

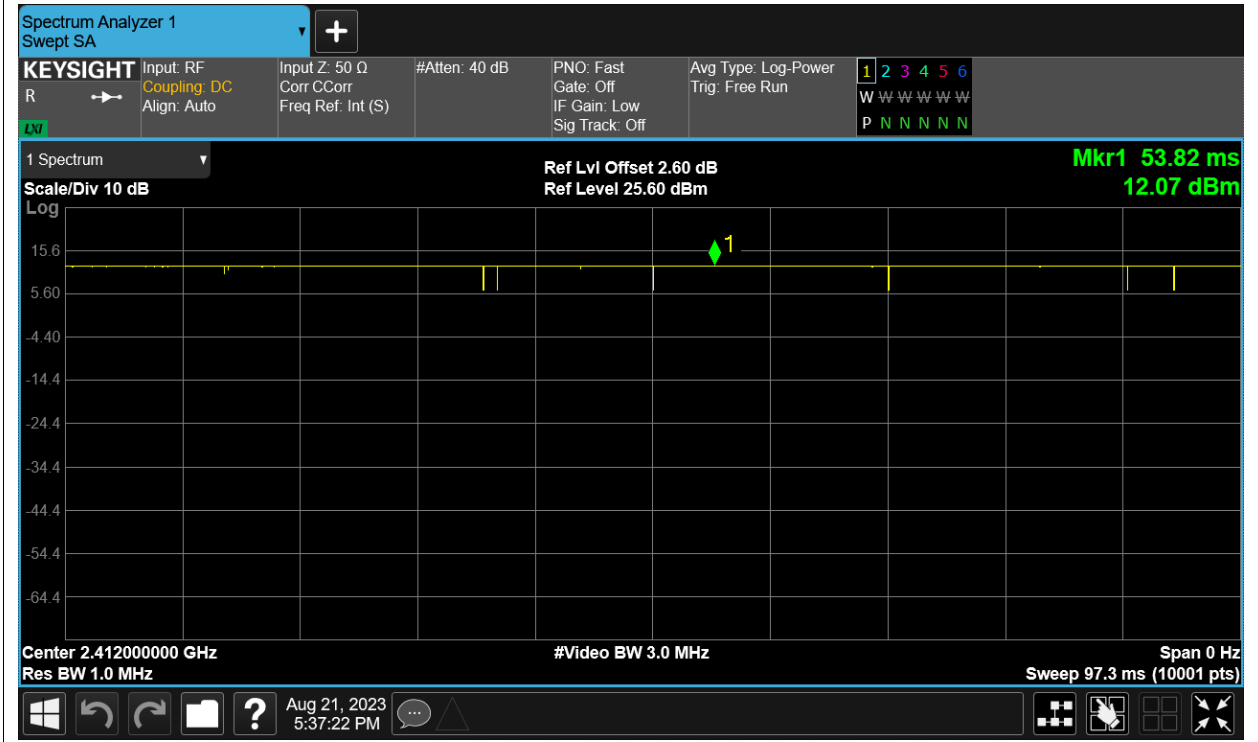
## Test Data

### Duty Cycle

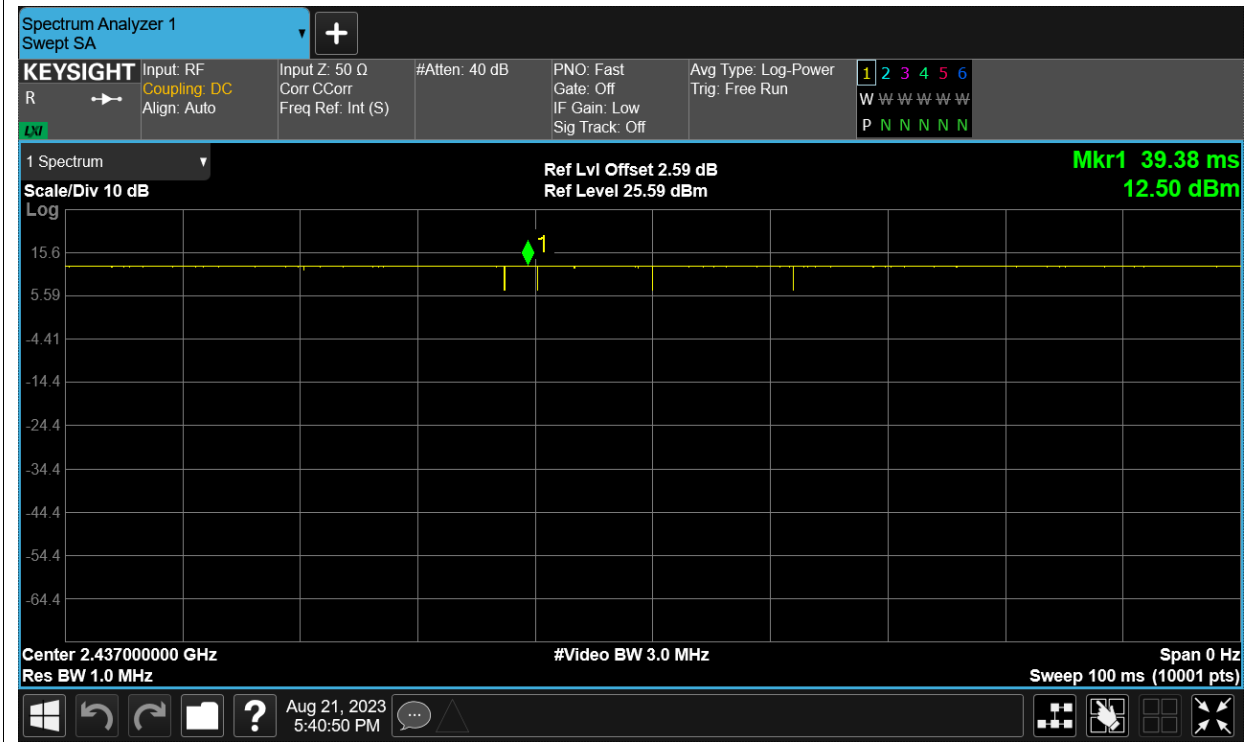
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant12	100	0
NVNT	b	2437	Ant12	100	0
NVNT	b	2462	Ant12	100	0
NVNT	g	2412	Ant12	100	0
NVNT	g	2437	Ant12	100	0
NVNT	g	2462	Ant12	100	0
NVNT	n20	2412	Ant12	100	0
NVNT	n20	2437	Ant12	100	0
NVNT	n20	2462	Ant12	100	0
NVNT	n40	2422	Ant12	100	0
NVNT	n40	2437	Ant12	100	0
NVNT	n40	2452	Ant12	100	0

Test Graphs

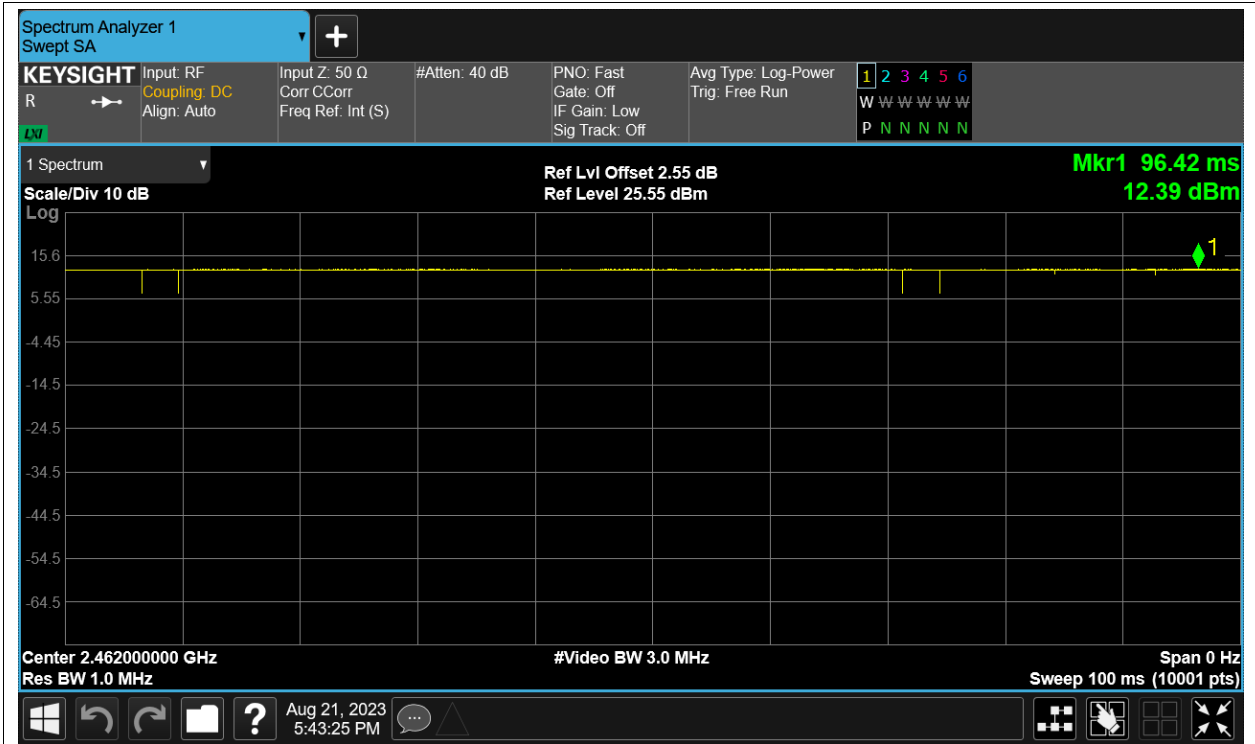
Duty Cycle NVNT b 2412MHz Ant12



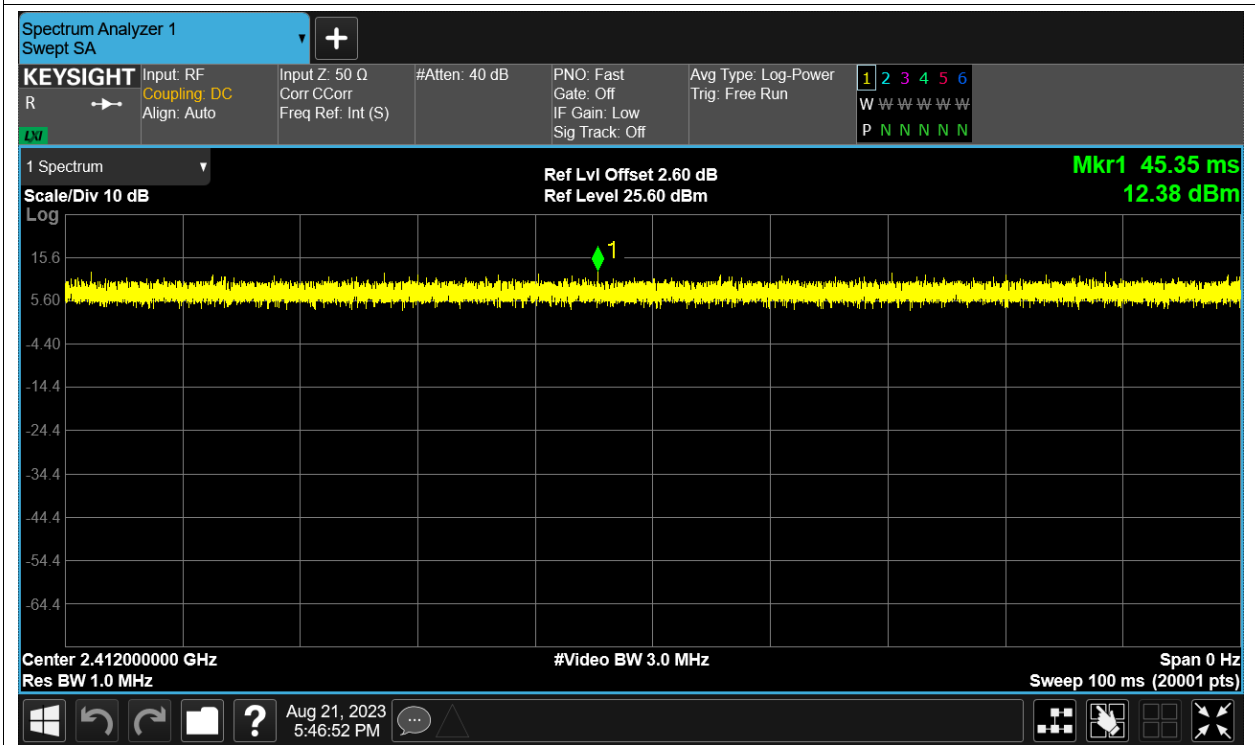
Duty Cycle NVNT b 2437MHz Ant12



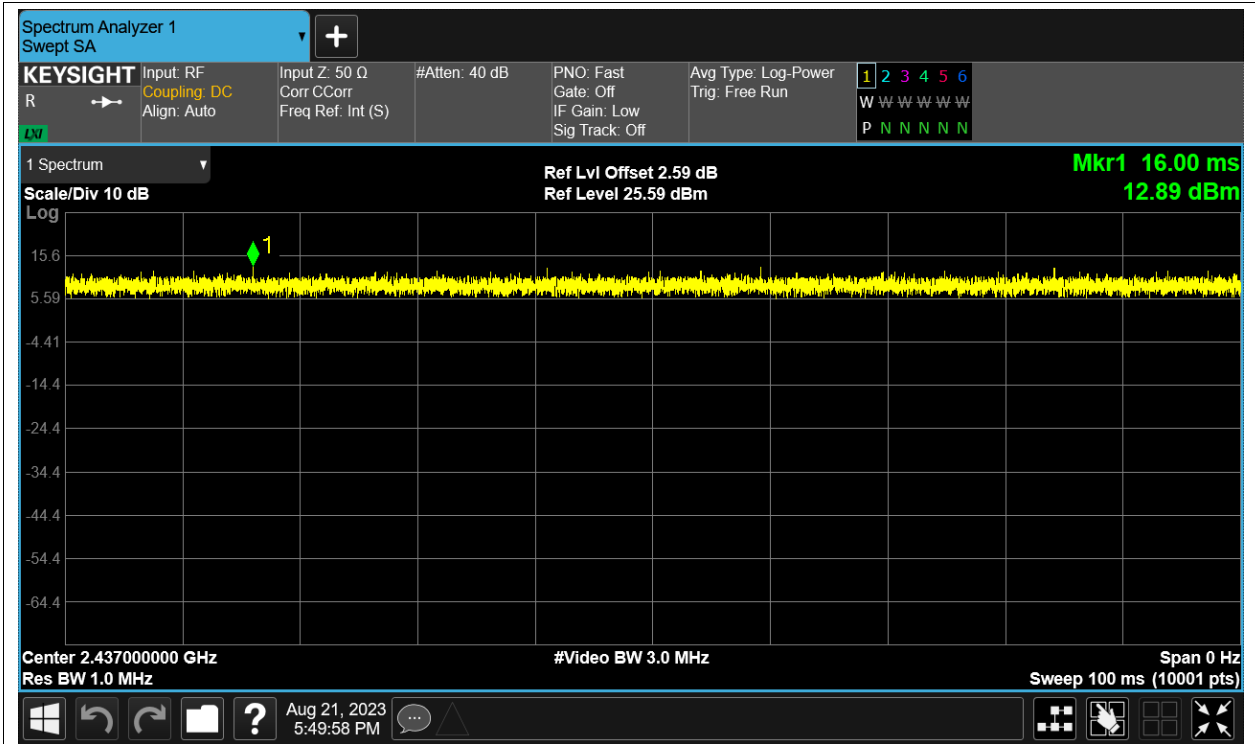
Duty Cycle NVNT b 2462MHz Ant12



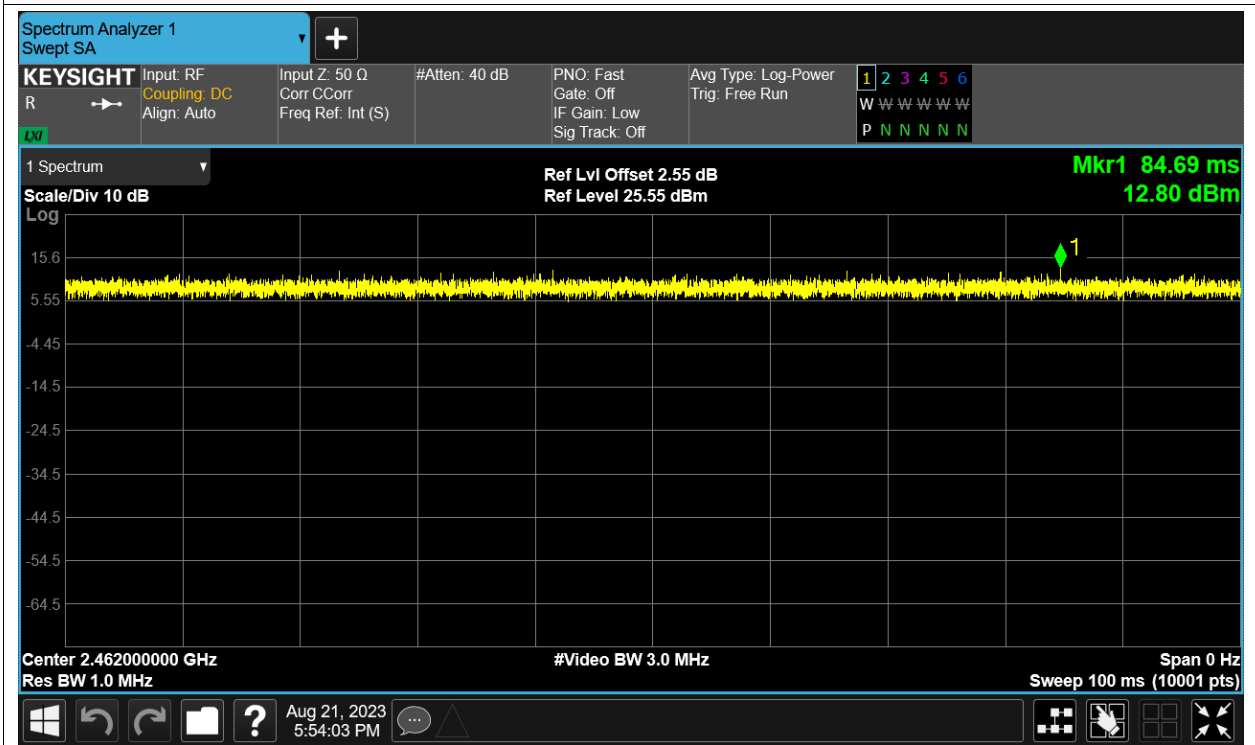
Duty Cycle NVNT g 2412MHz Ant12



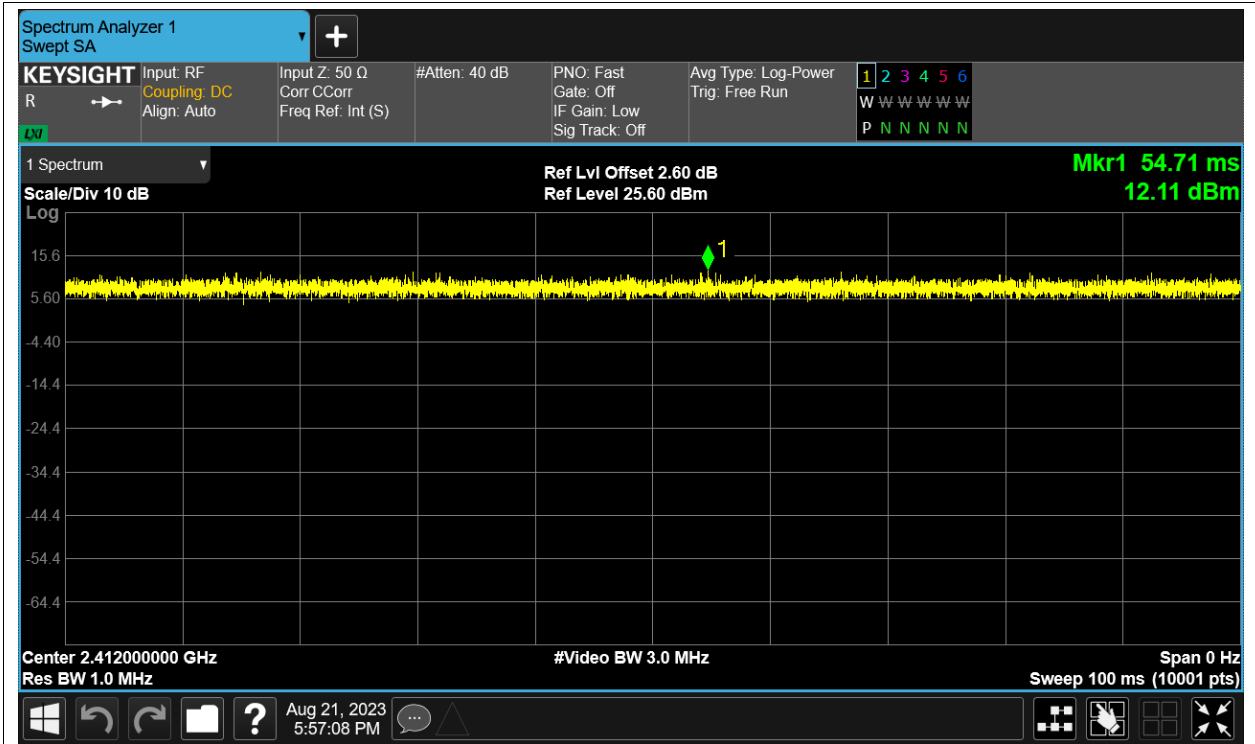
Duty Cycle NVNT g 2437MHz Ant12



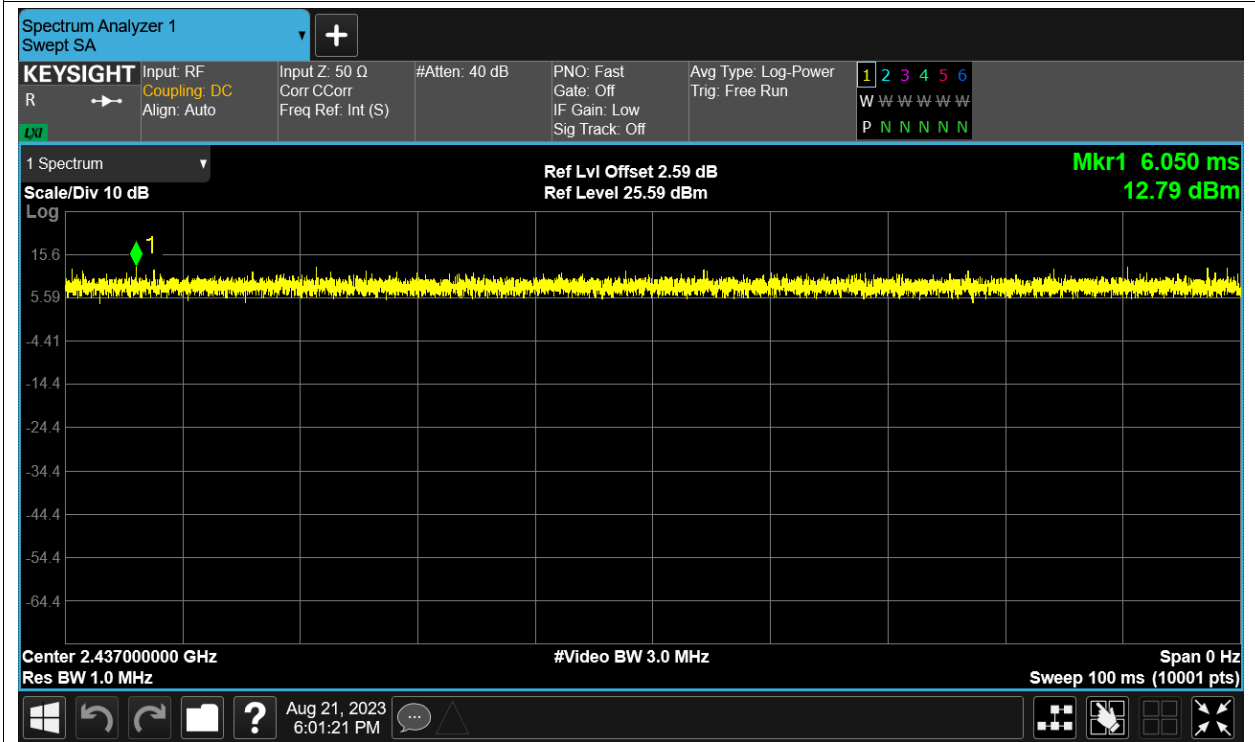
Duty Cycle NVNT g 2462MHz Ant12



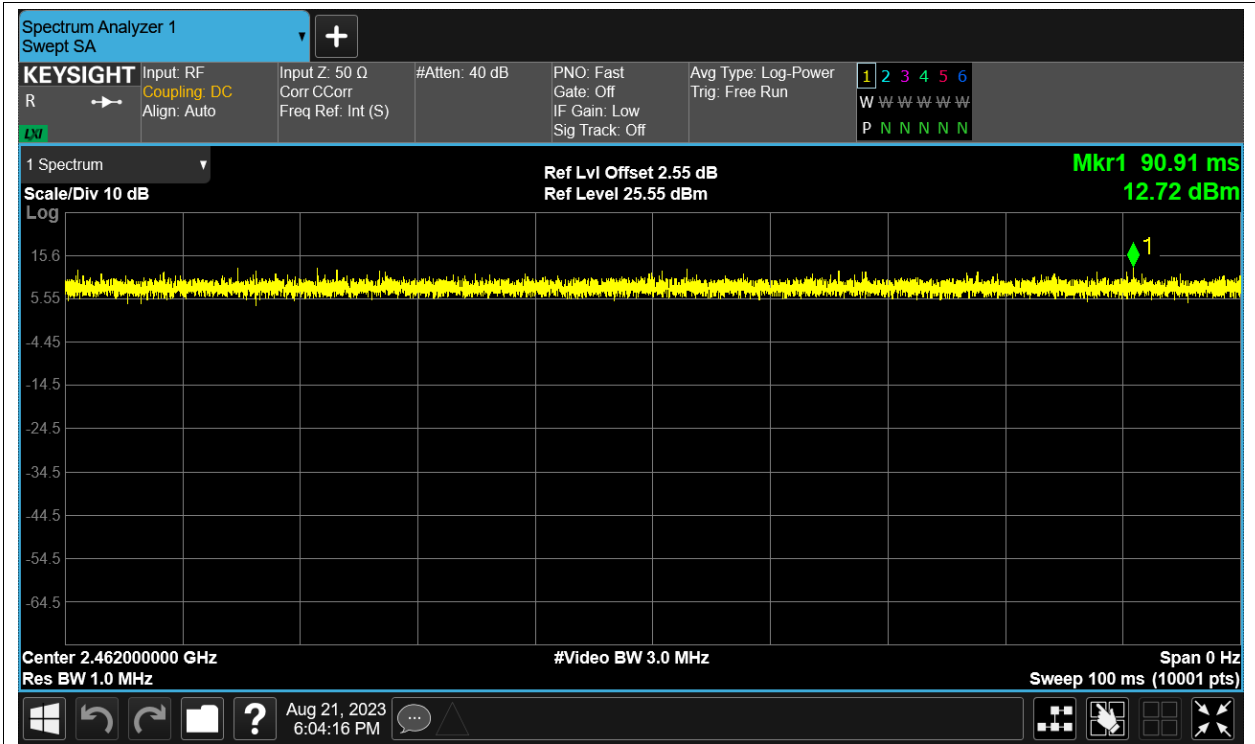
Duty Cycle NVNT n20 2412MHz Ant12



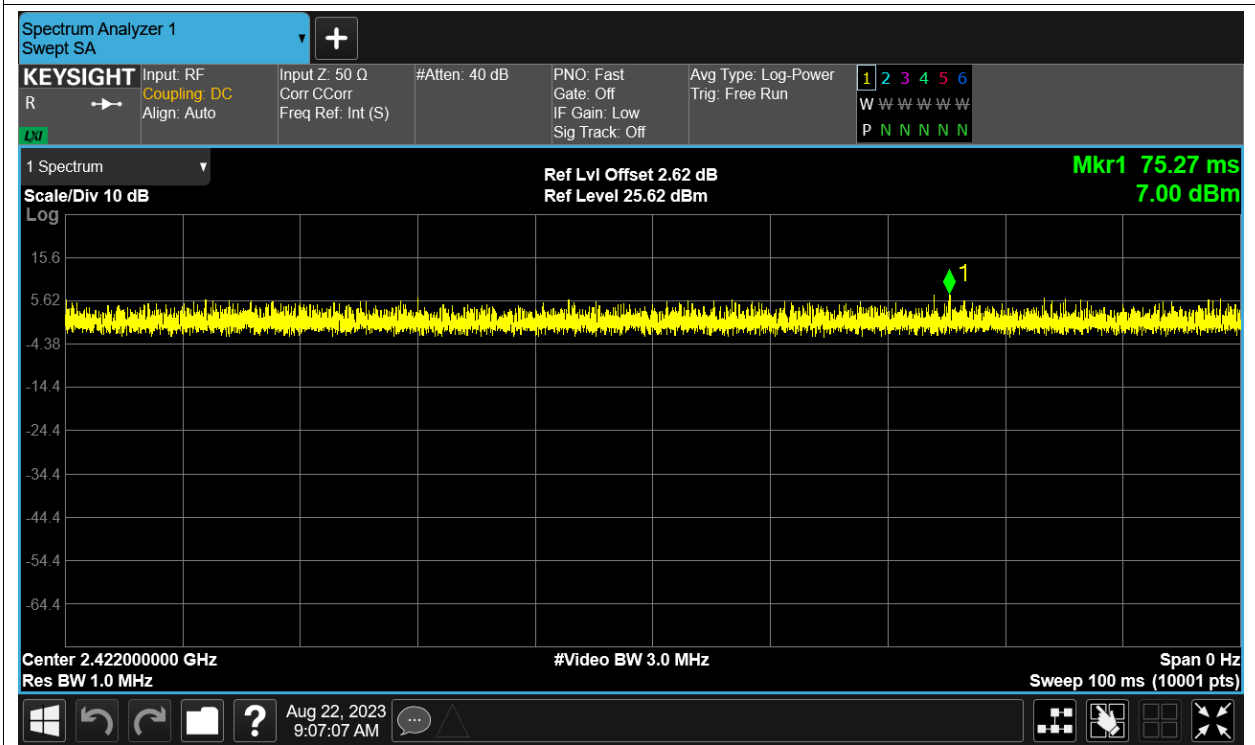
Duty Cycle NVNT n20 2437MHz Ant12



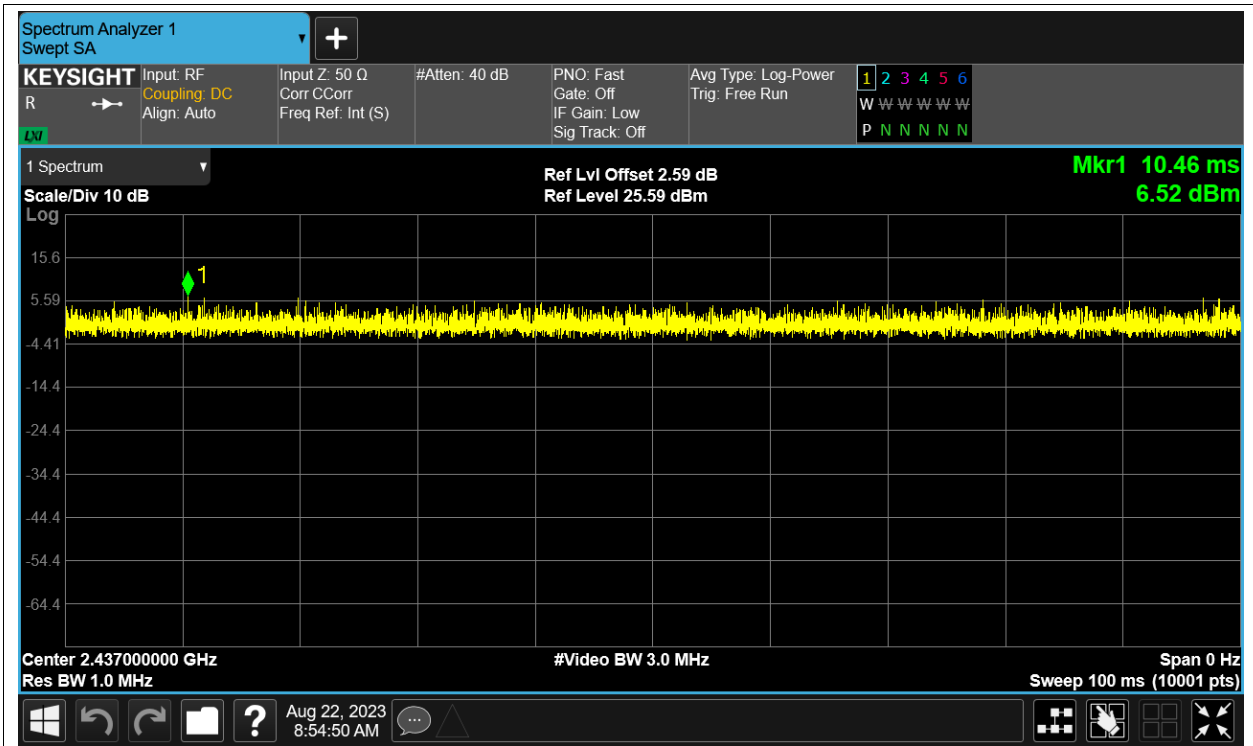
Duty Cycle NVNT n20 2462MHz Ant12



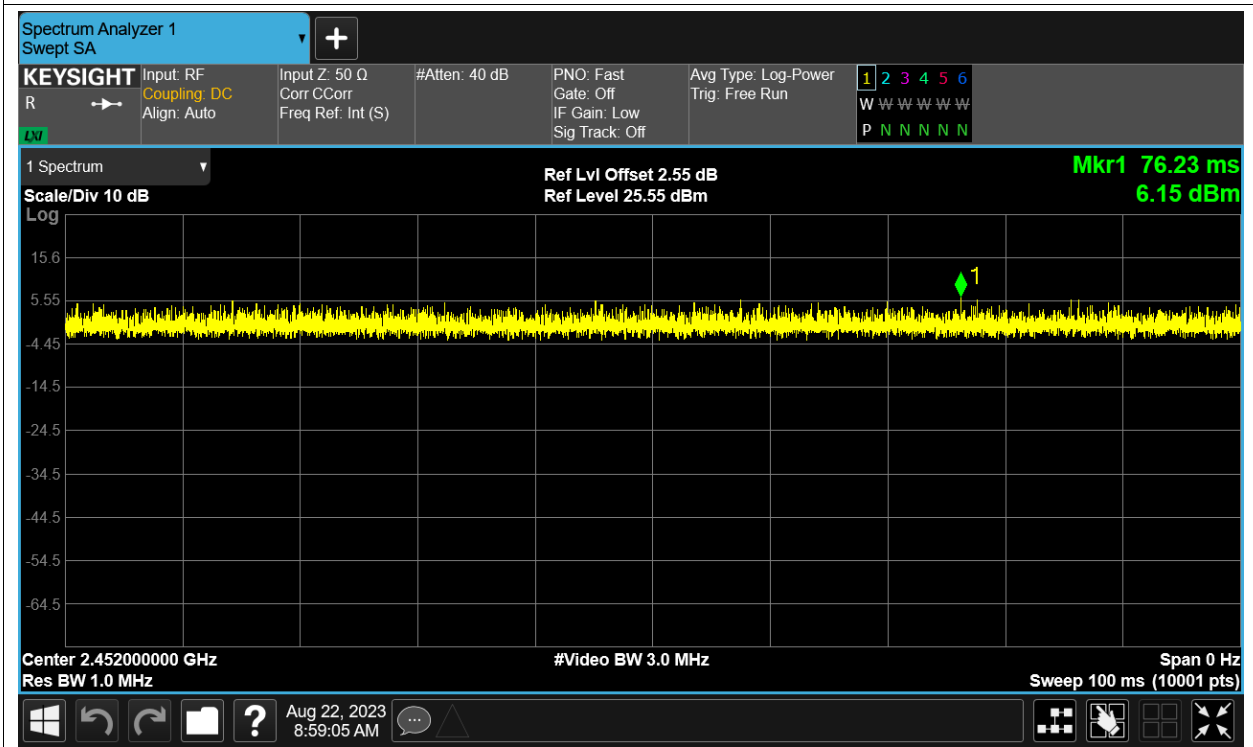
Duty Cycle NVNT n40 2422MHz Ant12



Duty Cycle NVNT n40 2437MHz Ant12



Duty Cycle NVNT n40 2452MHz Ant12



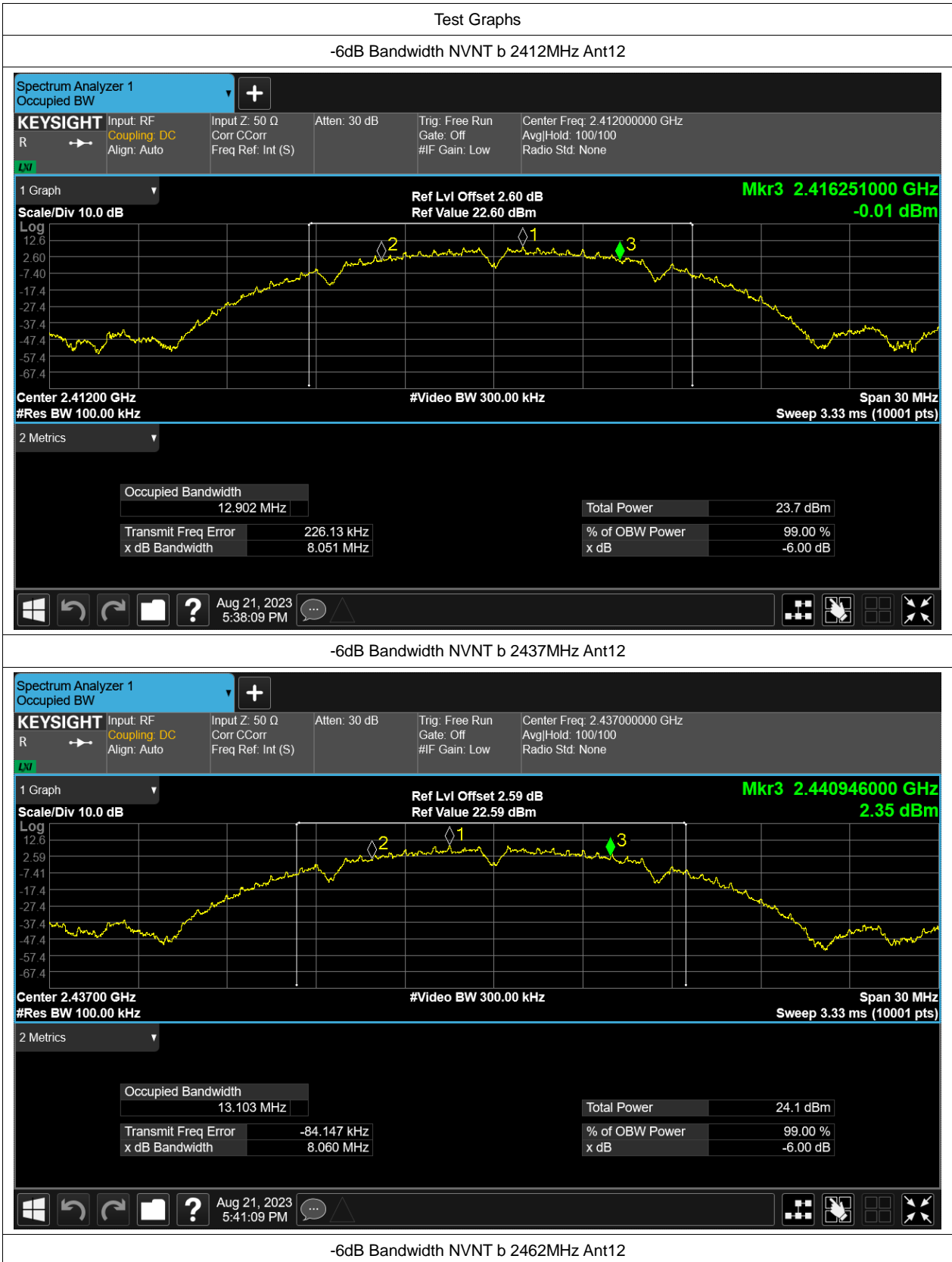
## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant12	16.49	0	16.49	30	Pass
NVNT	b	2437	Ant12	16.77	0	16.77	30	Pass
NVNT	b	2462	Ant12	16.88	0	16.88	30	Pass
NVNT	g	2412	Ant12	14.42	0	14.42	30	Pass
NVNT	g	2437	Ant12	14.47	0	14.47	30	Pass
NVNT	g	2462	Ant12	14.45	0	14.45	30	Pass
NVNT	n20	2412	Ant12	14.3	0	14.3	30	Pass
NVNT	n20	2437	Ant12	14.38	0	14.38	30	Pass
NVNT	n20	2462	Ant12	14.42	0	14.42	30	Pass
NVNT	n40	2422	Ant12	13.05	0	13.05	30	Pass
NVNT	n40	2437	Ant12	13.18	0	13.18	30	Pass
NVNT	n40	2452	Ant12	13.15	0	13.15	30	Pass



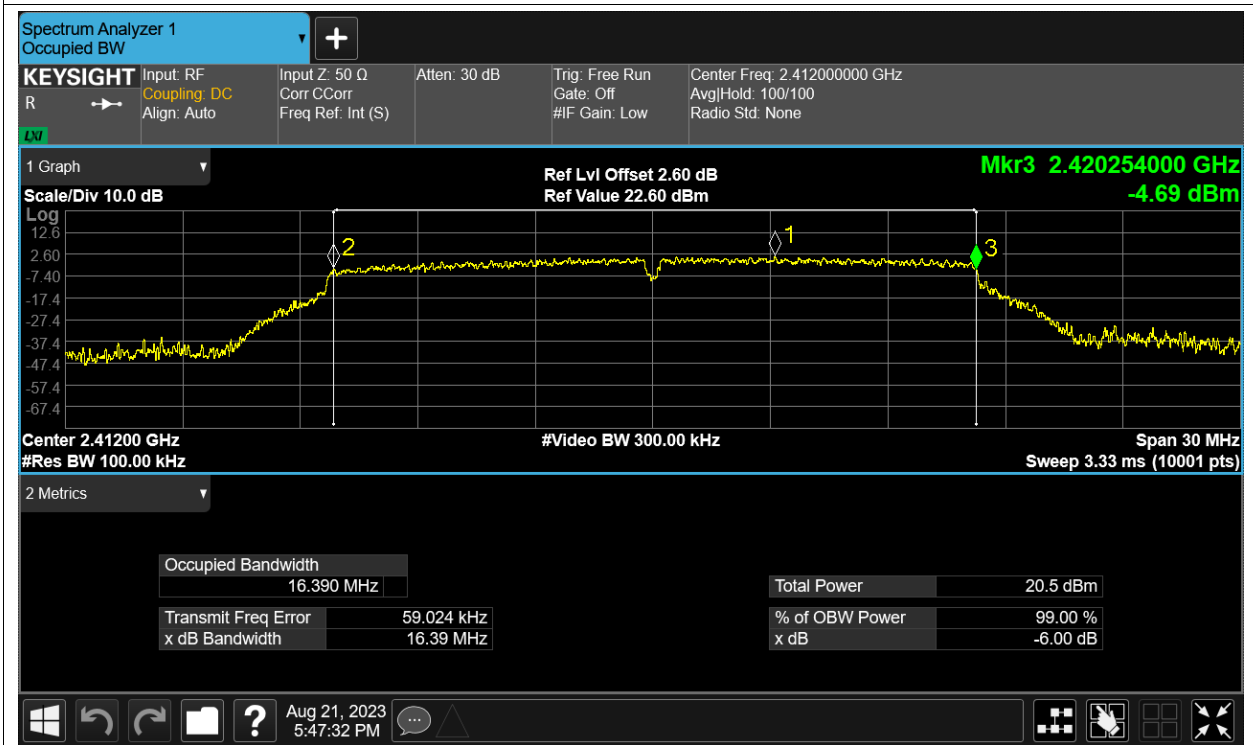
## -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant12	8.051	0.5	Pass
NVNT	b	2437	Ant12	8.06	0.5	Pass
NVNT	b	2462	Ant12	7.551	0.5	Pass
NVNT	g	2412	Ant12	16.391	0.5	Pass
NVNT	g	2437	Ant12	16.386	0.5	Pass
NVNT	g	2462	Ant12	15.705	0.5	Pass
NVNT	n20	2412	Ant12	17.379	0.5	Pass
NVNT	n20	2437	Ant12	17.617	0.5	Pass
NVNT	n20	2462	Ant12	17.328	0.5	Pass
NVNT	n40	2422	Ant12	35.396	0.5	Pass
NVNT	n40	2437	Ant12	36.173	0.5	Pass
NVNT	n40	2452	Ant12	36.341	0.5	Pass

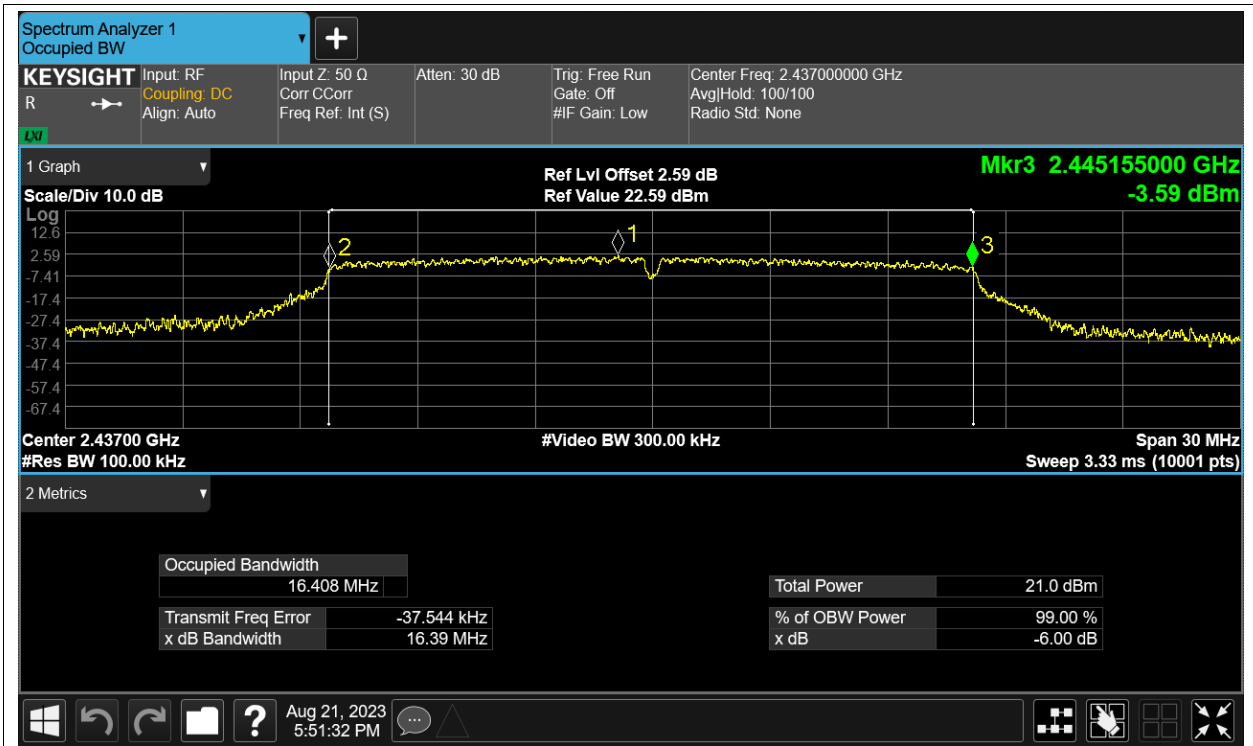




-6dB Bandwidth NVNT g 2412MHz Ant12



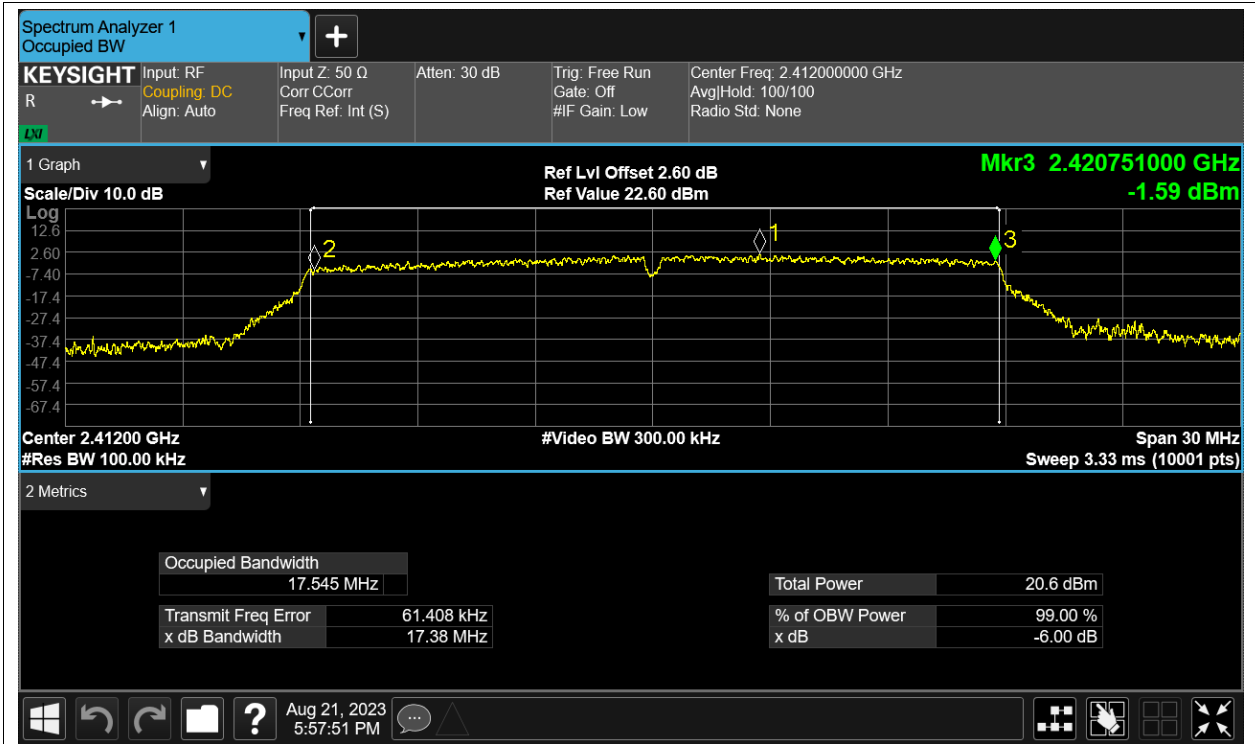
-6dB Bandwidth NVNT g 2437MHz Ant12



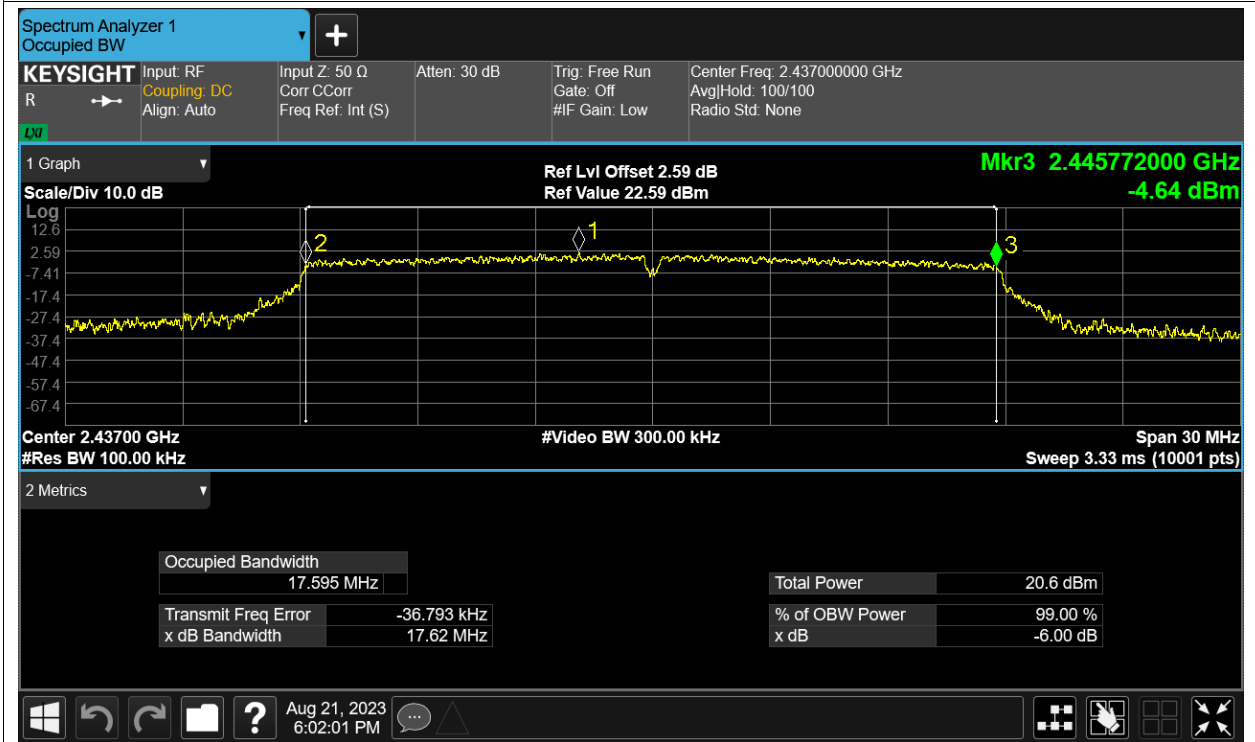
-6dB Bandwidth NVNT g 2462MHz Ant12



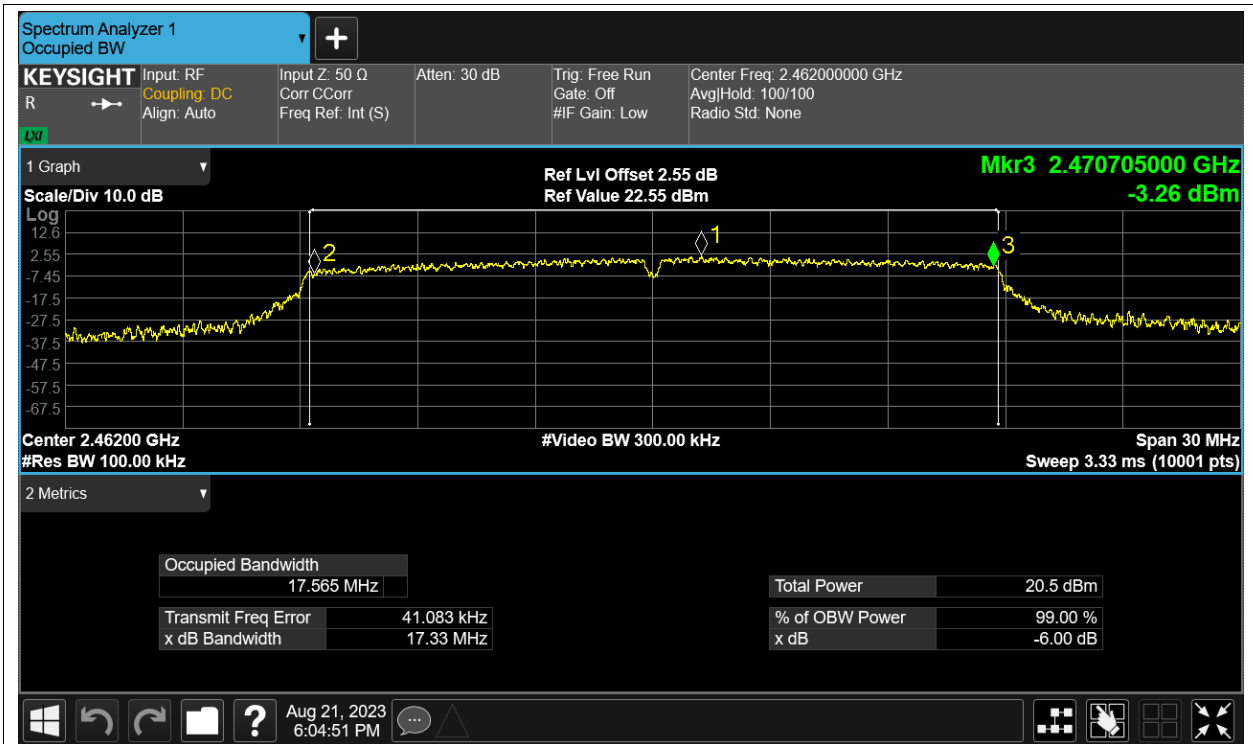
-6dB Bandwidth NVNT n20 2412MHz Ant12



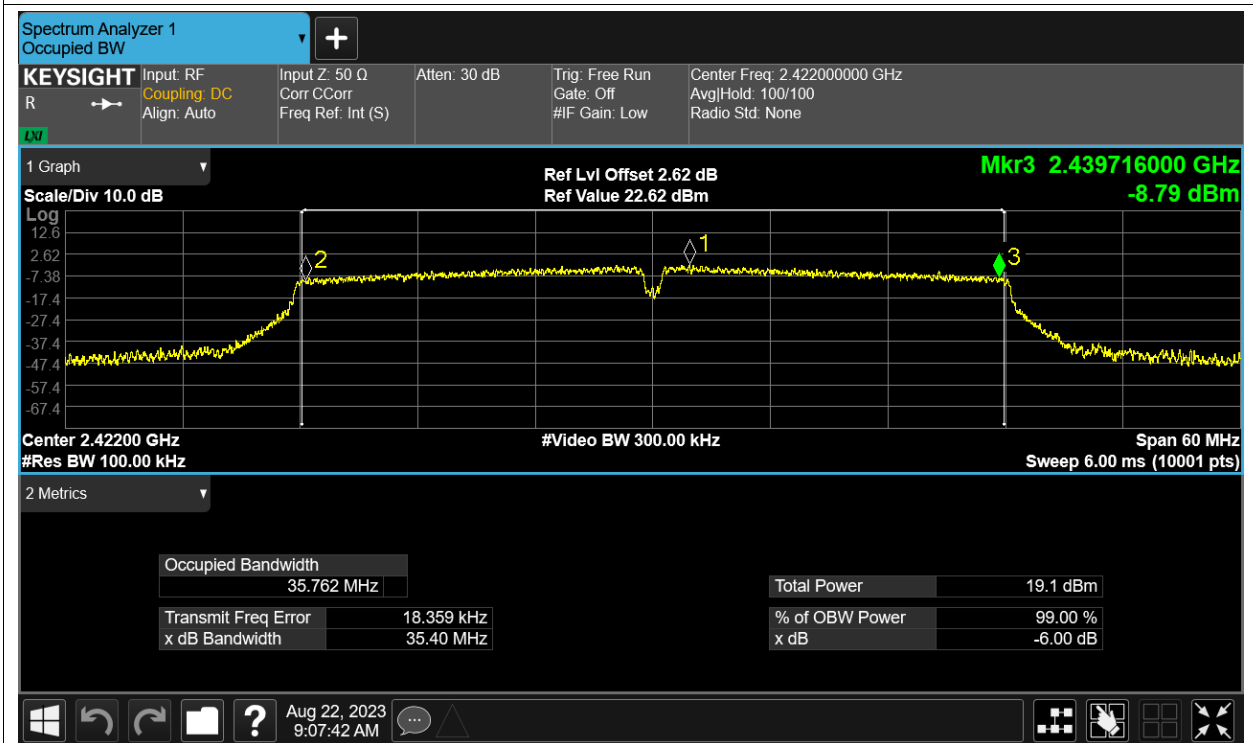
-6dB Bandwidth NVNT n20 2437MHz Ant12



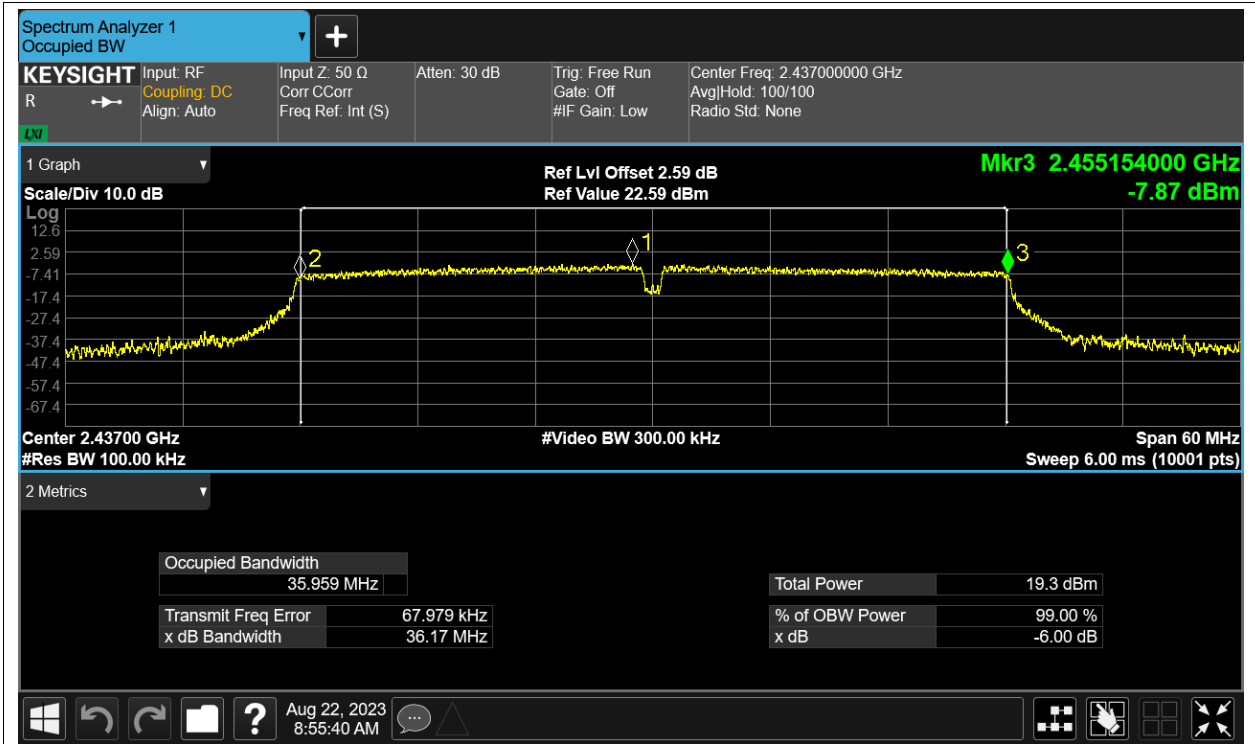
-6dB Bandwidth NVNT n20 2462MHz Ant12



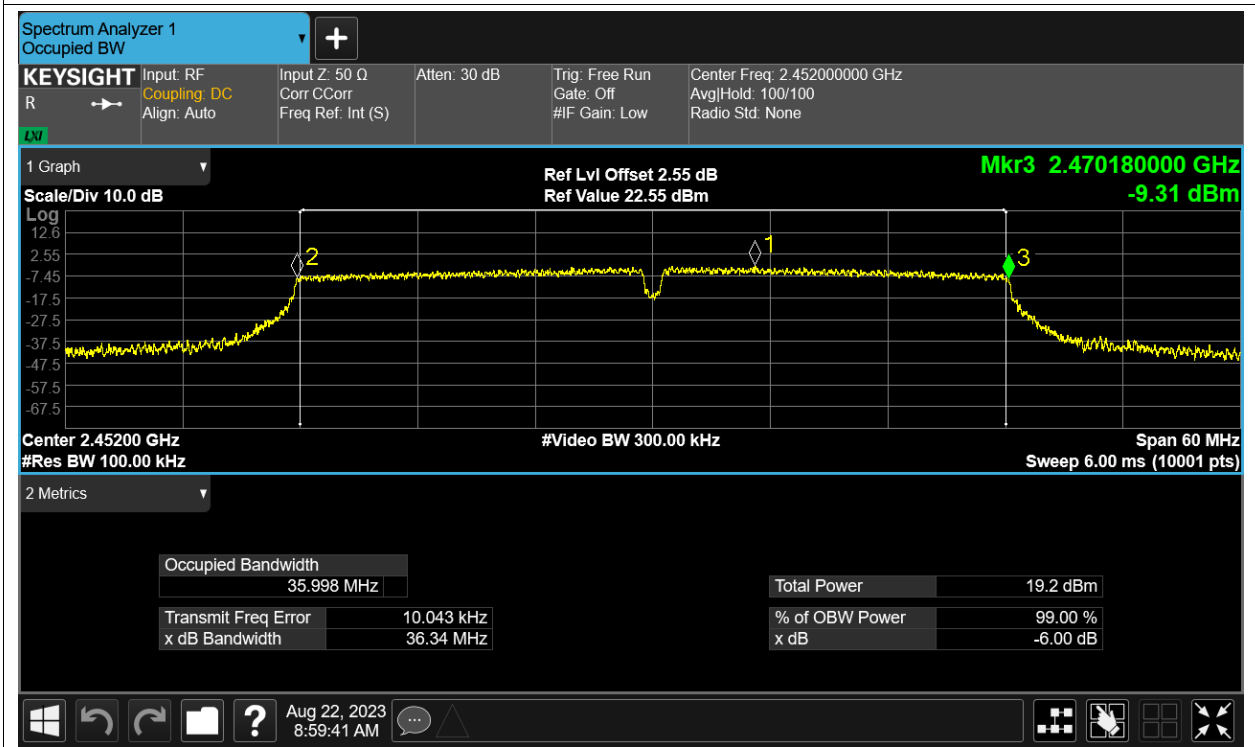
-6dB Bandwidth NVNT n40 2422MHz Ant12



-6dB Bandwidth NVNT n40 2437MHz Ant12



-6dB Bandwidth NVNT n40 2452MHz Ant12



## Occupied Channel Bandwidth

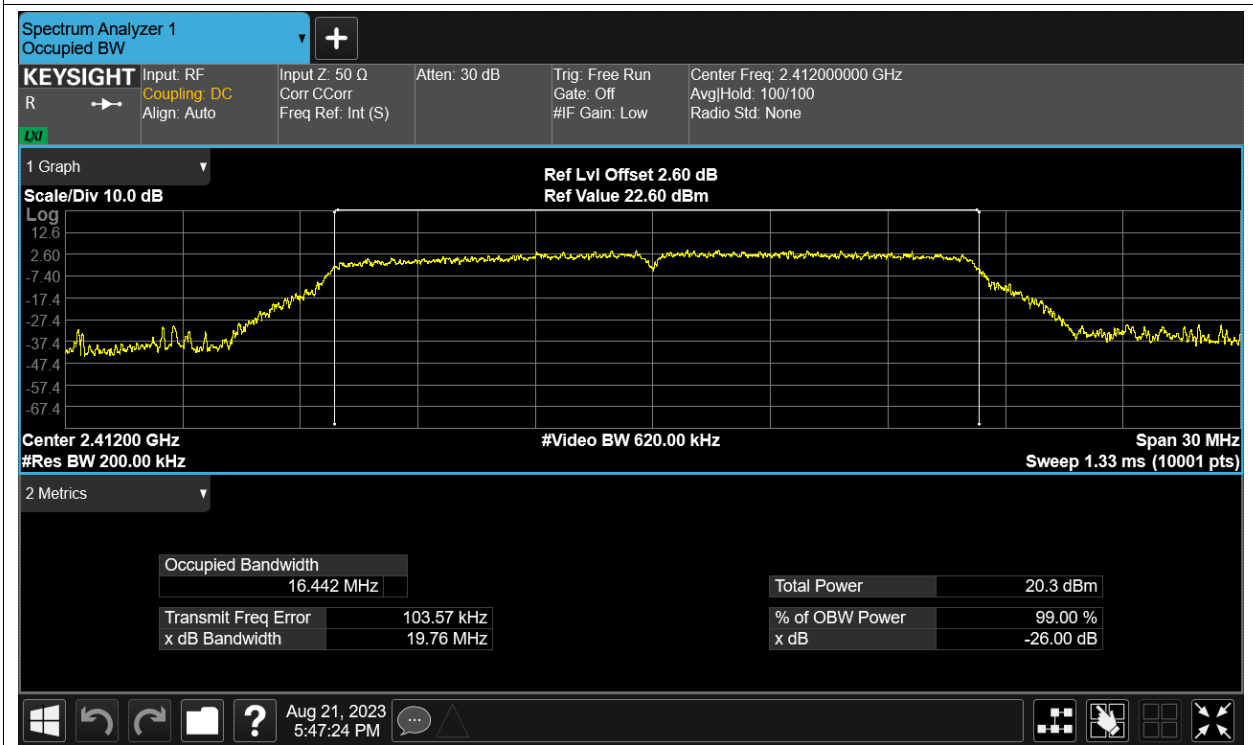
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant12	12.889
NVNT	b	2437	Ant12	13.068
NVNT	b	2462	Ant12	12.858
NVNT	g	2412	Ant12	16.442
NVNT	g	2437	Ant12	16.485
NVNT	g	2462	Ant12	16.436
NVNT	n20	2412	Ant12	17.578
NVNT	n20	2437	Ant12	17.63
NVNT	n20	2462	Ant12	17.606
NVNT	n40	2422	Ant12	35.84
NVNT	n40	2437	Ant12	36.063
NVNT	n40	2452	Ant12	36.059



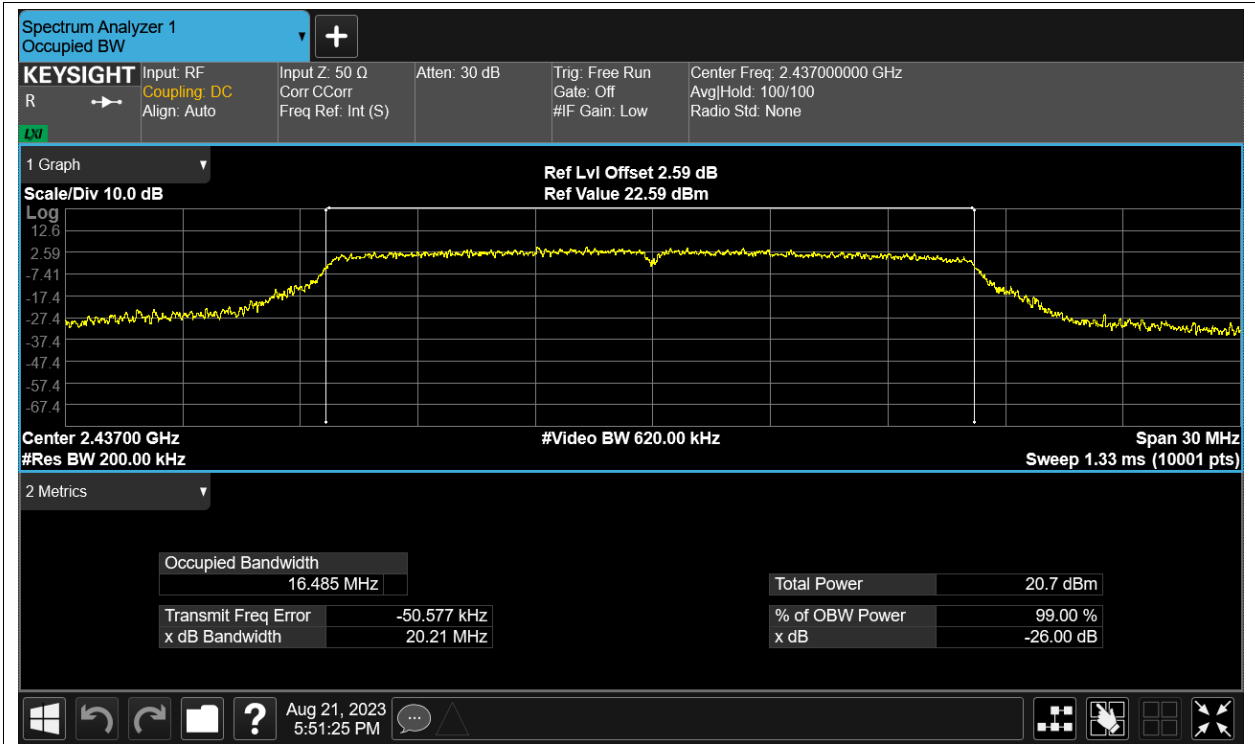




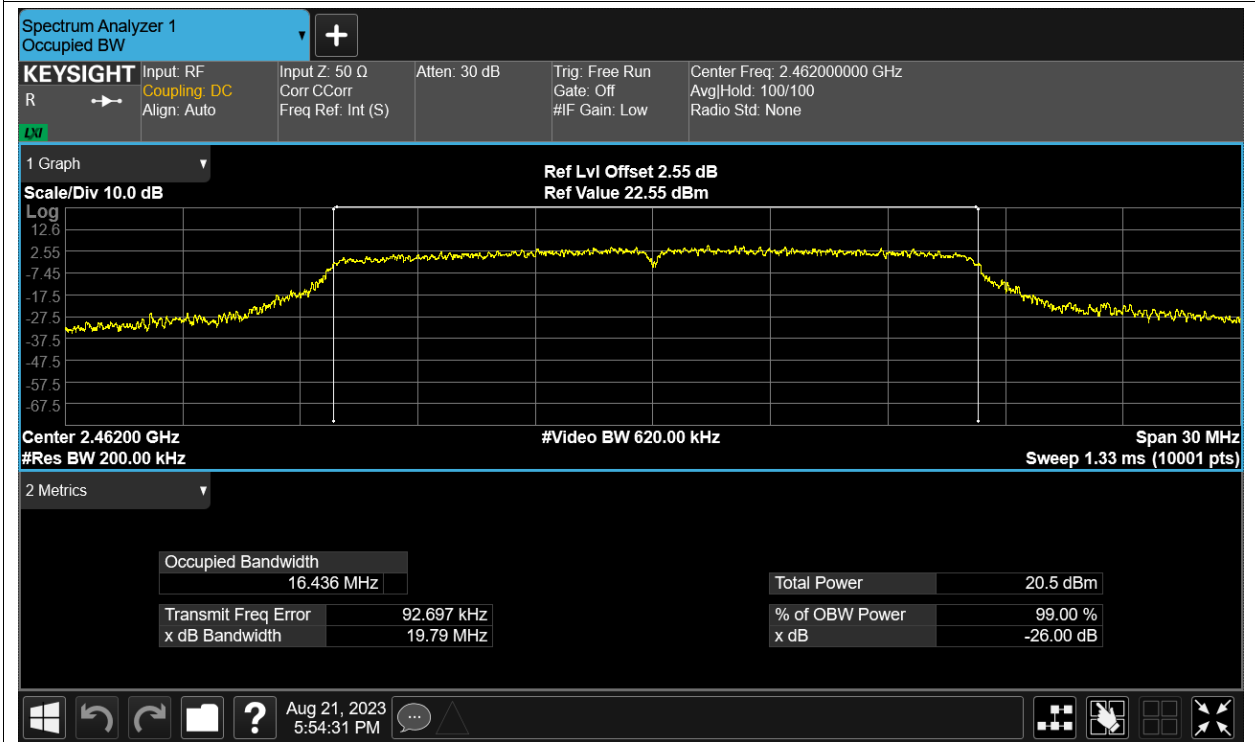
OBW NVNT g 2412MHz Ant12



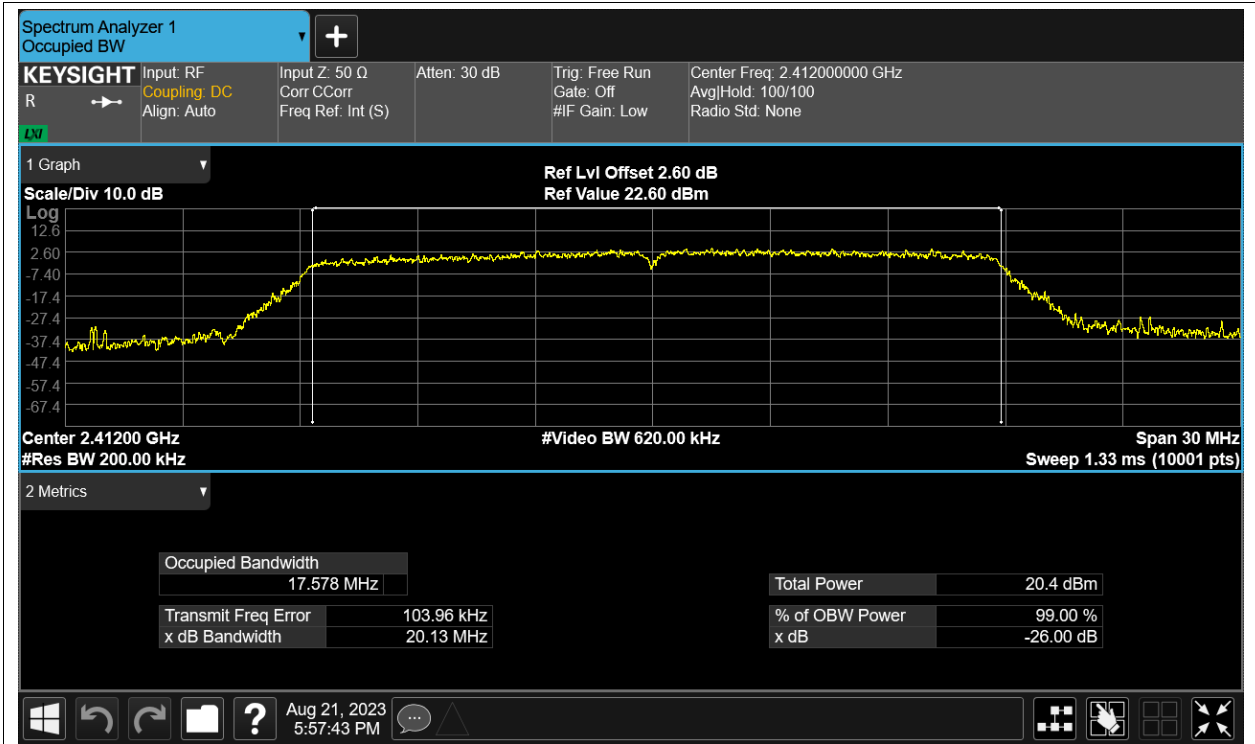
OBW NVNT g 2437MHz Ant12



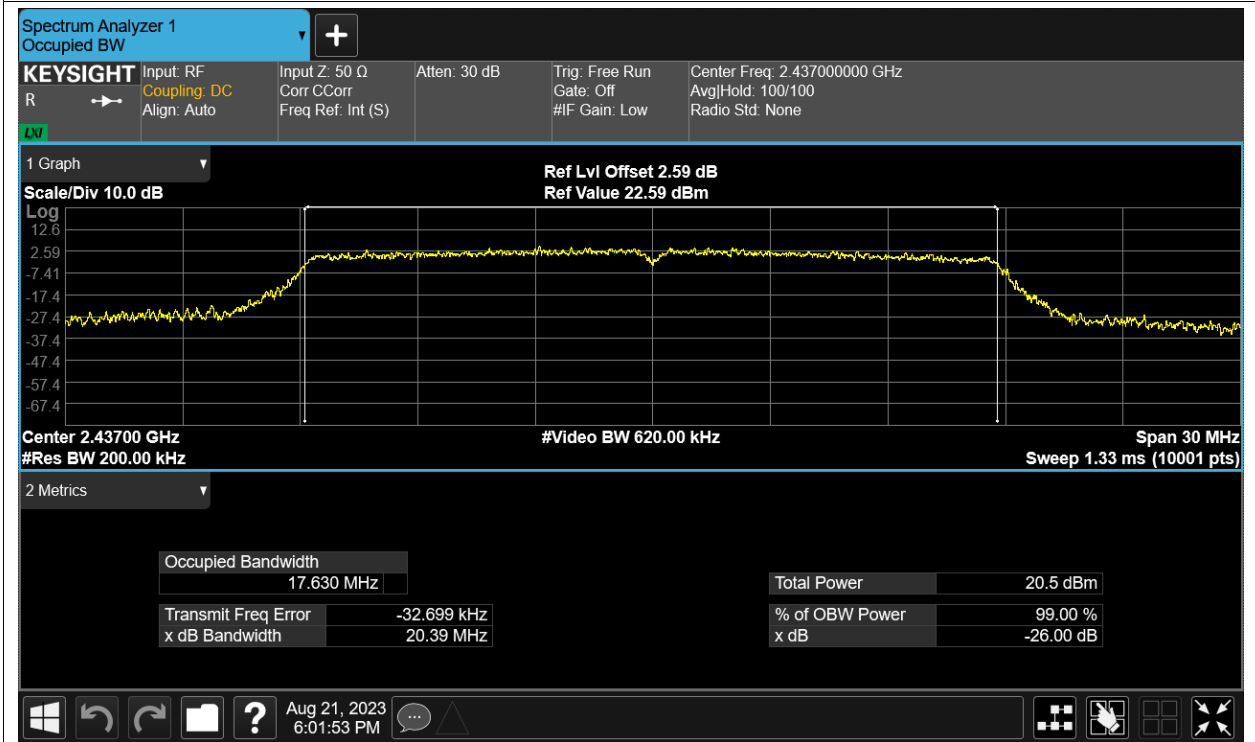
OBW NVNT g 2462MHz Ant12



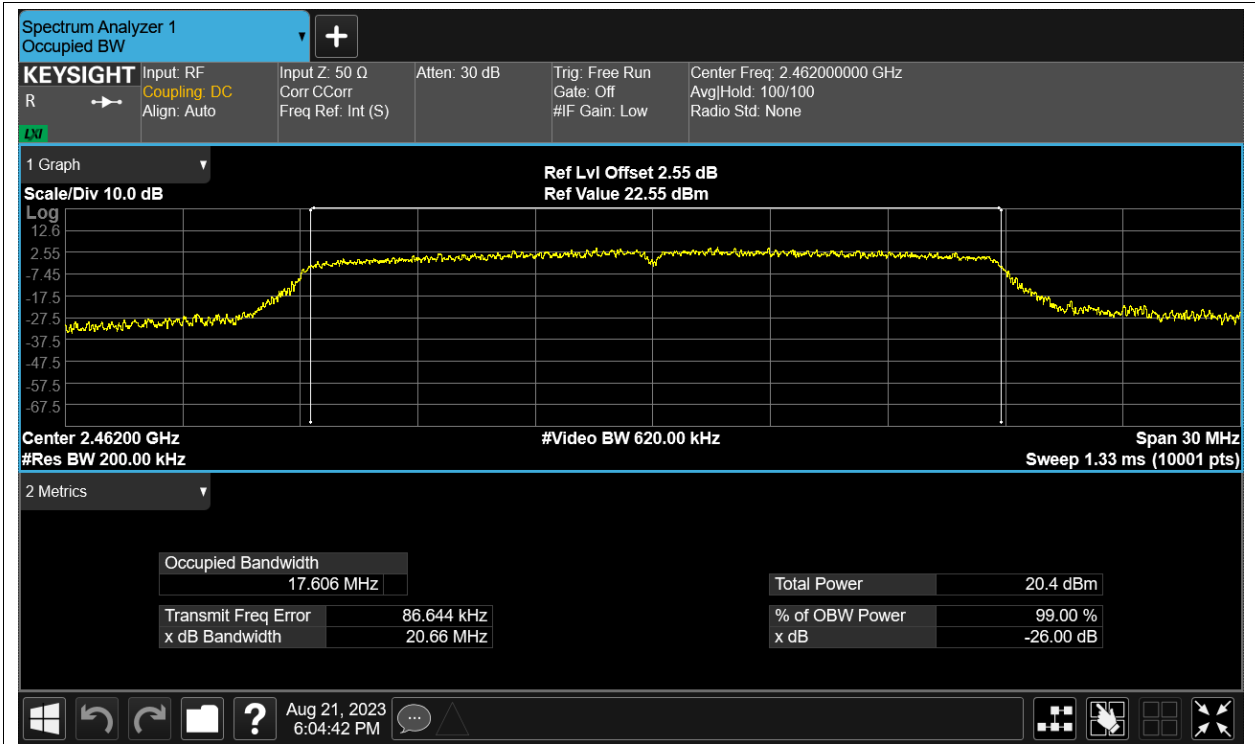
OBW NVNT n20 2412MHz Ant12



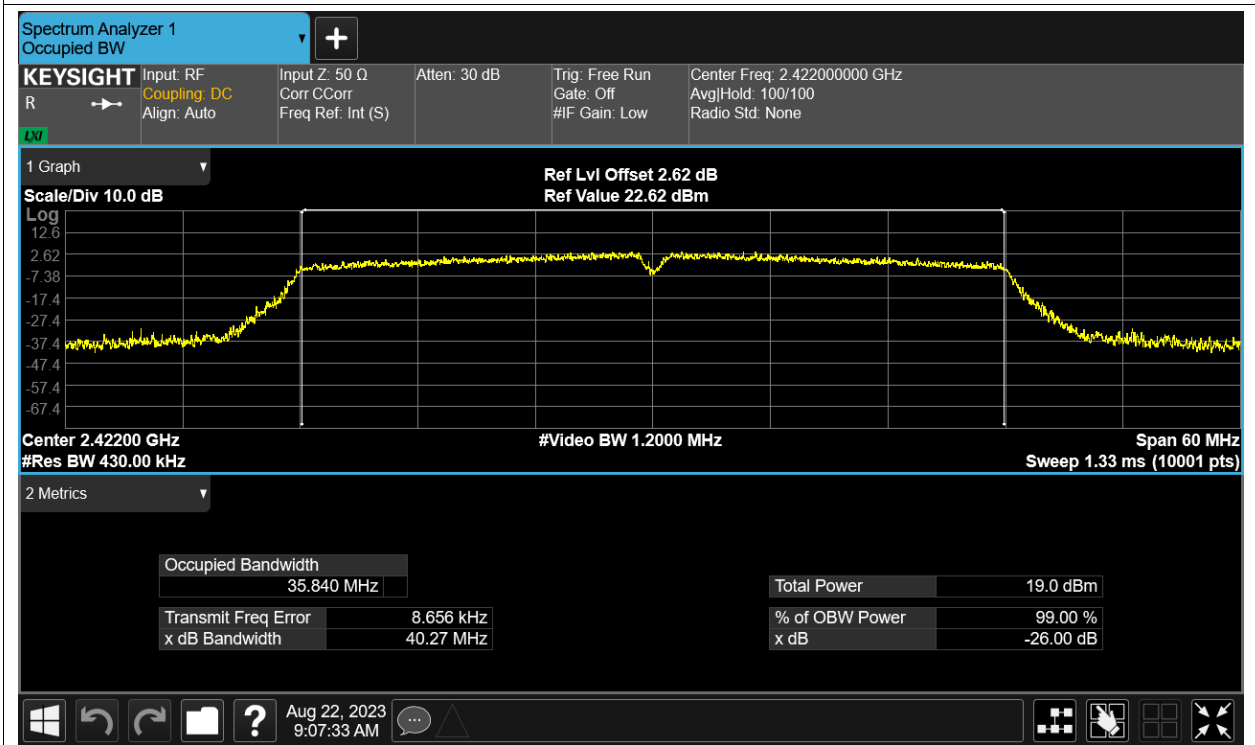
OBW NVNT n20 2437MHz Ant12



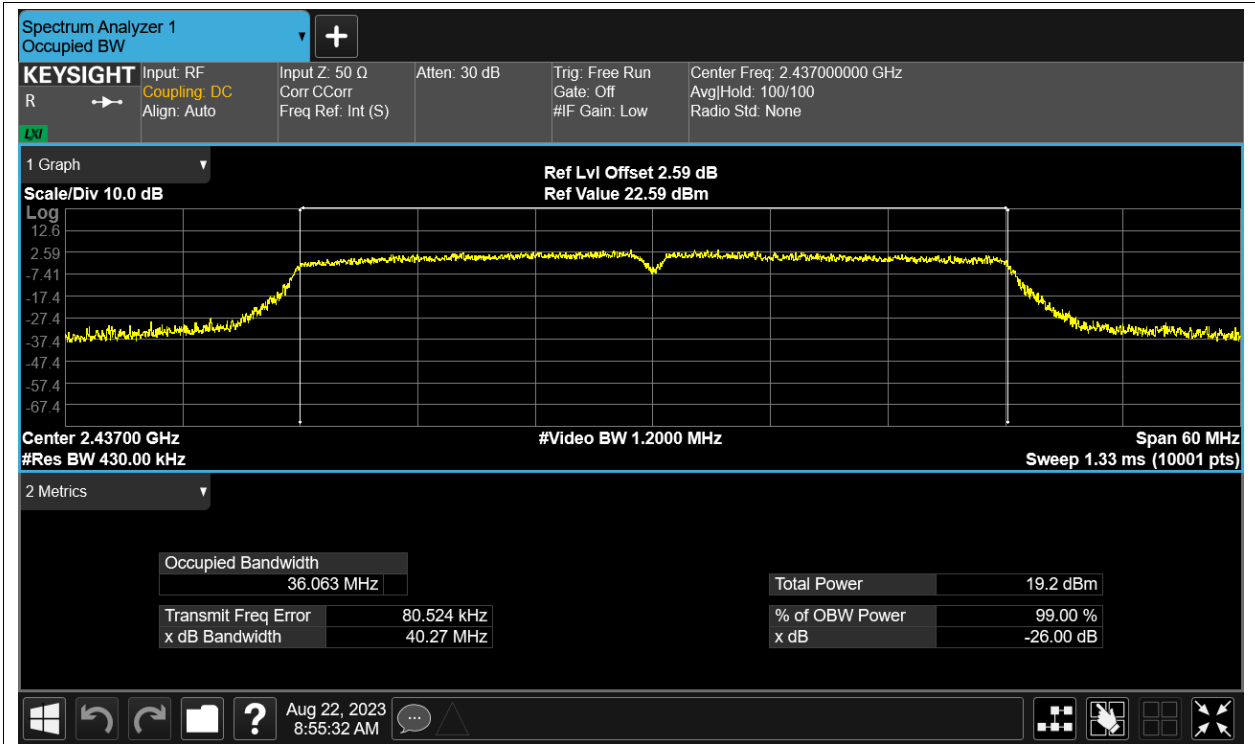
OBW NVNT n20 2462MHz Ant12



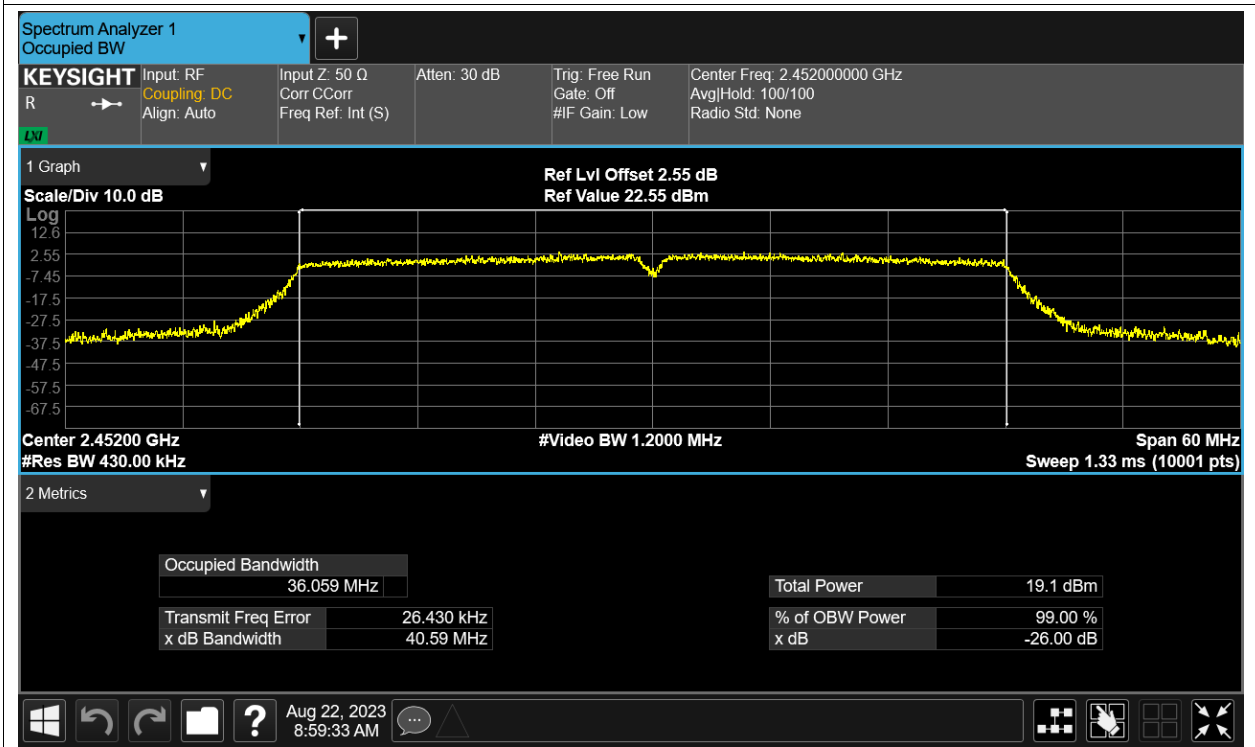
OBW NVNT n40 2422MHz Ant12



OBW NVNT n40 2437MHz Ant12



OBW NVNT n40 2452MHz Ant12

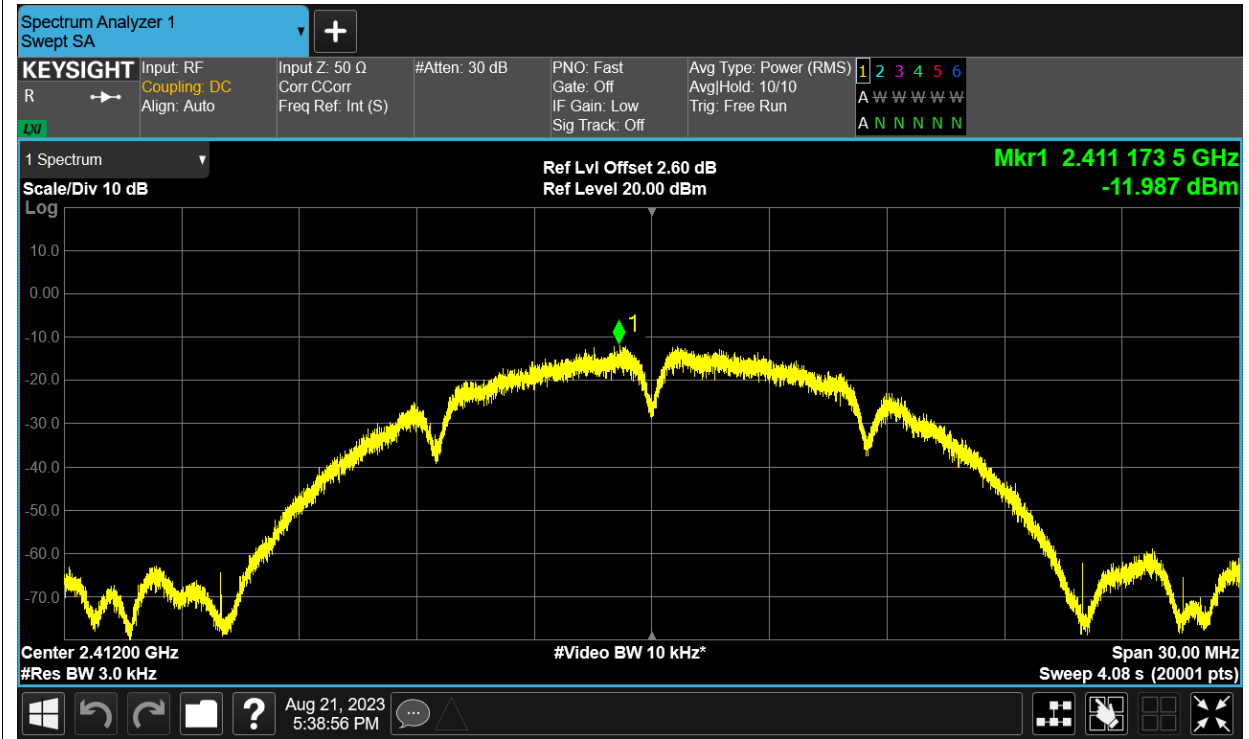


## Maximum Power Spectral Density Level

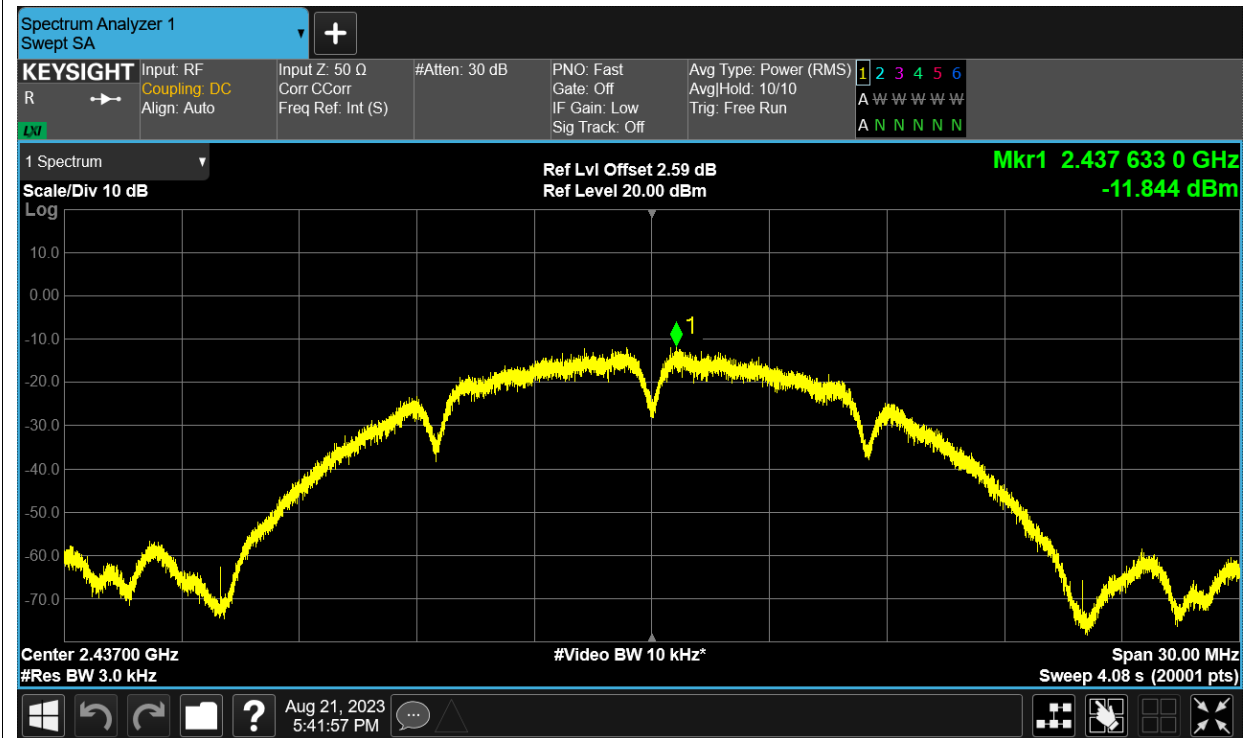
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant12	-11.987	8	Pass
NVNT	b	2437	Ant12	-11.844	8	Pass
NVNT	b	2462	Ant12	-12.305	8	Pass
NVNT	g	2412	Ant12	-16.43	8	Pass
NVNT	g	2437	Ant12	-15.747	8	Pass
NVNT	g	2462	Ant12	-16.007	8	Pass
NVNT	n20	2412	Ant12	-16.207	8	Pass
NVNT	n20	2437	Ant12	-16.362	8	Pass
NVNT	n20	2462	Ant12	-17.028	8	Pass
NVNT	n40	2422	Ant12	-20.967	8	Pass
NVNT	n40	2437	Ant12	-21.029	8	Pass
NVNT	n40	2452	Ant12	-20.843	8	Pass

Test Graphs

PSD NVNT b 2412MHz Ant12

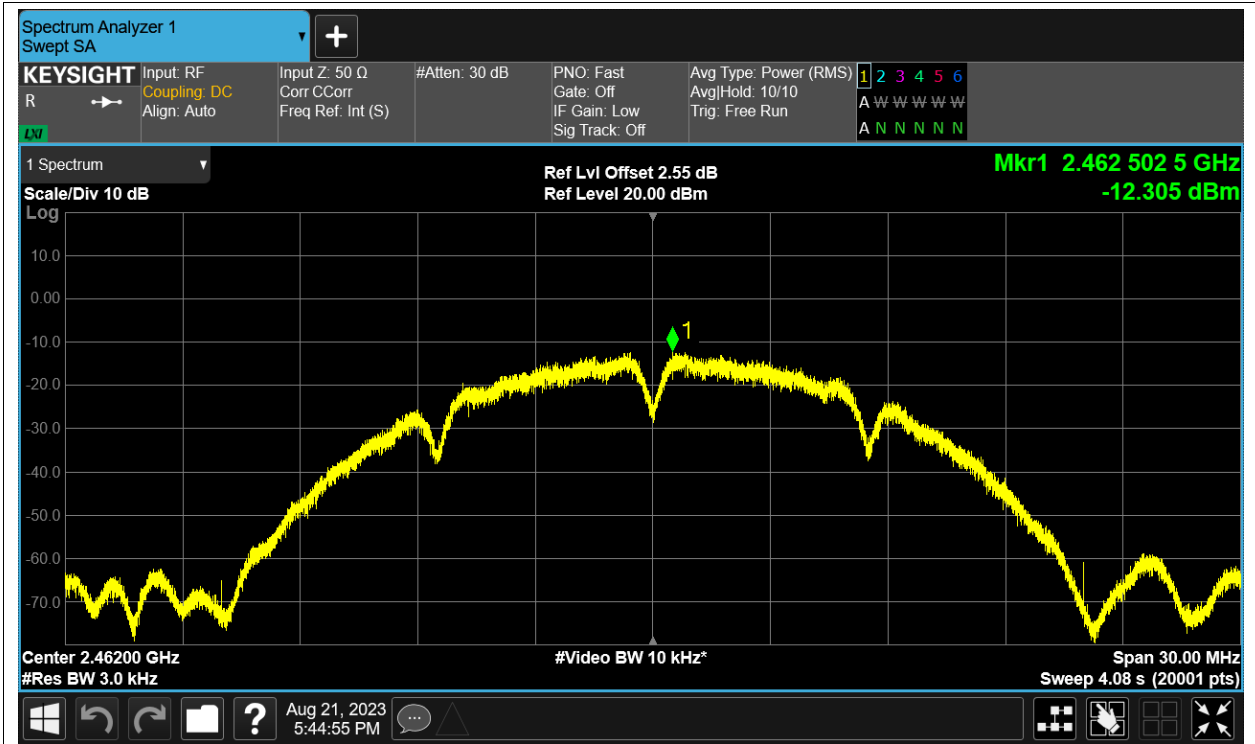


PSD NVNT b 2437MHz Ant12

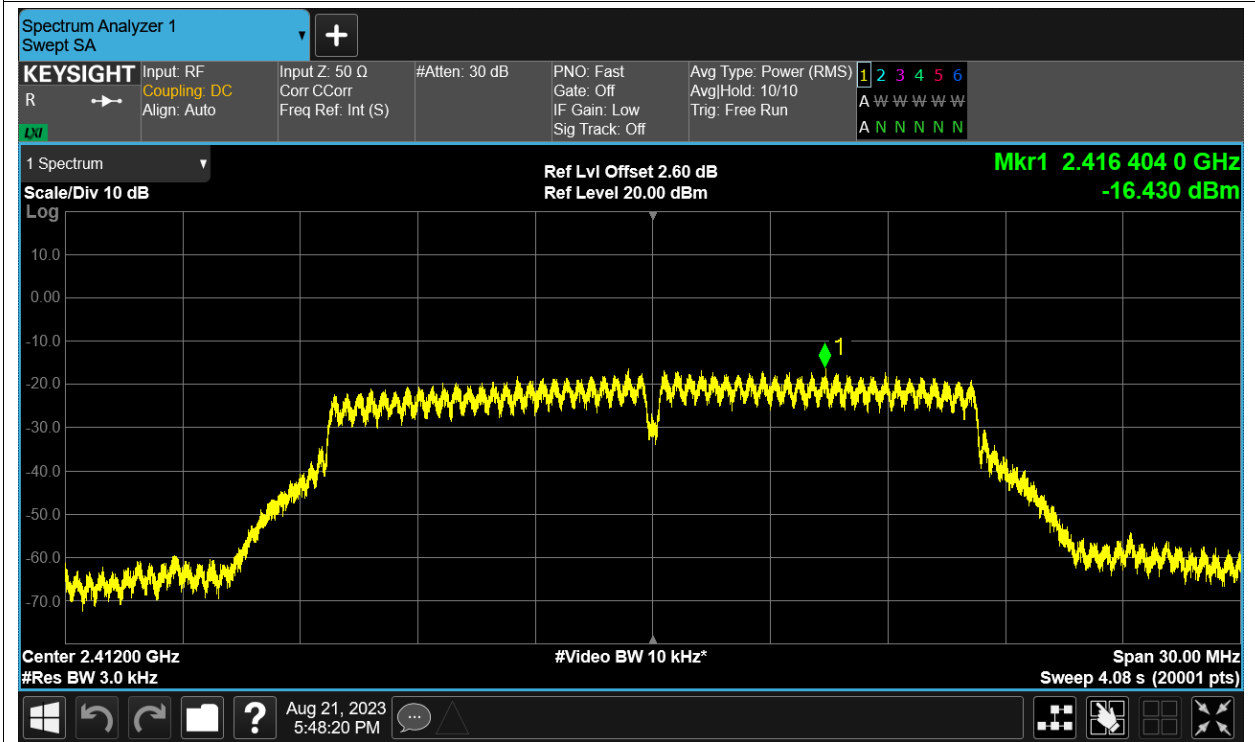


PSD NVNT b 2462MHz Ant12

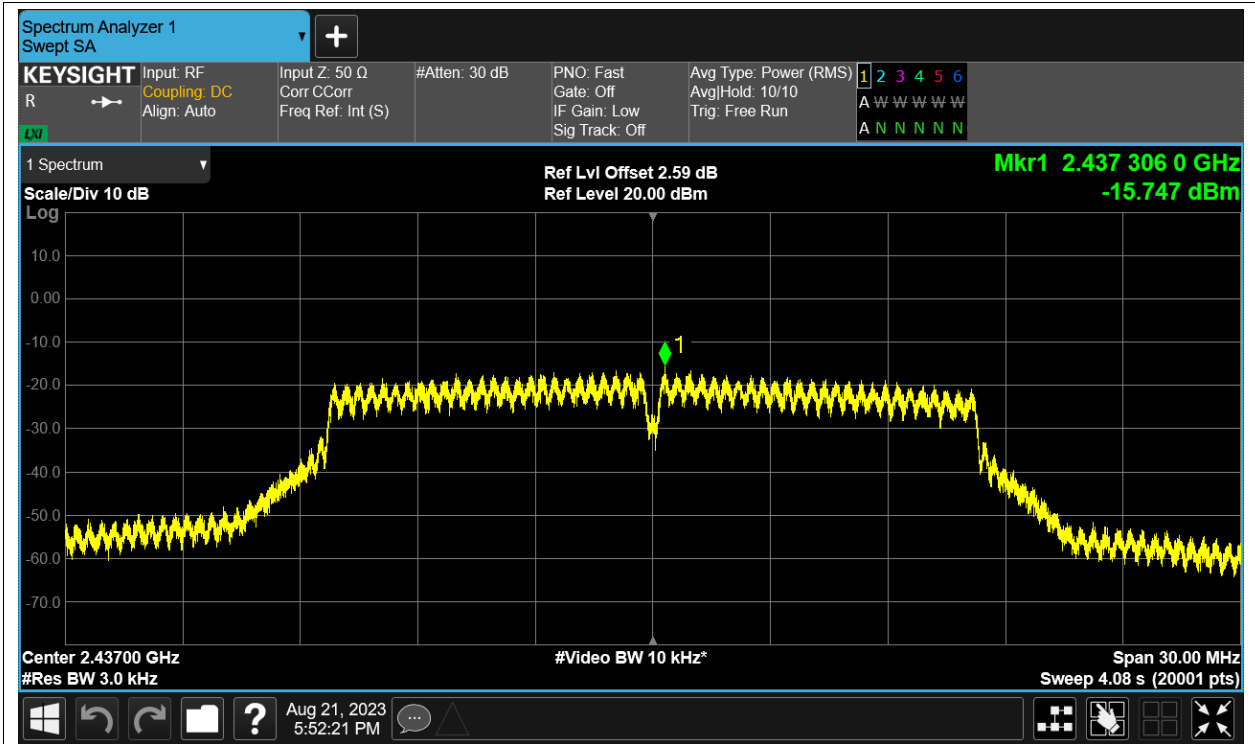




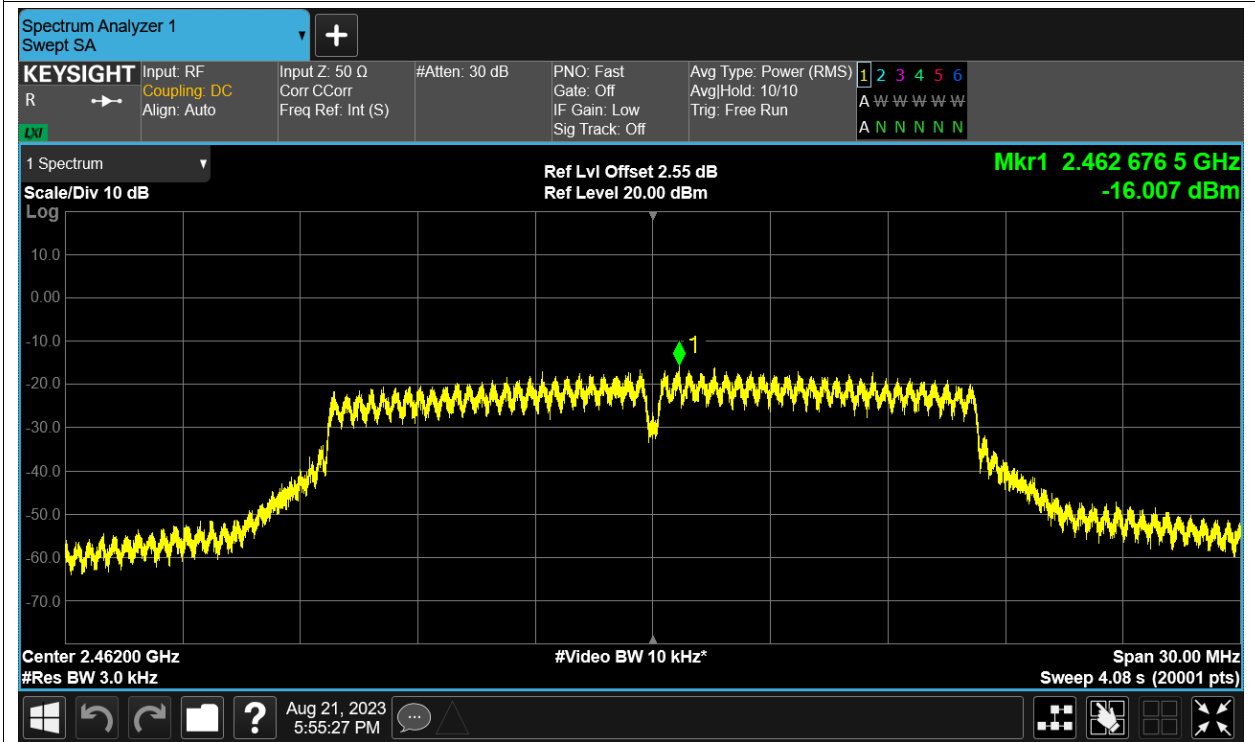
PSD NVNT g 2412MHz Ant12



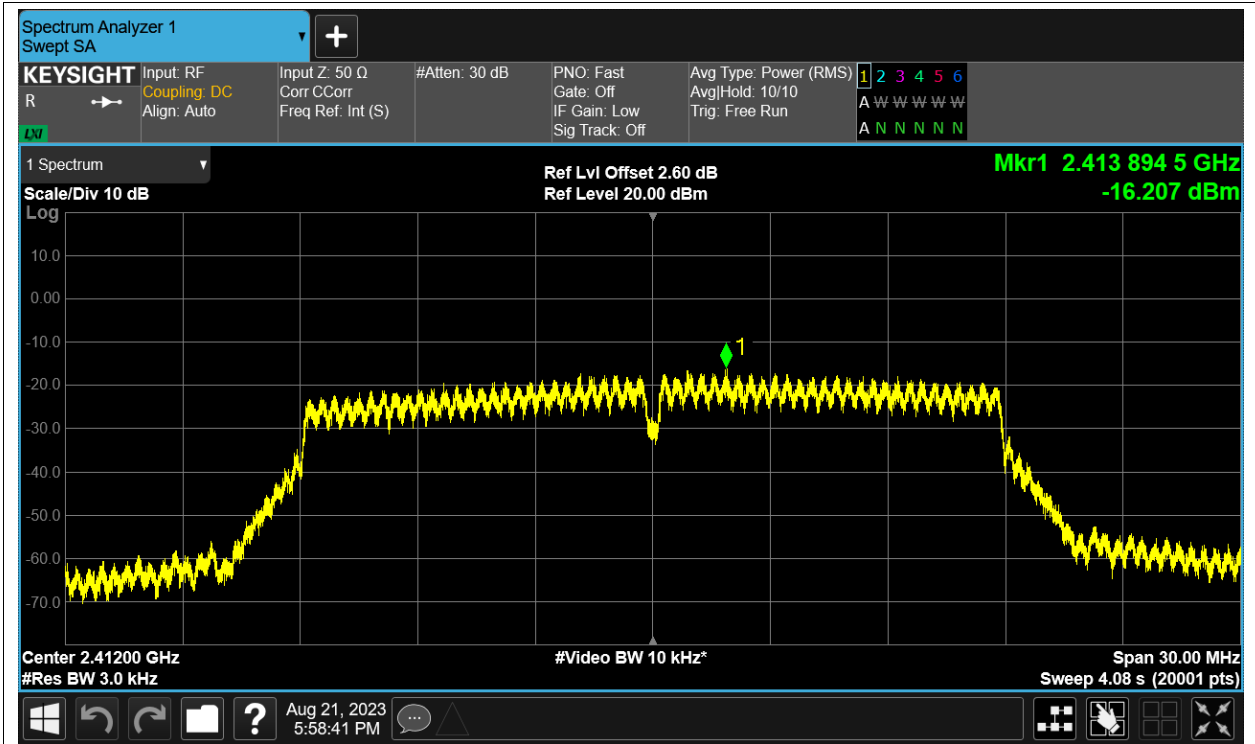
PSD NVNT g 2437MHz Ant12



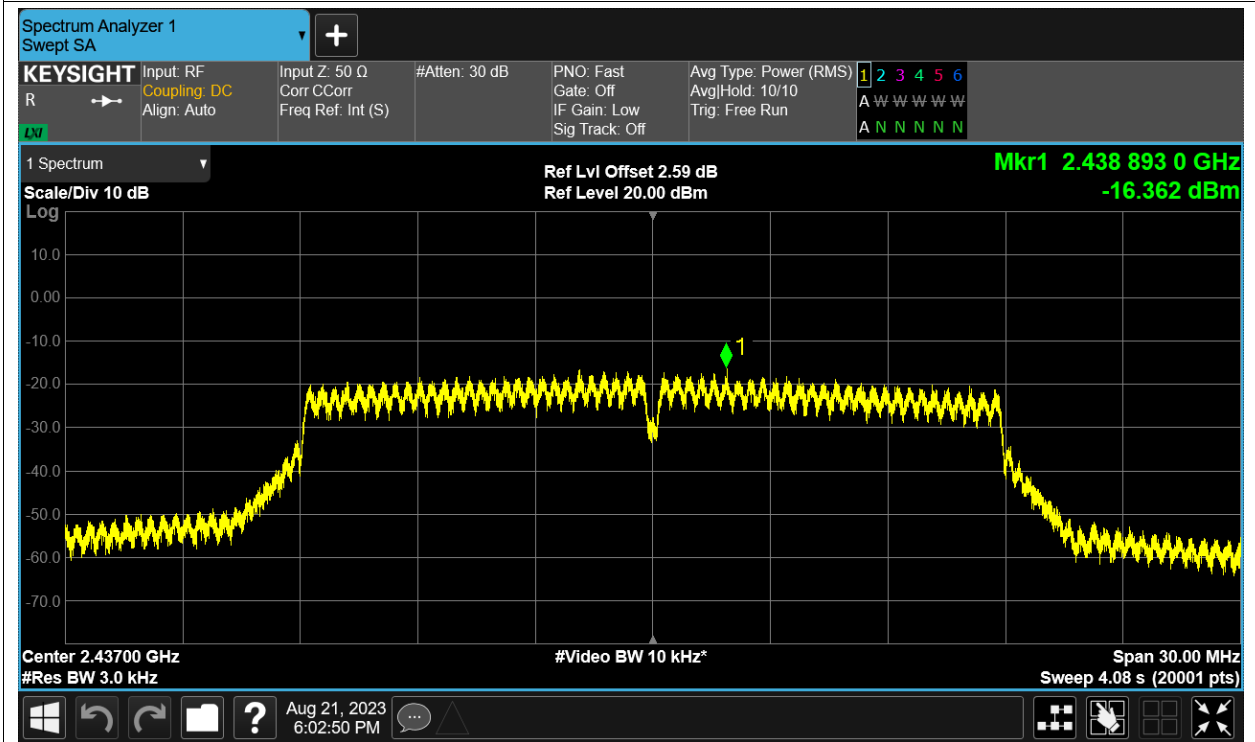
PSD NVNT g 2462MHz Ant12



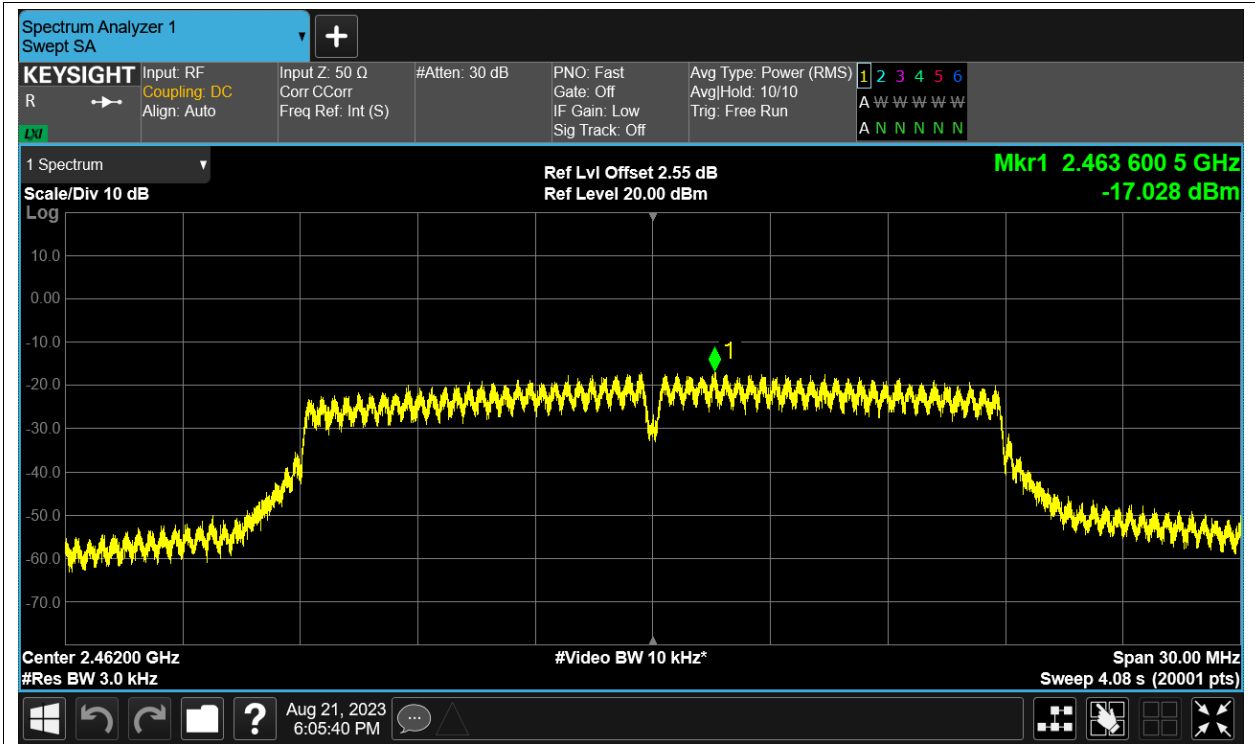
PSD NVNT n20 2412MHz Ant12



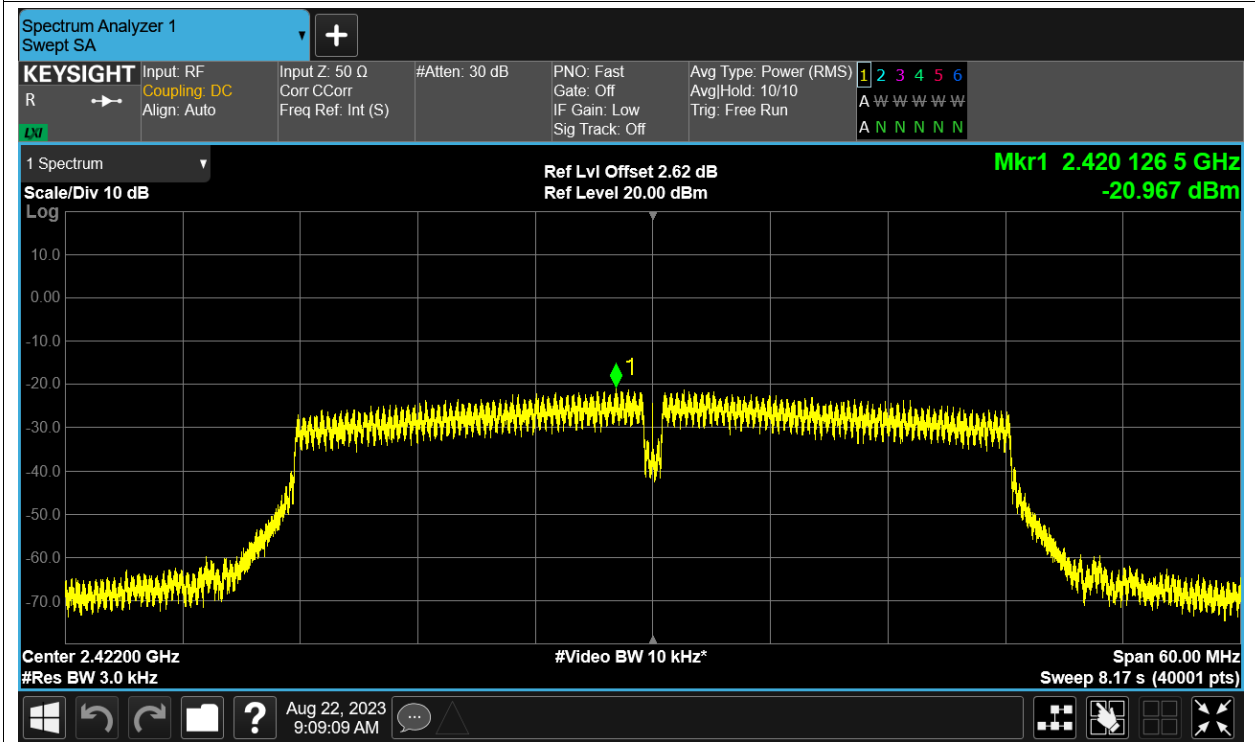
PSD NVNT n20 2437MHz Ant12



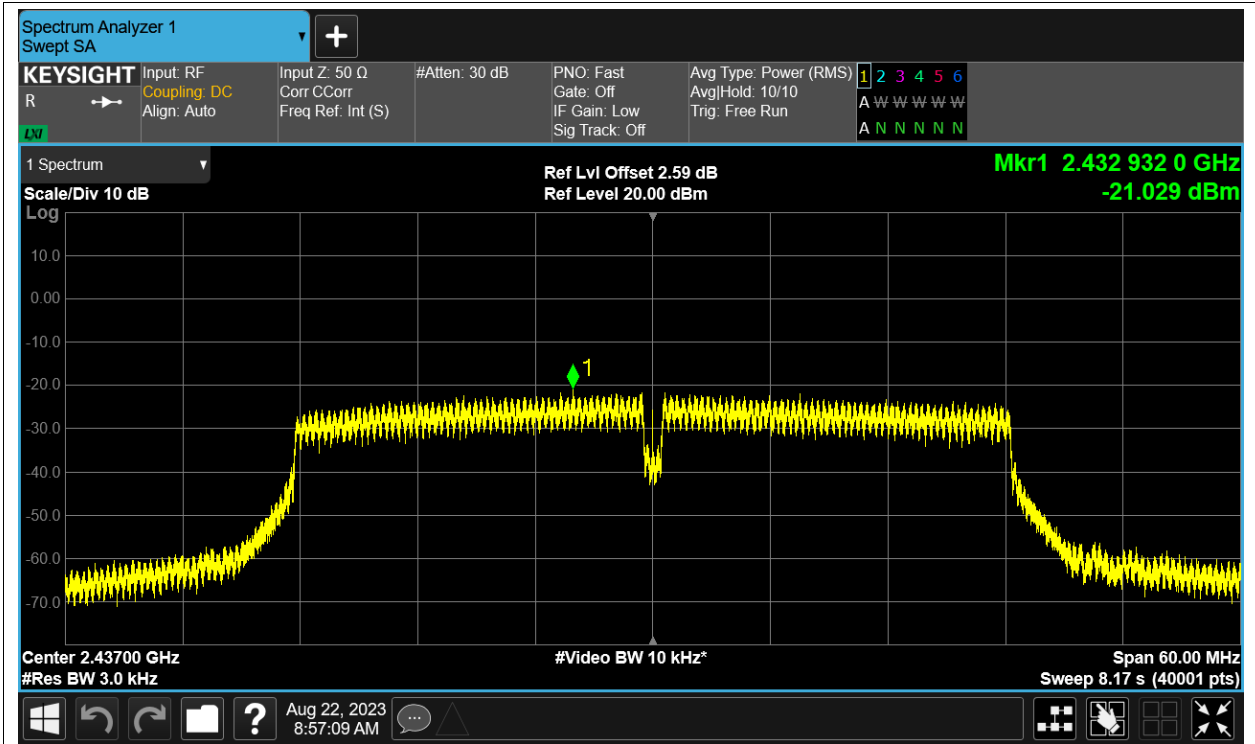
PSD NVNT n20 2462MHz Ant12



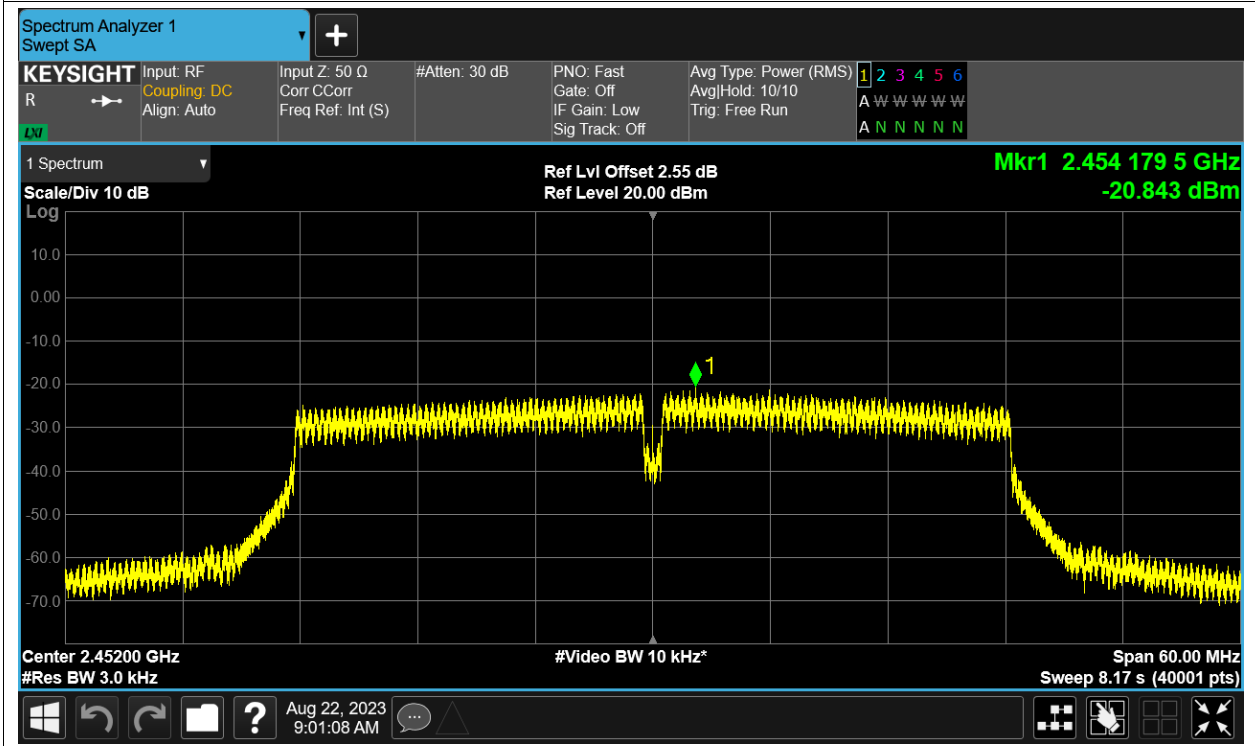
PSD NVNT n40 2422MHz Ant12



PSD NVNT n40 2437MHz Ant12



PSD NVNT n40 2452MHz Ant12

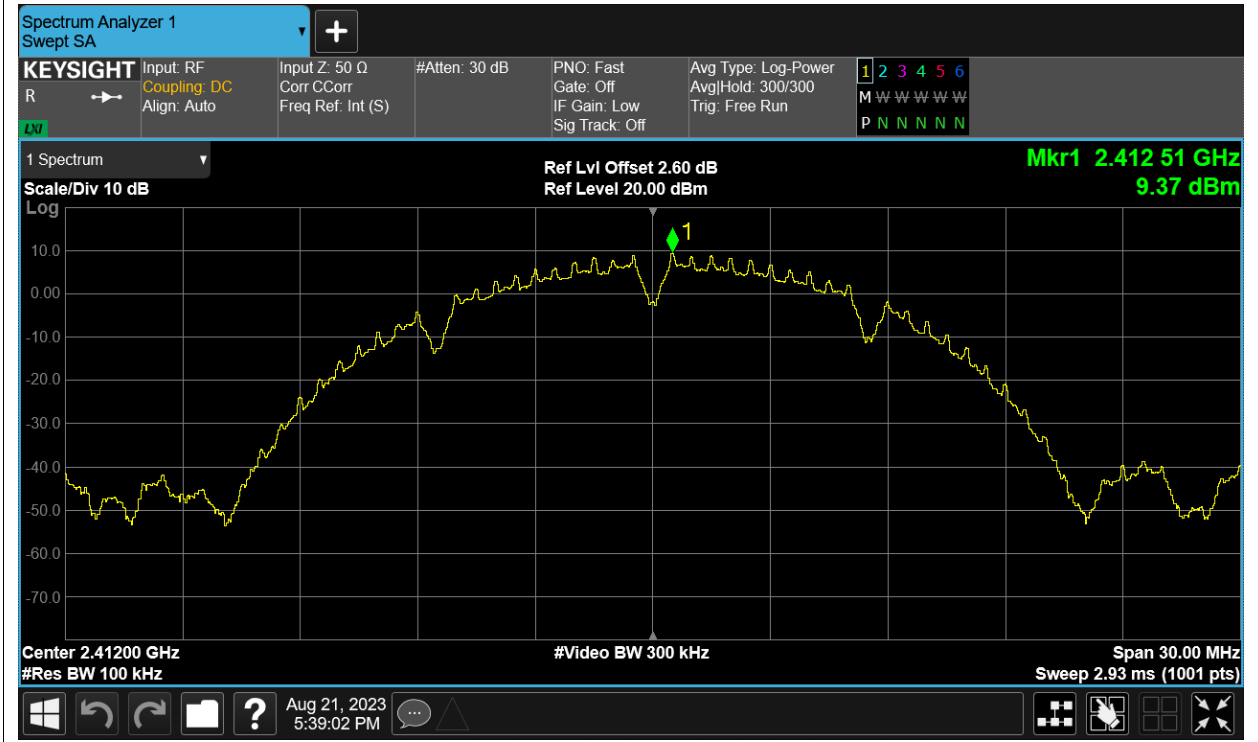


## Band Edge

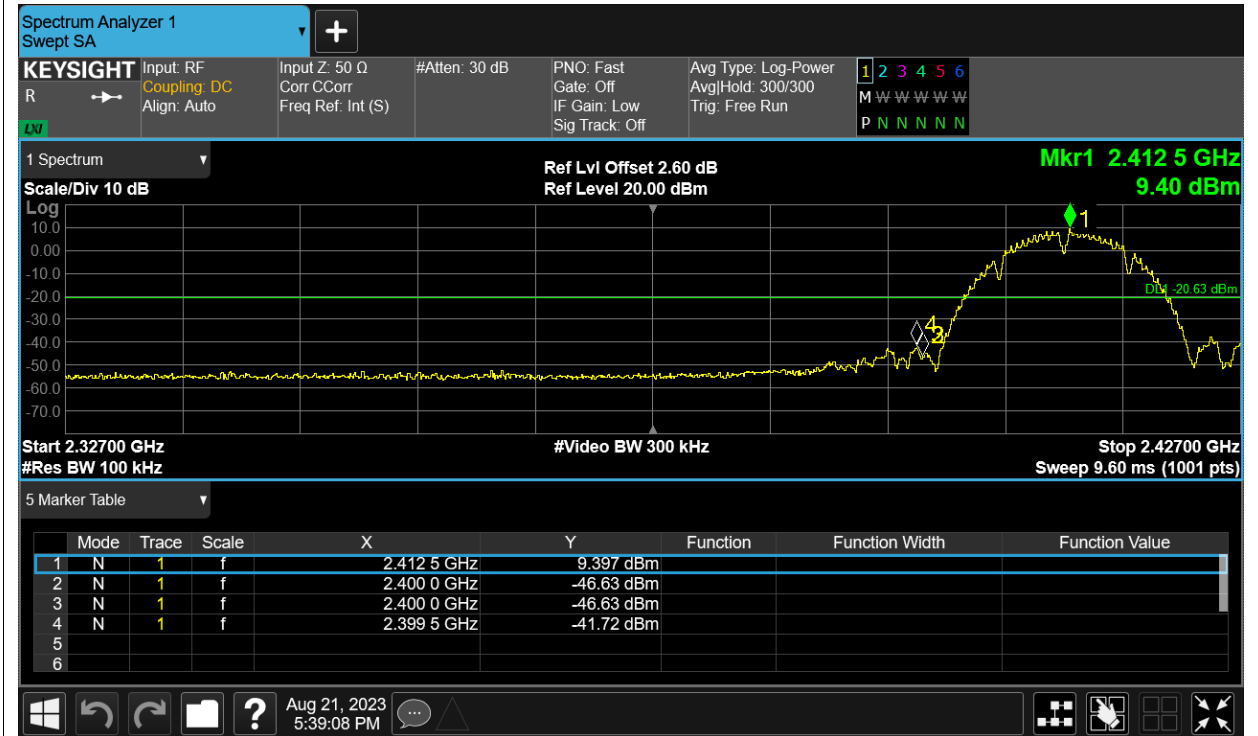
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant12	-51.09	-30	Pass
NVNT	b	2462	Ant12	-59.44	-30	Pass
NVNT	g	2412	Ant12	-36.21	-30	Pass
NVNT	g	2462	Ant12	-43.14	-30	Pass
NVNT	n20	2412	Ant12	-38.45	-30	Pass
NVNT	n20	2462	Ant12	-42.04	-30	Pass
NVNT	n40	2422	Ant12	-36.26	-30	Pass
NVNT	n40	2452	Ant12	-39.2	-30	Pass

Test Graphs

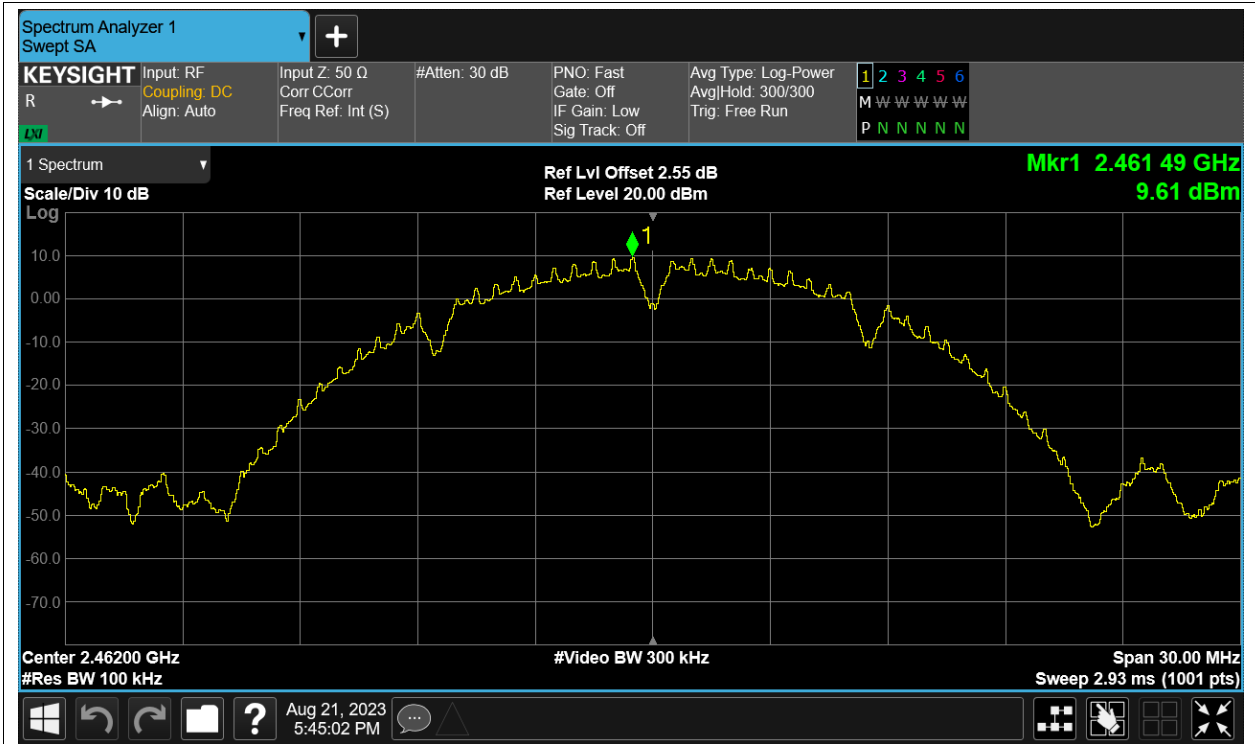
Band Edge NVNT b 2412MHz Ant12 Ref



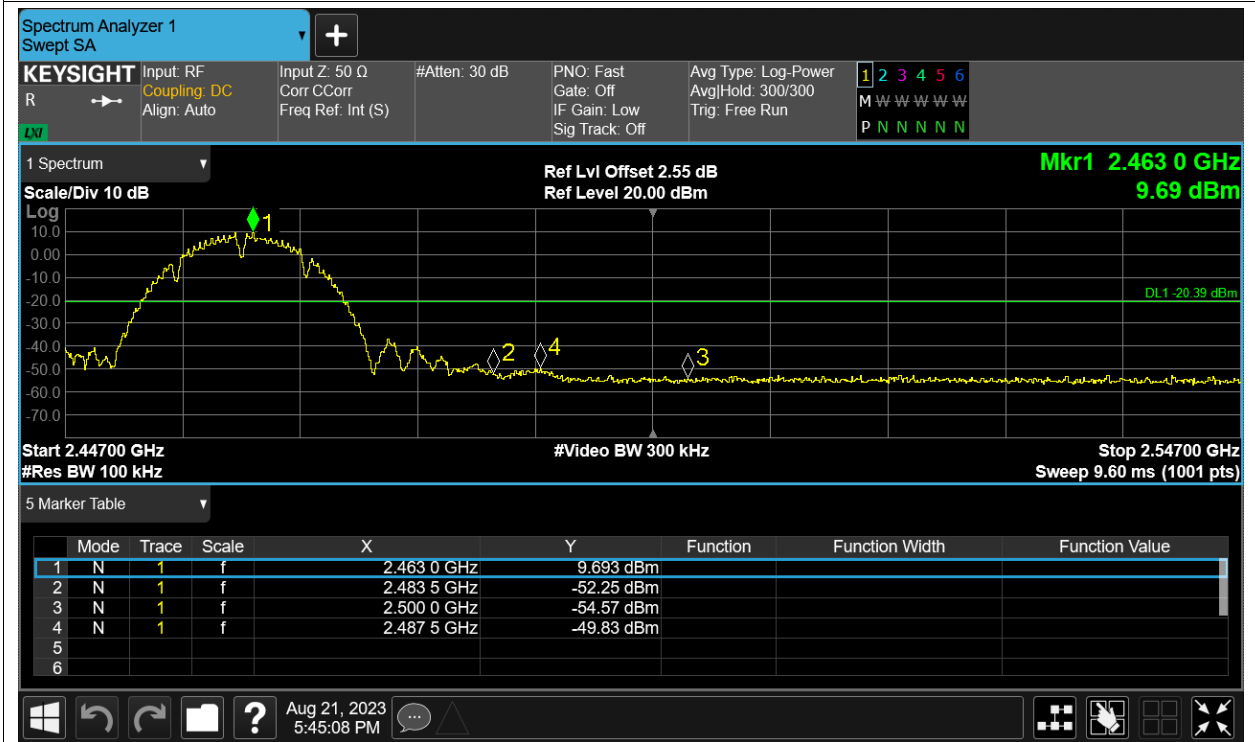
Band Edge NVNT b 2412MHz Ant12 Emission



Band Edge NVNT b 2462MHz Ant12 Ref

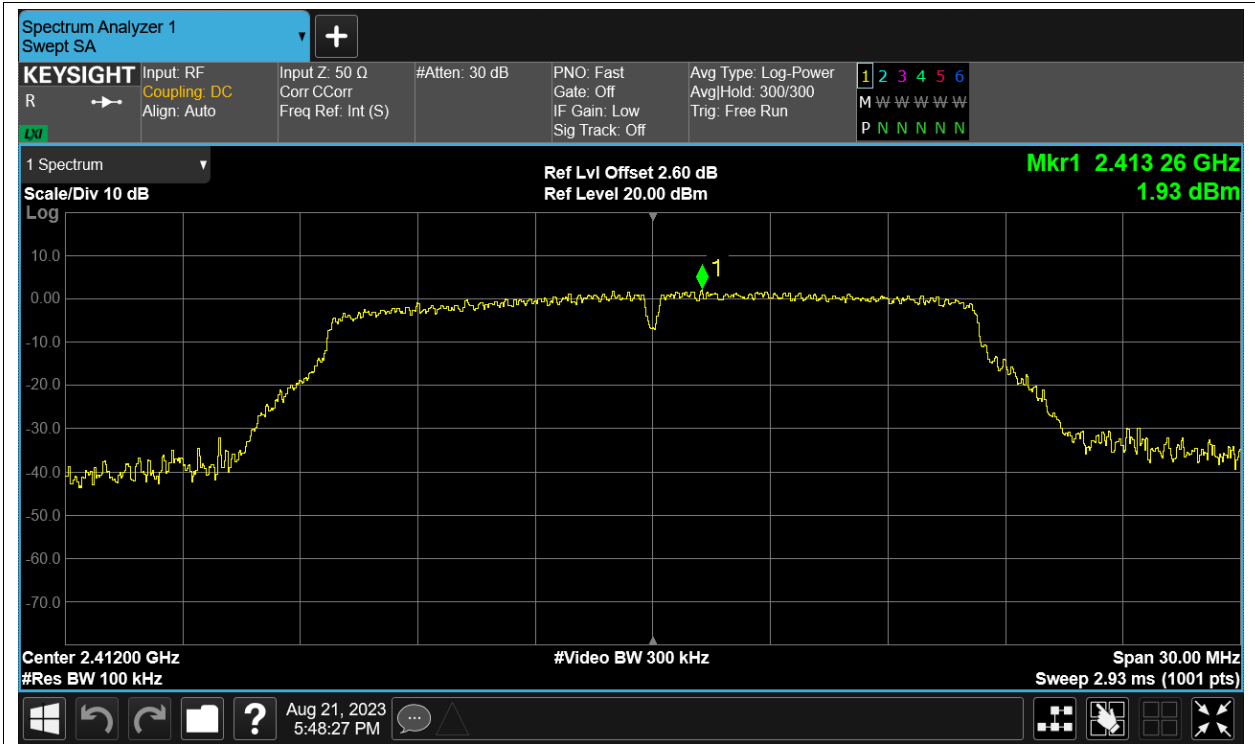


Band Edge NVNT b 2462MHz Ant12 Emission

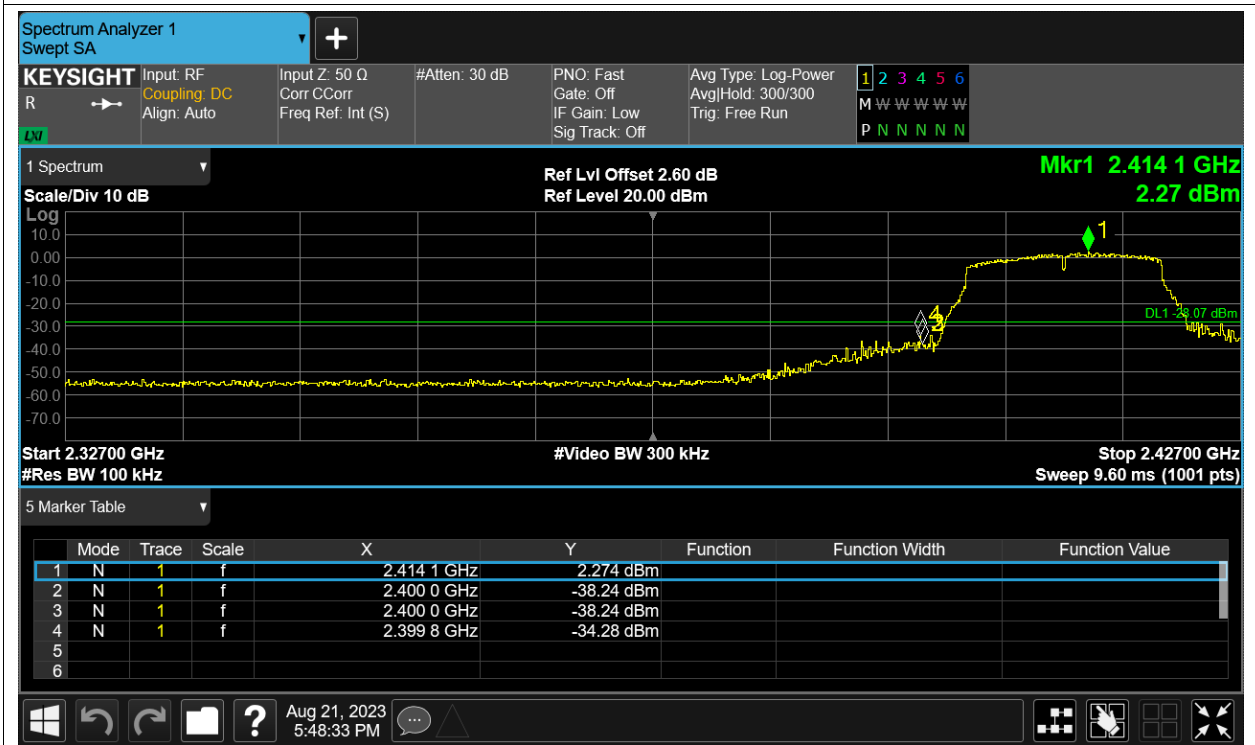


Band Edge NVNT g 2412MHz Ant12 Ref

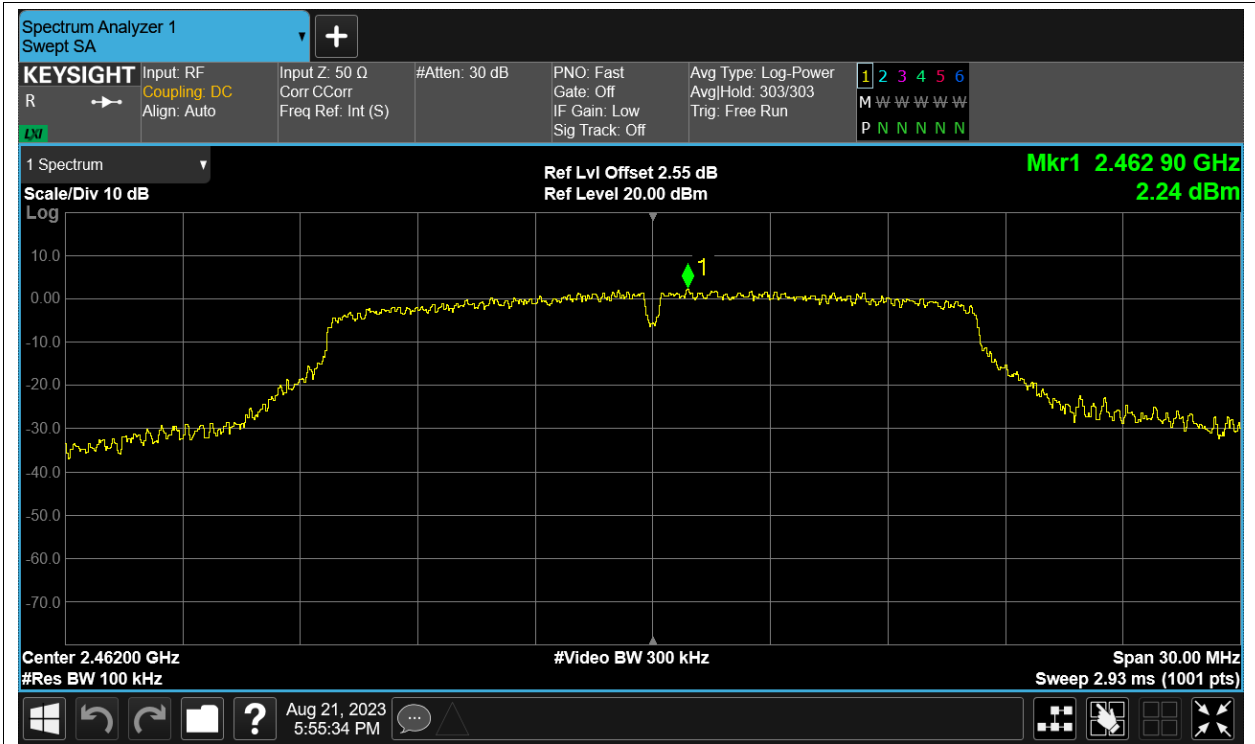




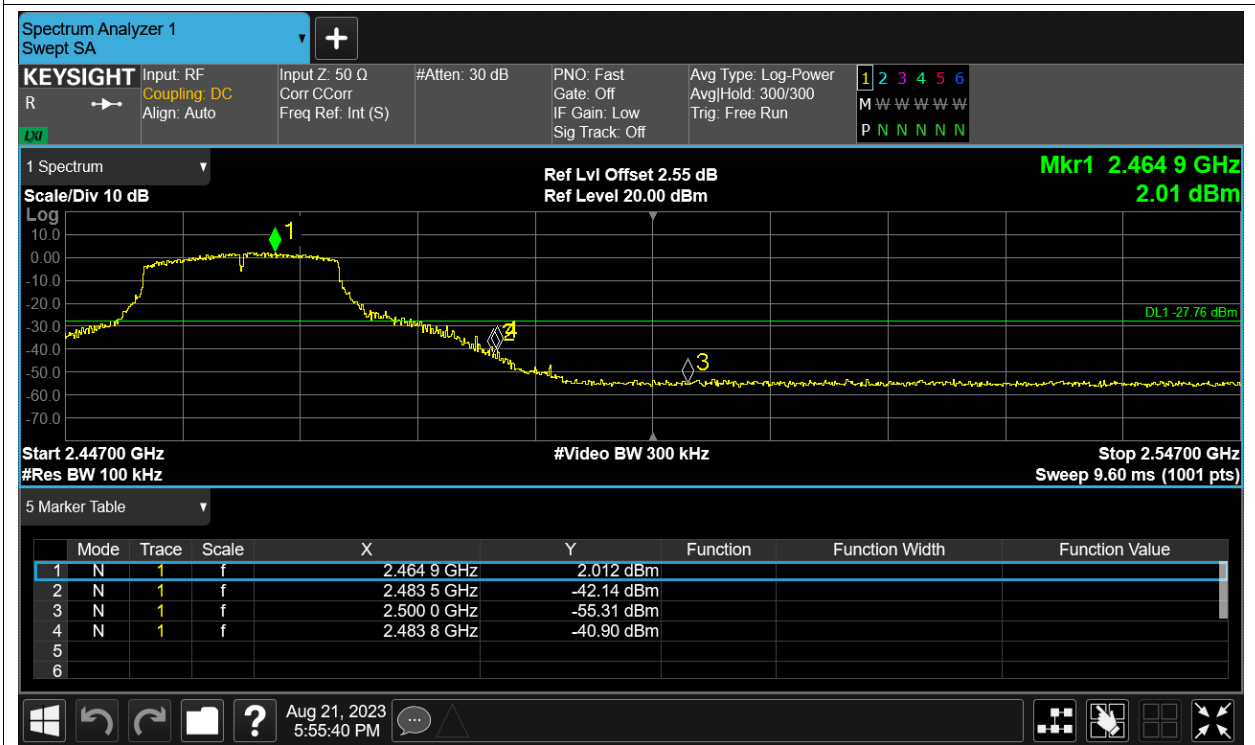
Band Edge NVNT g 2412MHz Ant12 Emission



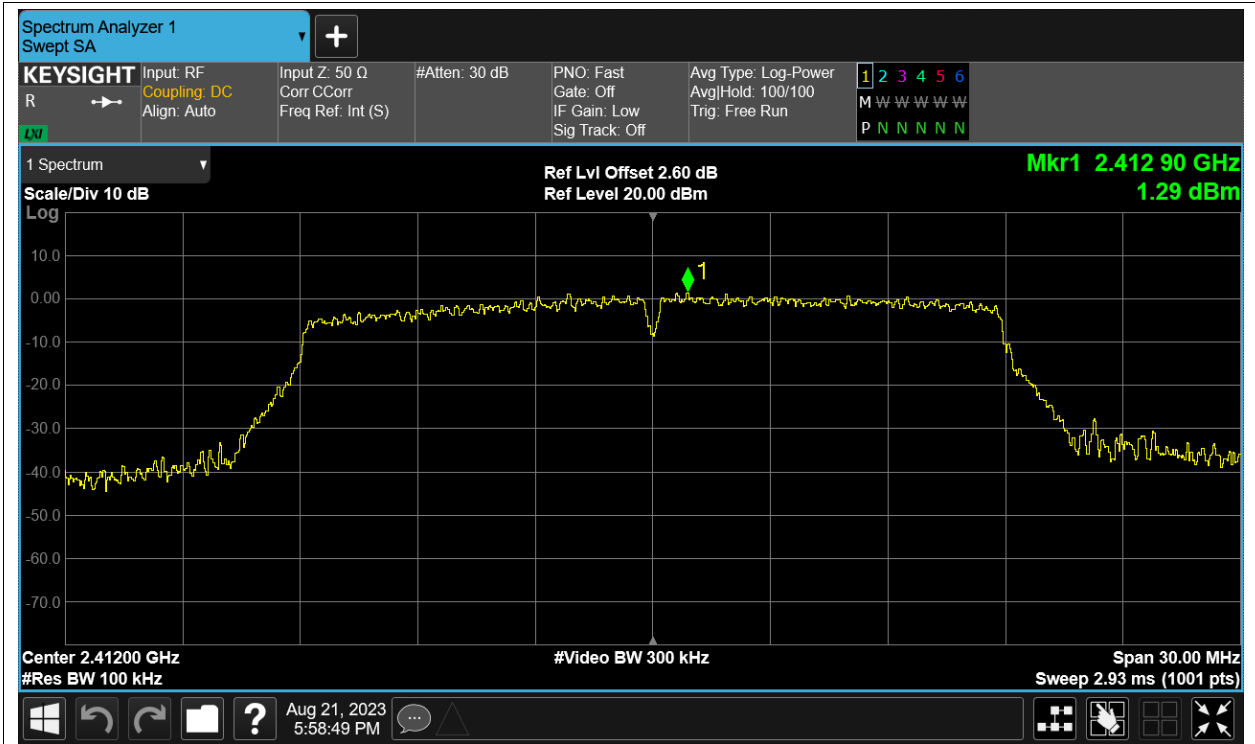
Band Edge NVNT g 2462MHz Ant12 Ref



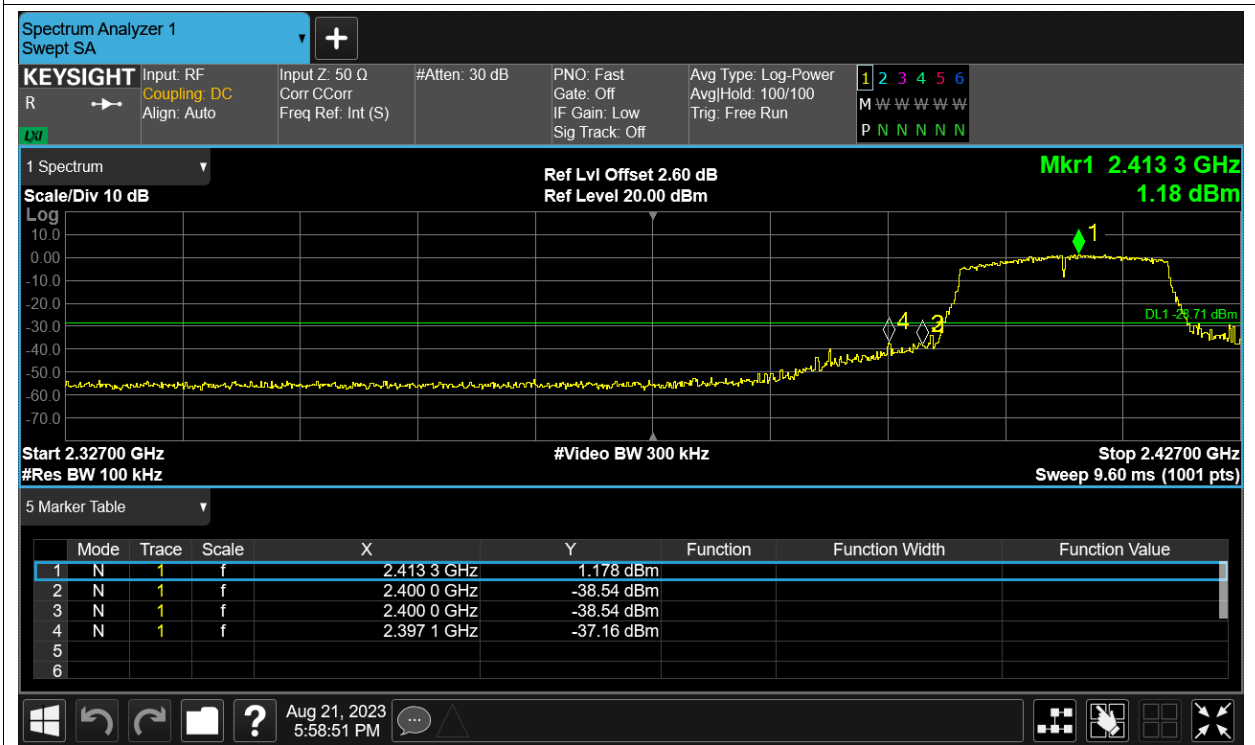
Band Edge NVNT g 2462MHz Ant12 Emission



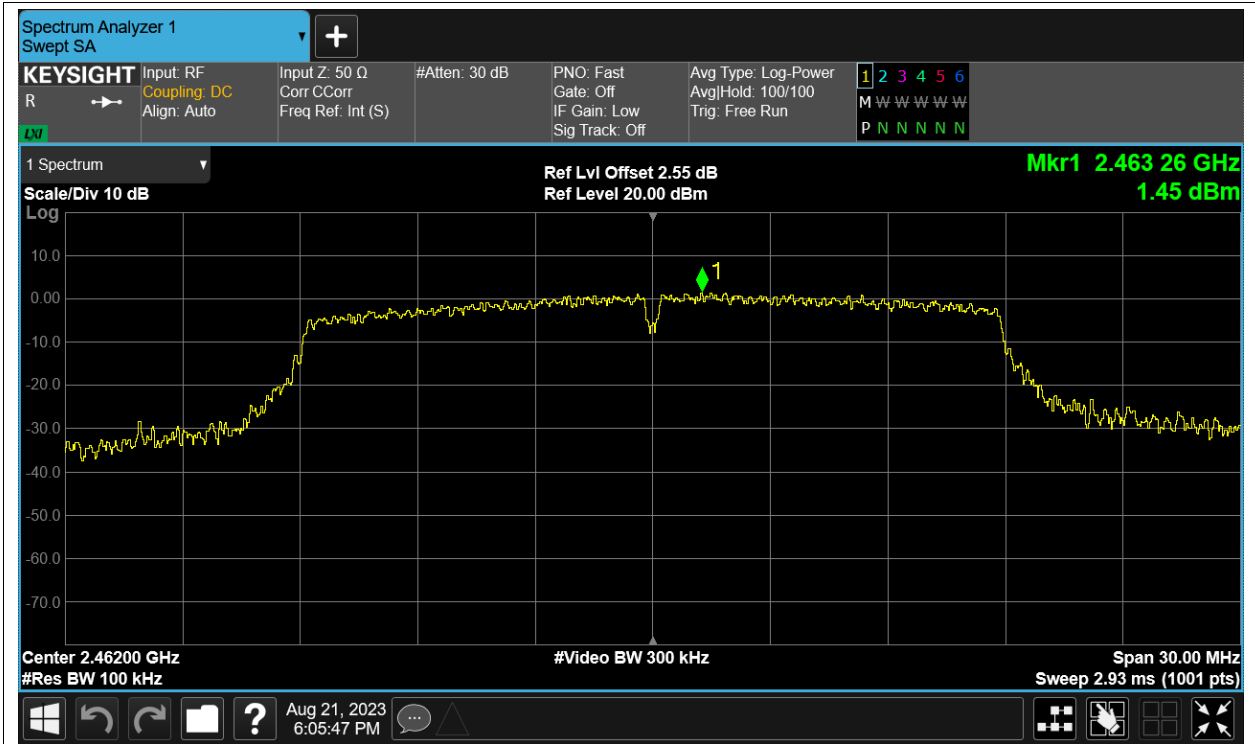
Band Edge NVNT n20 2412MHz Ant12 Ref



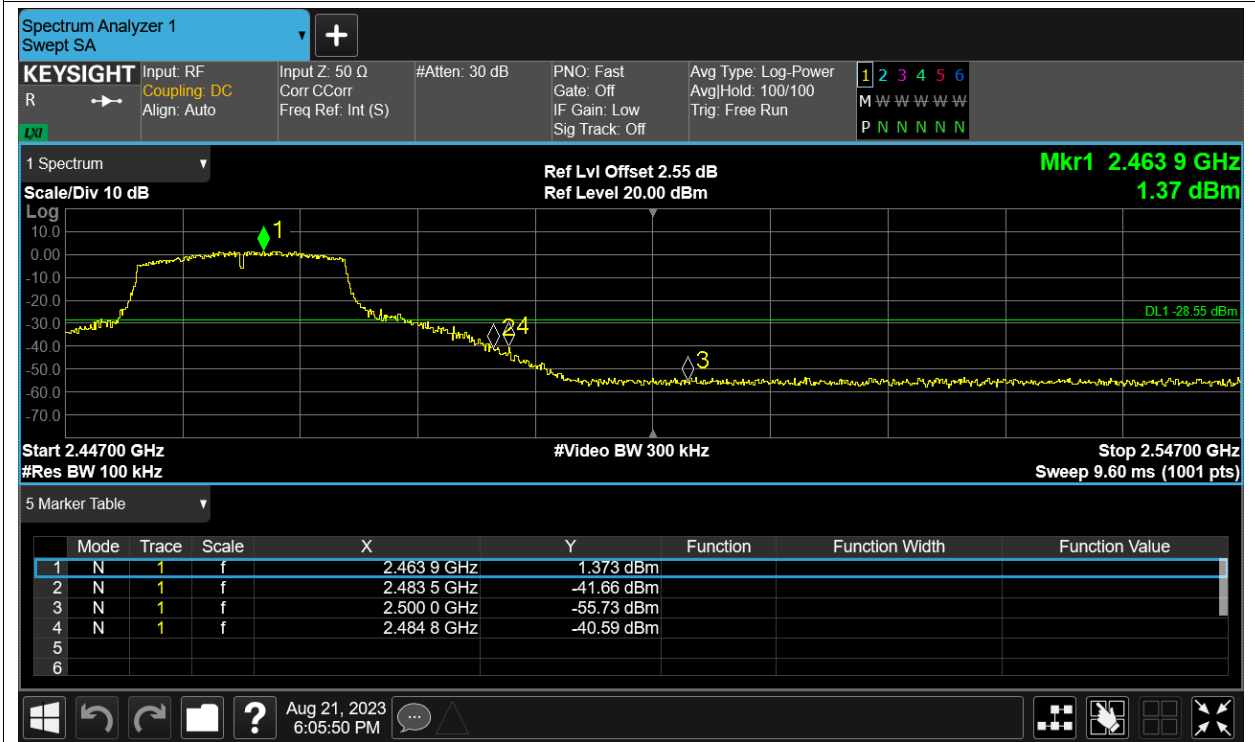
Band Edge NVNT n20 2412MHz Ant12 Emission



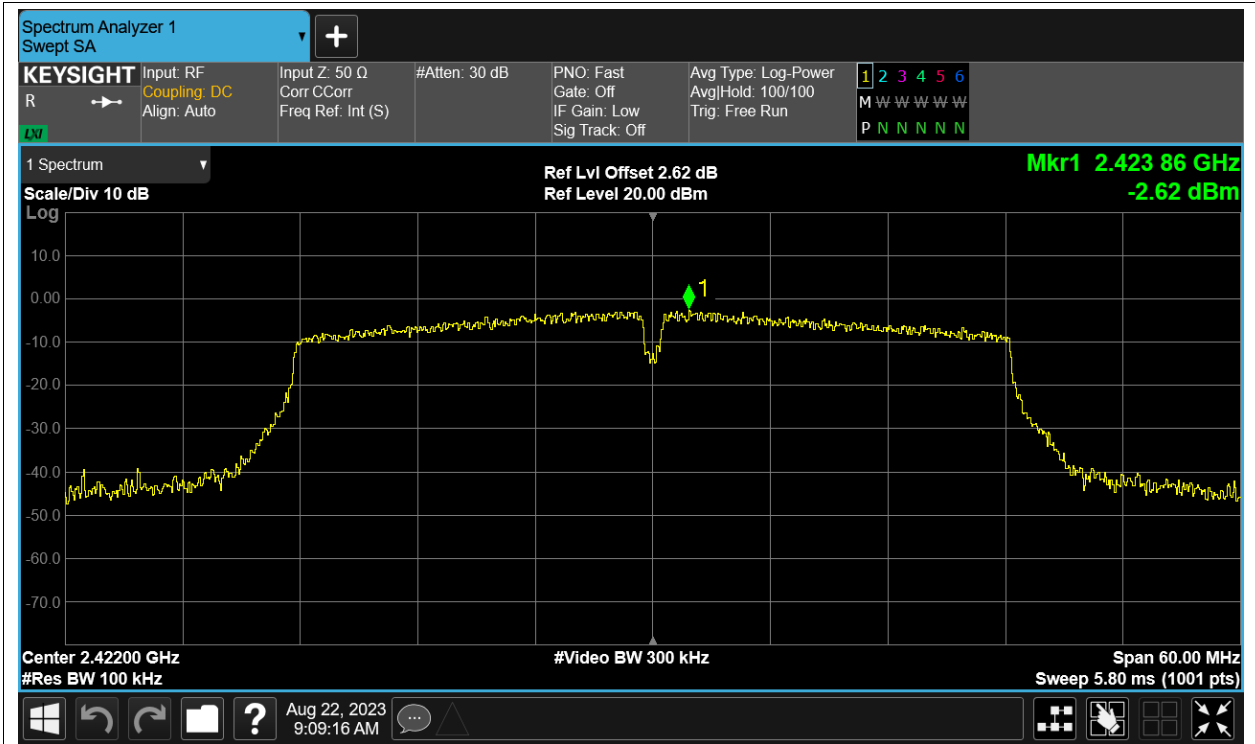
Band Edge NVNT n20 2462MHz Ant12 Ref



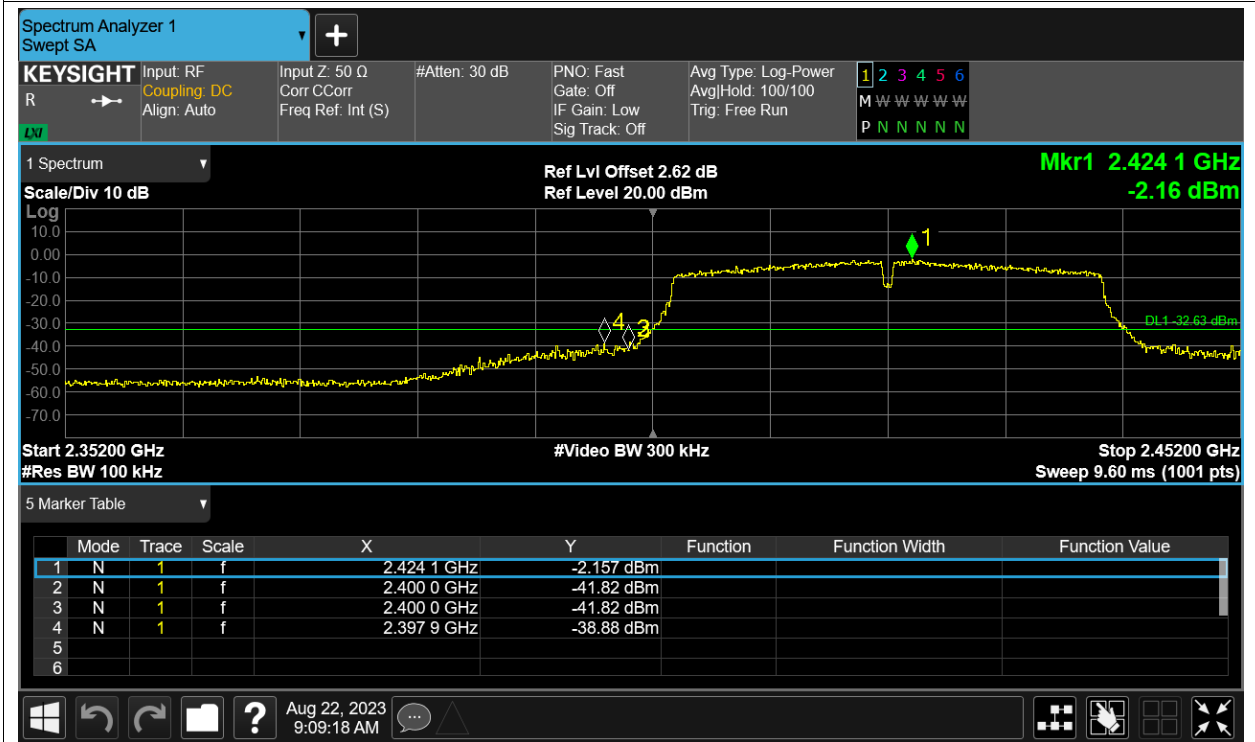
Band Edge NVNT n20 2462MHz Ant12 Emission



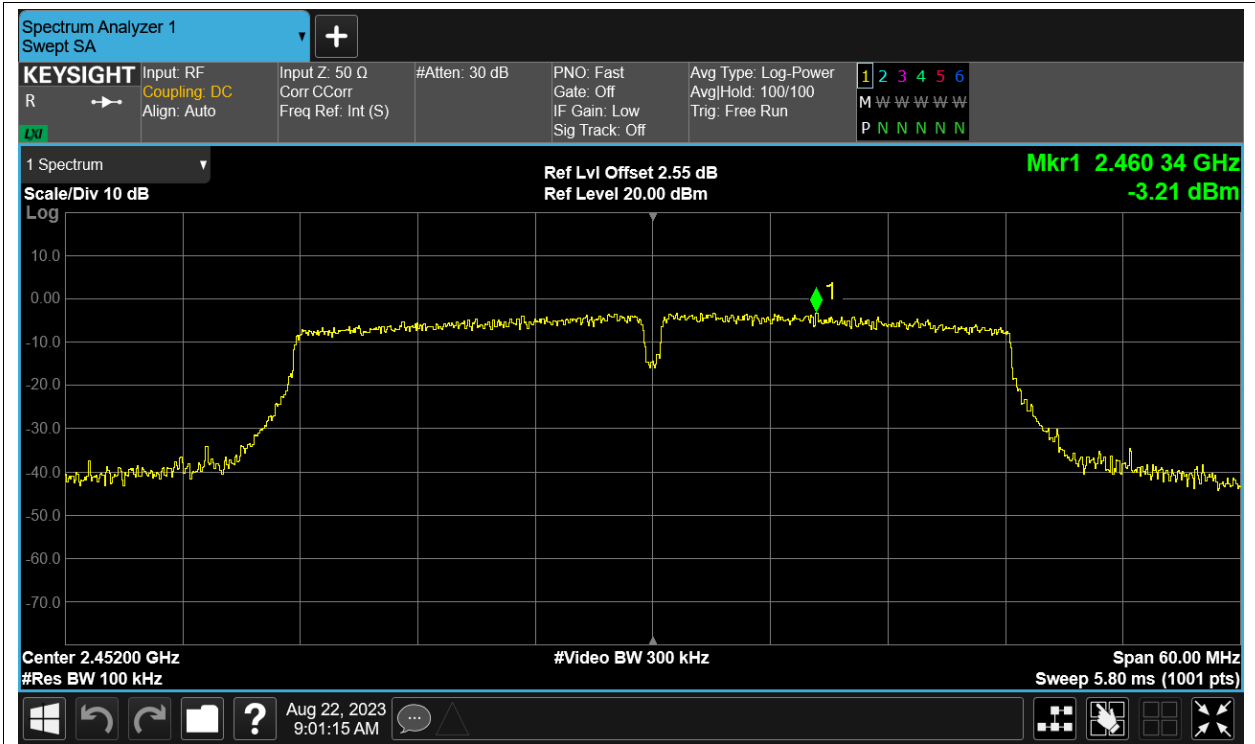
Band Edge NVNT n40 2422MHz Ant12 Ref



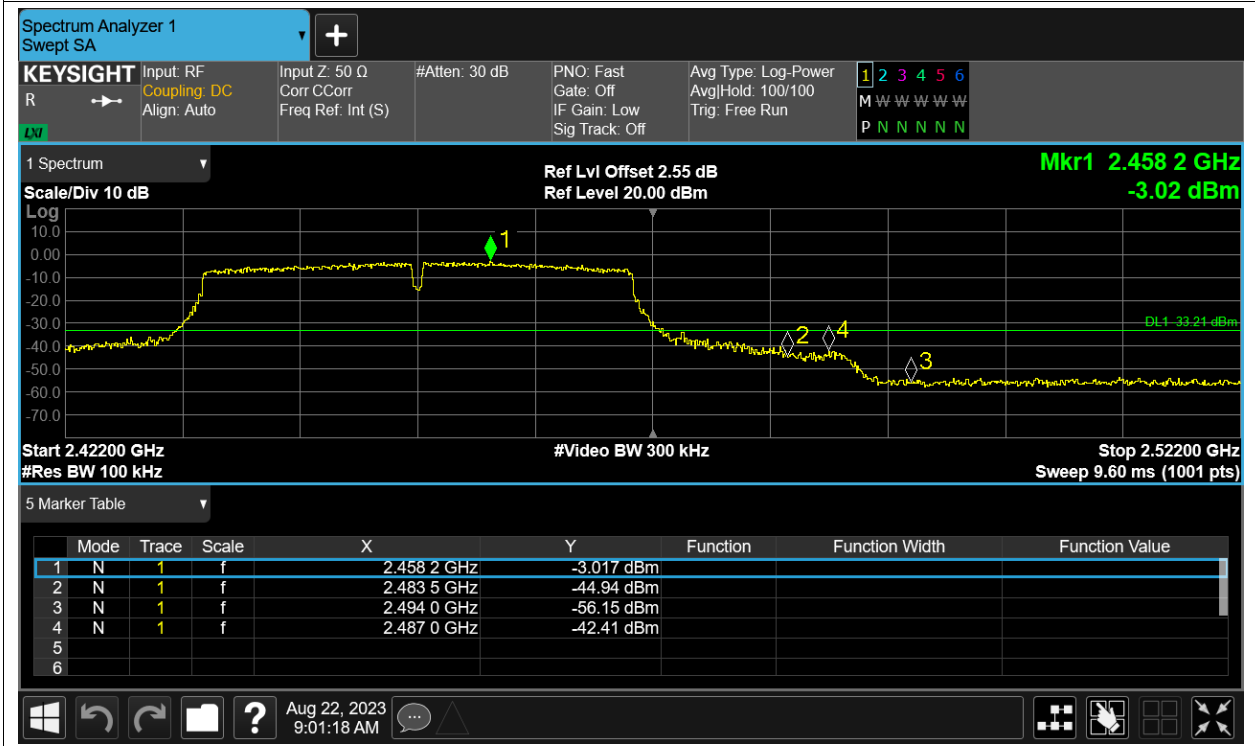
Band Edge NVNT n40 2422MHz Ant12 Emission



Band Edge NVNT n40 2452MHz Ant12 Ref



Band Edge NVNT n40 2452MHz Ant12 Emission

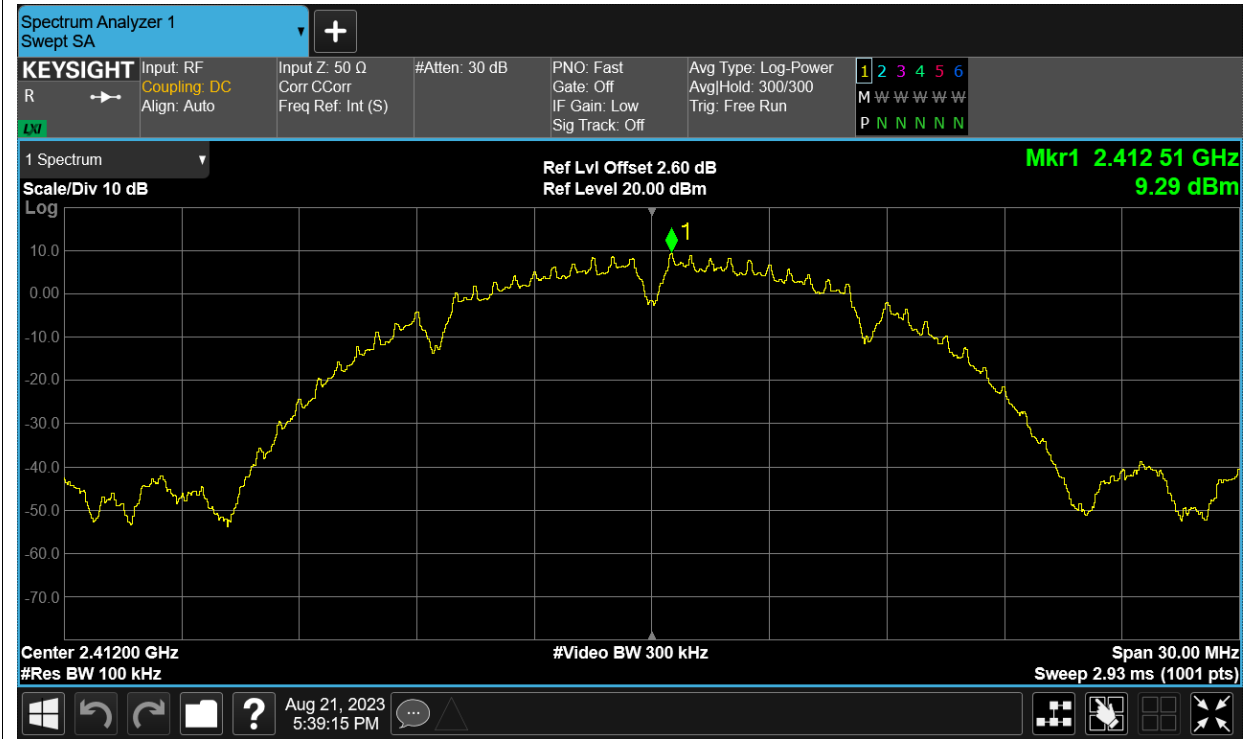


## Conducted RF Spurious Emission

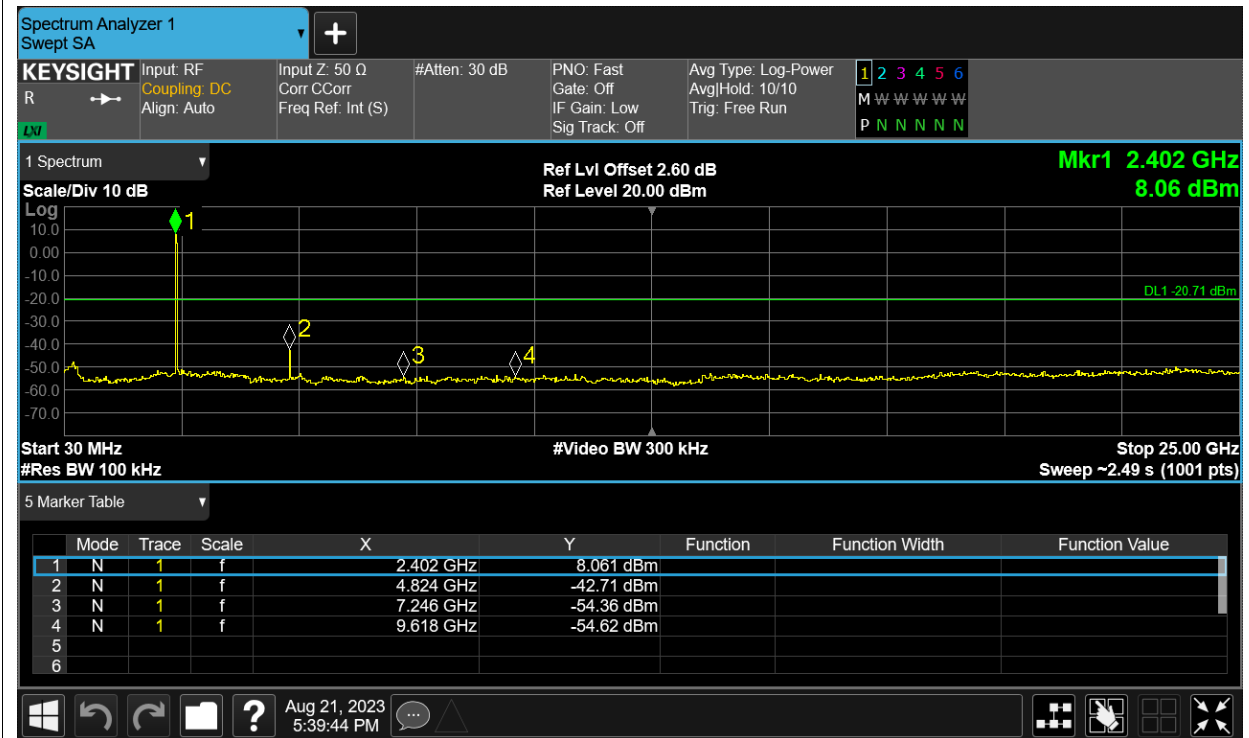
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant12	-52	-30	Pass
NVNT	b	2437	Ant12	-56.26	-30	Pass
NVNT	b	2462	Ant12	-52.01	-30	Pass
NVNT	g	2412	Ant12	-48.89	-30	Pass
NVNT	g	2437	Ant12	-49.28	-30	Pass
NVNT	g	2462	Ant12	-50.28	-30	Pass
NVNT	n20	2412	Ant12	-49.04	-30	Pass
NVNT	n20	2437	Ant12	-49.49	-30	Pass
NVNT	n20	2462	Ant12	-50.05	-30	Pass
NVNT	n40	2422	Ant12	-45.6	-30	Pass
NVNT	n40	2437	Ant12	-45.75	-30	Pass
NVNT	n40	2452	Ant12	-45.93	-30	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant12 Ref

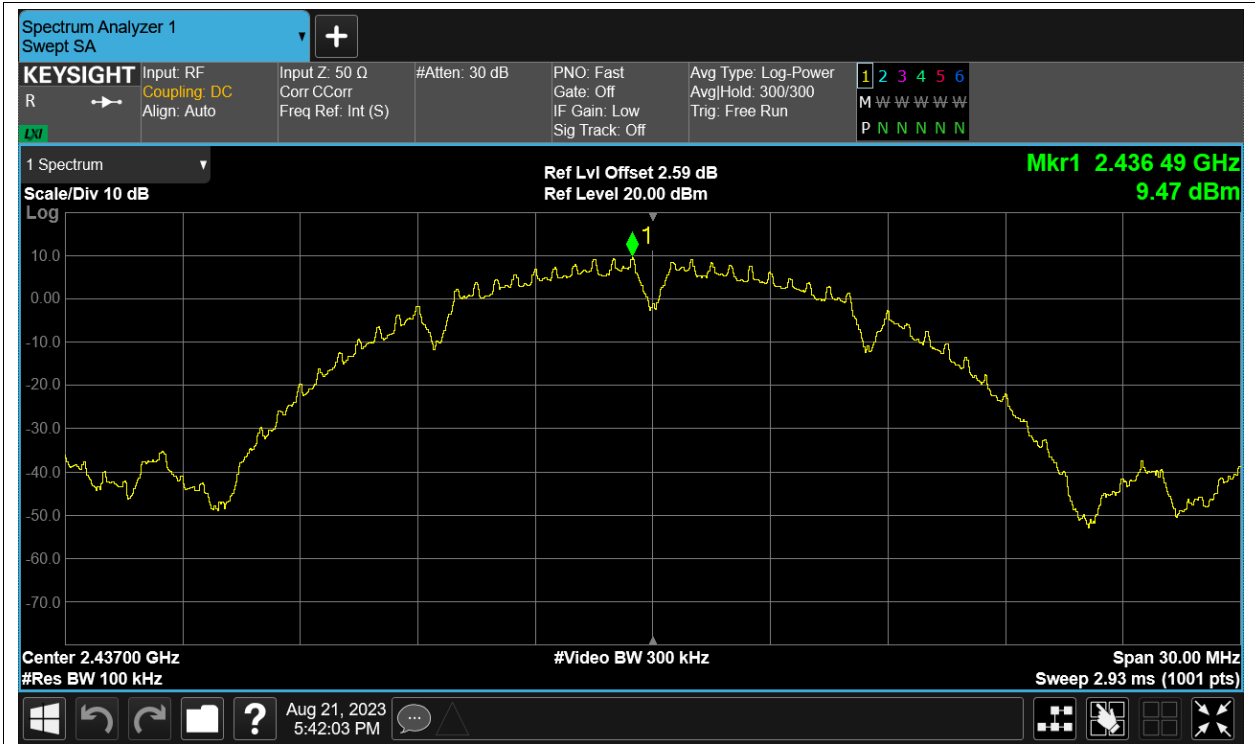


Tx. Spurious NVNT b 2412MHz Ant12 Emission

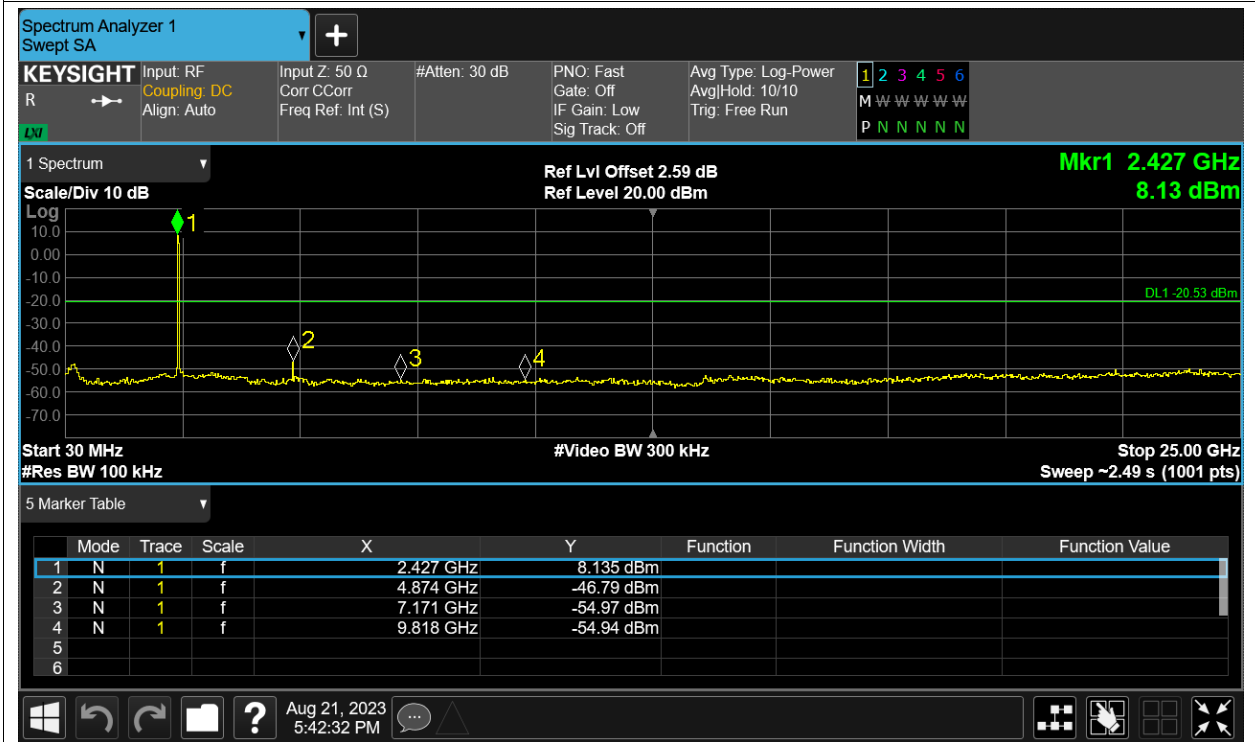


Tx. Spurious NVNT b 2437MHz Ant12 Ref

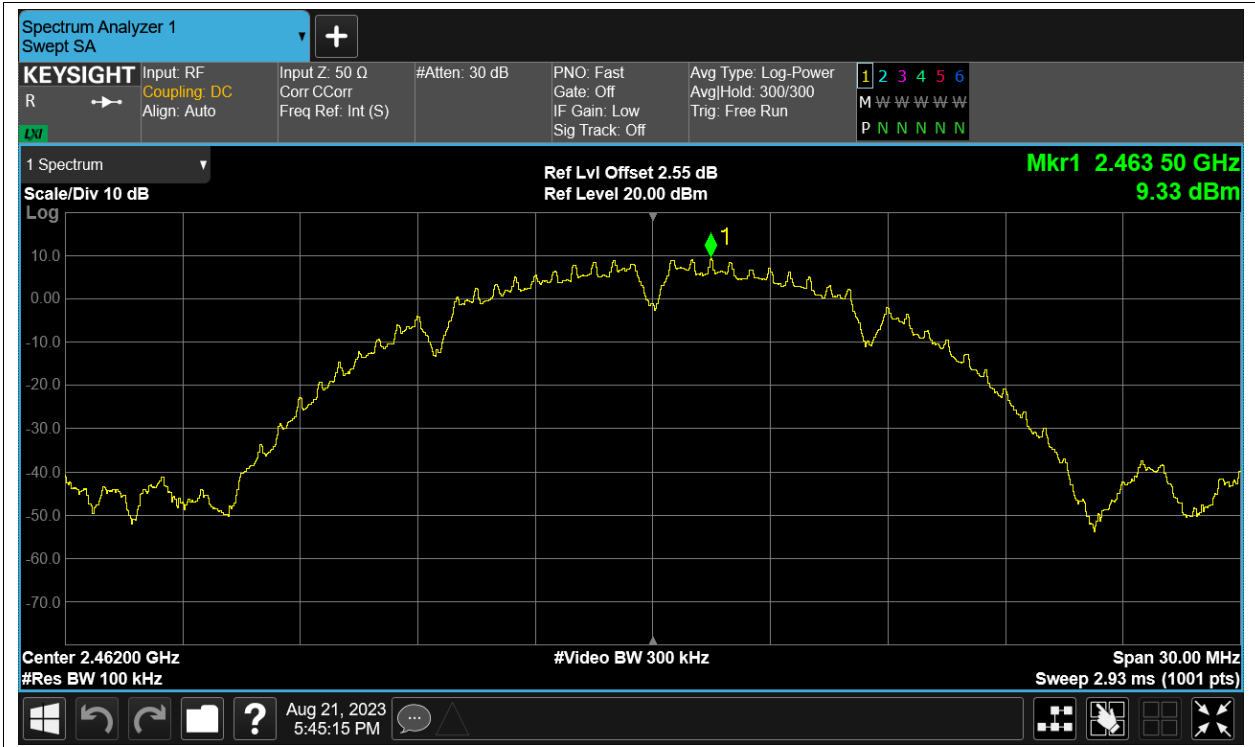




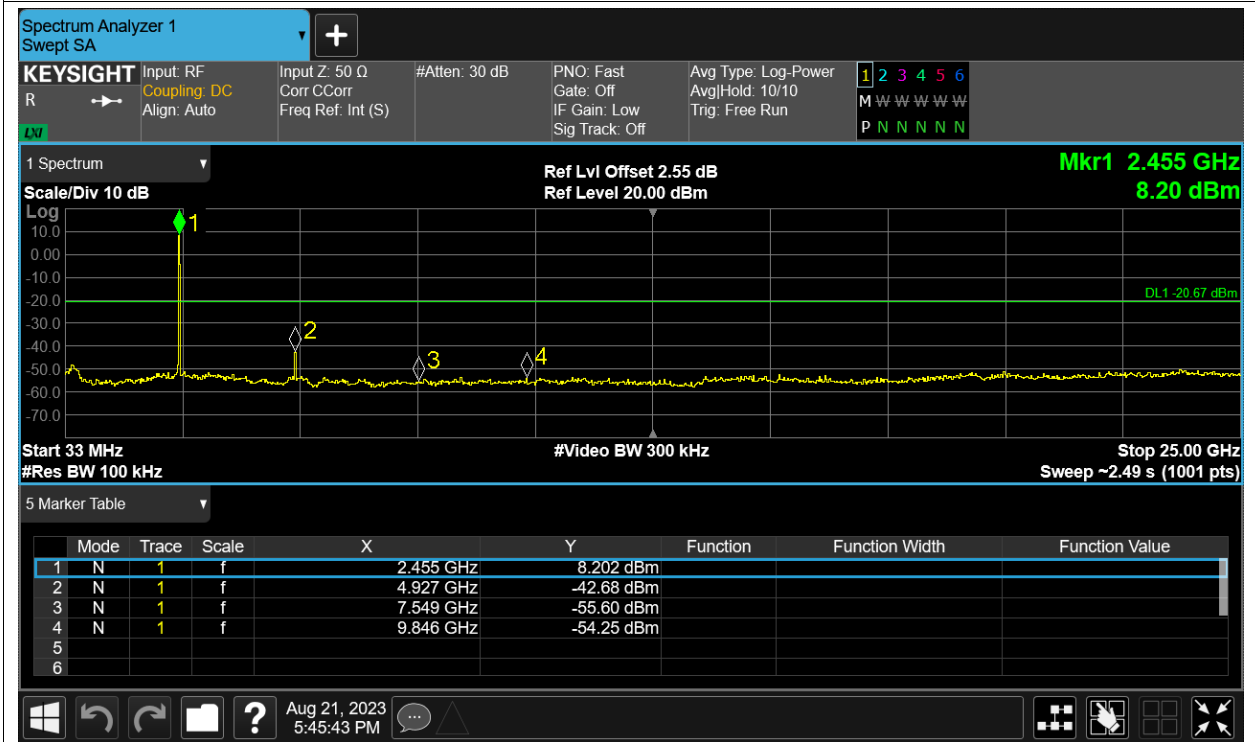
Tx. Spurious NVNT b 2437MHz Ant12 Emission



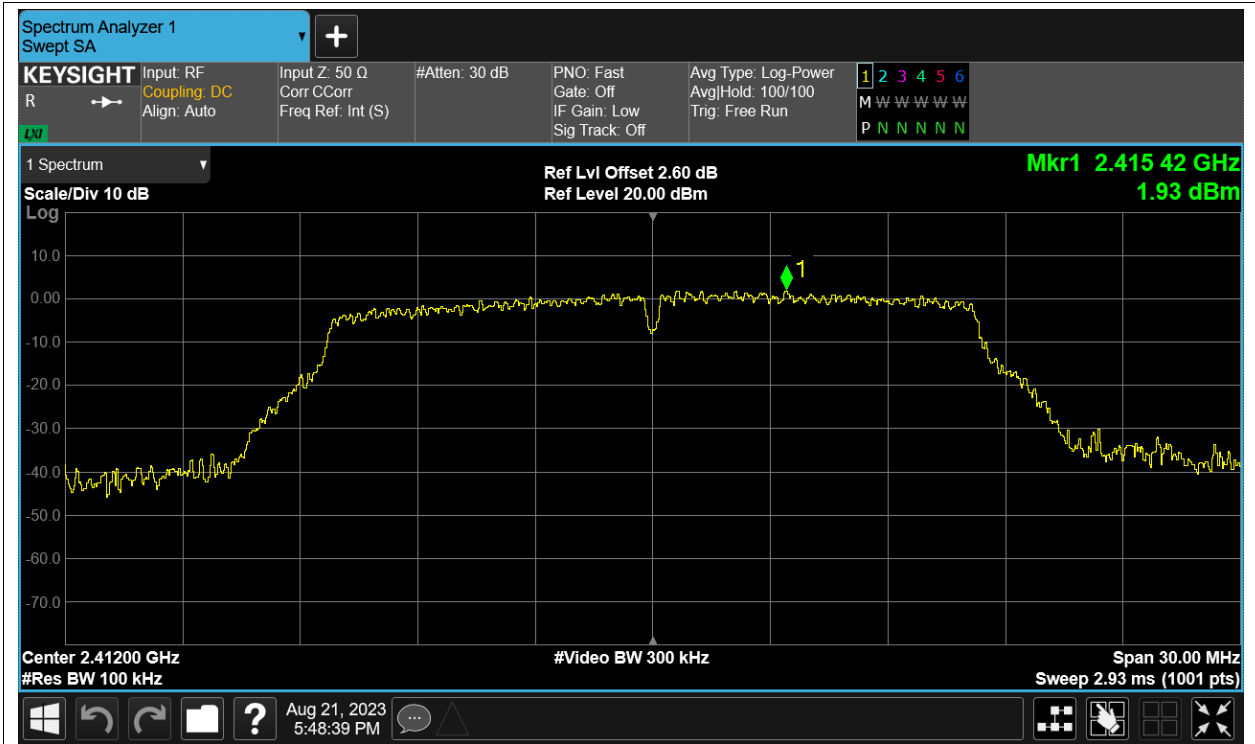
Tx. Spurious NVNT b 2462MHz Ant12 Ref



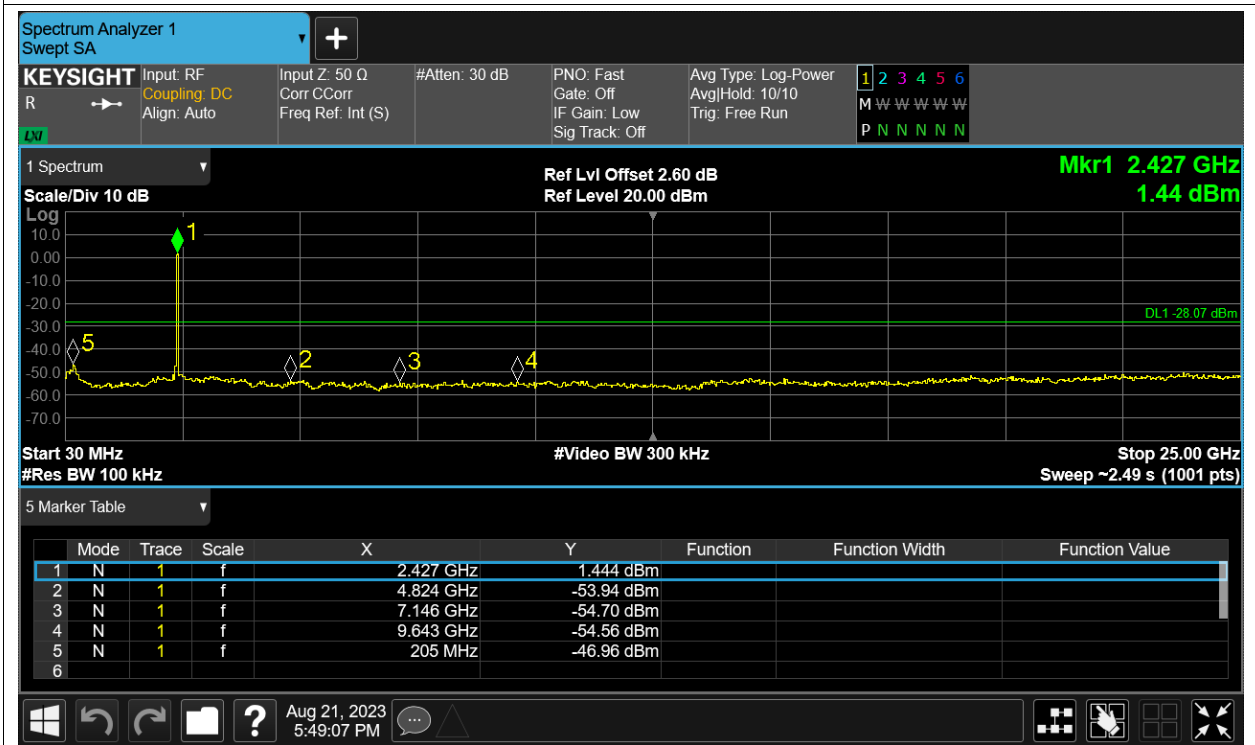
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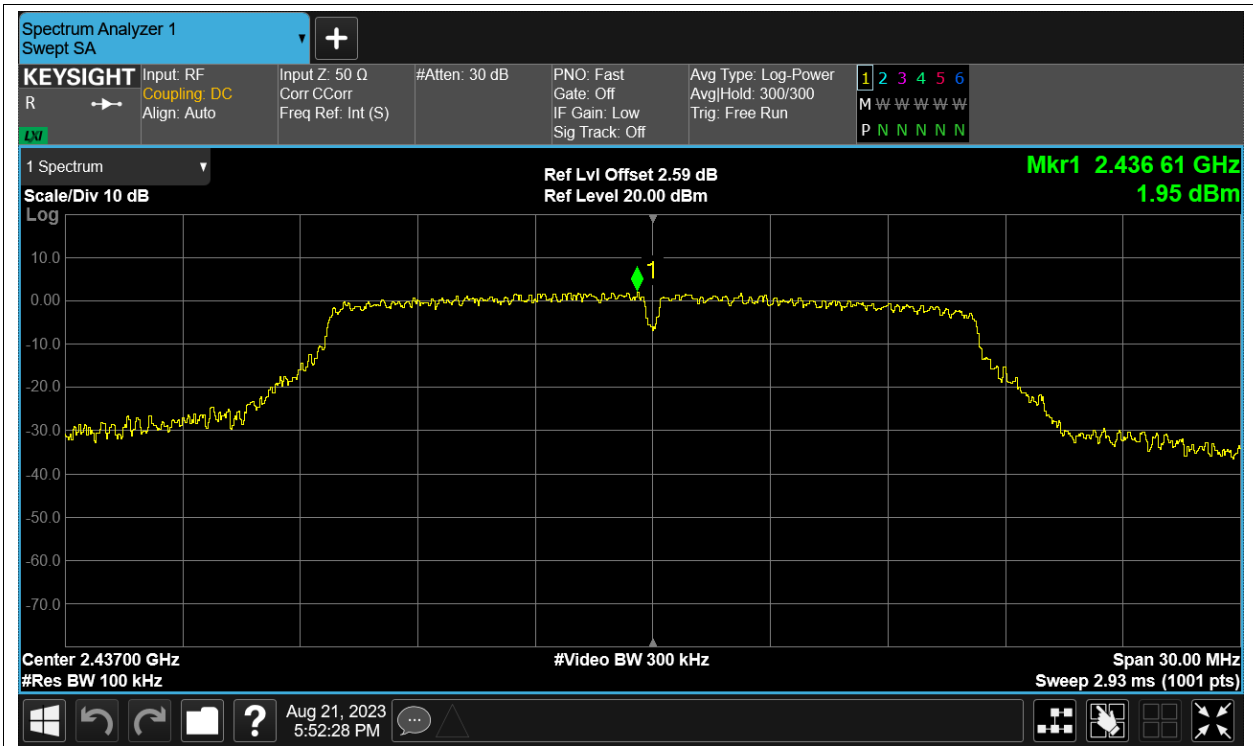
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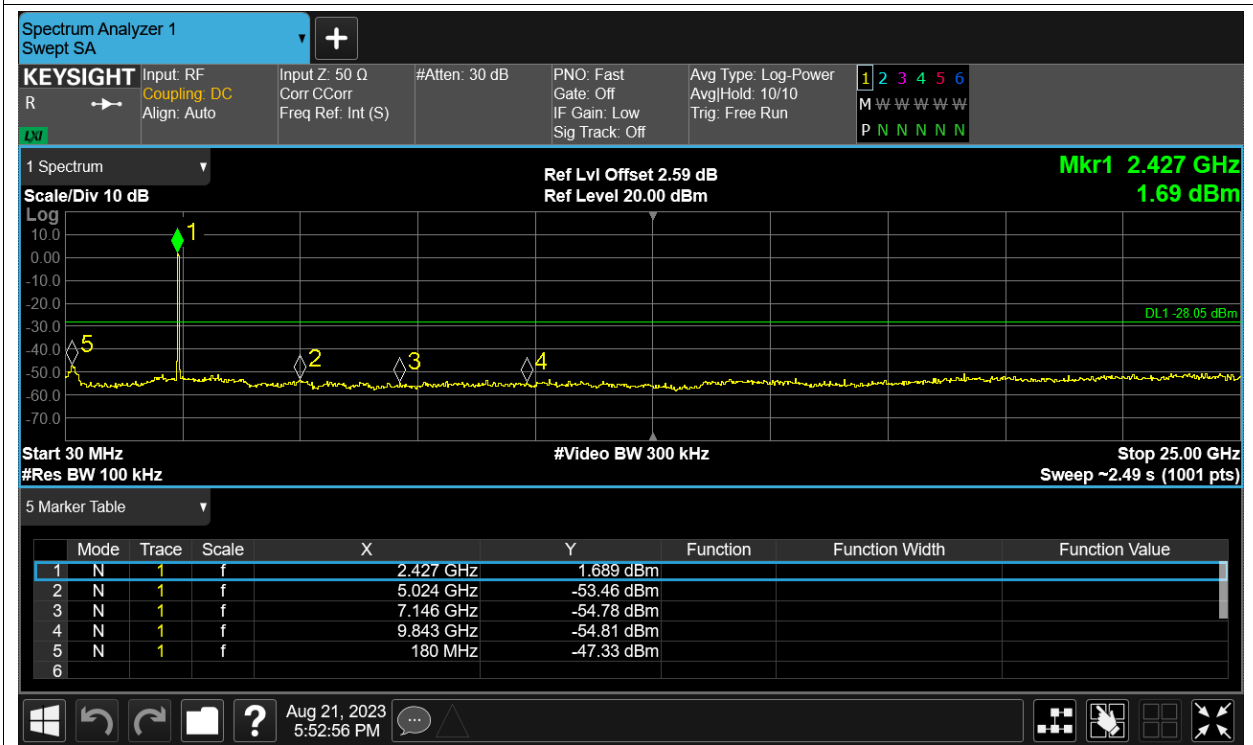
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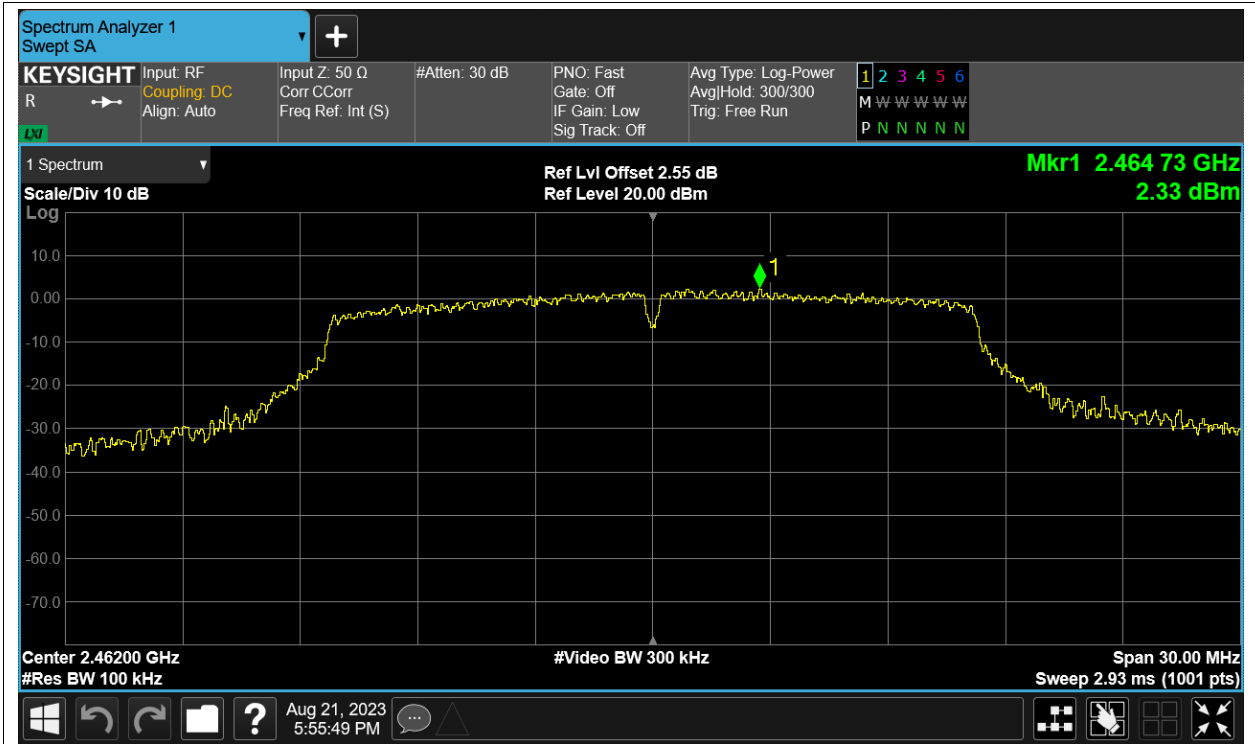
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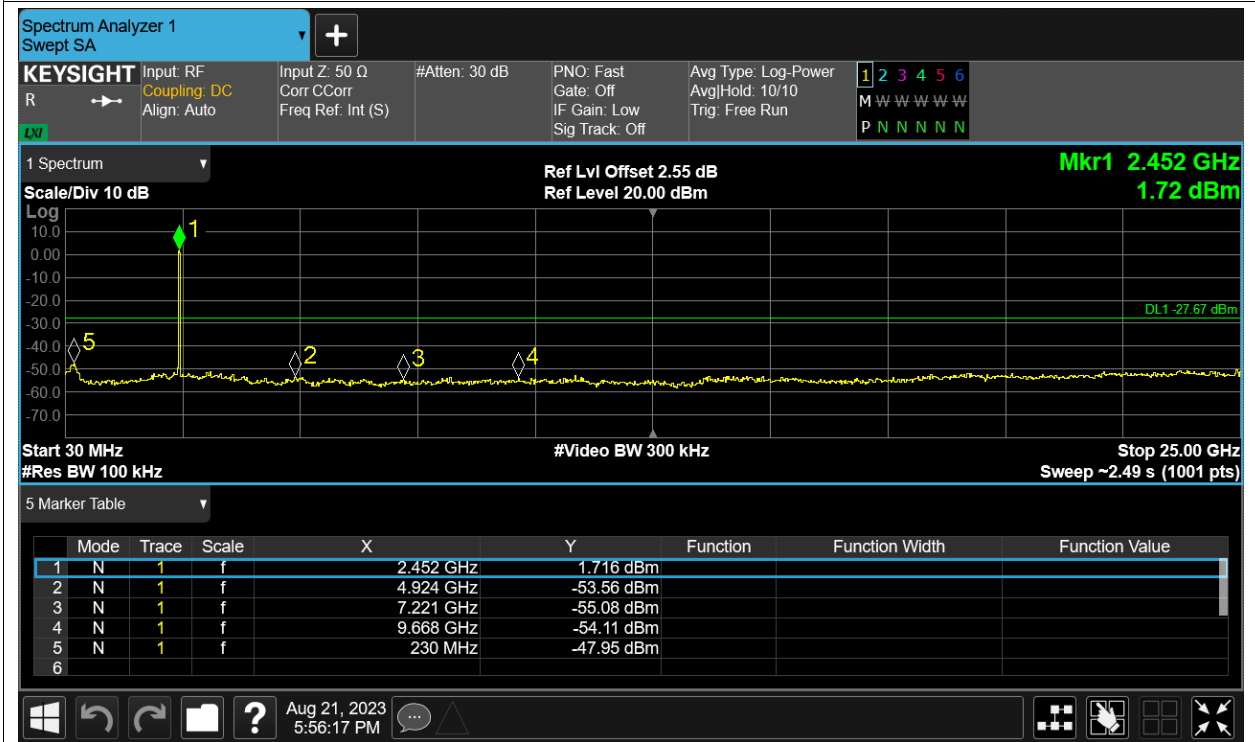
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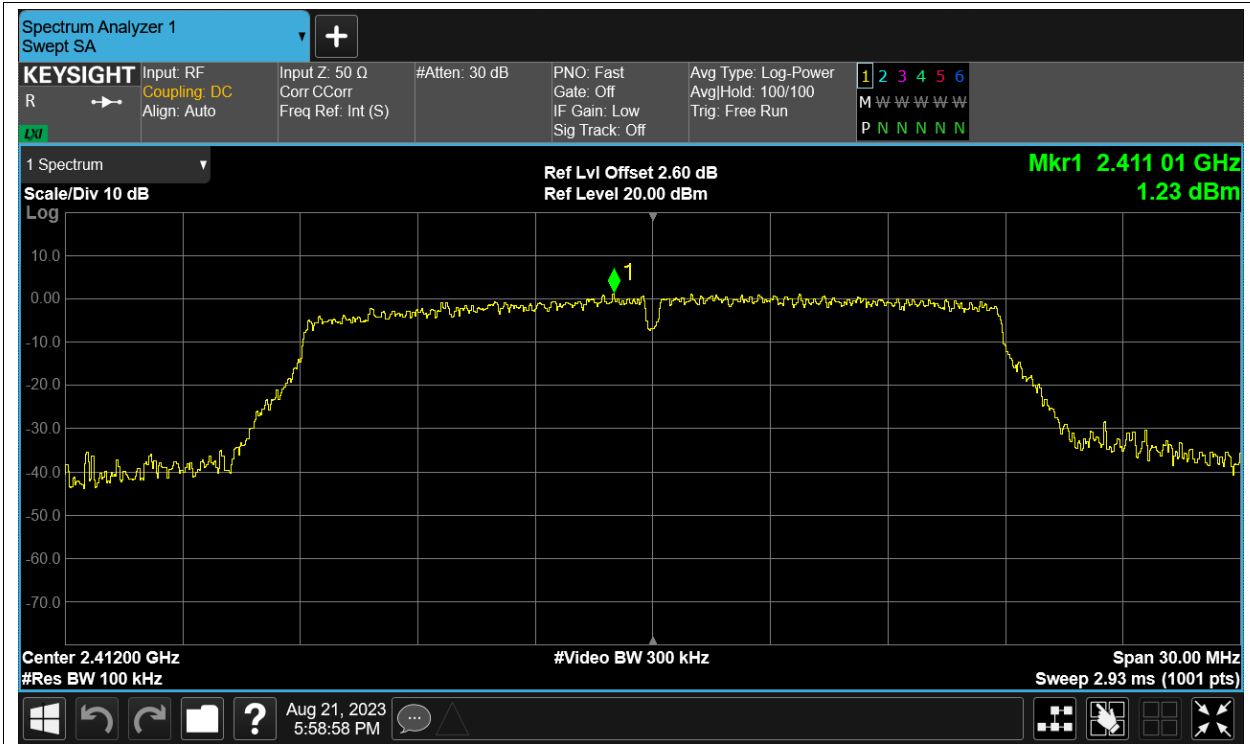
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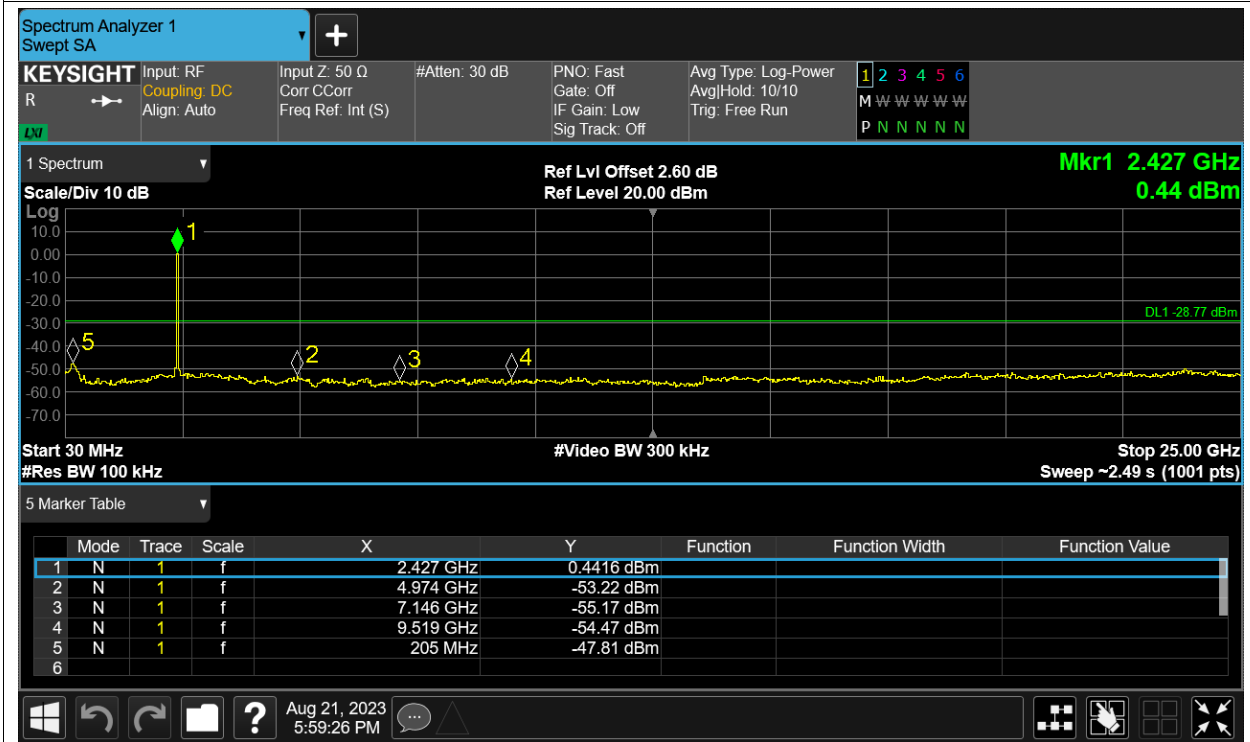
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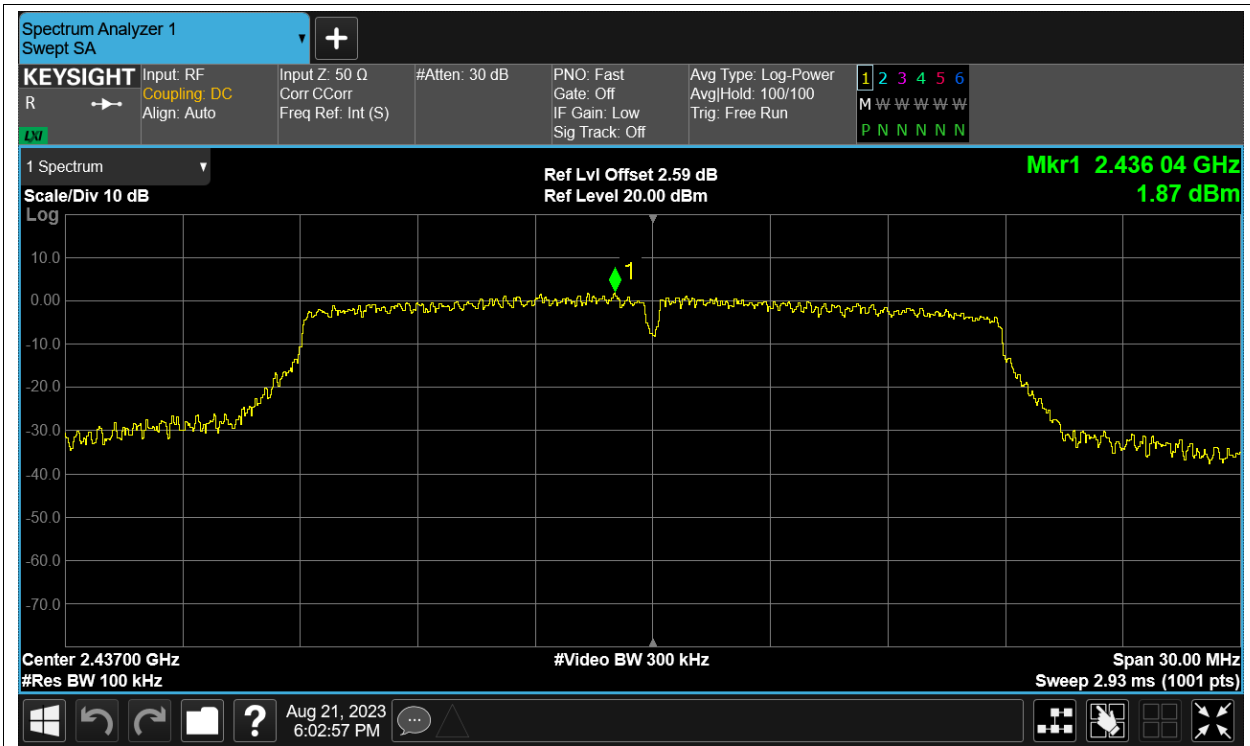
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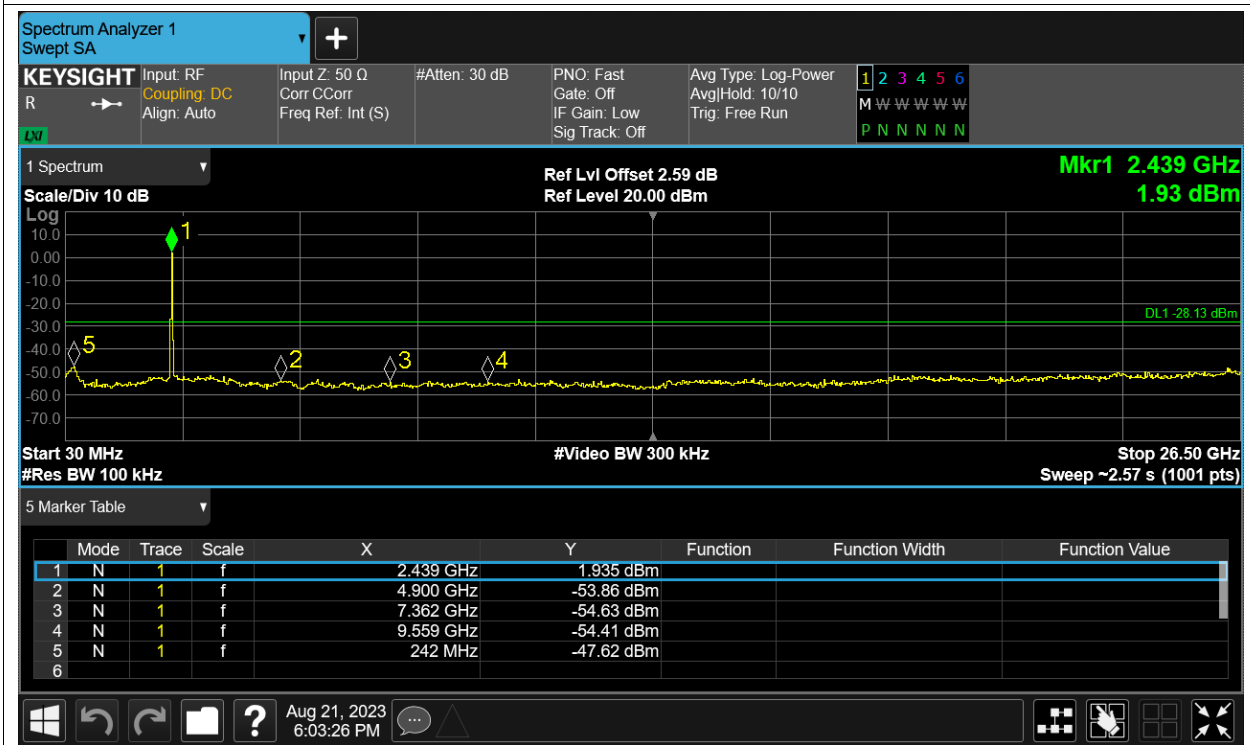
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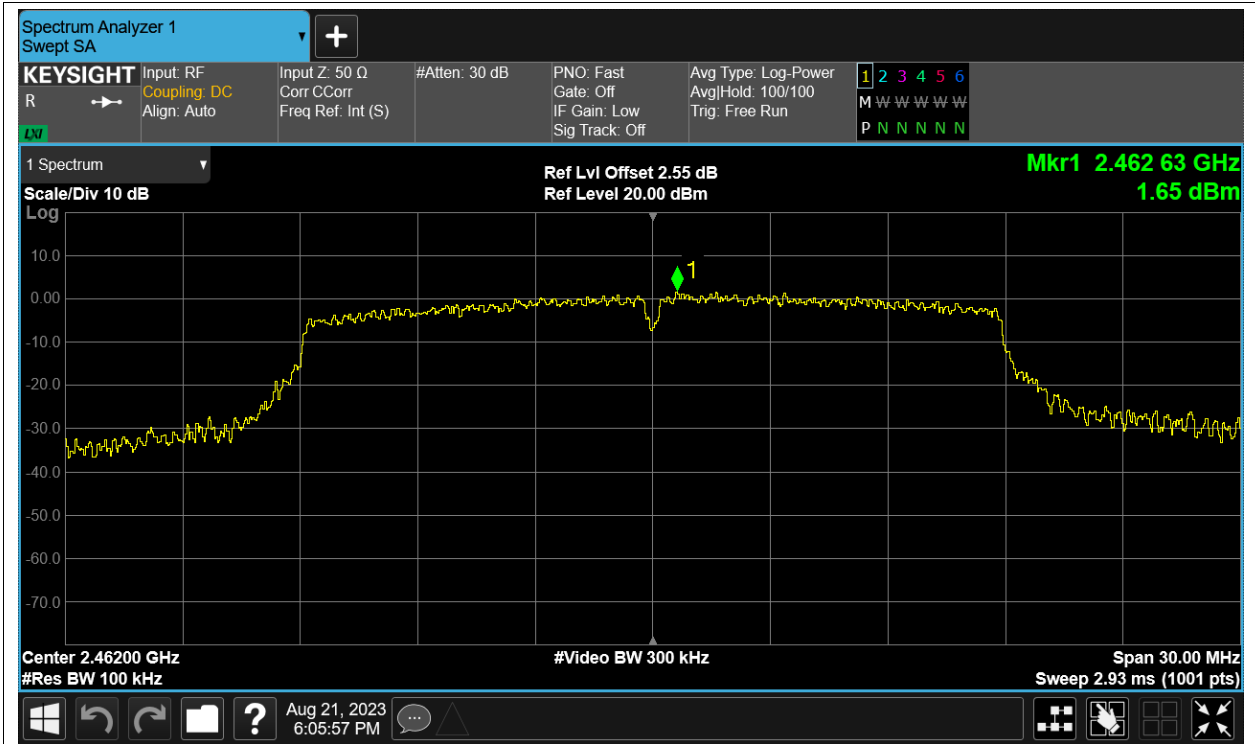
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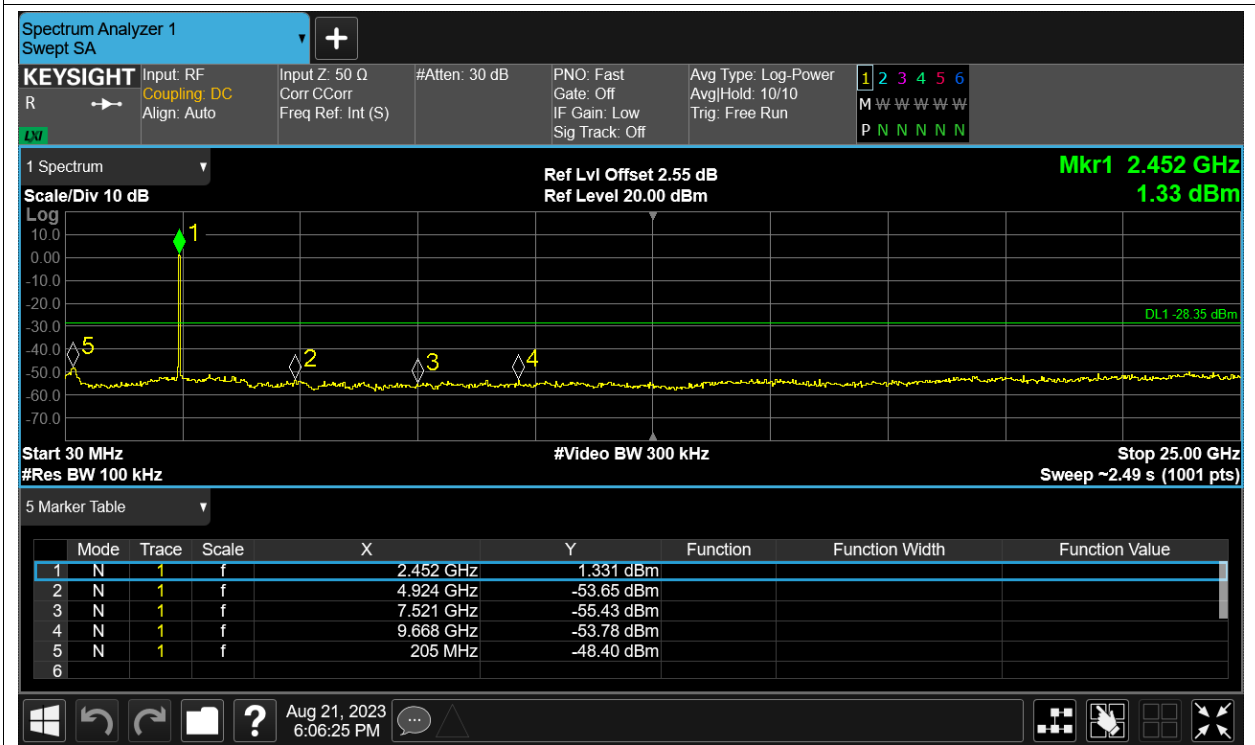
Tx. Spurious NVNT n20 2437MHz Ant12 Emission



Tx. Spurious NVNT n20 2462MHz Ant12 Ref

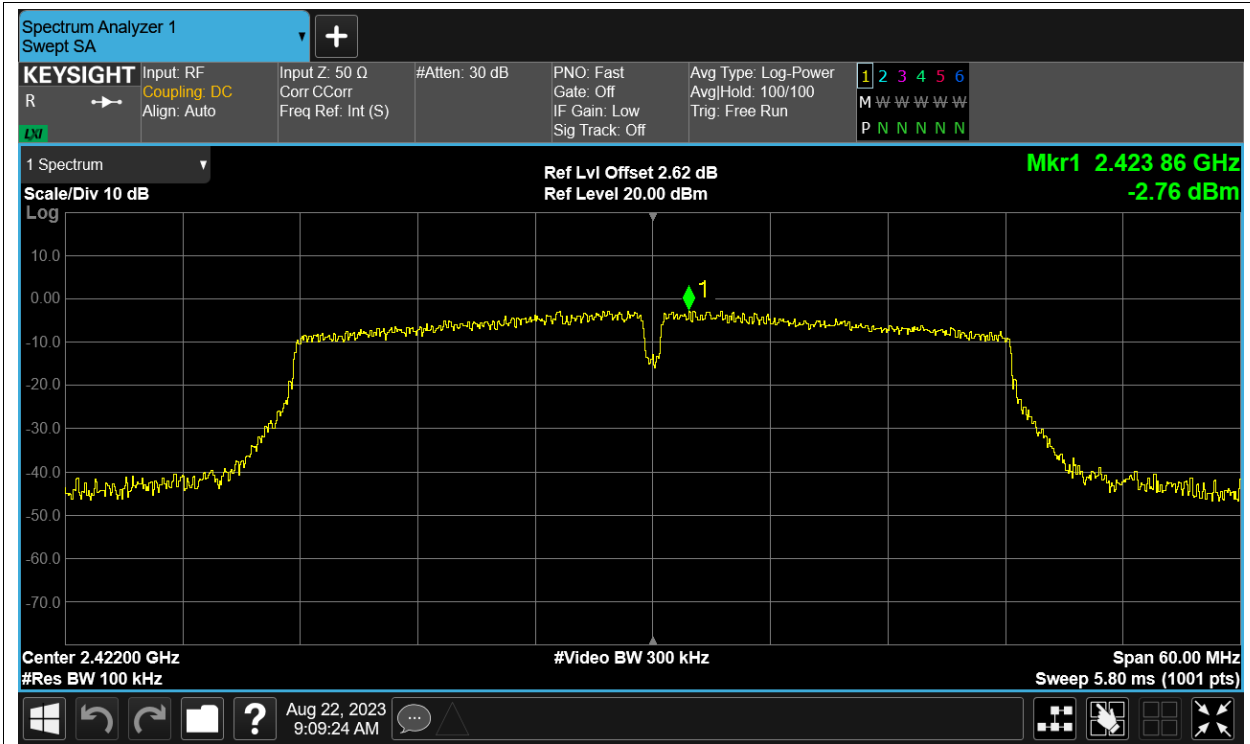


Tx. Spurious NVNT n20 2462MHz Ant12 Emission

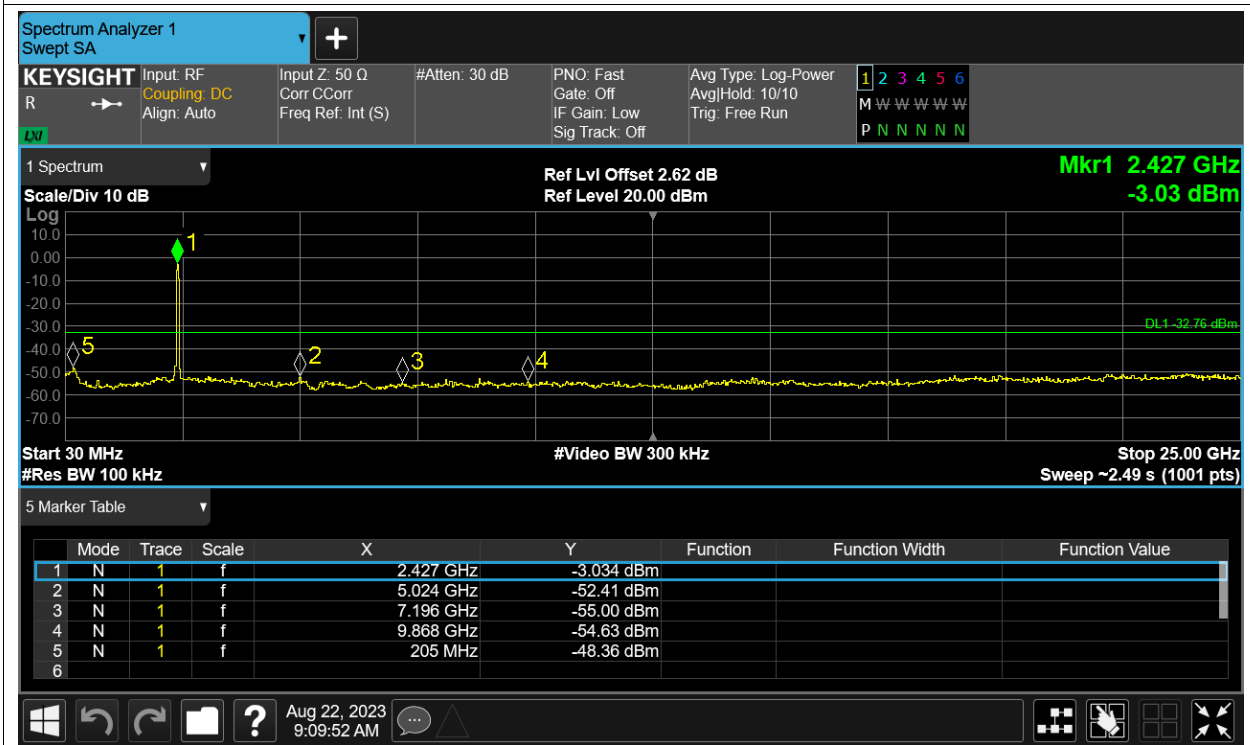


Tx. Spurious NVNT n40 2422MHz Ant12 Ref

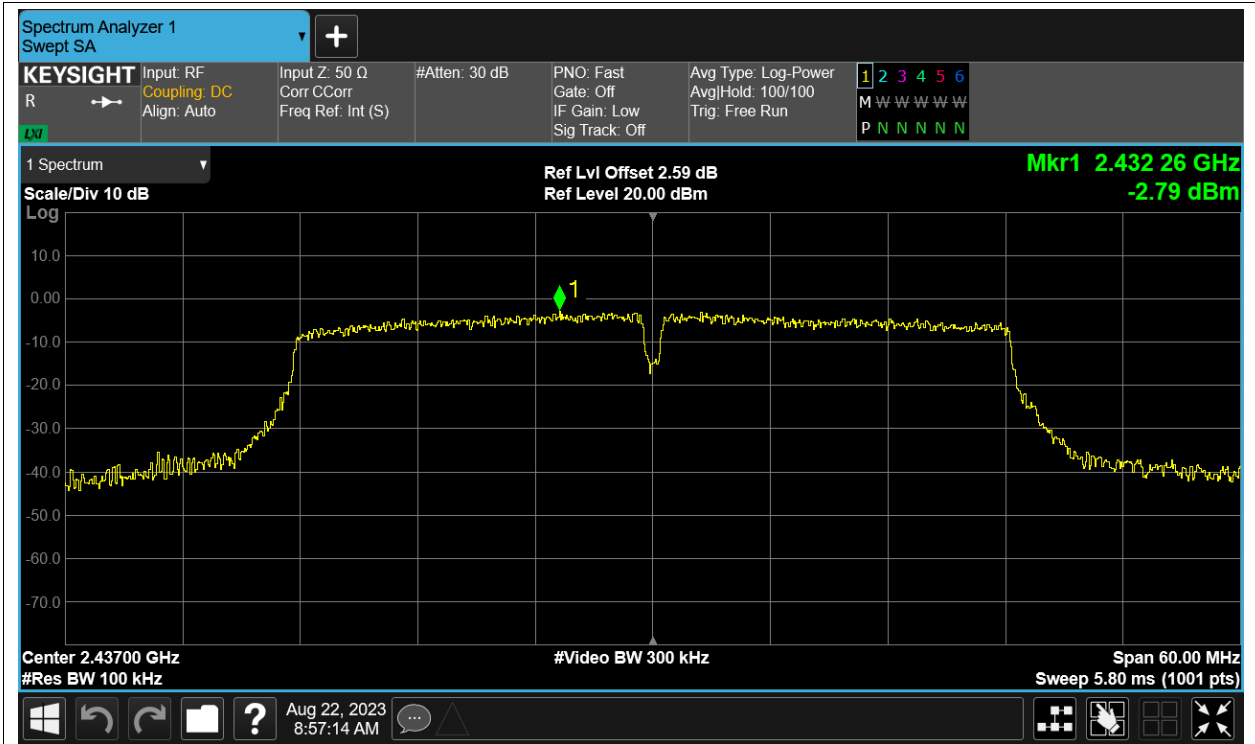




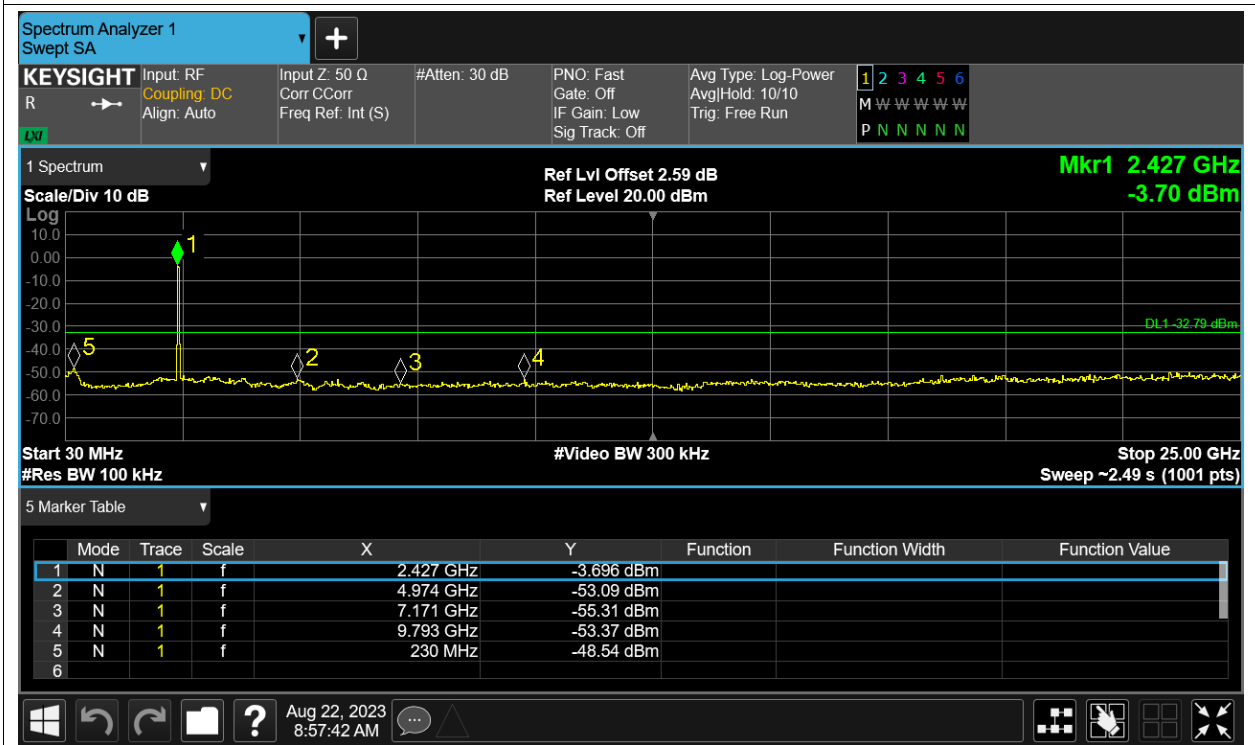
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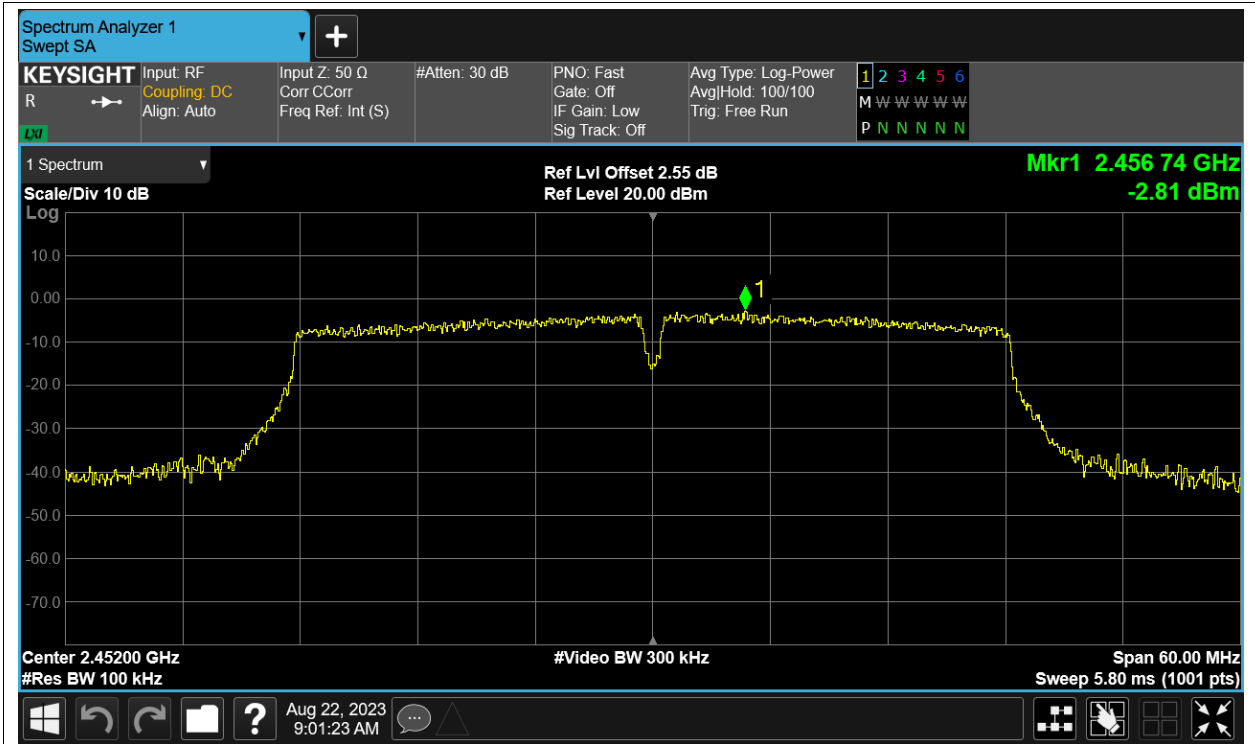
Tx. Spurious NVNT n40 2437MHz Ant12 Ref



Tx. Spurious NVNT n40 2437MHz Ant12 Emission



Tx. Spurious NVNT n40 2452MHz Ant12 Ref



Tx. Spurious NVNT n40 2452MHz Ant12 Emission

