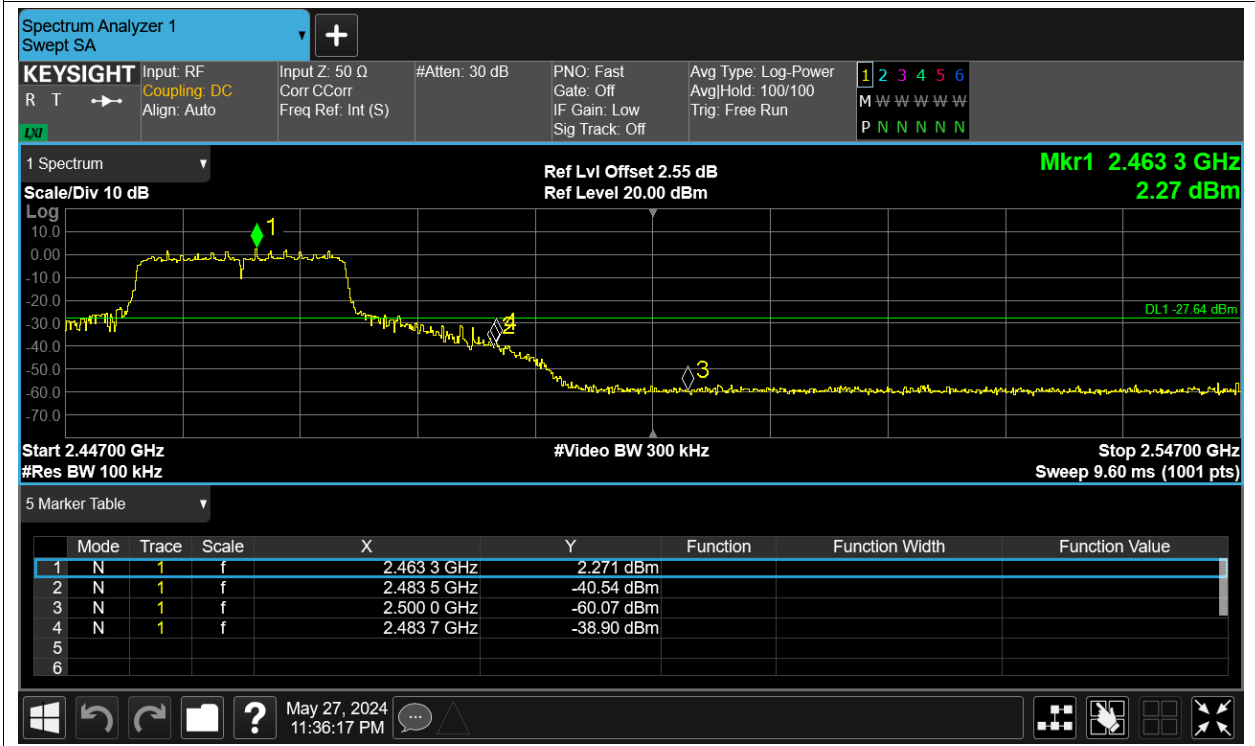
Band Edge NVNT n20 2412MHz Ant12 Emission



Band Edge NVNT n20 2462MHz Ant12 Ref



Band Edge NVNT n20 2462MHz Ant12 Emission



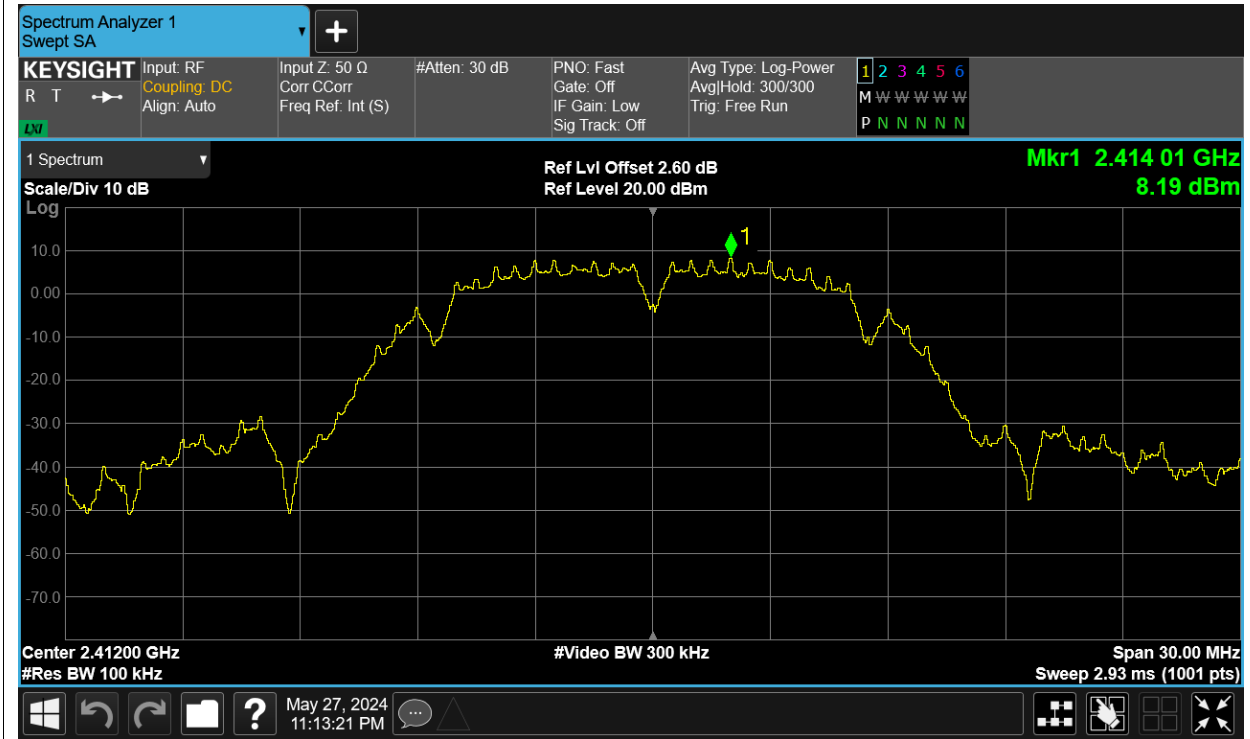


## Conducted RF Spurious Emission

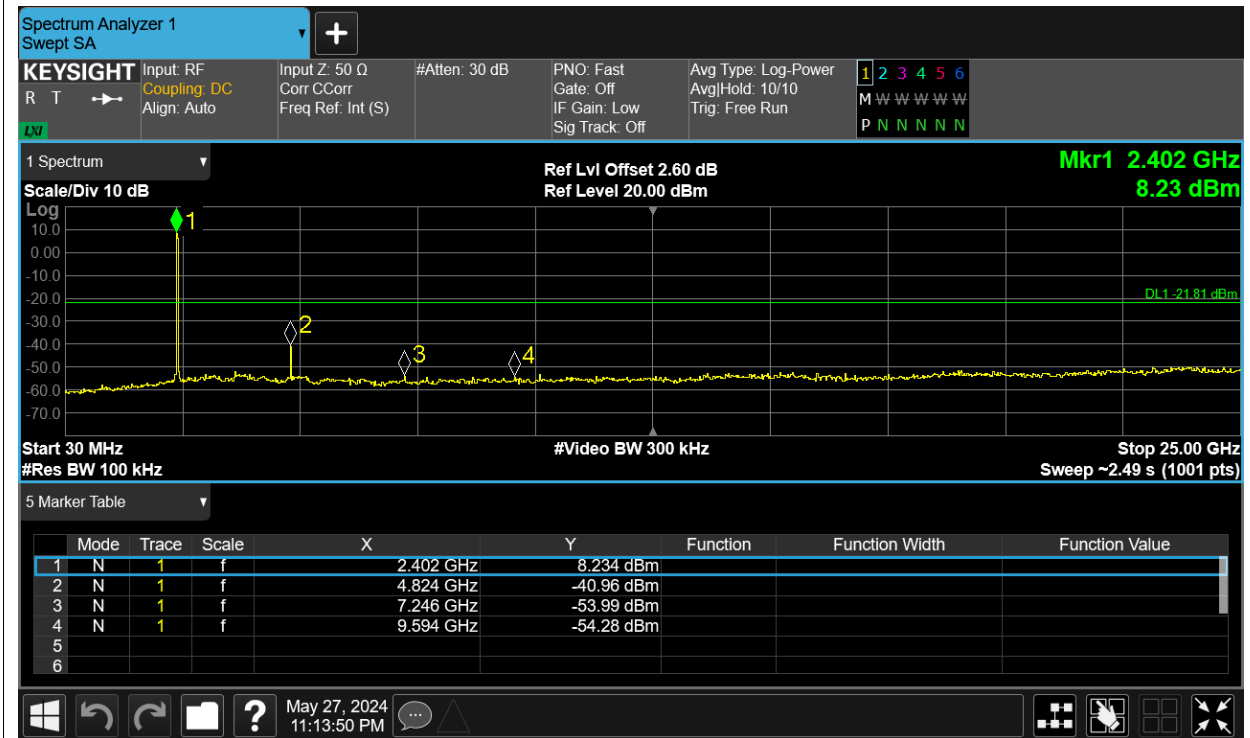
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant12	-49.15	-30	Pass
NVNT	b	2437	Ant12	-48.76	-30	Pass
NVNT	b	2462	Ant12	-45.47	-30	Pass
NVNT	g	2412	Ant12	-55.36	-30	Pass
NVNT	g	2437	Ant12	-54.7	-30	Pass
NVNT	g	2462	Ant12	-53.28	-30	Pass
NVNT	n20	2412	Ant12	-50.95	-30	Pass
NVNT	n20	2437	Ant12	-51.07	-30	Pass
NVNT	n20	2462	Ant12	-51.77	-30	Pass

Test Graphs

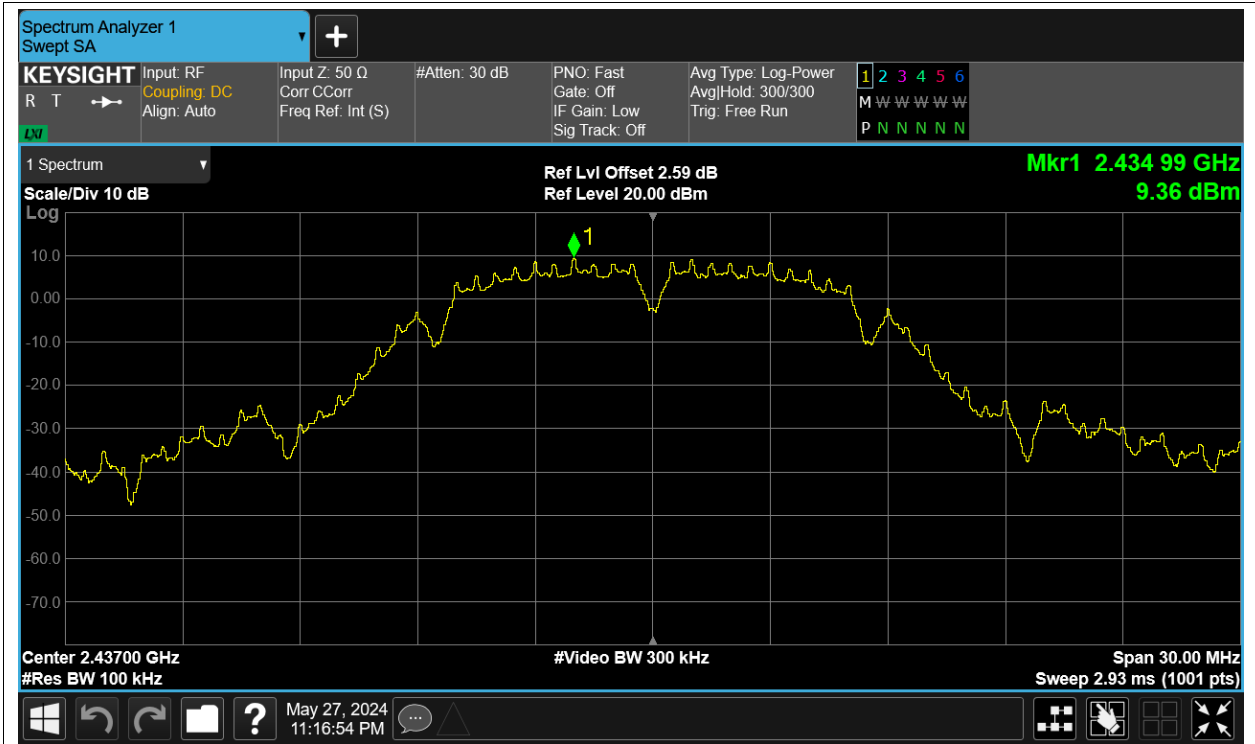
Tx. Spurious NVNT b 2412MHz Ant12 Ref



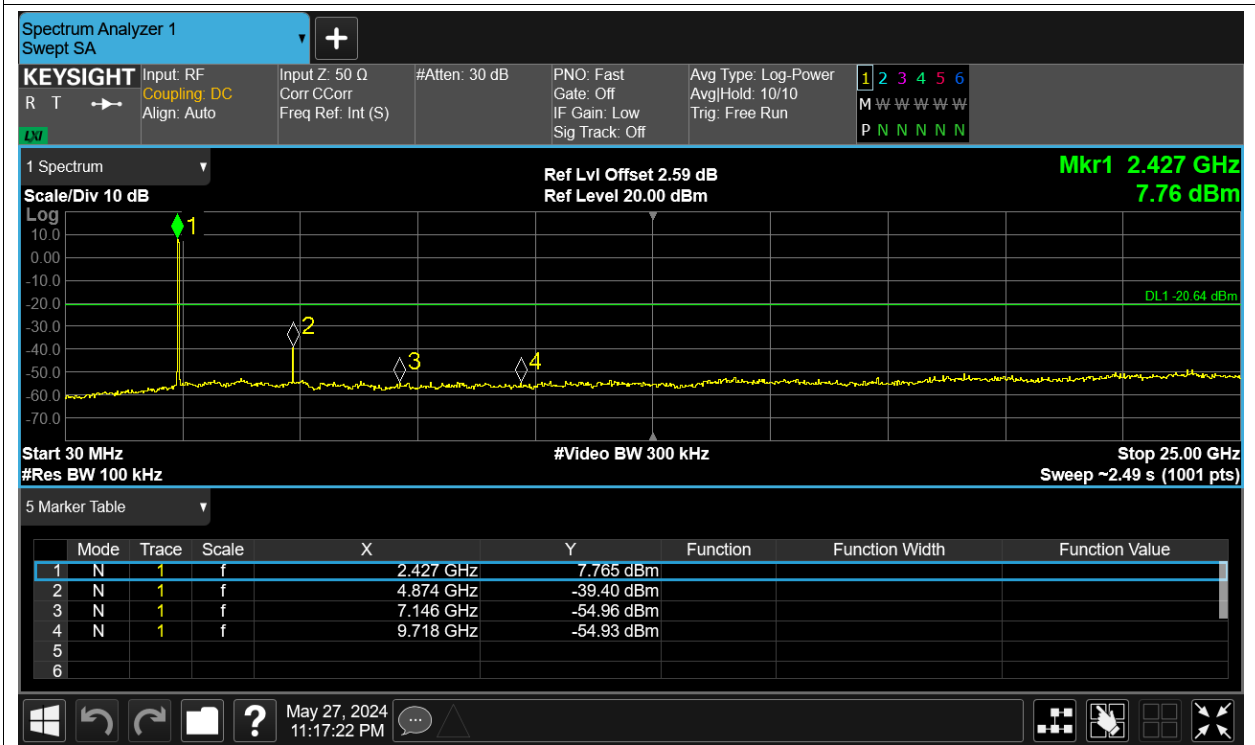
Tx. Spurious NVNT b 2412MHz Ant12 Emission



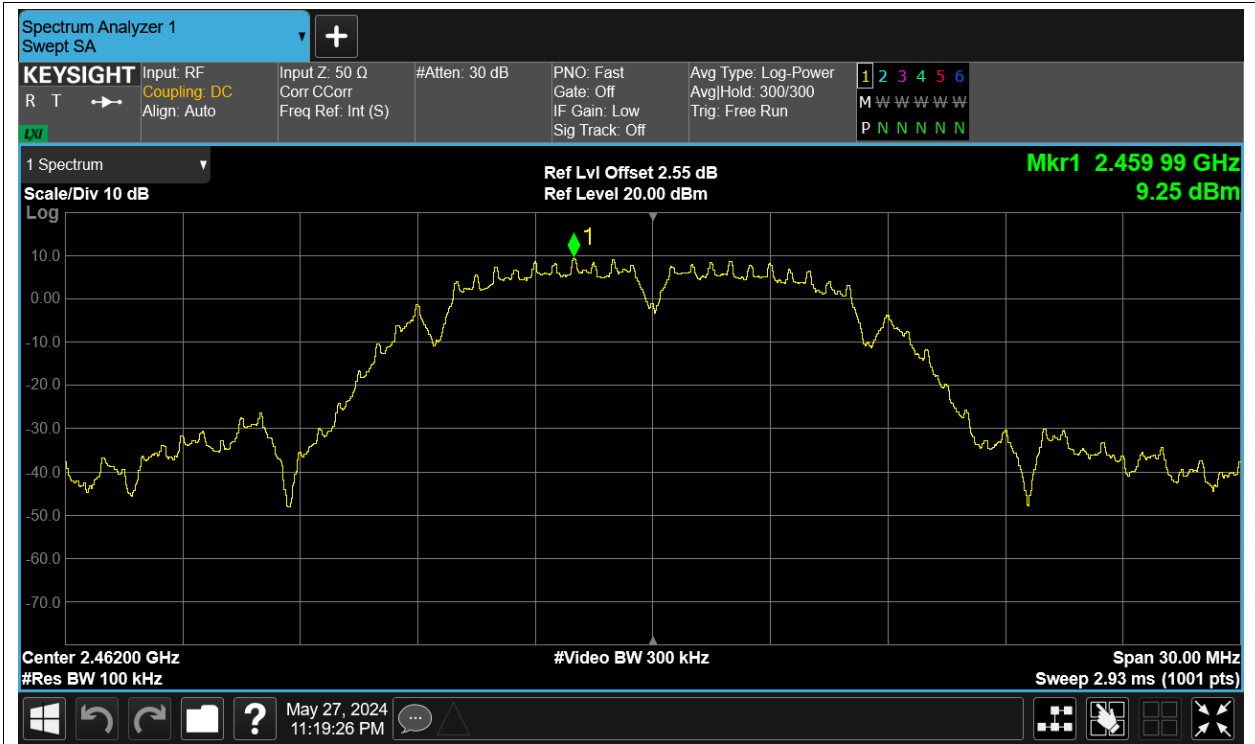
Tx. Spurious NVNT b 2437MHz Ant12 Ref



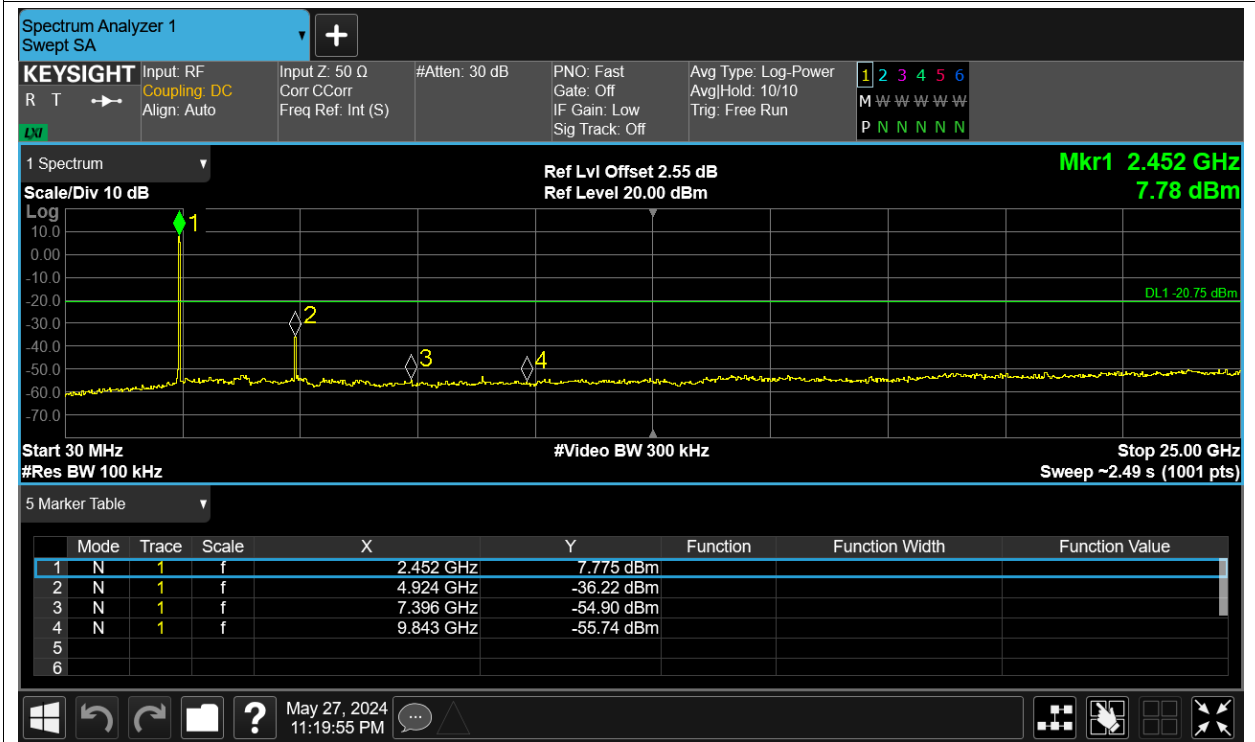
Tx. Spurious NVNT b 2437MHz Ant12 Emission



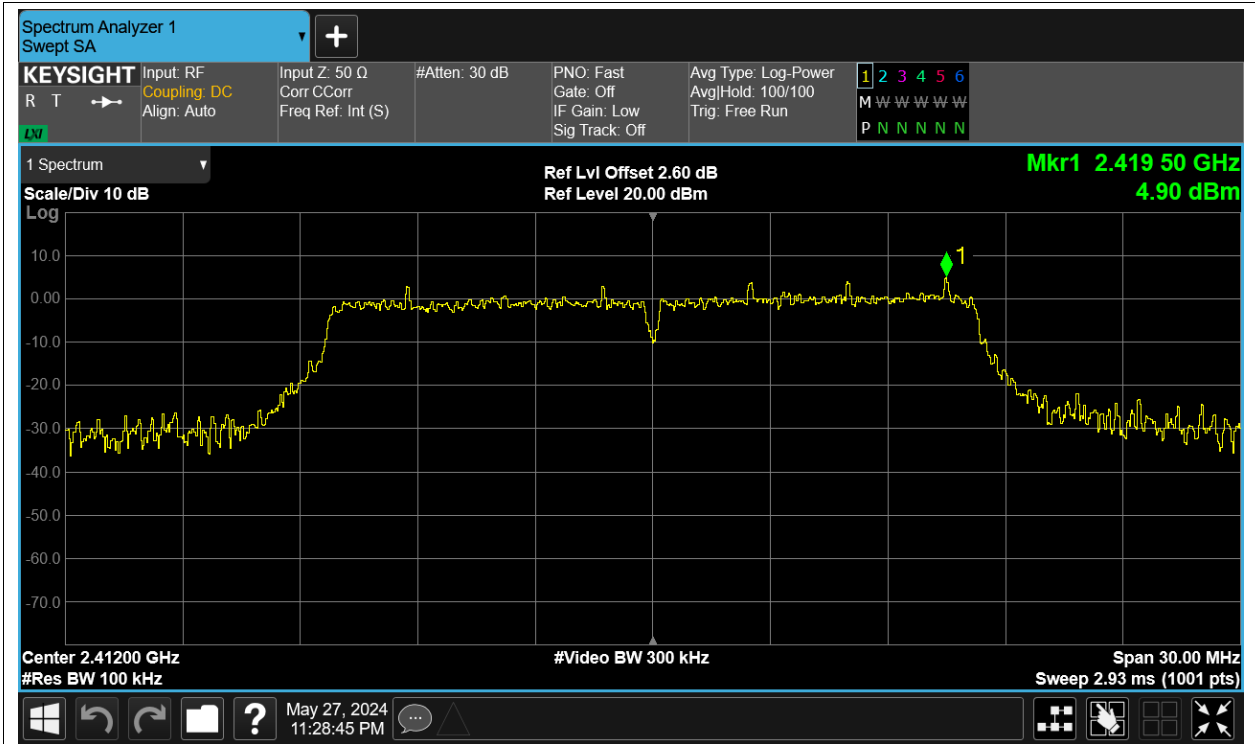
Tx. Spurious NVNT b 2462MHz Ant12 Ref



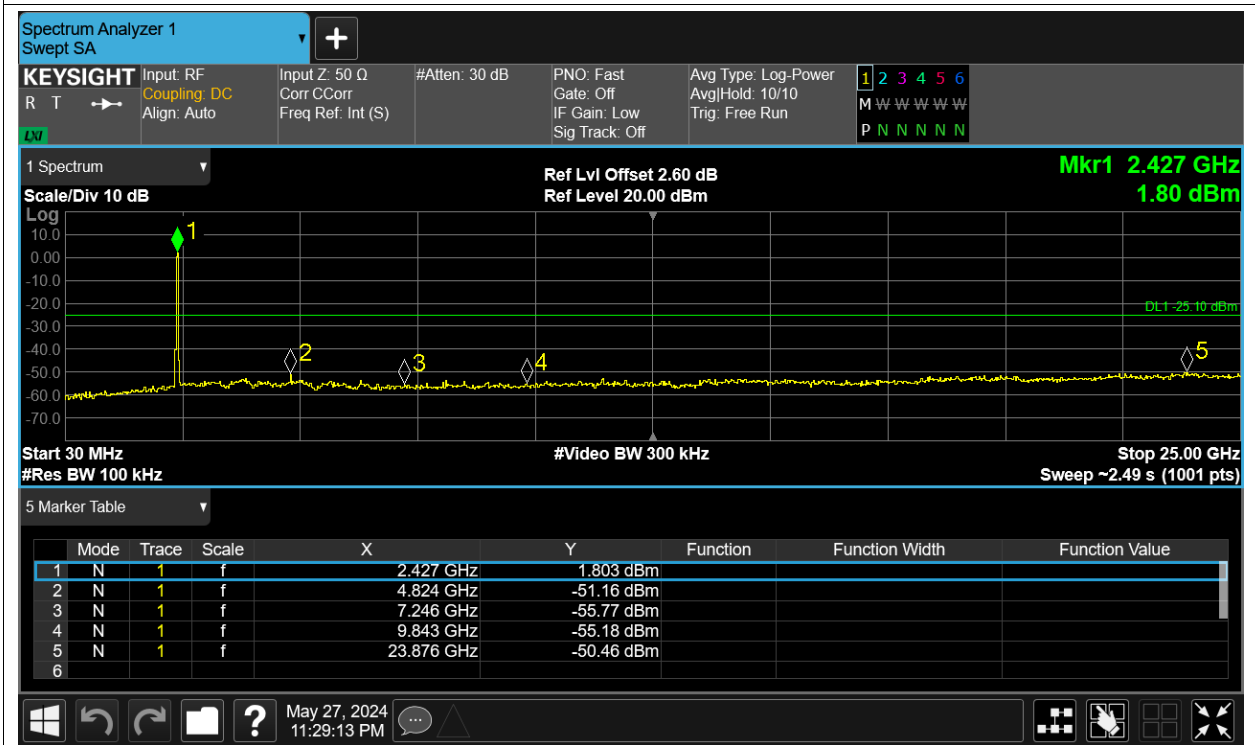
Tx. Spurious NVNT b 2462MHz Ant12 Emission



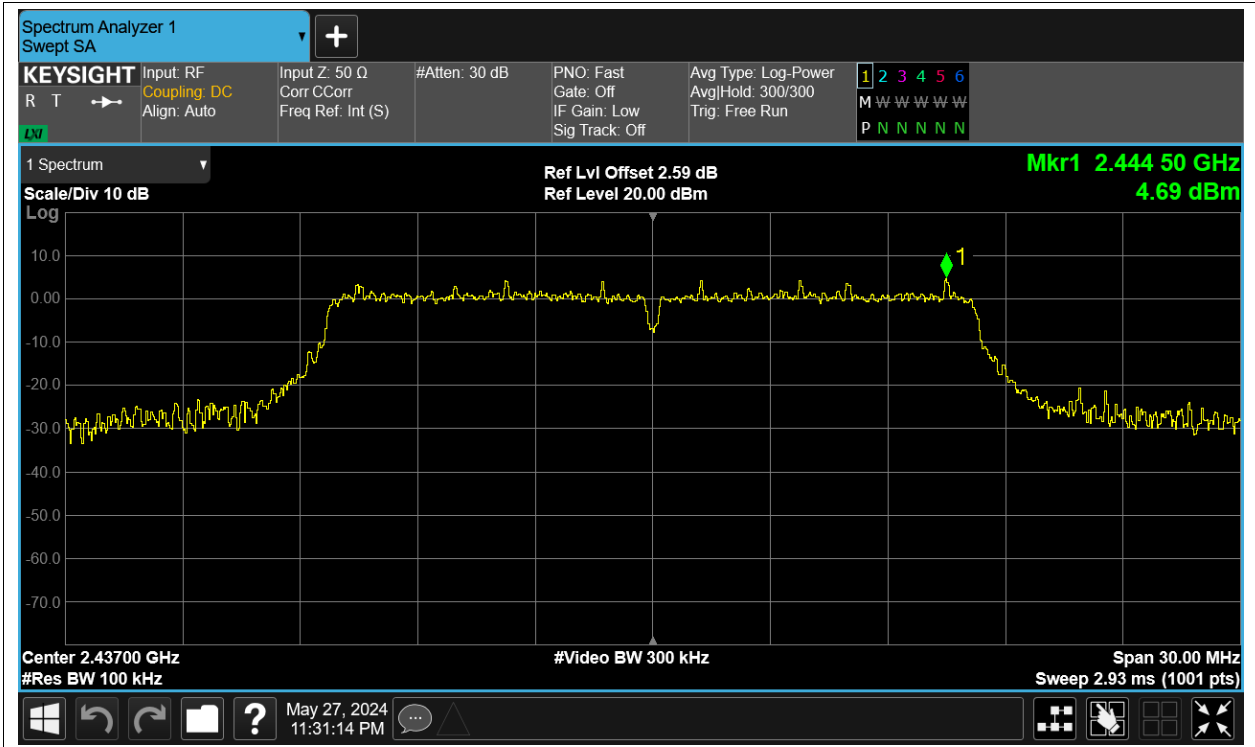
Tx. Spurious NVNT g 2412MHz Ant12 Ref



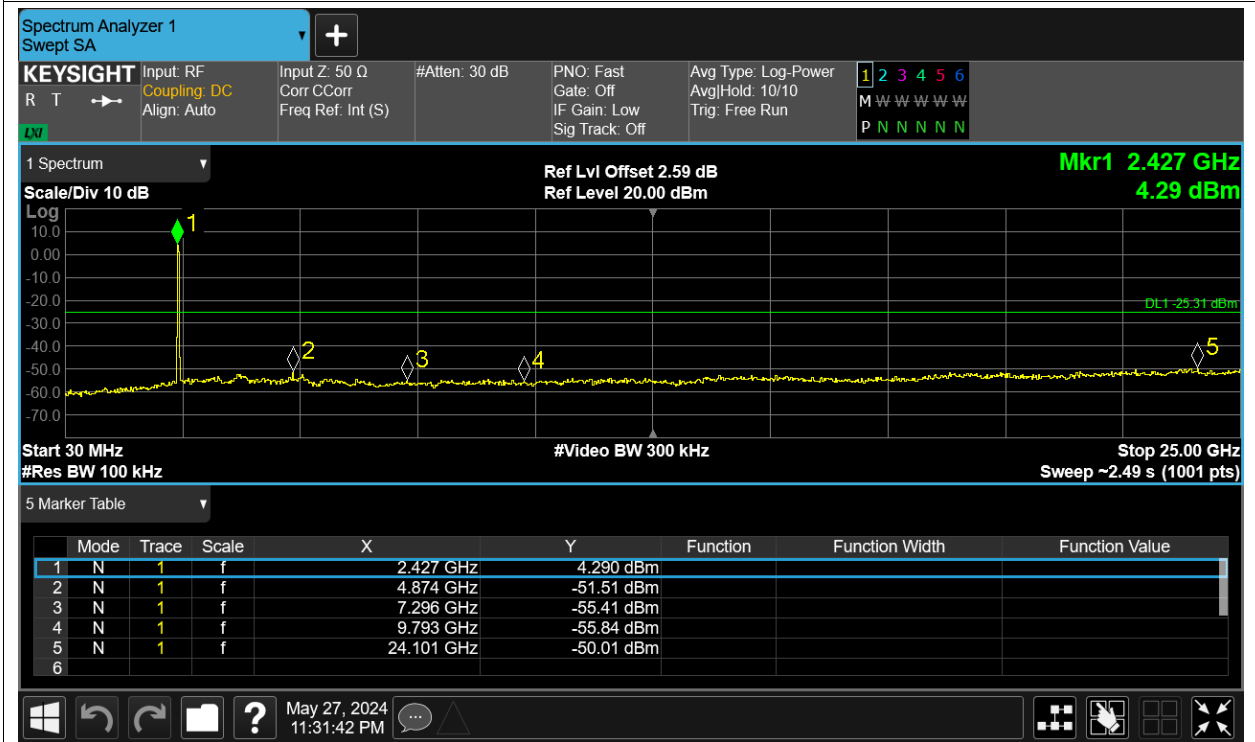
Tx. Spurious NVNT g 2412MHz Ant12 Emission



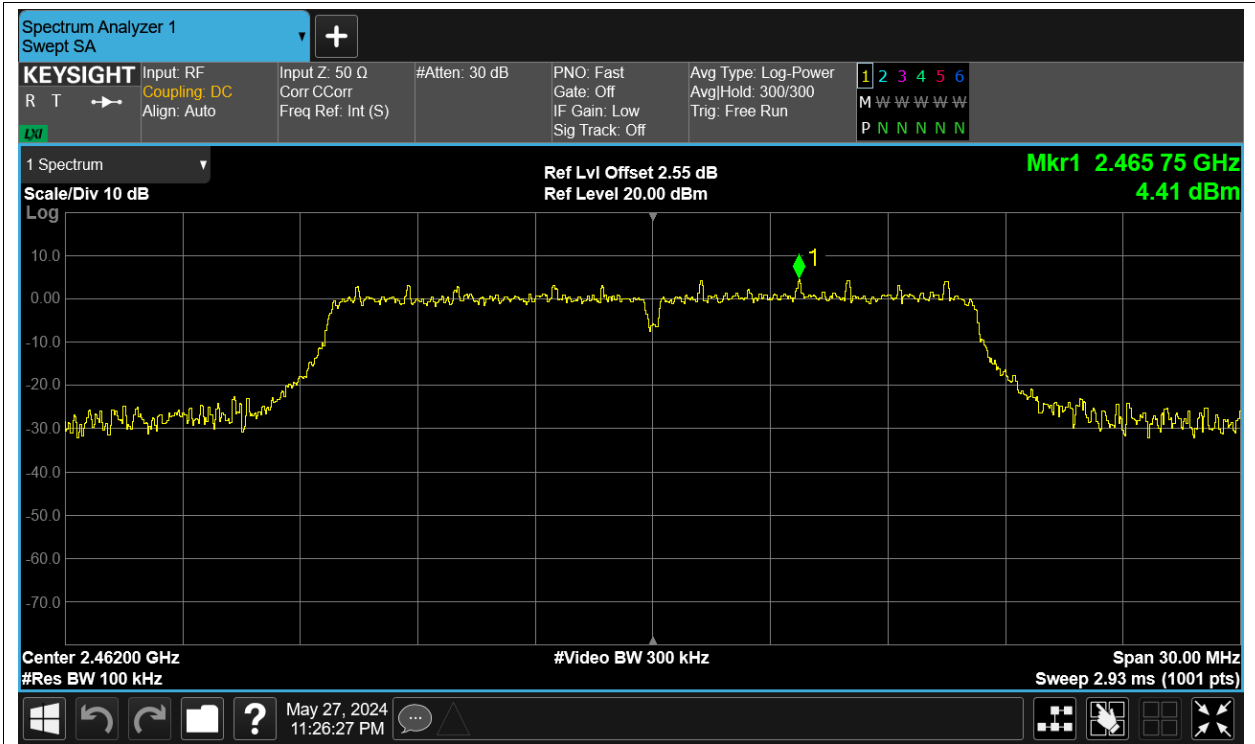
Tx. Spurious NVNT g 2437MHz Ant12 Ref



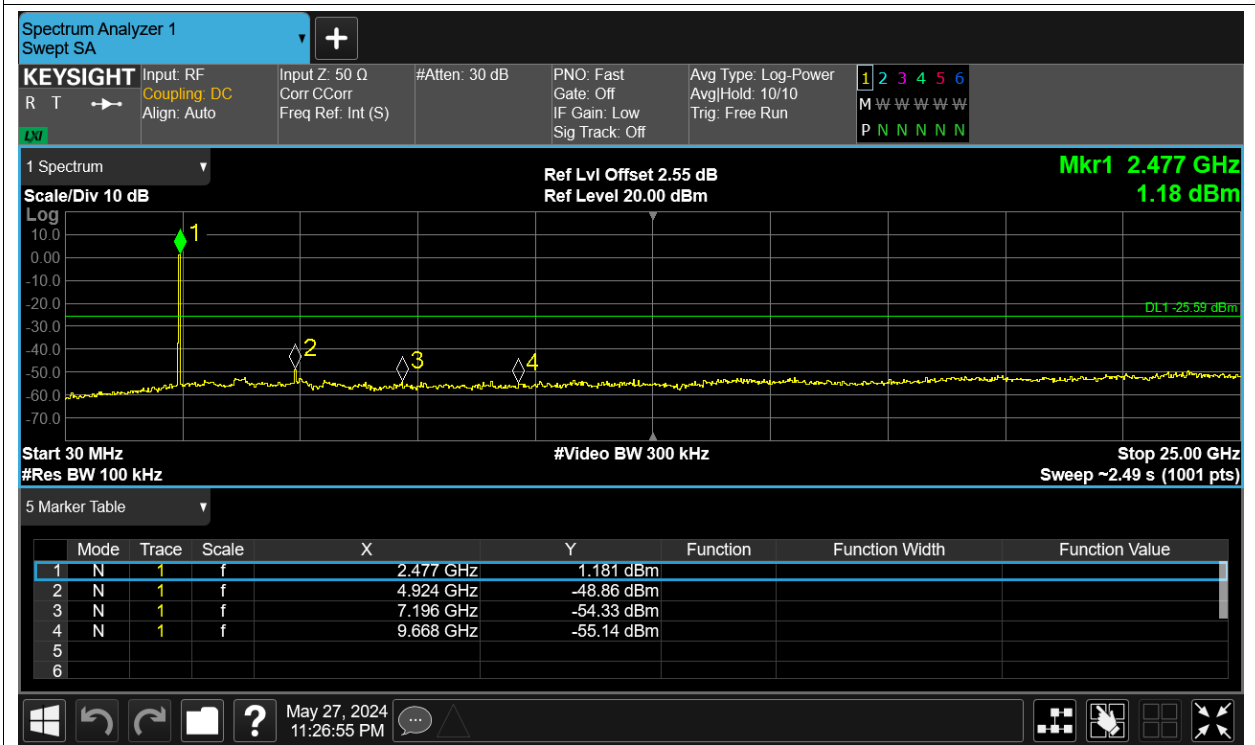
Tx. Spurious NVNT g 2437MHz Ant12 Emission



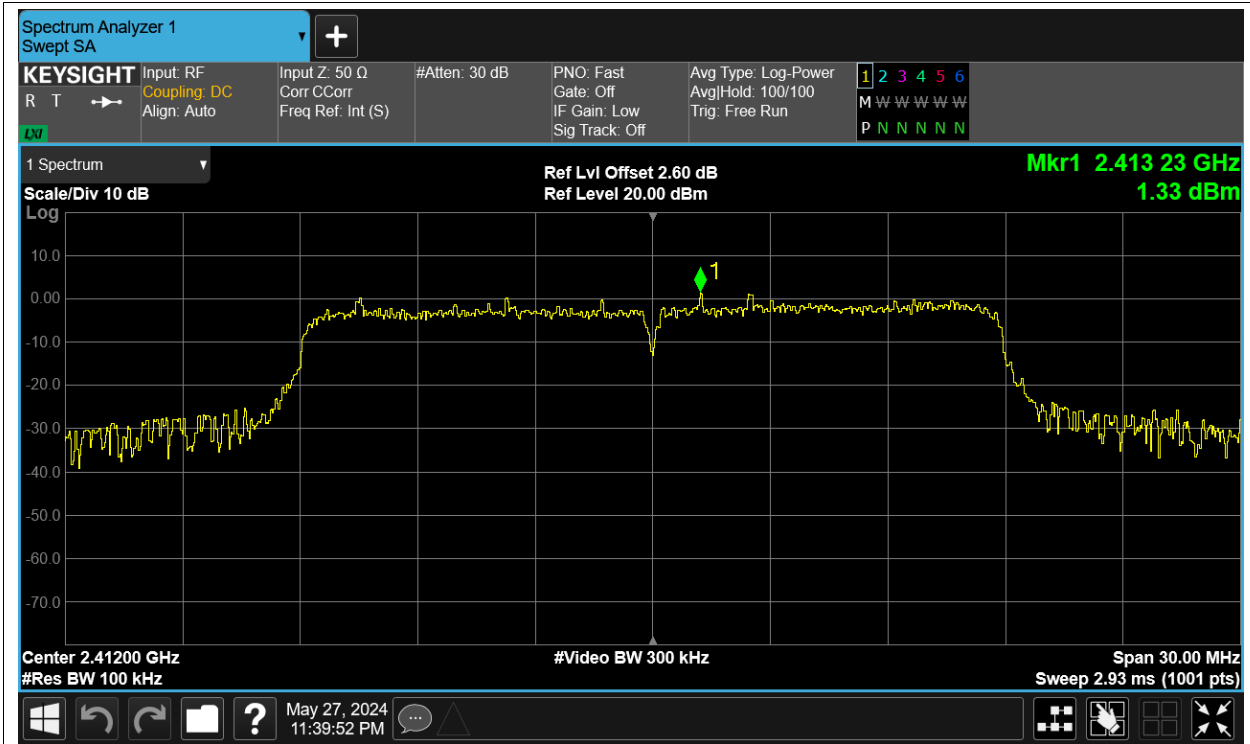
Tx. Spurious NVNT g 2462MHz Ant12 Ref



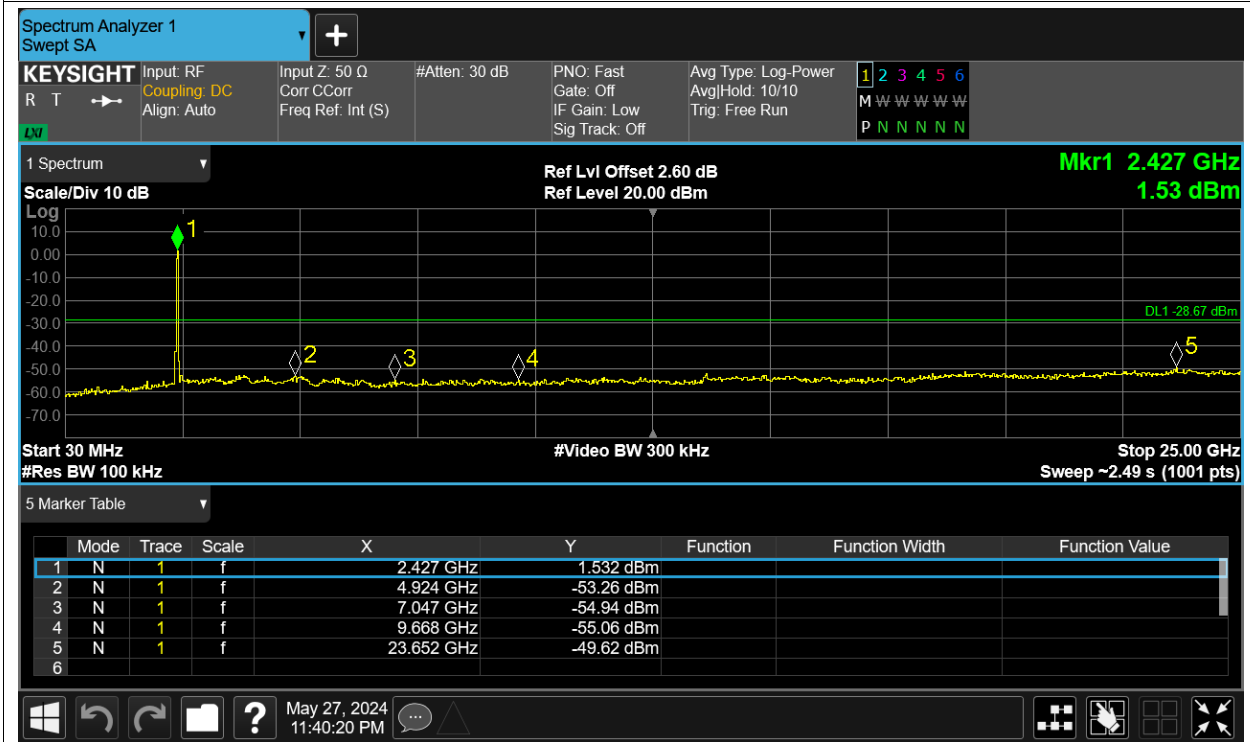
Tx. Spurious NVNT g 2462MHz Ant12 Emission



Tx. Spurious NVNT n20 2412MHz Ant12 Ref

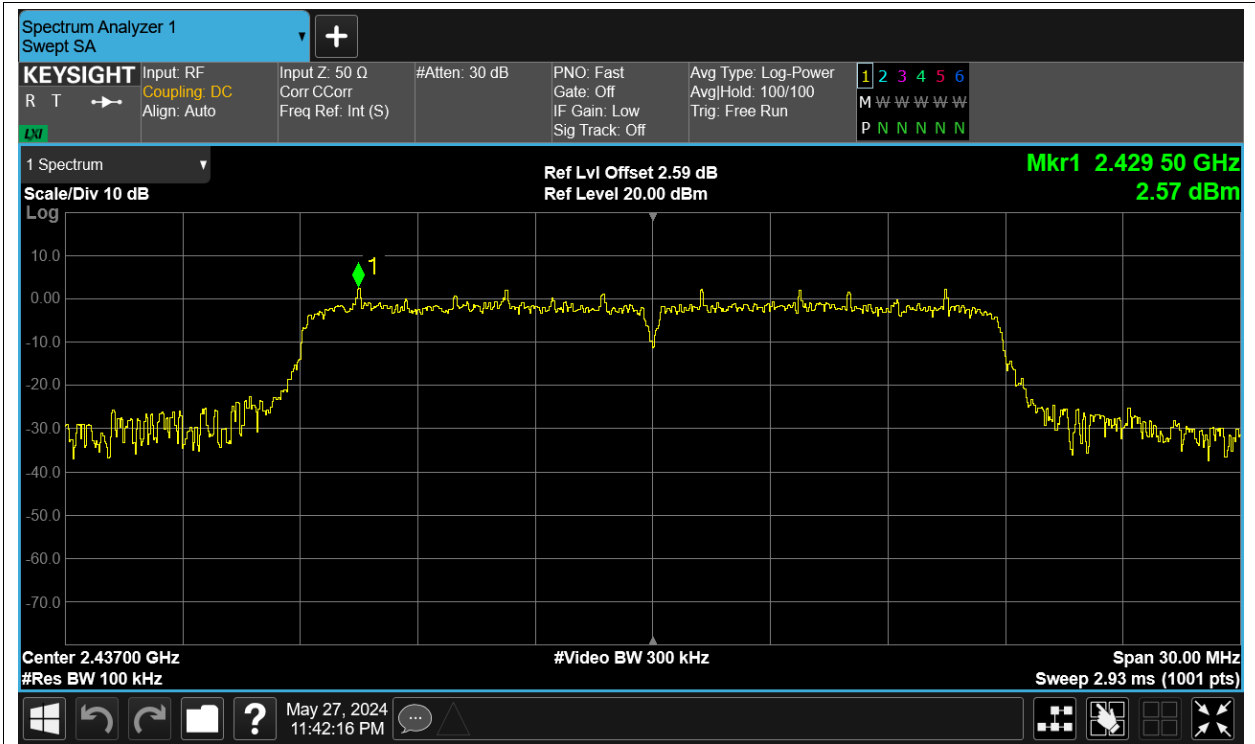


Tx. Spurious NVNT n20 2412MHz Ant12 Emission

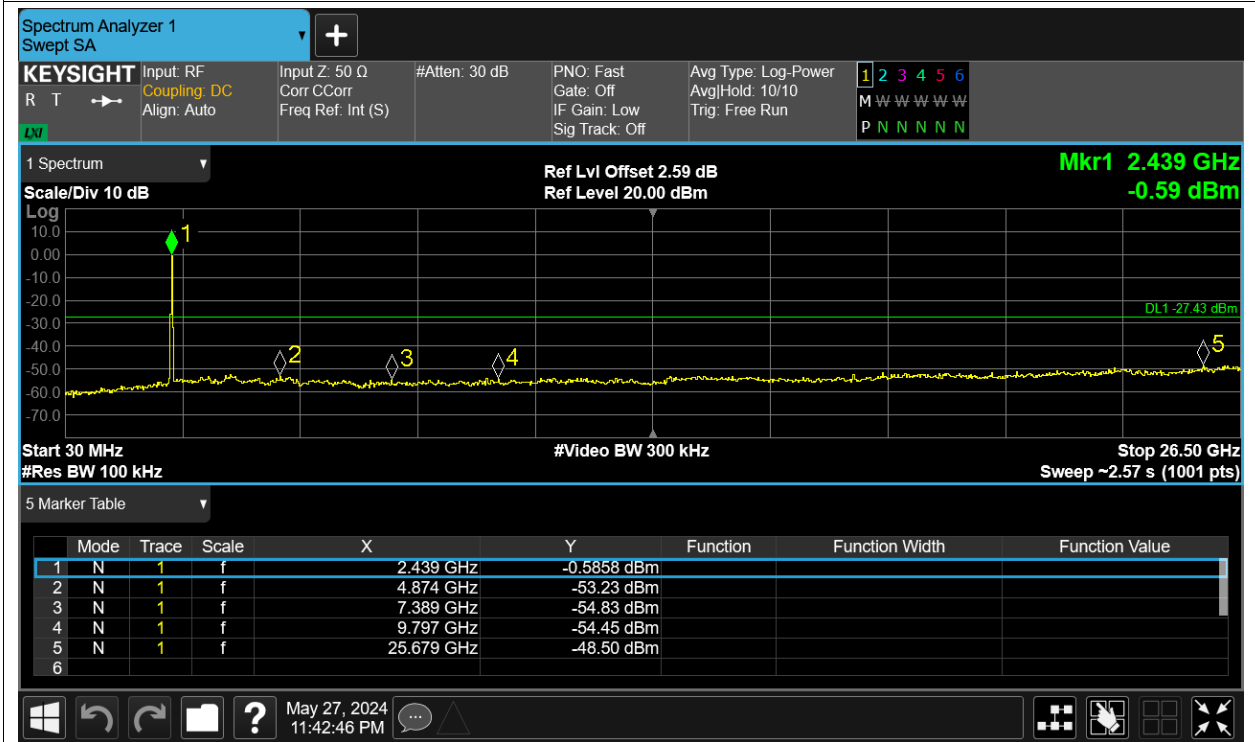


Tx. Spurious NVNT n20 2437MHz Ant12 Ref

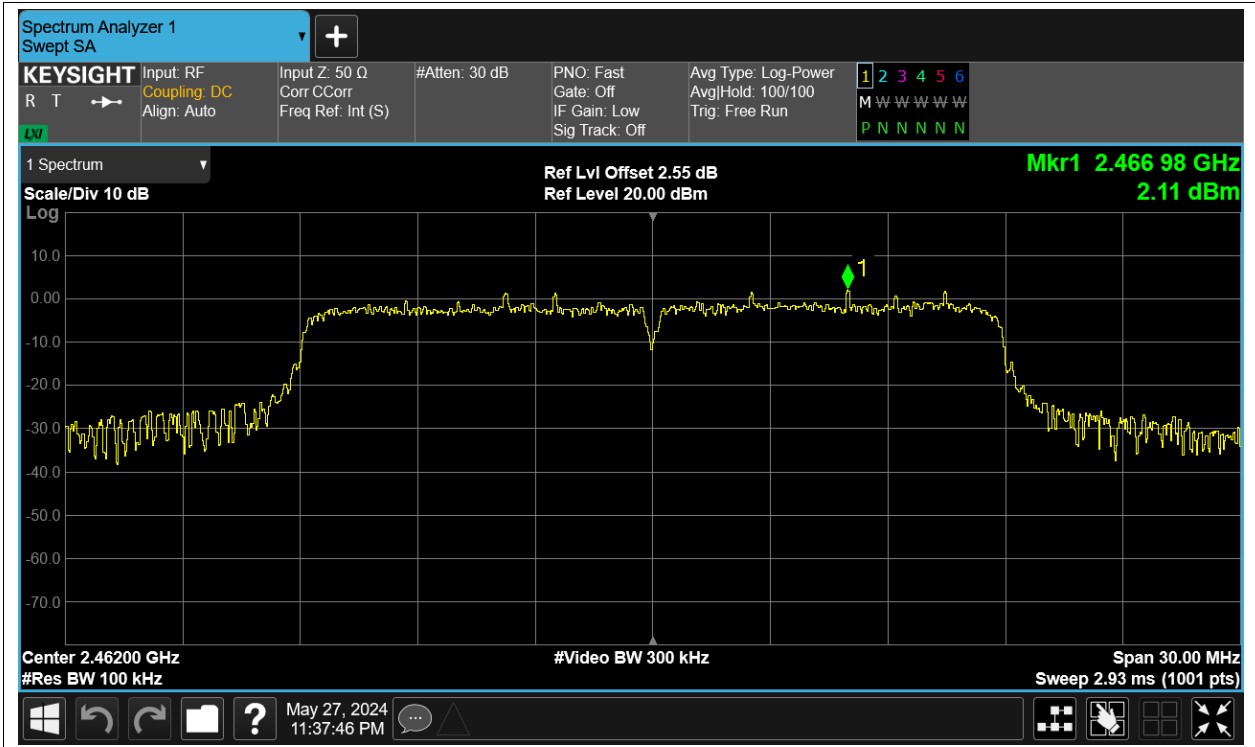




Tx. Spurious NVNT n20 2437MHz Ant12 Emission



Tx. Spurious NVNT n20 2462MHz Ant12 Ref



Tx. Spurious NVNT n20 2462MHz Ant12 Emission

