

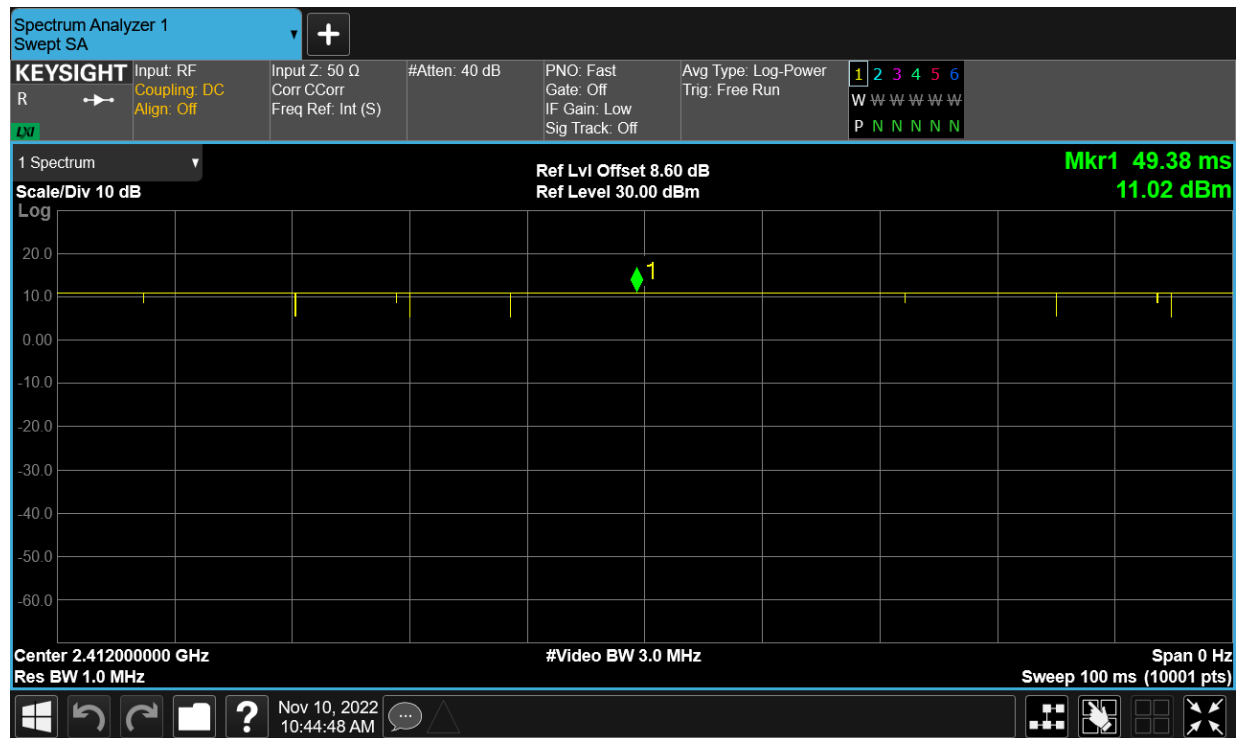
Test Data

Duty Cycle

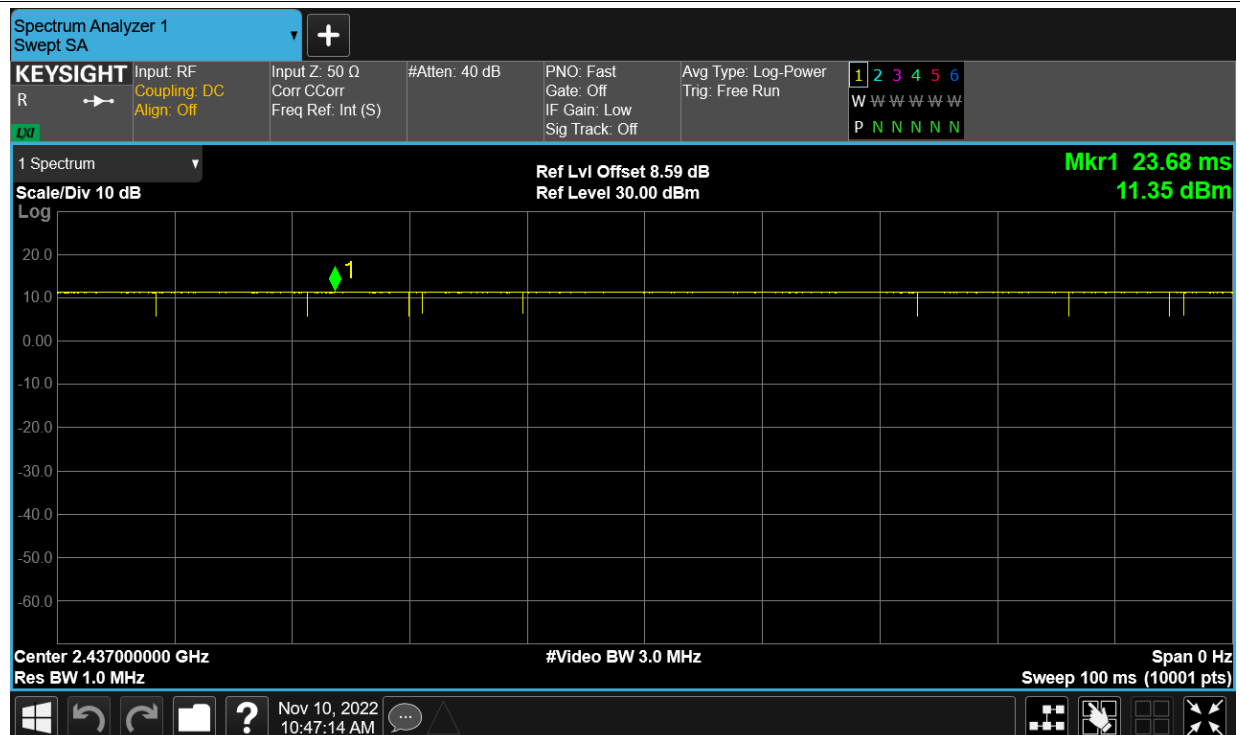
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant3	100	0
NVNT	b	2437	Ant3	100	0
NVNT	b	2462	Ant3	100	0
NVNT	g	2412	Ant3	100	0
NVNT	g	2437	Ant3	100	0
NVNT	g	2462	Ant3	100	0
NVNT	n20	2412	Ant3	100	0
NVNT	n20	2437	Ant3	100	0
NVNT	n20	2462	Ant3	100	0
NVNT	n40	2422	Ant3	100	0
NVNT	n40	2437	Ant3	100	0
NVNT	n40	2452	Ant3	100	0

Test Graphs

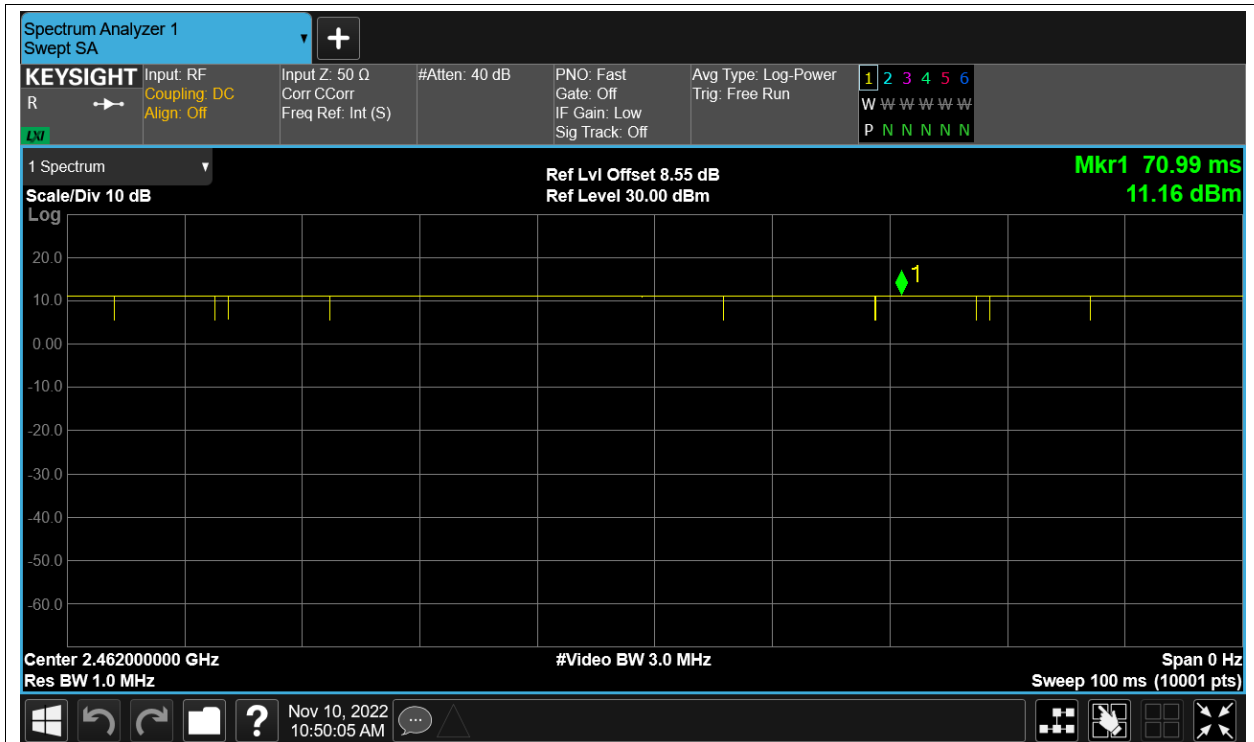
Duty Cycle NVNT b 2412MHz Ant3



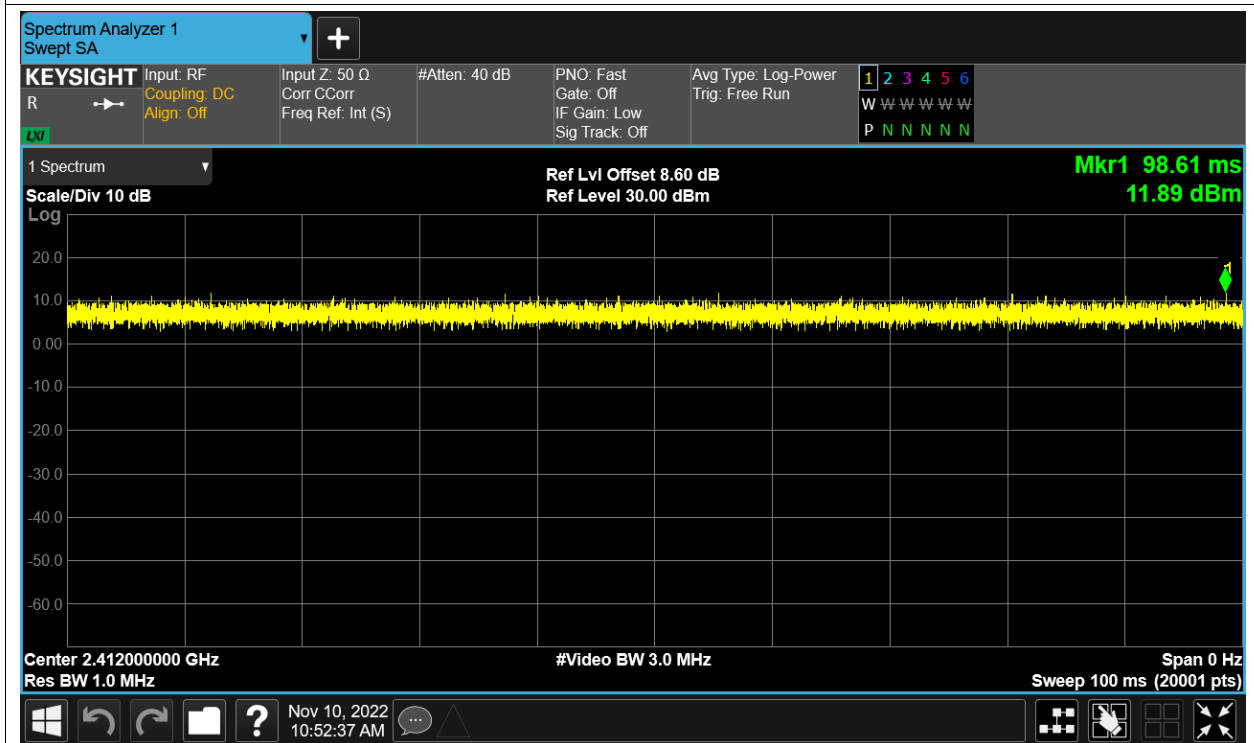
Duty Cycle NVNT b 2437MHz Ant3



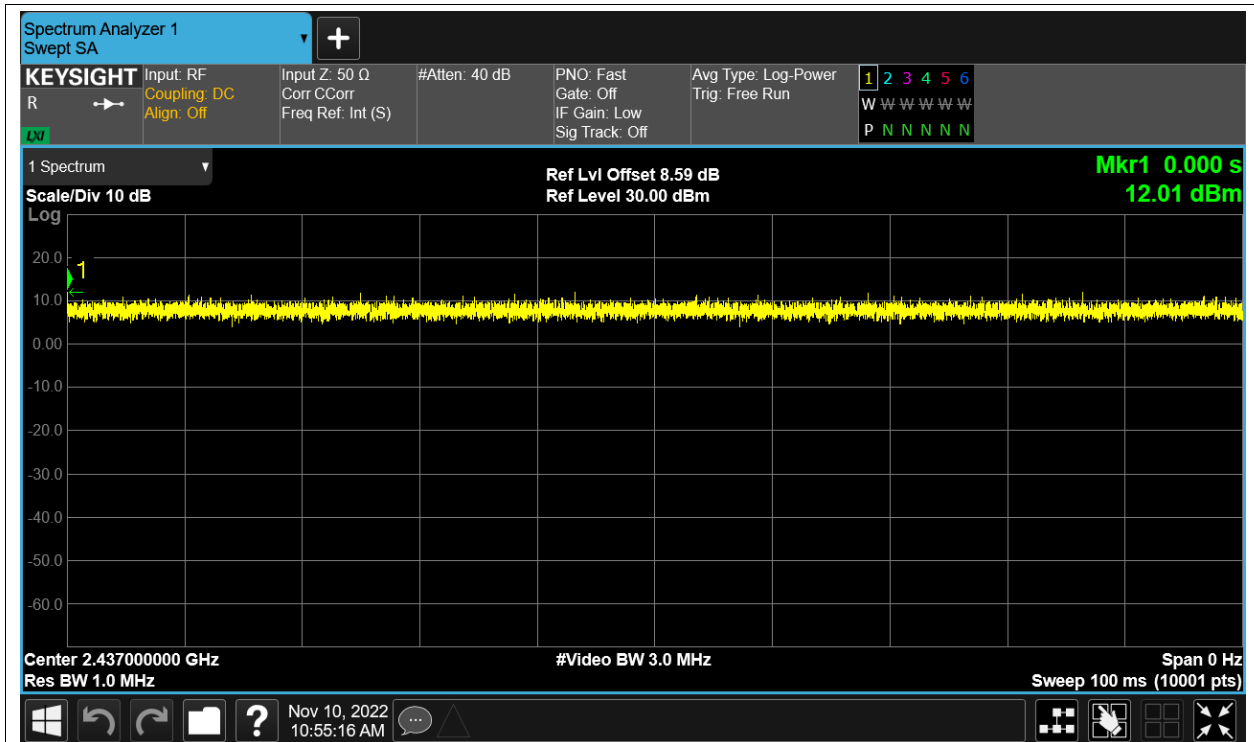
Duty Cycle NVNT b 2462MHz Ant3



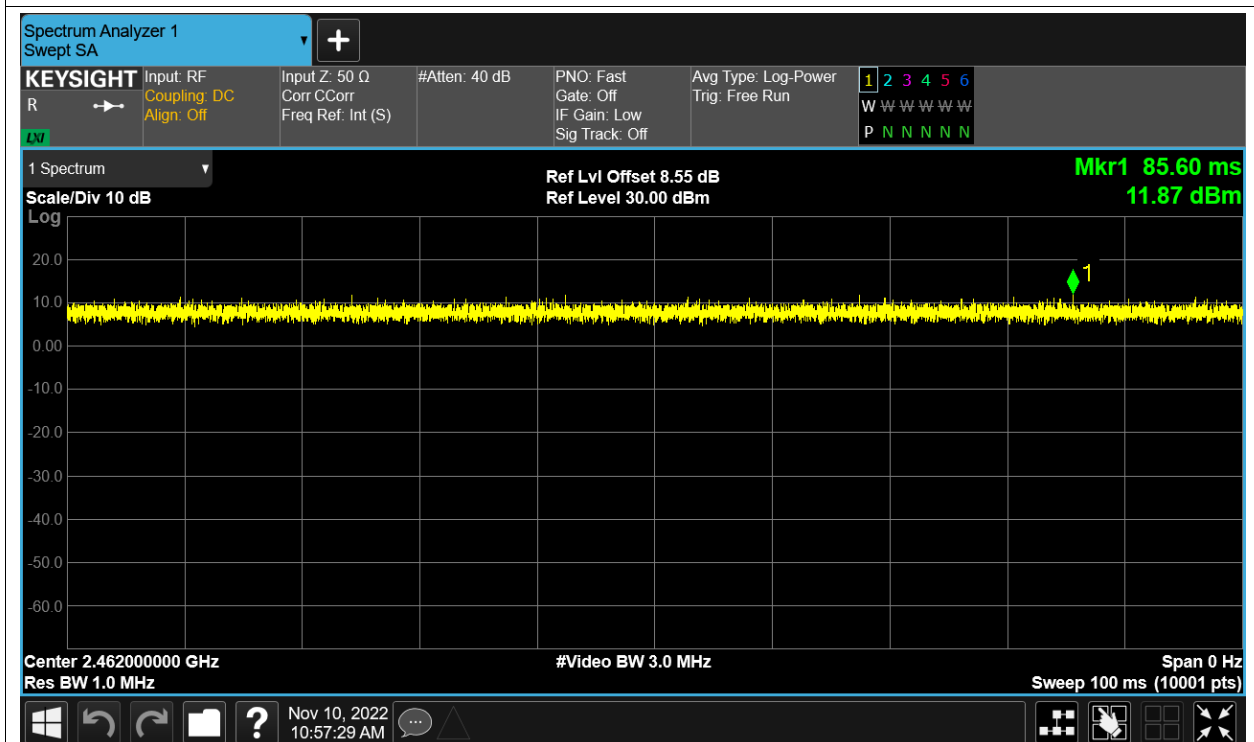
Duty Cycle NVNT g 2412MHz Ant3



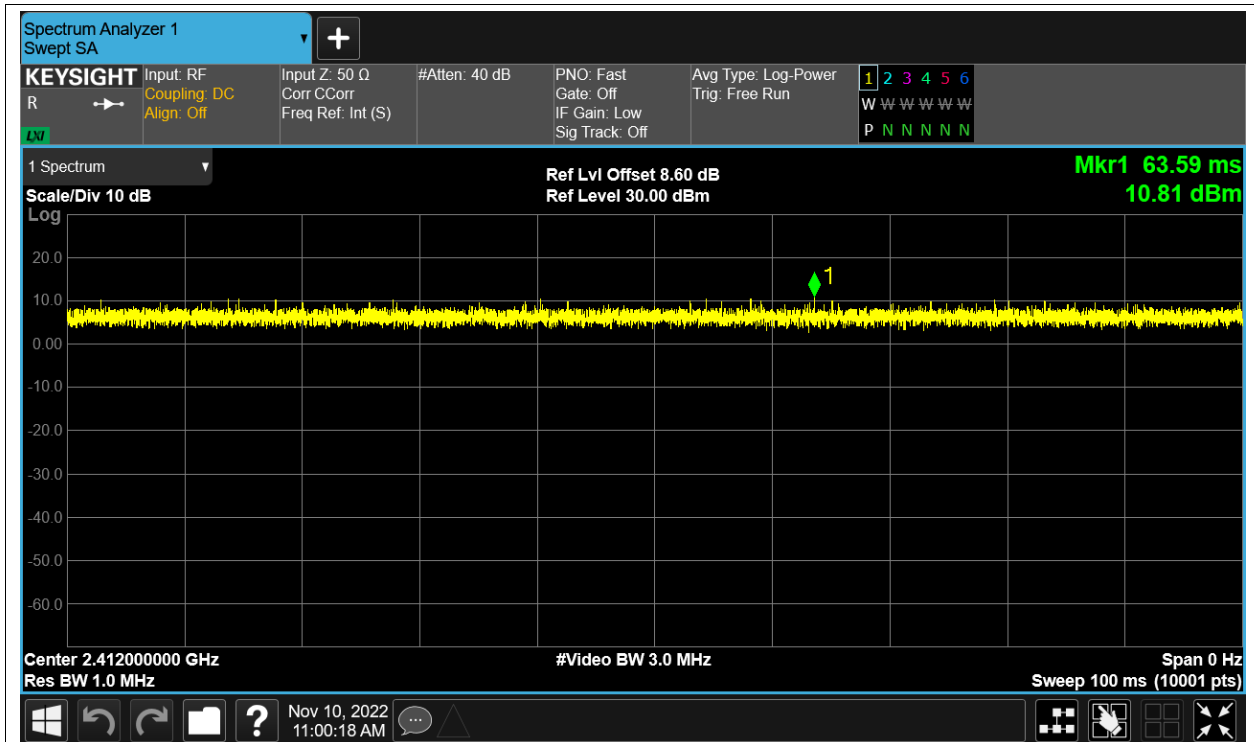
Duty Cycle NVNT g 2437MHz Ant3



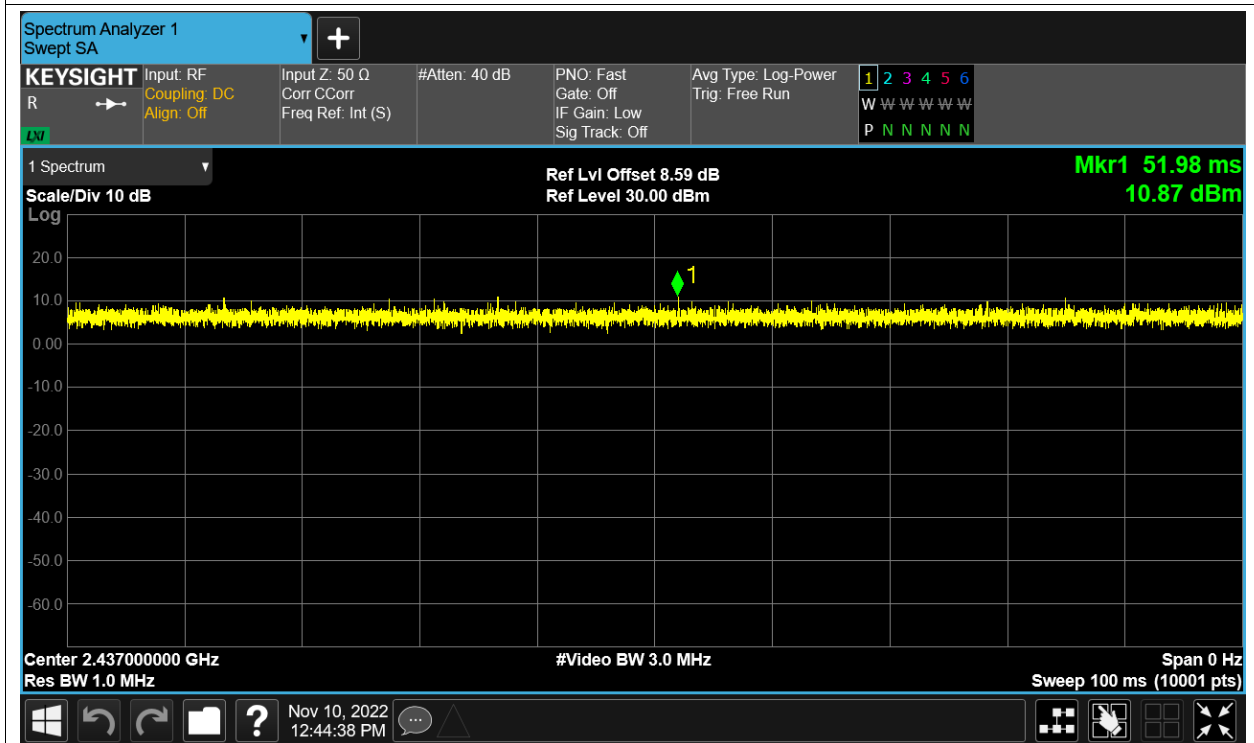
Duty Cycle NVNT g 2462MHz Ant3



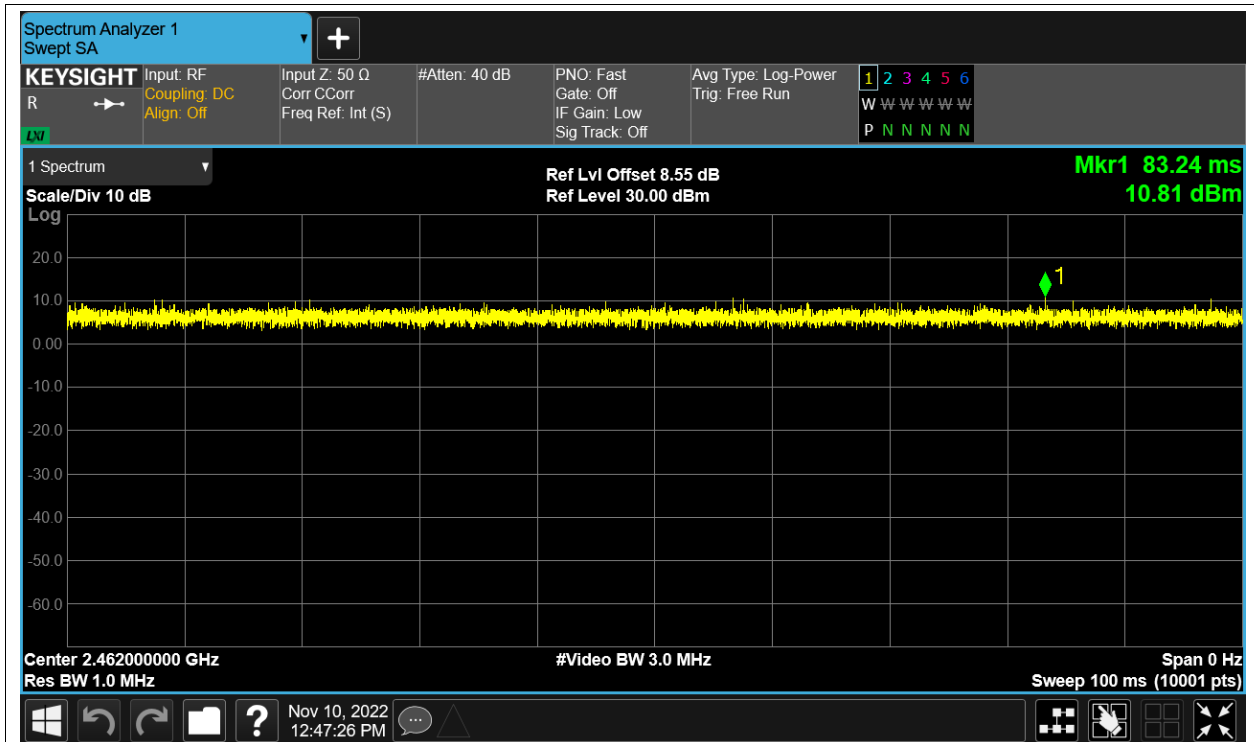
Duty Cycle NVNT n20 2412MHz Ant3



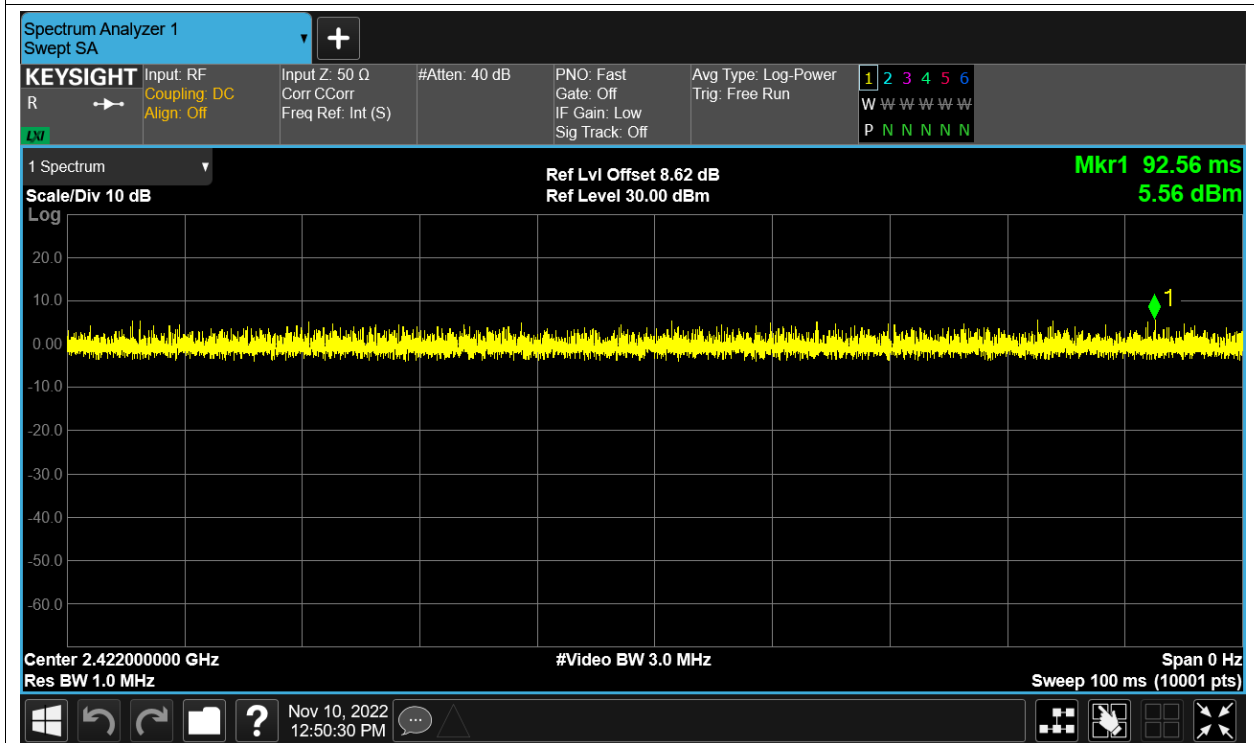
Duty Cycle NVNT n20 2437MHz Ant3



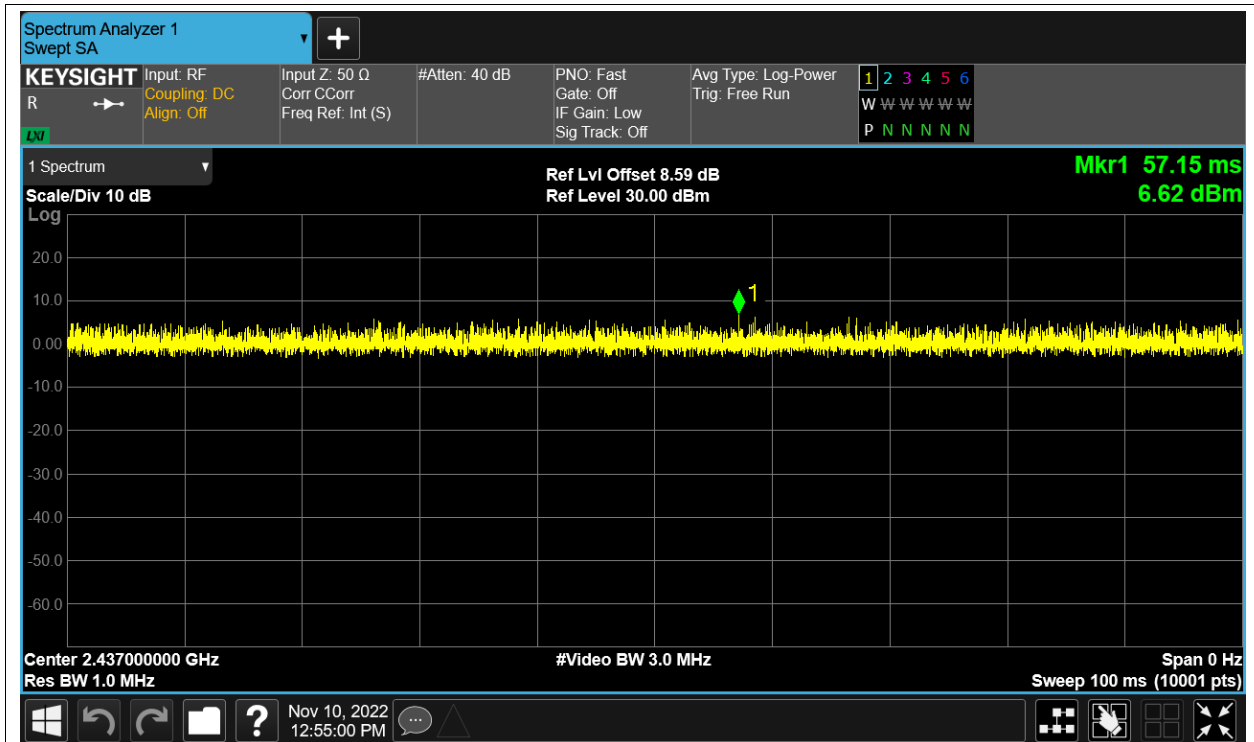
Duty Cycle NVNT n20 2462MHz Ant3



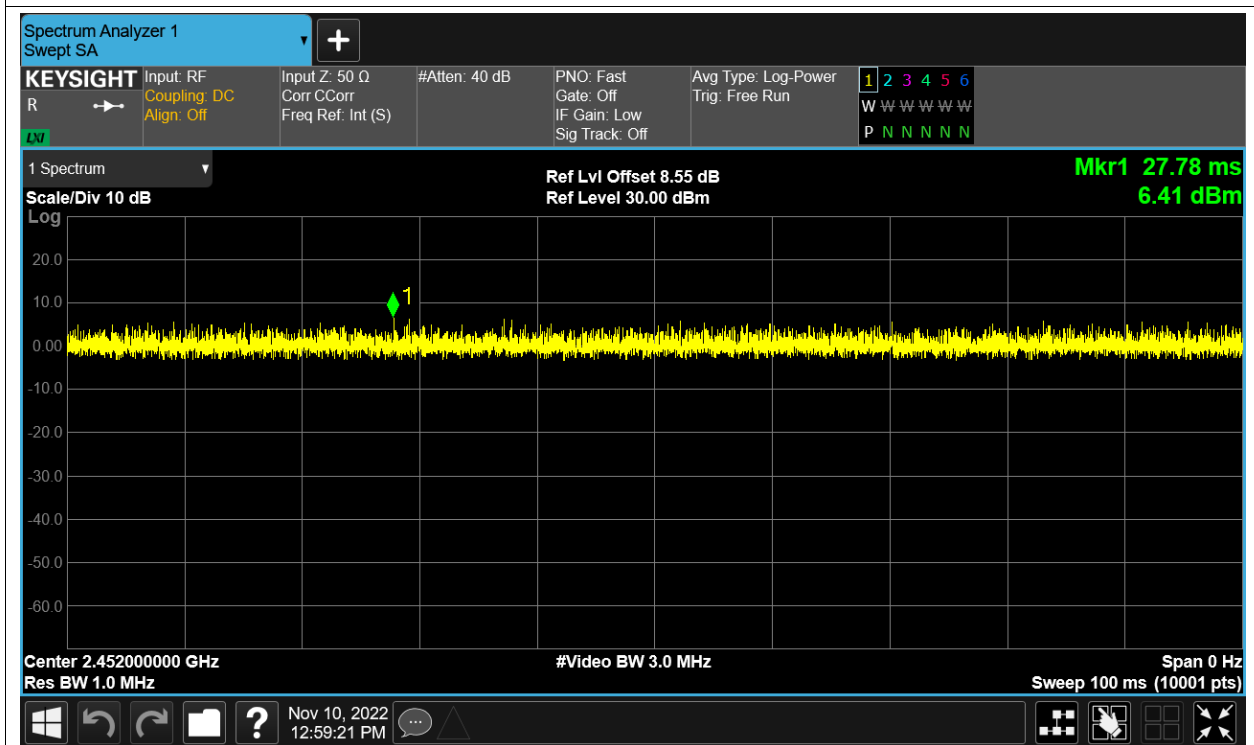
Duty Cycle NVNT n40 2422MHz Ant3



Duty Cycle NVNT n40 2437MHz Ant3



Duty Cycle NVNT n40 2452MHz 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	16.37	0	16.37	30	Pass
NVNT	b	2437	Ant3	16.33	0	16.33	30	Pass
NVNT	b	2462	Ant3	16.4	0	16.4	30	Pass
NVNT	g	2412	Ant3	14.42	0	14.42	30	Pass
NVNT	g	2437	Ant3	14.26	0	14.26	30	Pass
NVNT	g	2462	Ant3	14.42	0	14.42	30	Pass
NVNT	n20	2412	Ant3	13.22	0	13.22	30	Pass
NVNT	n20	2437	Ant3	12.82	0	12.82	30	Pass
NVNT	n20	2462	Ant3	13.07	0	13.07	30	Pass
NVNT	n40	2422	Ant3	13.17	0	13.17	30	Pass
NVNT	n40	2437	Ant3	13.13	0	13.13	30	Pass
NVNT	n40	2452	Ant3	13.15	0	13.15	30	Pass

-6dB Bandwidth

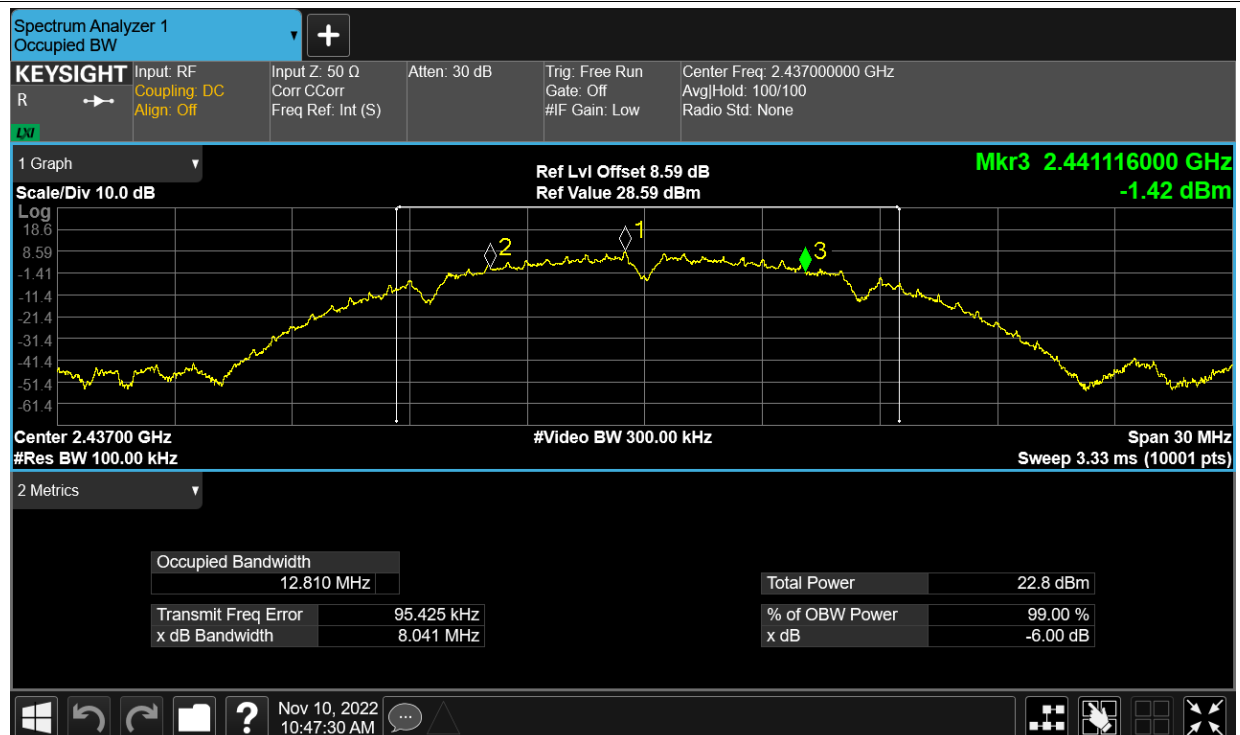
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant3	8.026	0.5	Pass
NVNT	b	2437	Ant3	8.041	0.5	Pass
NVNT	b	2462	Ant3	8.051	0.5	Pass
NVNT	g	2412	Ant3	16.344	0.5	Pass
NVNT	g	2437	Ant3	16.304	0.5	Pass
NVNT	g	2462	Ant3	16.361	0.5	Pass
NVNT	n20	2412	Ant3	17.552	0.5	Pass
NVNT	n20	2437	Ant3	17.606	0.5	Pass
NVNT	n20	2462	Ant3	17.615	0.5	Pass
NVNT	n40	2422	Ant3	36.355	0.5	Pass
NVNT	n40	2437	Ant3	34.292	0.5	Pass
NVNT	n40	2452	Ant3	36.061	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant3



-6dB Bandwidth NVNT b 2437MHz Ant3



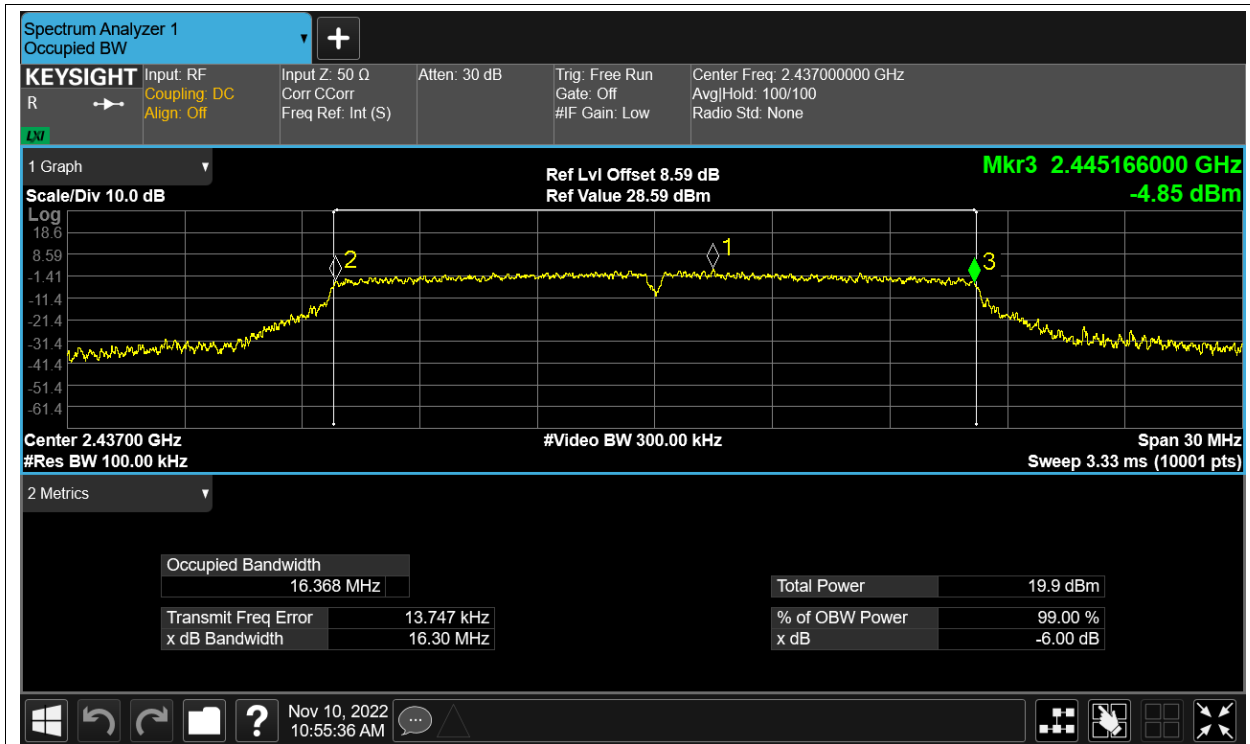
-6dB Bandwidth NVNT b 2462MHz Ant3



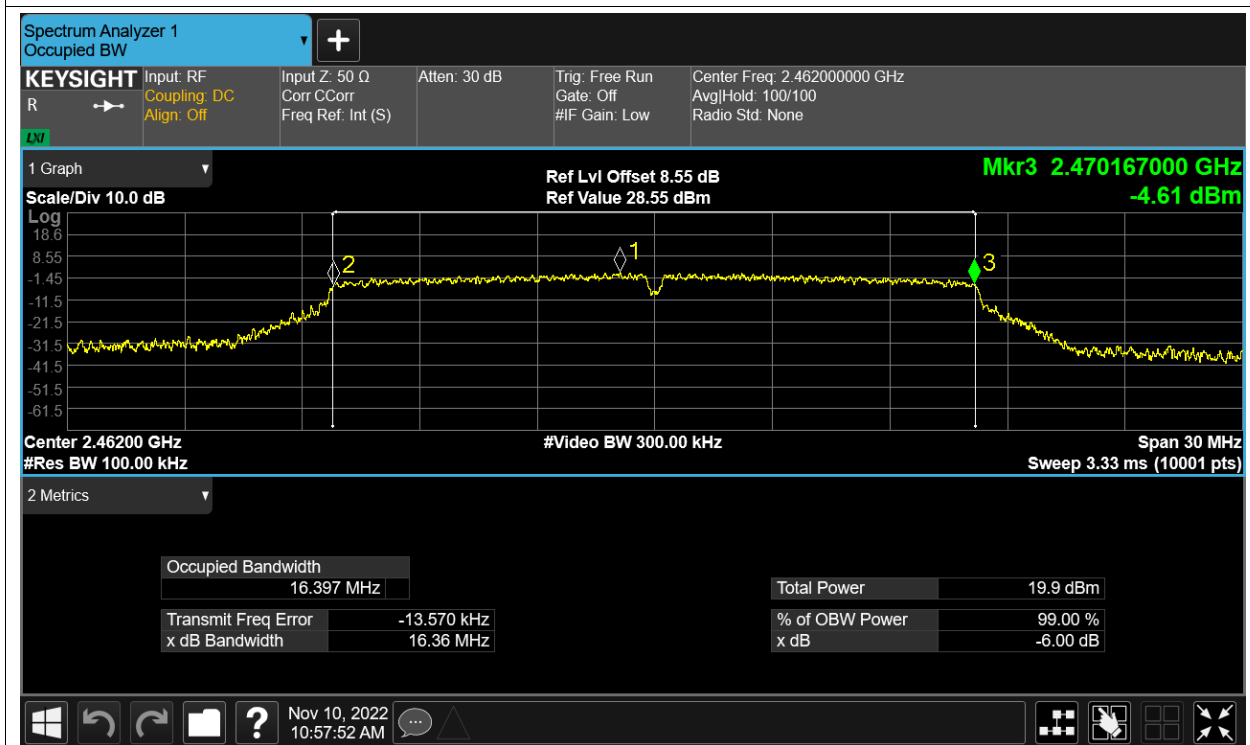
-6dB Bandwidth NVNT g 2412MHz Ant3



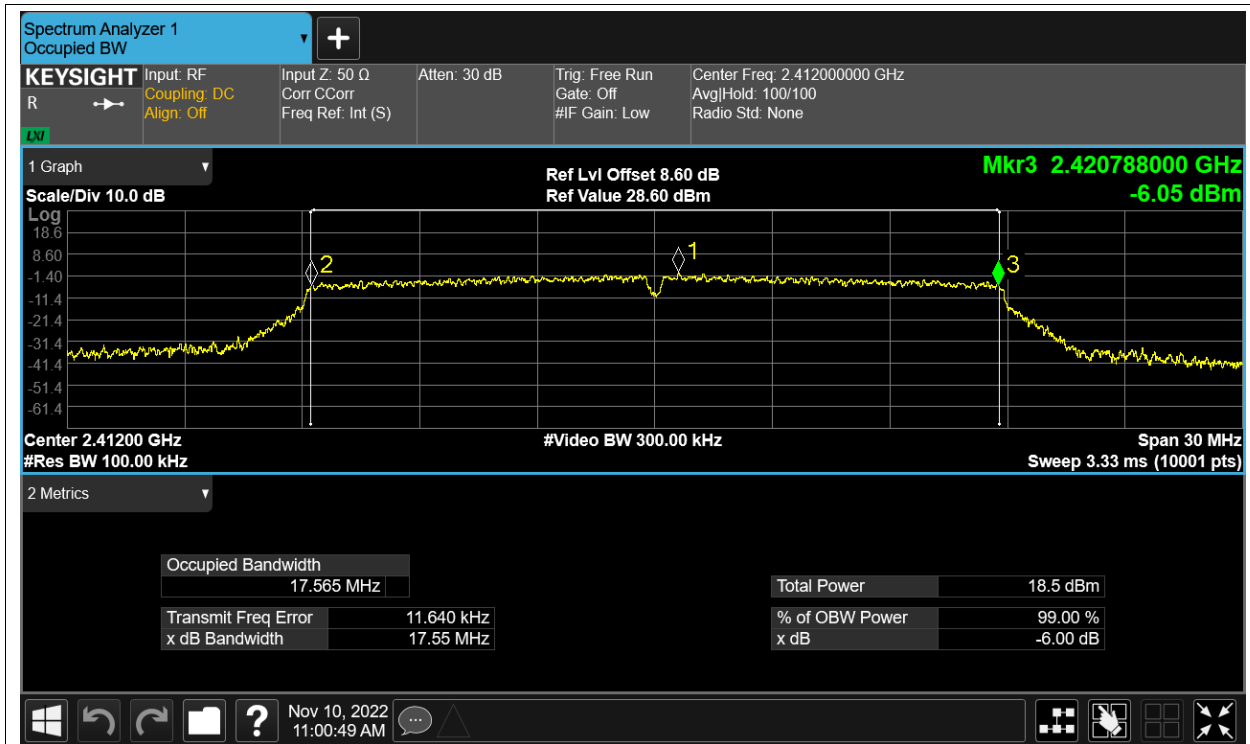
-6dB Bandwidth NVNT g 2437MHz Ant3



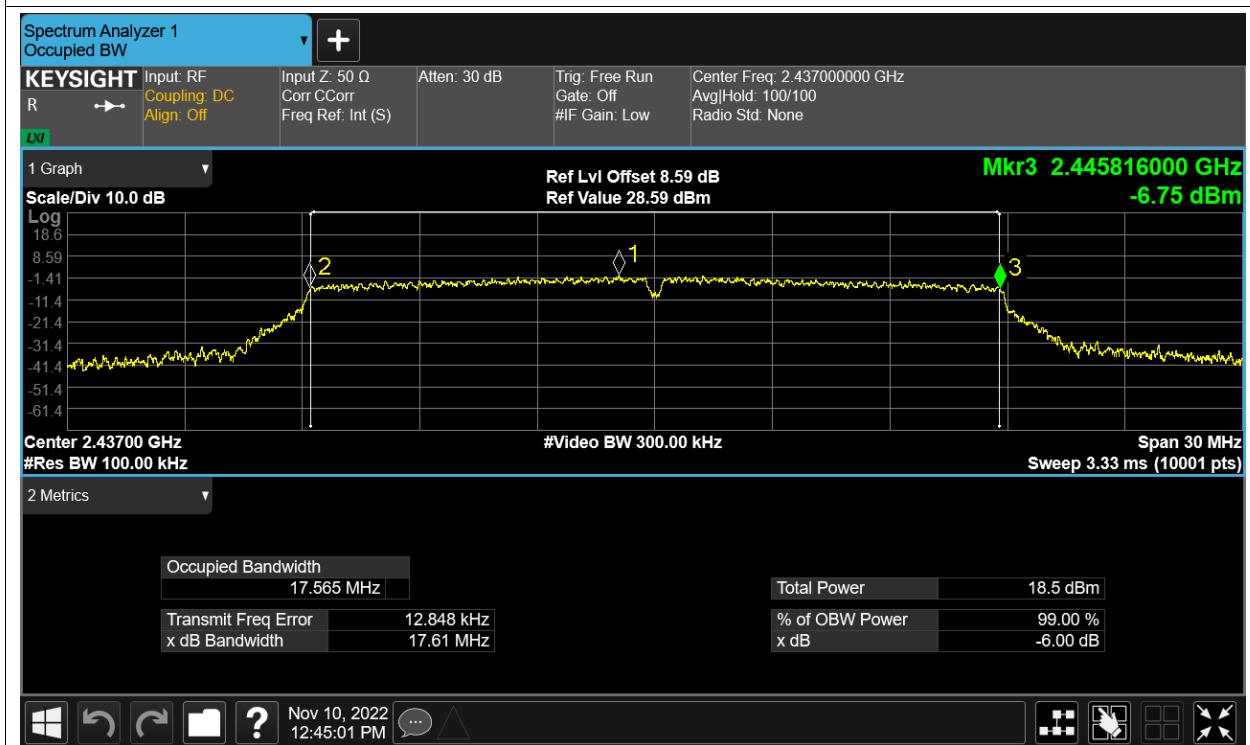
-6dB Bandwidth NVNT g 2462MHz Ant3



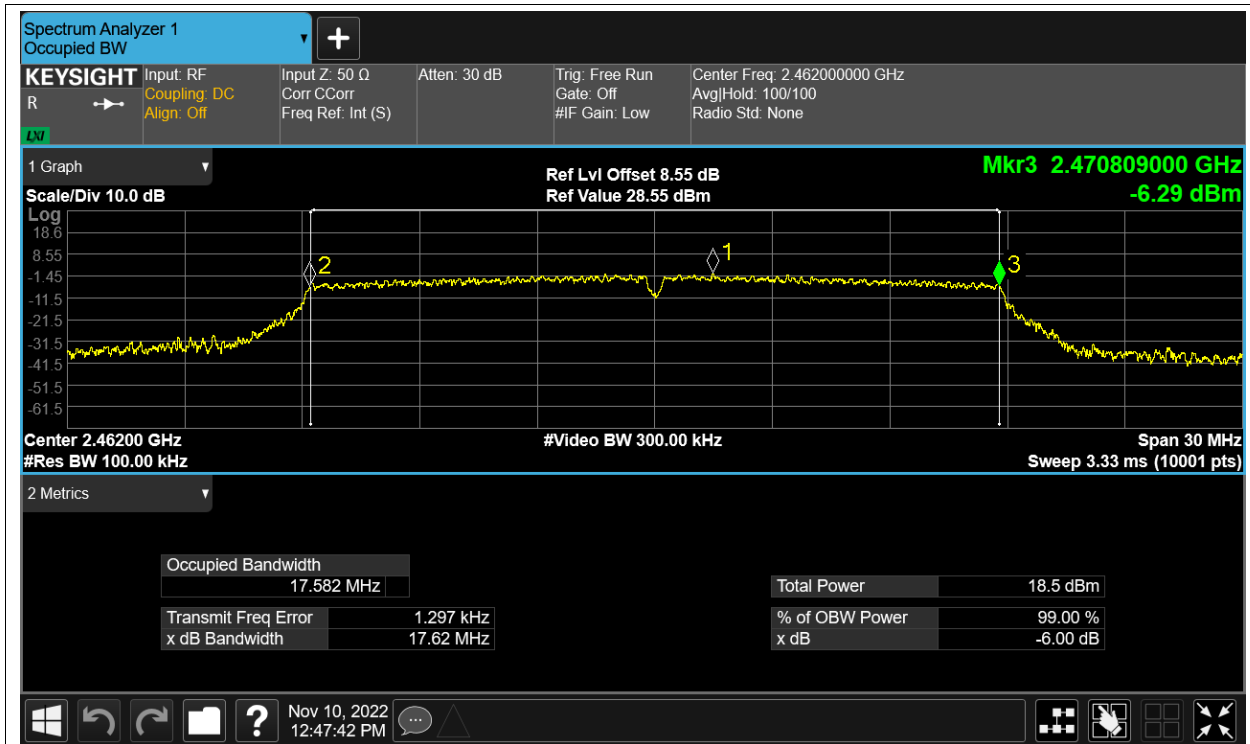
-6dB Bandwidth NVNT n20 2412MHz Ant3



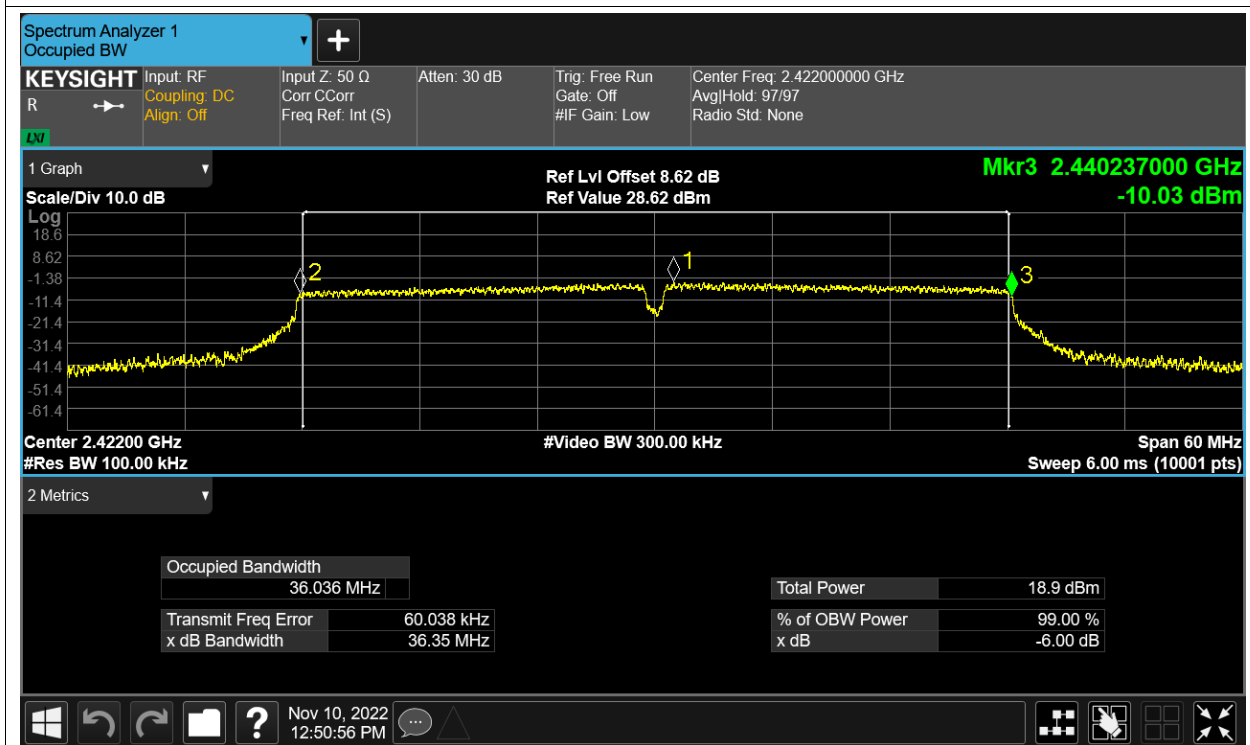
-6dB Bandwidth NVNT n20 2437MHz Ant3



-6dB Bandwidth NVNT n20 2462MHz Ant3



-6dB Bandwidth NVNT n40 2422MHz Ant3



-6dB Bandwidth NVNT n40 2437MHz Ant3



-6dB Bandwidth NVNT n40 2452MHz Ant3



Occupied Channel Bandwidth

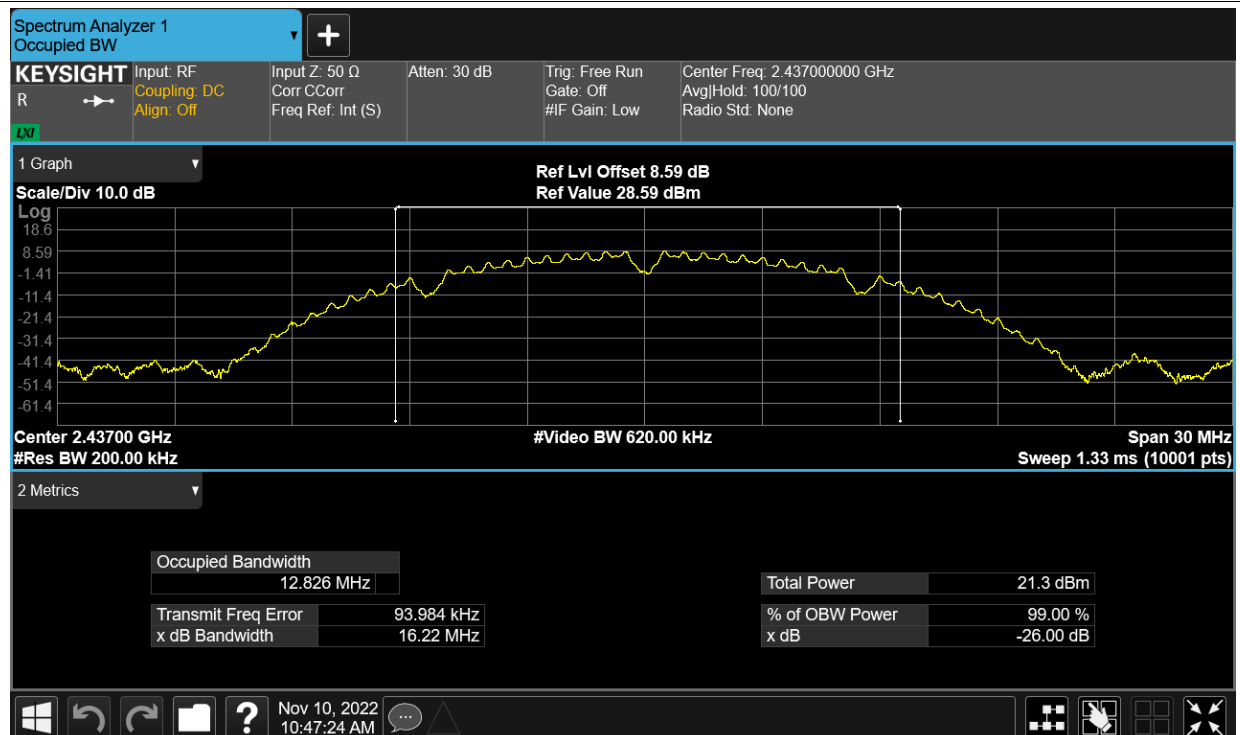
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant3	12.984
NVNT	b	2437	Ant3	12.826
NVNT	b	2462	Ant3	13.129
NVNT	g	2412	Ant3	16.459
NVNT	g	2437	Ant3	16.435
NVNT	g	2462	Ant3	16.495
NVNT	n20	2412	Ant3	17.591
NVNT	n20	2437	Ant3	17.557
NVNT	n20	2462	Ant3	17.616
NVNT	n40	2422	Ant3	36.164
NVNT	n40	2437	Ant3	35.82
NVNT	n40	2452	Ant3	35.989

Test Graphs

OBW NVNT b 2412MHz Ant3



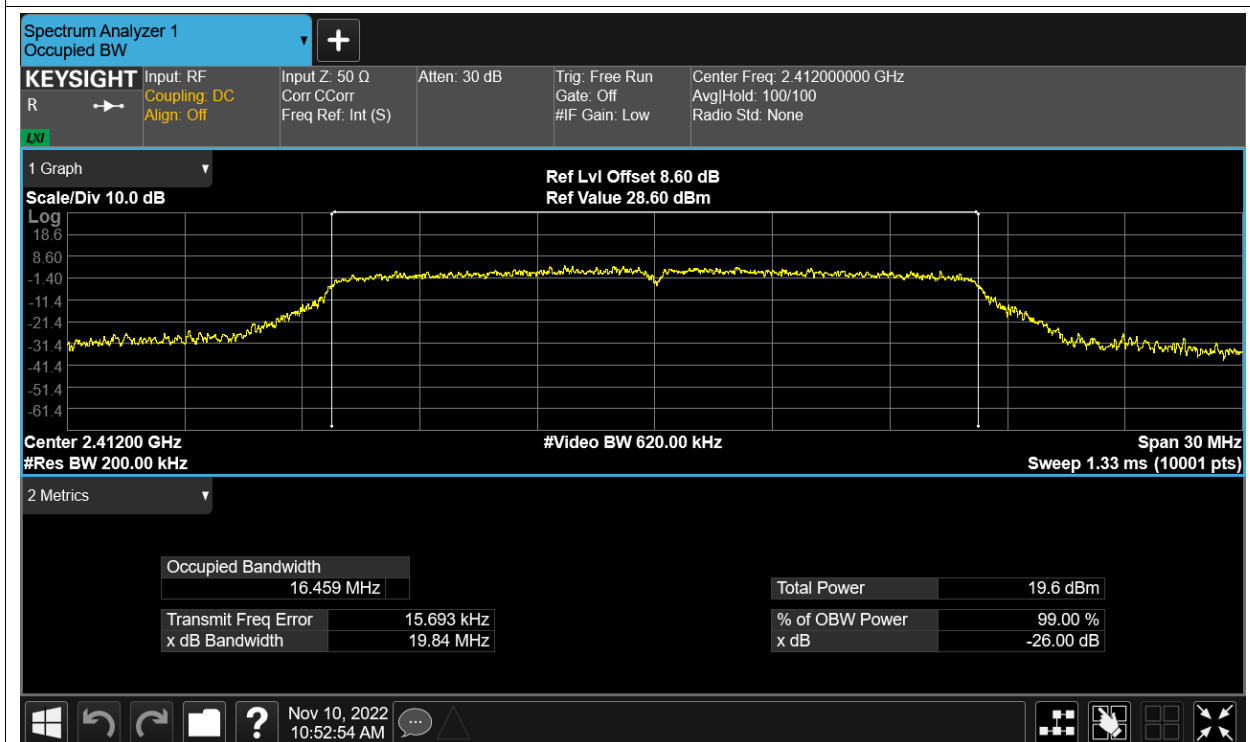
OBW NVNT b 2437MHz Ant3



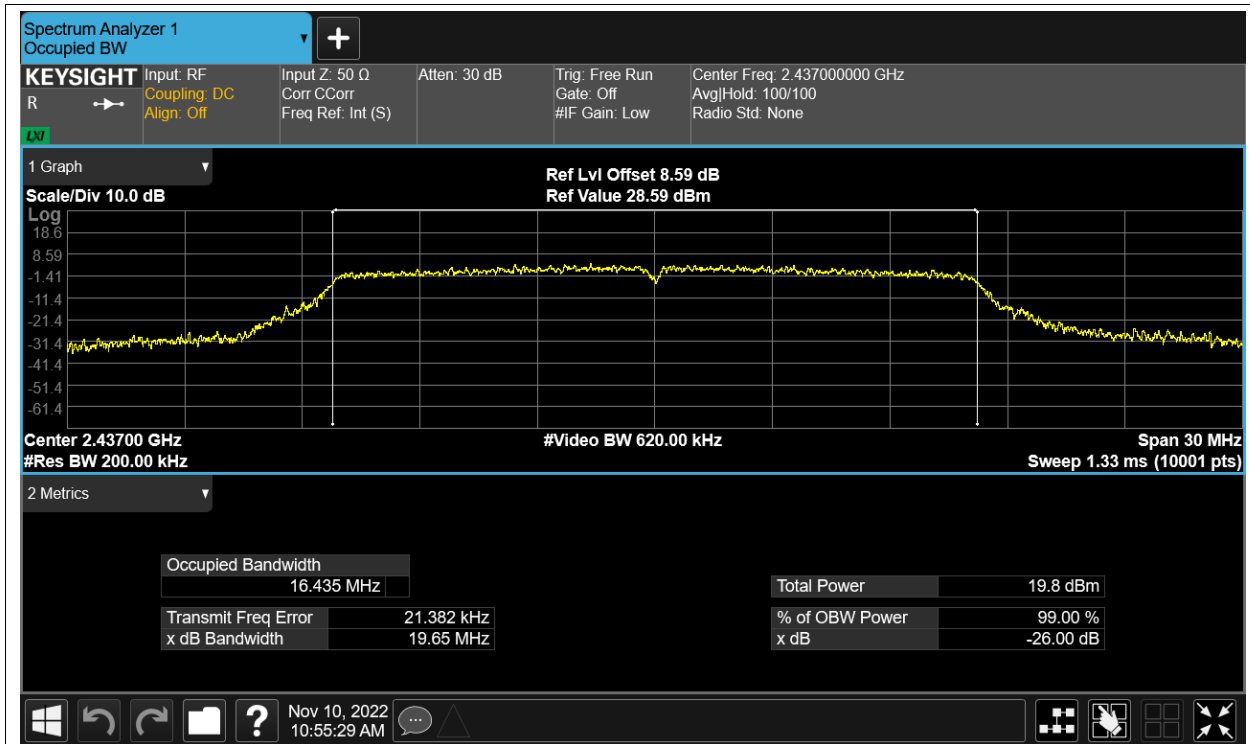
OBW NVNT b 2462MHz Ant3



OBW NVNT g 2412MHz Ant3



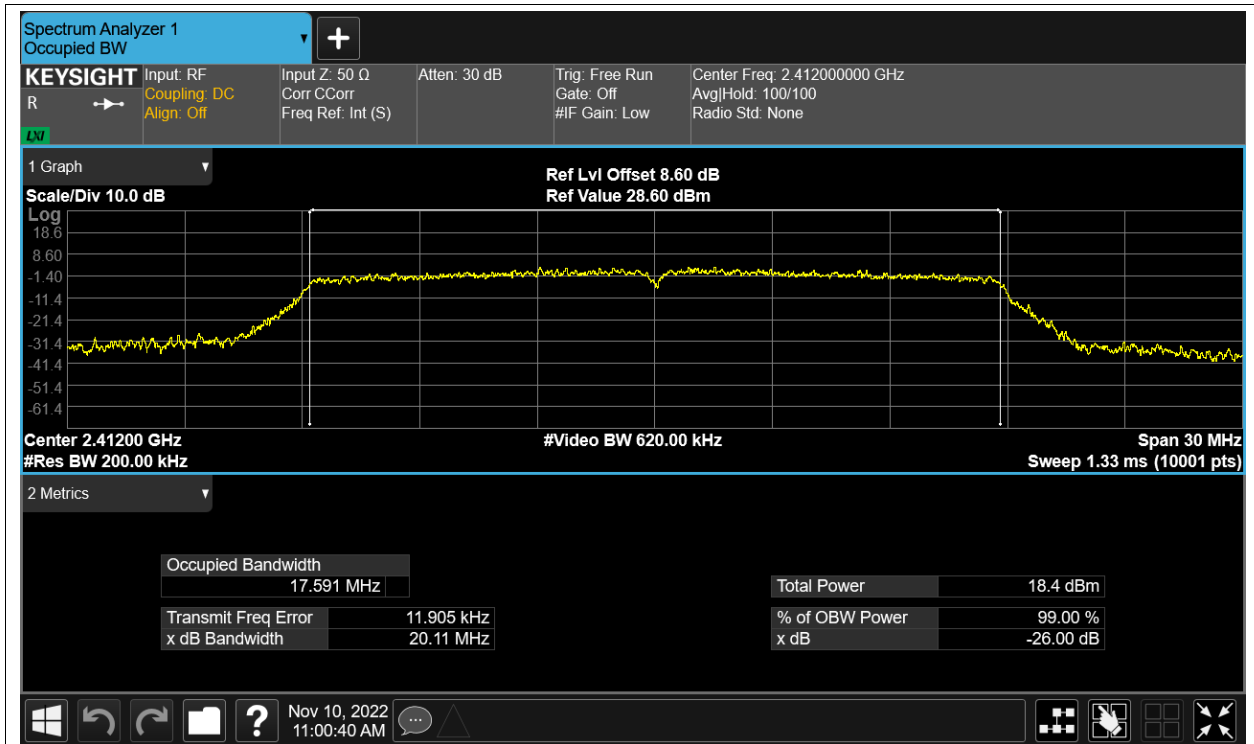
OBW NVNT g 2437MHz Ant3



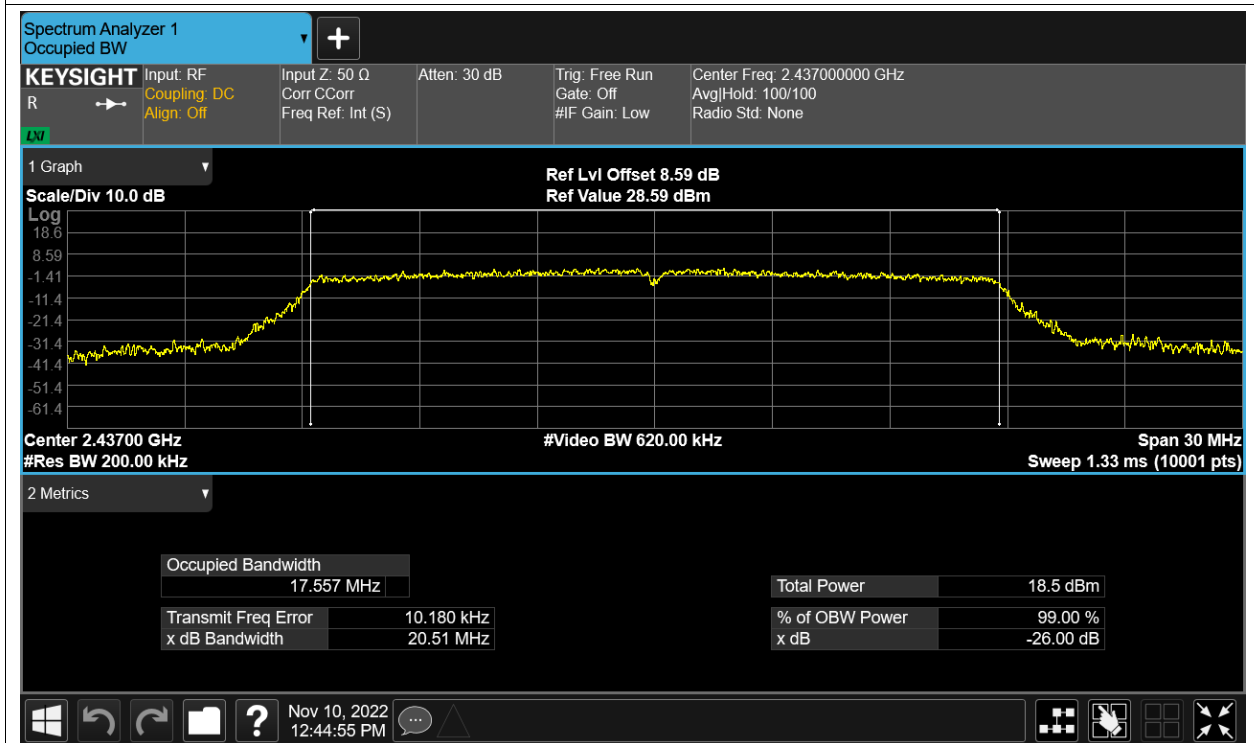
OBW NVNT g 2462MHz Ant3



OBW NVNT n20 2412MHz Ant3



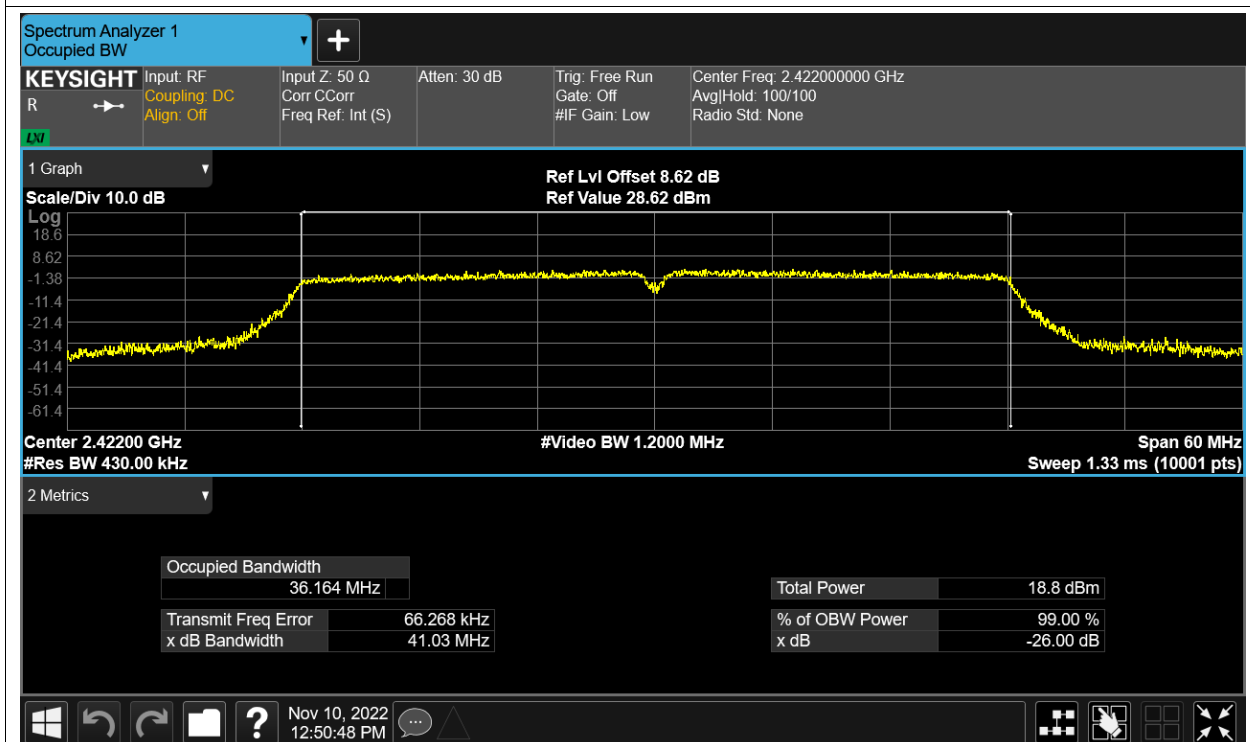
OBW NVNT n20 2437MHz Ant3



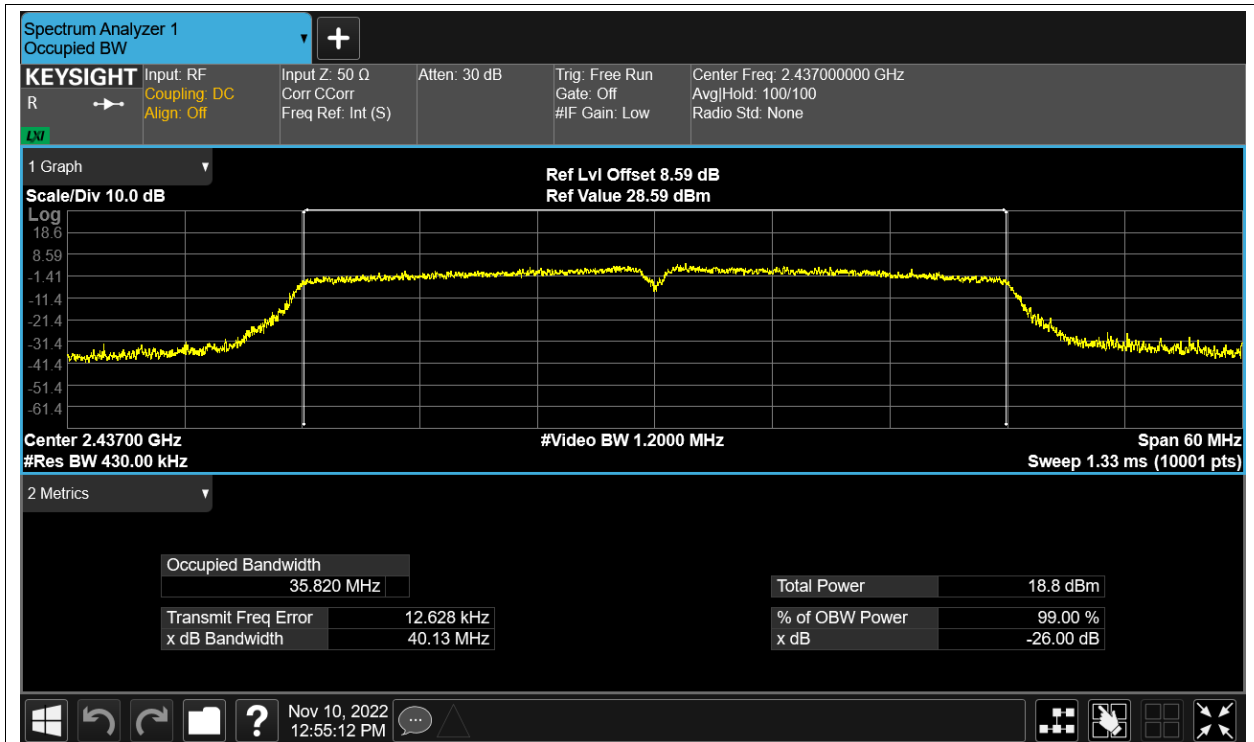
OBW NVNT n20 2462MHz Ant3



OBW NVNT n40 2422MHz Ant3



OBW NVNT n40 2437MHz Ant3



OBW NVNT n40 2452MHz Ant3

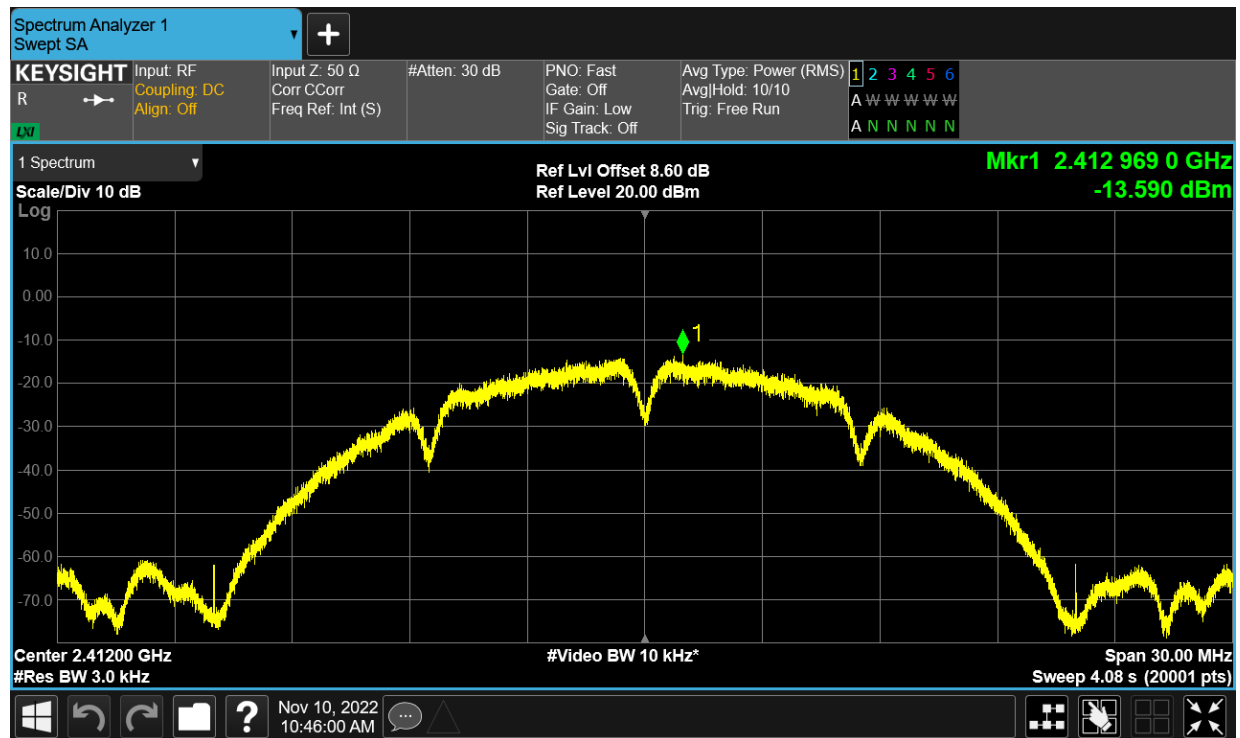


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant3	-13.59	8	Pass
NVNT	b	2437	Ant3	-13.1	8	Pass
NVNT	b	2462	Ant3	-13.03	8	Pass
NVNT	g	2412	Ant3	-17.433	8	Pass
NVNT	g	2437	Ant3	-17.125	8	Pass
NVNT	g	2462	Ant3	-16.624	8	Pass
NVNT	n20	2412	Ant3	-19.058	8	Pass
NVNT	n20	2437	Ant3	-18.658	8	Pass
NVNT	n20	2462	Ant3	-19.293	8	Pass
NVNT	n40	2422	Ant3	-21.464	8	Pass
NVNT	n40	2437	Ant3	-21.156	8	Pass
NVNT	n40	2452	Ant3	-21.092	8	Pass

Test Graphs

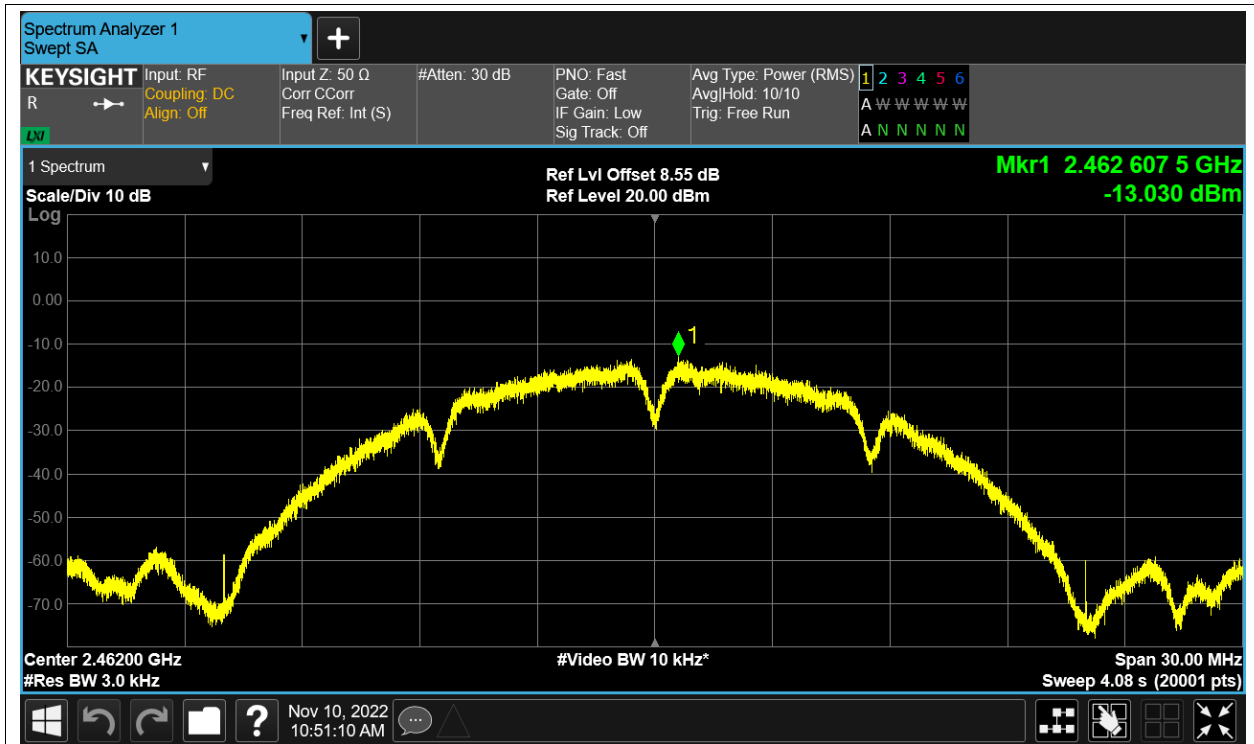
PSD NVNT b 2412MHz Ant3



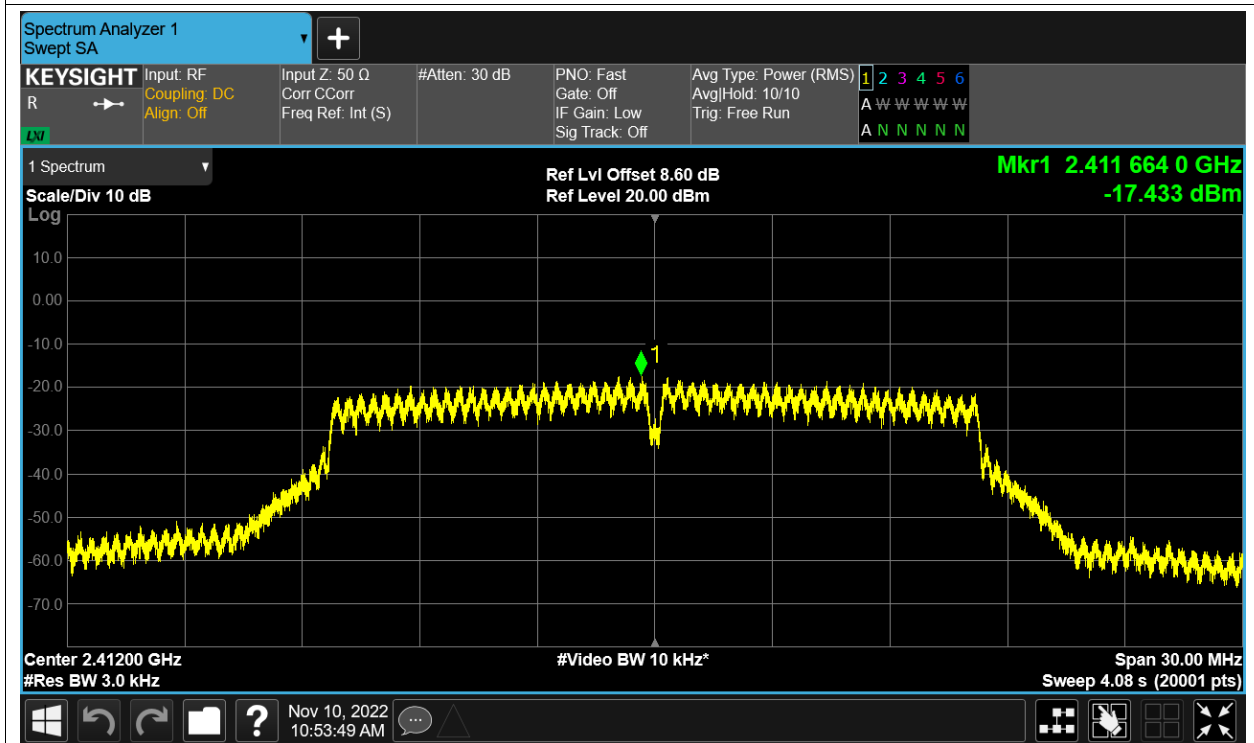
PSD NVNT b 2437MHz Ant3



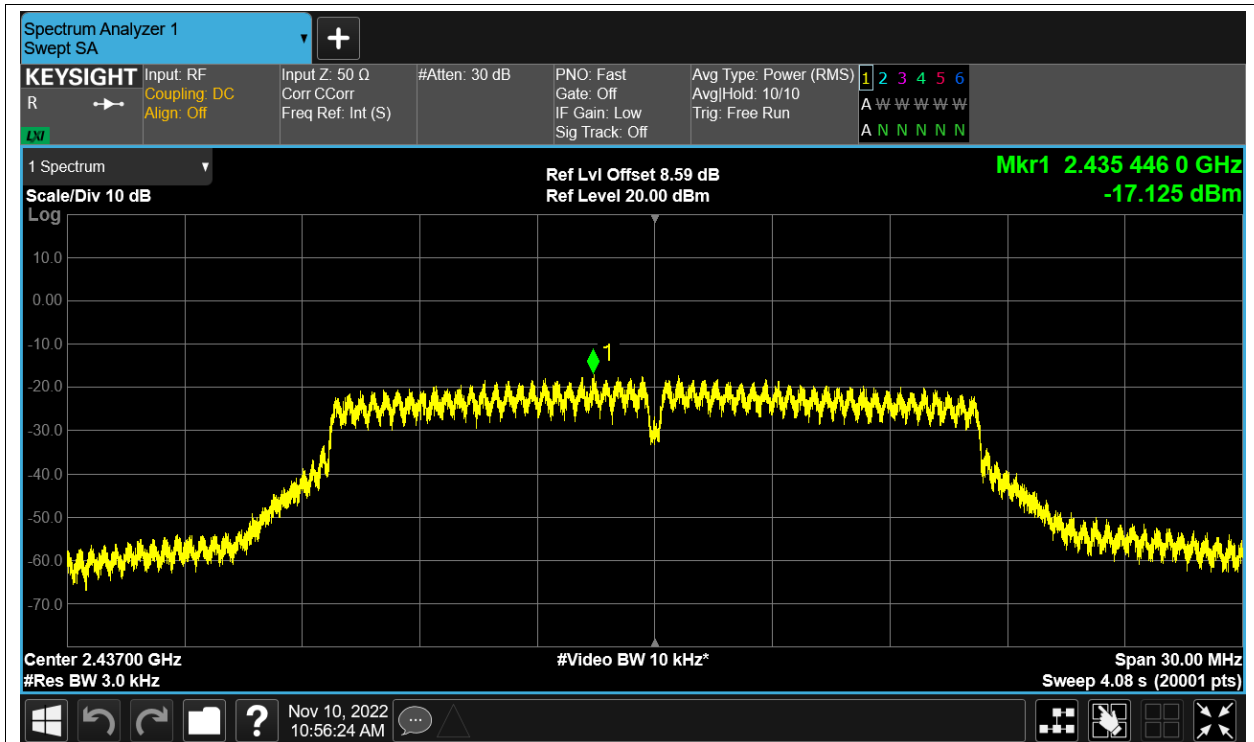
PSD NVNT b 2462MHz Ant3



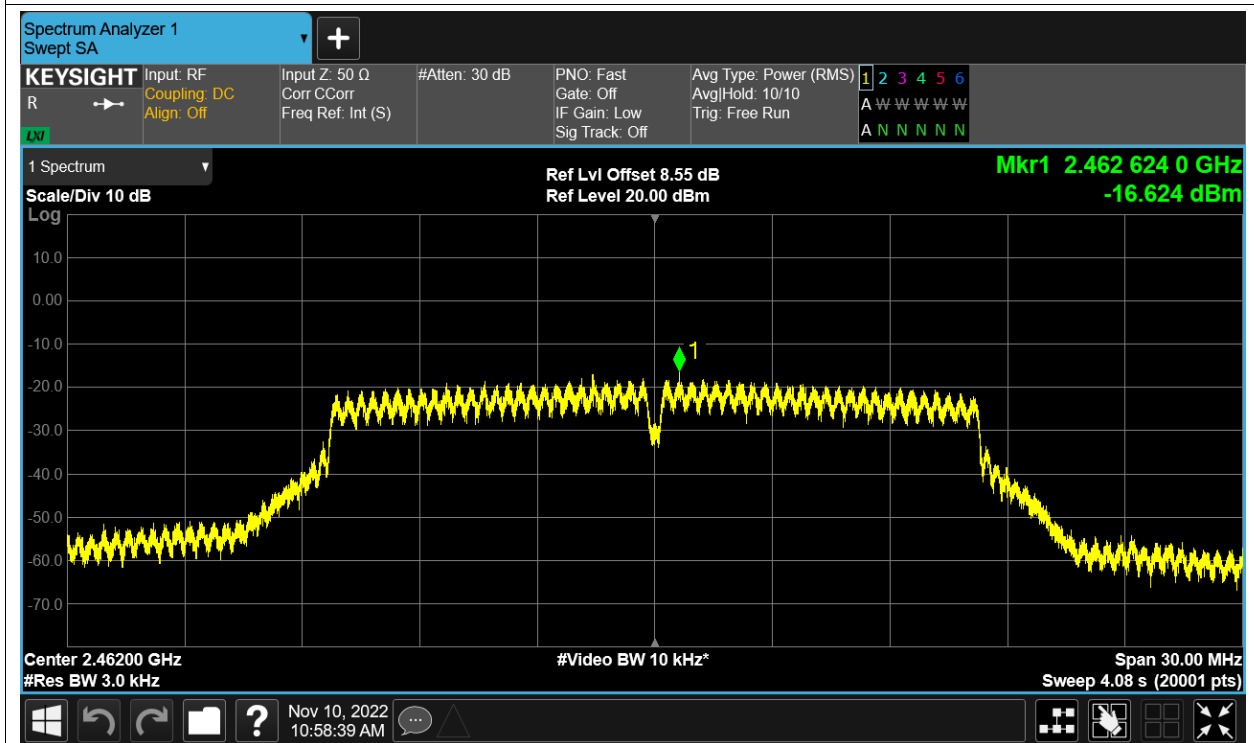
PSD NVNT g 2412MHz Ant3



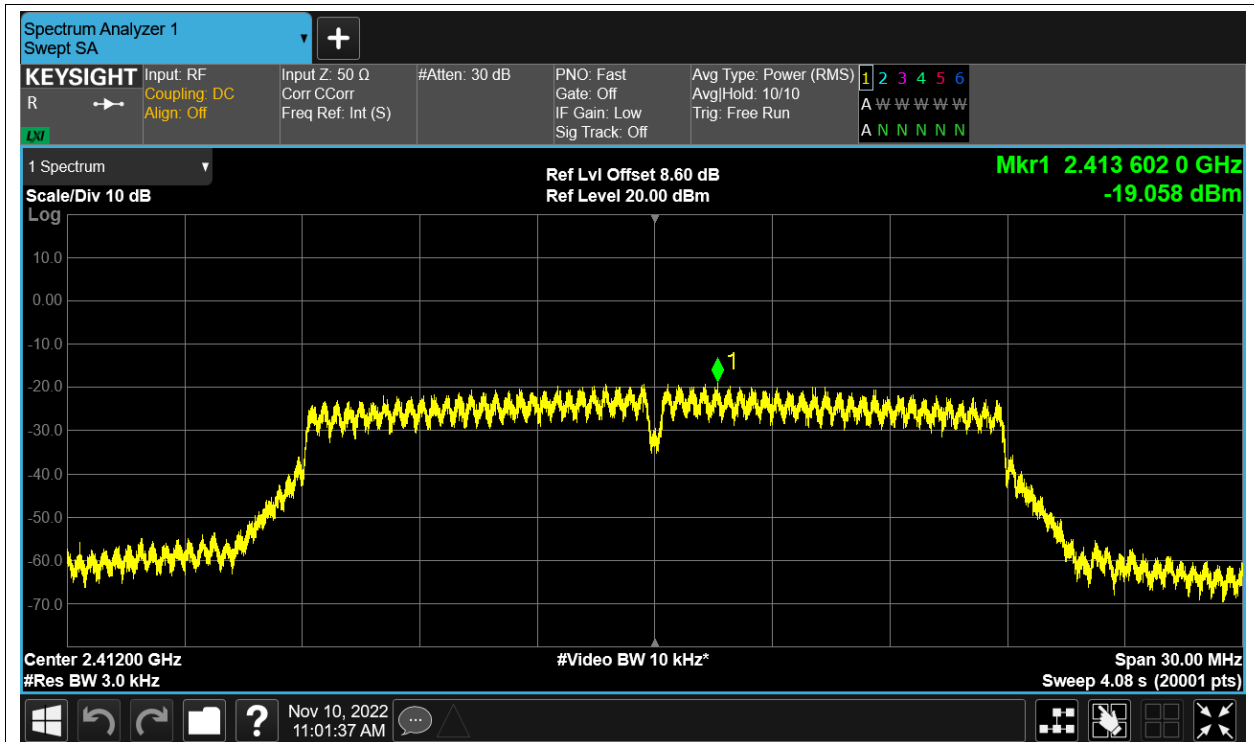
PSD NVNT g 2437MHz Ant3



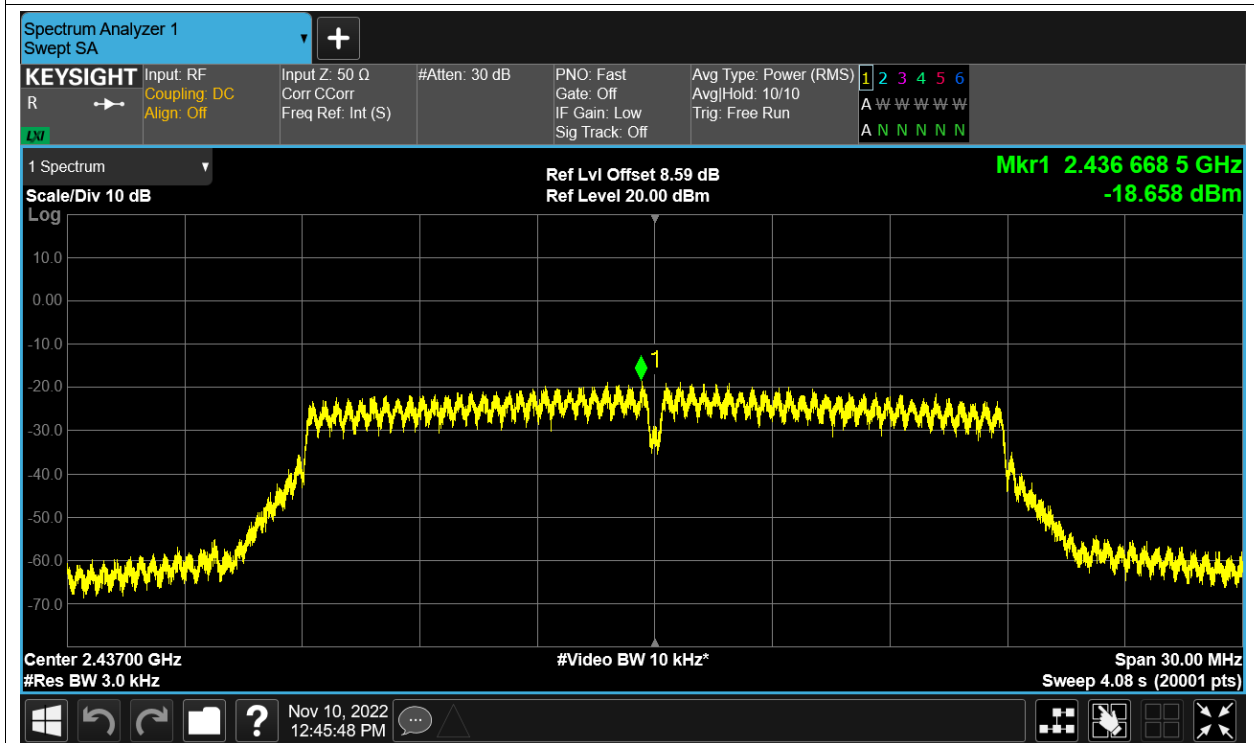
PSD NVNT g 2462MHz Ant3



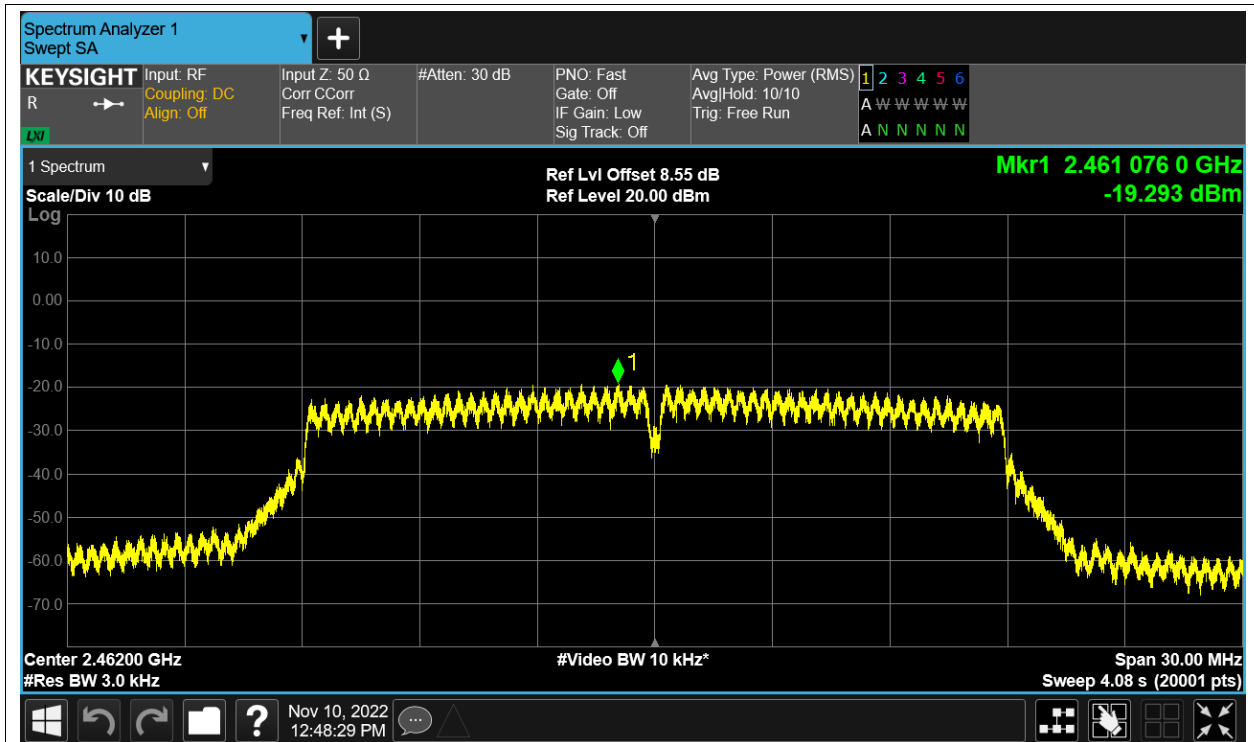
PSD NVNT n20 2412MHz Ant3



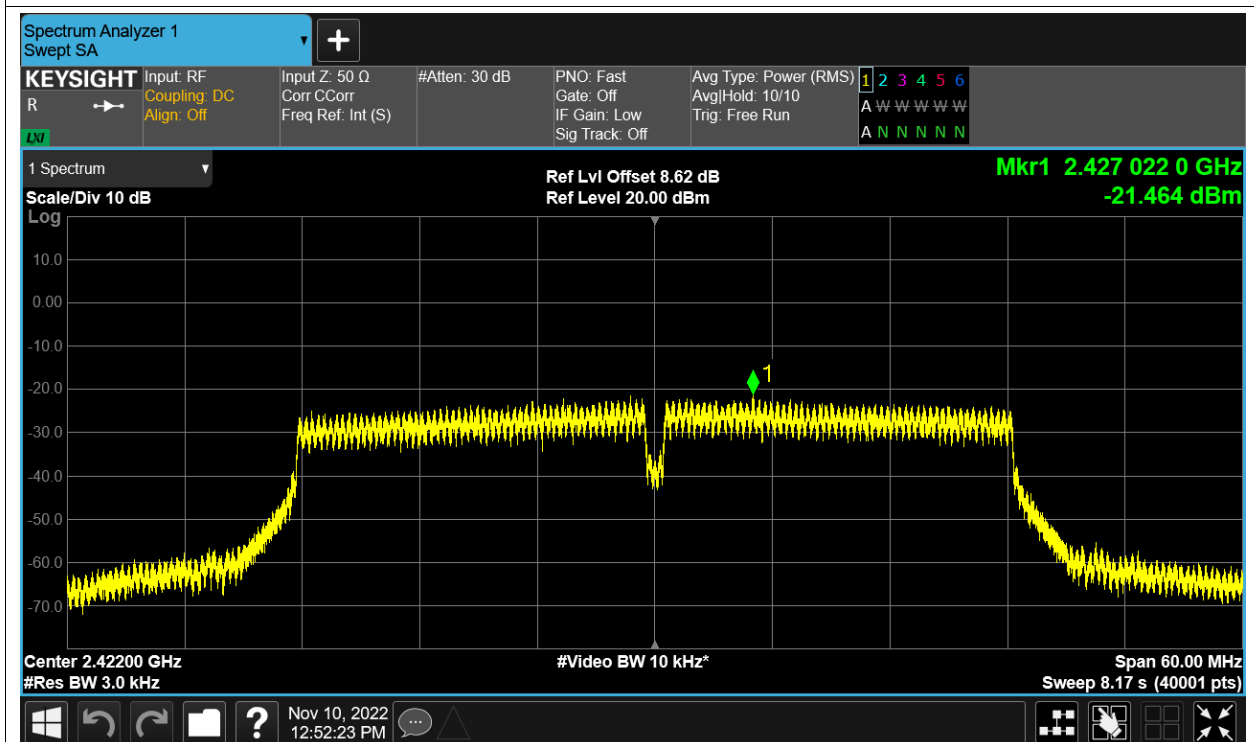
PSD NVNT n20 2437MHz Ant3



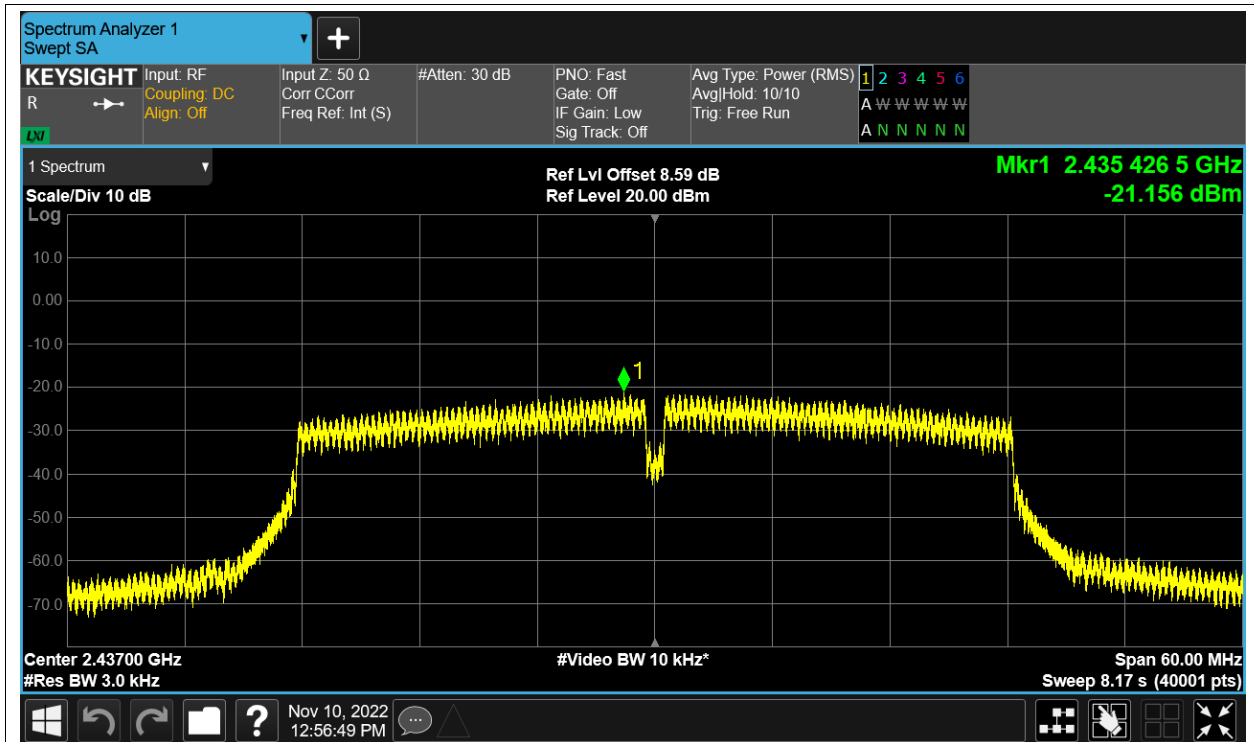
PSD NVNT n20 2462MHz Ant3



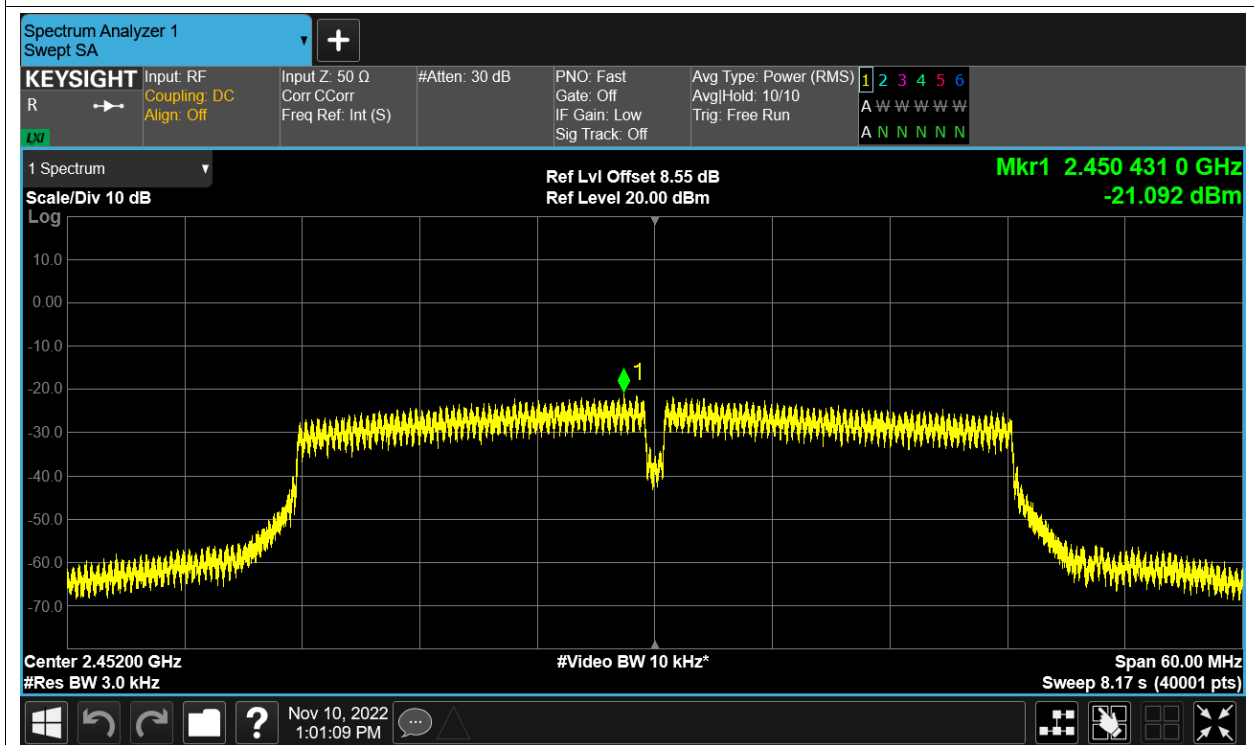
PSD NVNT n40 2422MHz Ant3



PSD NVNT n40 2437MHz Ant3



PSD NVNT n40 2452MHz Ant3

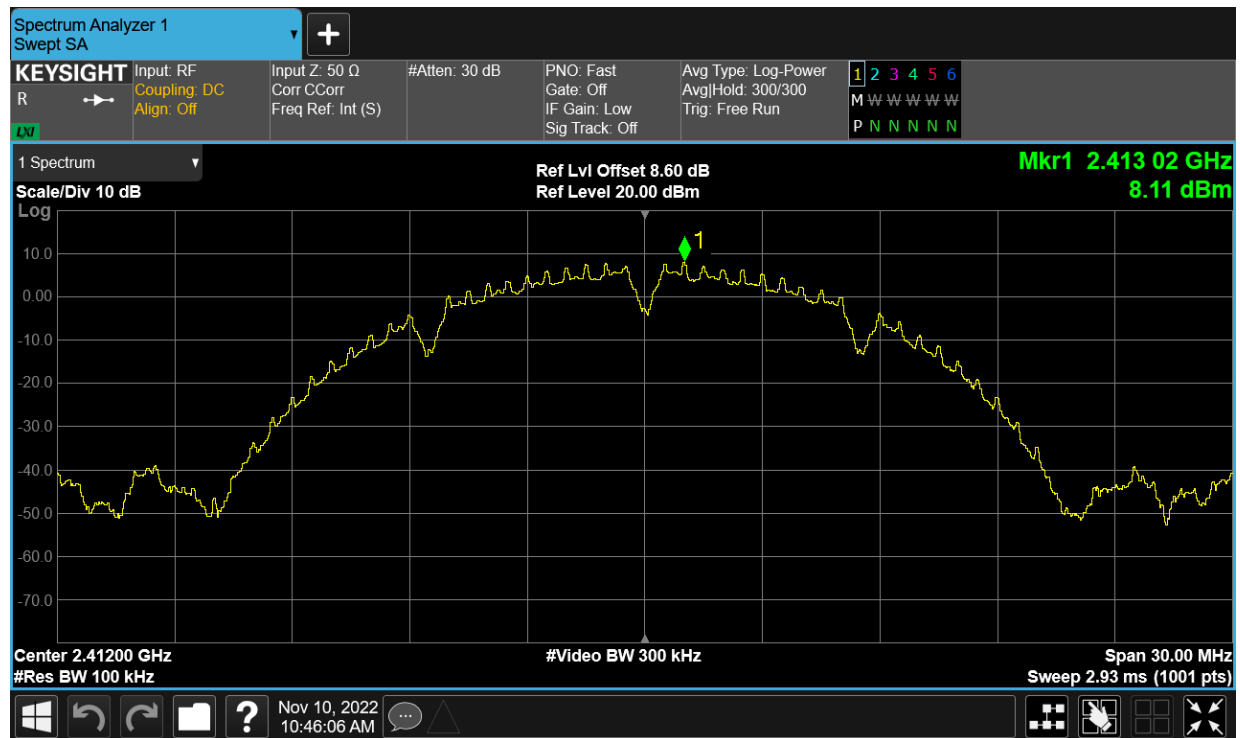


Band Edge

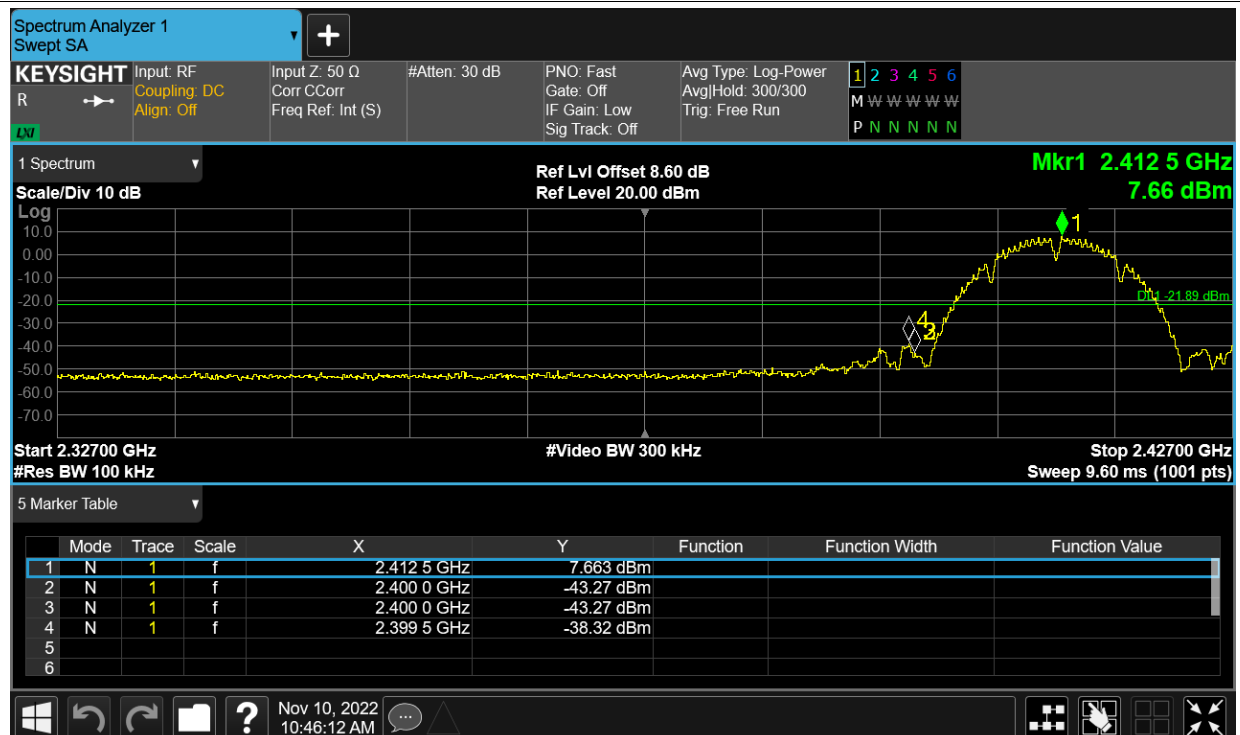
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant3	-46.44	-30	Pass
NVNT	b	2462	Ant3	-57.28	-30	Pass
NVNT	g	2412	Ant3	-30.61	-30	Pass
NVNT	g	2462	Ant3	-48.27	-30	Pass
NVNT	n20	2412	Ant3	-32.02	-30	Pass
NVNT	n20	2462	Ant3	-47.99	-30	Pass
NVNT	n40	2422	Ant3	-31.96	-30	Pass
NVNT	n40	2452	Ant3	-37.9	-30	Pass

Test Graphs

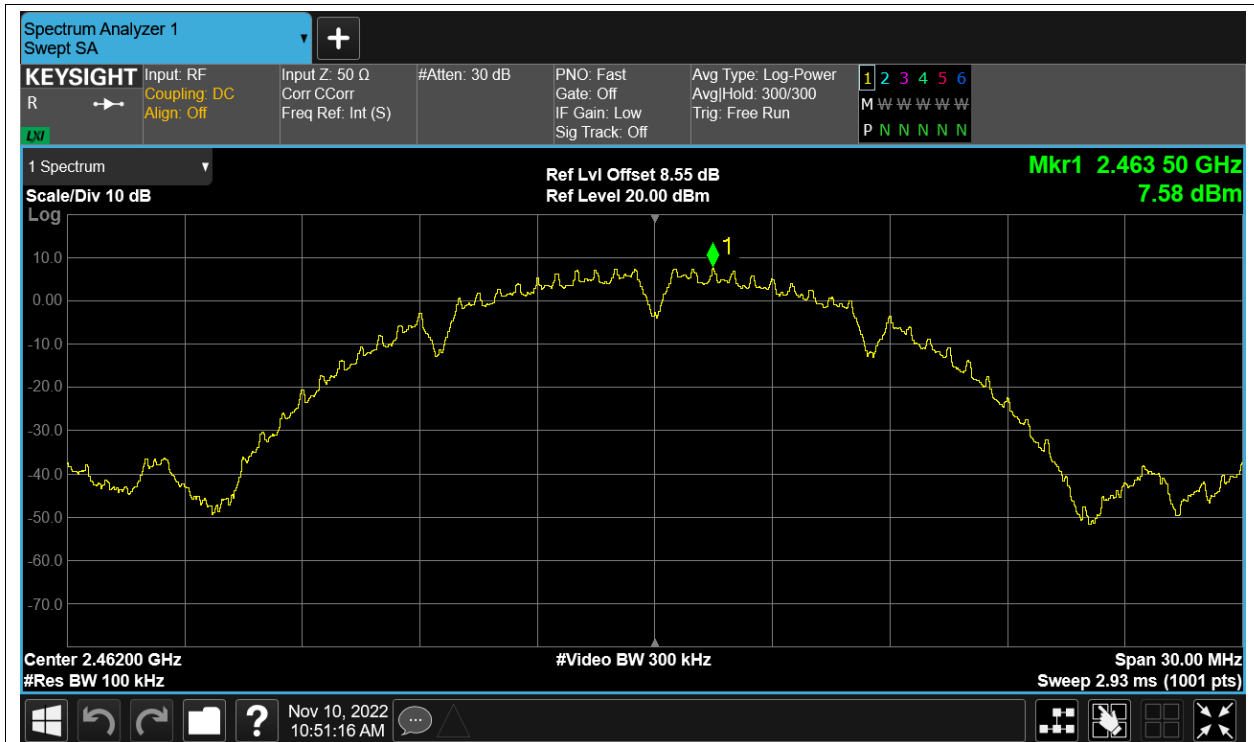
Band Edge NVNT b 2412MHz Ant3 Ref



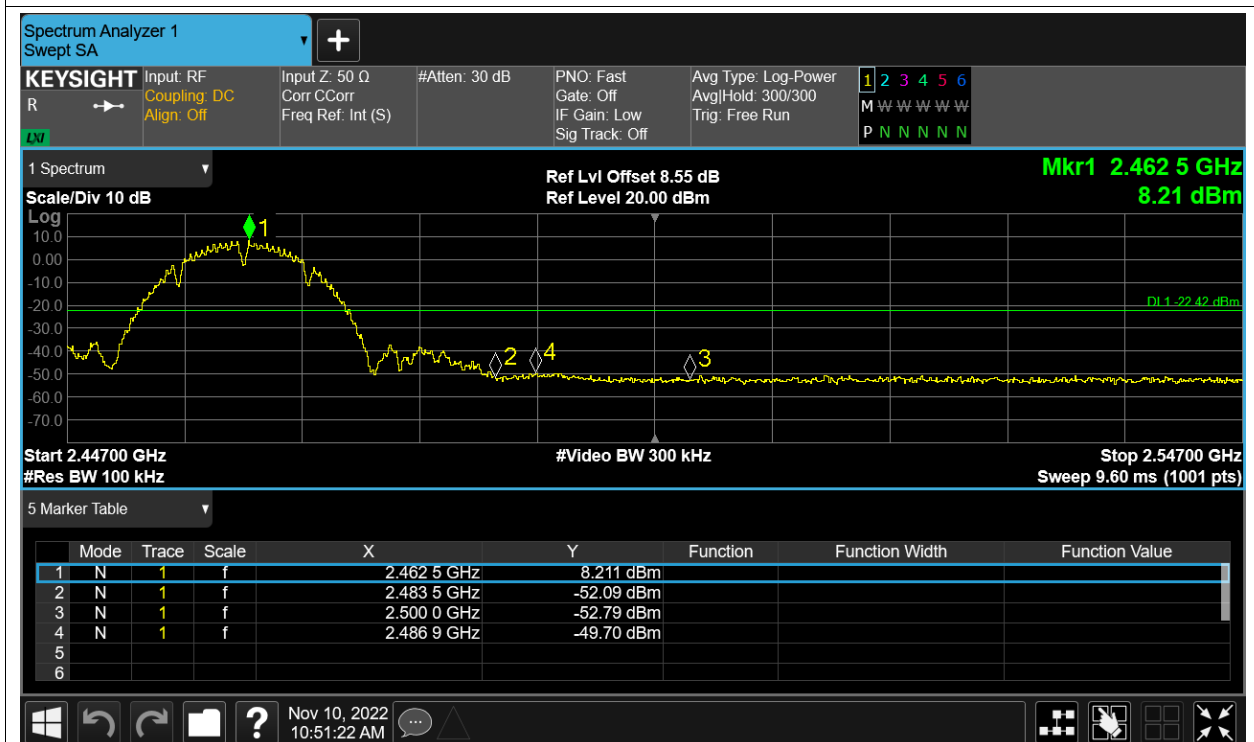
Band Edge NVNT b 2412MHz Ant3 Emission



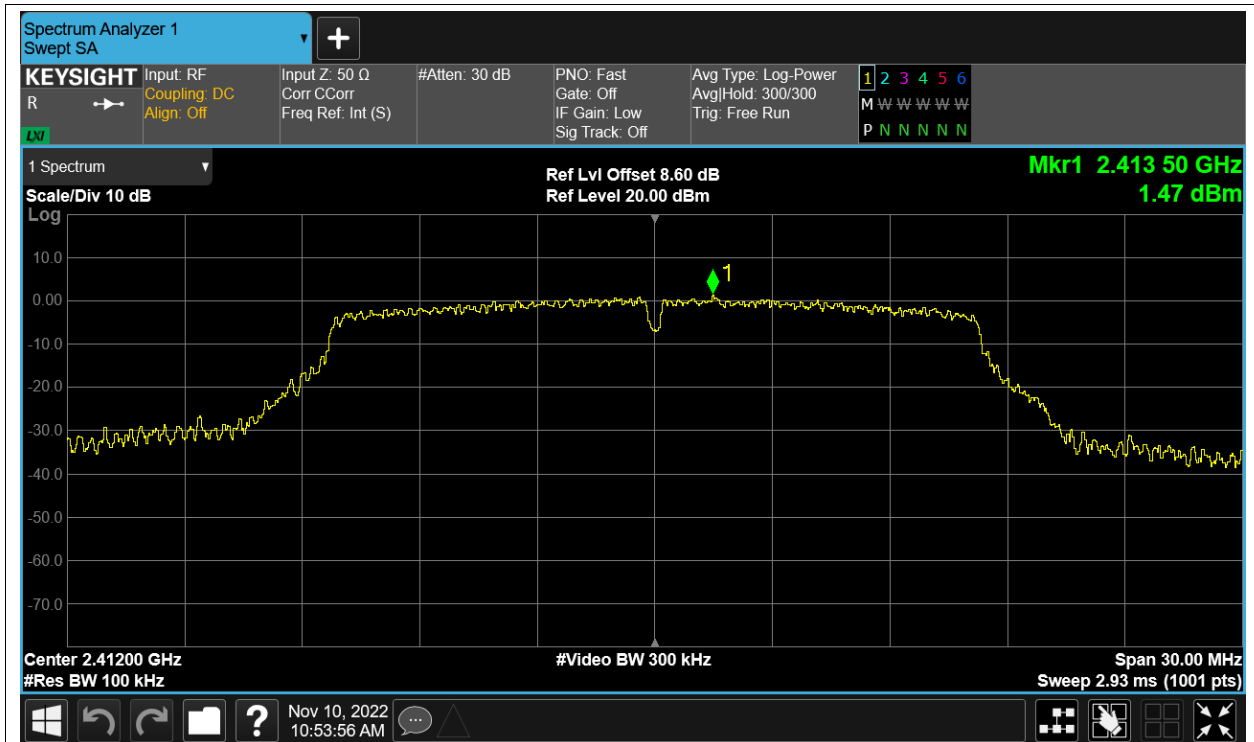
Band Edge NVNT b 2462MHz Ant3 Ref



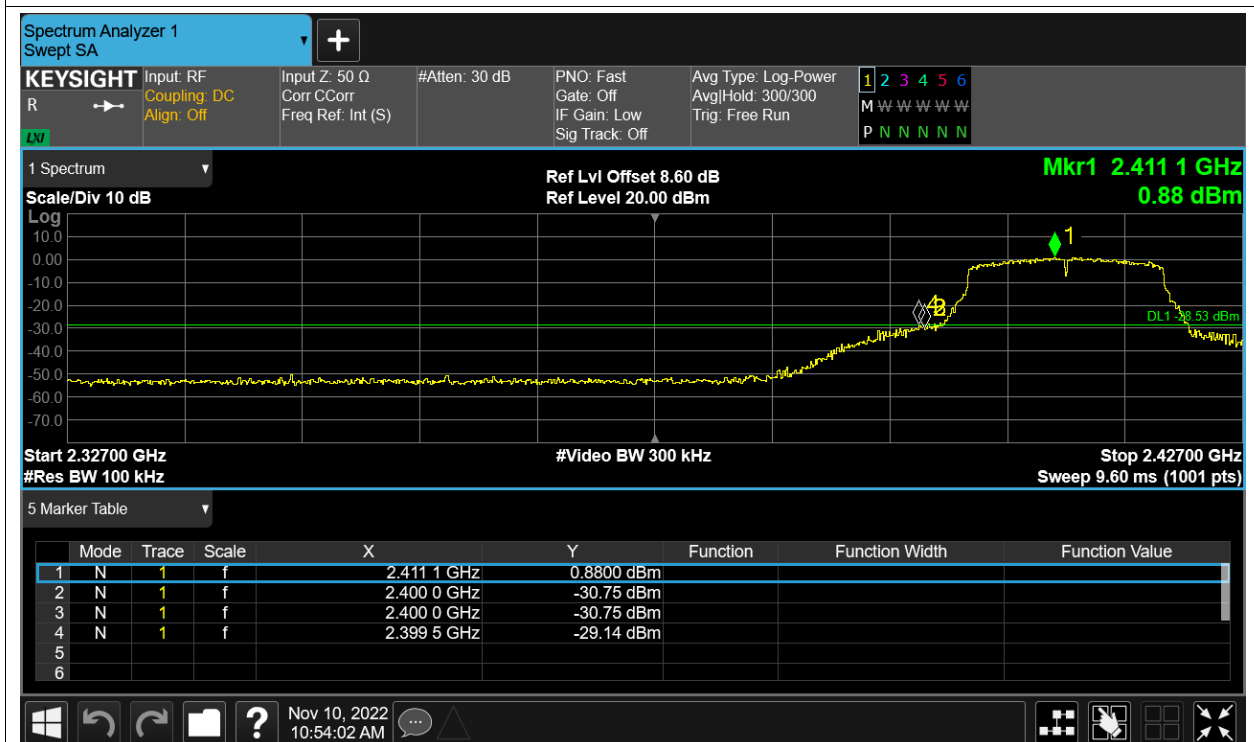
Band Edge NVNT b 2462MHz Ant3 Emission



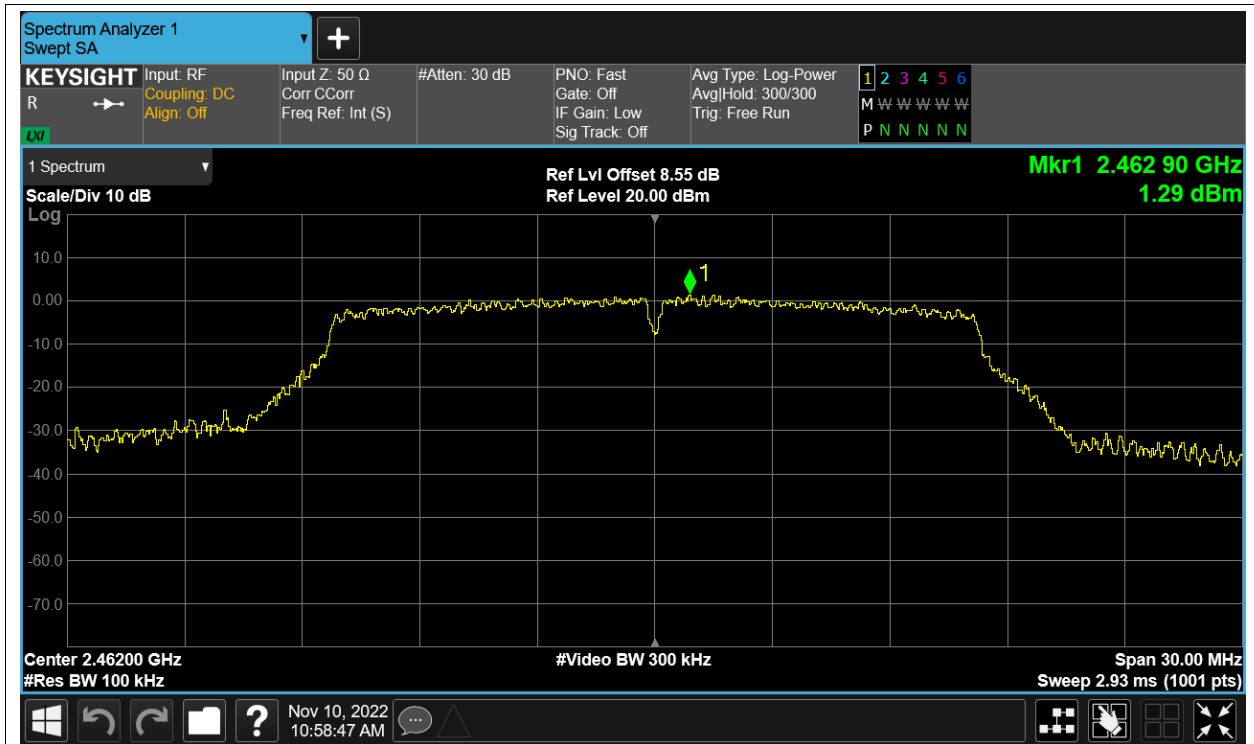
Band Edge NVNT g 2412MHz Ant3 Ref



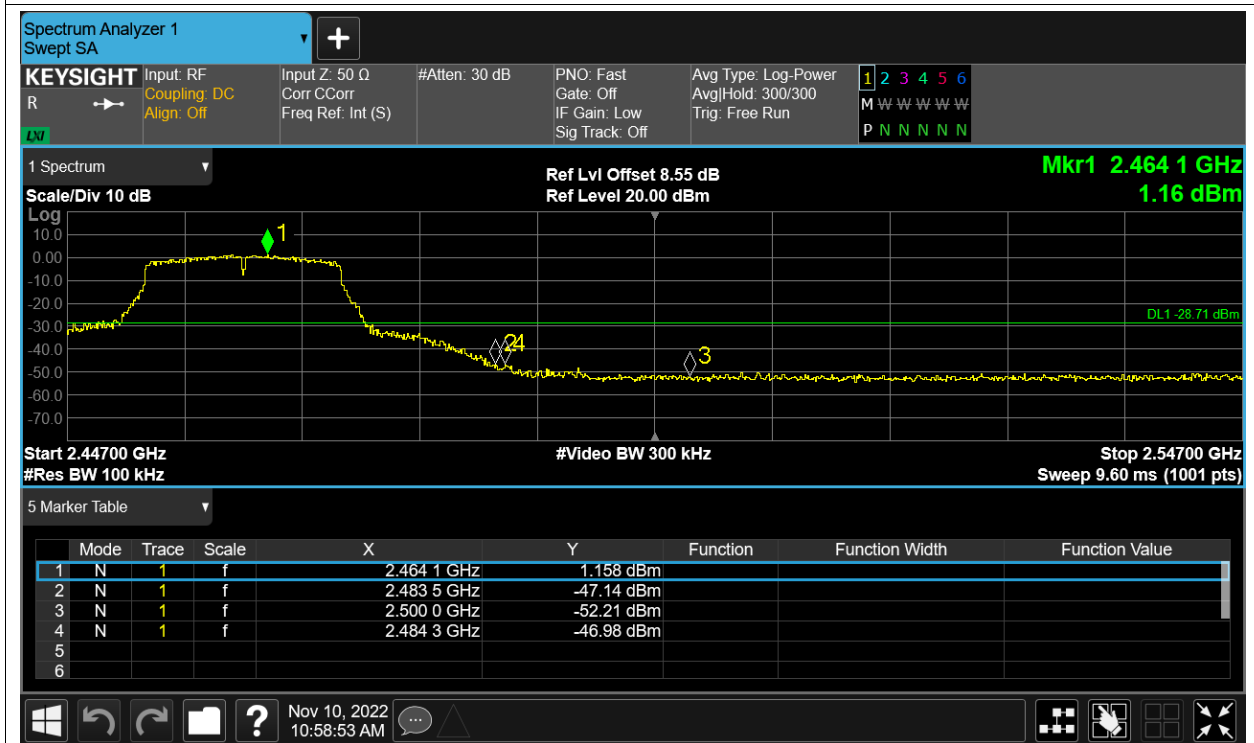
Band Edge NVNT g 2412MHz Ant3 Emission



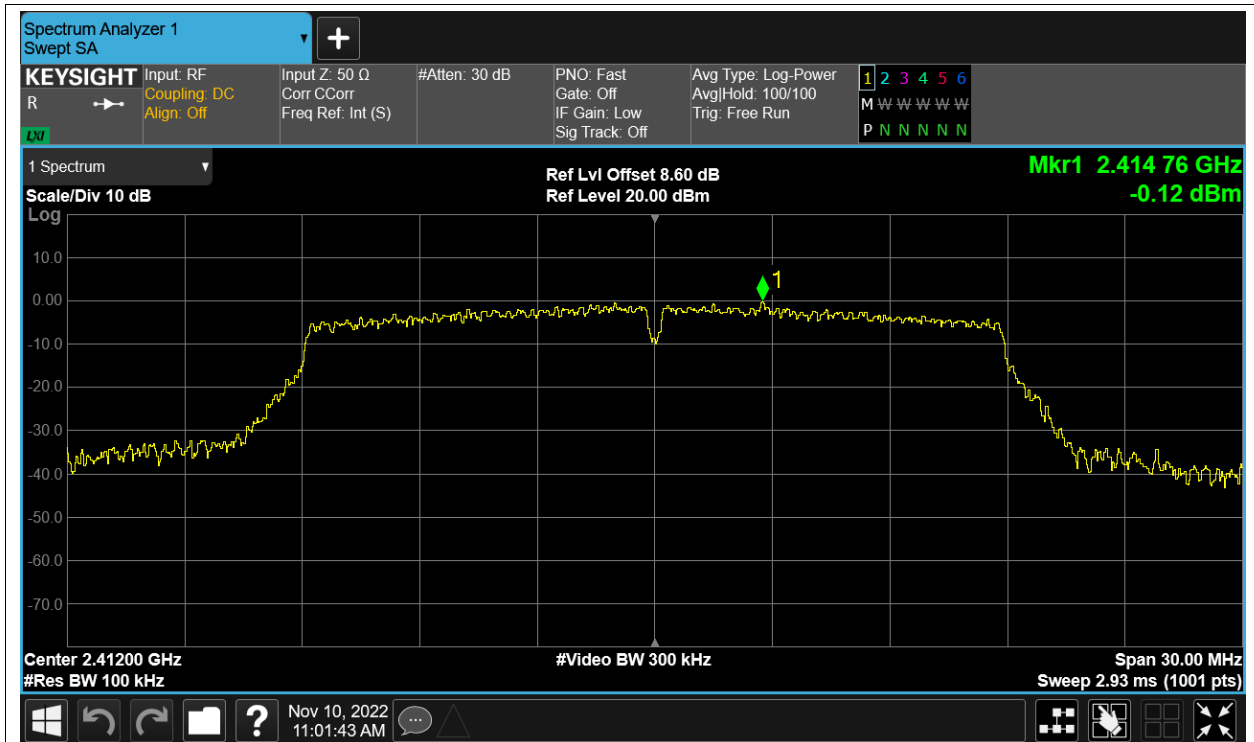
Band Edge NVNT g 2462MHz Ant3 Ref



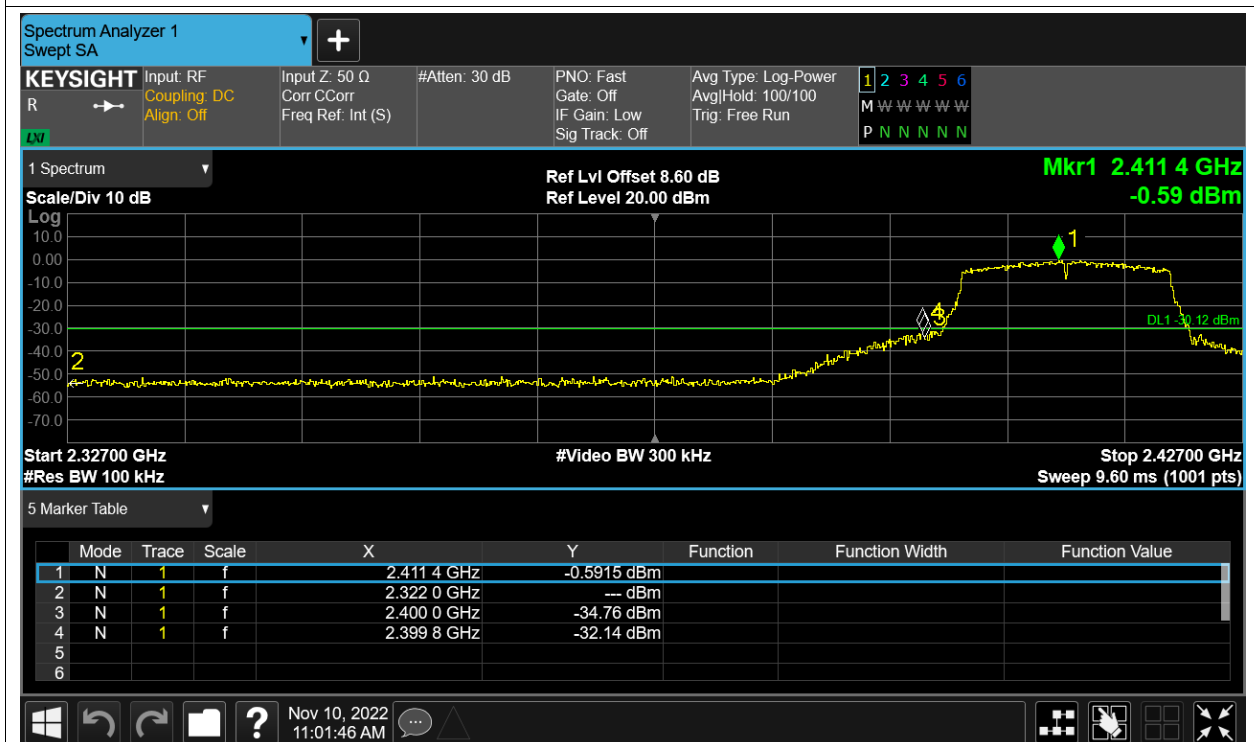
Band Edge NVNT g 2462MHz Ant3 Emission



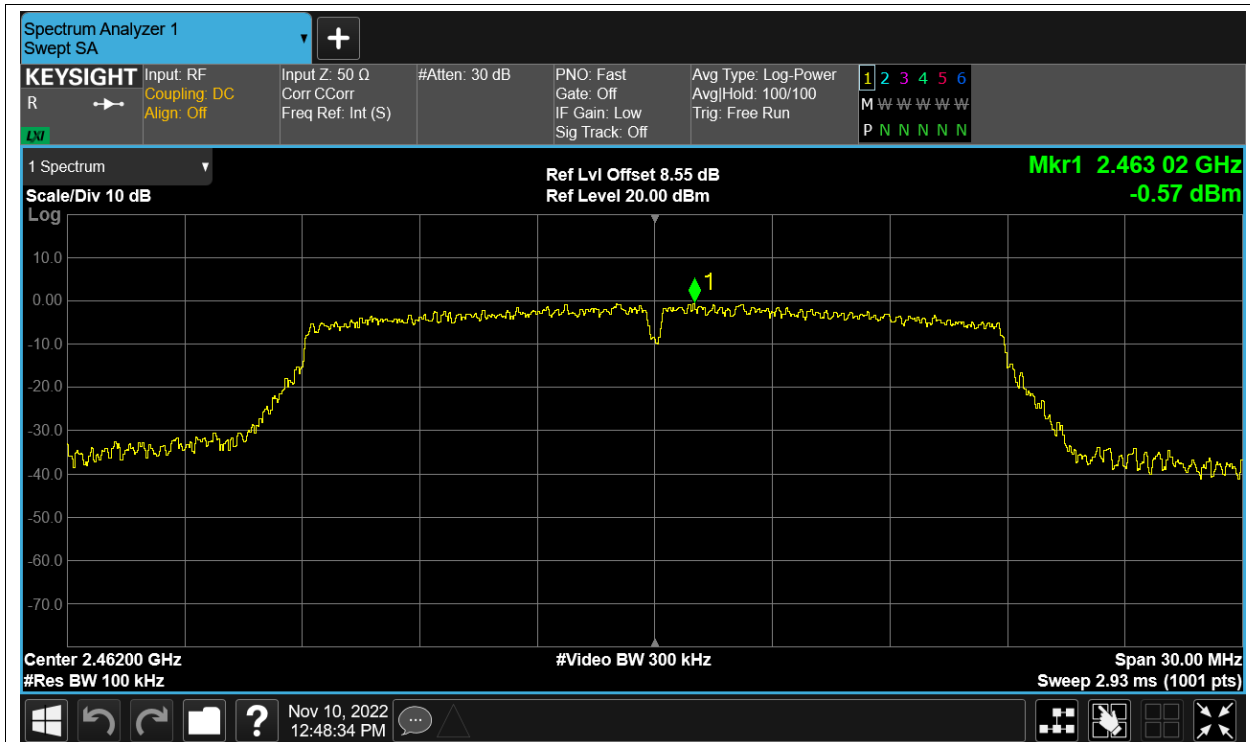
Band Edge NVNT n20 2412MHz Ant3 Ref



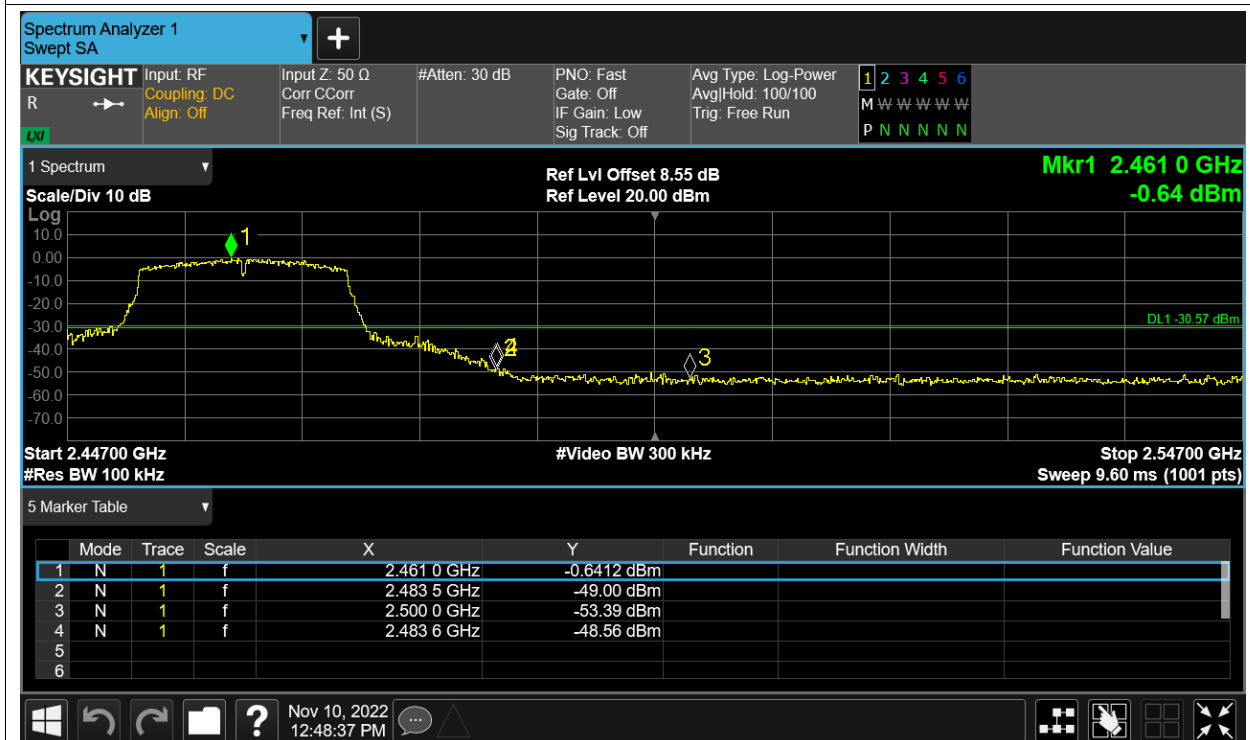
Band Edge NVNT n20 2412MHz Ant3 Emission



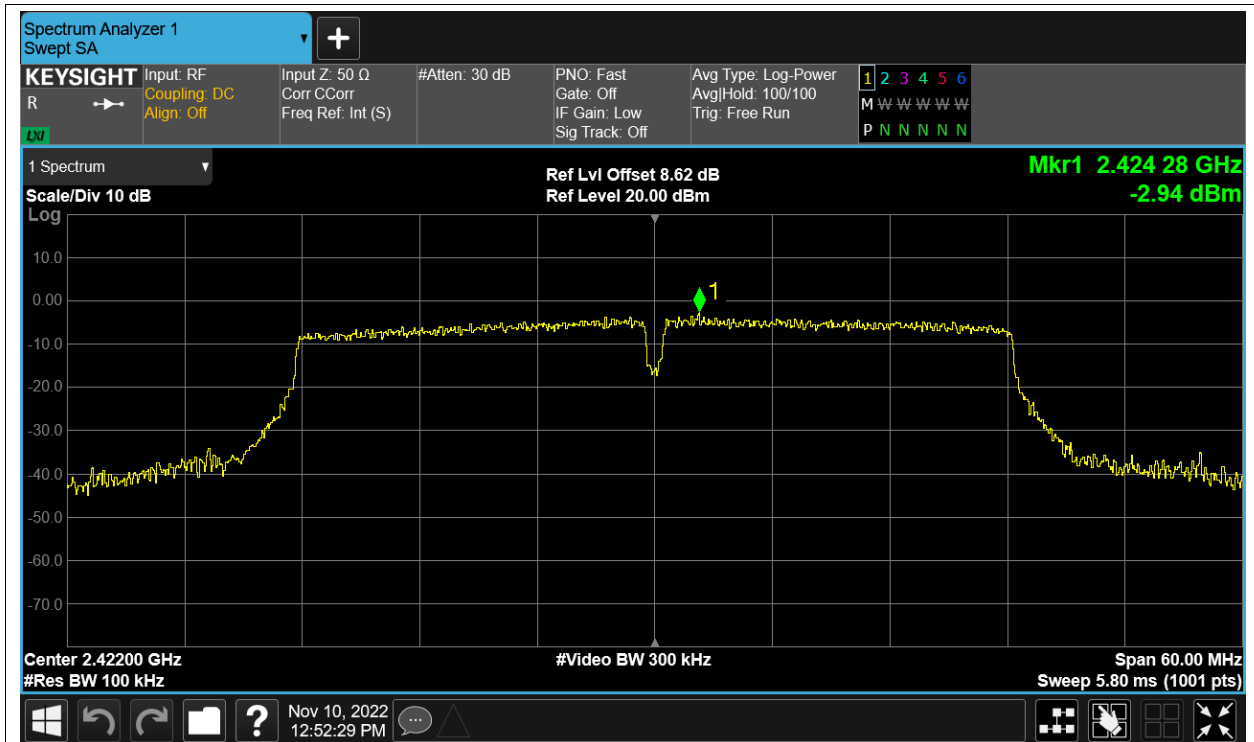
Band Edge NVNT n20 2462MHz Ant3 Ref



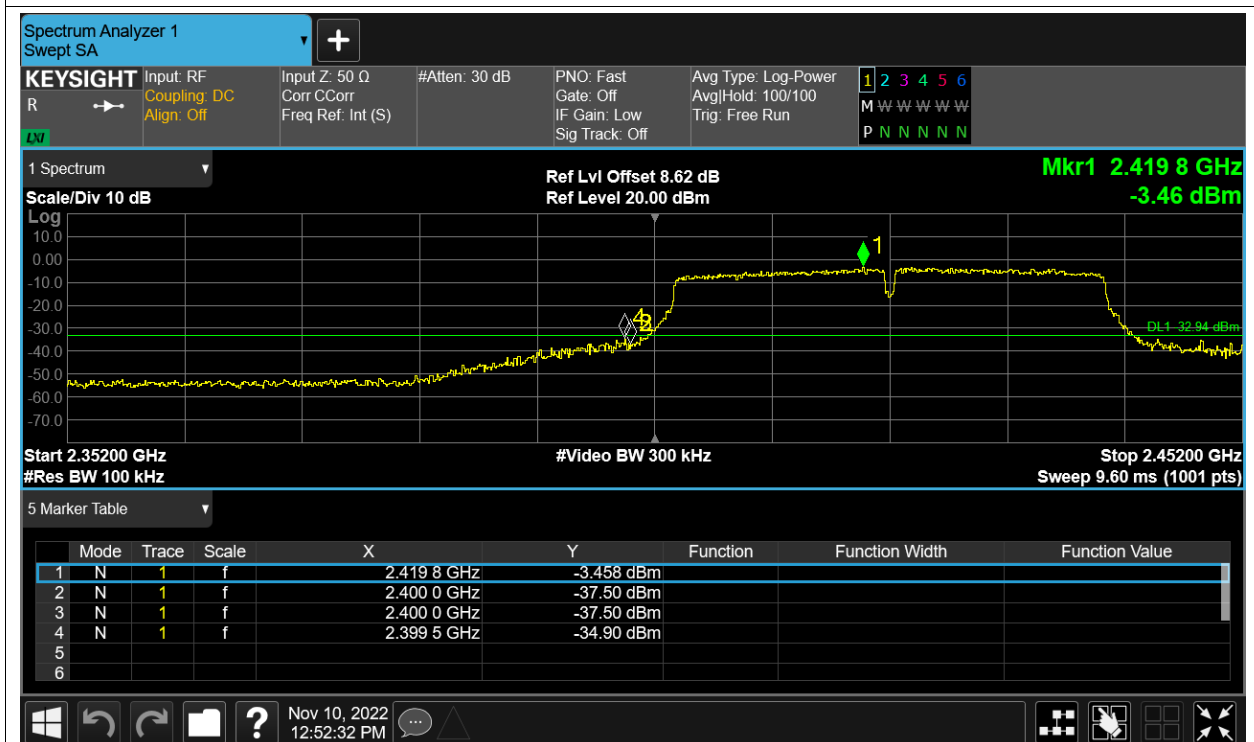
Band Edge NVNT n20 2462MHz Ant3 Emission



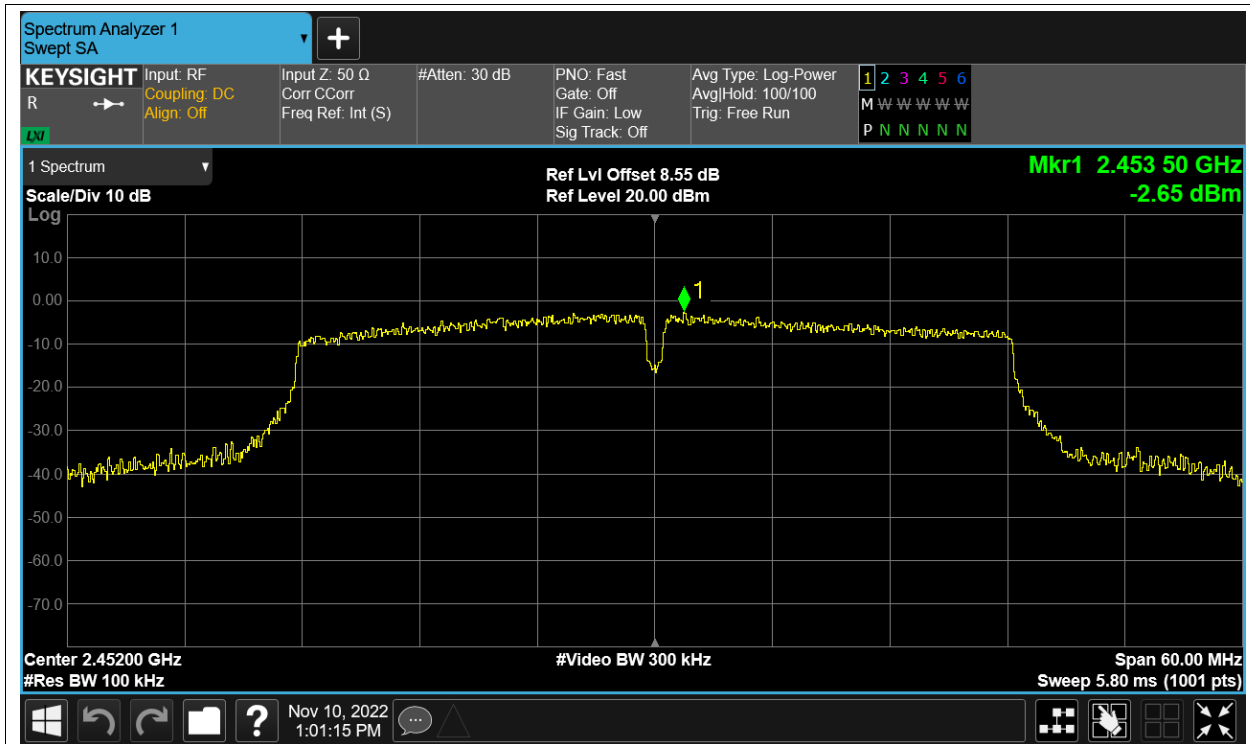
Band Edge NVNT n40 2422MHz Ant3 Ref



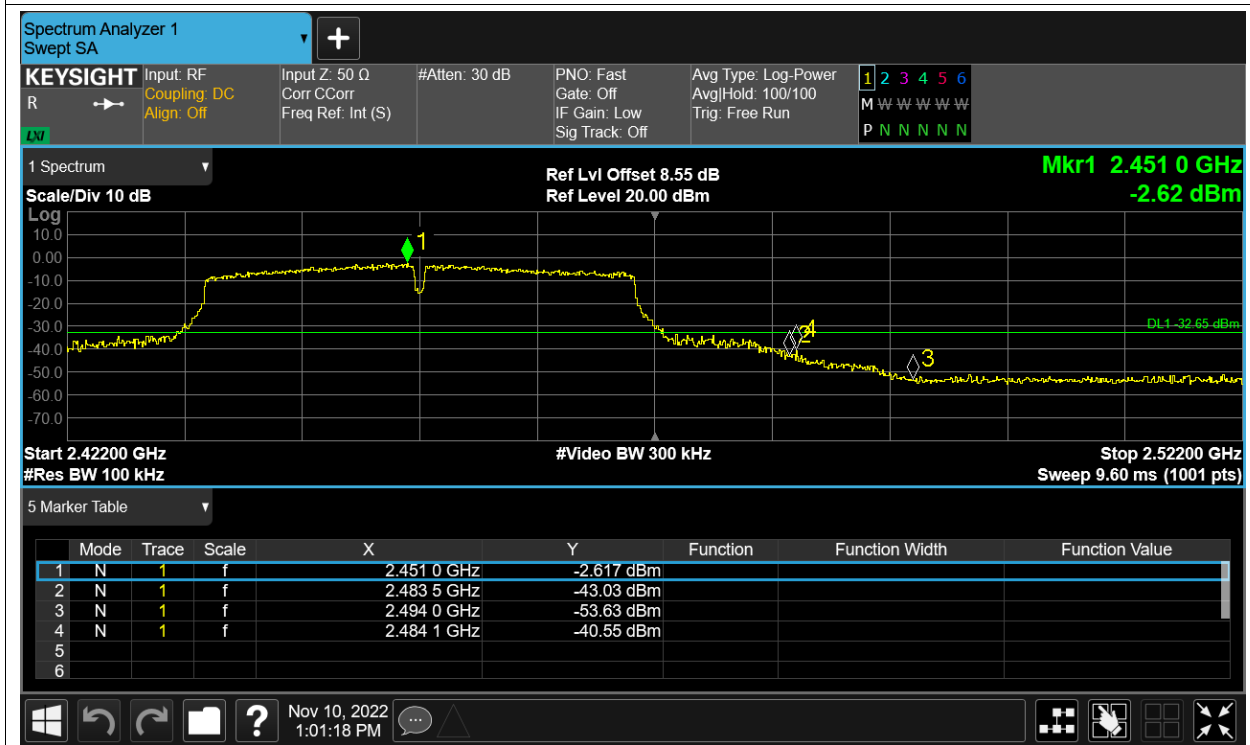
Band Edge NVNT n40 2422MHz Ant3 Emission



Band Edge NVNT n40 2452MHz Ant3 Ref



Band Edge NVNT n40 2452MHz Ant3 Emission

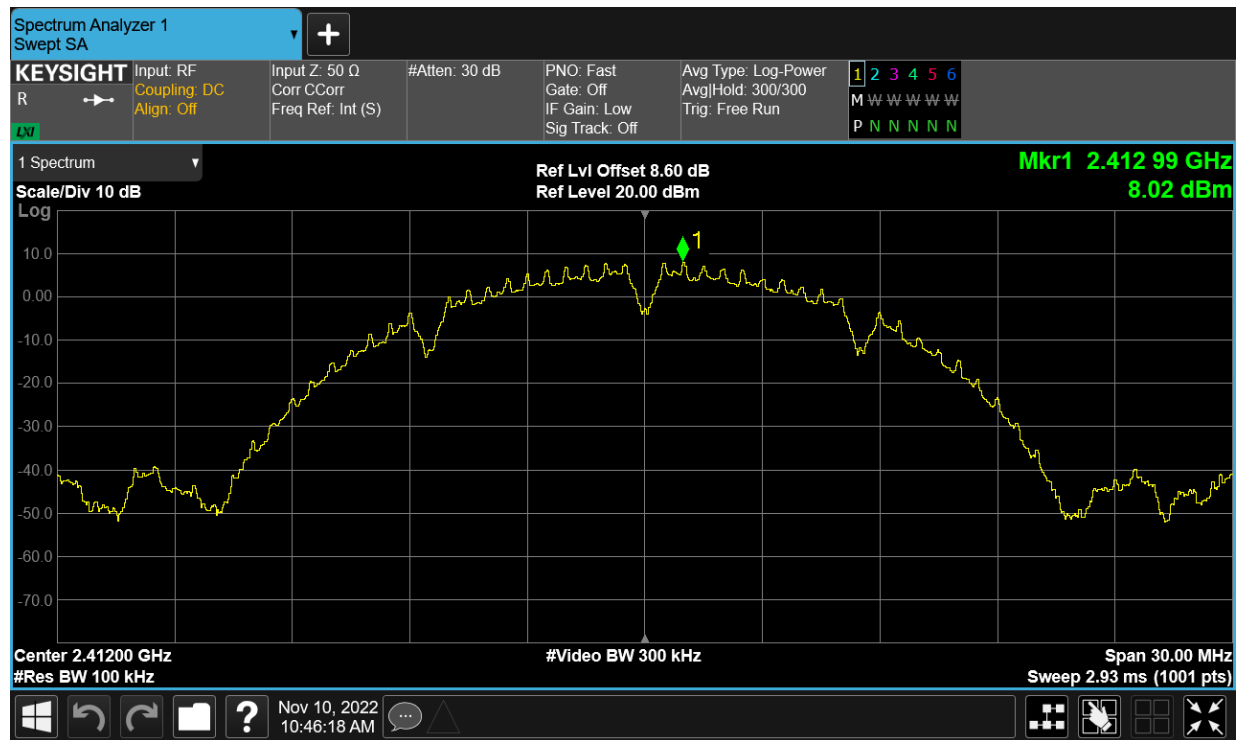


Conducted RF Spurious Emission

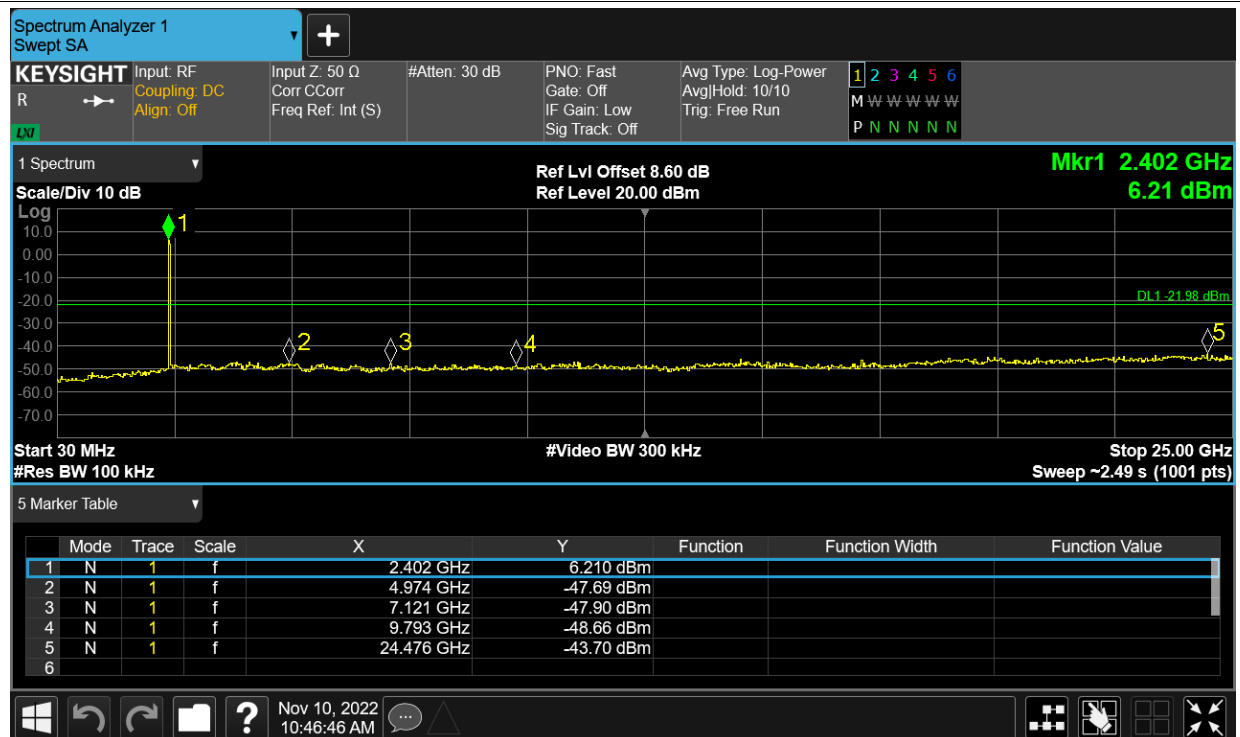
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant3	-51.72	-30	Pass
NVNT	b	2437	Ant3	-51.61	-30	Pass
NVNT	b	2462	Ant3	-51.49	-30	Pass
NVNT	g	2412	Ant3	-44.79	-30	Pass
NVNT	g	2437	Ant3	-44.29	-30	Pass
NVNT	g	2462	Ant3	-44.19	-30	Pass
NVNT	n20	2412	Ant3	-42.83	-30	Pass
NVNT	n20	2437	Ant3	-42.09	-30	Pass
NVNT	n20	2462	Ant3	-54.06	-30	Pass
NVNT	n40	2422	Ant3	-40.49	-30	Pass
NVNT	n40	2437	Ant3	-41.21	-30	Pass
NVNT	n40	2452	Ant3	-41.07	-30	Pass

Test Graphs

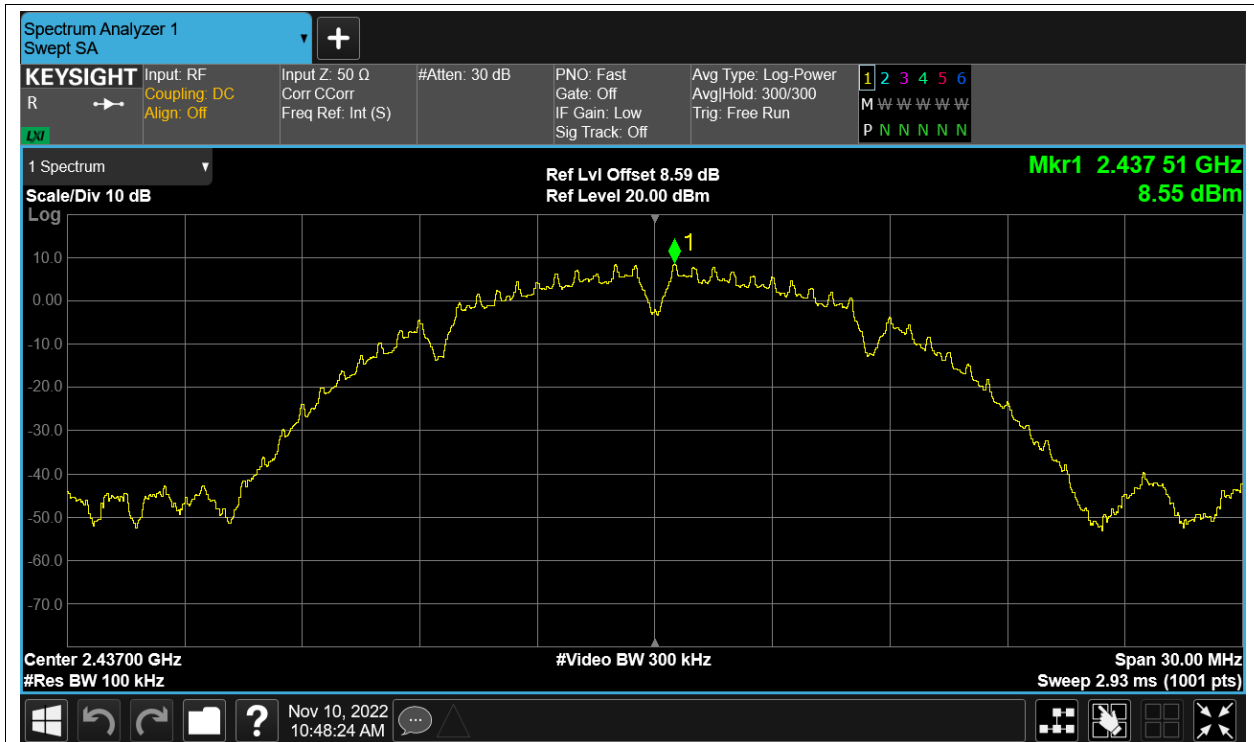
Tx. Spurious NVNT b 2412MHz Ant3 Ref



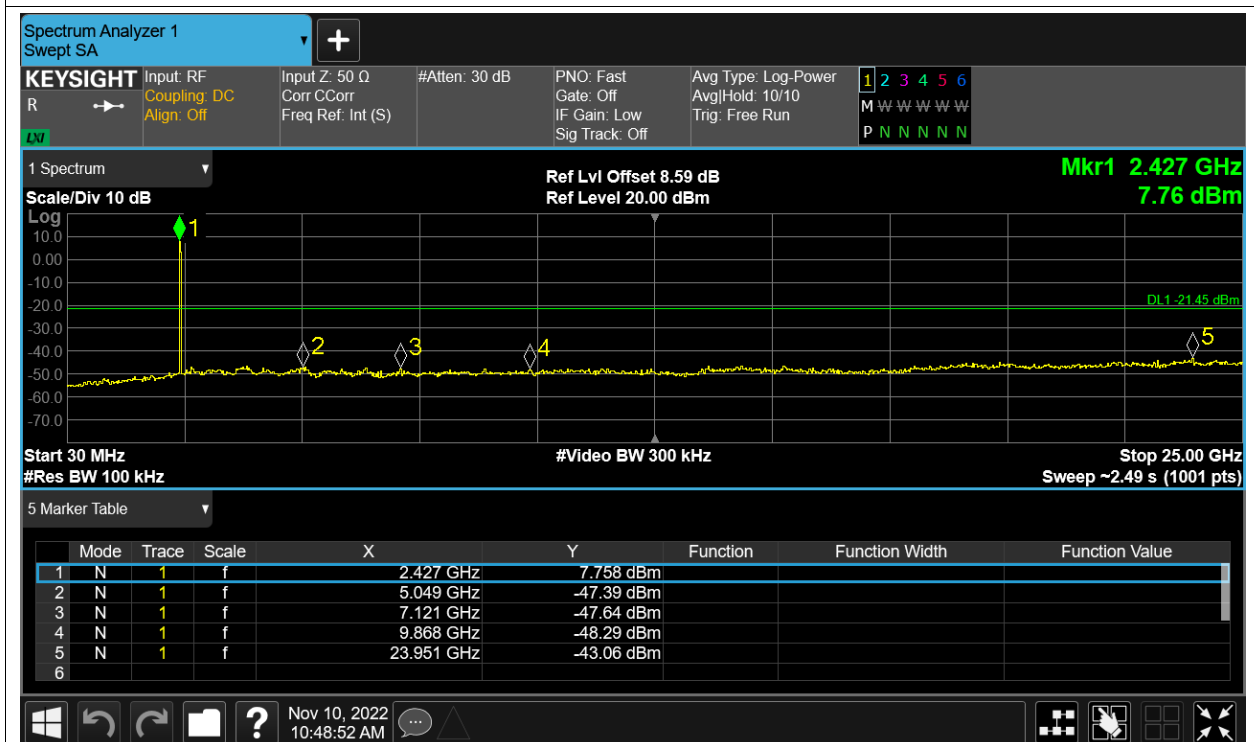
Tx. Spurious NVNT b 2412MHz Ant3 Emission



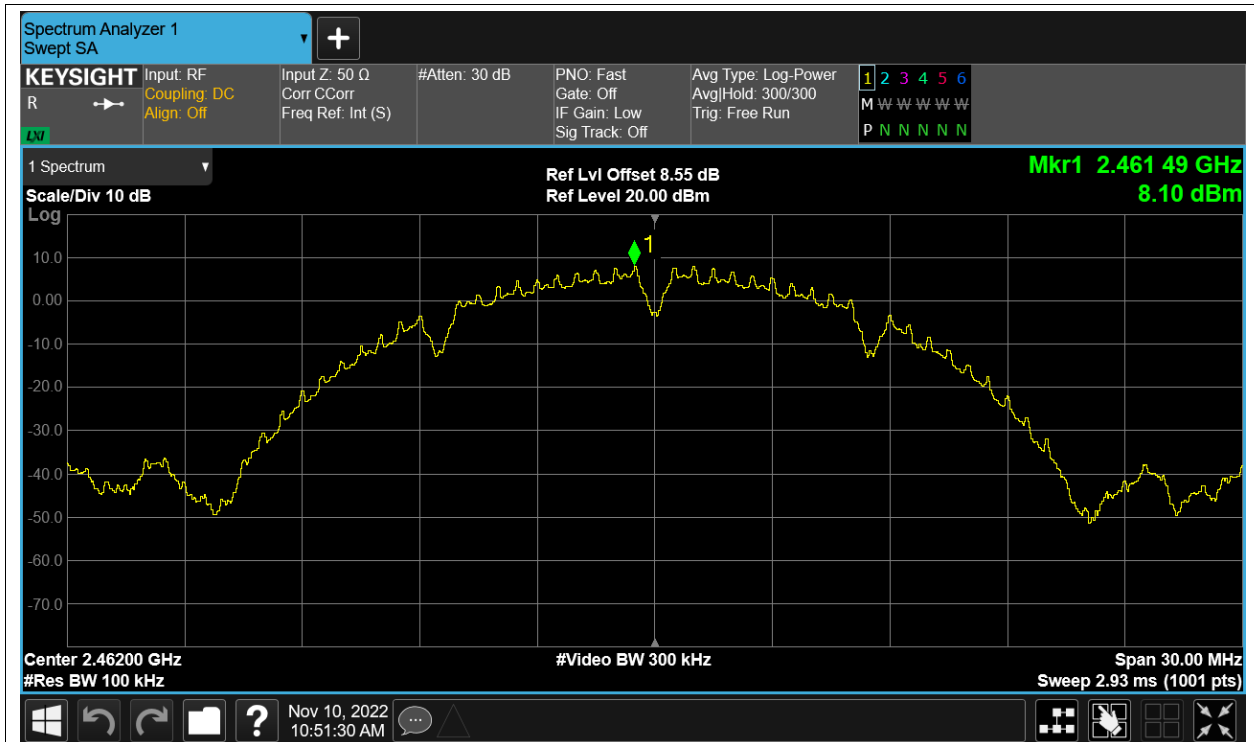
Tx. Spurious NVNT b 2437MHz Ant3 Ref



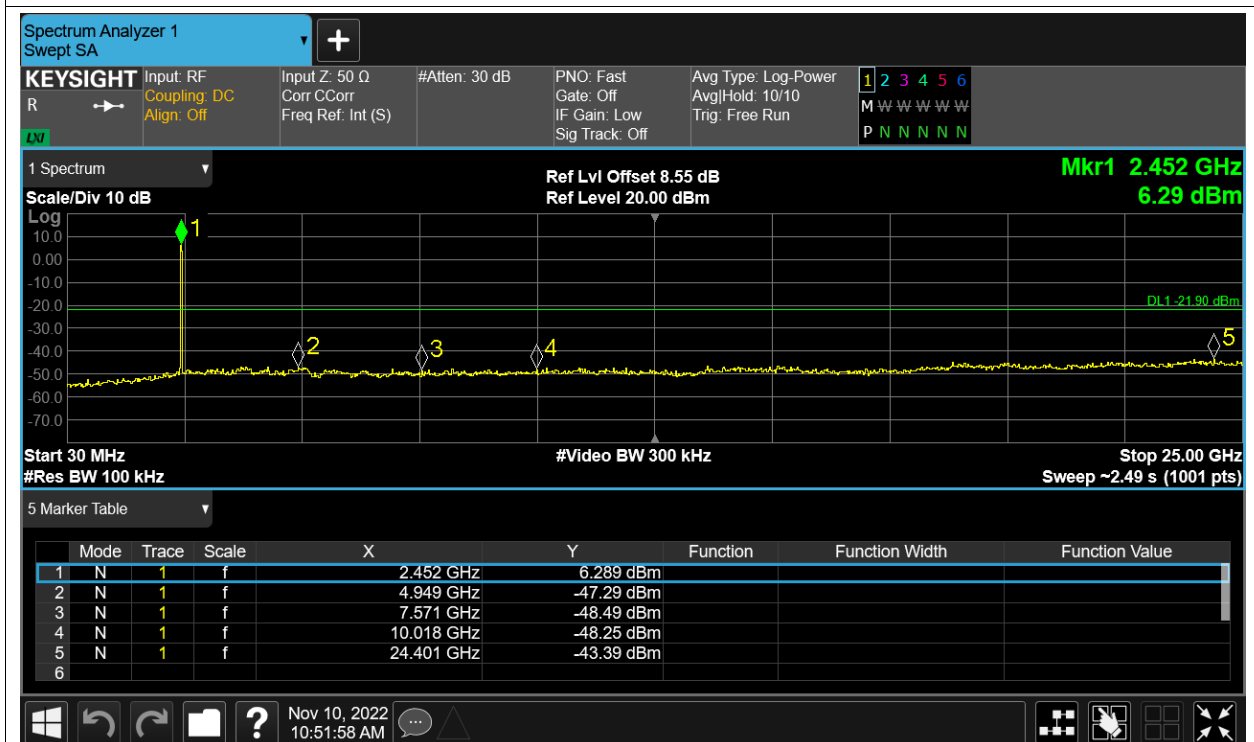
Tx. Spurious NVNT b 2437MHz Ant3 Emission



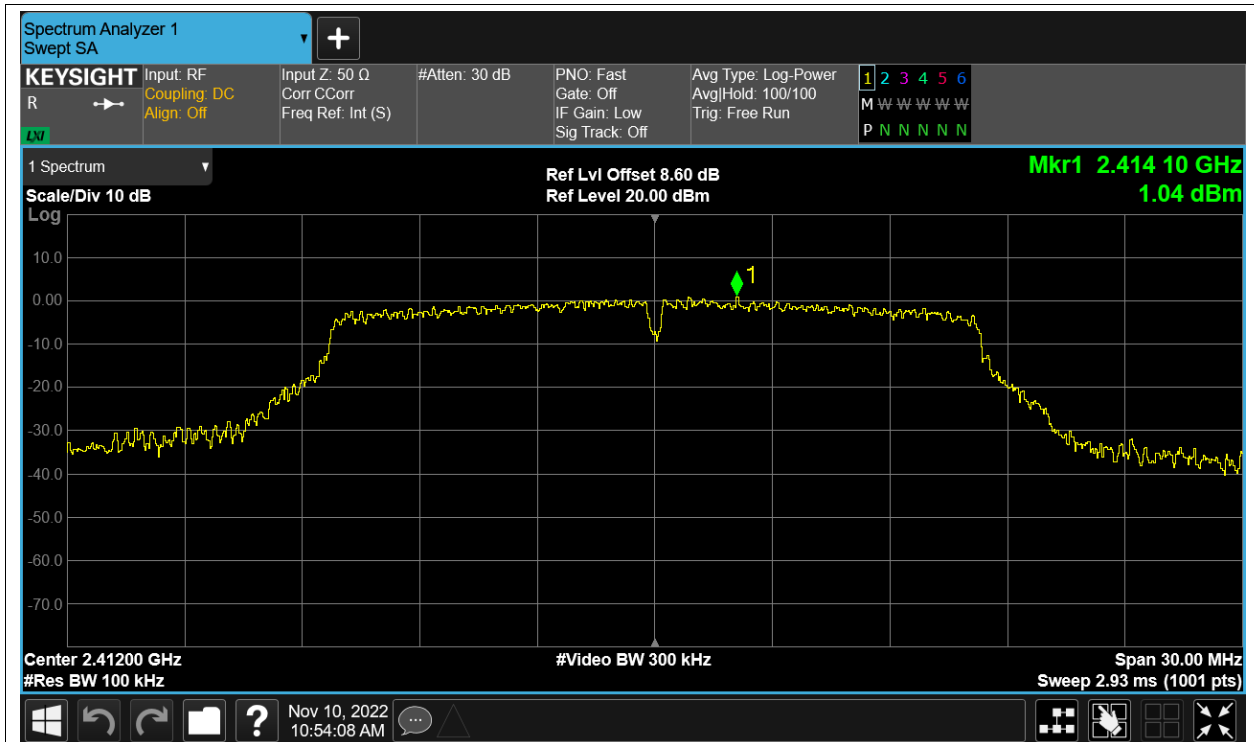
Tx. Spurious NVNT b 2462MHz Ant3 Ref



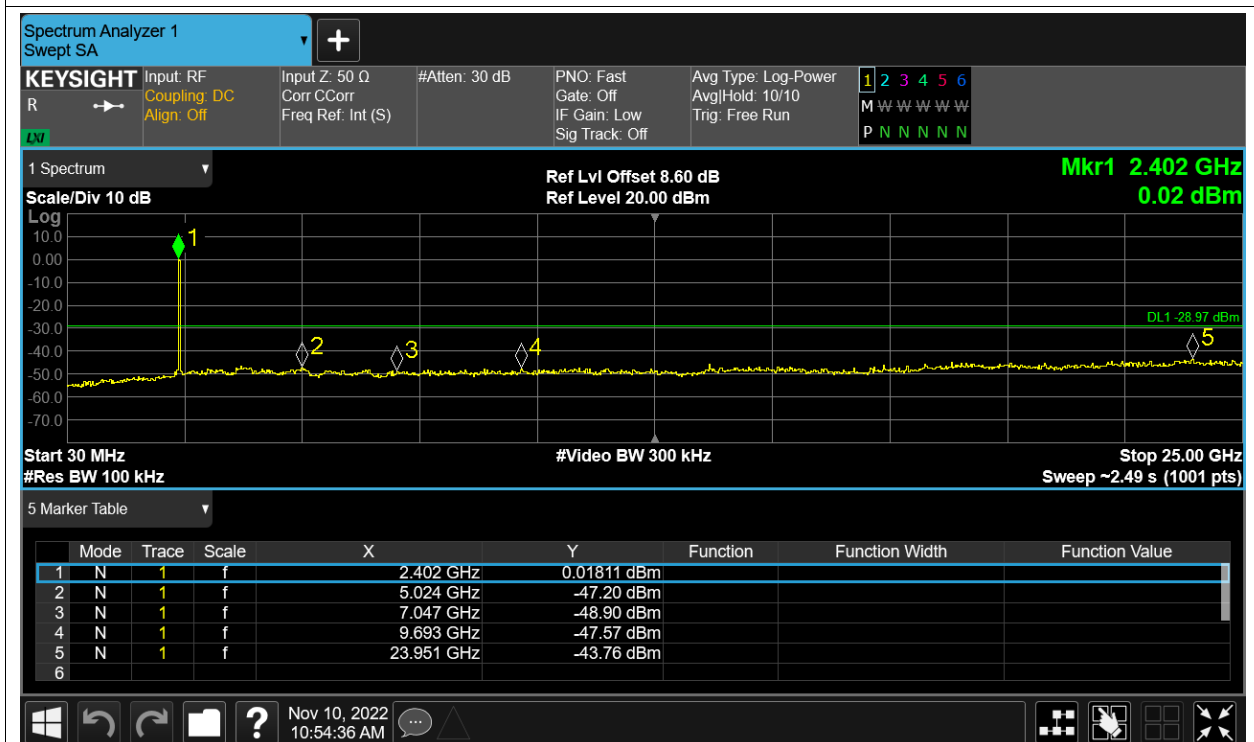
Tx. Spurious NVNT b 2462MHz Ant3 Emission



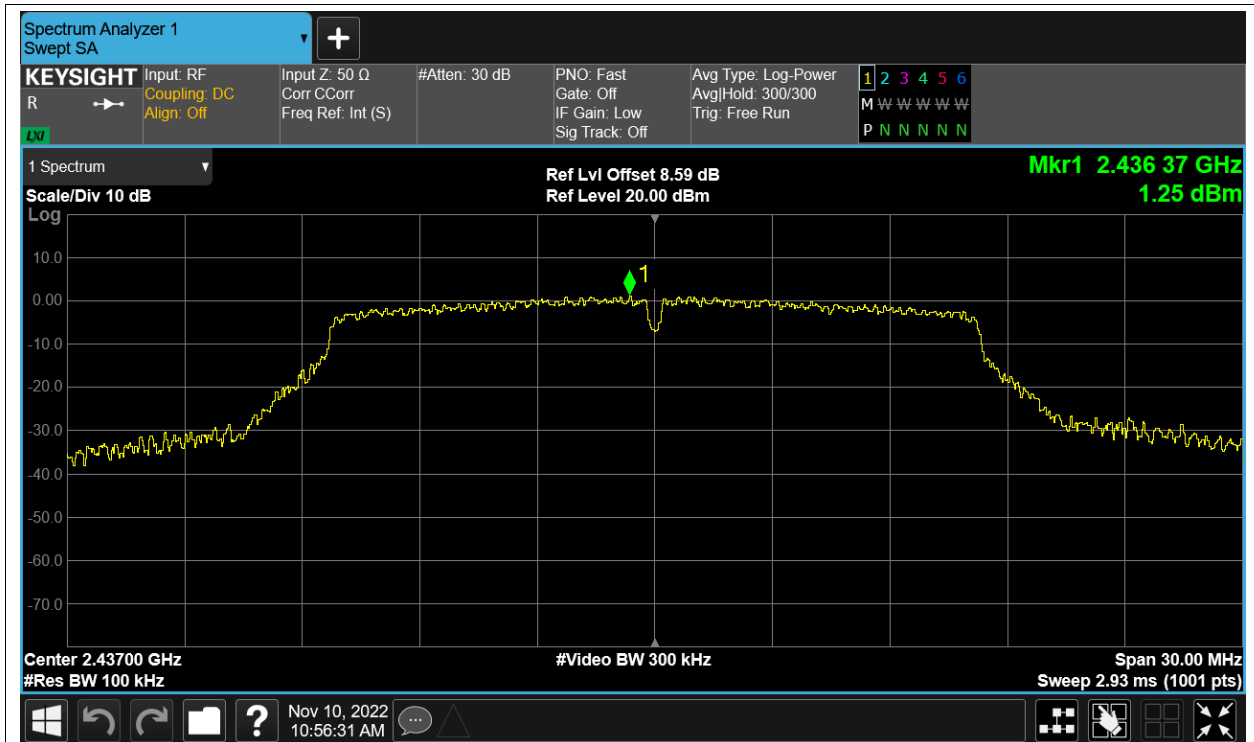
Tx. Spurious NVNT g 2412MHz Ant3 Ref



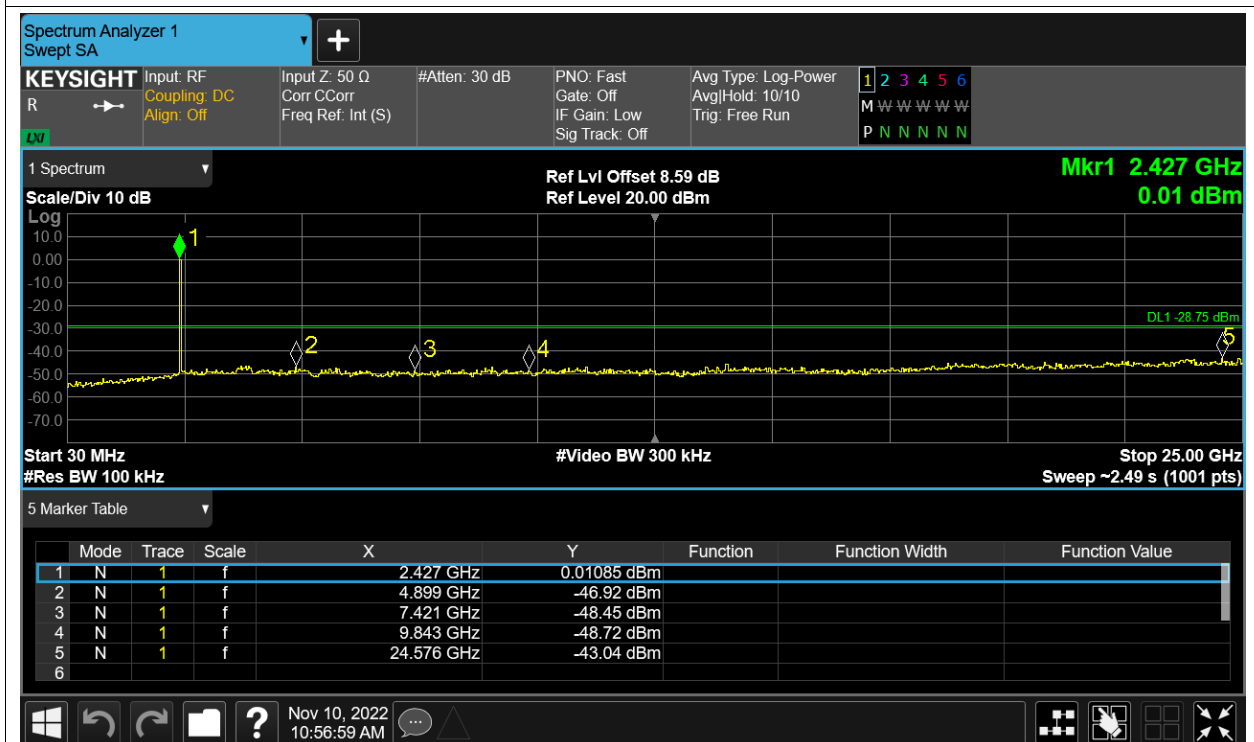
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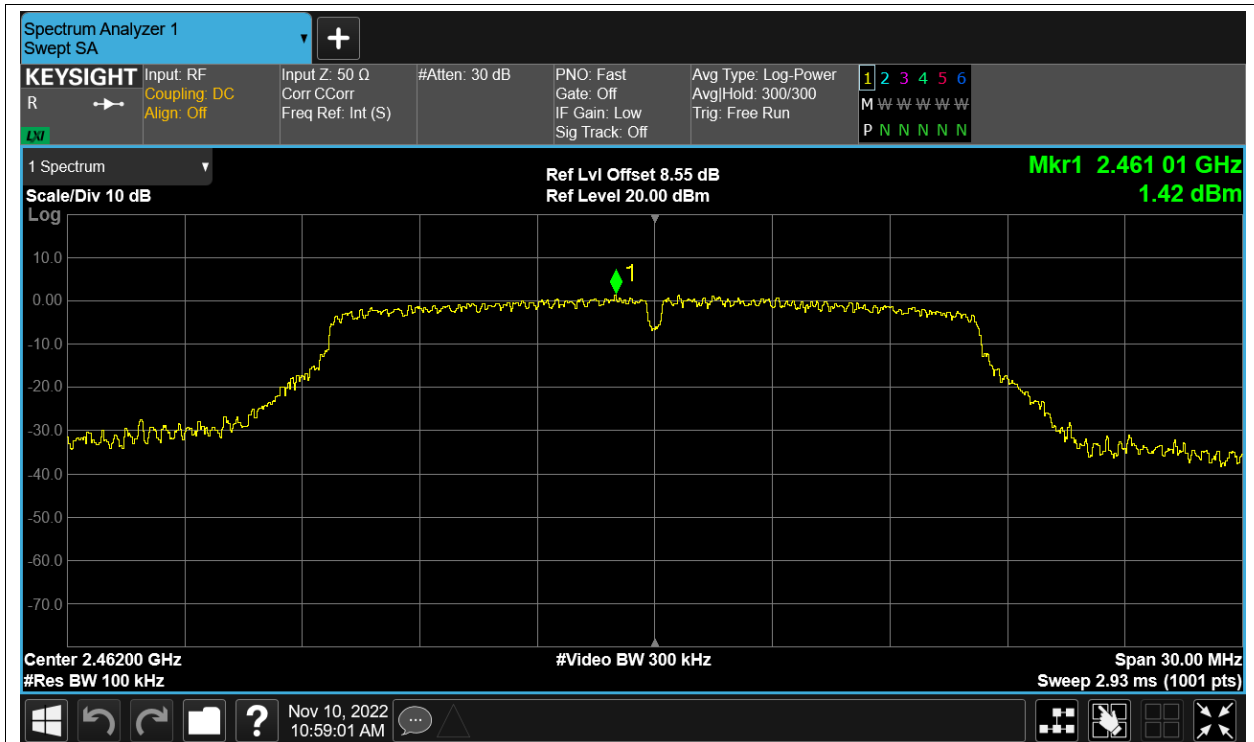
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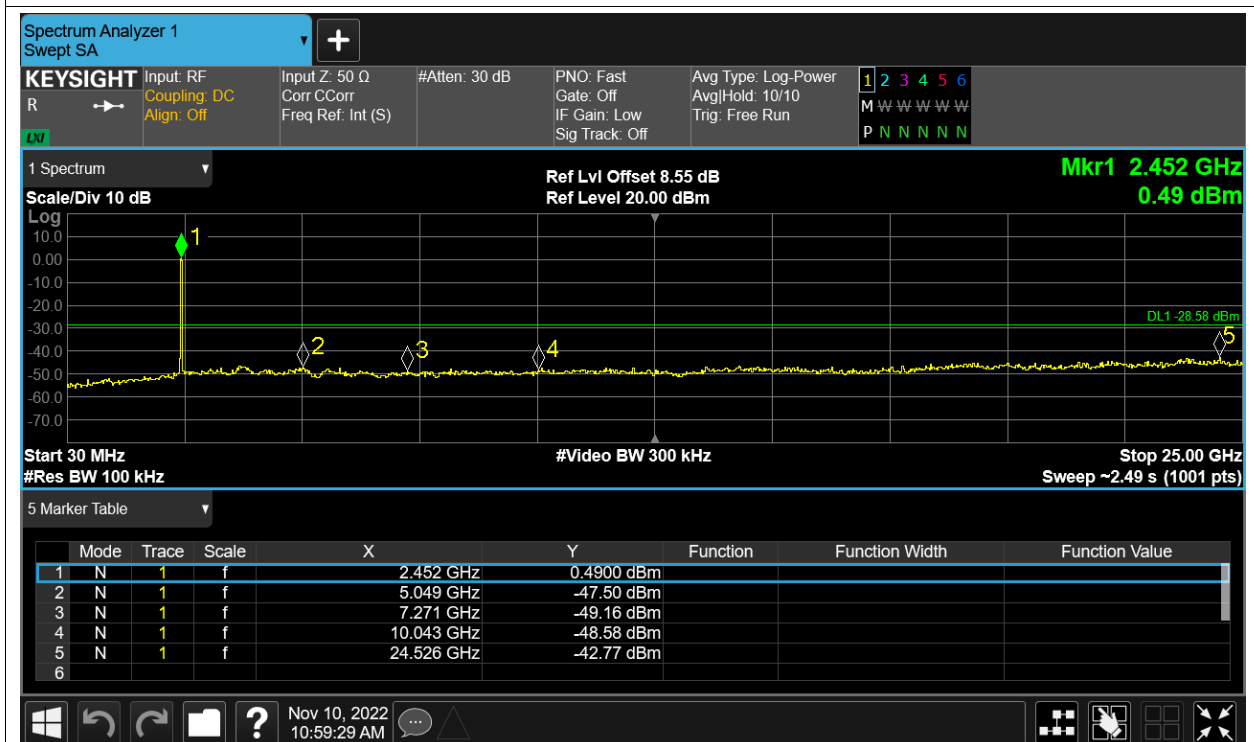
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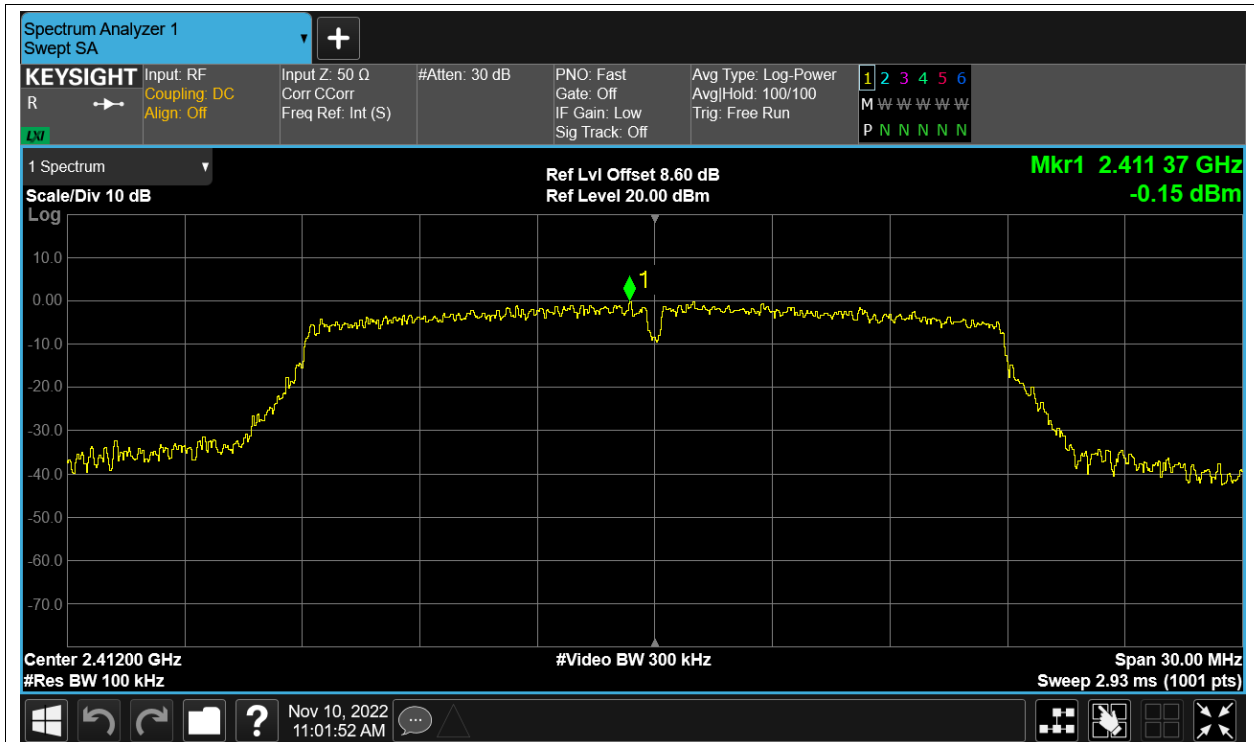
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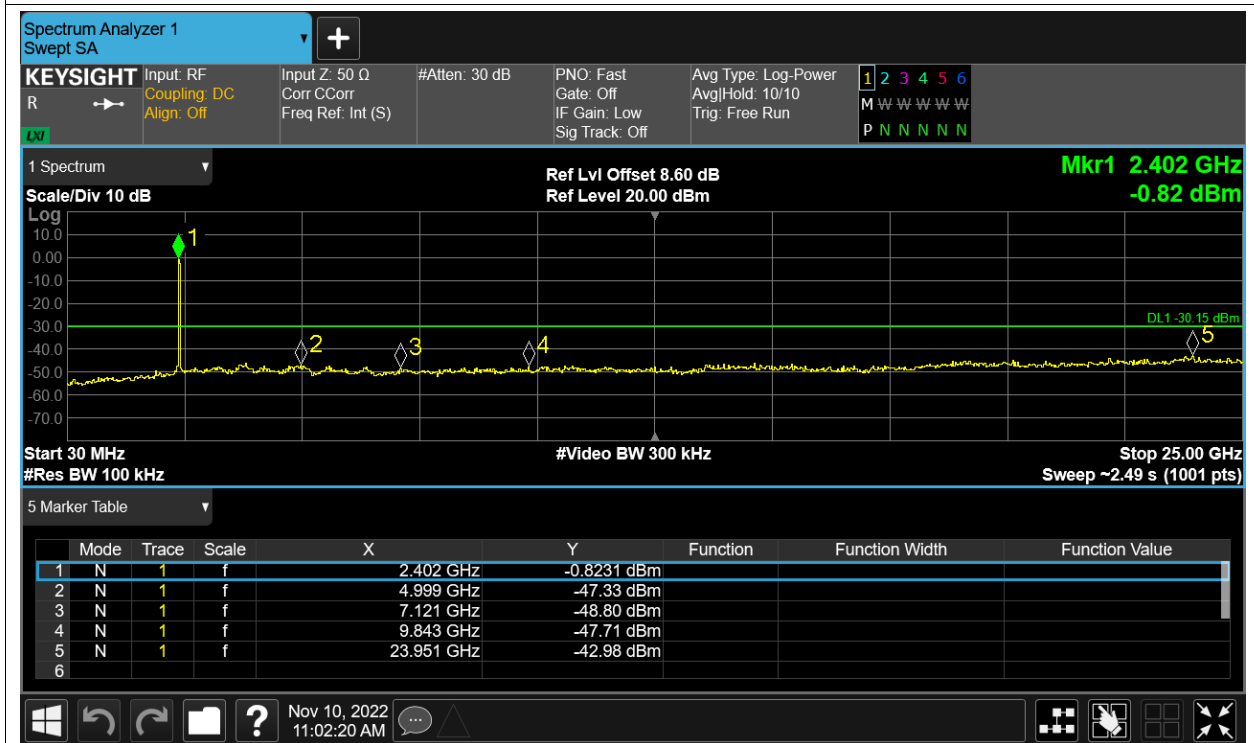
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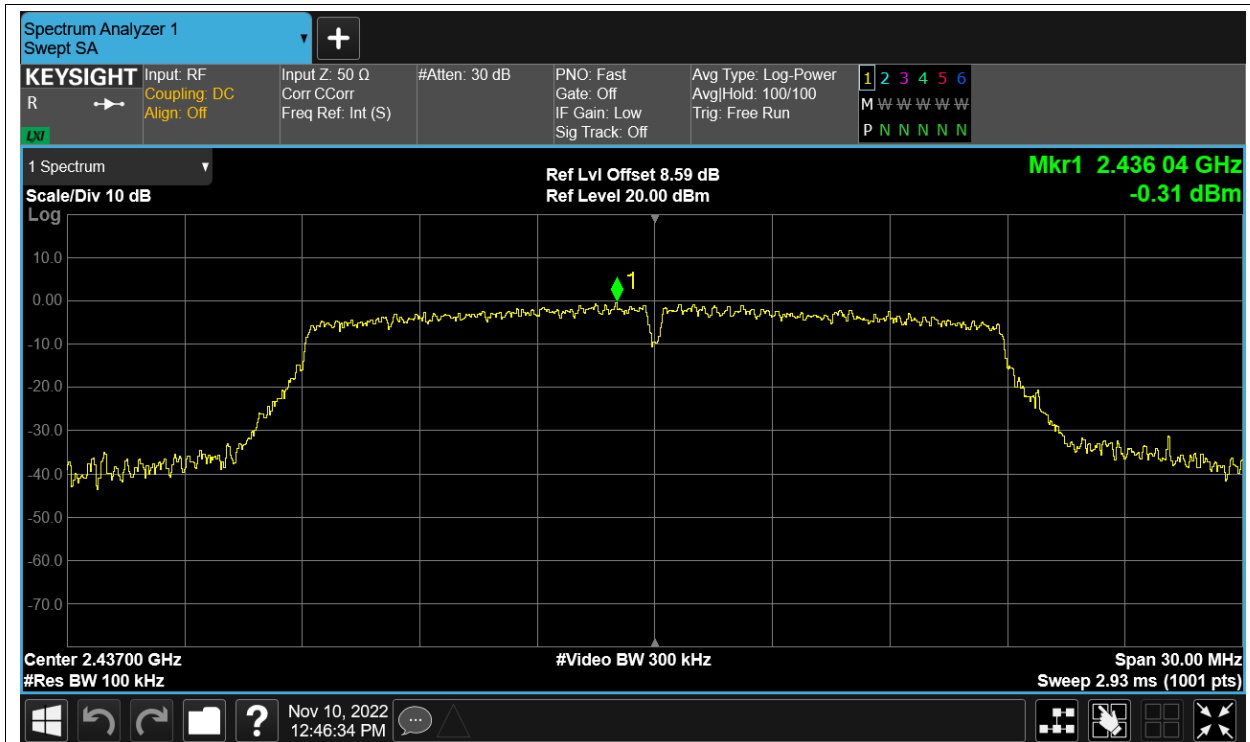
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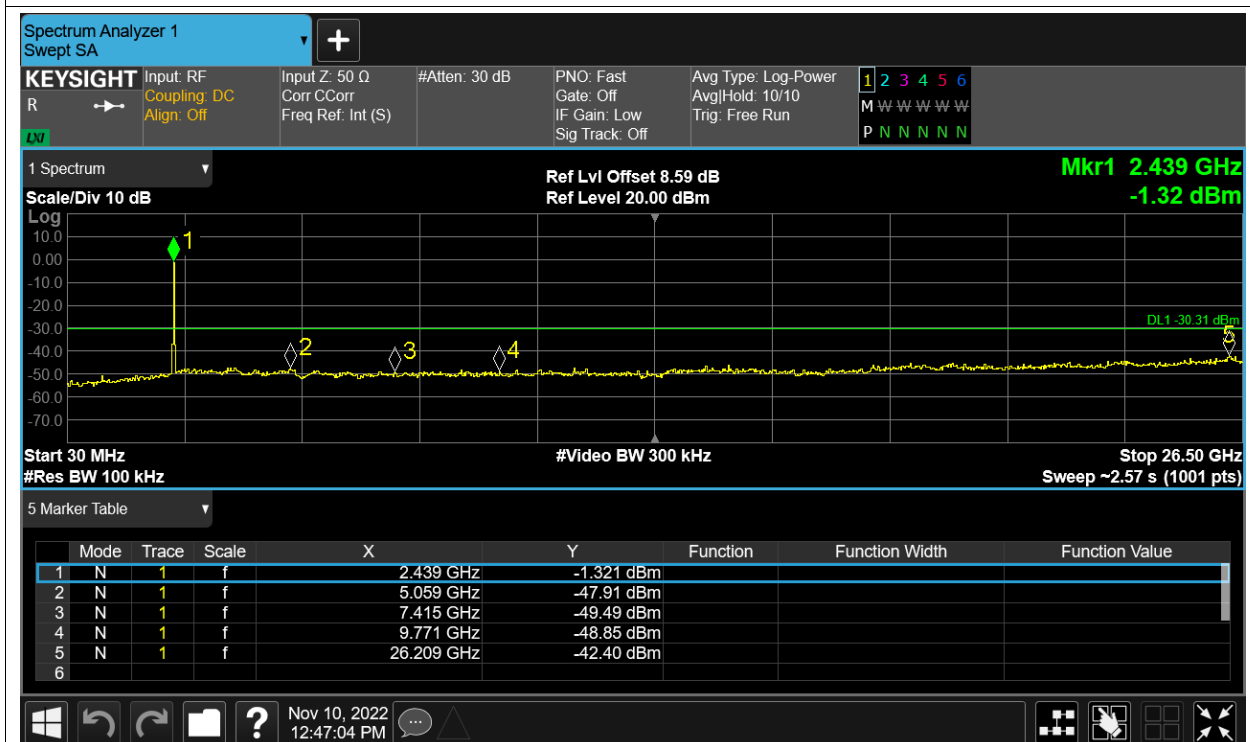
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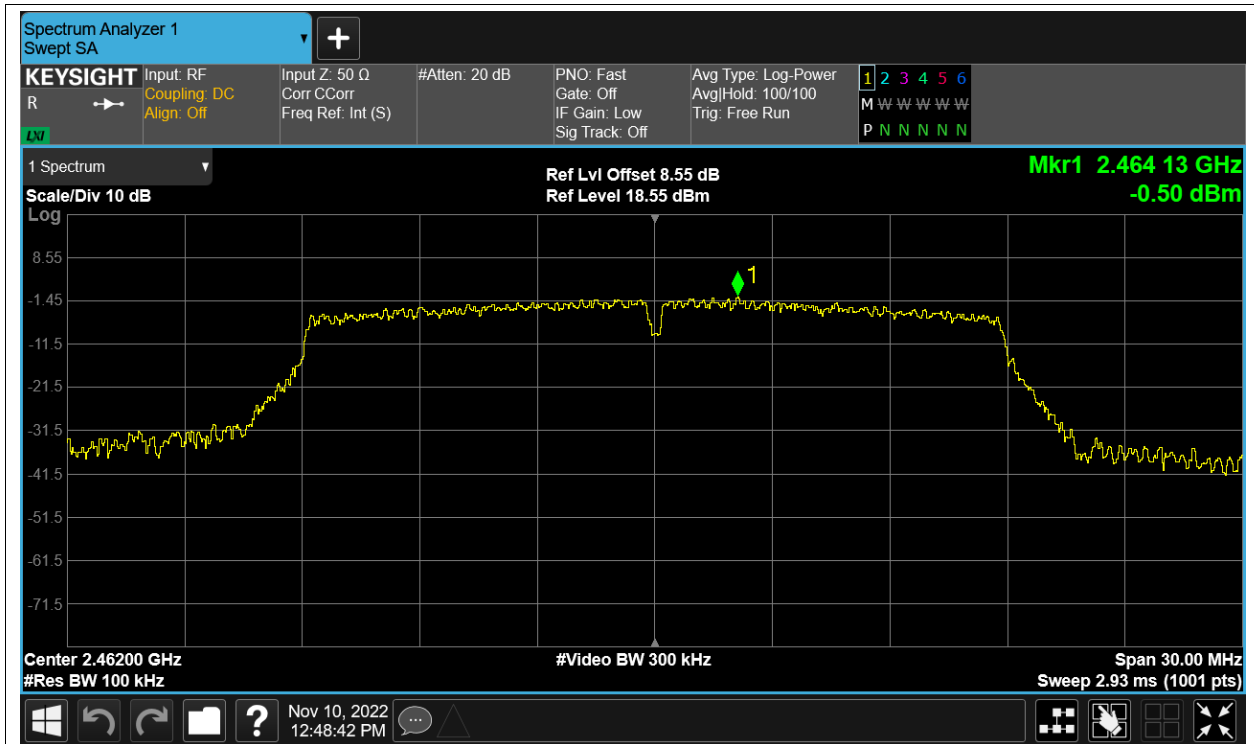
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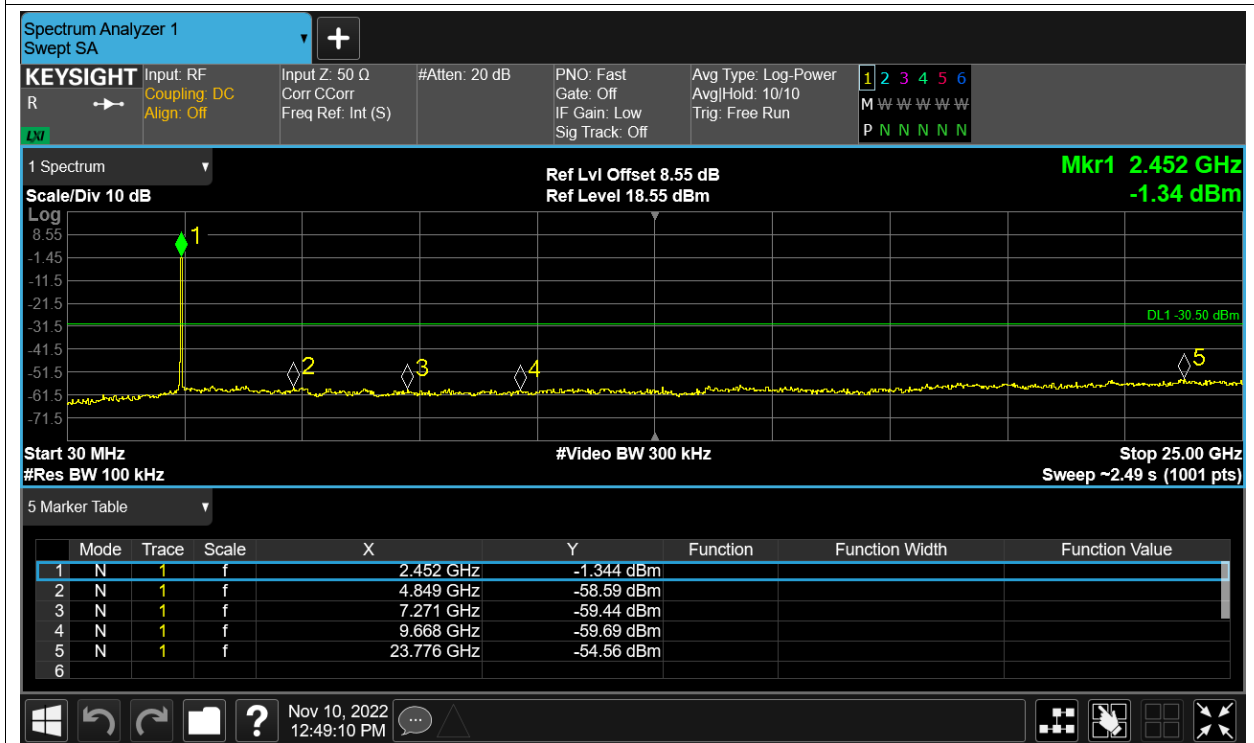
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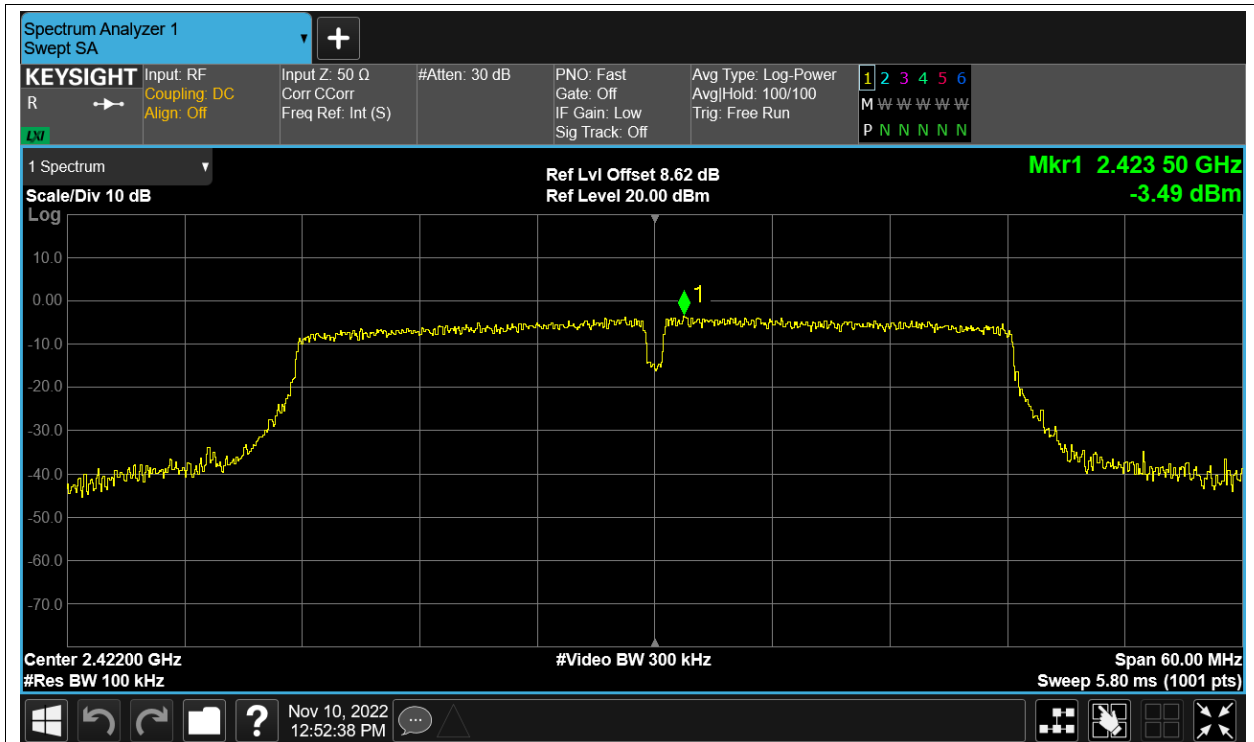
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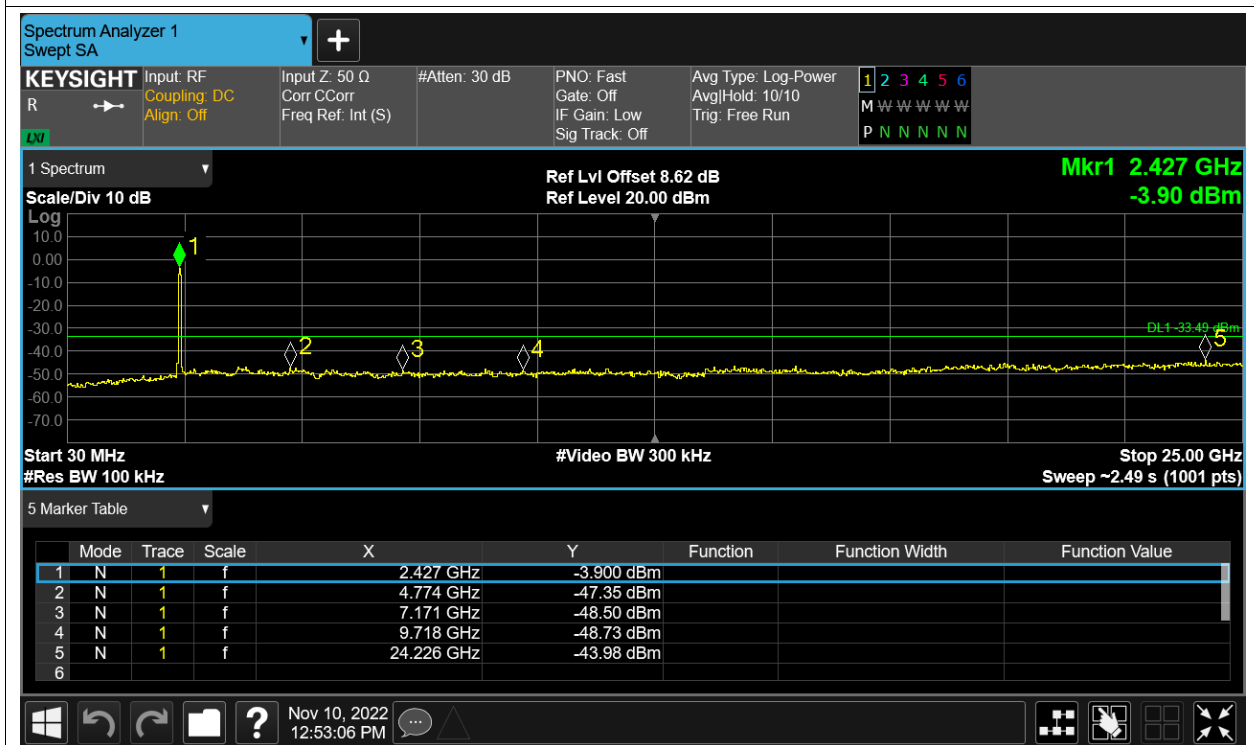
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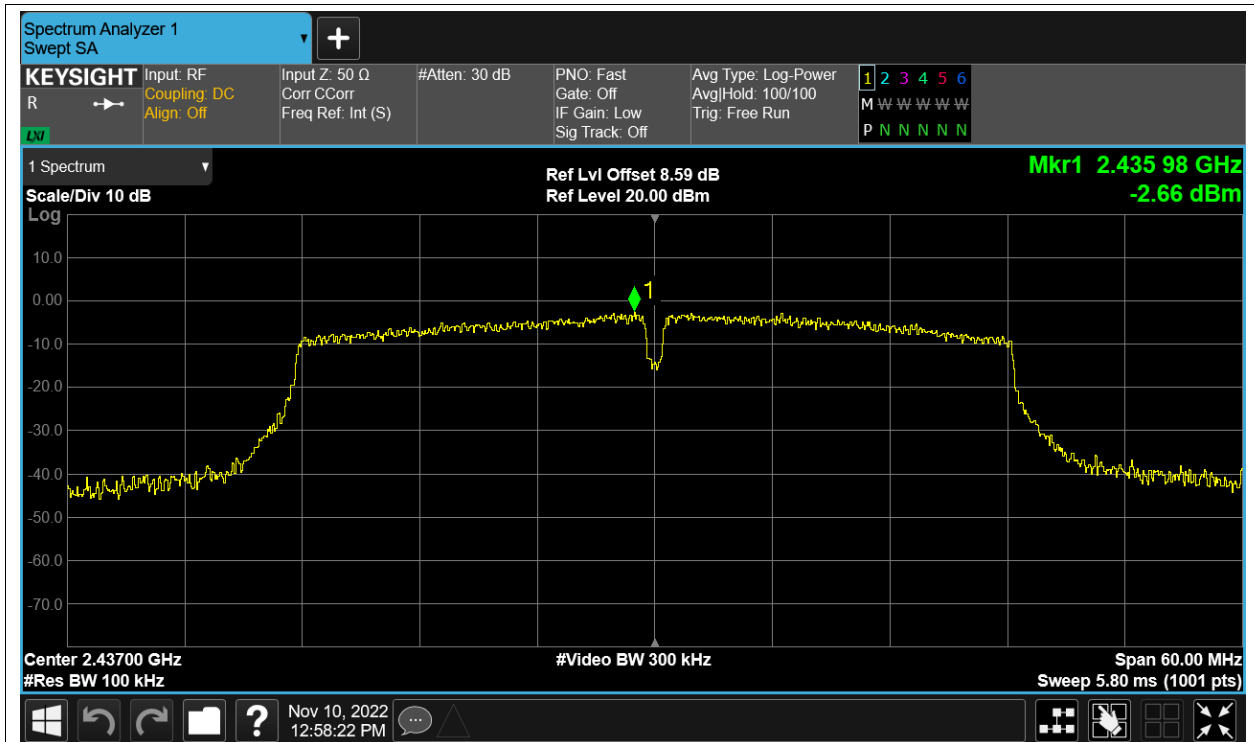
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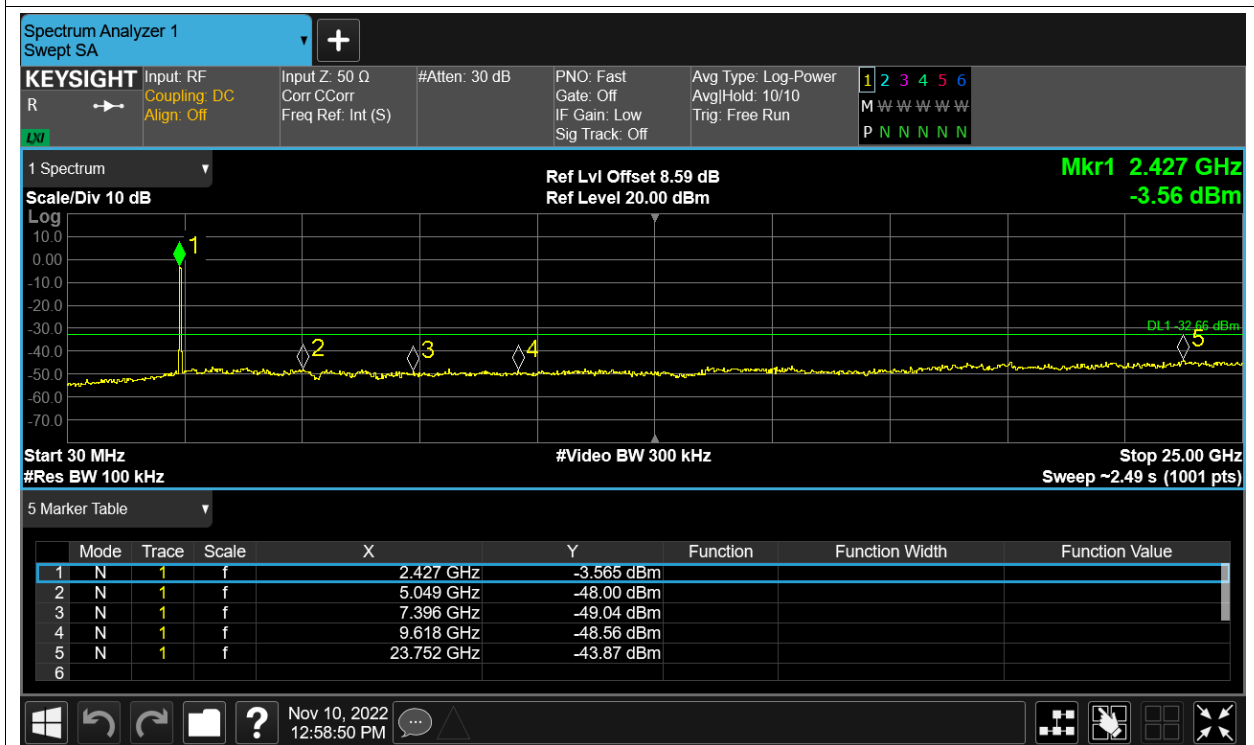
Tx. Spurious NVNT n40 2422MHz Ant3 Emission



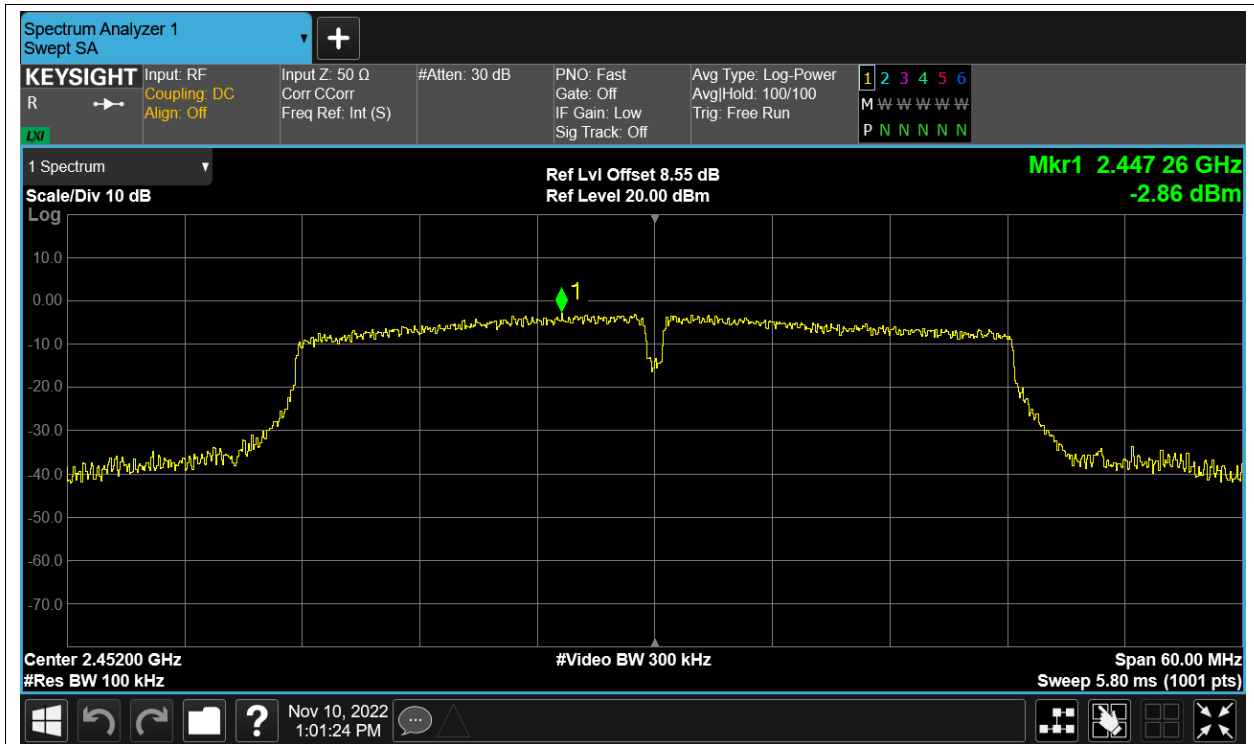
Tx. Spurious NVNT n40 2437MHz Ant3 Ref



Tx. Spurious NVNT n40 2437MHz Ant3 Emission



Tx. Spurious NVNT n40 2452MHz Ant3 Ref



Tx. Spurious NVNT n40 2452MHz Ant3 Emission

