

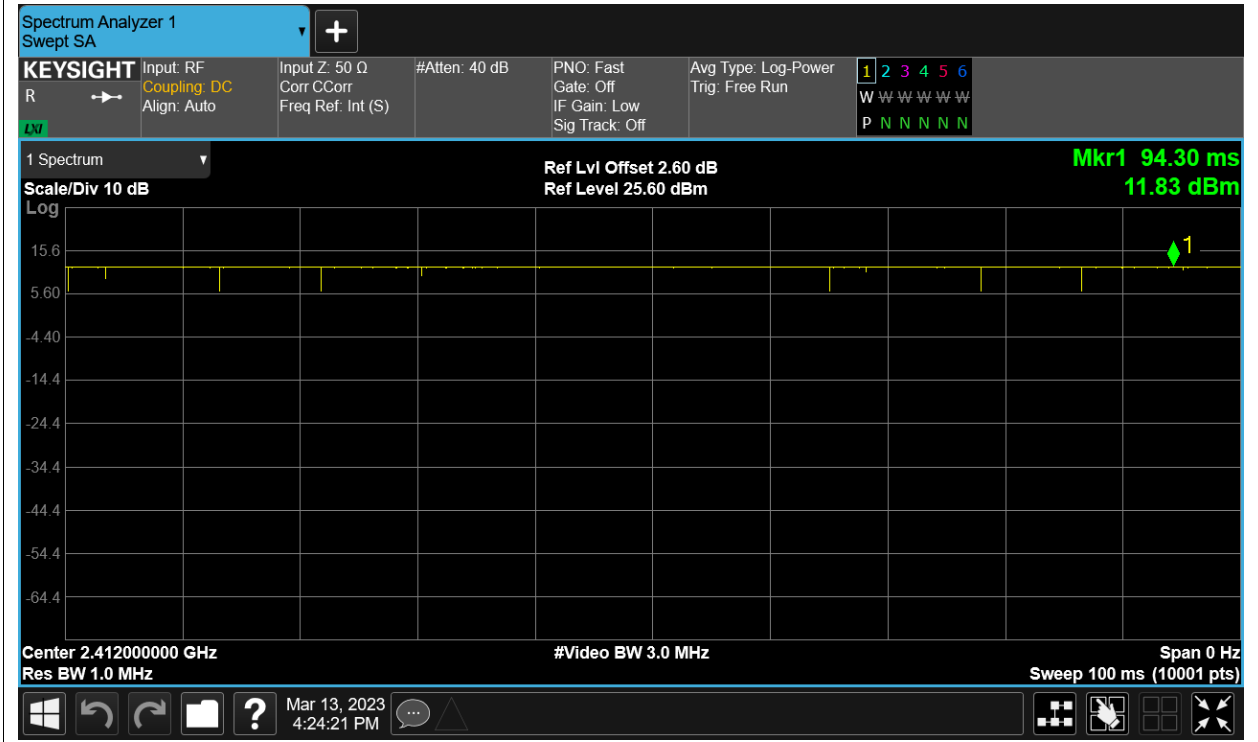
## Test Data

### Duty Cycle

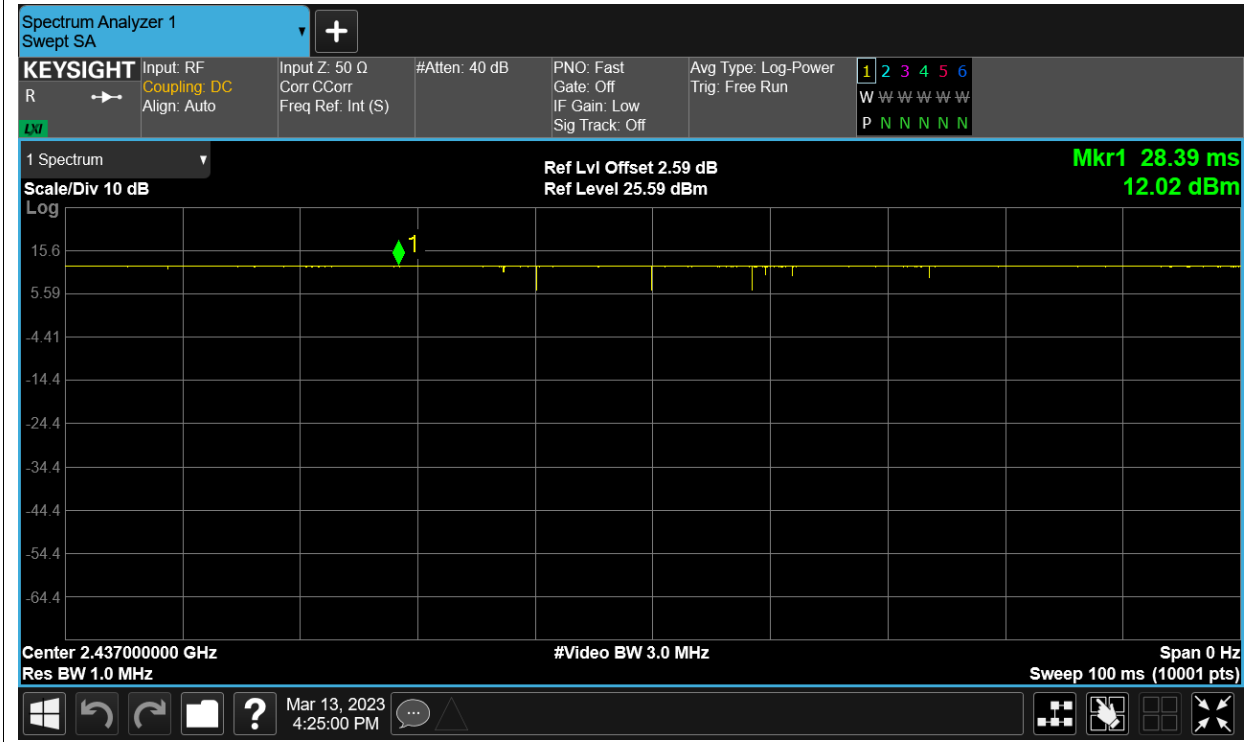
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant5	100	0
NVNT	b	2437	Ant5	100	0
NVNT	b	2462	Ant5	100	0
NVNT	g	2412	Ant5	100	0
NVNT	g	2437	Ant5	100	0
NVNT	g	2462	Ant5	100	0
NVNT	n20	2412	Ant5	100	0
NVNT	n20	2437	Ant5	100	0
NVNT	n20	2462	Ant5	100	0
NVNT	n40	2422	Ant5	100	0
NVNT	n40	2437	Ant5	100	0
NVNT	n40	2452	Ant5	100	0

Test Graphs

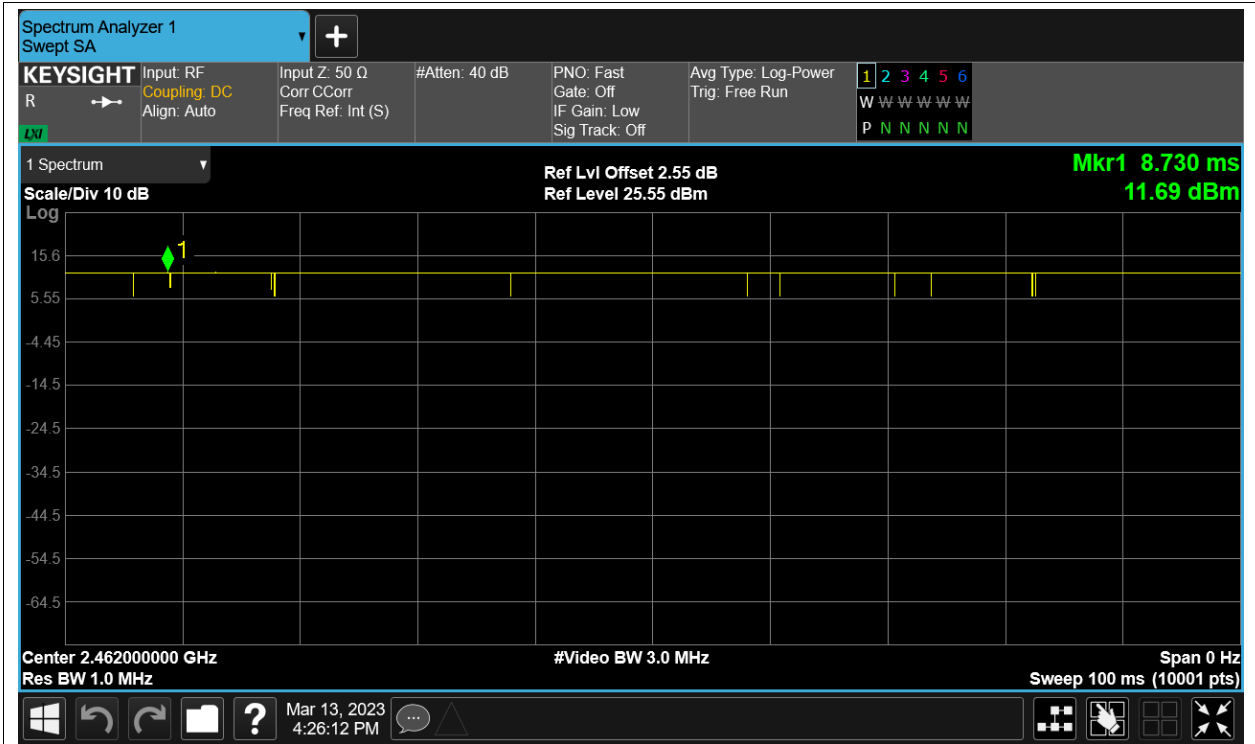
Duty Cycle NVNT b 2412MHz Ant5



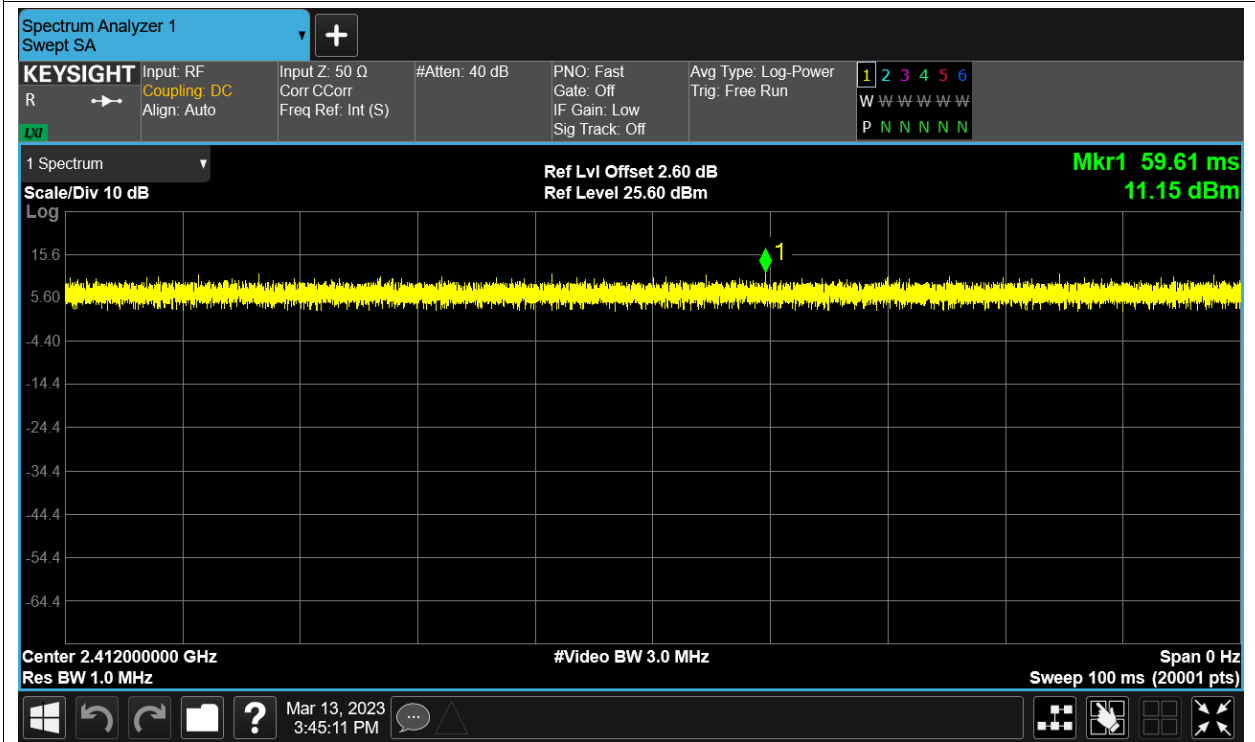
Duty Cycle NVNT b 2437MHz Ant5



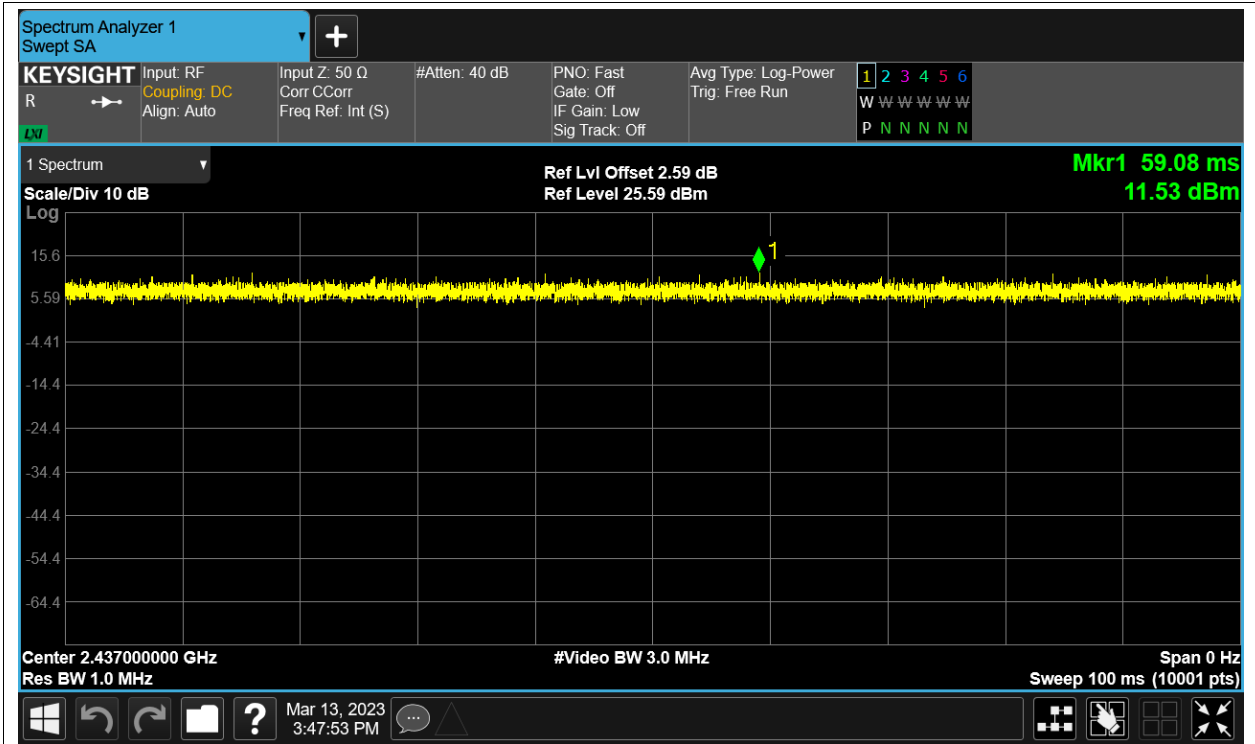
Duty Cycle NVNT b 2462MHz Ant5



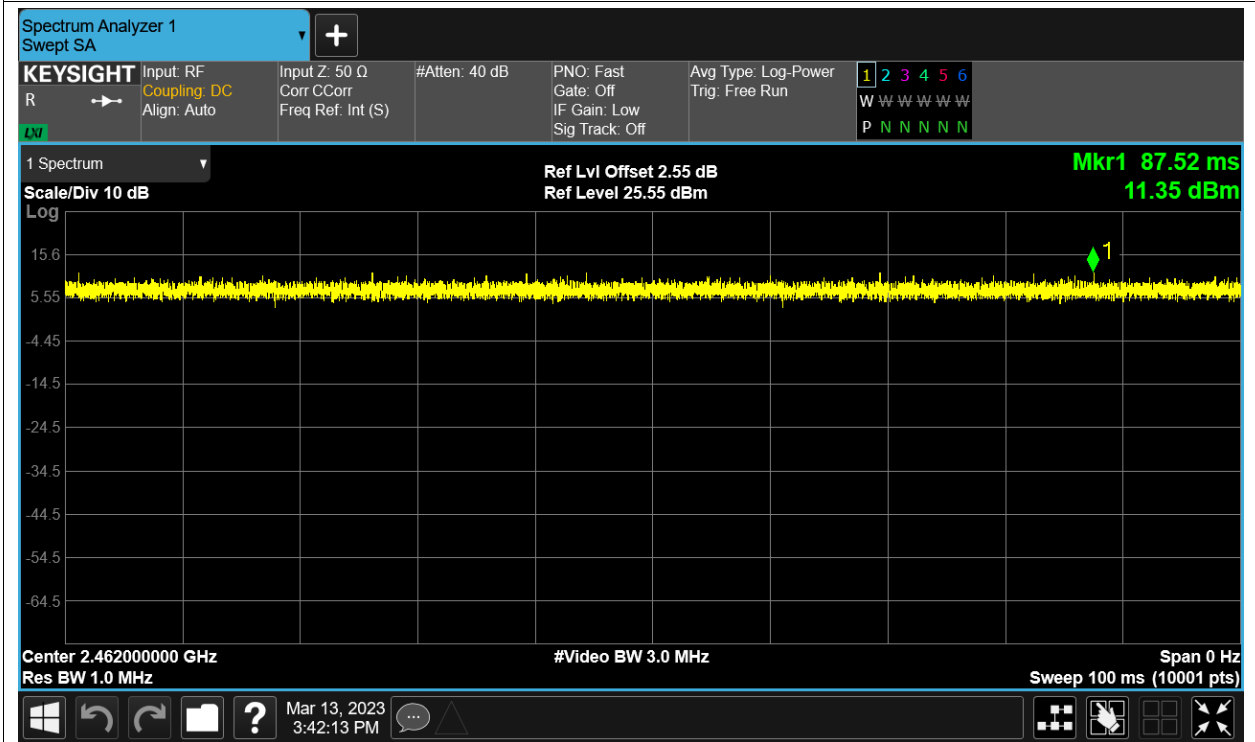
Duty Cycle NVNT g 2412MHz Ant5



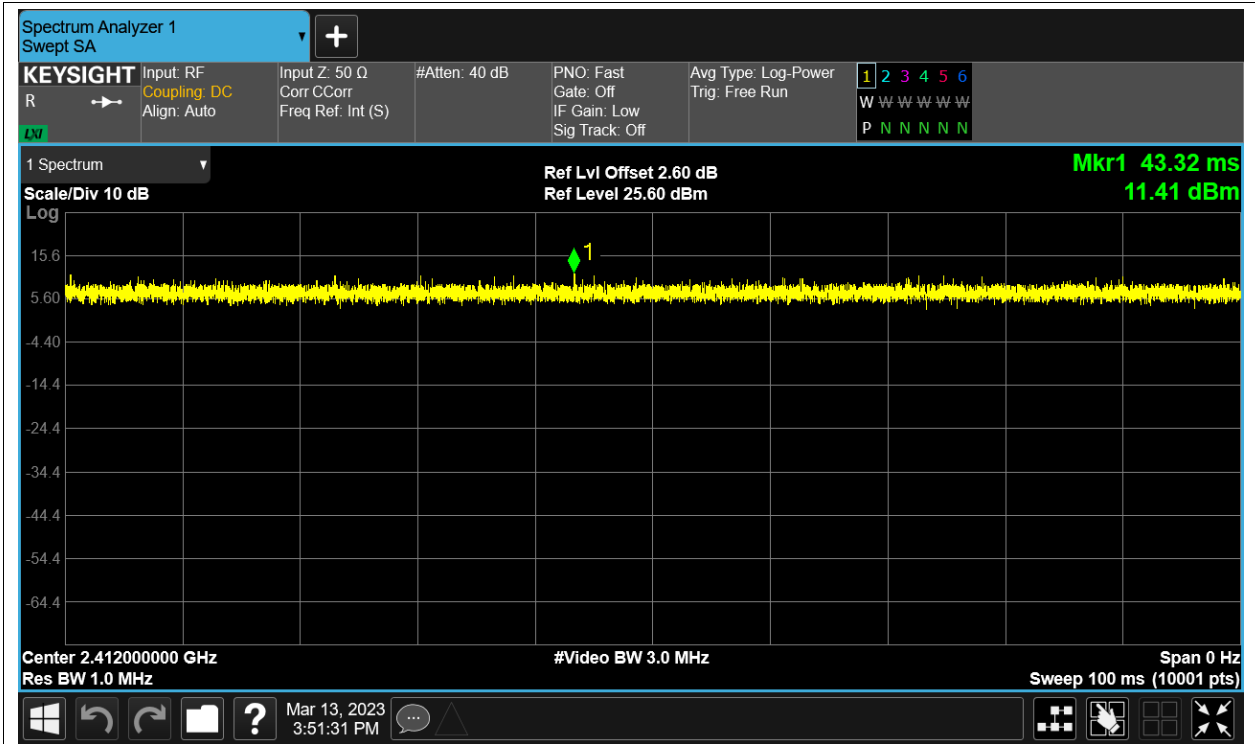
Duty Cycle NVNT g 2437MHz Ant5



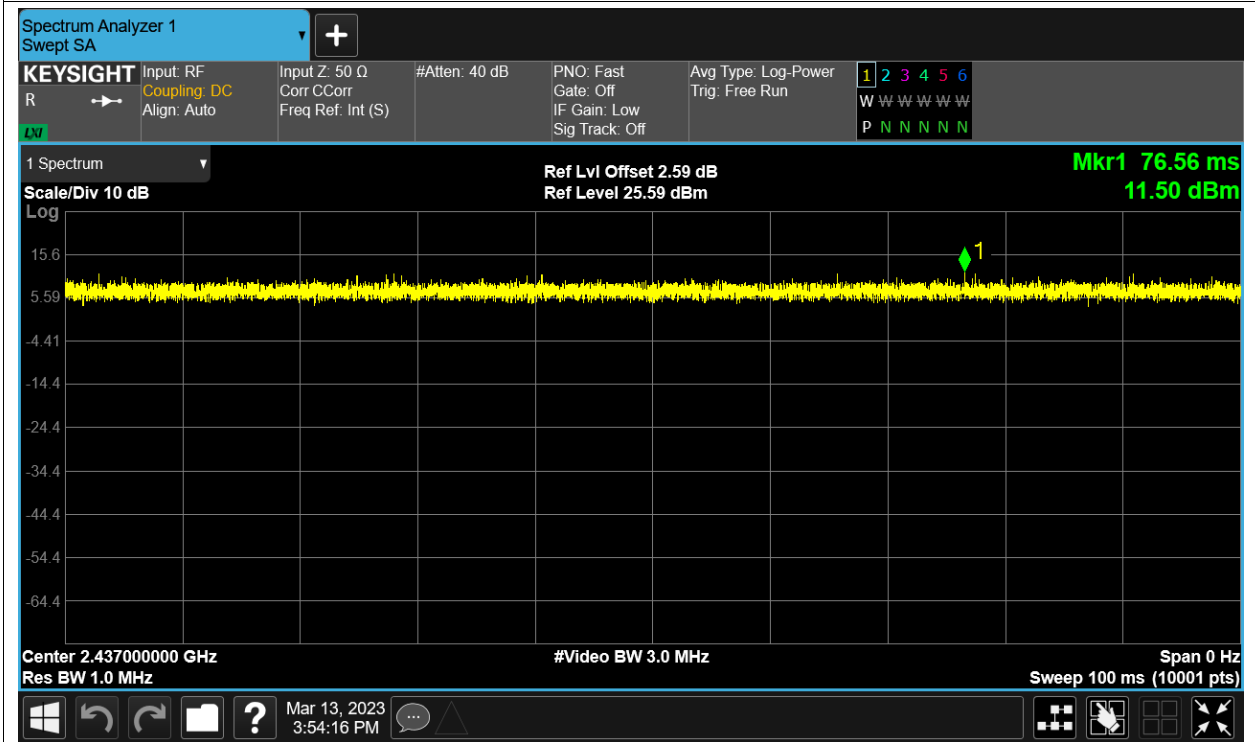
Duty Cycle NVNT g 2462MHz Ant5



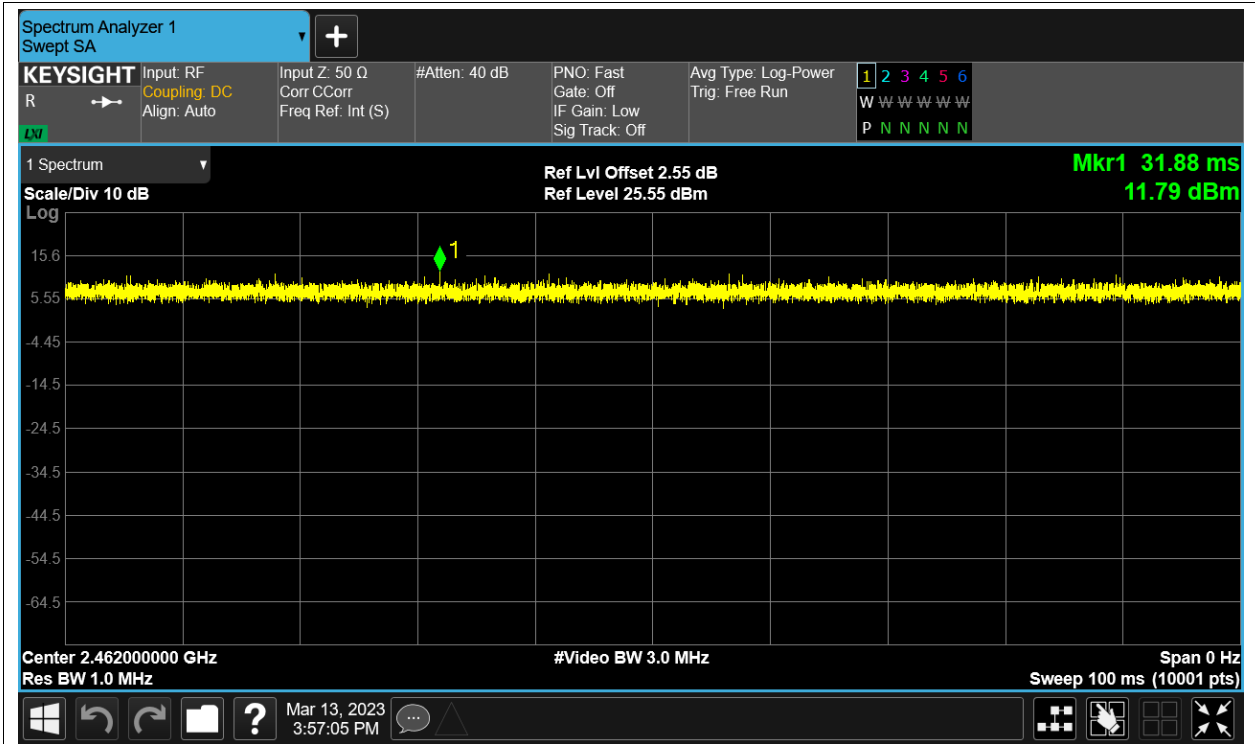
Duty Cycle NVNT n20 2412MHz Ant5



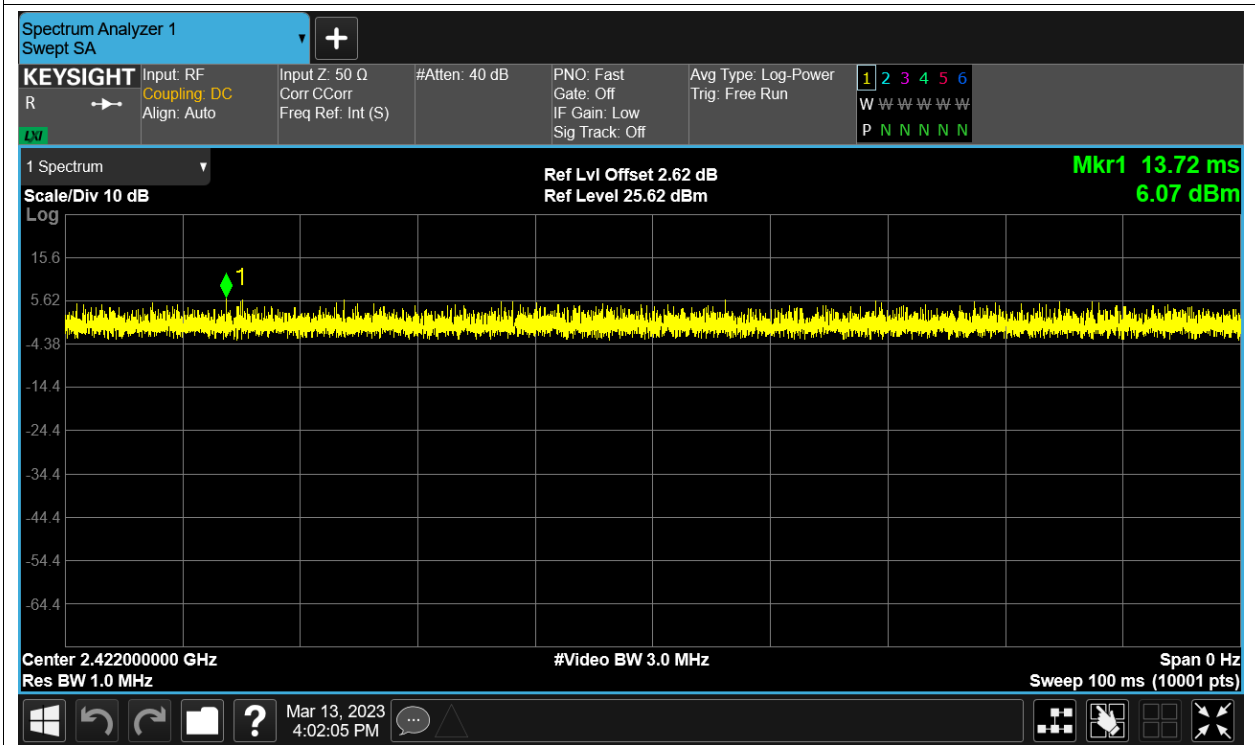
Duty Cycle NVNT n20 2437MHz Ant5



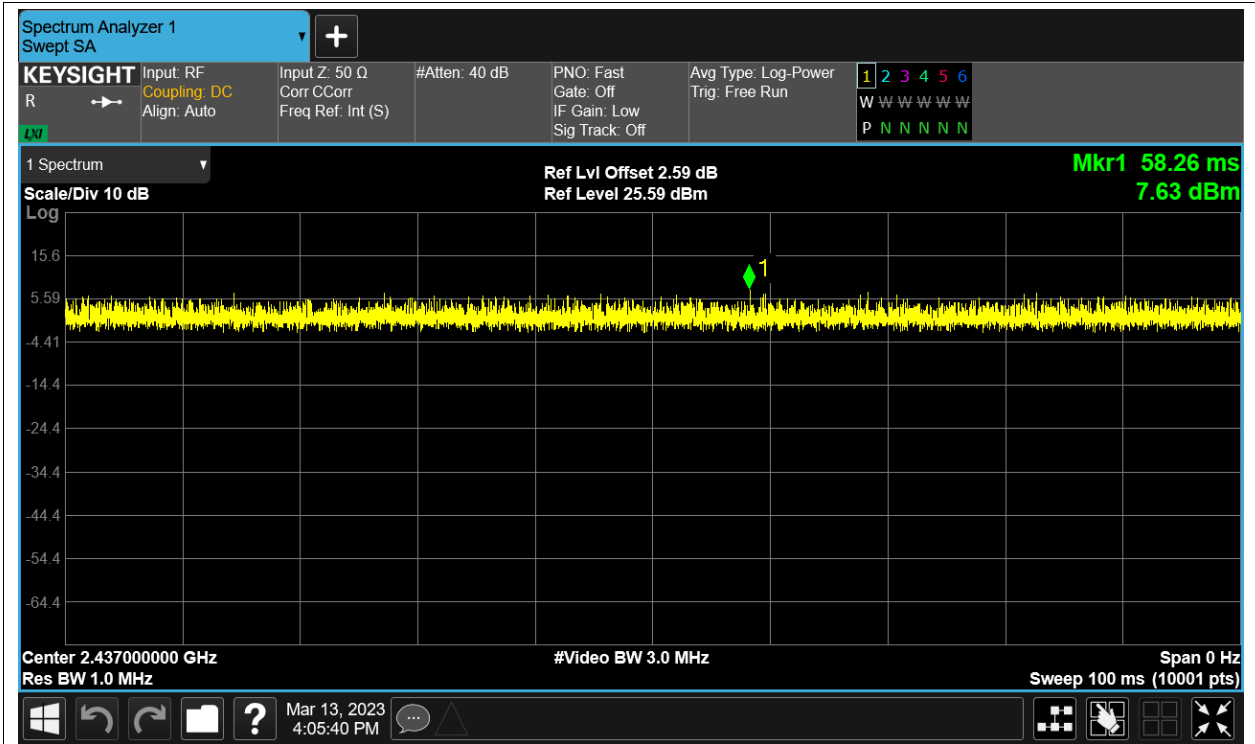
Duty Cycle NVNT n20 2462MHz Ant5



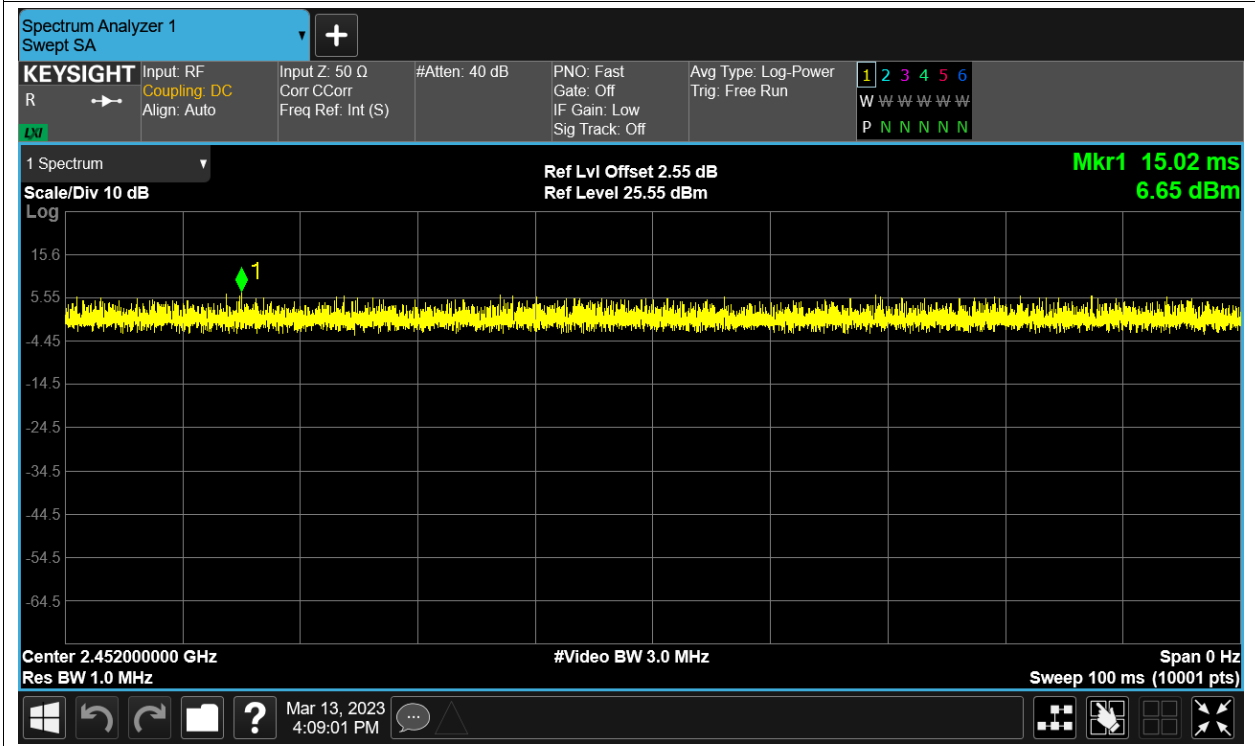
Duty Cycle NVNT n40 2422MHz Ant5



Duty Cycle NVNT n40 2437MHz Ant5



Duty Cycle NVNT n40 2452MHz Ant5



## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant5	16.56	0	16.56	30	Pass
NVNT	b	2437	Ant5	16.85	0	16.85	30	Pass
NVNT	b	2462	Ant5	17.11	0	17.11	30	Pass
NVNT	g	2412	Ant5	13.26	0	13.26	30	Pass
NVNT	g	2437	Ant5	13.65	0	13.65	30	Pass
NVNT	g	2462	Ant5	14.01	0	14.01	30	Pass
NVNT	n20	2412	Ant5	13.28	0	13.28	30	Pass
NVNT	n20	2437	Ant5	13.56	0	13.56	30	Pass
NVNT	n20	2462	Ant5	14.12	0	14.12	30	Pass
NVNT	n40	2422	Ant5	13.57	0	13.57	30	Pass
NVNT	n40	2437	Ant5	13.8	0	13.8	30	Pass
NVNT	n40	2452	Ant5	13.92	0	13.92	30	Pass

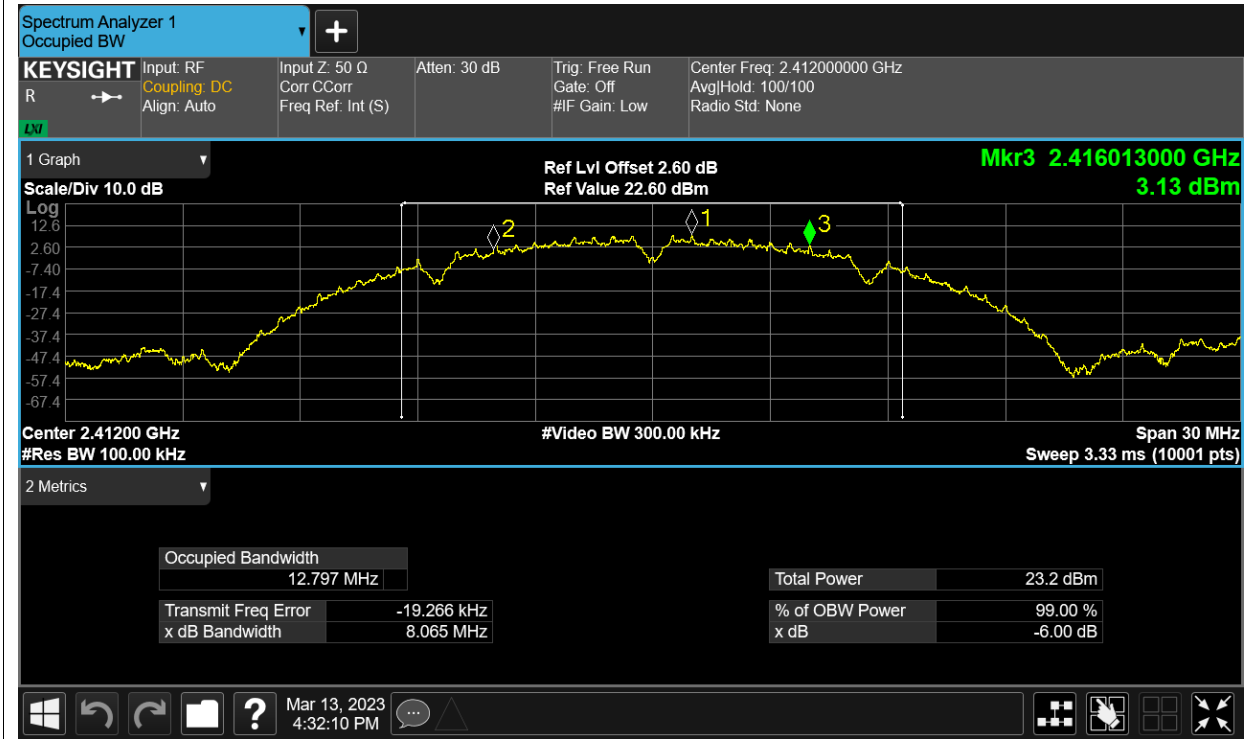


## -6dB Bandwidth

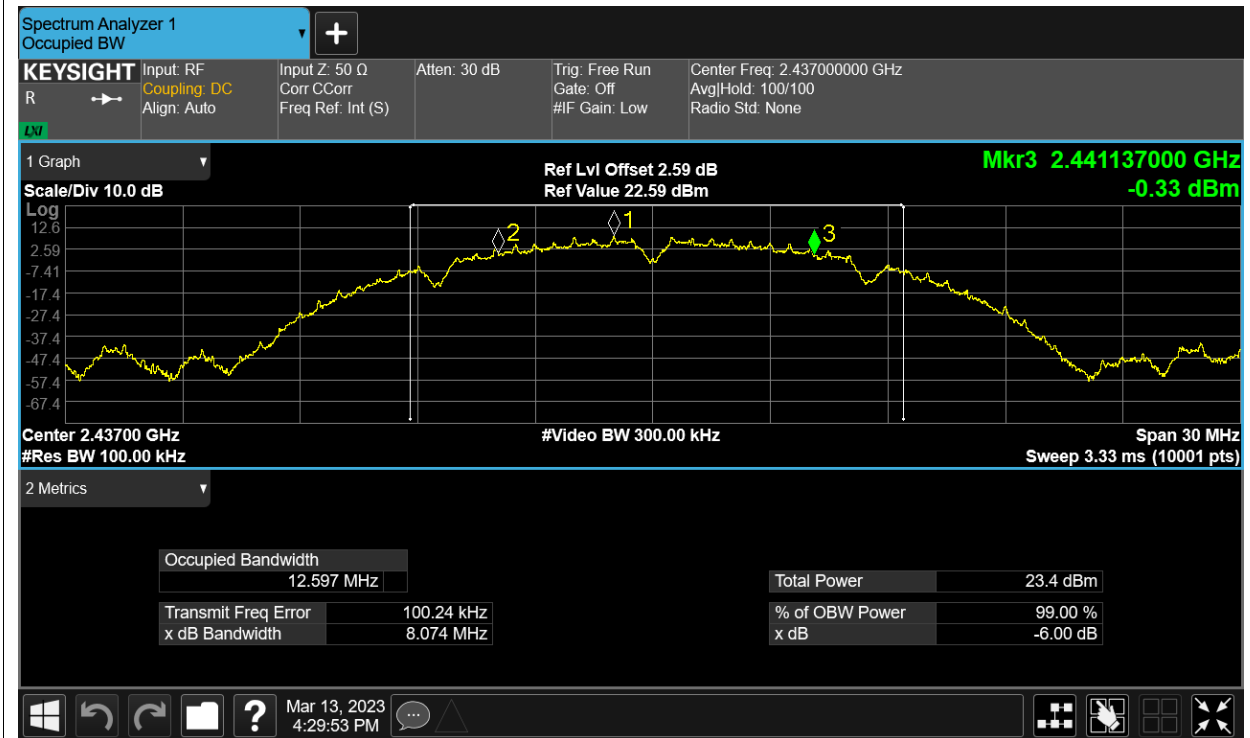
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant5	8.065	0.5	Pass
NVNT	b	2437	Ant5	8.074	0.5	Pass
NVNT	b	2462	Ant5	8.082	0.5	Pass
NVNT	g	2412	Ant5	16.328	0.5	Pass
NVNT	g	2437	Ant5	16.328	0.5	Pass
NVNT	g	2462	Ant5	16.342	0.5	Pass
NVNT	n20	2412	Ant5	17.603	0.5	Pass
NVNT	n20	2437	Ant5	17.571	0.5	Pass
NVNT	n20	2462	Ant5	17.598	0.5	Pass
NVNT	n40	2422	Ant5	36.344	0.5	Pass
NVNT	n40	2437	Ant5	34.574	0.5	Pass
NVNT	n40	2452	Ant5	36.366	0.5	Pass

Test Graphs

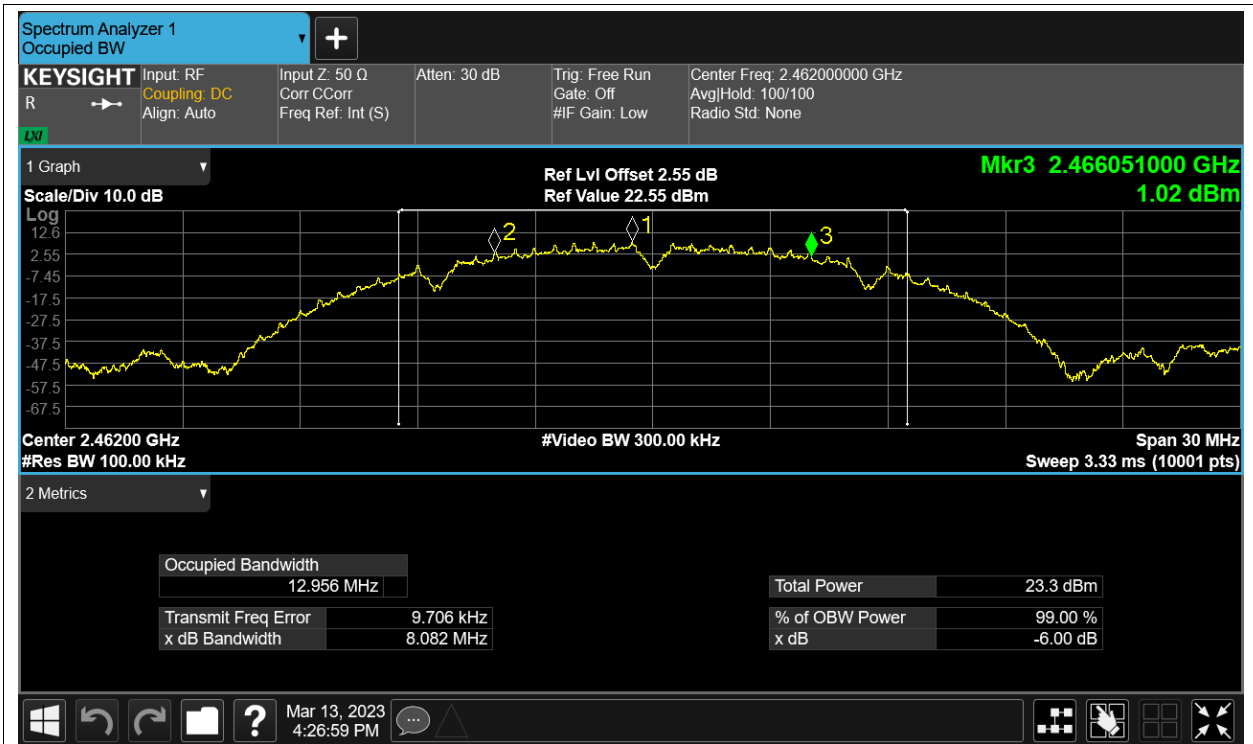
-6dB Bandwidth NVNT b 2412MHz Ant5



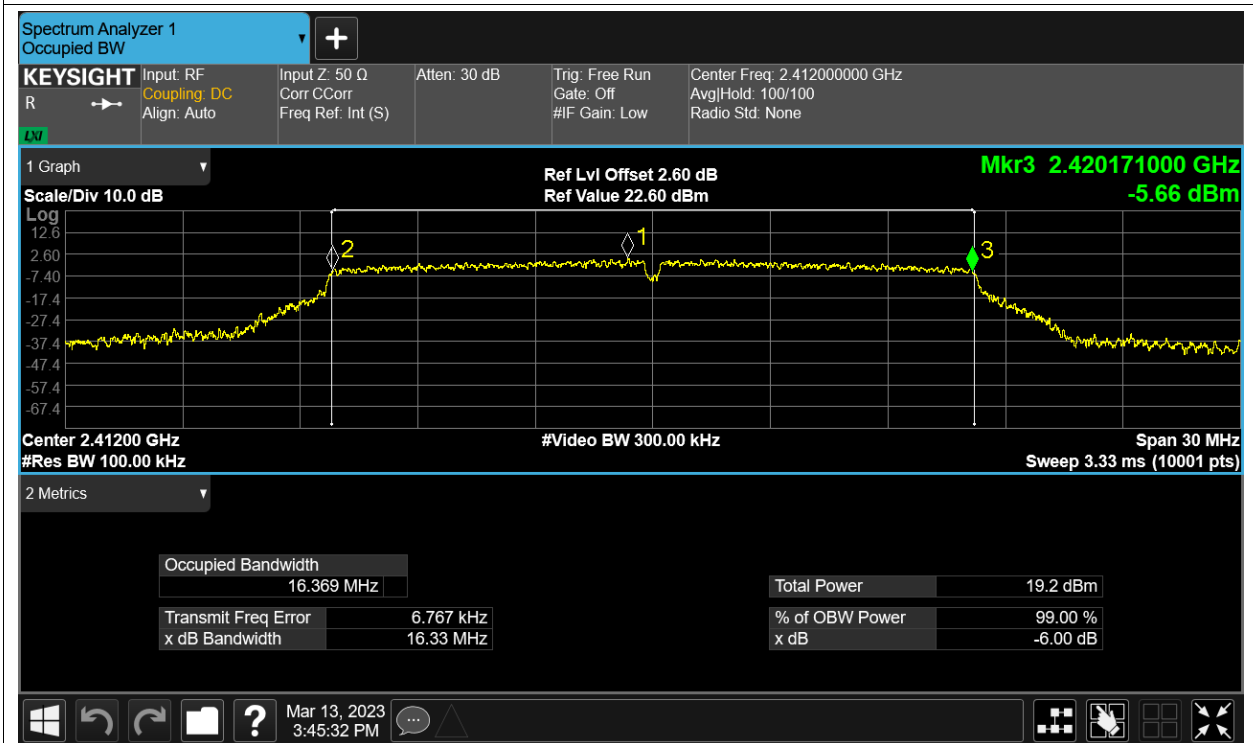
-6dB Bandwidth NVNT b 2437MHz Ant5



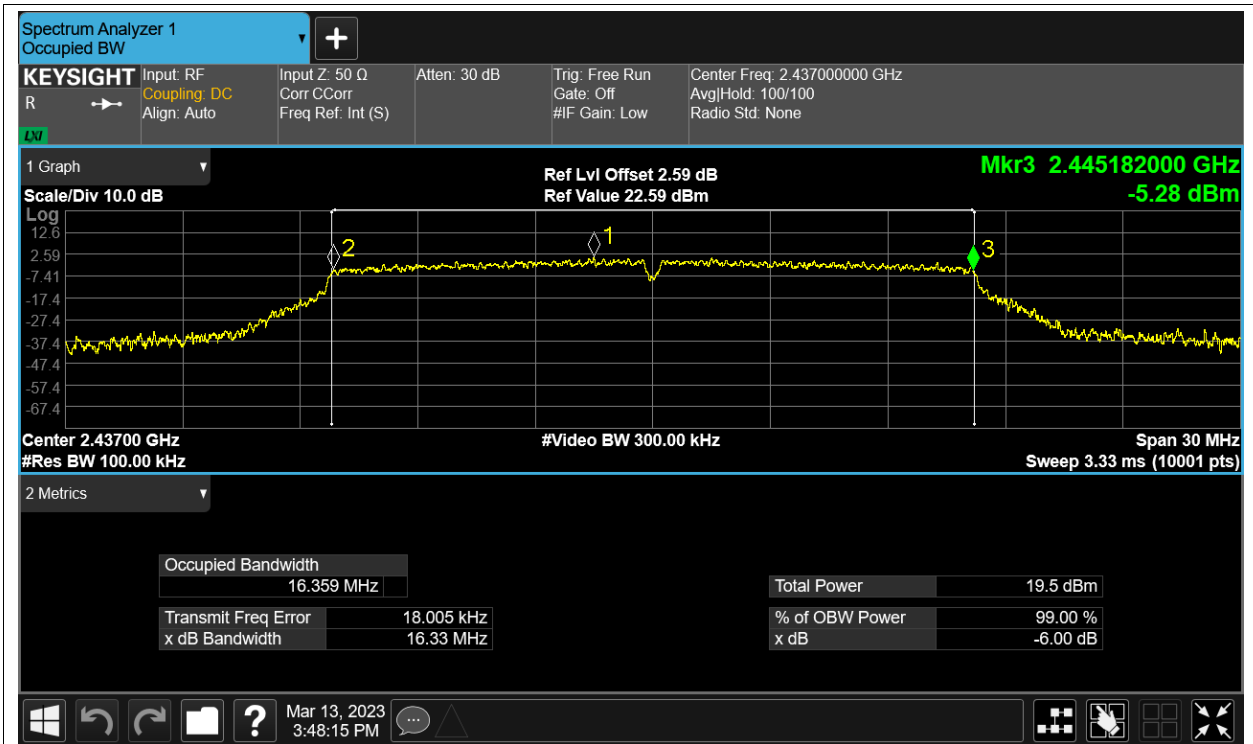
-6dB Bandwidth NVNT b 2462MHz Ant5



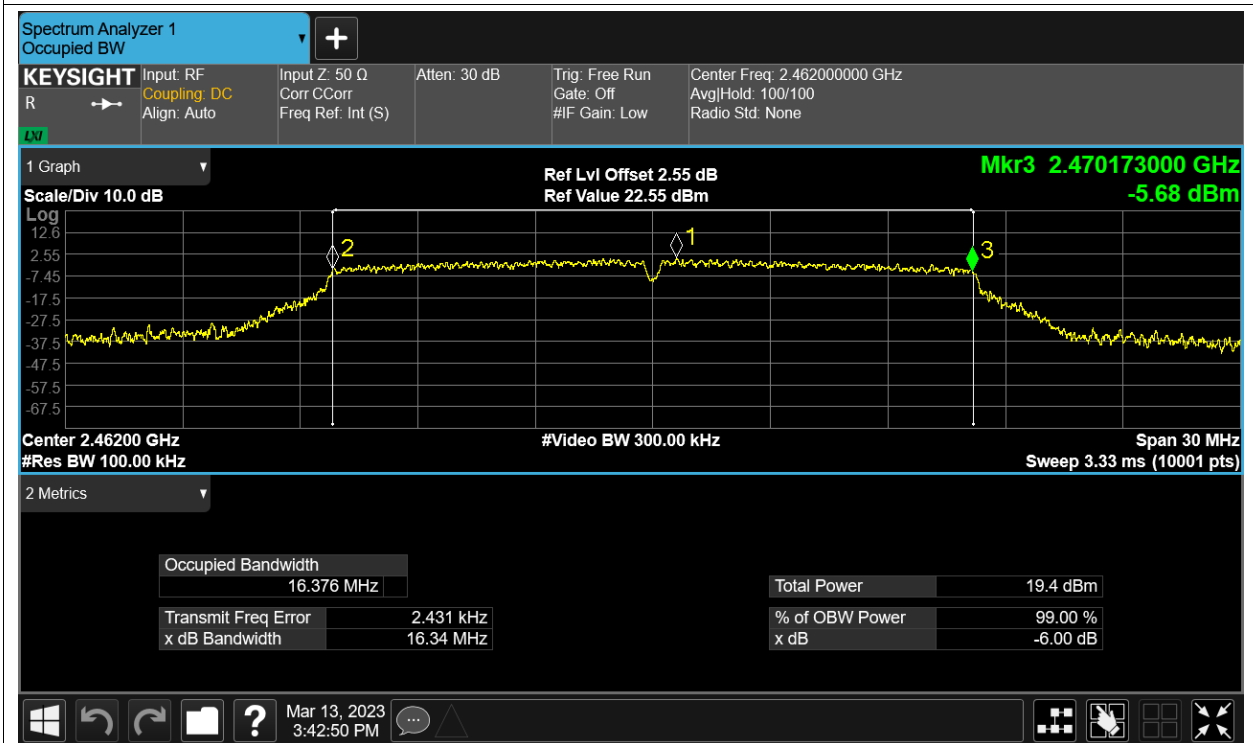
-6dB Bandwidth NVNT g 2412MHz Ant5



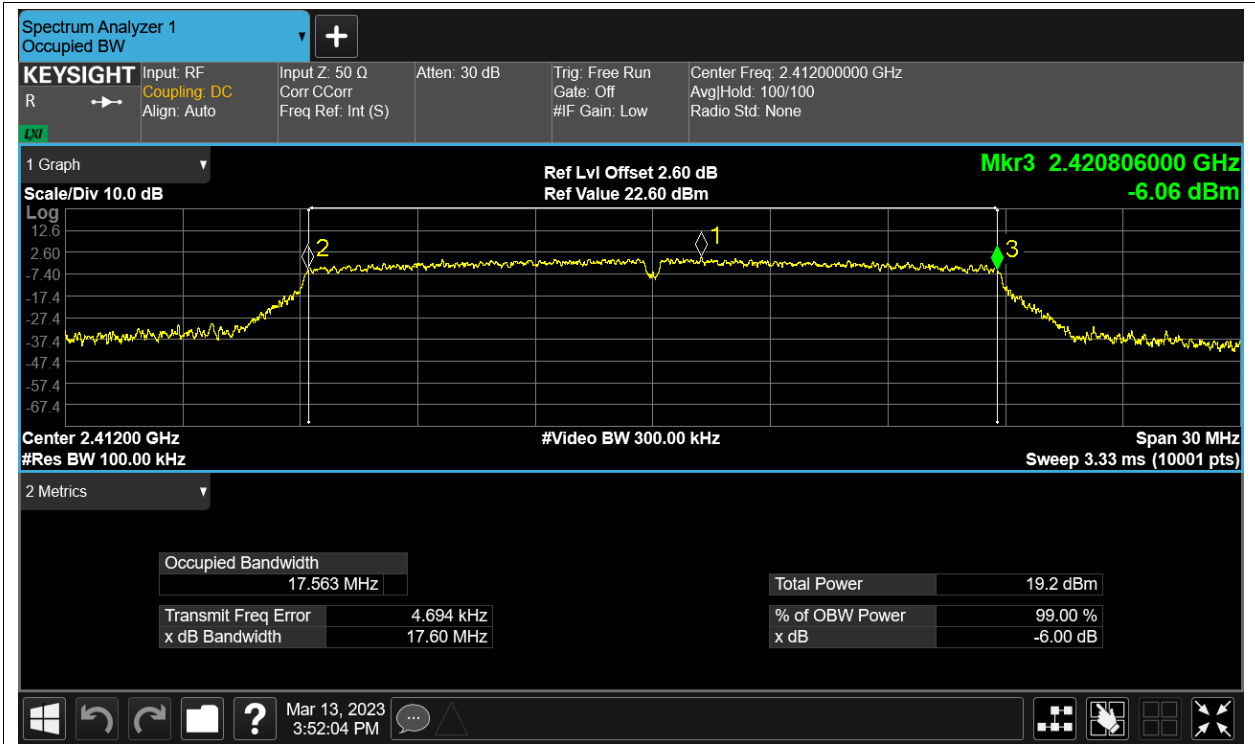
-6dB Bandwidth NVNT g 2437MHz Ant5



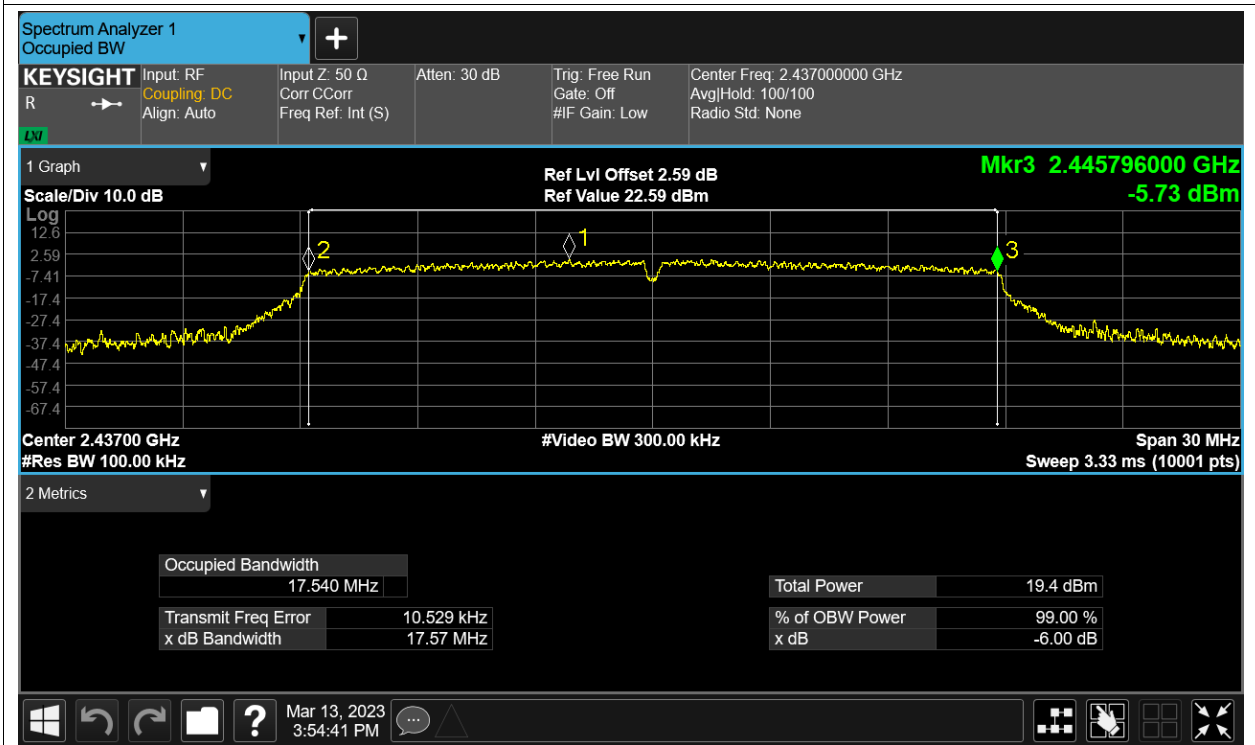
-6dB Bandwidth NVNT g 2462MHz Ant5



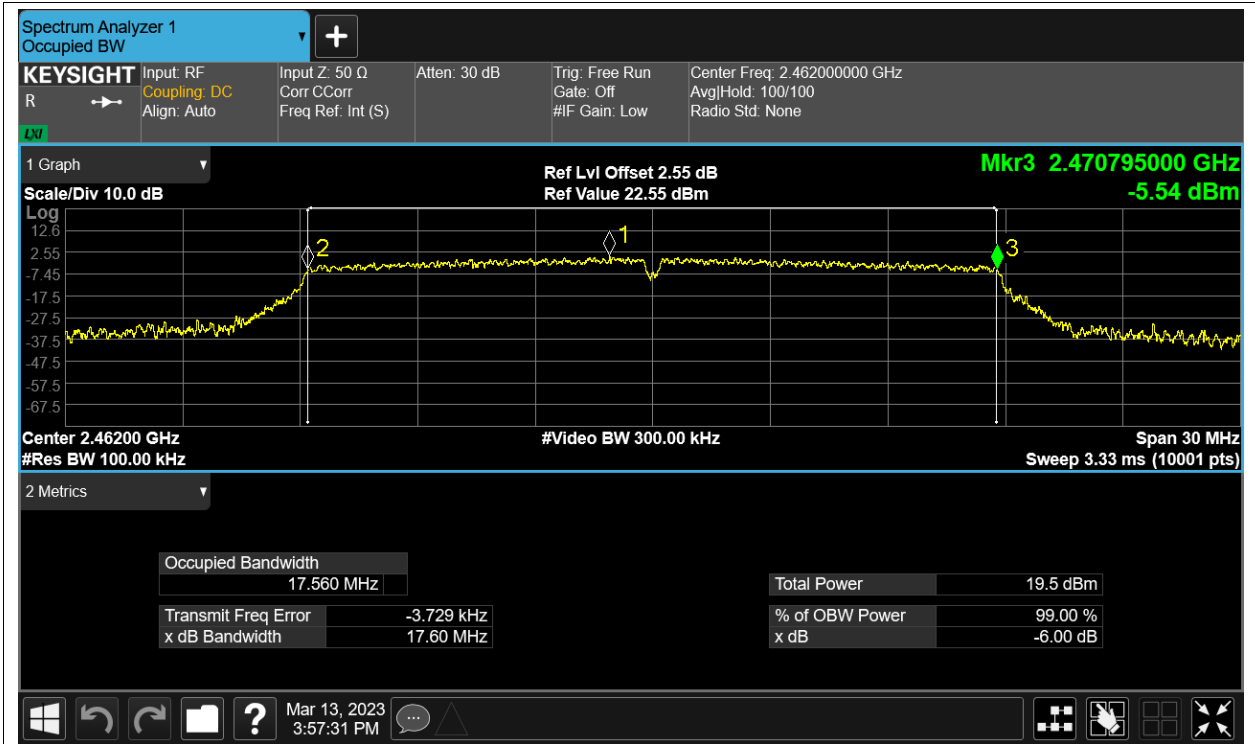
-6dB Bandwidth NVNT n20 2412MHz Ant5



-6dB Bandwidth NVNT n20 2437MHz Ant5



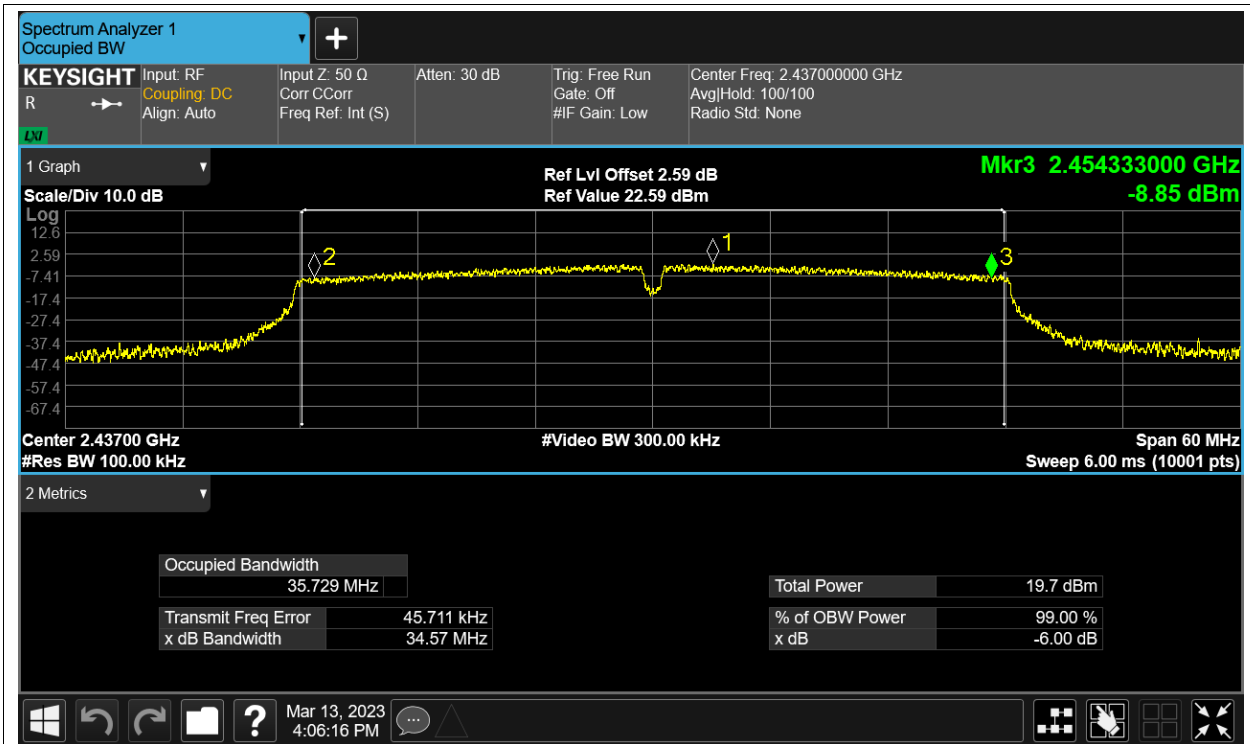
-6dB Bandwidth NVNT n20 2462MHz Ant5



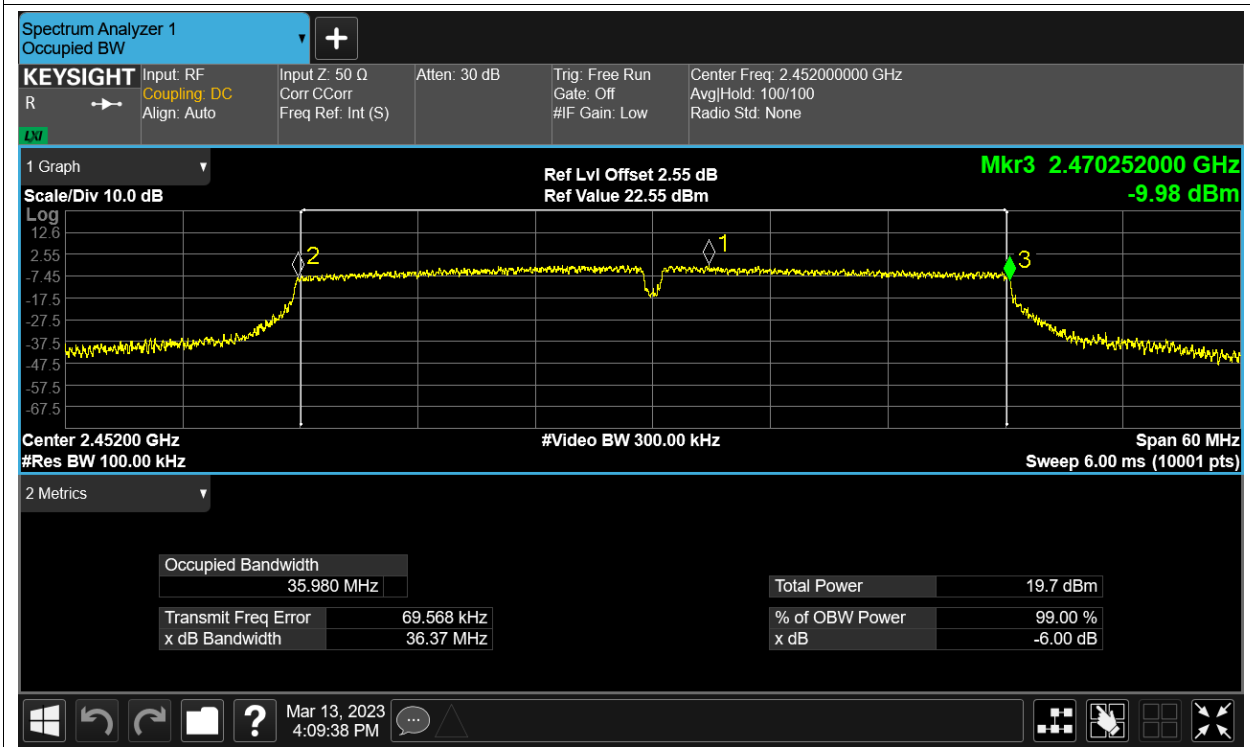
-6dB Bandwidth NVNT n40 2422MHz Ant5



-6dB Bandwidth NVNT n40 2437MHz Ant5



-6dB Bandwidth NVNT n40 2452MHz Ant5



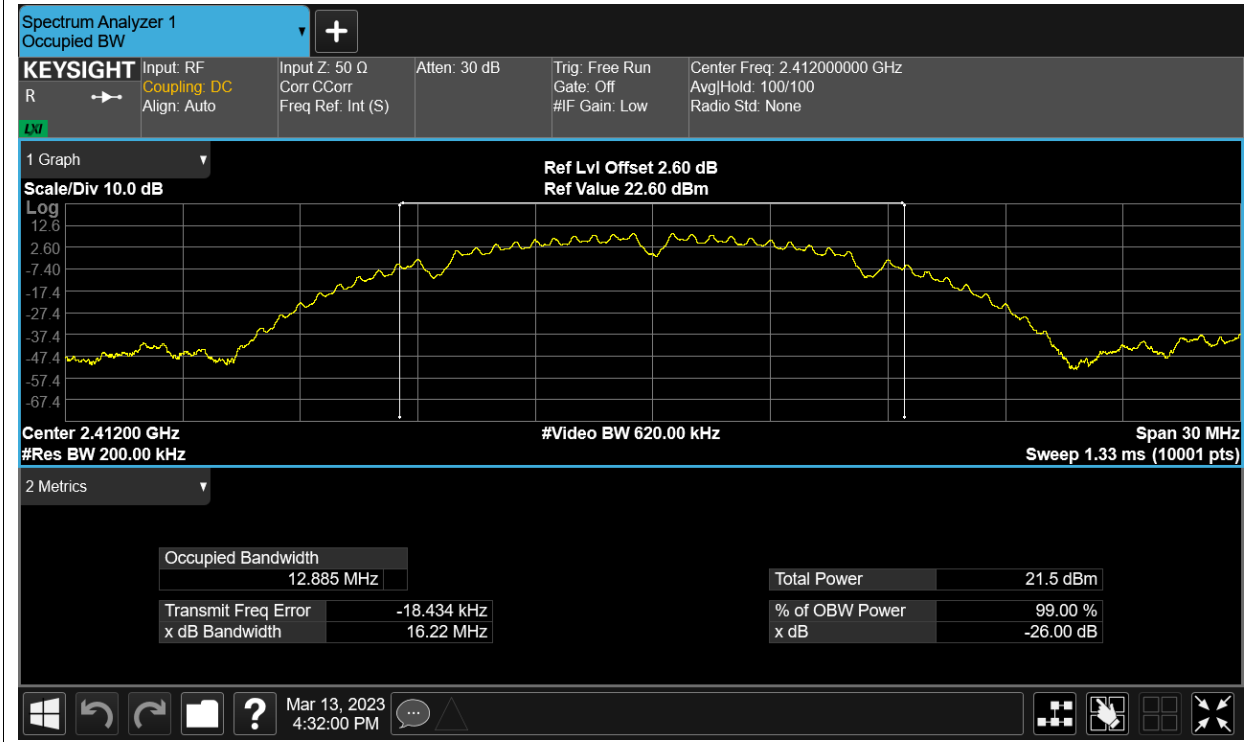
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant5	12.885
NVNT	b	2437	Ant5	12.632
NVNT	b	2462	Ant5	12.981
NVNT	g	2412	Ant5	16.445
NVNT	g	2437	Ant5	16.434
NVNT	g	2462	Ant5	16.449
NVNT	n20	2412	Ant5	17.607
NVNT	n20	2437	Ant5	17.575
NVNT	n20	2462	Ant5	17.614
NVNT	n40	2422	Ant5	36.109
NVNT	n40	2437	Ant5	35.796
NVNT	n40	2452	Ant5	36.073

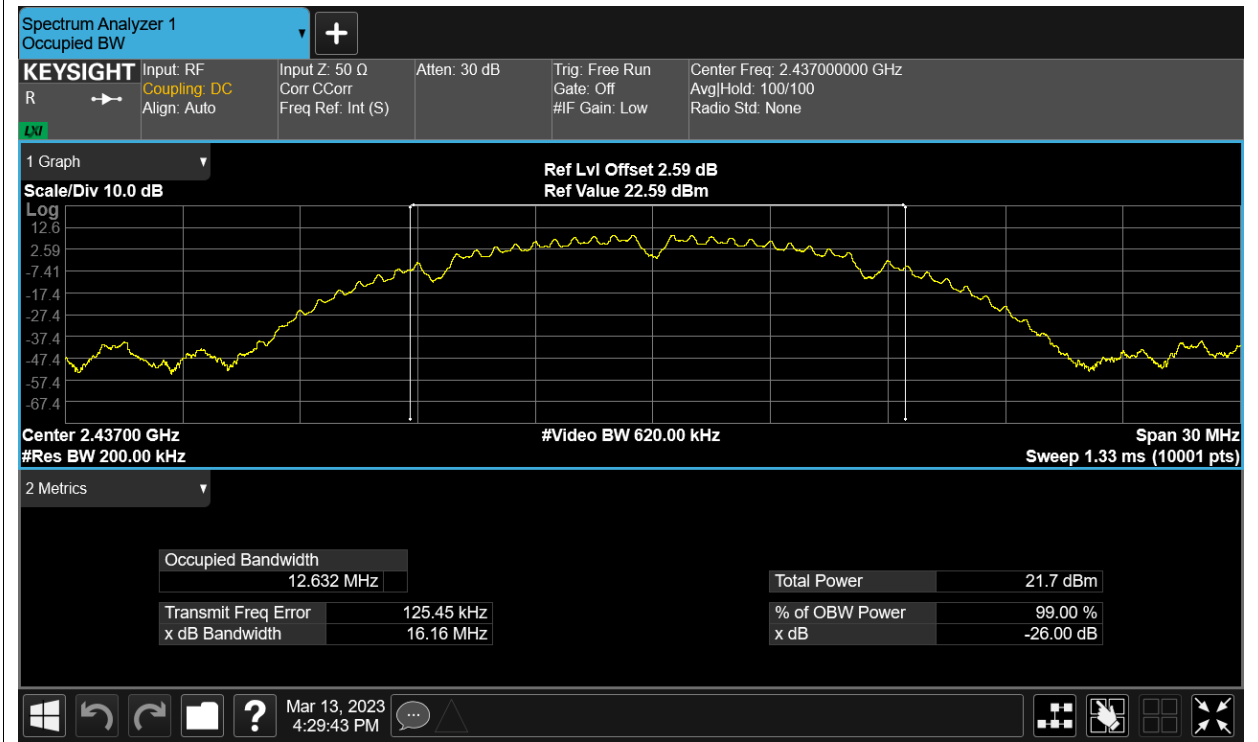


Test Graphs

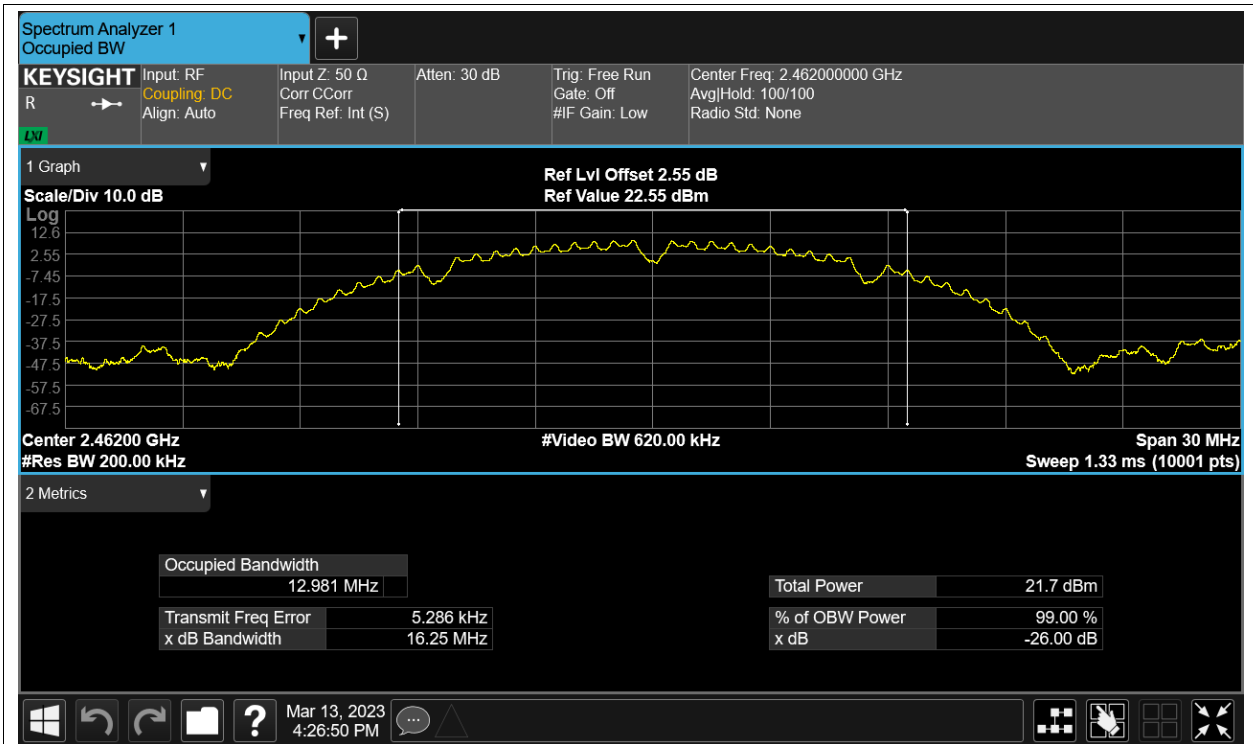
OBW NVNT b 2412MHz Ant5



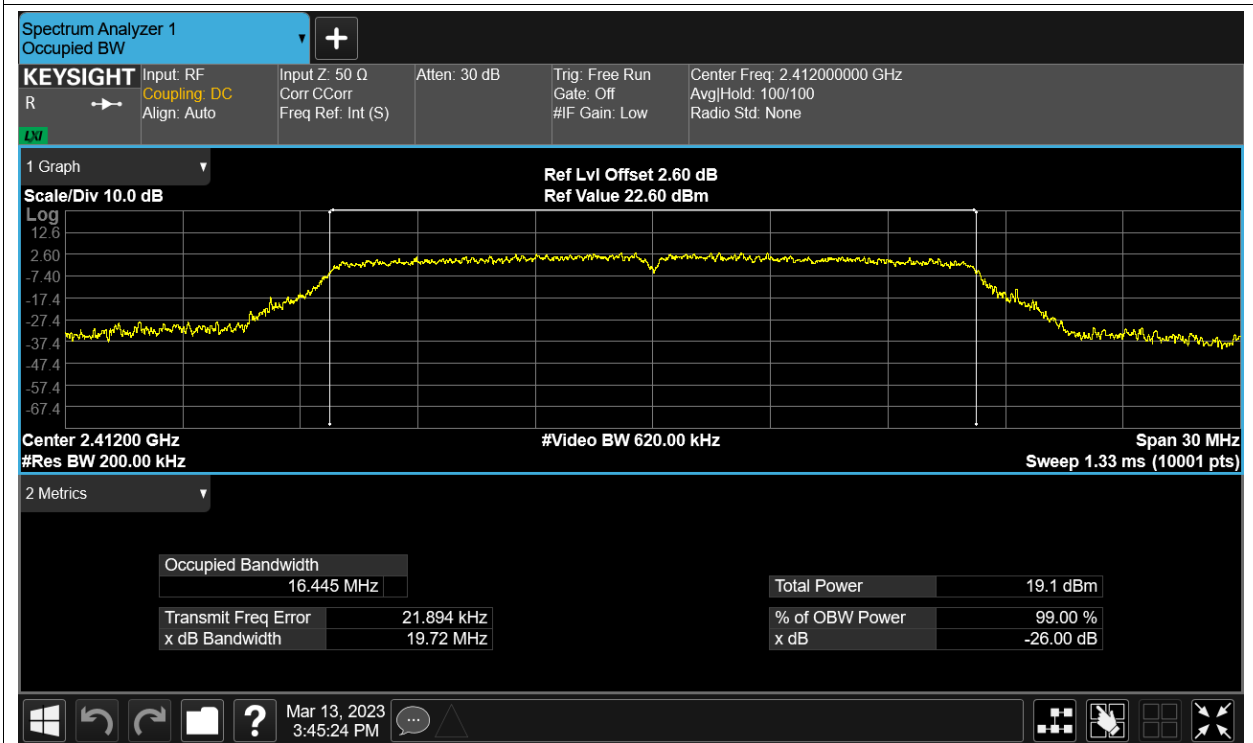
OBW NVNT b 2437MHz Ant5



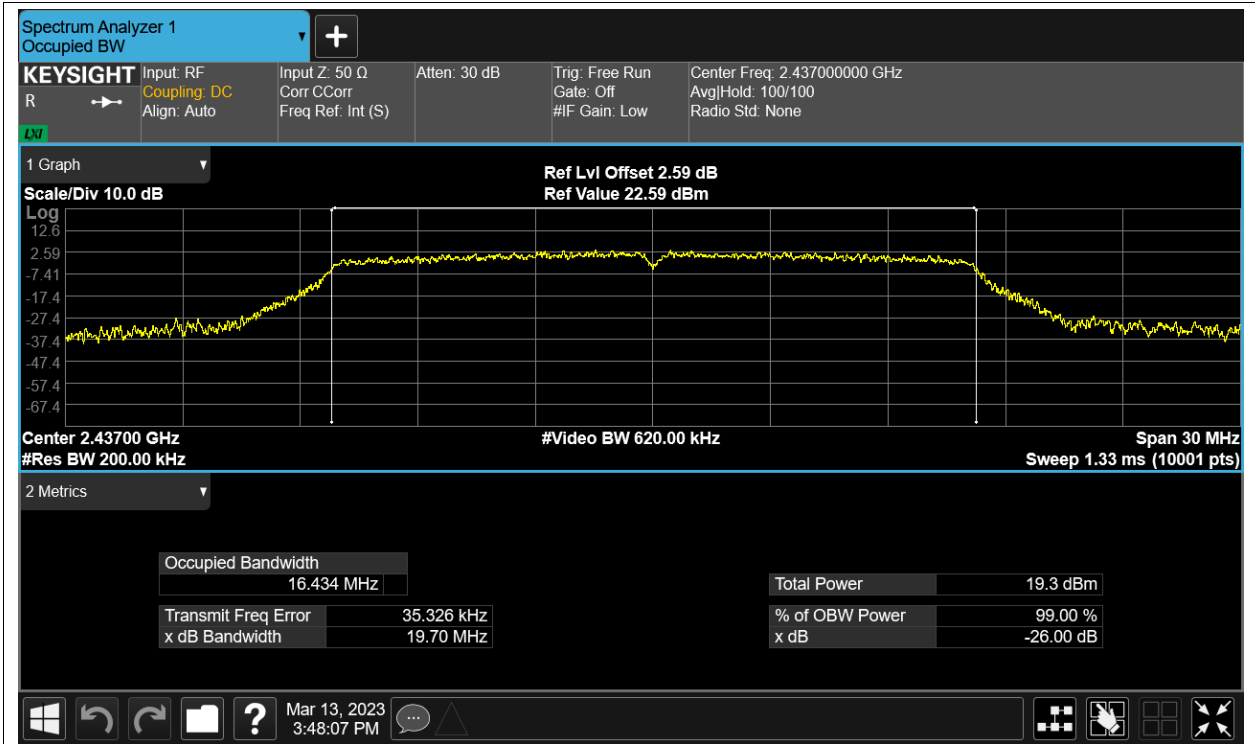
OBW NVNT b 2462MHz Ant5



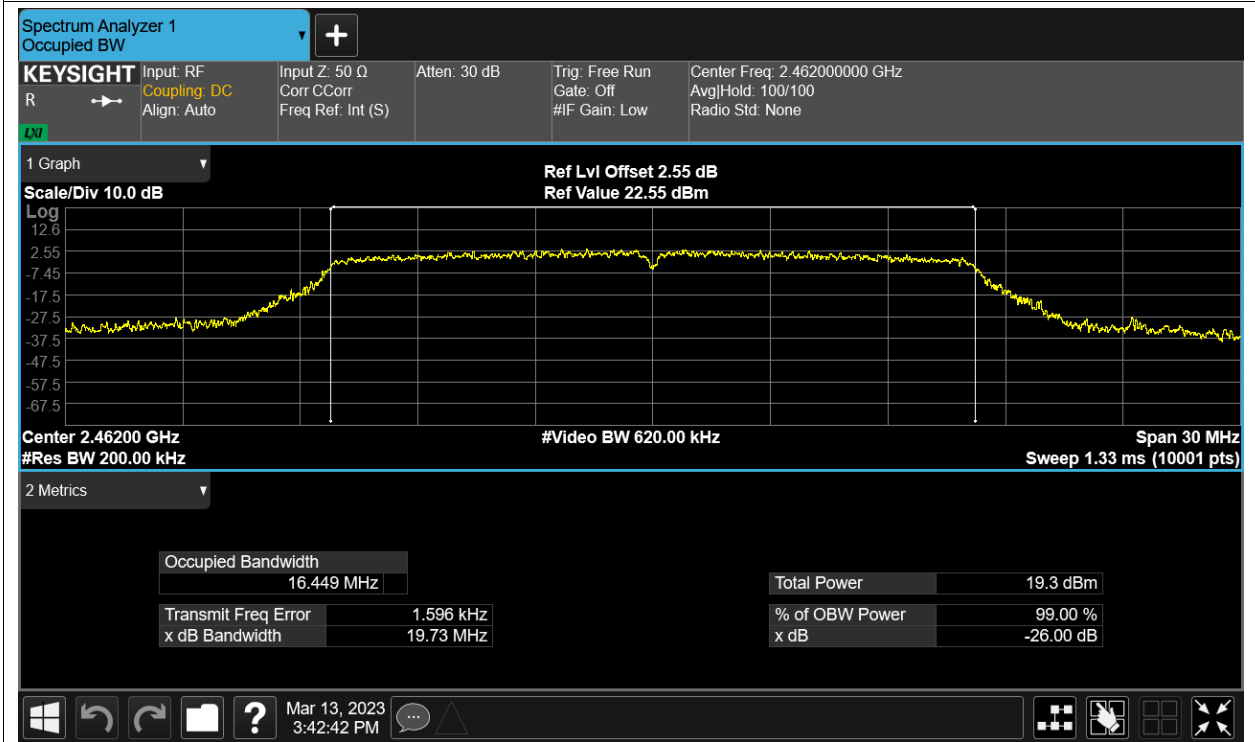
OBW NVNT g 2412MHz Ant5



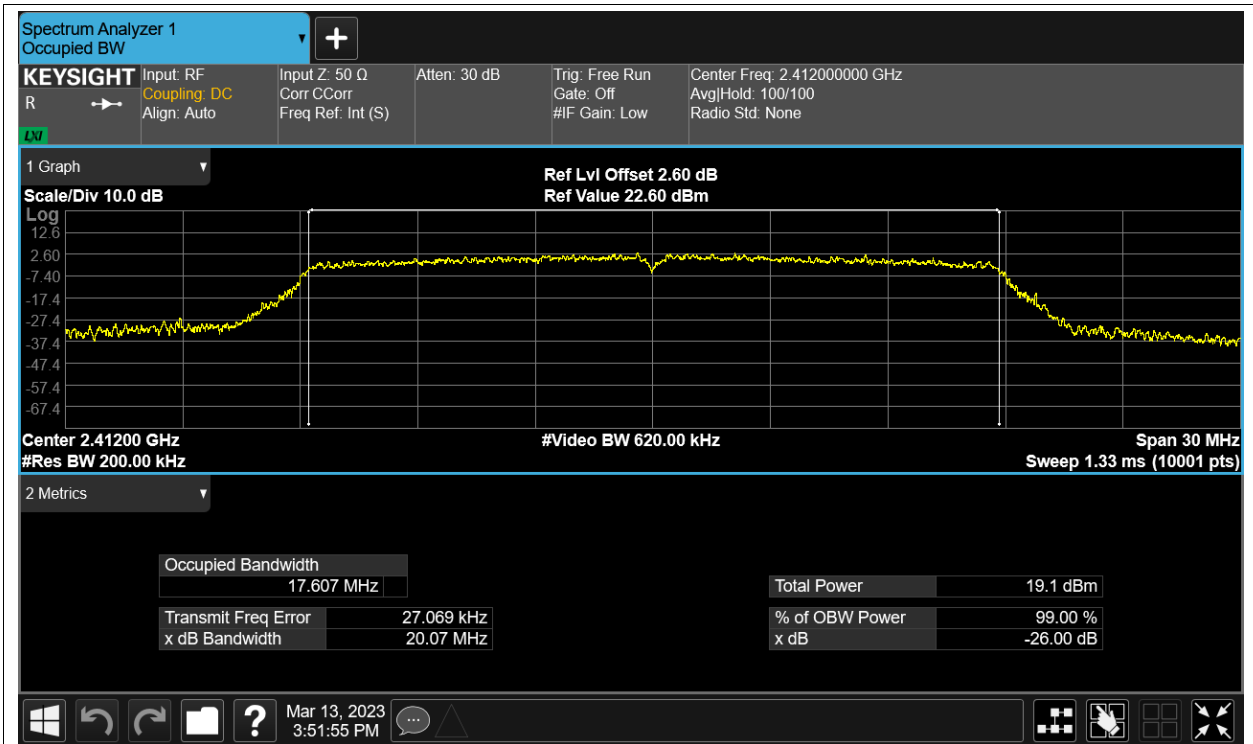
OBW NVNT g 2437MHz Ant5



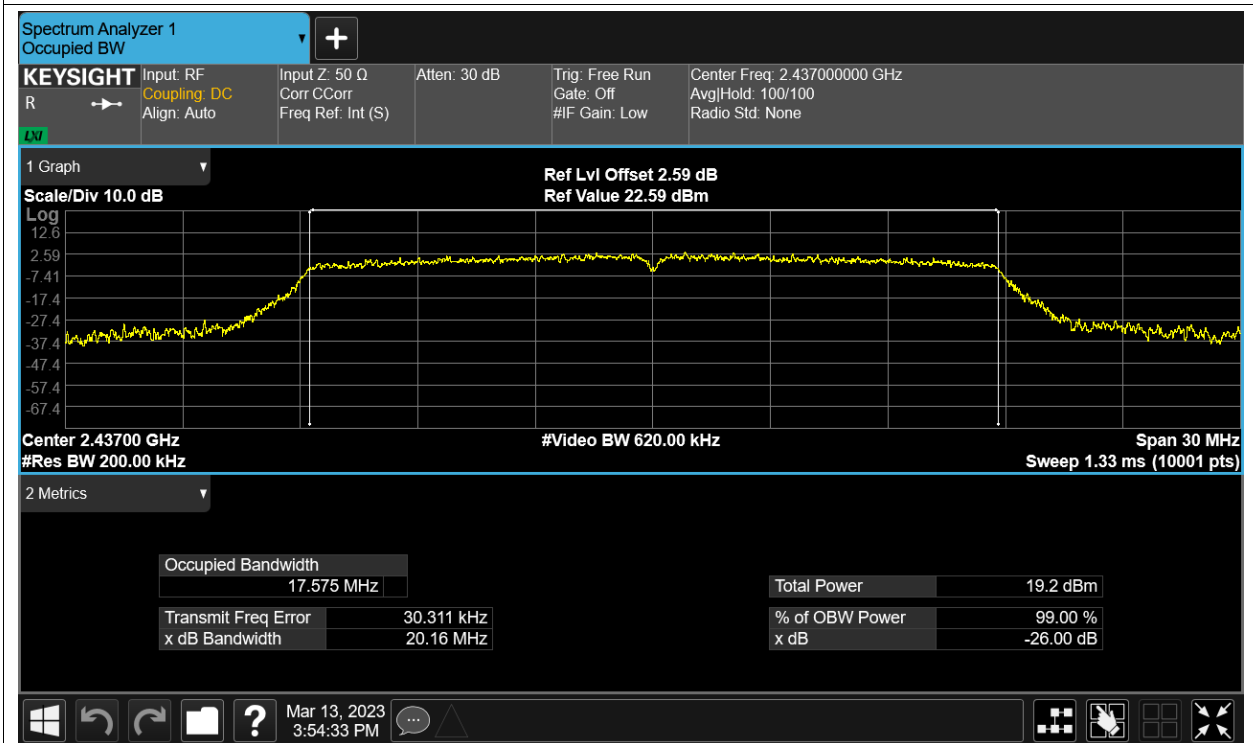
OBW NVNT g 2462MHz Ant5



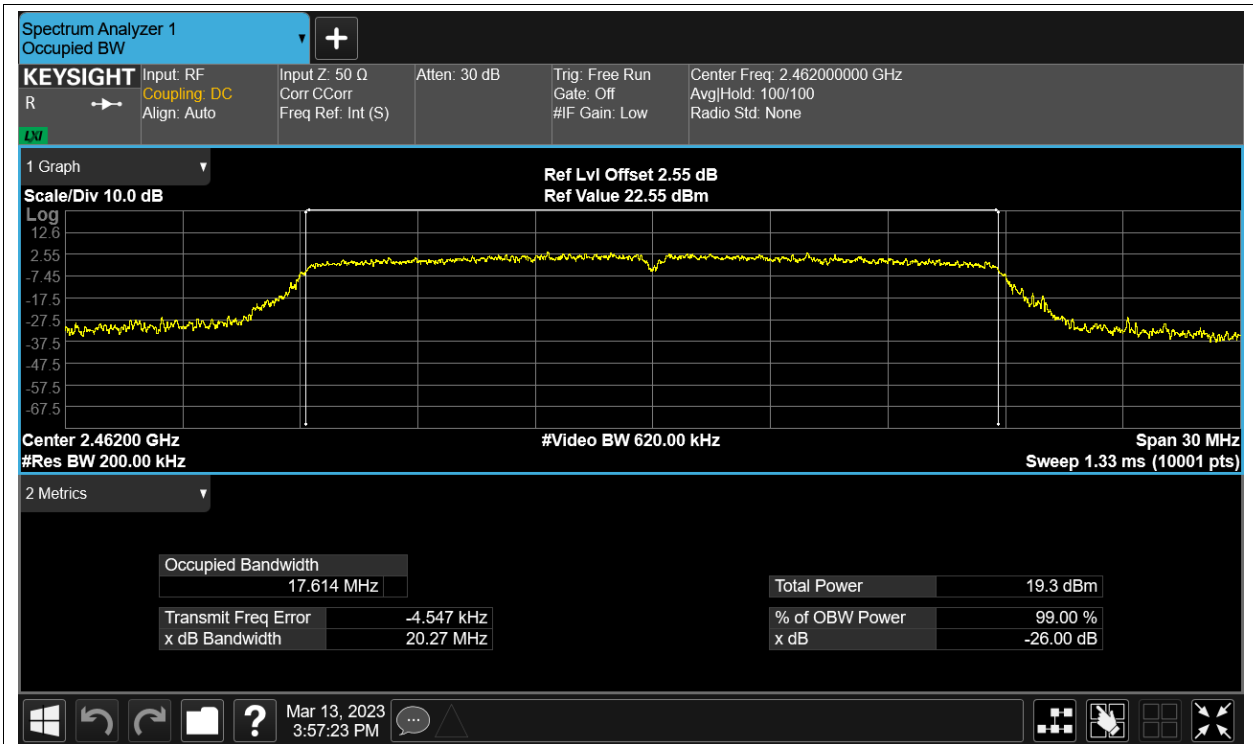
OBW NVNT n20 2412MHz Ant5



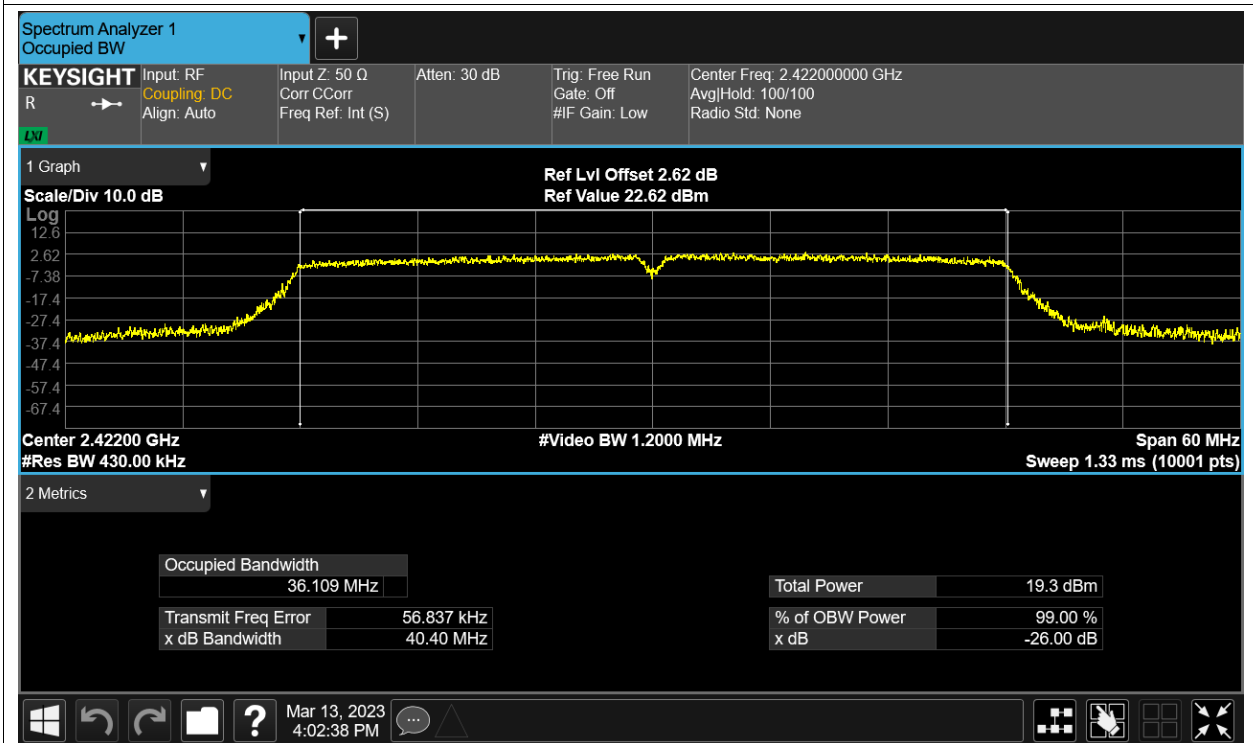
OBW NVNT n20 2437MHz Ant5



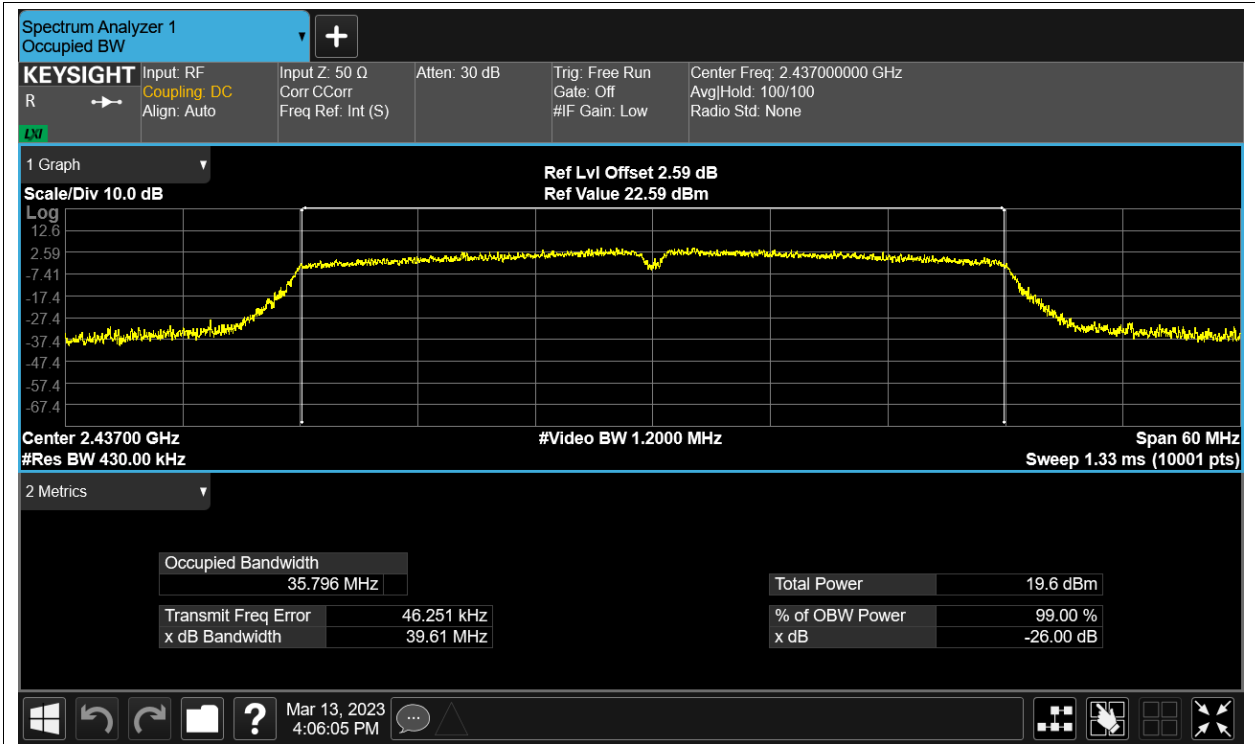
OBW NVNT n20 2462MHz Ant5



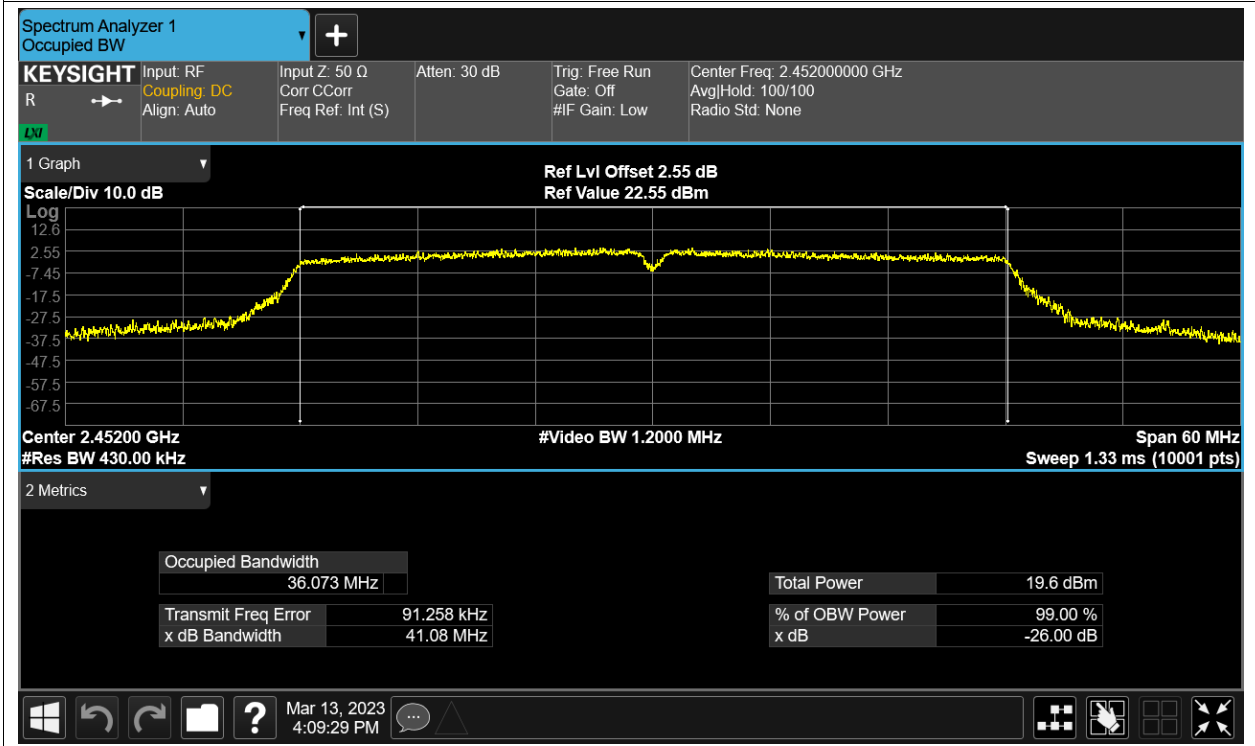
OBW NVNT n40 2422MHz Ant5



OBW NVNT n40 2437MHz Ant5



OBW NVNT n40 2452MHz Ant5

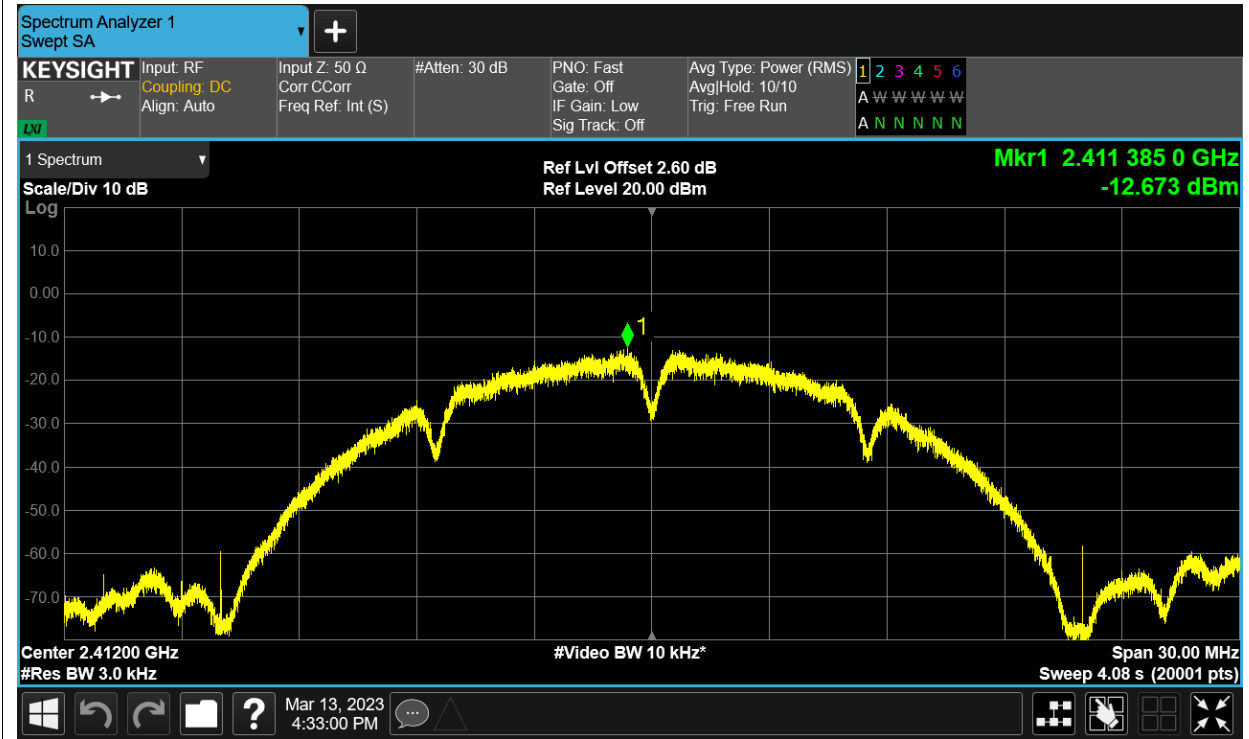


## Maximum Power Spectral Density Level

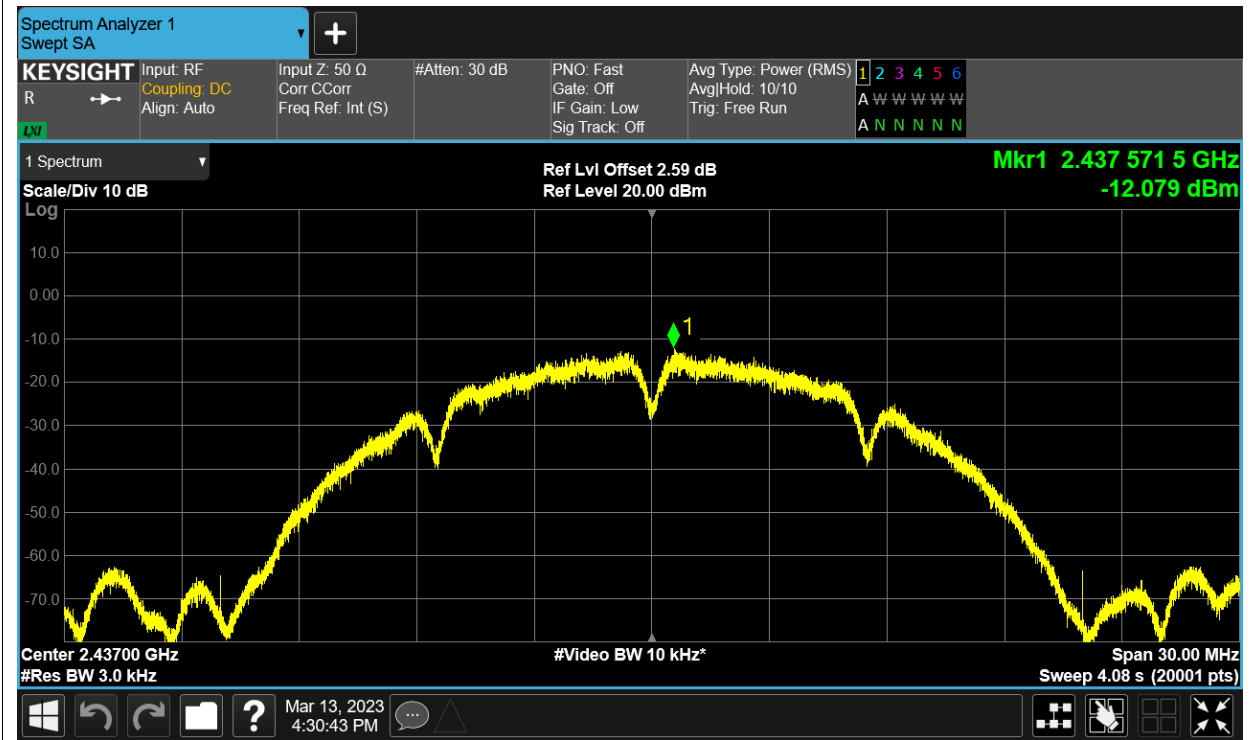
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant5	-12.673	8	Pass
NVNT	b	2437	Ant5	-12.079	8	Pass
NVNT	b	2462	Ant5	-12.926	8	Pass
NVNT	g	2412	Ant5	-17.983	8	Pass
NVNT	g	2437	Ant5	-17.845	8	Pass
NVNT	g	2462	Ant5	-17.794	8	Pass
NVNT	n20	2412	Ant5	-18.416	8	Pass
NVNT	n20	2437	Ant5	-18.16	8	Pass
NVNT	n20	2462	Ant5	-18.197	8	Pass
NVNT	n40	2422	Ant5	-21.499	8	Pass
NVNT	n40	2437	Ant5	-20.301	8	Pass
NVNT	n40	2452	Ant5	-20.874	8	Pass

Test Graphs

PSD NVNT b 2412MHz Ant5

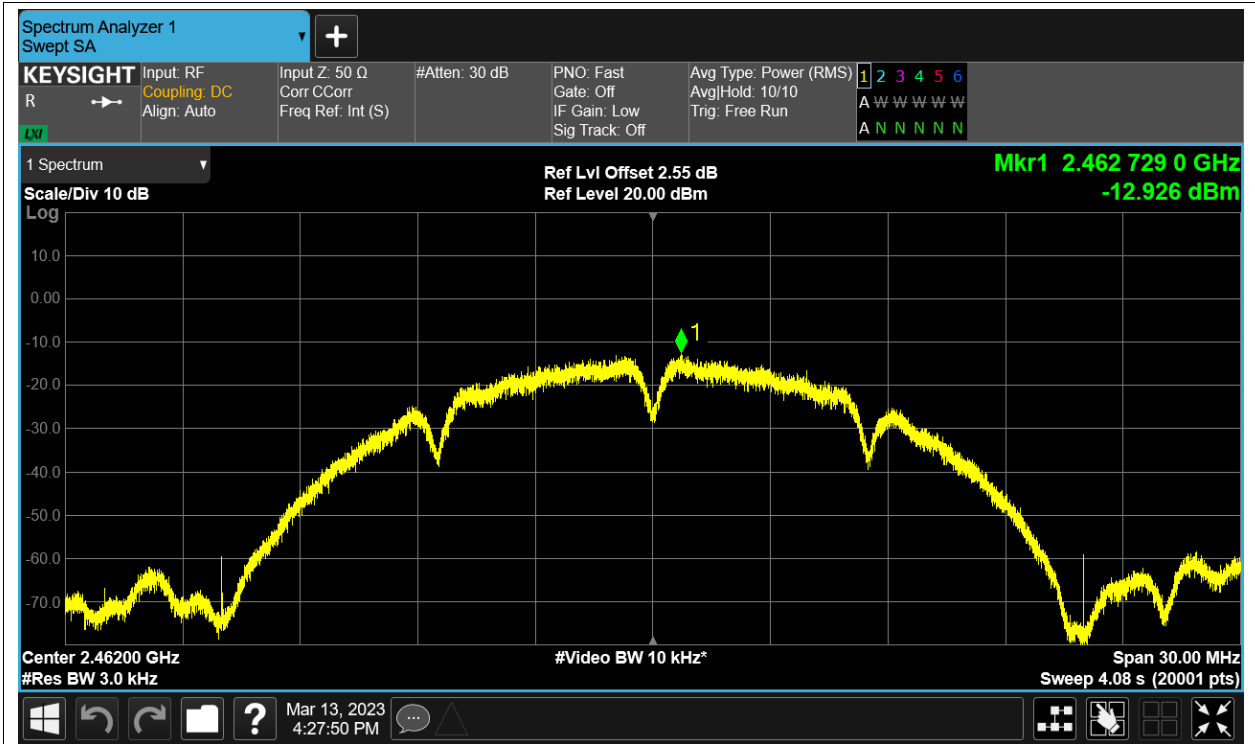


PSD NVNT b 2437MHz Ant5

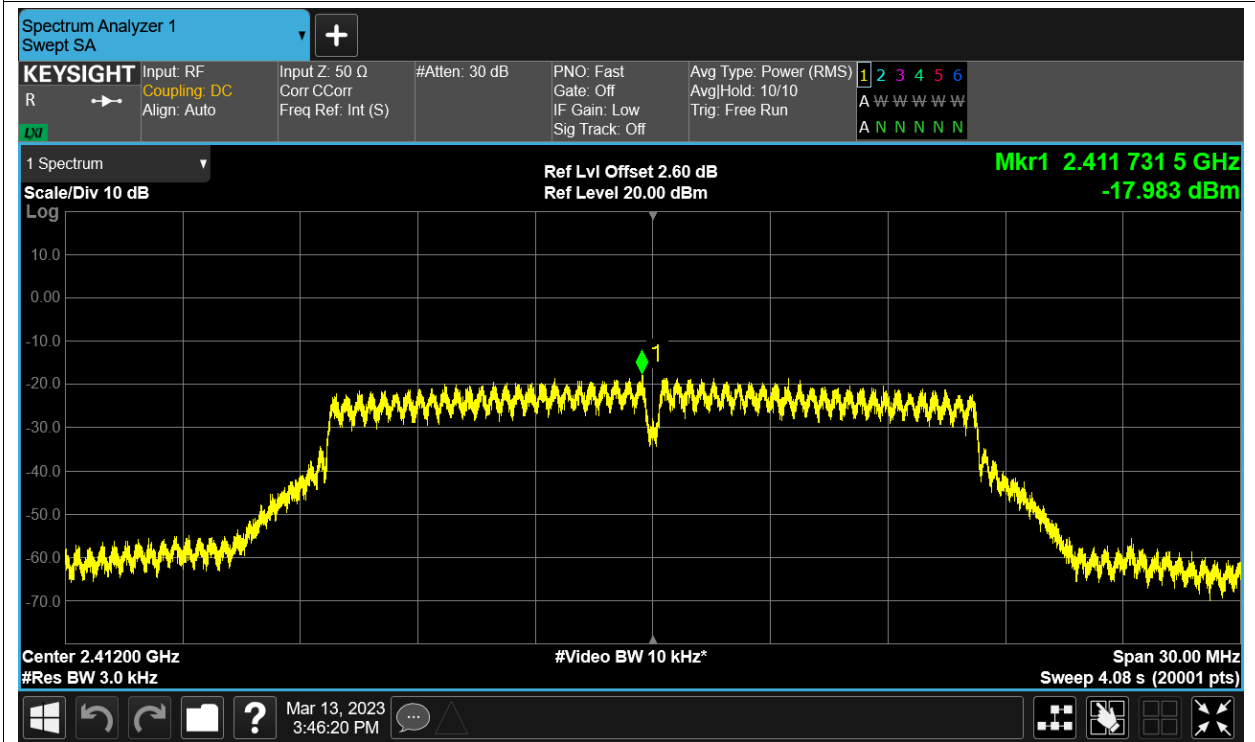


PSD NVNT b 2462MHz Ant5

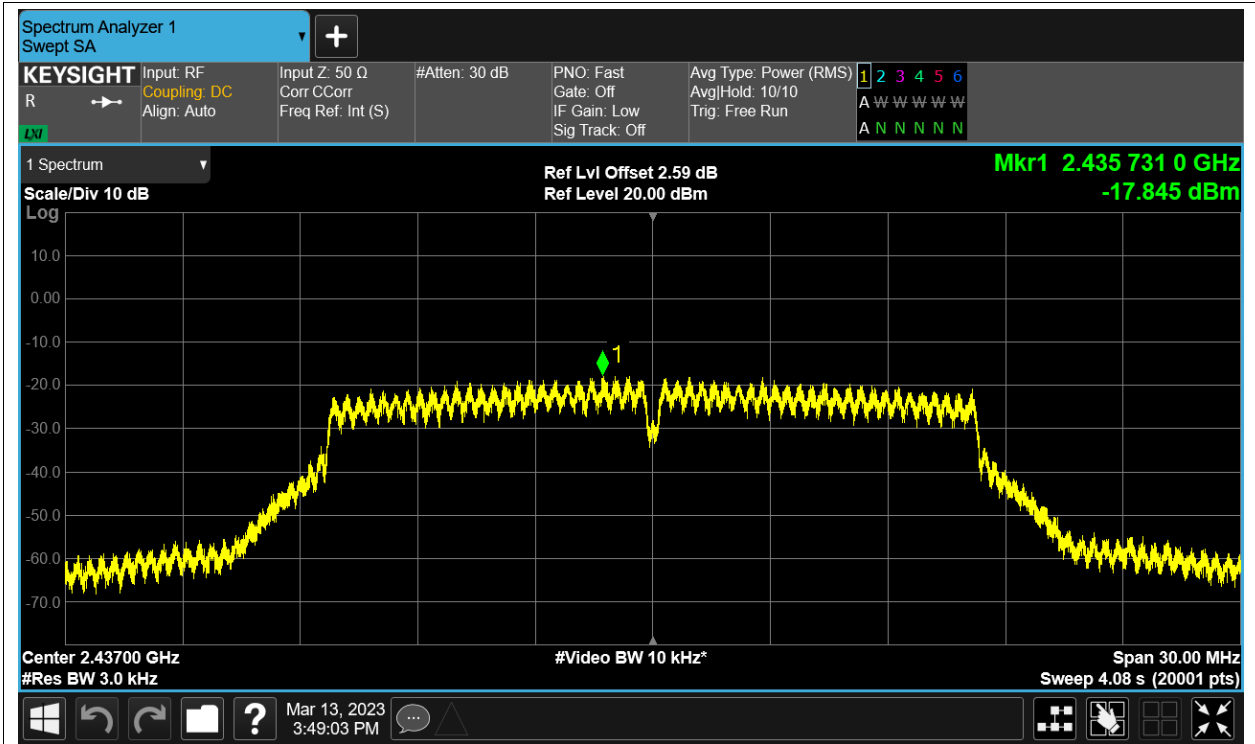




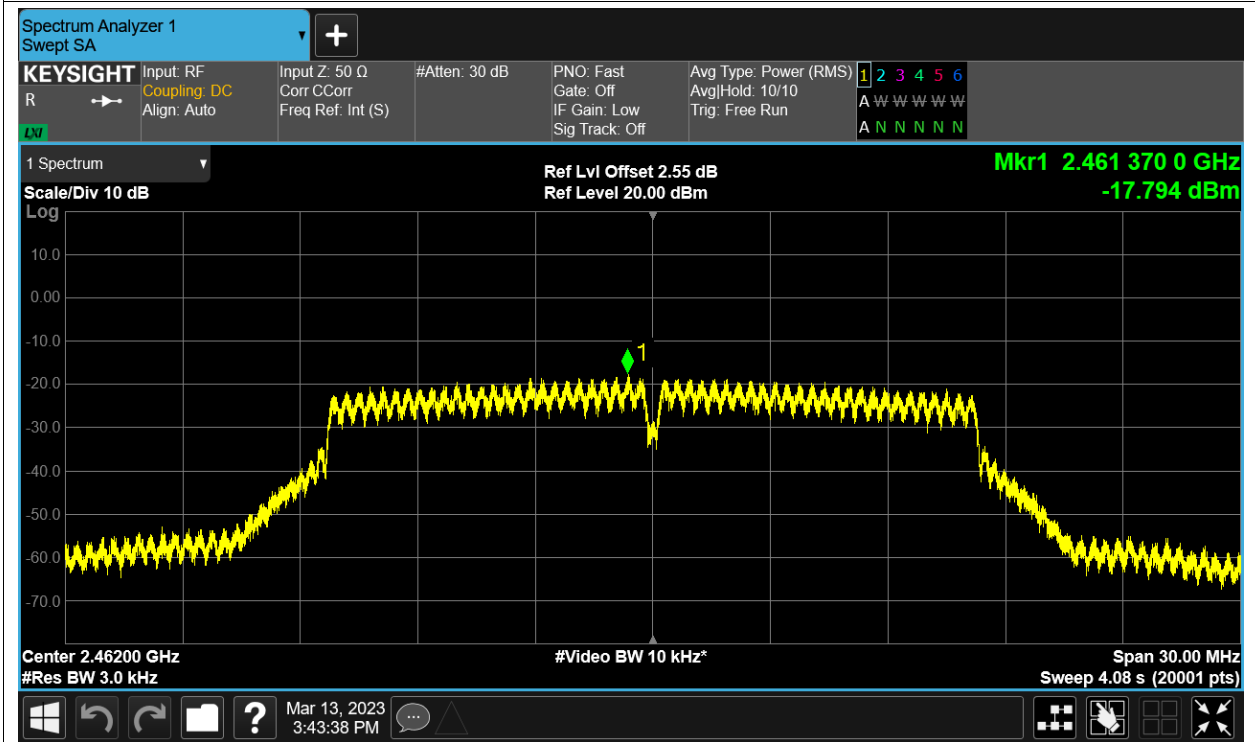
PSD NVNT g 2412MHz Ant5



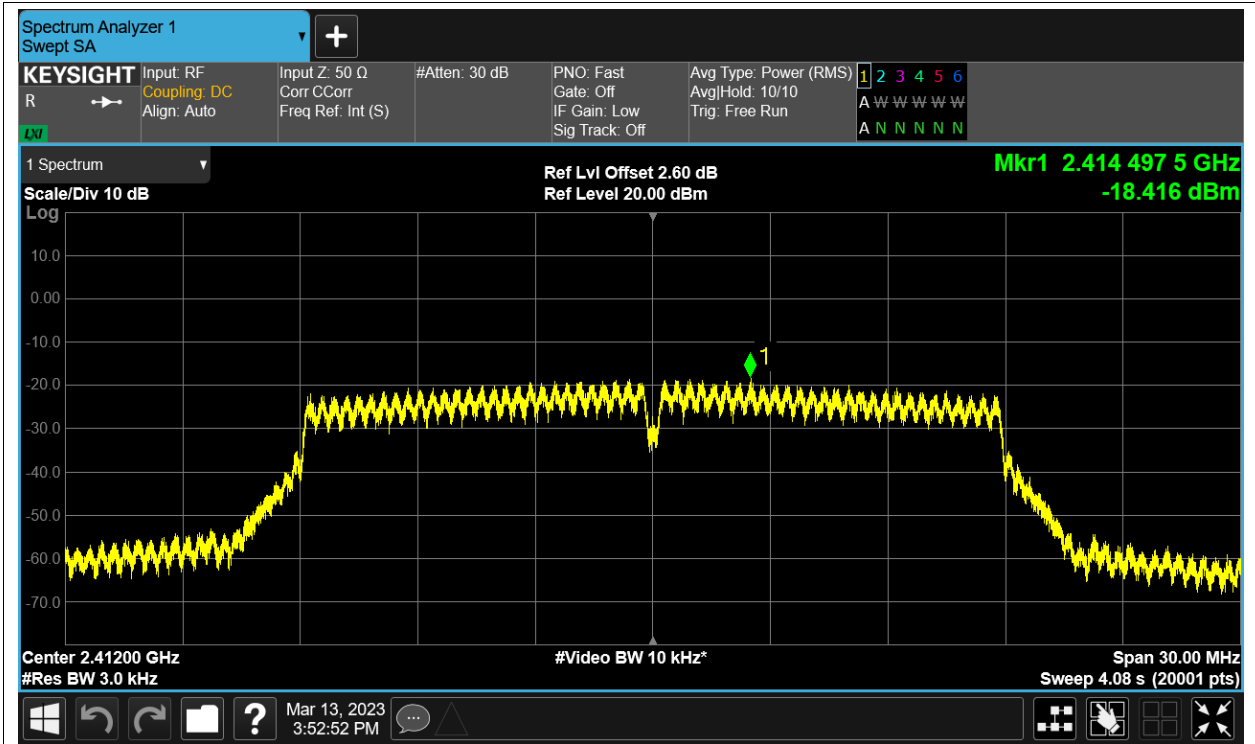
PSD NVNT g 2437MHz Ant5



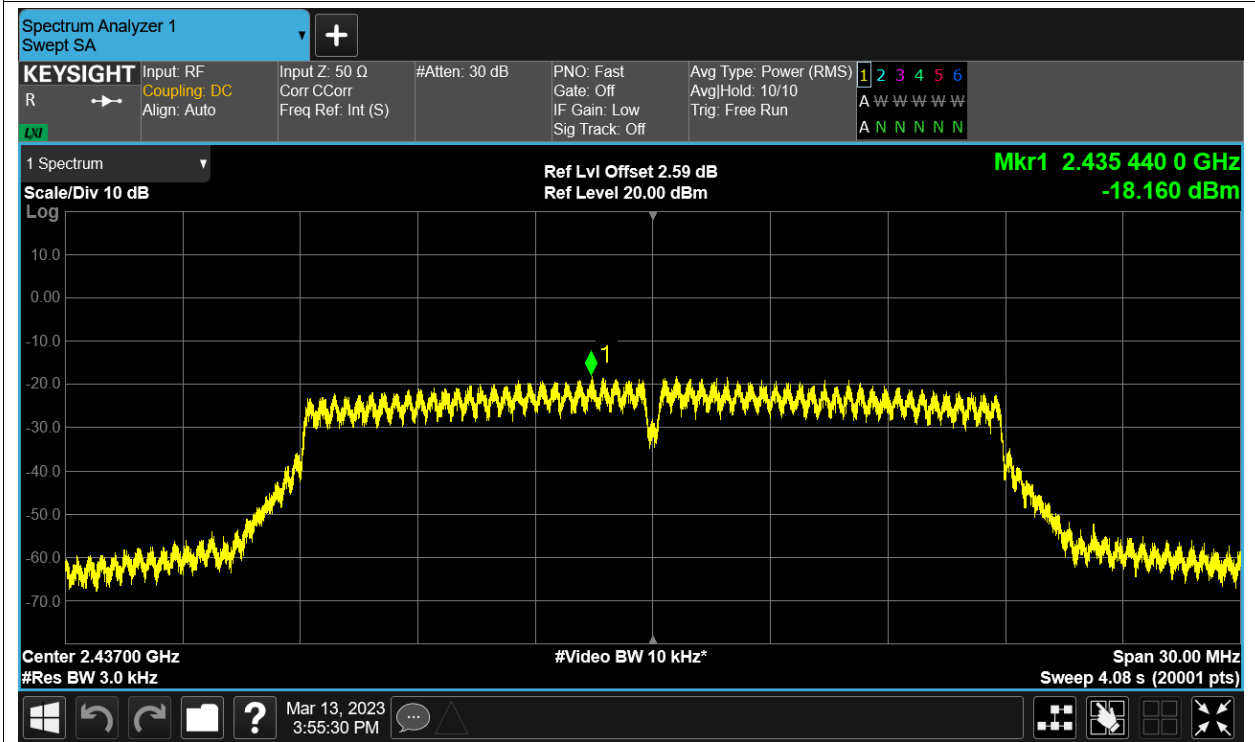
PSD NVNT g 2462MHz Ant5



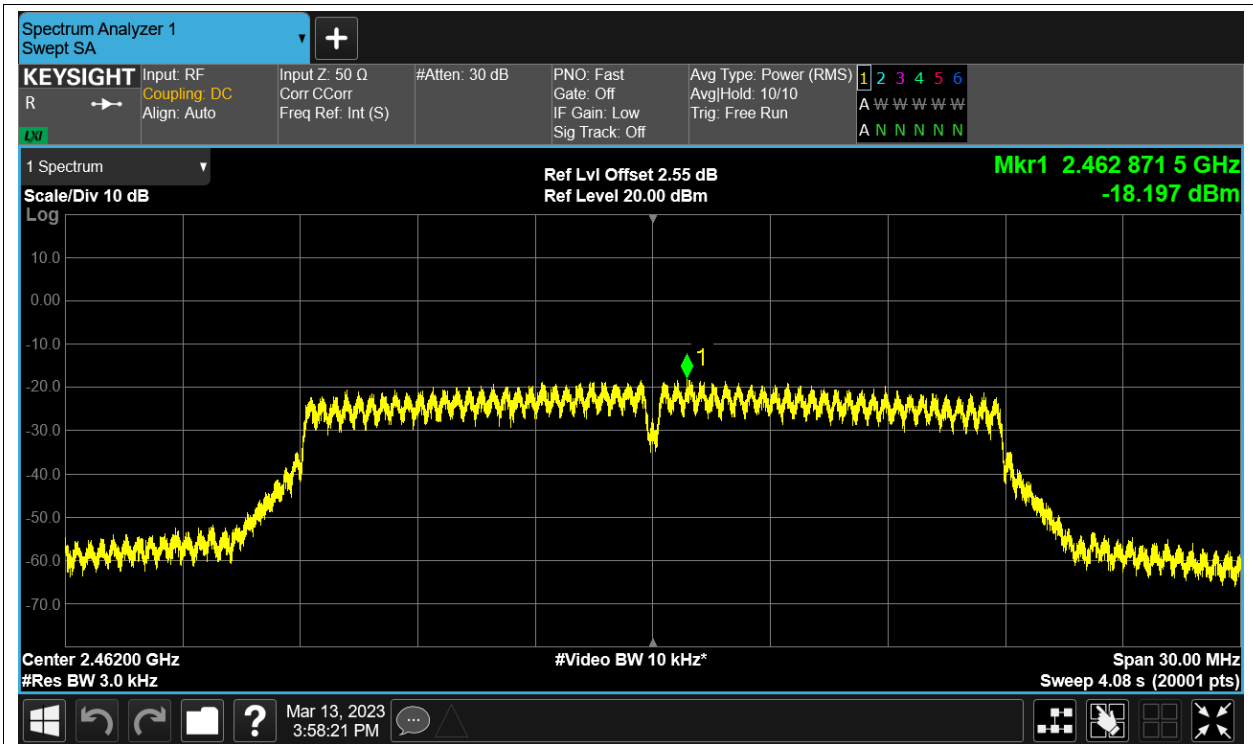
PSD NVNT n20 2412MHz Ant5



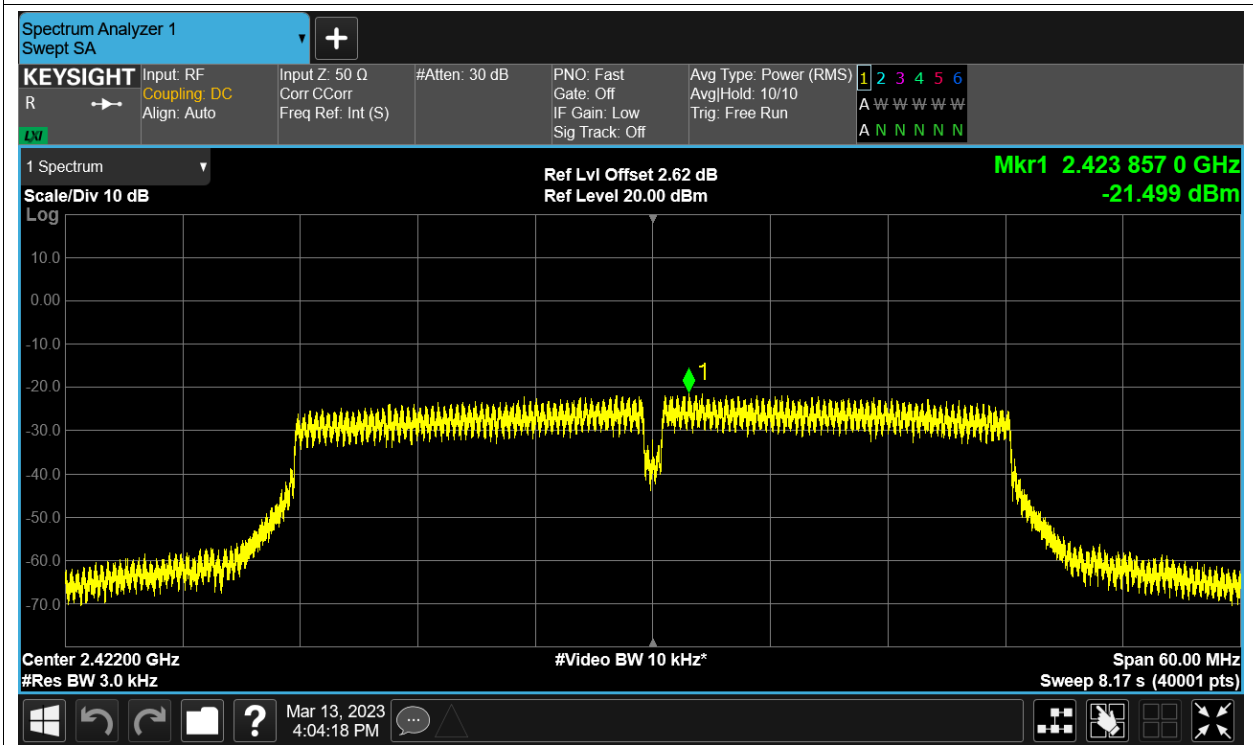
PSD NVNT n20 2437MHz Ant5



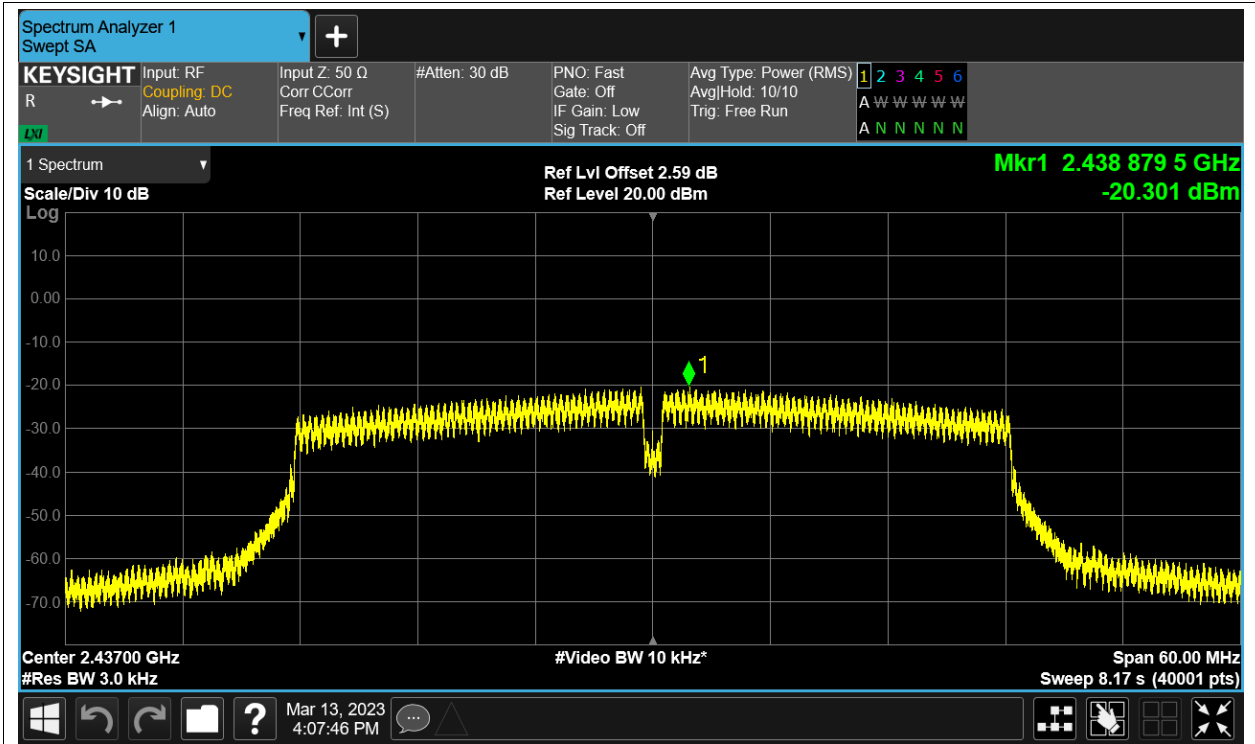
PSD NVNT n20 2462MHz Ant5



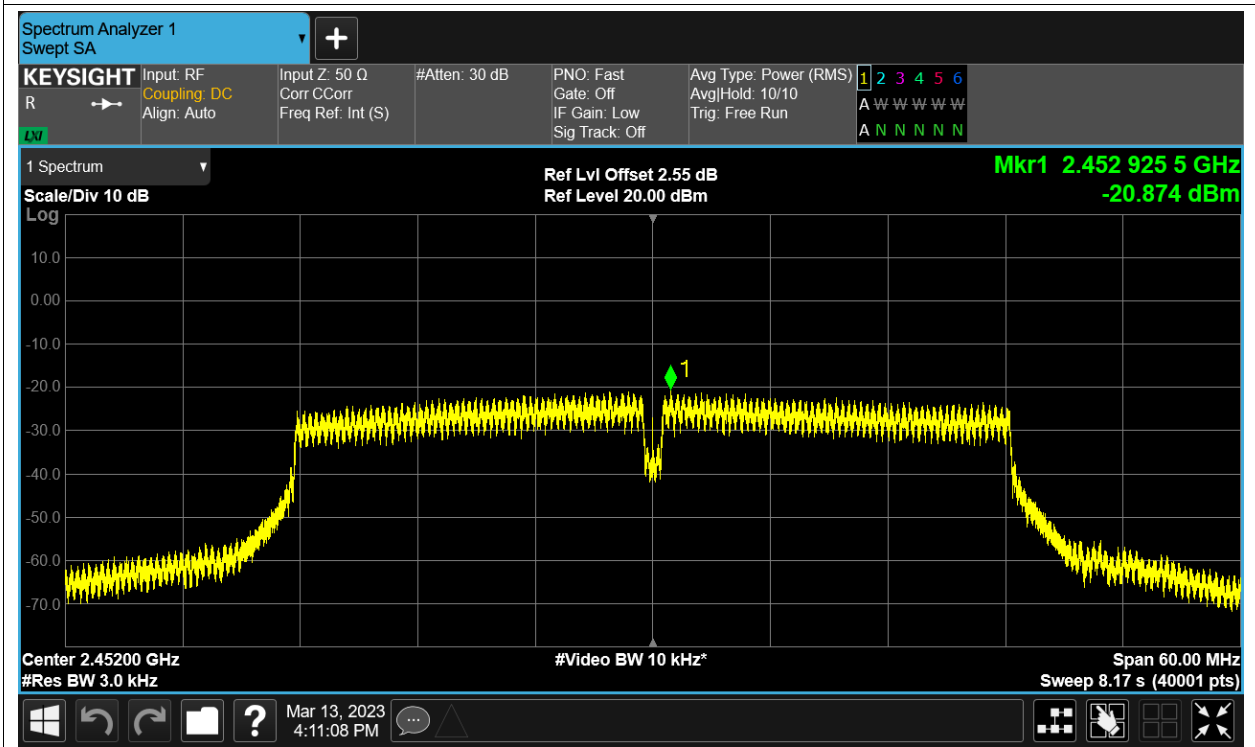
PSD NVNT n40 2422MHz Ant5



PSD NVNT n40 2437MHz Ant5



PSD NVNT n40 2452MHz Ant5

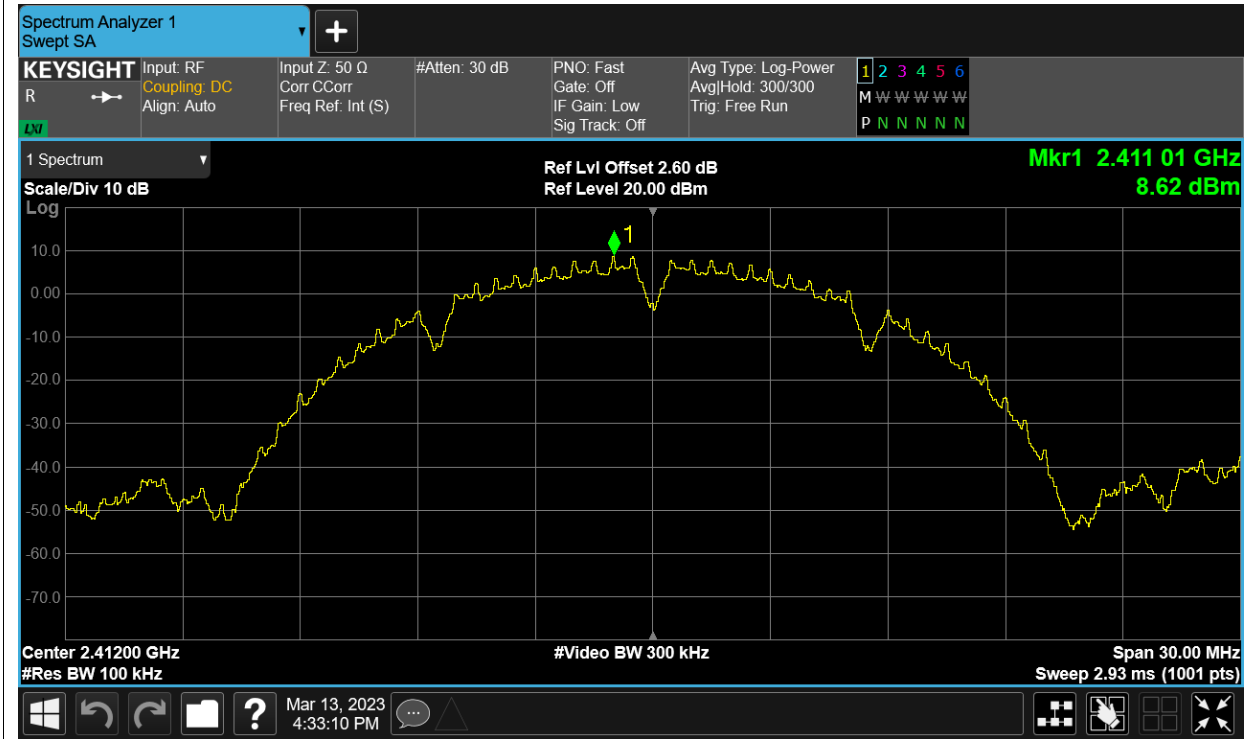


## Band Edge

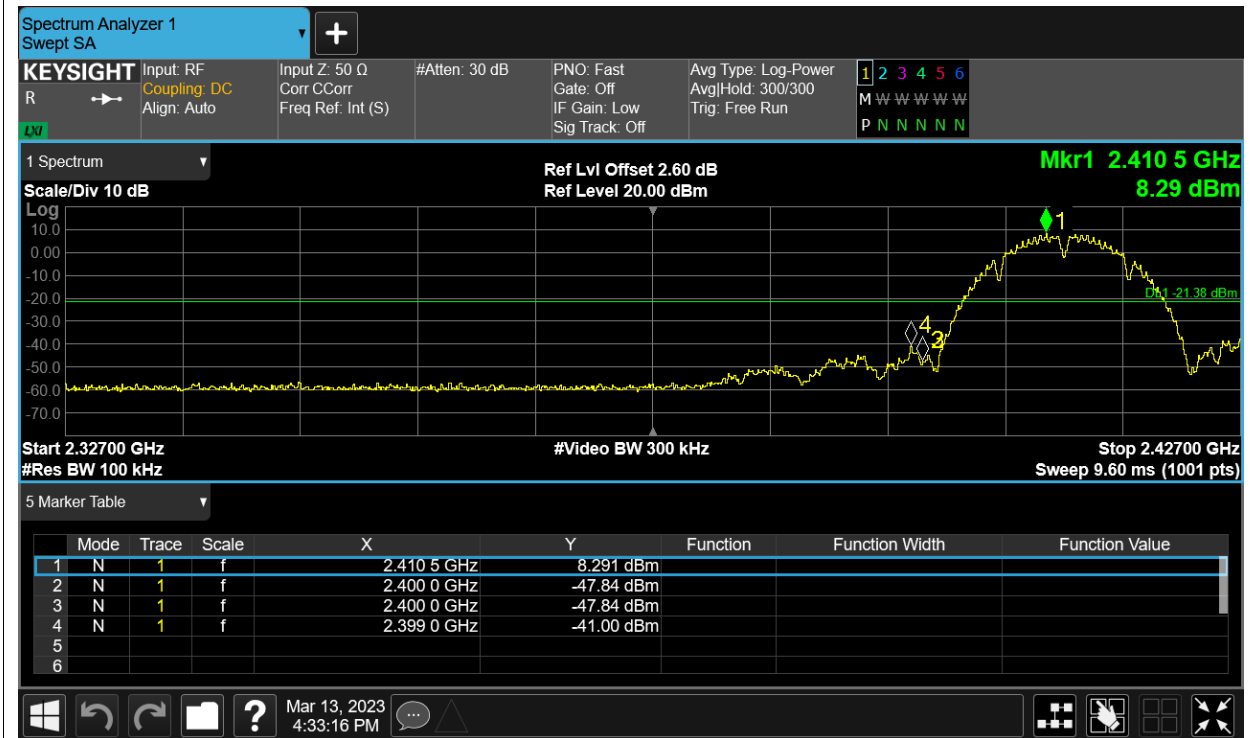
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant5	-49.62	-30	Pass
NVNT	b	2462	Ant5	-58.65	-30	Pass
NVNT	g	2412	Ant5	-32.08	-30	Pass
NVNT	g	2462	Ant5	-51.65	-30	Pass
NVNT	n20	2412	Ant5	-31.21	-30	Pass
NVNT	n20	2462	Ant5	-49.56	-30	Pass
NVNT	n40	2422	Ant5	-30.83	-30	Pass
NVNT	n40	2452	Ant5	-40.8	-30	Pass

Test Graphs

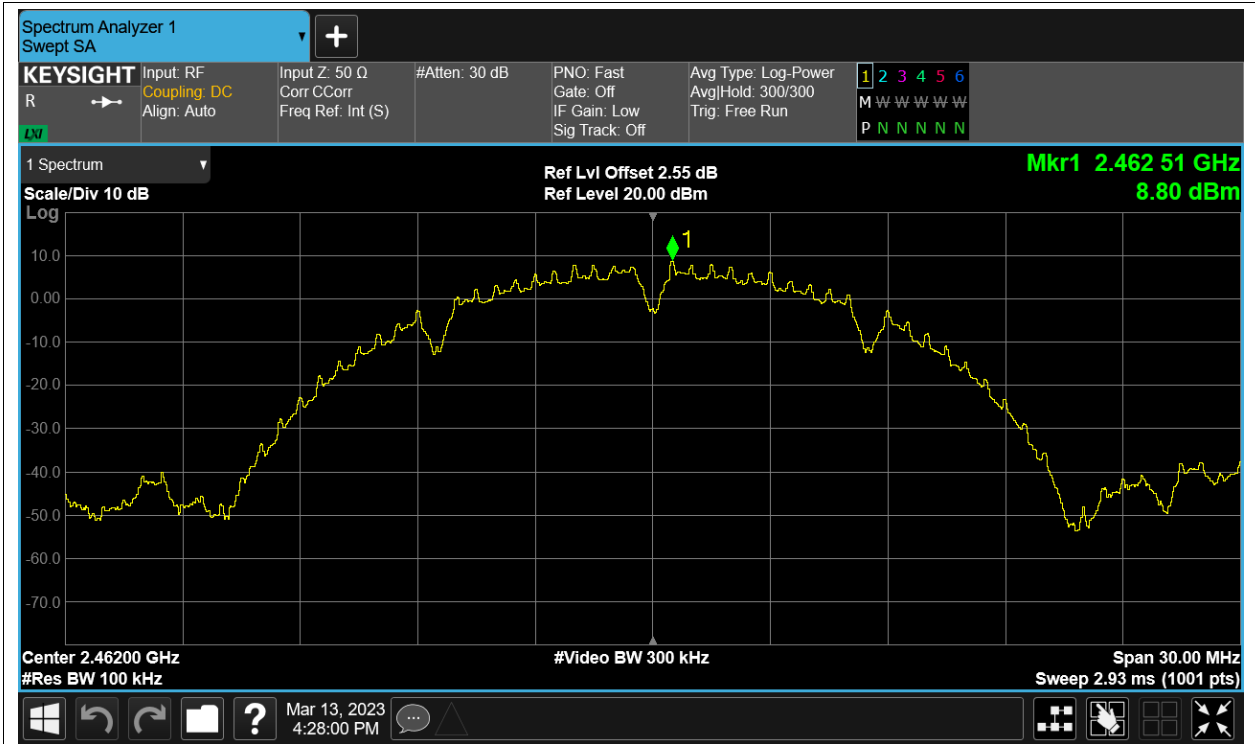
Band Edge NVNT b 2412MHz Ant5 Ref



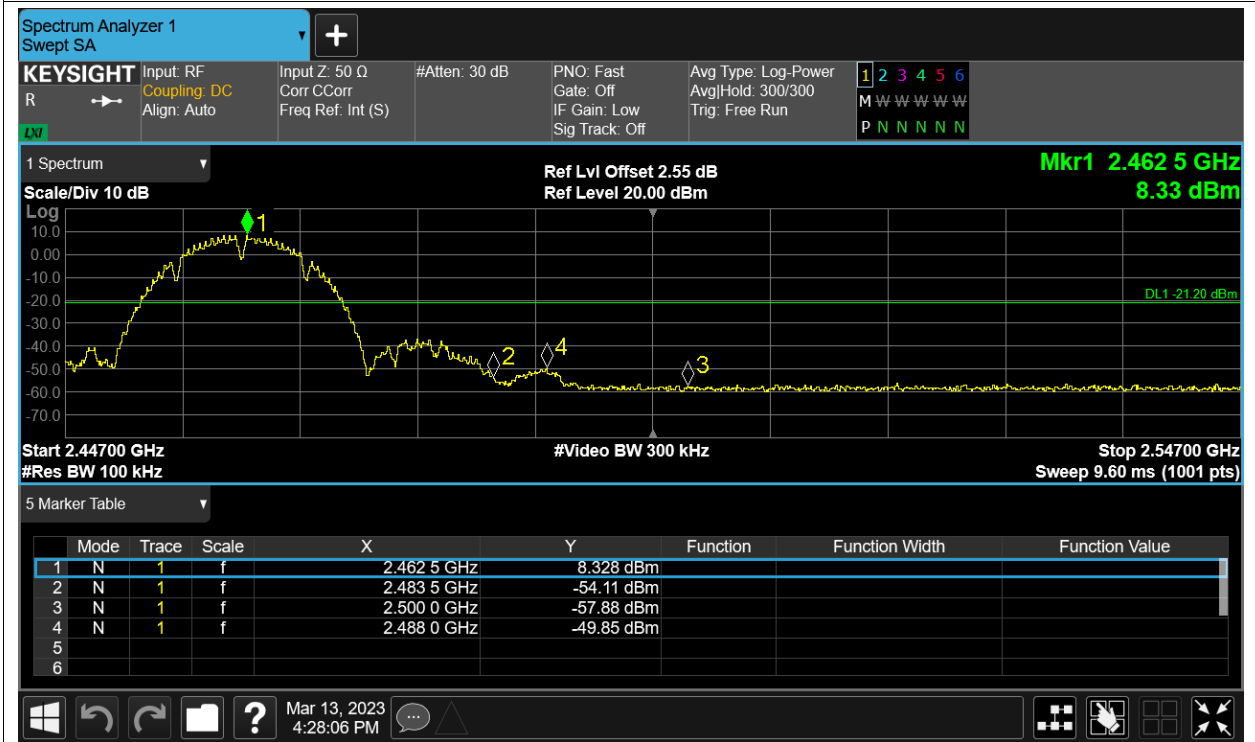
Band Edge NVNT b 2412MHz Ant5 Emission



Band Edge NVNT b 2462MHz Ant5 Ref

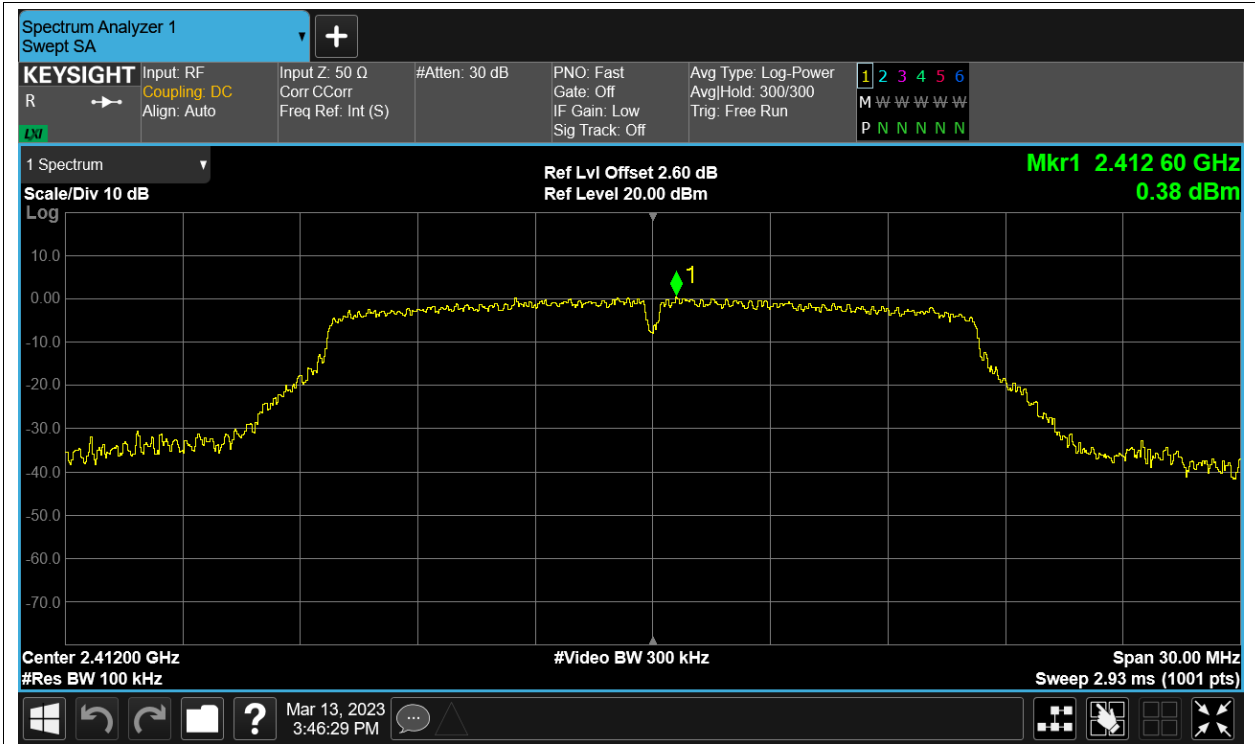


Band Edge NVNT b 2462MHz Ant5 Emission

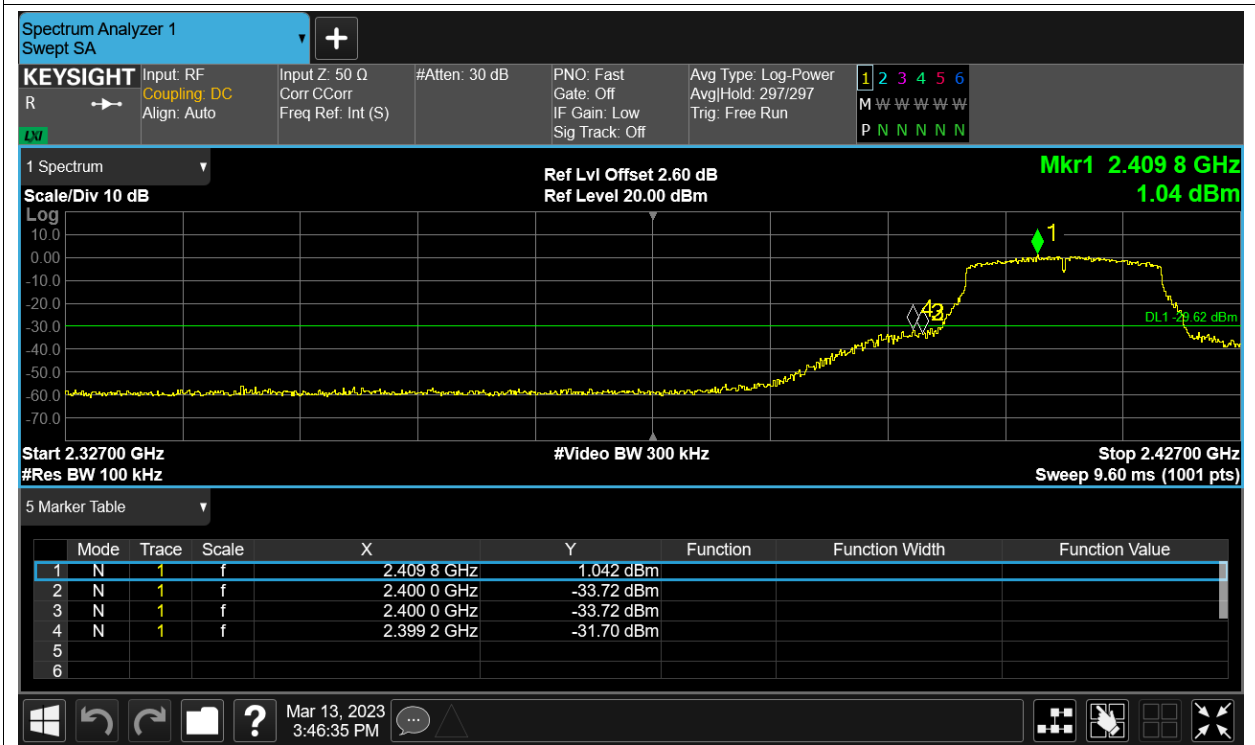


Band Edge NVNT g 2412MHz Ant5 Ref

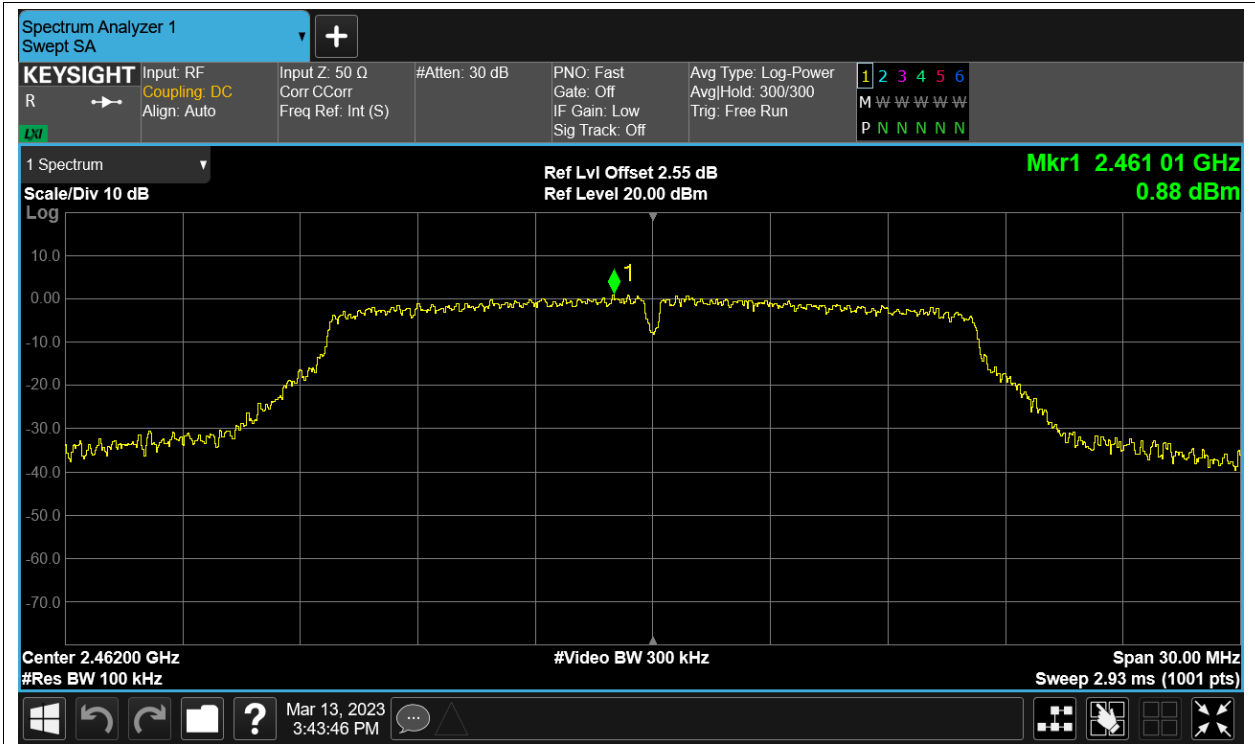




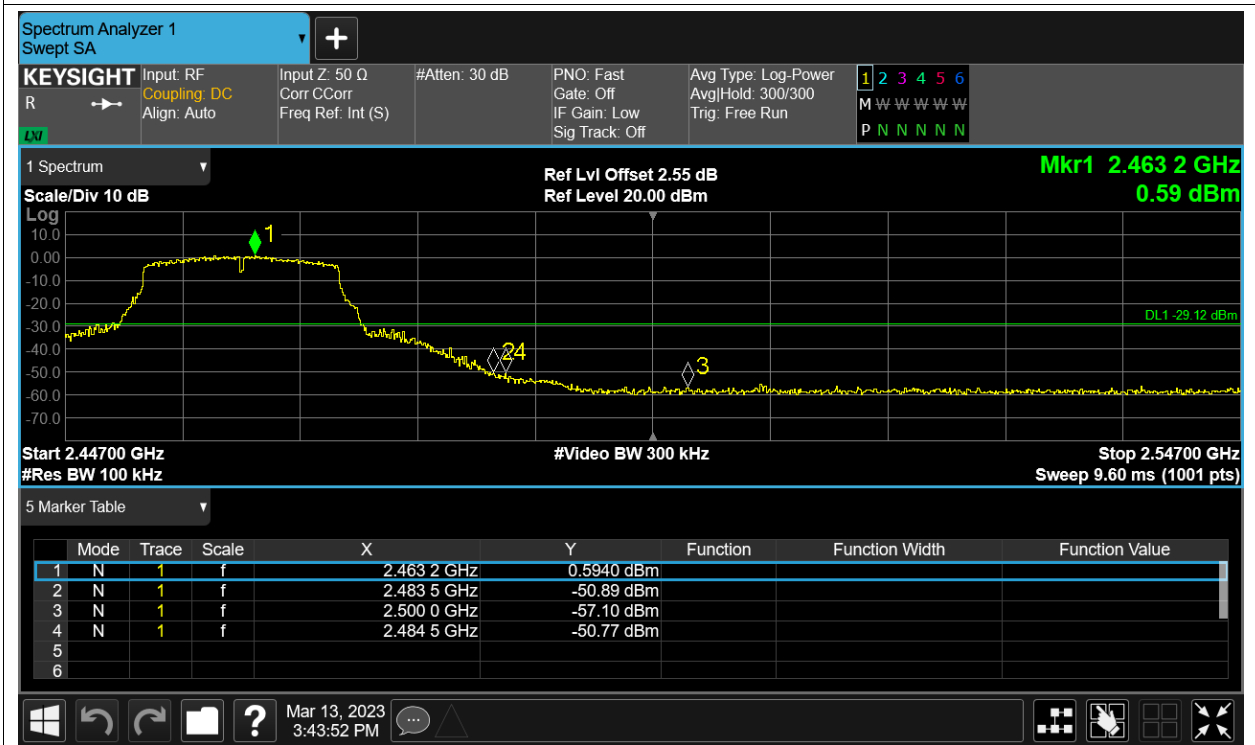
Band Edge NVNT g 2412MHz Ant5 Emission



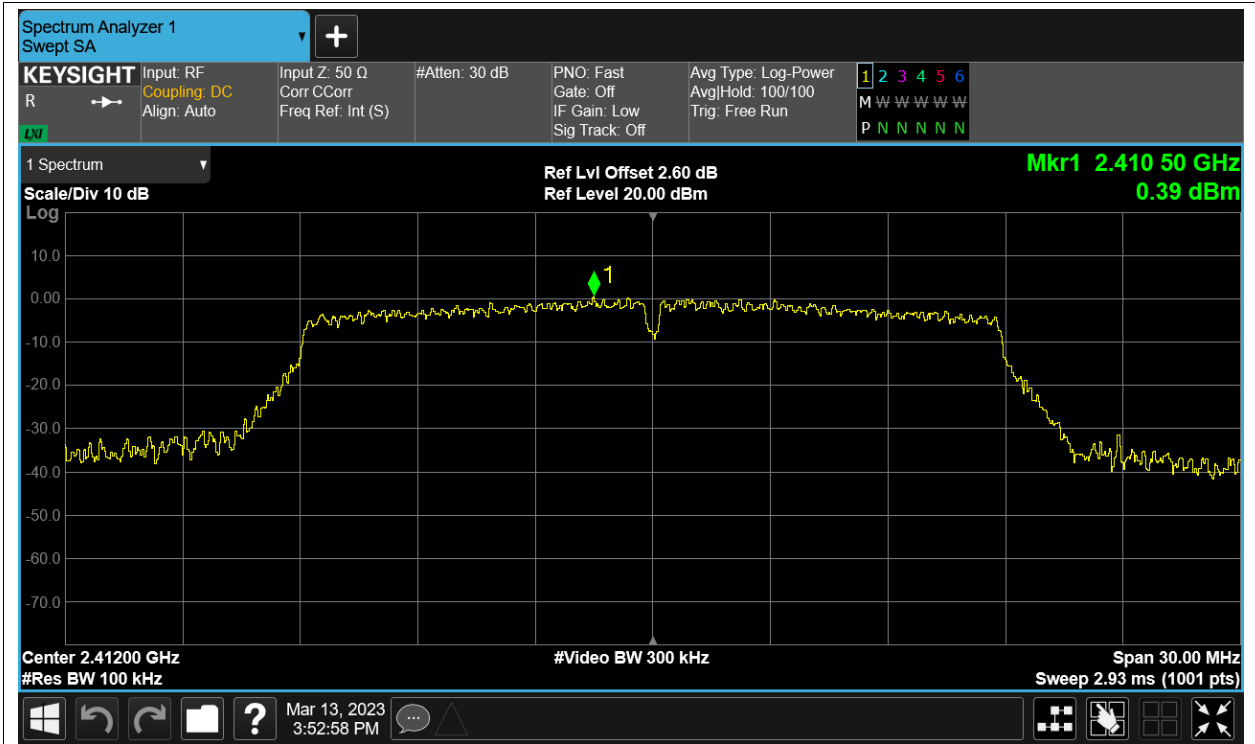
Band Edge NVNT g 2462MHz Ant5 Ref



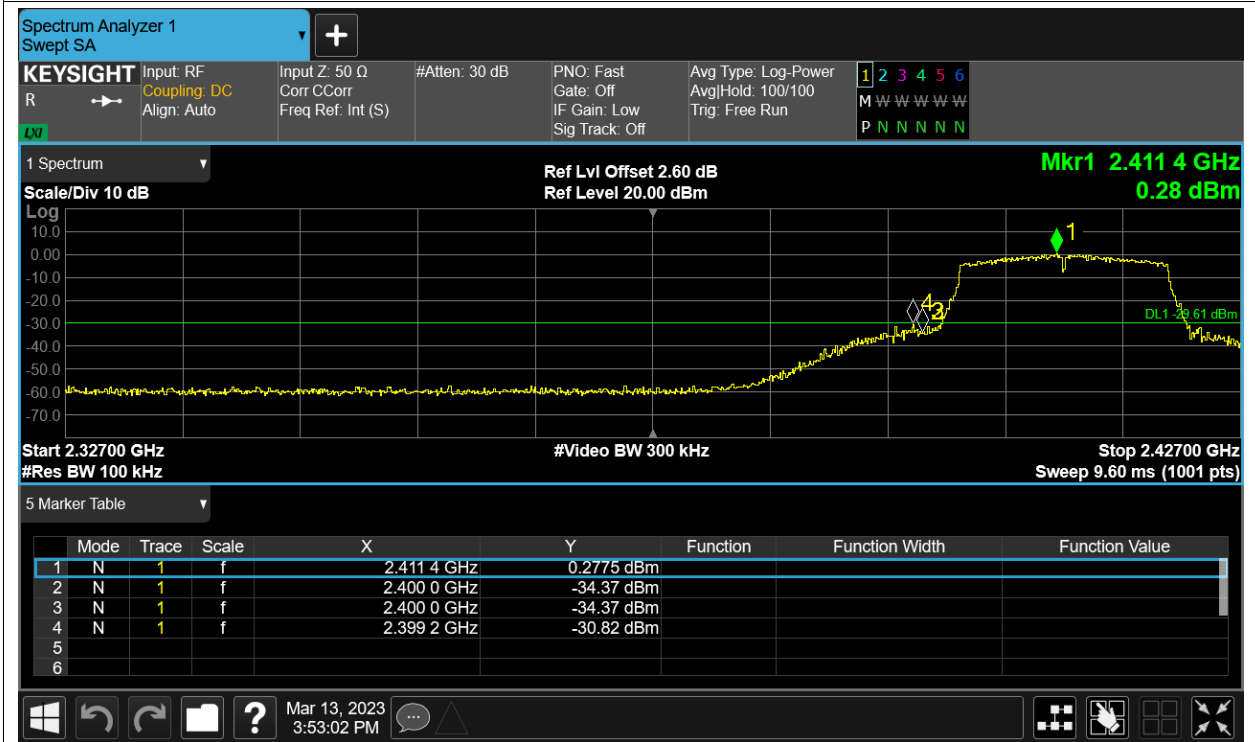
Band Edge NVNT g 2462MHz Ant5 Emission



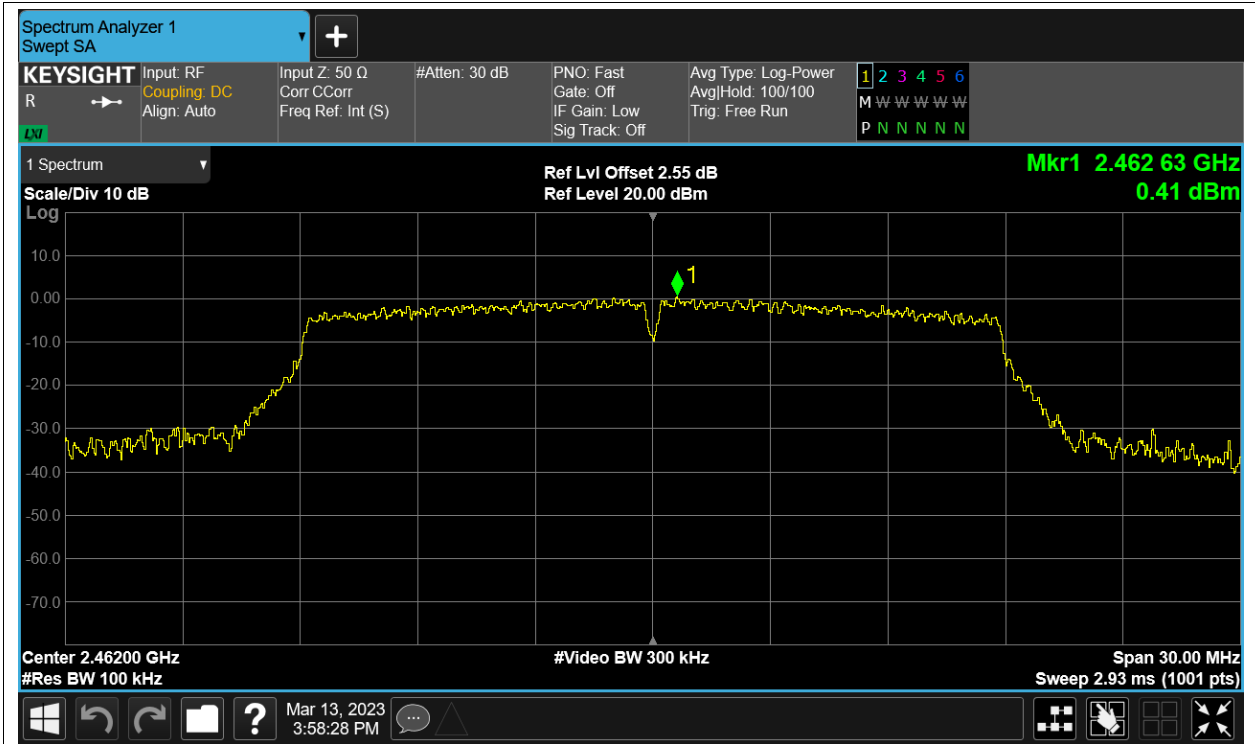
Band Edge NVNT n20 2412MHz Ant5 Ref



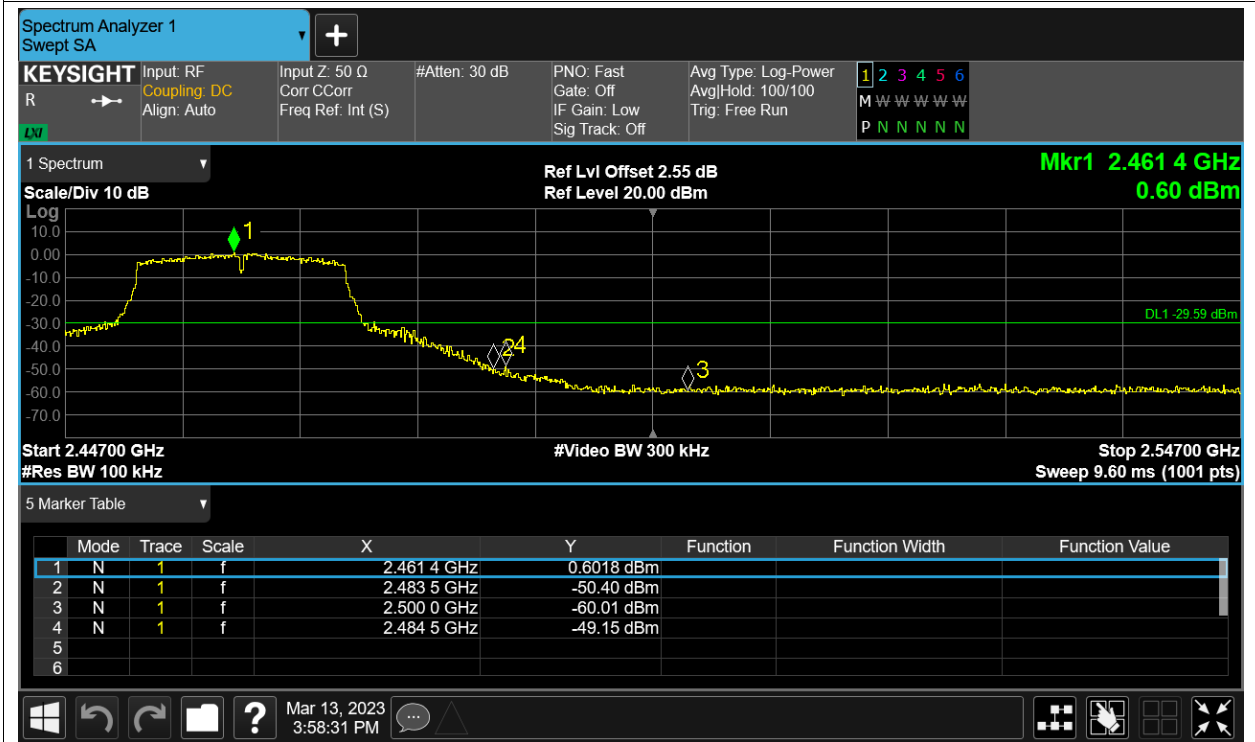
Band Edge NVNT n20 2412MHz Ant5 Emission



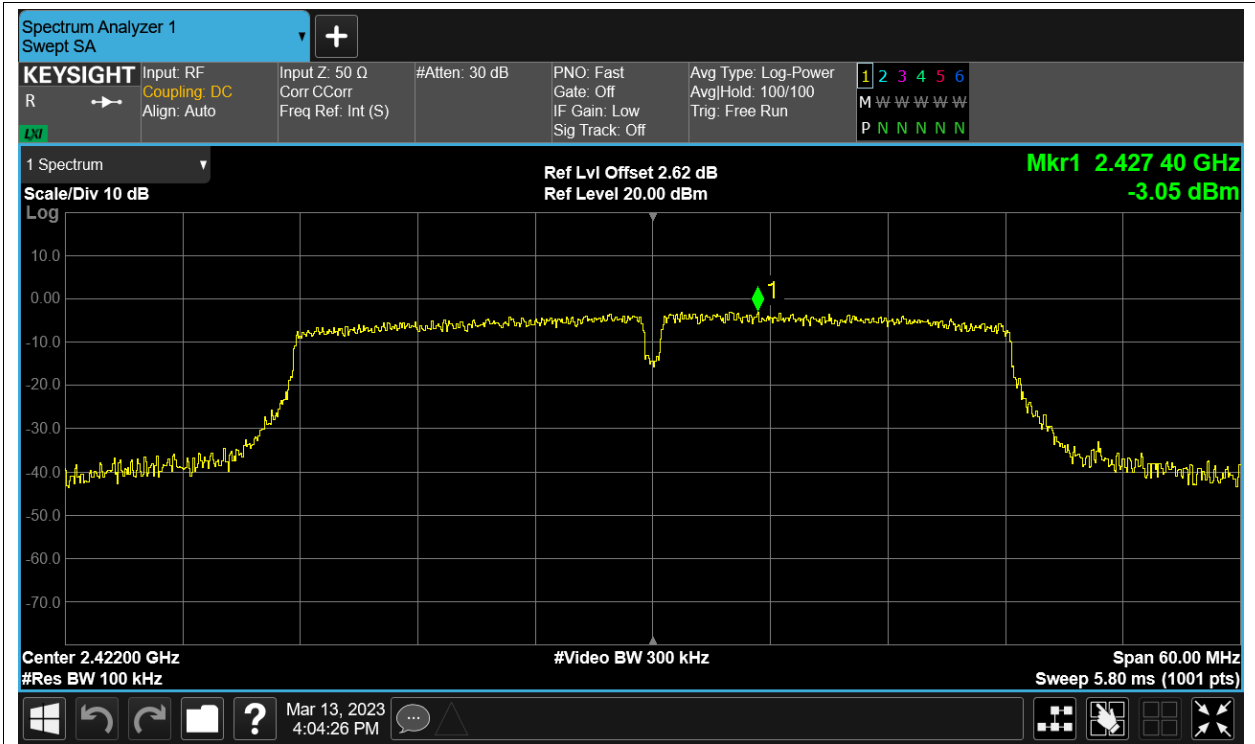
Band Edge NVNT n20 2462MHz Ant5 Ref



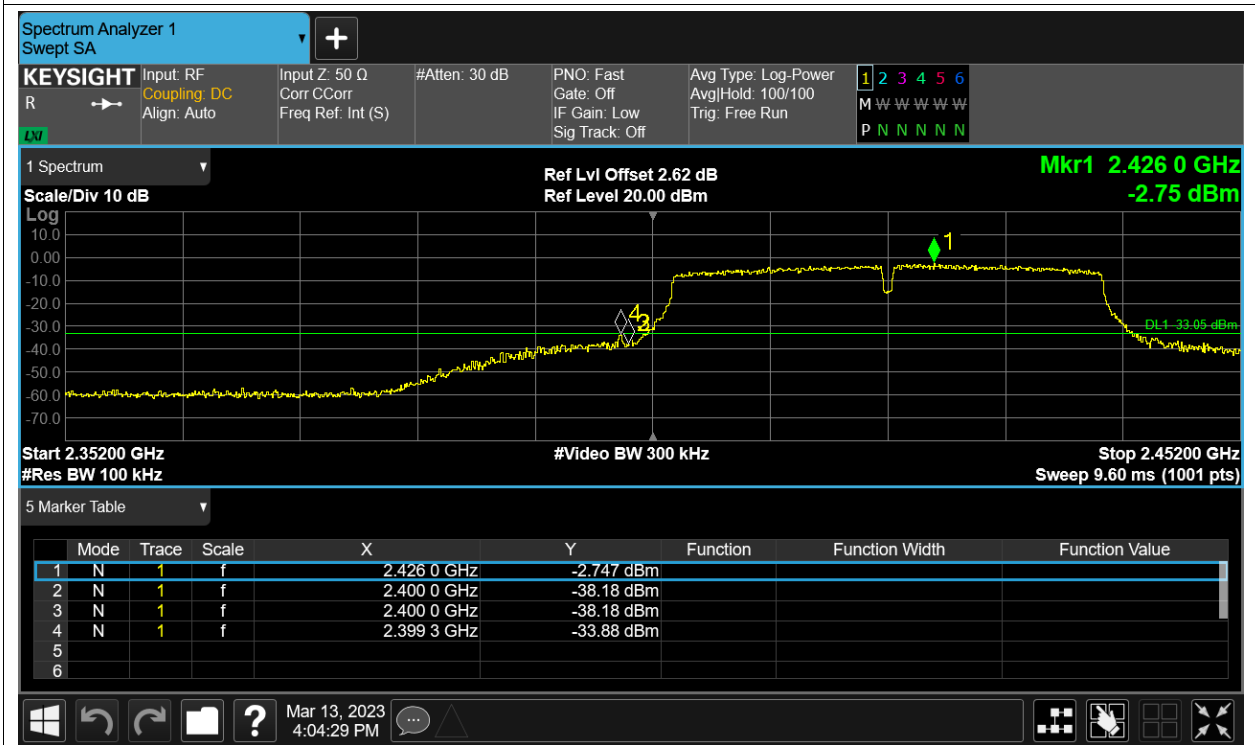
Band Edge NVNT n20 2462MHz Ant5 Emission



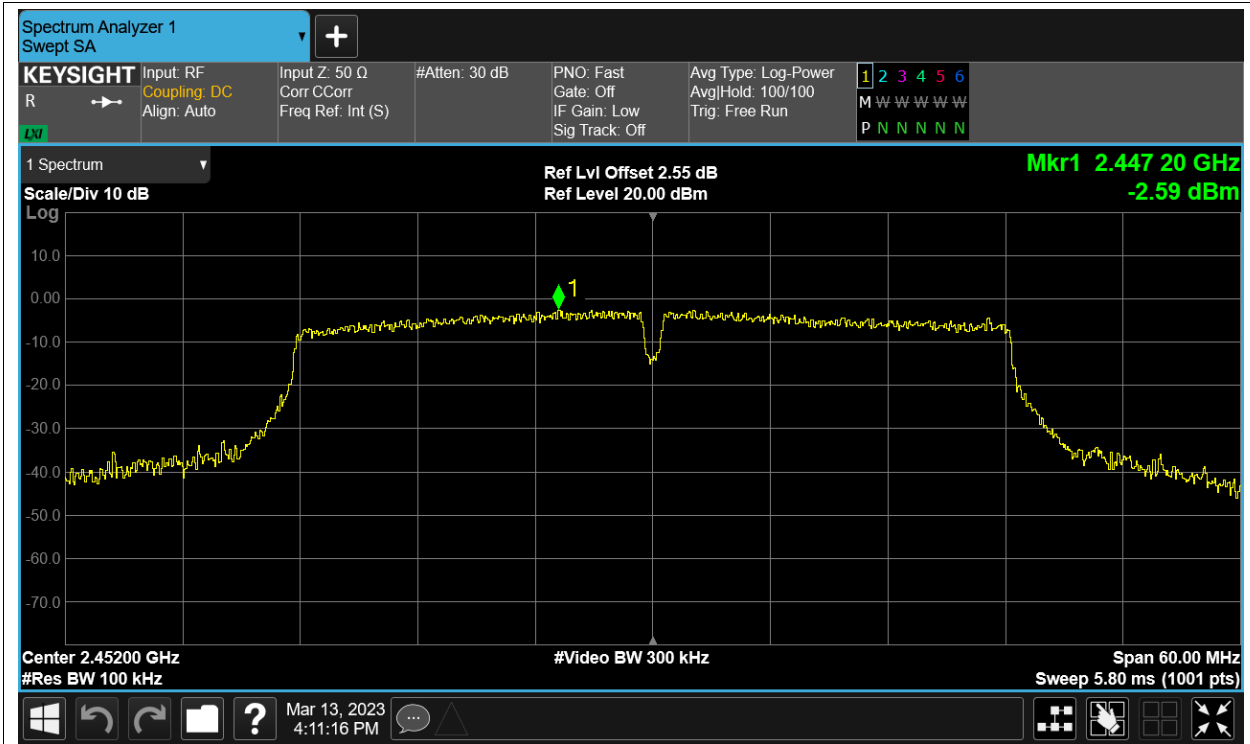
Band Edge NVNT n40 2422MHz Ant5 Ref



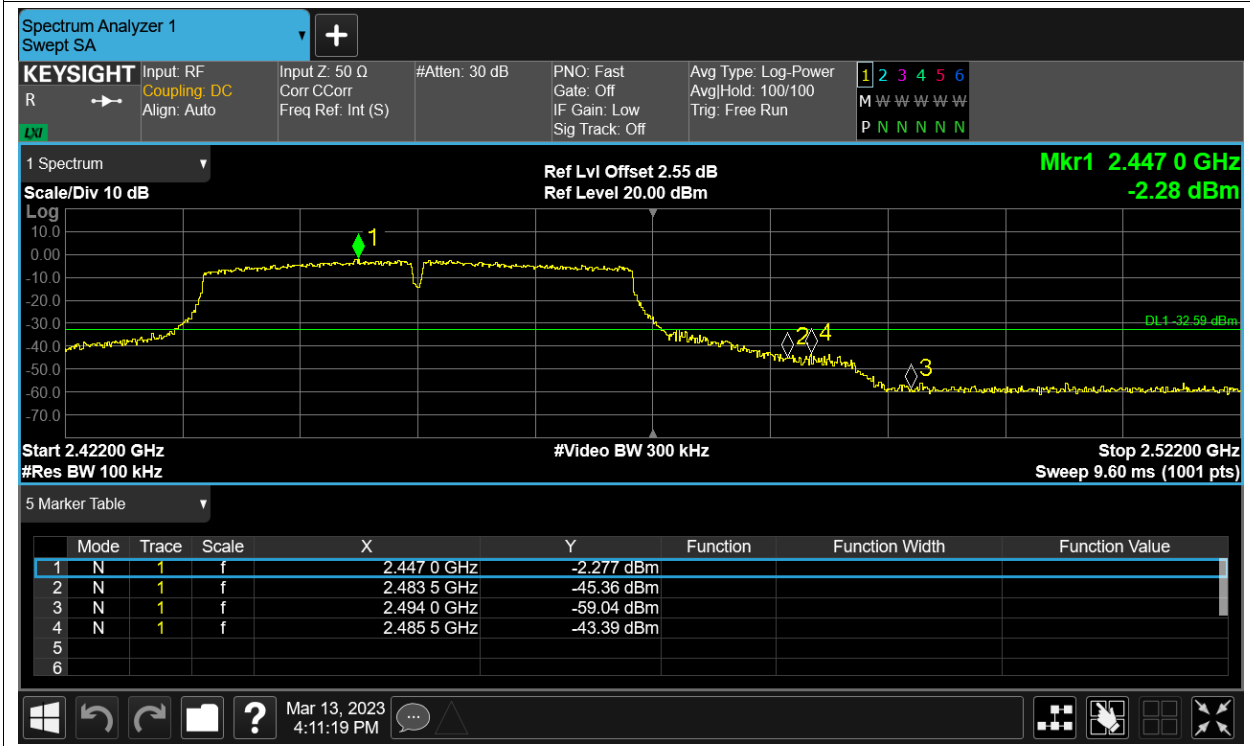
Band Edge NVNT n40 2422MHz Ant5 Emission



Band Edge NVNT n40 2452MHz Ant5 Ref



Band Edge NVNT n40 2452MHz Ant5 Emission

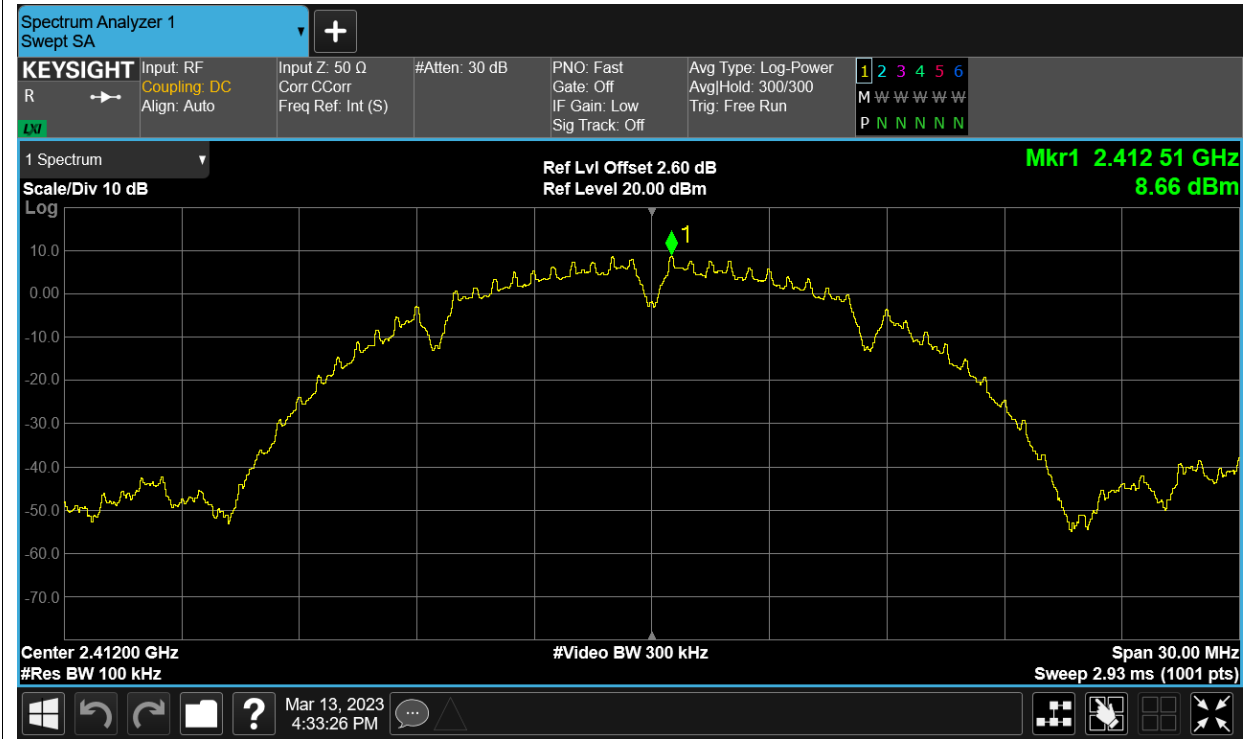


## Conducted RF Spurious Emission

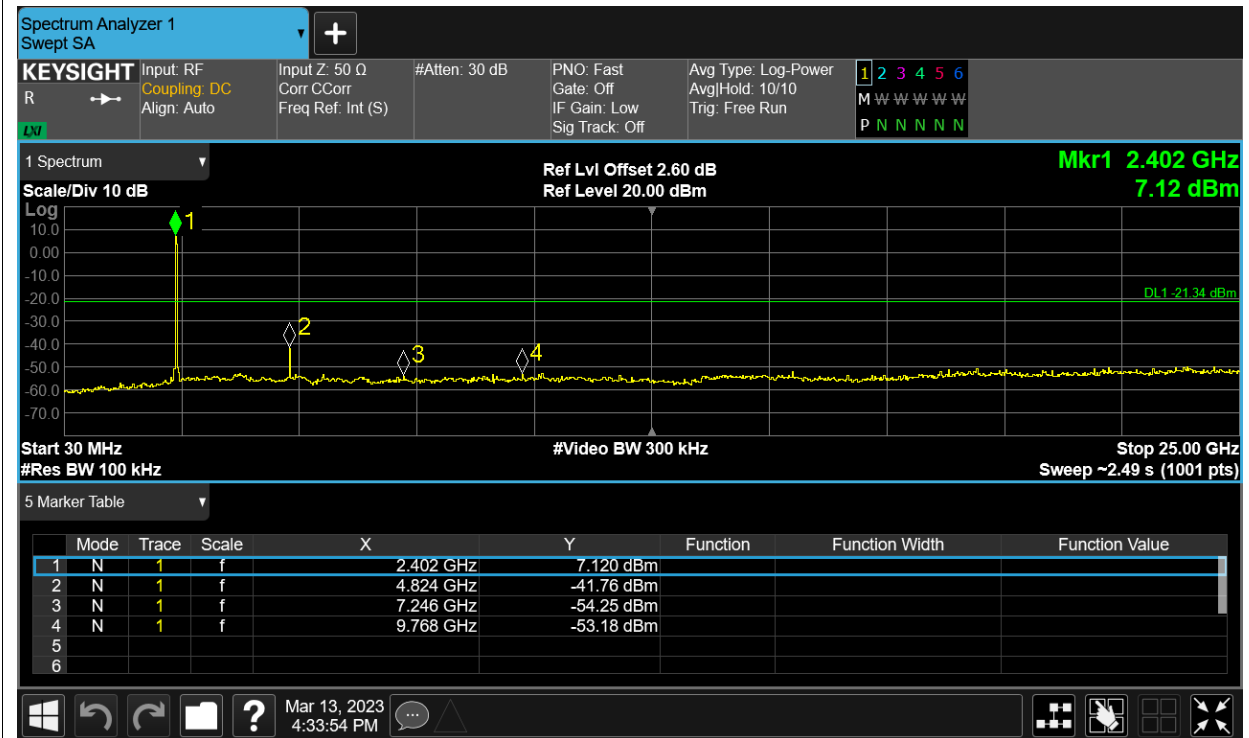
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant5	-50.42	-30	Pass
NVNT	b	2437	Ant5	-52.81	-30	Pass
NVNT	b	2462	Ant5	-51.69	-30	Pass
NVNT	g	2412	Ant5	-50.39	-30	Pass
NVNT	g	2437	Ant5	-51.16	-30	Pass
NVNT	g	2462	Ant5	-50.55	-30	Pass
NVNT	n20	2412	Ant5	-50.1	-30	Pass
NVNT	n20	2437	Ant5	-47.28	-30	Pass
NVNT	n20	2462	Ant5	-59.64	-30	Pass
NVNT	n40	2422	Ant5	-47.45	-30	Pass
NVNT	n40	2437	Ant5	-47.03	-30	Pass
NVNT	n40	2452	Ant5	-47.37	-30	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant5 Ref

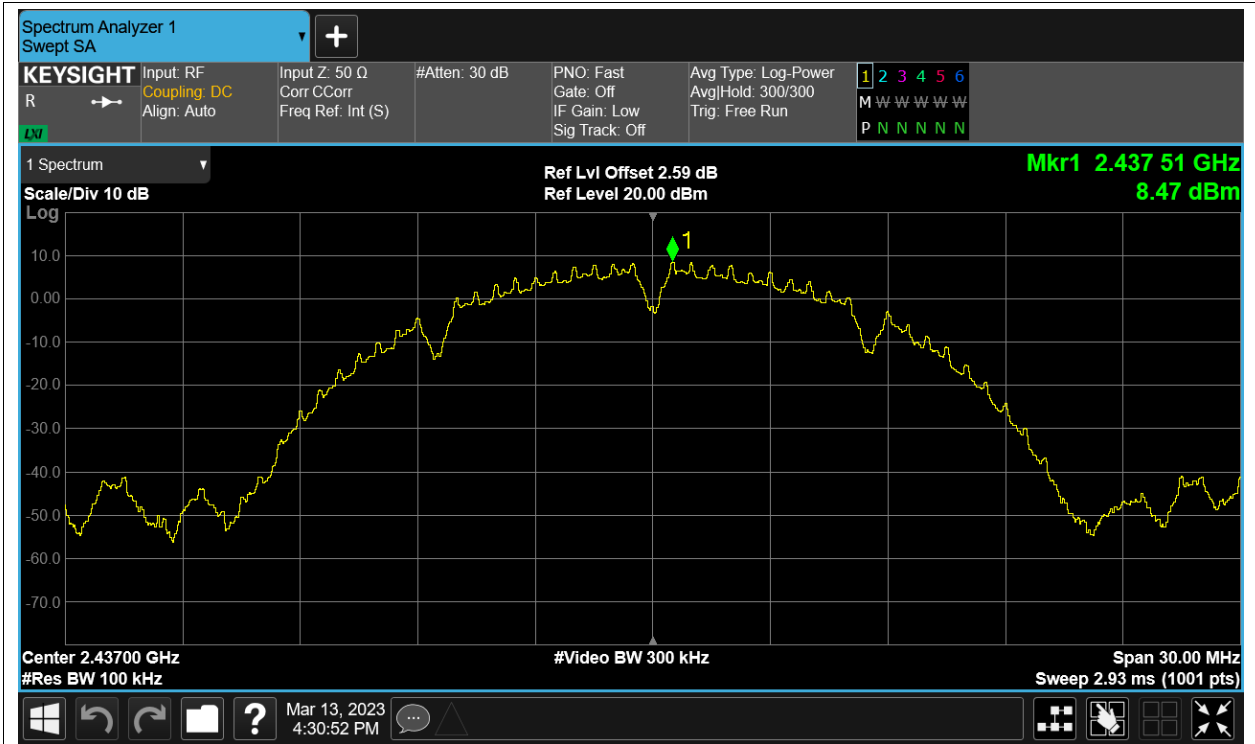


Tx. Spurious NVNT b 2412MHz Ant5 Emission

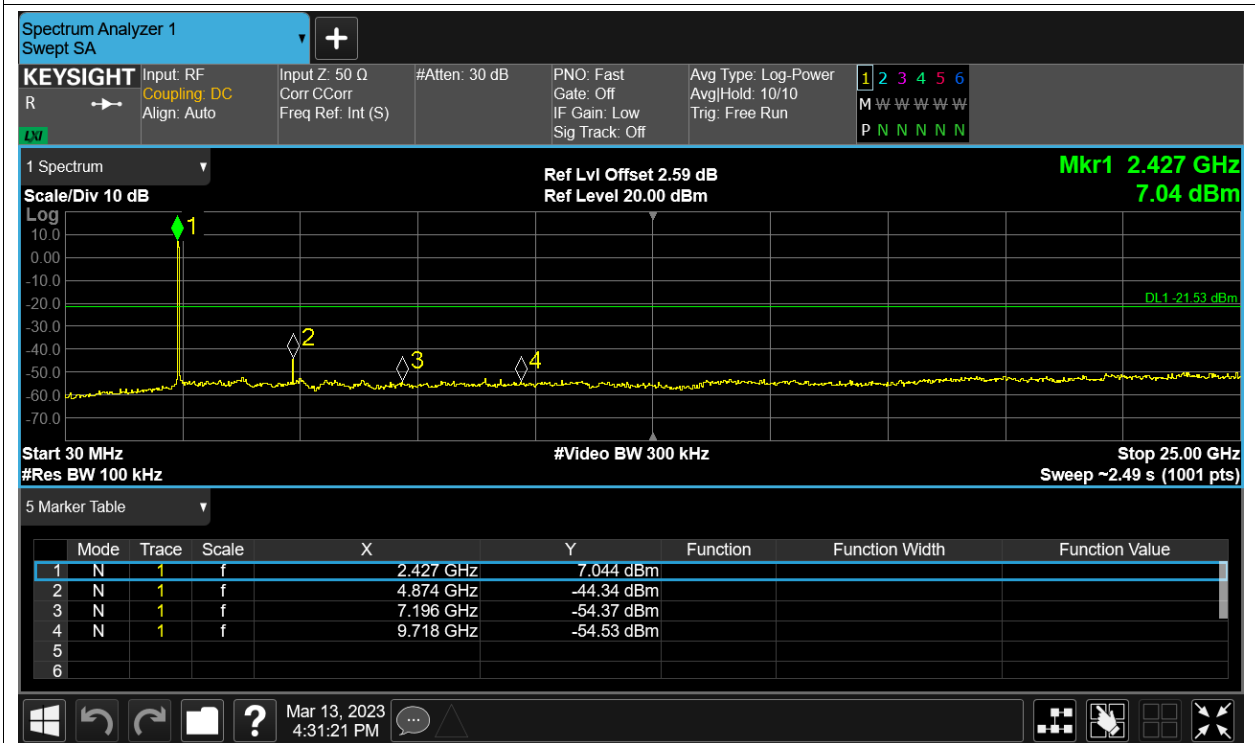


Tx. Spurious NVNT b 2437MHz Ant5 Ref

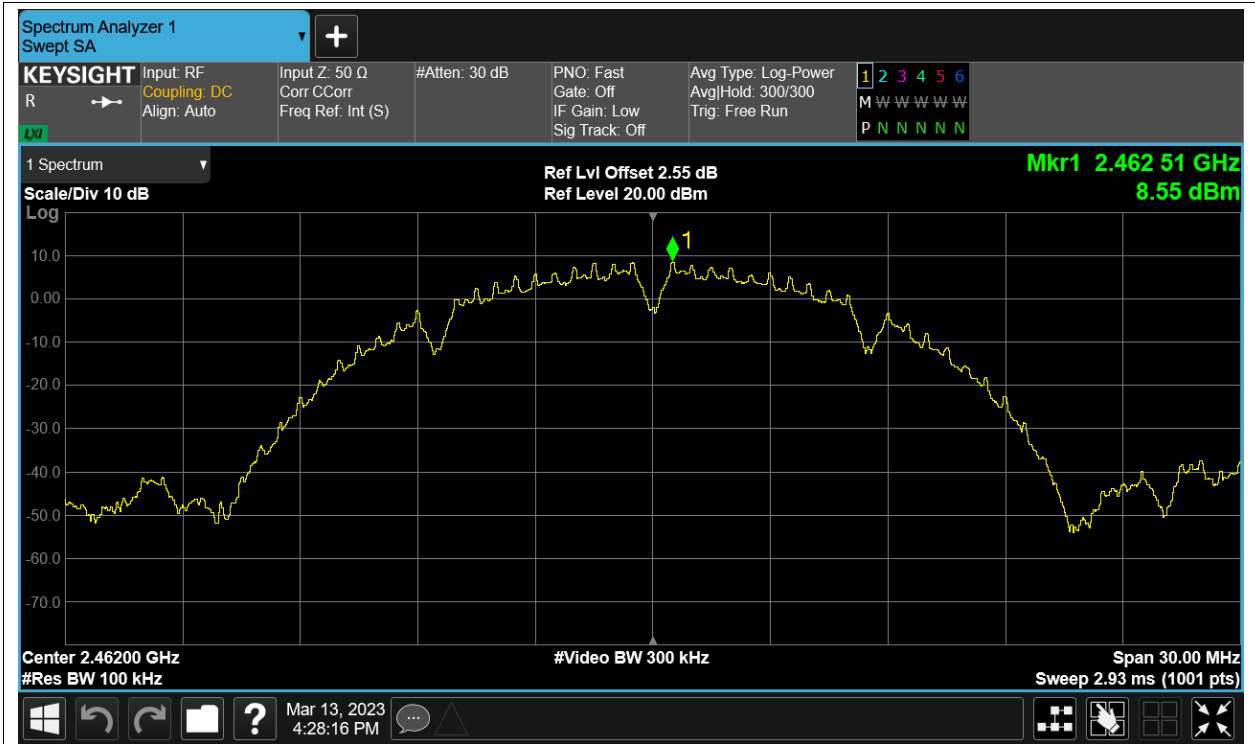




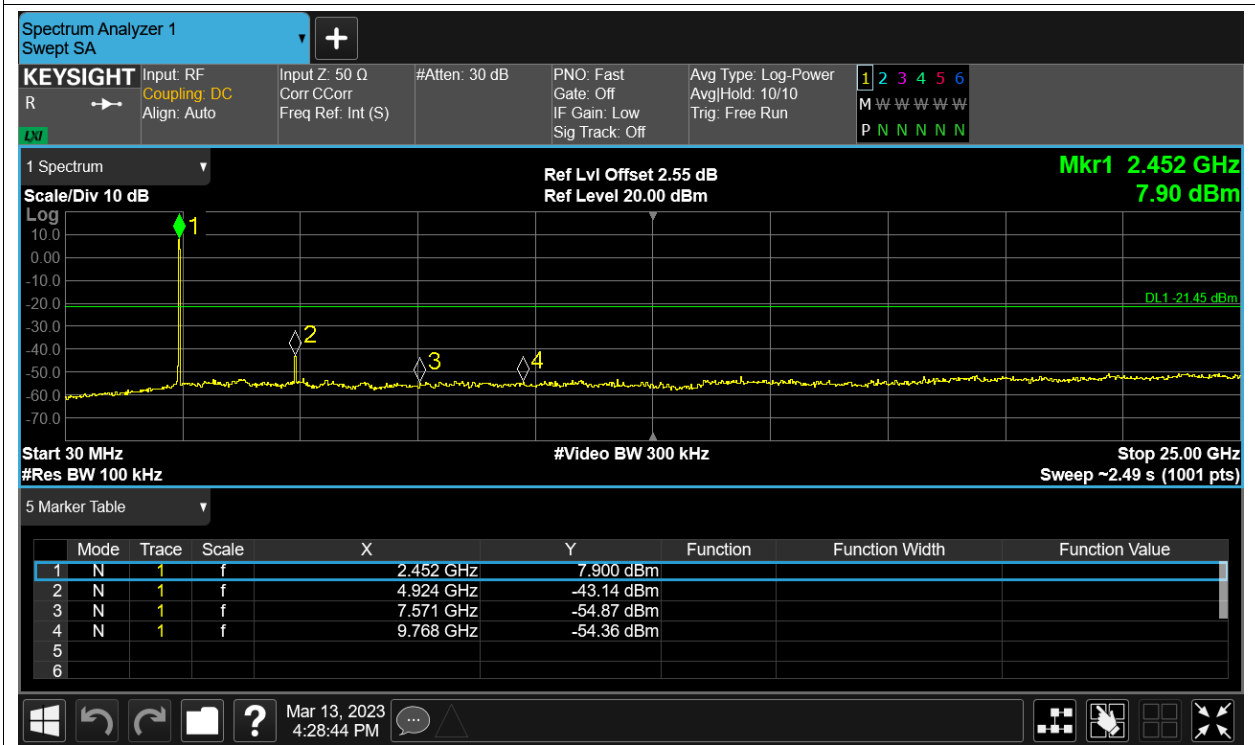
Tx. Spurious NVNT b 2437MHz Ant5 Emission



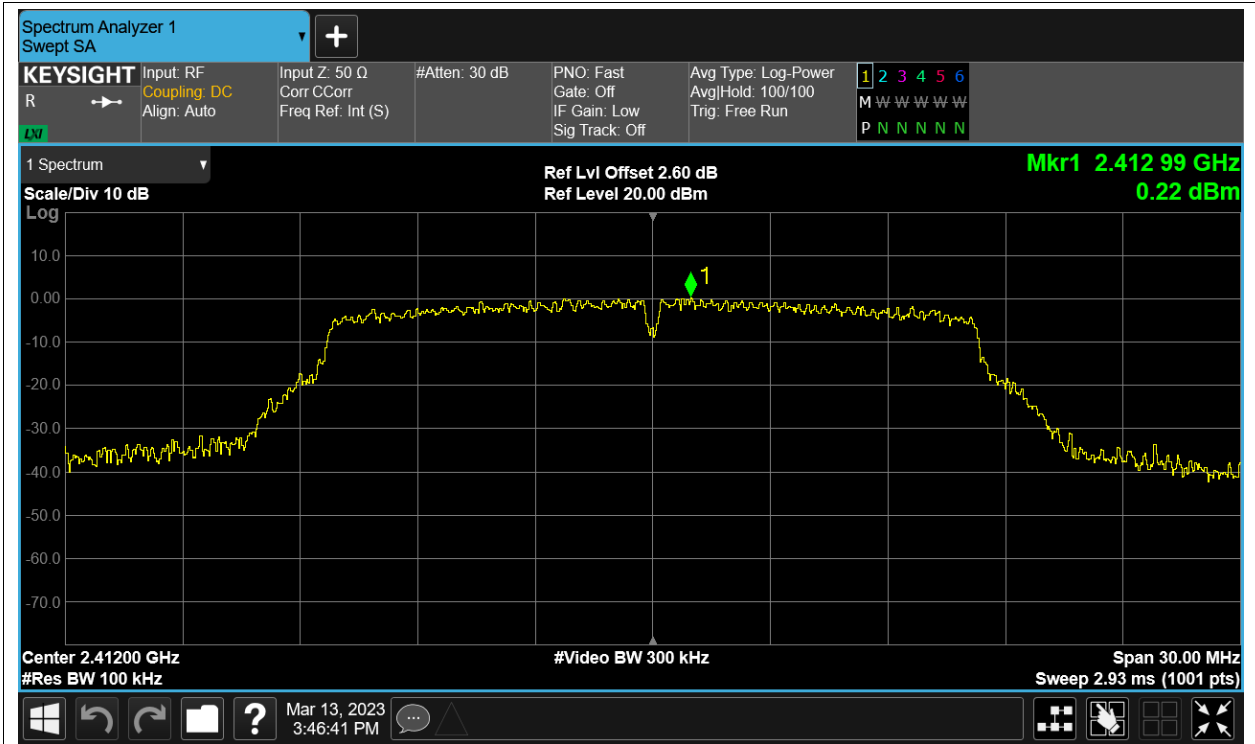
Tx. Spurious NVNT b 2462MHz Ant5 Ref



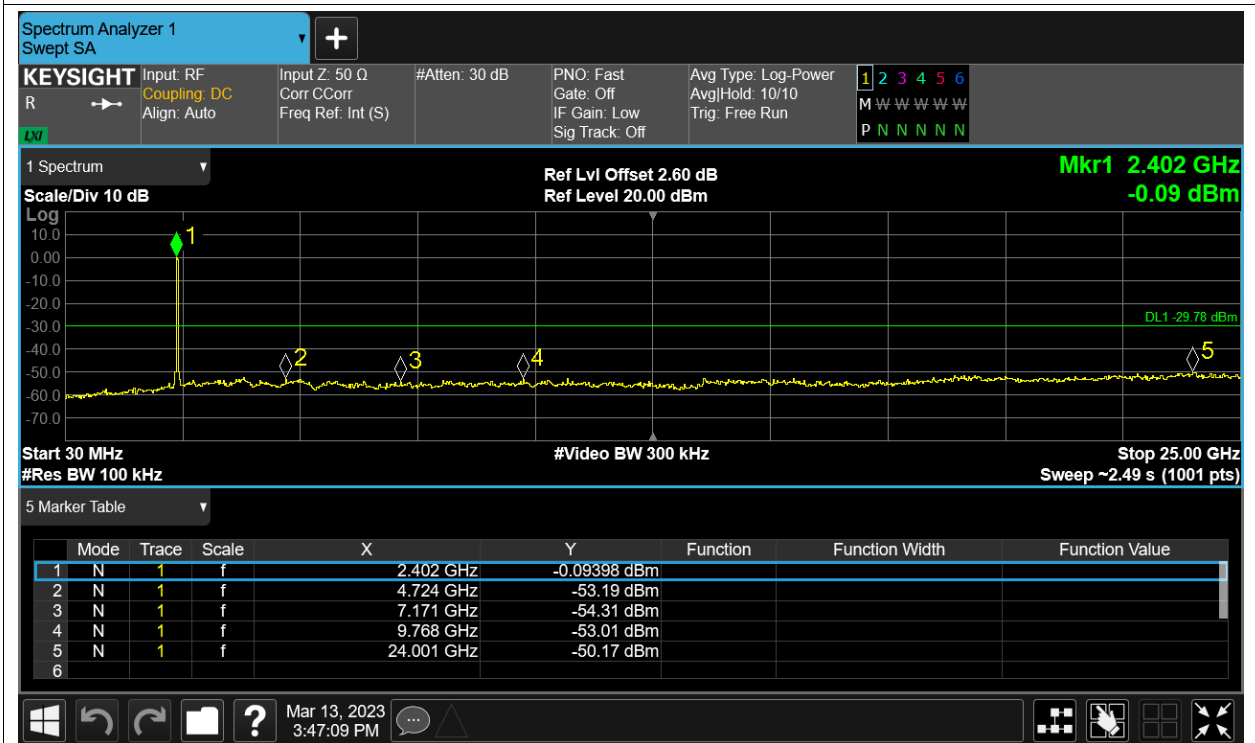
Tx. Spurious NVNT b 2462MHz Ant5 Emission



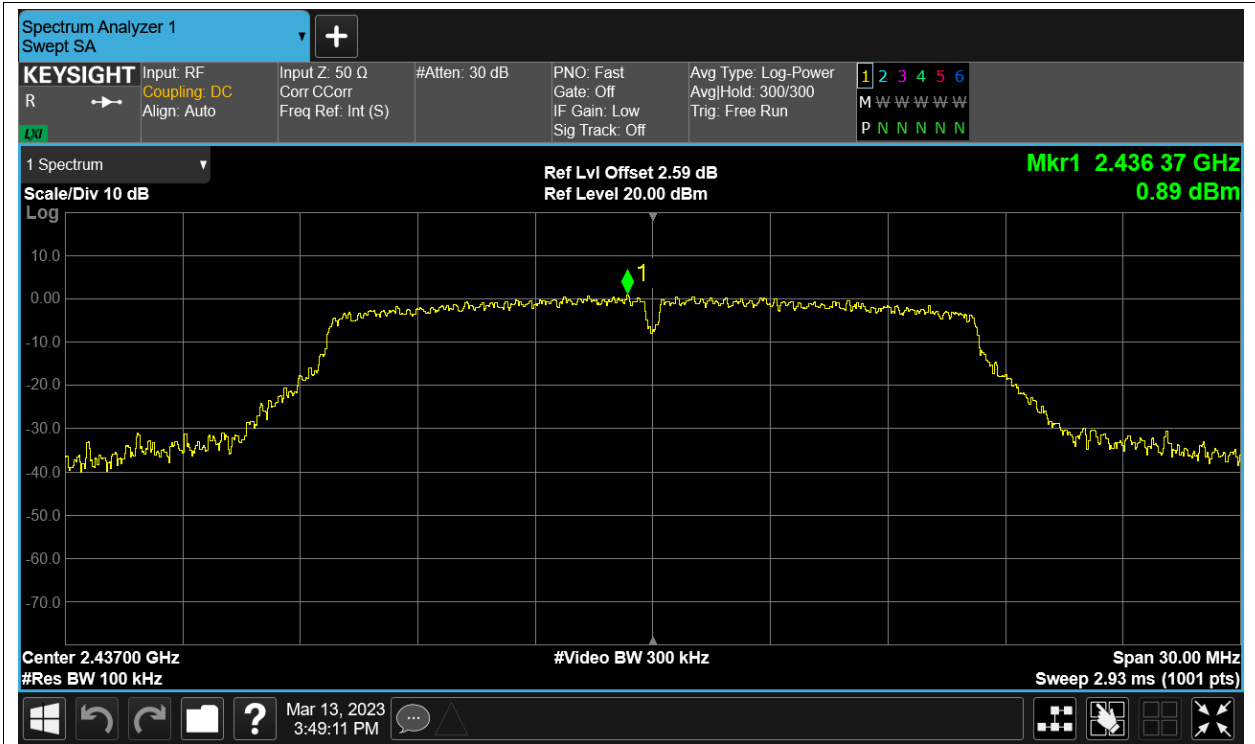
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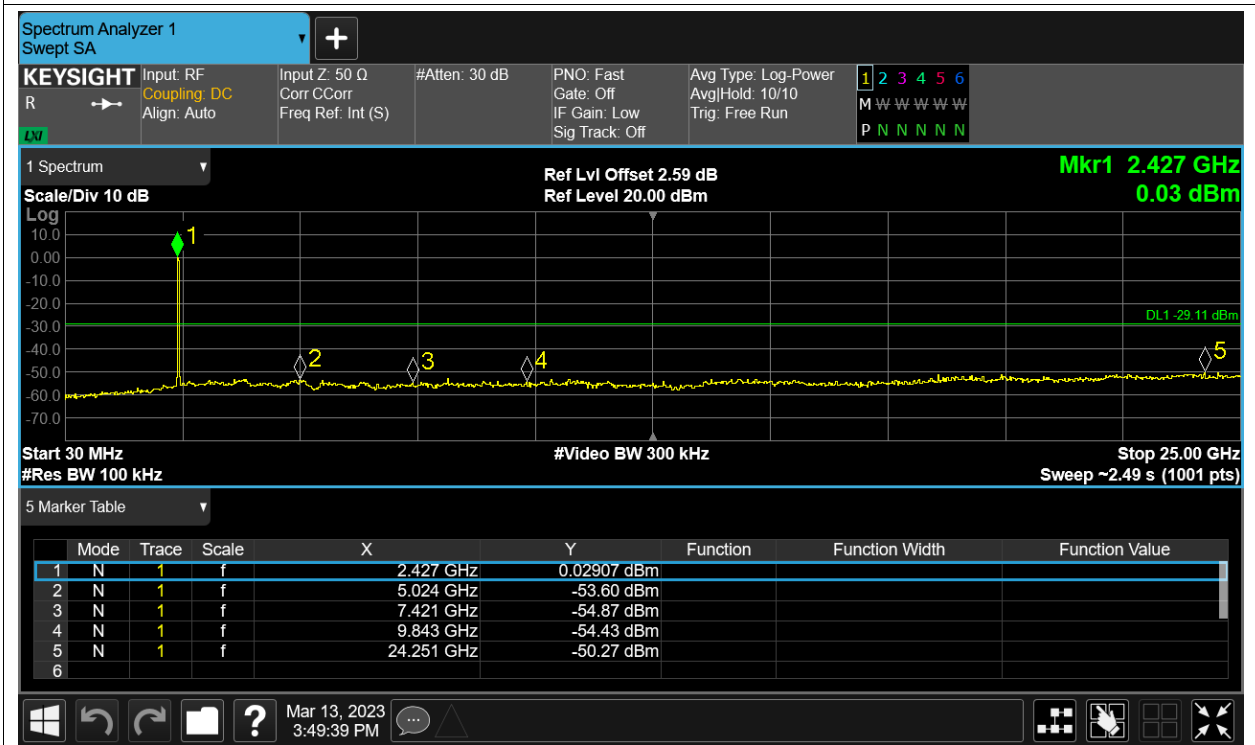
Tx. Spurious NVNT g 2412MHz Ant5 Emission



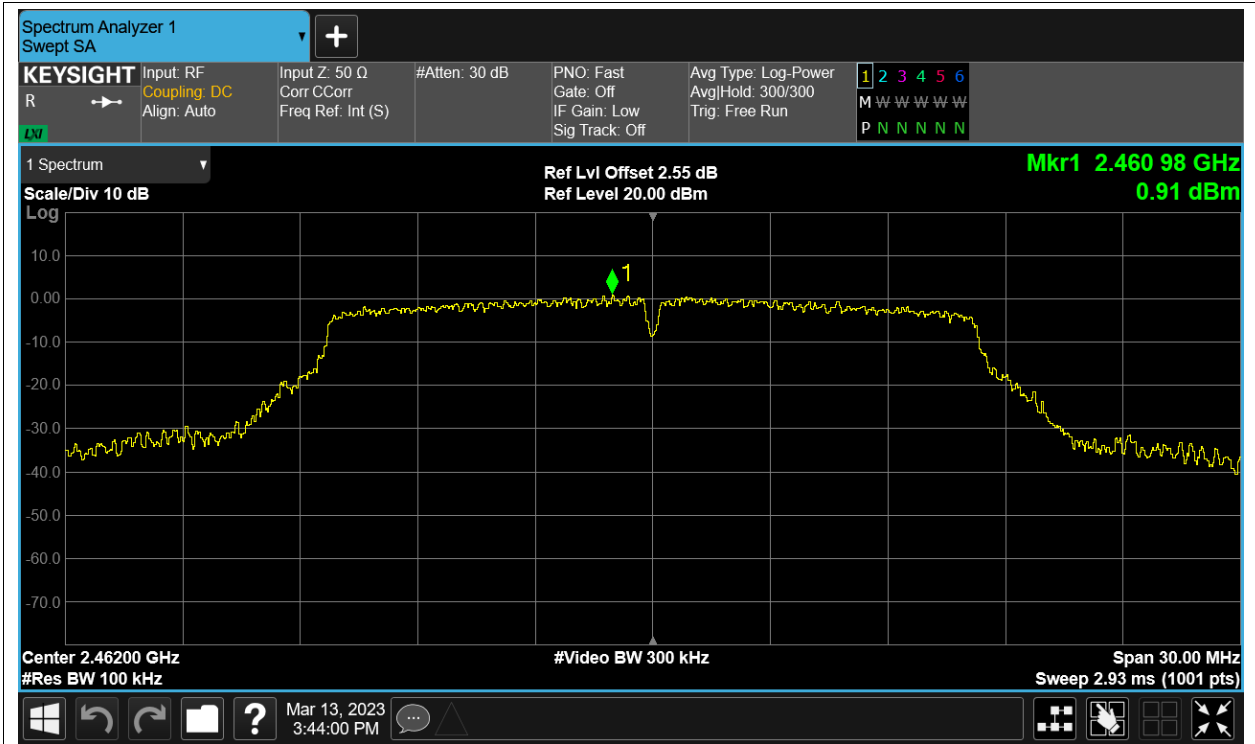
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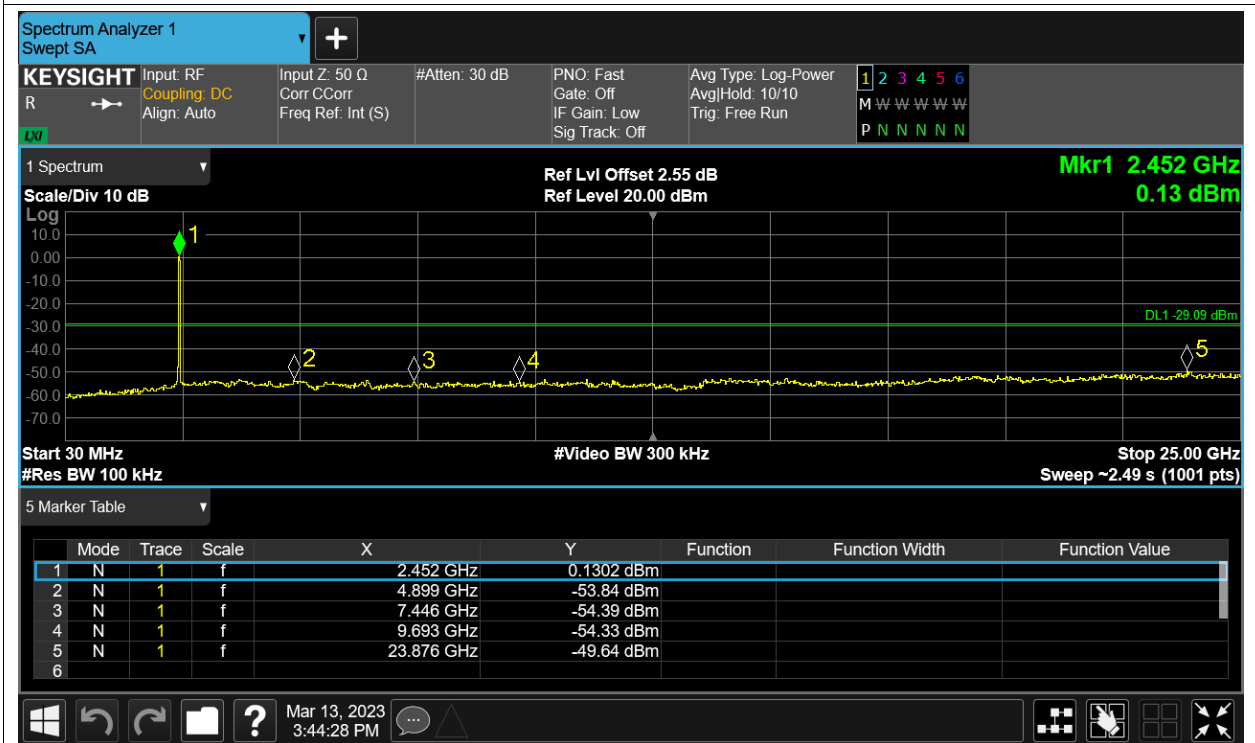
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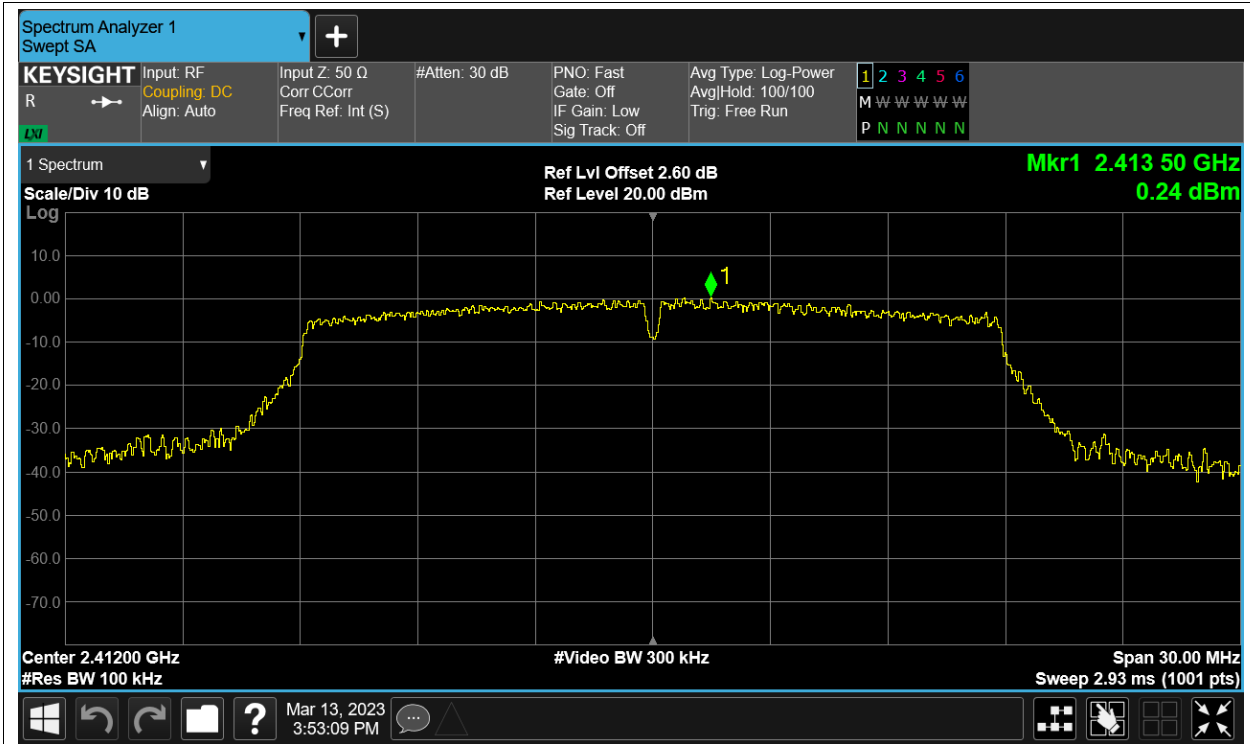
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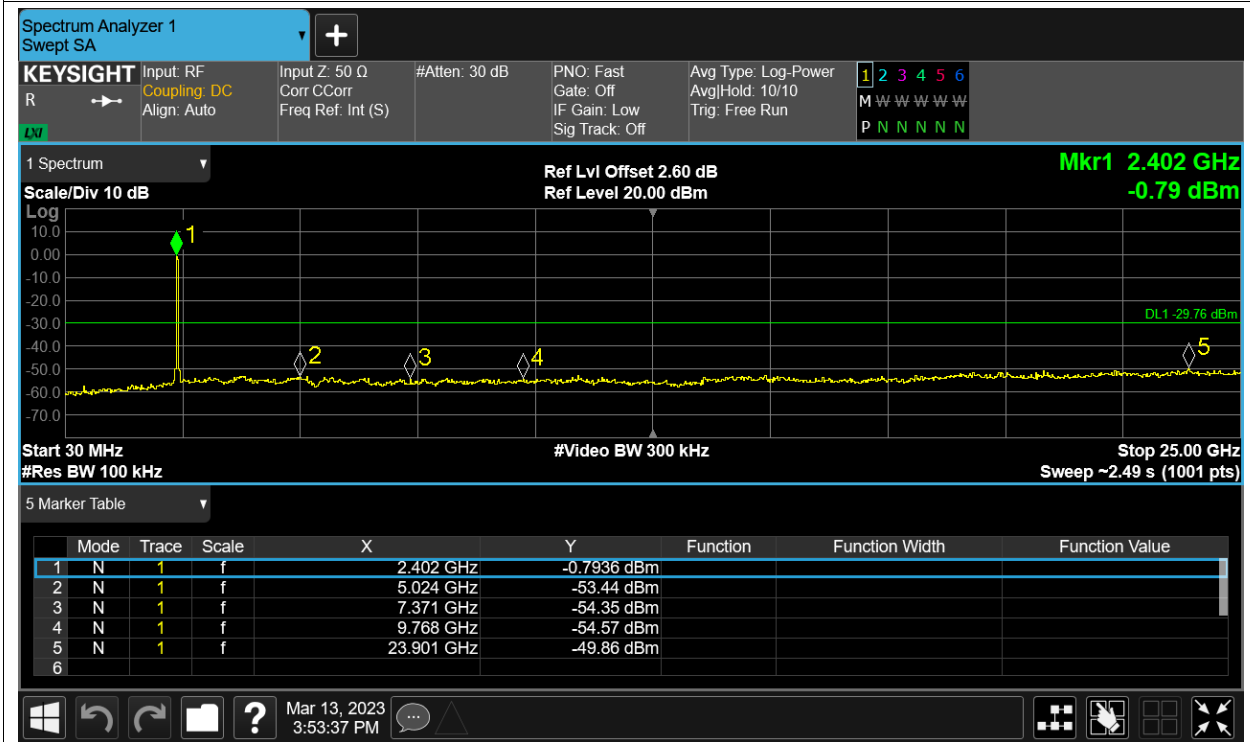
Tx. Spurious NVNT g 2462MHz Ant5 Emission



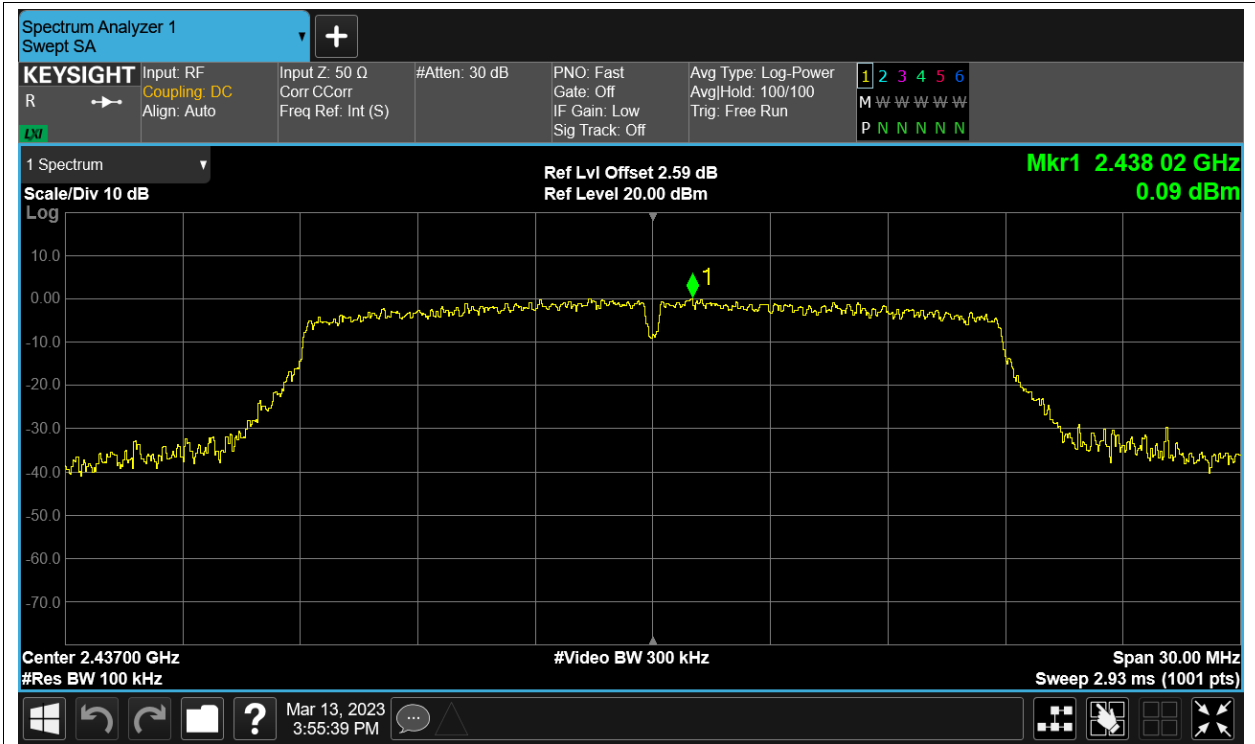
Tx. Spurious NVNT n20 2412MHz Ant5 Ref



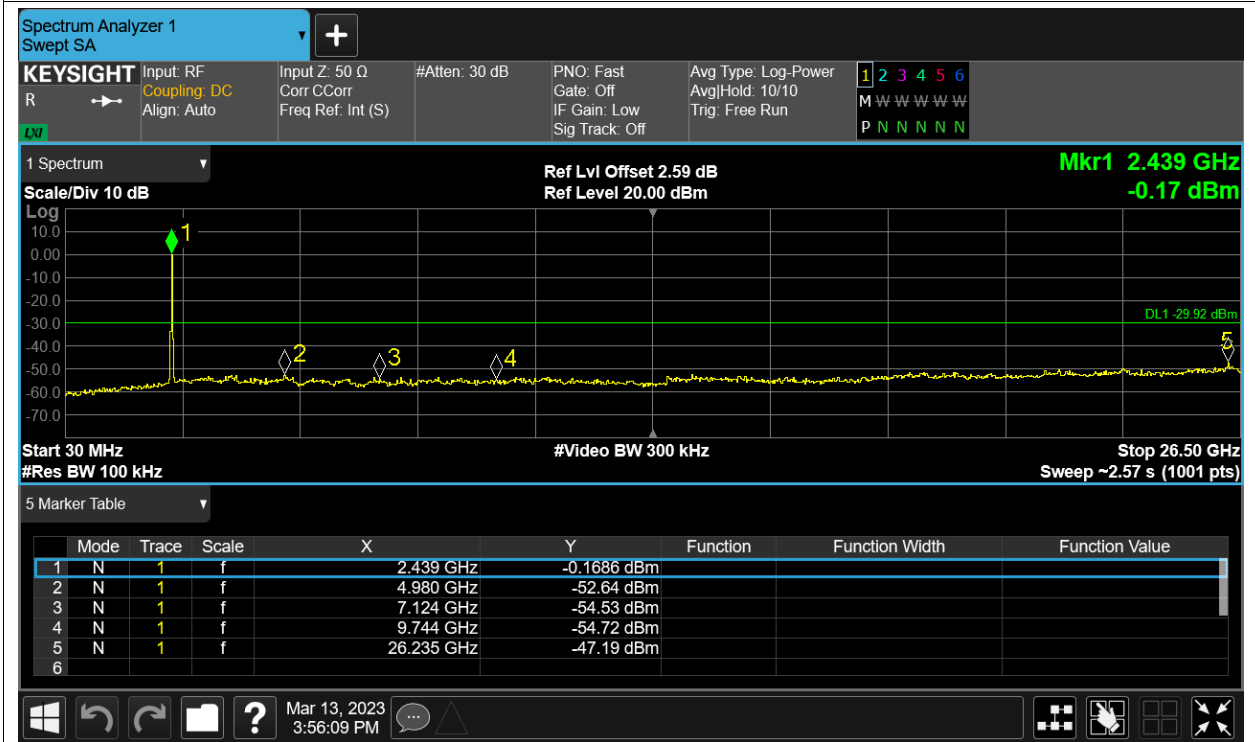
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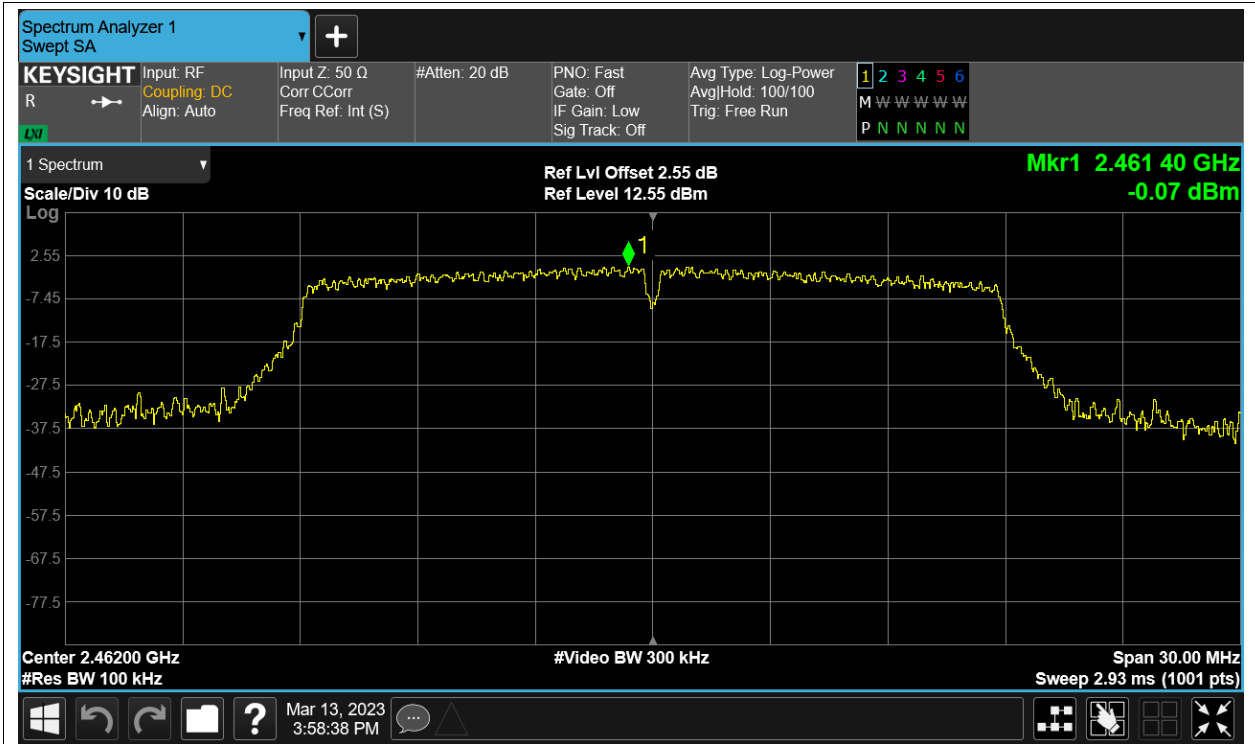
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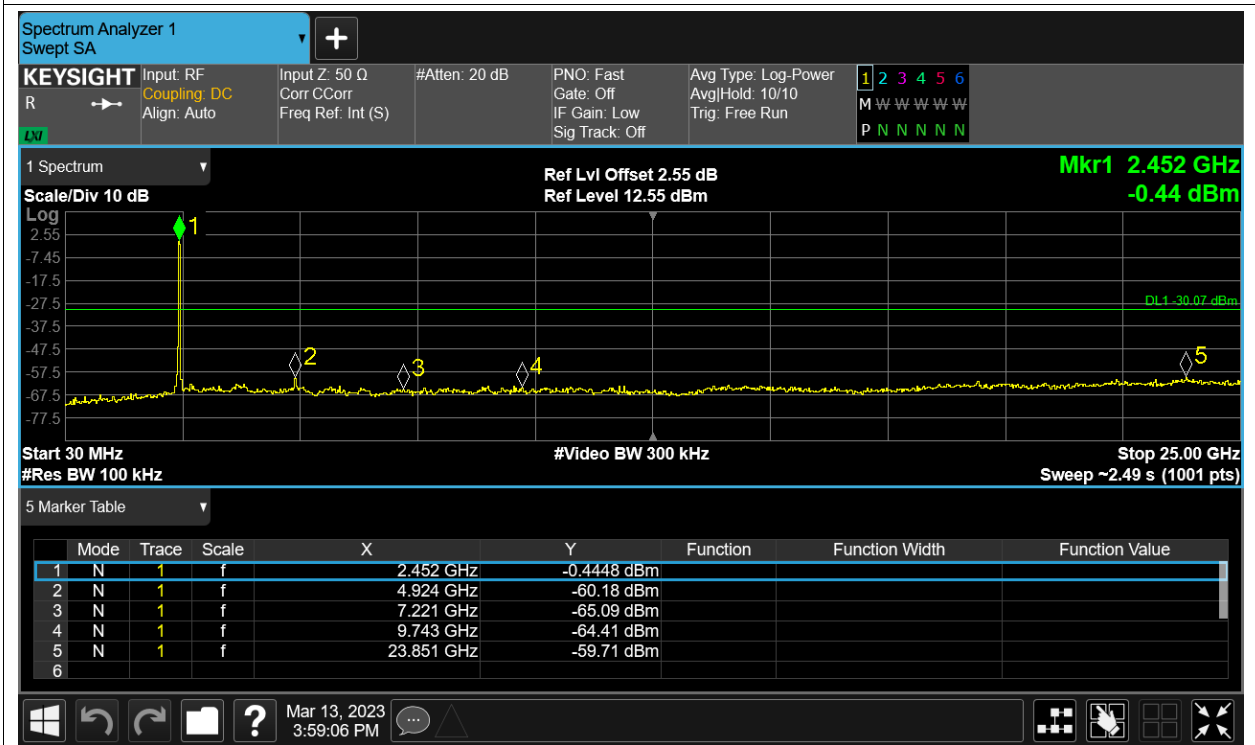
Tx. Spurious NVNT n20 2437MHz Ant5 Emission



Tx. Spurious NVNT n20 2462MHz Ant5 Ref

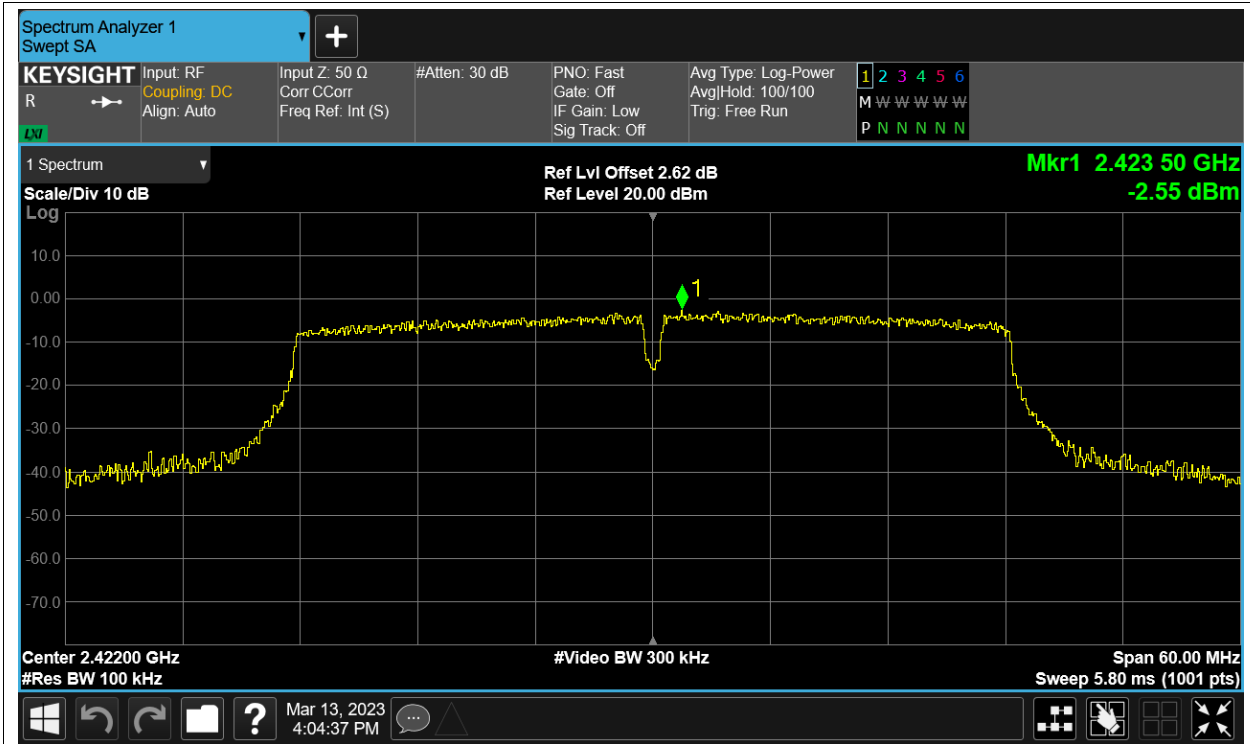


Tx. Spurious NVNT n20 2462MHz Ant5 Emission

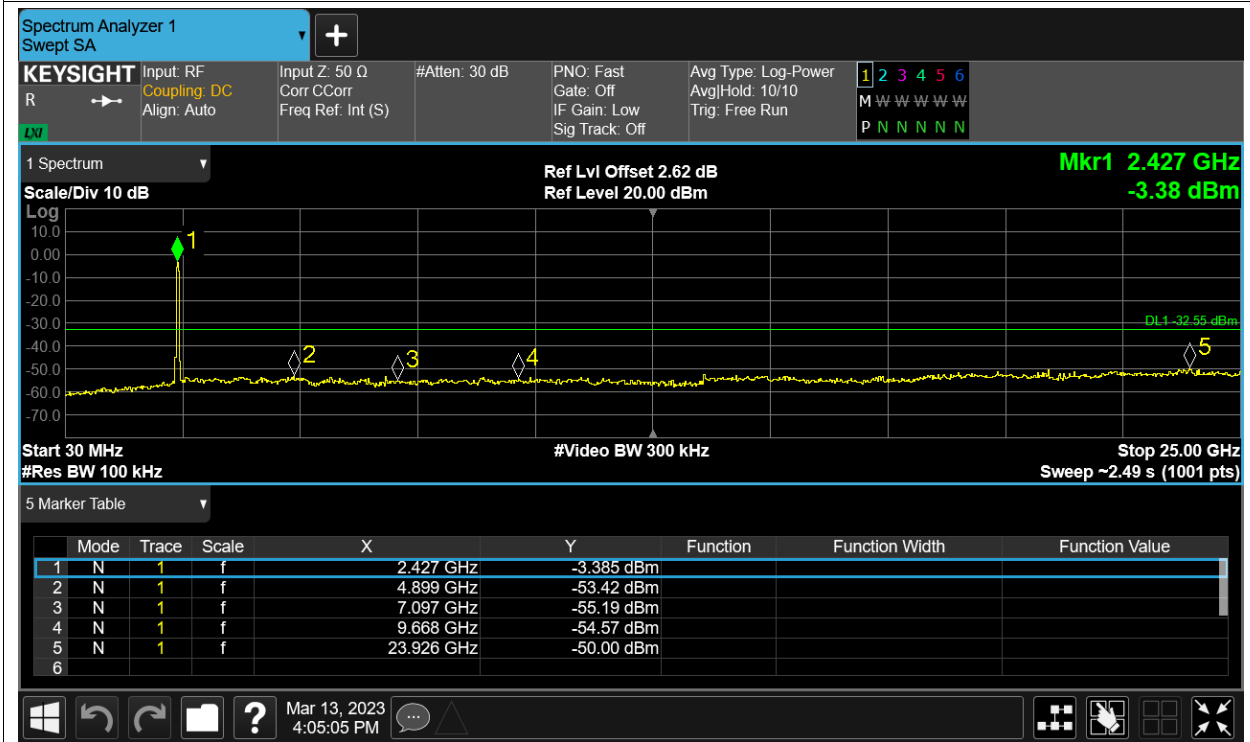


Tx. Spurious NVNT n40 2422MHz Ant5 Ref

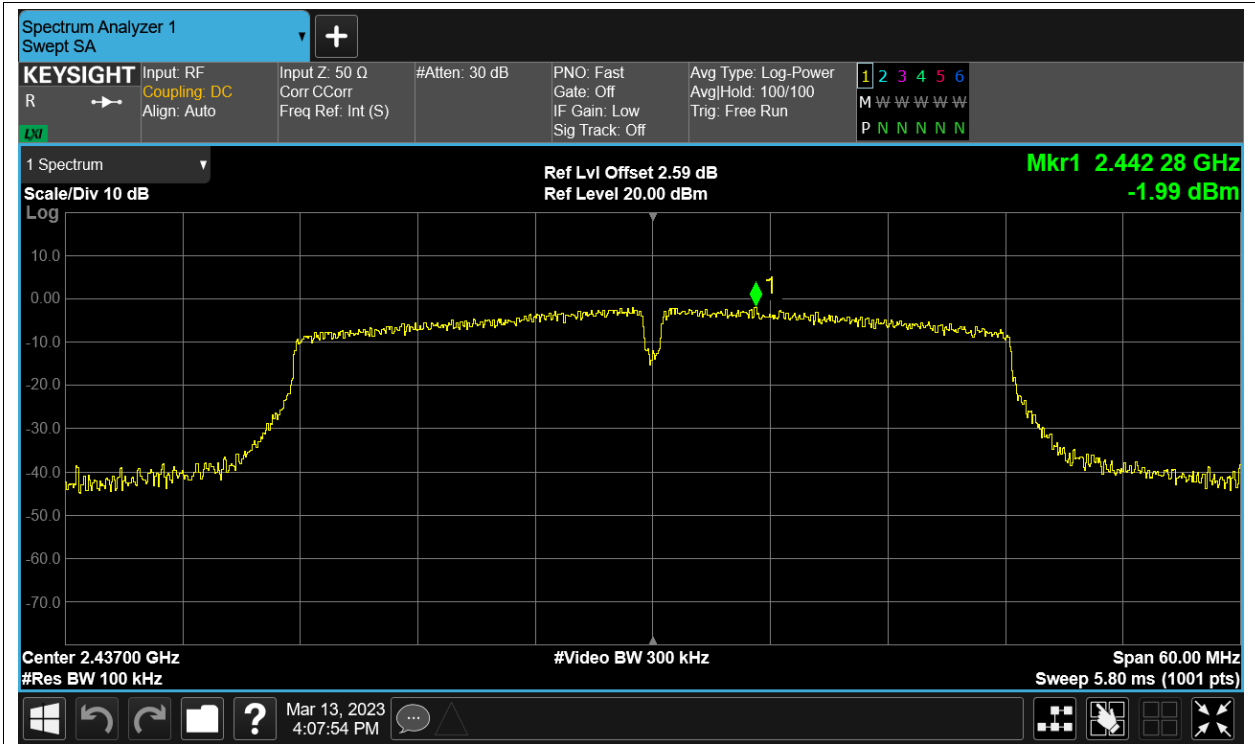




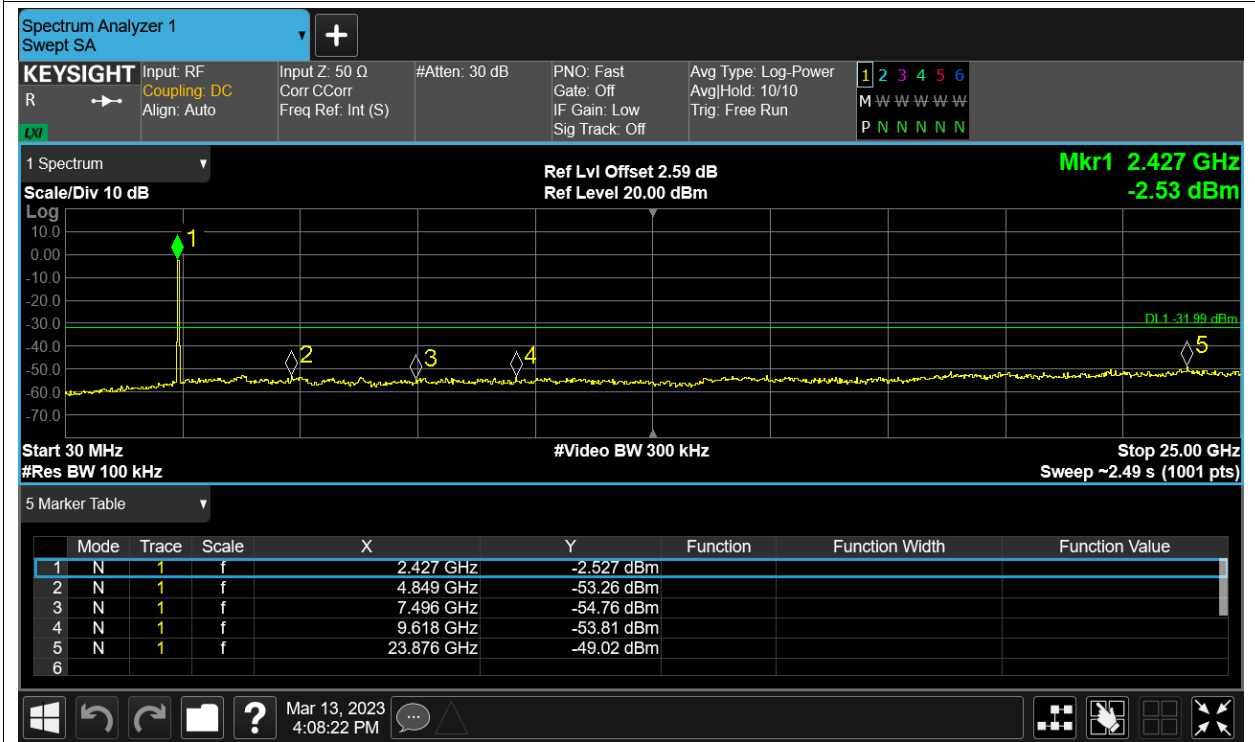
Tx. Spurious NVNT n40 2422MHz Ant5 Emission



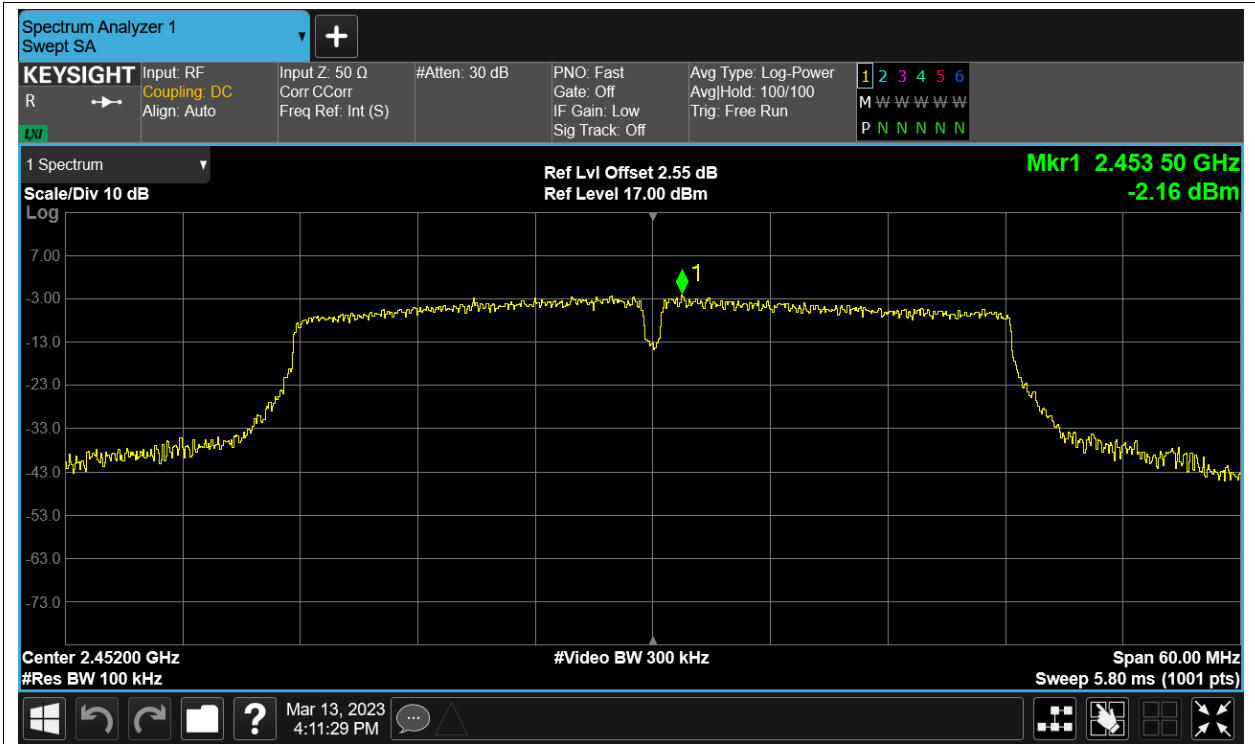
Tx. Spurious NVNT n40 2437MHz Ant5 Ref



Tx. Spurious NVNT n40 2437MHz Ant5 Emission



Tx. Spurious NVNT n40 2452MHz Ant5 Ref



Tx. Spurious NVNT n40 2452MHz Ant5 Emission

