

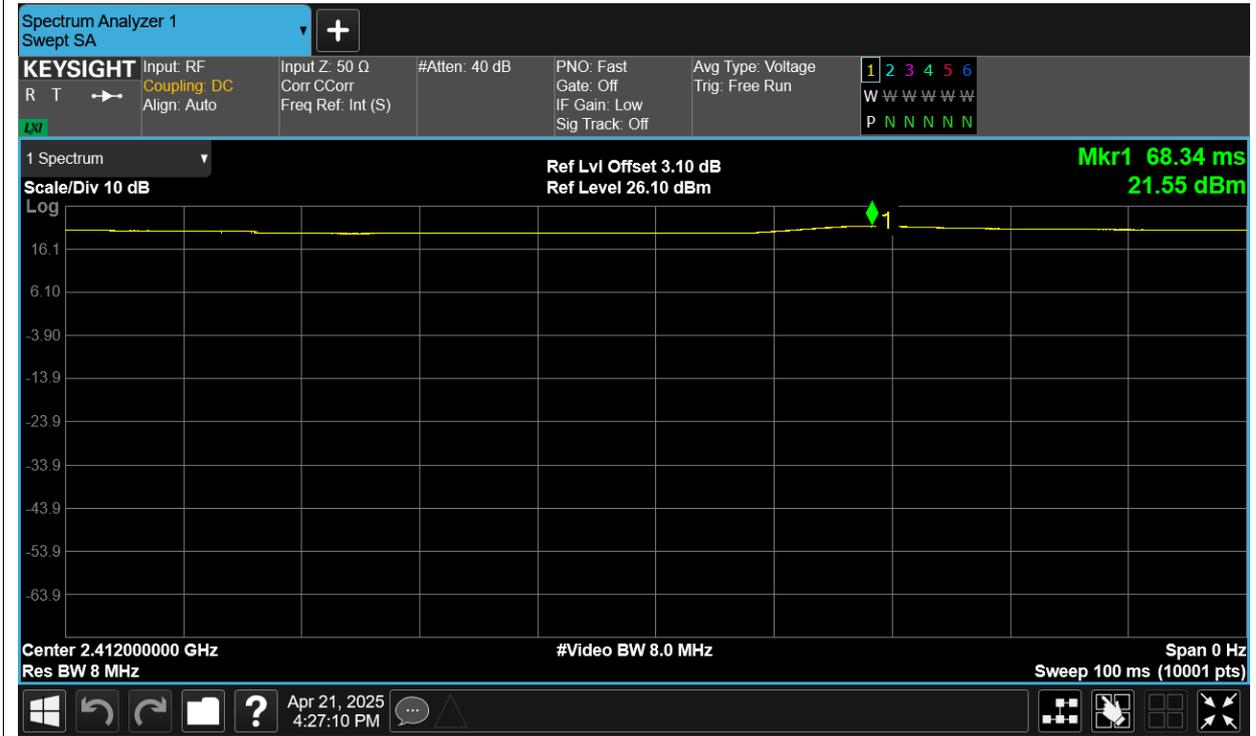
## Test Data

### Duty Cycle

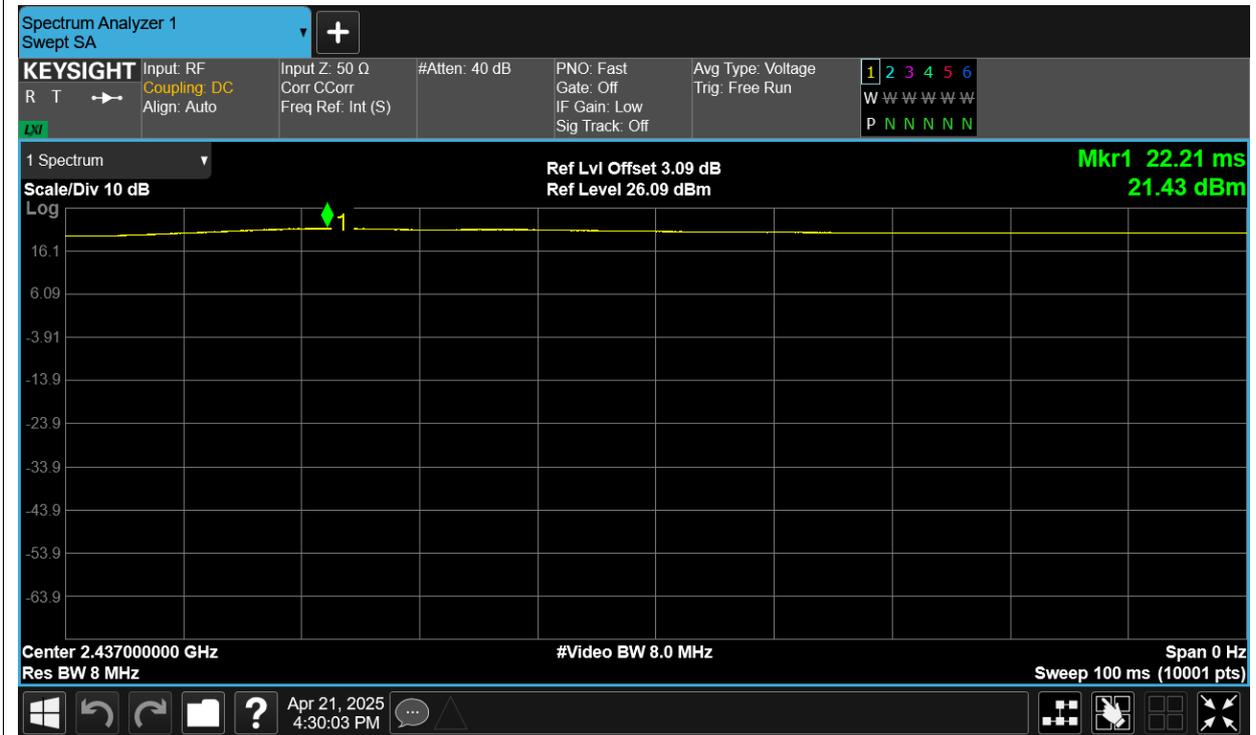
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant3	100	0
NVNT	b	2437	Ant3	100	0
NVNT	b	2462	Ant3	100	0
NVNT	g	2412	Ant3	100	0
NVNT	g	2437	Ant3	100	0
NVNT	g	2462	Ant3	100	0
NVNT	n20	2412	Ant3	100	0
NVNT	n20	2437	Ant3	100	0
NVNT	n20	2462	Ant3	100	0

Test Graphs

Duty Cycle NVNT b 2412MHz Ant3



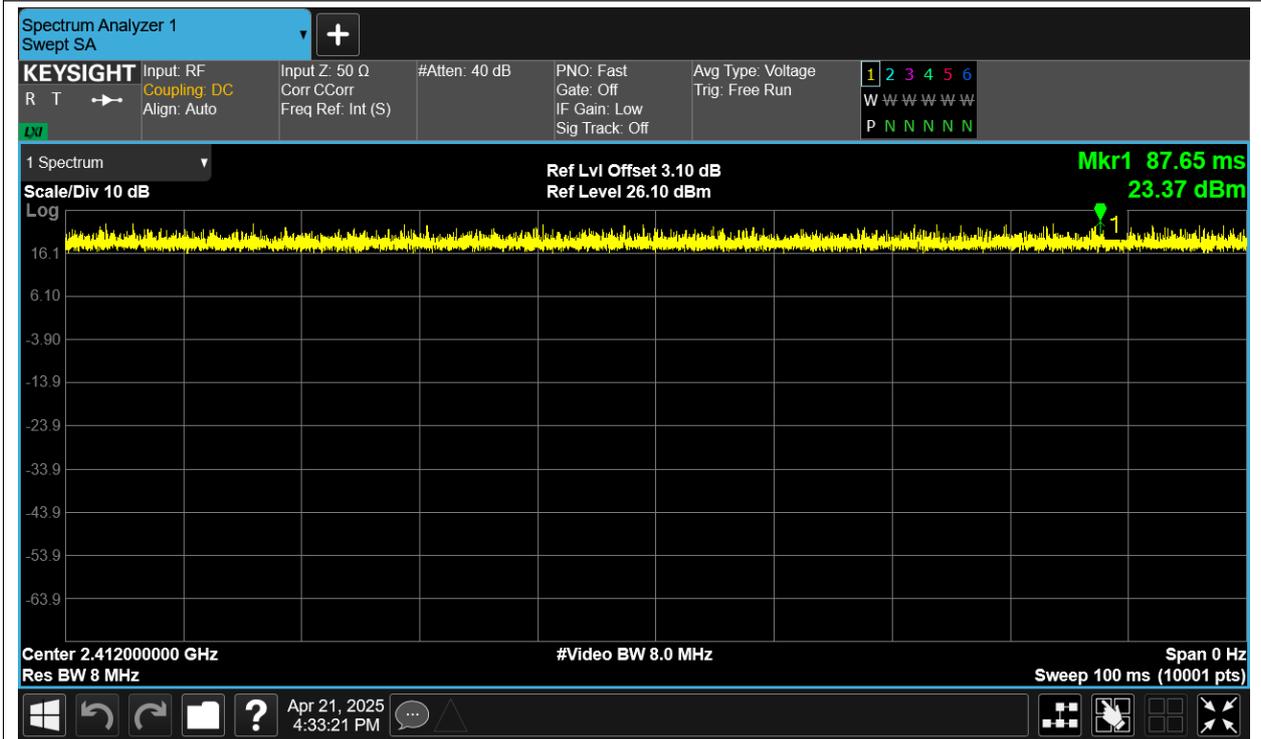
Duty Cycle NVNT b 2437MHz Ant3



Duty Cycle NVNT b 2462MHz Ant3



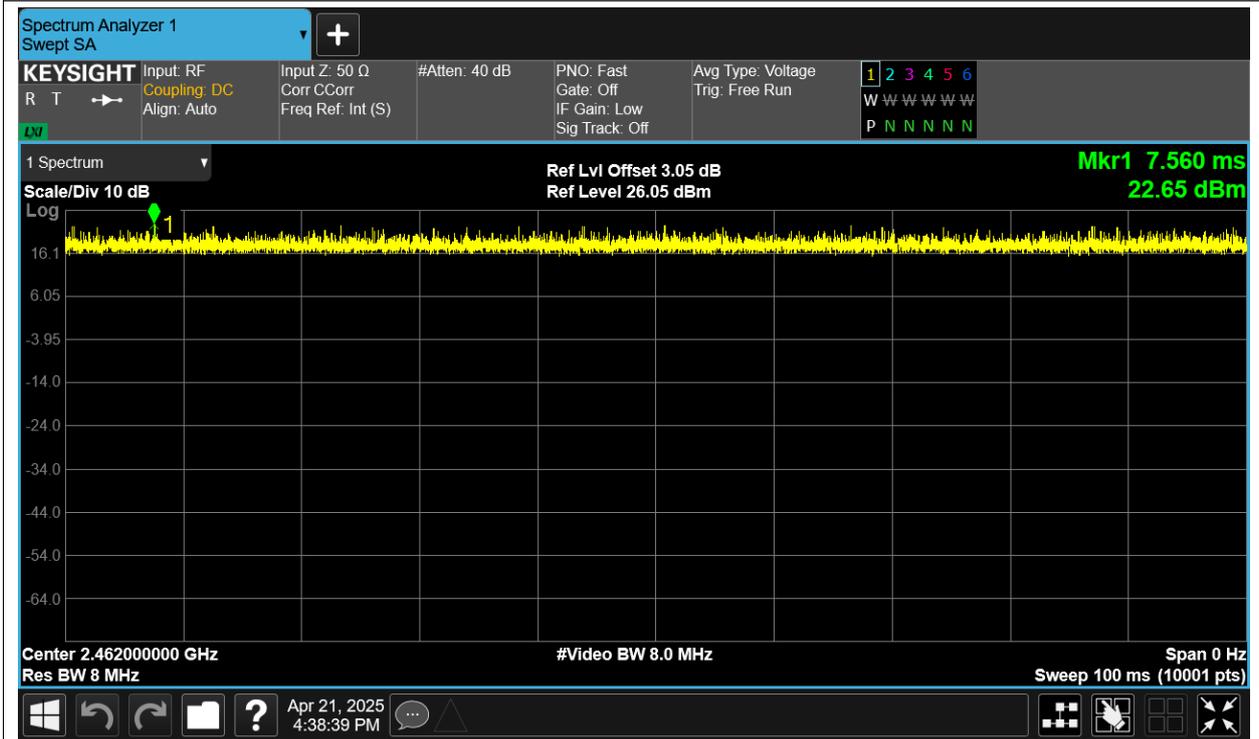
Duty Cycle NVNT g 2412MHz Ant3



Duty Cycle NVNT g 2437MHz Ant3



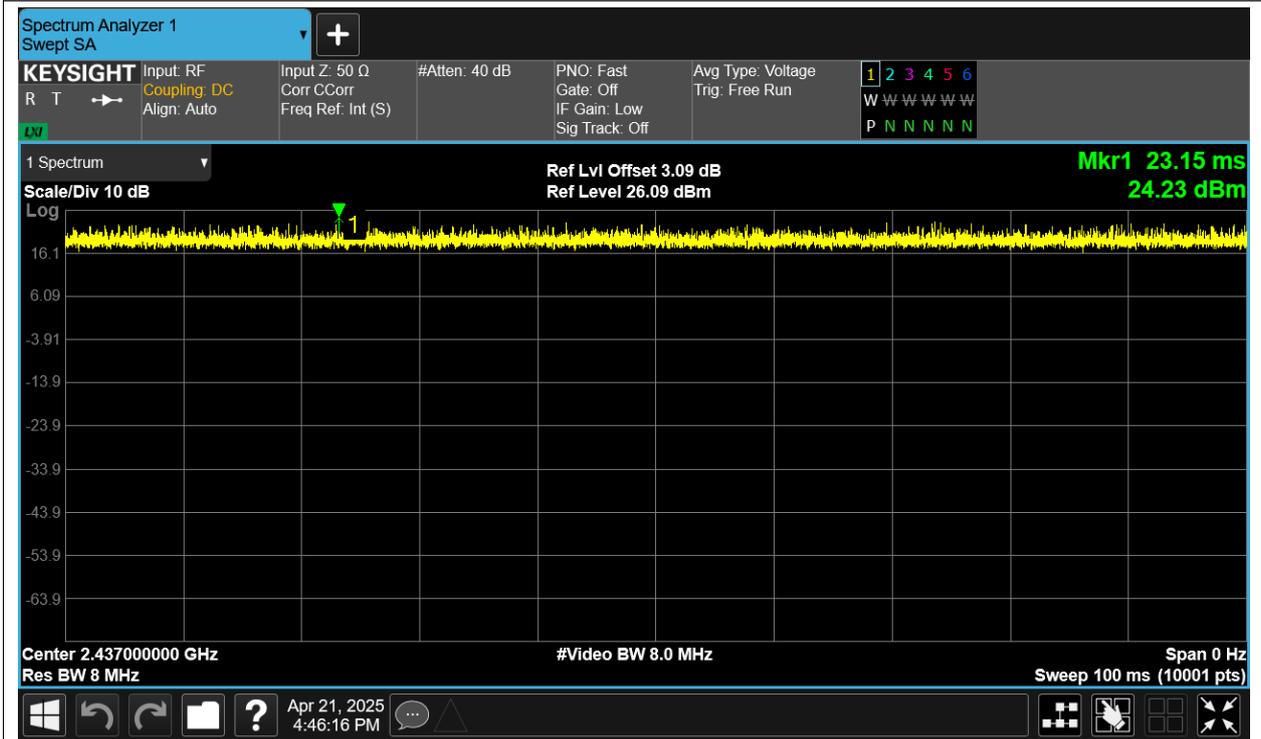
Duty Cycle NVNT g 2462MHz Ant3



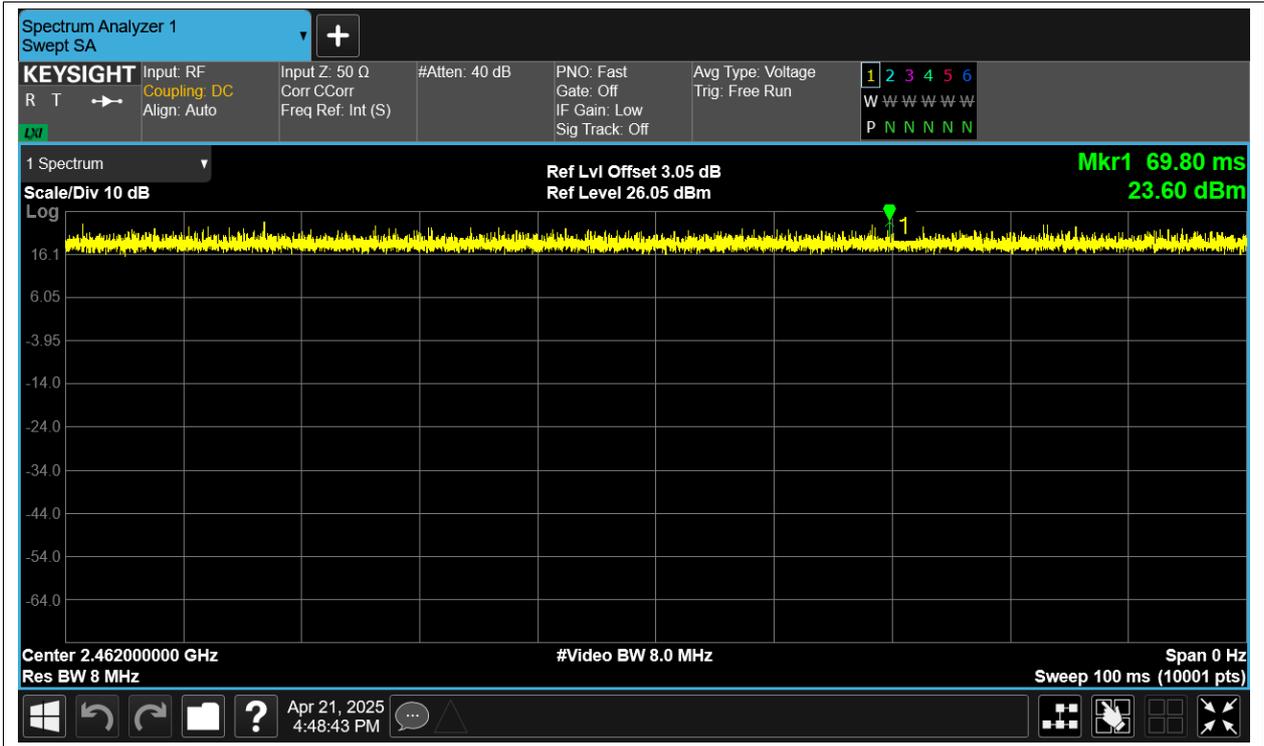
Duty Cycle NVNT n20 2412MHz Ant3



Duty Cycle NVNT n20 2437MHz Ant3



Duty Cycle NVNT n20 2462MHz Ant3



## Maximum Conducted Output Power

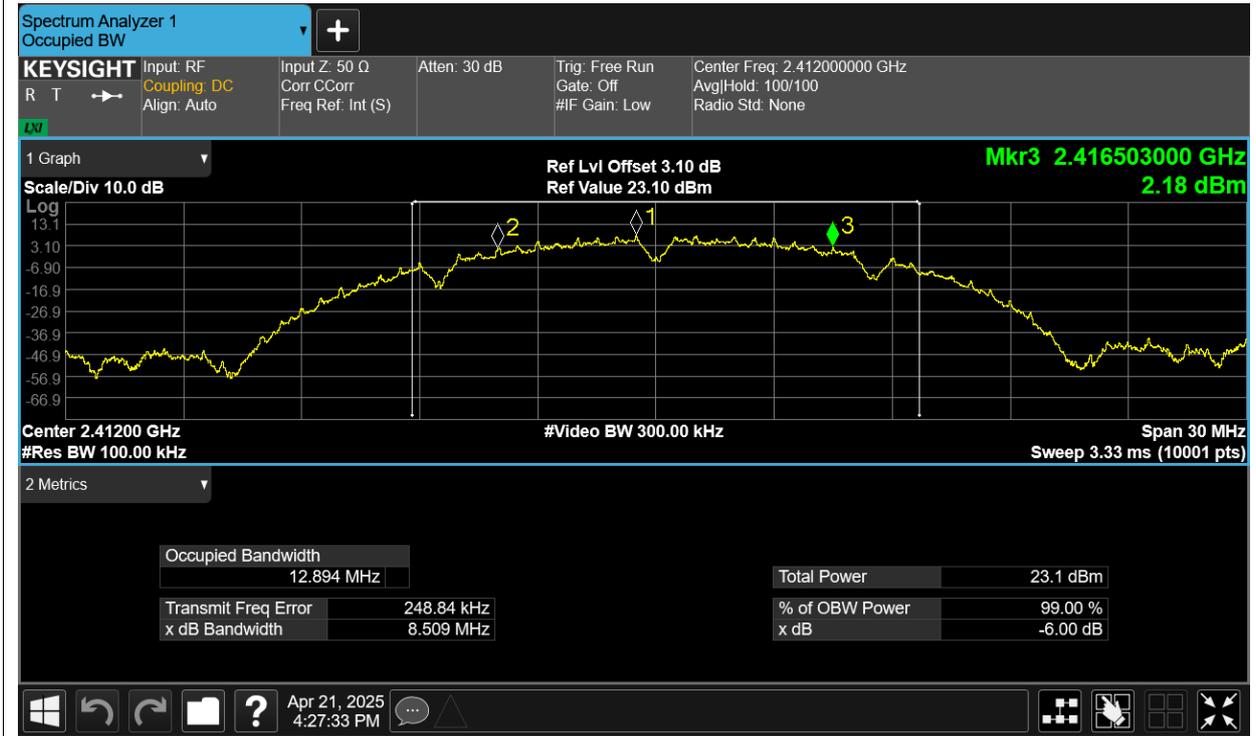
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant3	16.77	0	16.77	30	Pass
NVNT	b	2437	Ant3	16.65	0	16.65	30	Pass
NVNT	b	2462	Ant3	16.69	0	16.69	30	Pass
NVNT	g	2412	Ant3	14.36	0	14.36	30	Pass
NVNT	g	2437	Ant3	14.24	0	14.24	30	Pass
NVNT	g	2462	Ant3	14.1	0	14.1	30	Pass
NVNT	n20	2412	Ant3	15.18	0	15.18	30	Pass
NVNT	n20	2437	Ant3	15.2	0	15.2	30	Pass
NVNT	n20	2462	Ant3	14.95	0	14.95	30	Pass

## -6dB Bandwidth

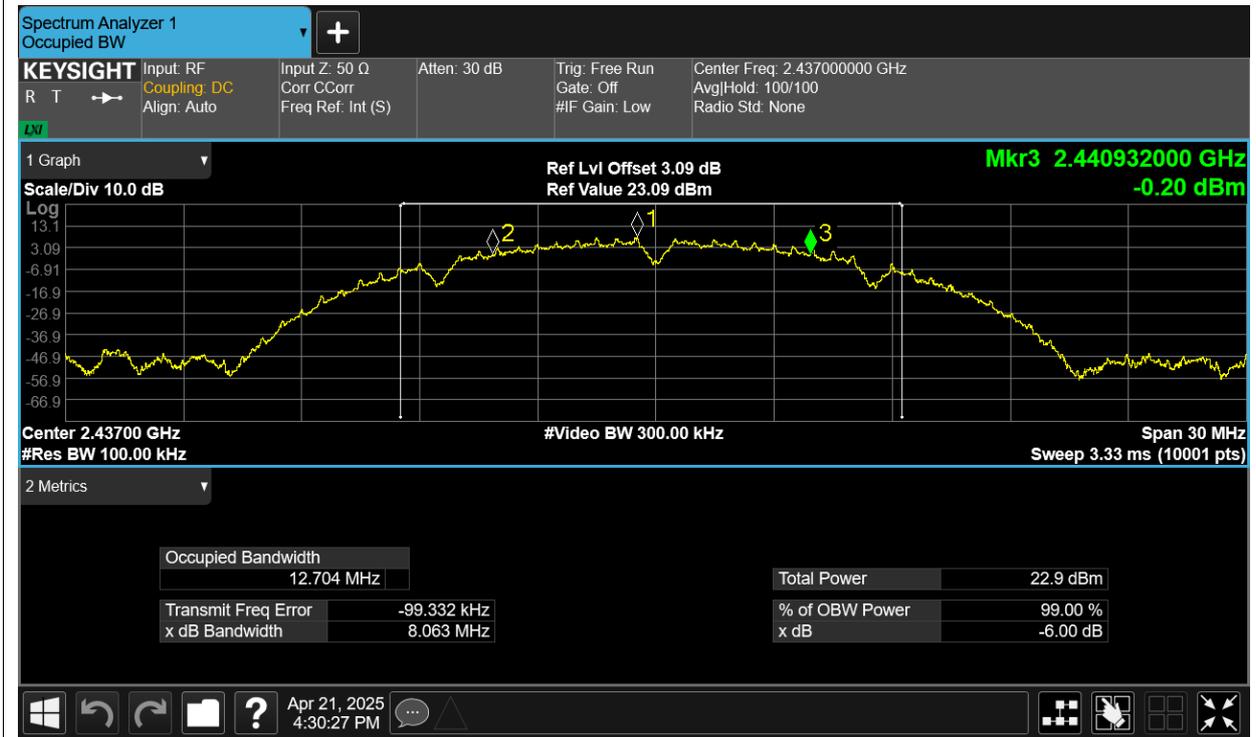
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant3	8.509	0.5	Pass
NVNT	b	2437	Ant3	8.063	0.5	Pass
NVNT	b	2462	Ant3	8.076	0.5	Pass
NVNT	g	2412	Ant3	16.112	0.5	Pass
NVNT	g	2437	Ant3	16.341	0.5	Pass
NVNT	g	2462	Ant3	16.43	0.5	Pass
NVNT	n20	2412	Ant3	17.313	0.5	Pass
NVNT	n20	2437	Ant3	17.576	0.5	Pass
NVNT	n20	2462	Ant3	17.365	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant3



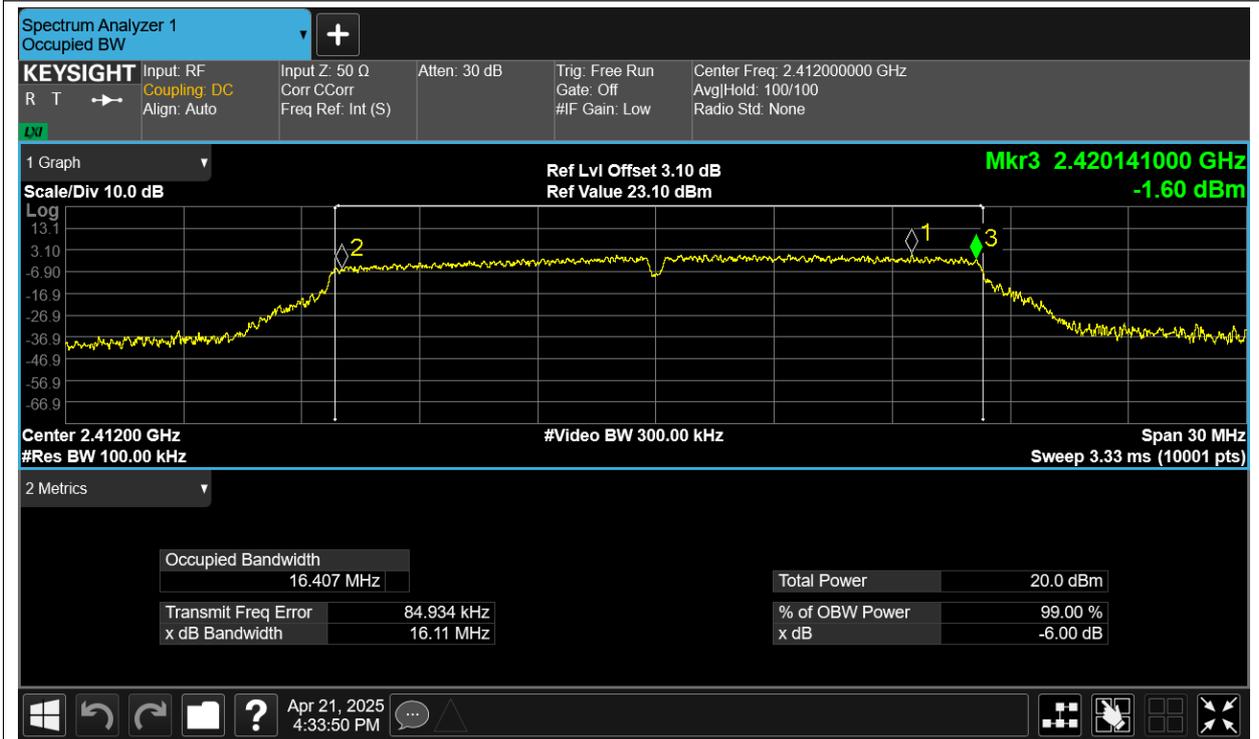
-6dB Bandwidth NVNT b 2437MHz Ant3



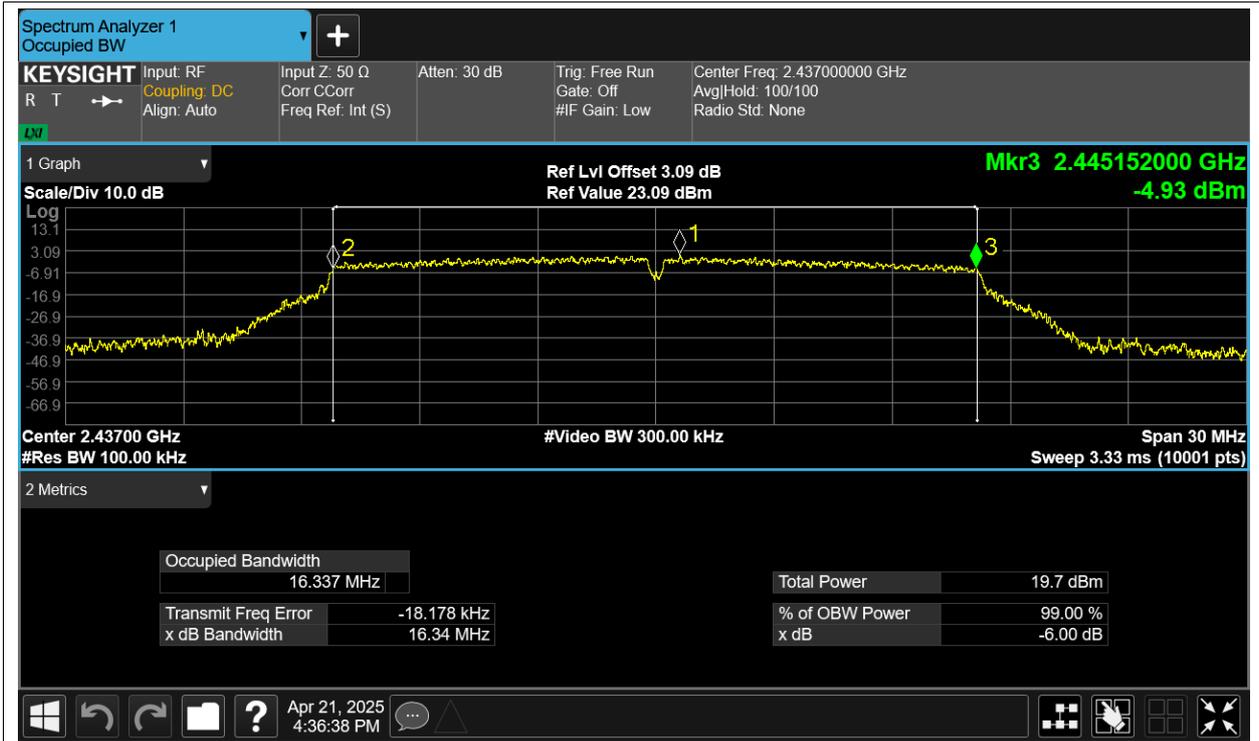
-6dB Bandwidth NVNT b 2462MHz Ant3



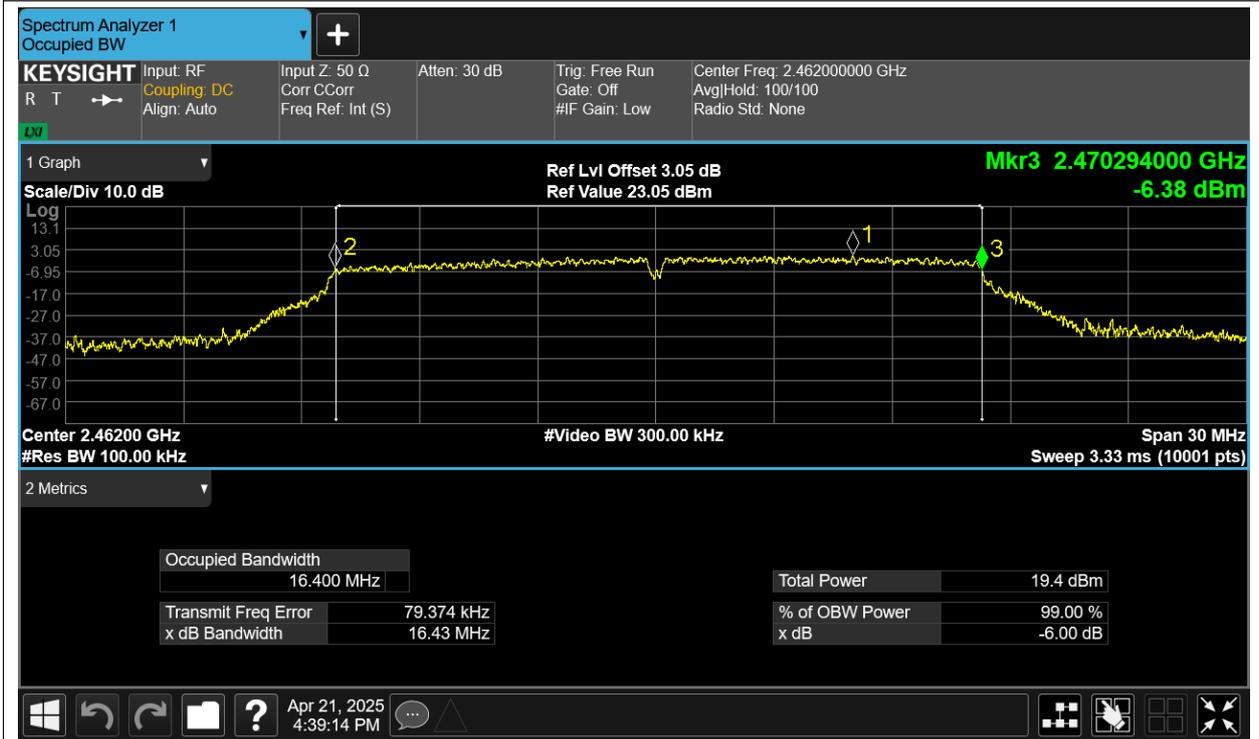
-6dB Bandwidth NVNT g 2412MHz Ant3



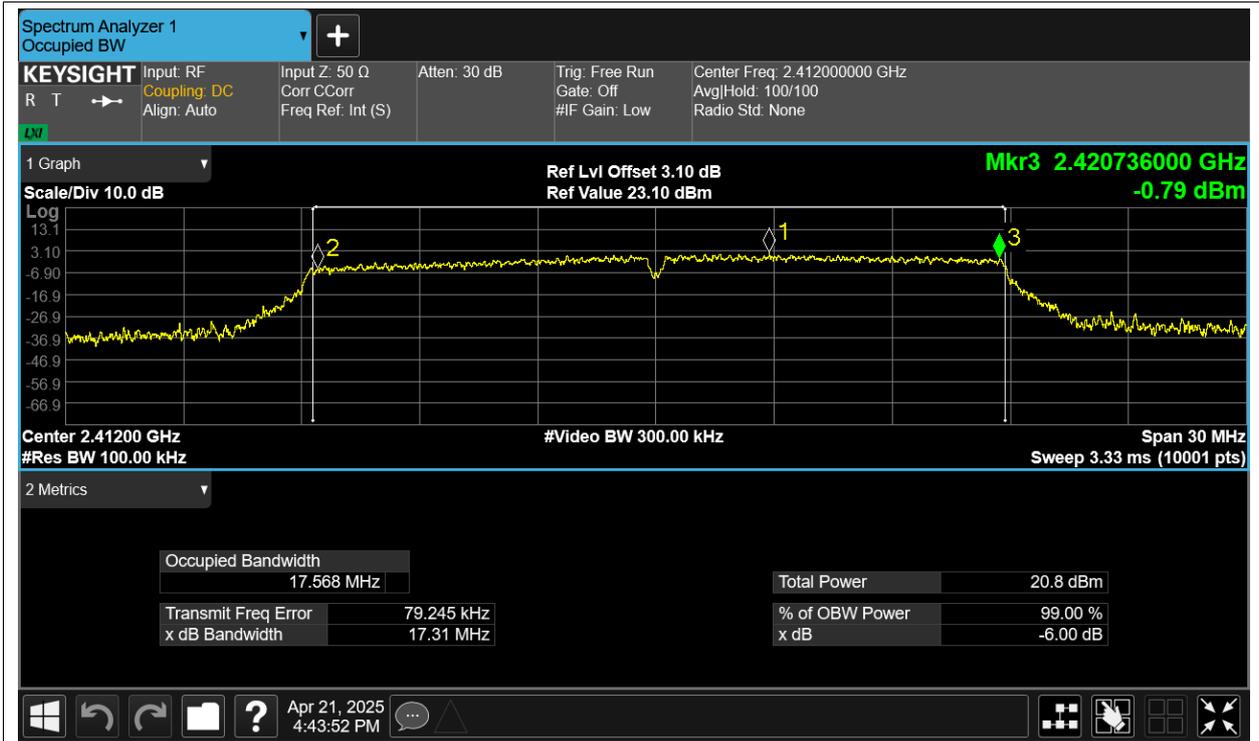
-6dB Bandwidth NVNT g 2437MHz Ant3



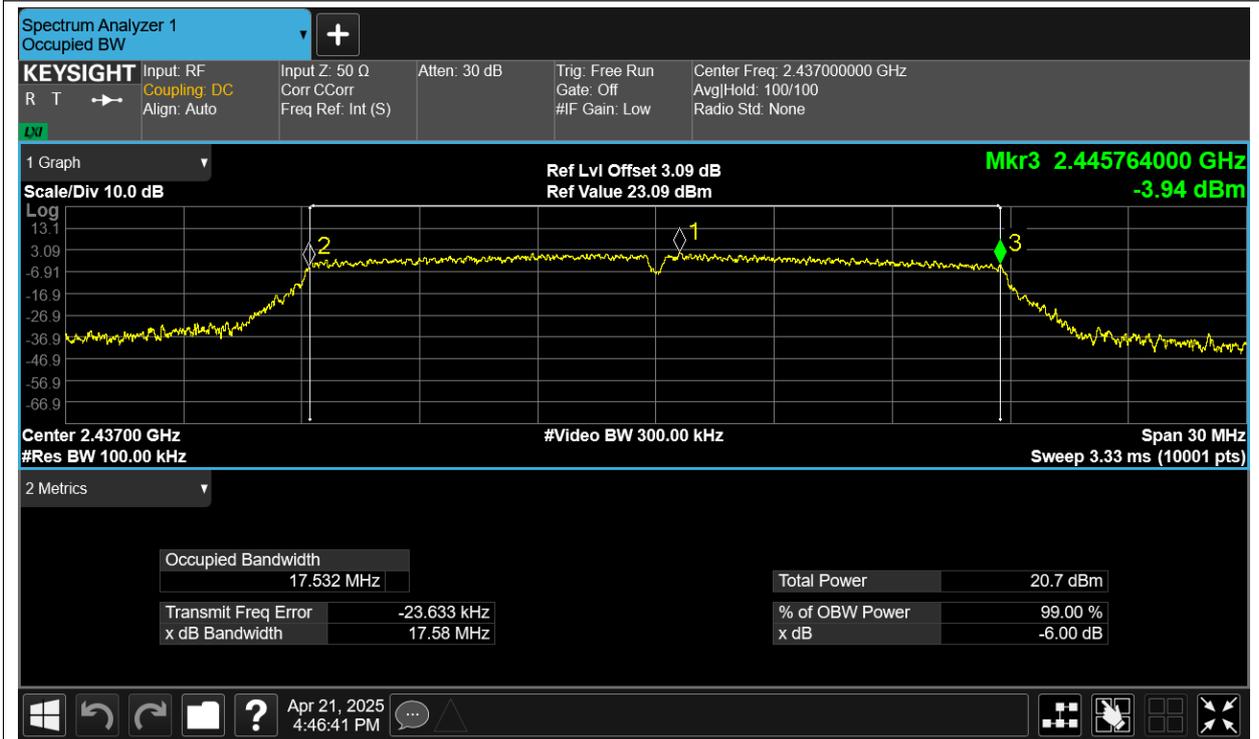
-6dB Bandwidth NVNT g 2462MHz Ant3



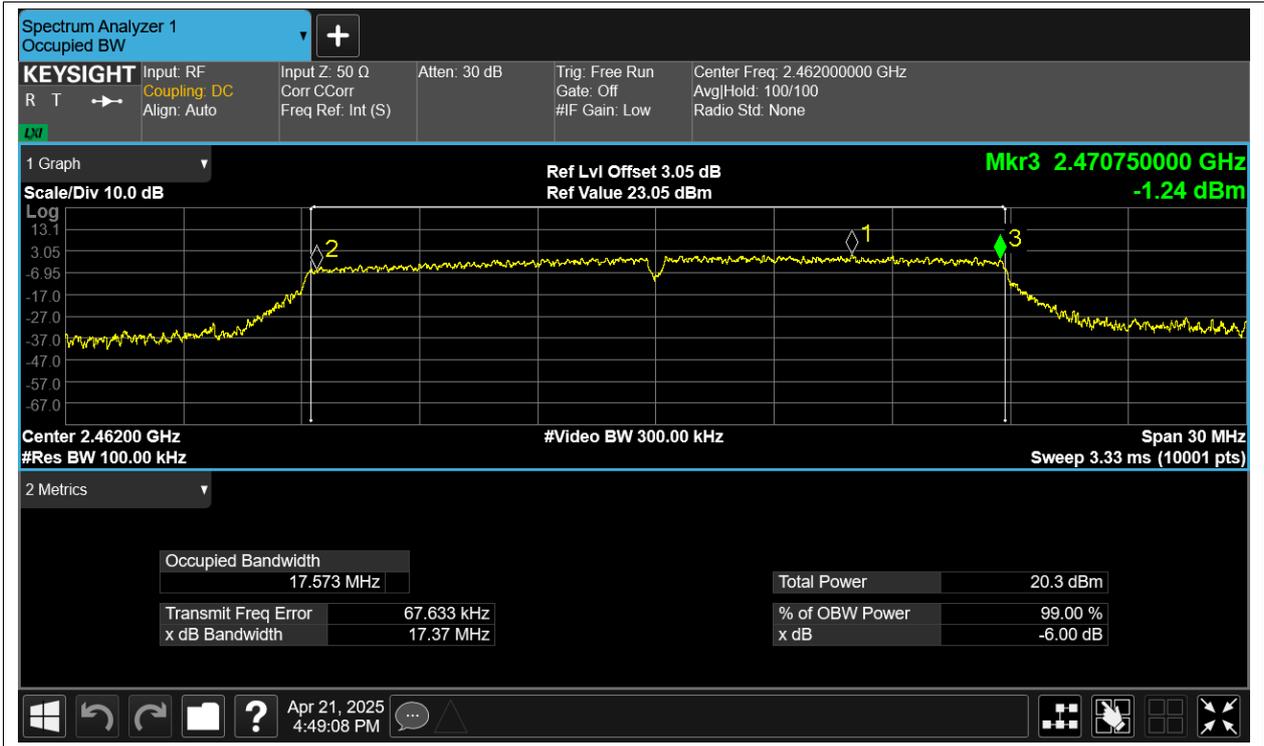
-6dB Bandwidth NVNT n20 2412MHz Ant3



-6dB Bandwidth NVNT n20 2437MHz Ant3



-6dB Bandwidth NVNT n20 2462MHz Ant3

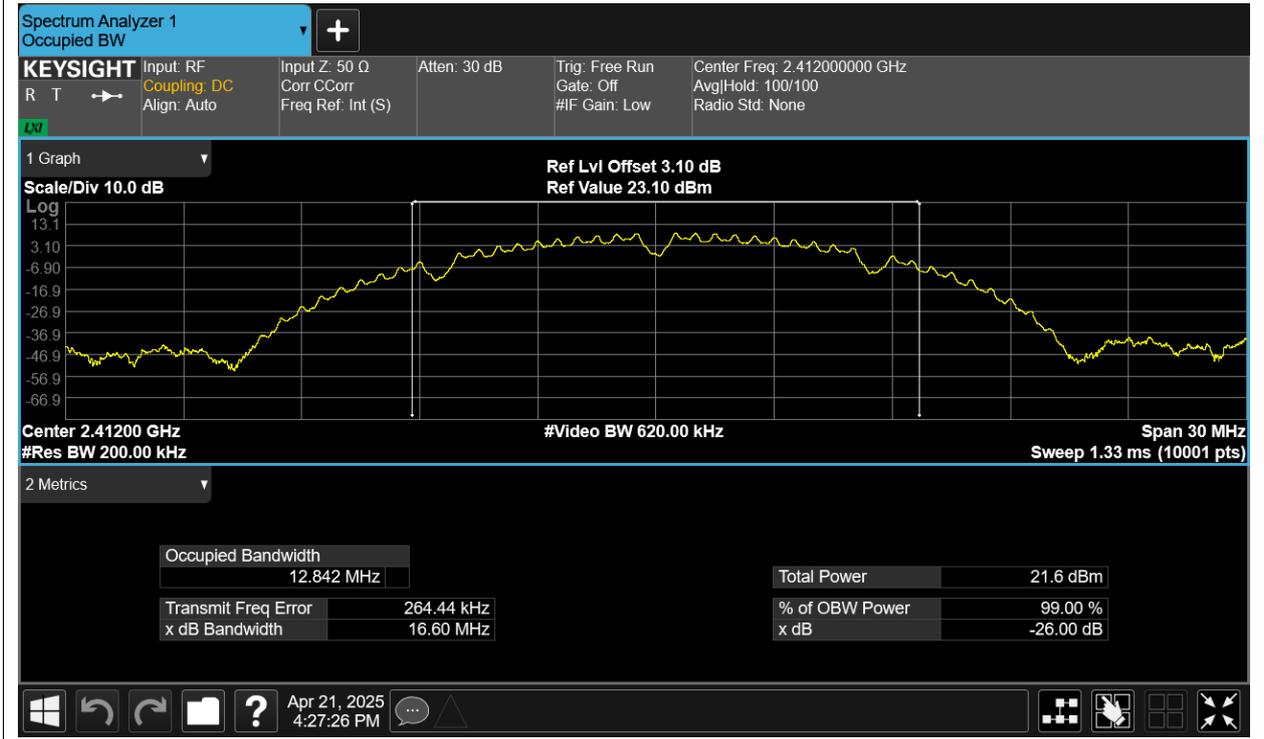


## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant3	12.842
NVNT	b	2437	Ant3	12.701
NVNT	b	2462	Ant3	12.839
NVNT	g	2412	Ant3	16.465
NVNT	g	2437	Ant3	16.382
NVNT	g	2462	Ant3	16.503
NVNT	n20	2412	Ant3	17.638
NVNT	n20	2437	Ant3	17.519
NVNT	n20	2462	Ant3	17.655

Test Graphs

OBW NVNT b 2412MHz Ant3



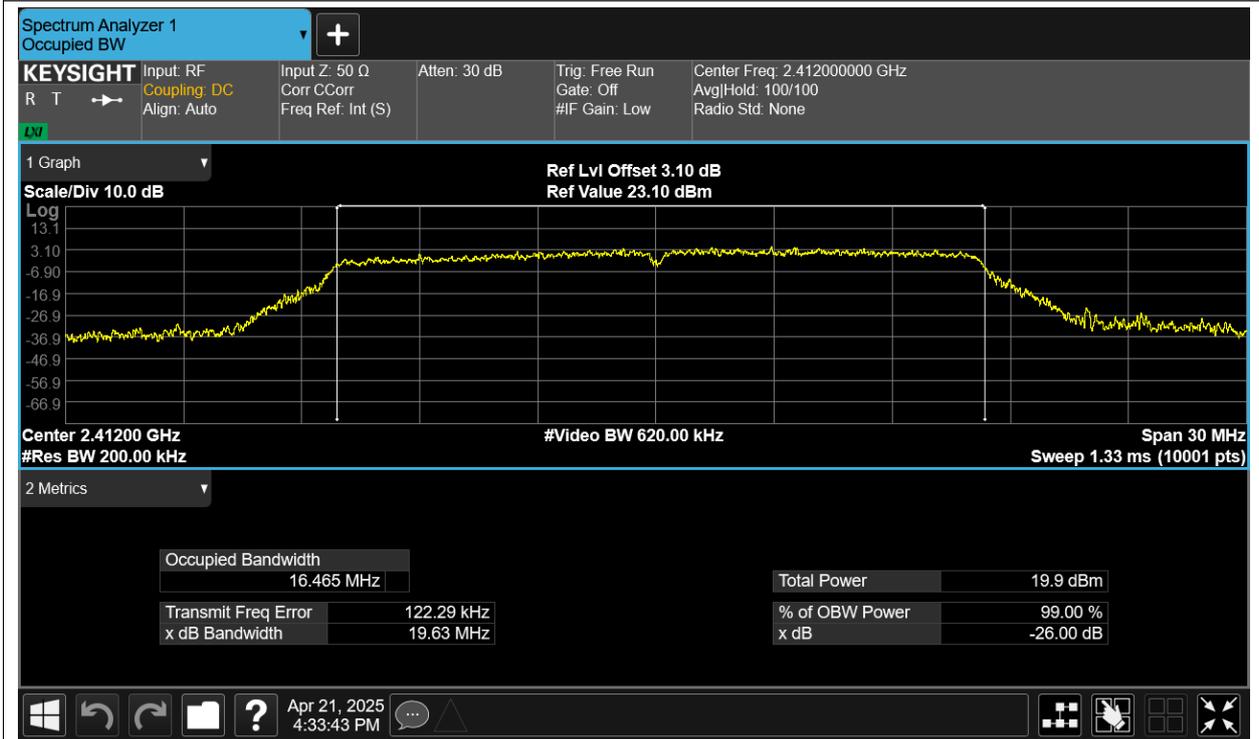
OBW NVNT b 2437MHz Ant3



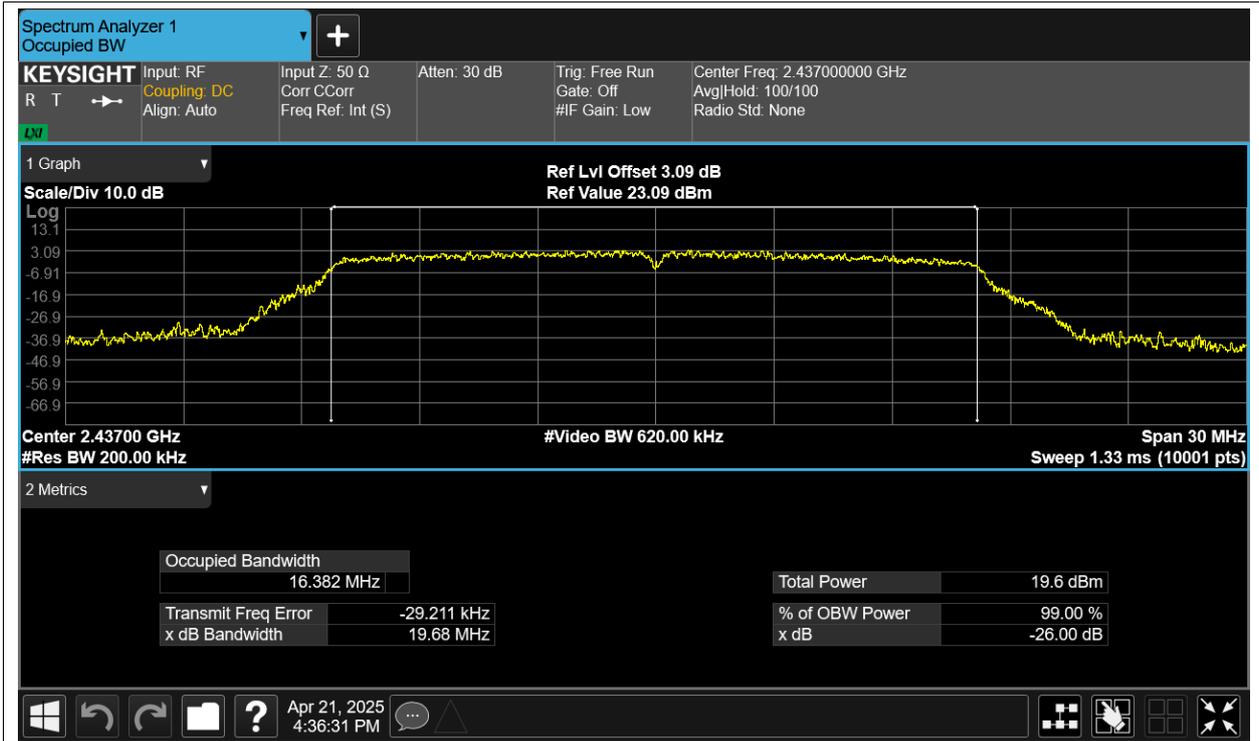
OBW NVNT b 2462MHz Ant3



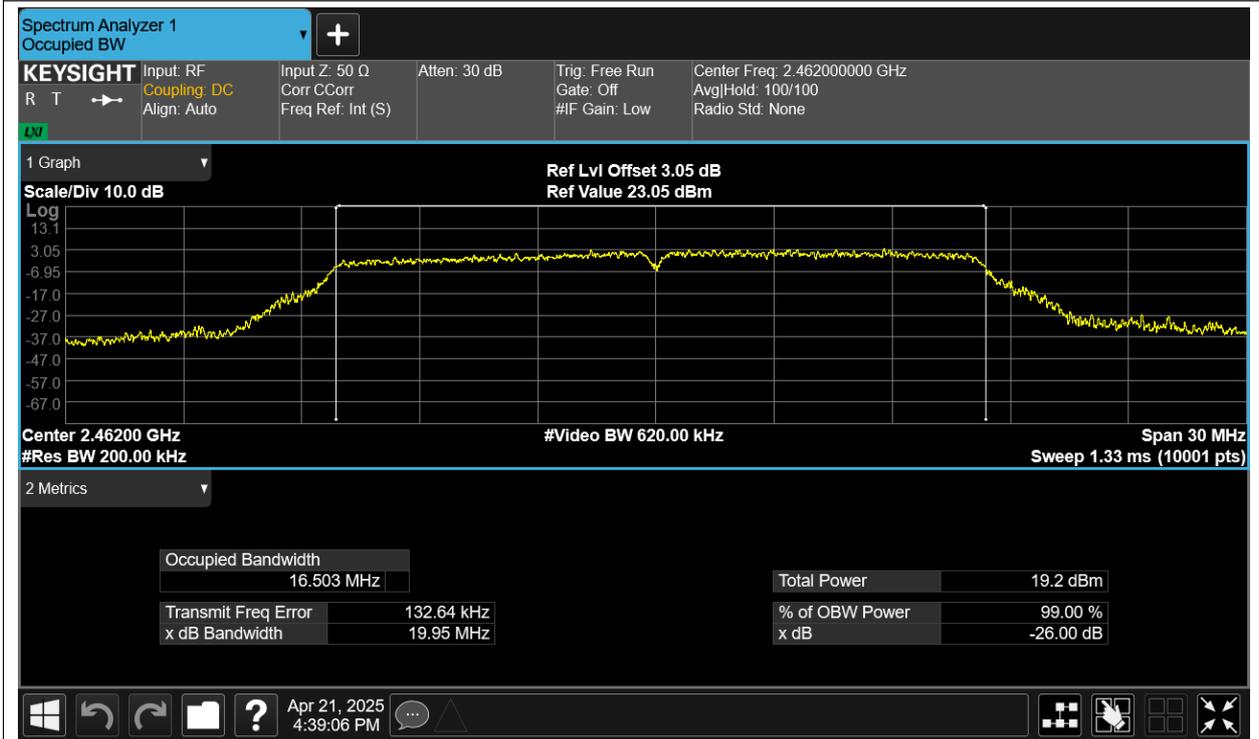
OBW NVNT g 2412MHz Ant3



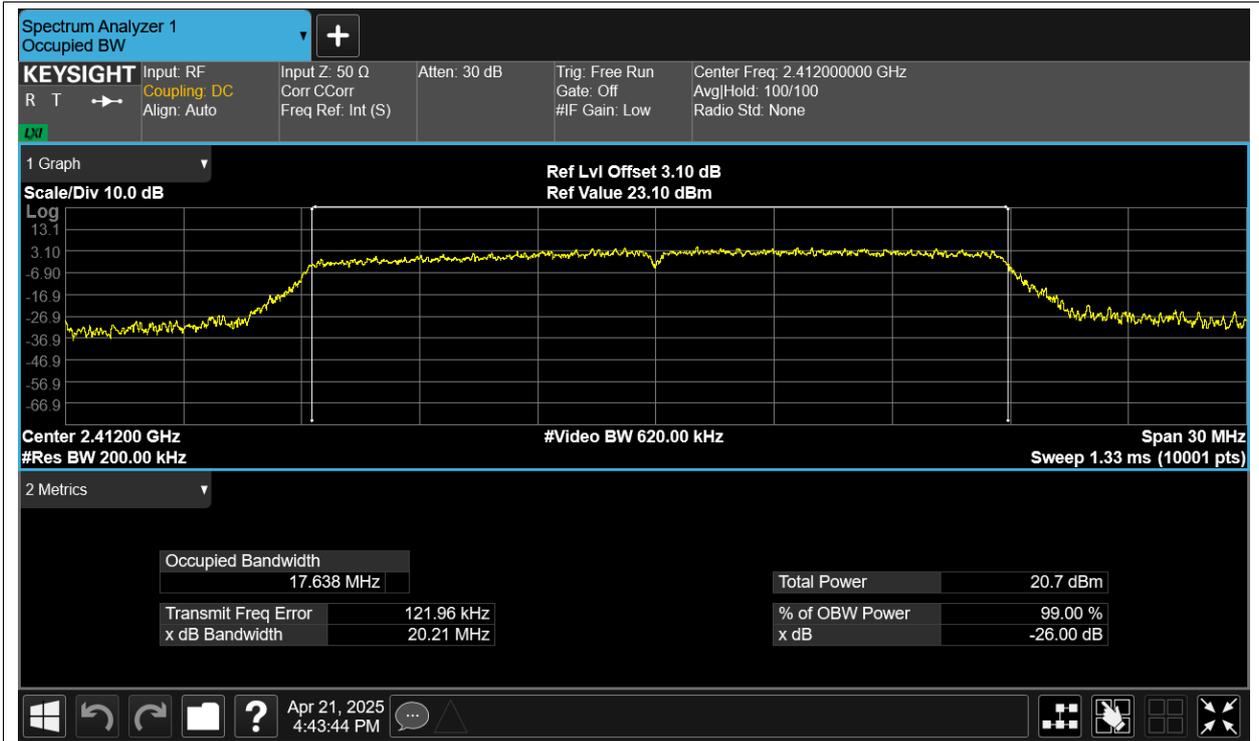
OBW NVNT g 2437MHz Ant3



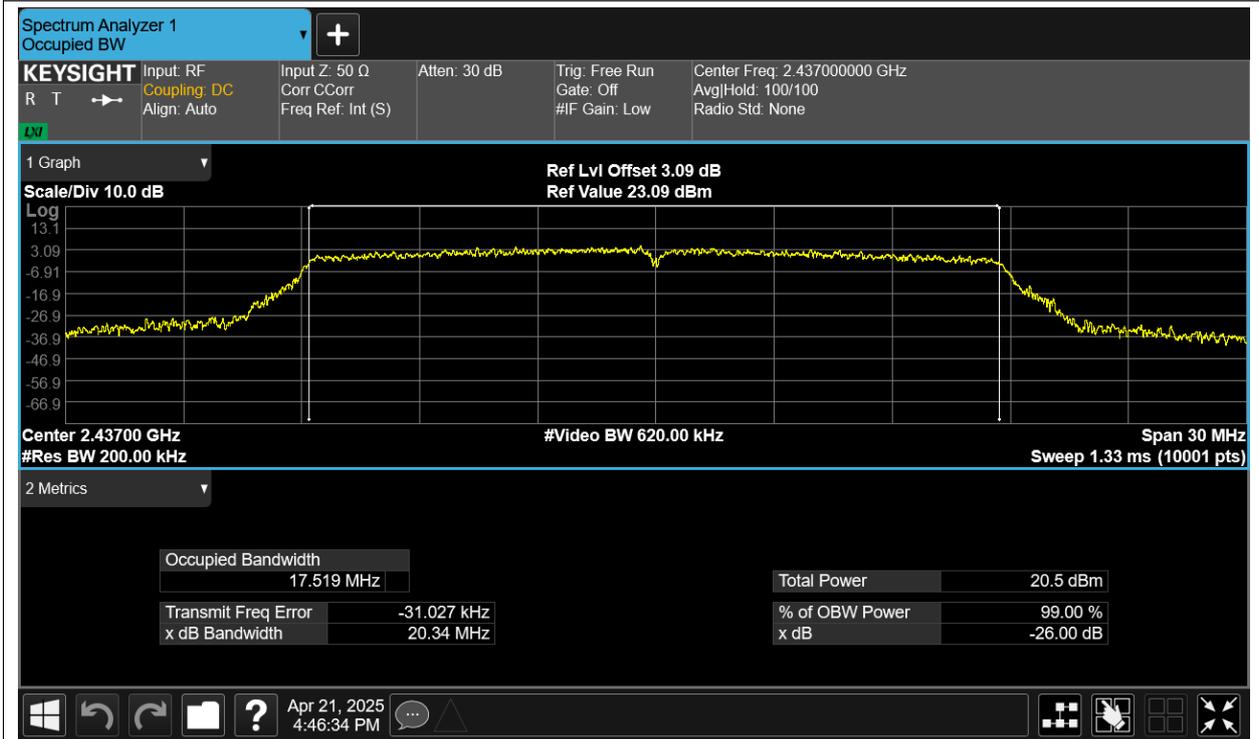
OBW NVNT g 2462MHz Ant3



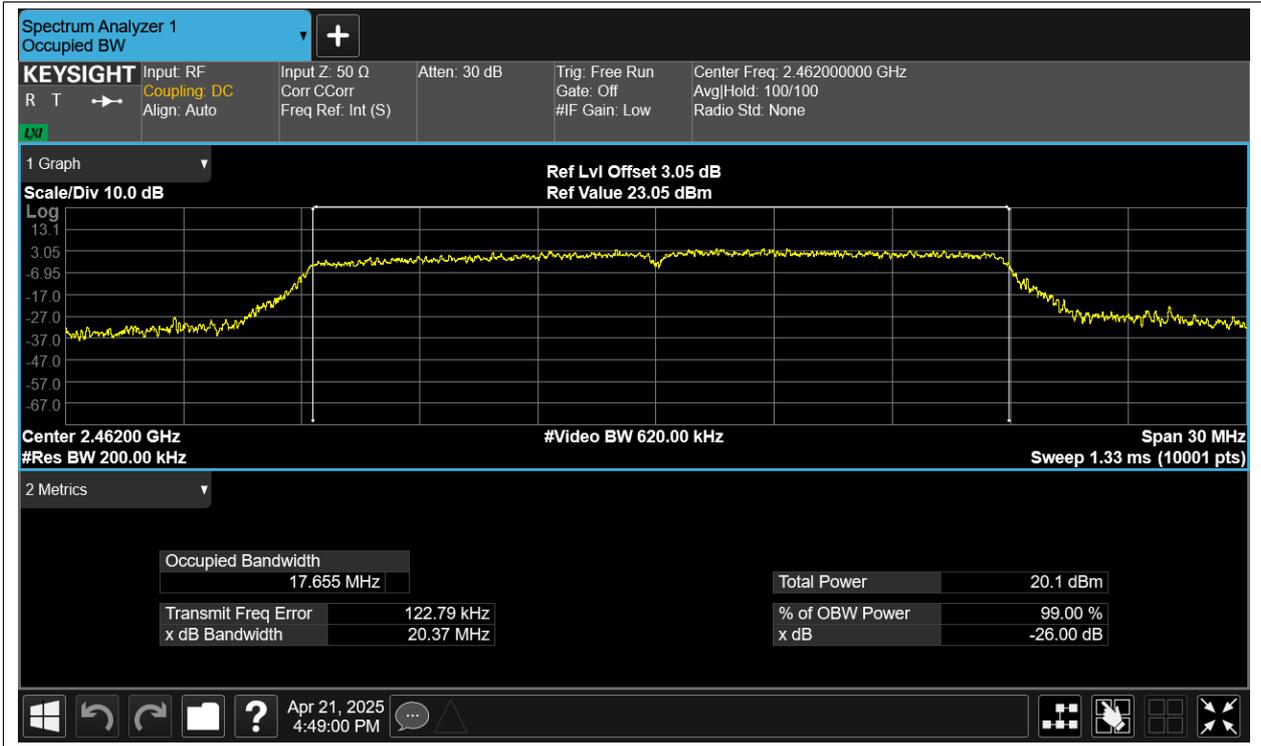
OBW NVNT n20 2412MHz Ant3



OBW NVNT n20 2437MHz Ant3



OBW NVNT n20 2462MHz Ant3



**Maximum Power Spectral Density Level**

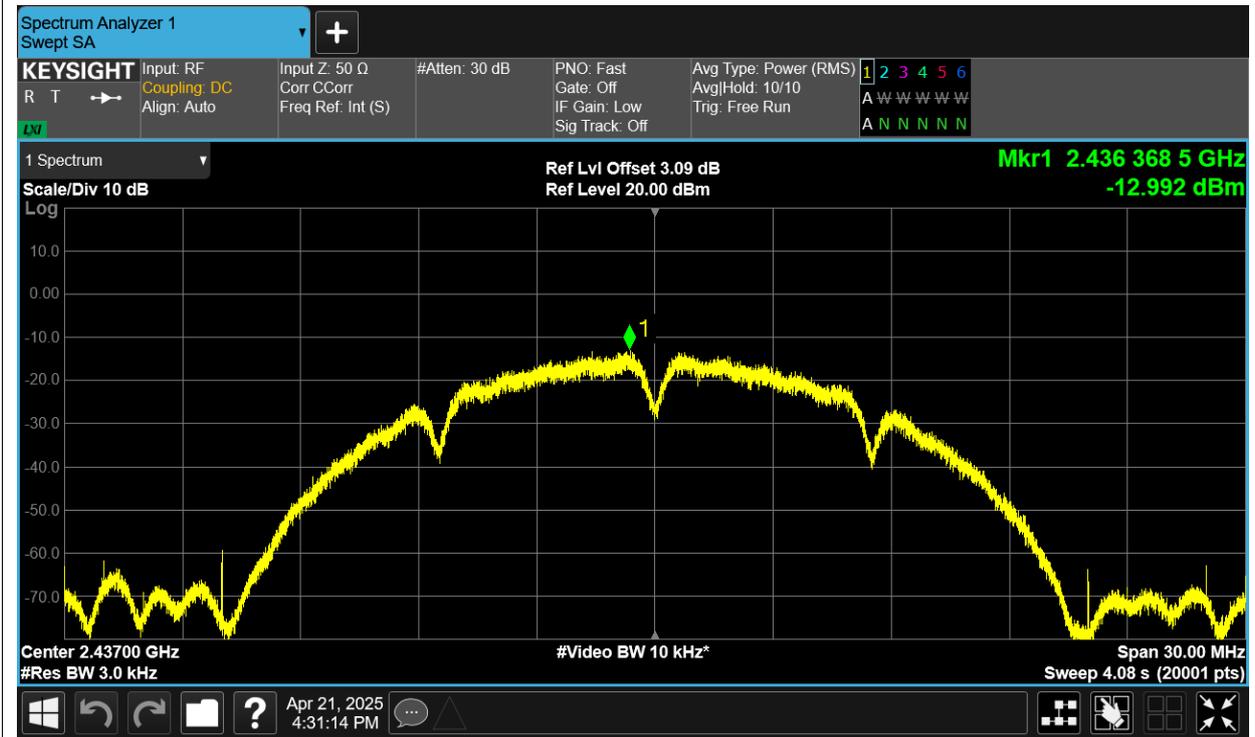
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant3	-13.16	8	Pass
NVNT	b	2437	Ant3	-12.992	8	Pass
NVNT	b	2462	Ant3	-13.395	8	Pass
NVNT	g	2412	Ant3	-17.039	8	Pass
NVNT	g	2437	Ant3	-16.588	8	Pass
NVNT	g	2462	Ant3	-17.227	8	Pass
NVNT	n20	2412	Ant3	-16.402	8	Pass
NVNT	n20	2437	Ant3	-16.931	8	Pass
NVNT	n20	2462	Ant3	-16.912	8	Pass

Test Graphs

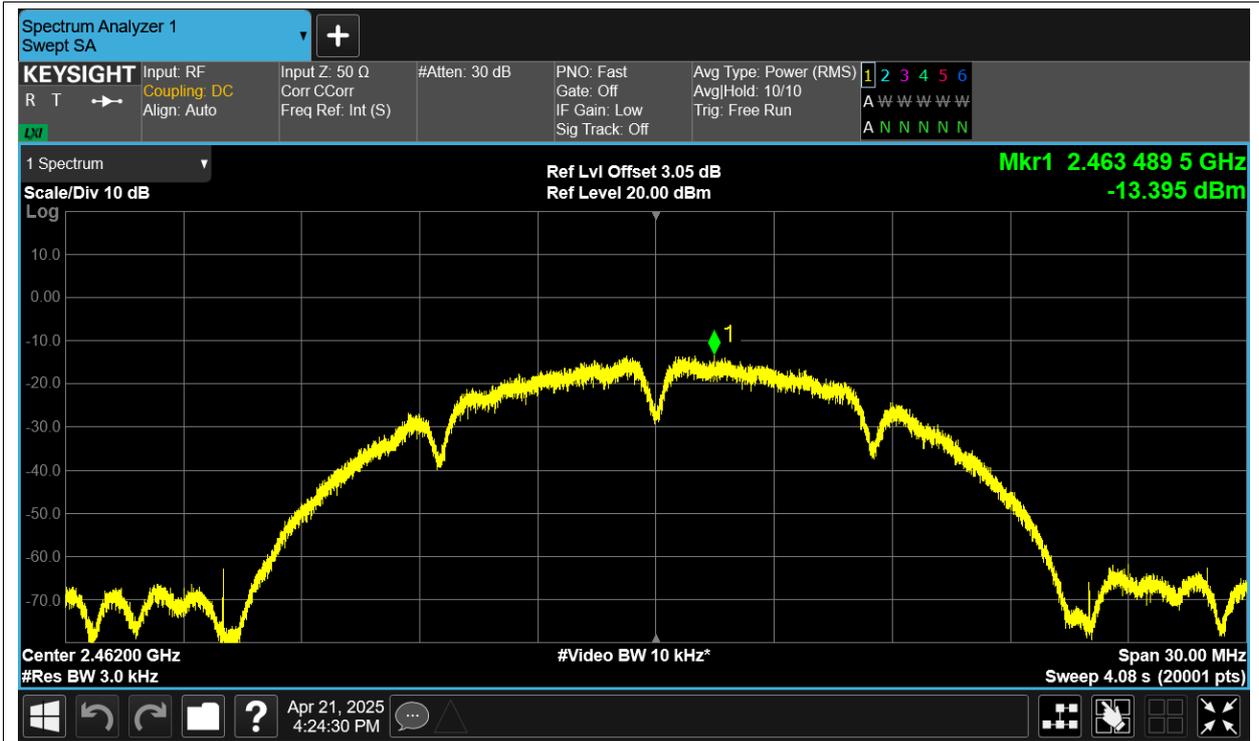
PSD NVNT b 2412MHz Ant3



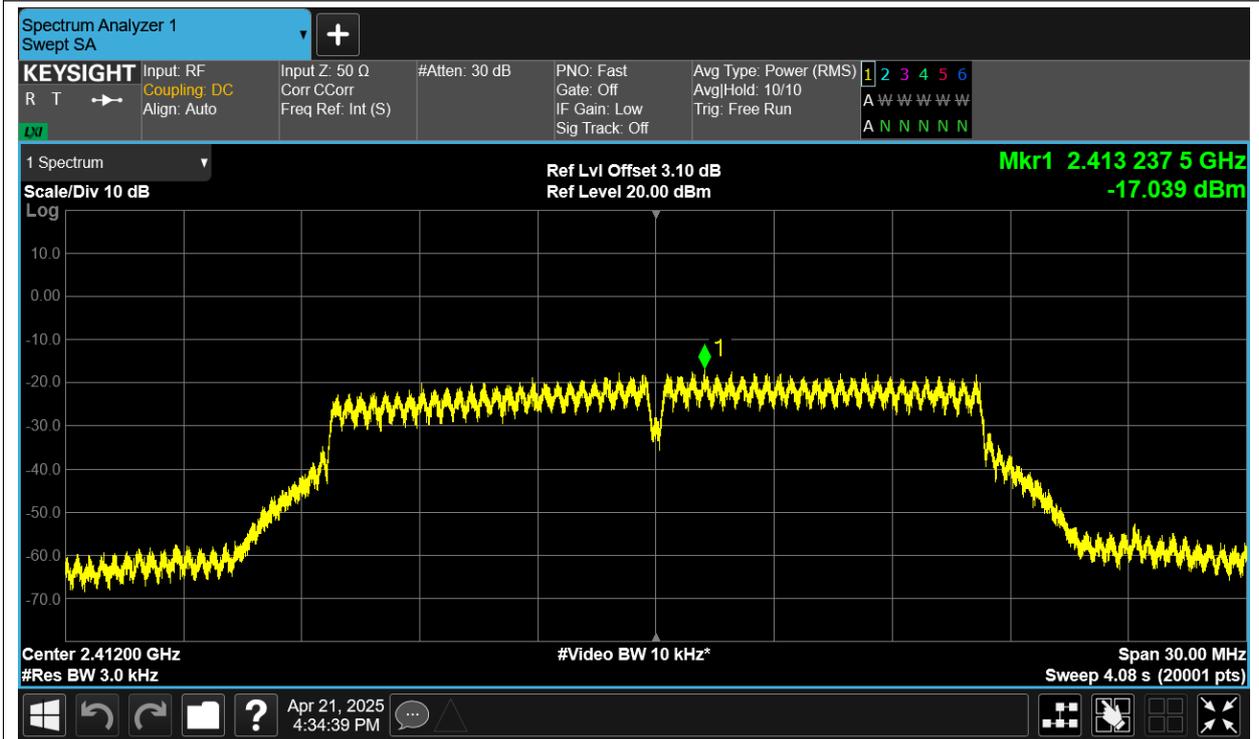
PSD NVNT b 2437MHz Ant3



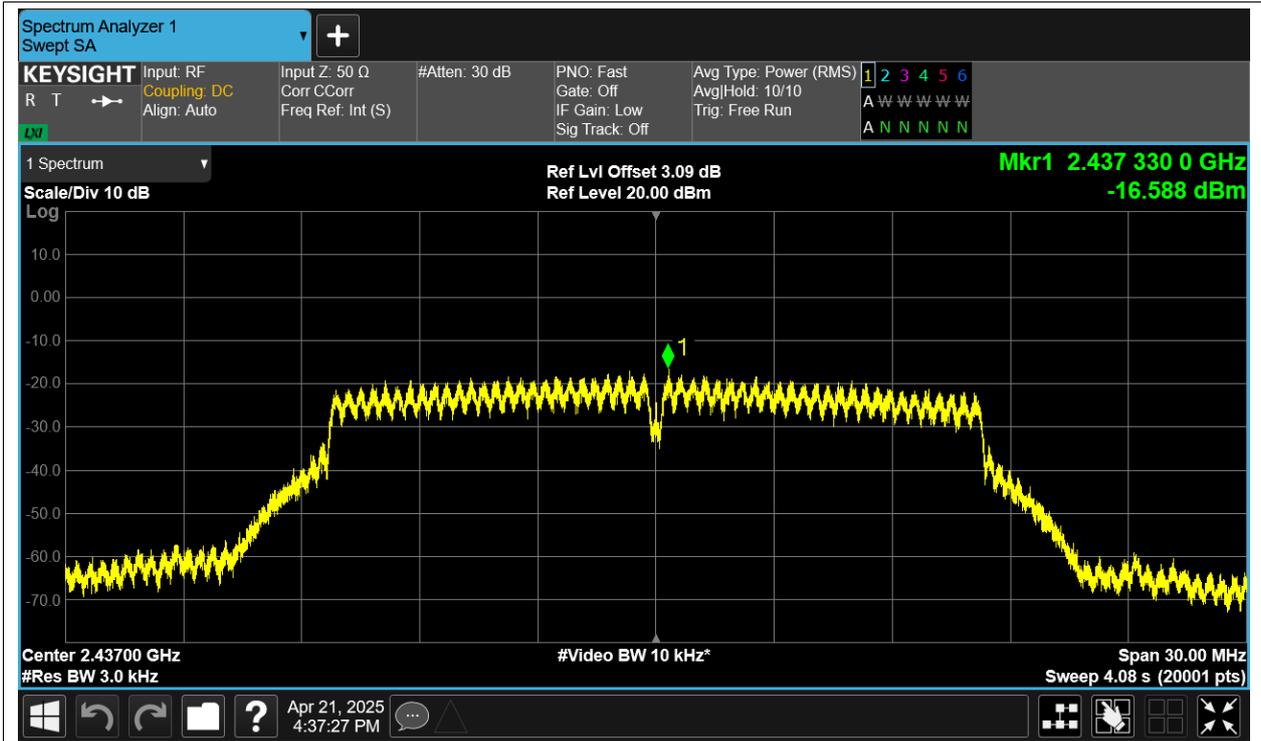
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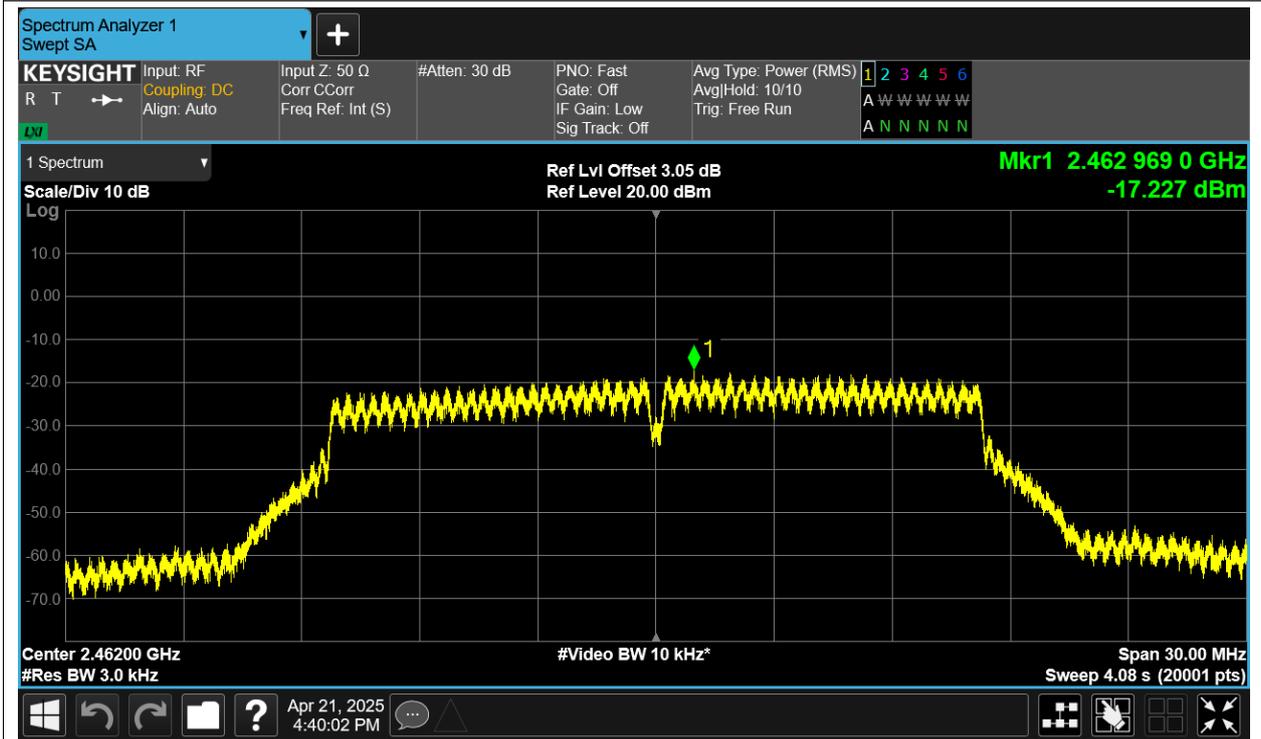
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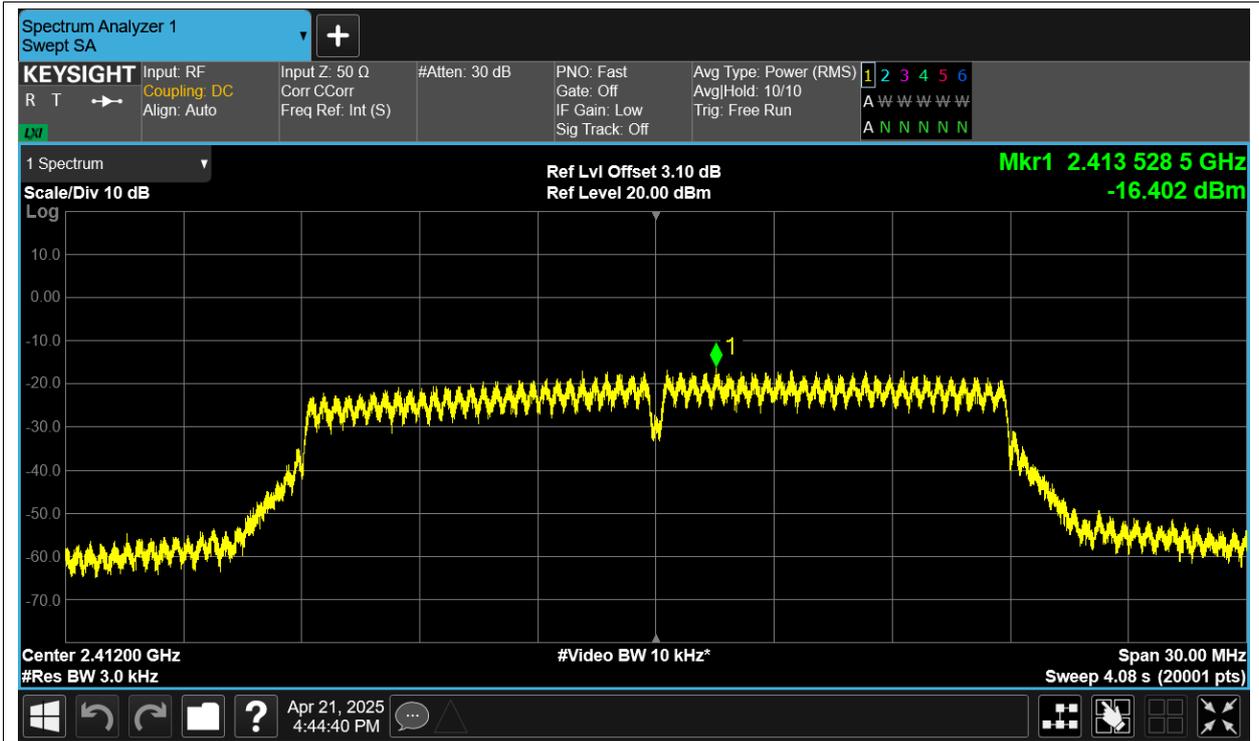
PSD NVNT g 2437MHz Ant3



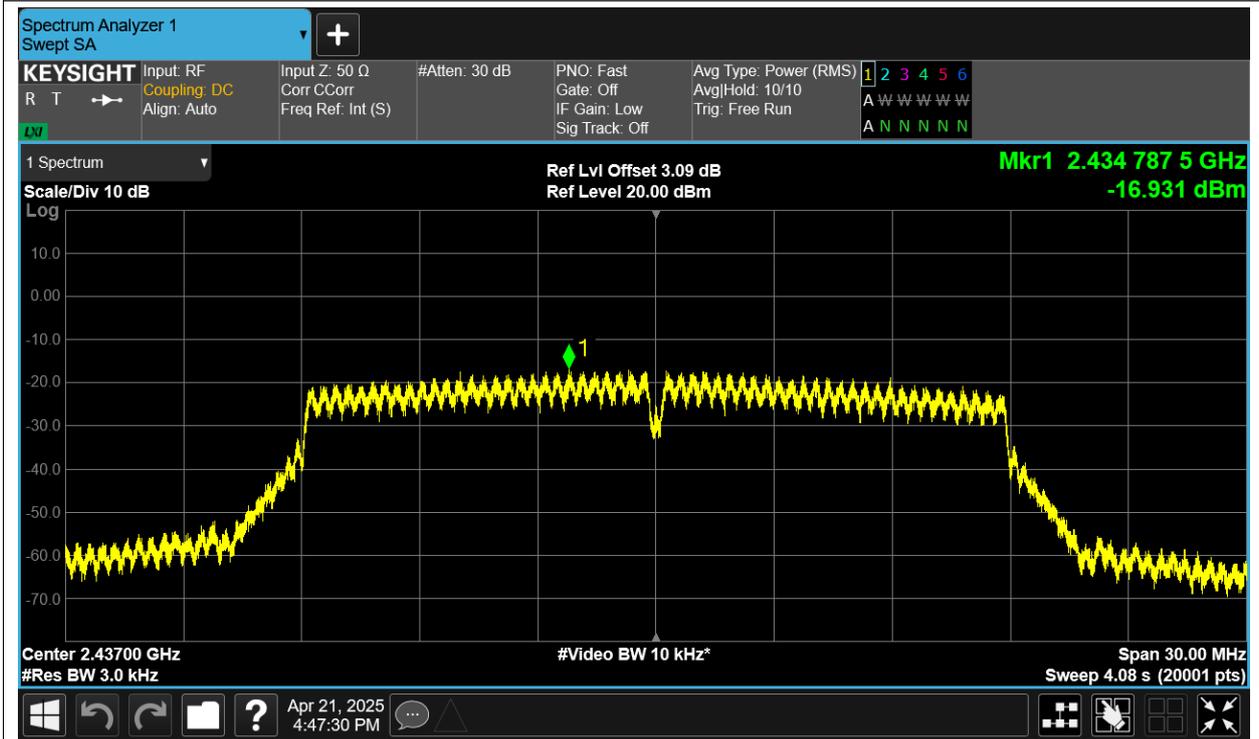
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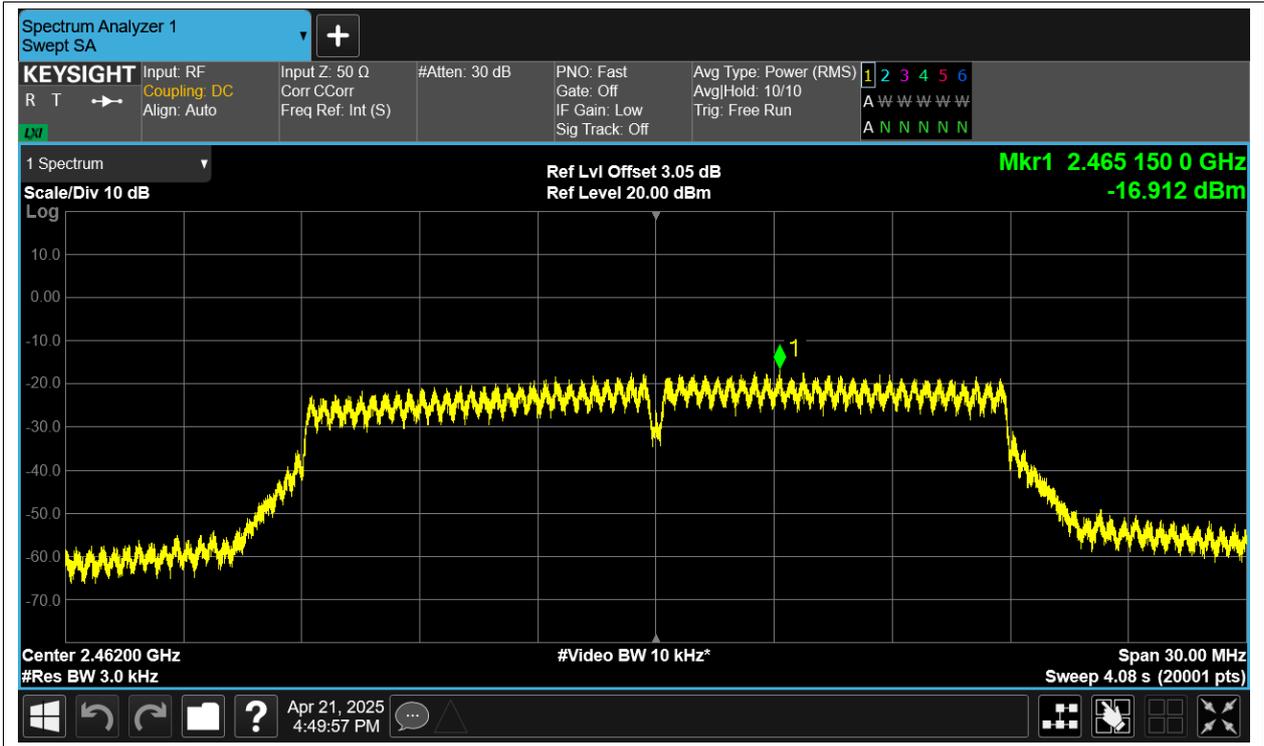
PSD NVNT n20 2412MHz Ant3



PSD NVNT n20 2437MHz Ant3



PSD NVNT n20 2462MHz Ant3

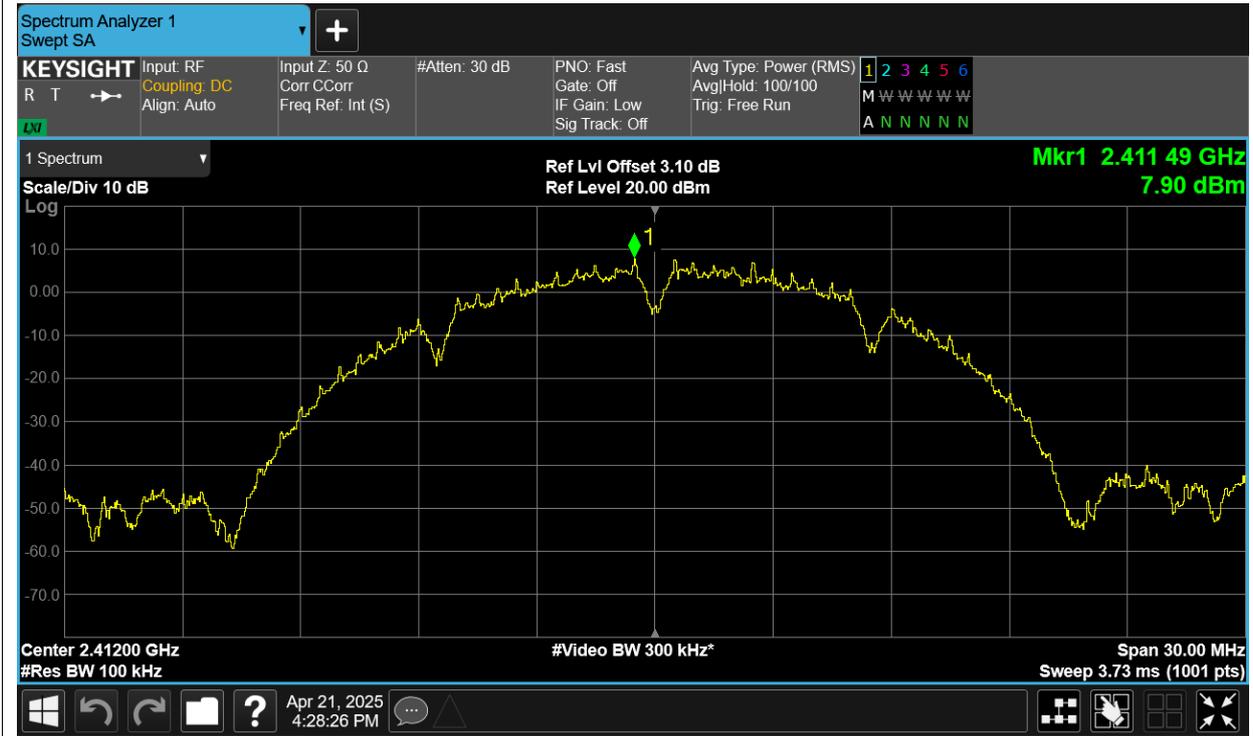


**Band Edge**

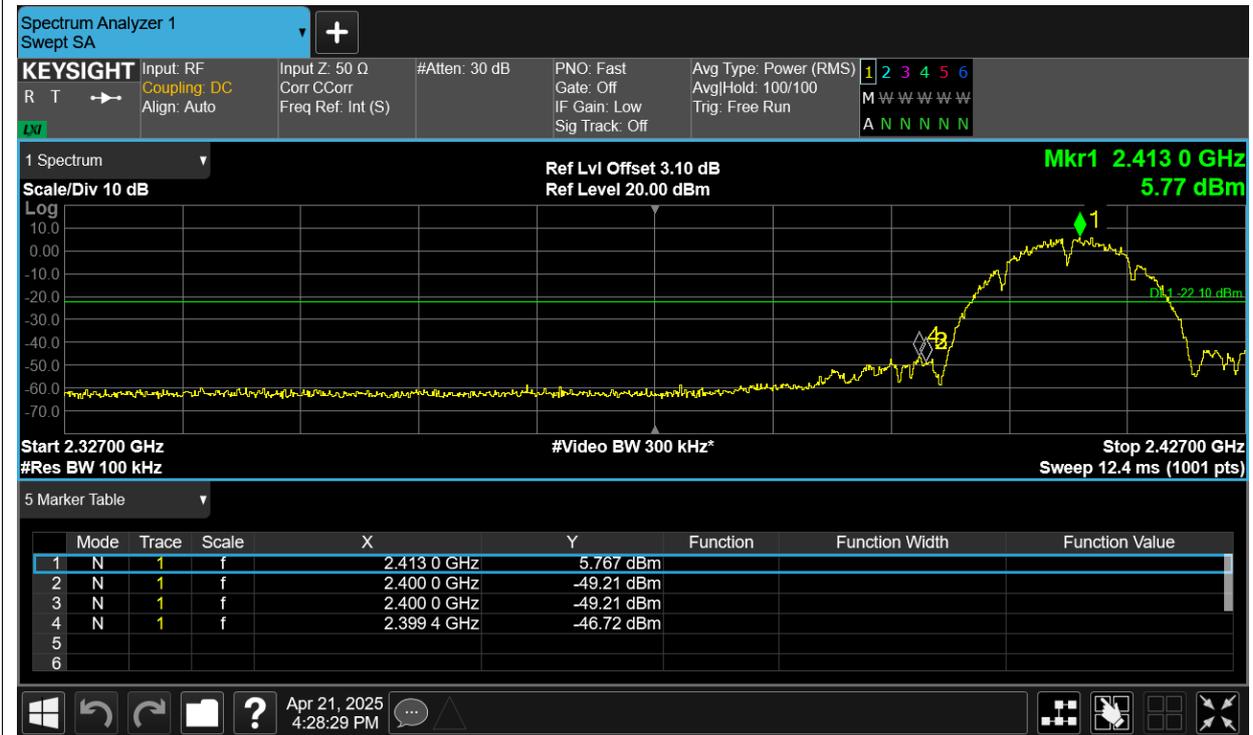
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant3	-54.62	-30	Pass
NVNT	b	2462	Ant3	-63.17	-30	Pass
NVNT	g	2412	Ant3	-36.29	-30	Pass
NVNT	g	2462	Ant3	-51.15	-30	Pass
NVNT	n20	2412	Ant3	-34.77	-30	Pass
NVNT	n20	2462	Ant3	-47.54	-30	Pass

Test Graphs

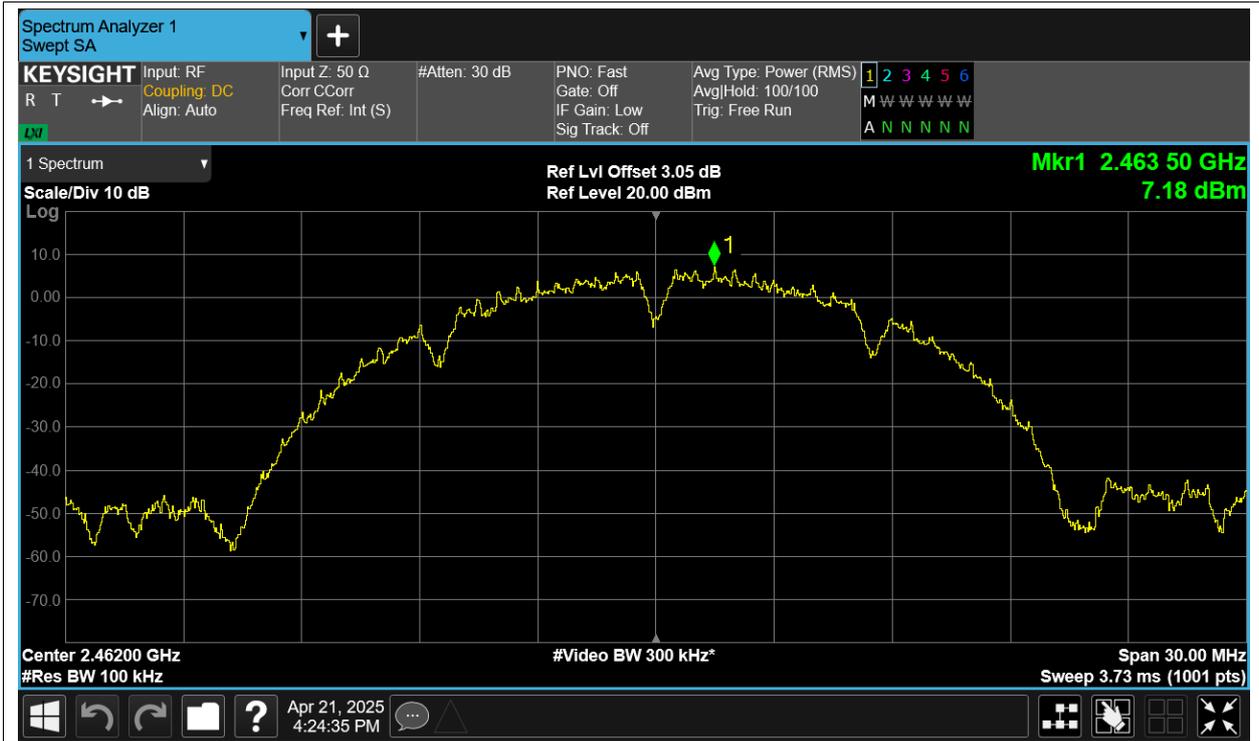
Band Edge NVNT b 2412MHz Ant3 Ref



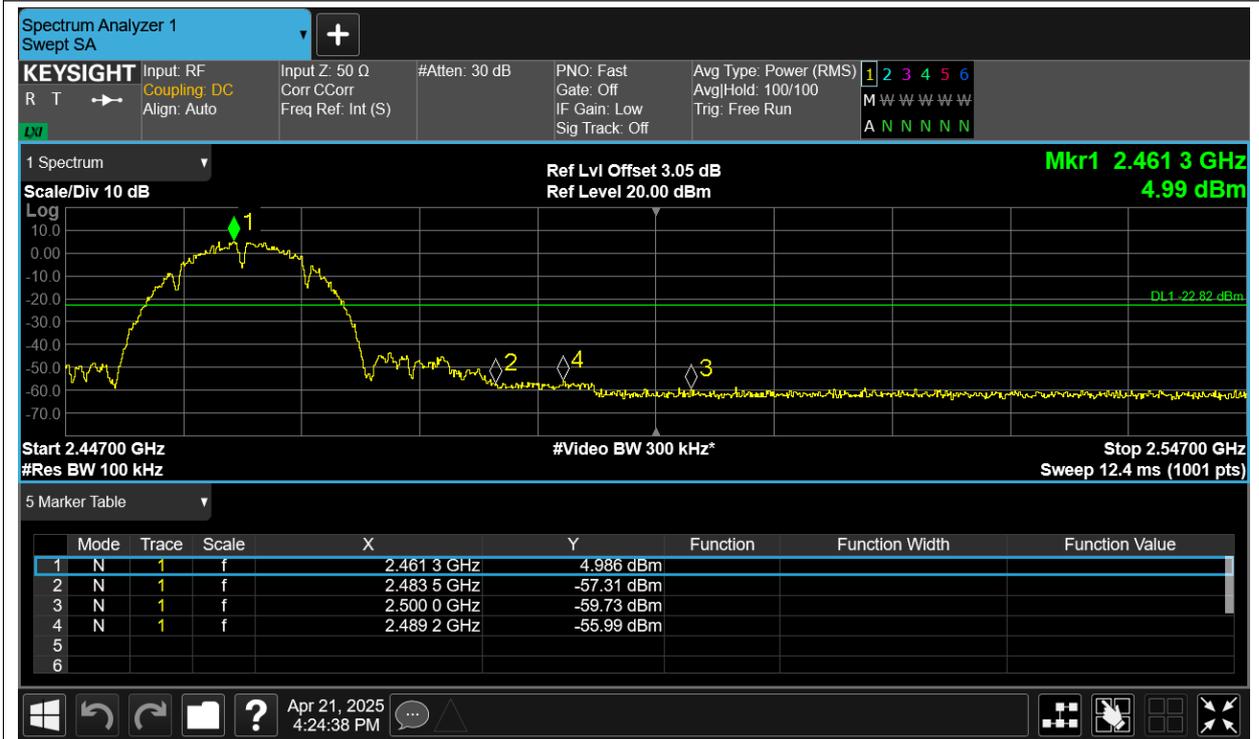
Band Edge NVNT b 2412MHz Ant3 Emission



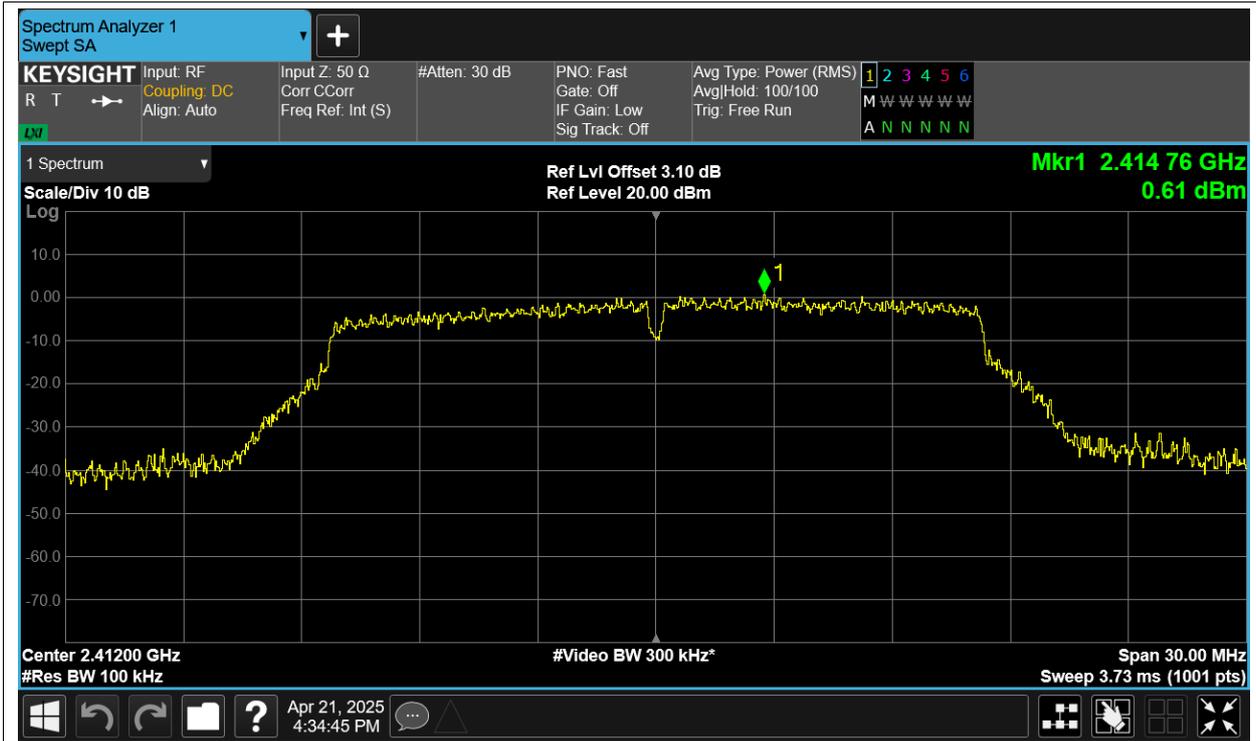
Band Edge NVNT b 2462MHz Ant3 Ref



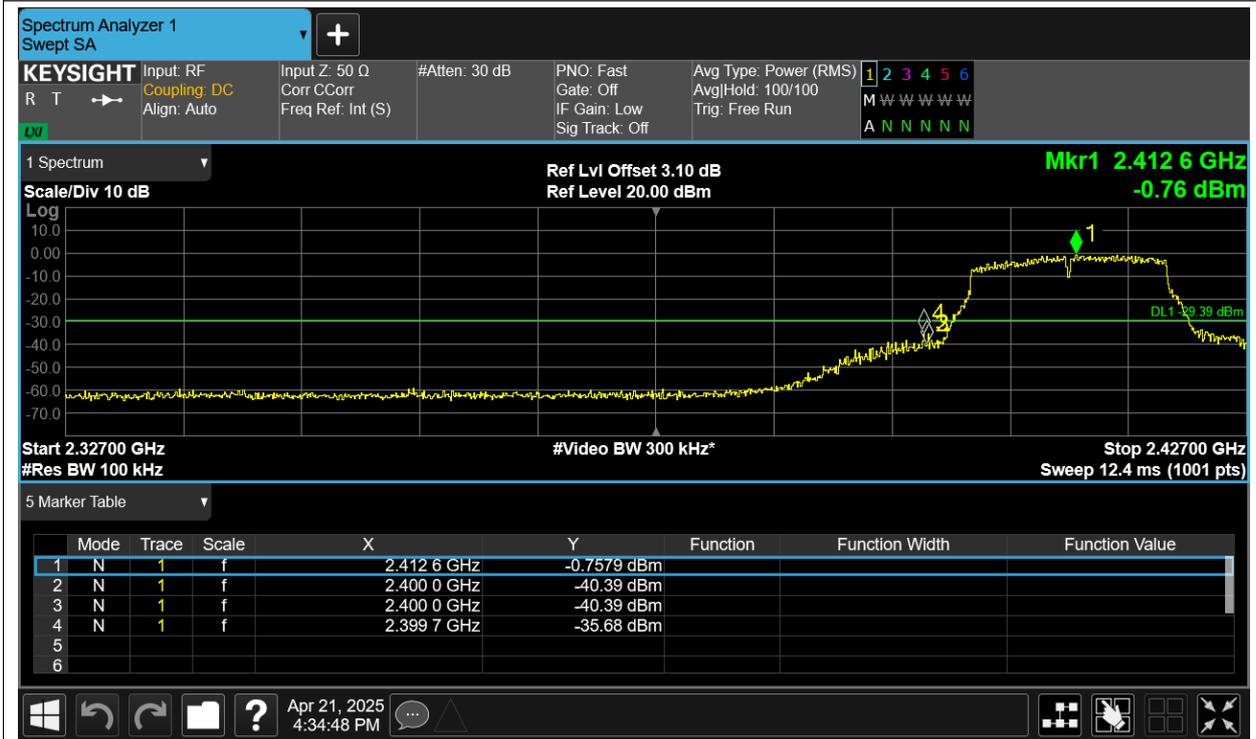
Band Edge NVNT b 2462MHz Ant3 Emission



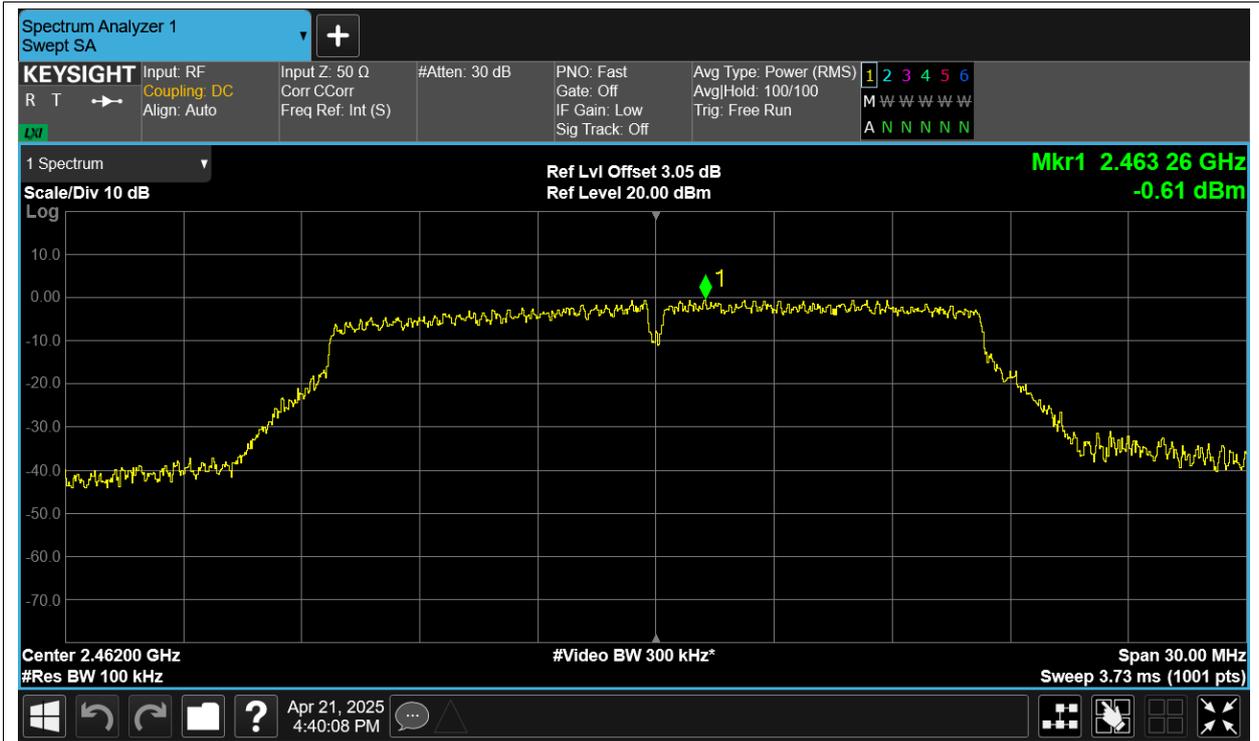
Band Edge NVNT g 2412MHz Ant3 Ref



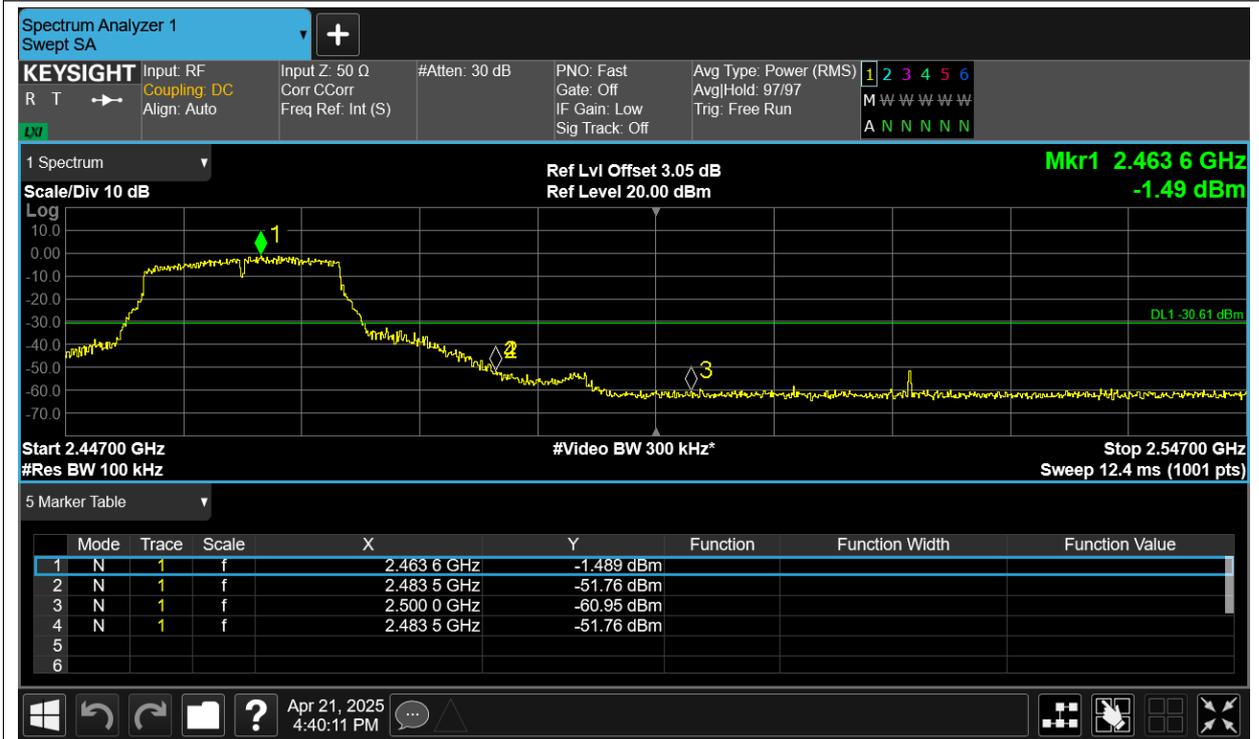
Band Edge NVNT g 2412MHz Ant3 Emission



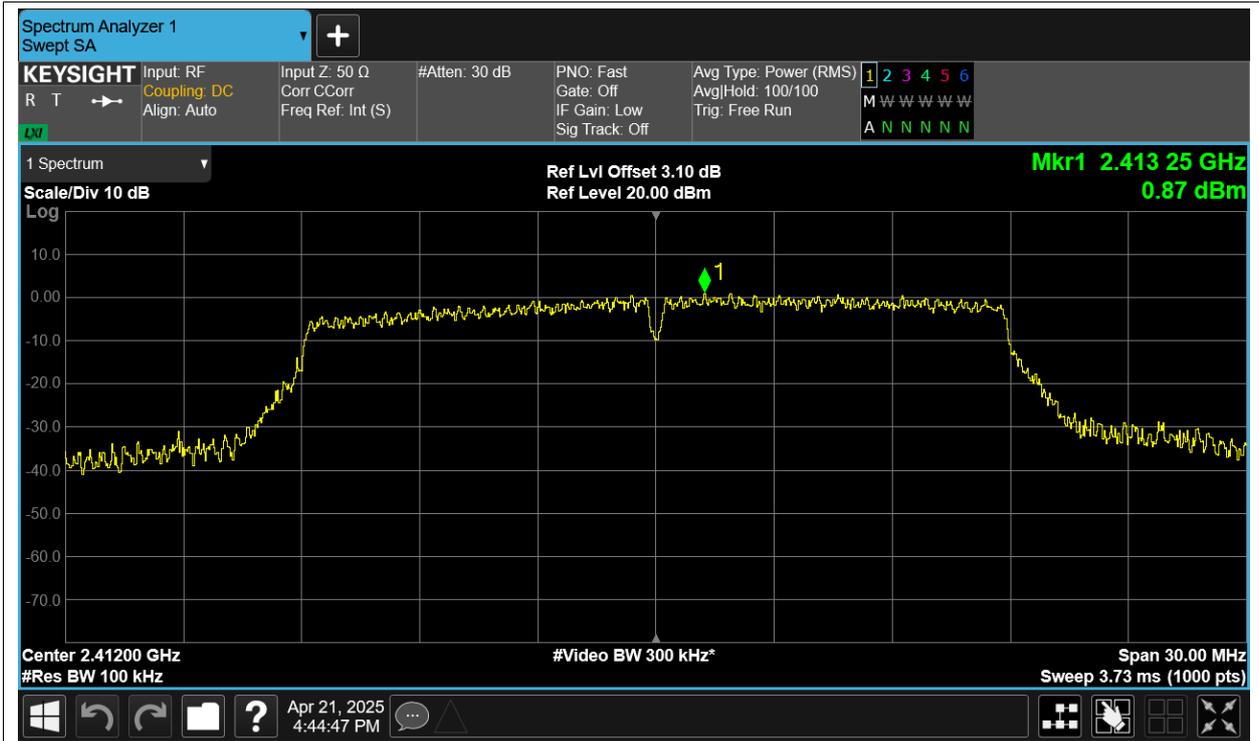
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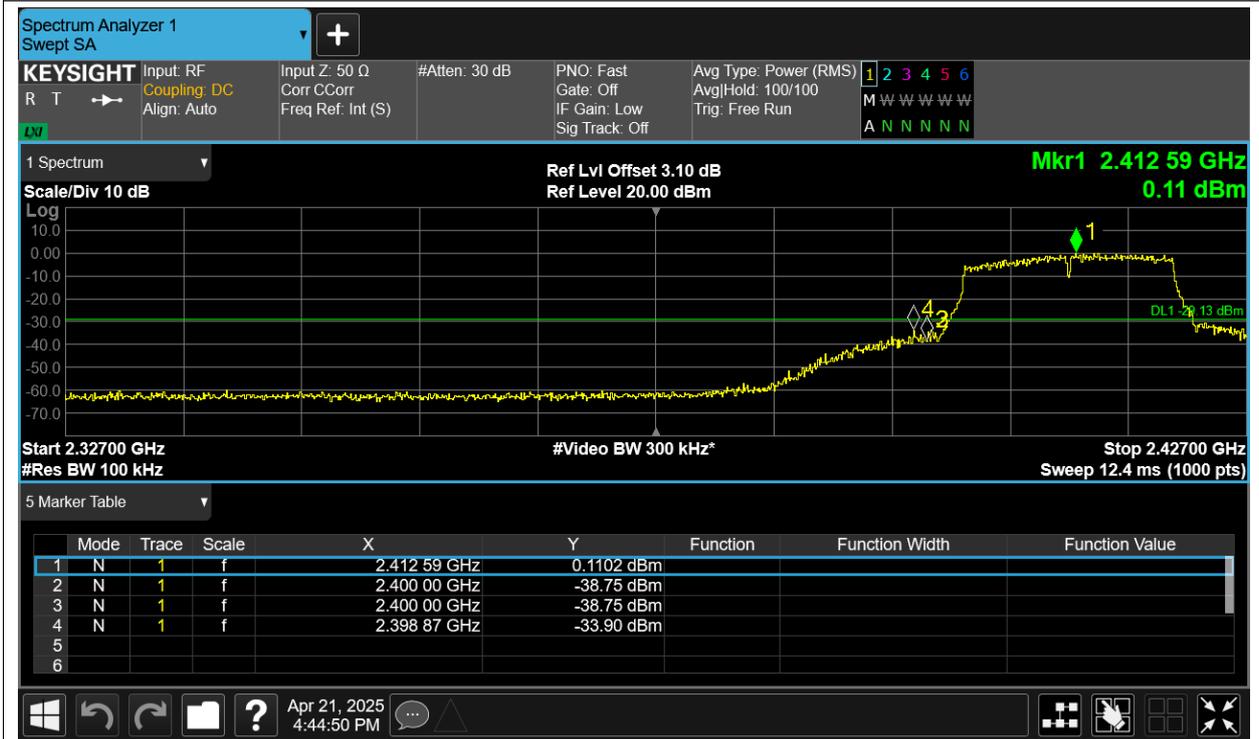
Band Edge NVNT g 2462MHz Ant3 Emission



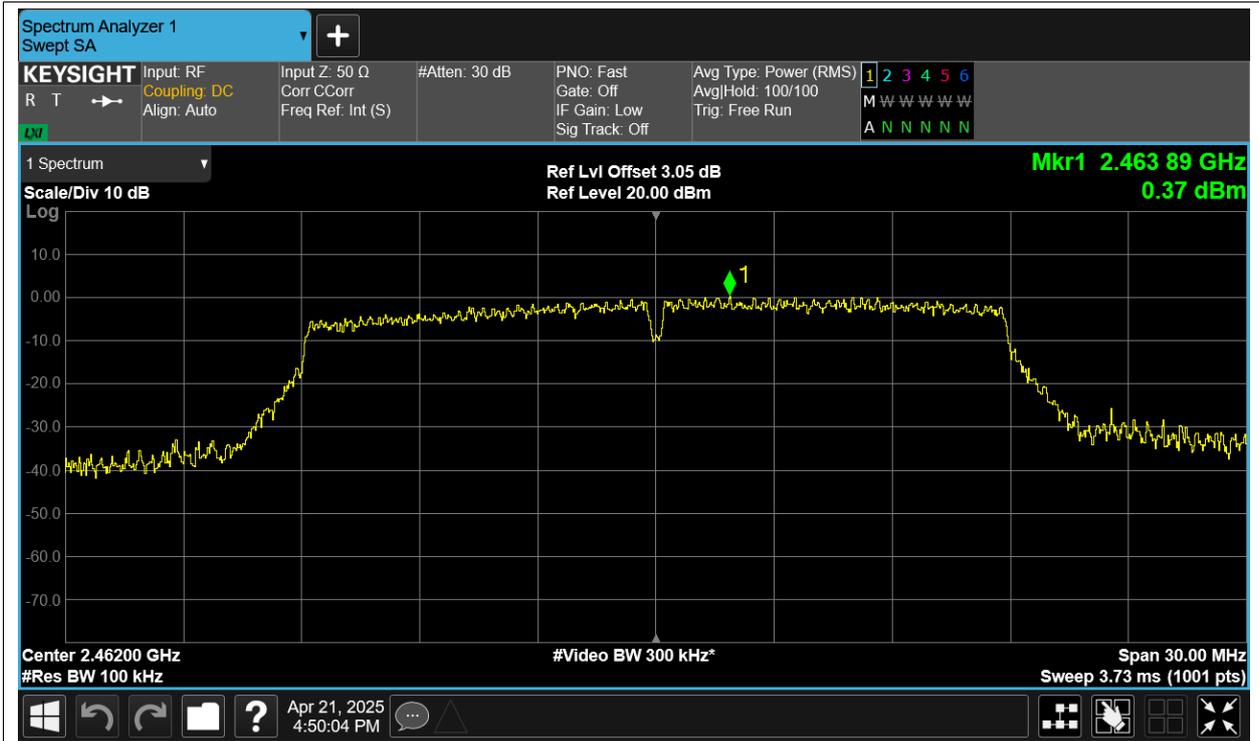
Band Edge NVNT n20 2412MHz Ant3 Ref



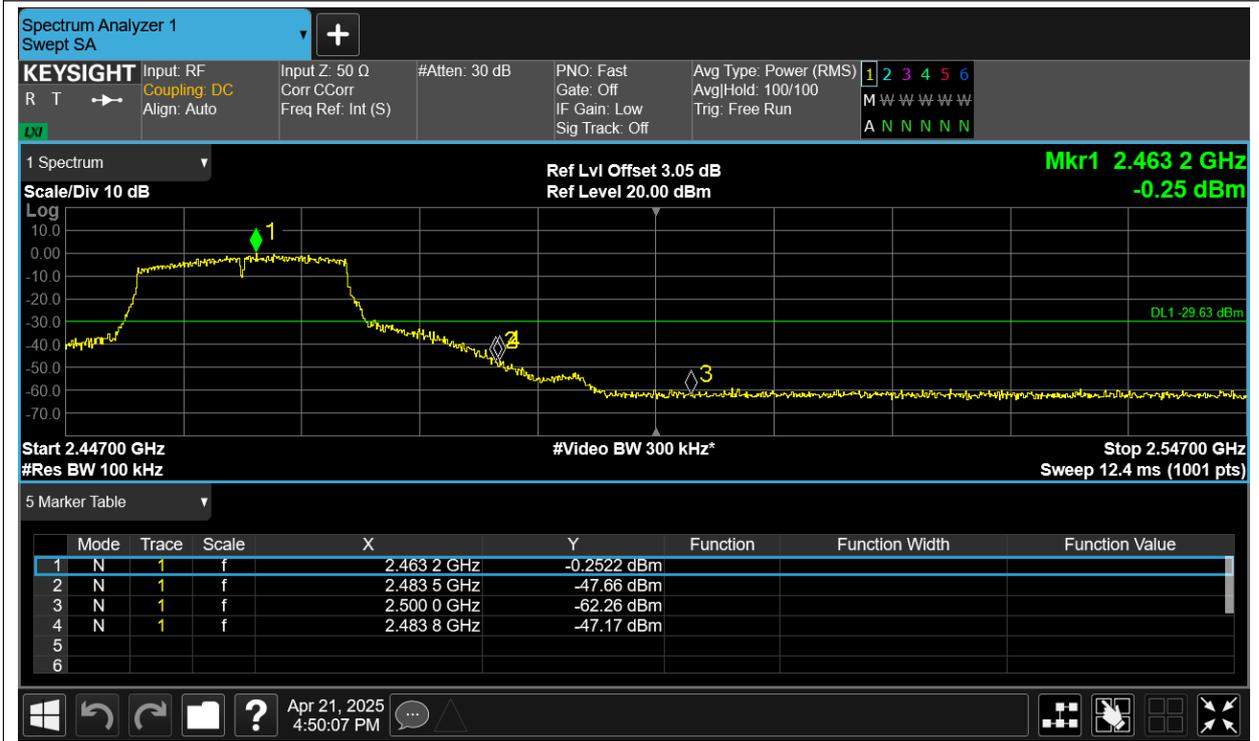
Band Edge NVNT n20 2412MHz Ant3 Emission



Band Edge NVNT n20 2462MHz Ant3 Ref



Band Edge NVNT n20 2462MHz Ant3 Emission

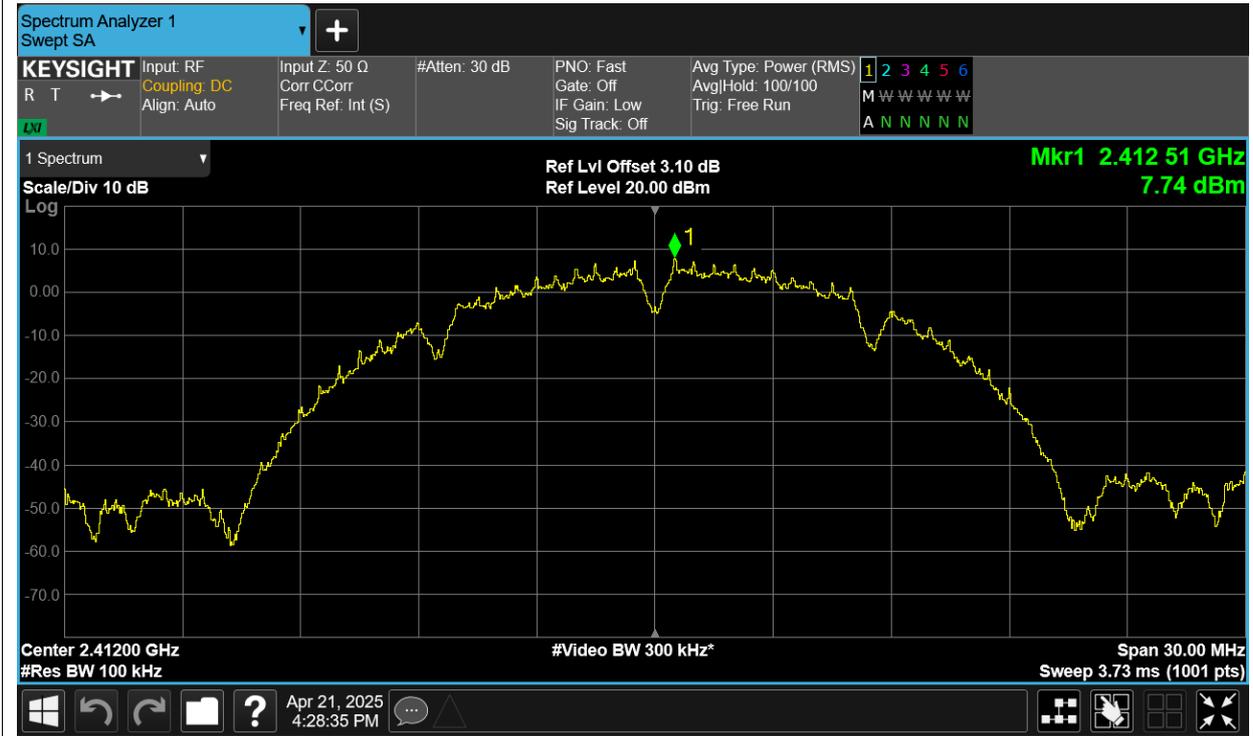


## Conducted RF Spurious Emission

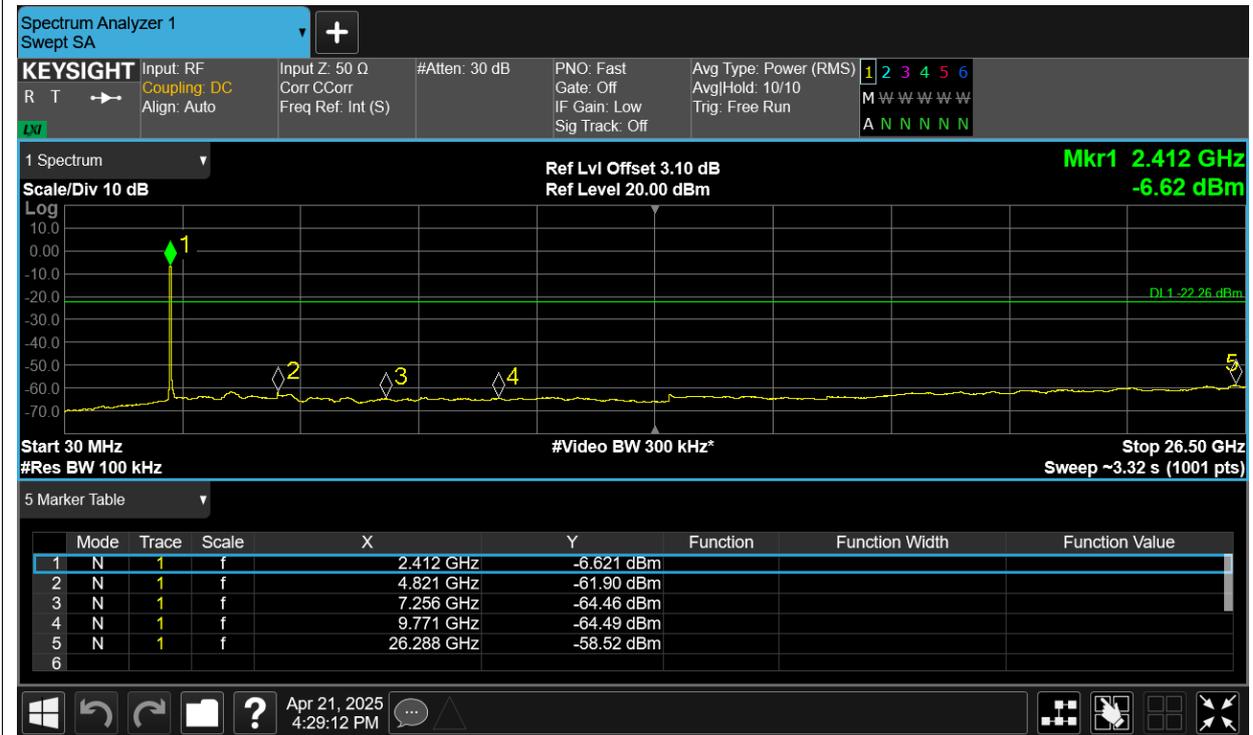
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant3	-66.26	-30	Pass
NVNT	b	2437	Ant3	-66.62	-30	Pass
NVNT	b	2462	Ant3	-65.85	-30	Pass
NVNT	g	2412	Ant3	-59.1	-30	Pass
NVNT	g	2437	Ant3	-58.68	-30	Pass
NVNT	g	2462	Ant3	-58.78	-30	Pass
NVNT	n20	2412	Ant3	-60.17	-30	Pass
NVNT	n20	2437	Ant3	-59.6	-30	Pass
NVNT	n20	2462	Ant3	-59.39	-30	Pass

Test Graphs

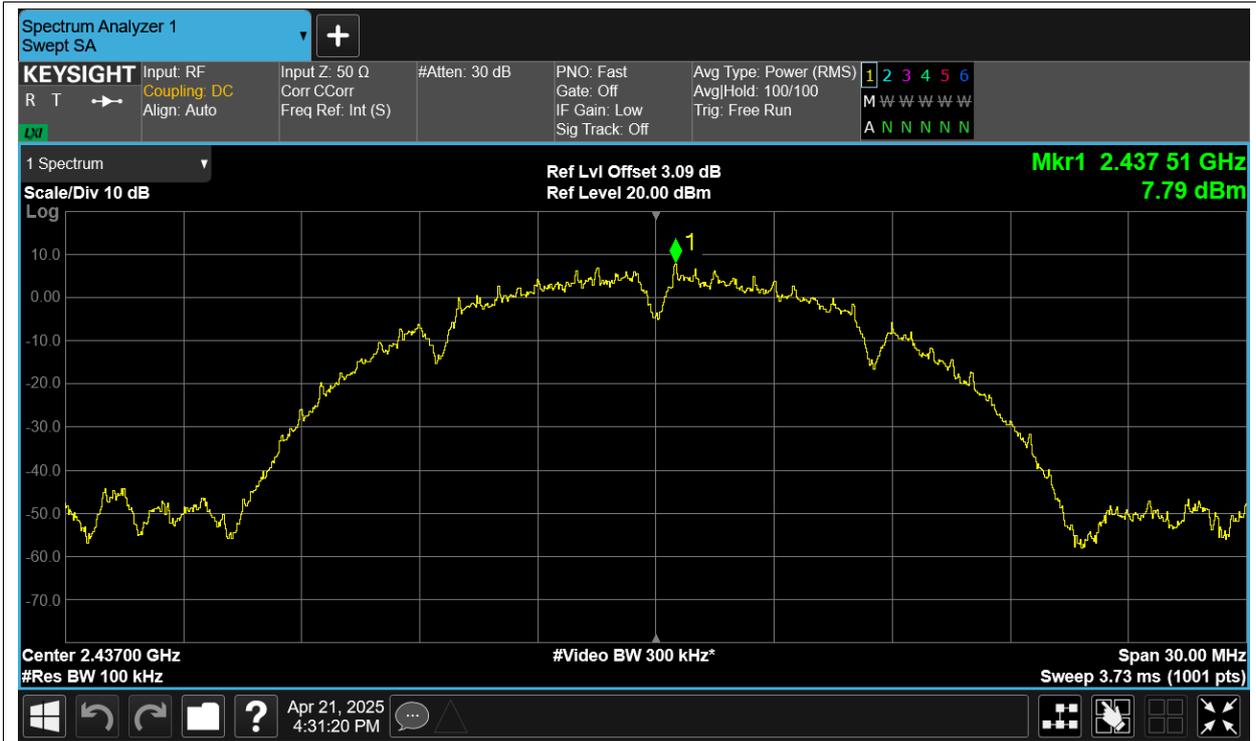
Tx. Spurious NVNT b 2412MHz Ant3 Ref



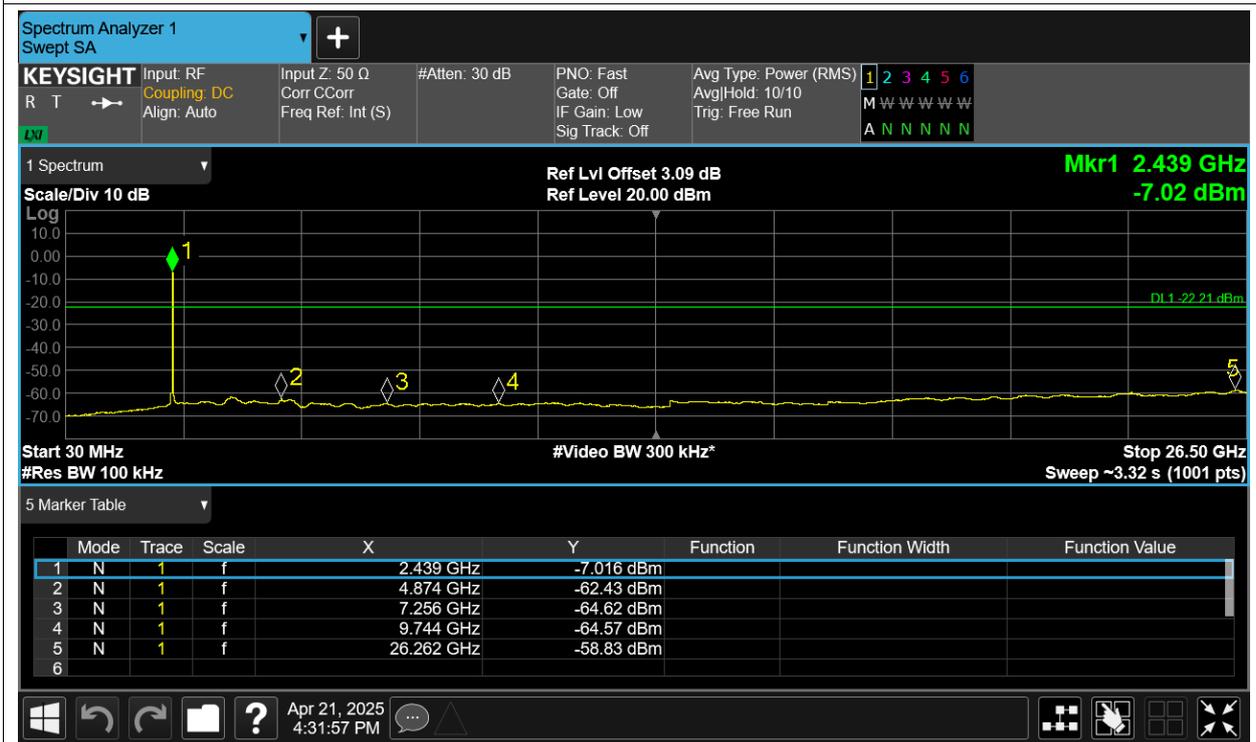
Tx. Spurious NVNT b 2412MHz Ant3 Emission



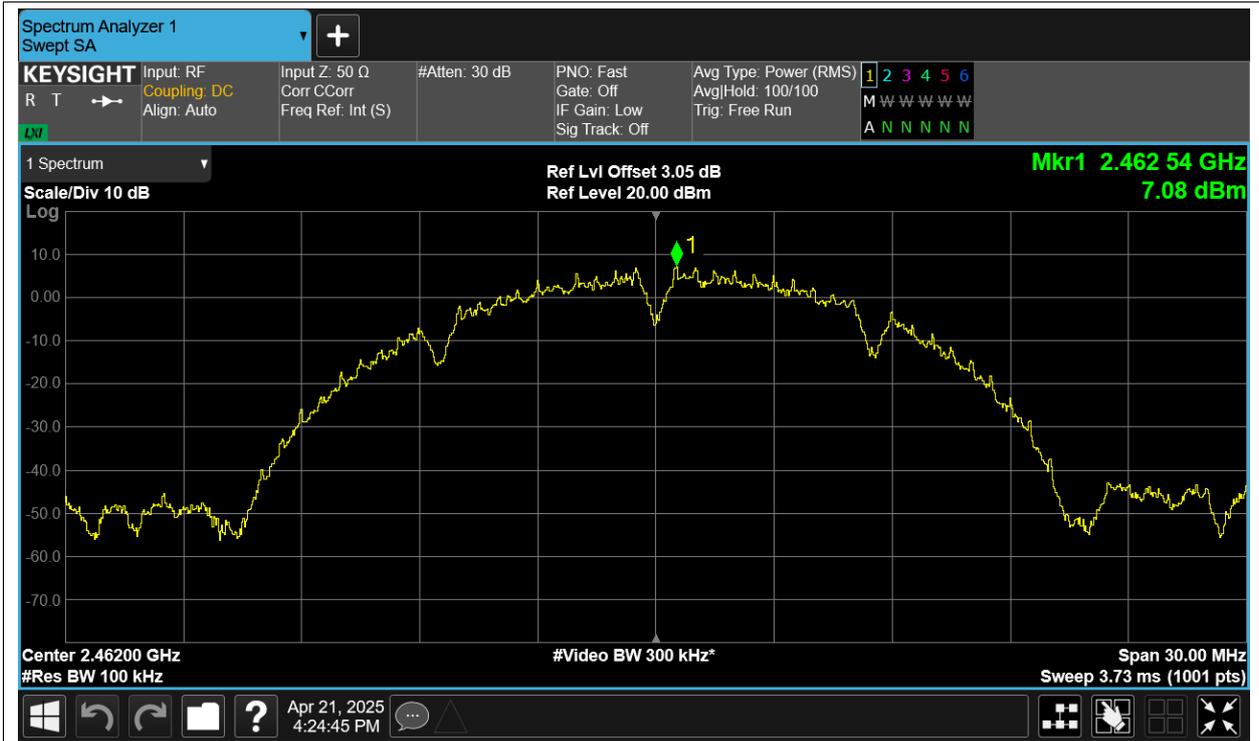
Tx. Spurious NVNT b 2437MHz Ant3 Ref



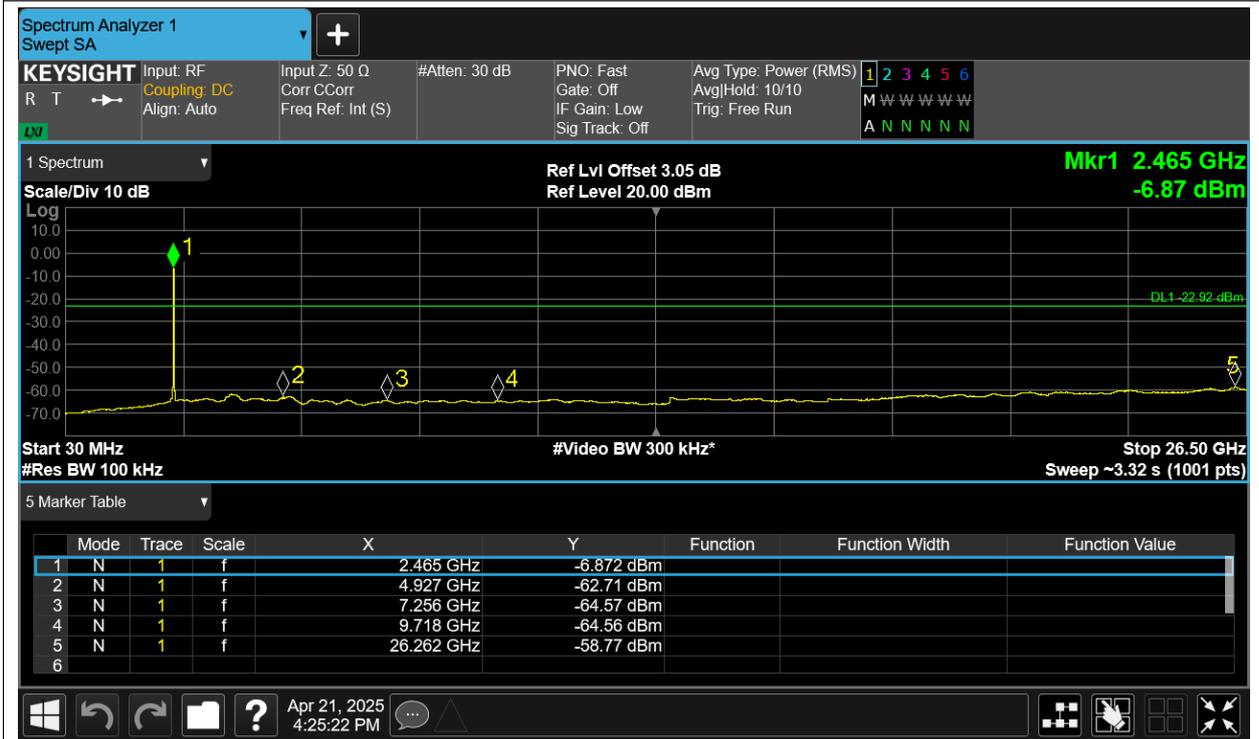
Tx. Spurious NVNT b 2437MHz Ant3 Emission



Tx. Spurious NVNT b 2462MHz Ant3 Ref



Tx. Spurious NVNT b 2462MHz Ant3 Emission



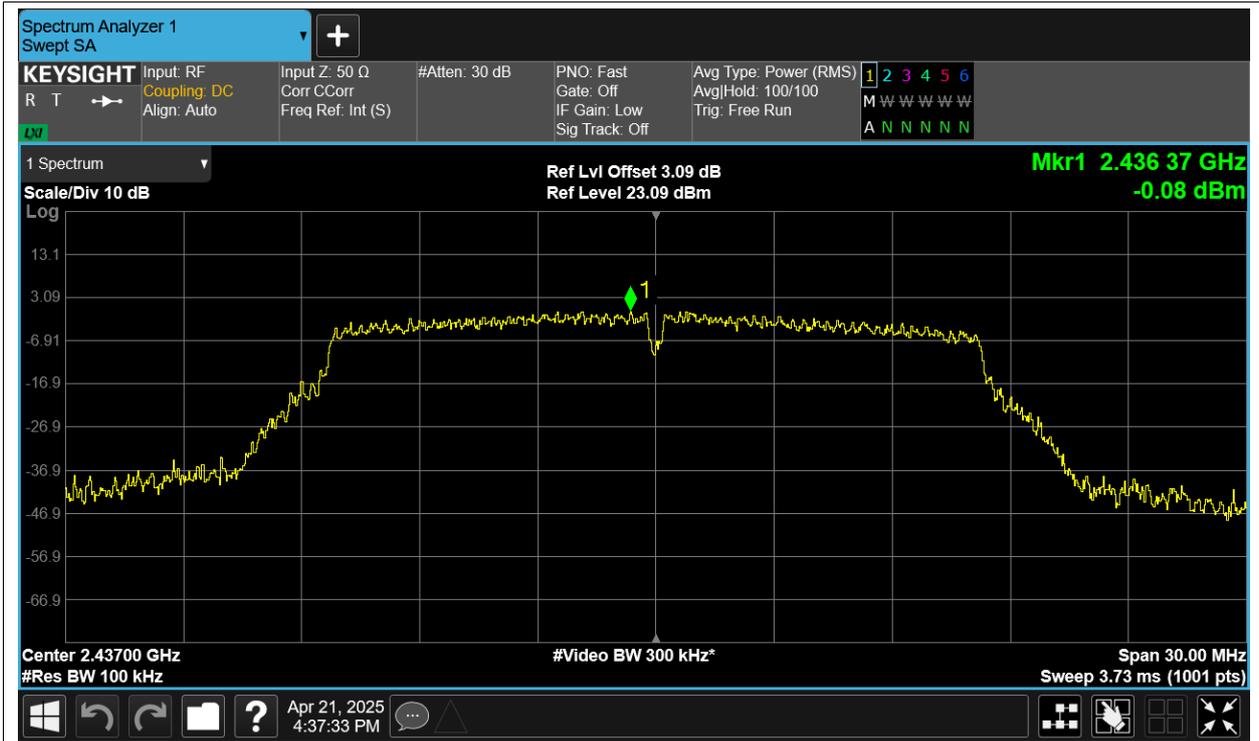
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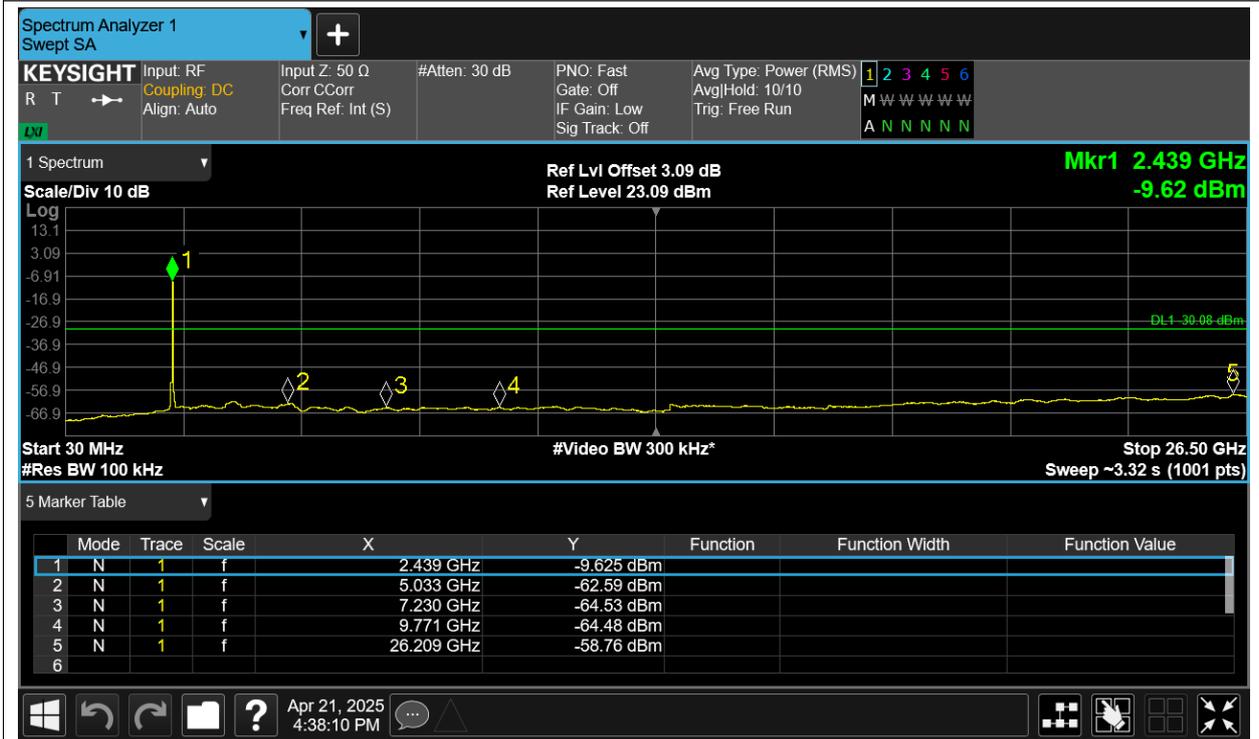
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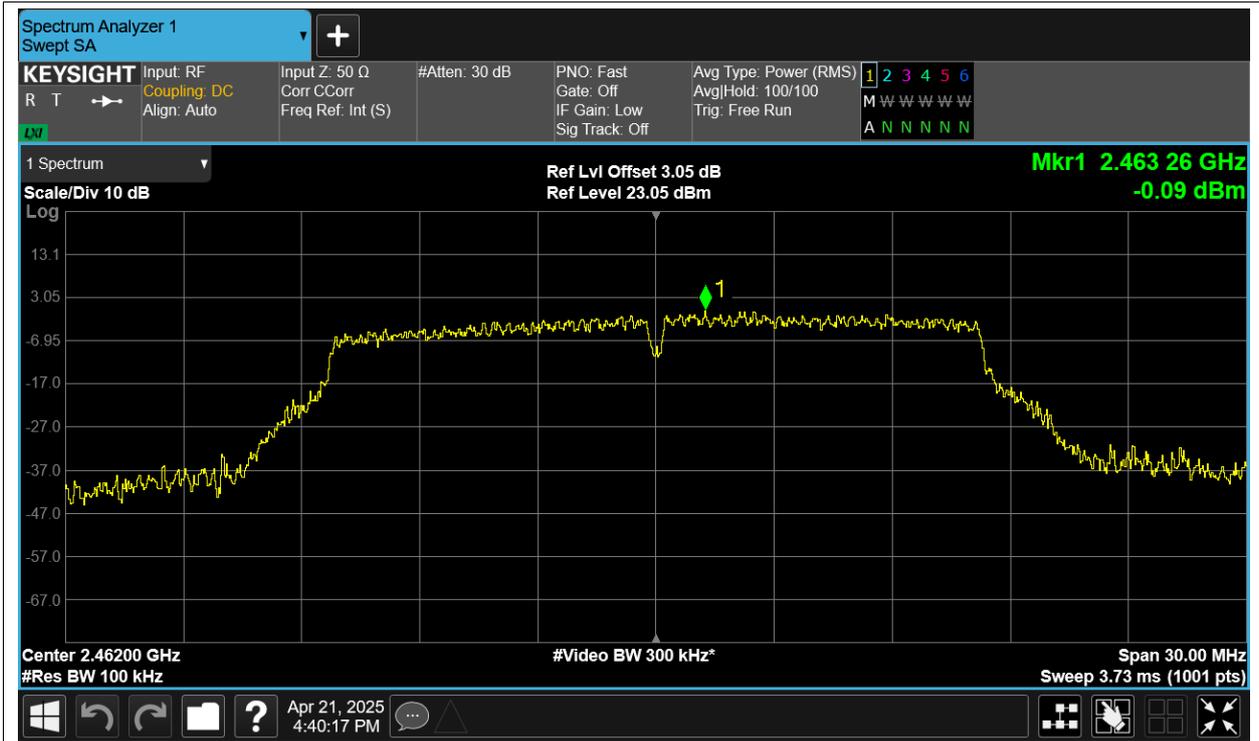
Tx. Spurious NVNT g 2437MHz Ant3 Ref



Tx. Spurious NVNT g 2437MHz Ant3 Emission



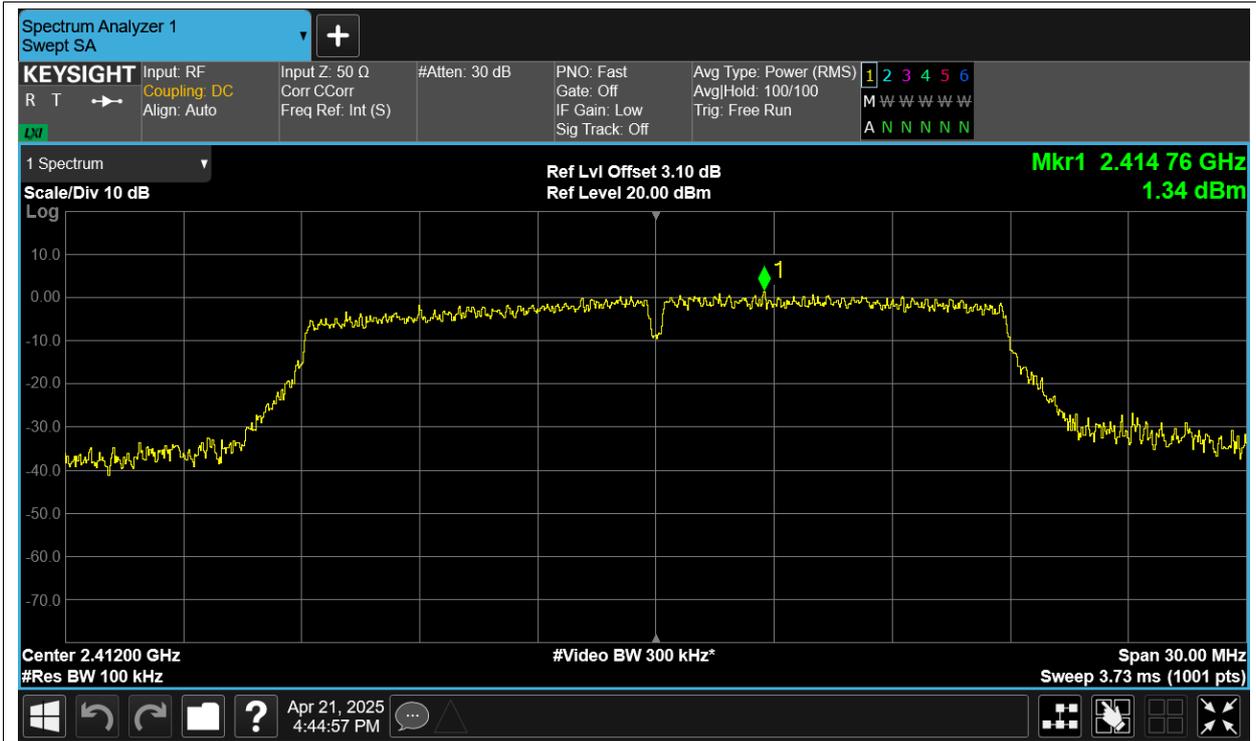
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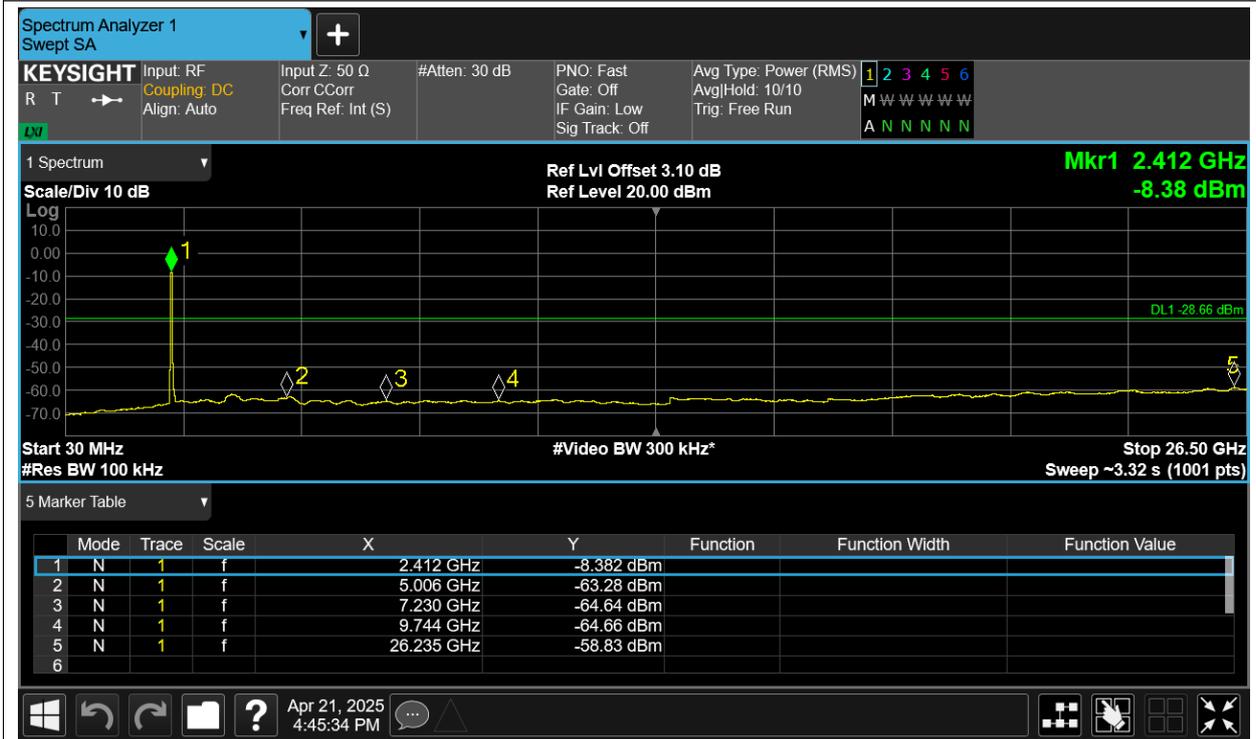
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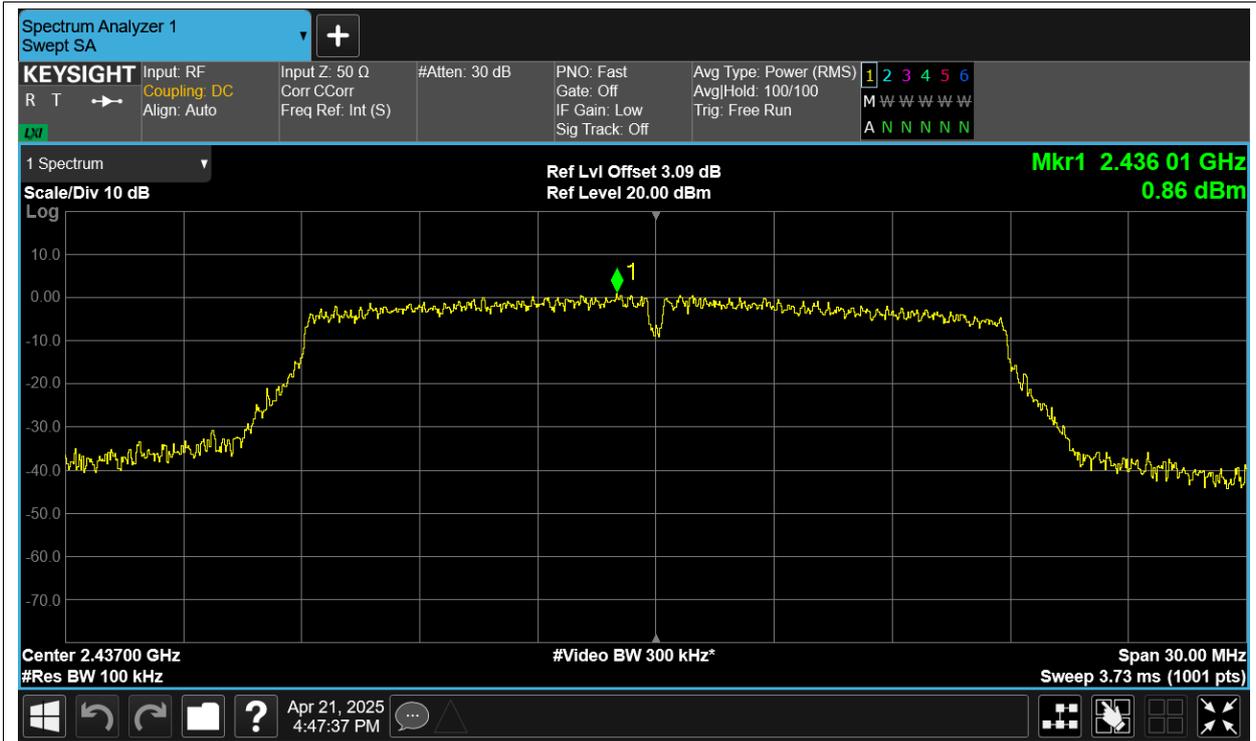
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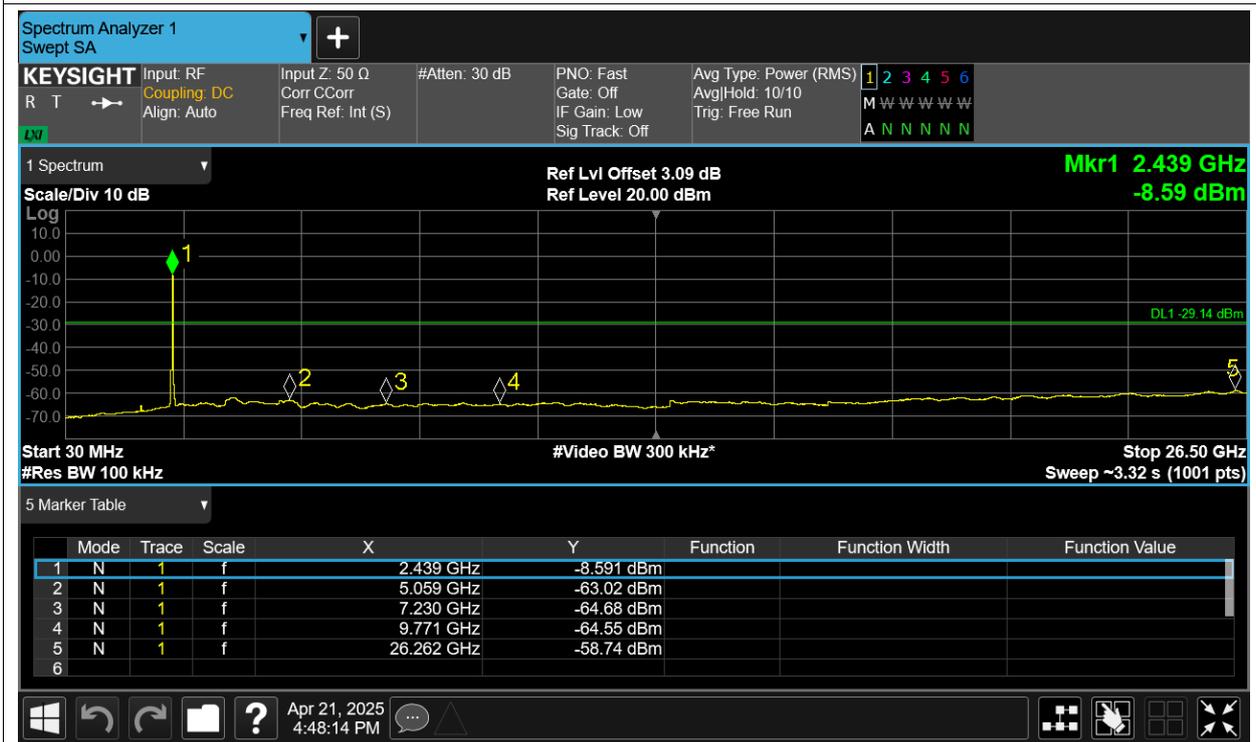
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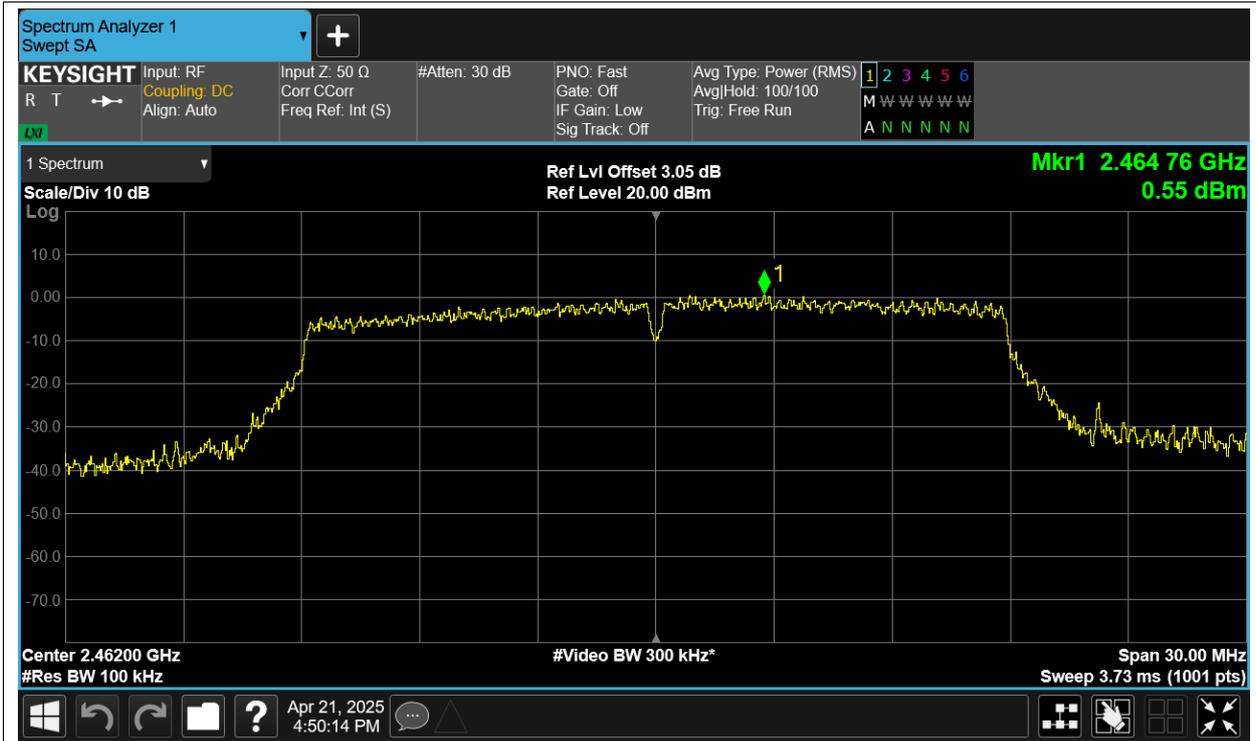
Tx. Spurious NVNT n20 2437MHz Ant3 Ref



Tx. Spurious NVNT n20 2437MHz Ant3 Emission



Tx. Spurious NVNT n20 2462MHz Ant3 Ref



Tx. Spurious NVNT n20 2462MHz Ant3 Emission

