

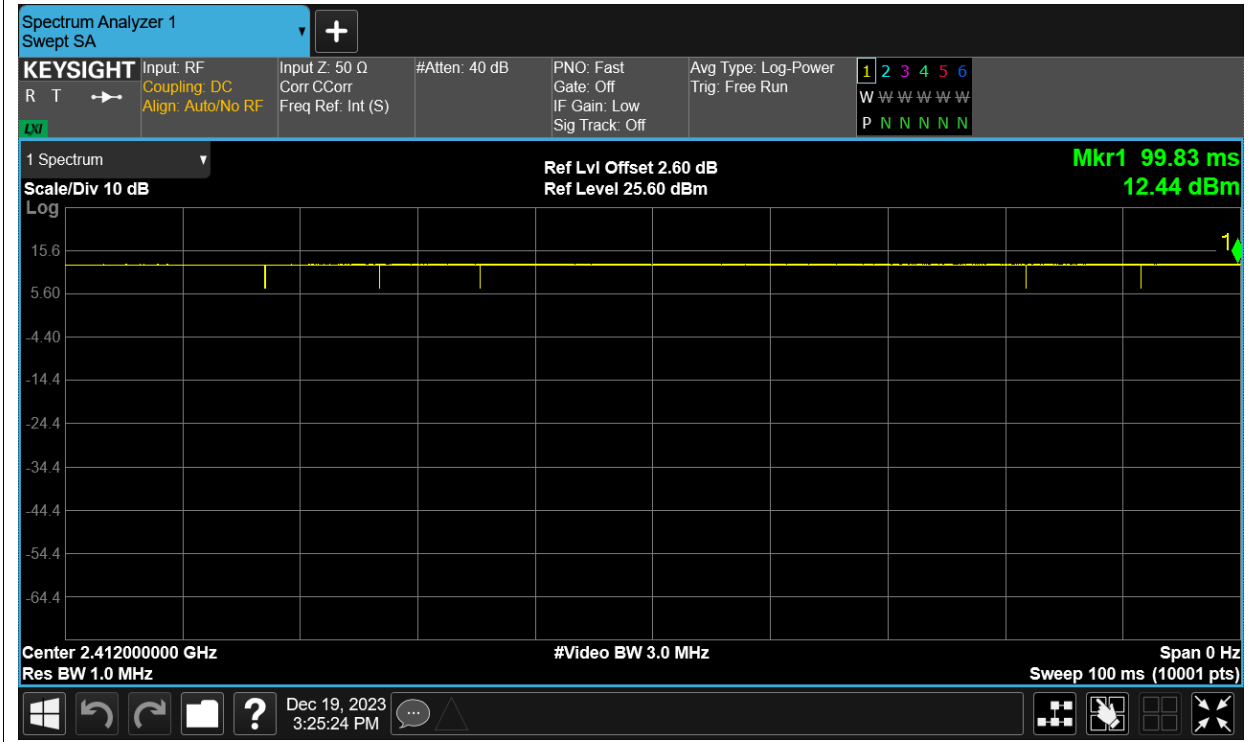
## Test Data

### Duty Cycle

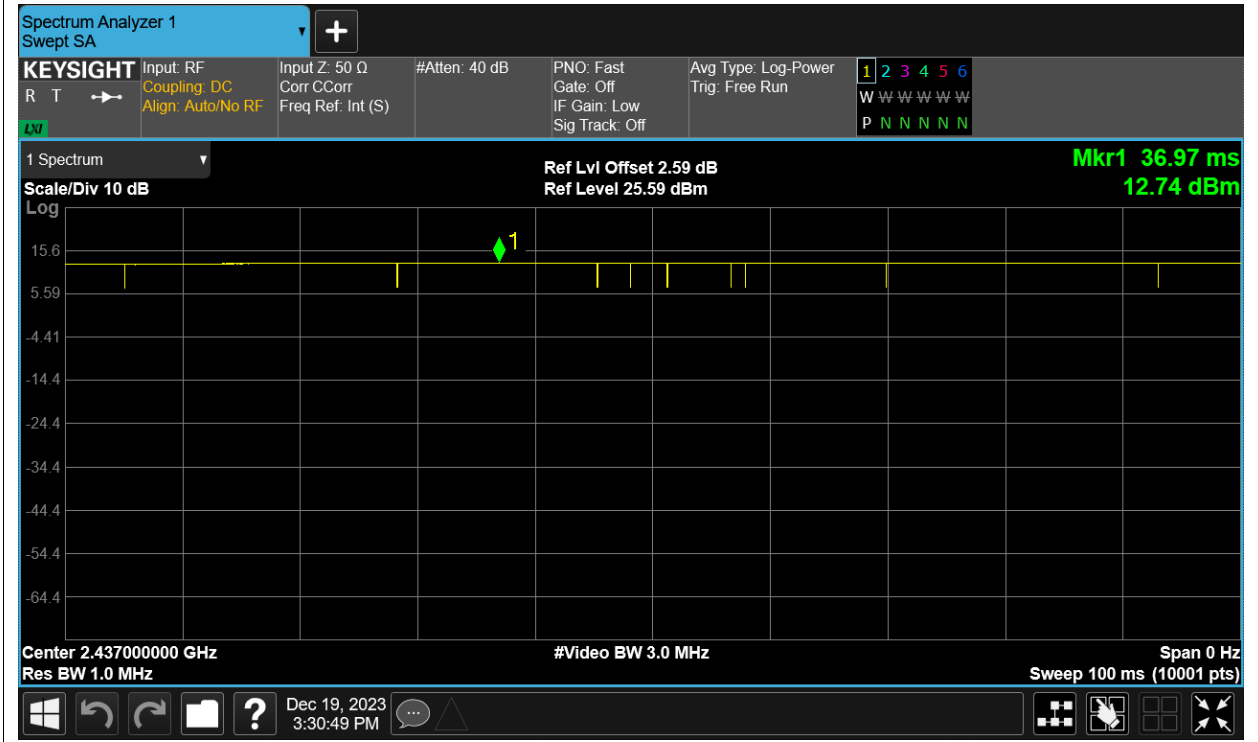
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant8	100	0
NVNT	b	2437	Ant8	100	0
NVNT	b	2462	Ant8	100	0
NVNT	g	2412	Ant8	100	0
NVNT	g	2437	Ant8	100	0
NVNT	g	2462	Ant8	100	0
NVNT	n20	2412	Ant8	100	0
NVNT	n20	2437	Ant8	100	0
NVNT	n20	2462	Ant8	100	0
NVNT	n40	2422	Ant8	100	0
NVNT	n40	2437	Ant8	100	0
NVNT	n40	2452	Ant8	100	0

Test Graphs

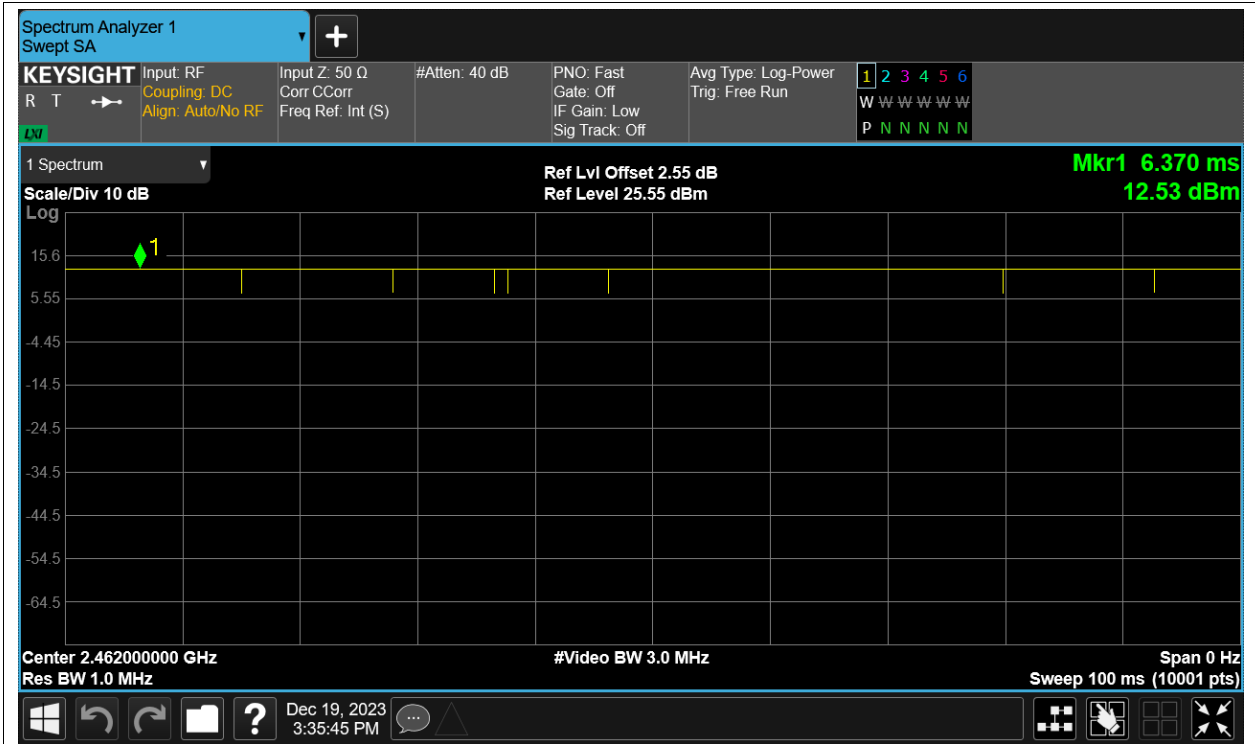
Duty Cycle NVNT b 2412MHz Ant8



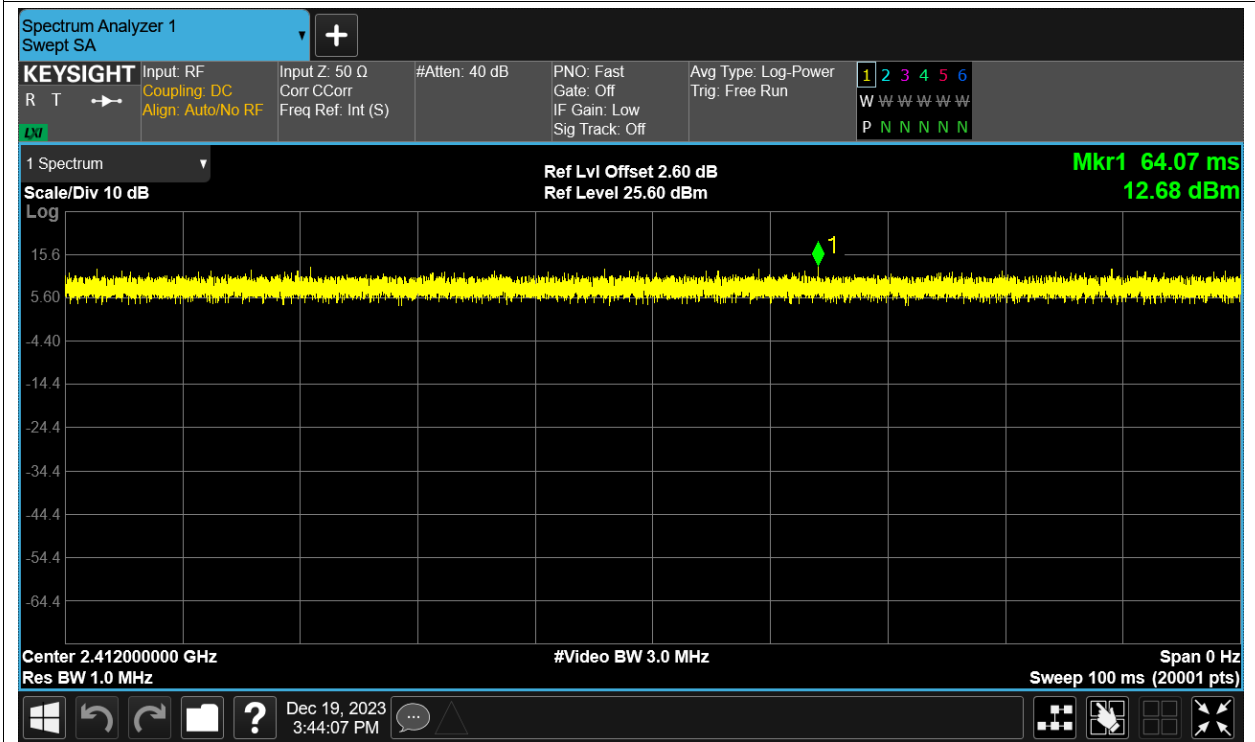
Duty Cycle NVNT b 2437MHz Ant8



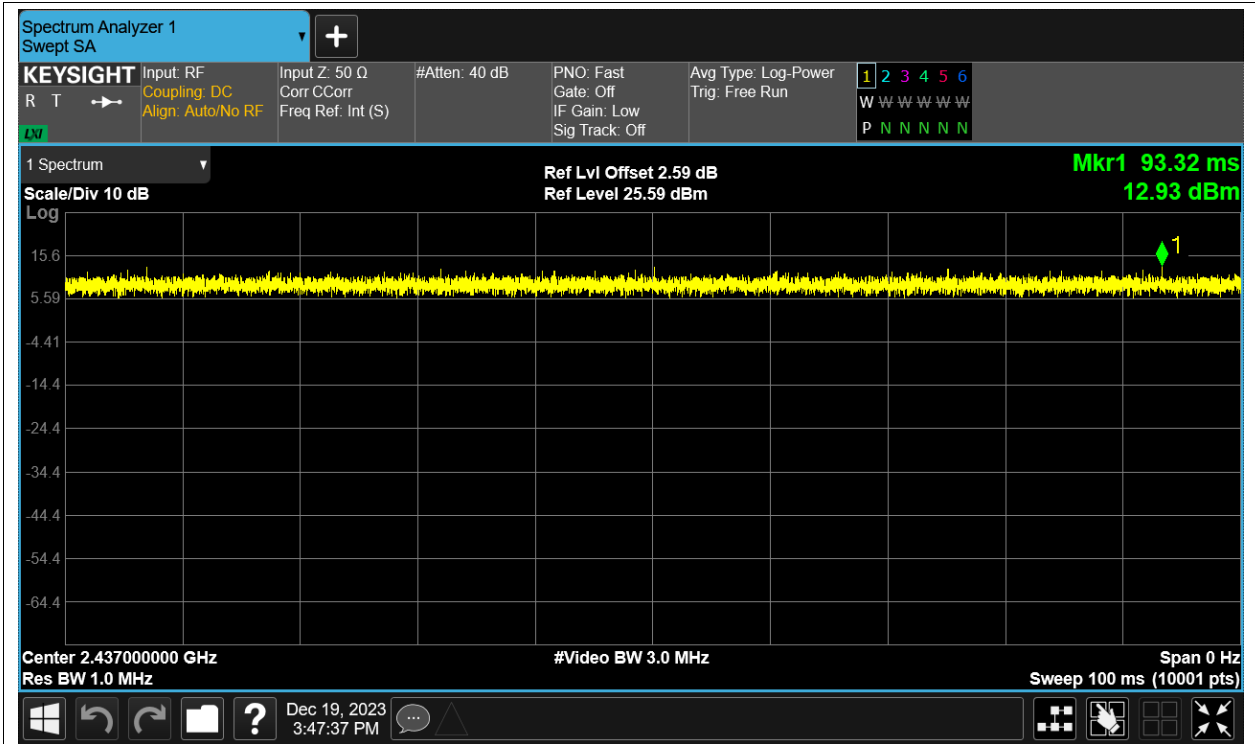
Duty Cycle NVNT b 2462MHz Ant8



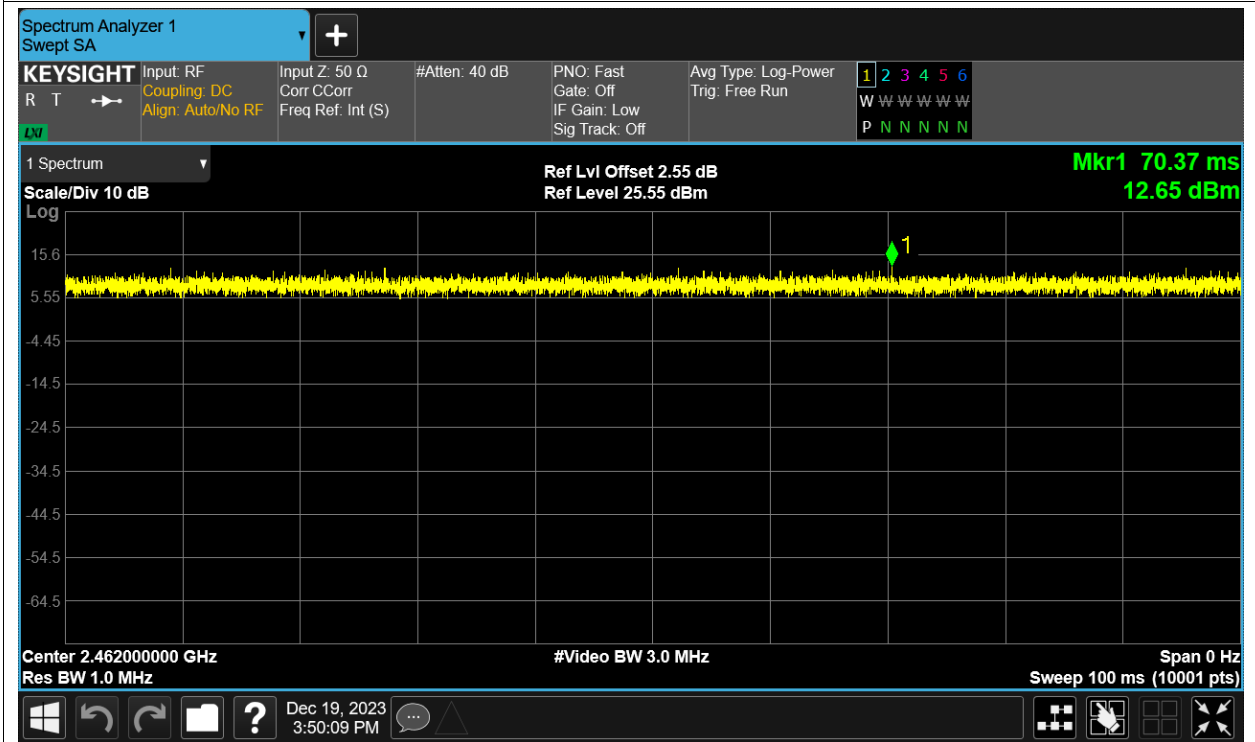
Duty Cycle NVNT g 2412MHz Ant8



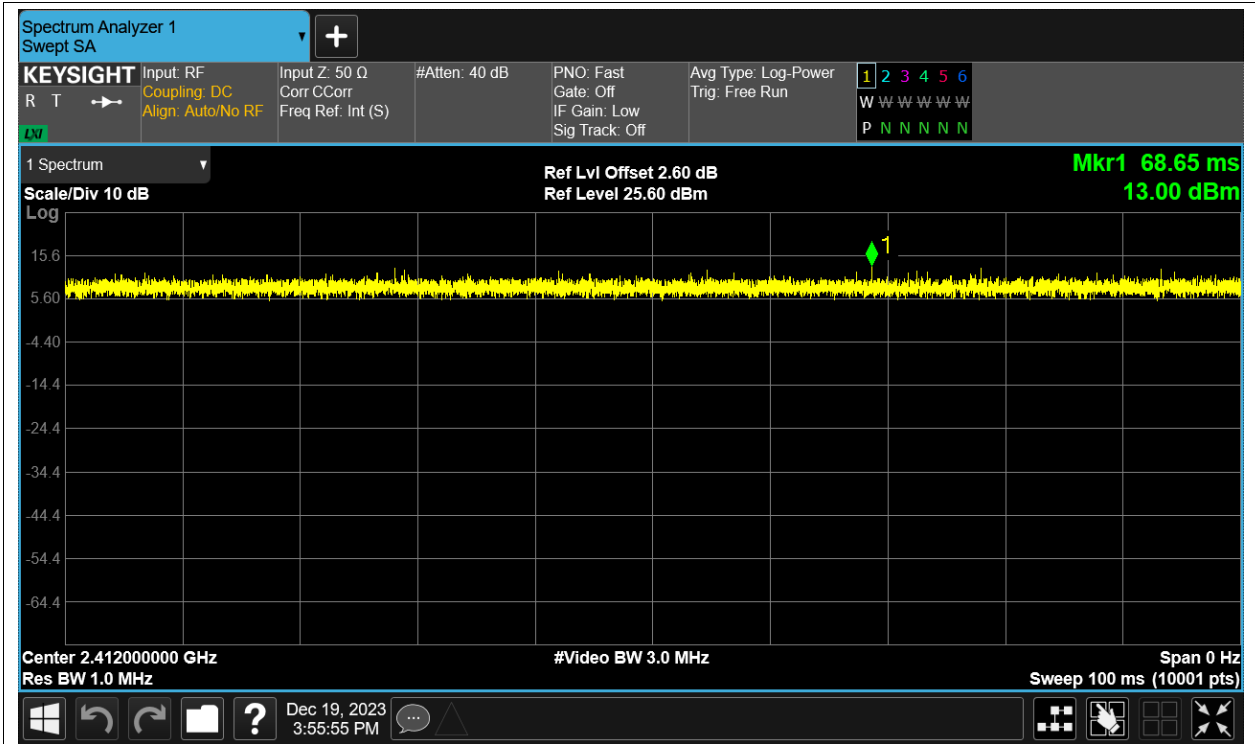
Duty Cycle NVNT g 2437MHz Ant8



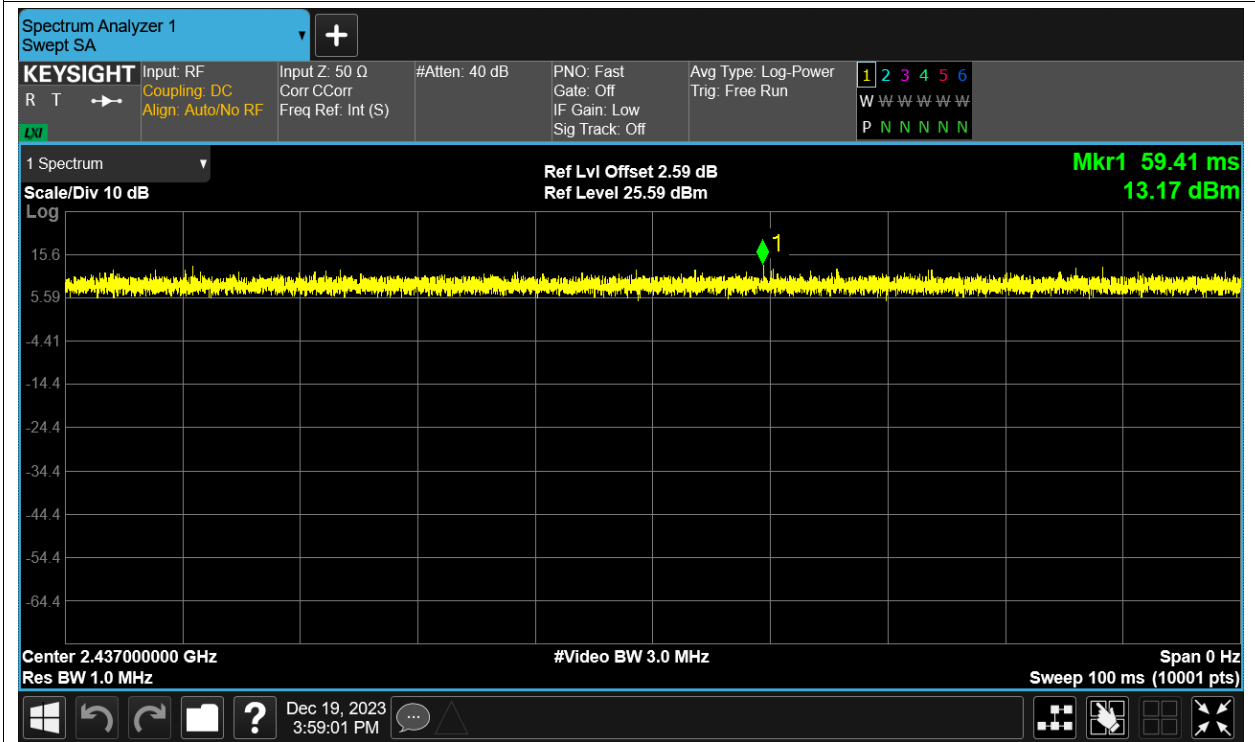
Duty Cycle NVNT g 2462MHz Ant8



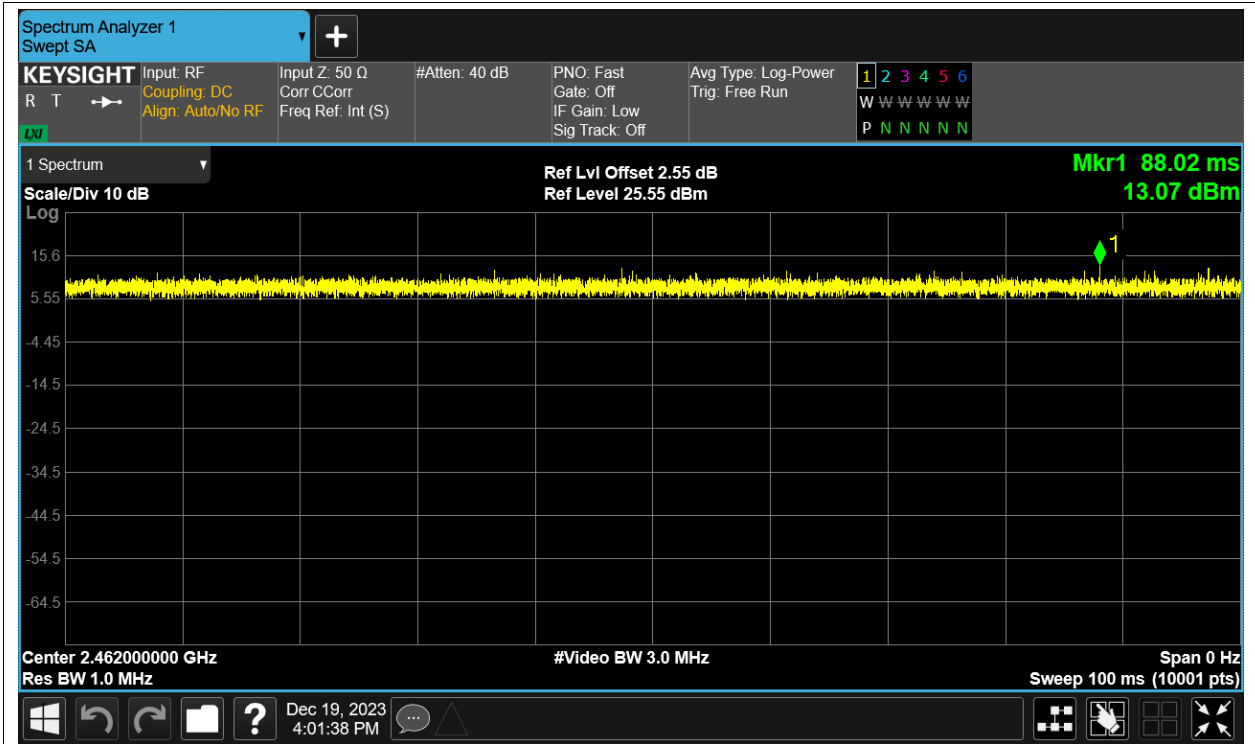
Duty Cycle NVNT n20 2412MHz Ant8



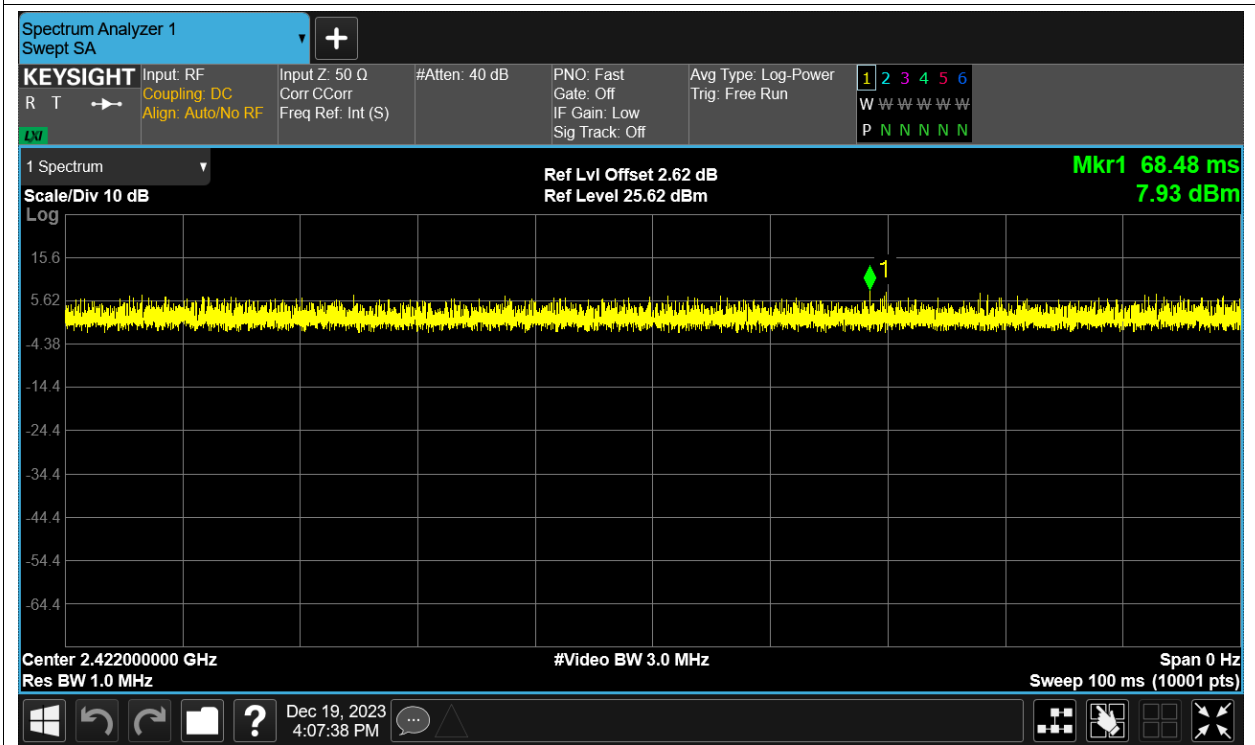
Duty Cycle NVNT n20 2437MHz Ant8



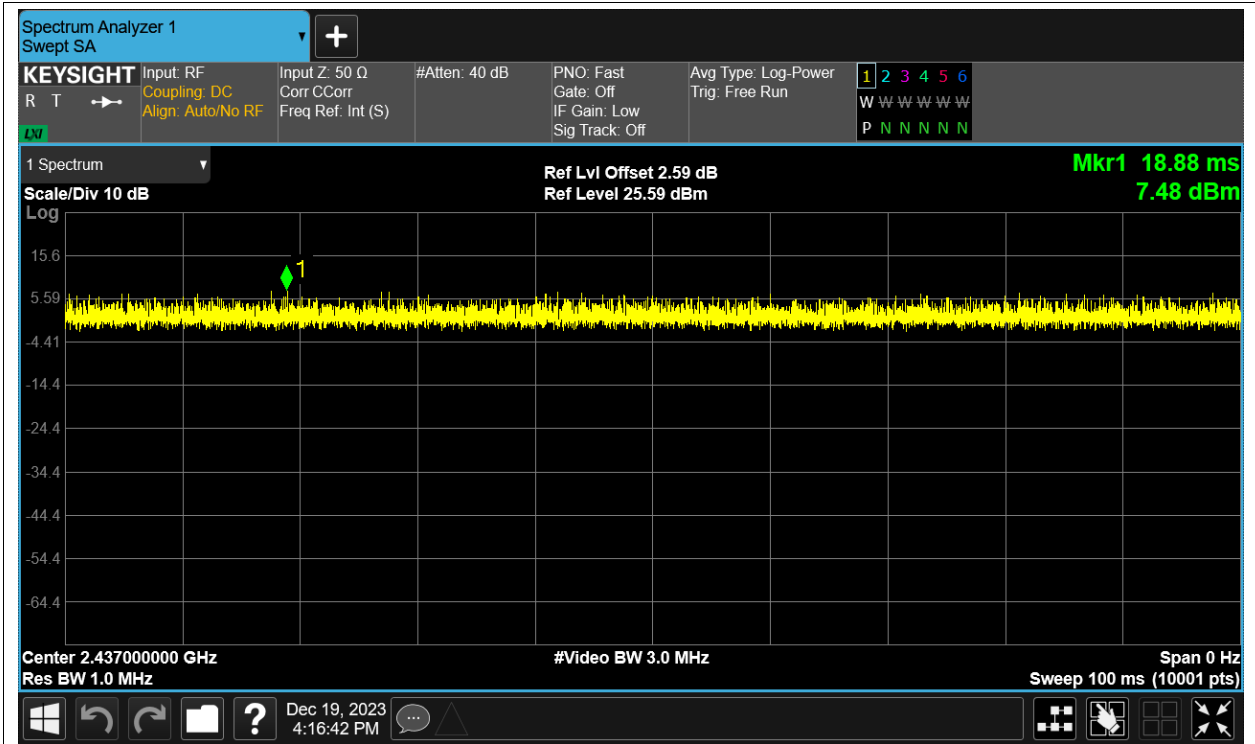
Duty Cycle NVNT n20 2462MHz Ant8



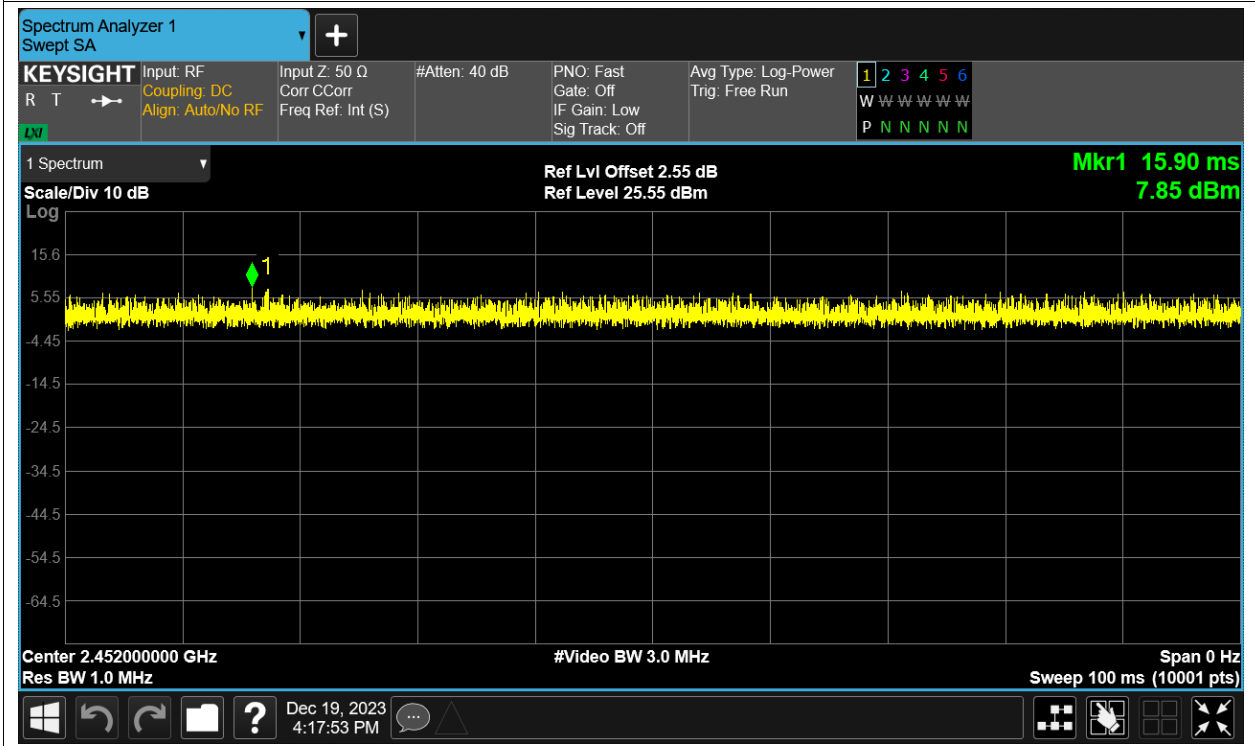
Duty Cycle NVNT n40 2422MHz Ant8



Duty Cycle NVNT n40 2437MHz Ant8



Duty Cycle NVNT n40 2452MHz Ant8



## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant8	17.53	0	17.53	30	Pass
NVNT	b	2437	Ant8	17.88	0	17.88	30	Pass
NVNT	b	2462	Ant8	17.64	0	17.64	30	Pass
NVNT	g	2412	Ant8	15.06	0	15.06	30	Pass
NVNT	g	2437	Ant8	15.22	0	15.22	30	Pass
NVNT	g	2462	Ant8	14.89	0	14.89	30	Pass
NVNT	n20	2412	Ant8	14.95	0	14.95	30	Pass
NVNT	n20	2437	Ant8	15.13	0	15.13	30	Pass
NVNT	n20	2462	Ant8	14.8	0	14.8	30	Pass
NVNT	n40	2422	Ant8	14.33	0	14.33	30	Pass
NVNT	n40	2437	Ant8	14.67	0	14.67	30	Pass
NVNT	n40	2452	Ant8	14.82	0	14.82	30	Pass

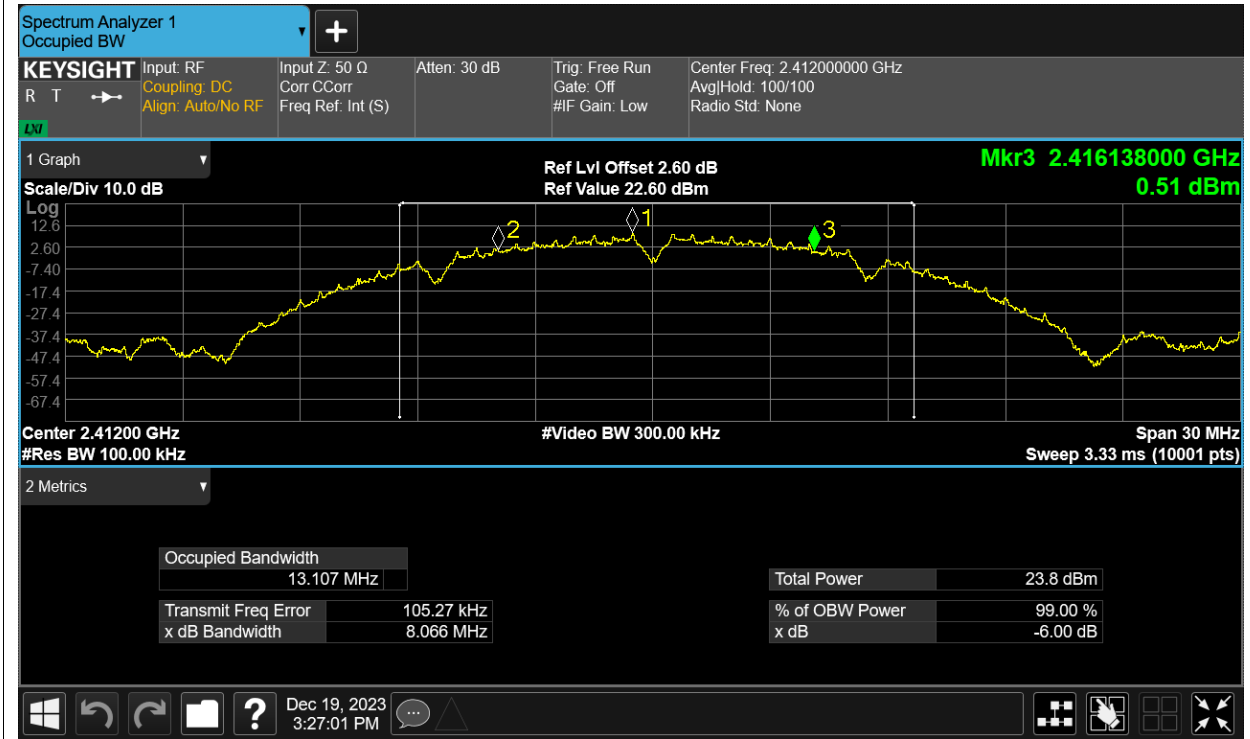


## -6dB Bandwidth

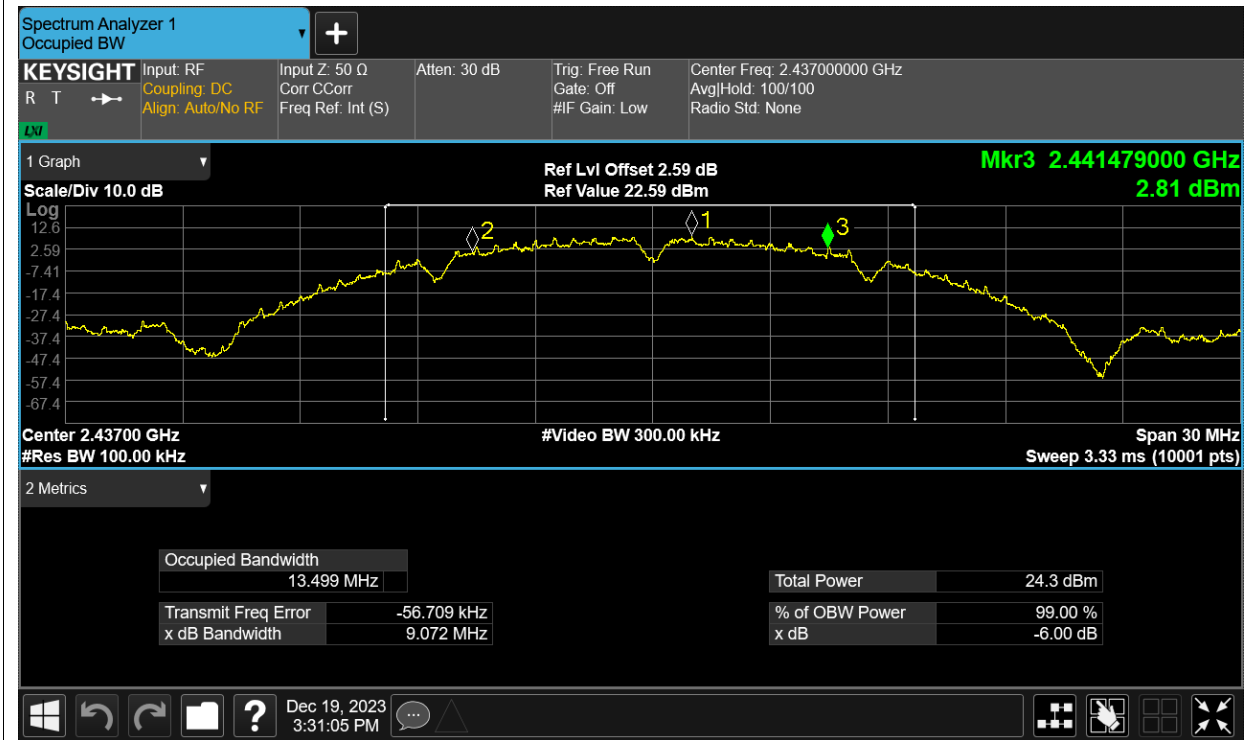
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant8	8.066	0.5	Pass
NVNT	b	2437	Ant8	9.072	0.5	Pass
NVNT	b	2462	Ant8	7.576	0.5	Pass
NVNT	g	2412	Ant8	16.311	0.5	Pass
NVNT	g	2437	Ant8	16.367	0.5	Pass
NVNT	g	2462	Ant8	16.33	0.5	Pass
NVNT	n20	2412	Ant8	17.571	0.5	Pass
NVNT	n20	2437	Ant8	17.572	0.5	Pass
NVNT	n20	2462	Ant8	17.671	0.5	Pass
NVNT	n40	2422	Ant8	35.417	0.5	Pass
NVNT	n40	2437	Ant8	36.335	0.5	Pass
NVNT	n40	2452	Ant8	36.328	0.5	Pass

Test Graphs

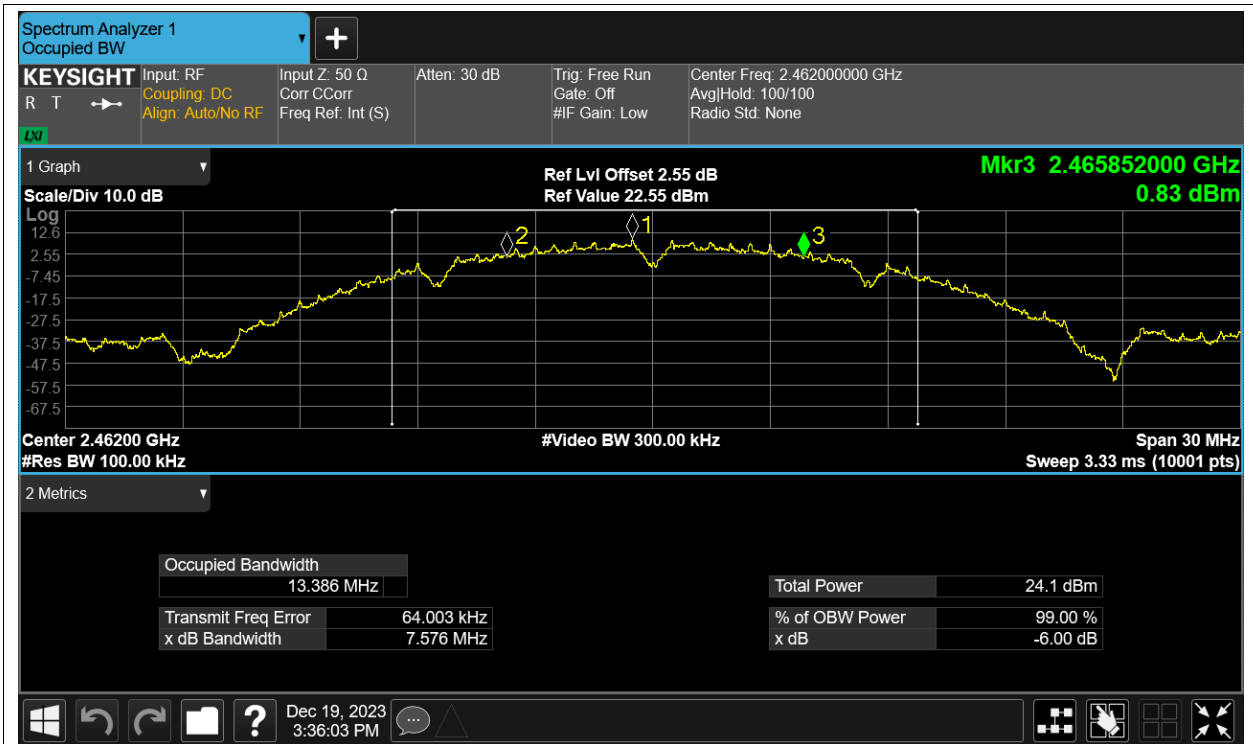
-6dB Bandwidth NVNT b 2412MHz Ant8



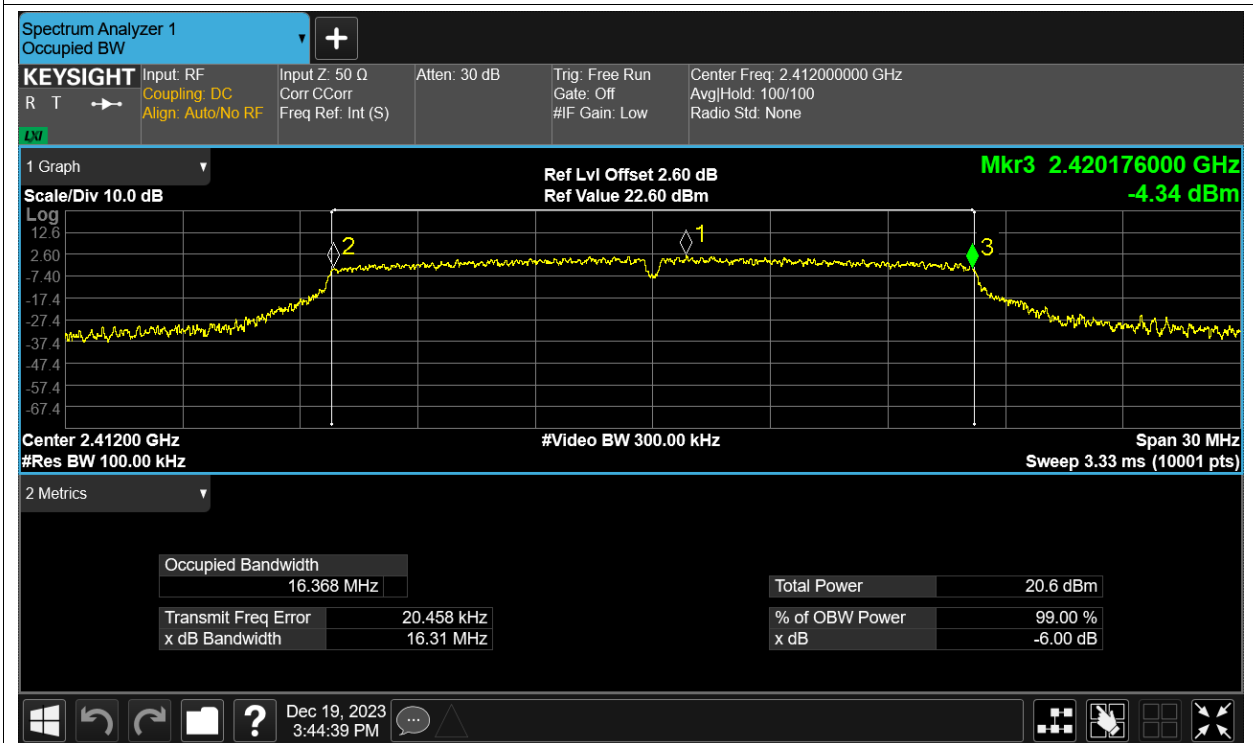
-6dB Bandwidth NVNT b 2437MHz Ant8



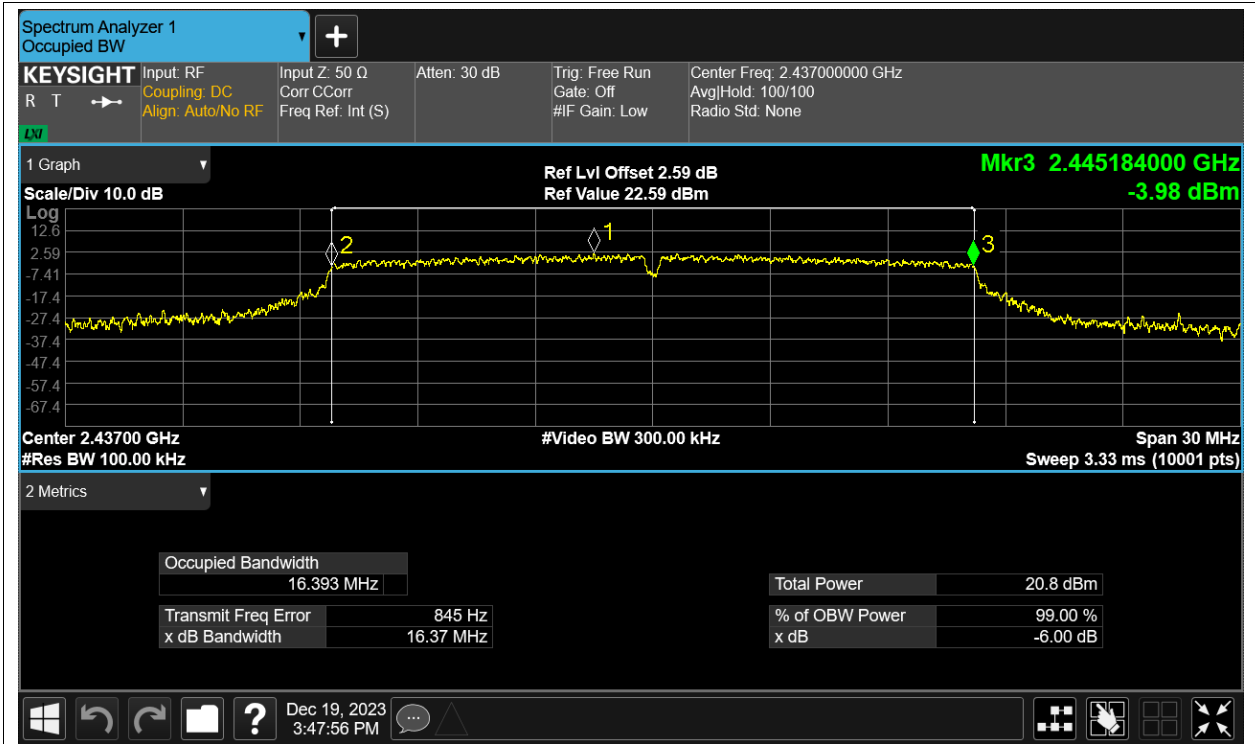
-6dB Bandwidth NVNT b 2462MHz Ant8



-6dB Bandwidth NVNT g 2412MHz Ant8



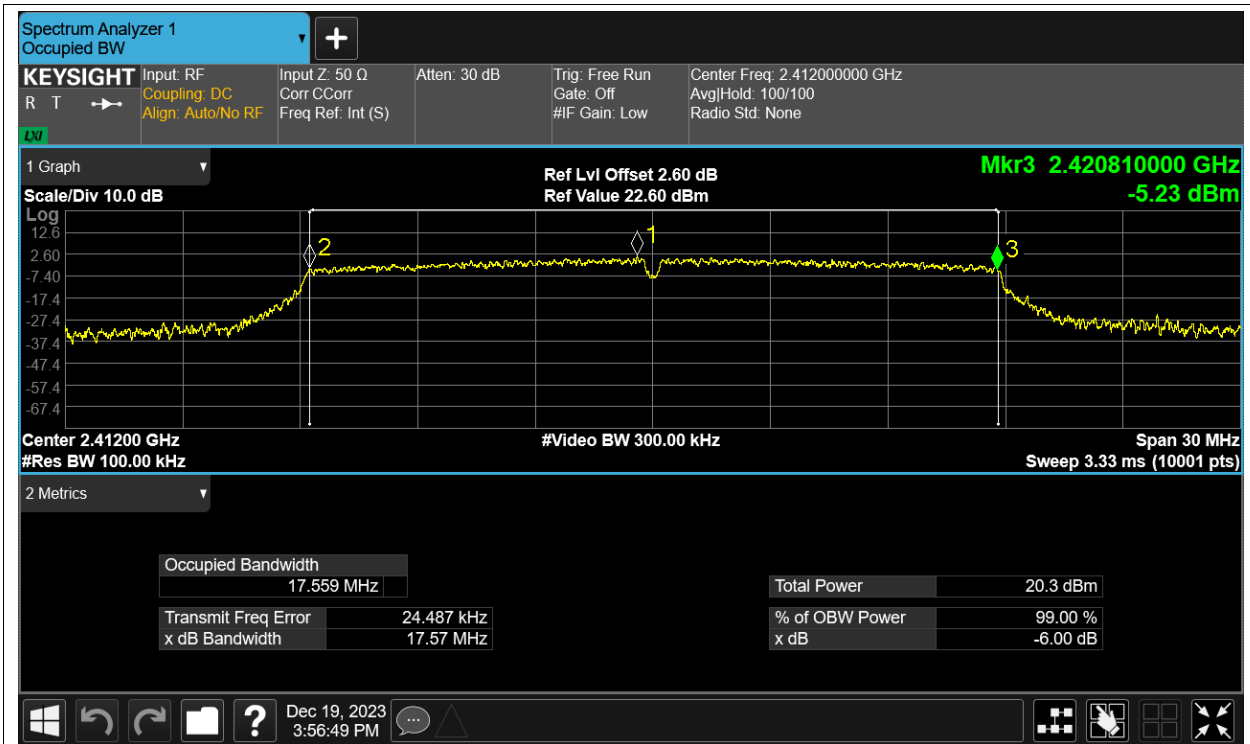
-6dB Bandwidth NVNT g 2437MHz Ant8



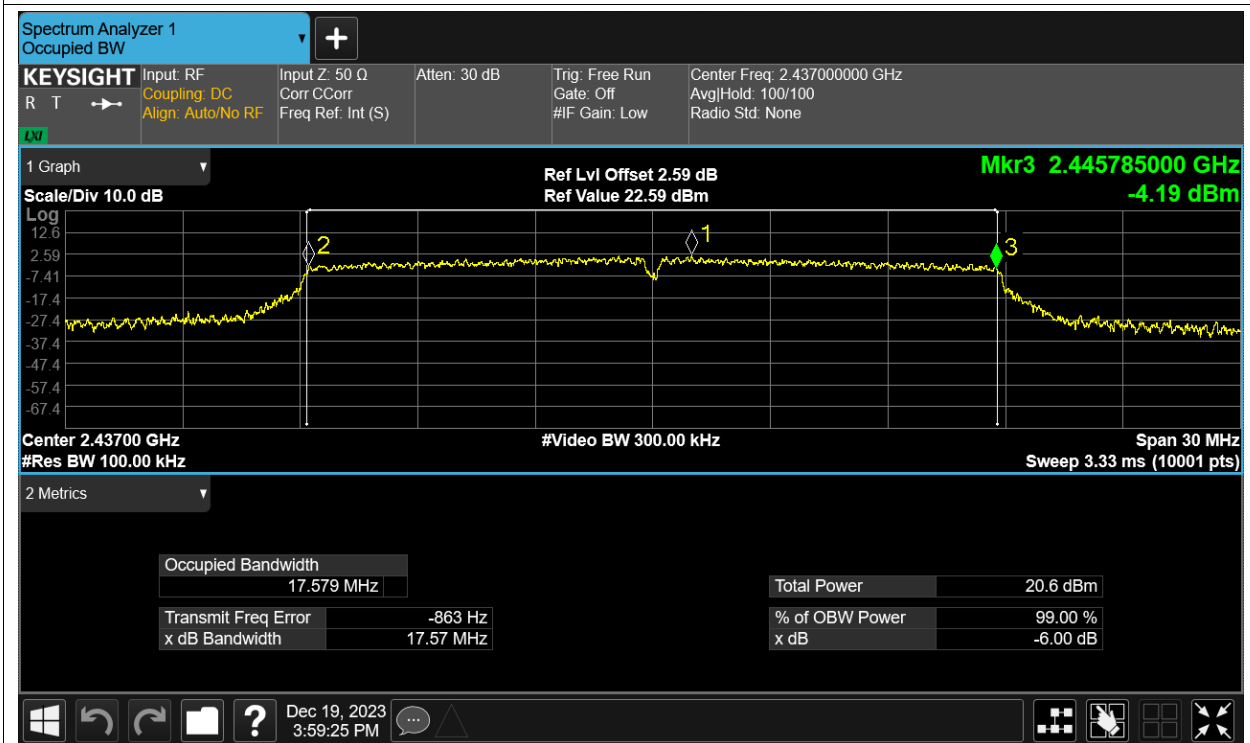
-6dB Bandwidth NVNT g 2462MHz Ant8



-6dB Bandwidth NVNT n20 2412MHz Ant8



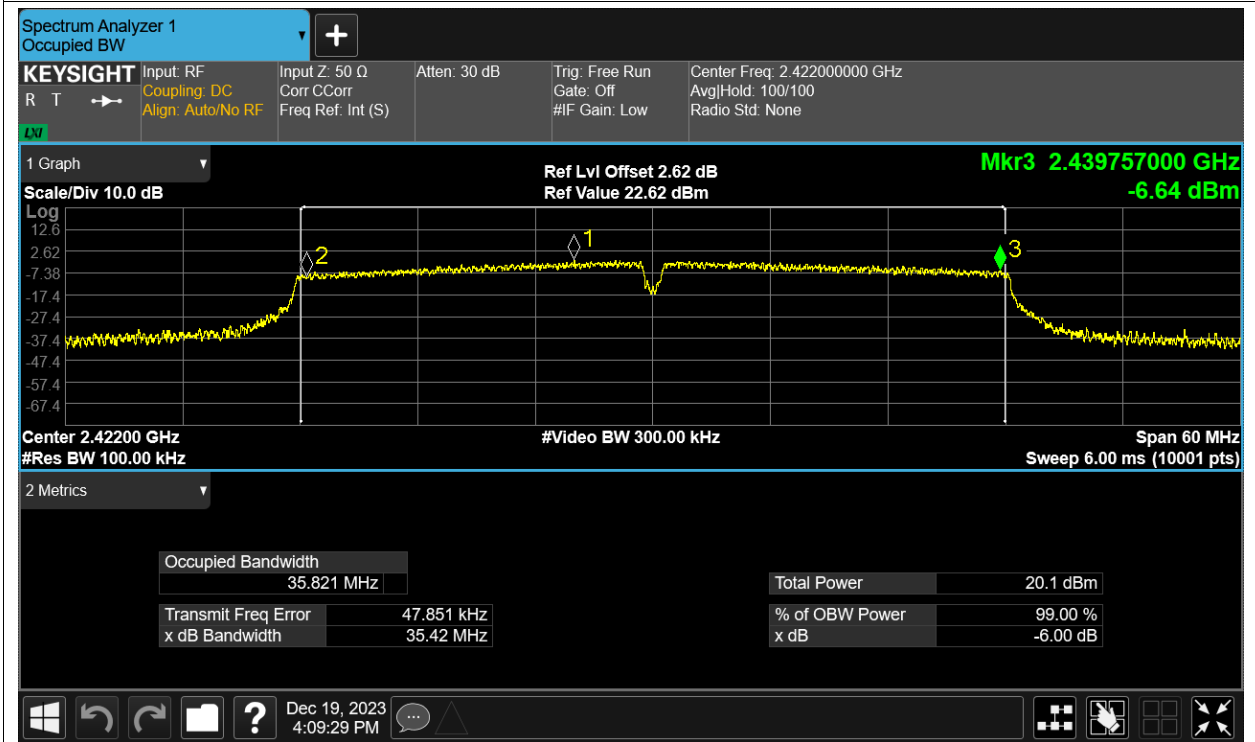
-6dB Bandwidth NVNT n20 2437MHz Ant8



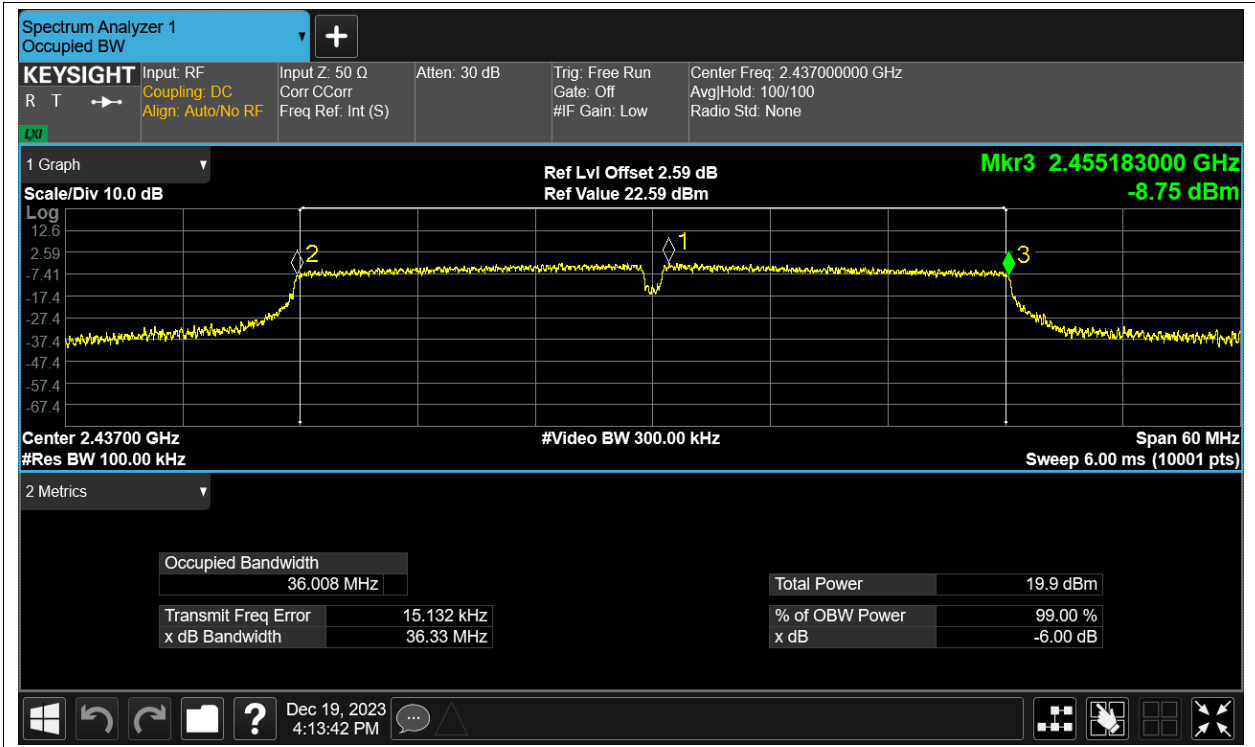
-6dB Bandwidth NVNT n20 2462MHz Ant8



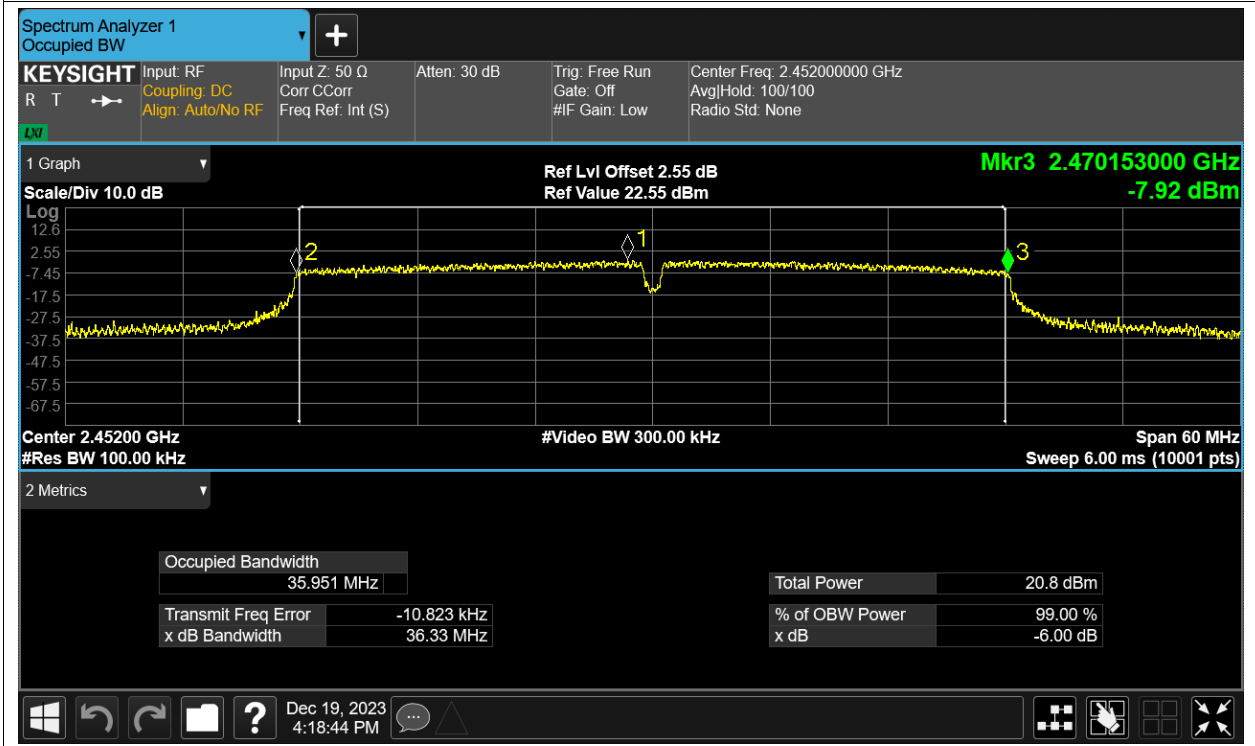
-6dB Bandwidth NVNT n40 2422MHz Ant8



-6dB Bandwidth NVNT n40 2437MHz Ant8



-6dB Bandwidth NVNT n40 2452MHz Ant8



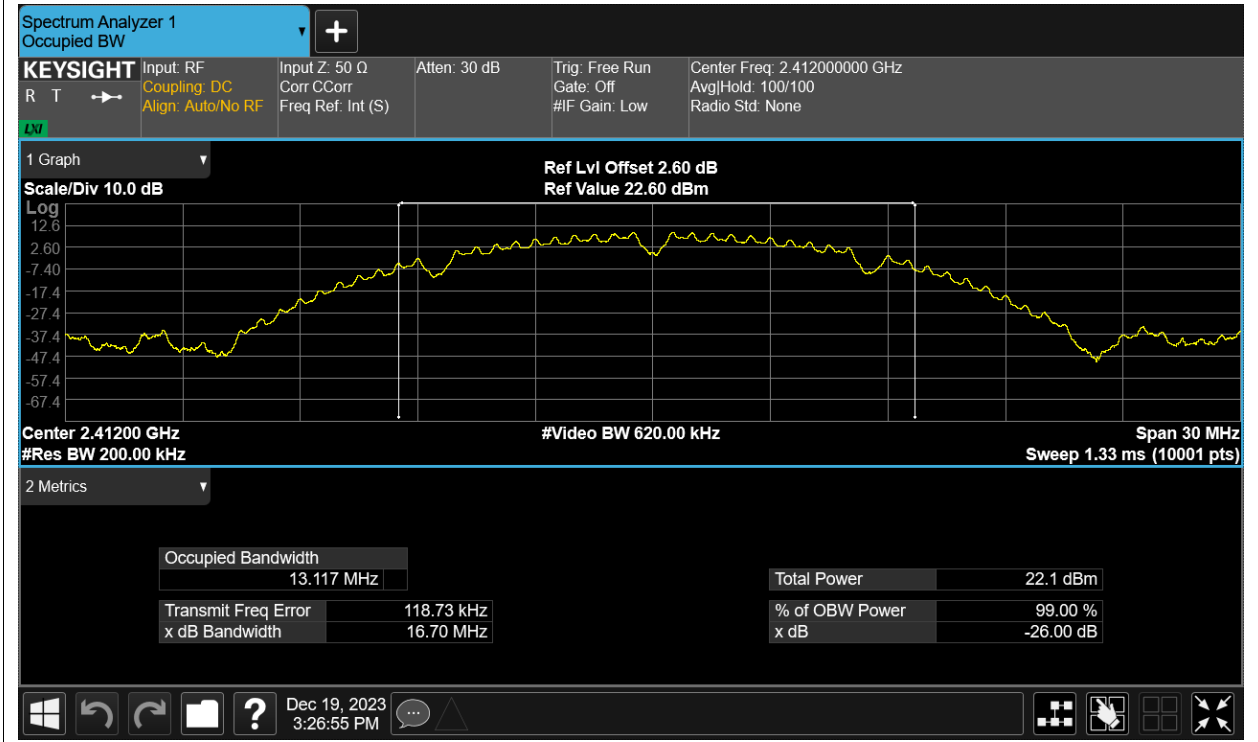
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant8	13.117
NVNT	b	2437	Ant8	13.522
NVNT	b	2462	Ant8	13.392
NVNT	g	2412	Ant8	16.457
NVNT	g	2437	Ant8	16.493
NVNT	g	2462	Ant8	16.498
NVNT	n20	2412	Ant8	17.598
NVNT	n20	2437	Ant8	17.632
NVNT	n20	2462	Ant8	17.64
NVNT	n40	2422	Ant8	35.881
NVNT	n40	2437	Ant8	36.063
NVNT	n40	2452	Ant8	36.053

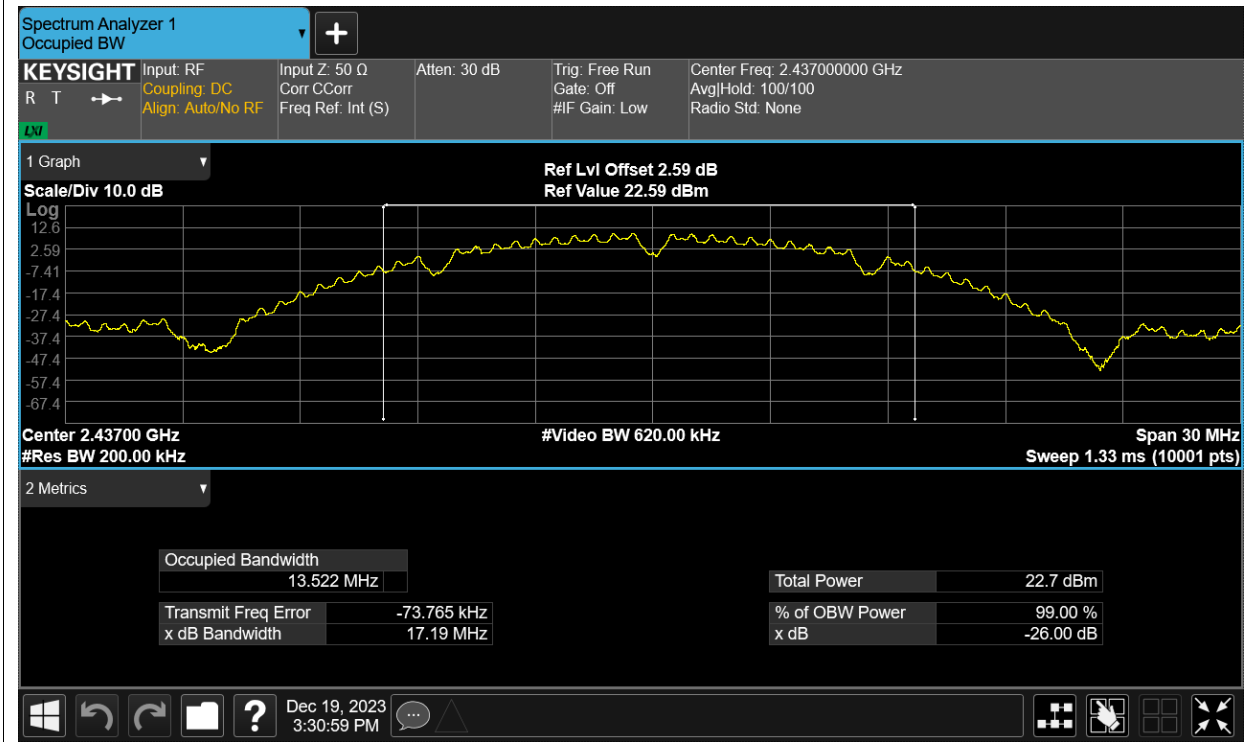


Test Graphs

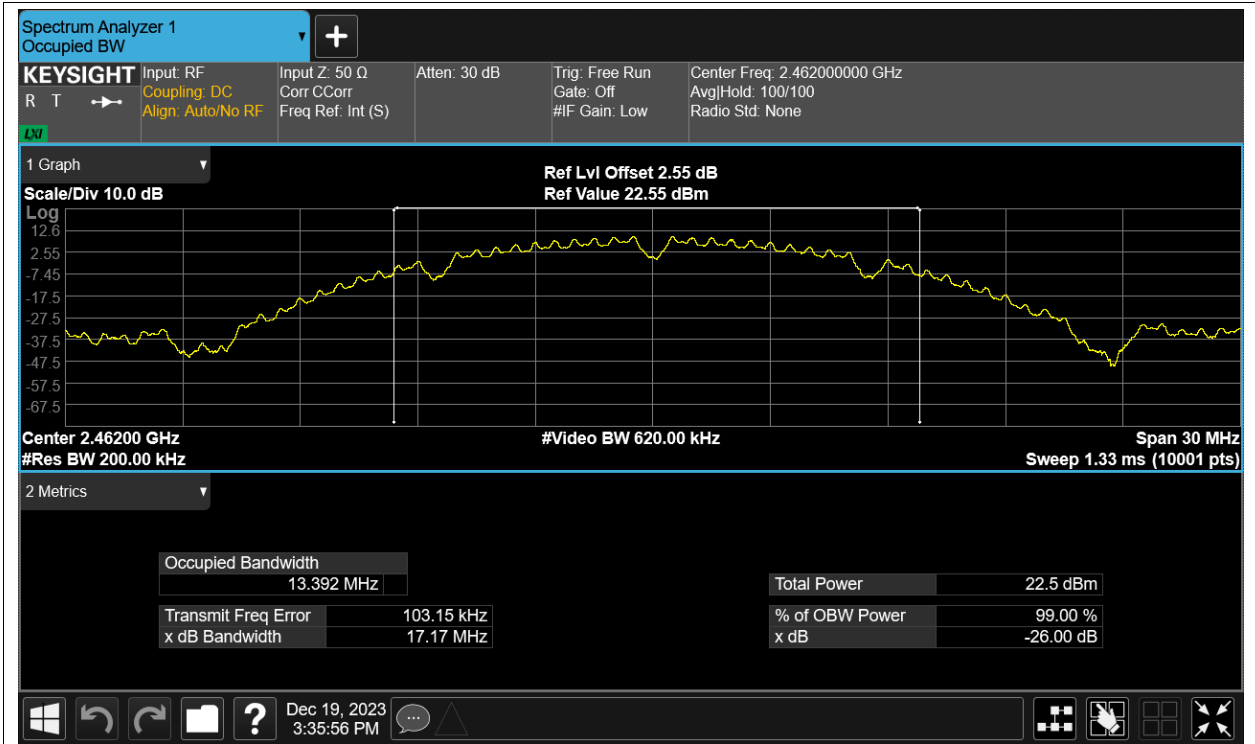
OBW NVNT b 2412MHz Ant8



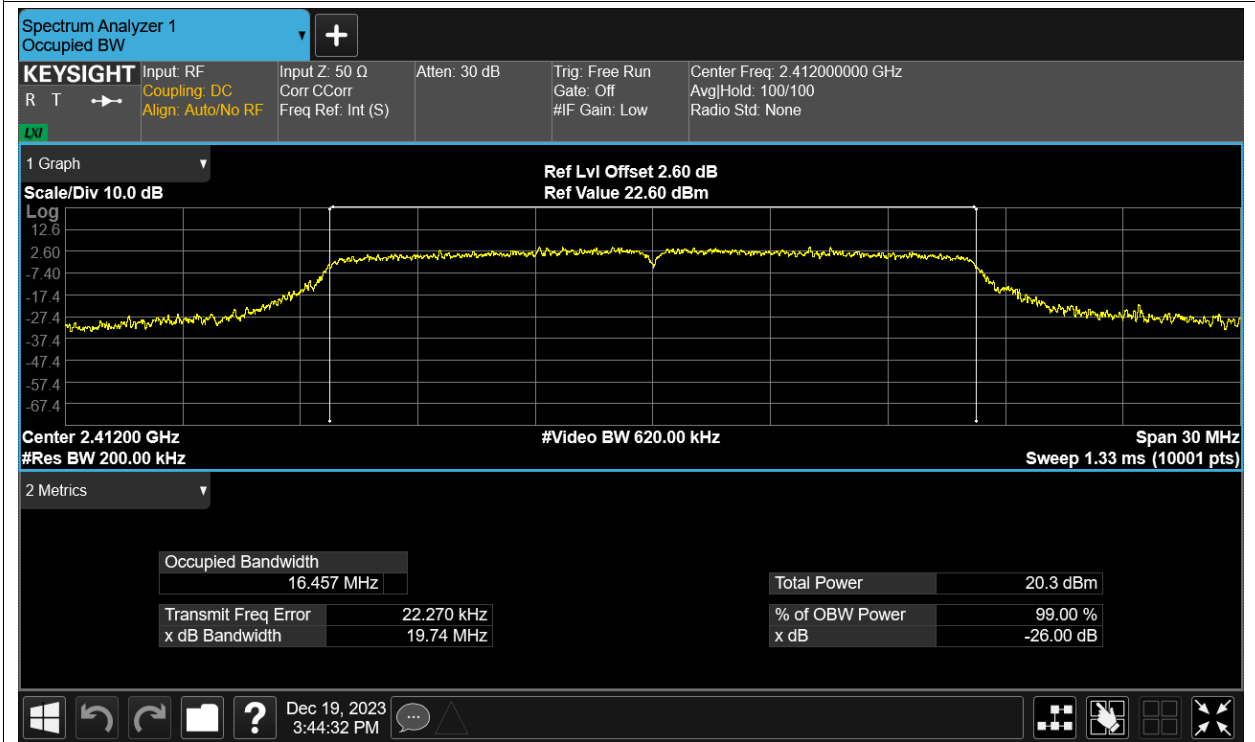
OBW NVNT b 2437MHz Ant8



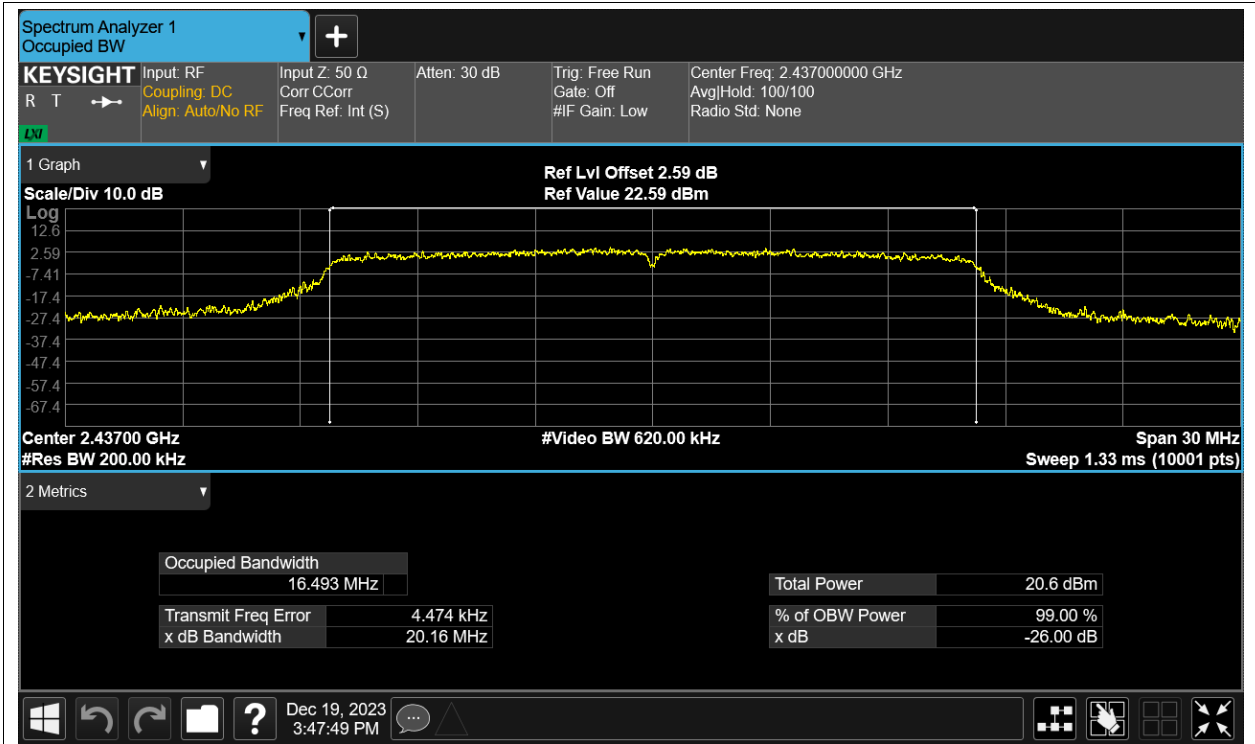
OBW NVNT b 2462MHz Ant8



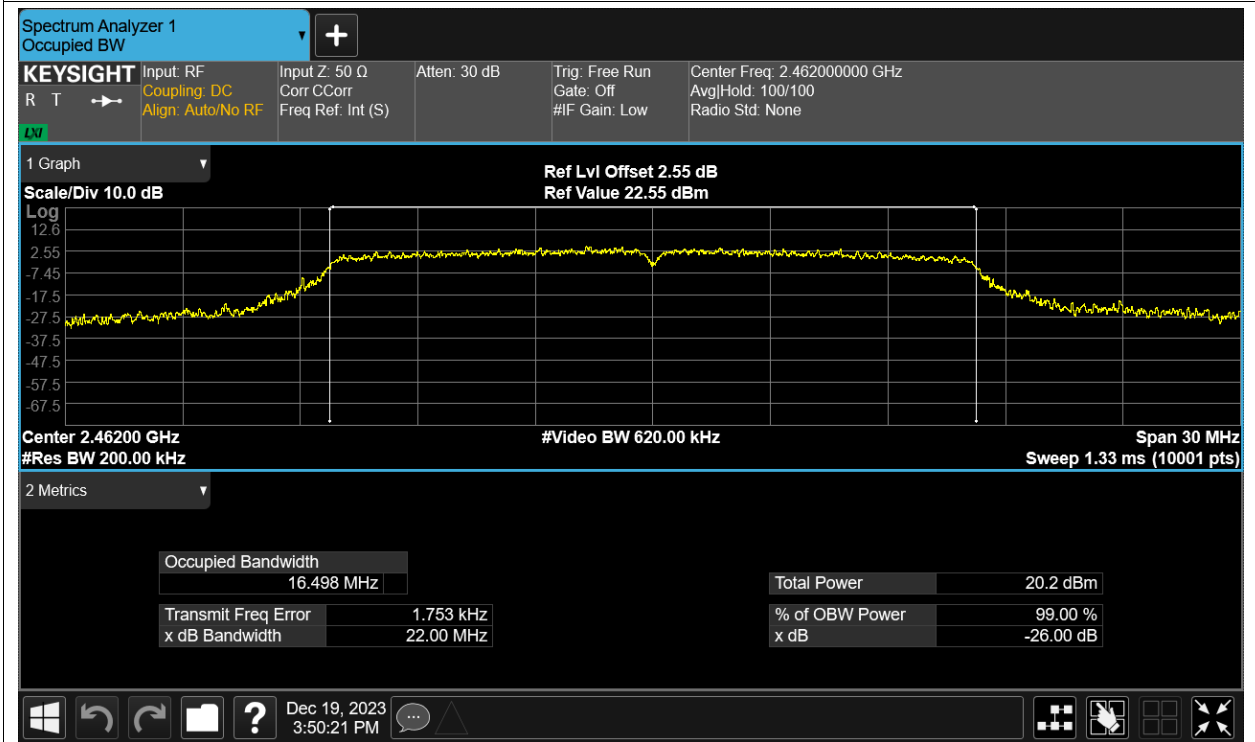
OBW NVNT g 2412MHz Ant8



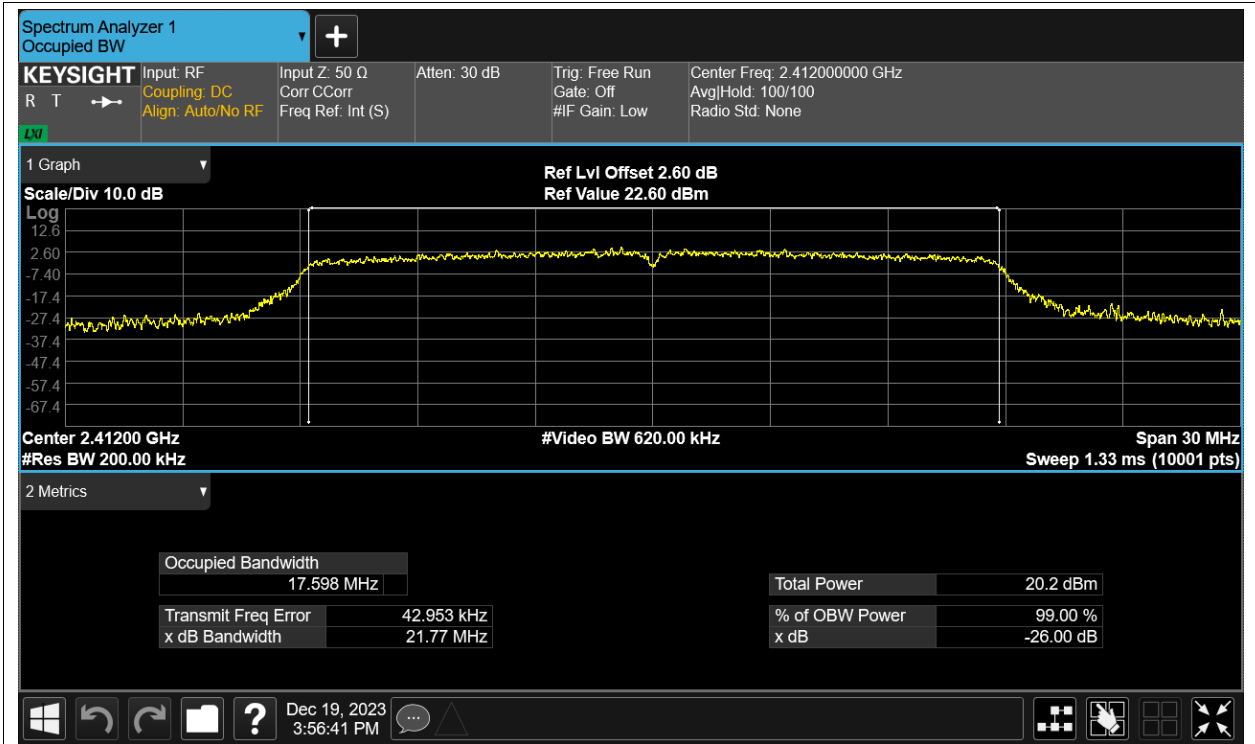
OBW NVNT g 2437MHz Ant8



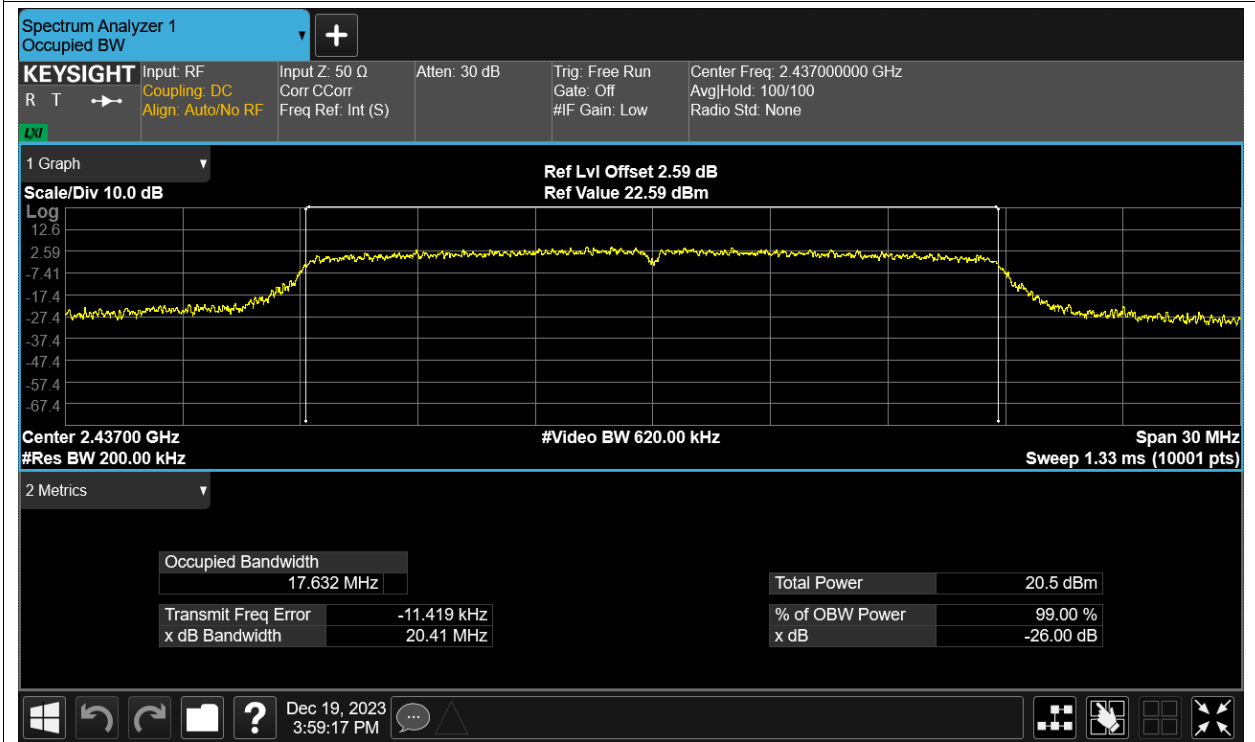
OBW NVNT g 2462MHz Ant8



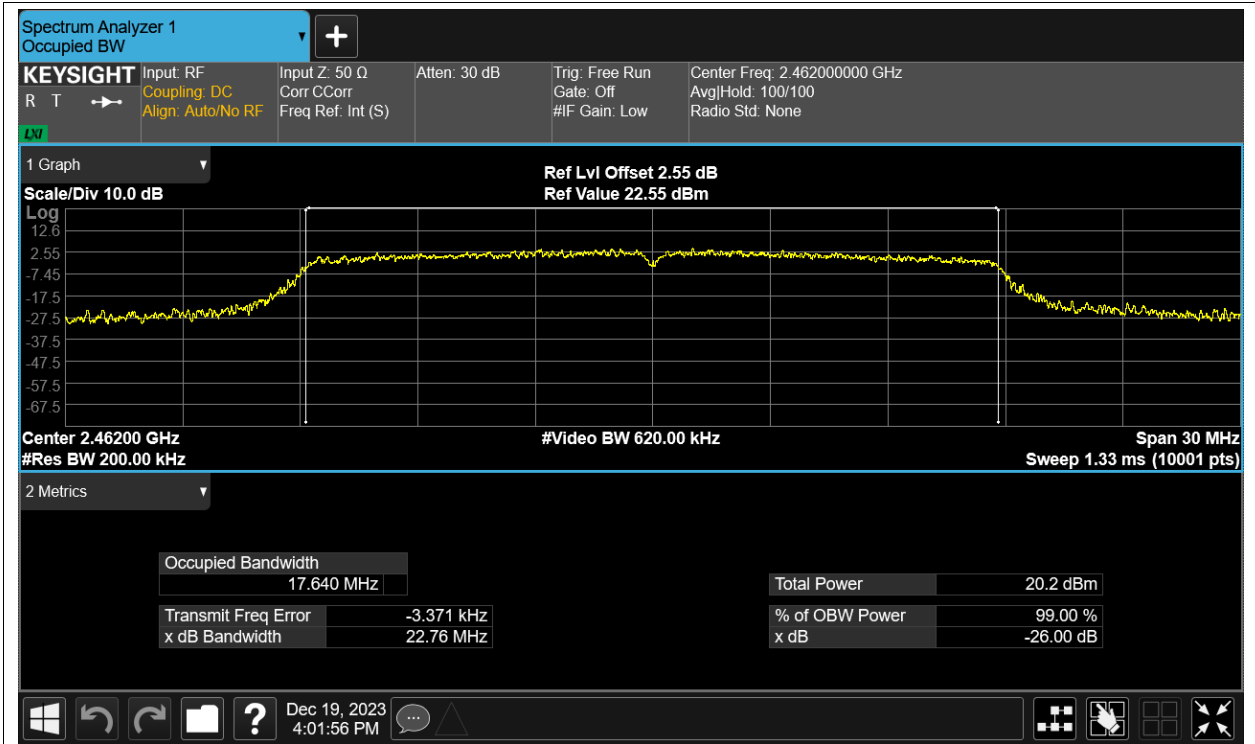
OBW NVNT n20 2412MHz Ant8



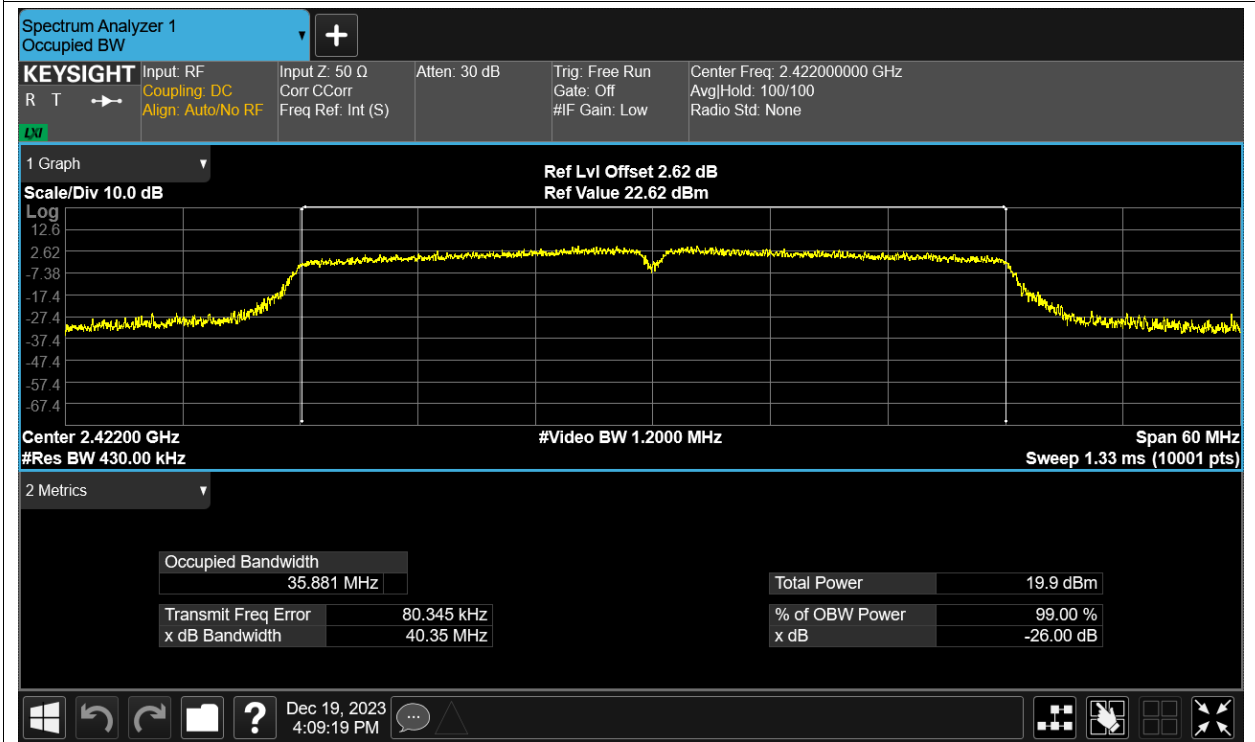
OBW NVNT n20 2437MHz Ant8



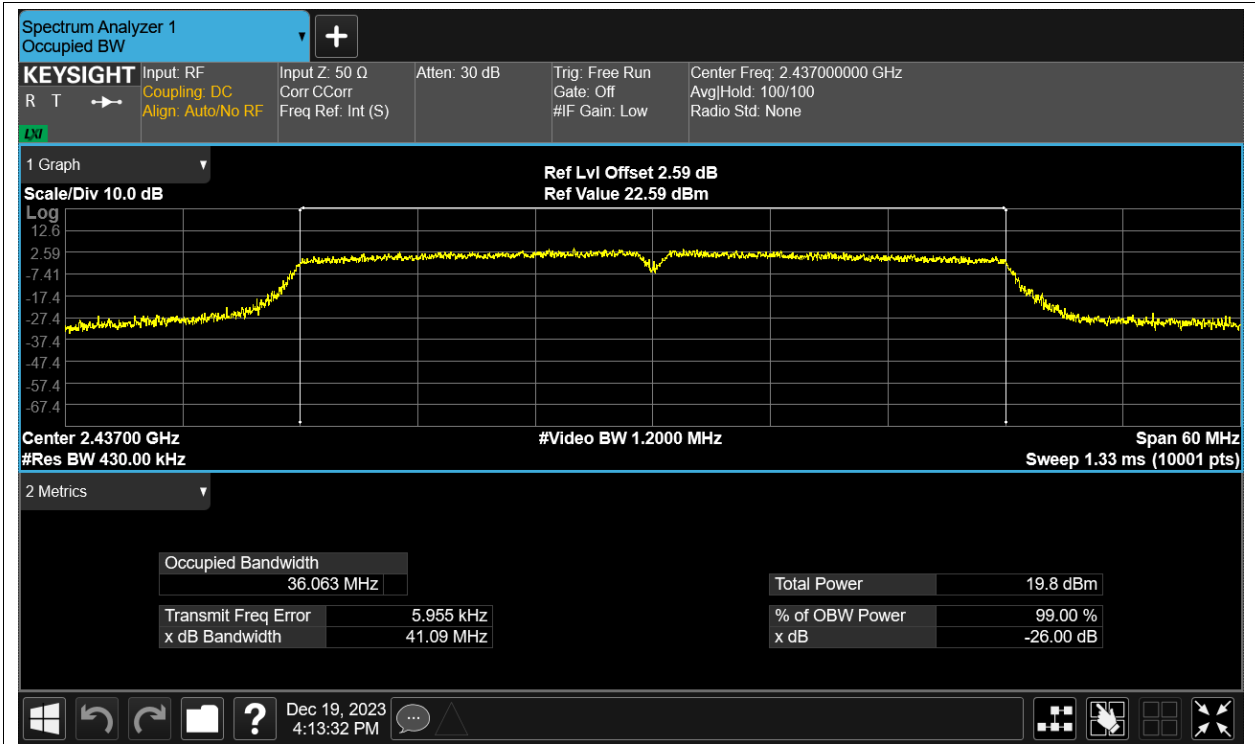
OBW NVNT n20 2462MHz Ant8



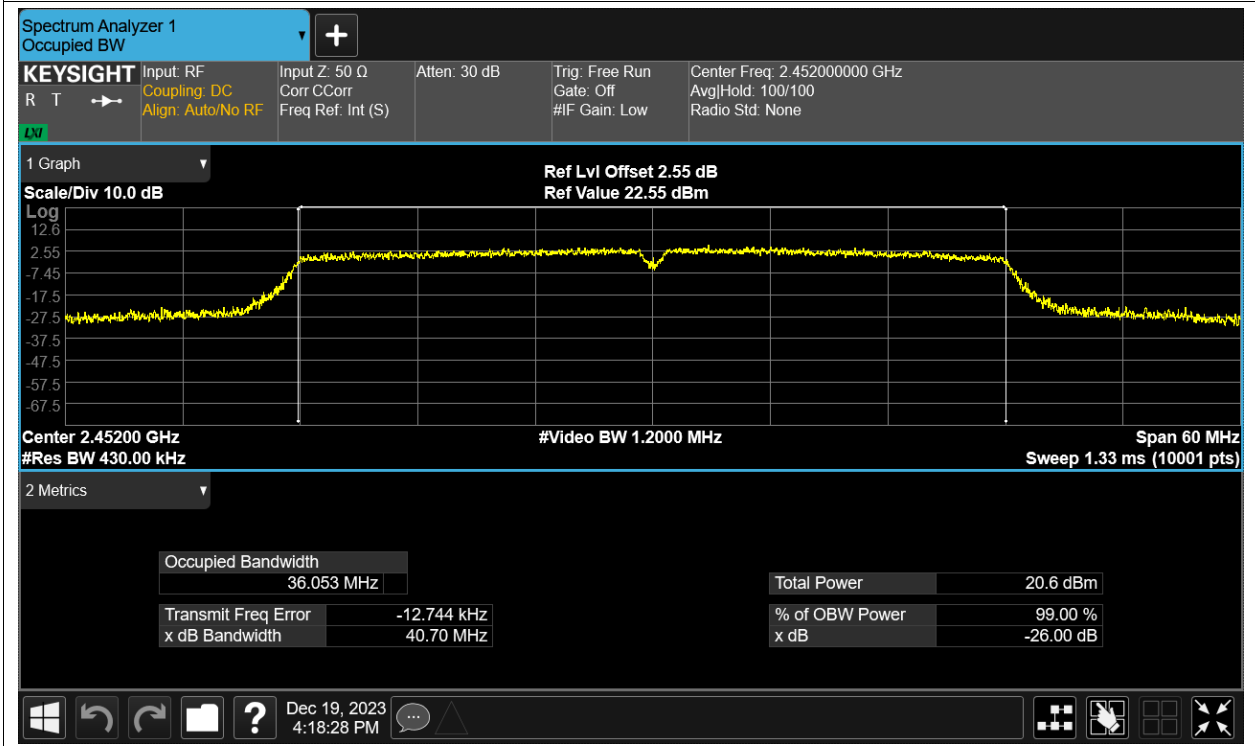
OBW NVNT n40 2422MHz Ant8



OBW NVNT n40 2437MHz Ant8



OBW NVNT n40 2452MHz Ant8

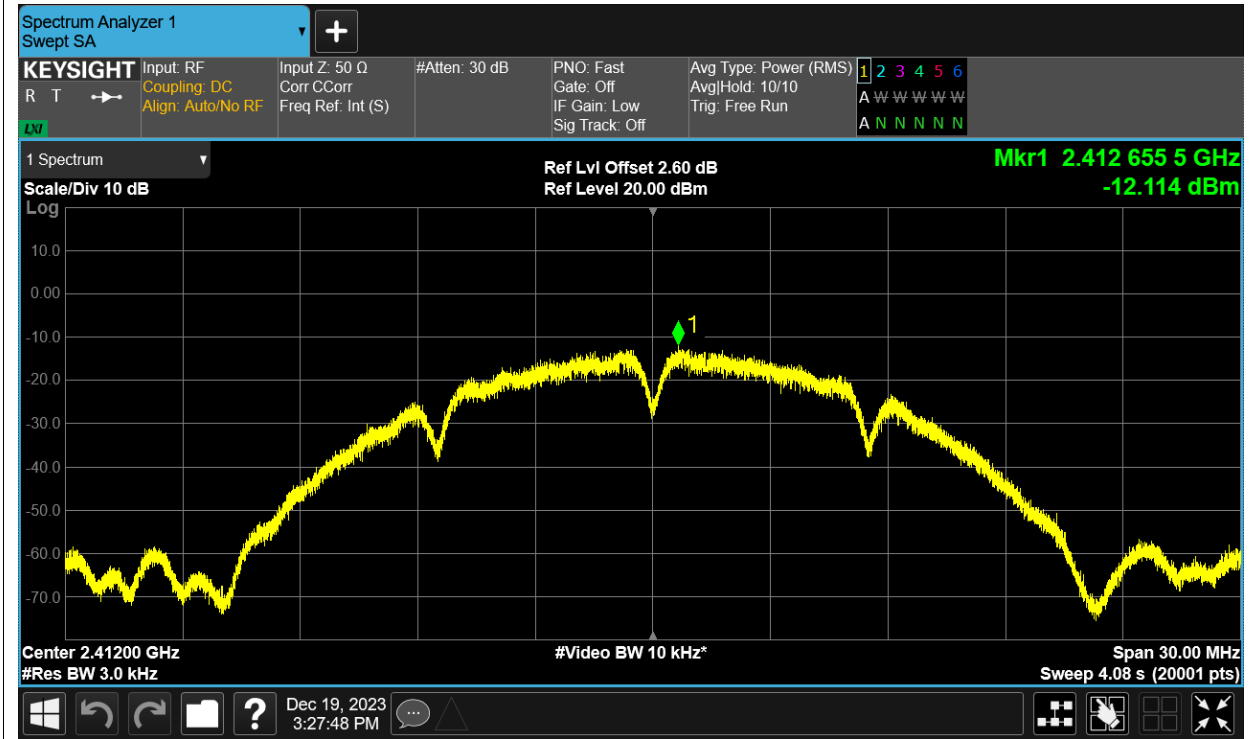


## Maximum Power Spectral Density Level

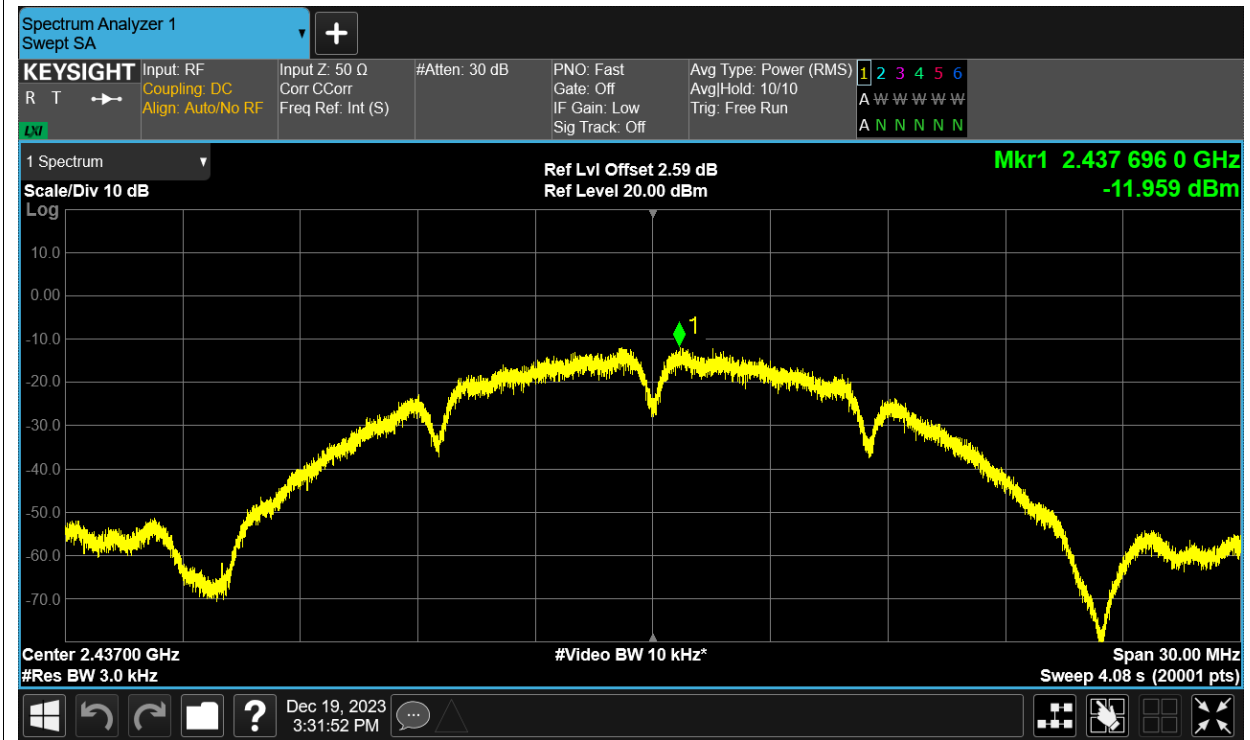
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant8	-12.114	8	Pass
NVNT	b	2437	Ant8	-11.959	8	Pass
NVNT	b	2462	Ant8	-11.42	8	Pass
NVNT	g	2412	Ant8	-15.818	8	Pass
NVNT	g	2437	Ant8	-16.309	8	Pass
NVNT	g	2462	Ant8	-17.154	8	Pass
NVNT	n20	2412	Ant8	-16.33	8	Pass
NVNT	n20	2437	Ant8	-16.552	8	Pass
NVNT	n20	2462	Ant8	-17.189	8	Pass
NVNT	n40	2422	Ant8	-19.641	8	Pass
NVNT	n40	2437	Ant8	-20.392	8	Pass
NVNT	n40	2452	Ant8	-19.858	8	Pass

Test Graphs

PSD NVNT b 2412MHz Ant8

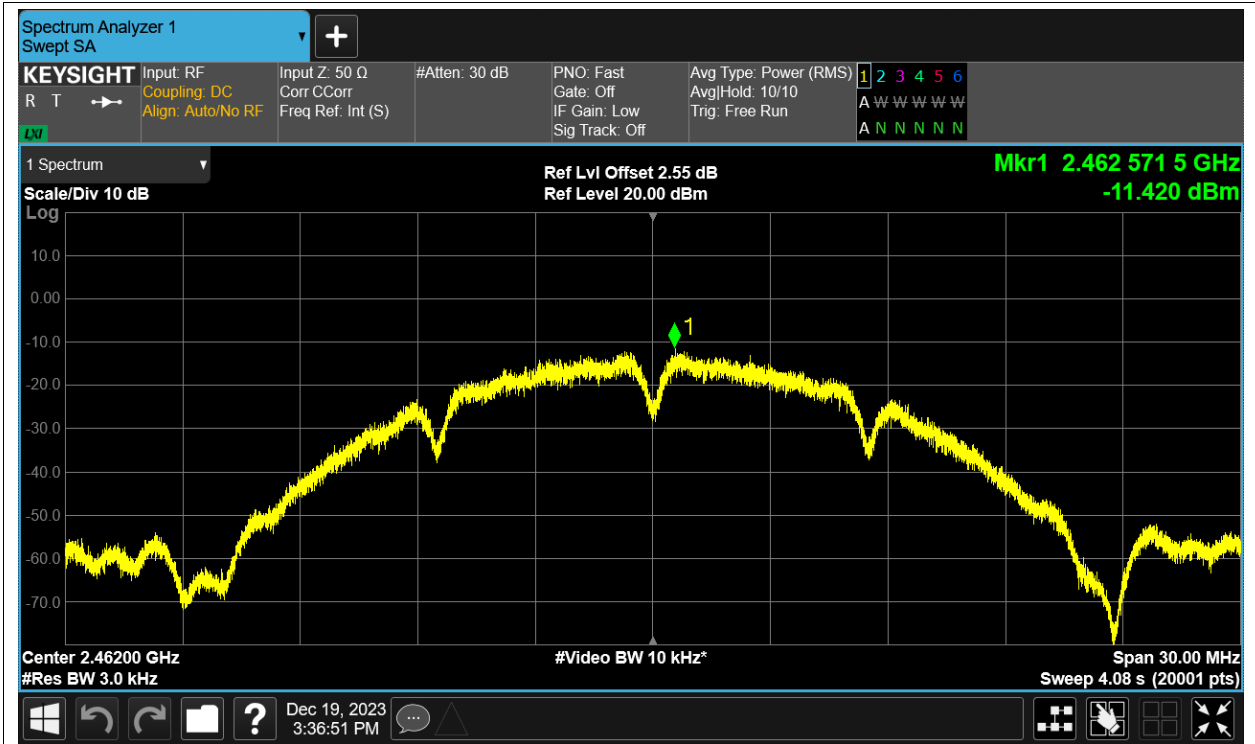


PSD NVNT b 2437MHz Ant8

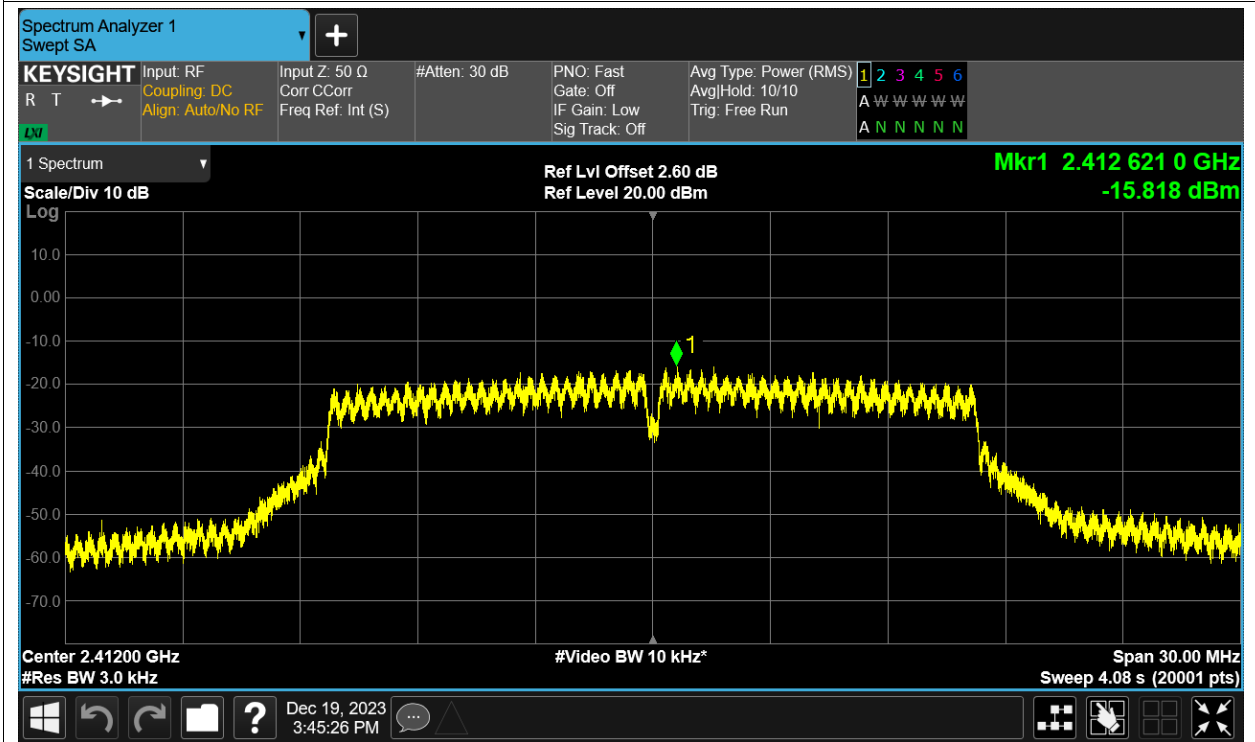


PSD NVNT b 2462MHz Ant8

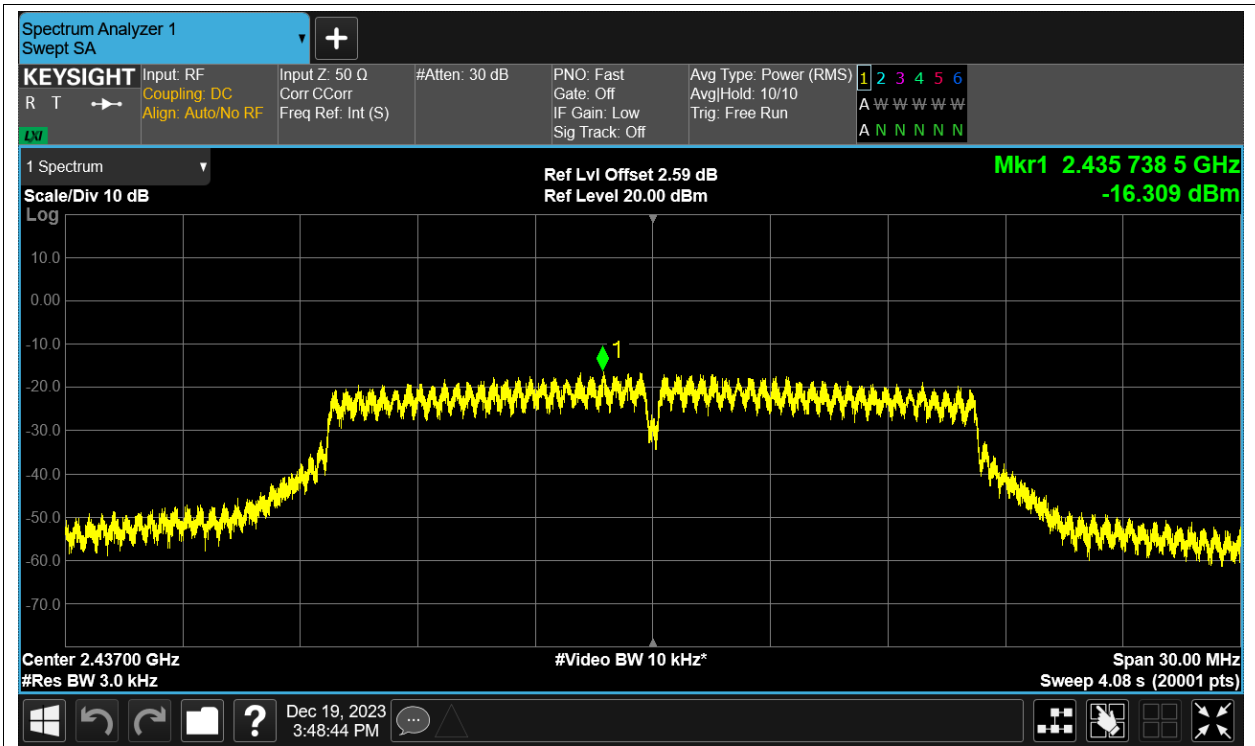




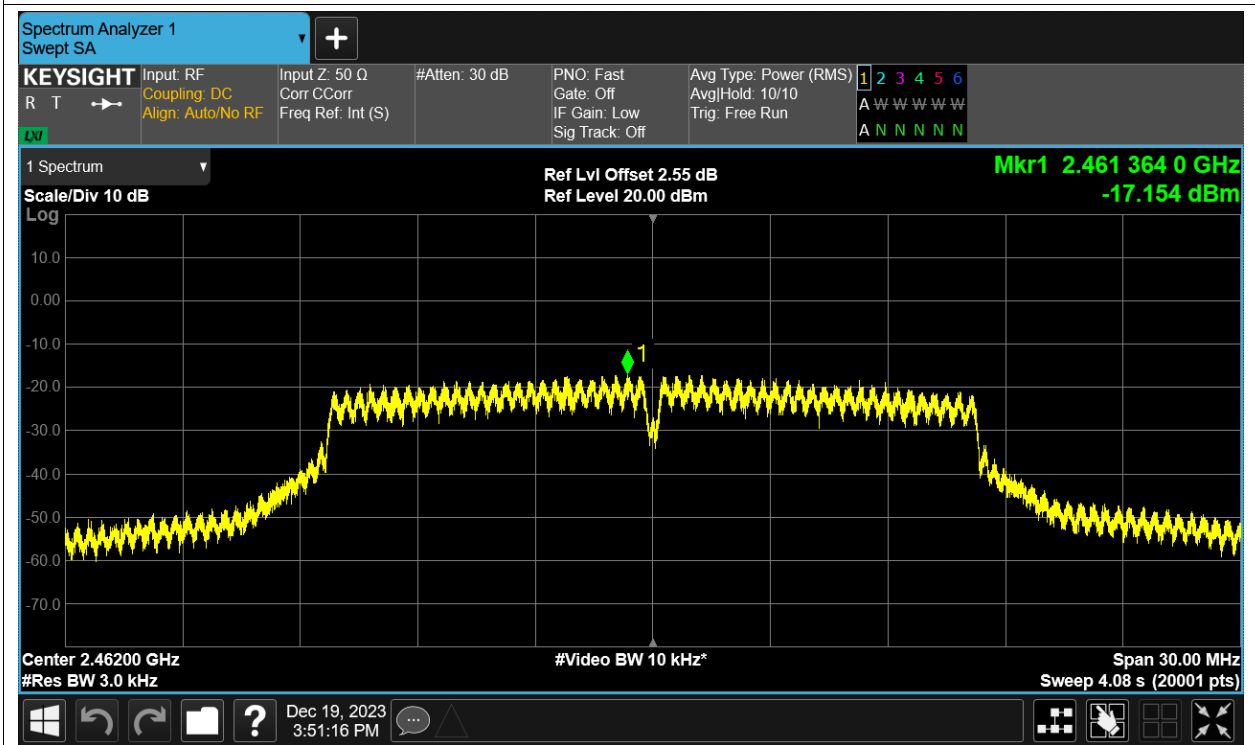
PSD NVNT g 2412MHz Ant8



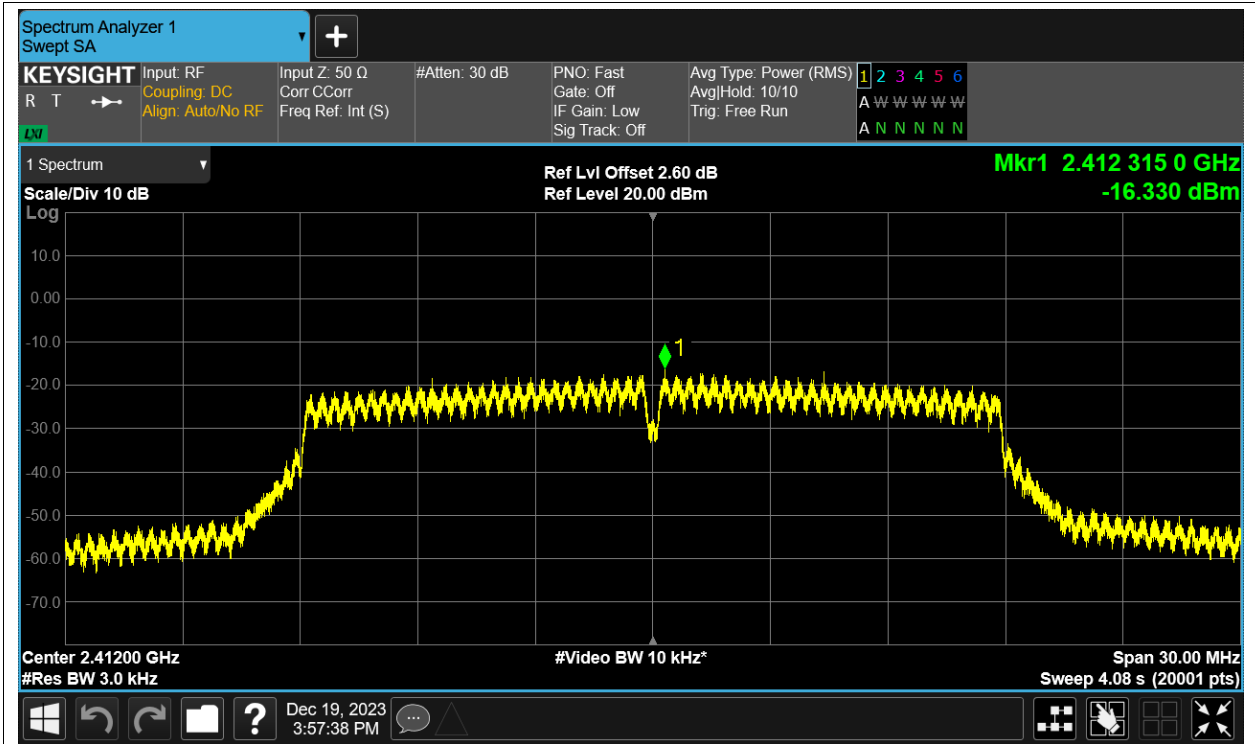
PSD NVNT g 2437MHz Ant8



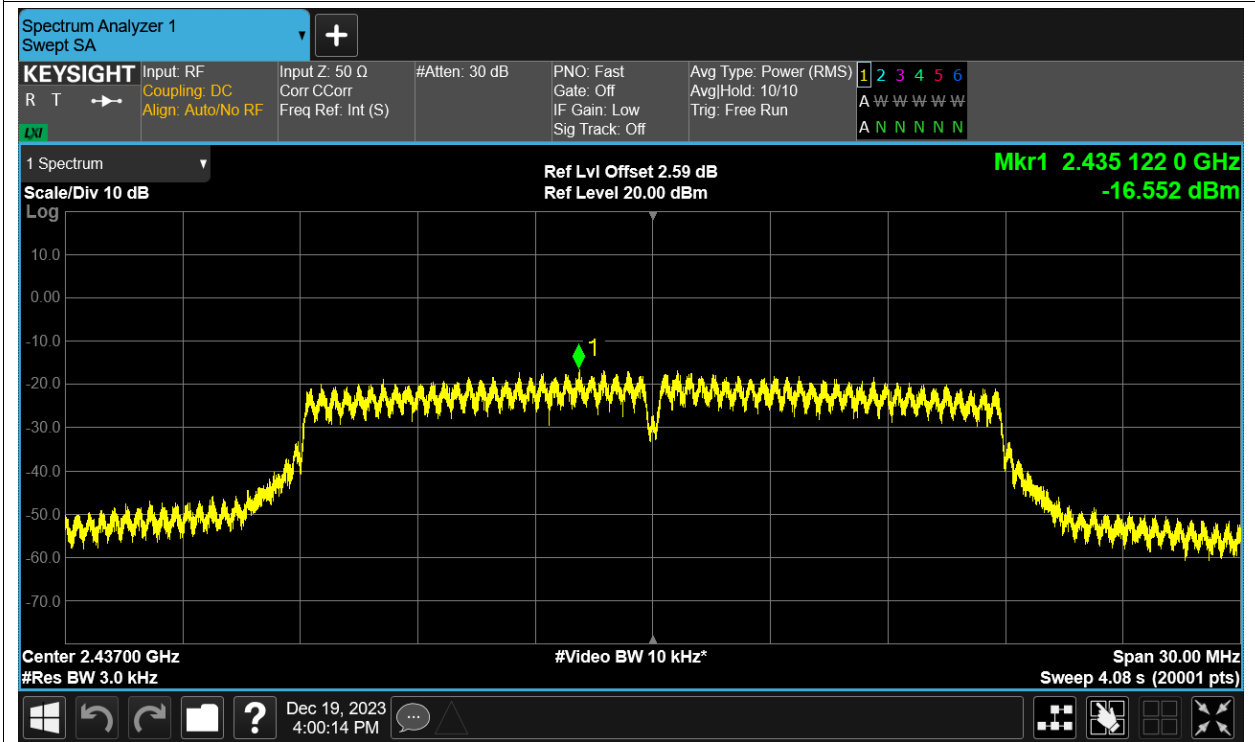
PSD NVNT g 2462MHz Ant8



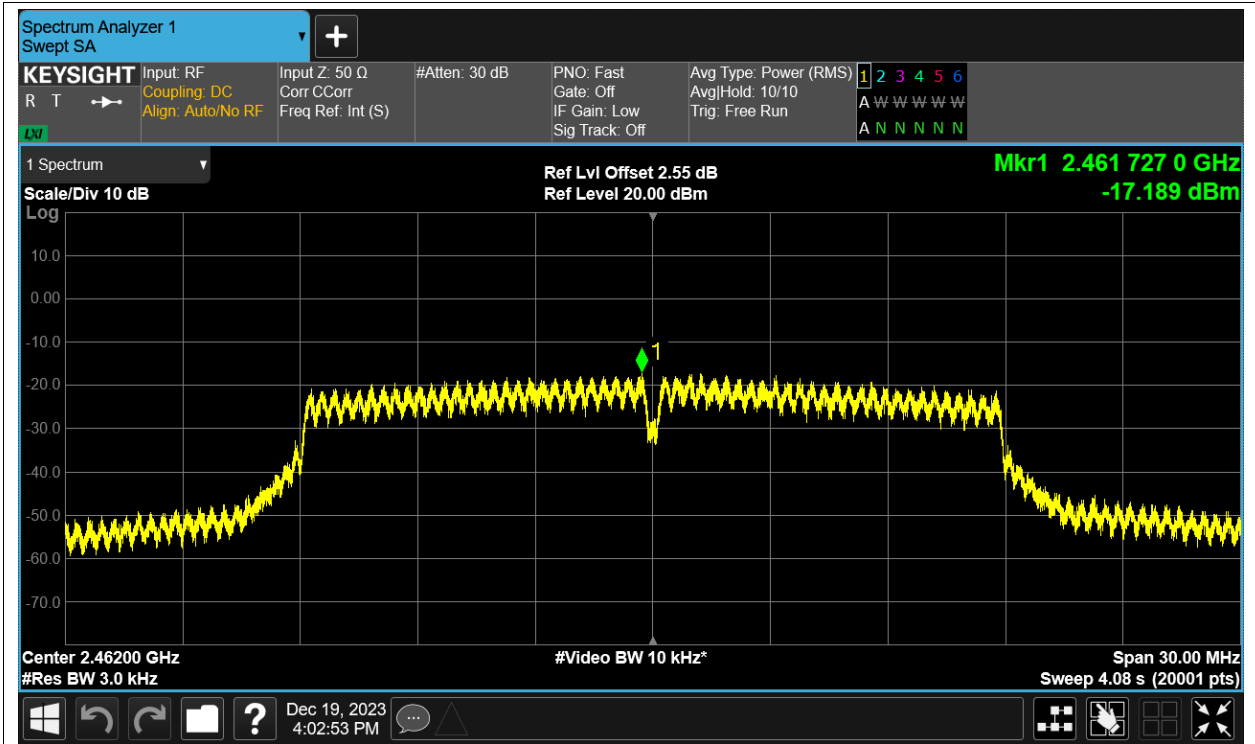
PSD NVNT n20 2412MHz Ant8



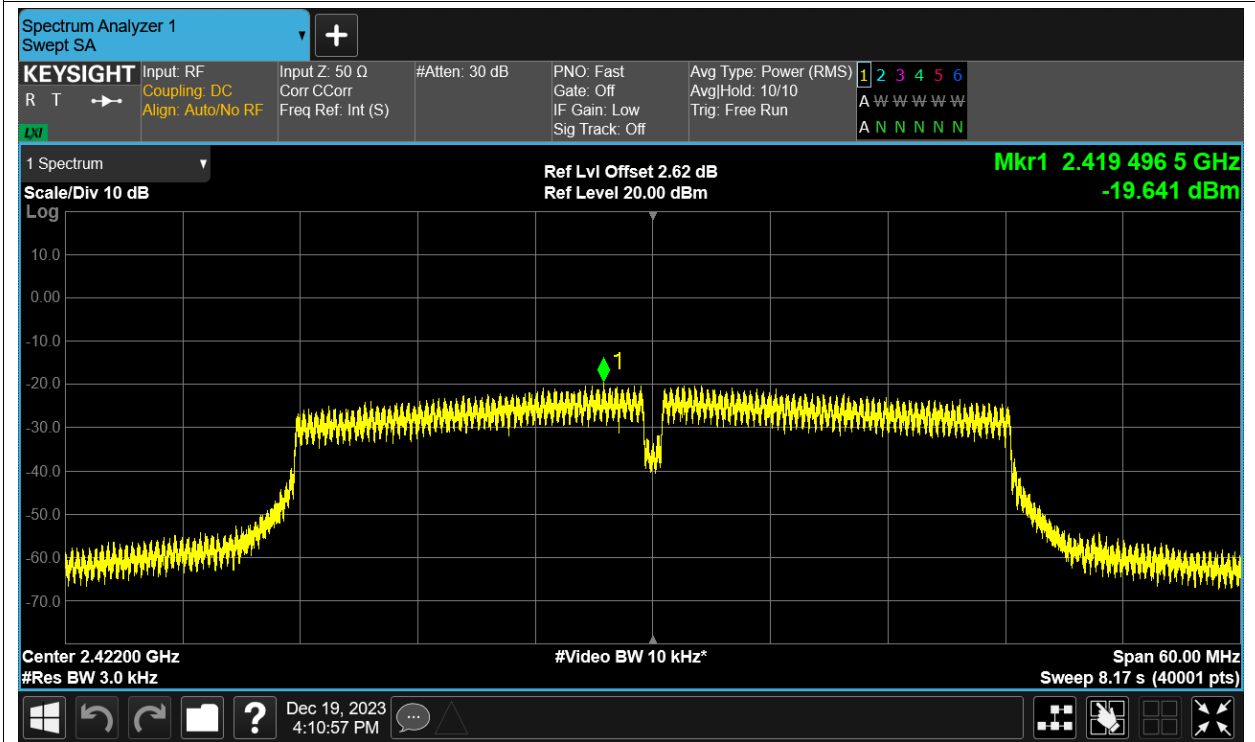
PSD NVNT n20 2437MHz Ant8



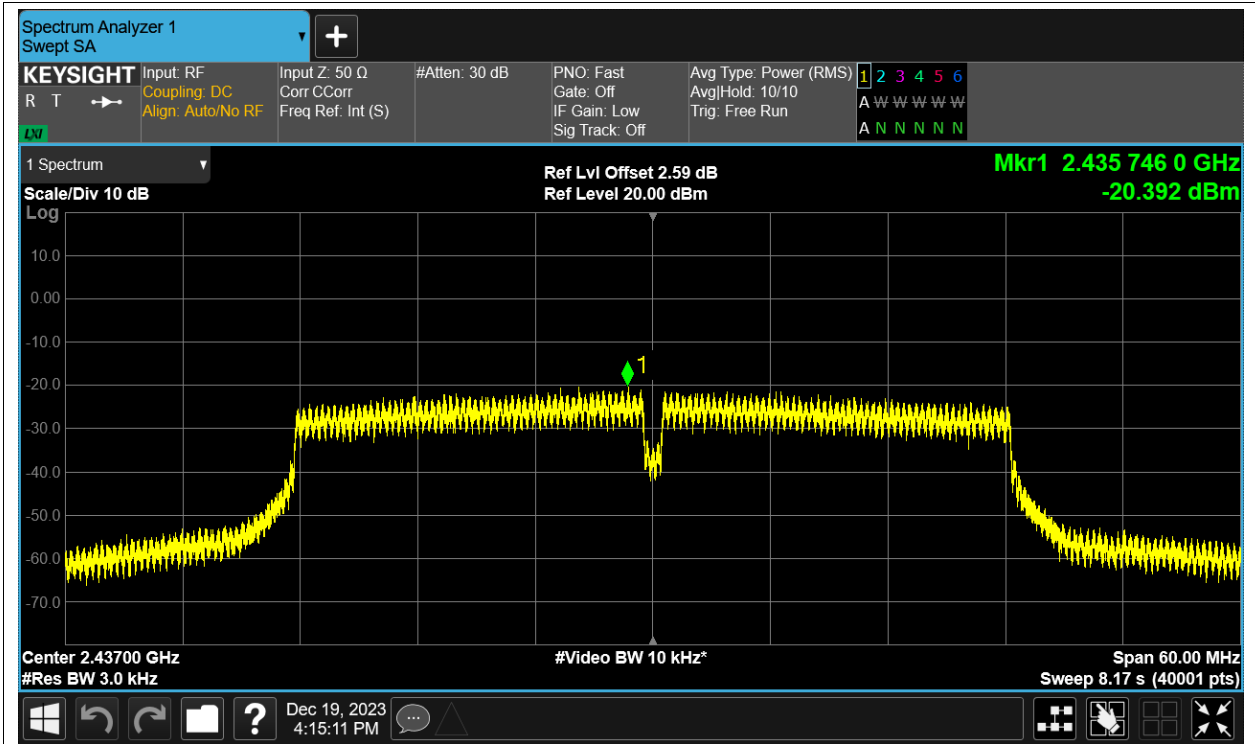
PSD NVNT n20 2462MHz Ant8



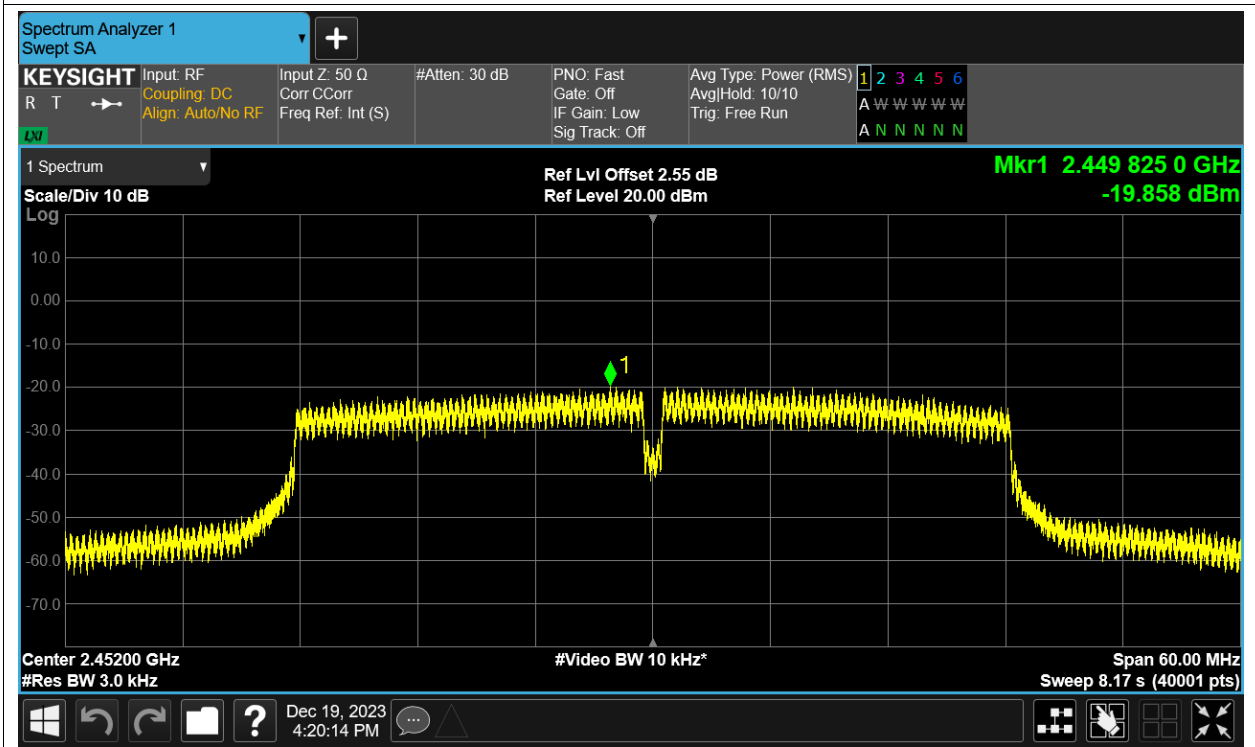
PSD NVNT n40 2422MHz Ant8



PSD NVNT n40 2437MHz Ant8



PSD NVNT n40 2452MHz Ant8

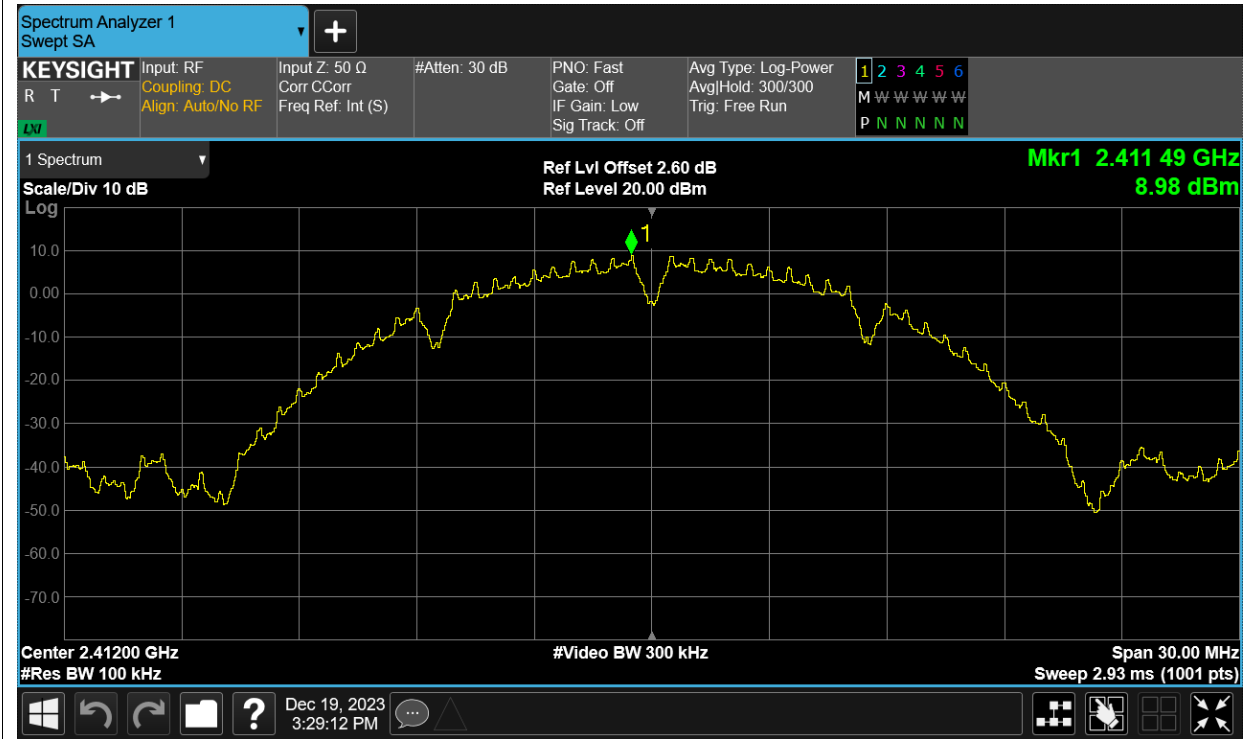


## Band Edge

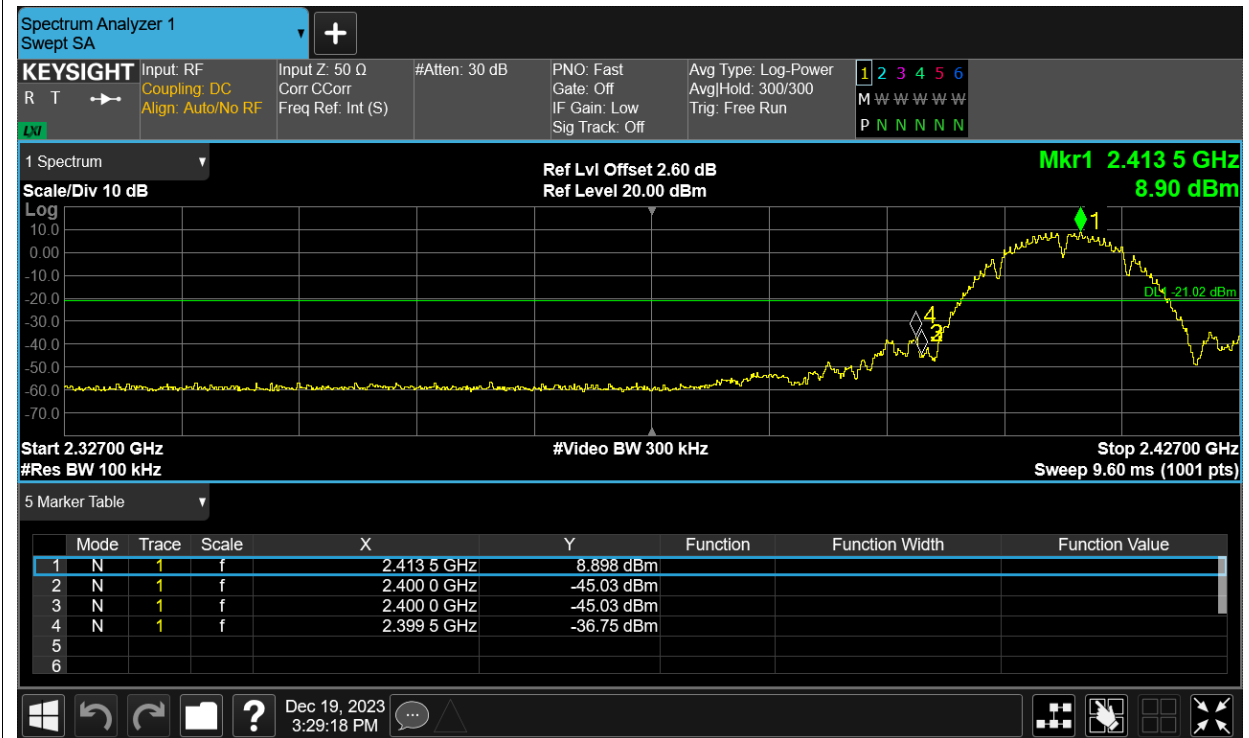
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant8	-45.73	-30	Pass
NVNT	b	2462	Ant8	-55.43	-30	Pass
NVNT	g	2412	Ant8	-31.42	-30	Pass
NVNT	g	2462	Ant8	-43.42	-30	Pass
NVNT	n20	2412	Ant8	-30.7	-30	Pass
NVNT	n20	2462	Ant8	-40.48	-30	Pass
NVNT	n40	2422	Ant8	-30.55	-30	Pass
NVNT	n40	2452	Ant8	-30.43	-30	Pass

Test Graphs

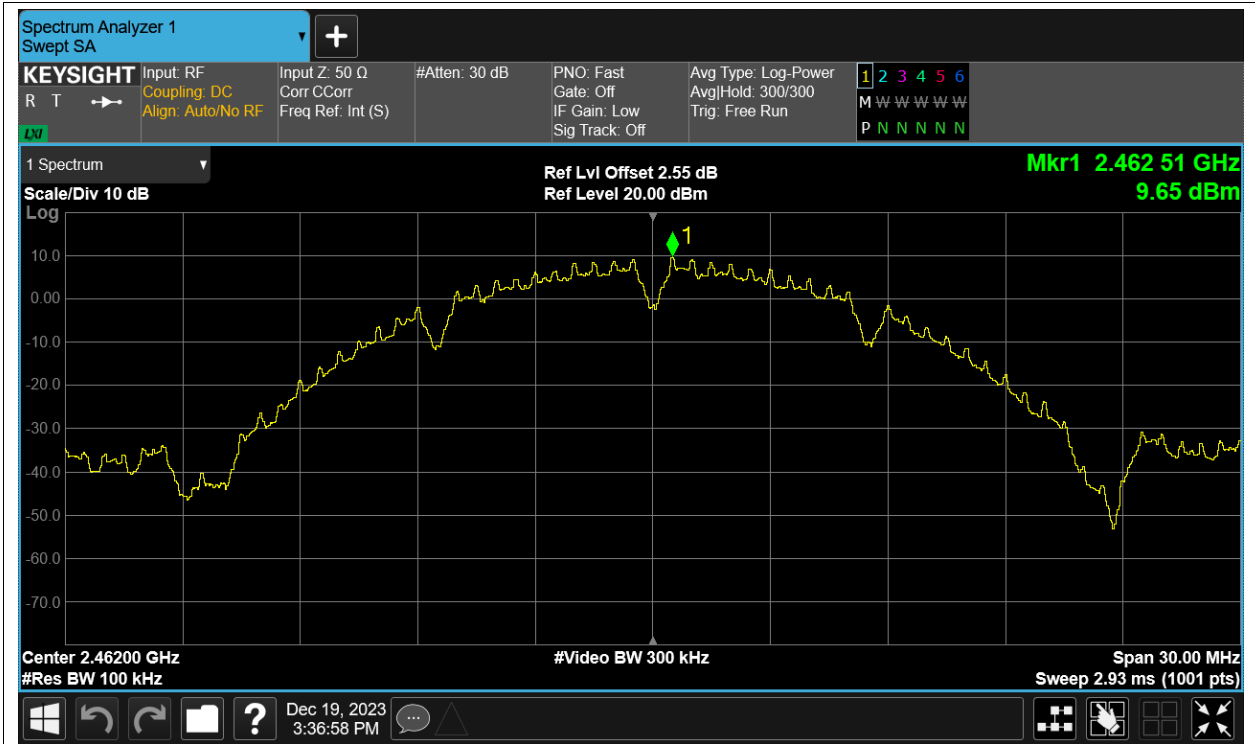
Band Edge NVNT b 2412MHz Ant8 Ref



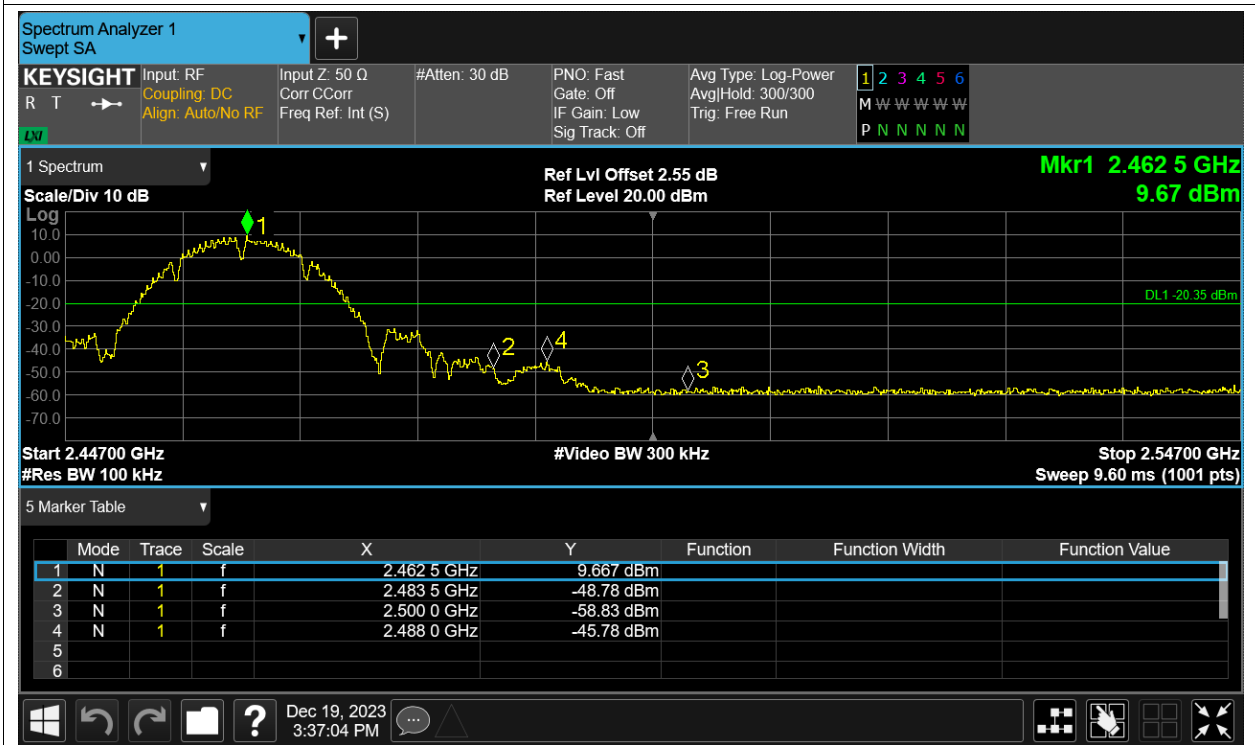
Band Edge NVNT b 2412MHz Ant8 Emission



Band Edge NVNT b 2462MHz Ant8 Ref

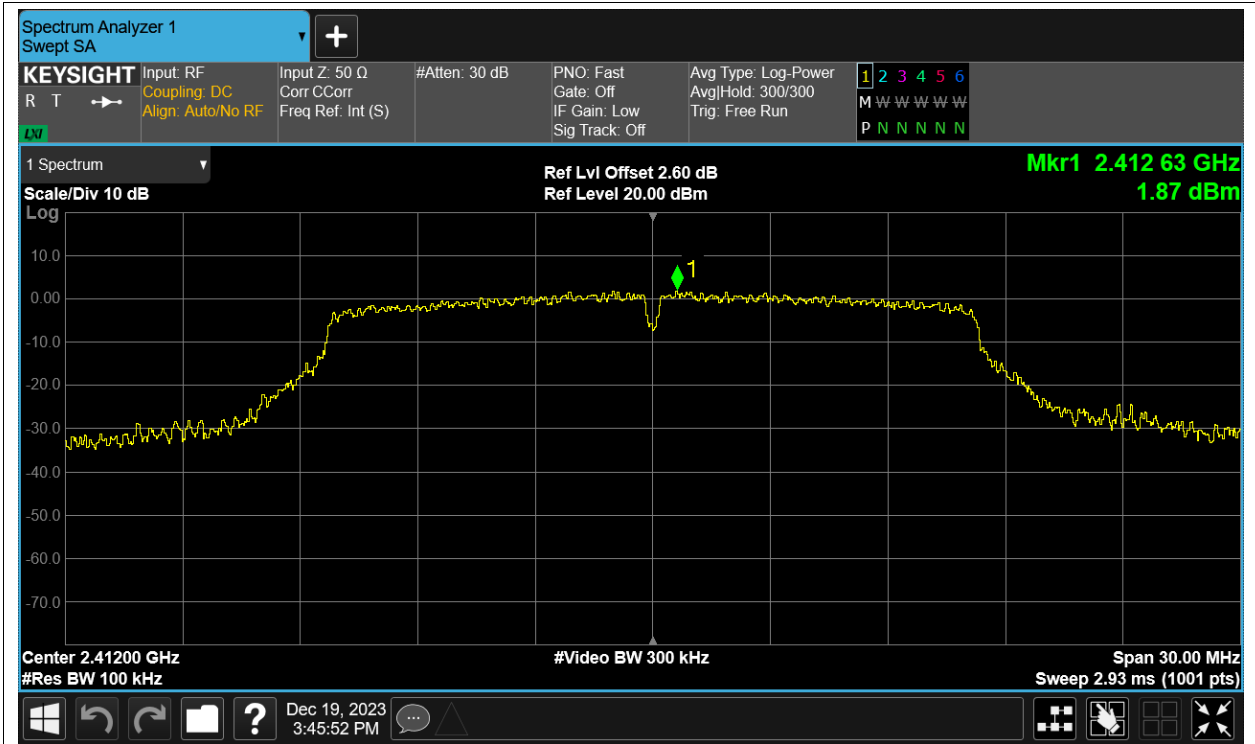


Band Edge NVNT b 2462MHz Ant8 Emission

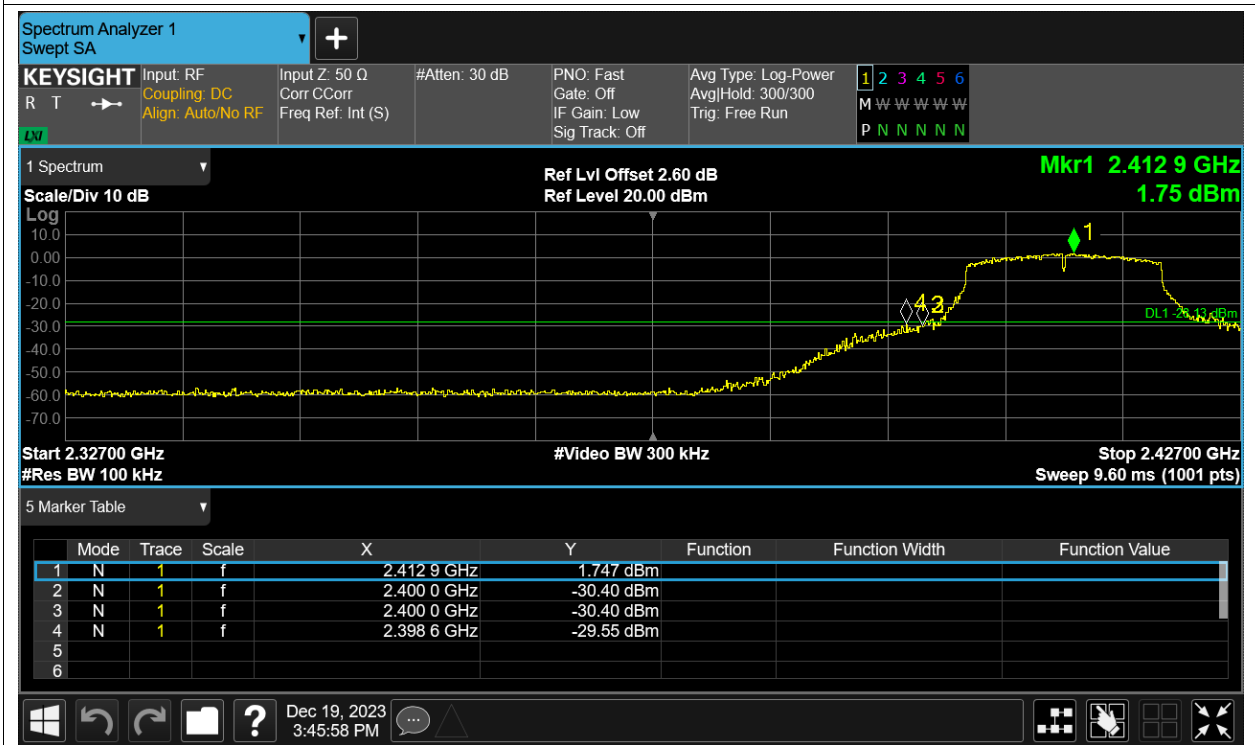


Band Edge NVNT g 2412MHz Ant8 Ref

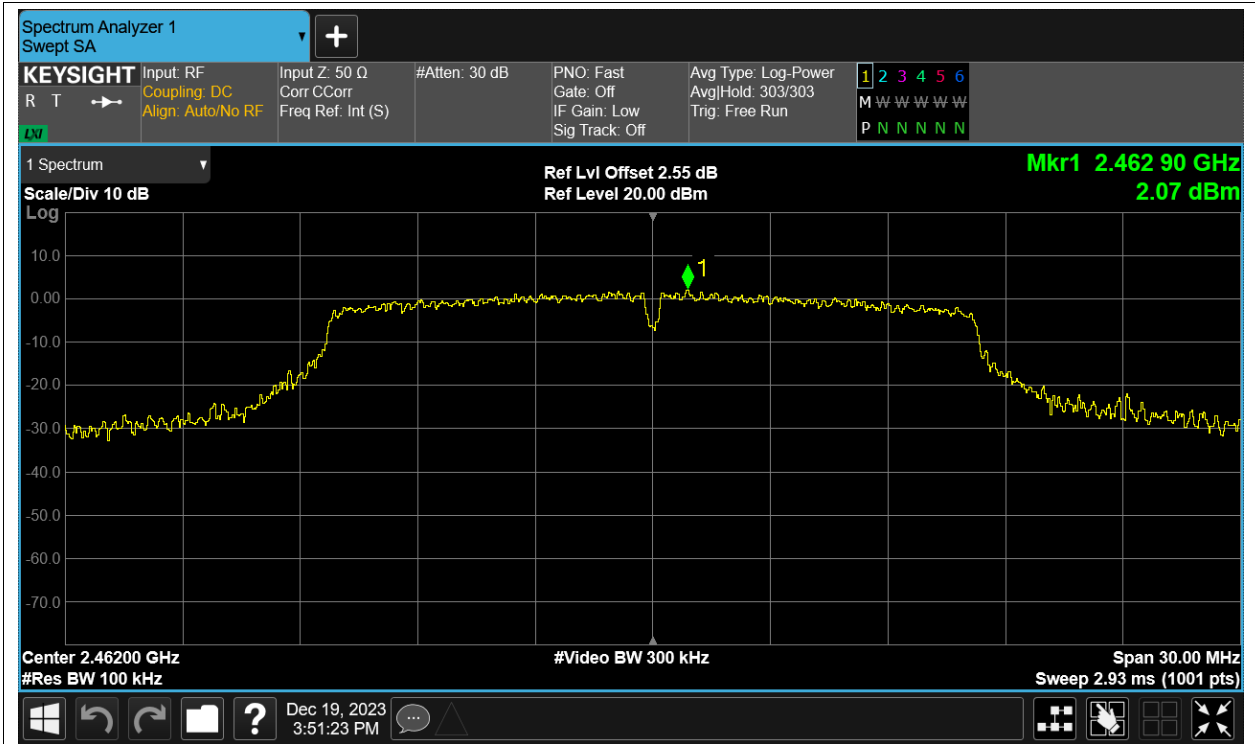




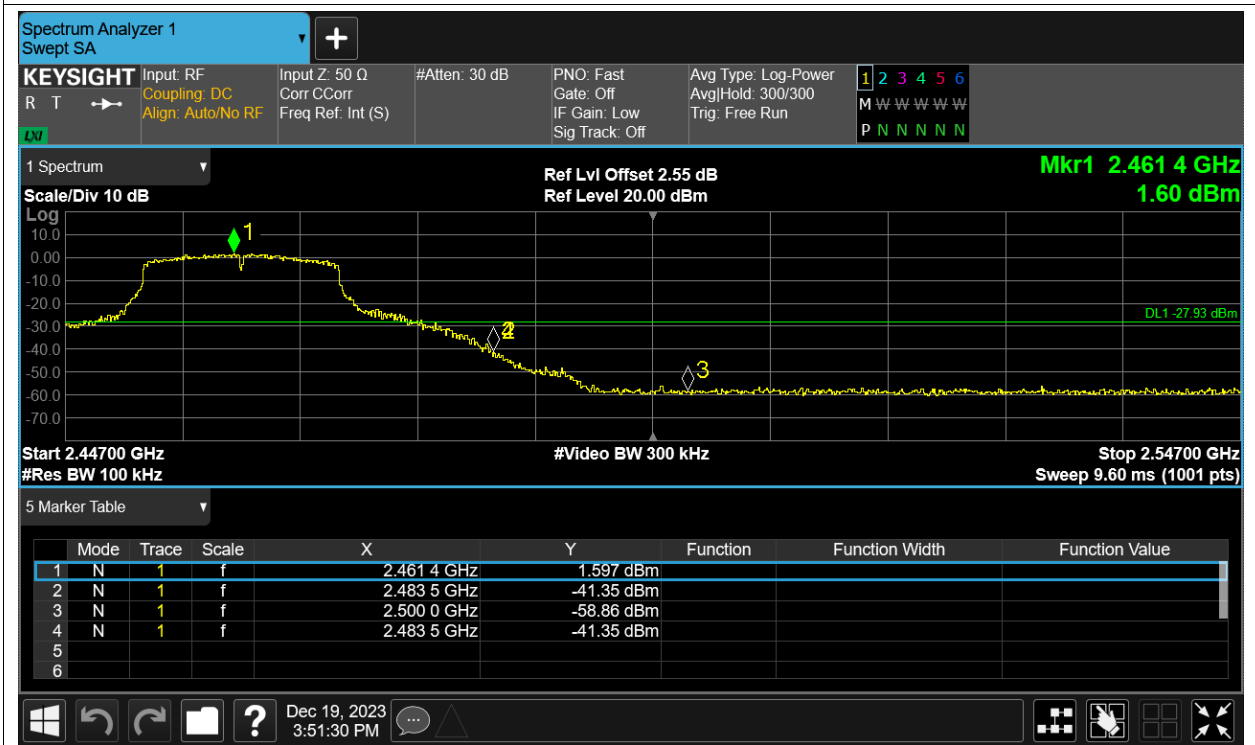
Band Edge NVNT g 2412MHz Ant8 Emission



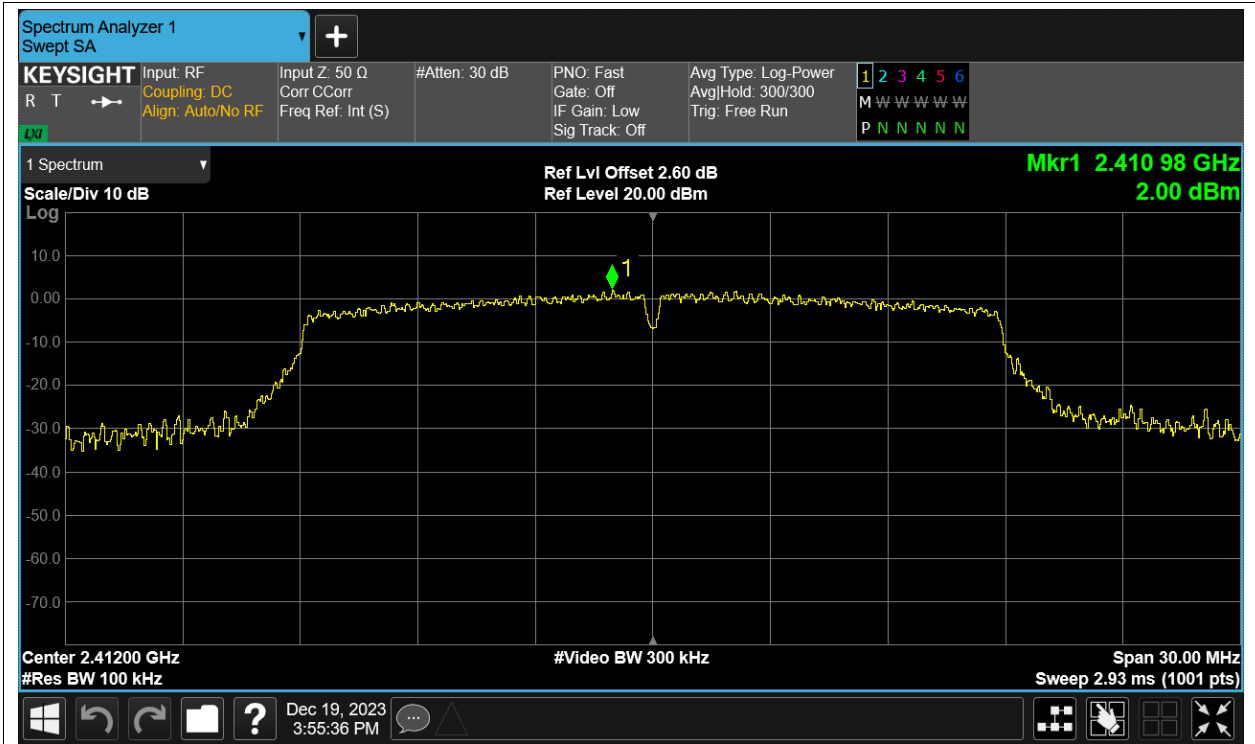
Band Edge NVNT g 2462MHz Ant8 Ref



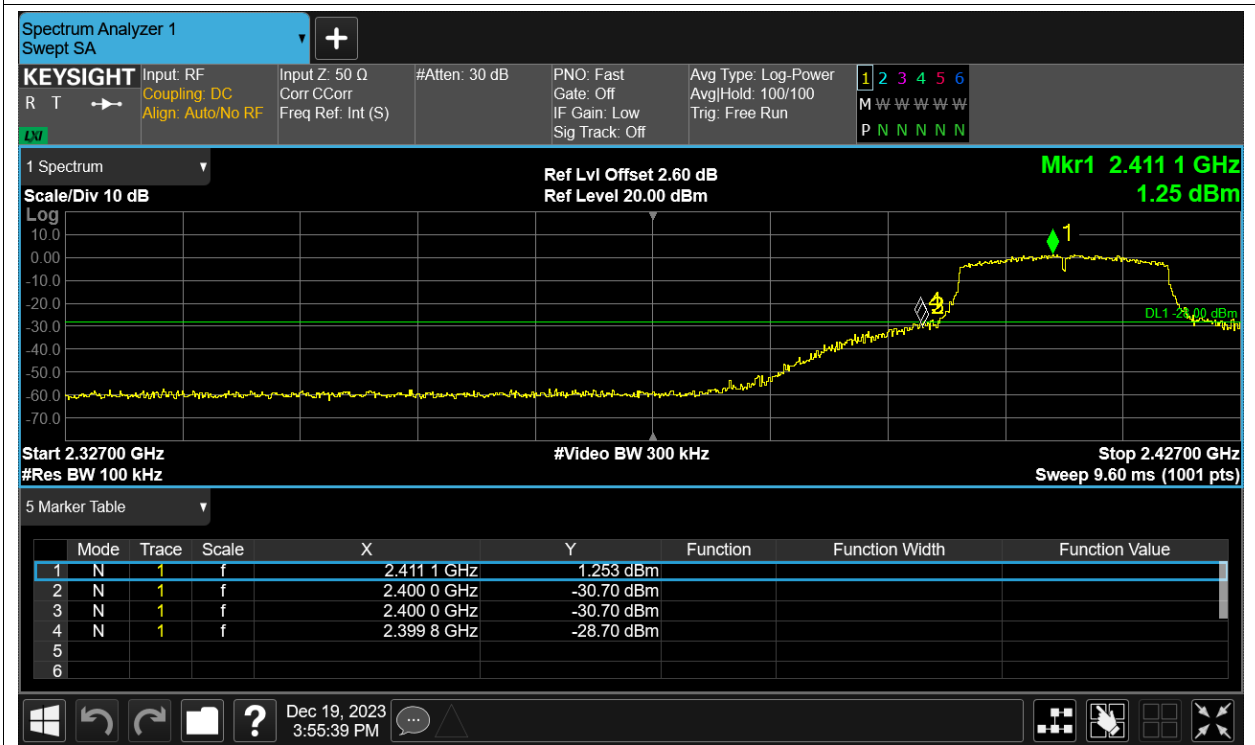
Band Edge NVNT g 2462MHz Ant8 Emission



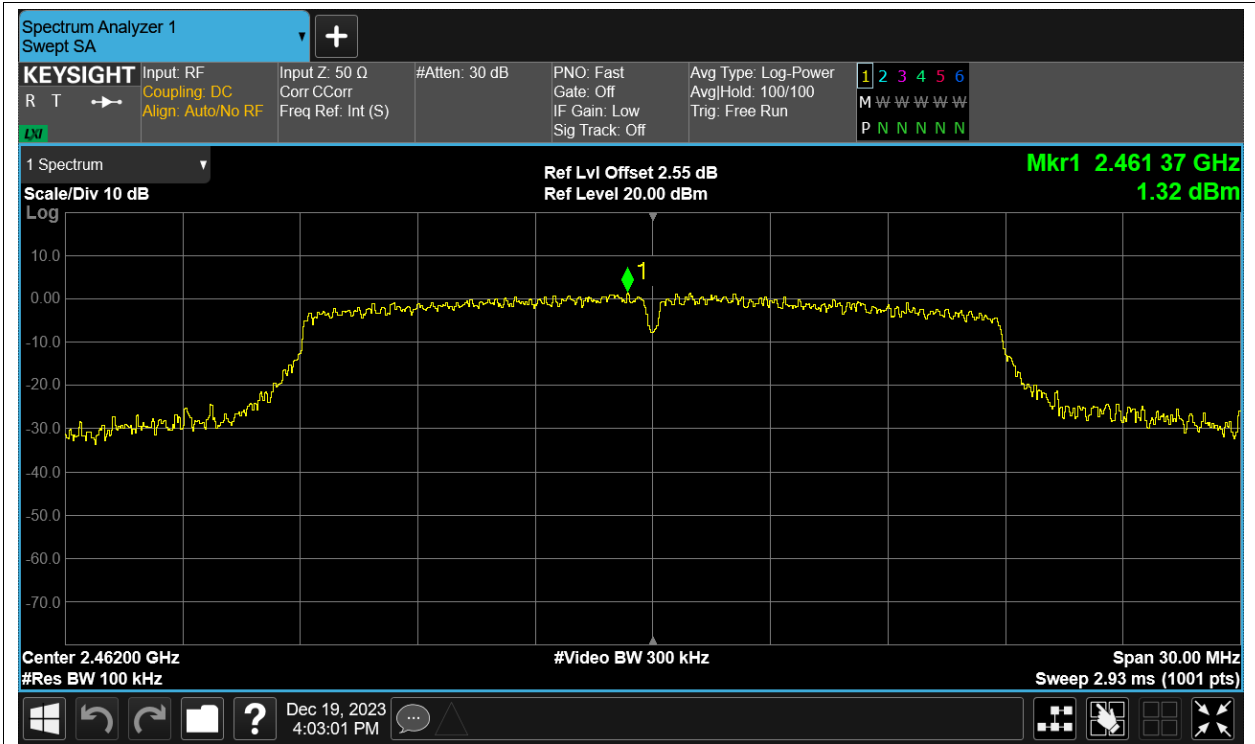
Band Edge NVNT n20 2412MHz Ant8 Ref



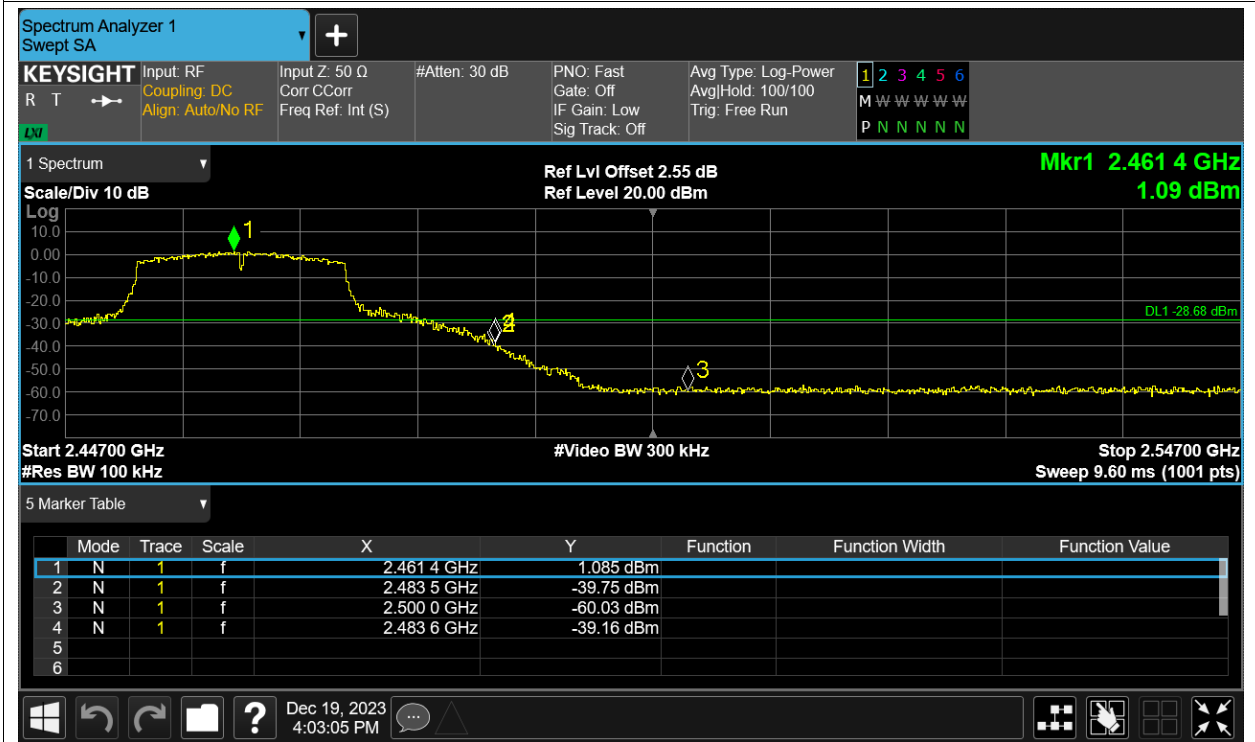
Band Edge NVNT n20 2412MHz Ant8 Emission



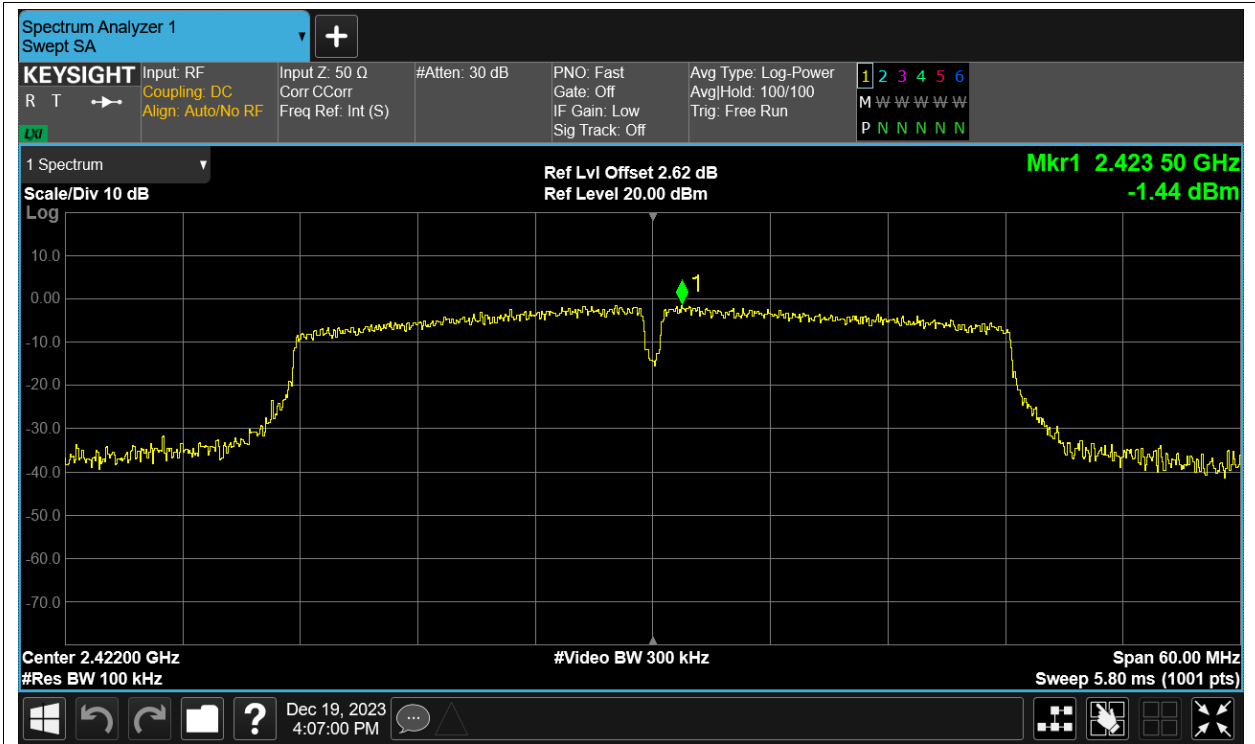
Band Edge NVNT n20 2462MHz Ant8 Ref



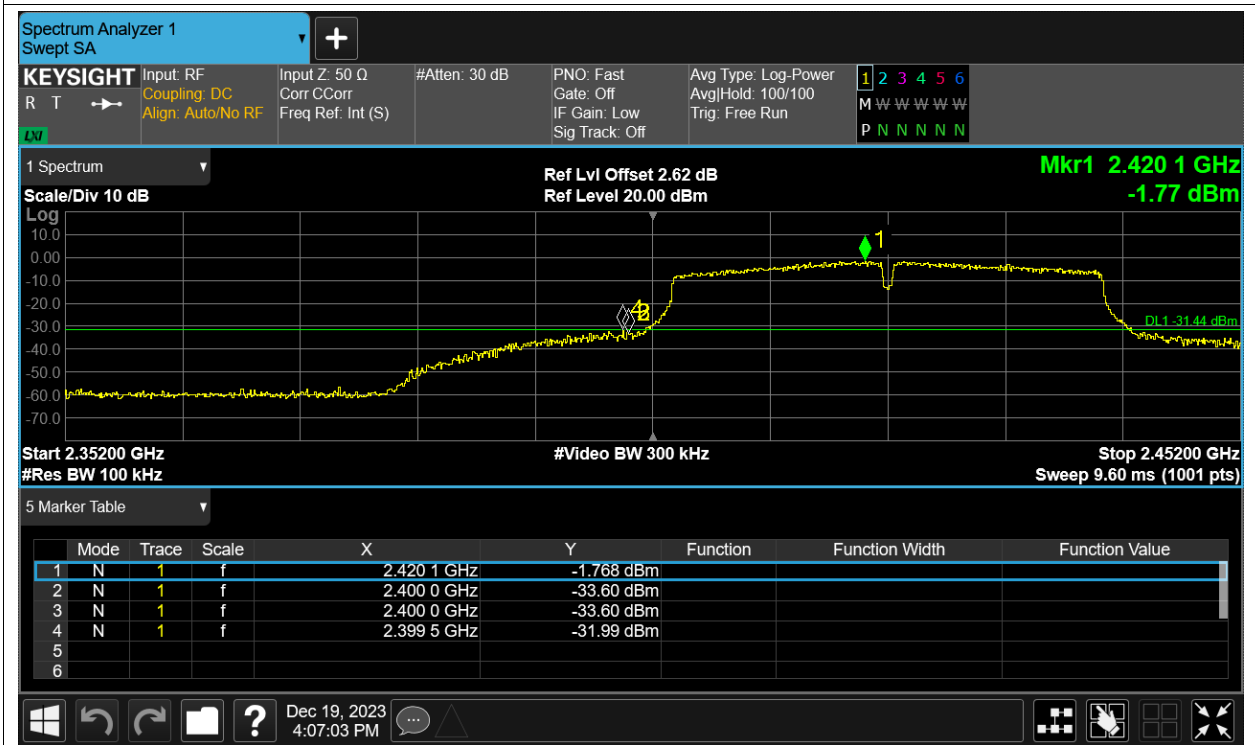
Band Edge NVNT n20 2462MHz Ant8 Emission



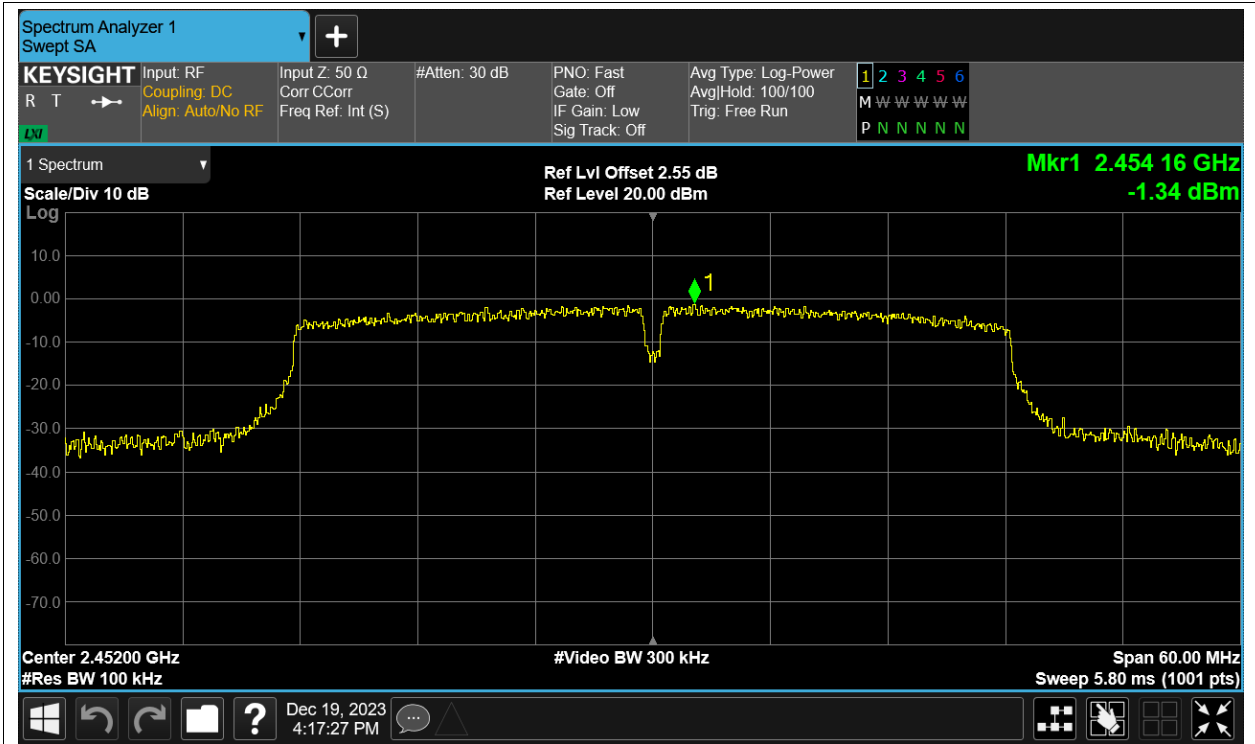
Band Edge NVNT n40 2422MHz Ant8 Ref



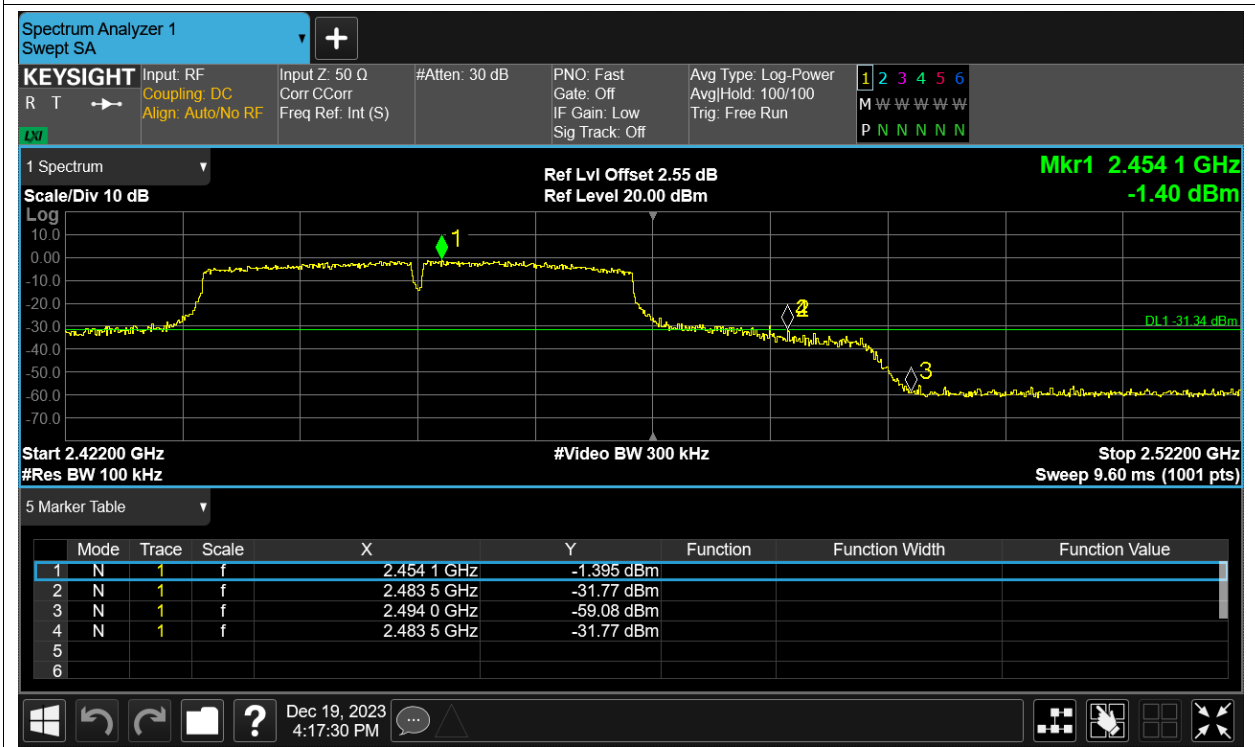
Band Edge NVNT n40 2422MHz Ant8 Emission



Band Edge NVNT n40 2452MHz Ant8 Ref



Band Edge NVNT n40 2452MHz Ant8 Emission

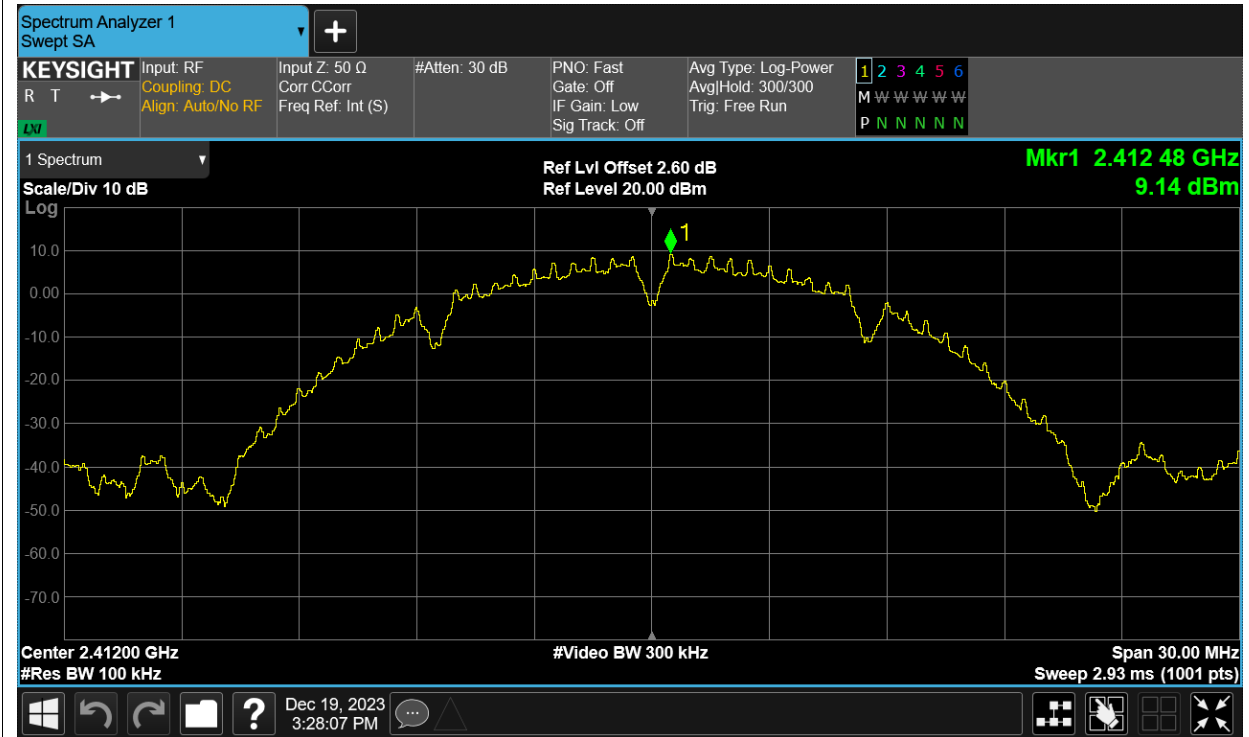


## Conducted RF Spurious Emission

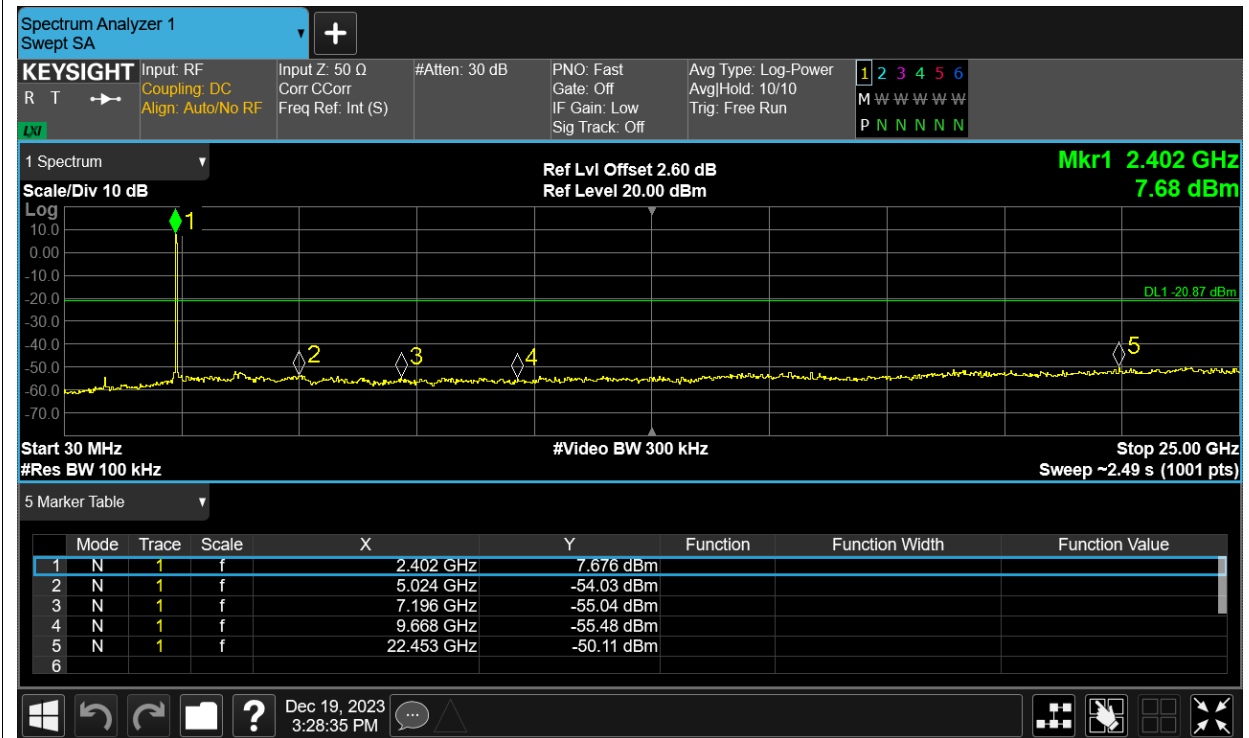
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant8	-59.25	-30	Pass
NVNT	b	2437	Ant8	-59.74	-30	Pass
NVNT	b	2462	Ant8	-59.02	-30	Pass
NVNT	g	2412	Ant8	-51.68	-30	Pass
NVNT	g	2437	Ant8	-51.32	-30	Pass
NVNT	g	2462	Ant8	-51.21	-30	Pass
NVNT	n20	2412	Ant8	-51.31	-30	Pass
NVNT	n20	2437	Ant8	-50.31	-30	Pass
NVNT	n20	2462	Ant8	-50.75	-30	Pass
NVNT	n40	2422	Ant8	-48.57	-30	Pass
NVNT	n40	2437	Ant8	-46.82	-30	Pass
NVNT	n40	2452	Ant8	-37.8	-30	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant8 Ref

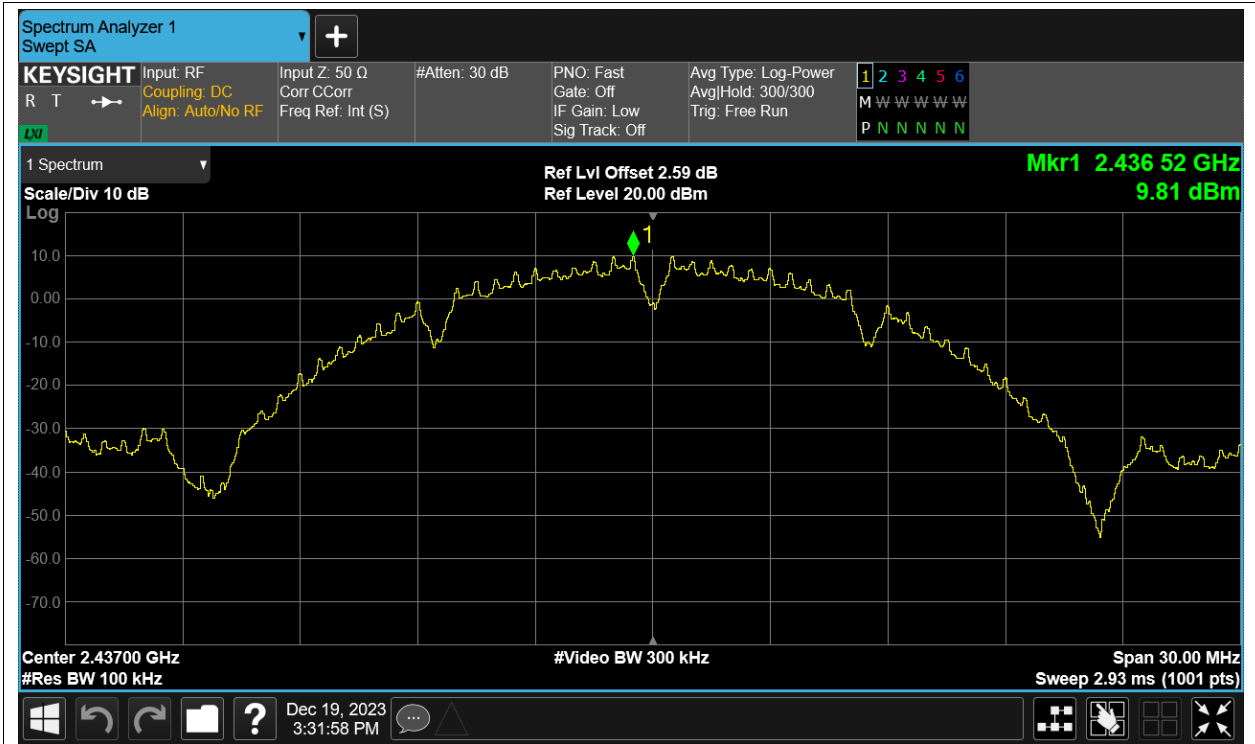


Tx. Spurious NVNT b 2412MHz Ant8 Emission

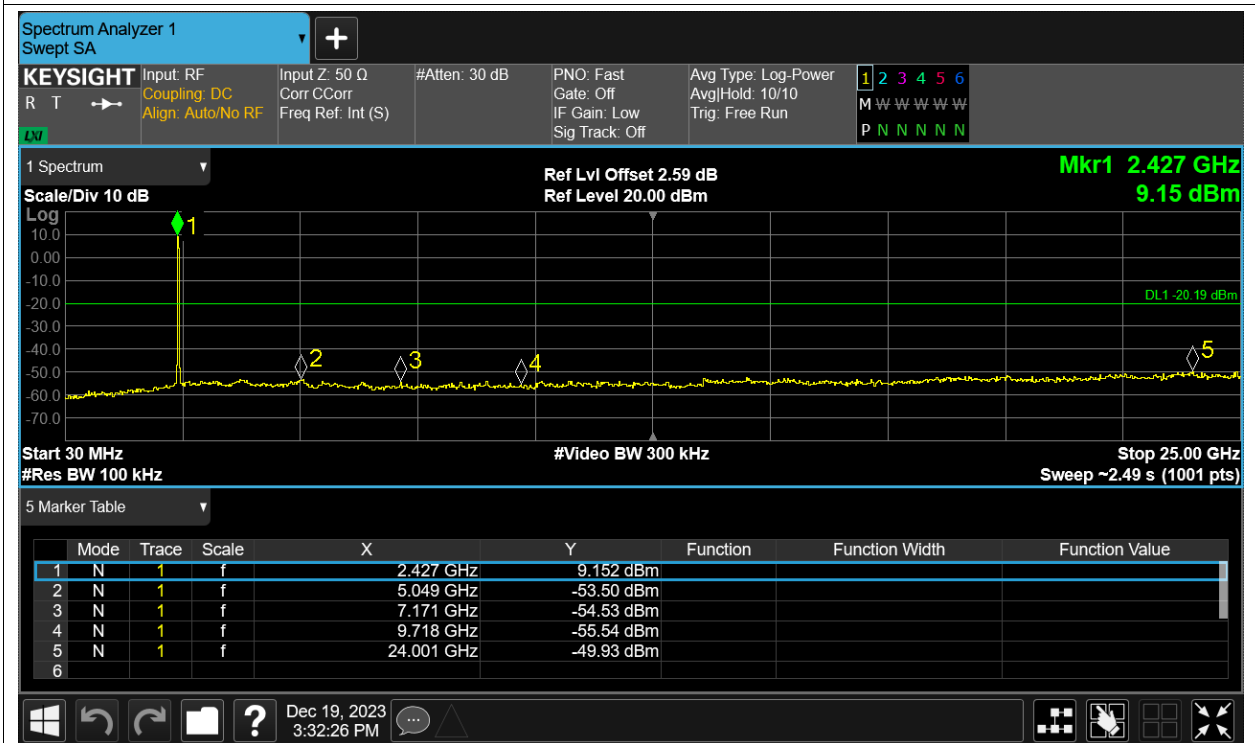


Tx. Spurious NVNT b 2437MHz Ant8 Ref

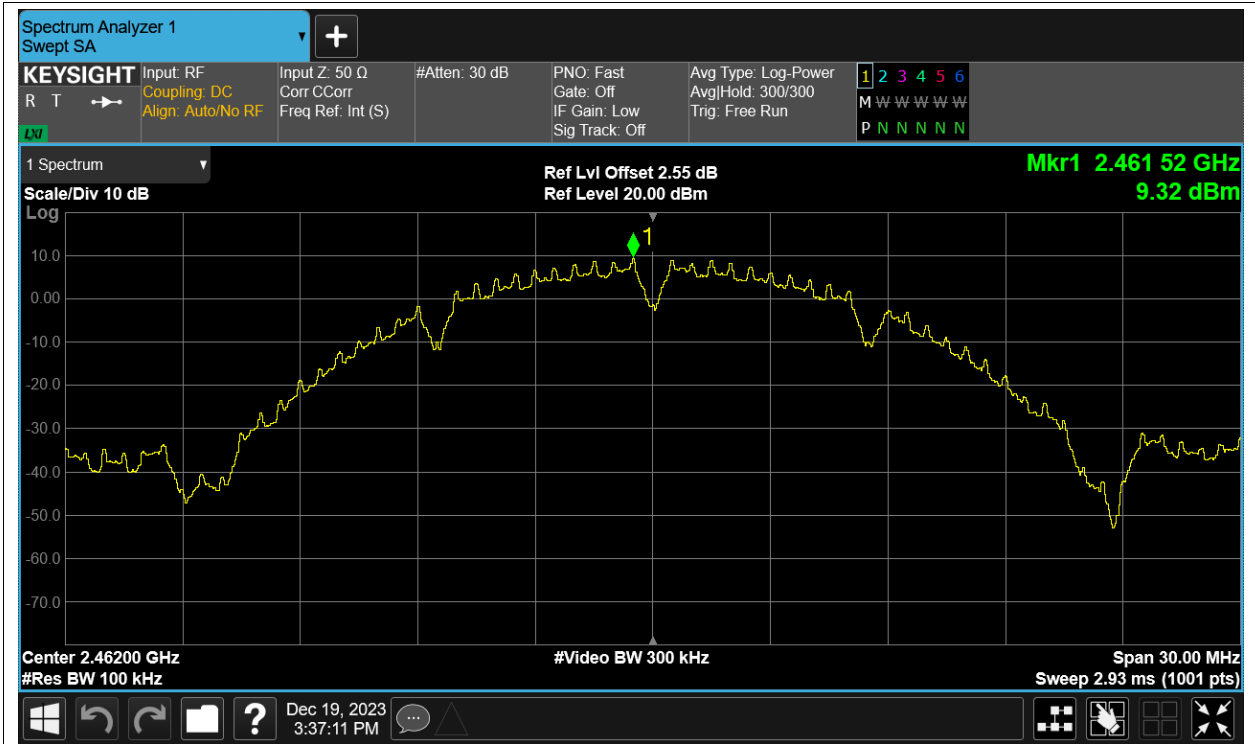




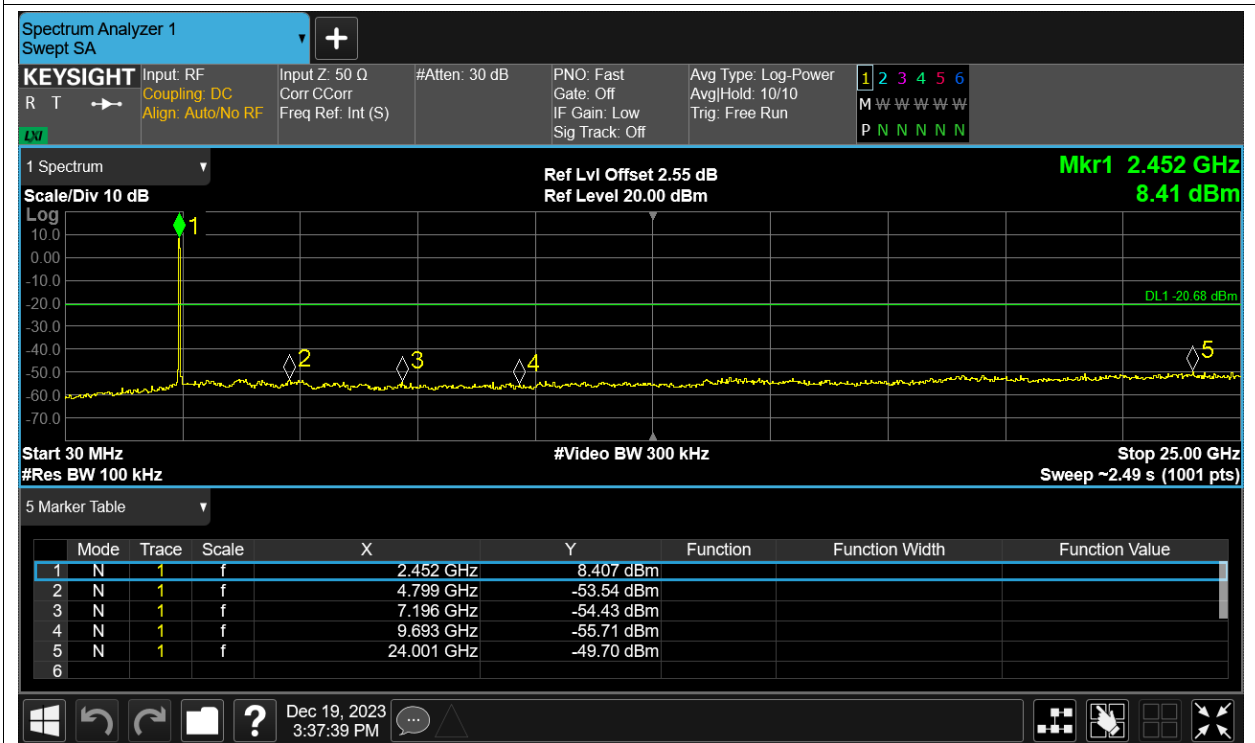
Tx. Spurious NVNT b 2437MHz Ant8 Emission



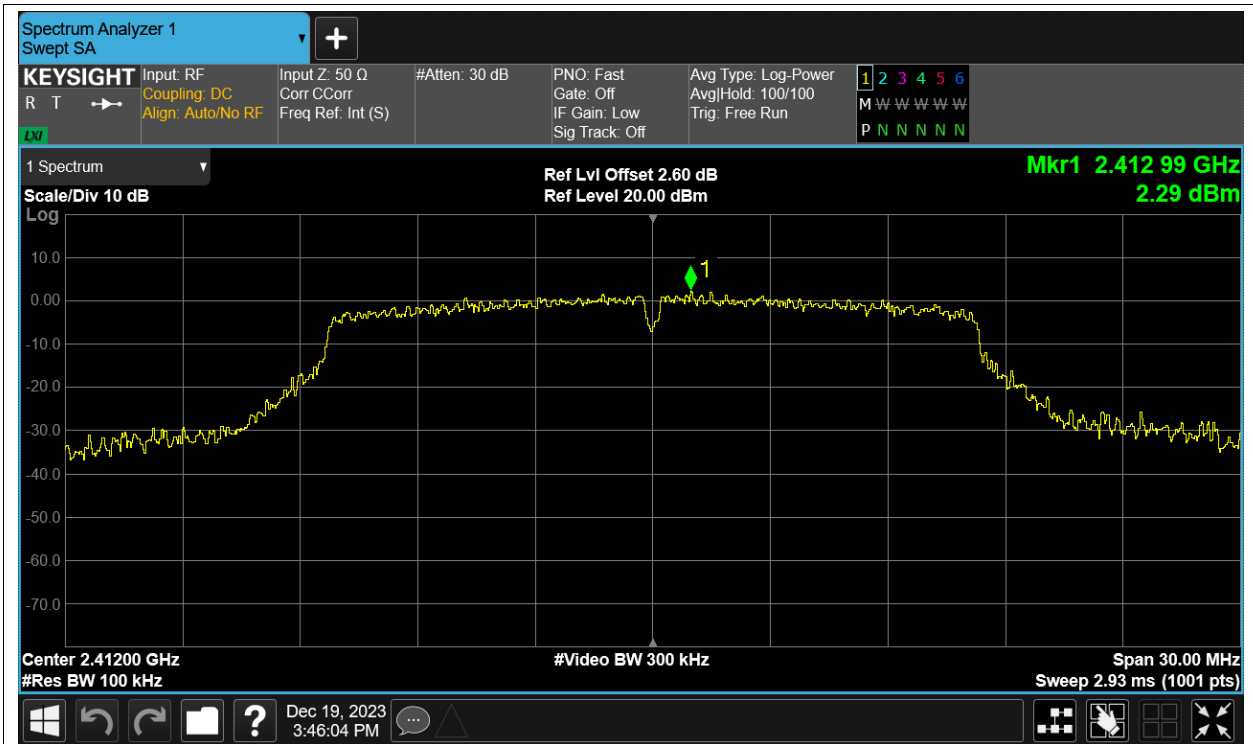
Tx. Spurious NVNT b 2462MHz Ant8 Ref



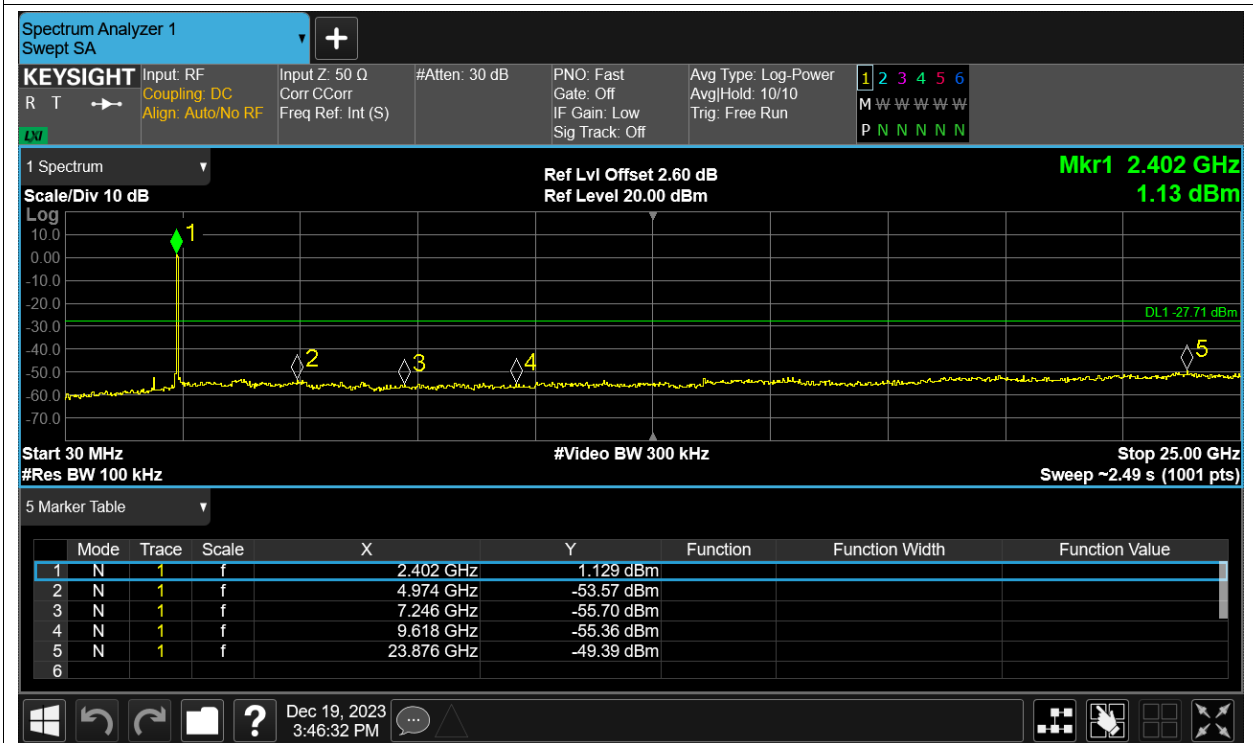
Tx. Spurious NVNT b 2462MHz Ant8 Emission



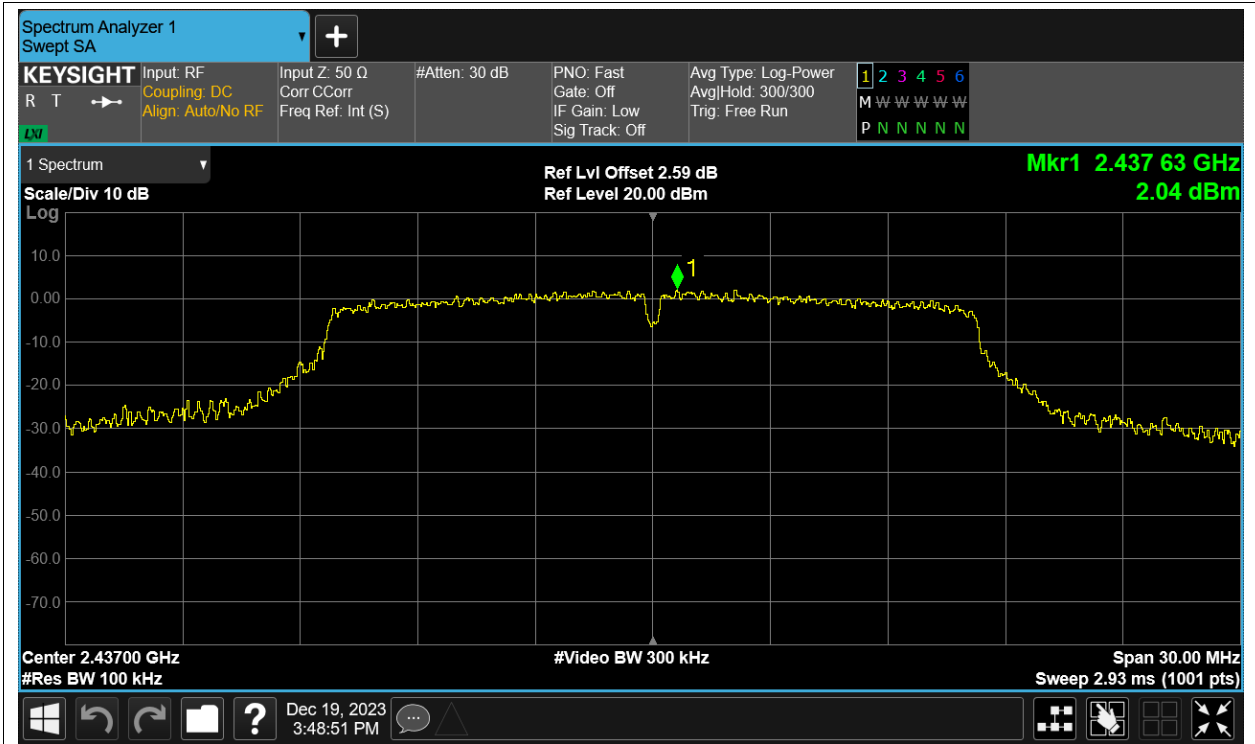
Tx. Spurious NVNT g 2412MHz Ant8 Ref



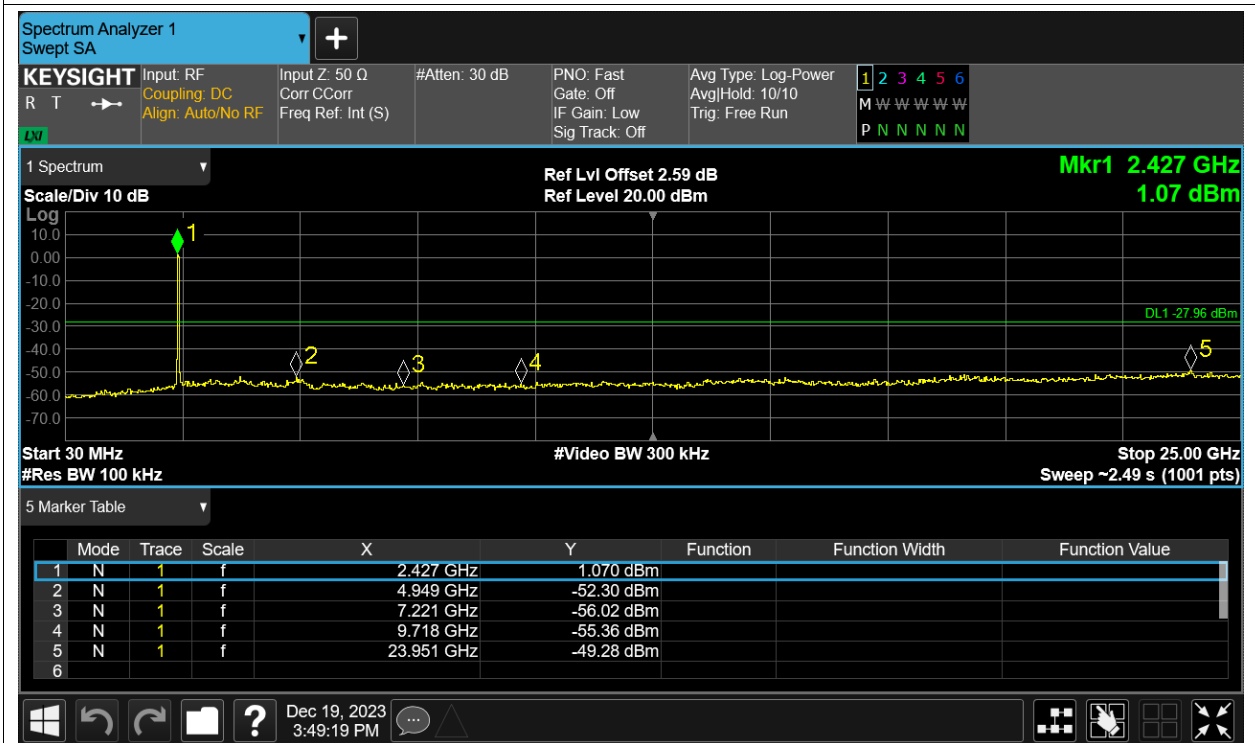
Tx. Spurious NVNT g 2412MHz Ant8 Emission



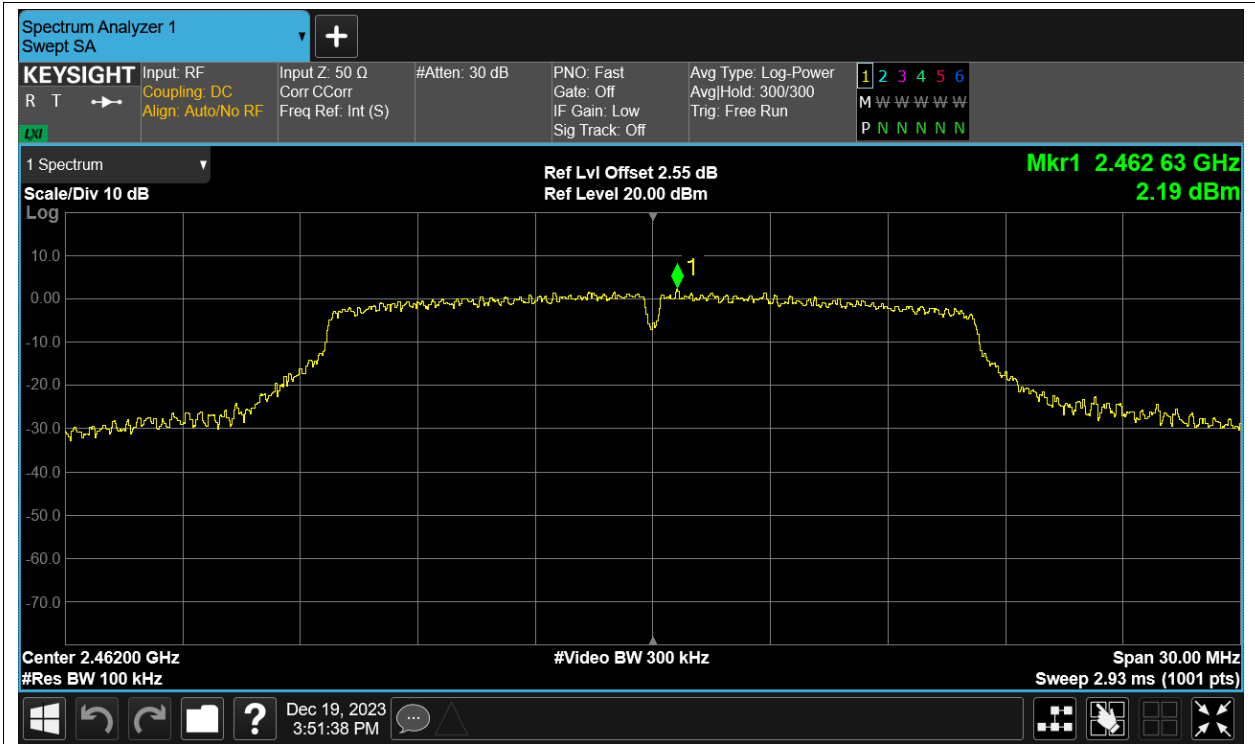
Tx. Spurious NVNT g 2437MHz Ant8 Ref



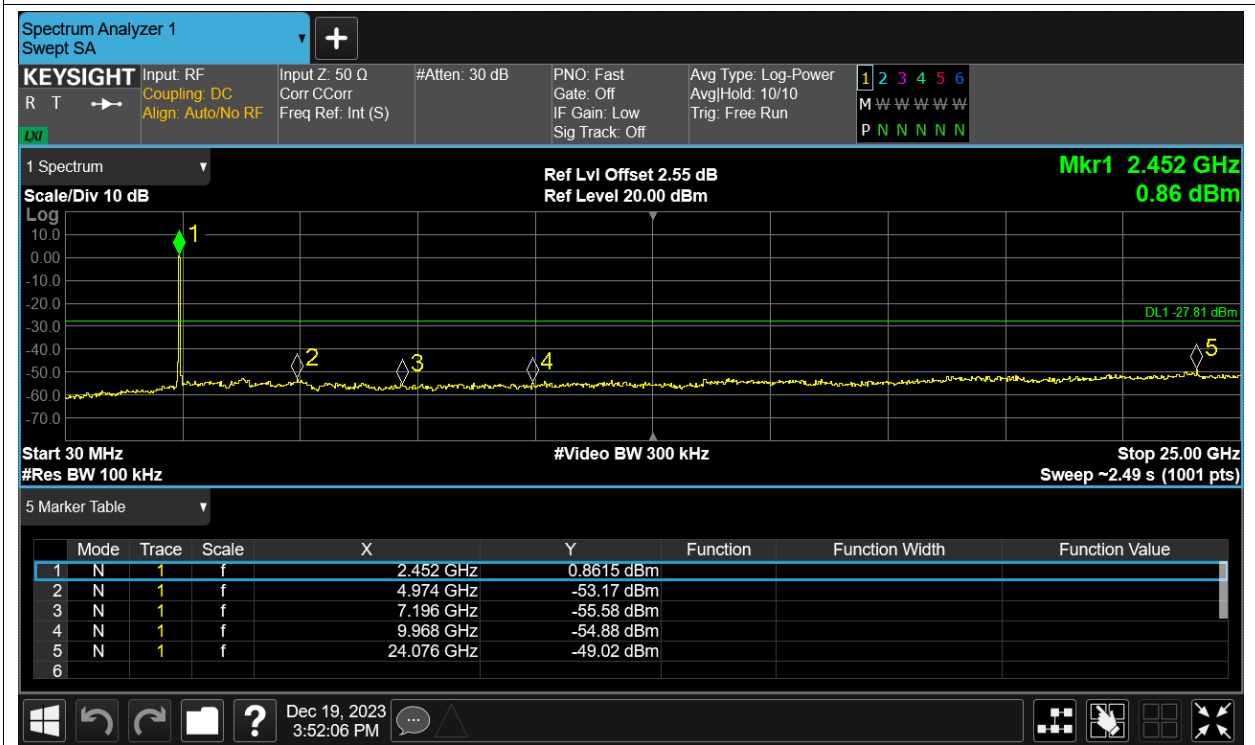
Tx. Spurious NVNT g 2437MHz Ant8 Emission



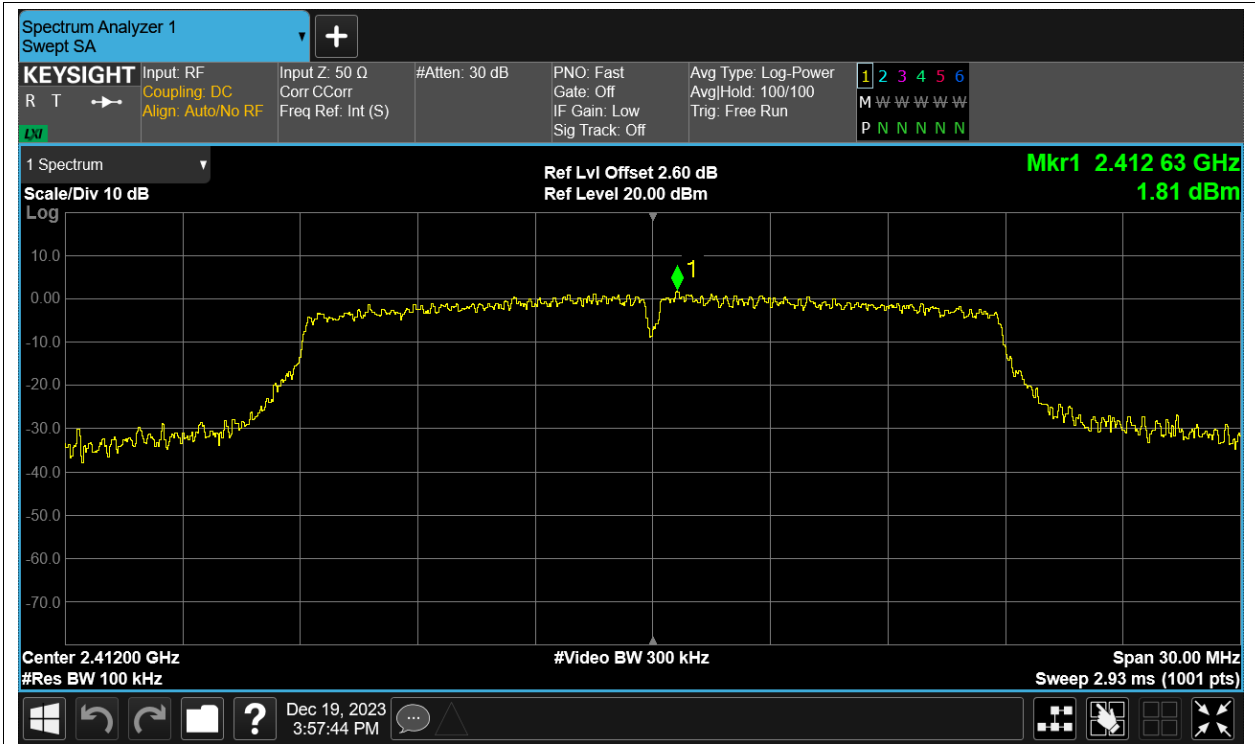
Tx. Spurious NVNT g 2462MHz Ant8 Ref



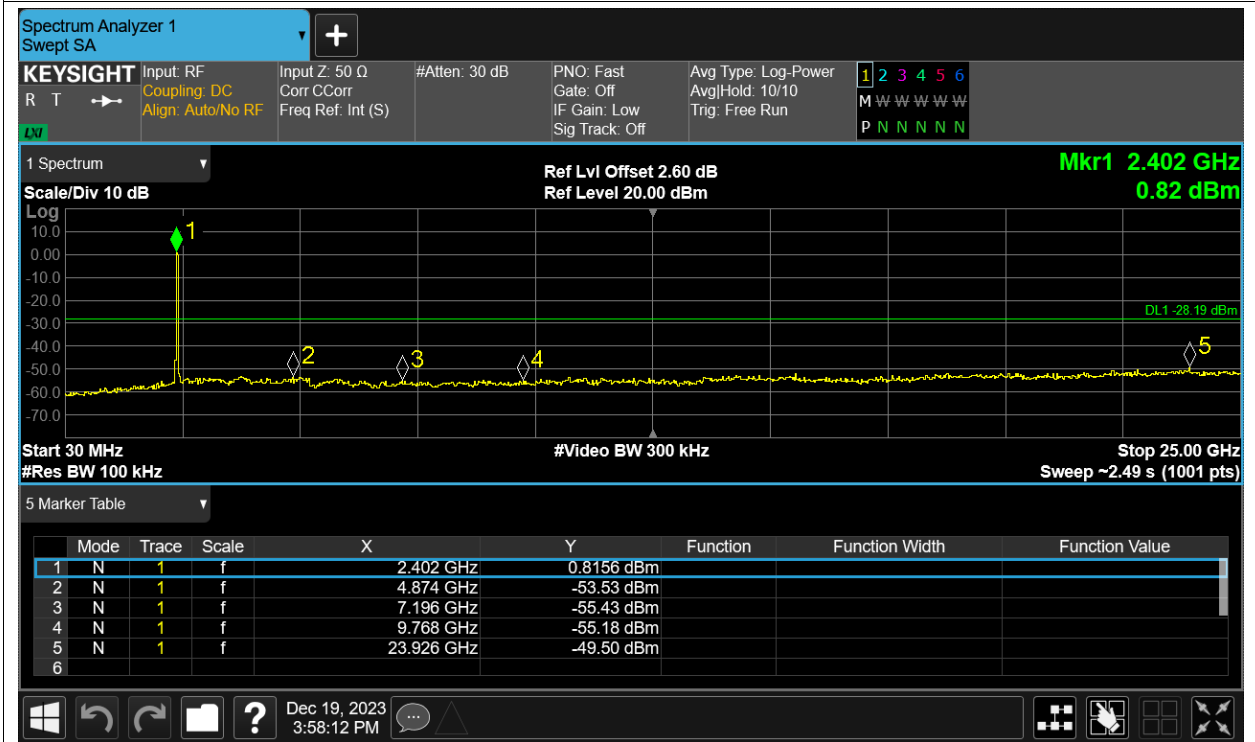
Tx. Spurious NVNT g 2462MHz Ant8 Emission



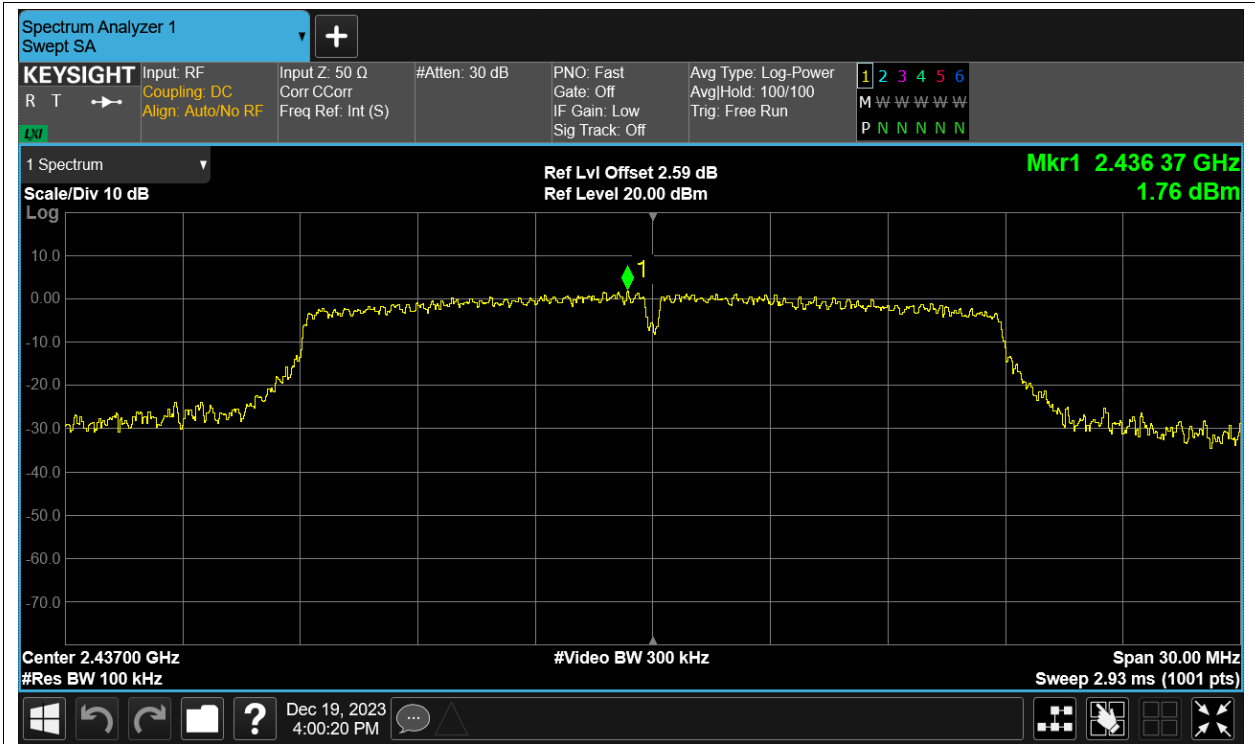
Tx. Spurious NVNT n20 2412MHz Ant8 Ref



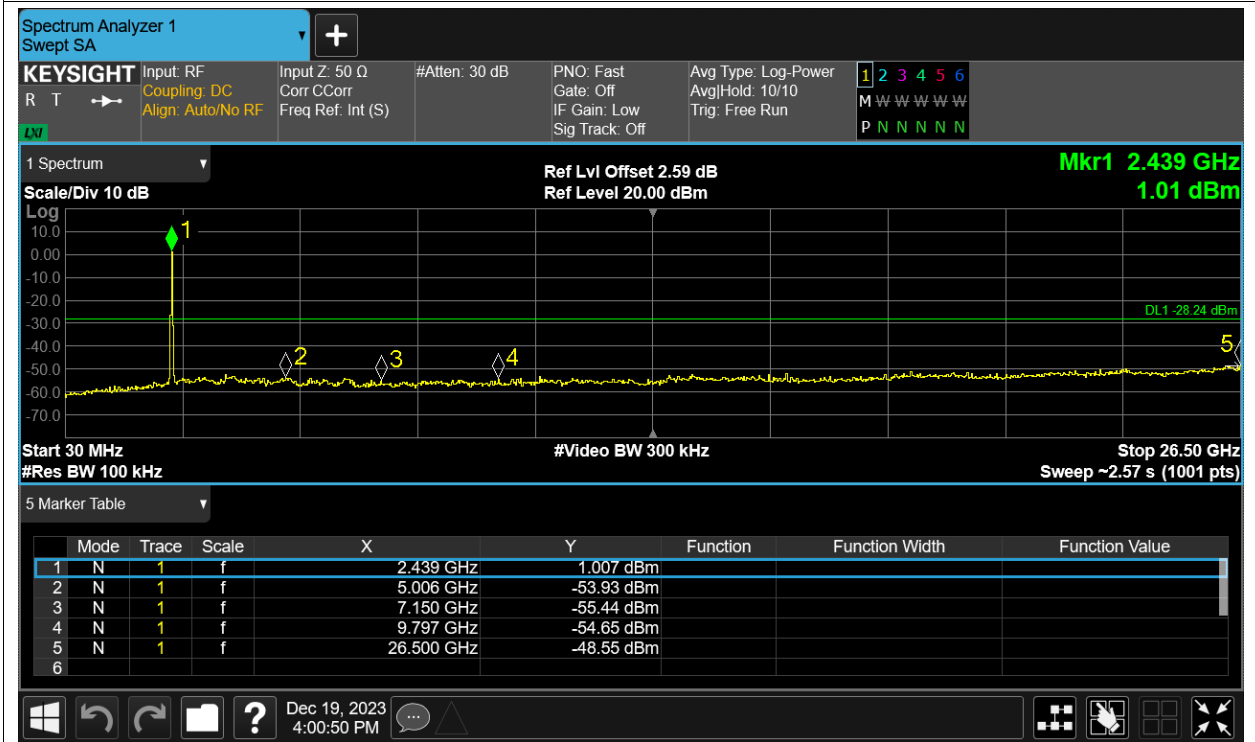
Tx. Spurious NVNT n20 2412MHz Ant8 Emission



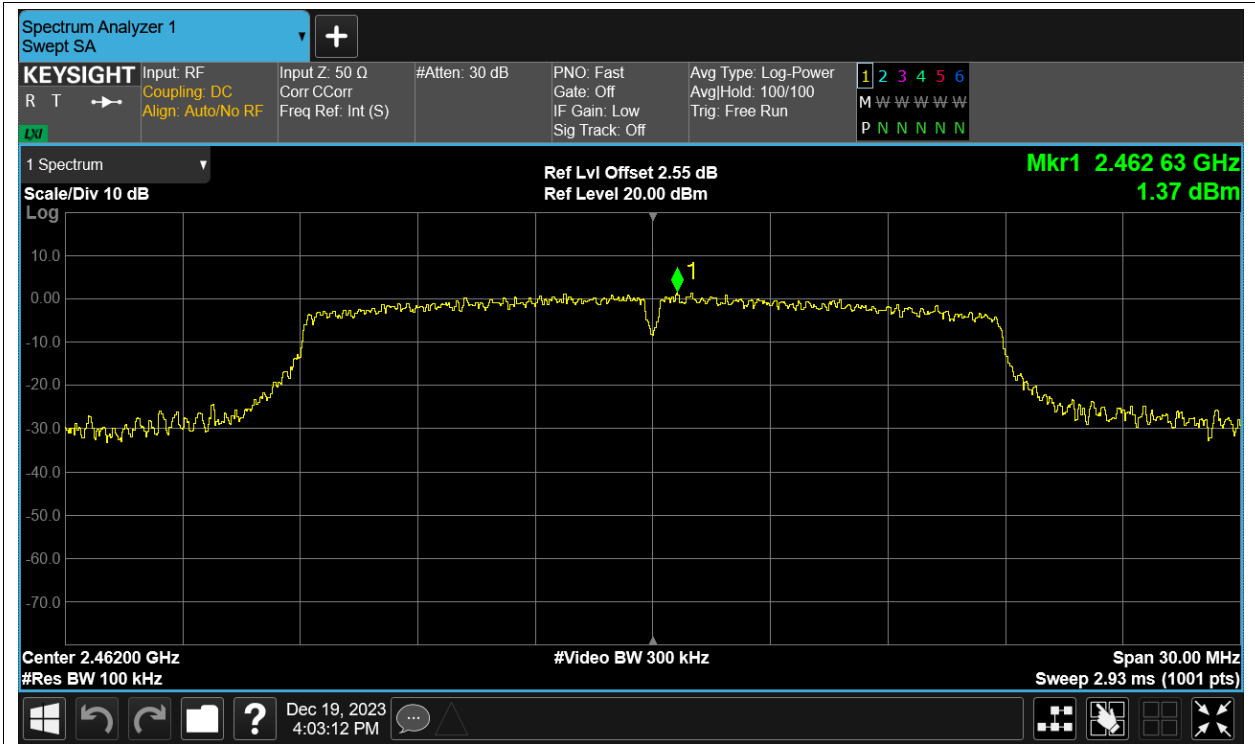
Tx. Spurious NVNT n20 2437MHz Ant8 Ref



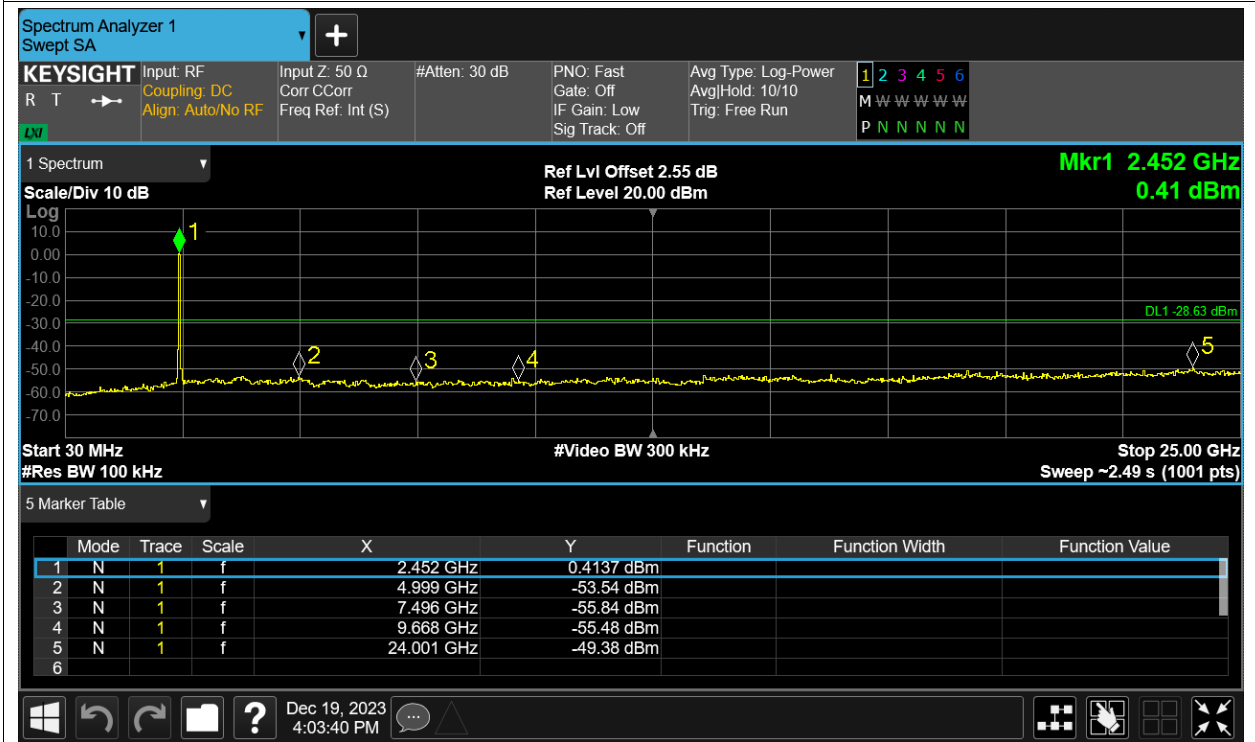
Tx. Spurious NVNT n20 2437MHz Ant8 Emission



Tx. Spurious NVNT n20 2462MHz Ant8 Ref

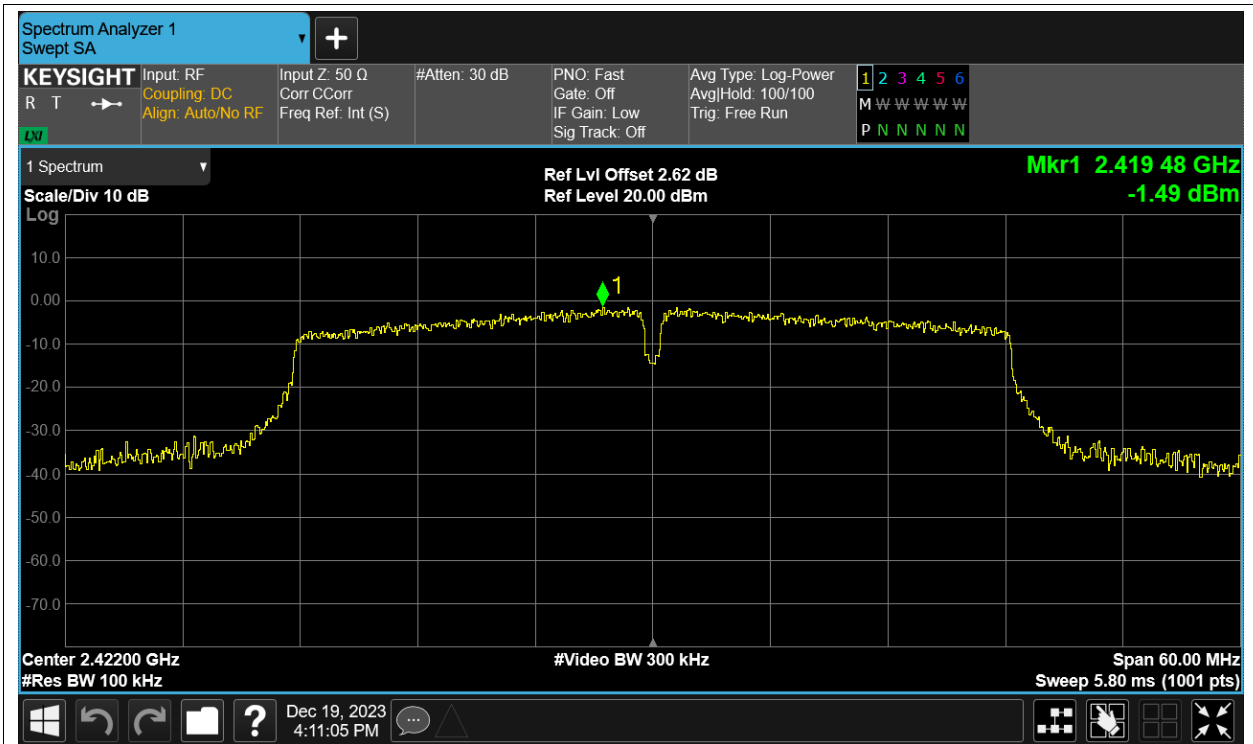


Tx. Spurious NVNT n20 2462MHz Ant8 Emission

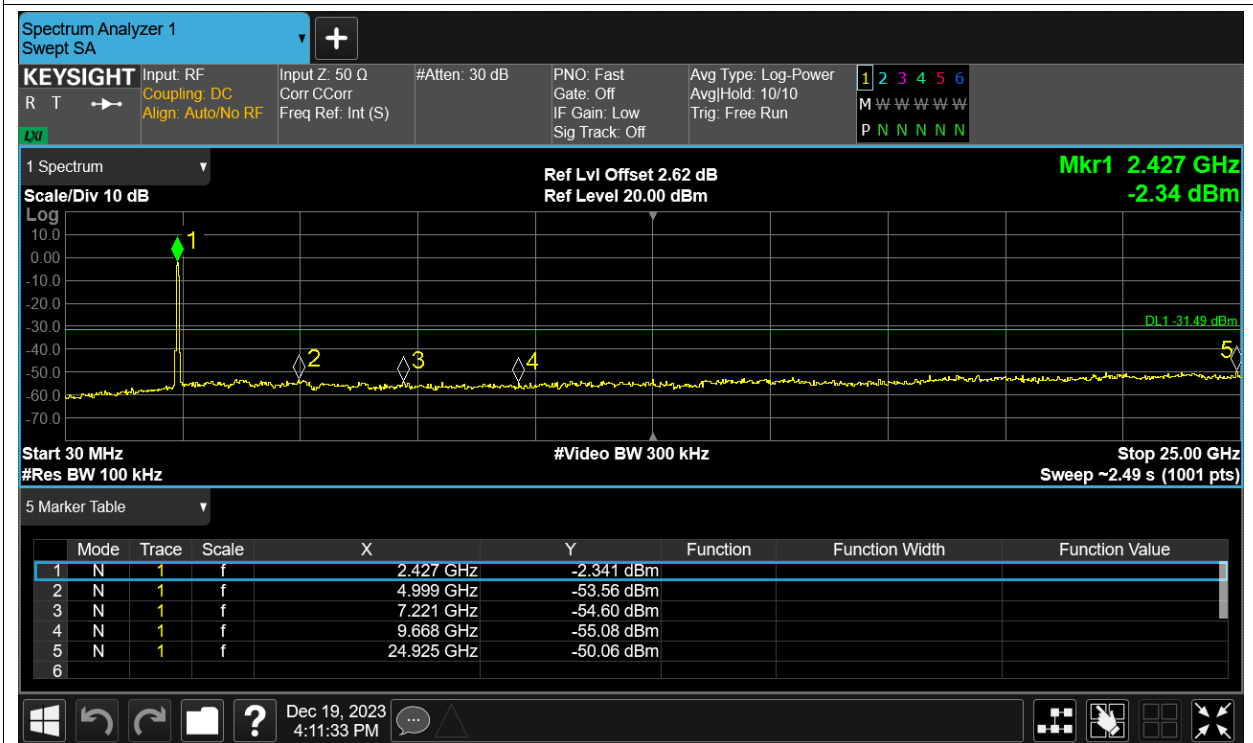


Tx. Spurious NVNT n40 2422MHz Ant8 Ref

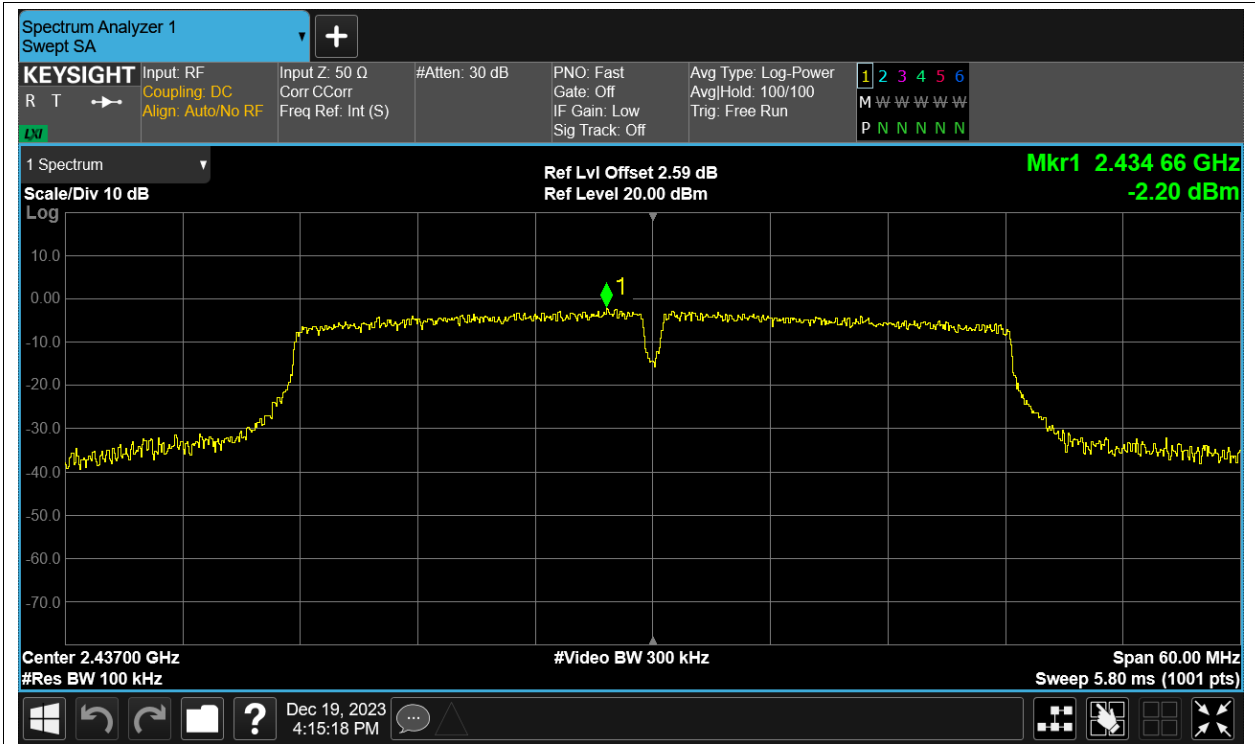




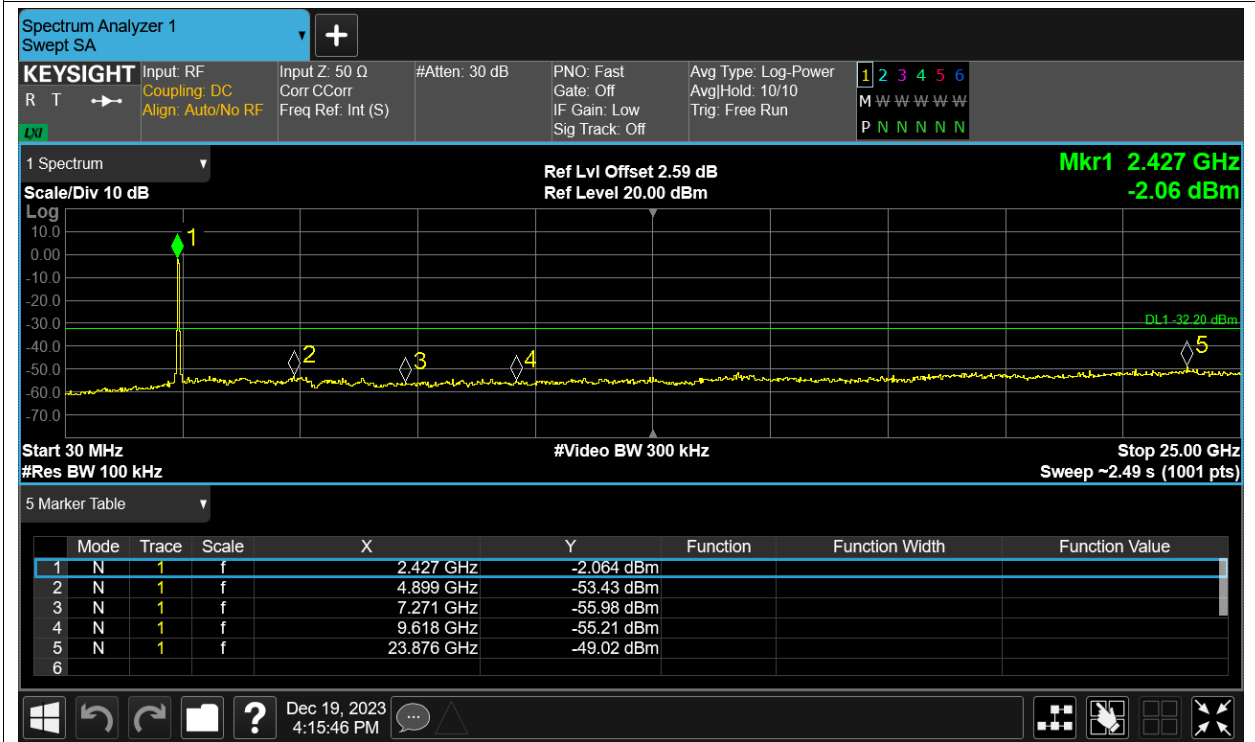
Tx. Spurious NVNT n40 2422MHz Ant8 Emission



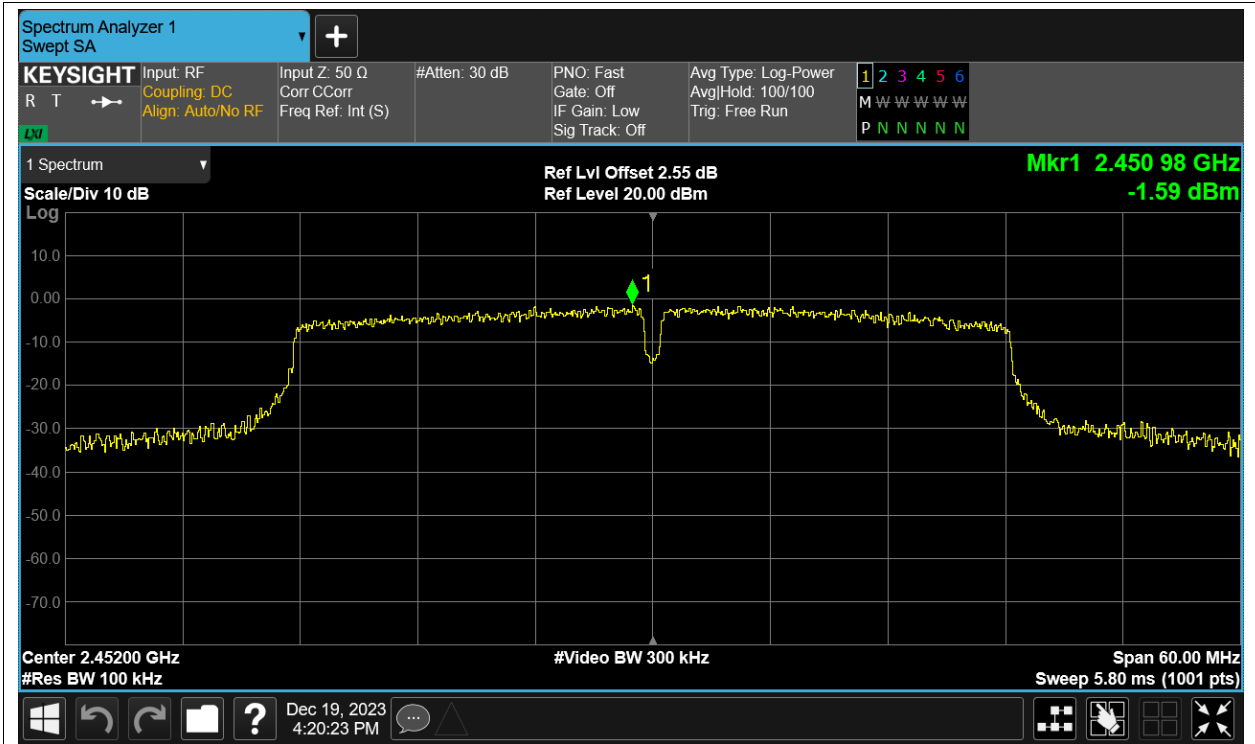
Tx. Spurious NVNT n40 2437MHz Ant8 Ref



Tx. Spurious NVNT n40 2437MHz Ant8 Emission



Tx. Spurious NVNT n40 2452MHz Ant8 Ref



Tx. Spurious NVNT n40 2452MHz Ant8 Emission

