

## Test Data

### Duty Cycle

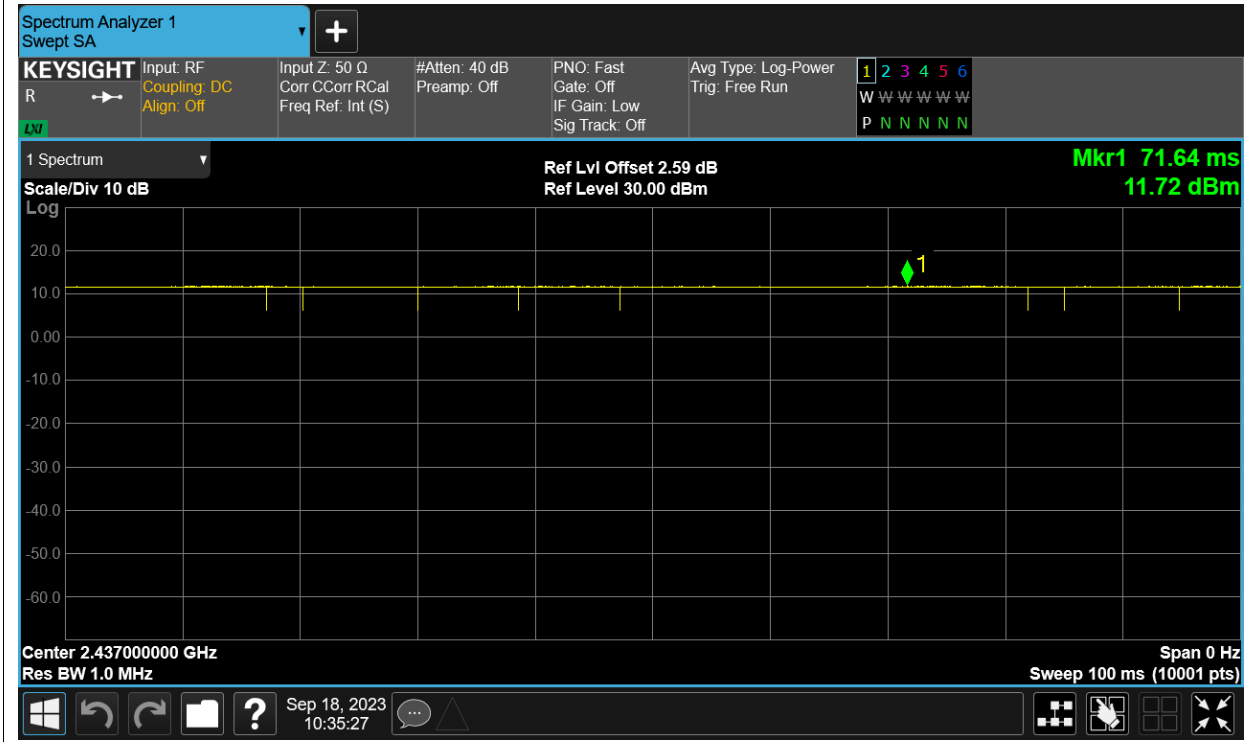
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant14	100	0
NVNT	b	2437	Ant14	100	0
NVNT	b	2462	Ant14	100	0
NVNT	g	2412	Ant14	100	0
NVNT	g	2437	Ant14	100	0
NVNT	g	2462	Ant14	100	0
NVNT	n20	2412	Ant14	100	0
NVNT	n20	2437	Ant14	100	0
NVNT	n20	2462	Ant14	100	0
NVNT	n40	2422	Ant14	100	0
NVNT	n40	2437	Ant14	100	0
NVNT	n40	2452	Ant14	100	0

Test Graphs

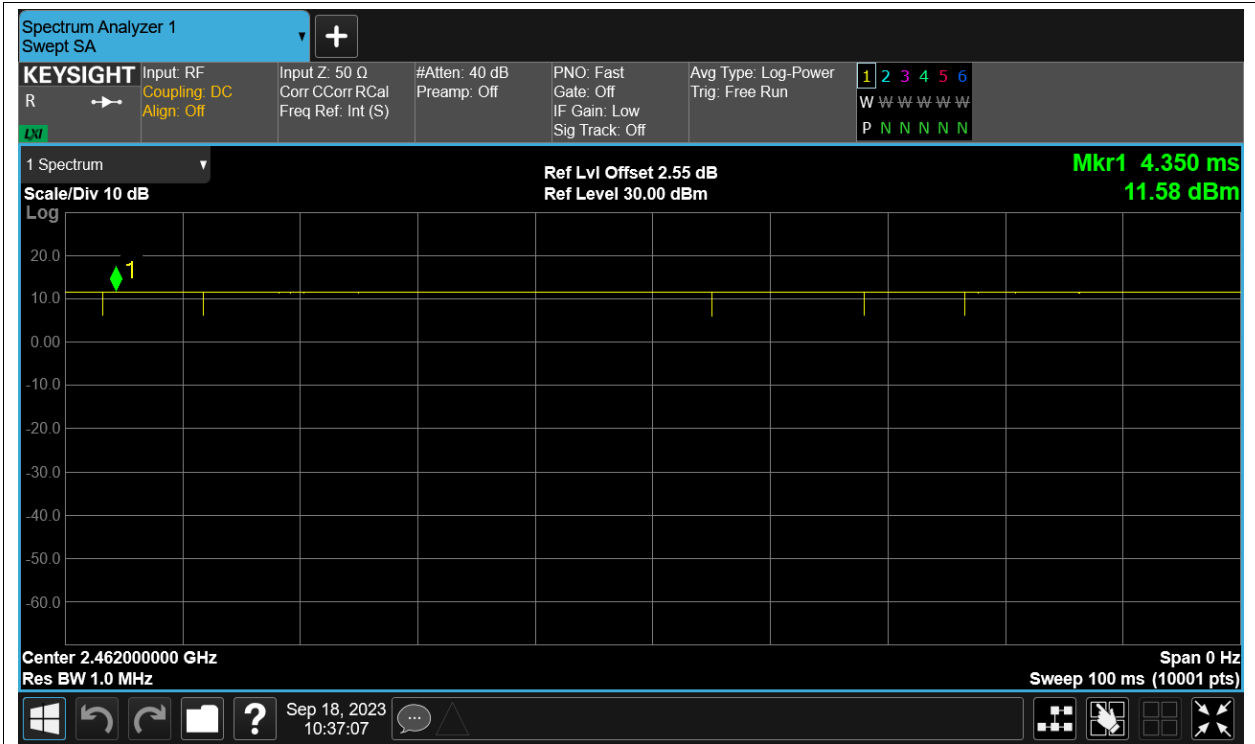
Duty Cycle NVNT b 2412MHz Ant14



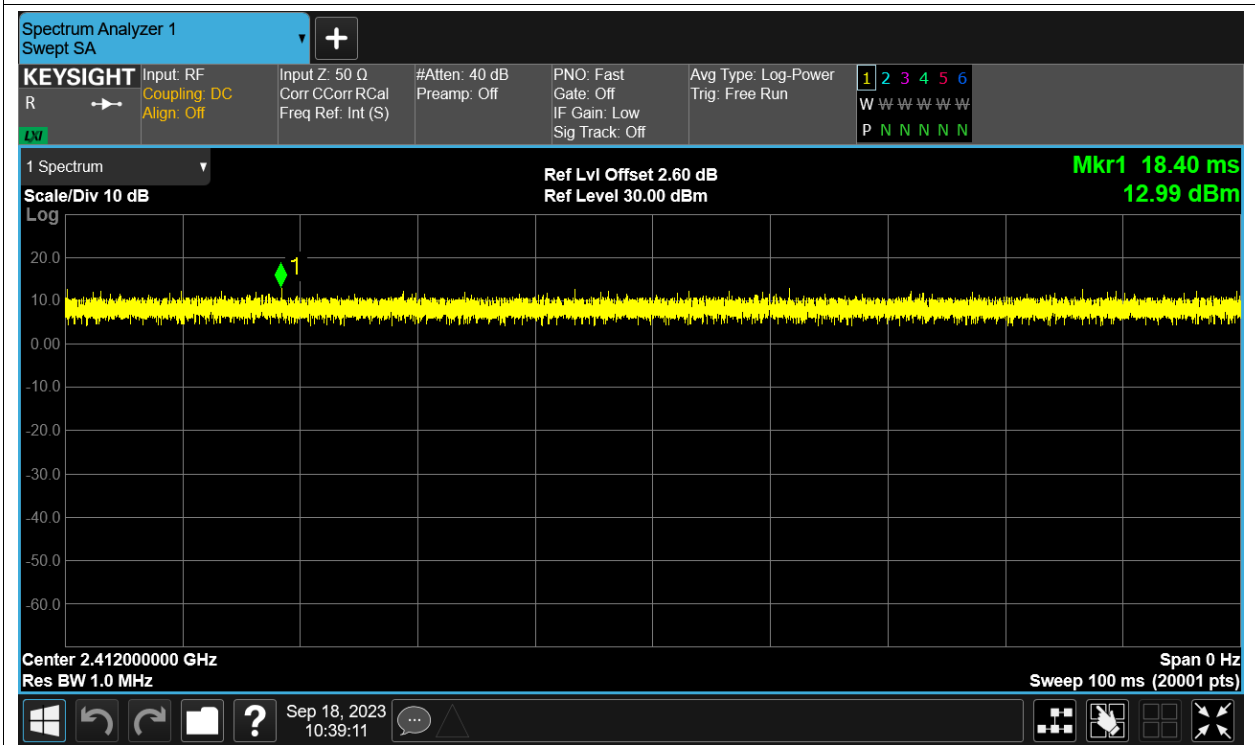
Duty Cycle NVNT b 2437MHz Ant14



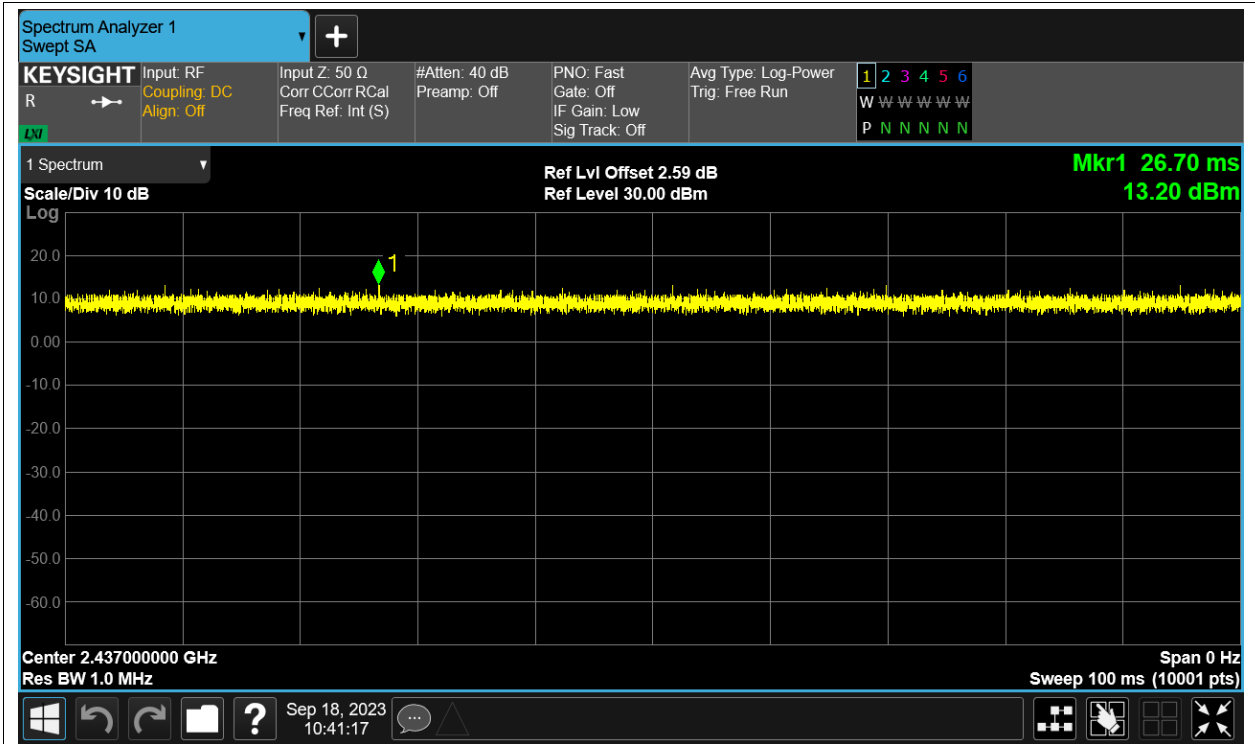
Duty Cycle NVNT b 2462MHz Ant14



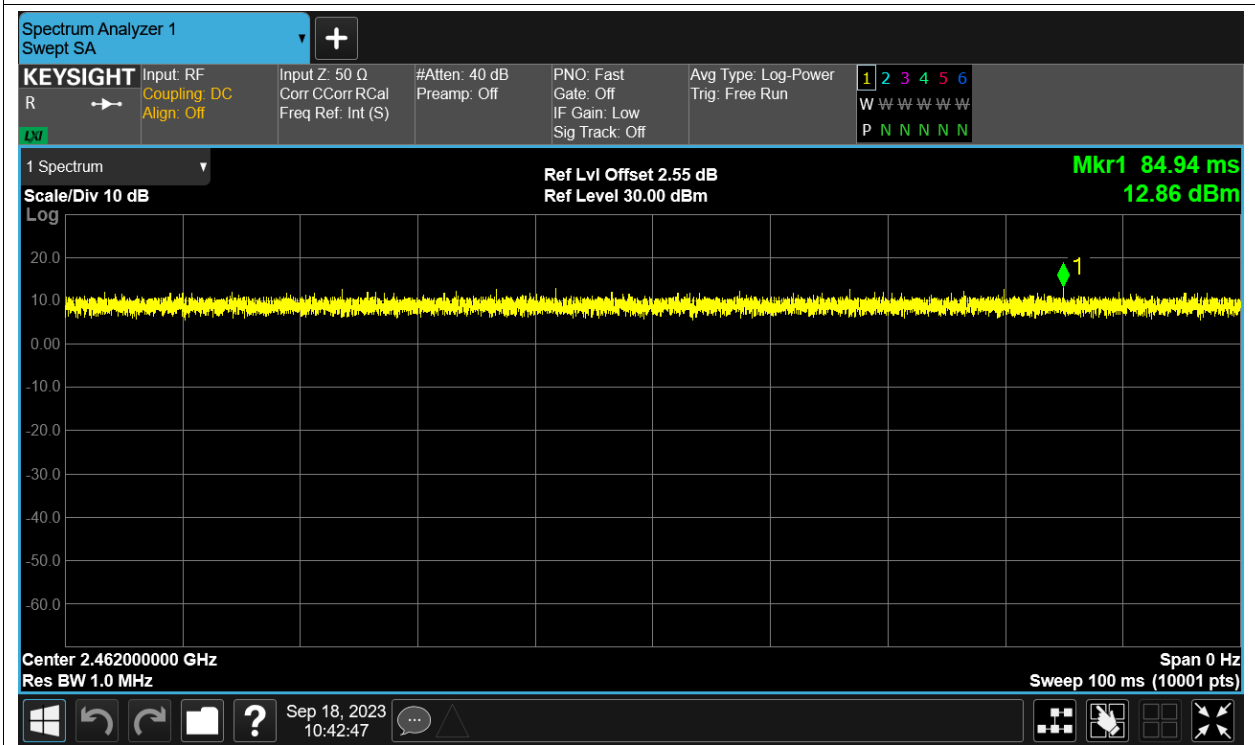
Duty Cycle NVNT g 2412MHz Ant14



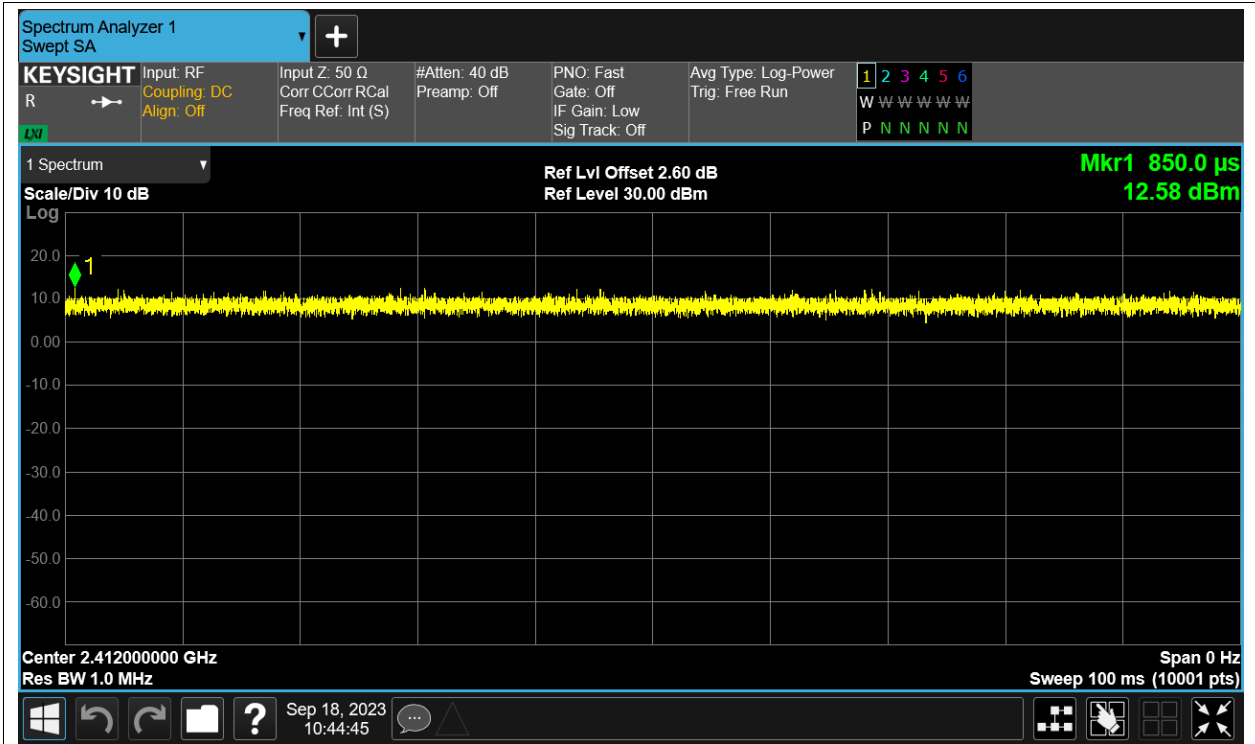
Duty Cycle NVNT g 2437MHz Ant14



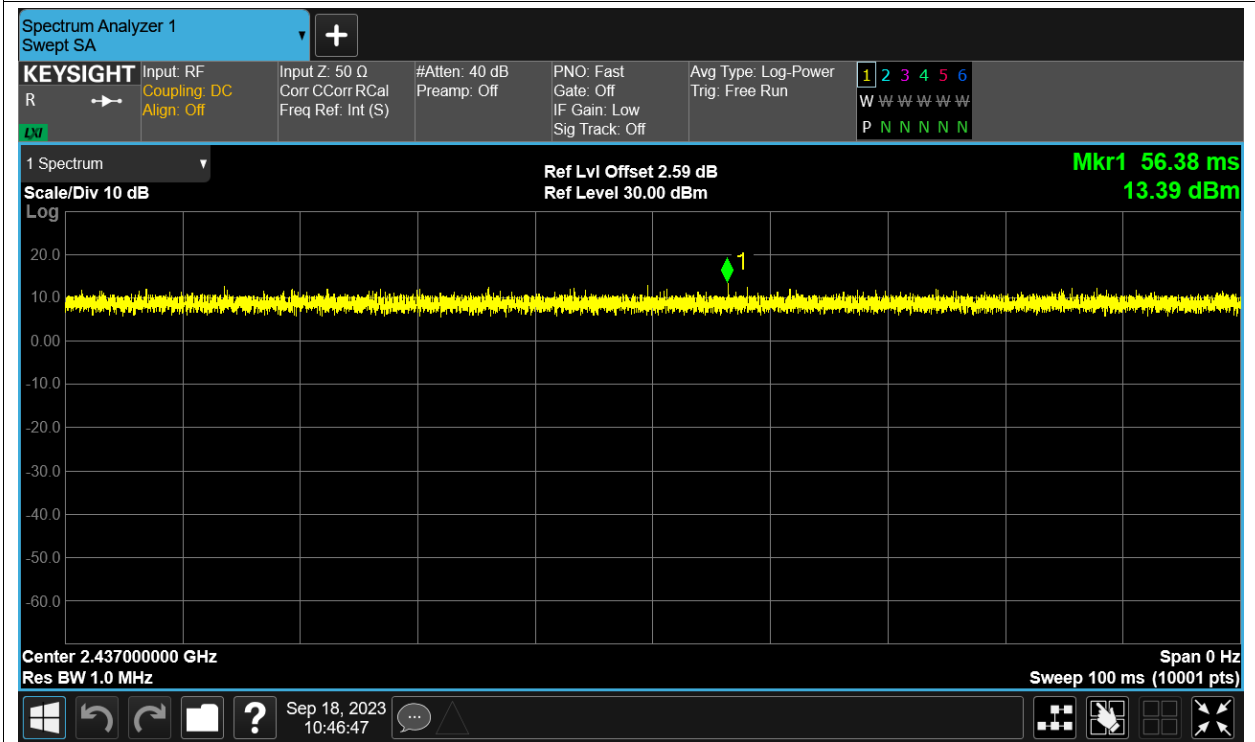
Duty Cycle NVNT g 2462MHz Ant14



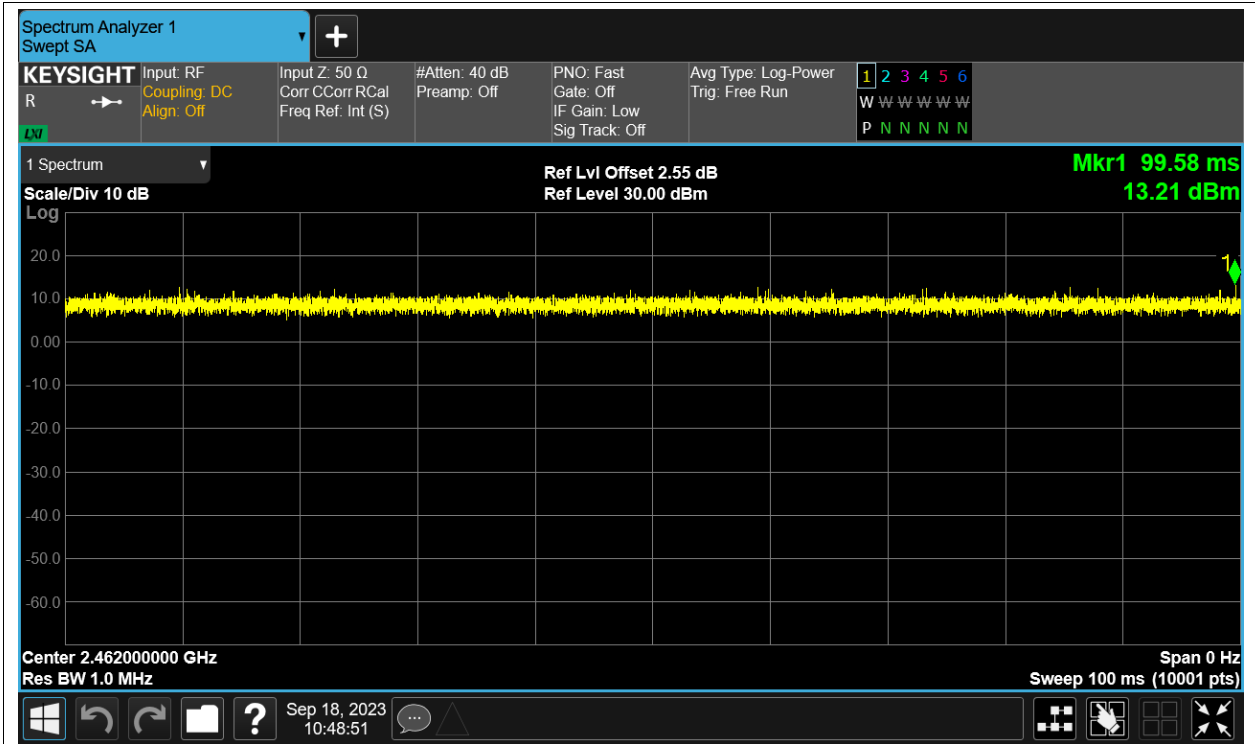
Duty Cycle NVNT n20 2412MHz Ant14



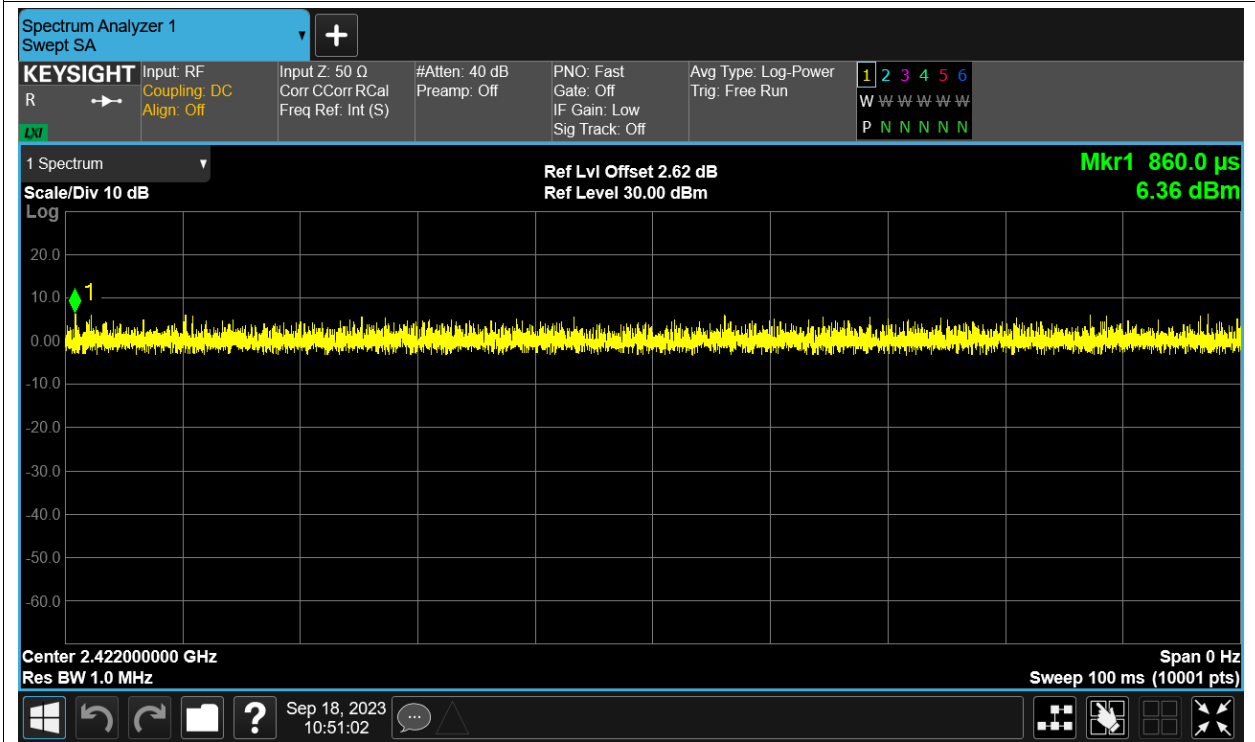
Duty Cycle NVNT n20 2437MHz Ant14



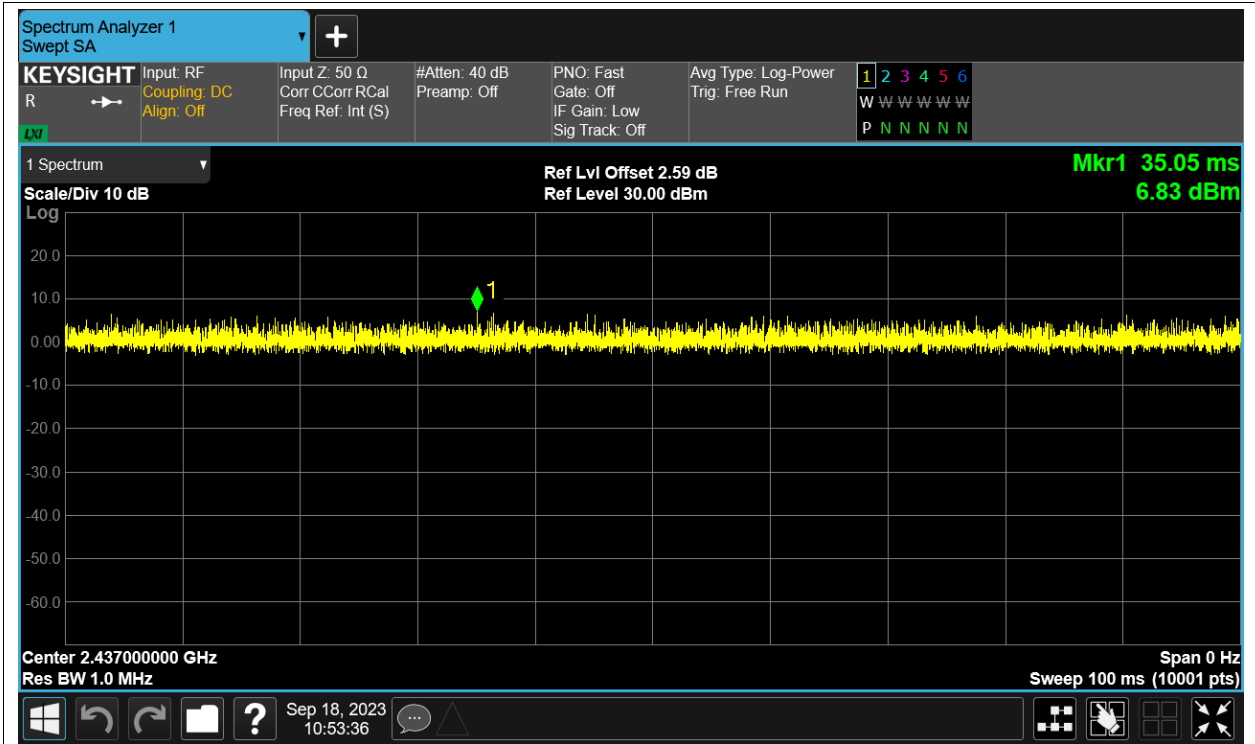
Duty Cycle NVNT n20 2462MHz Ant14



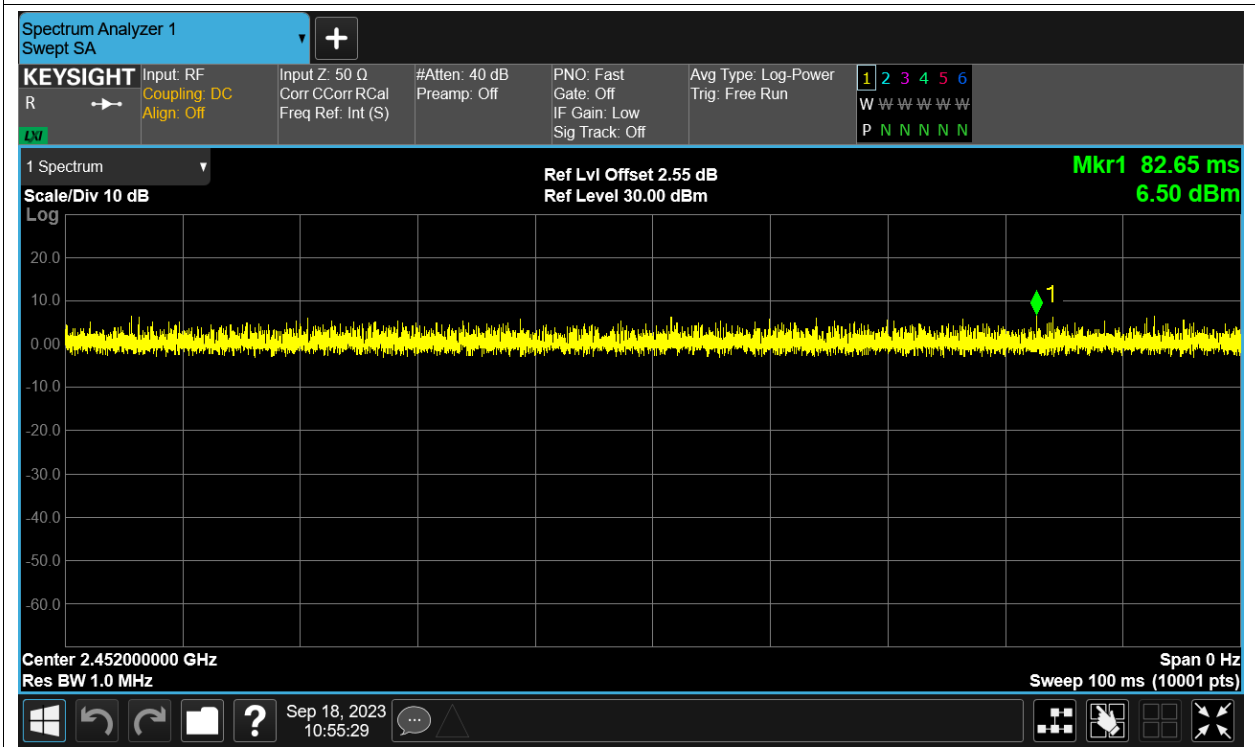
Duty Cycle NVNT n40 2422MHz Ant14



Duty Cycle NVNT n40 2437MHz Ant14



Duty Cycle NVNT n40 2452MHz Ant14



## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant14	16.22	0	16.22	30	Pass
NVNT	b	2437	Ant14	17.16	0	17.16	30	Pass
NVNT	b	2462	Ant14	17.19	0	17.19	30	Pass
NVNT	g	2412	Ant14	15.18	0	15.18	30	Pass
NVNT	g	2437	Ant14	15.69	0	15.69	30	Pass
NVNT	g	2462	Ant14	15.69	0	15.69	30	Pass
NVNT	n20	2412	Ant14	15.08	0	15.08	30	Pass
NVNT	n20	2437	Ant14	15.49	0	15.49	30	Pass
NVNT	n20	2462	Ant14	15.56	0	15.56	30	Pass
NVNT	n40	2422	Ant14	13.47	0	13.47	30	Pass
NVNT	n40	2437	Ant14	13.65	0	13.65	30	Pass
NVNT	n40	2452	Ant14	13.51	0	13.51	30	Pass



## -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant14	8.062	0.5	Pass
NVNT	b	2437	Ant14	7.569	0.5	Pass
NVNT	b	2462	Ant14	8.027	0.5	Pass
NVNT	g	2412	Ant14	16.317	0.5	Pass
NVNT	g	2437	Ant14	16.333	0.5	Pass
NVNT	g	2462	Ant14	16.33	0.5	Pass
NVNT	n20	2412	Ant14	17.598	0.5	Pass
NVNT	n20	2437	Ant14	17.575	0.5	Pass
NVNT	n20	2462	Ant14	17.551	0.5	Pass
NVNT	n40	2422	Ant14	36.341	0.5	Pass
NVNT	n40	2437	Ant14	35.926	0.5	Pass
NVNT	n40	2452	Ant14	36.058	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant14



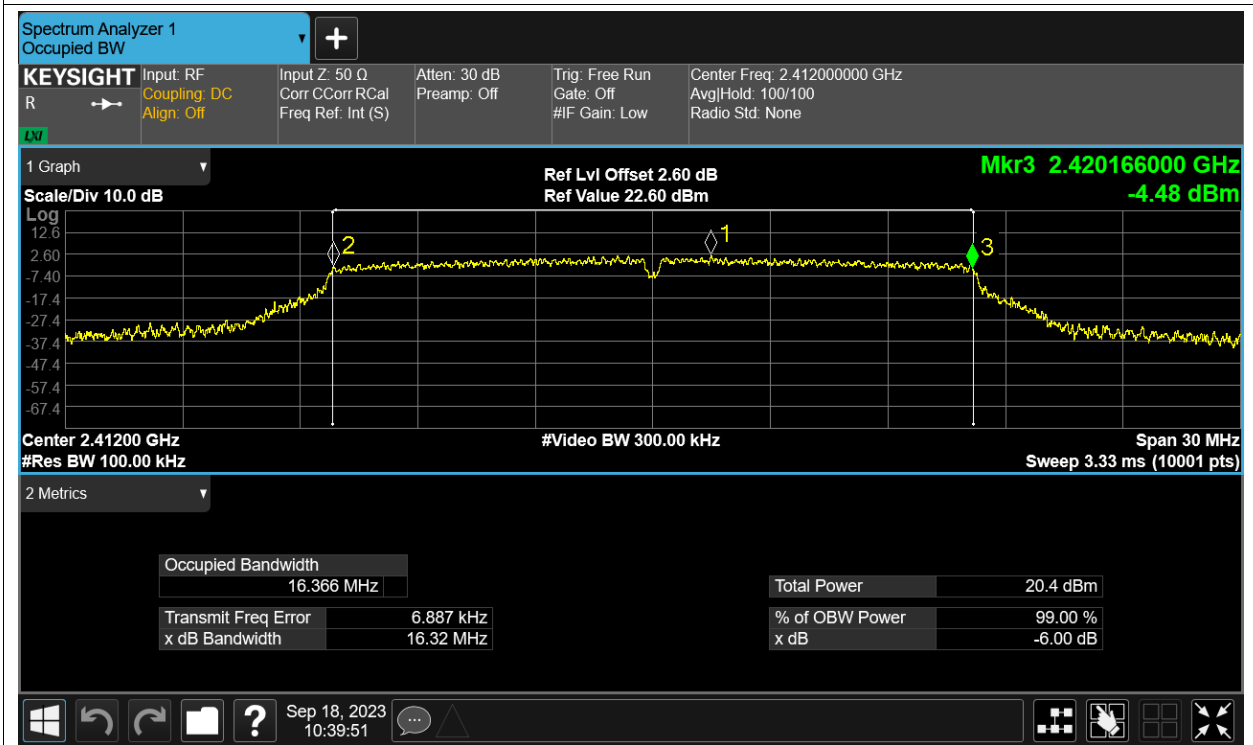
-6dB Bandwidth NVNT b 2437MHz Ant14



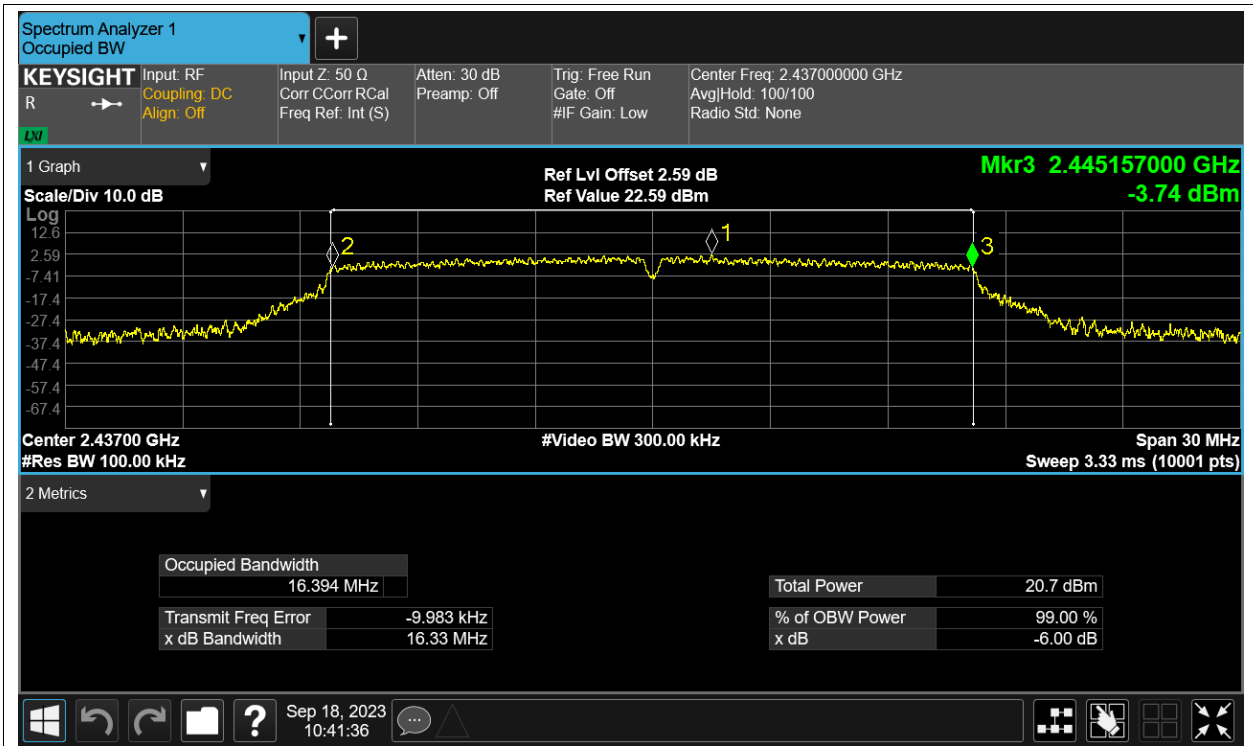
-6dB Bandwidth NVNT b 2462MHz Ant14



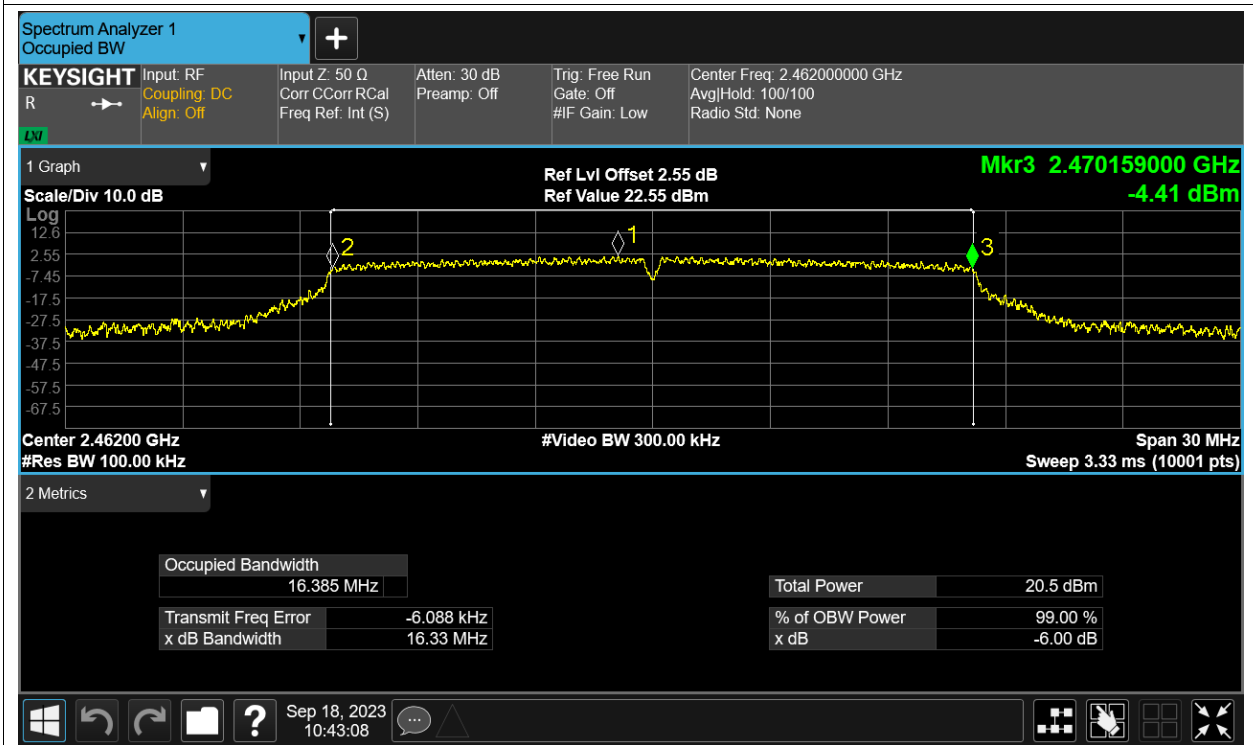
-6dB Bandwidth NVNT g 2412MHz Ant14



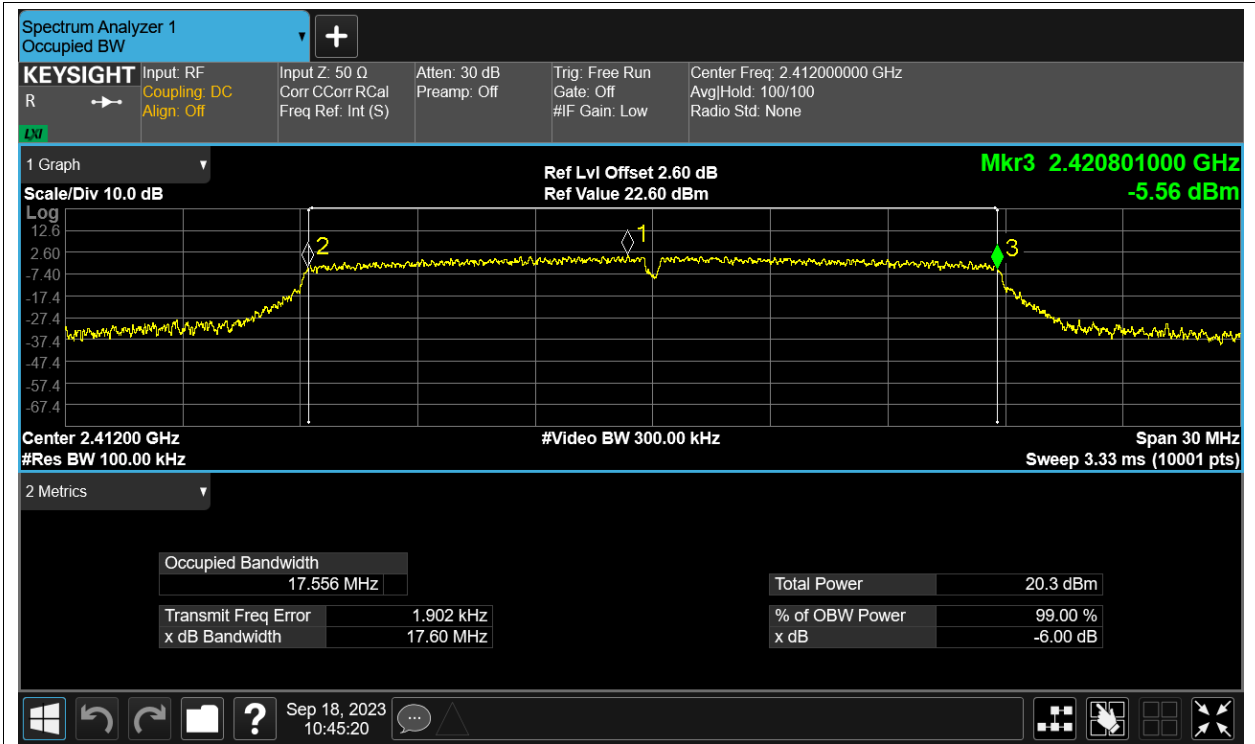
-6dB Bandwidth NVNT g 2437MHz Ant14



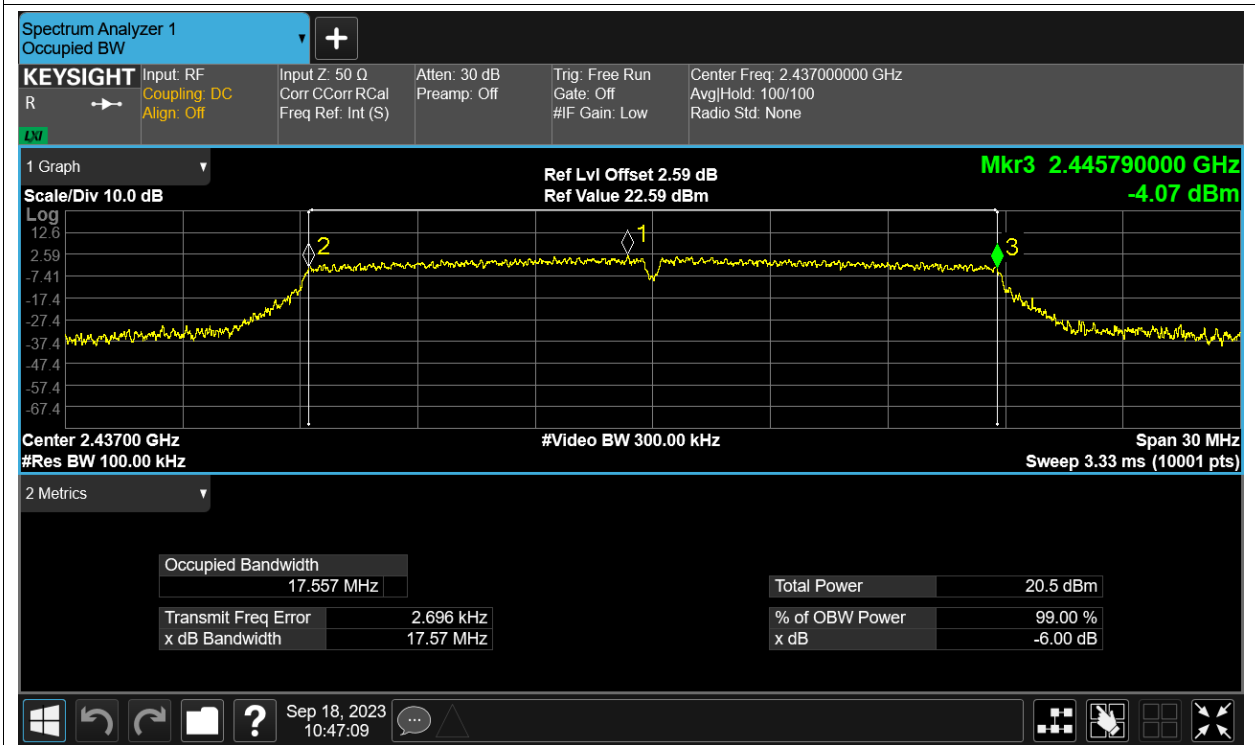
-6dB Bandwidth NVNT g 2462MHz Ant14



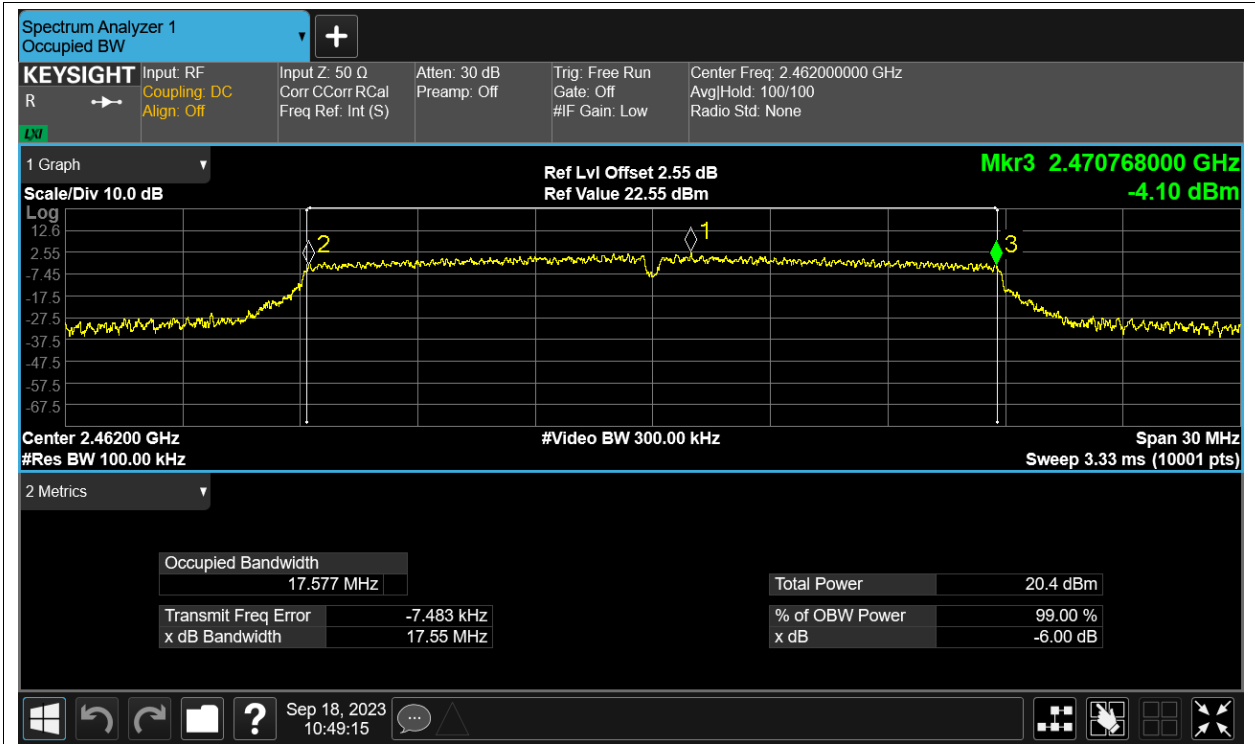
-6dB Bandwidth NVNT n20 2412MHz Ant14



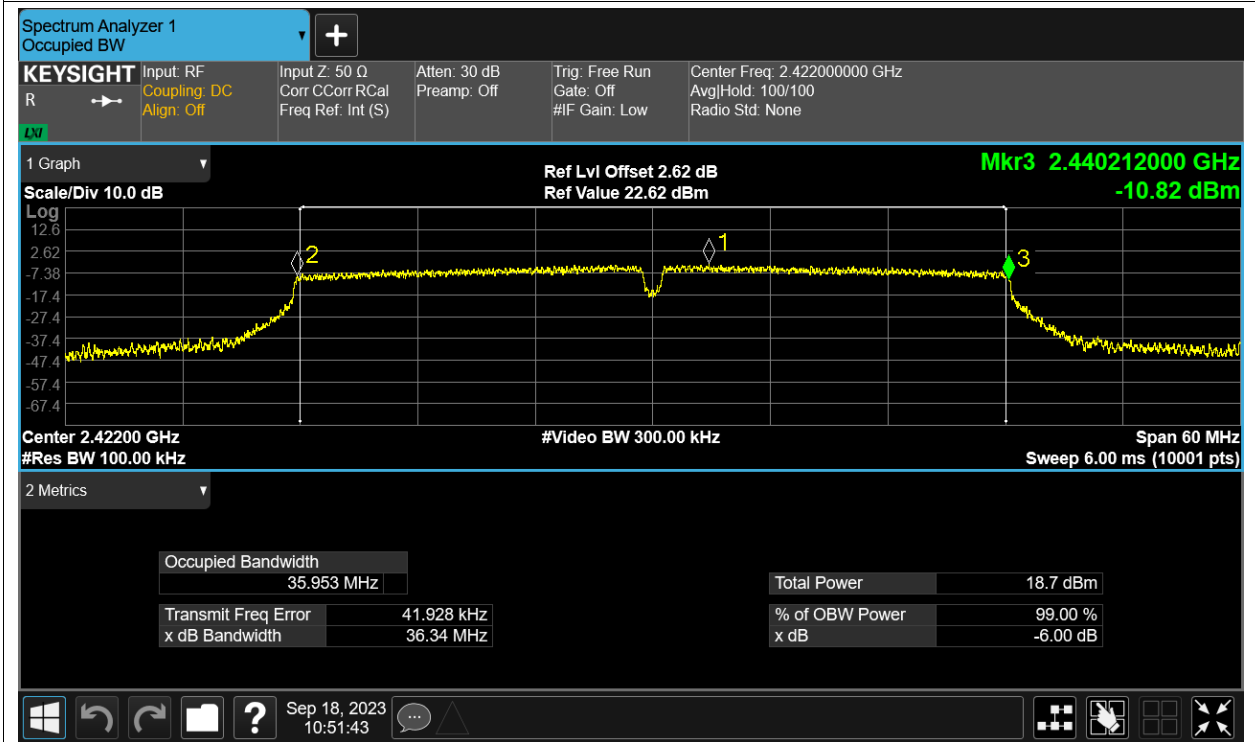
-6dB Bandwidth NVNT n20 2437MHz Ant14



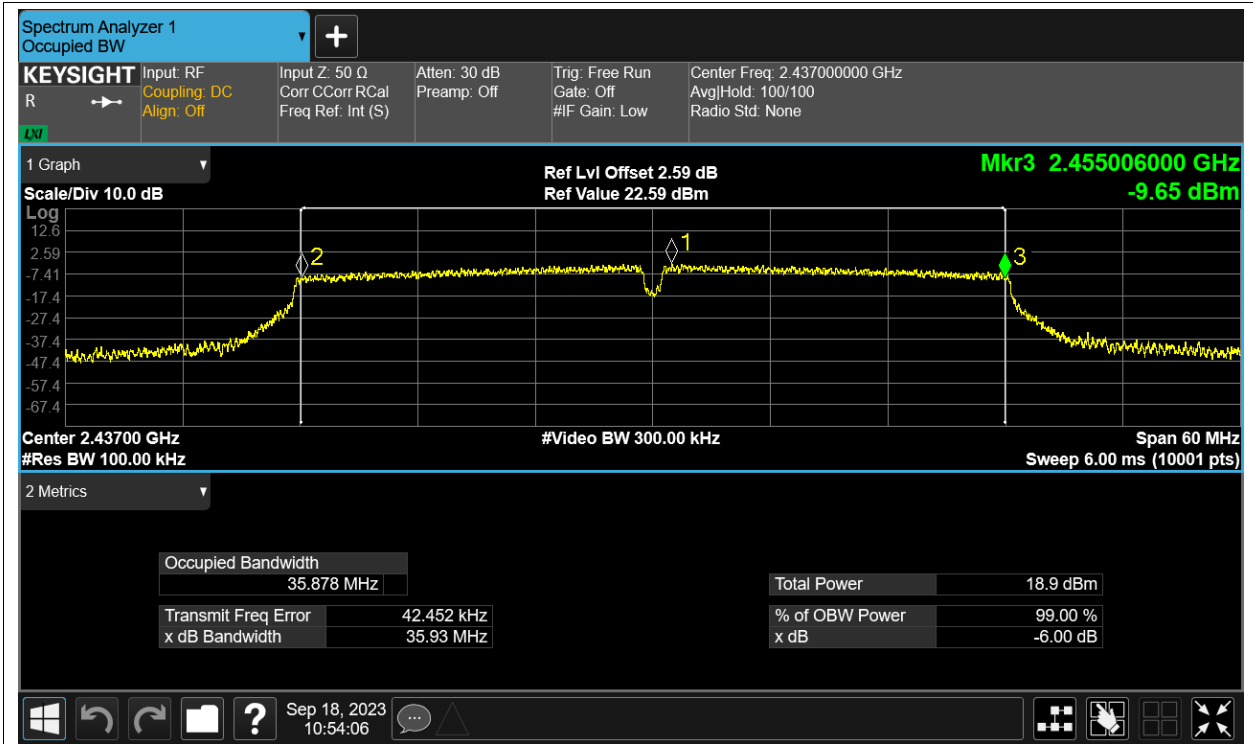
-6dB Bandwidth NVNT n20 2462MHz Ant14



-6dB Bandwidth NVNT n40 2422MHz Ant14



-6dB Bandwidth NVNT n40 2437MHz Ant14



-6dB Bandwidth NVNT n40 2452MHz Ant14



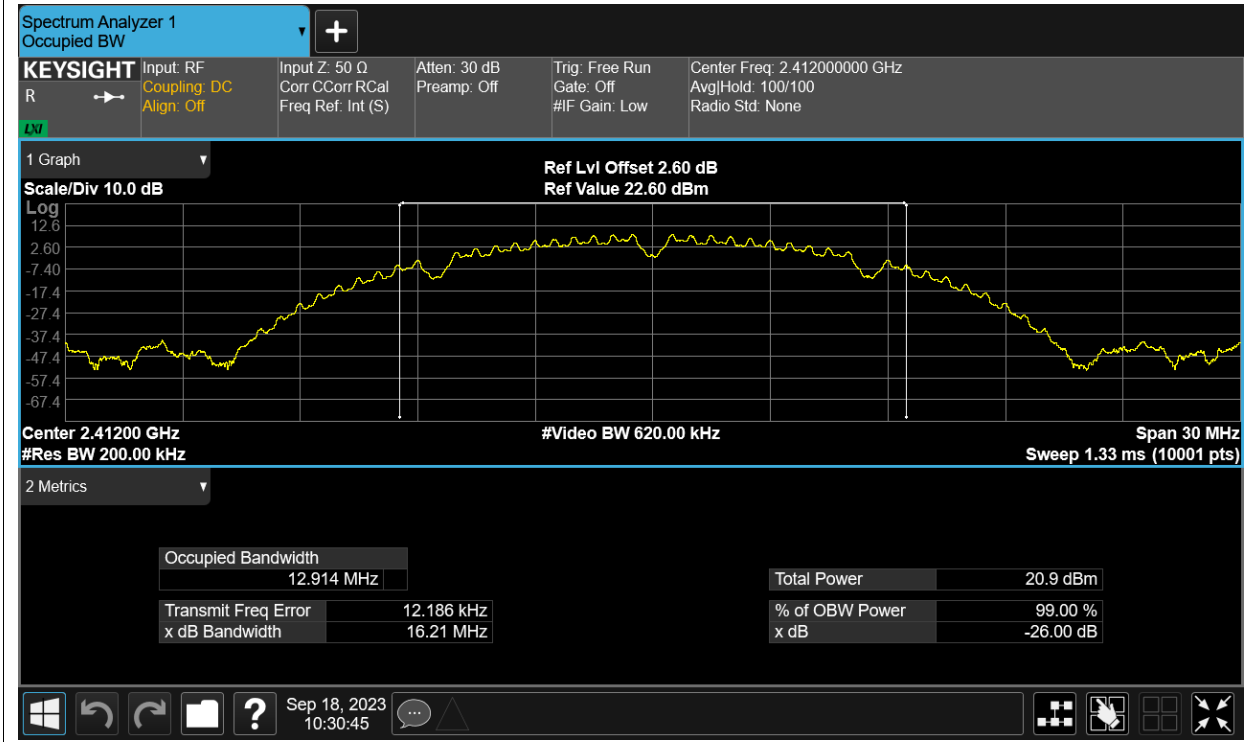
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant14	12.914
NVNT	b	2437	Ant14	12.878
NVNT	b	2462	Ant14	12.964
NVNT	g	2412	Ant14	16.439
NVNT	g	2437	Ant14	16.455
NVNT	g	2462	Ant14	16.466
NVNT	n20	2412	Ant14	17.613
NVNT	n20	2437	Ant14	17.594
NVNT	n20	2462	Ant14	17.594
NVNT	n40	2422	Ant14	36.022
NVNT	n40	2437	Ant14	35.94
NVNT	n40	2452	Ant14	35.933

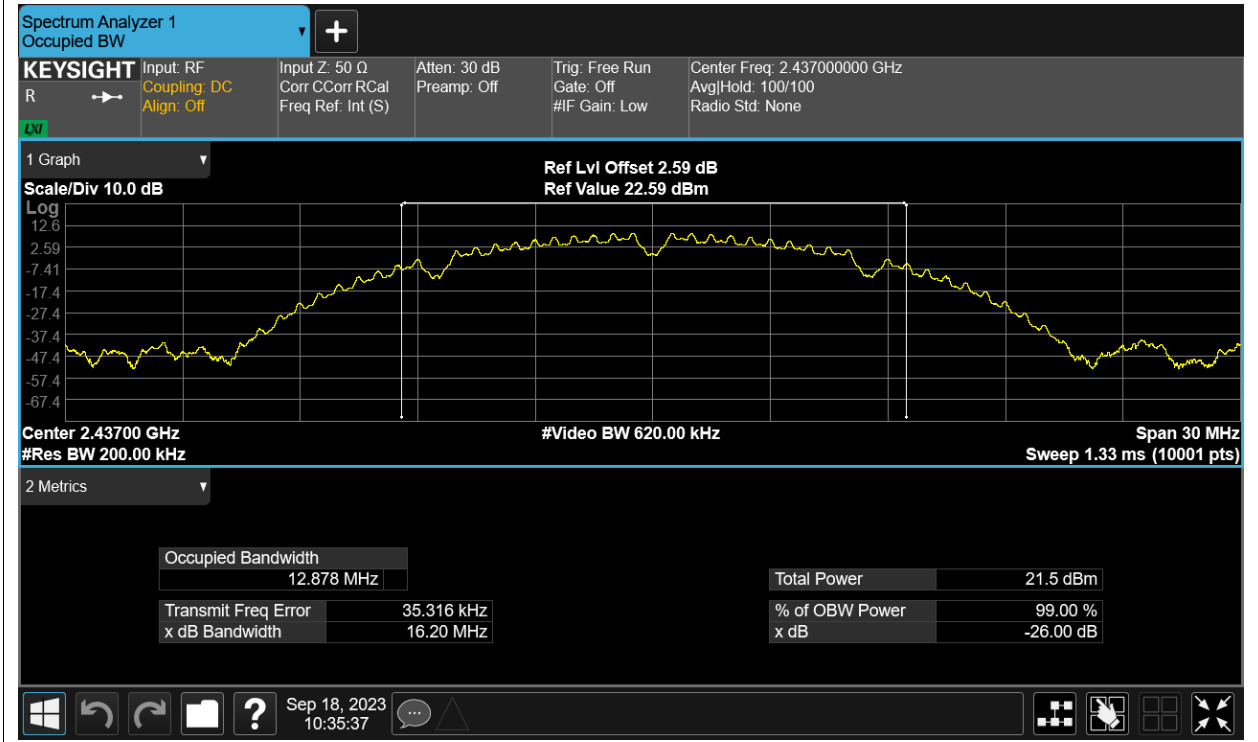


Test Graphs

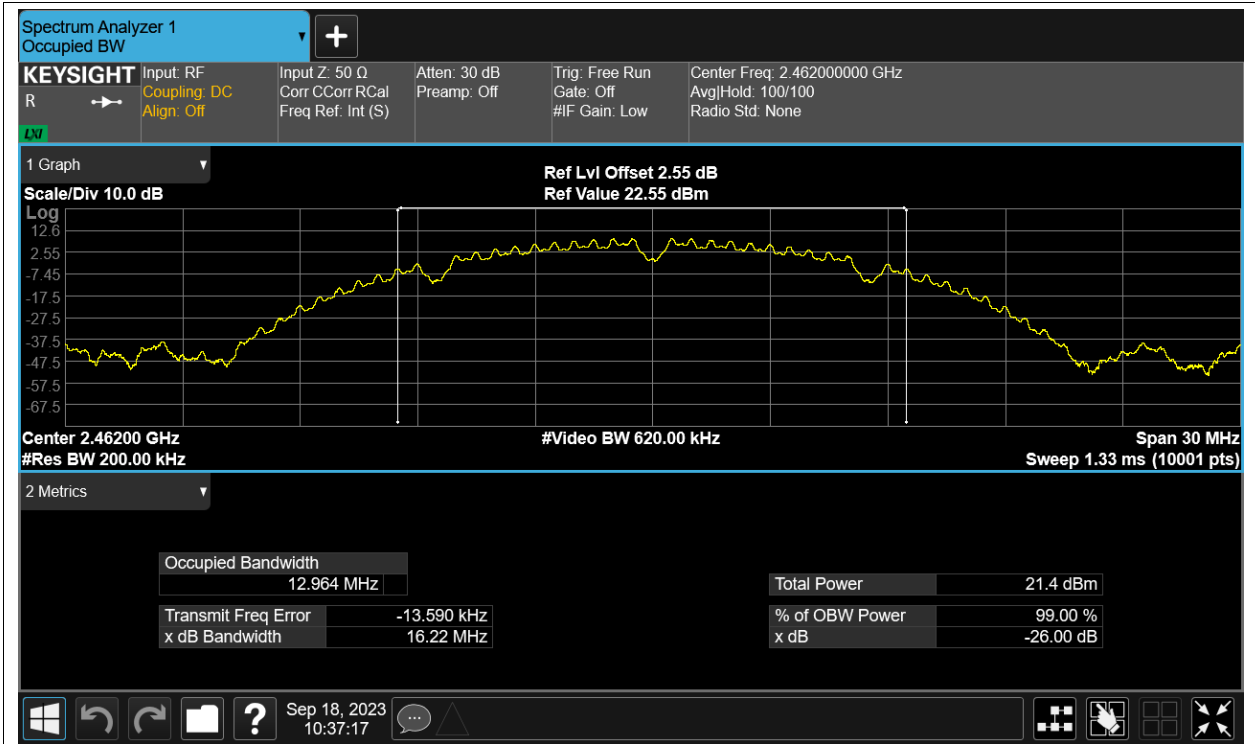
OBW NVNT b 2412MHz Ant14



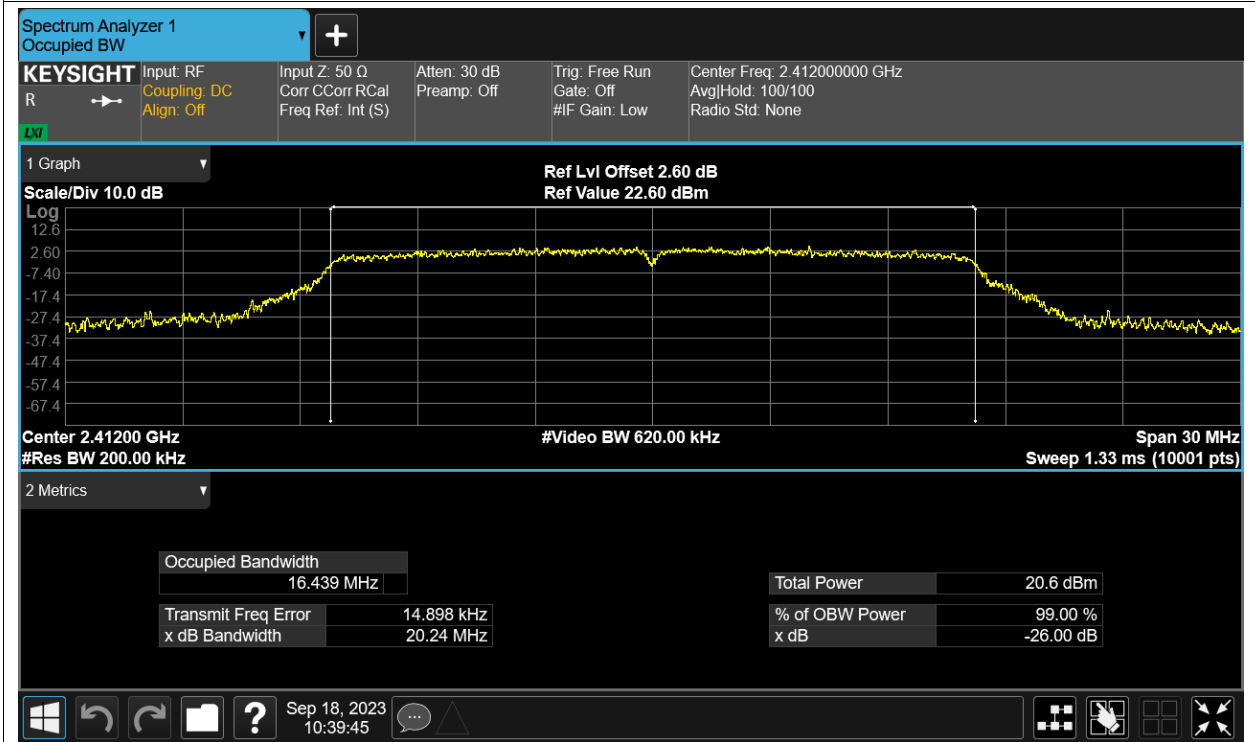
OBW NVNT b 2437MHz Ant14



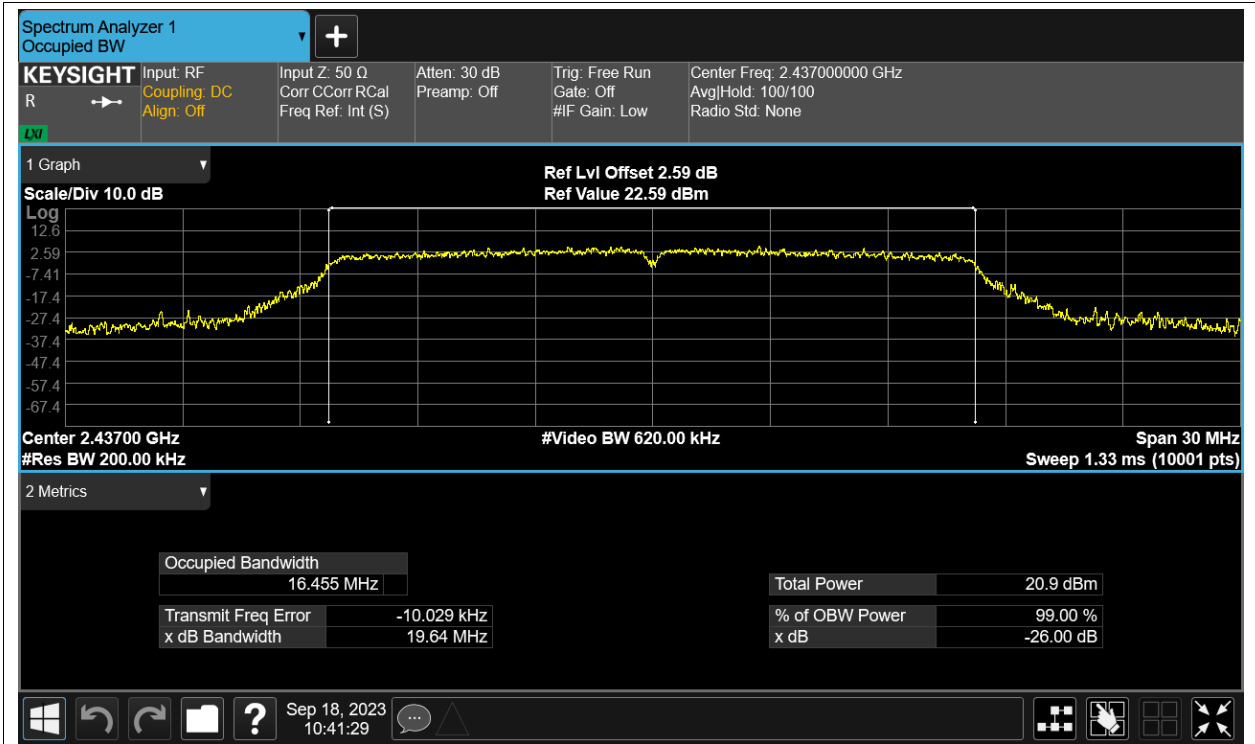
OBW NVNT b 2462MHz Ant14



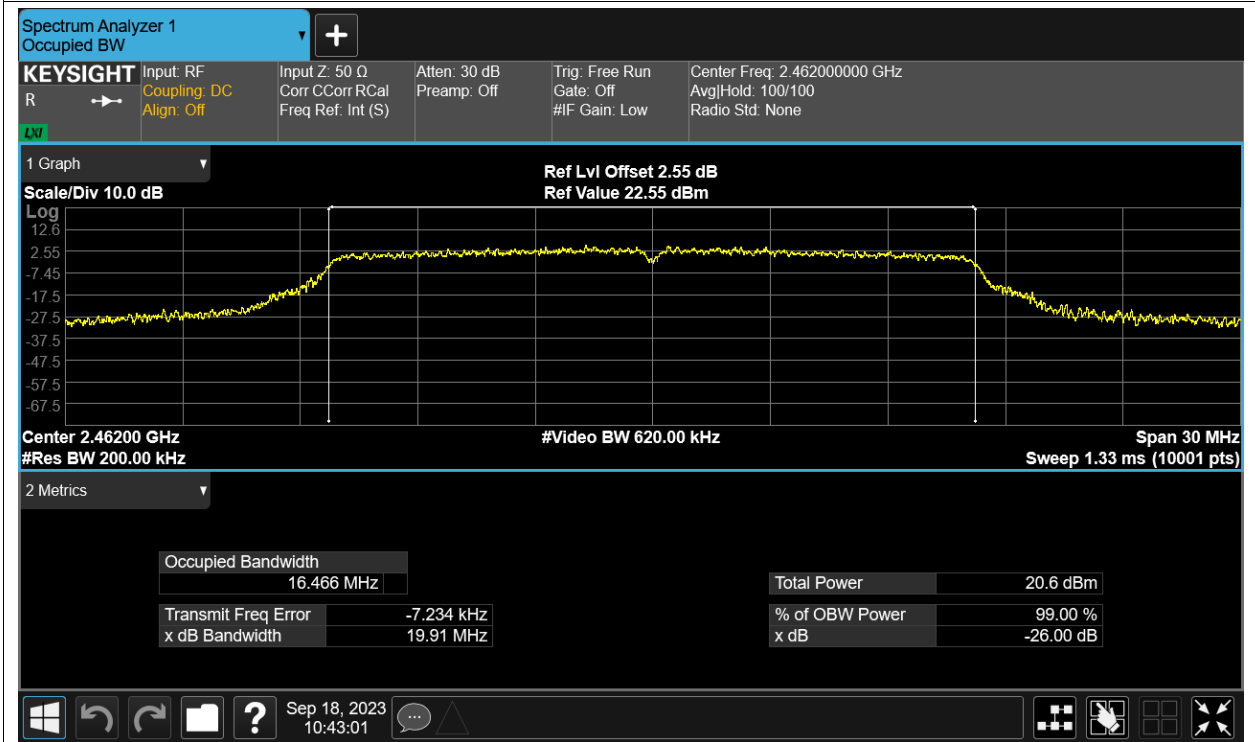
OBW NVNT g 2412MHz Ant14



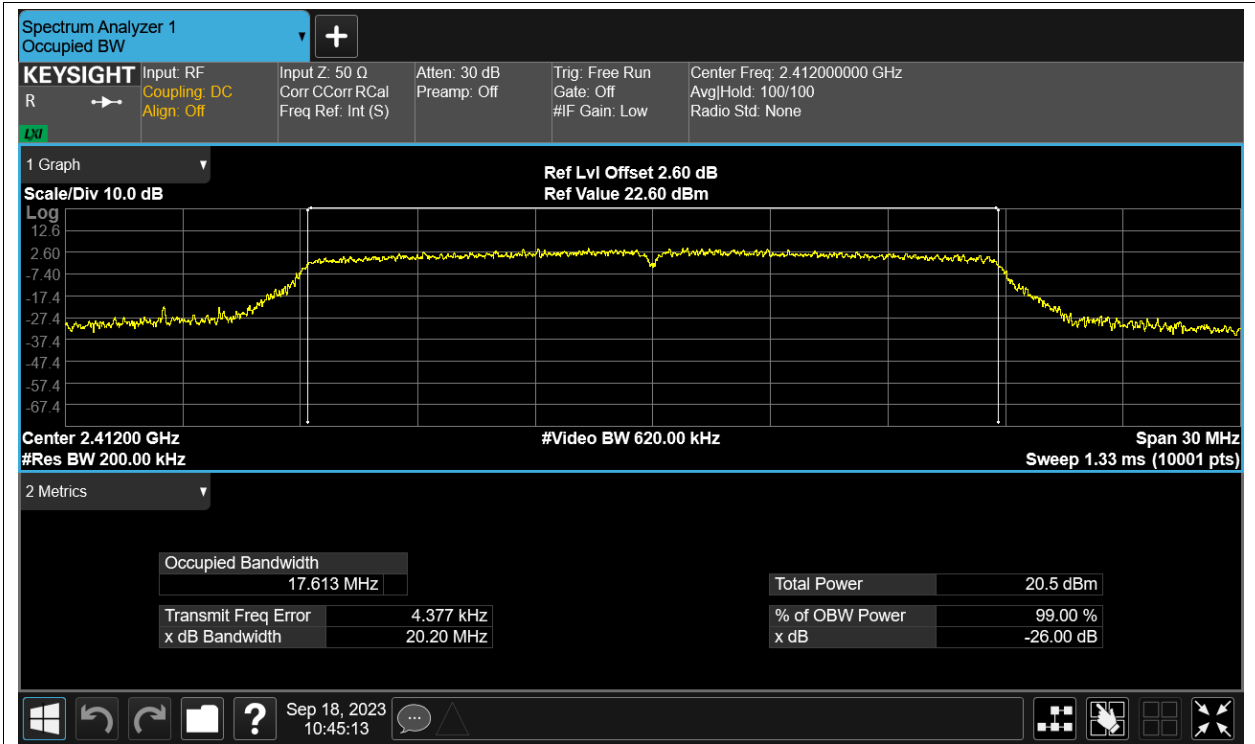
OBW NVNT g 2437MHz Ant14



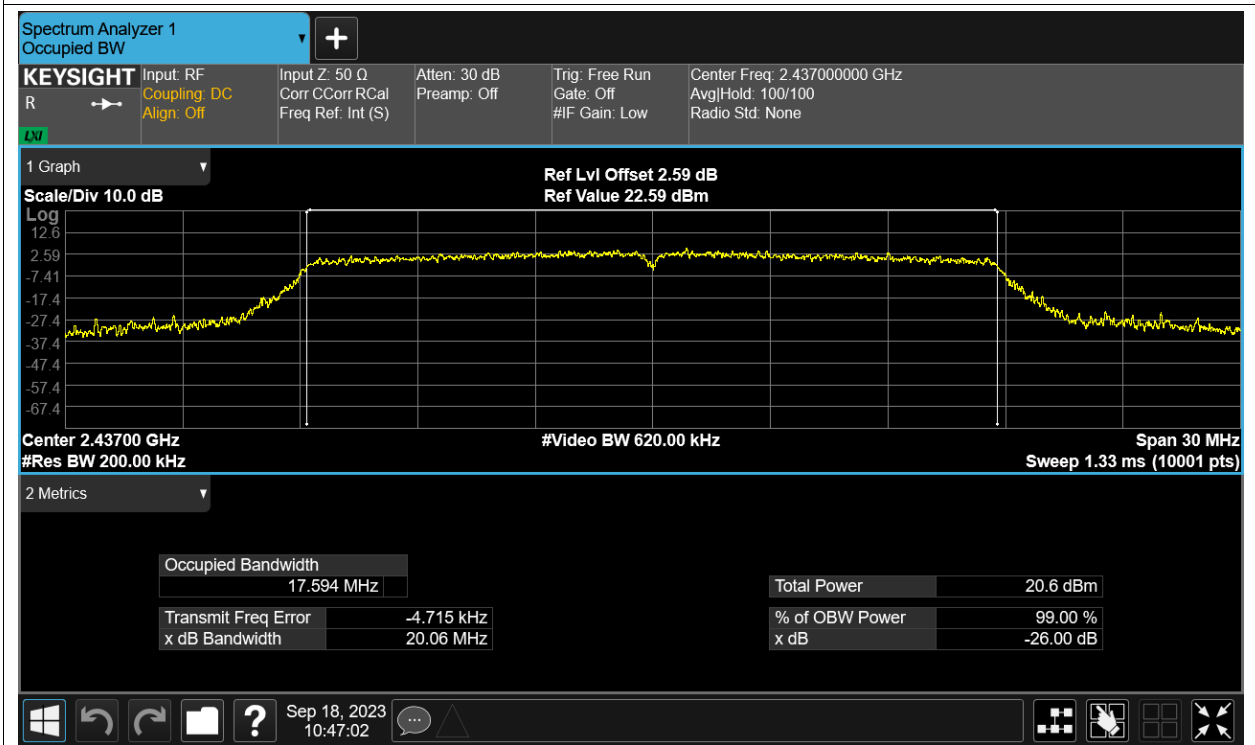
OBW NVNT g 2462MHz Ant14



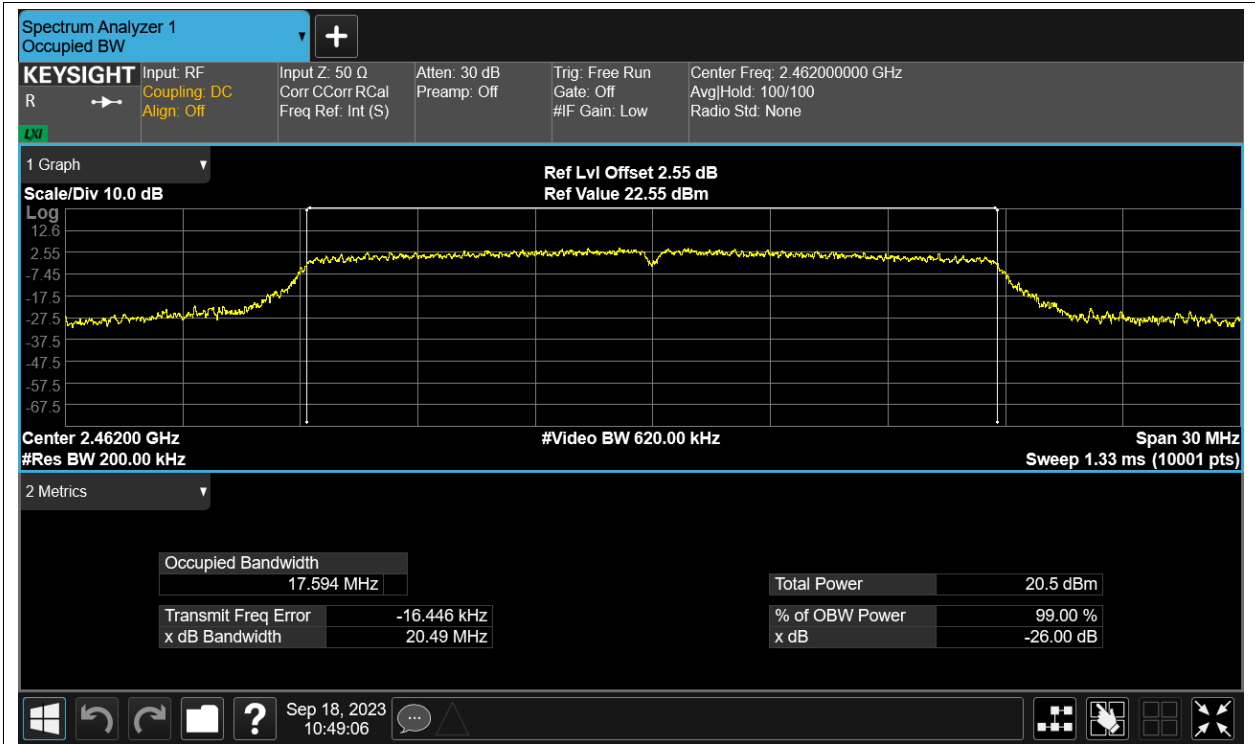
OBW NVNT n20 2412MHz Ant14



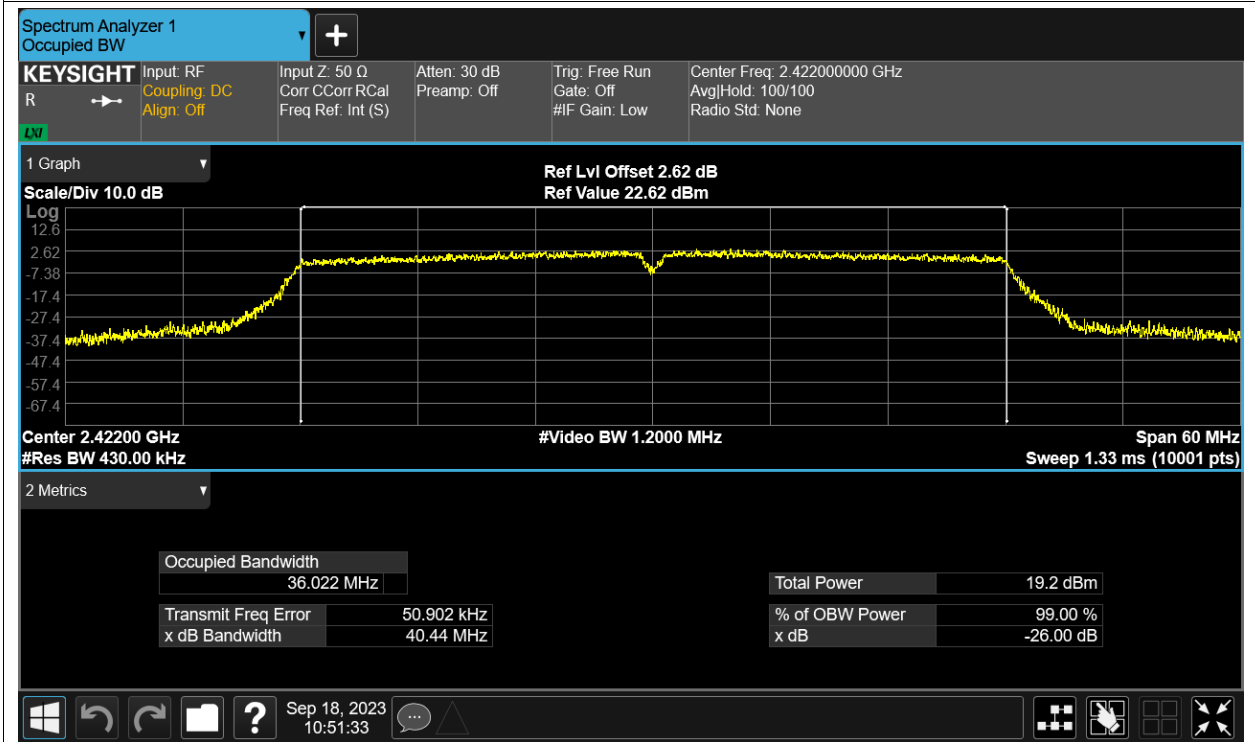
OBW NVNT n20 2437MHz Ant14



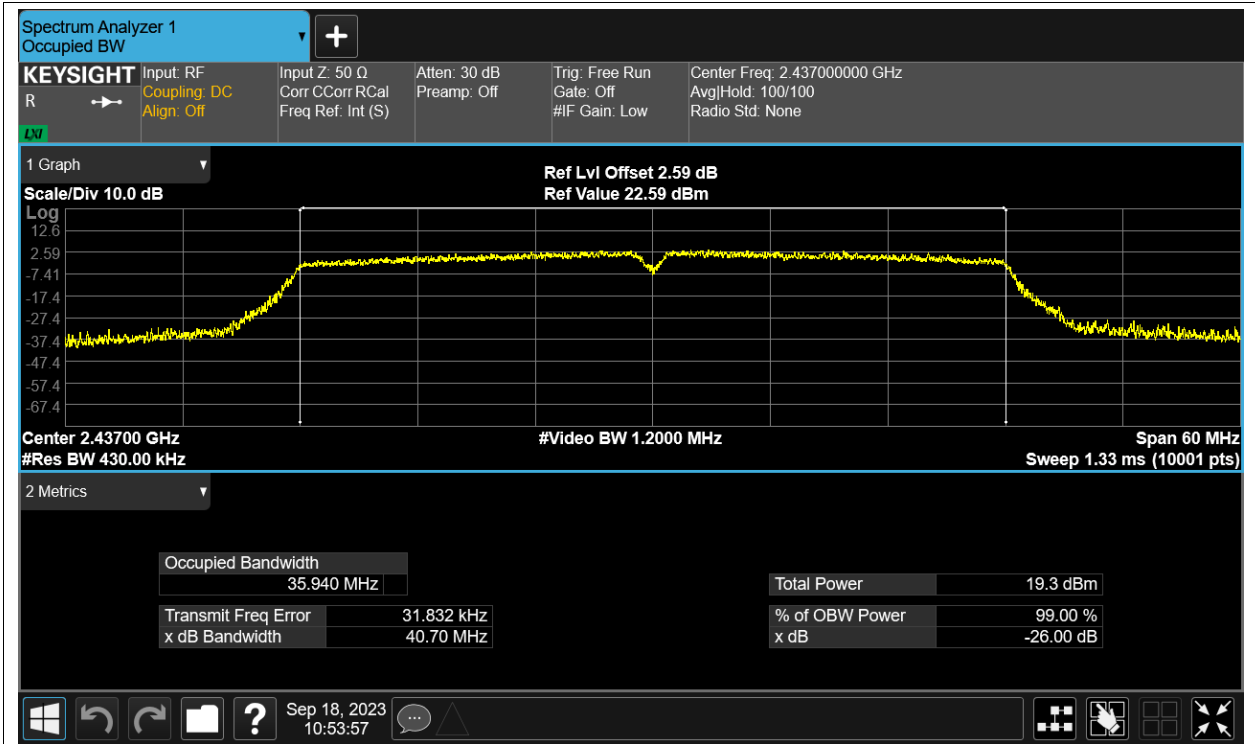
OBW NVNT n20 2462MHz Ant14



OBW NVNT n40 2422MHz Ant14



OBW NVNT n40 2437MHz Ant14



OBW NVNT n40 2452MHz Ant14

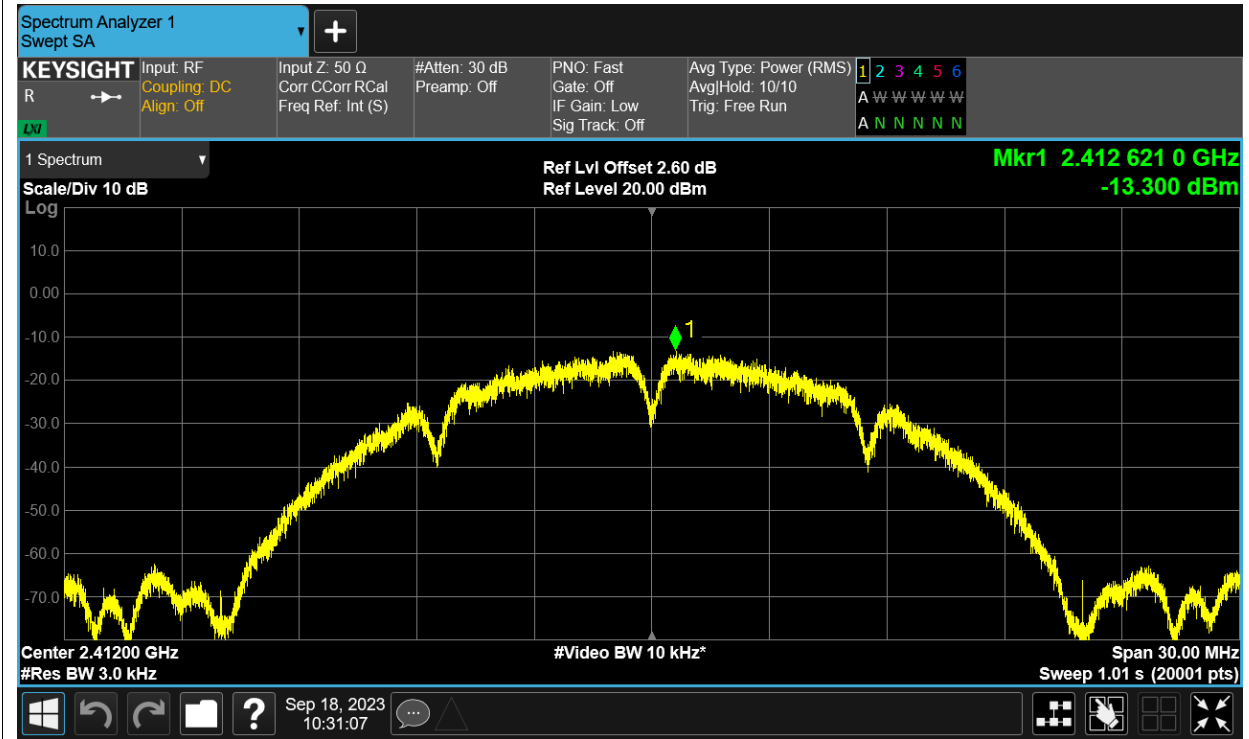


## Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant14	-13.3	8	Pass
NVNT	b	2437	Ant14	-12.142	8	Pass
NVNT	b	2462	Ant14	-12.376	8	Pass
NVNT	g	2412	Ant14	-16.356	8	Pass
NVNT	g	2437	Ant14	-16.016	8	Pass
NVNT	g	2462	Ant14	-14.94	8	Pass
NVNT	n20	2412	Ant14	-16.215	8	Pass
NVNT	n20	2437	Ant14	-16.536	8	Pass
NVNT	n20	2462	Ant14	-15.849	8	Pass
NVNT	n40	2422	Ant14	-20.975	8	Pass
NVNT	n40	2437	Ant14	-20.688	8	Pass
NVNT	n40	2452	Ant14	-20.616	8	Pass

Test Graphs

PSD NVNT b 2412MHz Ant14

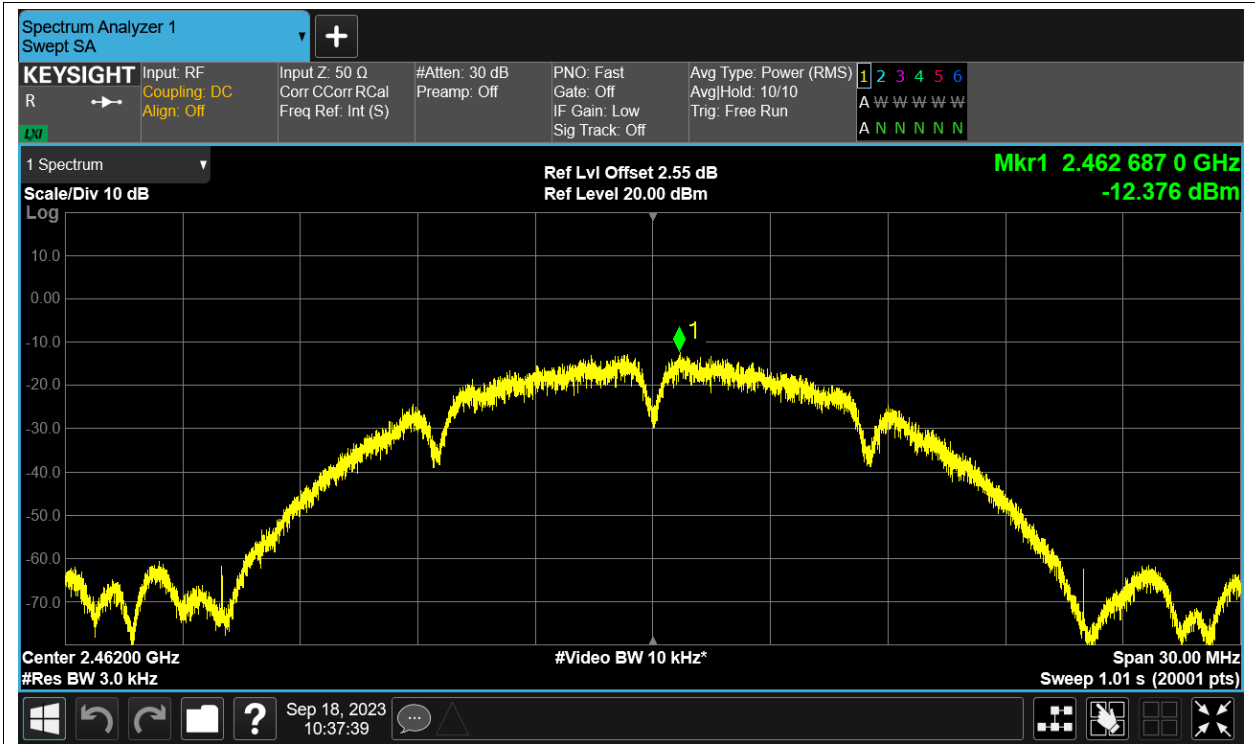


PSD NVNT b 2437MHz Ant14

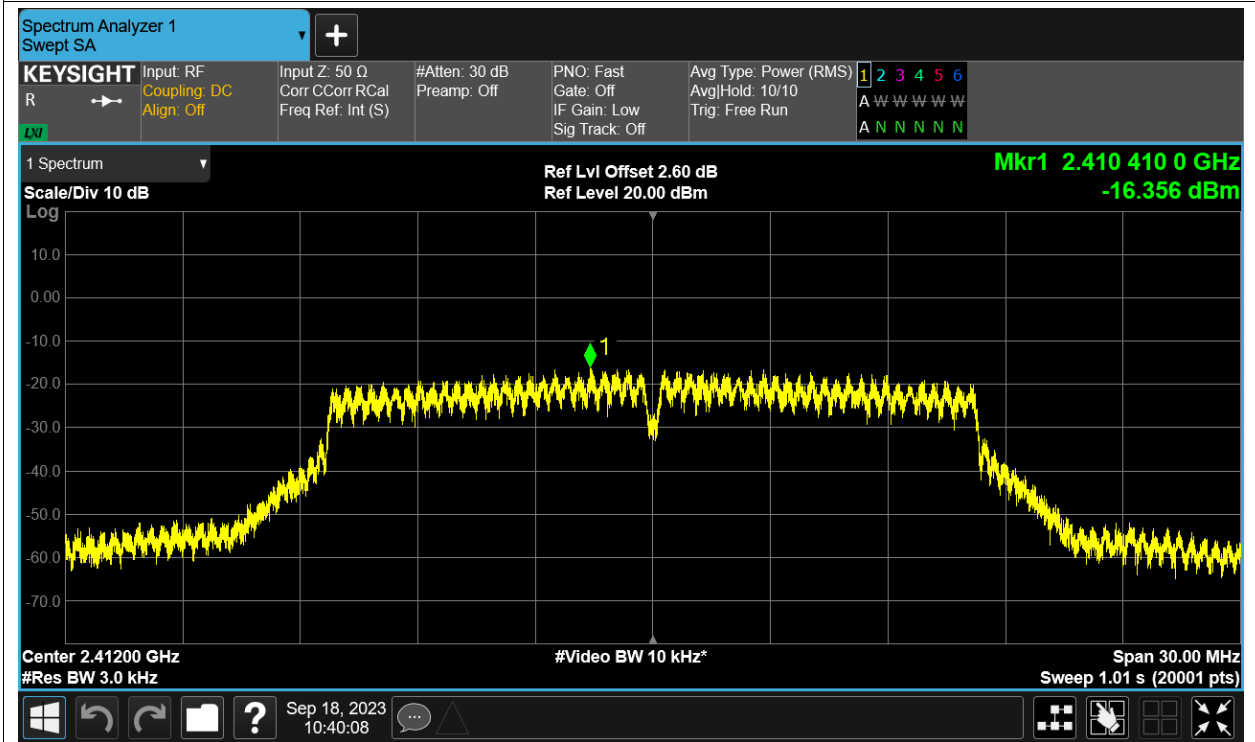


PSD NVNT b 2462MHz Ant14

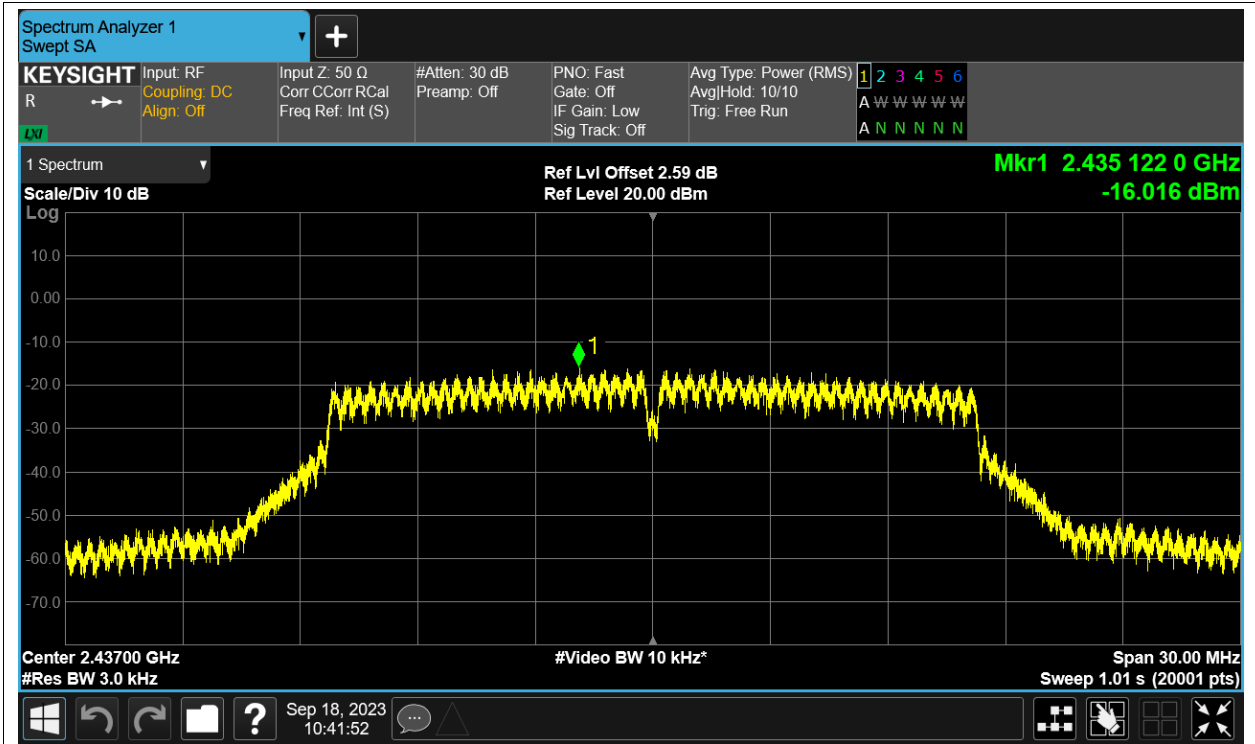




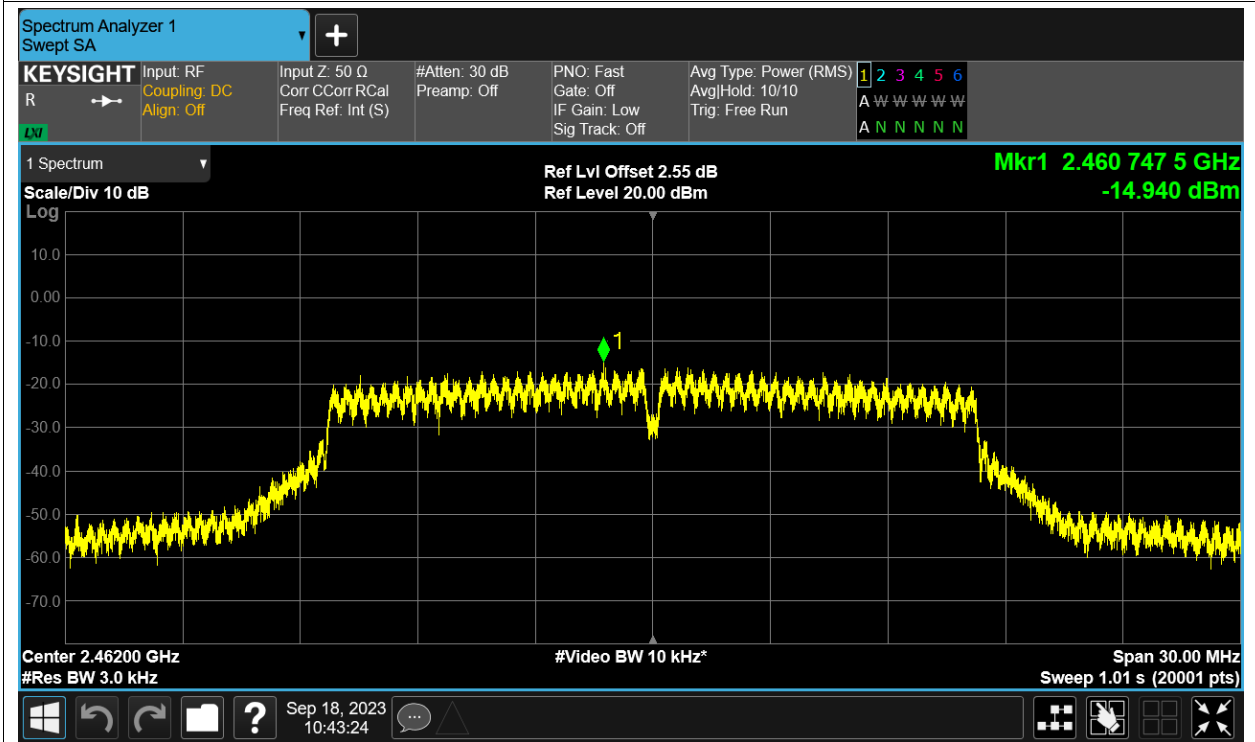
PSD NVNT g 2412MHz Ant14



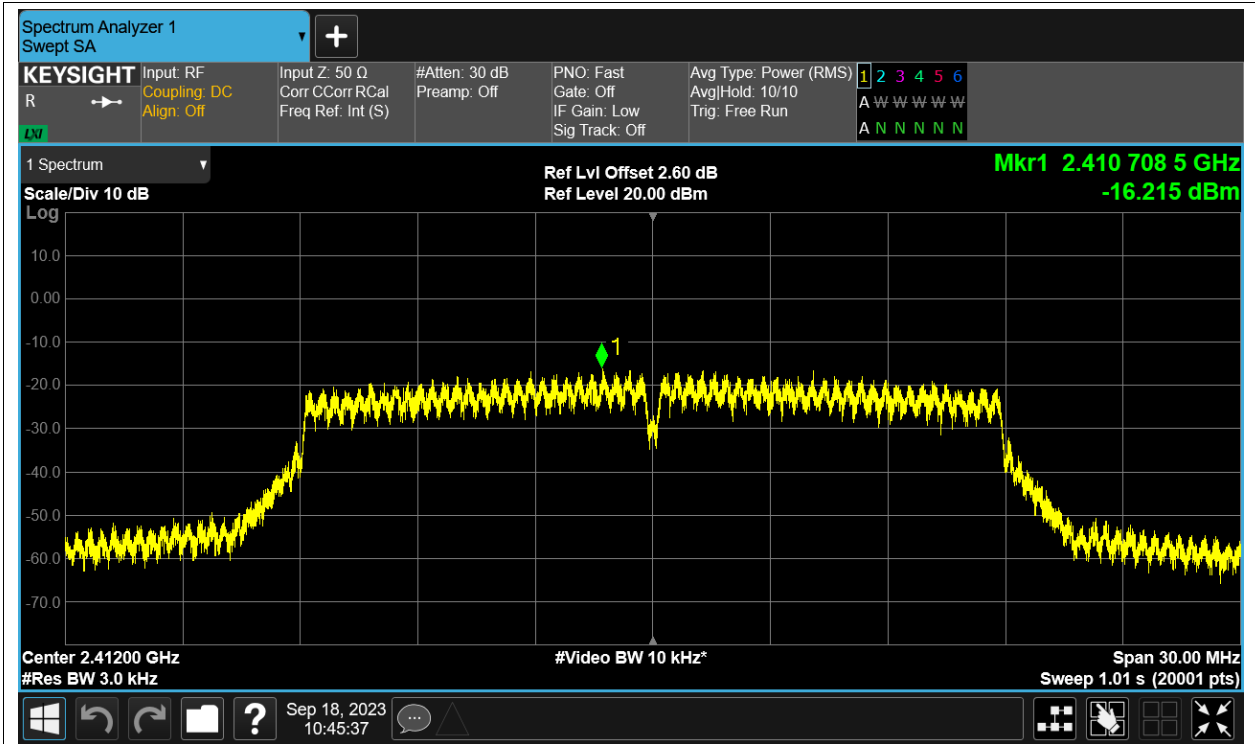
PSD NVNT g 2437MHz Ant14



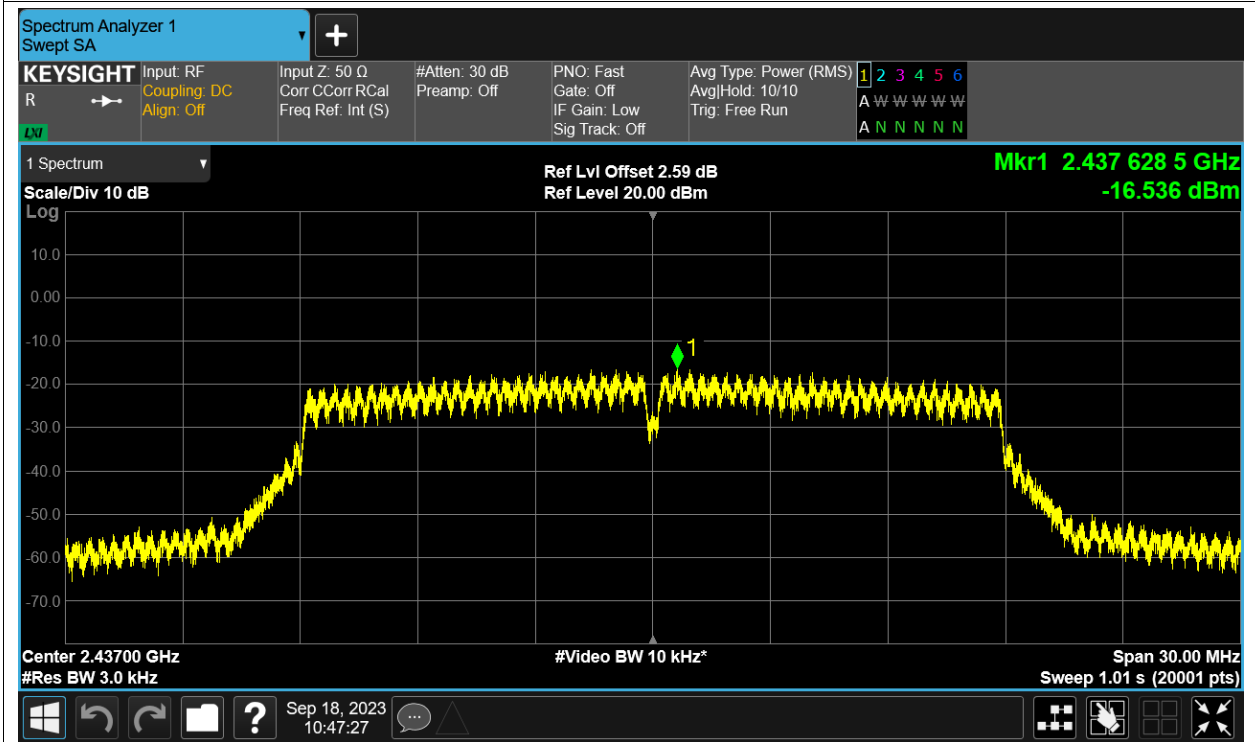
PSD NVNT g 2462MHz Ant14



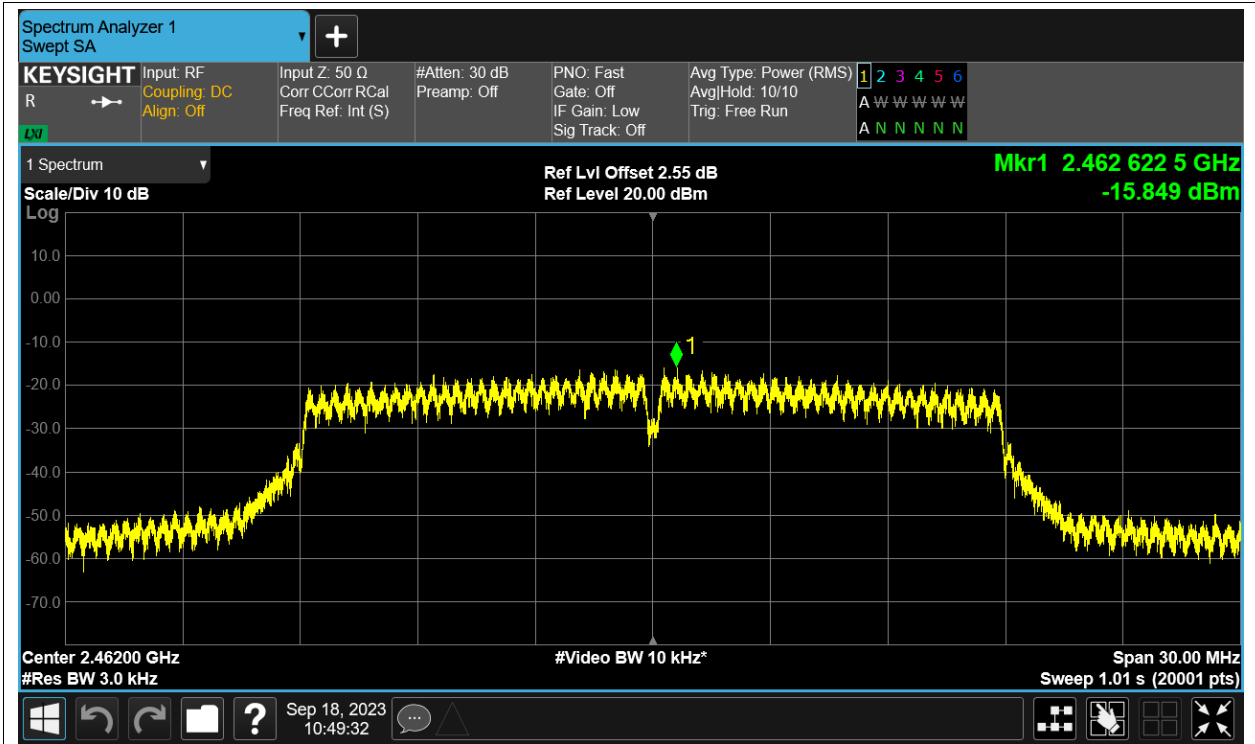
PSD NVNT n20 2412MHz Ant14



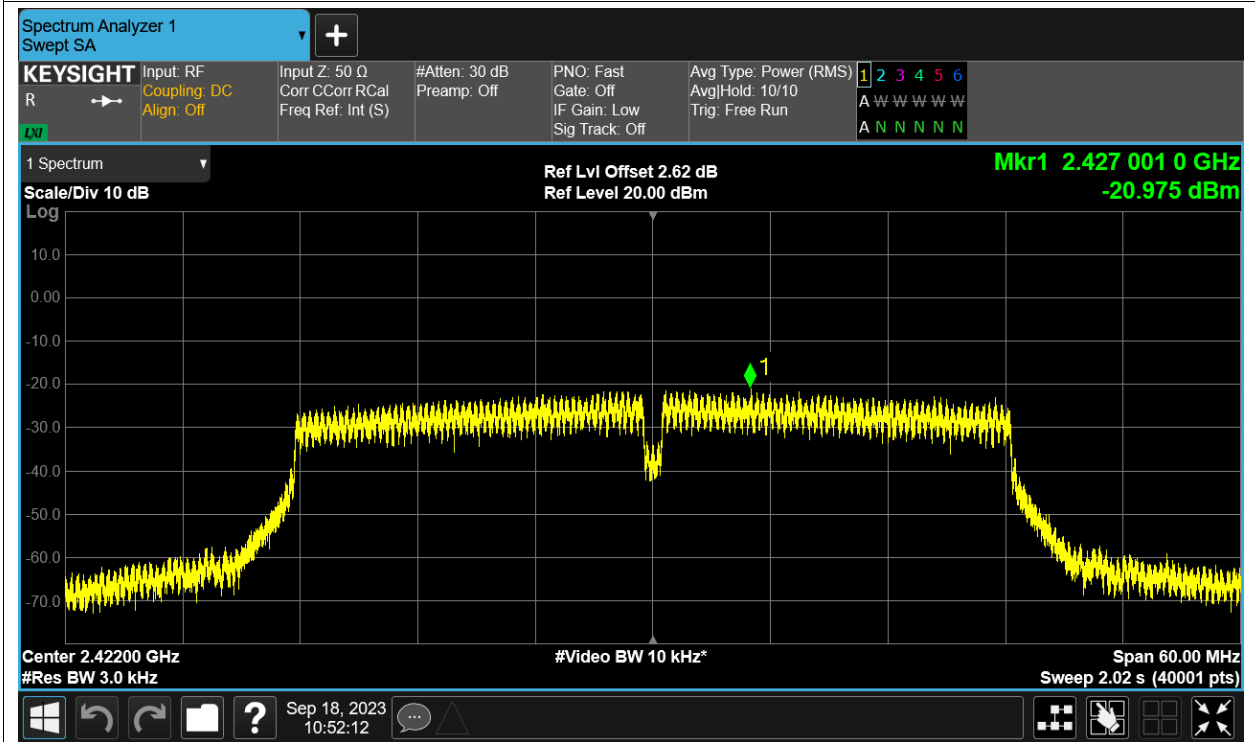
PSD NVNT n20 2437MHz Ant14



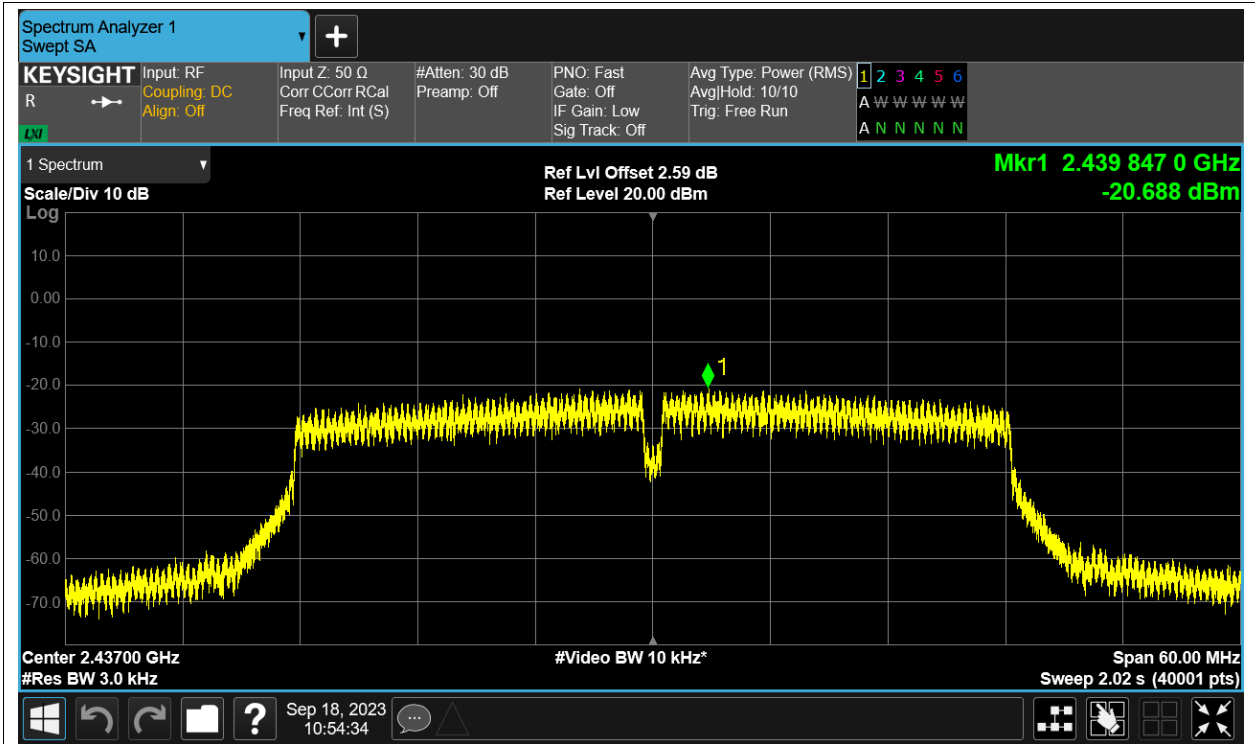
PSD NVNT n20 2462MHz Ant14



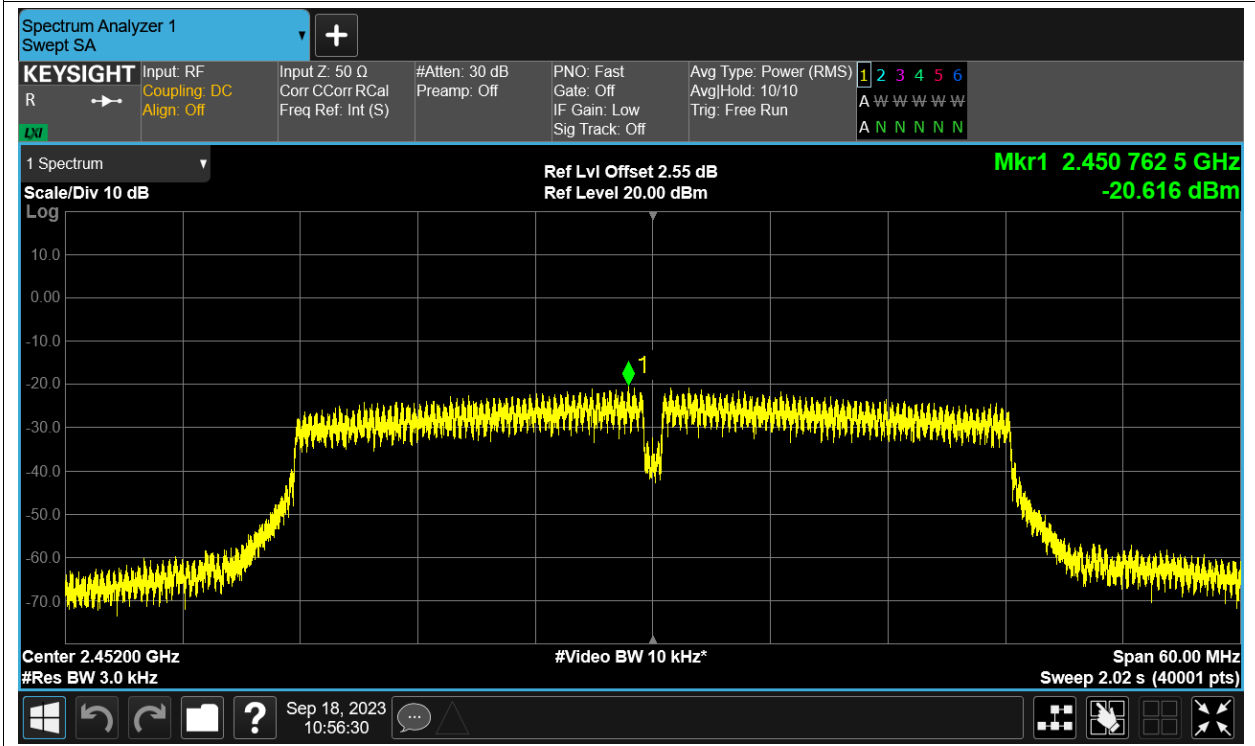
PSD NVNT n40 2422MHz Ant14



PSD NVNT n40 2437MHz Ant14



PSD NVNT n40 2452MHz Ant14

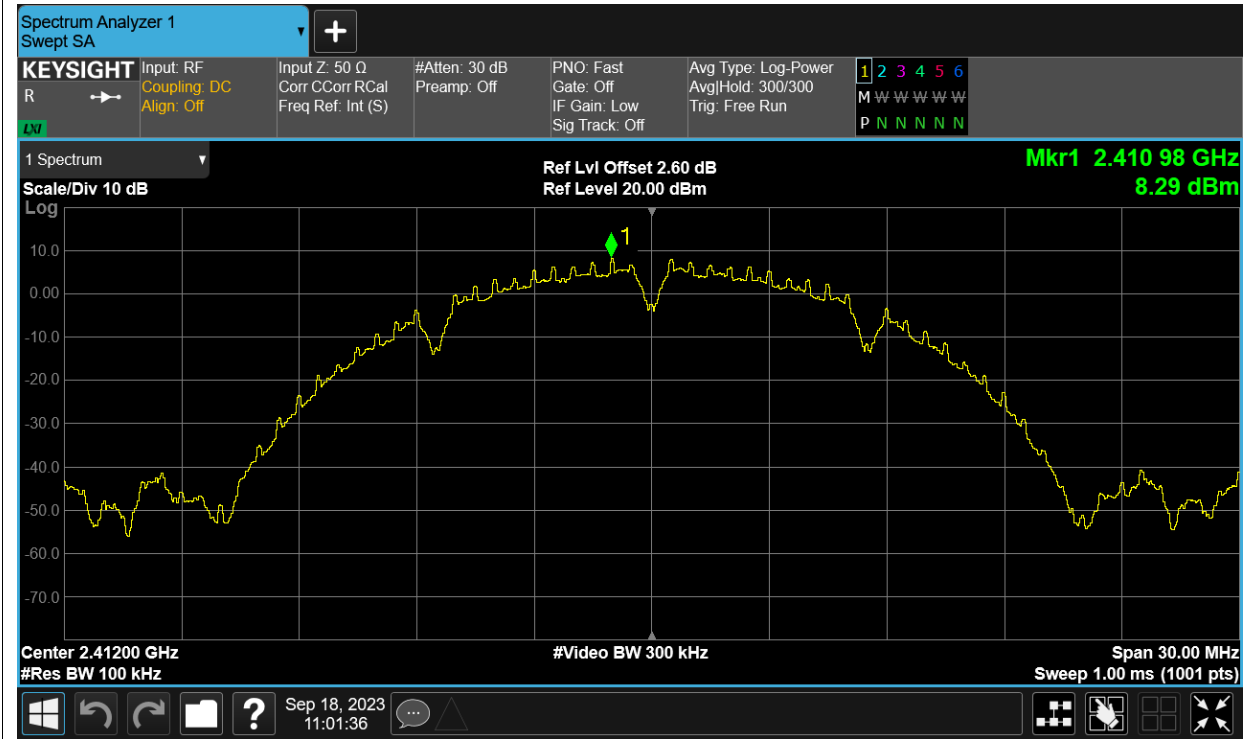


## Band Edge

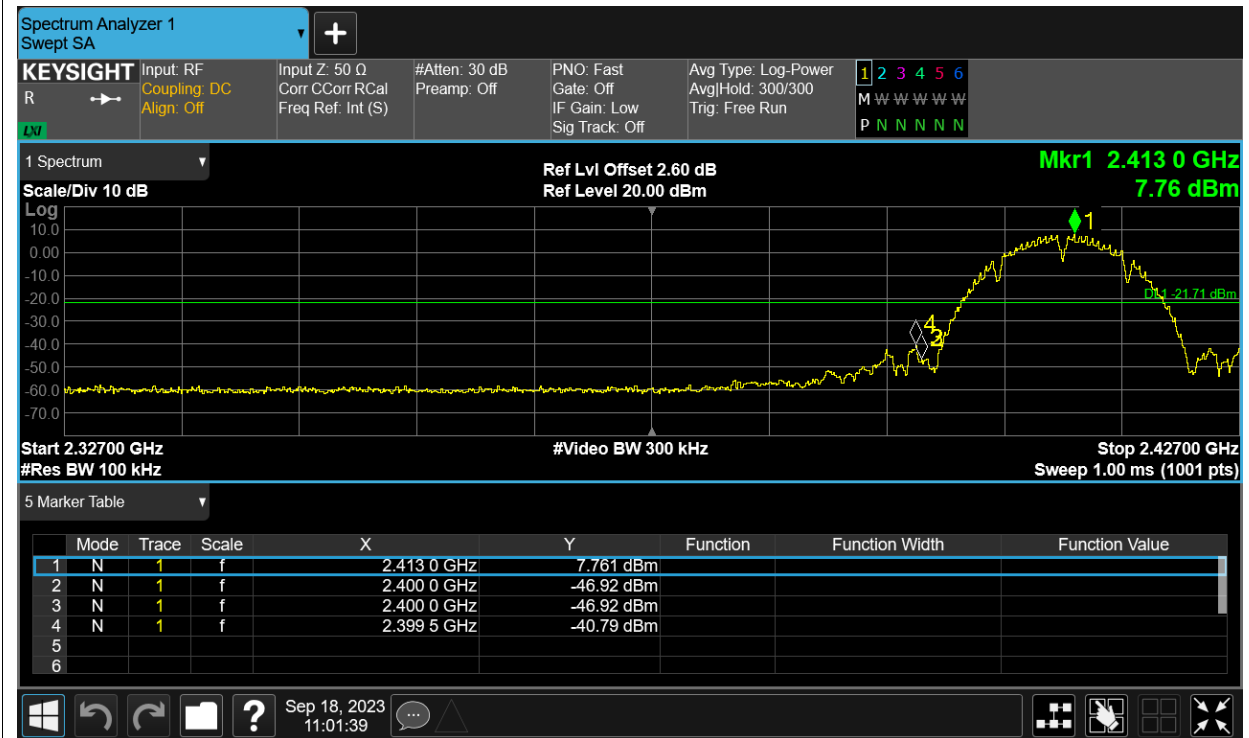
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant14	-49.08	-30	Pass
NVNT	b	2462	Ant14	-61.46	-30	Pass
NVNT	g	2412	Ant14	-30.58	-30	Pass
NVNT	g	2462	Ant14	-47.3	-30	Pass
NVNT	n20	2412	Ant14	-30.75	-30	Pass
NVNT	n20	2462	Ant14	-42.6	-30	Pass
NVNT	n40	2422	Ant14	-34.01	-30	Pass
NVNT	n40	2452	Ant14	-38.84	-30	Pass

Test Graphs

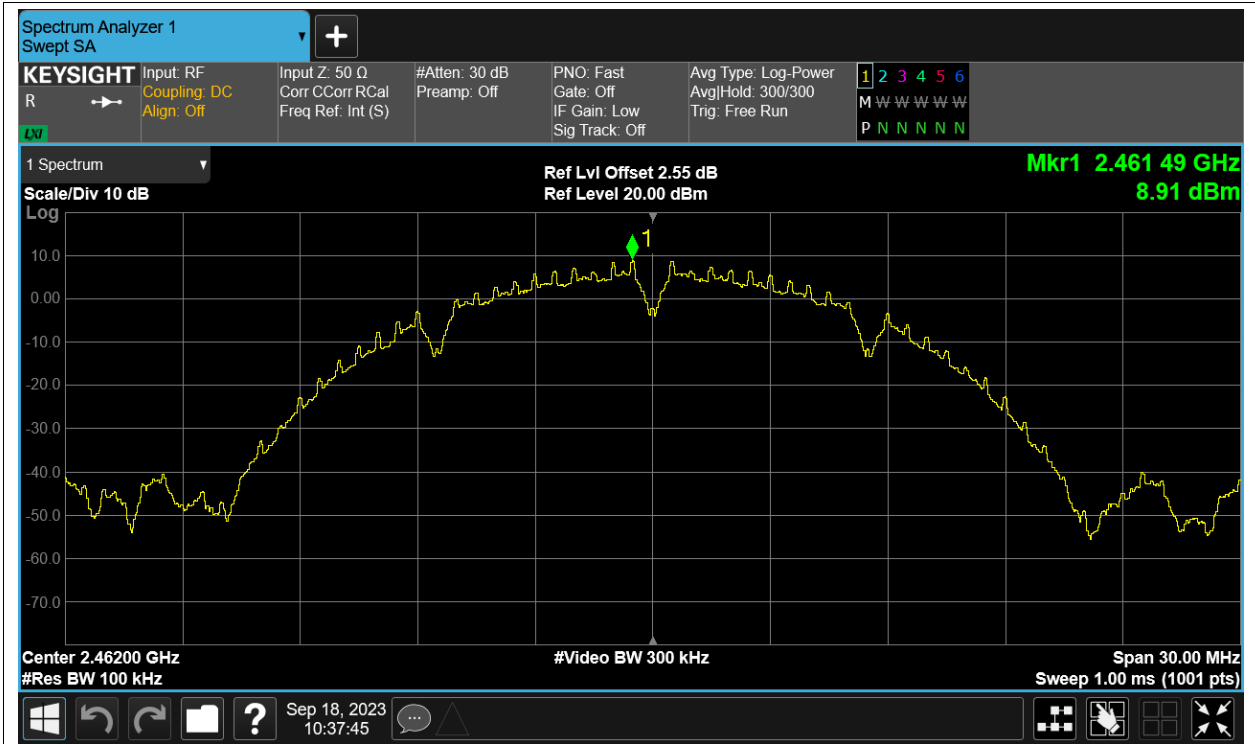
Band Edge NVNT b 2412MHz Ant14 Ref



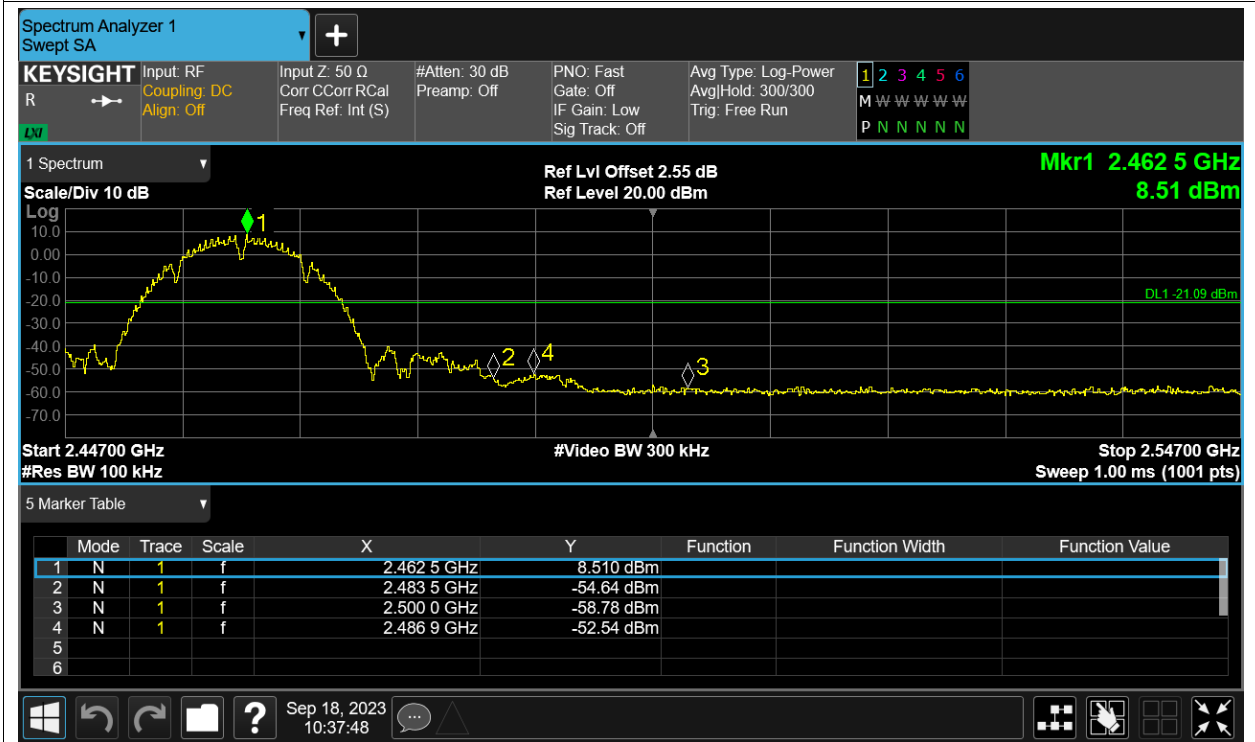
Band Edge NVNT b 2412MHz Ant14 Emission



Band Edge NVNT b 2462MHz Ant14 Ref

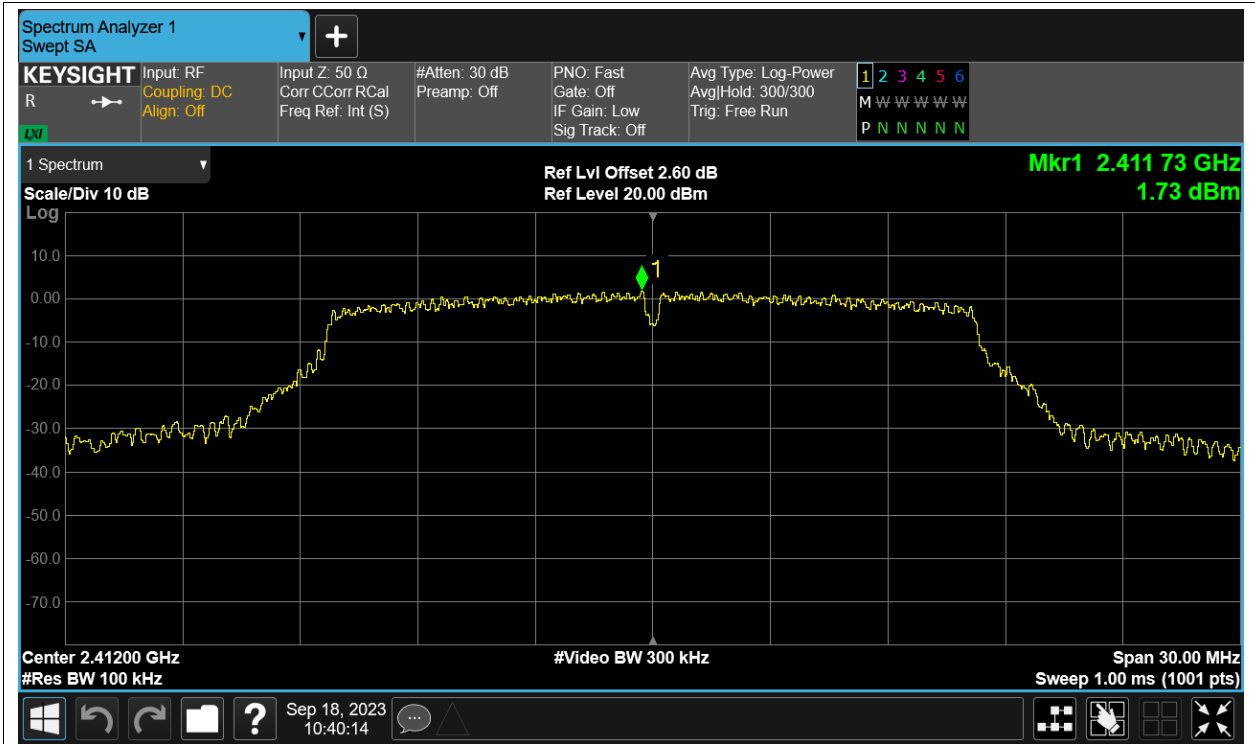


Band Edge NVNT b 2462MHz Ant14 Emission

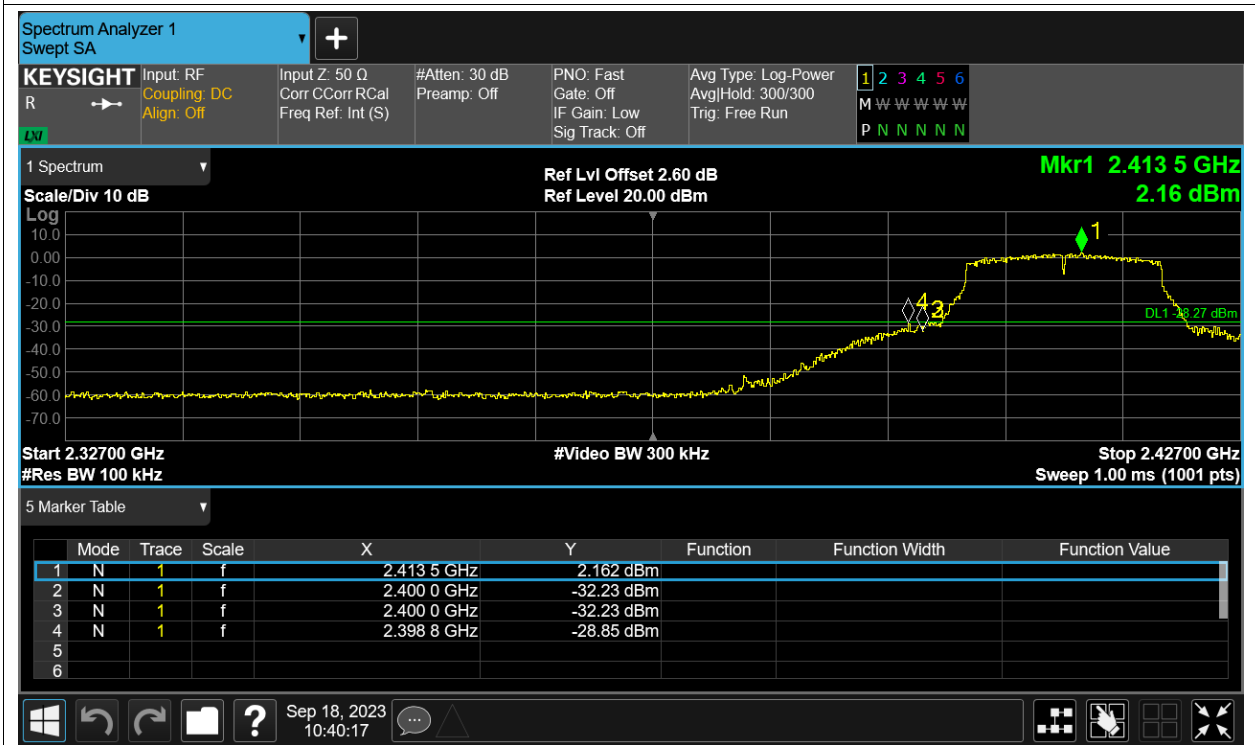


Band Edge NVNT g 2412MHz Ant14 Ref

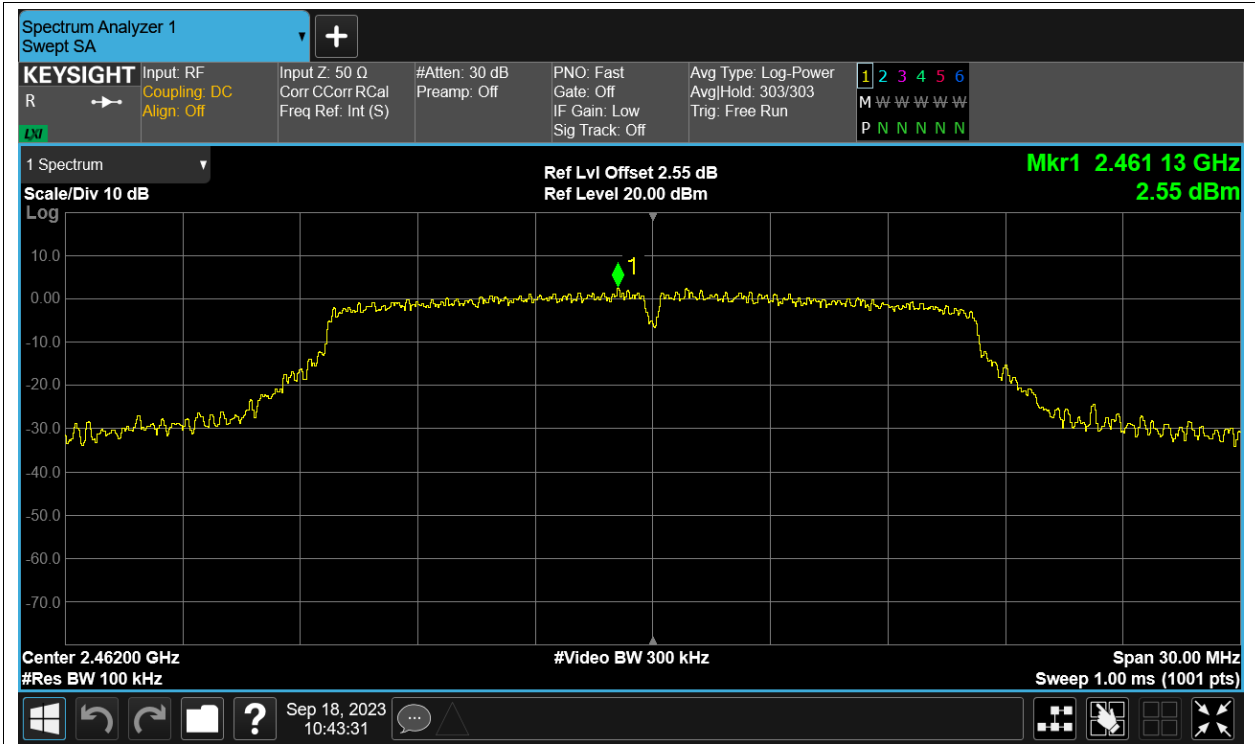




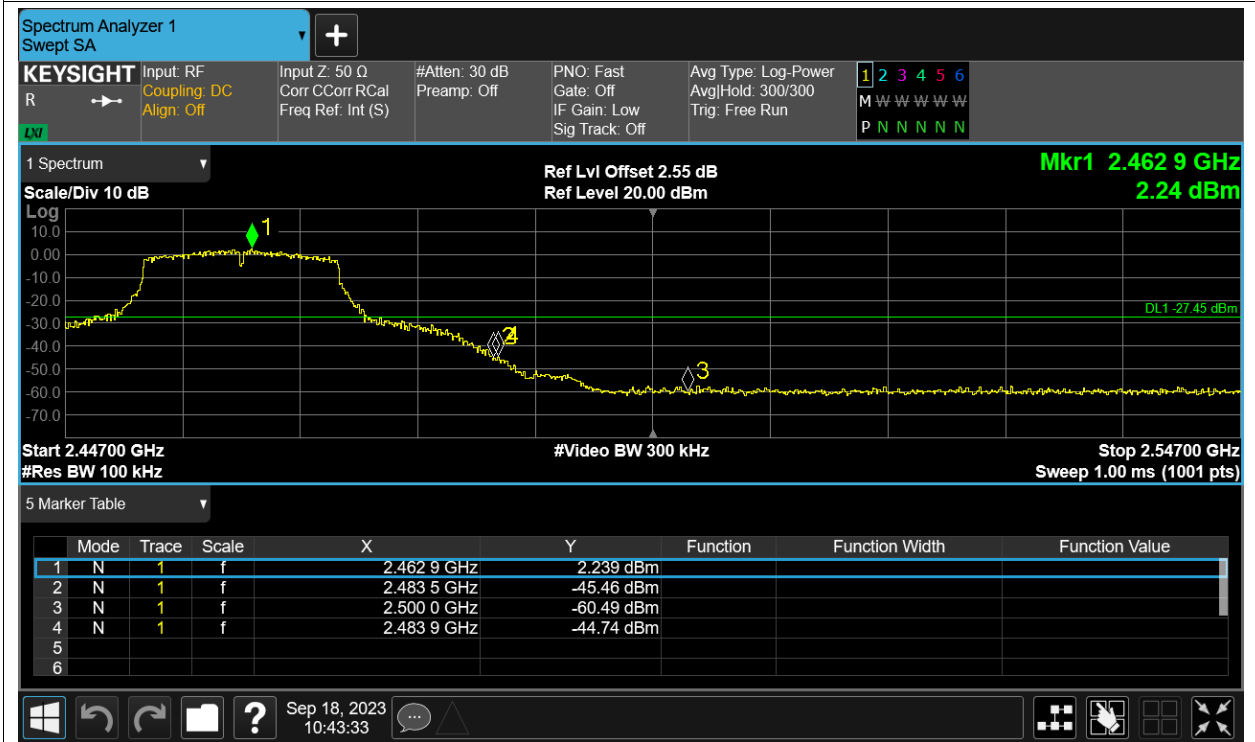
Band Edge NVNT g 2412MHz Ant14 Emission



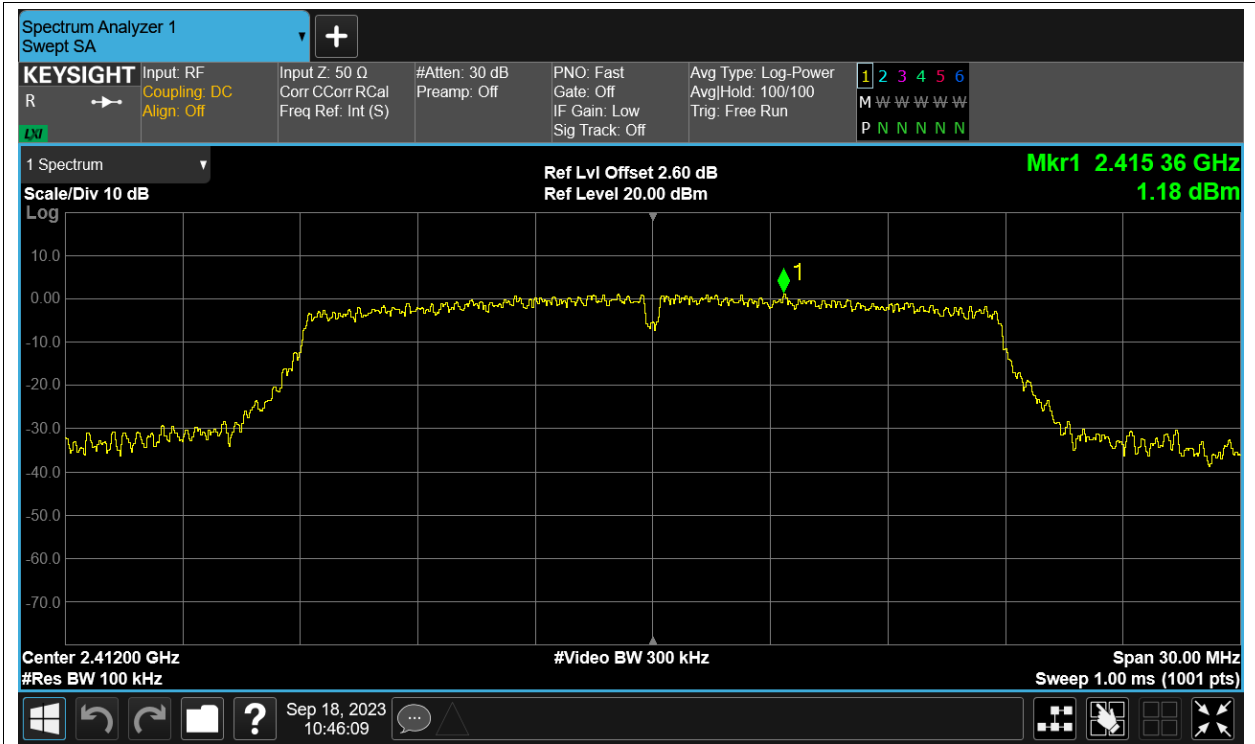
Band Edge NVNT g 2462MHz Ant14 Ref



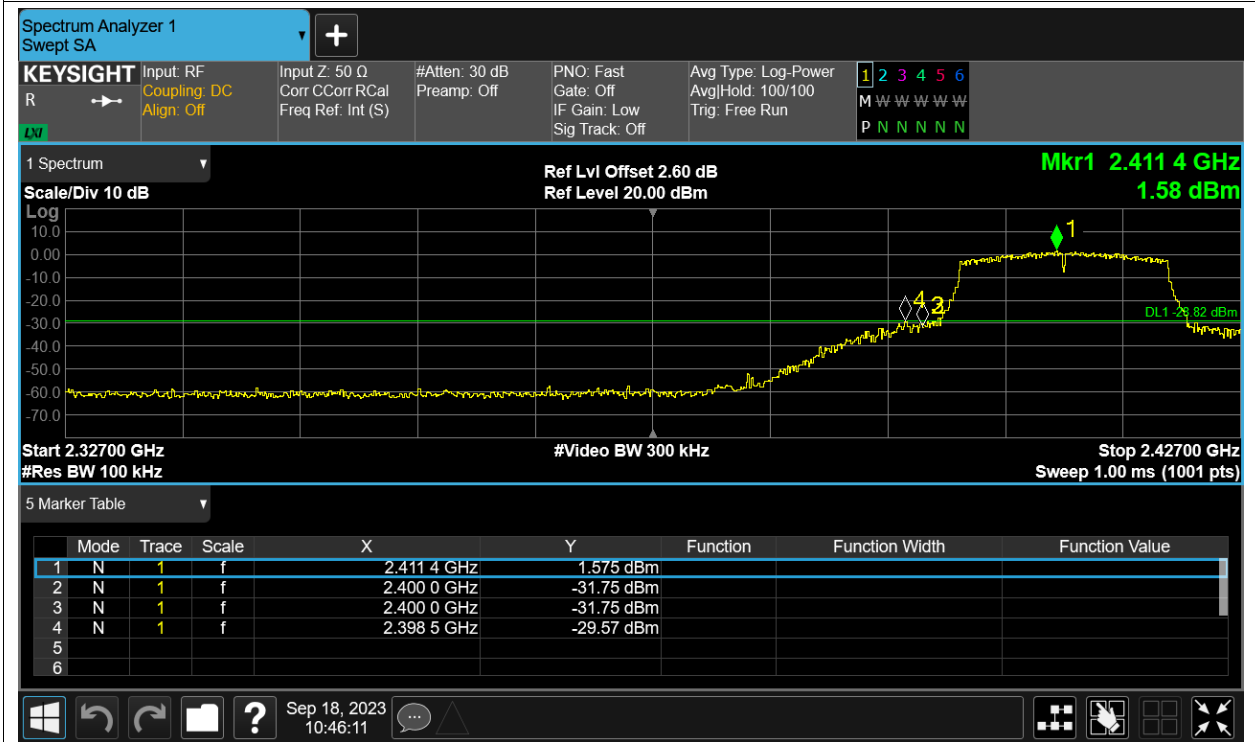
Band Edge NVNT g 2462MHz Ant14 Emission



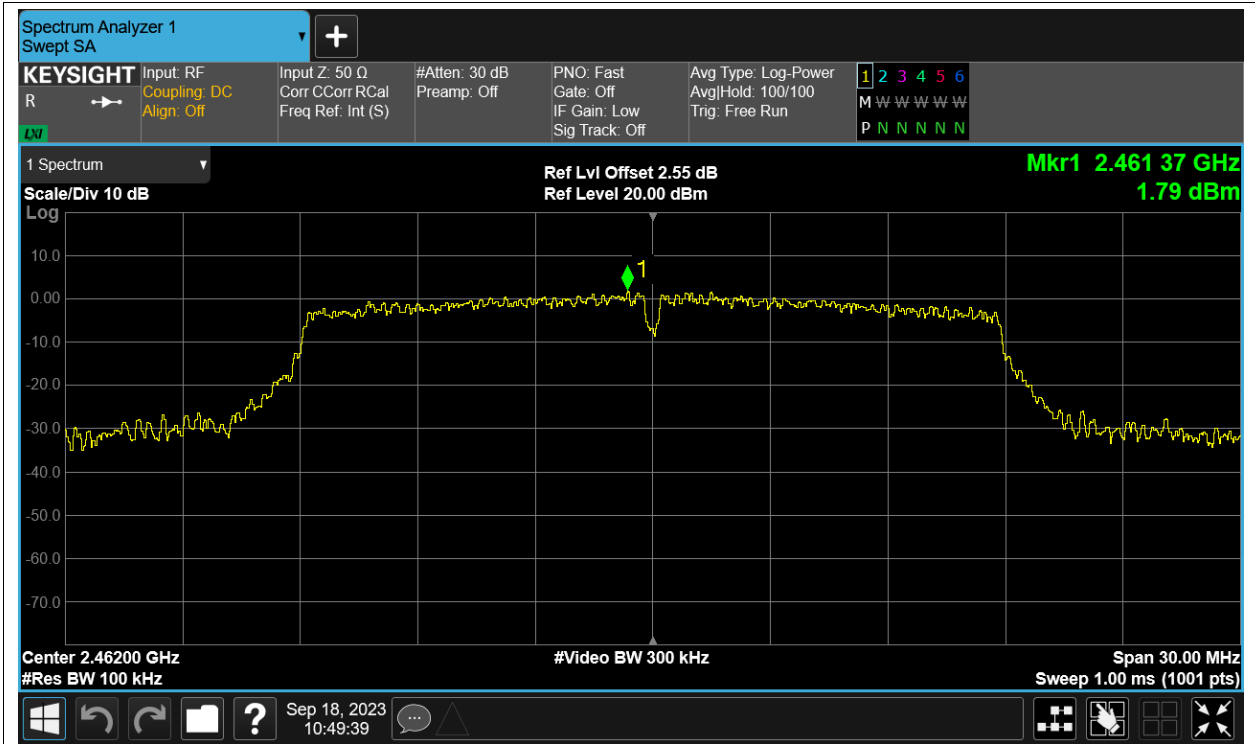
Band Edge NVNT n20 2412MHz Ant14 Ref



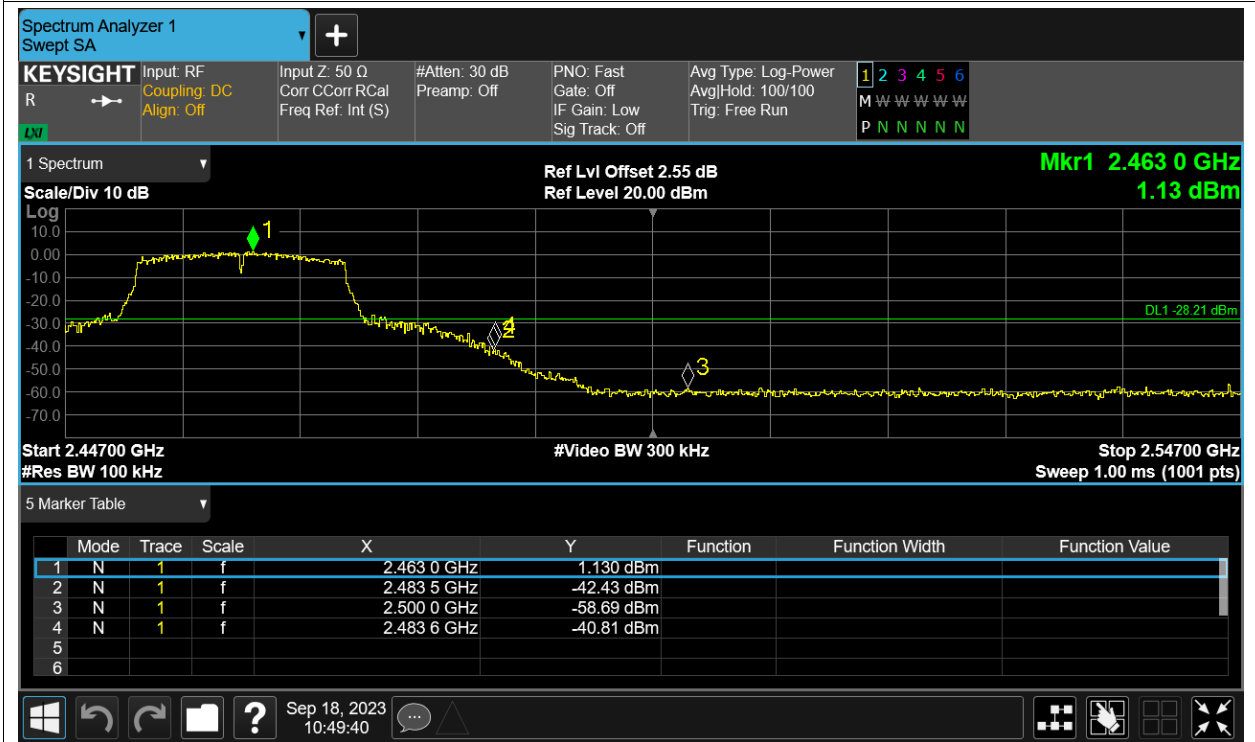
Band Edge NVNT n20 2412MHz Ant14 Emission



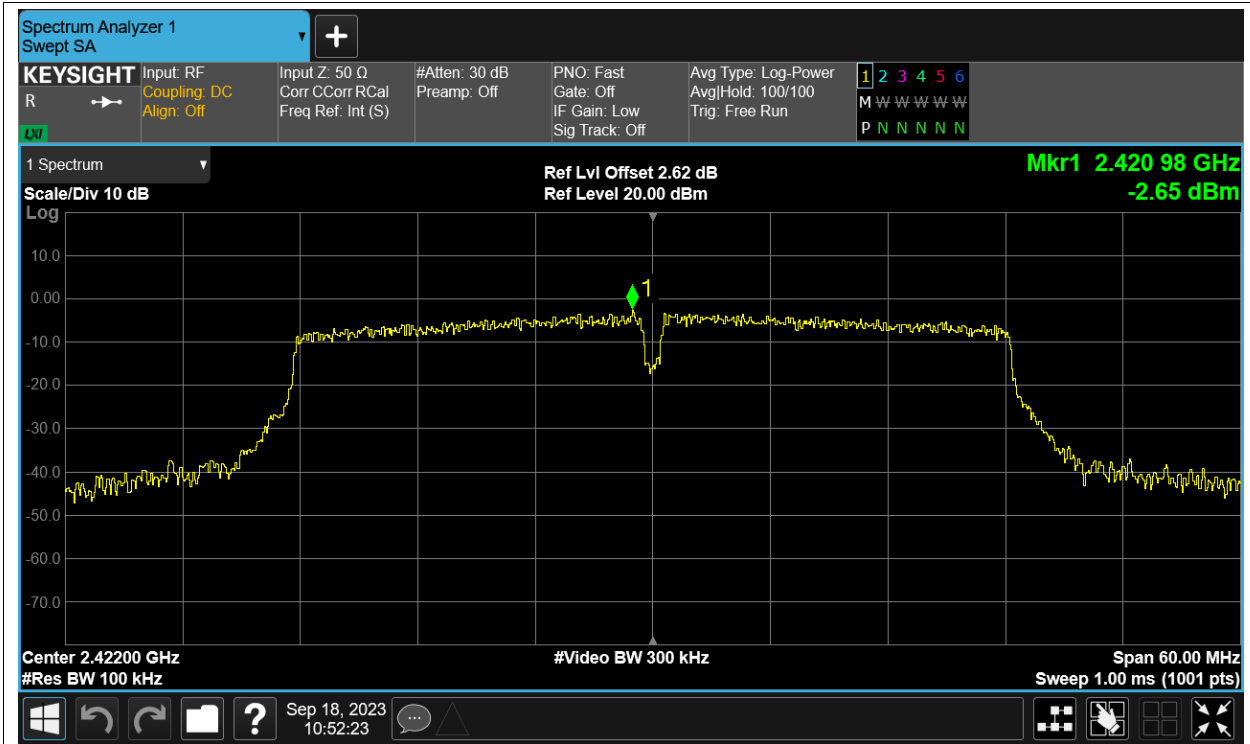
Band Edge NVNT n20 2462MHz Ant14 Ref



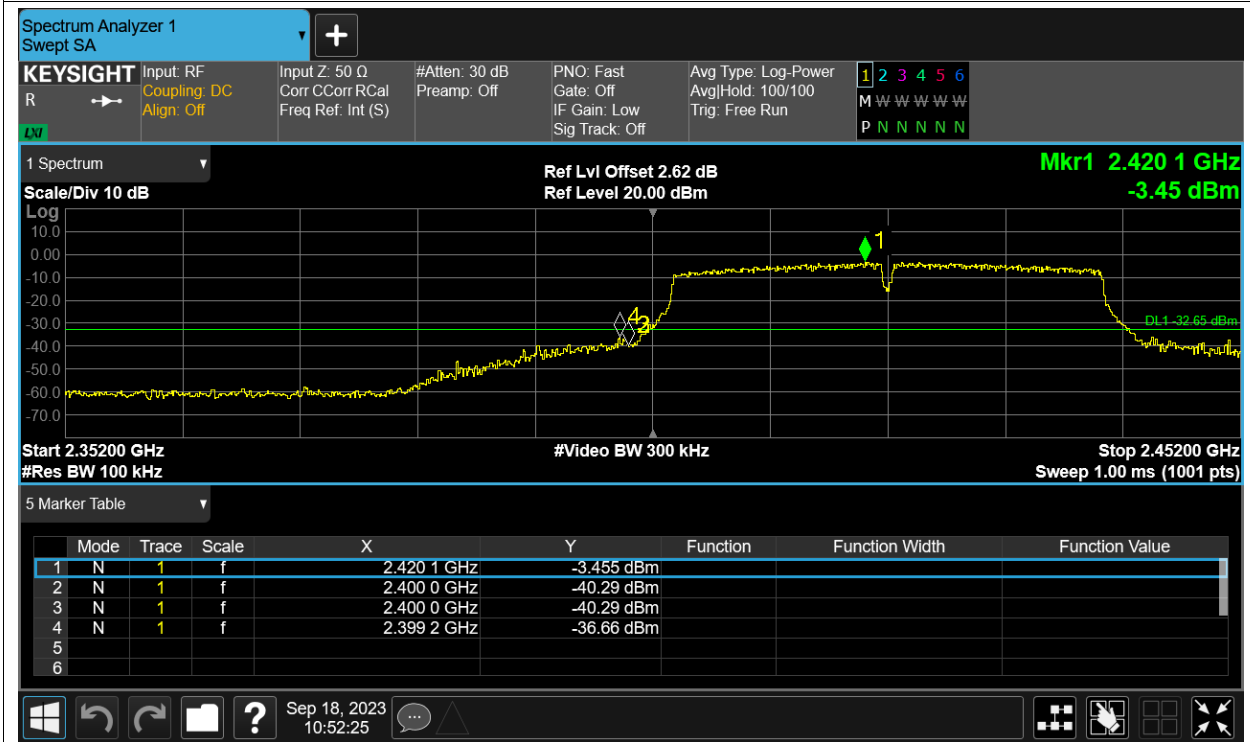
Band Edge NVNT n20 2462MHz Ant14 Emission



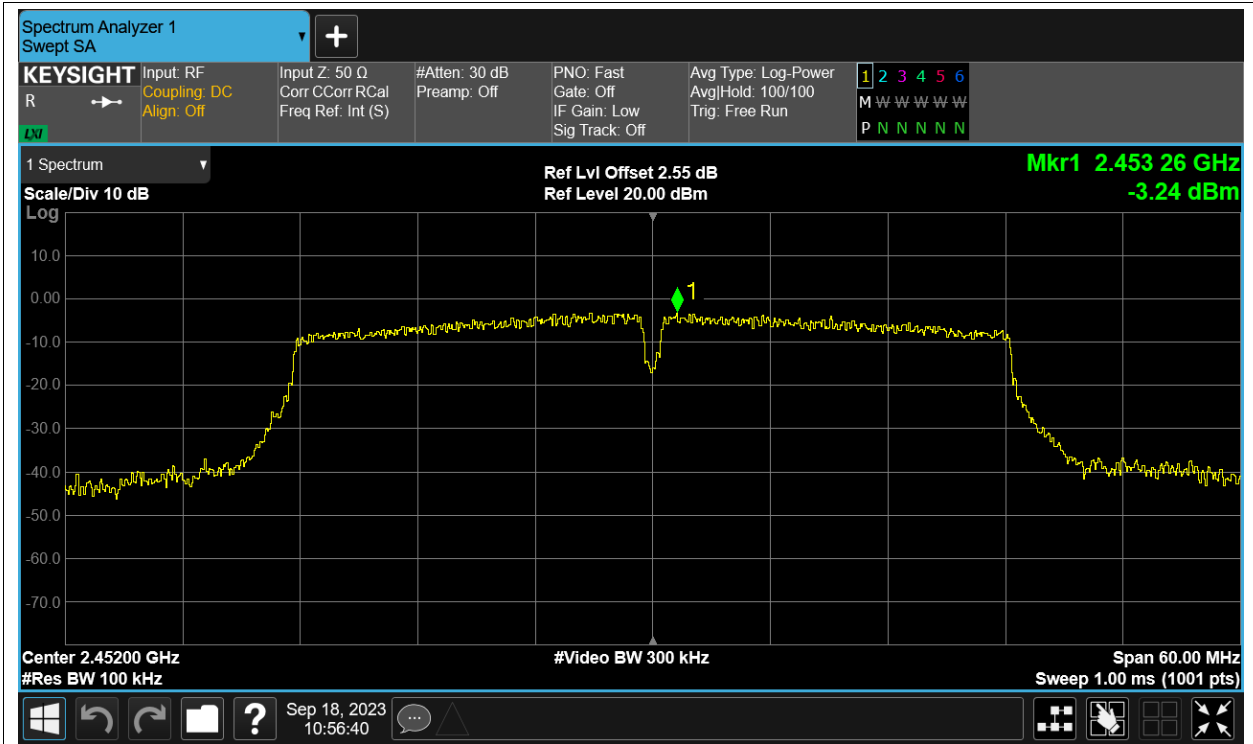
Band Edge NVNT n40 2422MHz Ant14 Ref



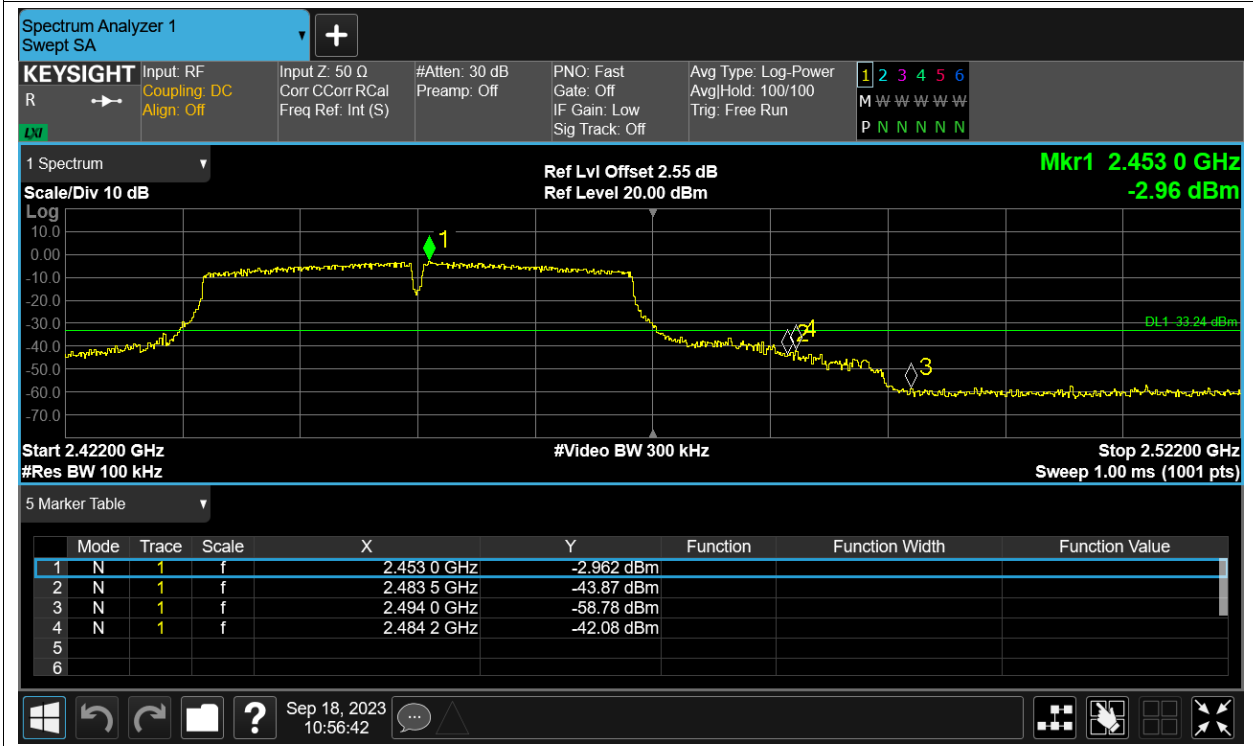
Band Edge NVNT n40 2422MHz Ant14 Emission



Band Edge NVNT n40 2452MHz Ant14 Ref



Band Edge NVNT n40 2452MHz Ant14 Emission

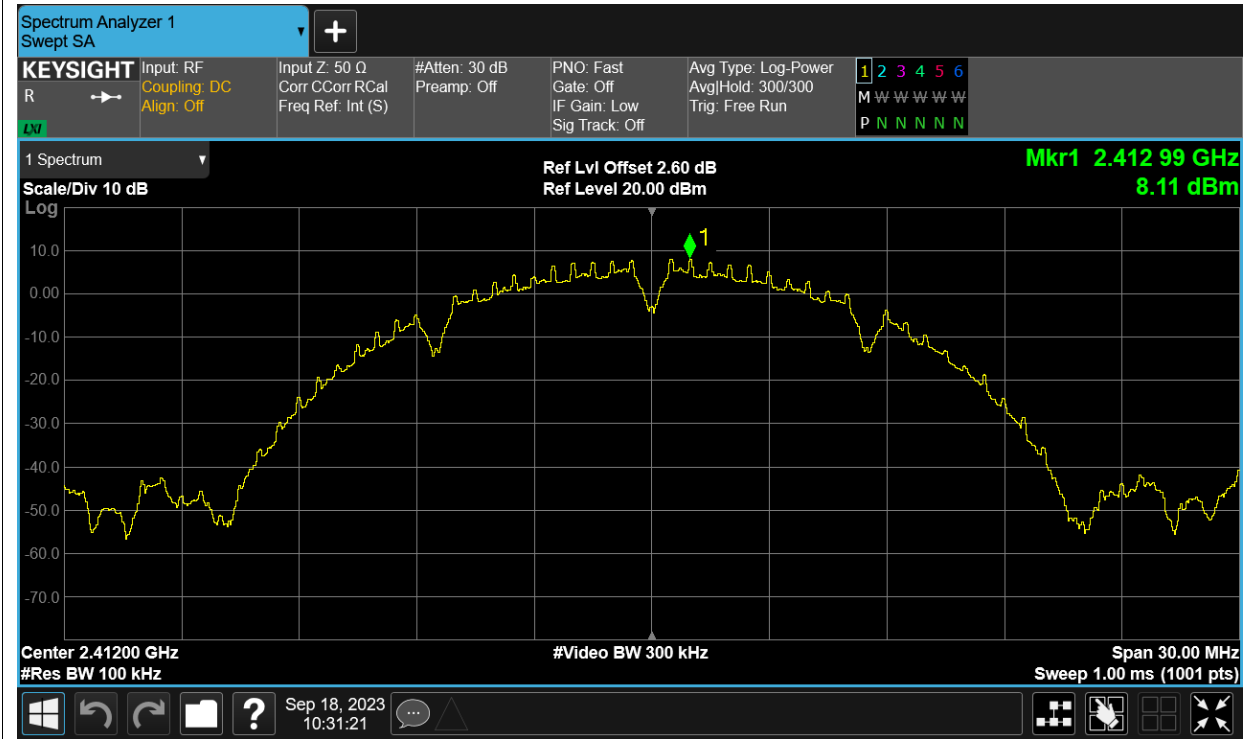


## Conducted RF Spurious Emission

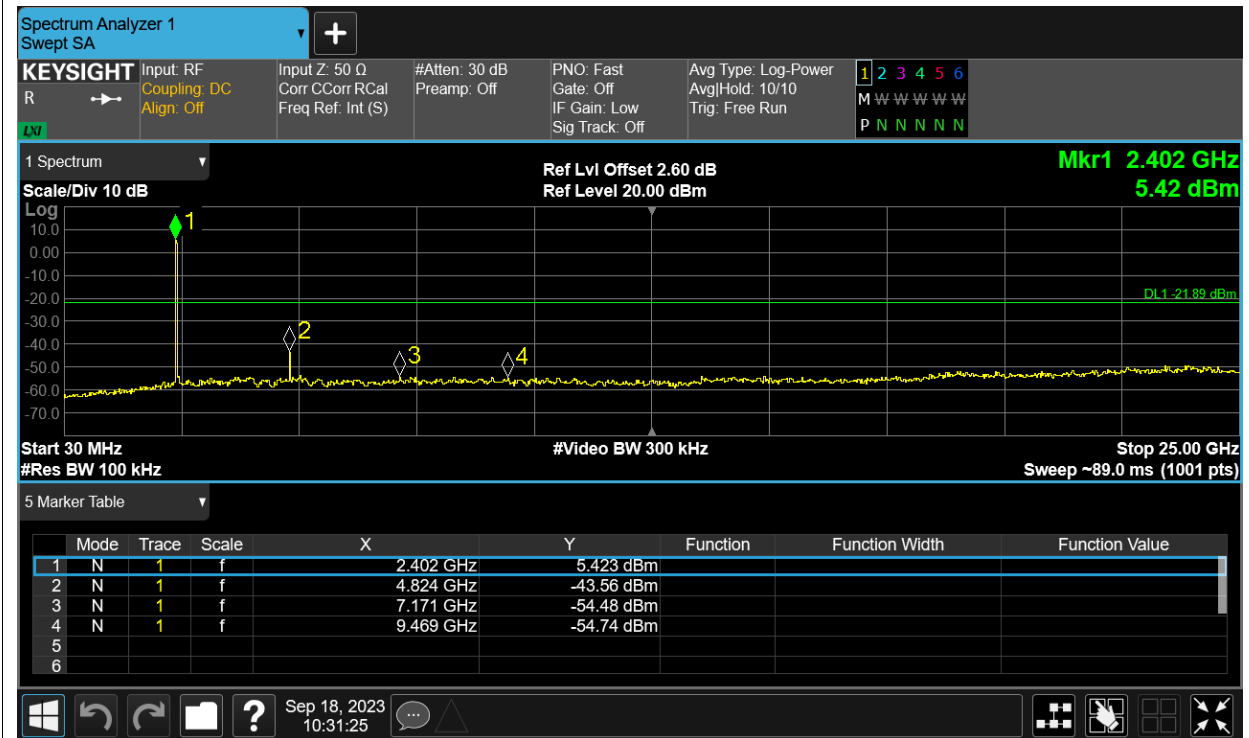
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant14	-51.67	-30	Pass
NVNT	b	2437	Ant14	-53.8	-30	Pass
NVNT	b	2462	Ant14	-52.33	-30	Pass
NVNT	g	2412	Ant14	-51.49	-30	Pass
NVNT	g	2437	Ant14	-51.2	-30	Pass
NVNT	g	2462	Ant14	-51.23	-30	Pass
NVNT	n20	2412	Ant14	-50.31	-30	Pass
NVNT	n20	2437	Ant14	-50.56	-30	Pass
NVNT	n20	2462	Ant14	-50.8	-30	Pass
NVNT	n40	2422	Ant14	-46.2	-30	Pass
NVNT	n40	2437	Ant14	-46.41	-30	Pass
NVNT	n40	2452	Ant14	-46.15	-30	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant14 Ref

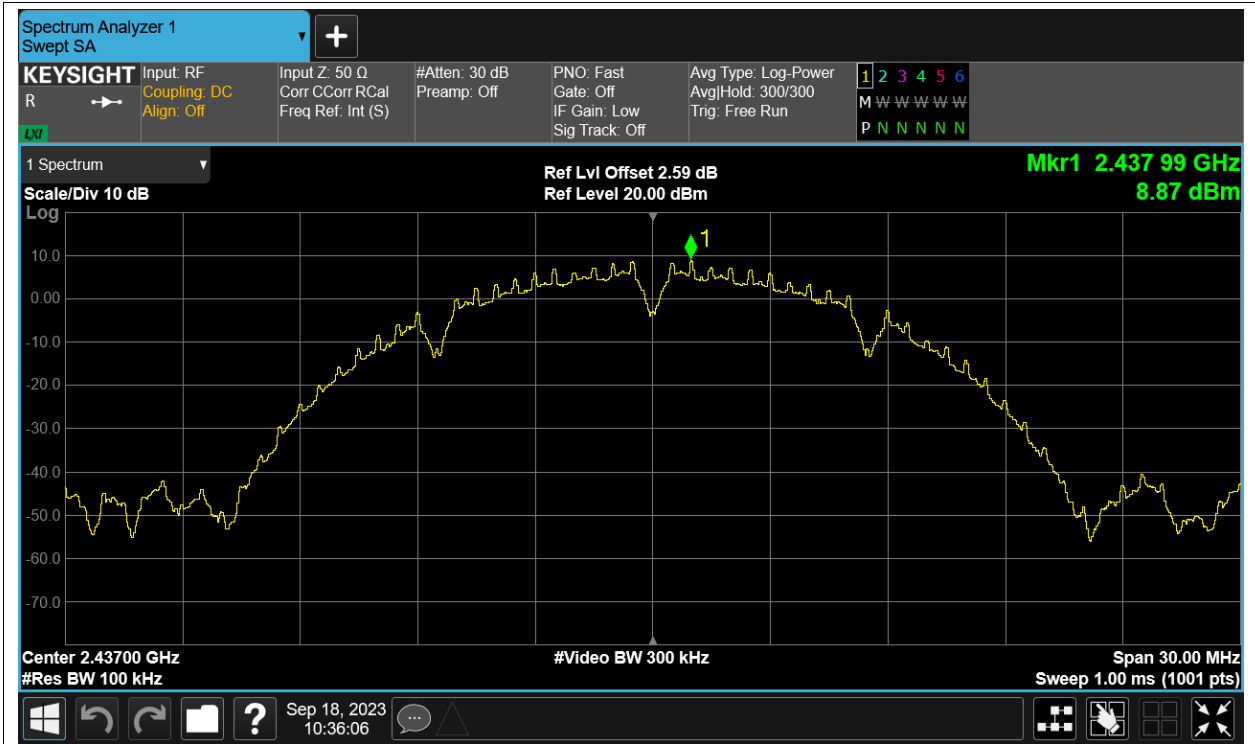


Tx. Spurious NVNT b 2412MHz Ant14 Emission

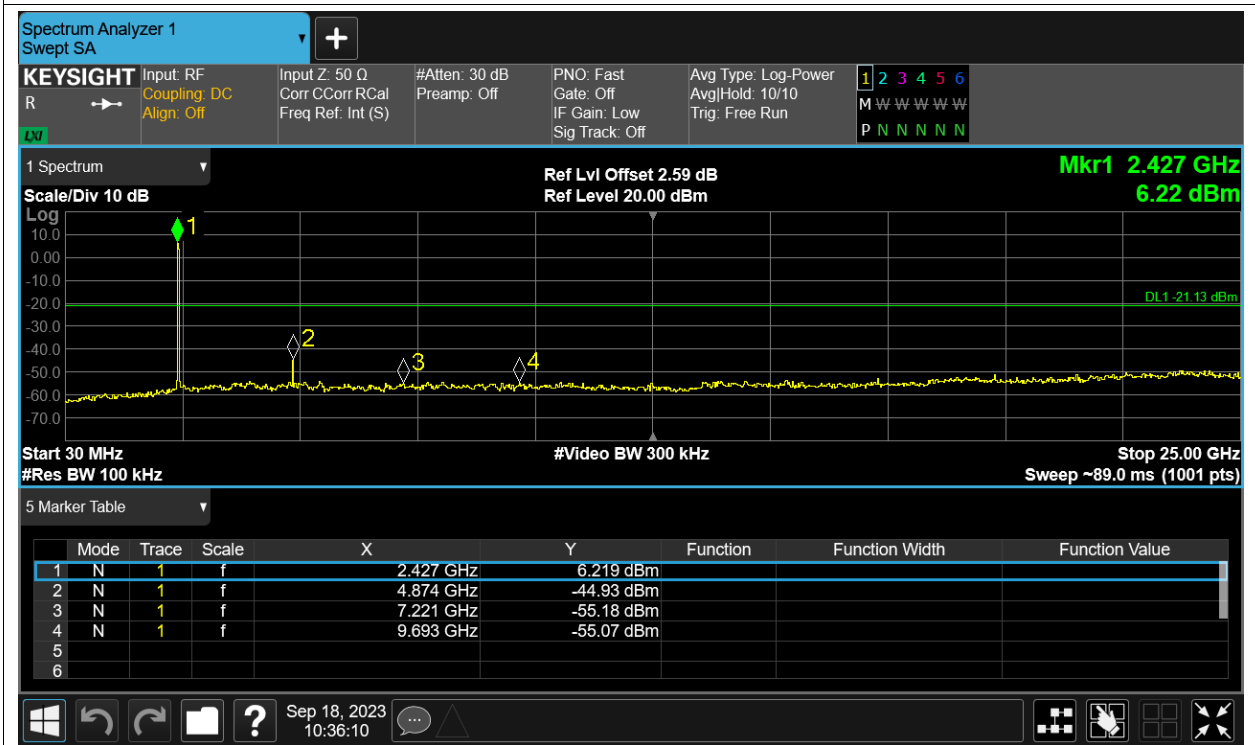


Tx. Spurious NVNT b 2437MHz Ant14 Ref

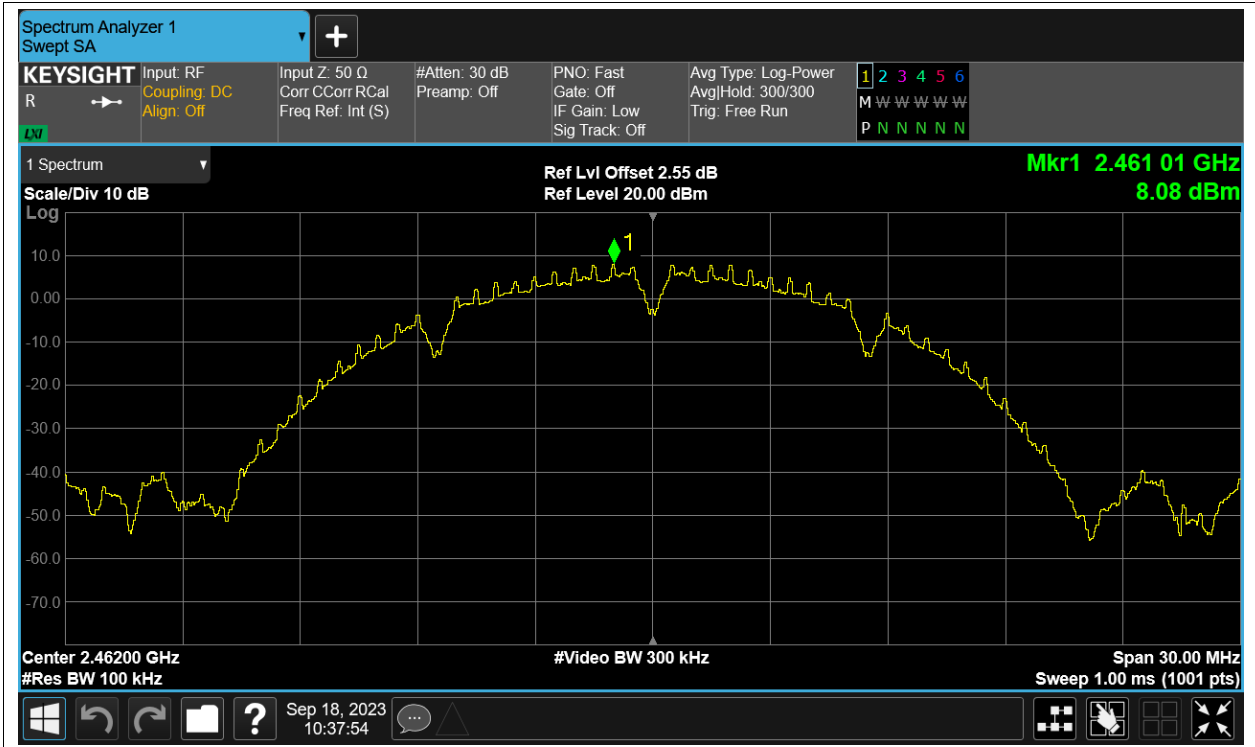




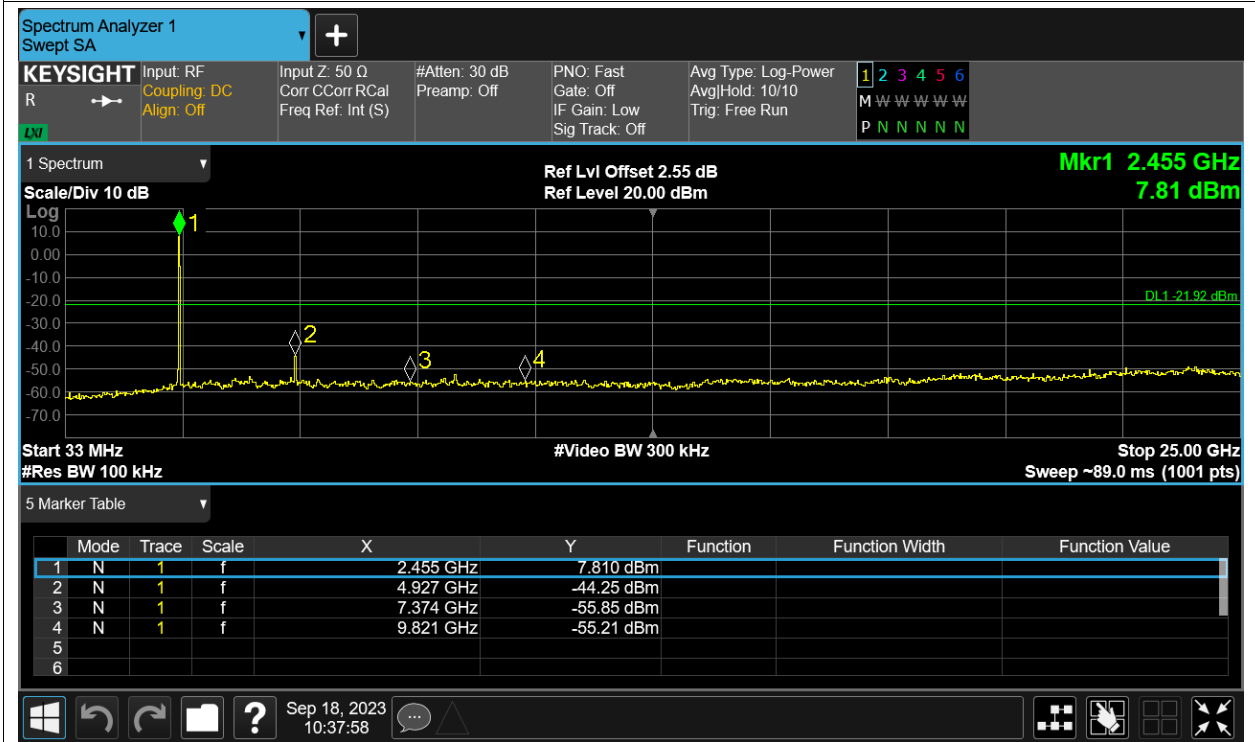
Tx. Spurious NVNT b 2437MHz Ant14 Emission



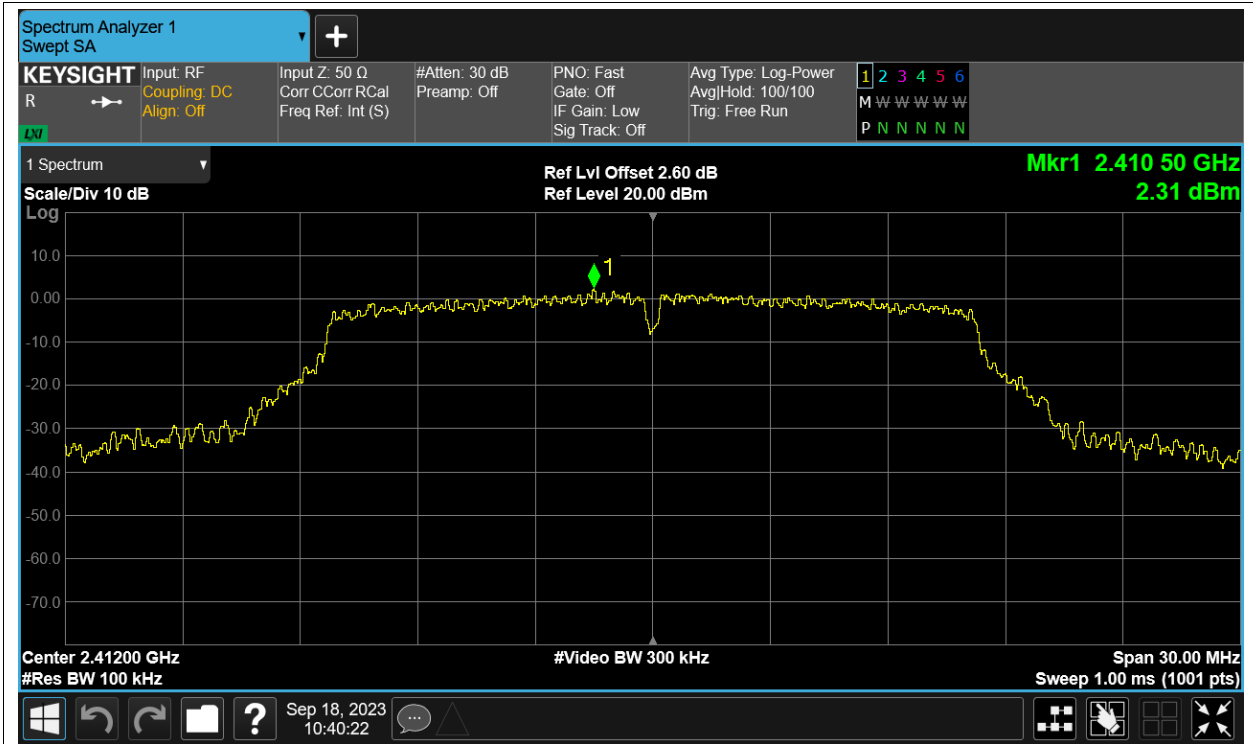
Tx. Spurious NVNT b 2462MHz Ant14 Ref



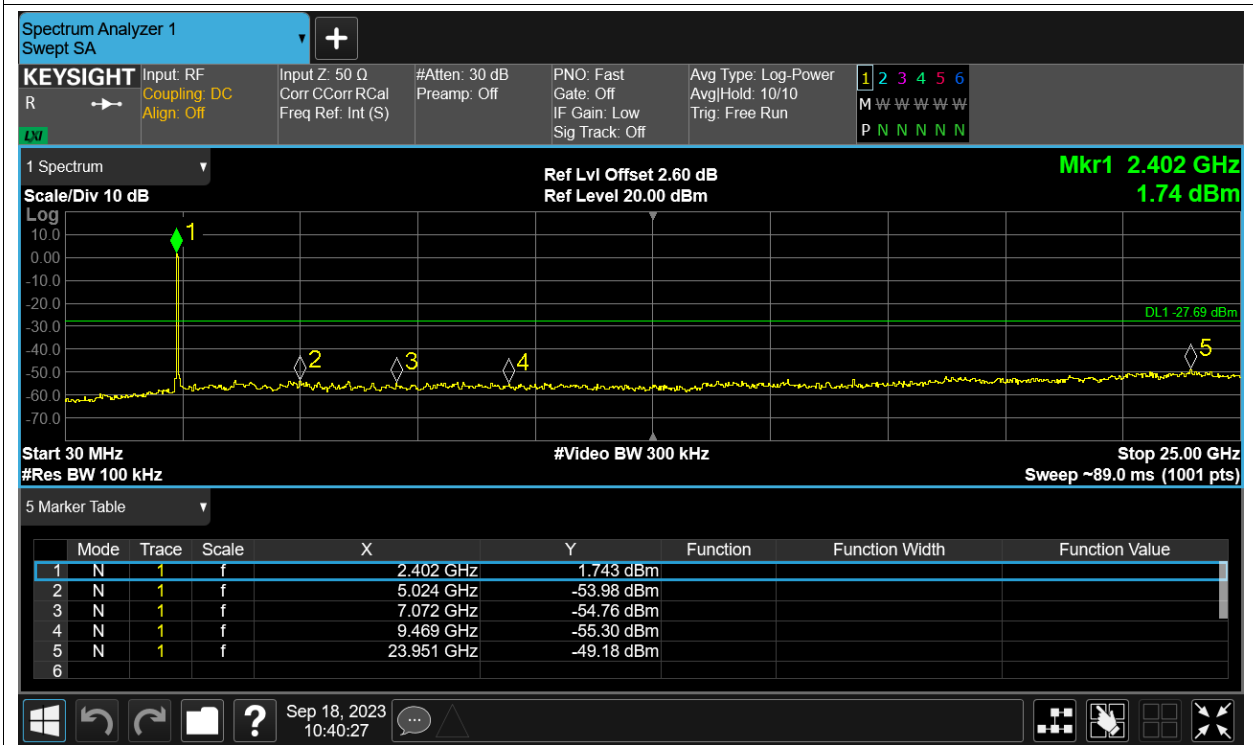
Tx. Spurious NVNT b 2462MHz Ant14 Emission



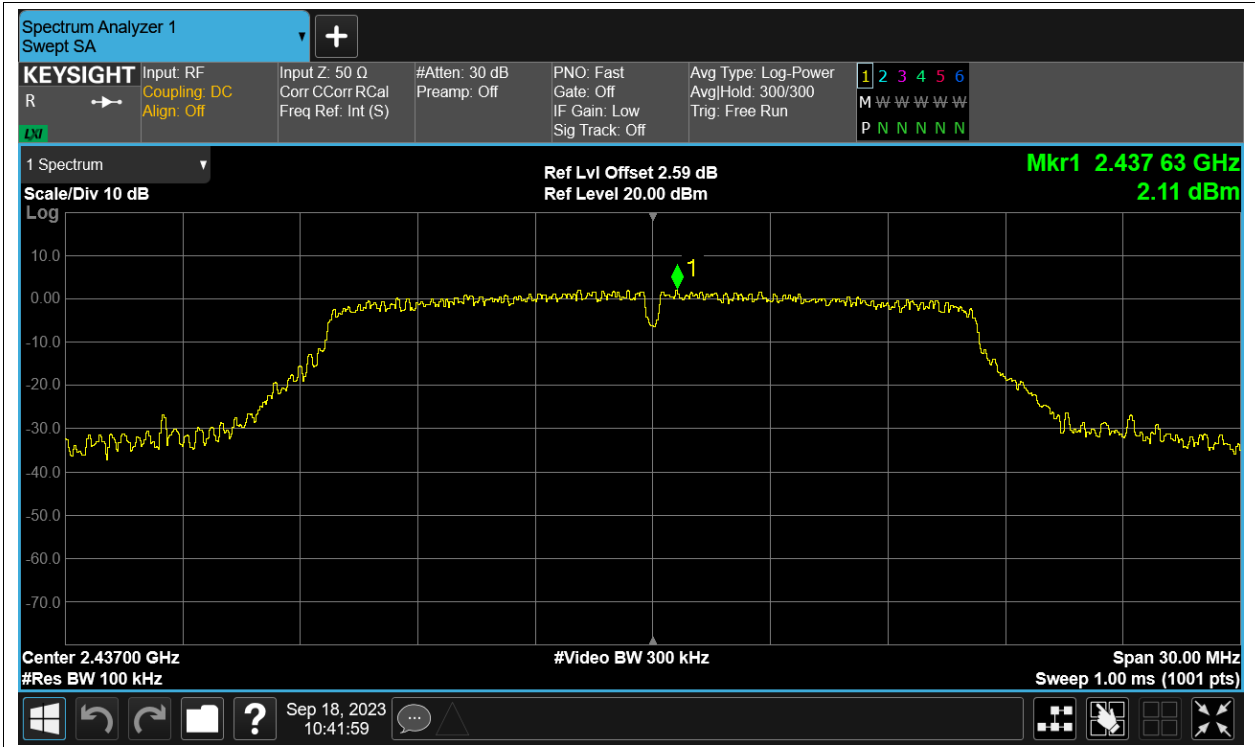
Tx. Spurious NVNT g 2412MHz Ant14 Ref



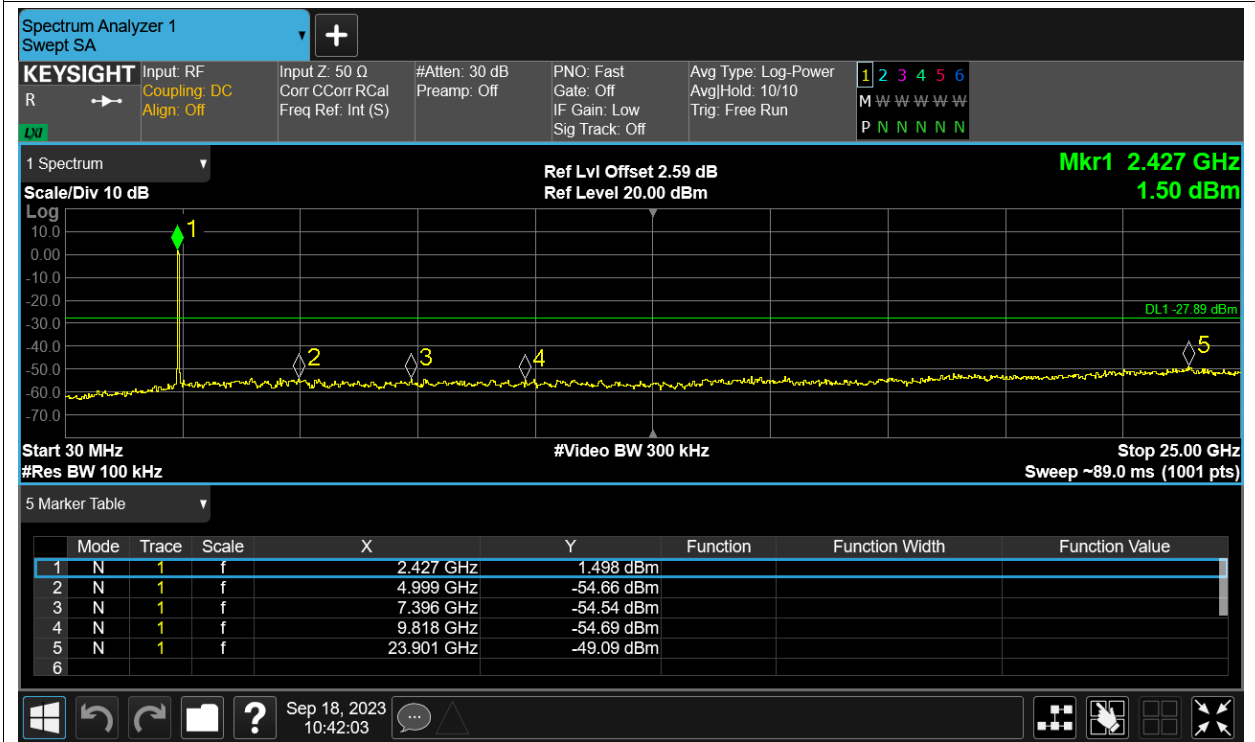
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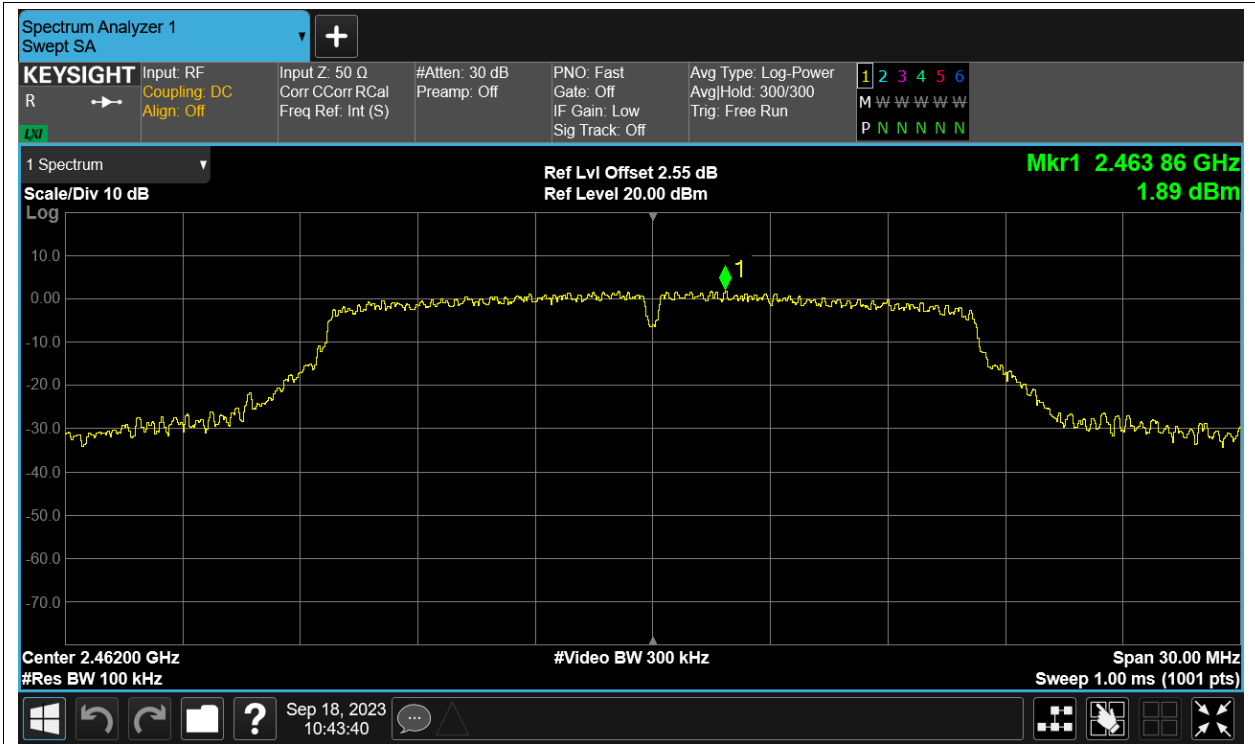
Tx. Spurious NVNT g 2437MHz Ant14 Ref



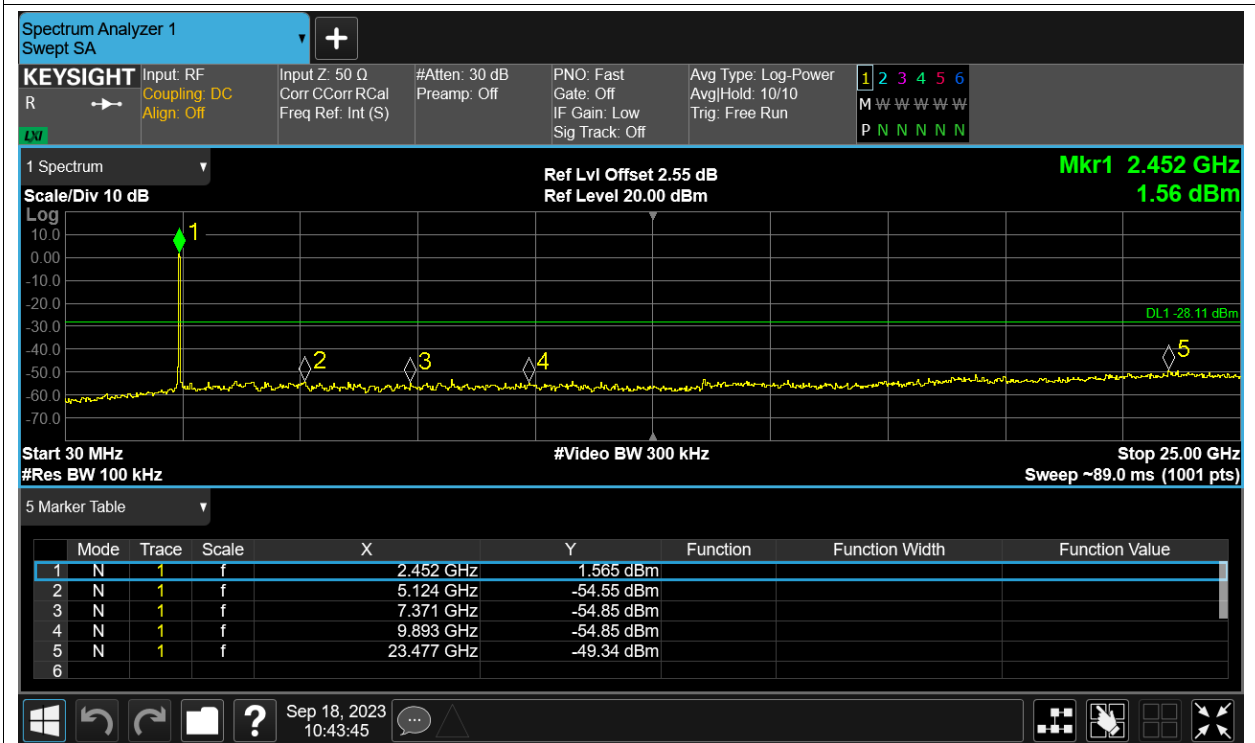
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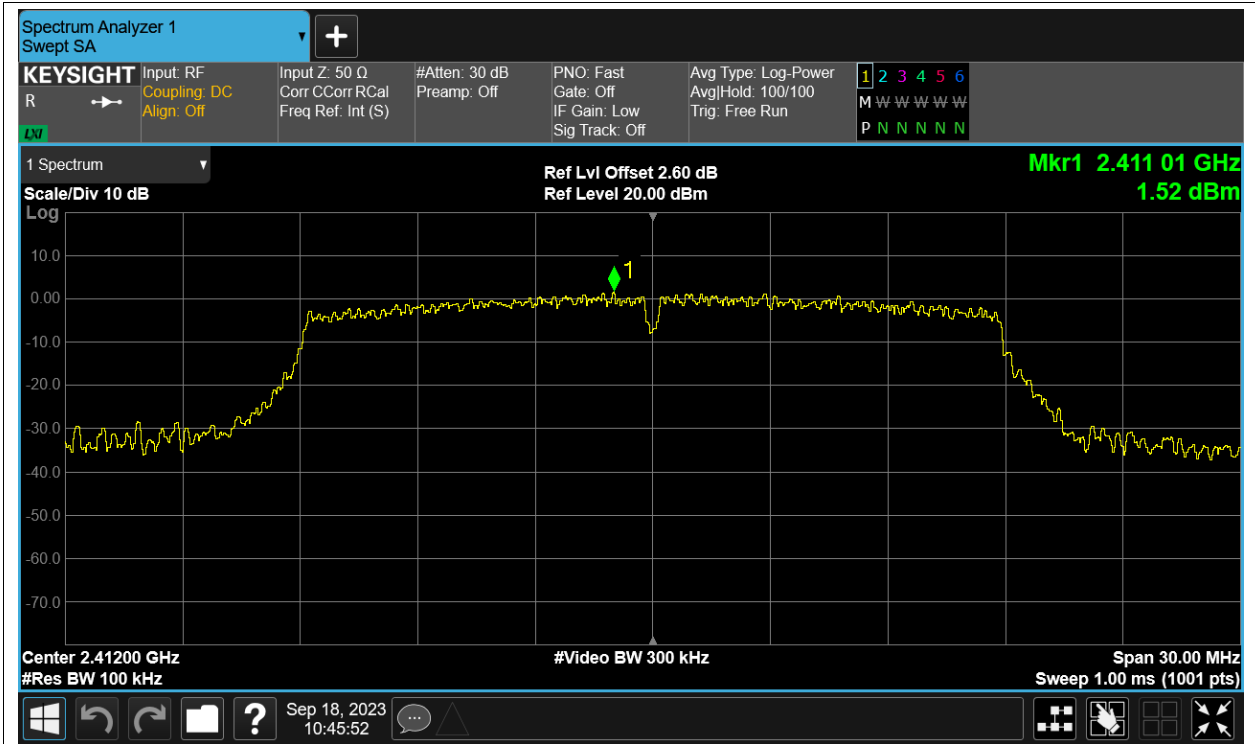
Tx. Spurious NVNT g 2462MHz Ant14 Ref



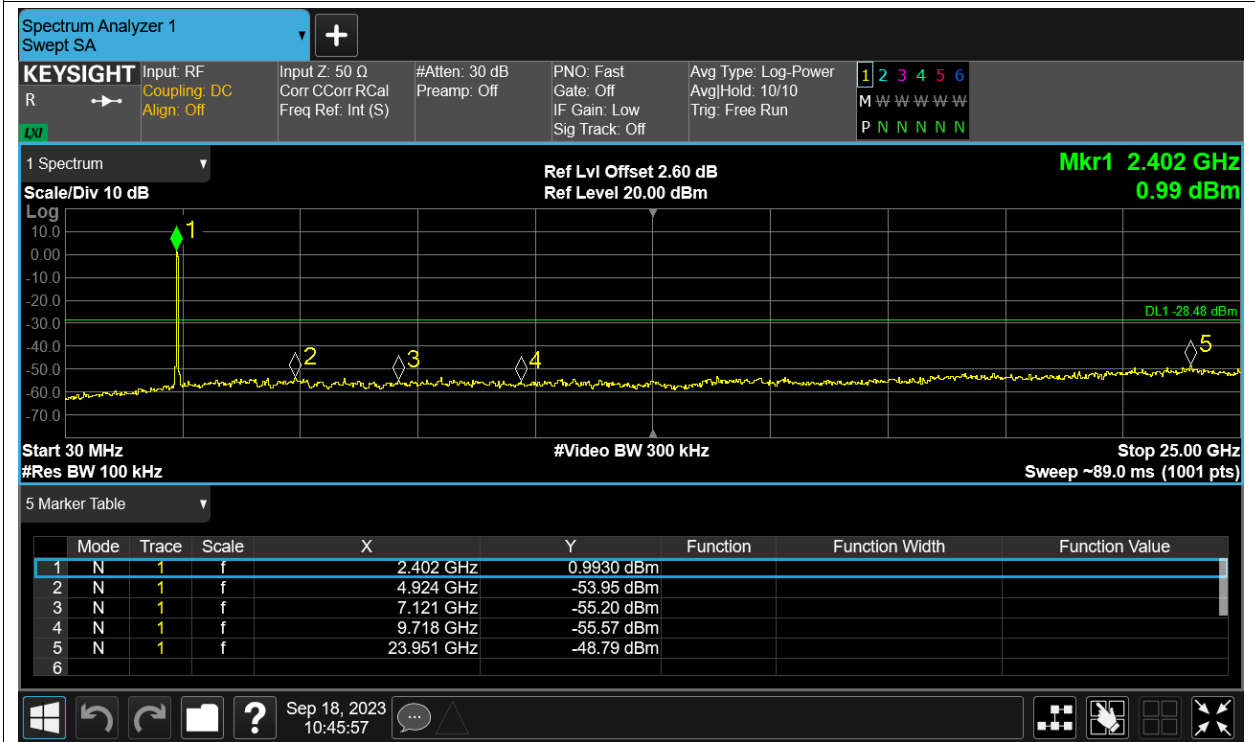
Tx. Spurious NVNT g 2462MHz Ant14 Emission



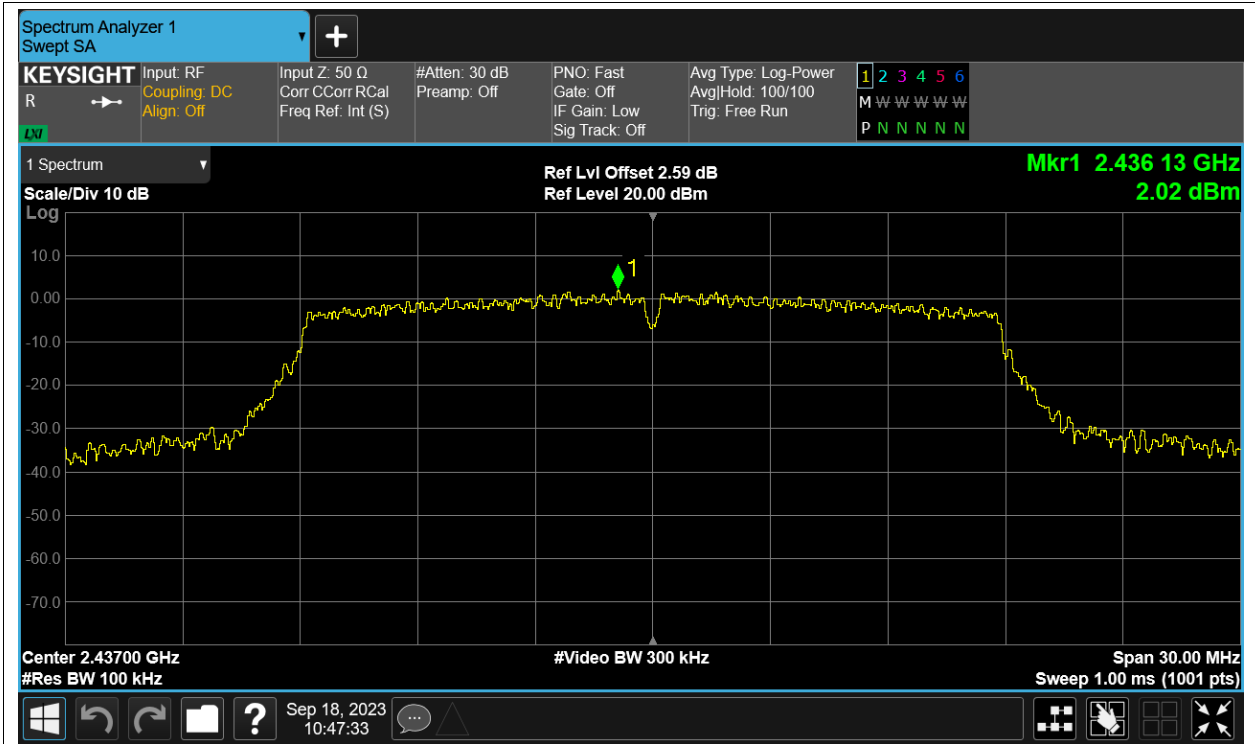
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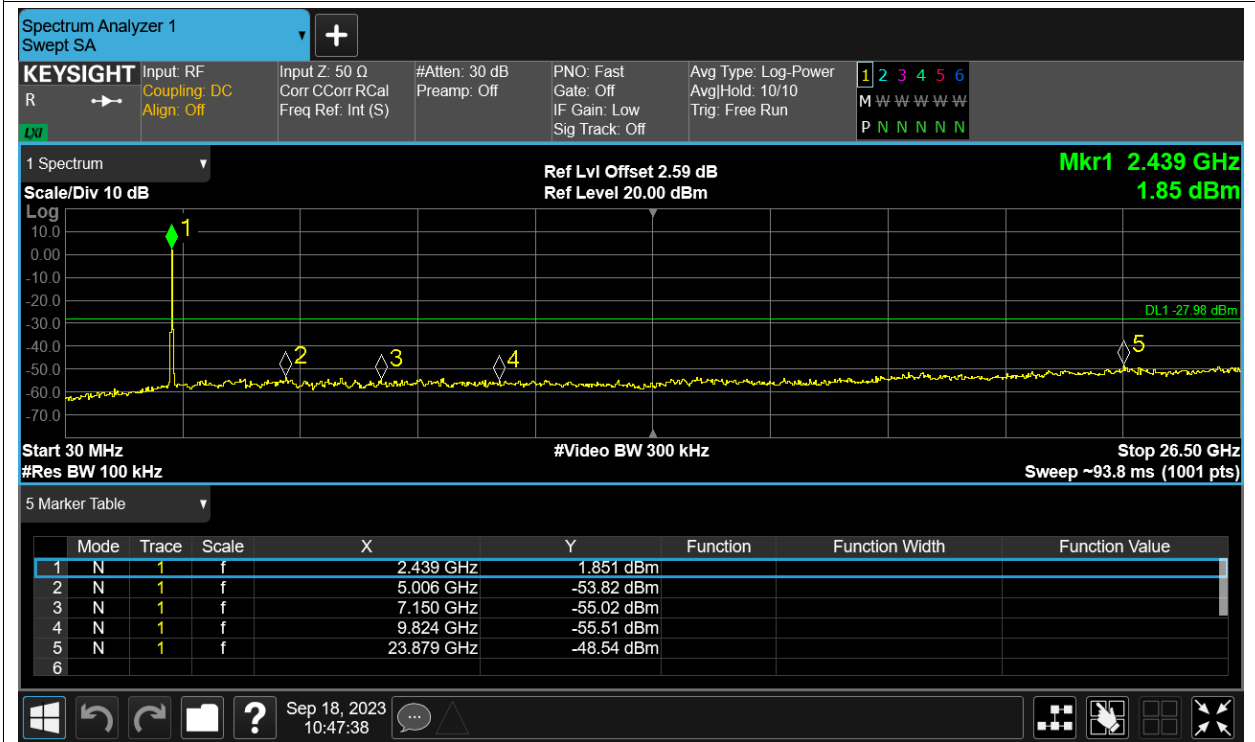
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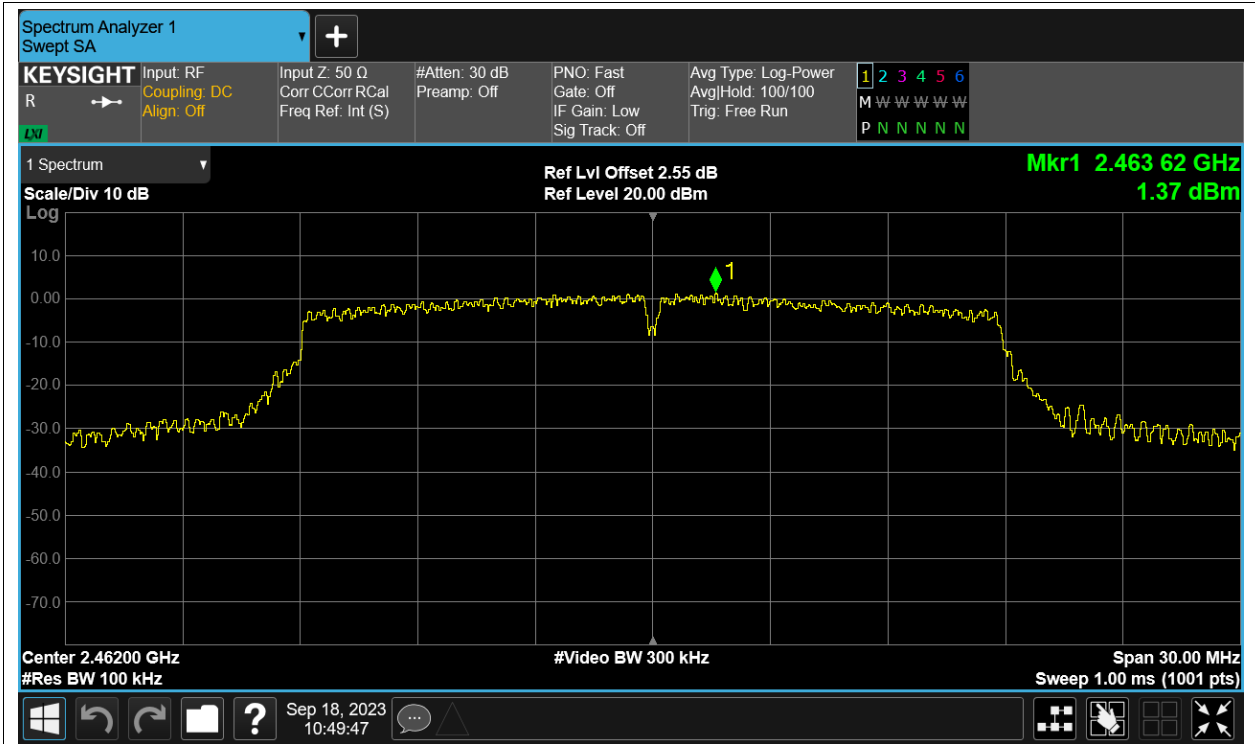
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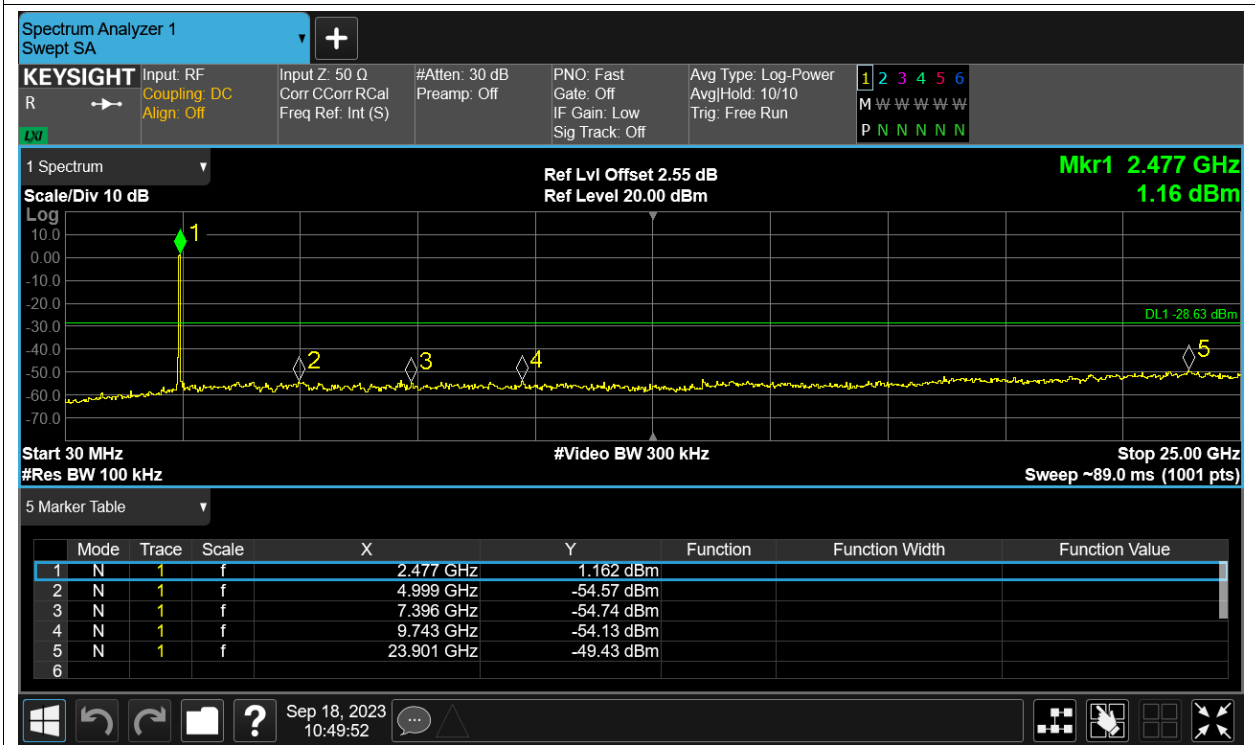
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Tx. Spurious NVNT n20 2462MHz Ant14 Ref

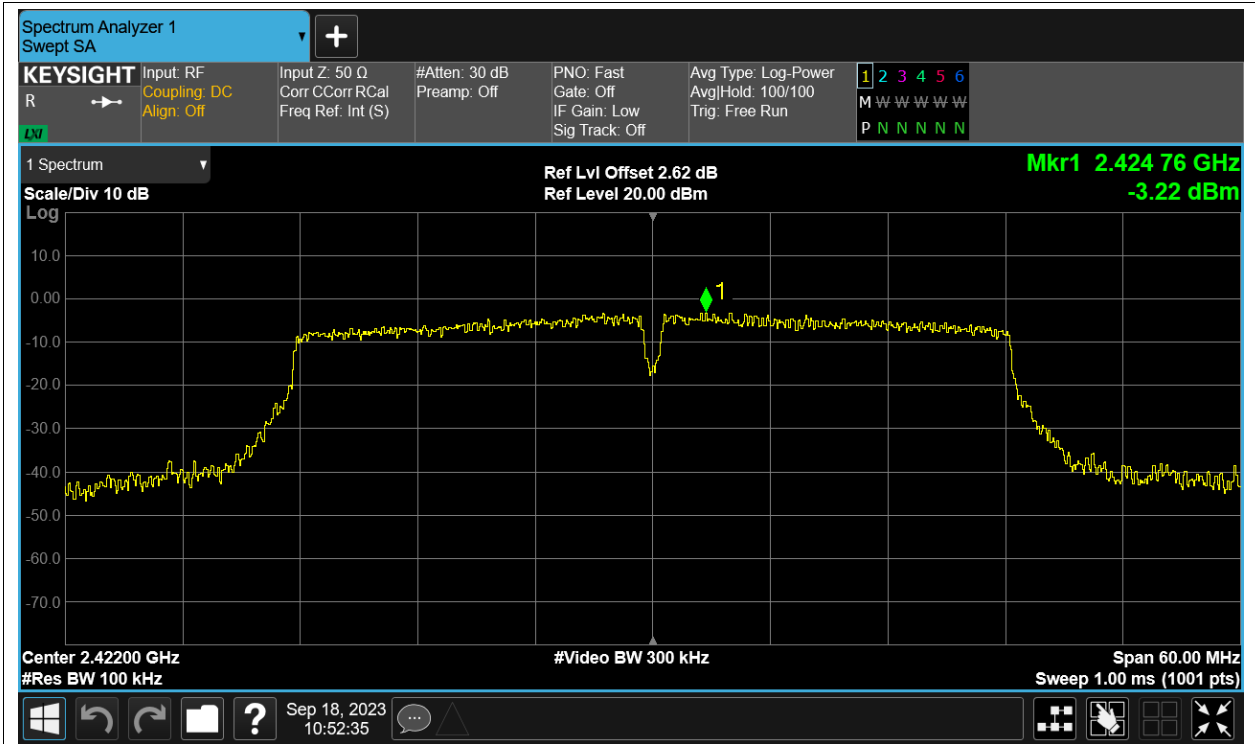


Tx. Spurious NVNT n20 2462MHz Ant14 Emission

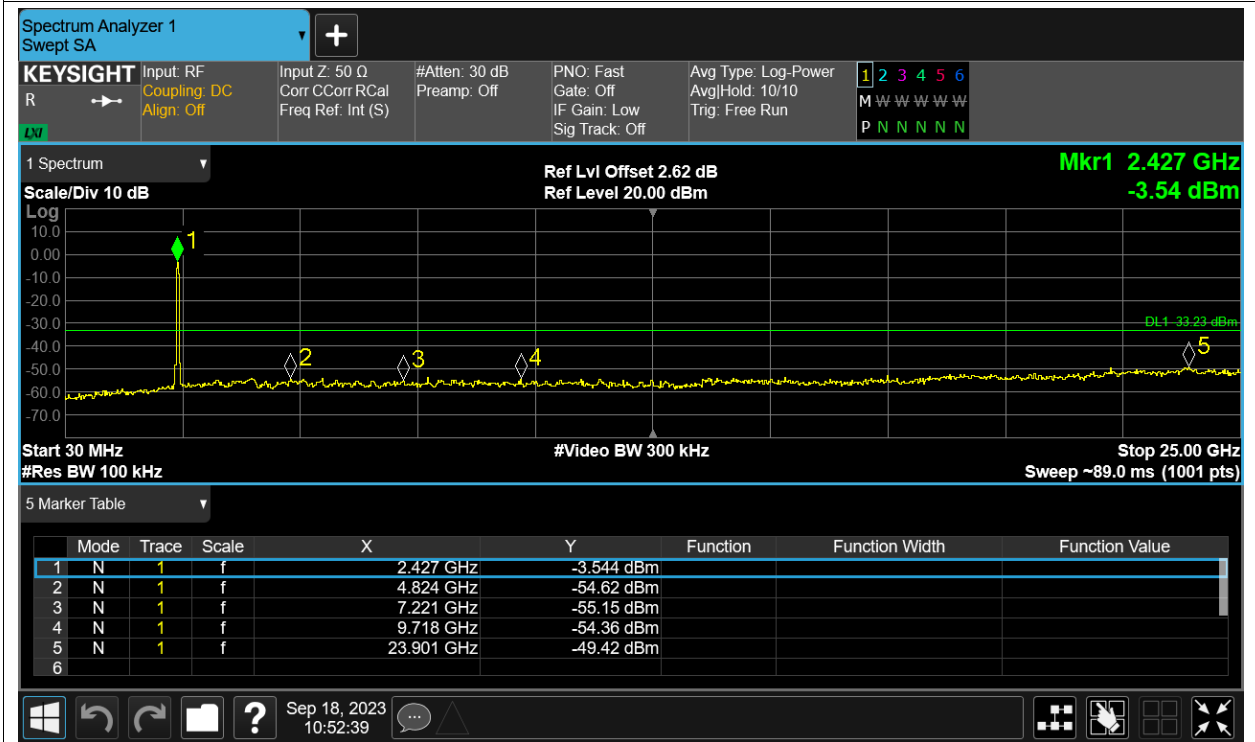


Tx. Spurious NVNT n40 2422MHz Ant14 Ref

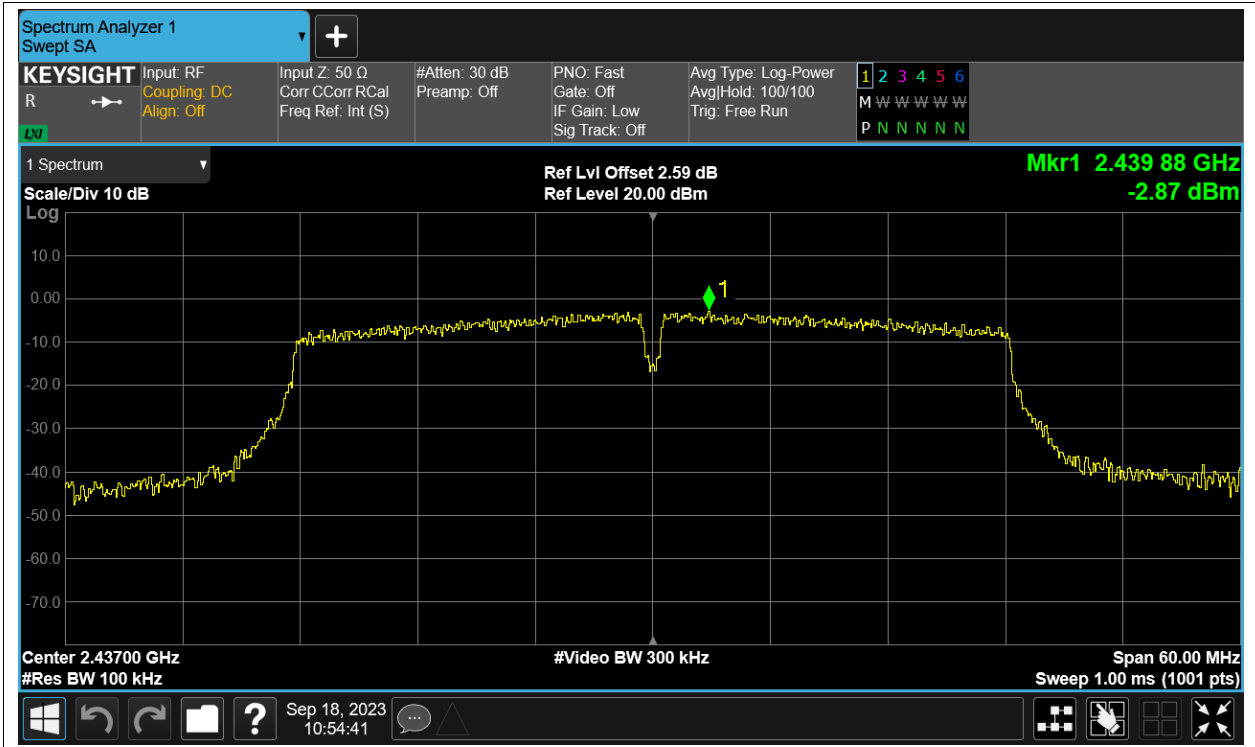




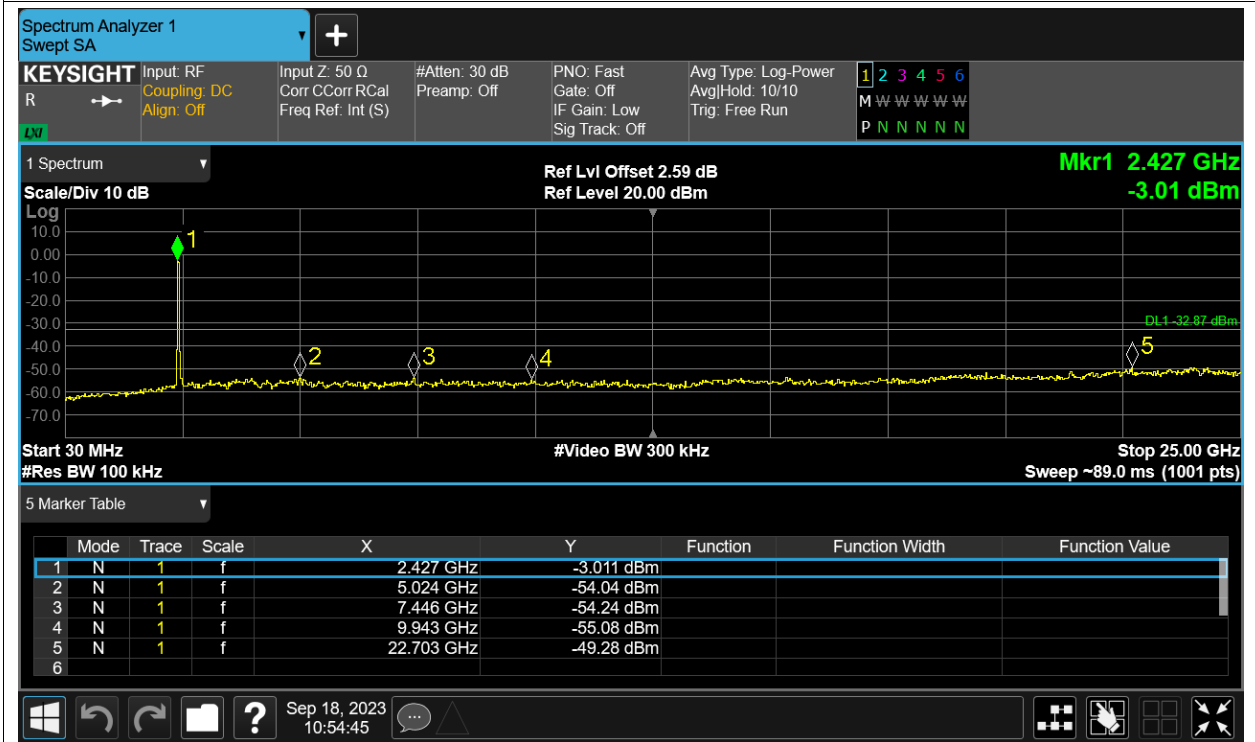
Tx. Spurious NVNT n40 2422MHz Ant14 Emission



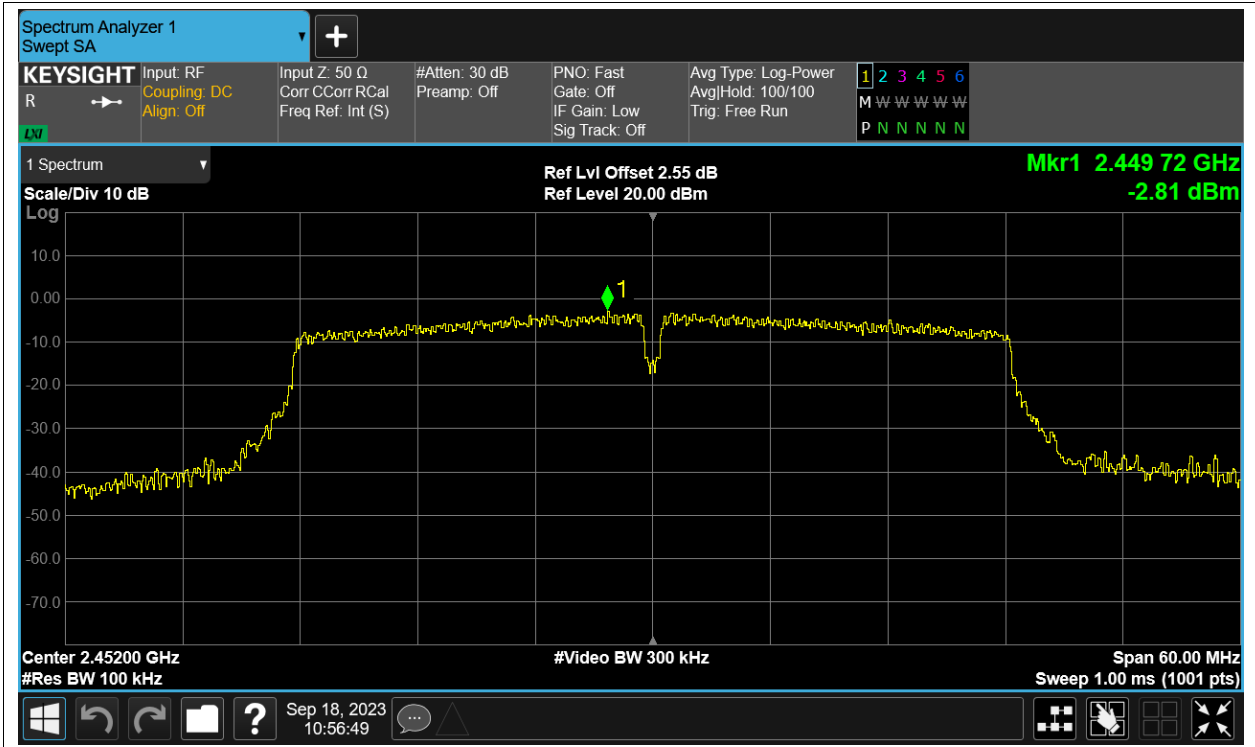
Tx. Spurious NVNT n40 2437MHz Ant14 Ref



Tx. Spurious NVNT n40 2437MHz Ant14 Emission



Tx. Spurious NVNT n40 2452MHz Ant14 Ref



Tx. Spurious NVNT n40 2452MHz Ant14 Emission

