

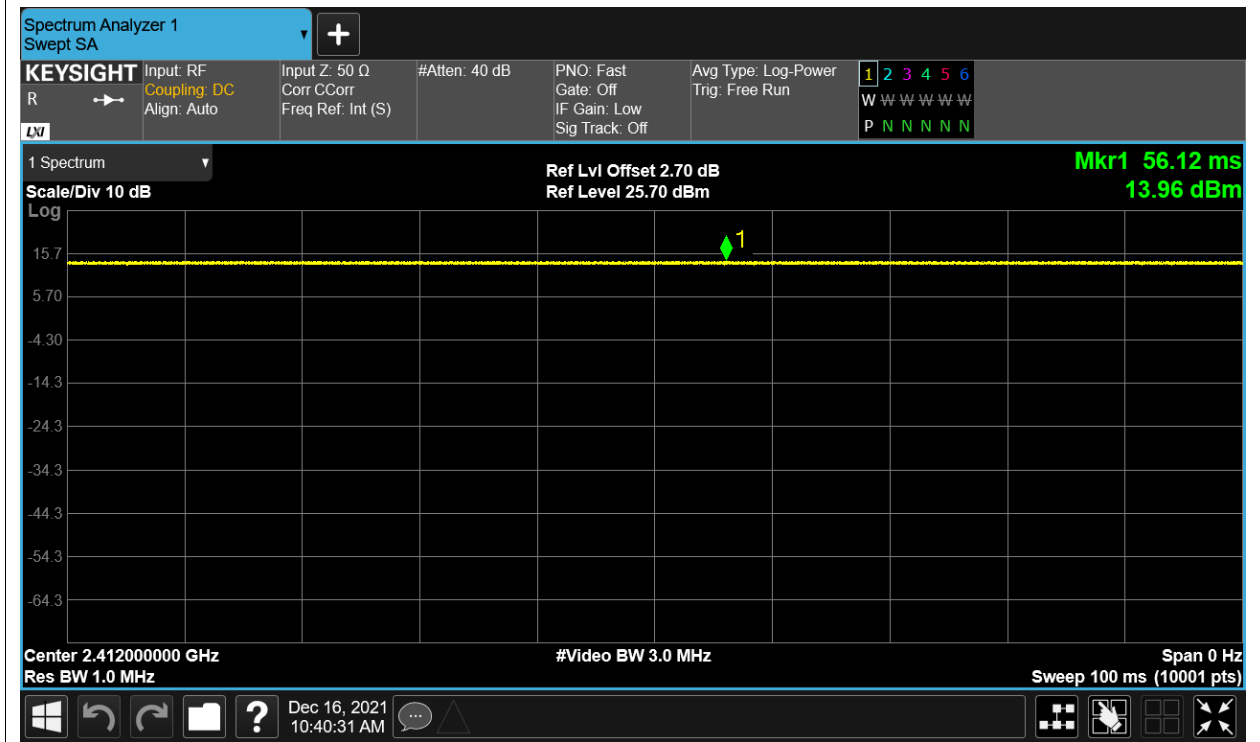
## Test Data

### Duty Cycle

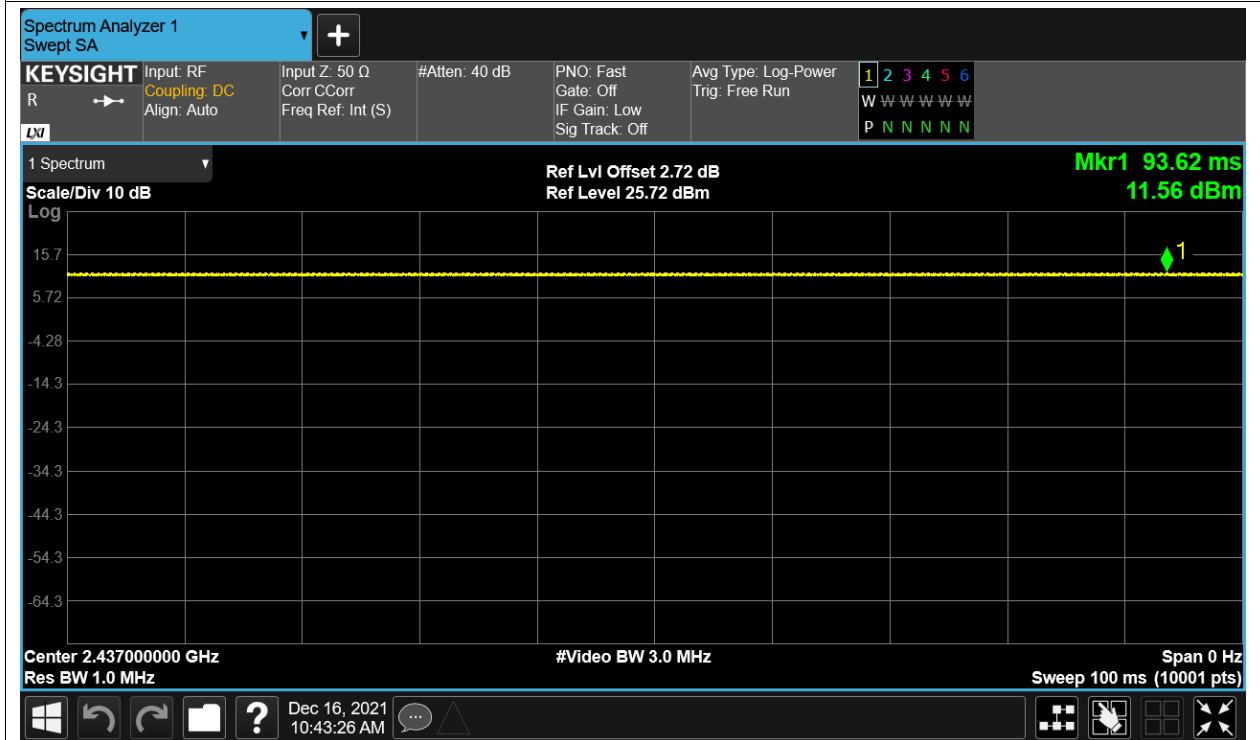
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	100	0
NVNT	b	2437	Ant1	100	0
NVNT	b	2462	Ant1	100	0
NVNT	g	2412	Ant1	100	0
NVNT	g	2437	Ant1	100	0
NVNT	g	2462	Ant1	100	0
NVNT	n20	2412	Ant1	100	0
NVNT	n20	2437	Ant1	100	0
NVNT	n20	2462	Ant1	100	0

Test Graphs

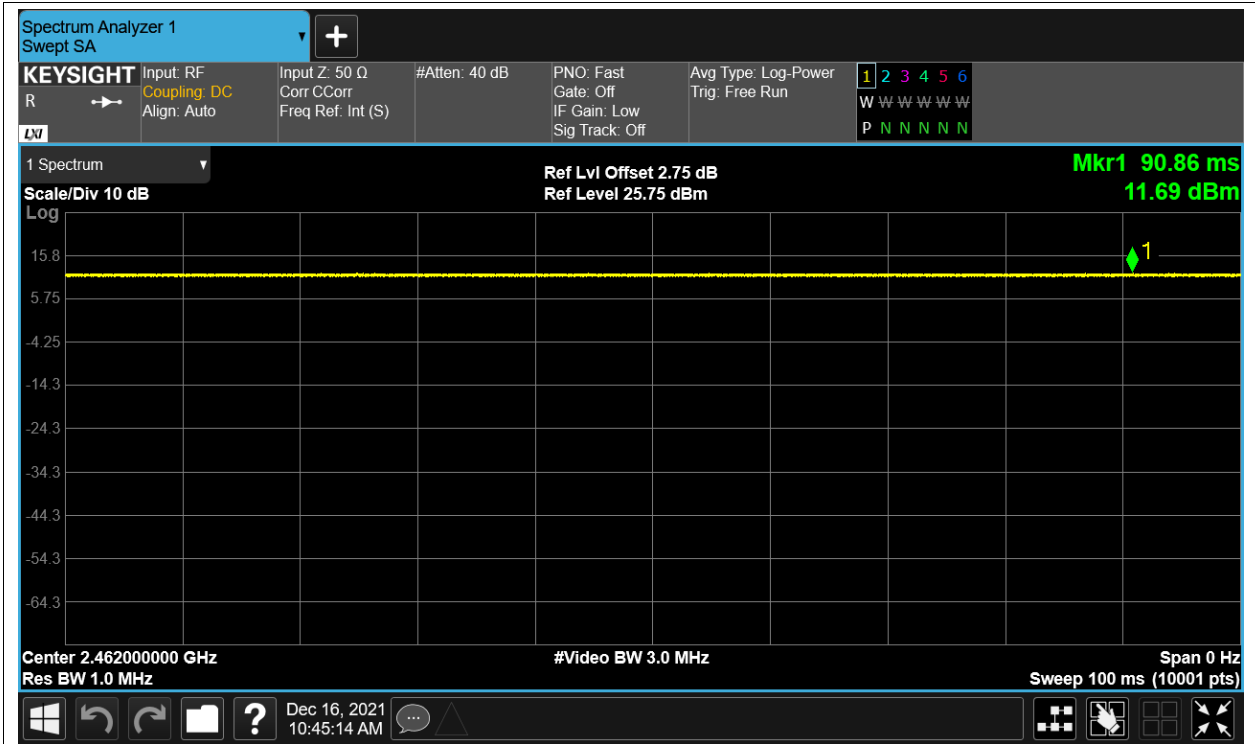
Duty Cycle NVNT b 2412MHz Ant1



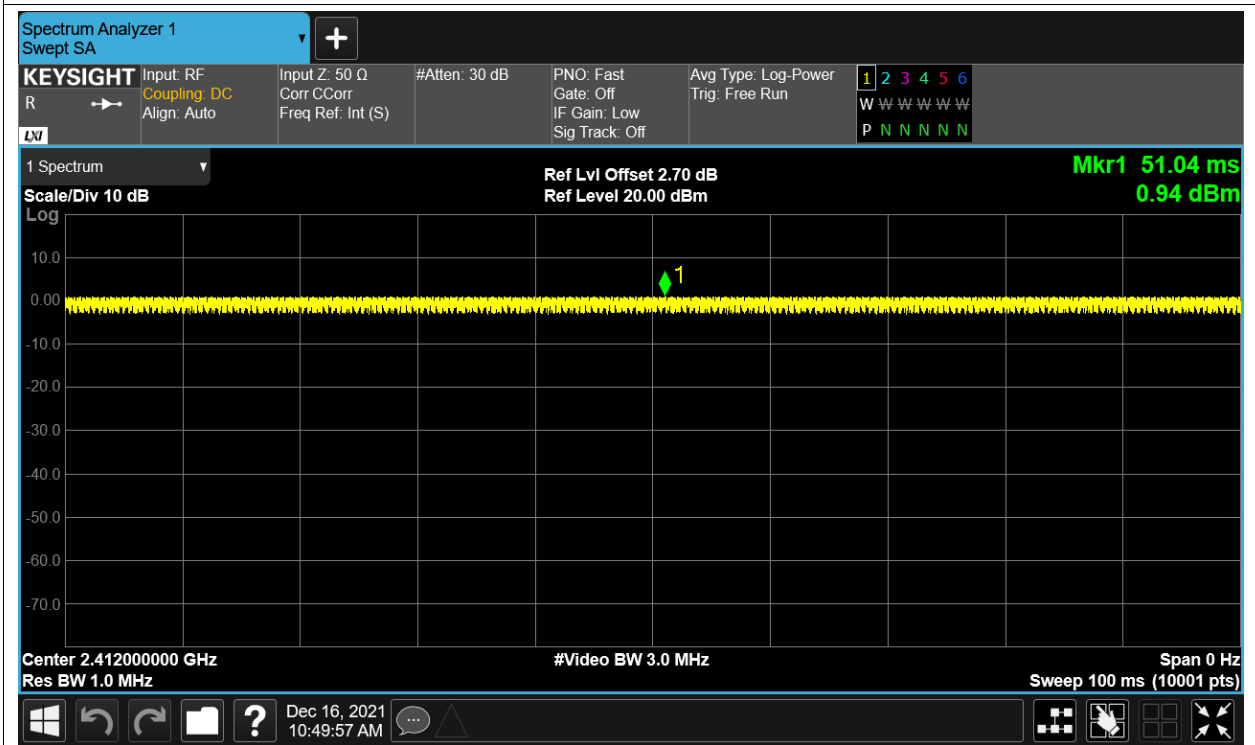
Duty Cycle NVNT b 2437MHz Ant1



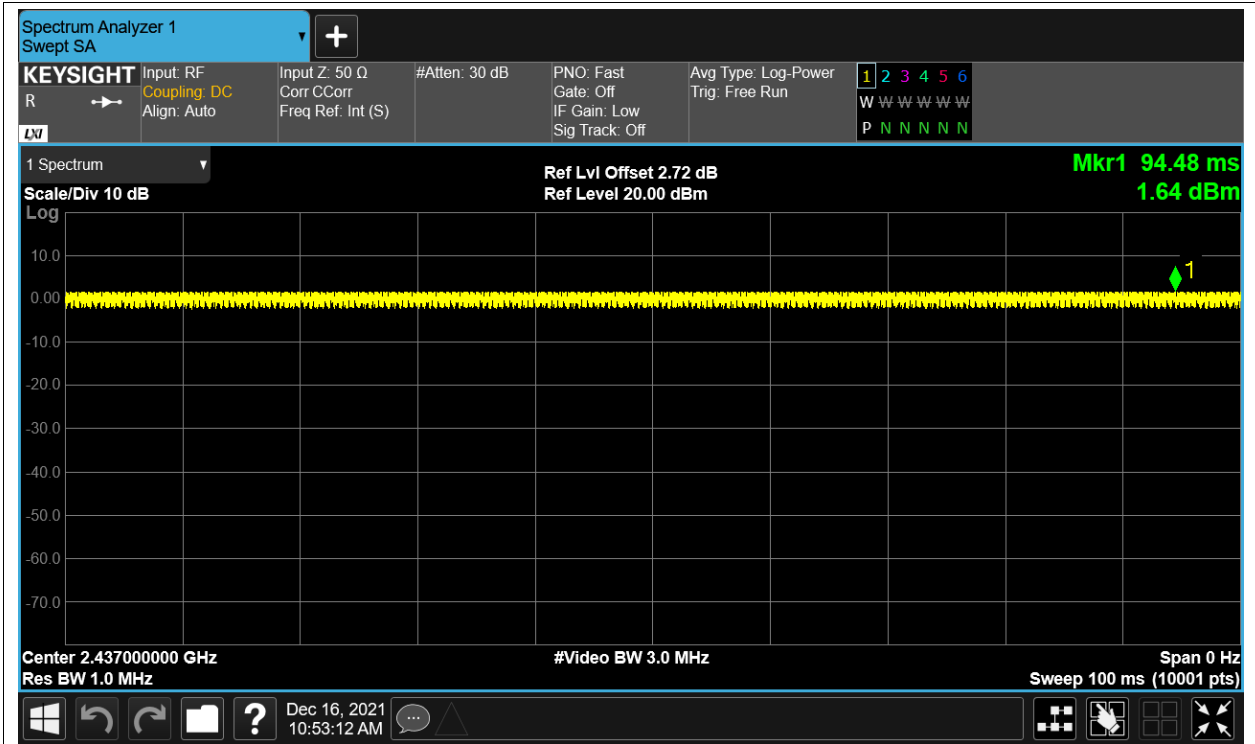
Duty Cycle NVNT b 2462MHz Ant1



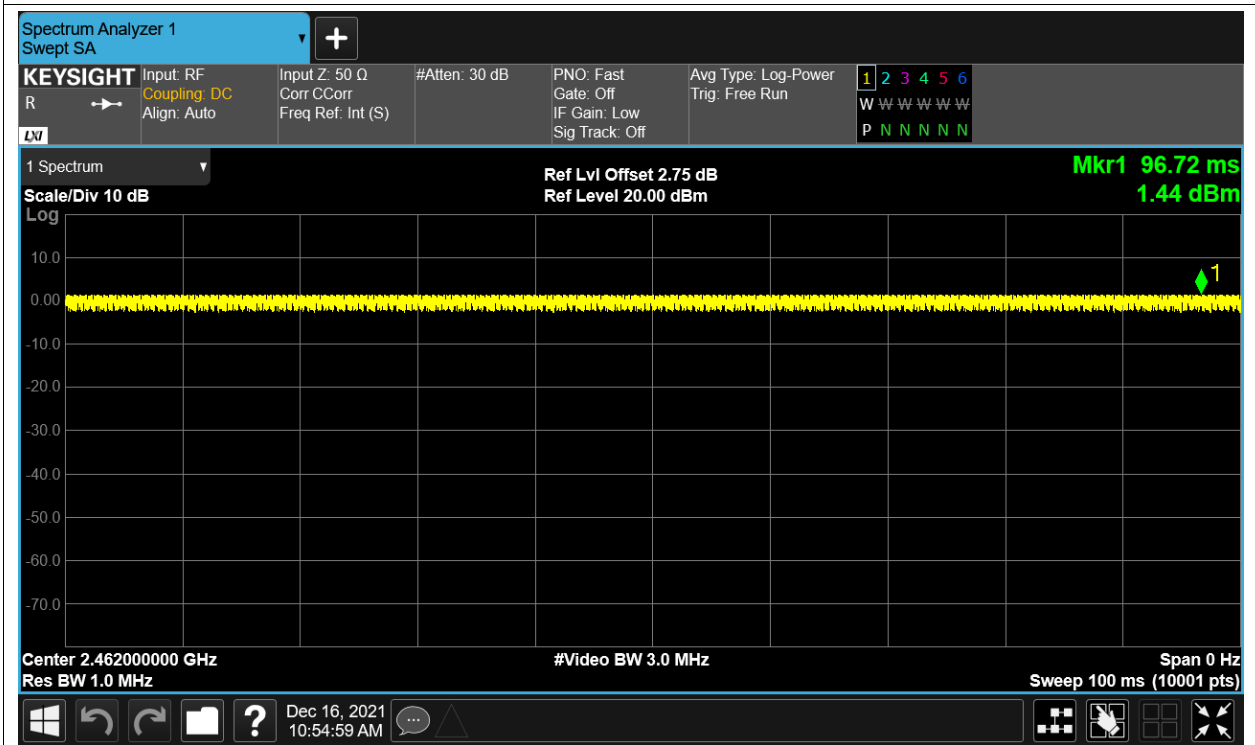
Duty Cycle NVNT g 2412MHz Ant1



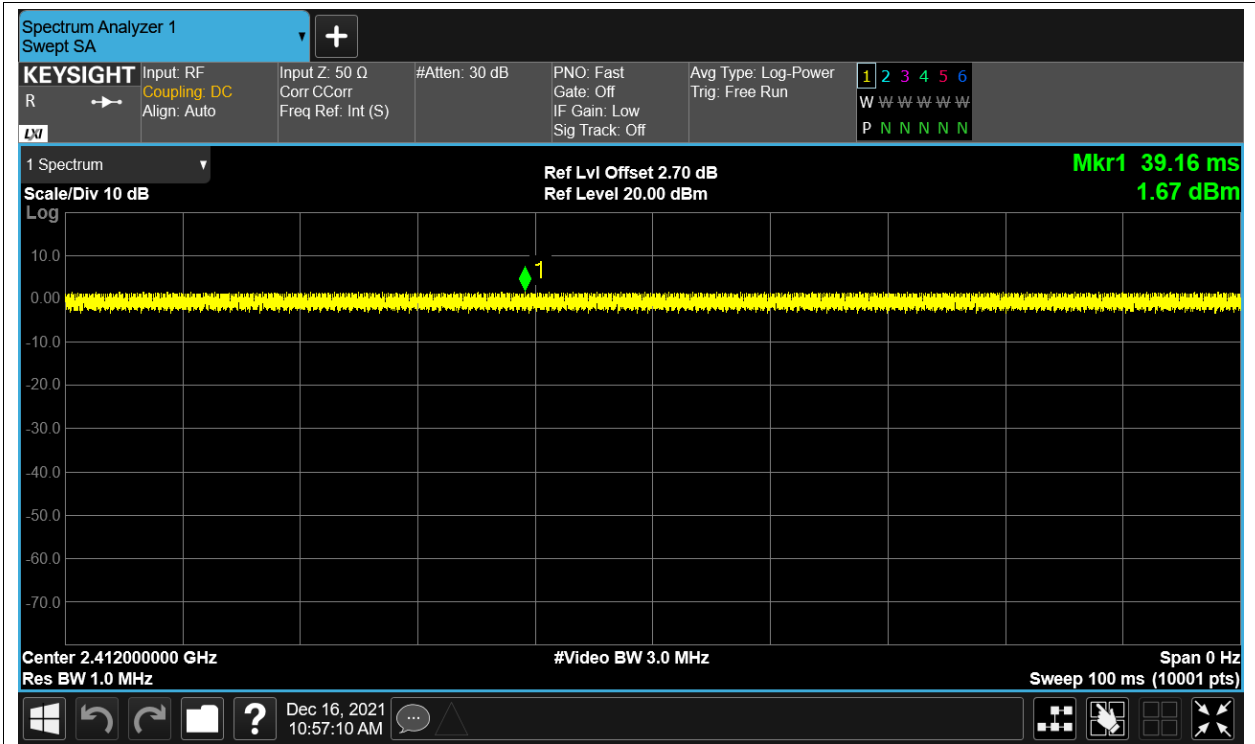
Duty Cycle NVNT g 2437MHz Ant1



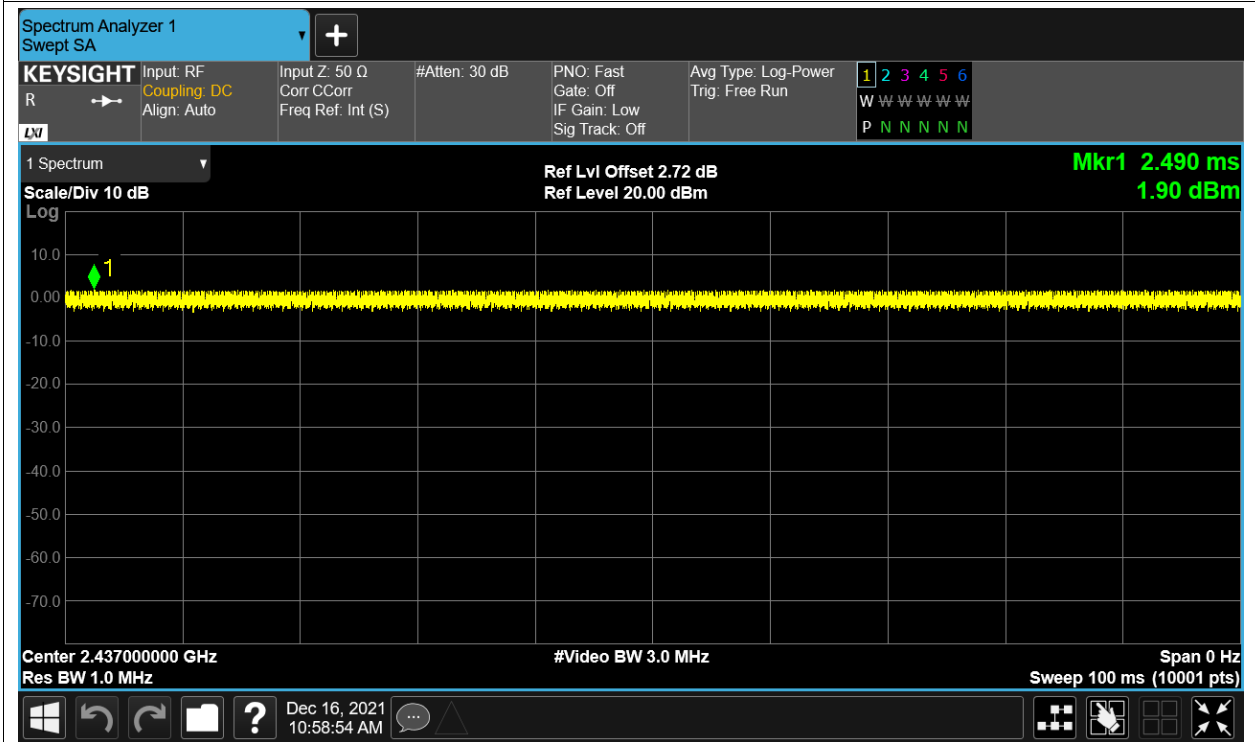
Duty Cycle NVNT g 2462MHz Ant1



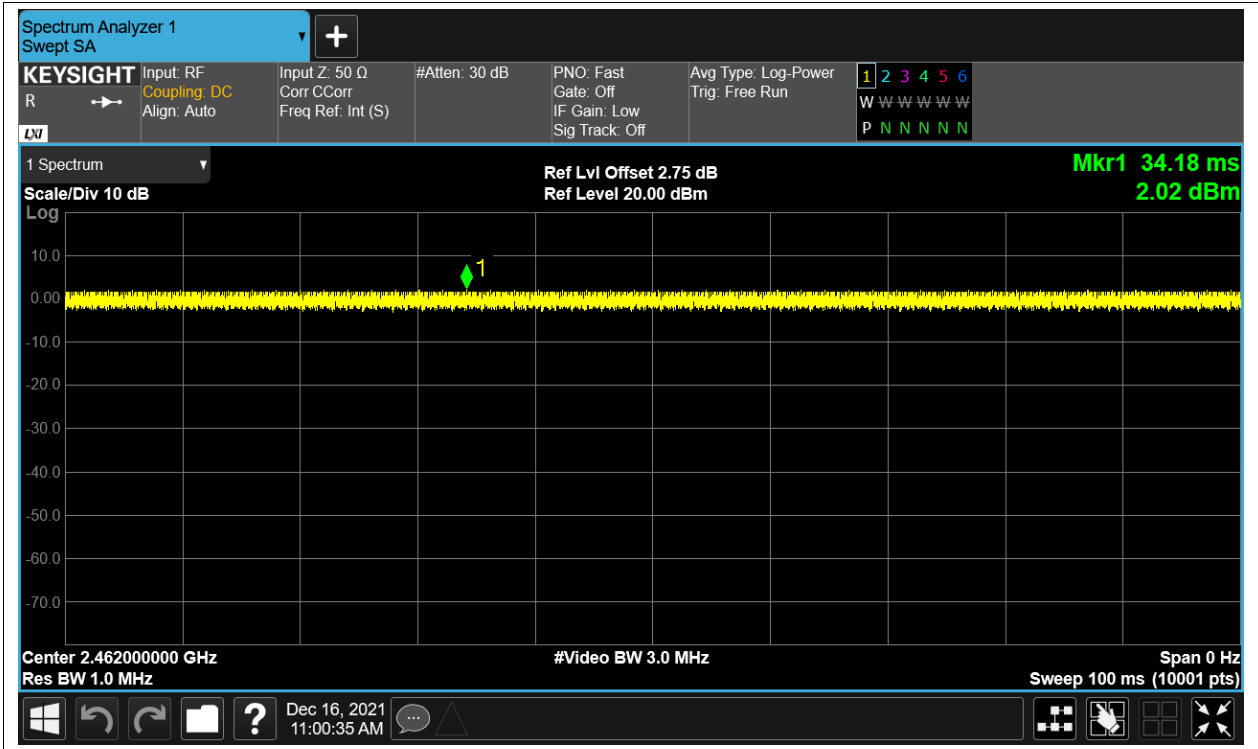
Duty Cycle NVNT n20 2412MHz Ant1



Duty Cycle NVNT n20 2437MHz Ant1



Duty Cycle NVNT n20 2462MHz Ant1



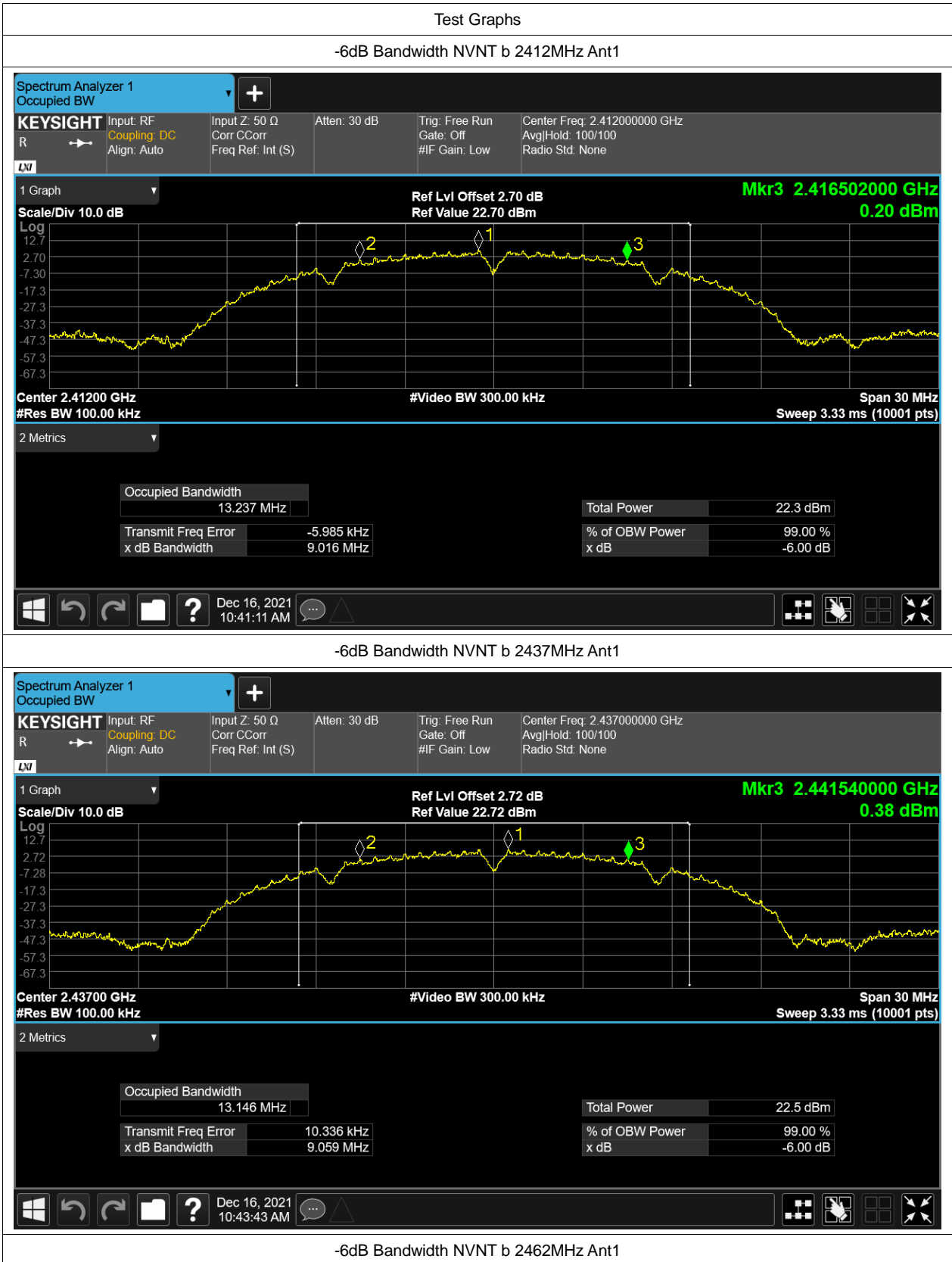
## Maximum Conducted Output Power

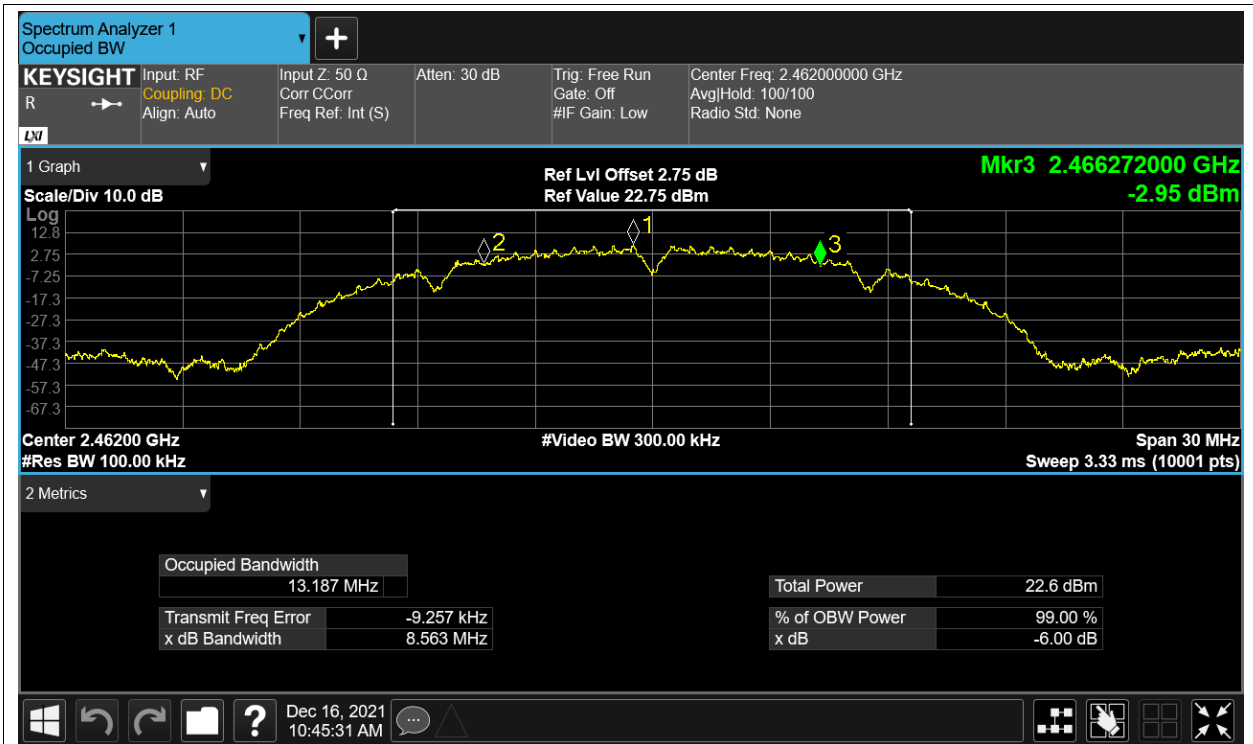
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.24	0	15.24	30	Pass
NVNT	b	2437	Ant1	15.59	0	15.59	30	Pass
NVNT	b	2462	Ant1	15.54	0	15.54	30	Pass
NVNT	g	2412	Ant1	6.89	0	6.89	30	Pass
NVNT	g	2437	Ant1	7.73	0	7.73	30	Pass
NVNT	g	2462	Ant1	7.21	0	7.21	30	Pass
NVNT	n20	2412	Ant1	6.93	0	6.93	30	Pass
NVNT	n20	2437	Ant1	7.18	0	7.18	30	Pass
NVNT	n20	2462	Ant1	7.15	0	7.15	30	Pass

**-6dB Bandwidth**

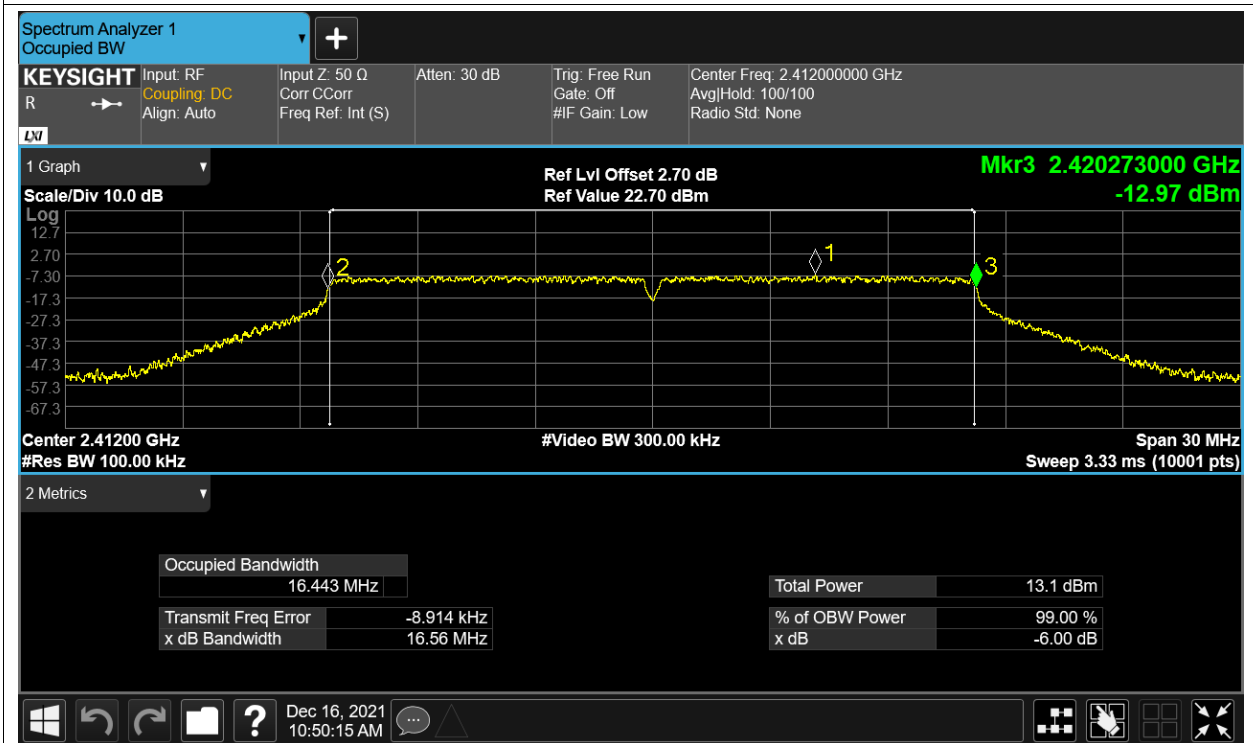
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.016	0.5	Pass
NVNT	b	2437	Ant1	9.059	0.5	Pass
NVNT	b	2462	Ant1	8.563	0.5	Pass
NVNT	g	2412	Ant1	16.564	0.5	Pass
NVNT	g	2437	Ant1	16.525	0.5	Pass
NVNT	g	2462	Ant1	16.551	0.5	Pass
NVNT	n20	2412	Ant1	17.726	0.5	Pass
NVNT	n20	2437	Ant1	17.669	0.5	Pass
NVNT	n20	2462	Ant1	17.705	0.5	Pass



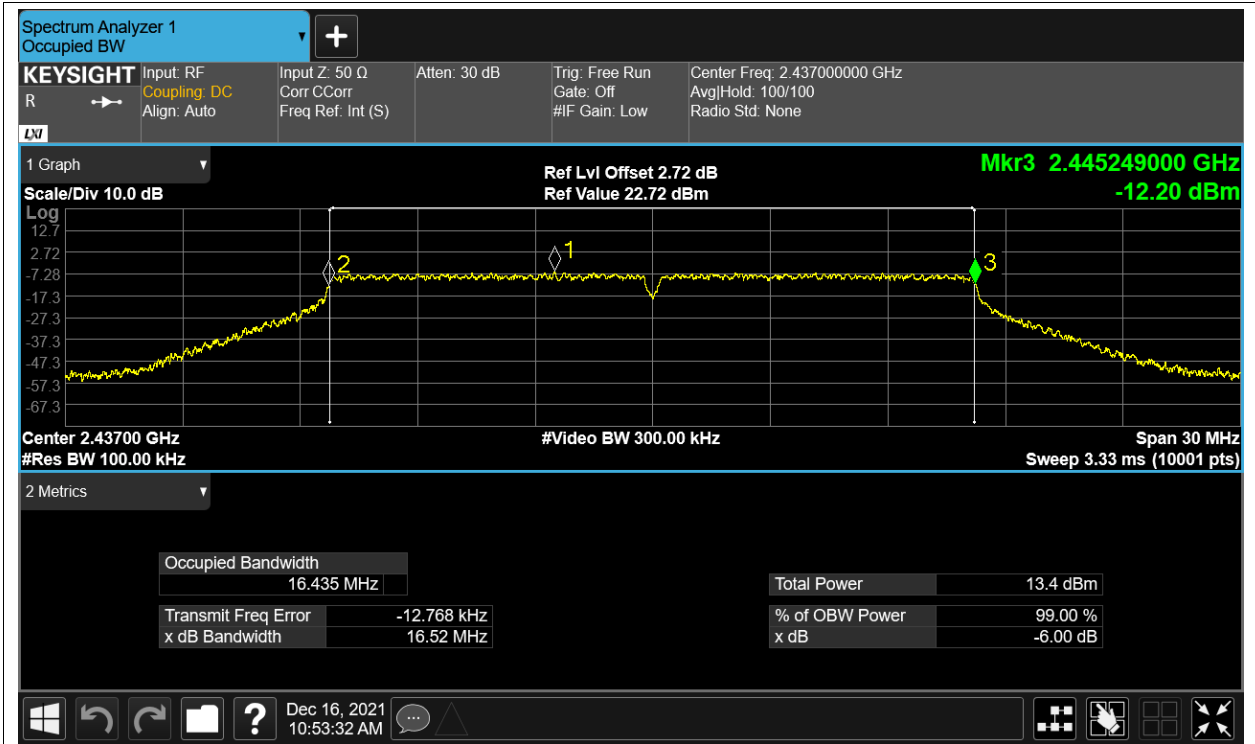




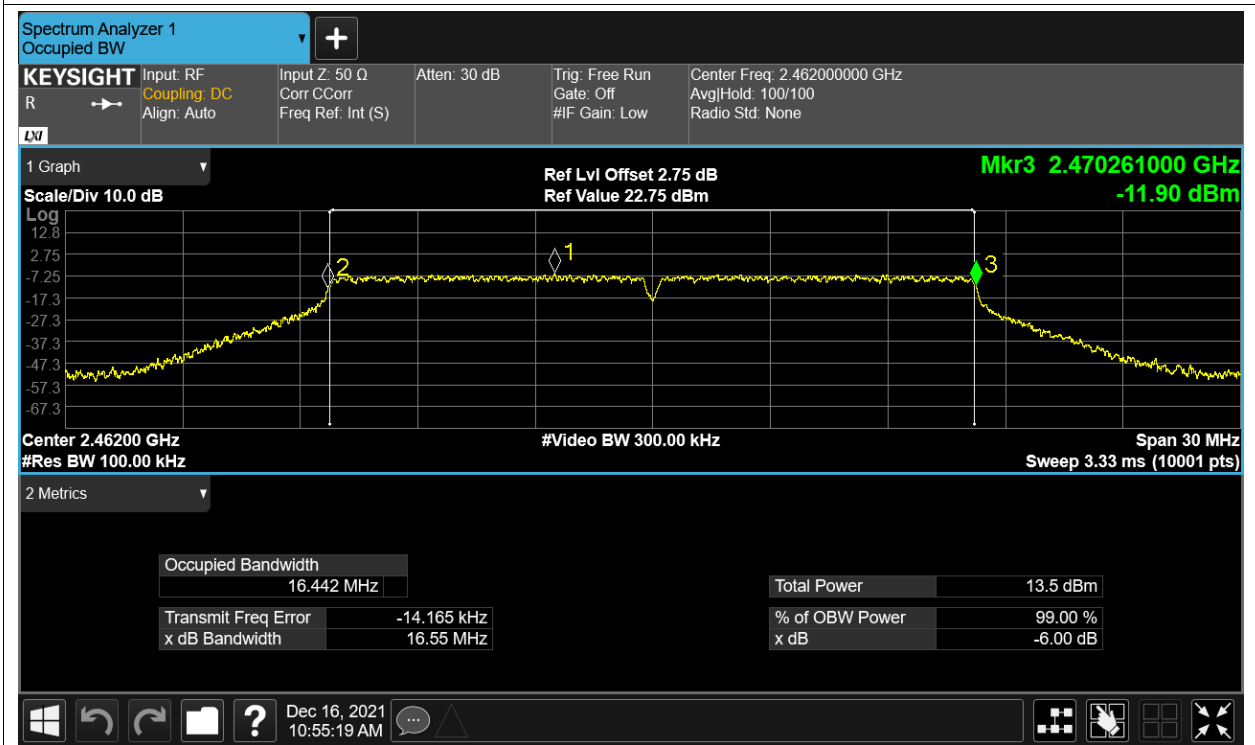
-6dB Bandwidth NVNT g 2412MHz Ant1



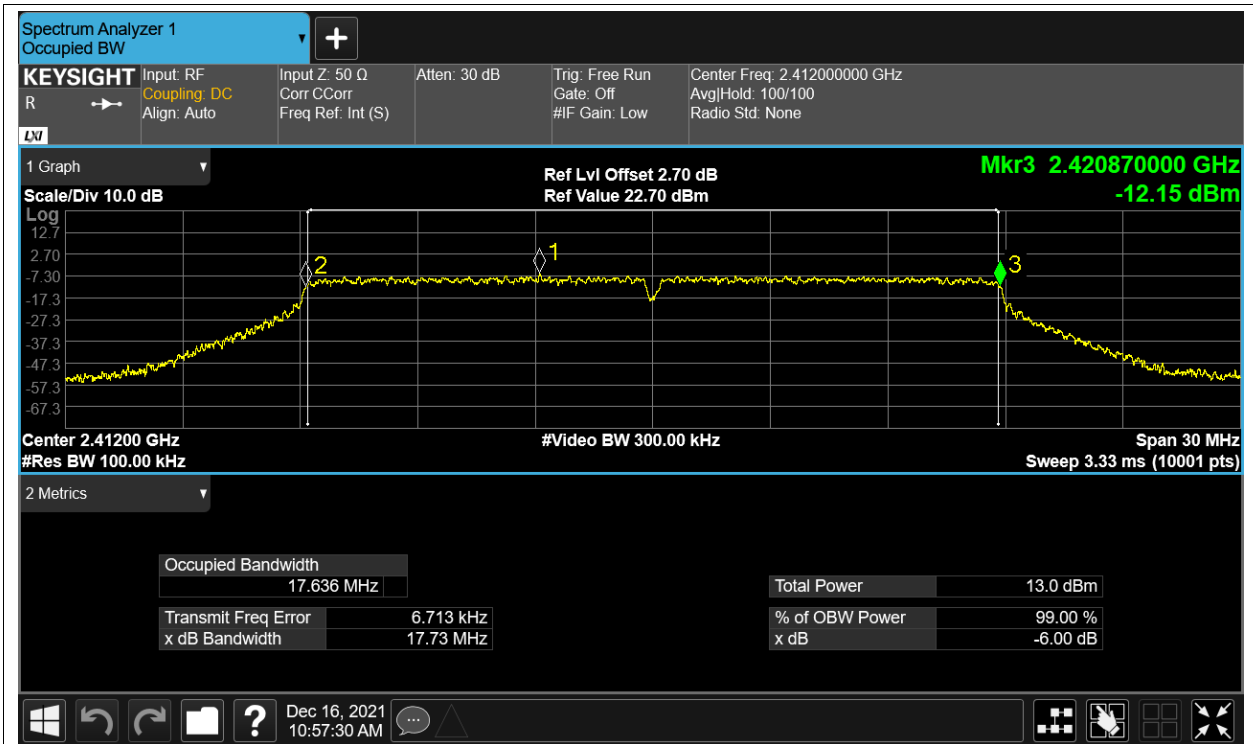
-6dB Bandwidth NVNT g 2437MHz Ant1



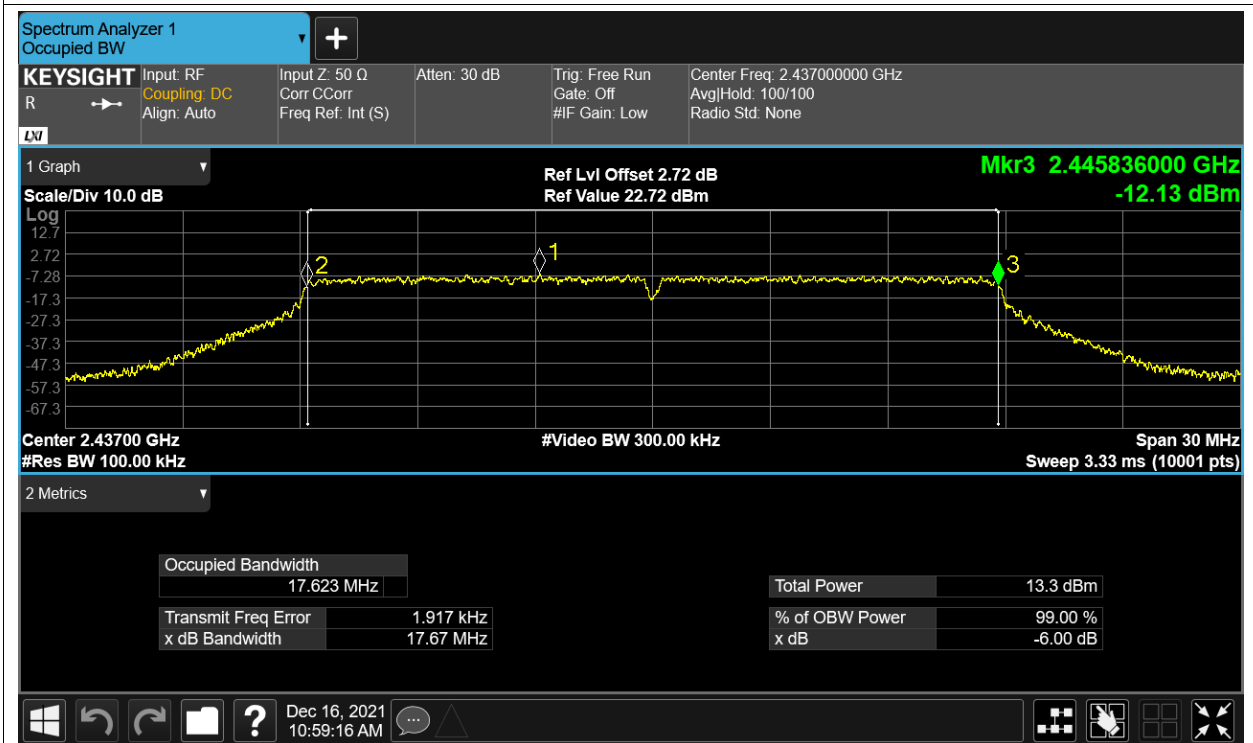
-6dB Bandwidth NVNT g 2462MHz Ant1



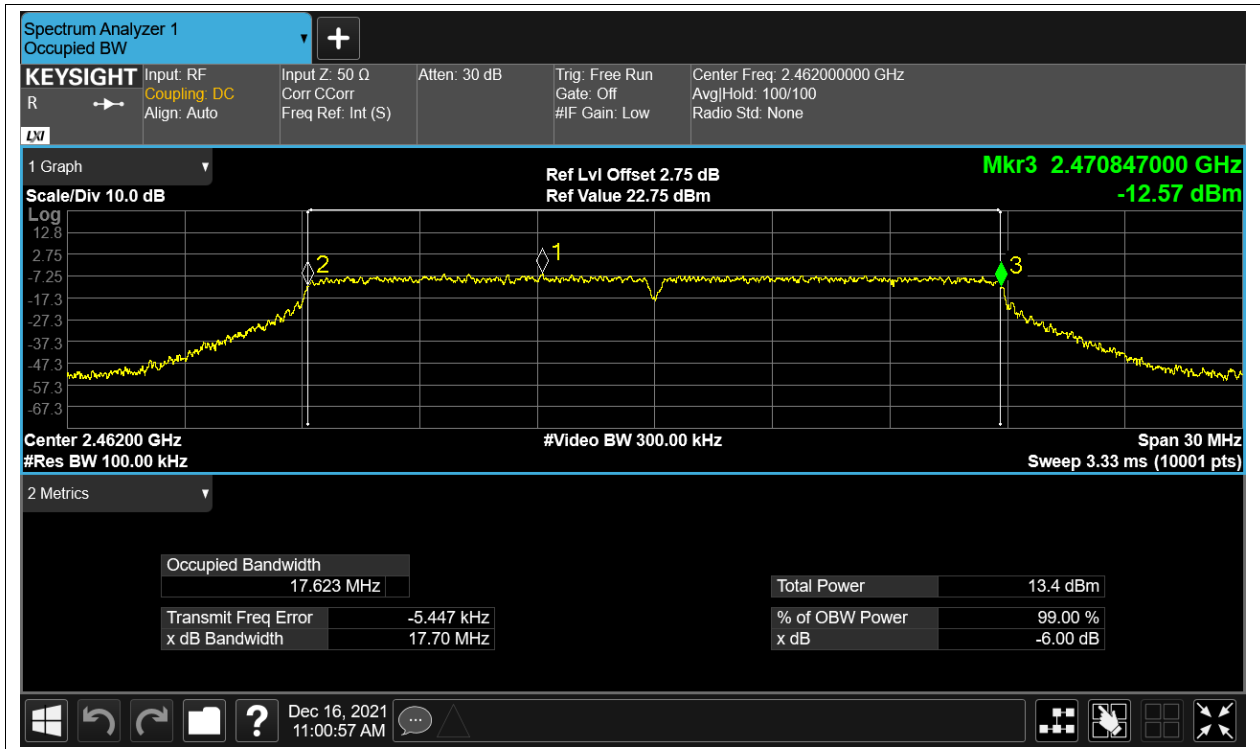
-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



-6dB Bandwidth NVNT n20 2462MHz Ant1

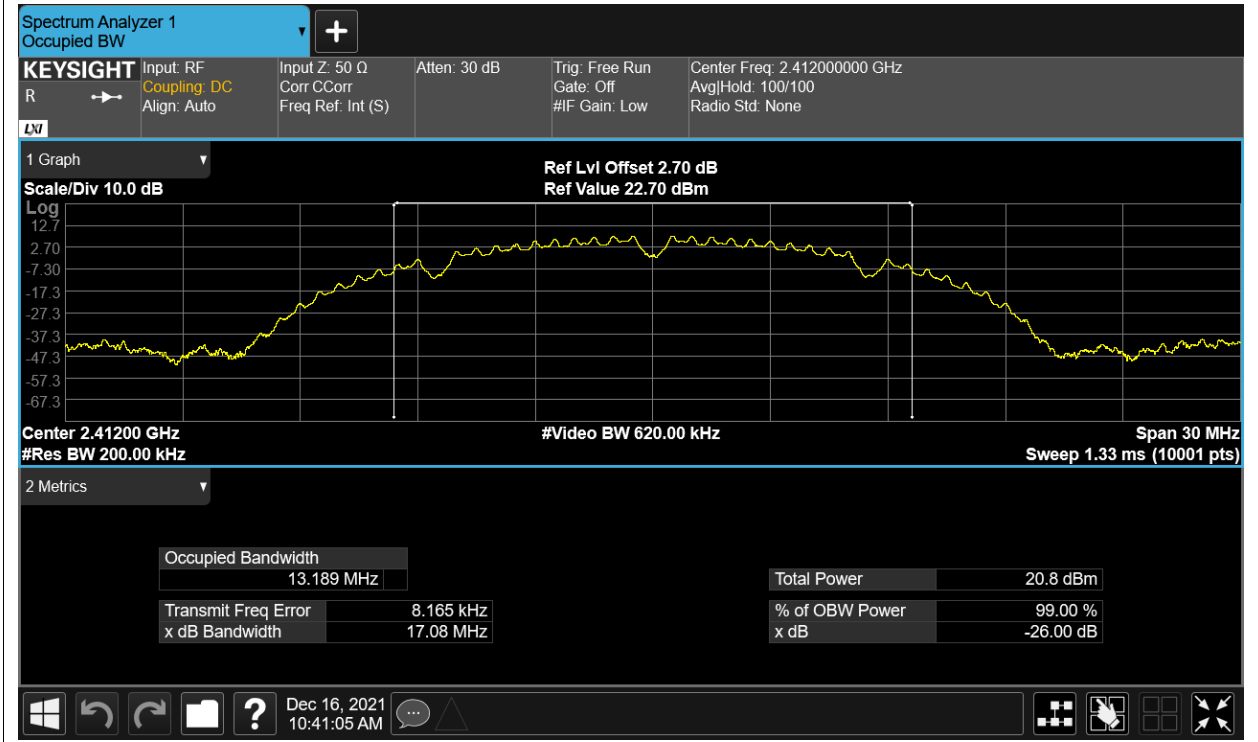


## Occupied Channel Bandwidth

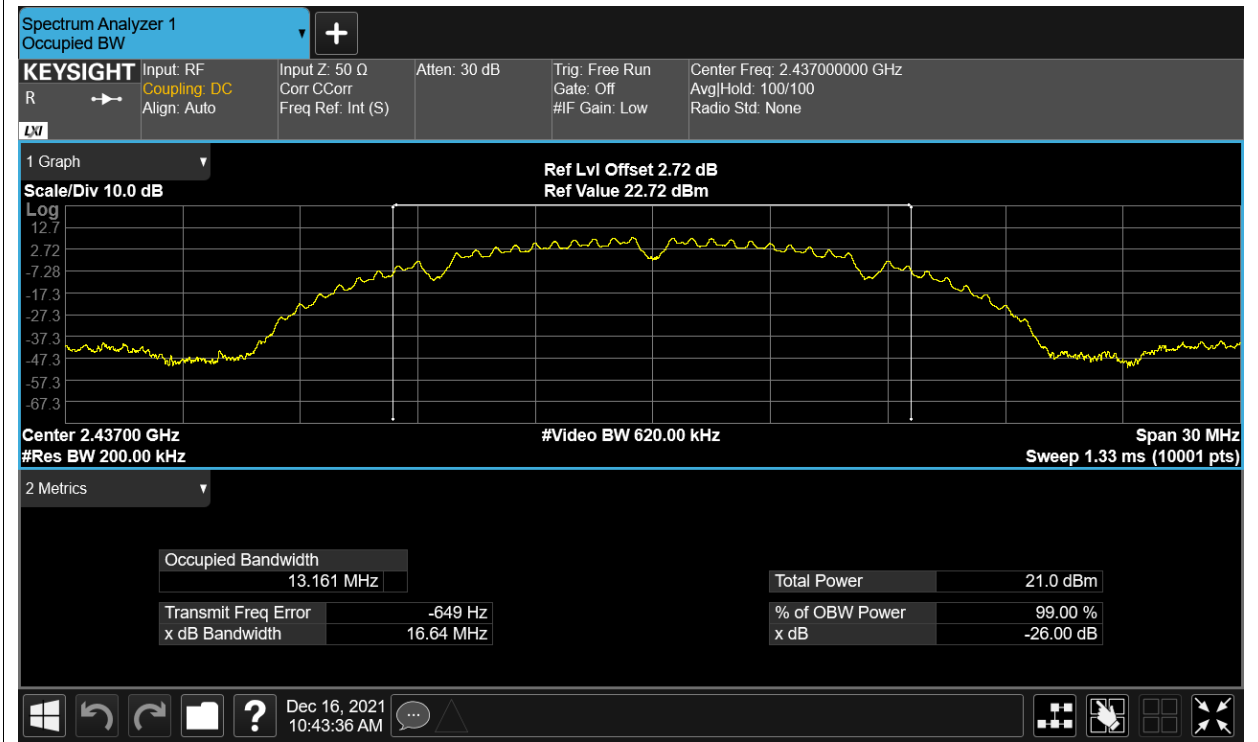
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.18942847
NVNT	b	2437	Ant1	13.1610111
NVNT	b	2462	Ant1	13.15987378
NVNT	g	2412	Ant1	16.55423115
NVNT	g	2437	Ant1	16.55401901
NVNT	g	2462	Ant1	16.55213734
NVNT	n20	2412	Ant1	17.68463862
NVNT	n20	2437	Ant1	17.70724214
NVNT	n20	2462	Ant1	17.69238068

Test Graphs

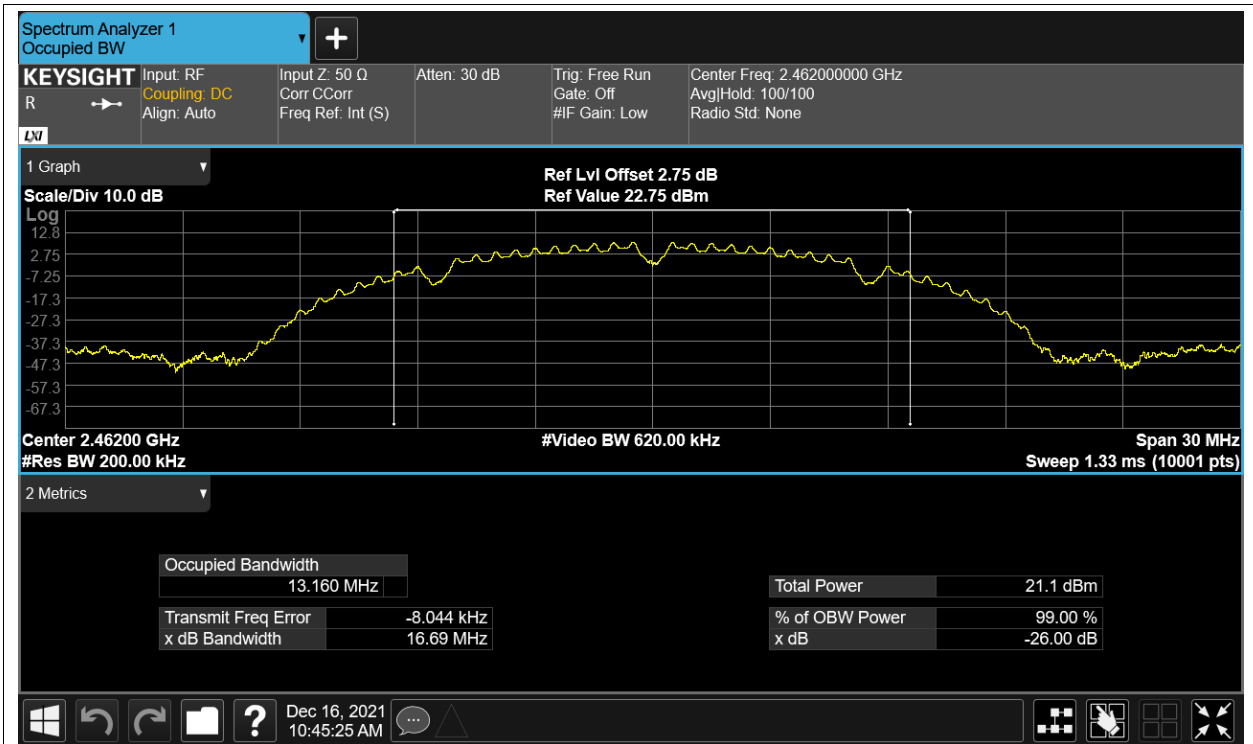
OBW NVNT b 2412MHz Ant1



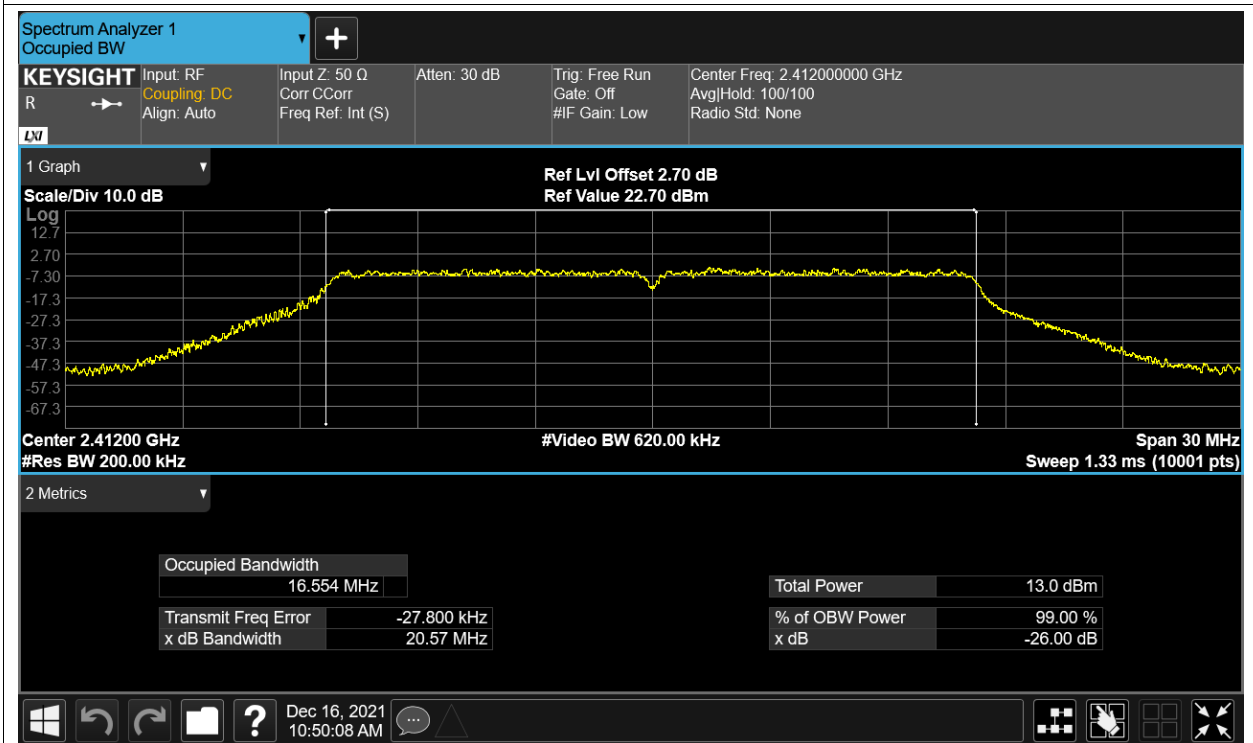
OBW NVNT b 2437MHz Ant1



OBW NVNT b 2462MHz Ant1

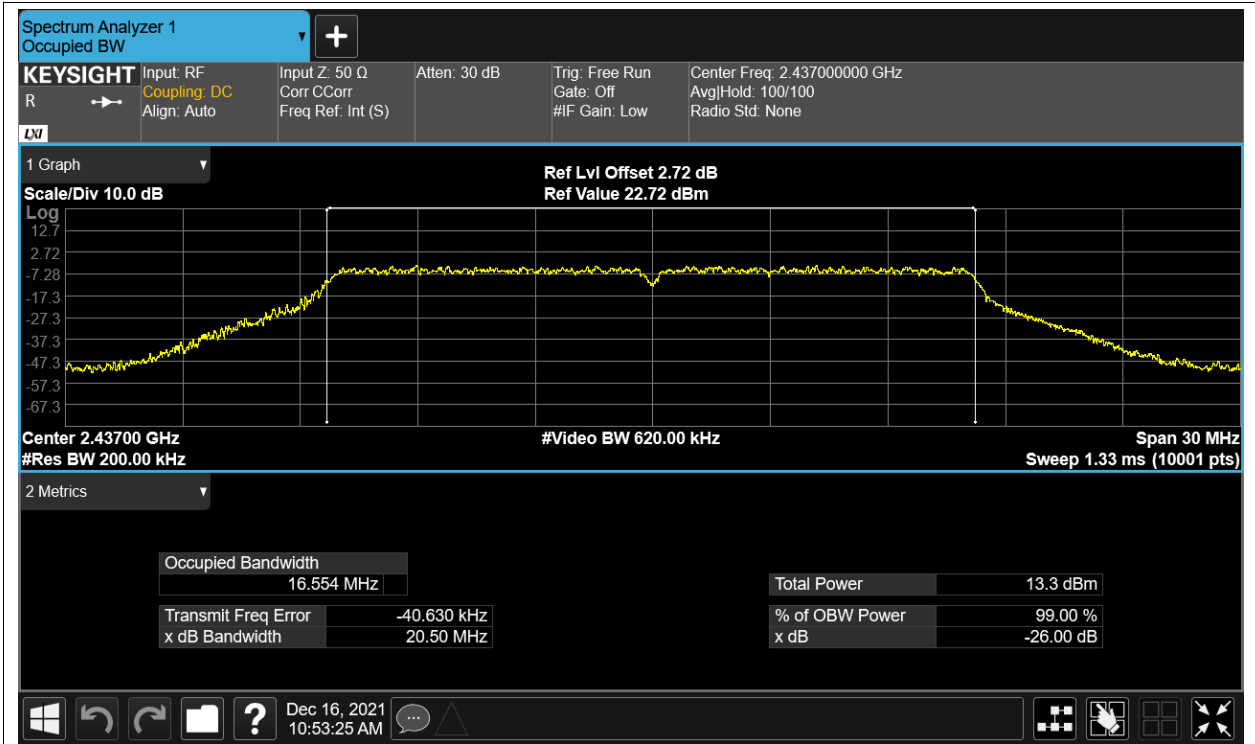


OBW NVNT g 2412MHz Ant1

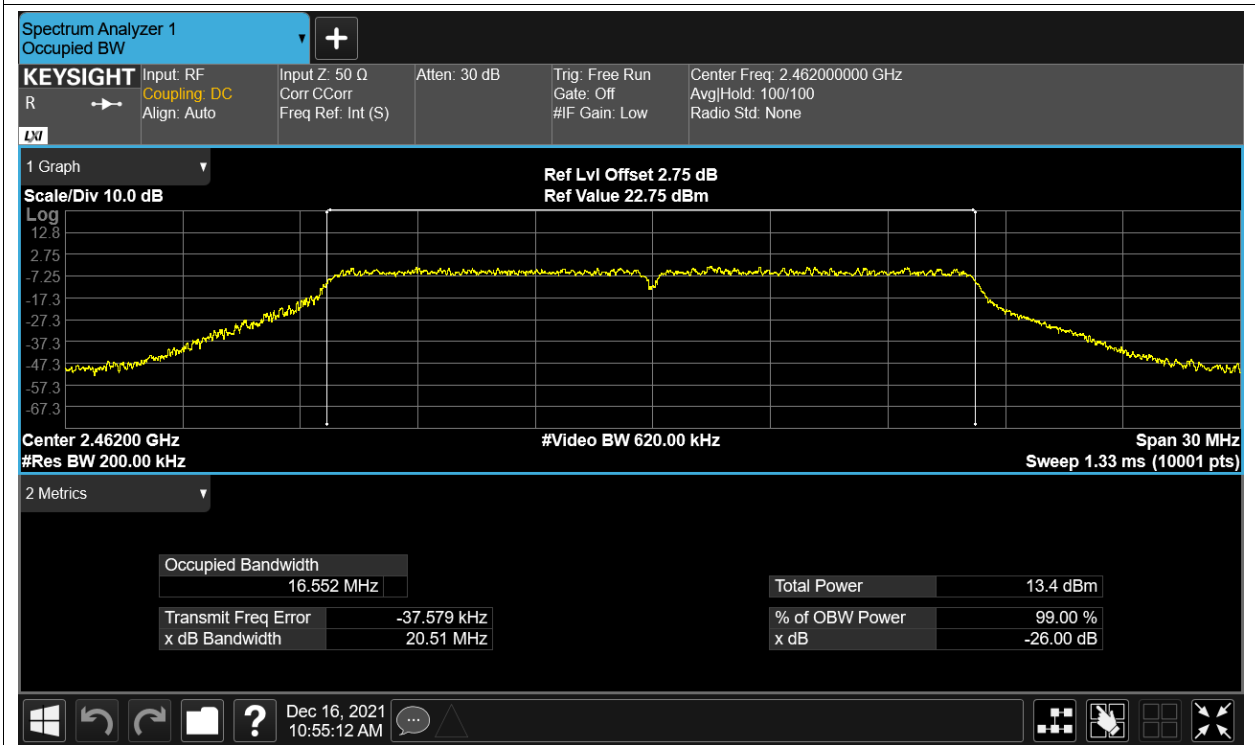


OBW NVNT g 2437MHz Ant1

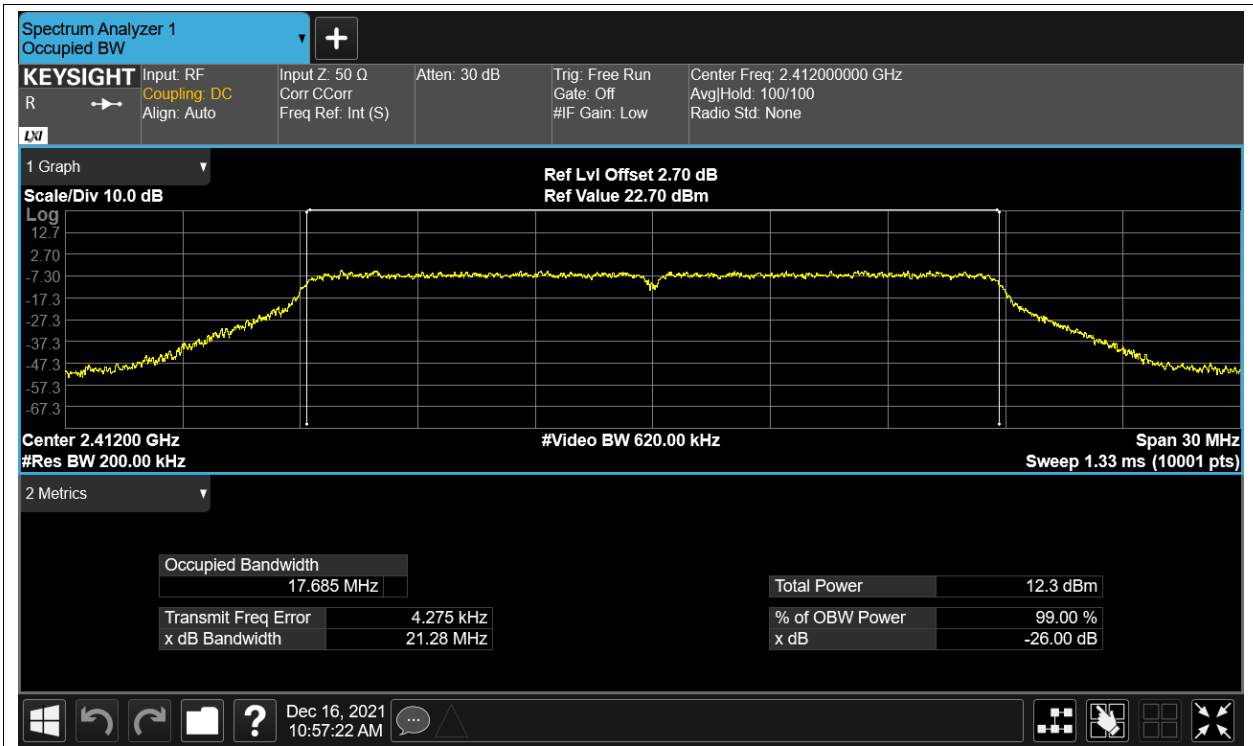




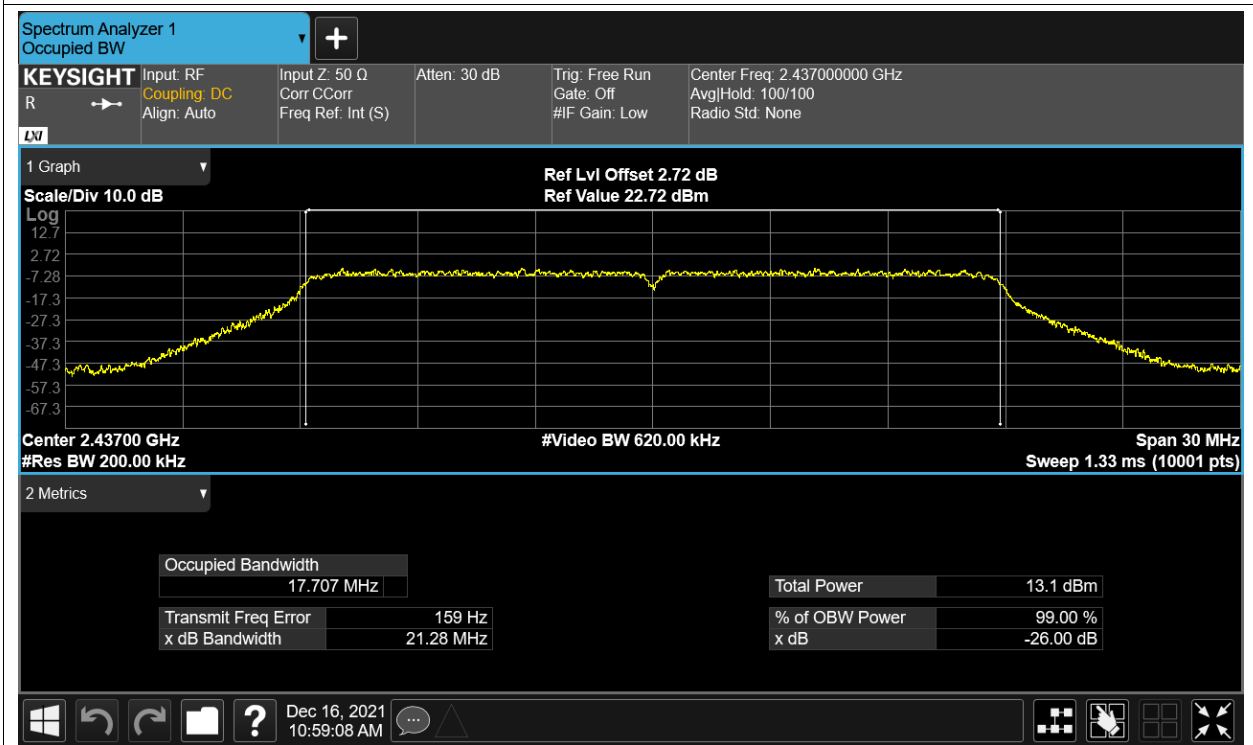
OBW NVNT g 2462MHz Ant1



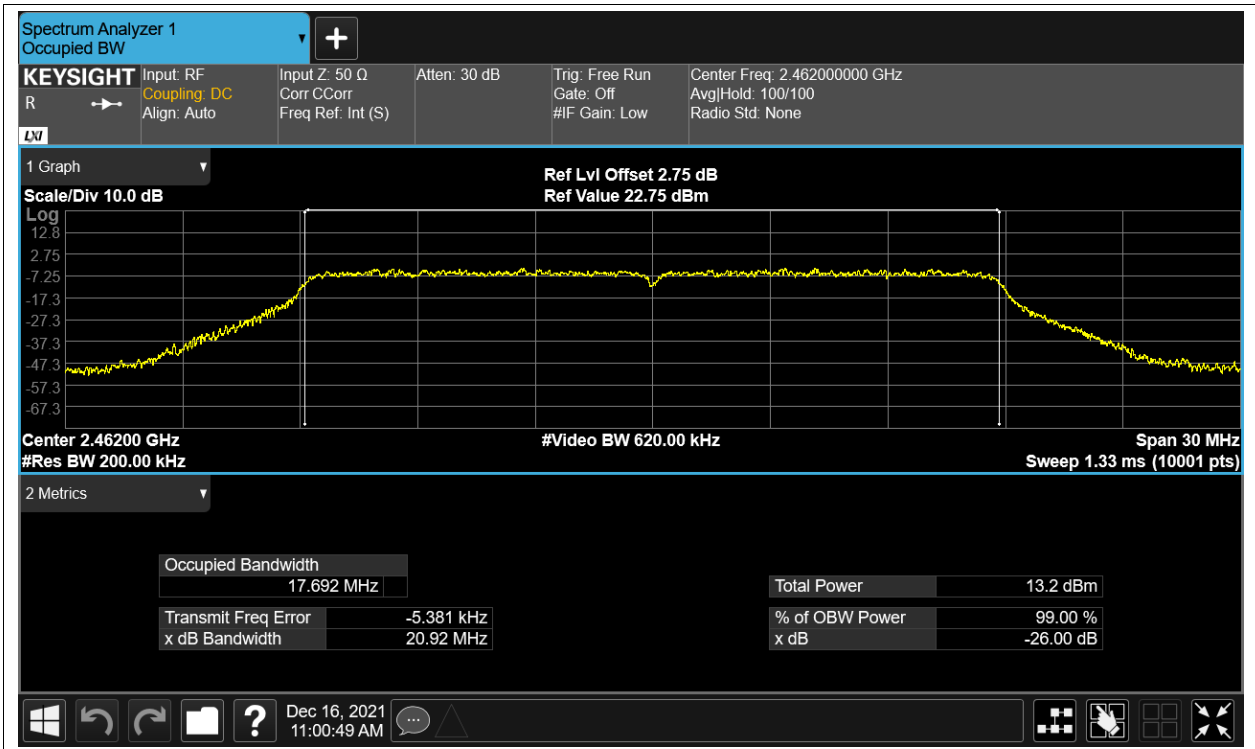
OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



OBW NVNT n20 2462MHz Ant1

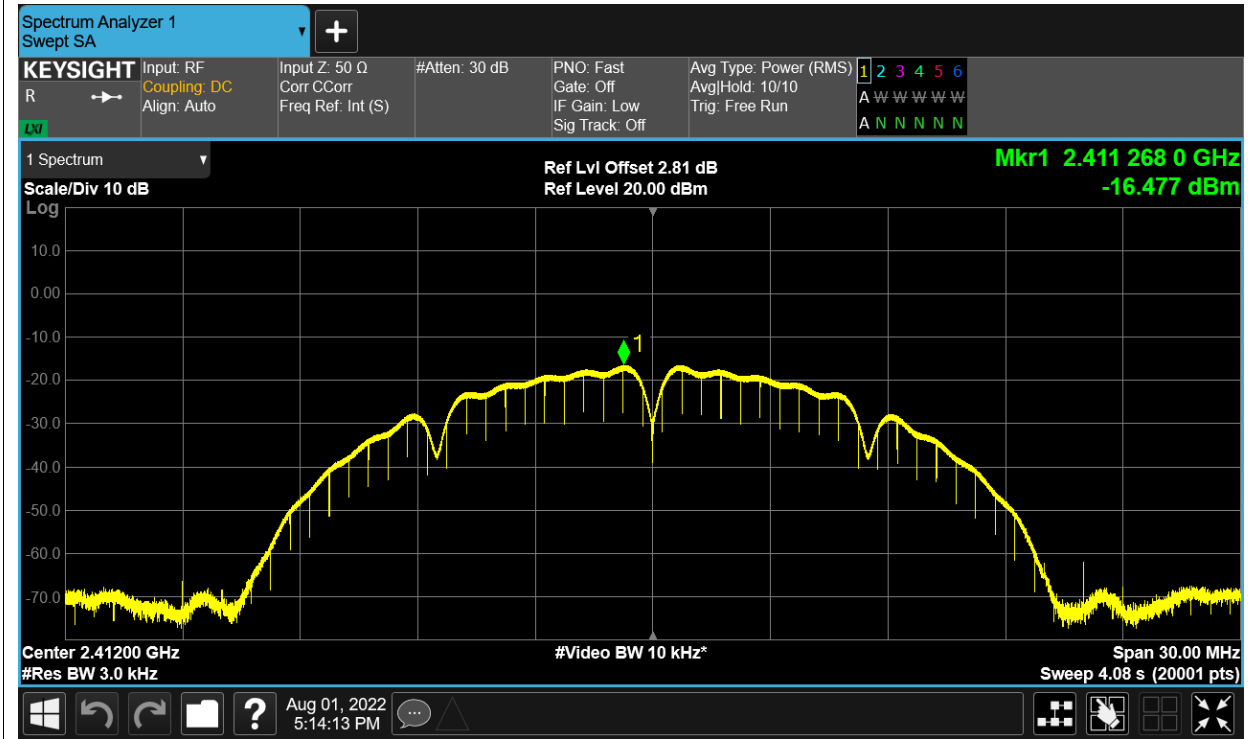


## Maximum Power Spectral Density Level

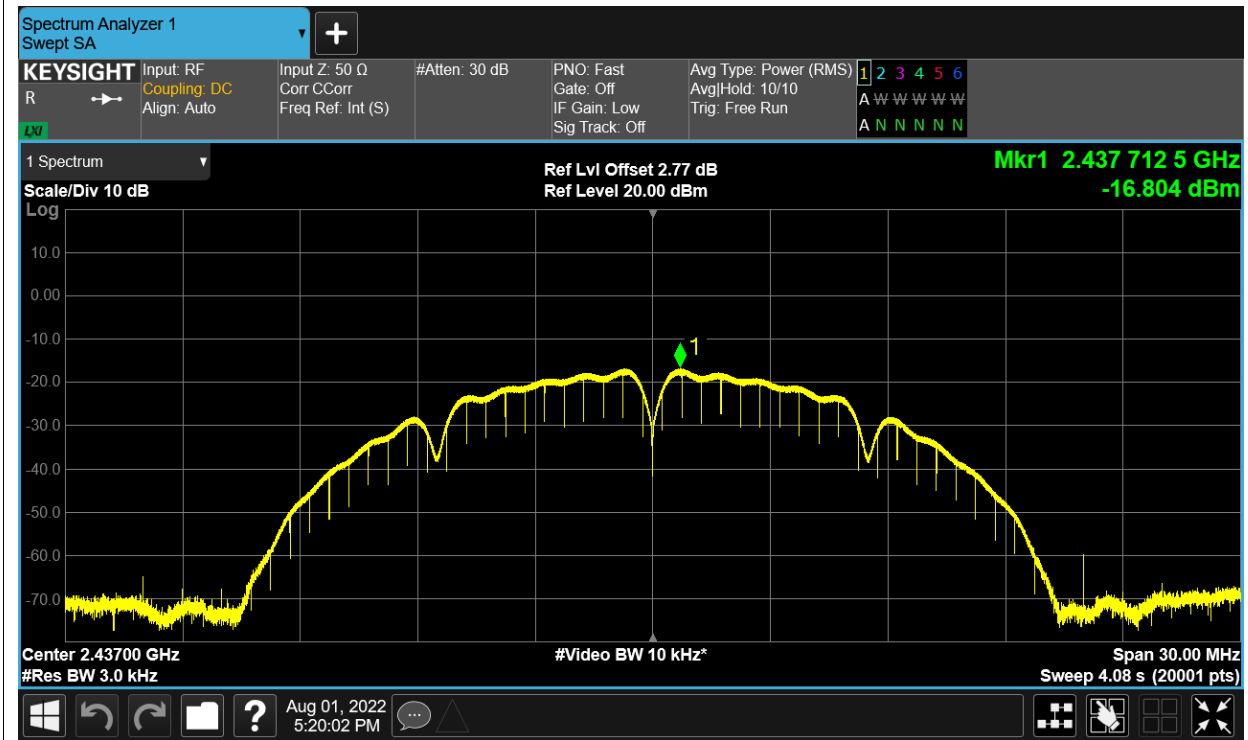
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-16.477	8	Pass
NVNT	b	2437	Ant1	-16.804	8	Pass
NVNT	b	2462	Ant1	-16.073	8	Pass
NVNT	g	2412	Ant1	-24.214	8	Pass
NVNT	g	2437	Ant1	-24.039	8	Pass
NVNT	g	2462	Ant1	-25.271	8	Pass
NVNT	n20	2412	Ant1	-25.65	8	Pass
NVNT	n20	2437	Ant1	-25.256	8	Pass
NVNT	n20	2462	Ant1	-25.058	8	Pass

Test Graphs

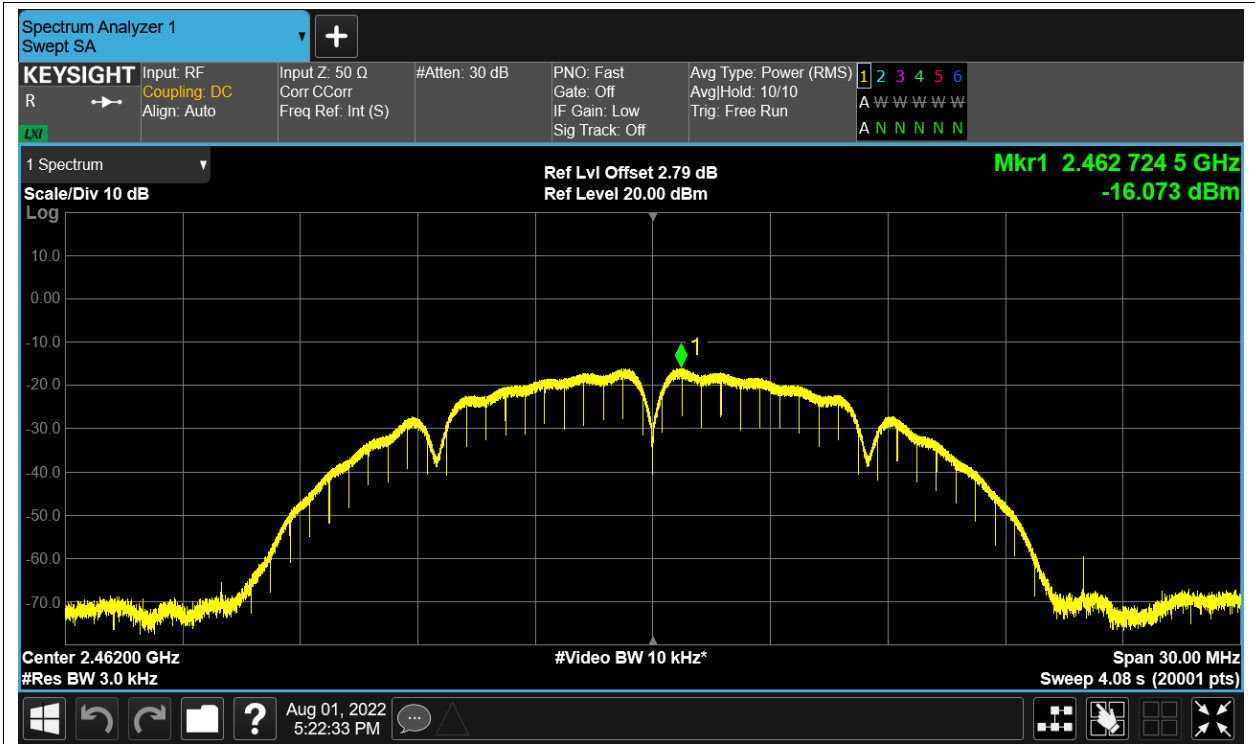
PSD NVNT b 2412MHz Ant1



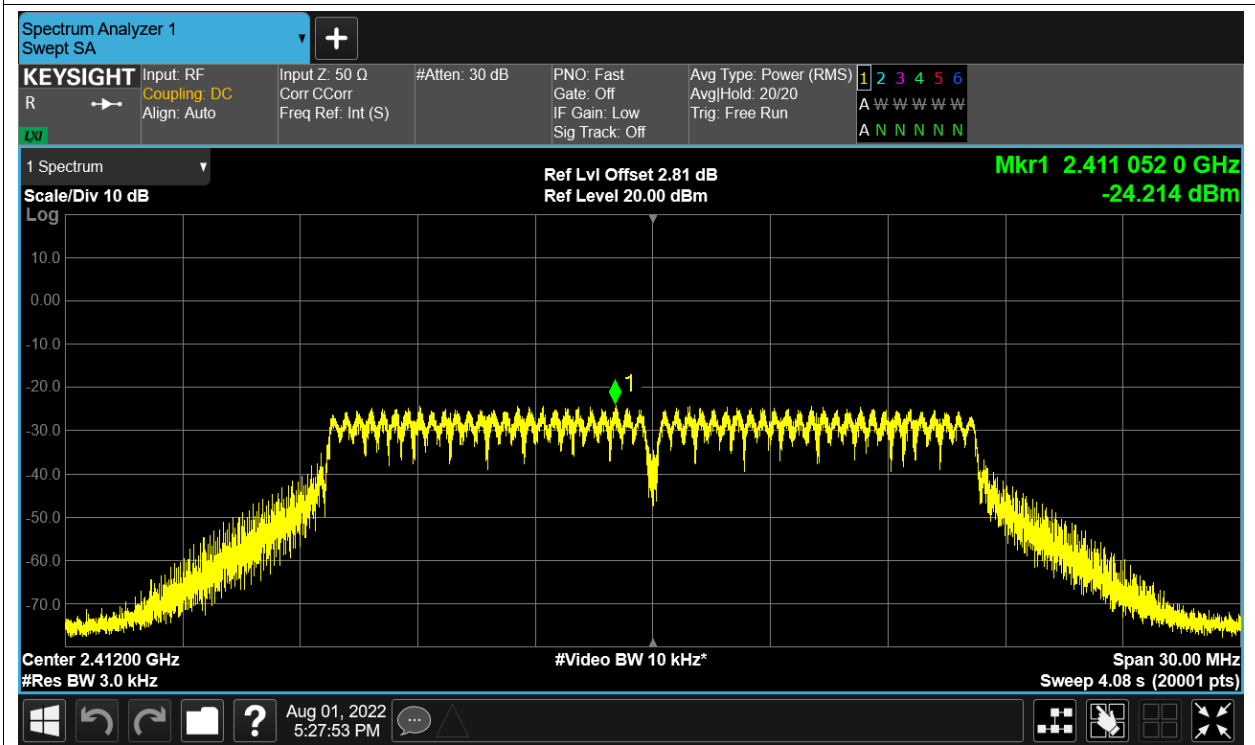
PSD NVNT b 2437MHz Ant1



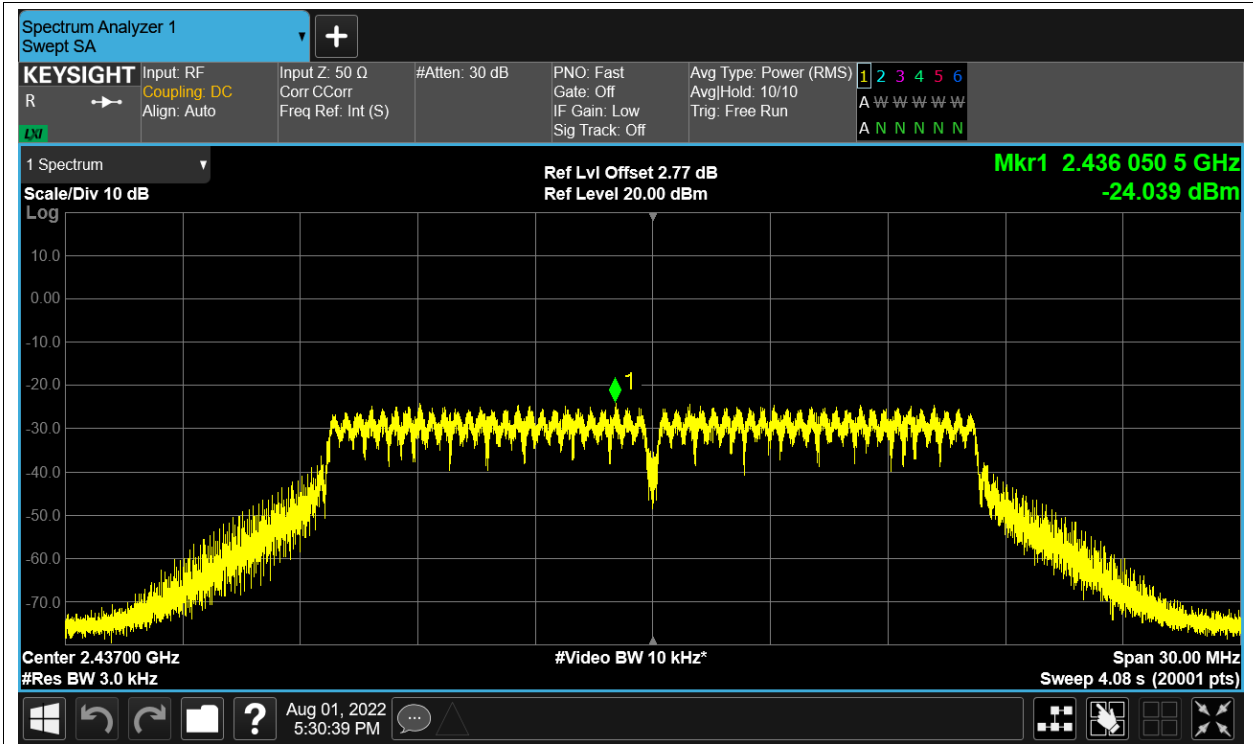
PSD NVNT b 2462MHz Ant1



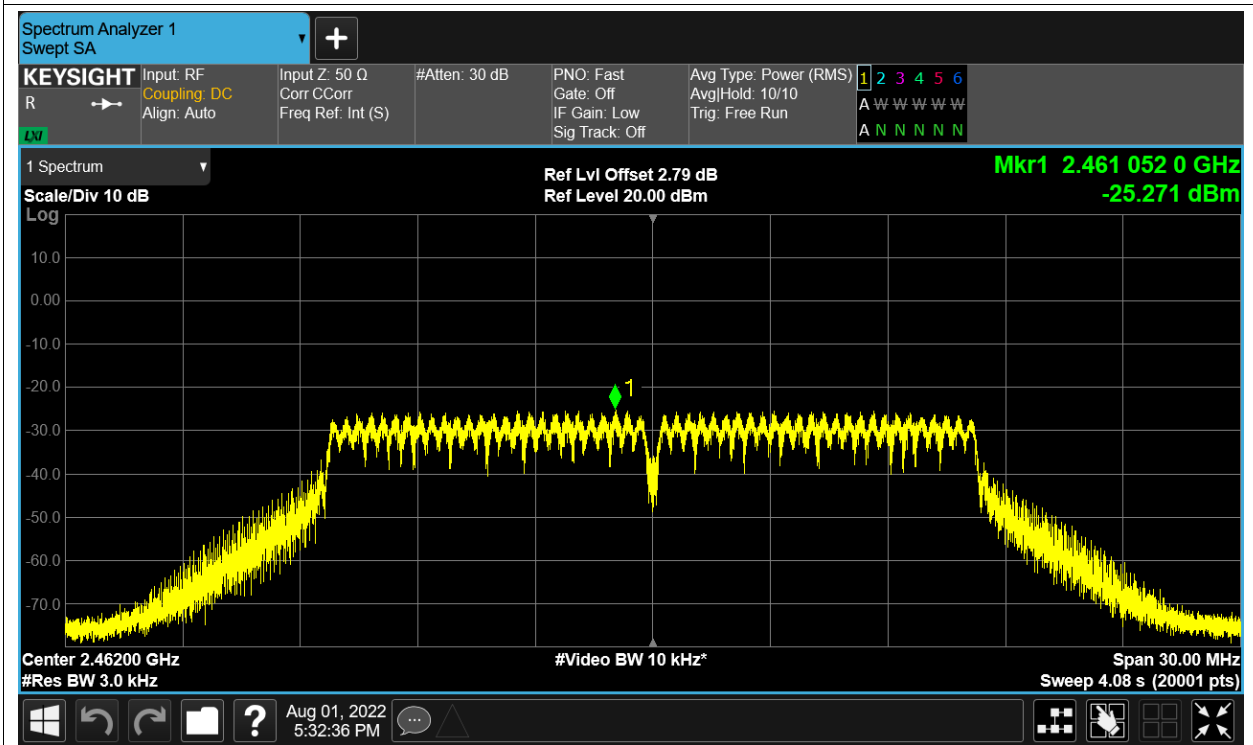
PSD NVNT g 2412MHz Ant1



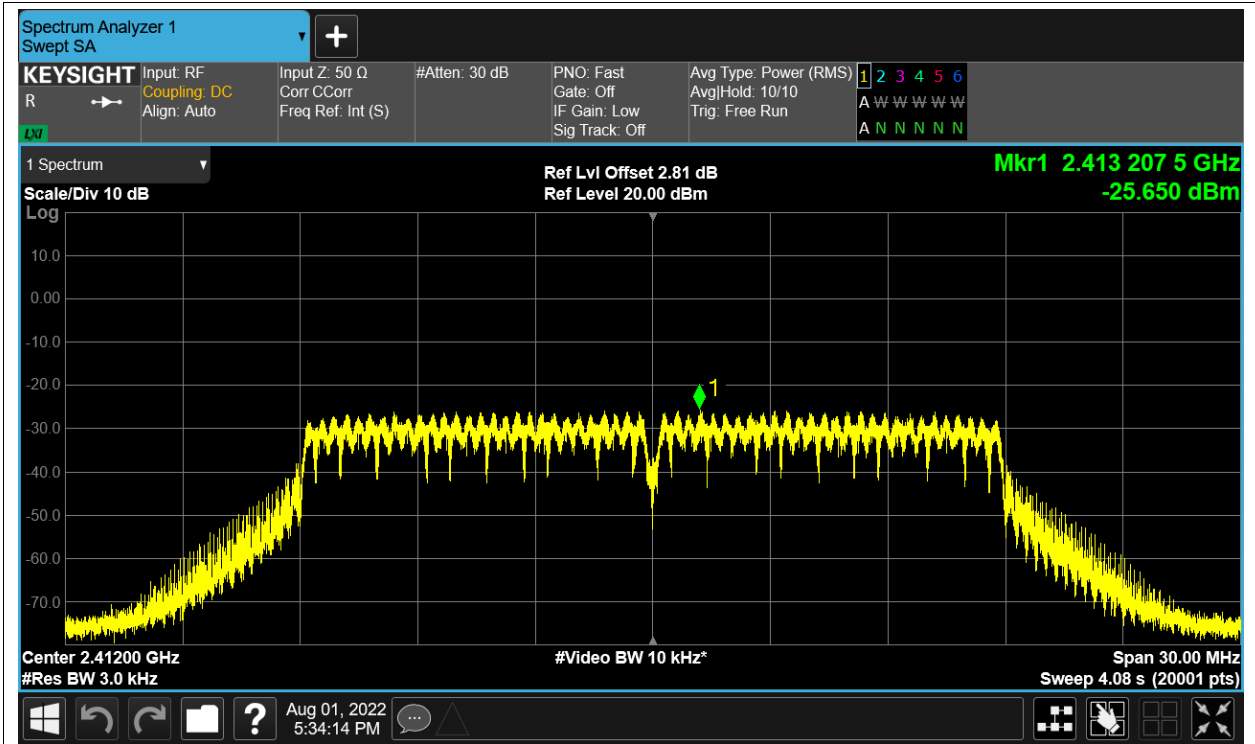
PSD NVNT g 2437MHz Ant1



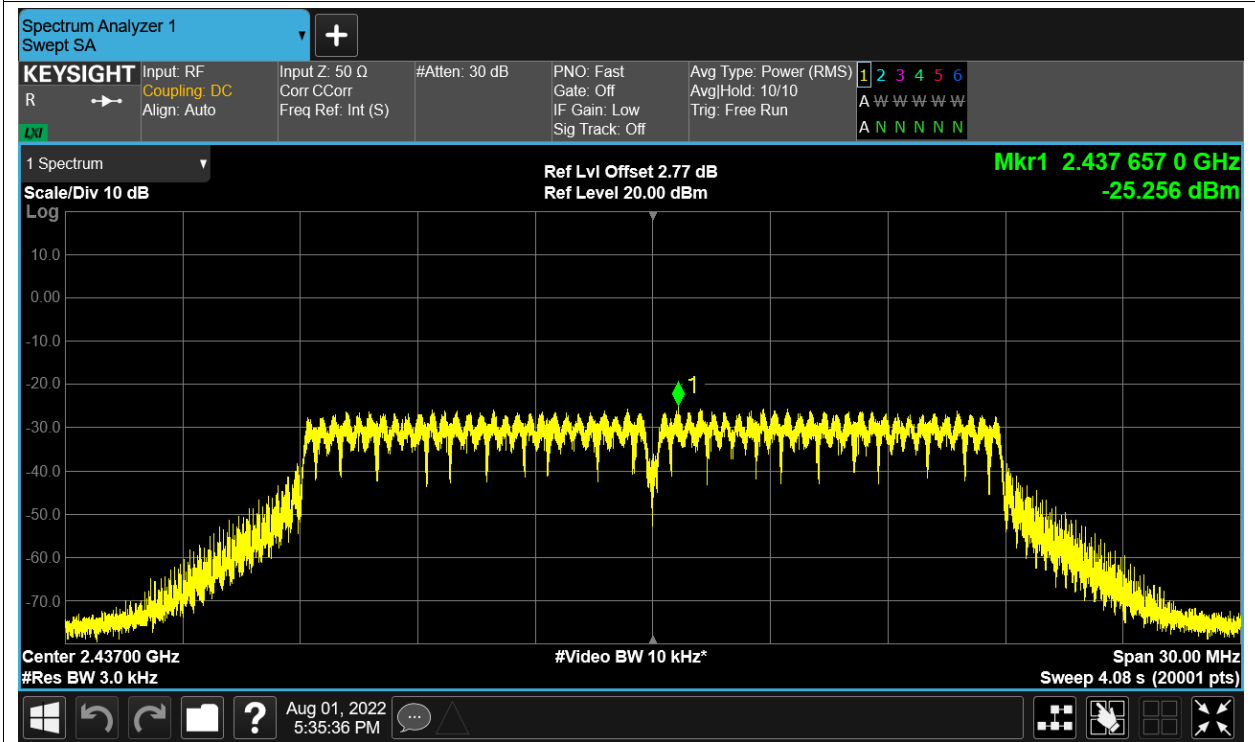
PSD NVNT g 2462MHz Ant1



PSD NVNT n20 2412MHz Ant1

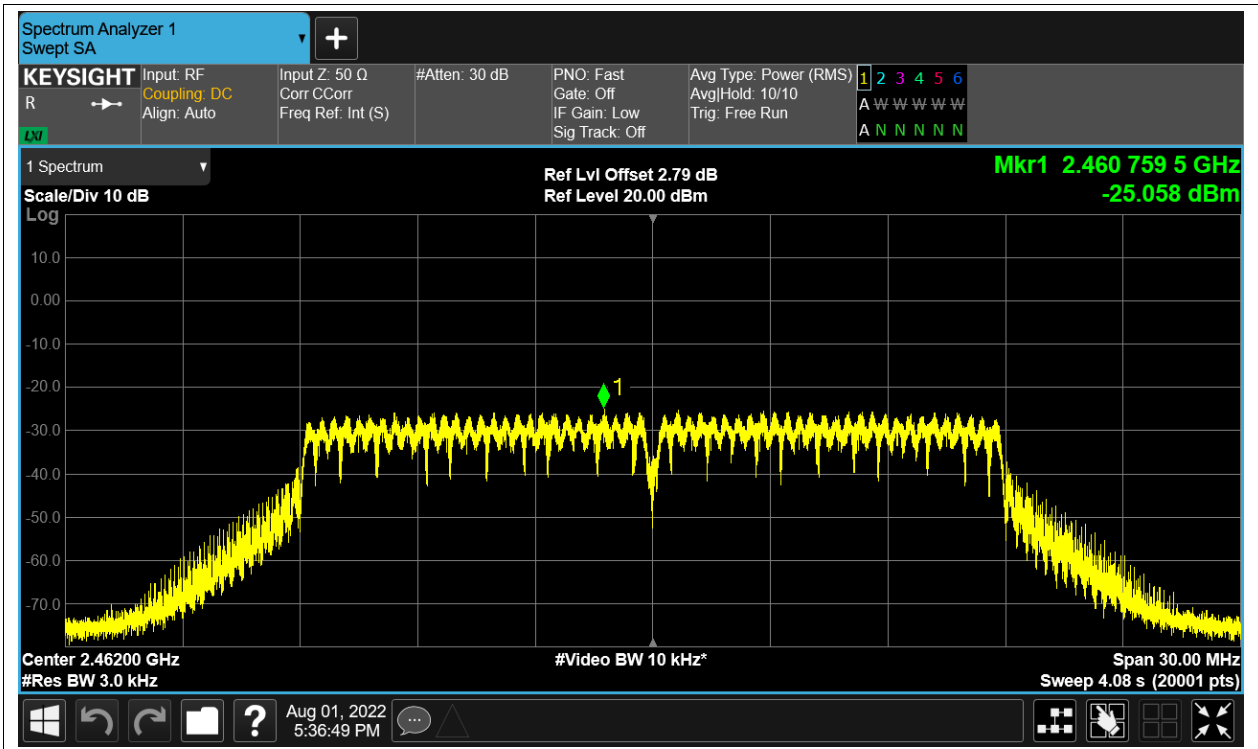


PSD NVNT n20 2437MHz Ant1



PSD NVNT n20 2462MHz Ant1



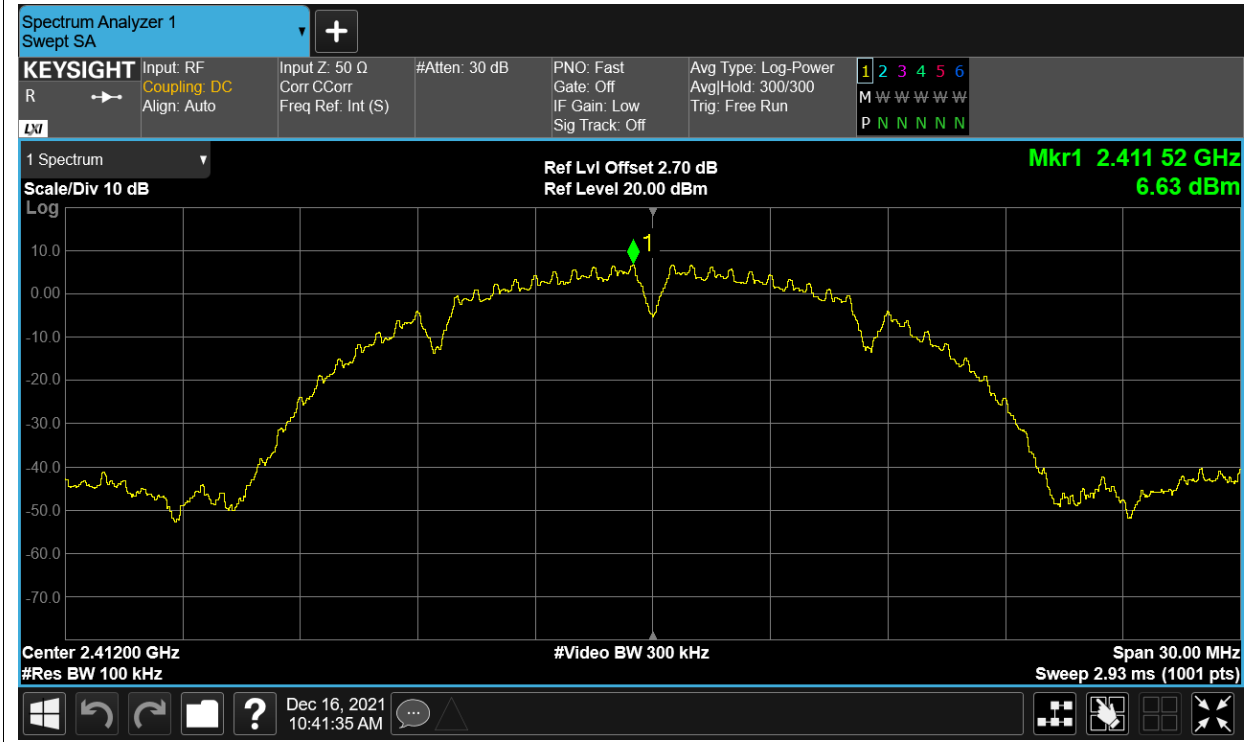


## Band Edge

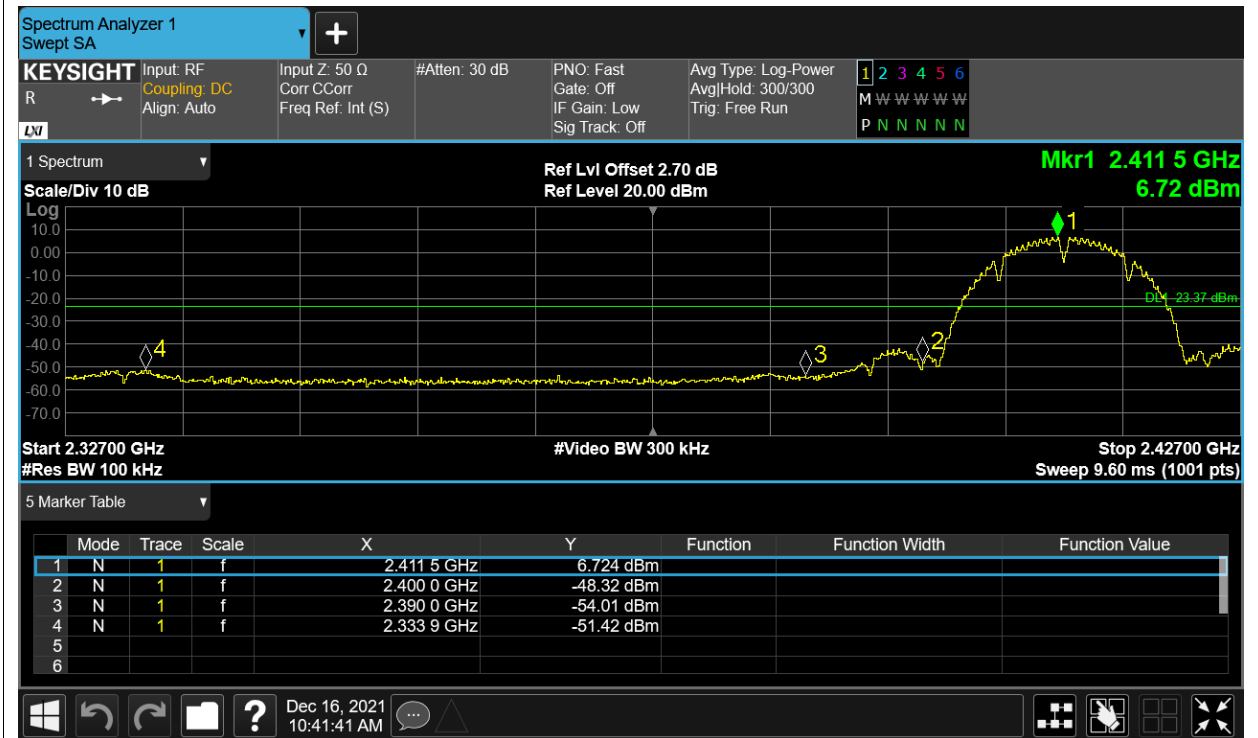
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-58.04	-30	Pass
NVNT	b	2462	Ant1	-58.16	-30	Pass
NVNT	g	2412	Ant1	-47.28	-30	Pass
NVNT	g	2462	Ant1	-46.84	-30	Pass
NVNT	n20	2412	Ant1	-46.97	-30	Pass
NVNT	n20	2462	Ant1	-47.63	-30	Pass

Test Graphs

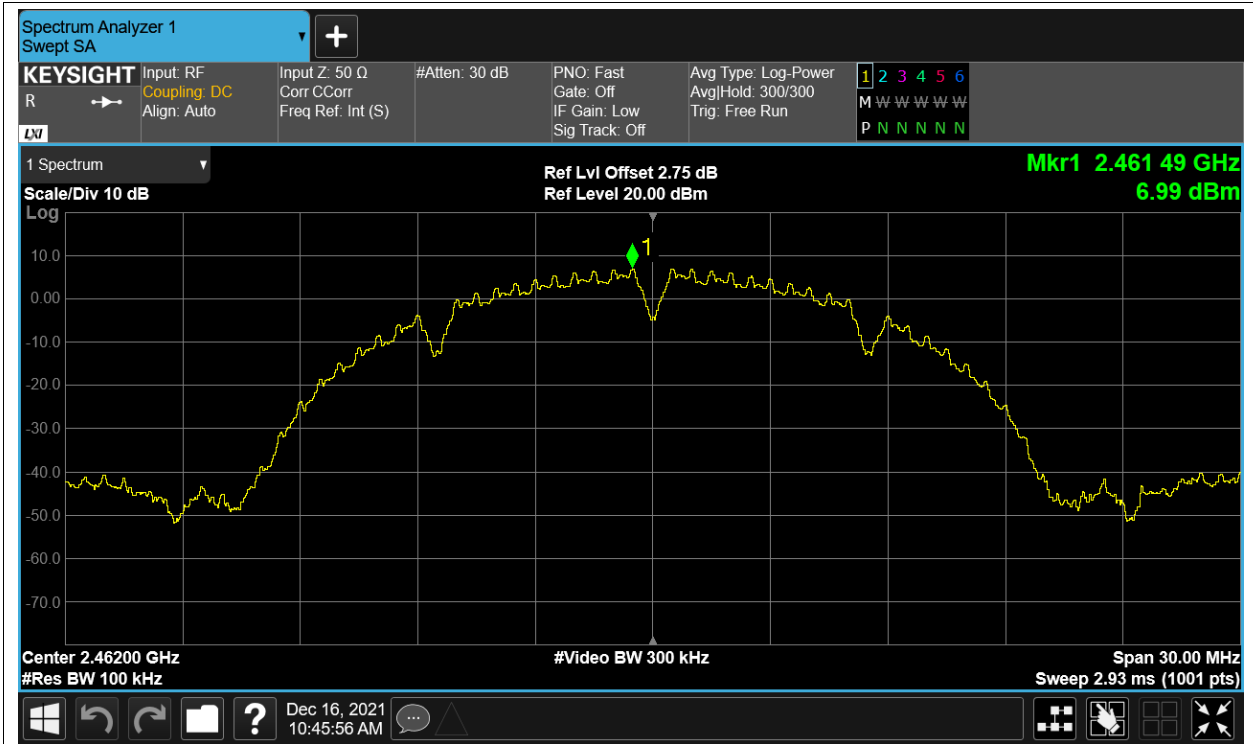
Band Edge NVNT b 2412MHz Ant1 Ref



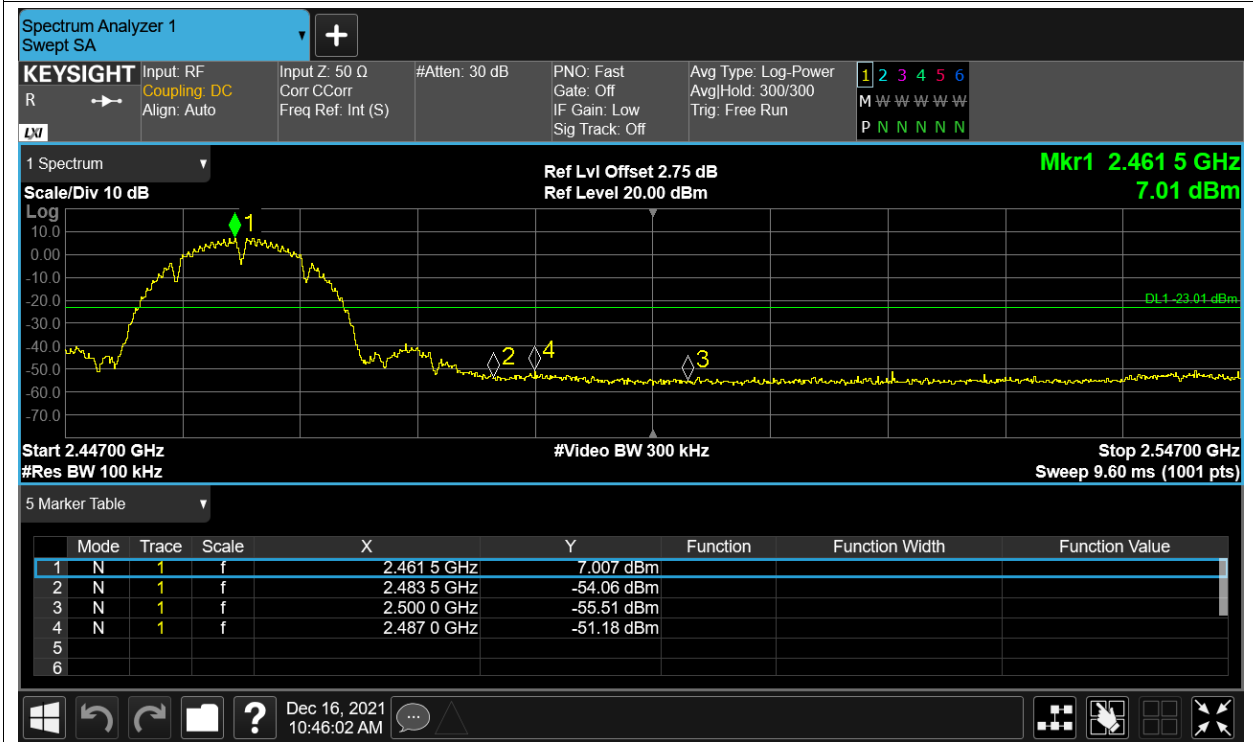
Band Edge NVNT b 2412MHz Ant1 Emission



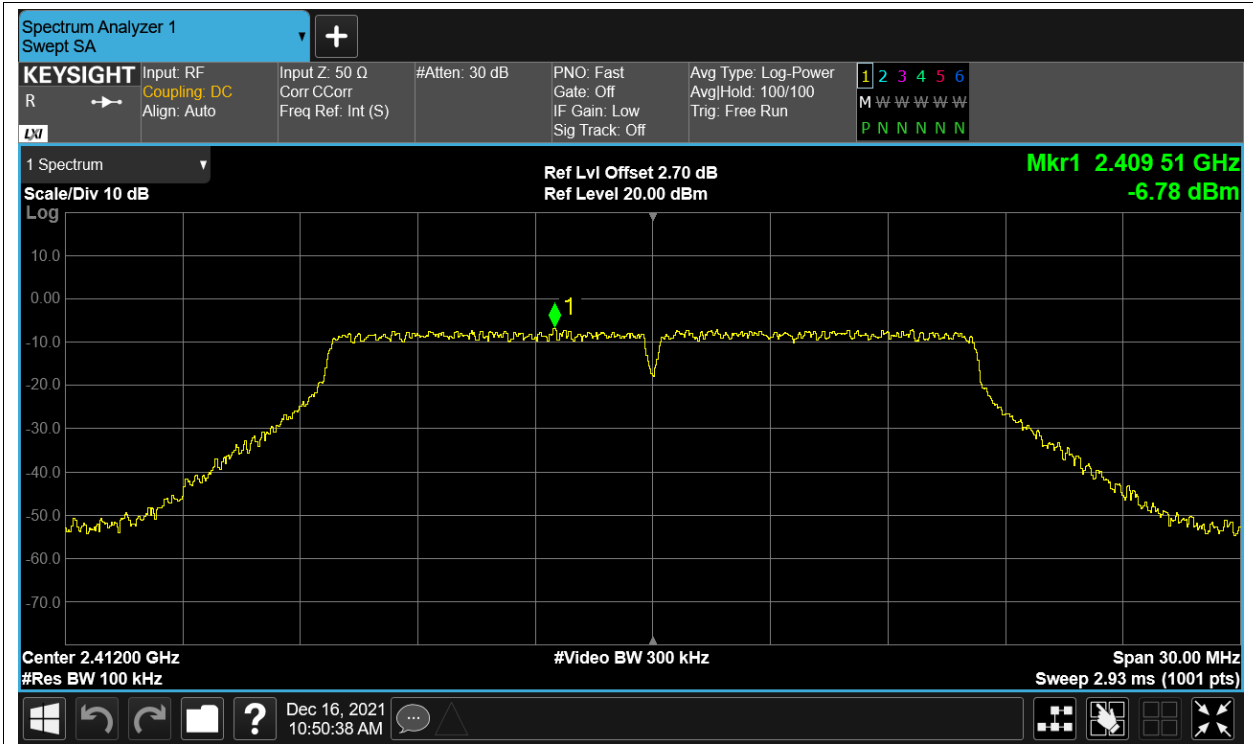
Band Edge NVNT b 2462MHz Ant1 Ref



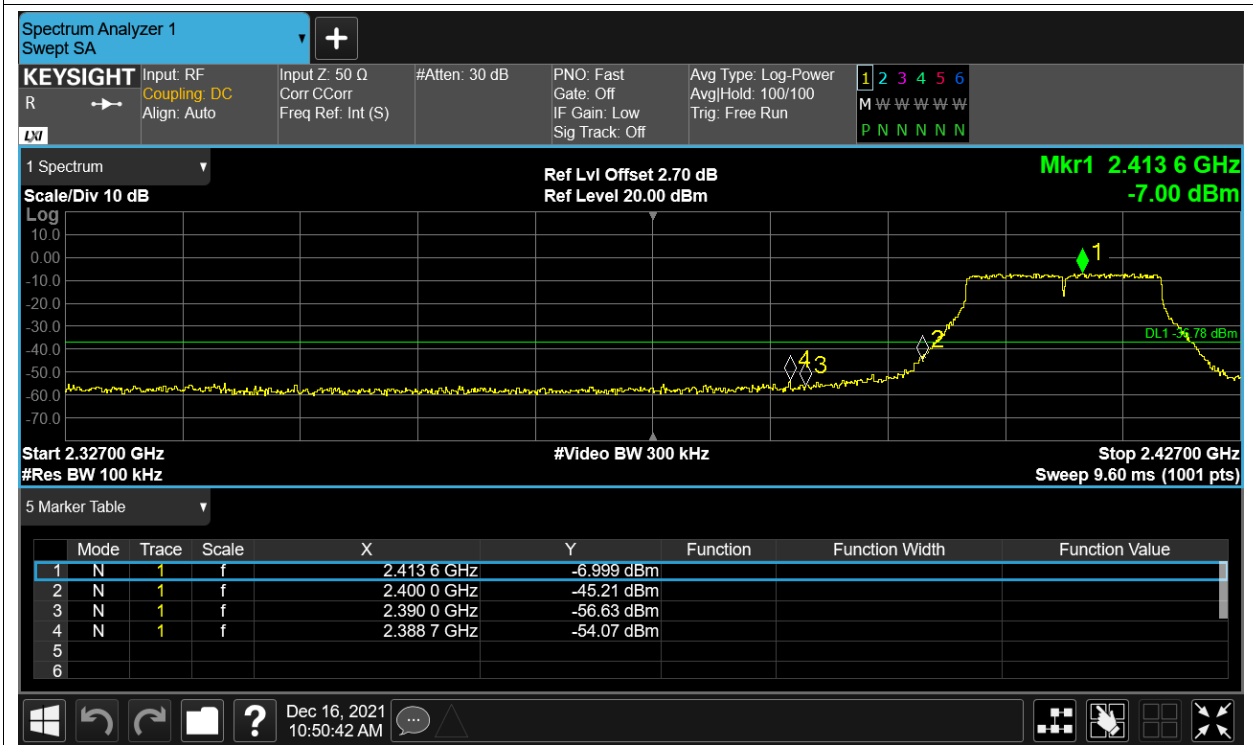
Band Edge NVNT b 2462MHz Ant1 Emission



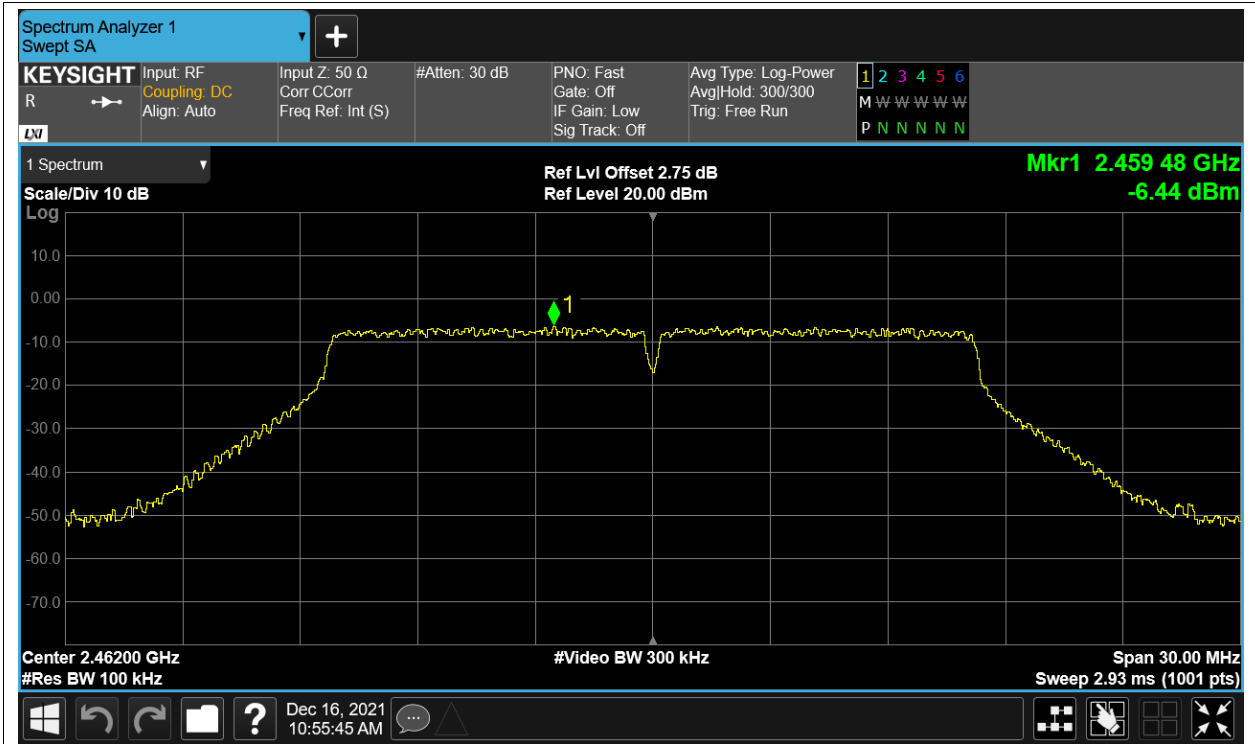
Band Edge NVNT g 2412MHz Ant1 Ref



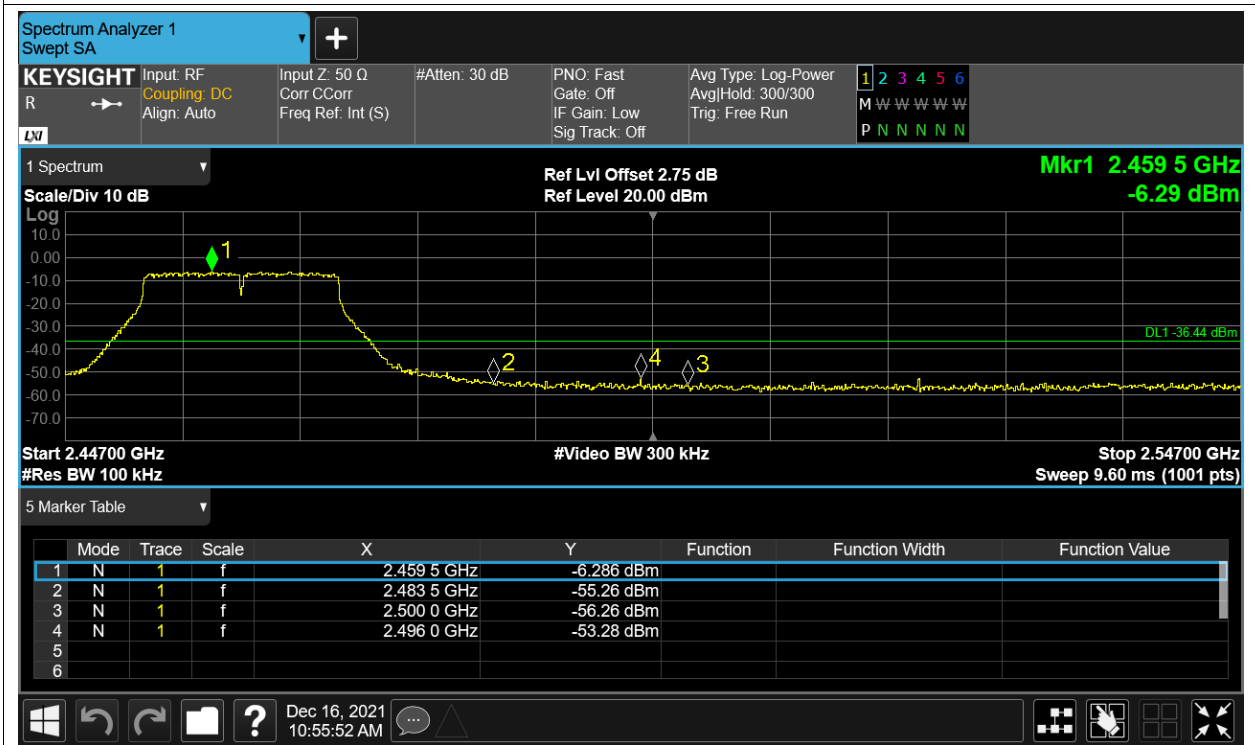
Band Edge NVNT g 2412MHz Ant1 Emission



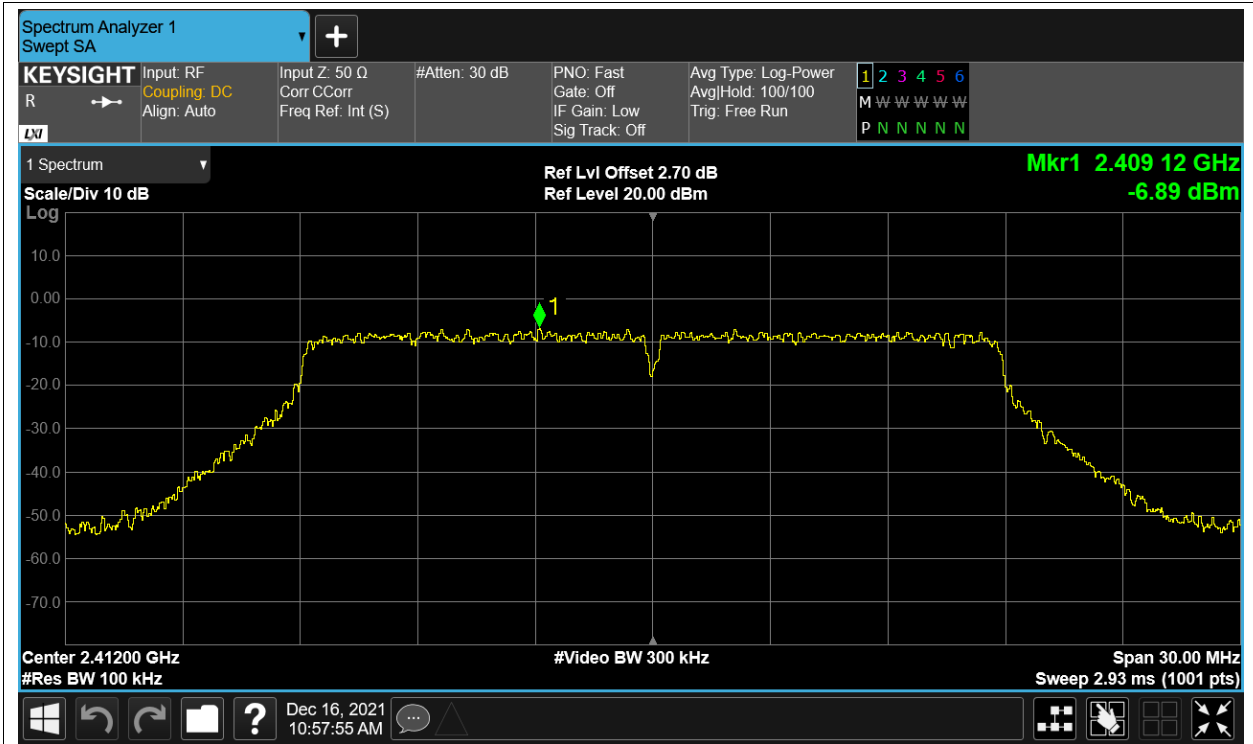
Band Edge NVNT g 2462MHz Ant1 Ref



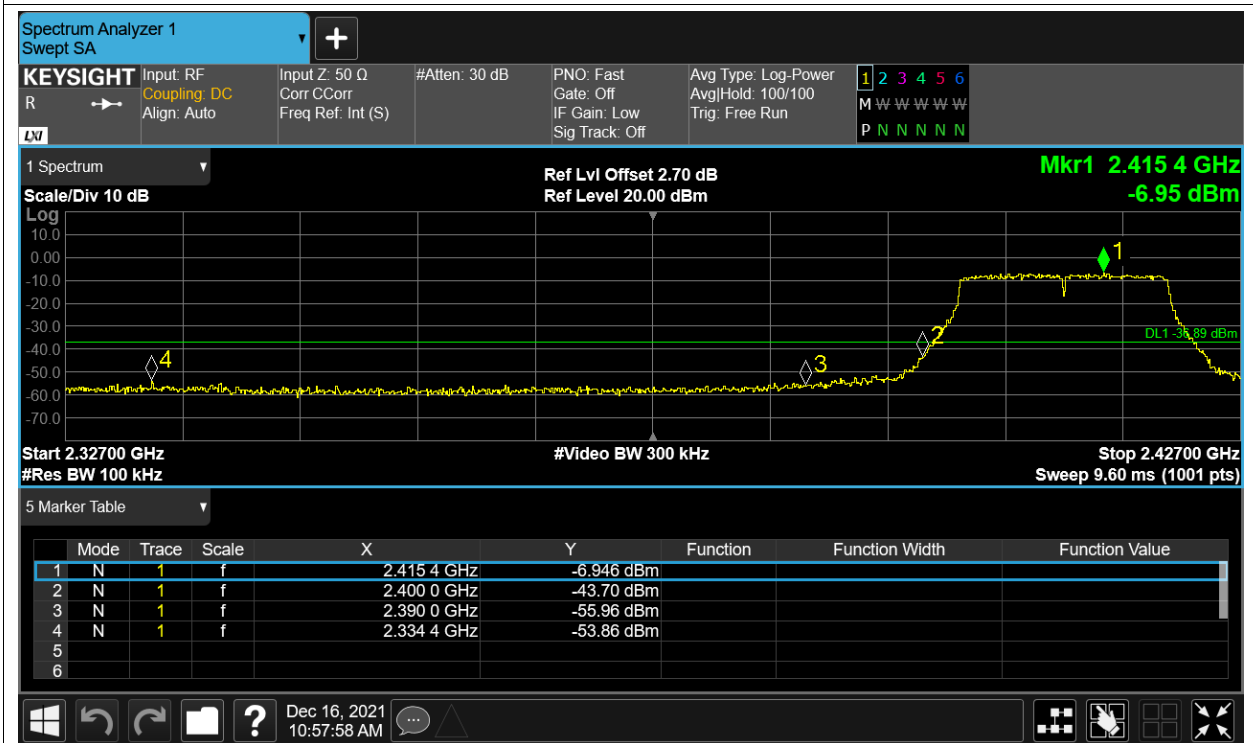
Band Edge NVNT g 2462MHz Ant1 Emission



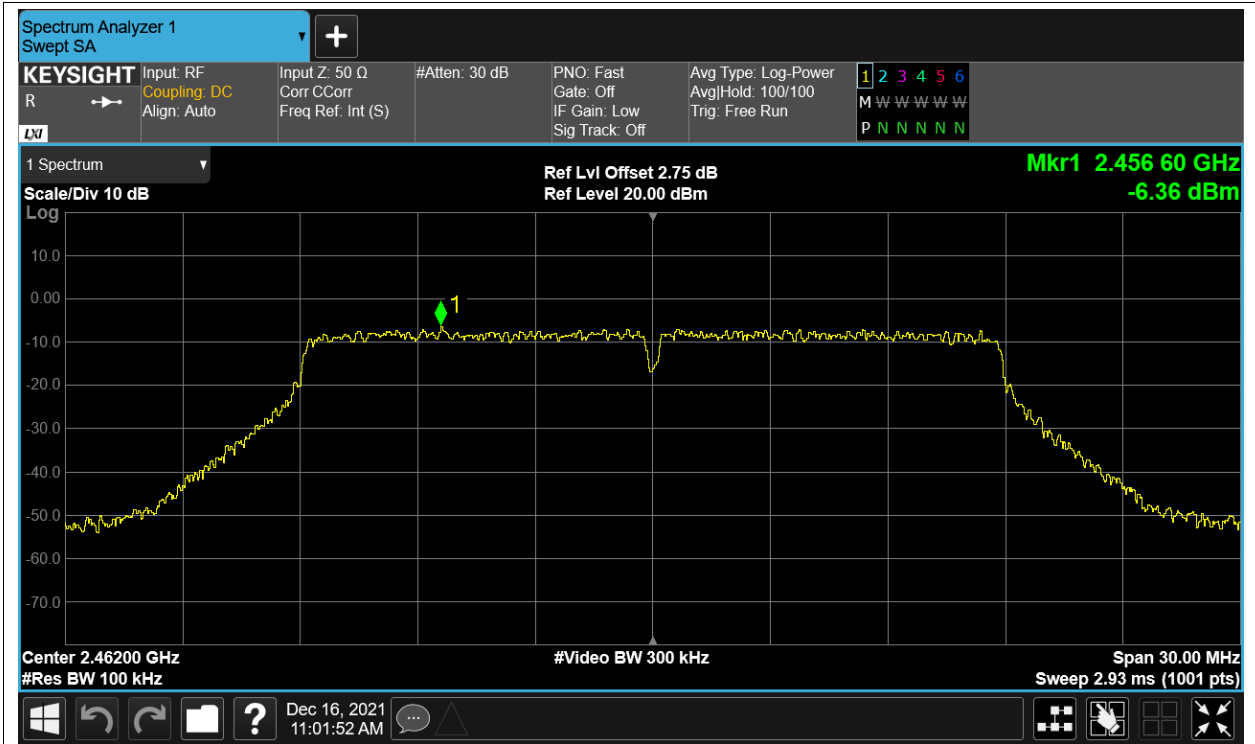
Band Edge NVNT n20 2412MHz Ant1 Ref



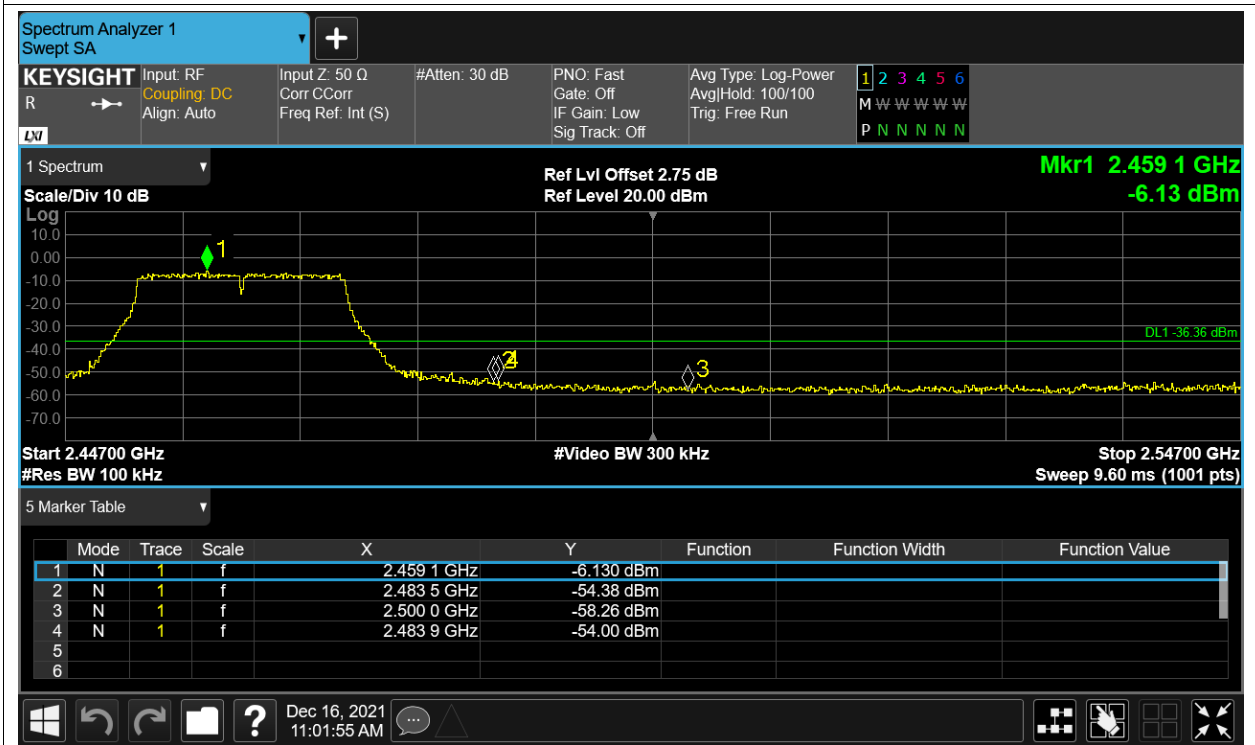
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref

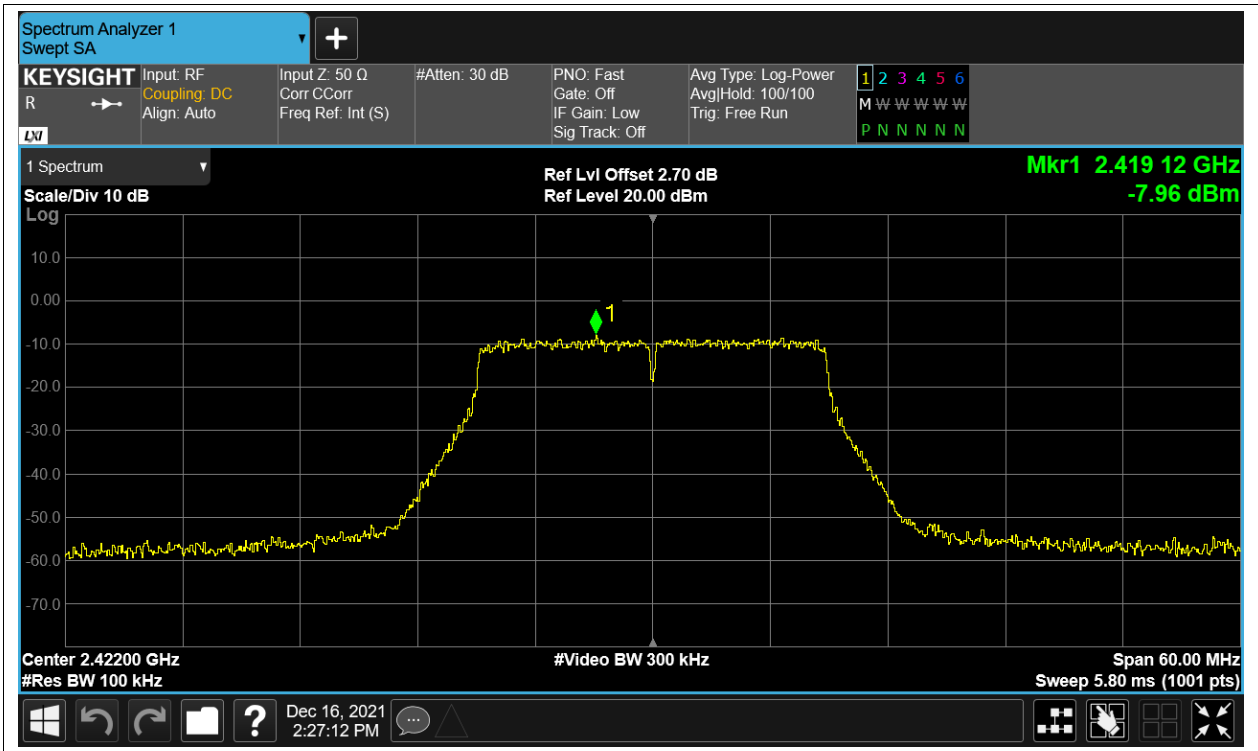


Band Edge NVNT n20 2462MHz Ant1 Emission



Band Edge NVNT n40 2422MHz Ant1 Ref



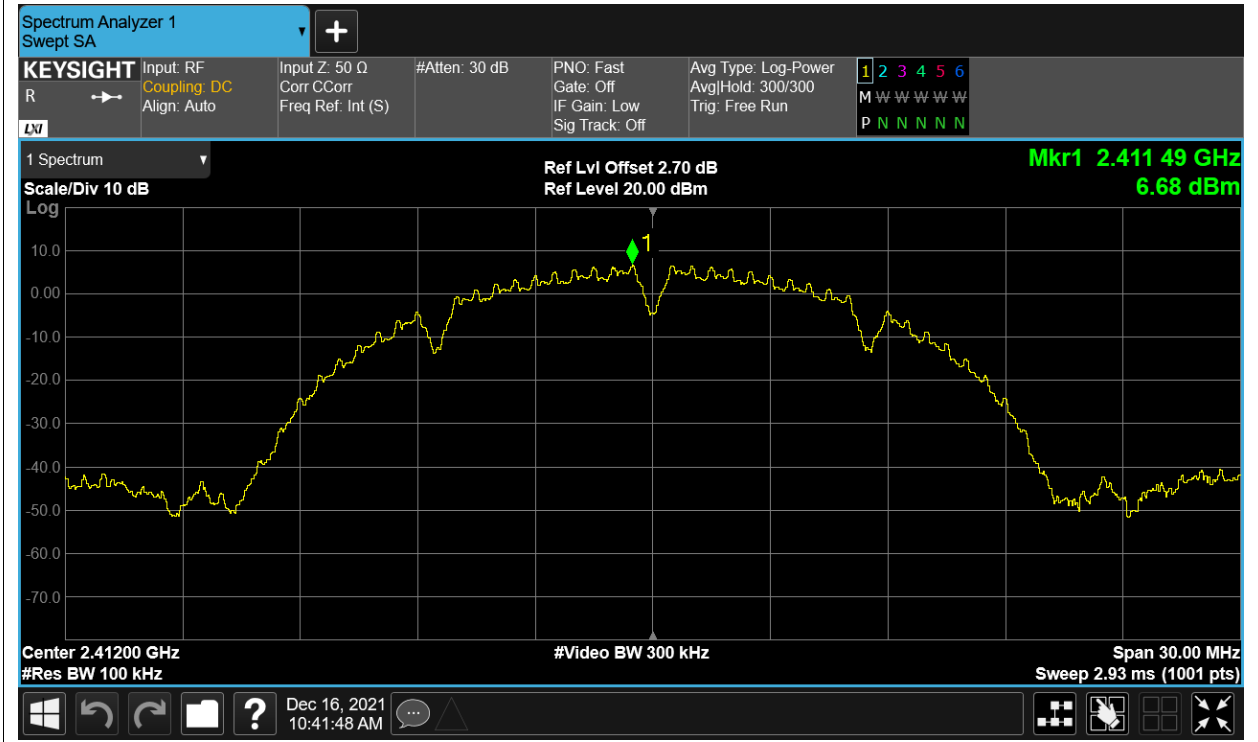


## Conducted RF Spurious Emission

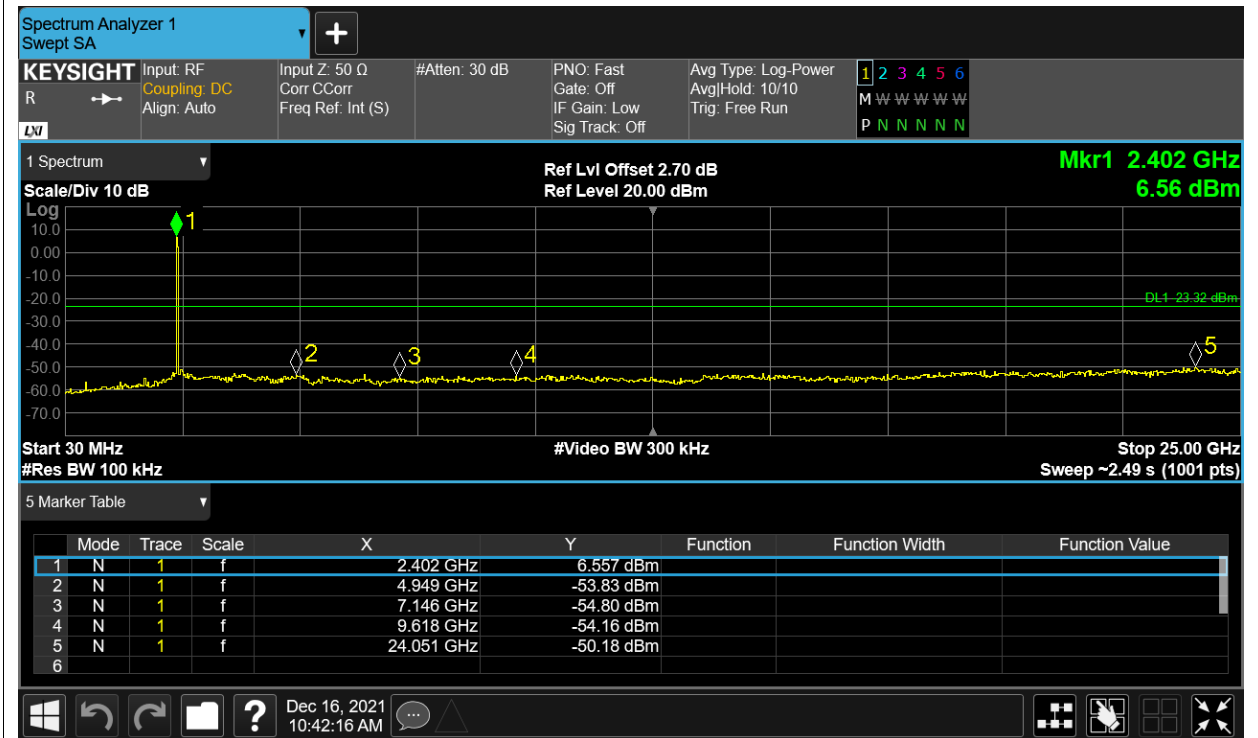
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-56.86	-30	Pass
NVNT	b	2437	Ant1	-57.1	-30	Pass
NVNT	b	2462	Ant1	-57.22	-30	Pass
NVNT	g	2412	Ant1	-32.97	-30	Pass
NVNT	g	2437	Ant1	-43.96	-30	Pass
NVNT	g	2462	Ant1	-43.75	-30	Pass
NVNT	n20	2412	Ant1	-43.3	-30	Pass
NVNT	n20	2437	Ant1	-49.29	-30	Pass
NVNT	n20	2462	Ant1	-33.91	-30	Pass

Test Graphs

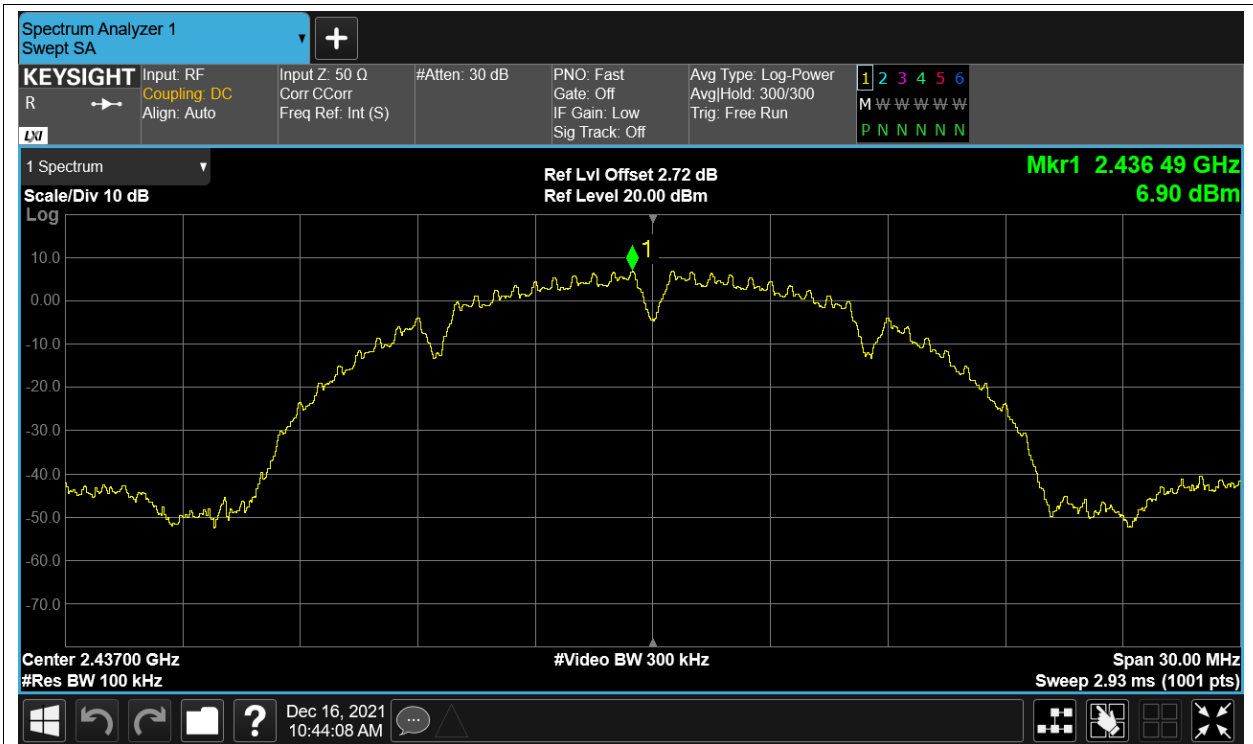
Tx. Spurious NVNT b 2412MHz Ant1 Ref



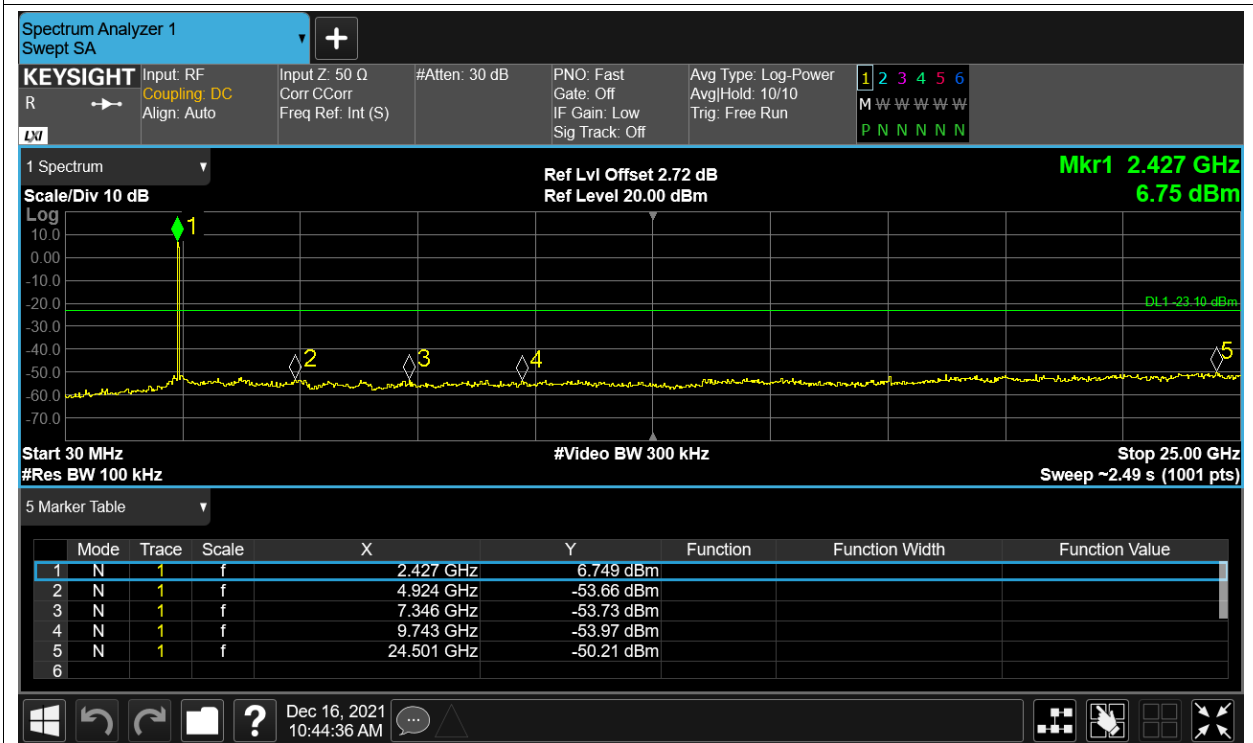
Tx. Spurious NVNT b 2412MHz Ant1 Emission



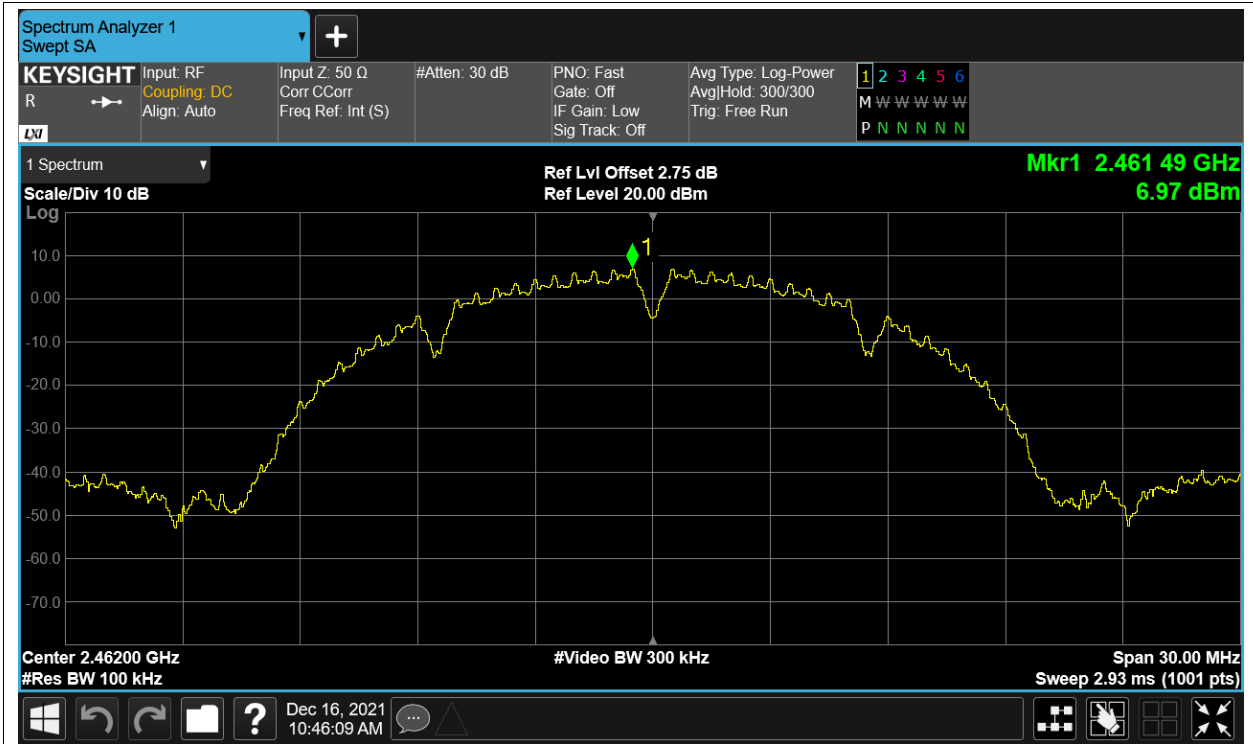
Tx. Spurious NVNT b 2437MHz Ant1 Ref



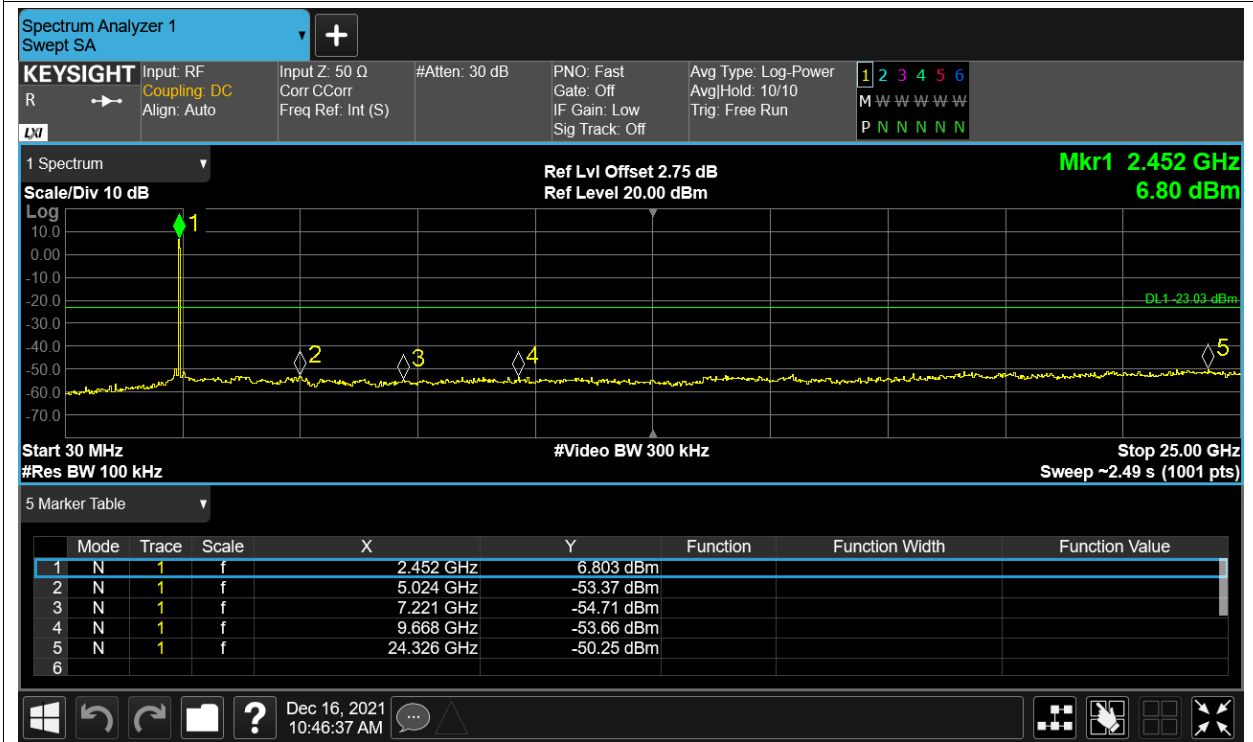
Tx. Spurious NVNT b 2437MHz Ant1 Emission



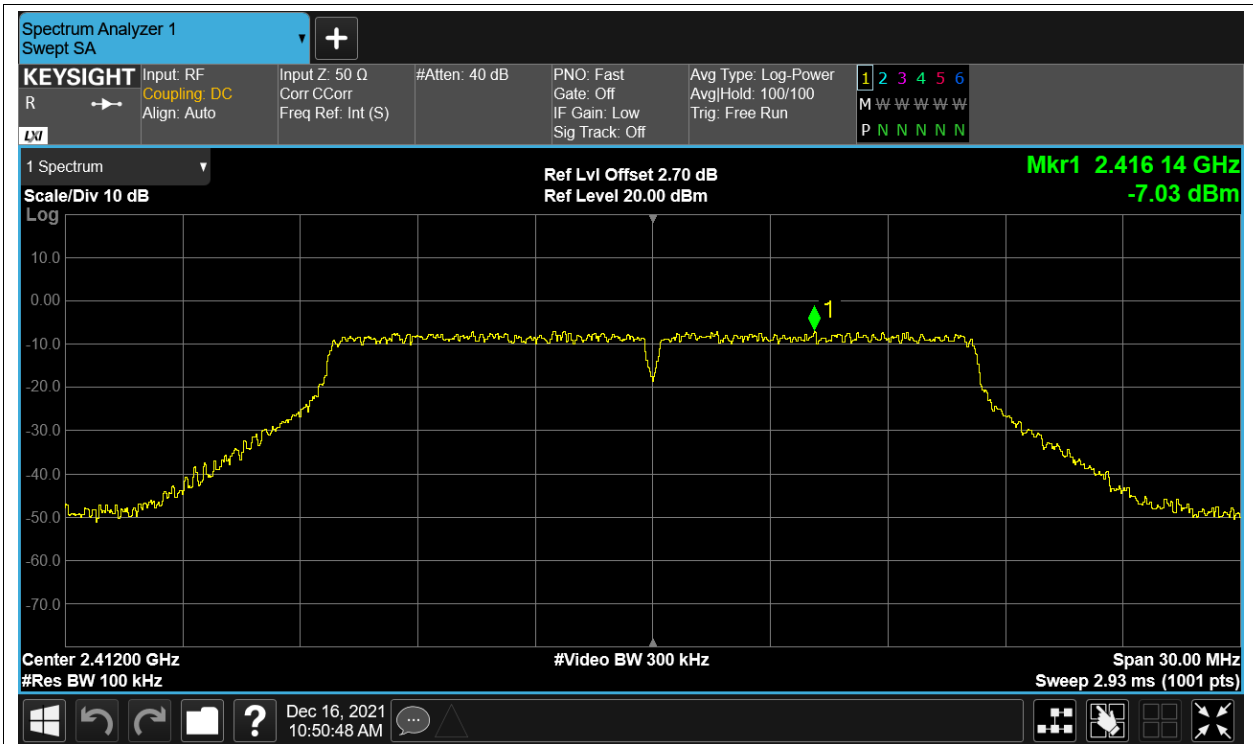
Tx. Spurious NVNT b 2462MHz Ant1 Ref



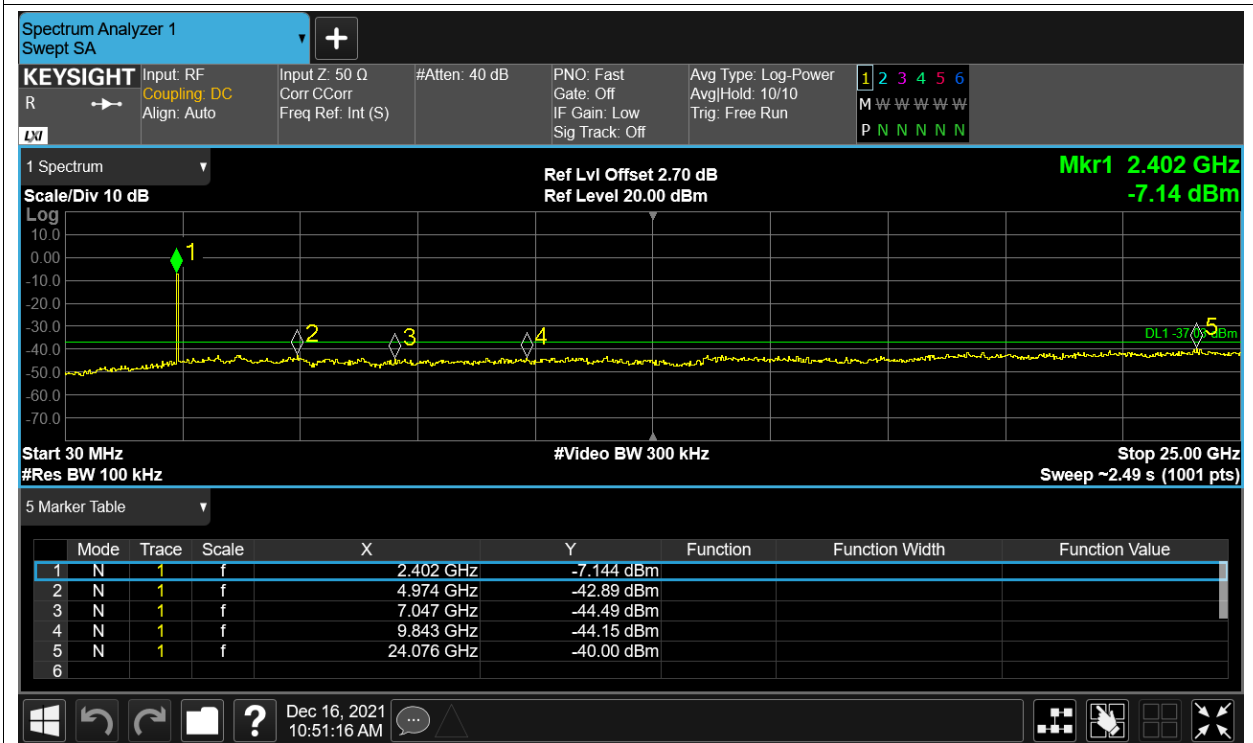
Tx. Spurious NVNT b 2462MHz Ant1 Emission



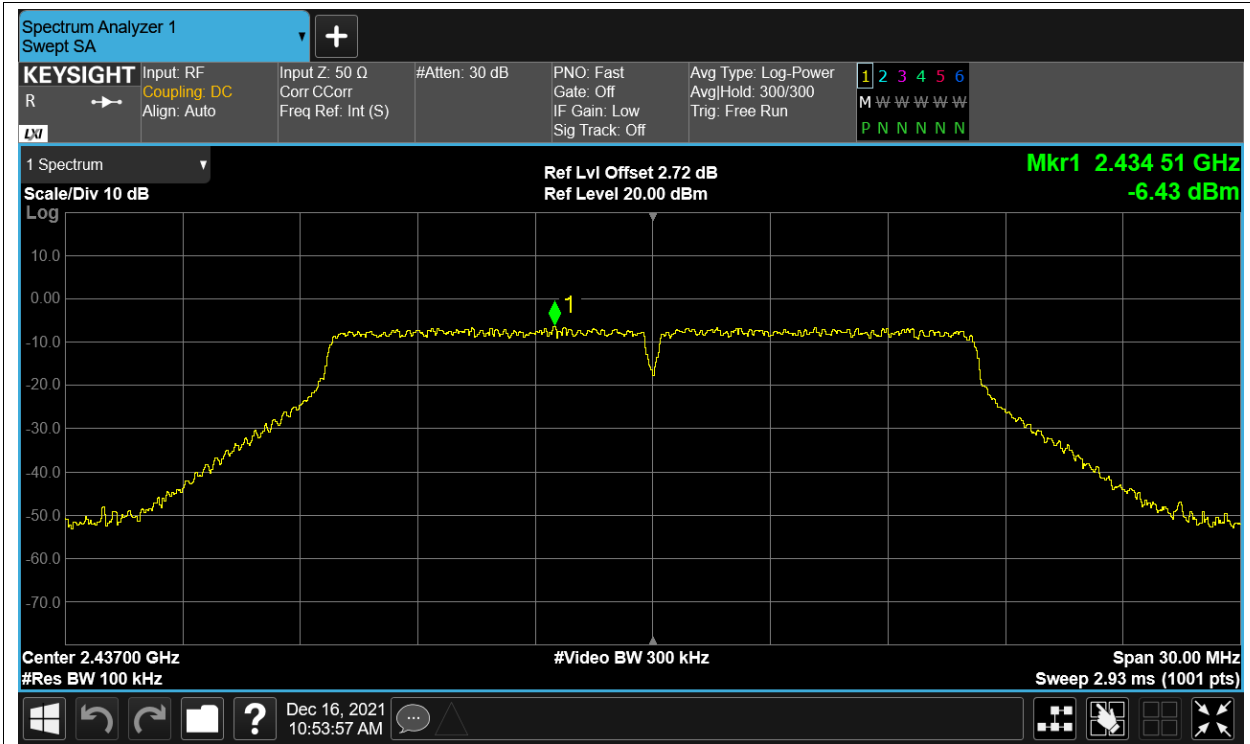
Tx. Spurious NVNT g 2412MHz Ant1 Ref



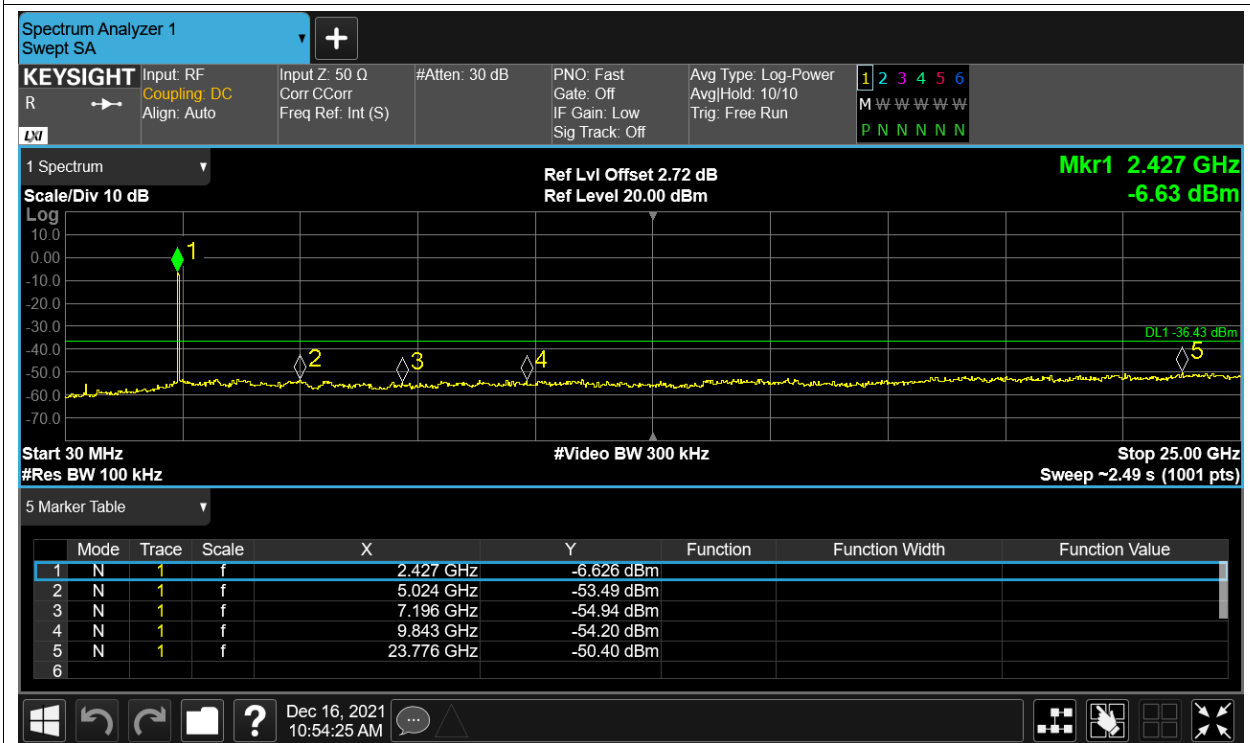
Tx. Spurious NVNT g 2412MHz Ant1 Emission



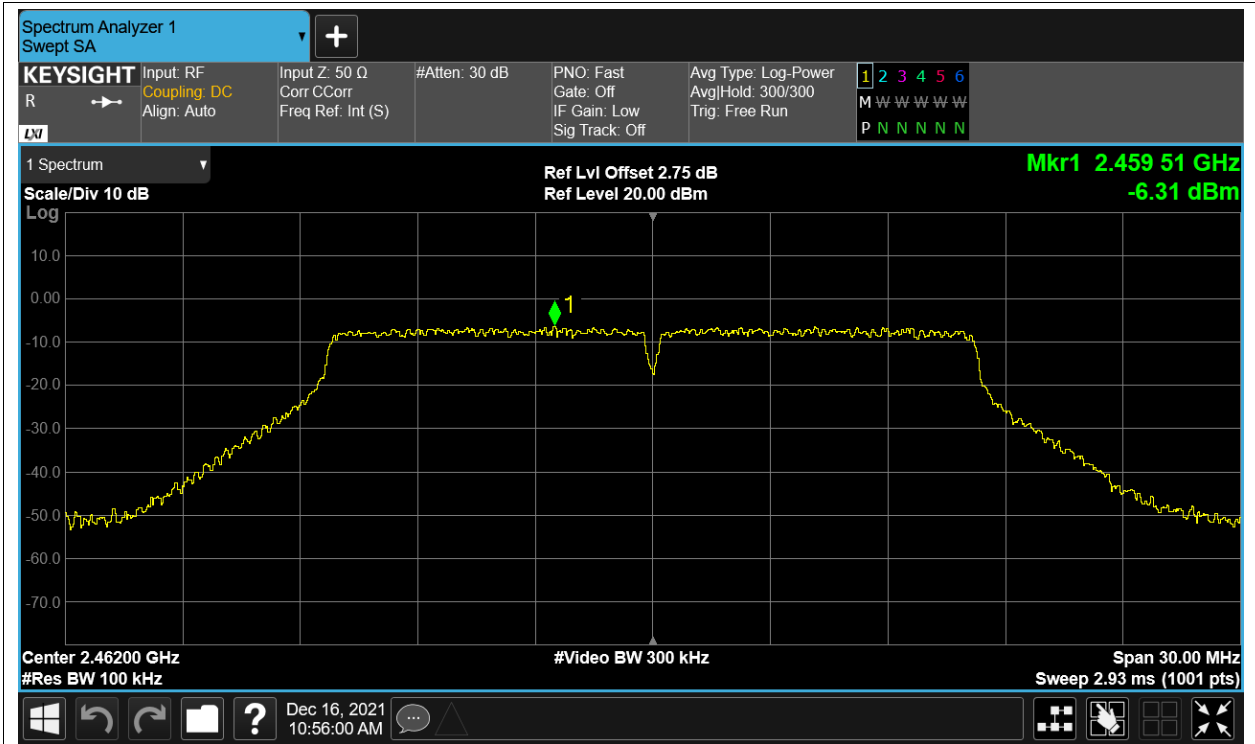
Tx. Spurious NVNT g 2437MHz Ant1 Ref



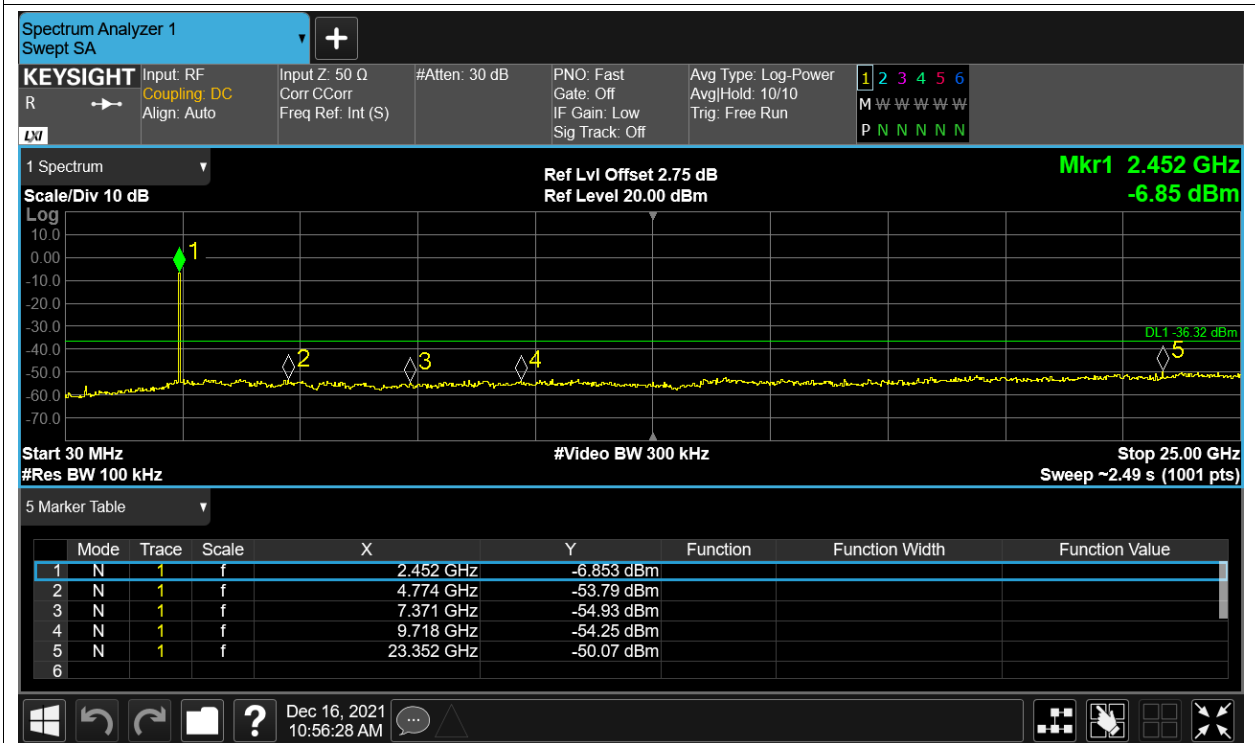
Tx. Spurious NVNT g 2437MHz Ant1 Emission



Tx. Spurious NVNT g 2462MHz Ant1 Ref

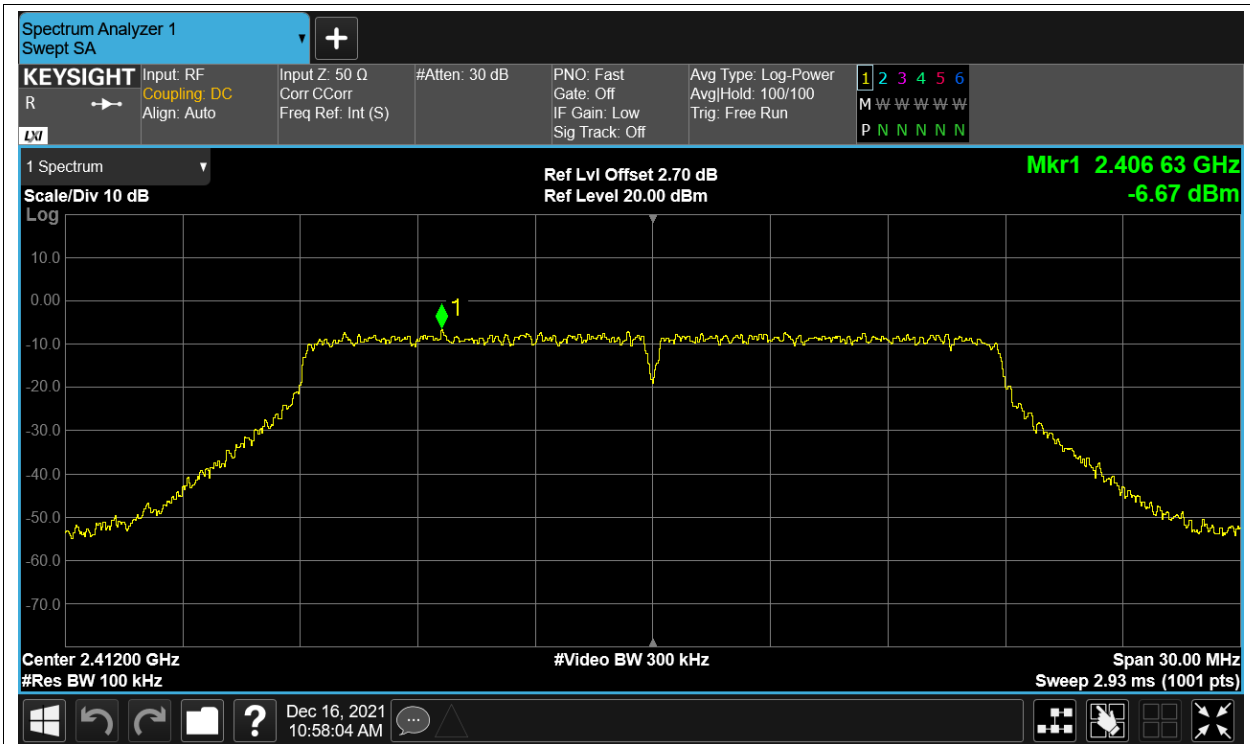


Tx. Spurious NVNT g 2462MHz Ant1 Emission

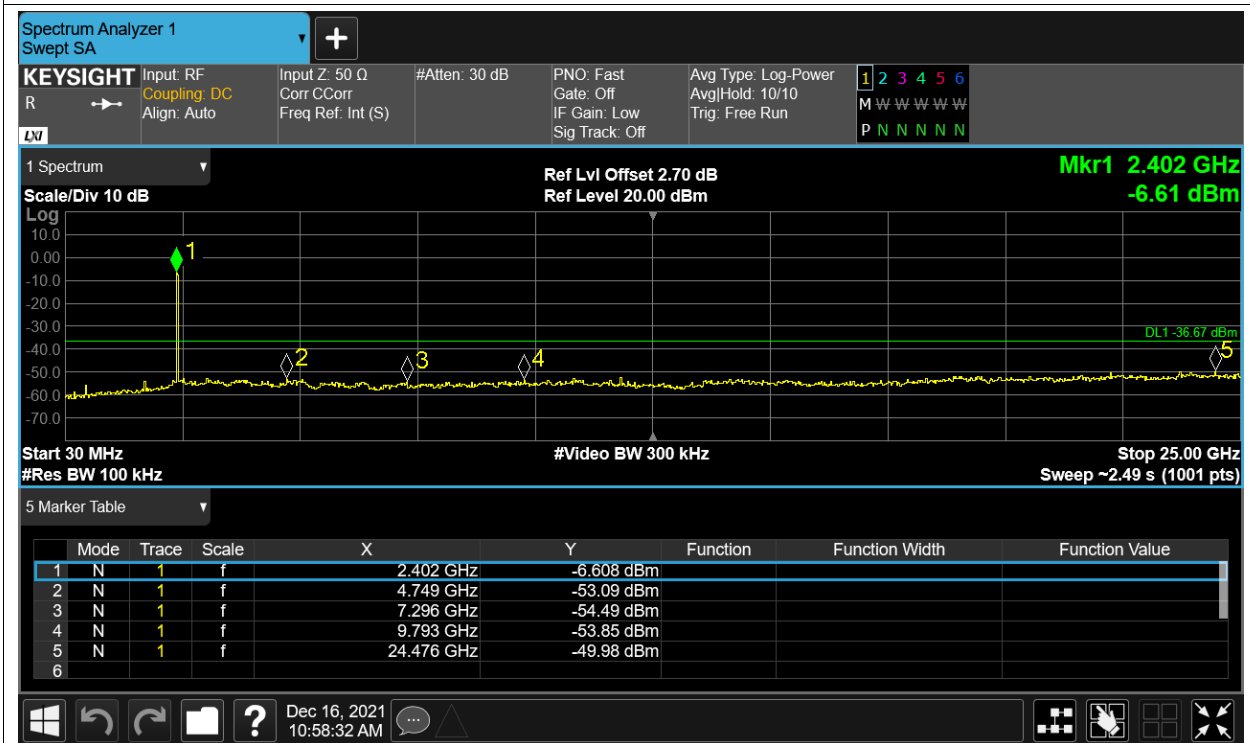


Tx. Spurious NVNT n20 2412MHz Ant1 Ref

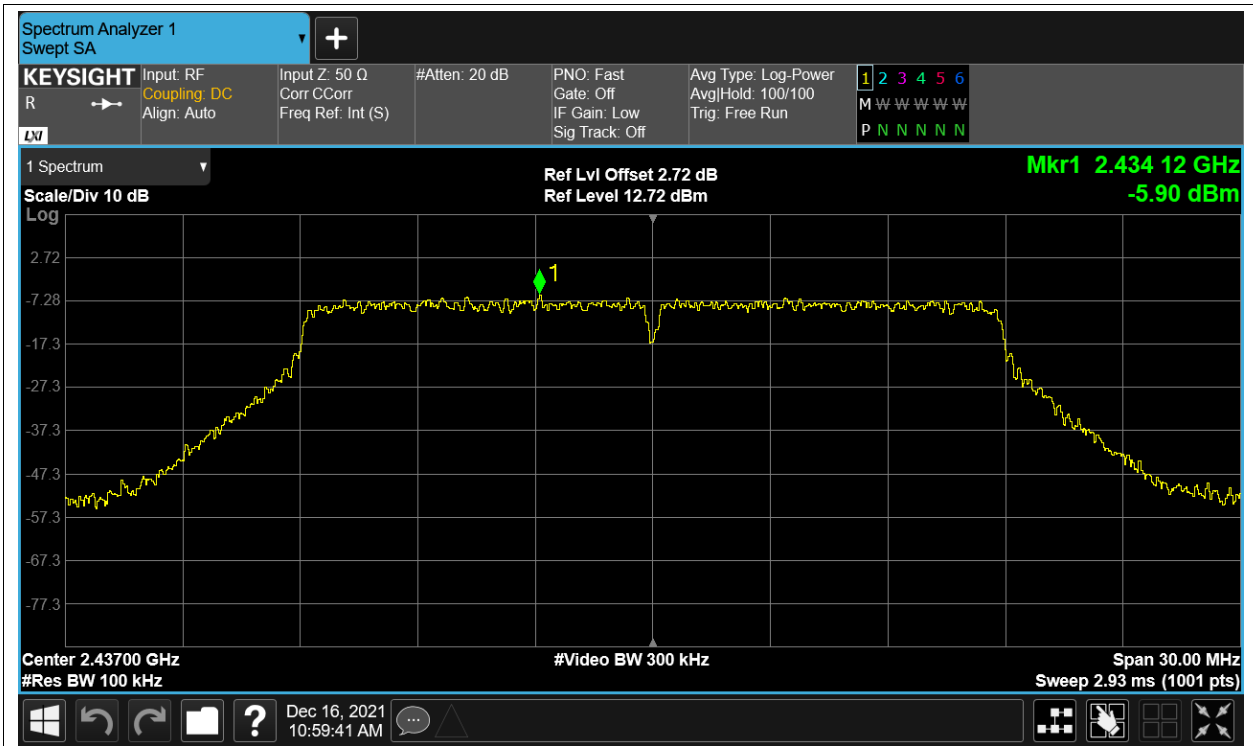




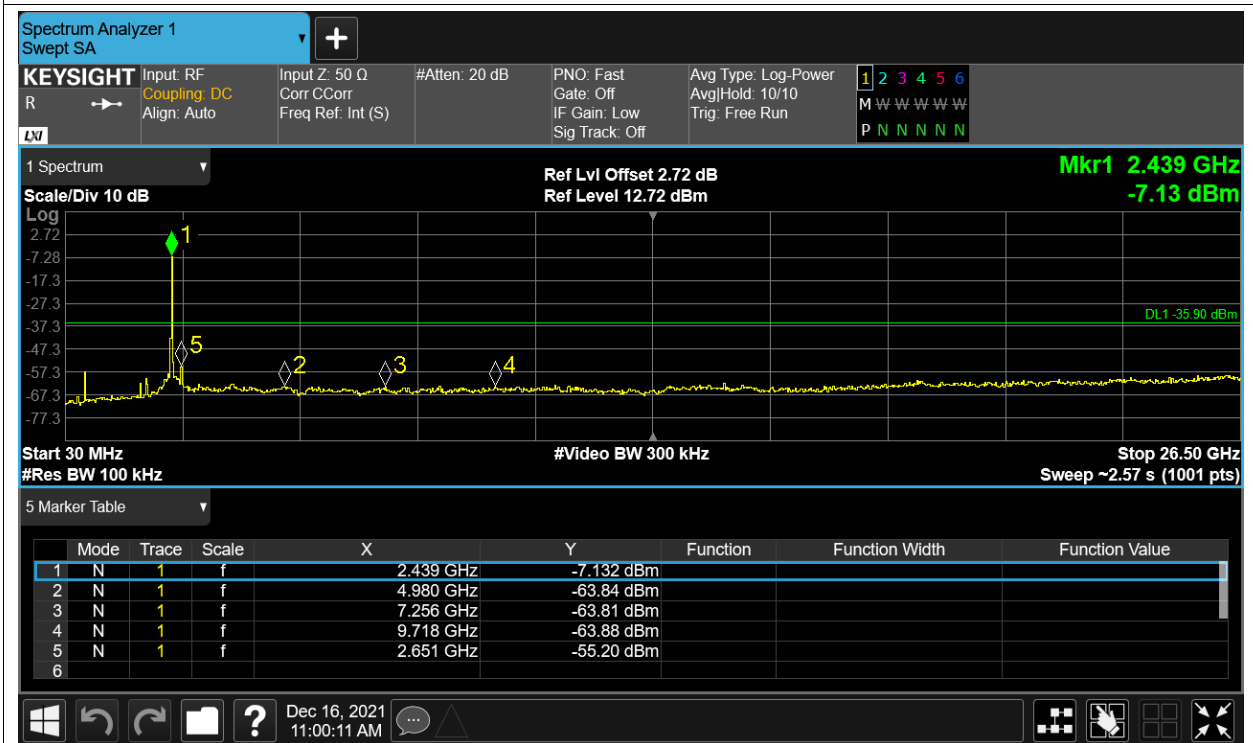
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



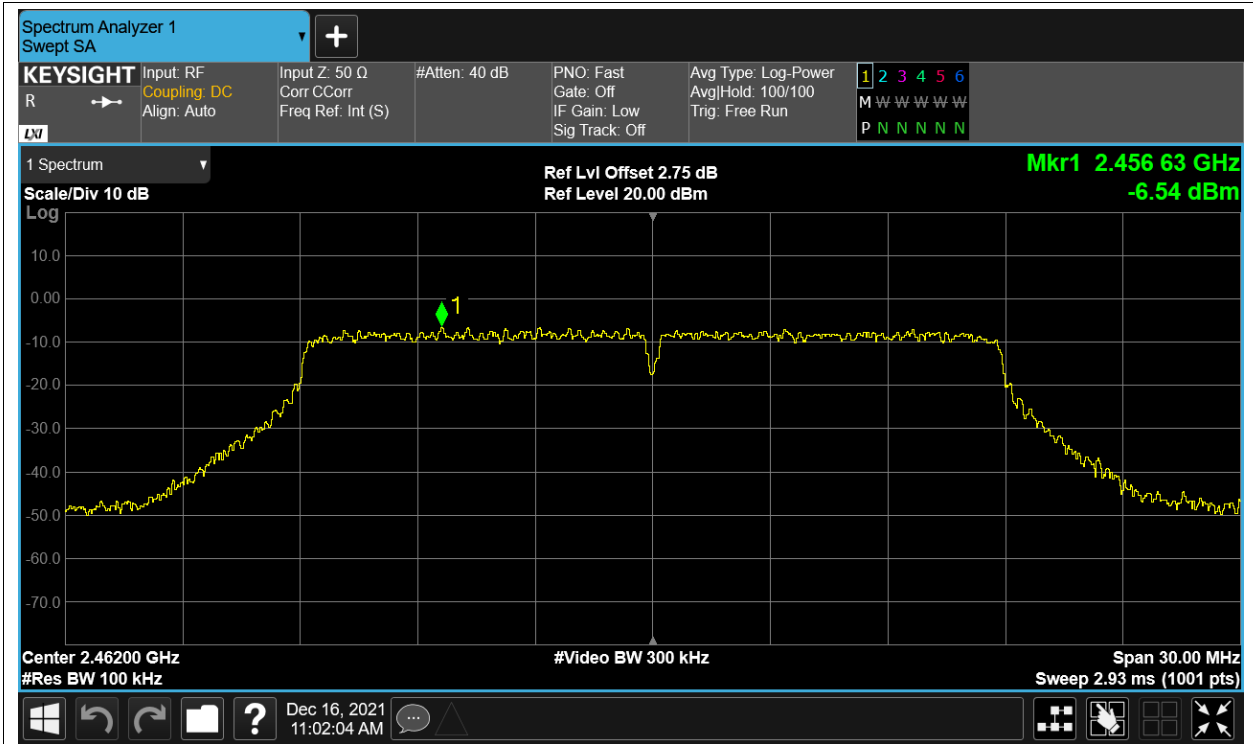
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission

