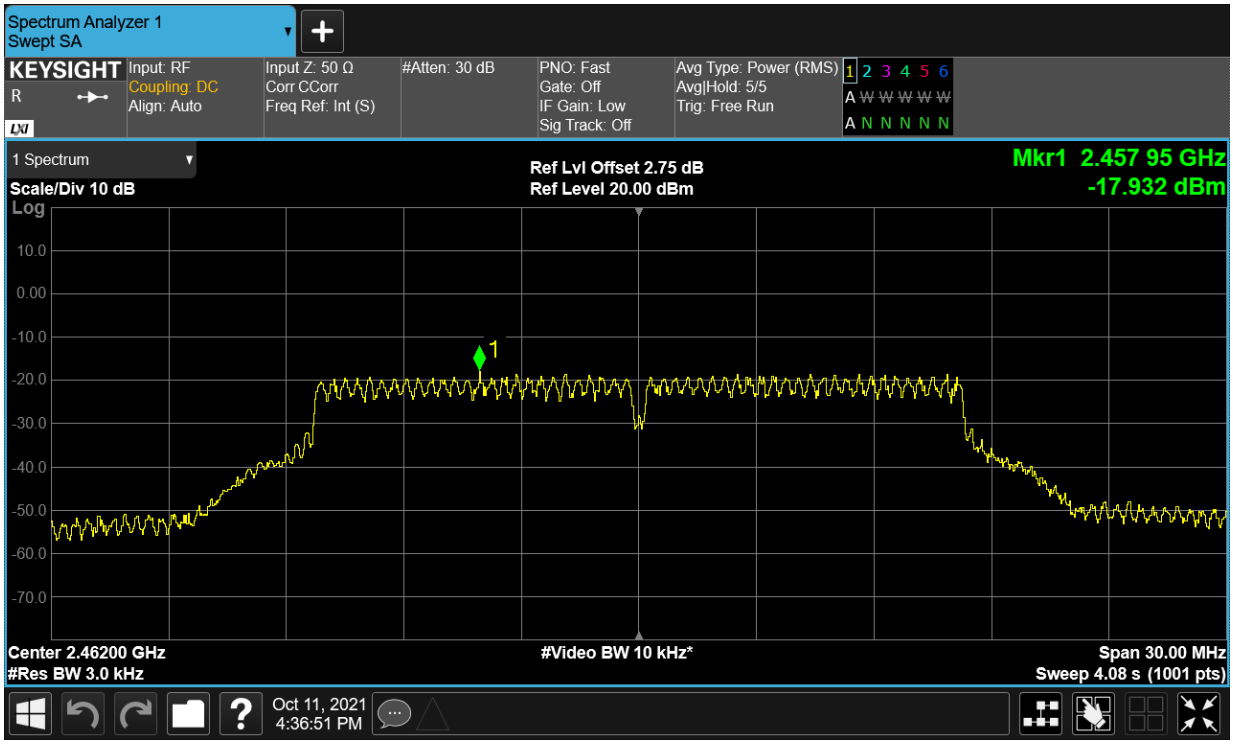
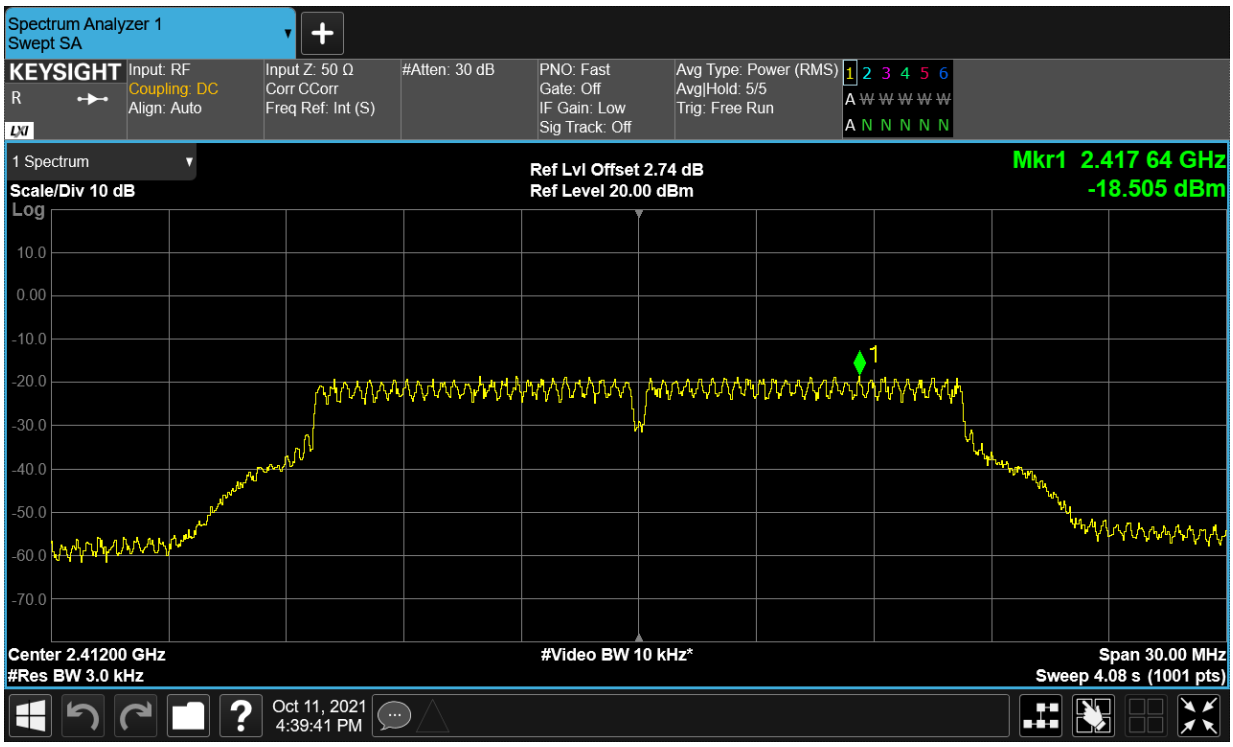
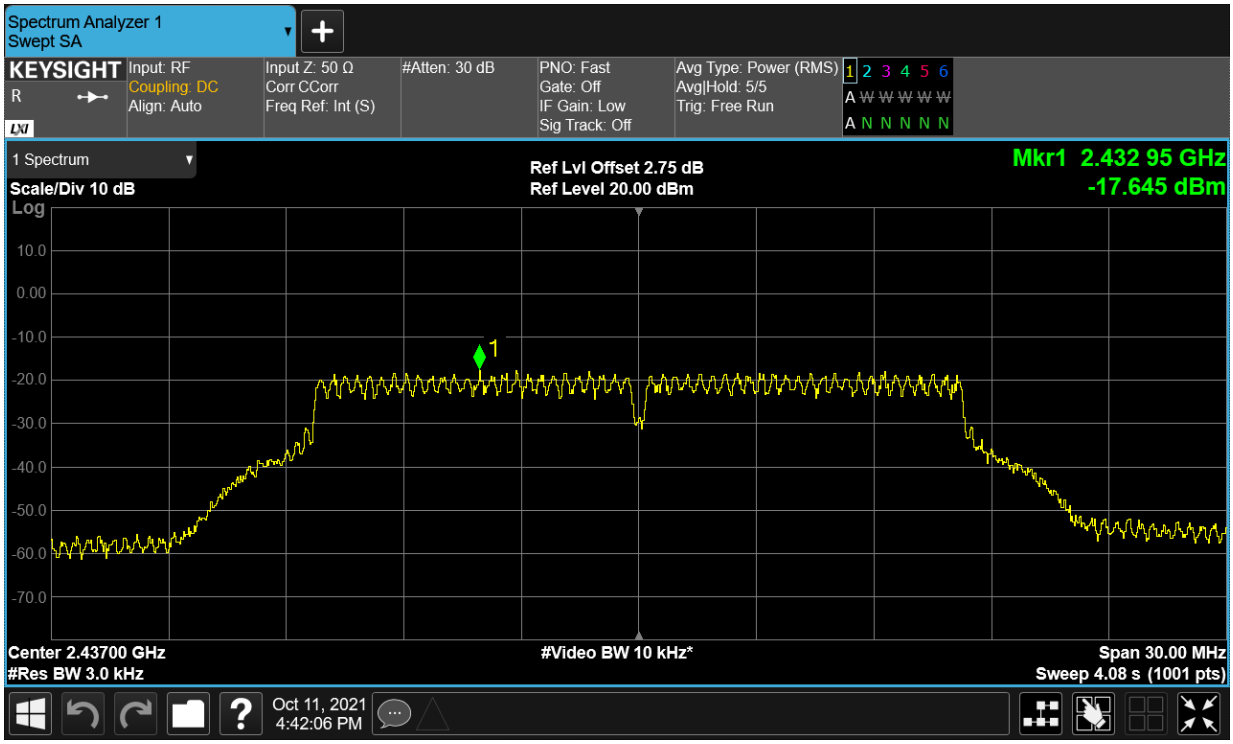


PSD NVNT g 2412MHz Ant2



PSD NVNT g 2437MHz Ant2



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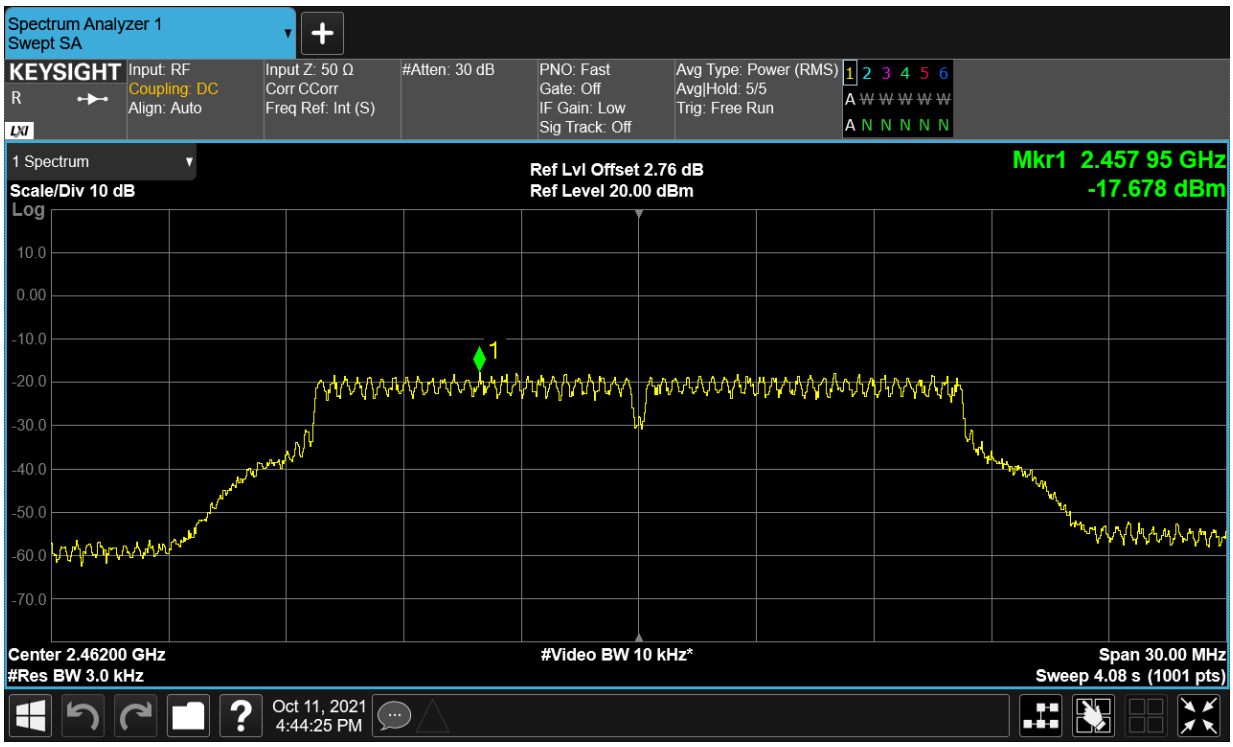
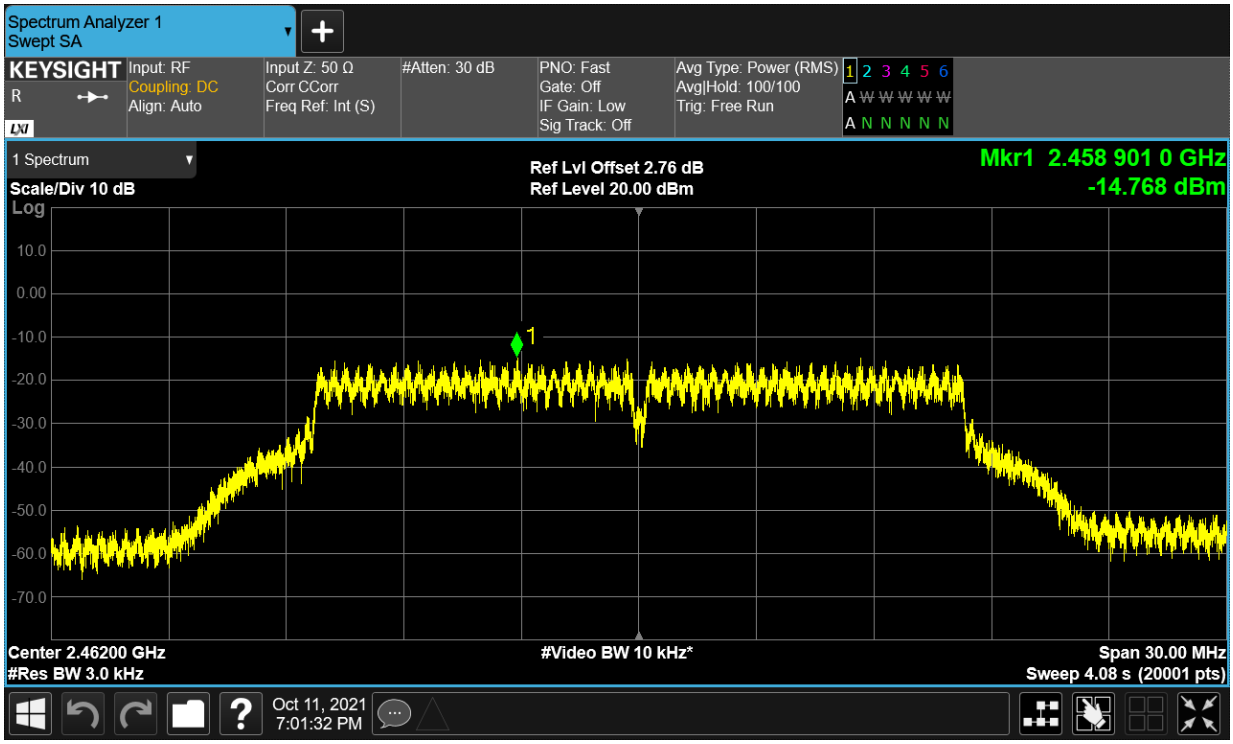
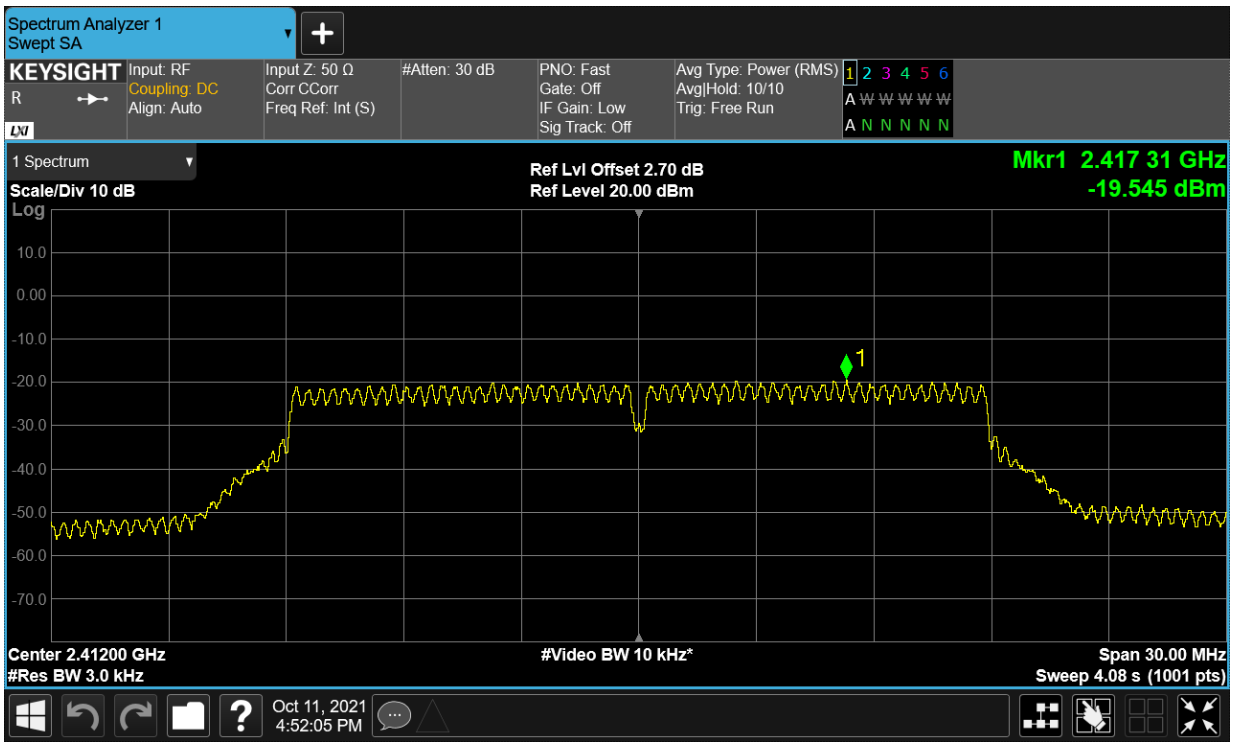


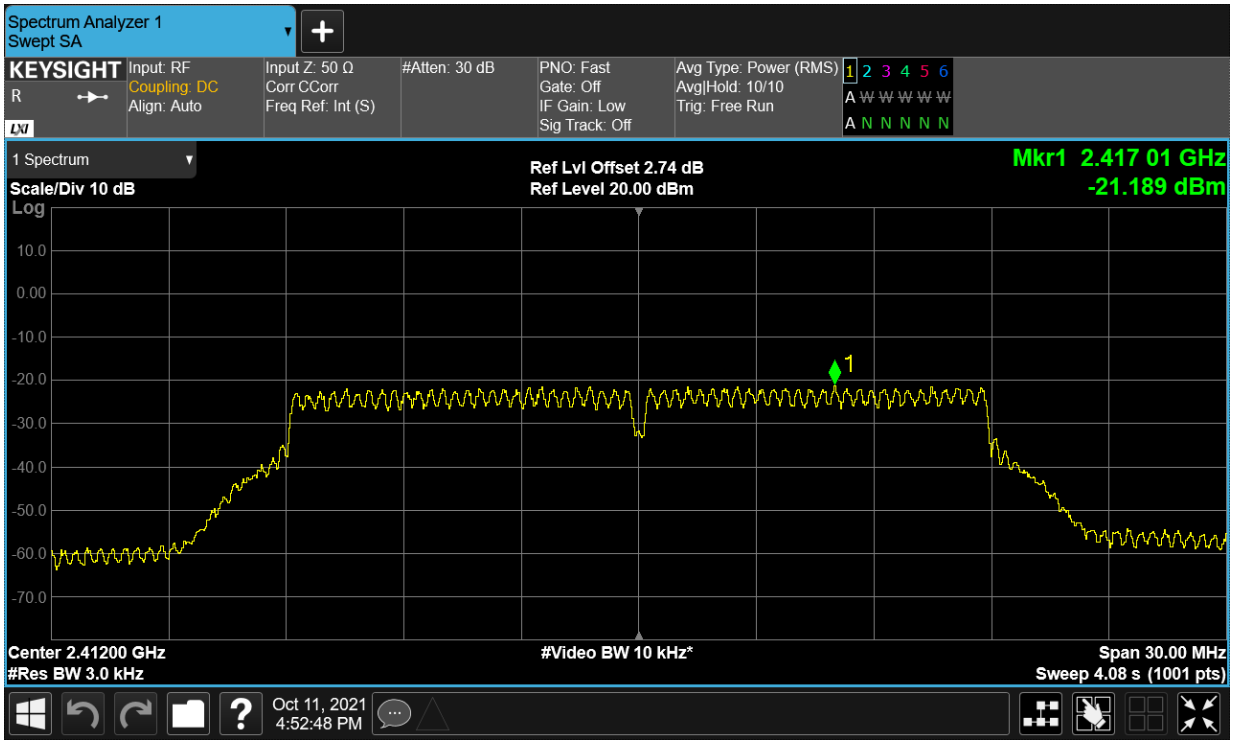
PSD NVNT g 2462MHz Ant2



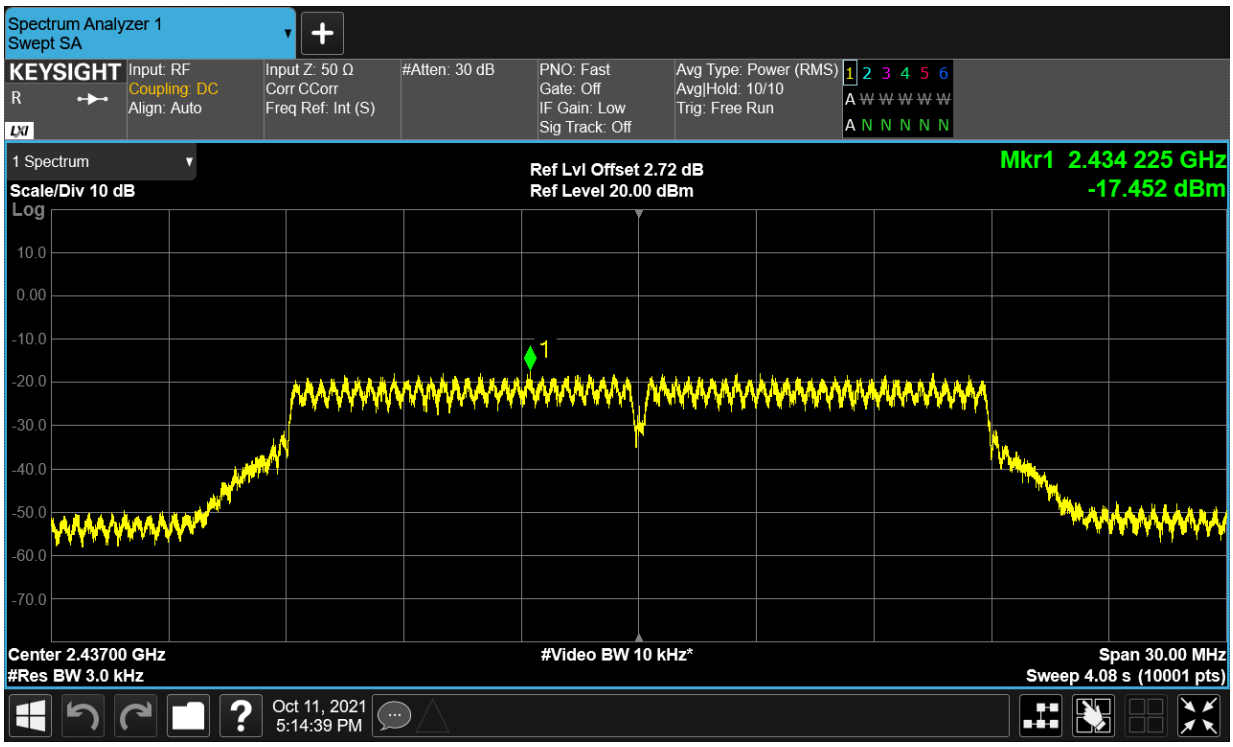
PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2412MHz Ant2



PSD NVNT n20 2437MHz Ant1



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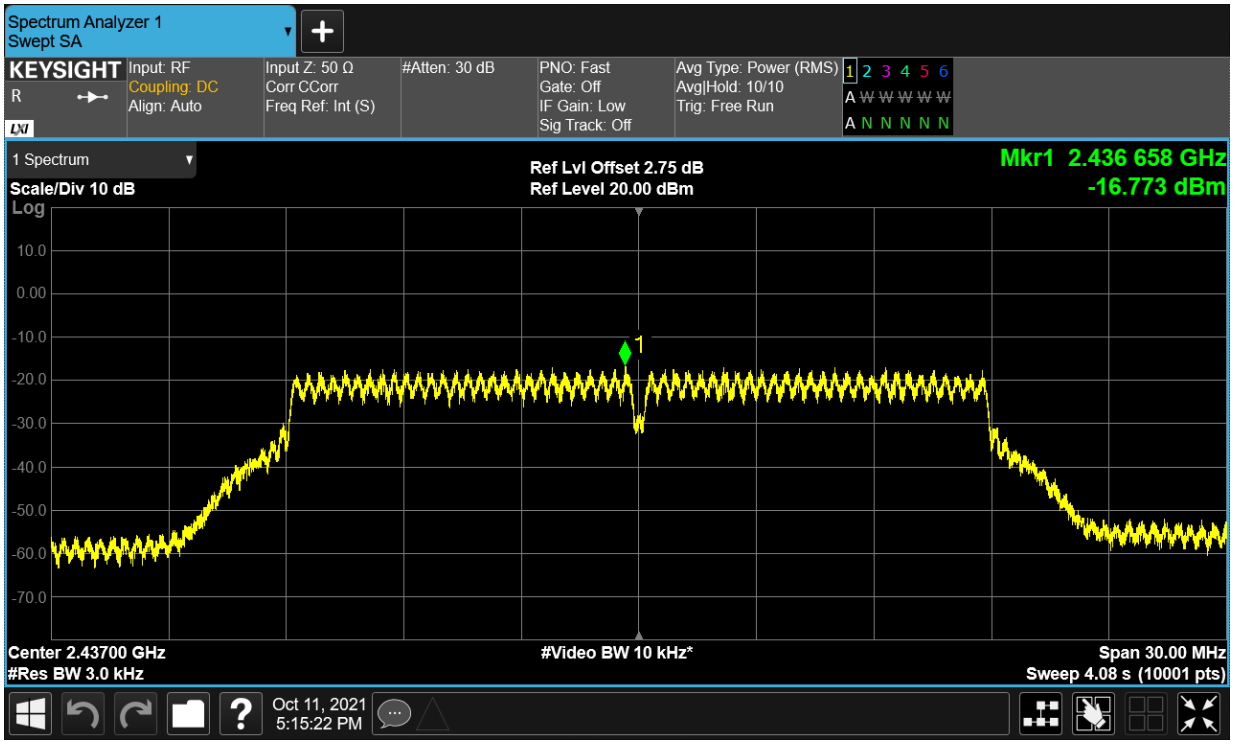
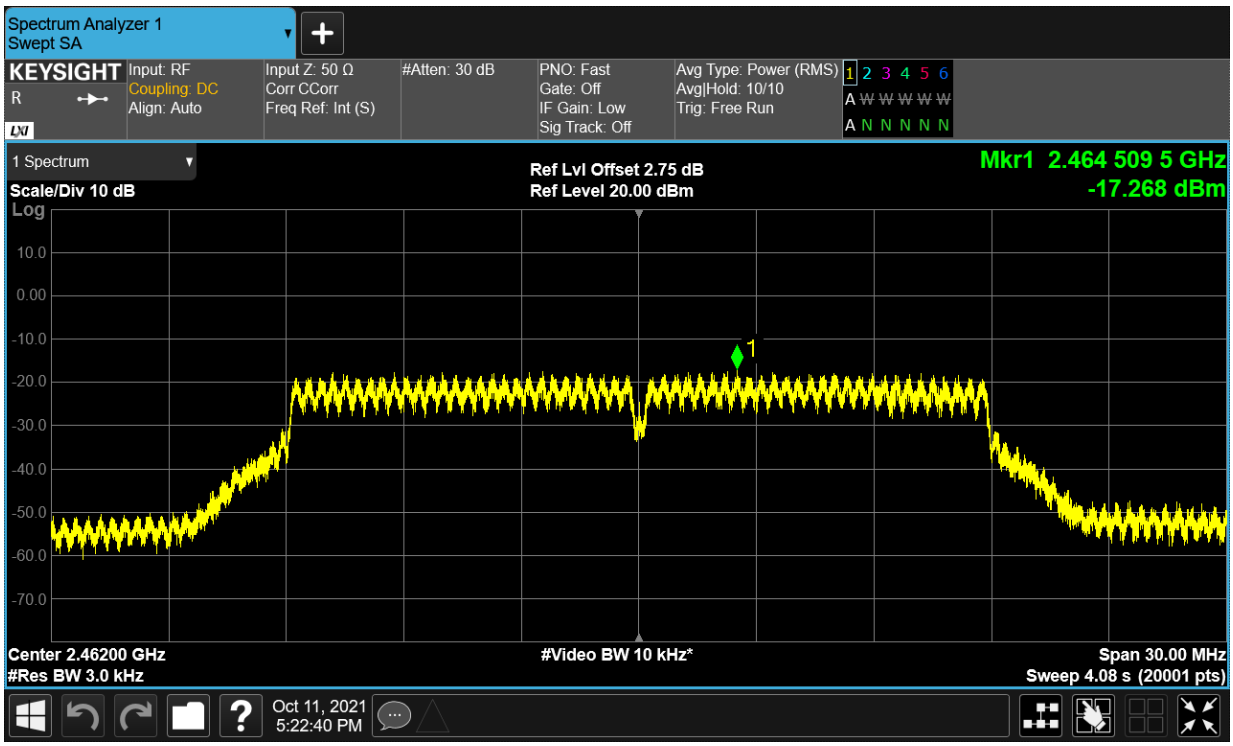
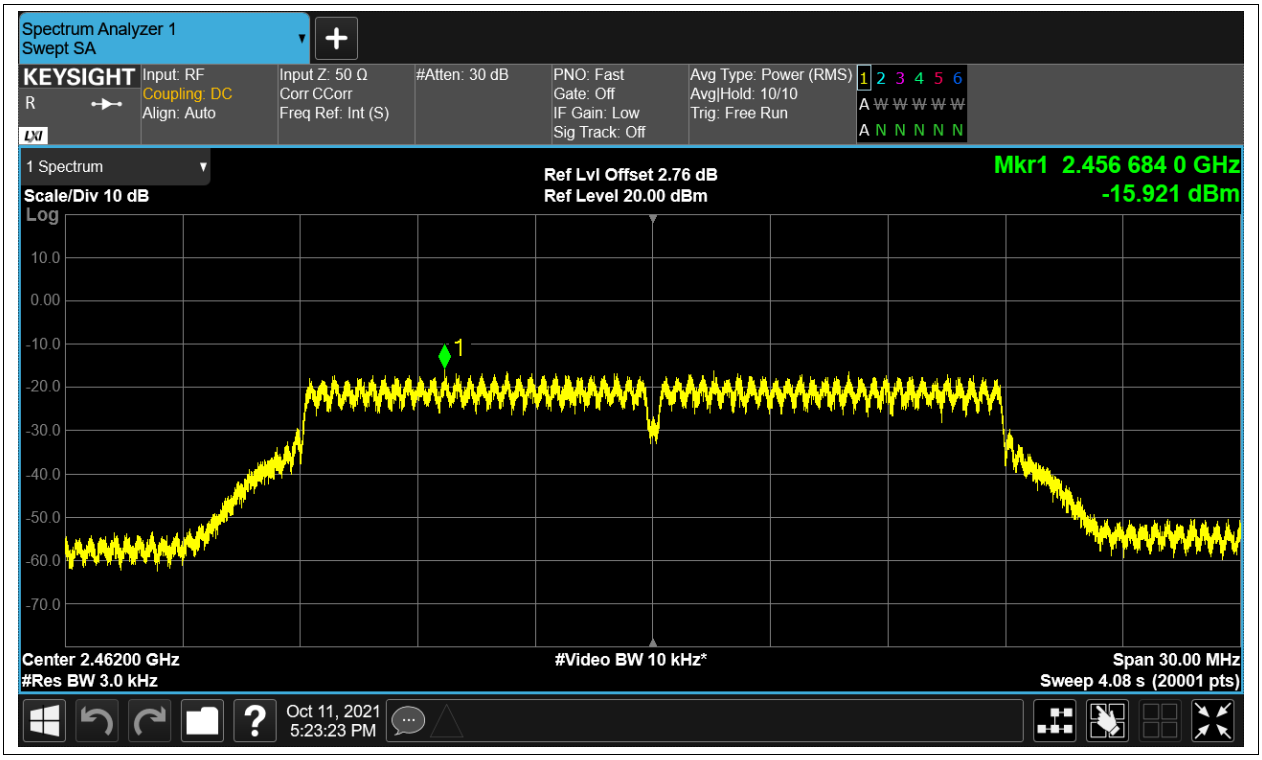


PSD NVNT n20 2462MHz Ant1



PSD NVNT n20 2462MHz Ant2

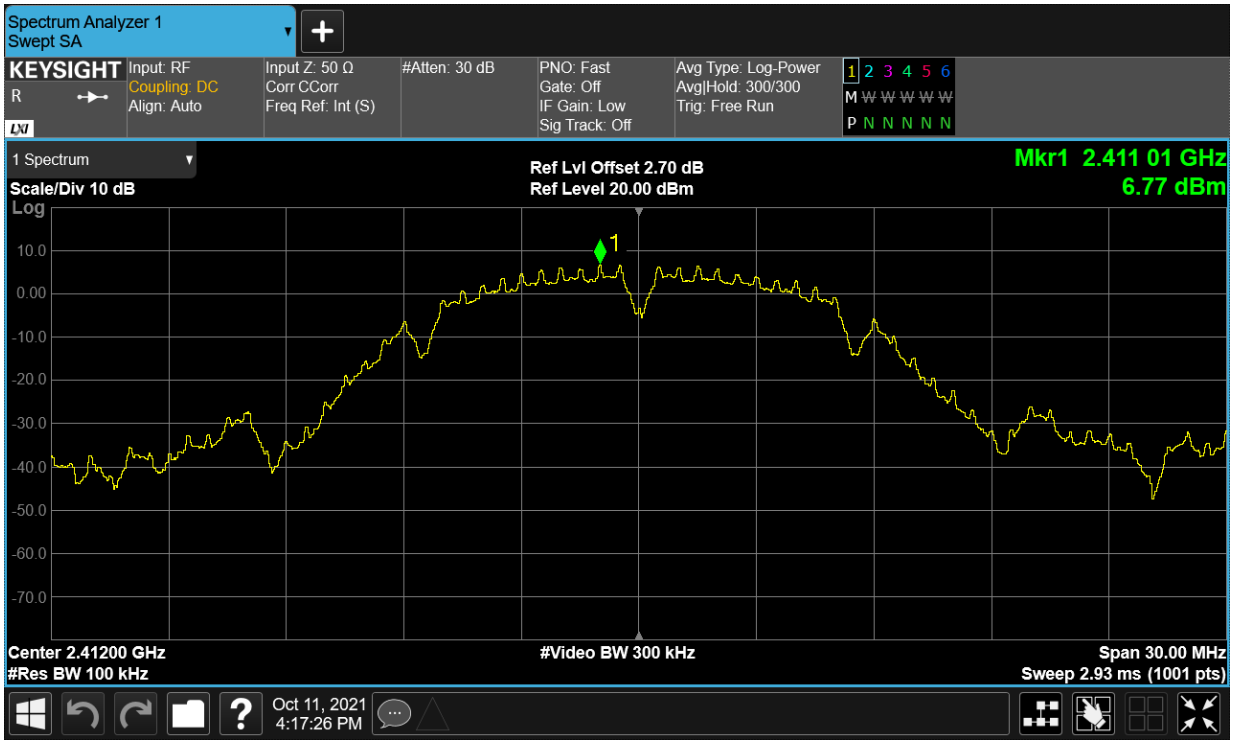

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
#Atten: 30 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 10/10
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 2.76 dB
Ref Level 20.00 dBm
Mkr1 2.456 684 0 GHz
-15.921 dBm
Log
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.46200 GHz
#Res BW 3.0 kHz
#Video BW 10 kHz*
Span 30.00 MHz
Sweep 4.08 s (20001 pts)
Oct 11, 2021
5:23:23 PM

Band Edge

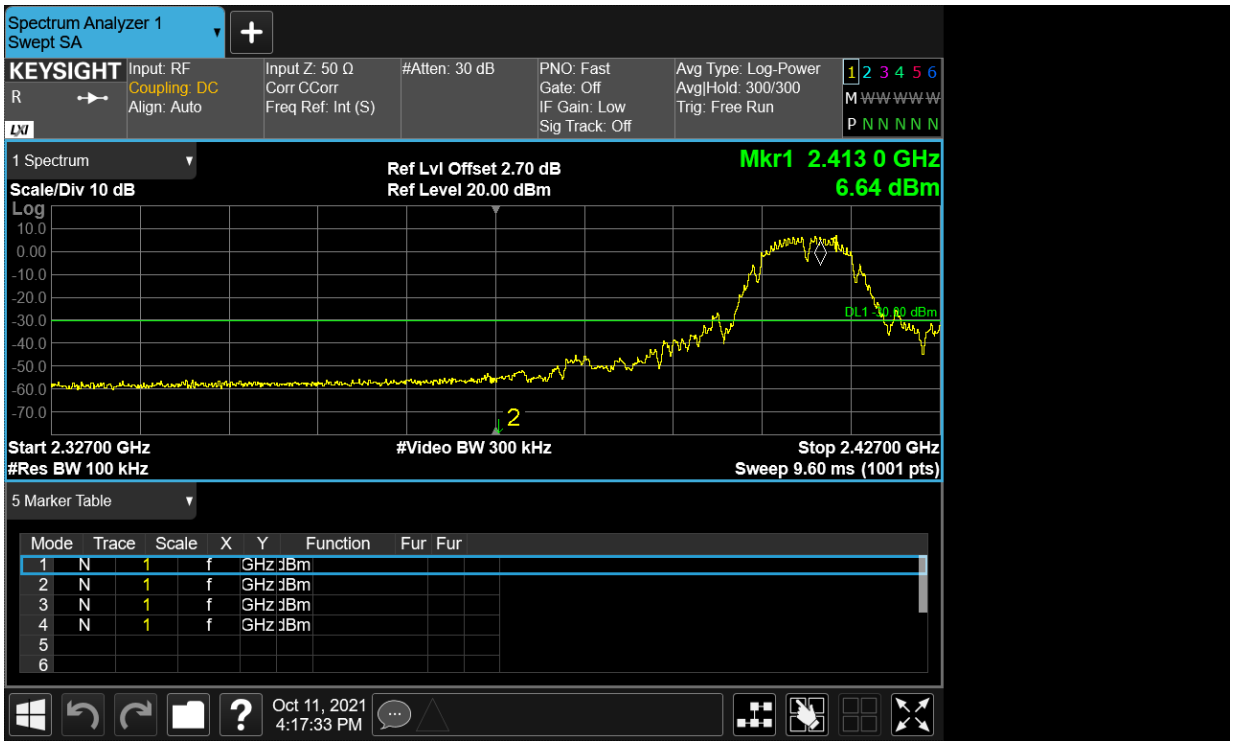
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-52.12	-30	Pass
NVNT	b	2462	Ant1	-49.99	-30	Pass
NVNT	b	2412	Ant2	-53.45	-30	Pass
NVNT	b	2462	Ant2	-50.57	-30	Pass
NVNT	g	2412	Ant1	-41.78	-30	Pass
NVNT	g	2462	Ant1	-39.97	-30	Pass
NVNT	g	2412	Ant2	-45.75	-30	Pass
NVNT	g	2462	Ant2	-40.55	-30	Pass
NVNT	n20	2412	Ant1	-38.79	-30	Pass
NVNT	n20	2412	Ant2	-43.36	-30	Pass
NVNT	n20	2462	Ant1	-34.96	-30	Pass
NVNT	n20	2462	Ant2	-38.27	-30	Pass

Test Graphs

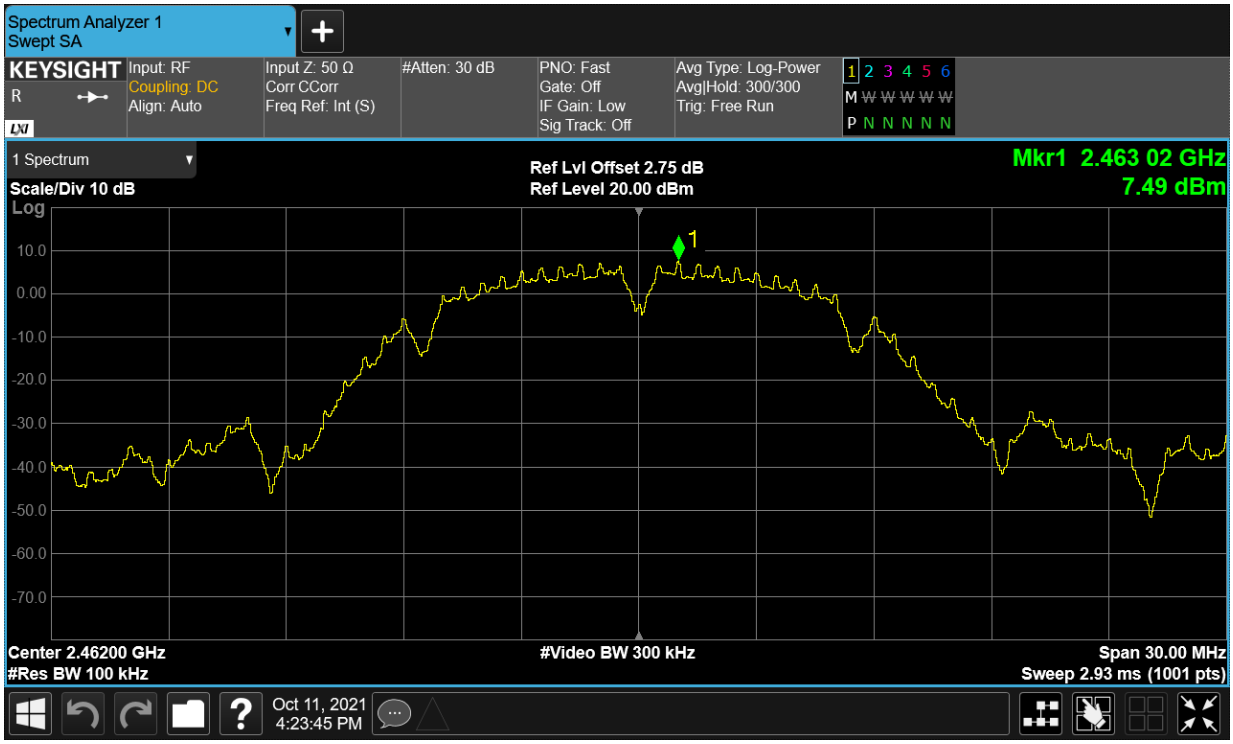
Band Edge NVNT b 2412MHz Ant1 Ref



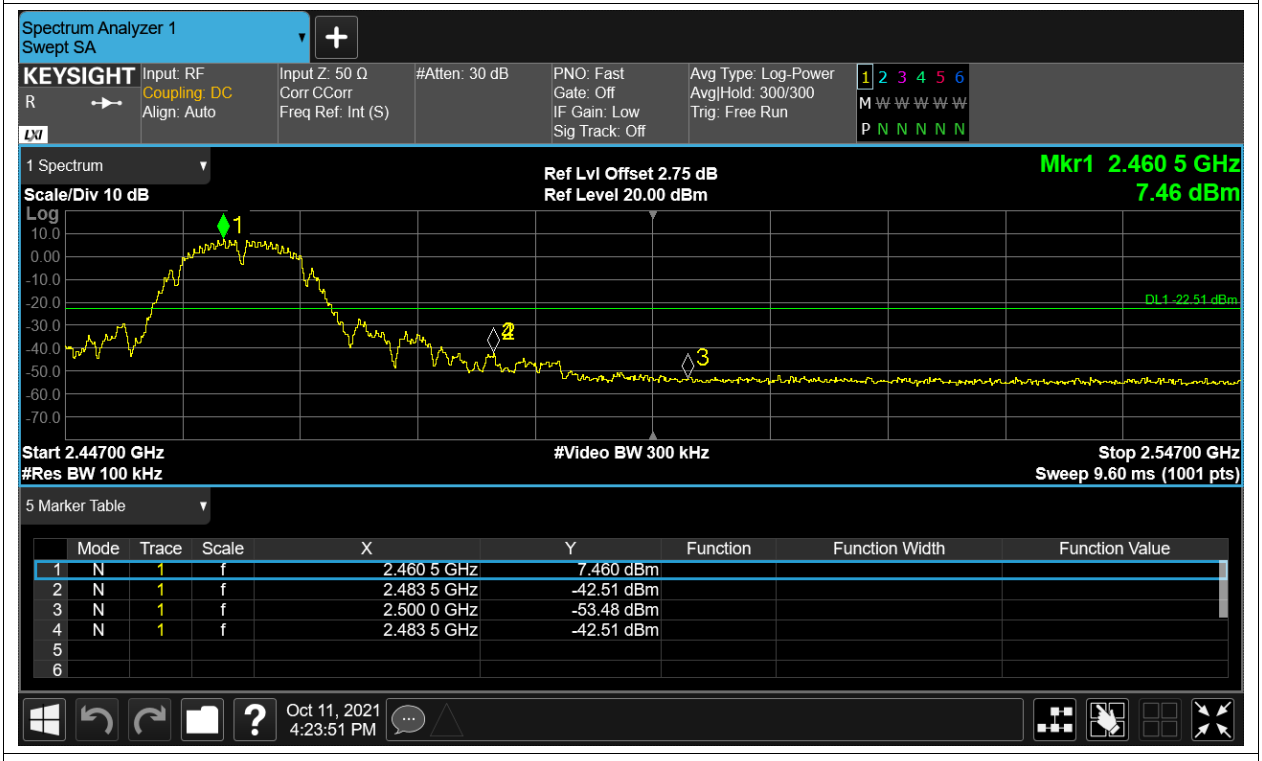
Band Edge NVNT b 2412MHz Ant1 Emission



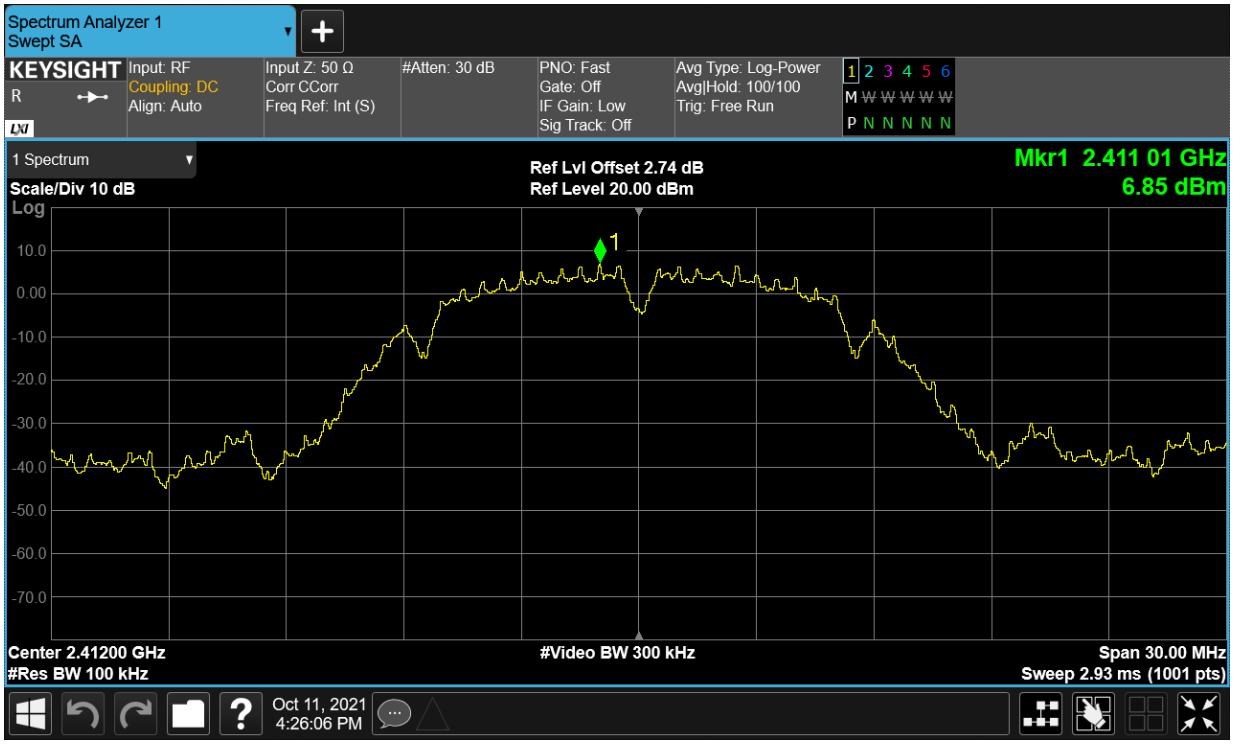
Band Edge NVNT b 2462MHz Ant1 Ref



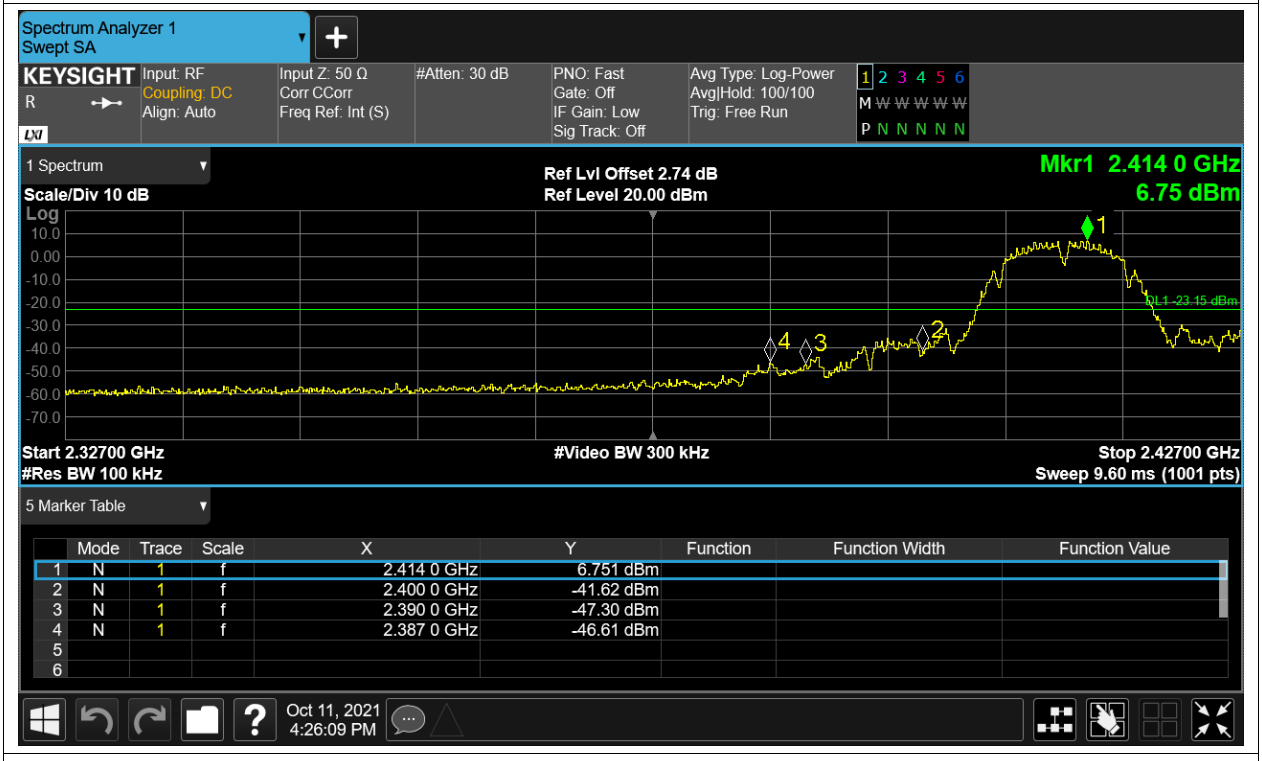
Band Edge NVNT b 2462MHz Ant1 Emission



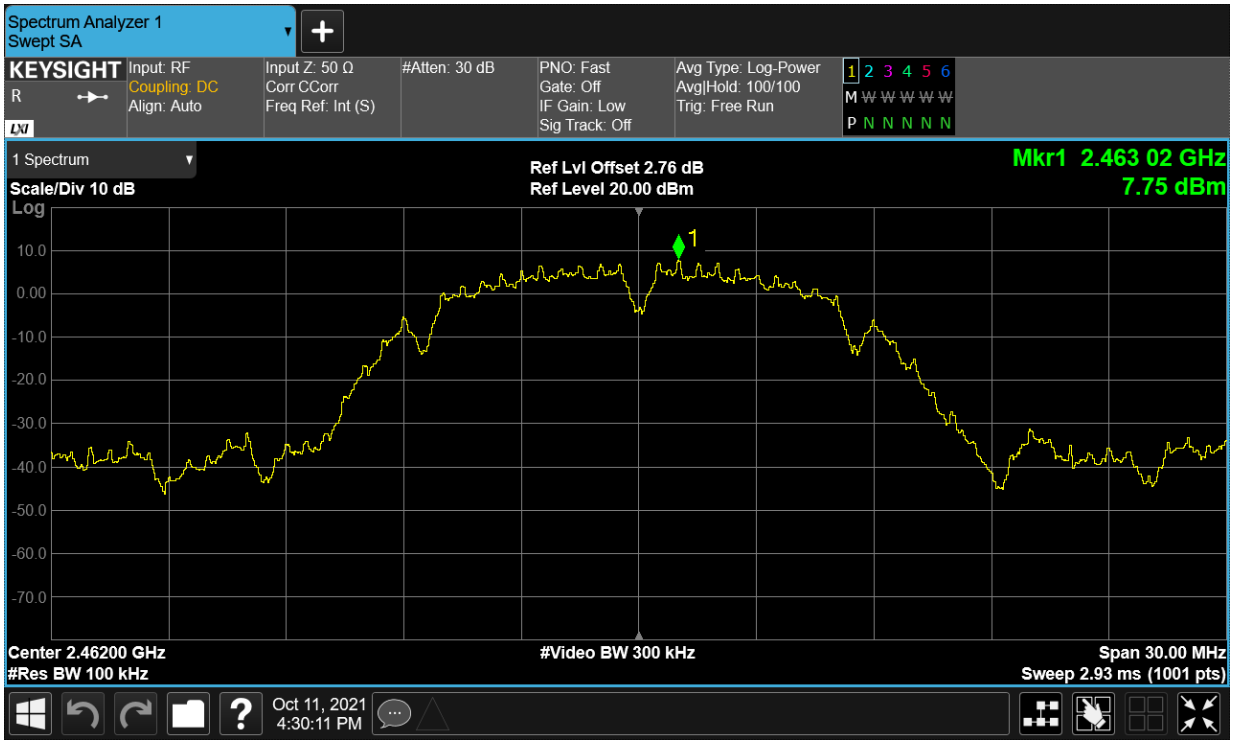
Band Edge NVNT b 2412MHz Ant2 Ref



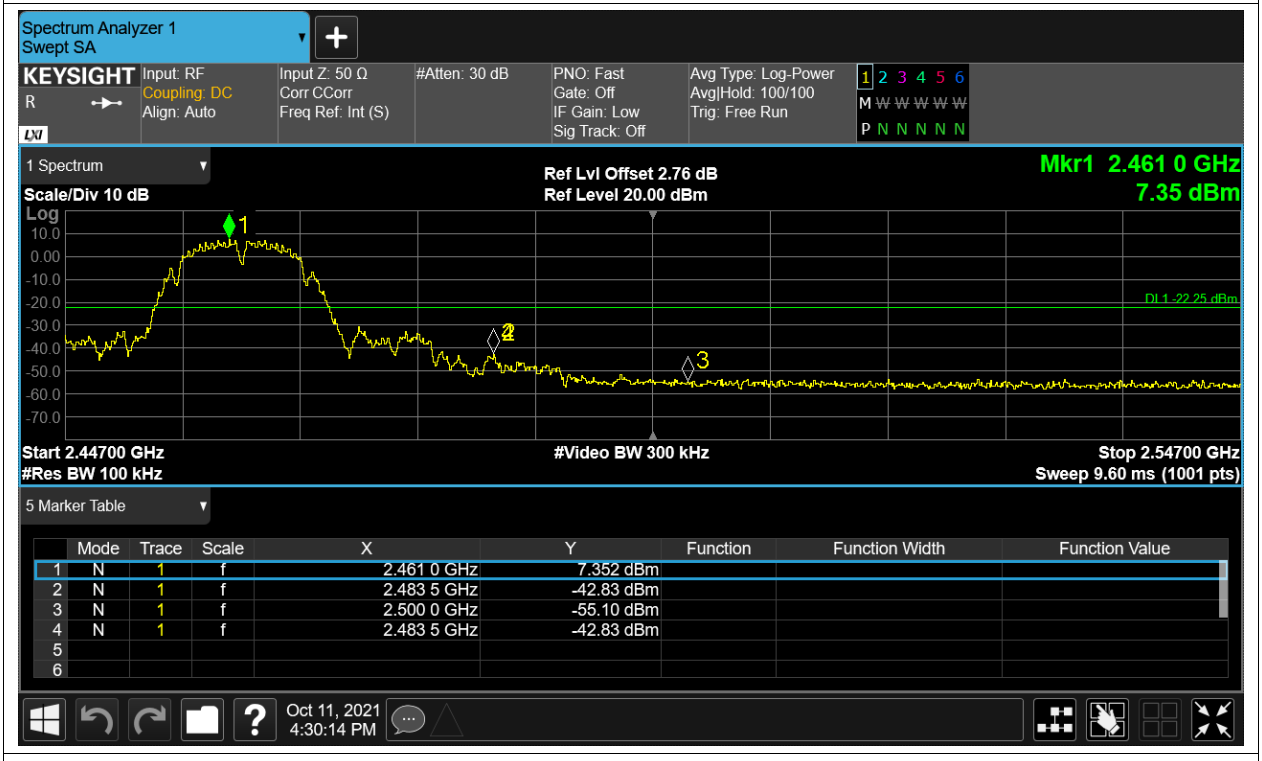
Band Edge NVNT b 2412MHz Ant2 Emission



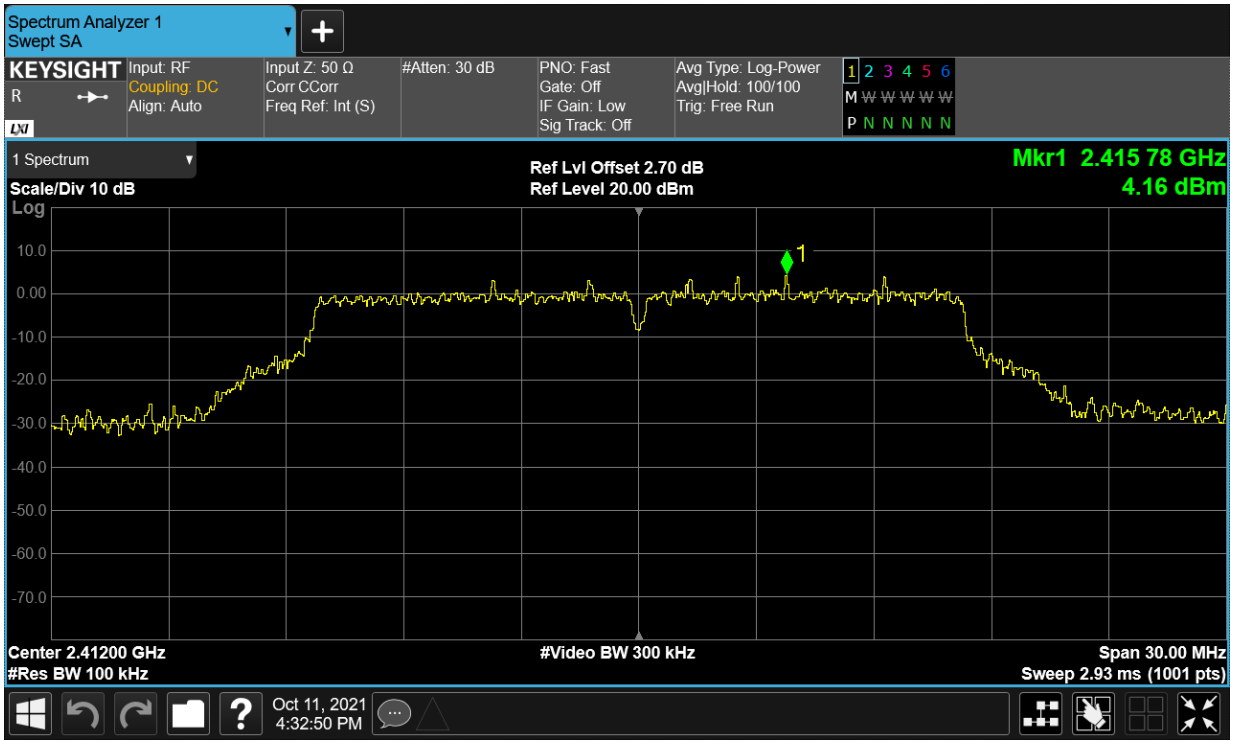
Band Edge NVNT b 2462MHz Ant2 Ref



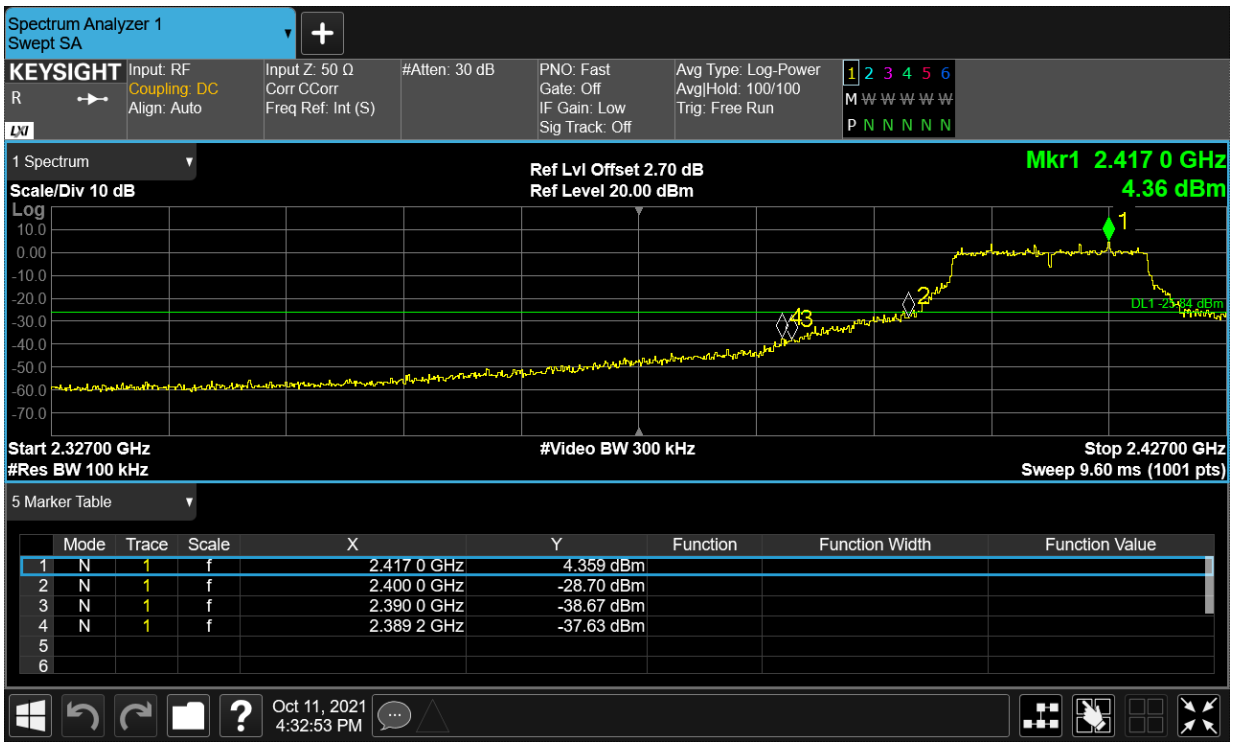
Band Edge NVNT b 2462MHz Ant2 Emission



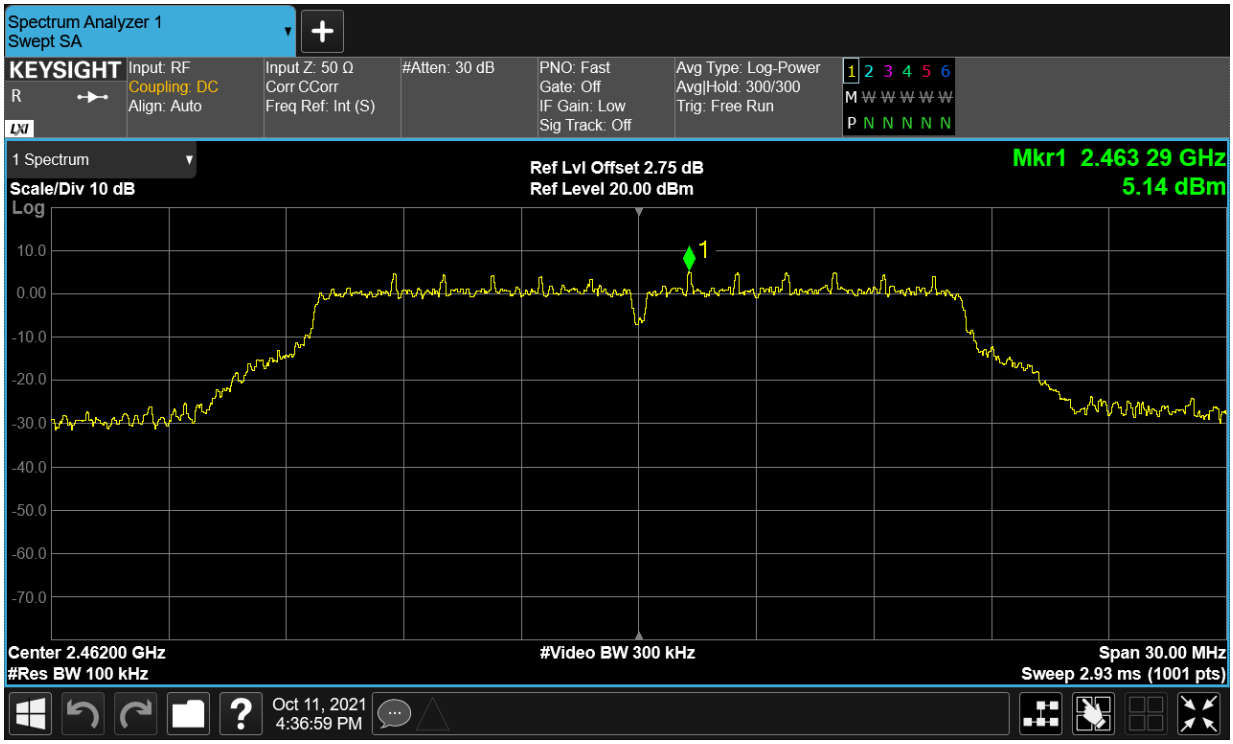
Band Edge NVNT g 2412MHz Ant1 Ref



Band Edge NVNT g 2412MHz Ant1 Emission

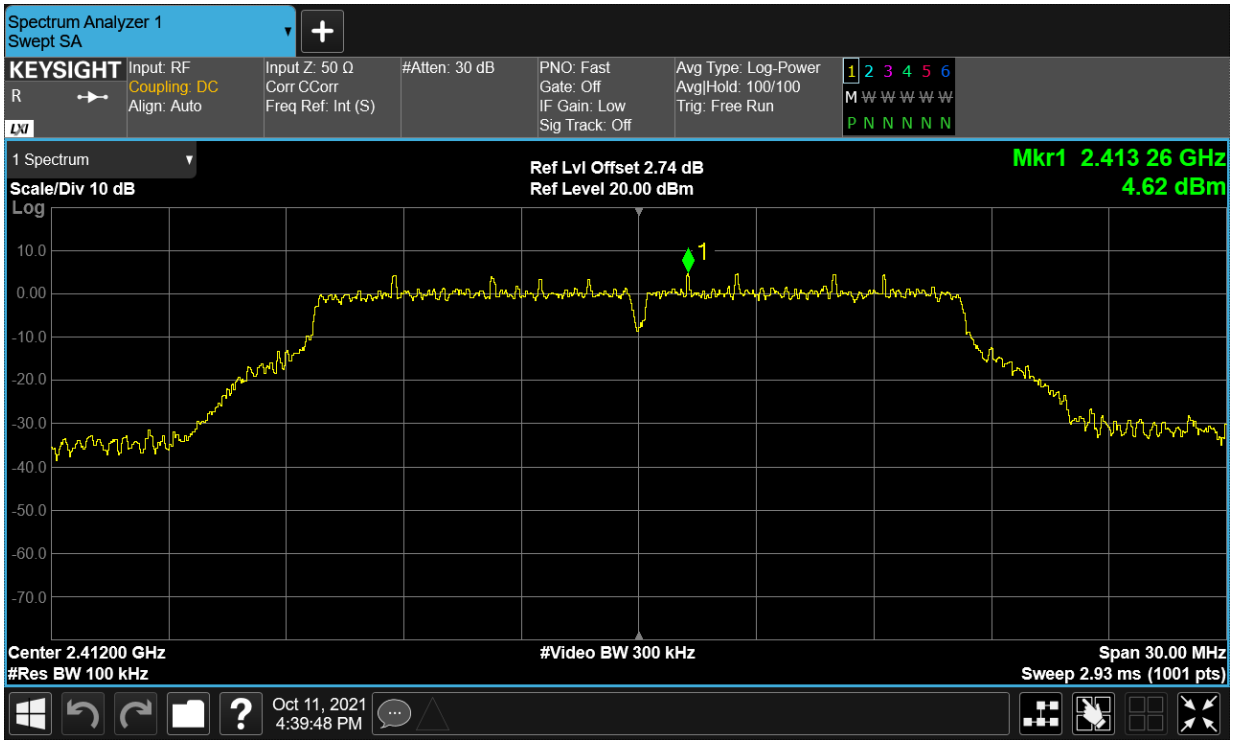


Band Edge NVNT g 2462MHz Ant1 Ref

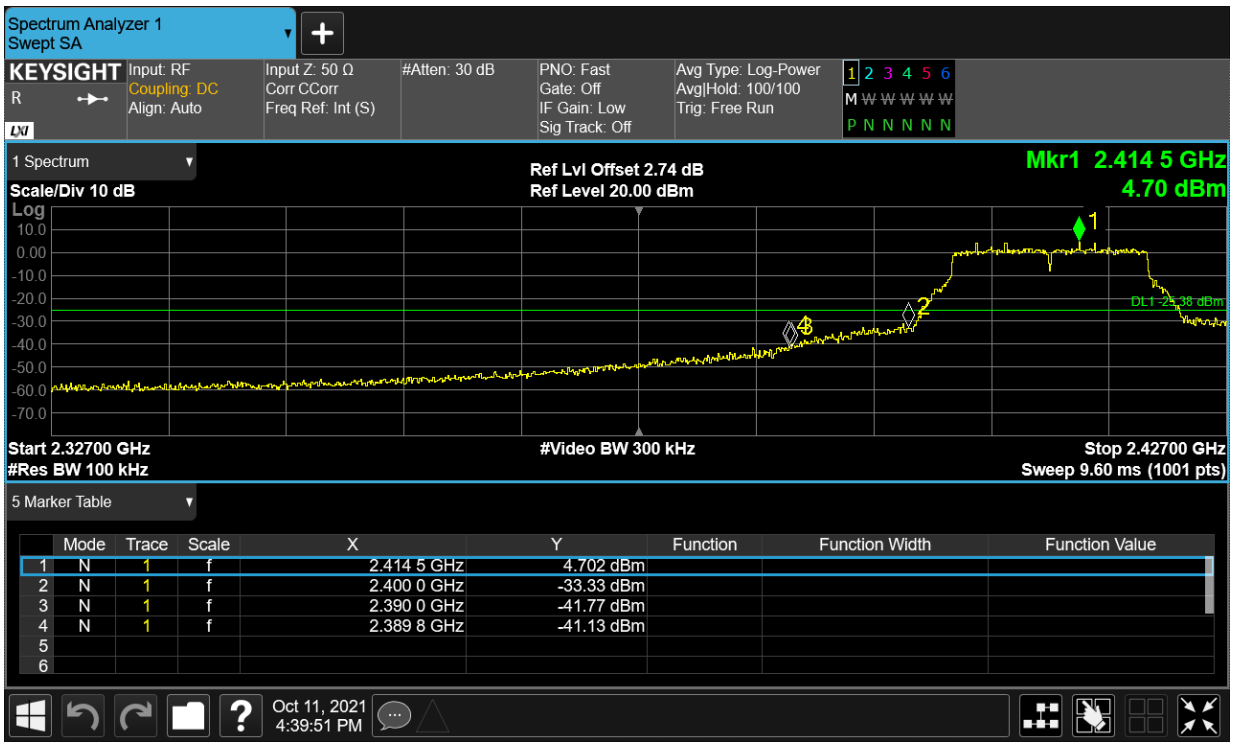


Band Edge NVNT g 2462MHz Ant1 Emission

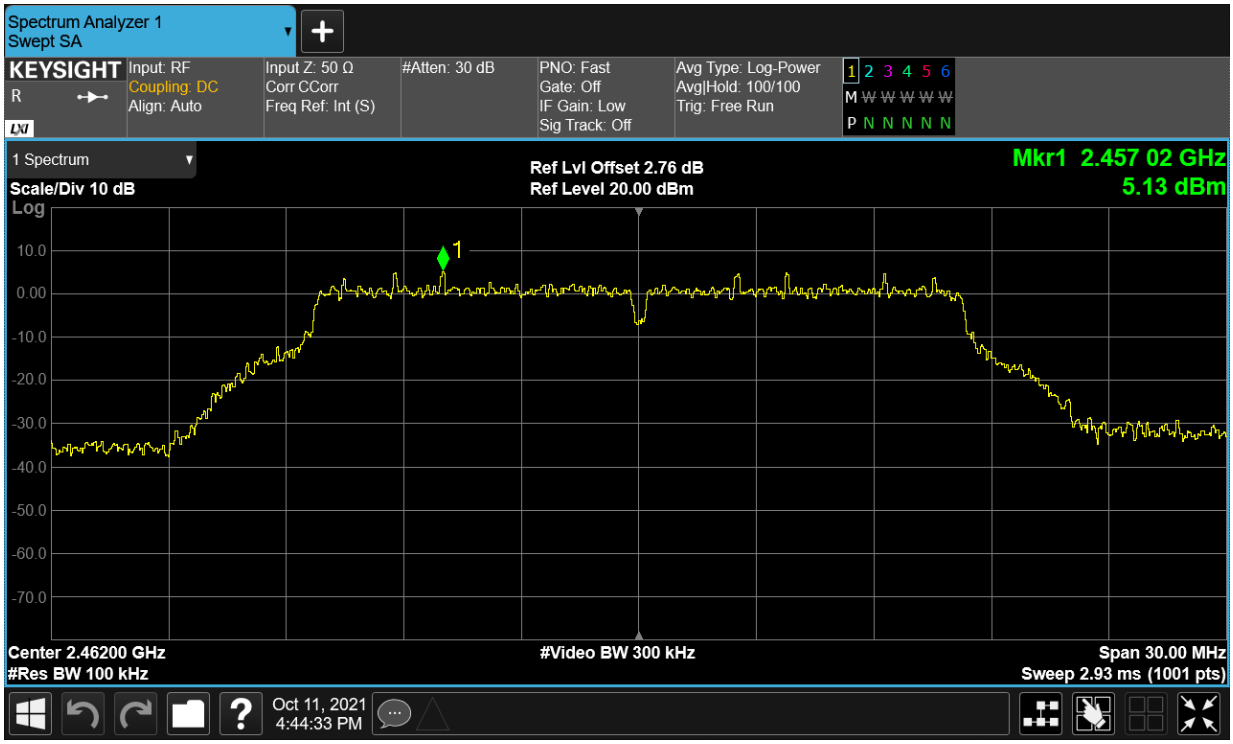
Band Edge NVNT g 2412MHz Ant2 Ref



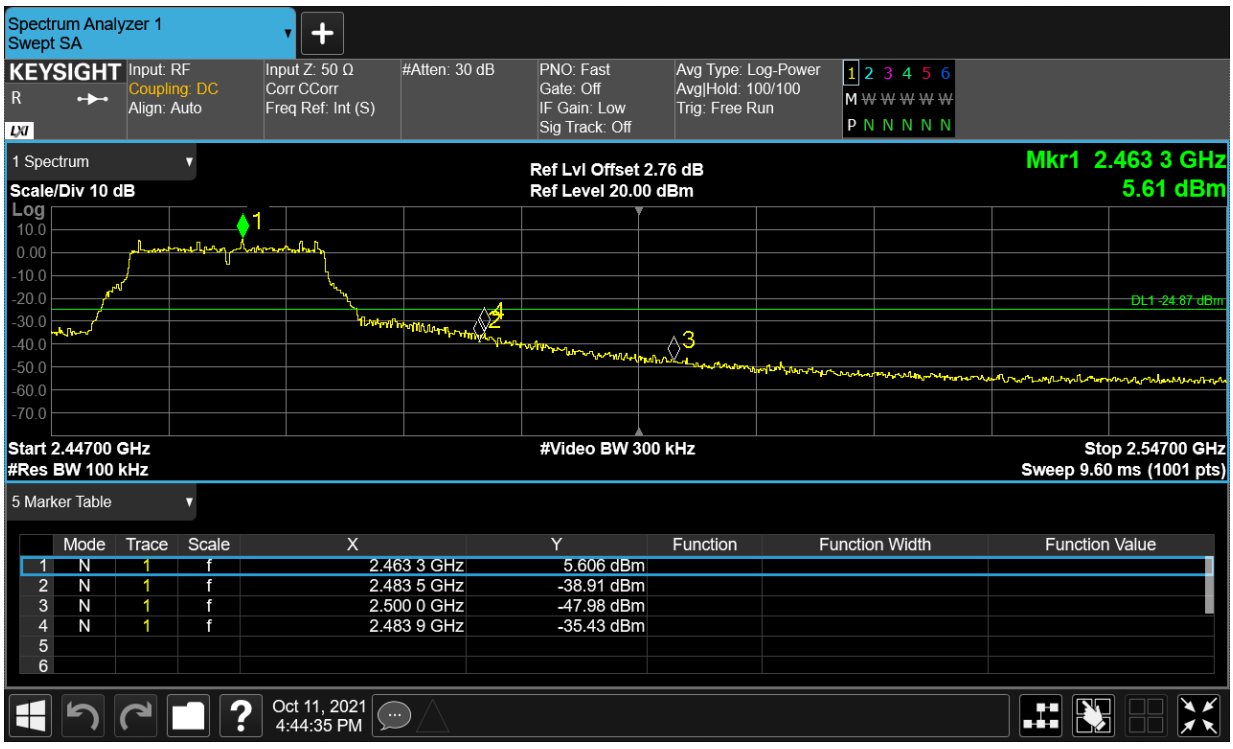
Band Edge NVNT g 2412MHz Ant2 Emission



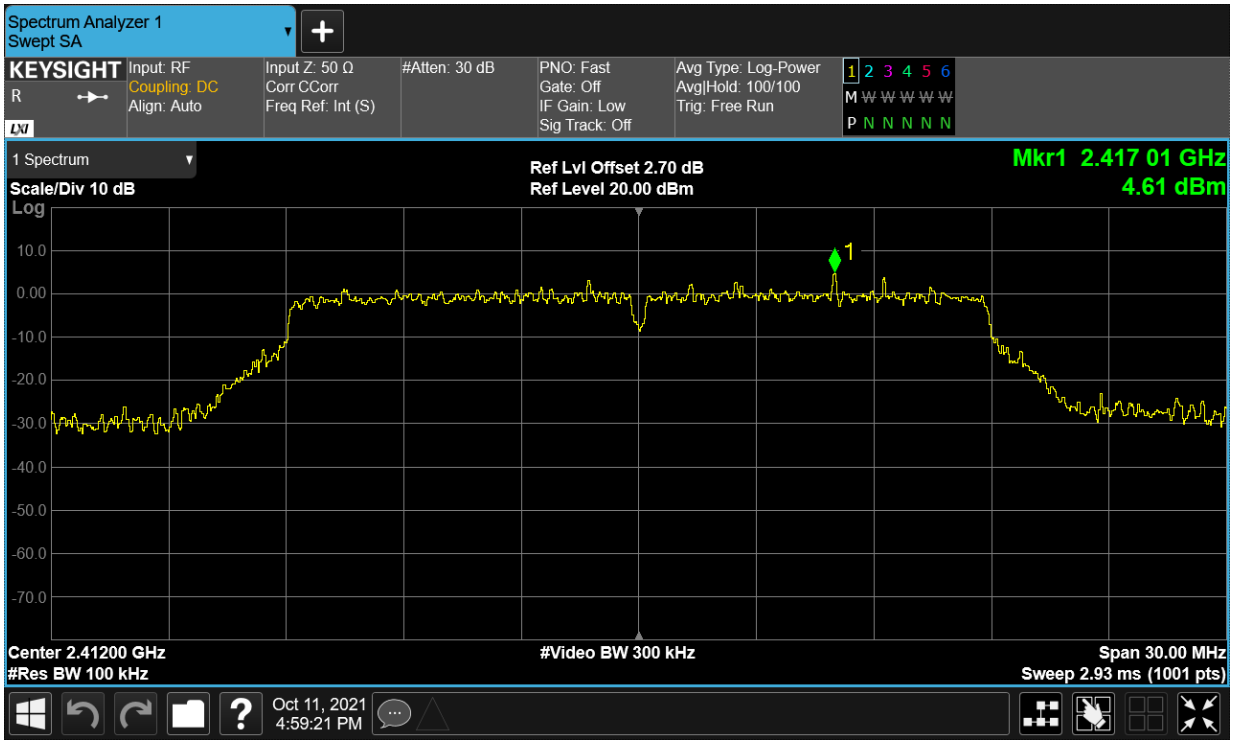
Band Edge NVNT g 2462MHz Ant2 Ref



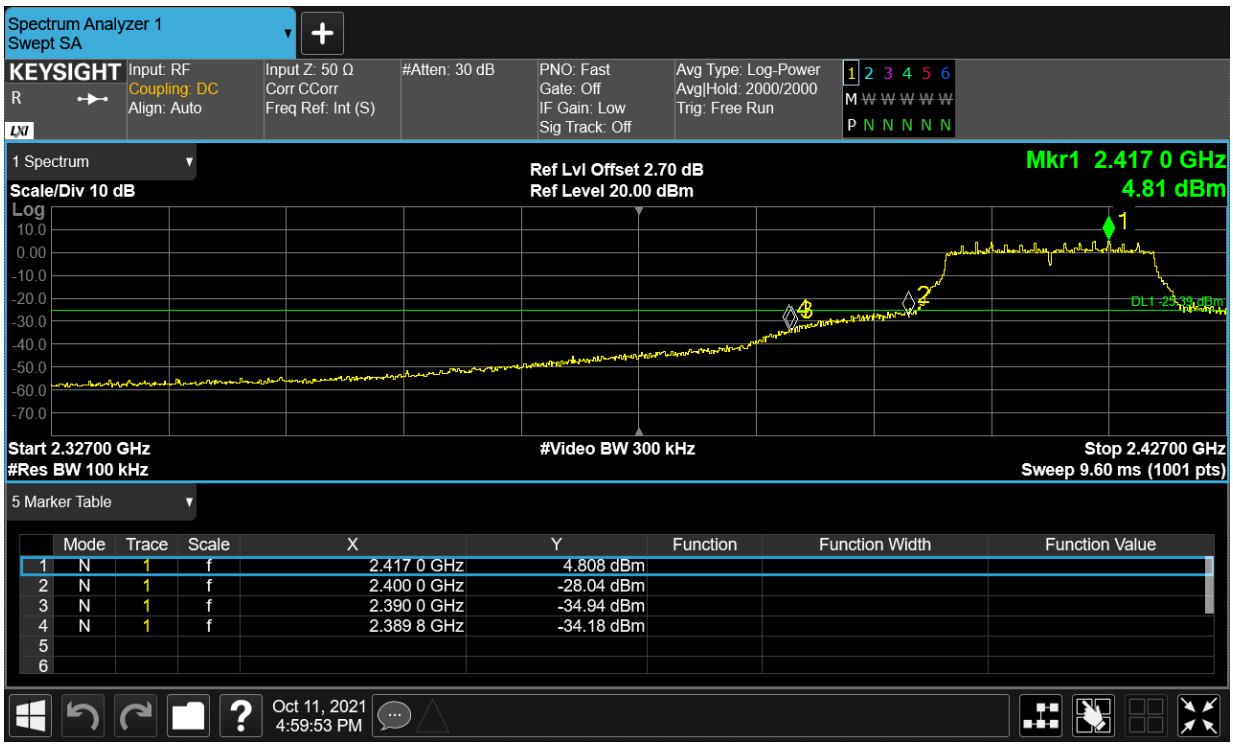
Band Edge NVNT g 2462MHz Ant2 Emission



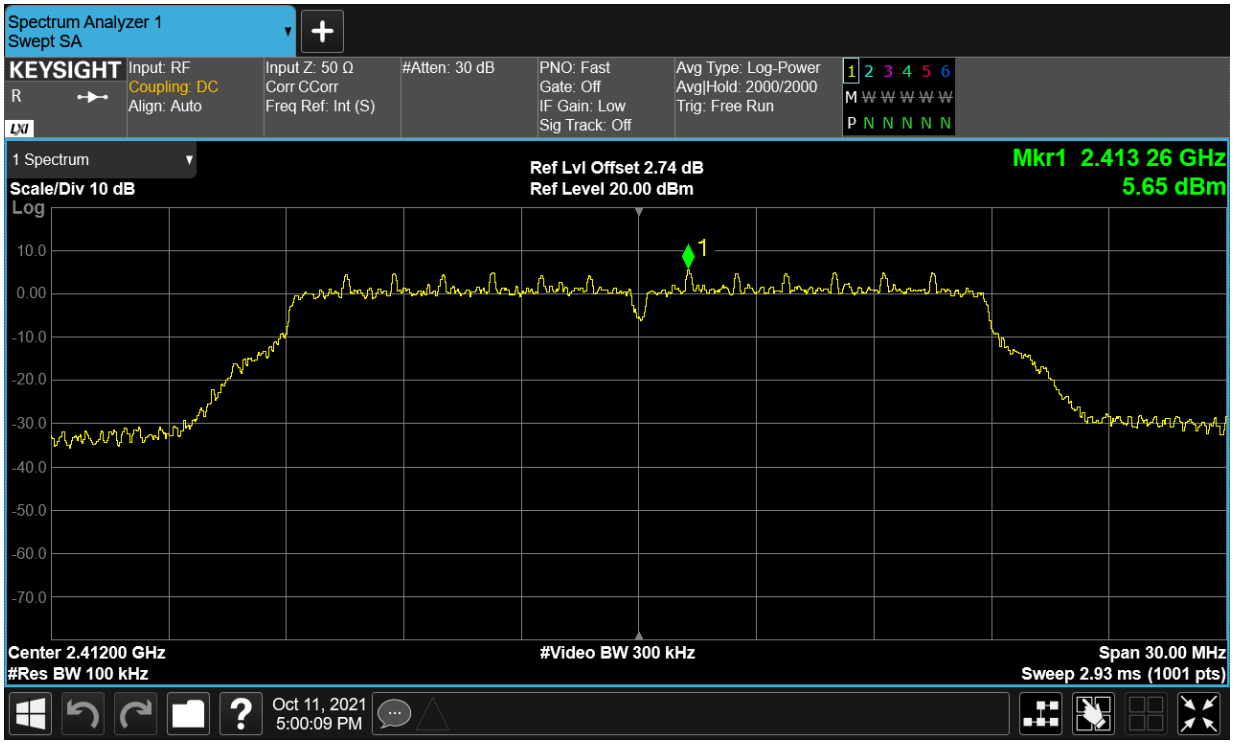
Band Edge NVNT n20 2412MHz Ant1 Ref



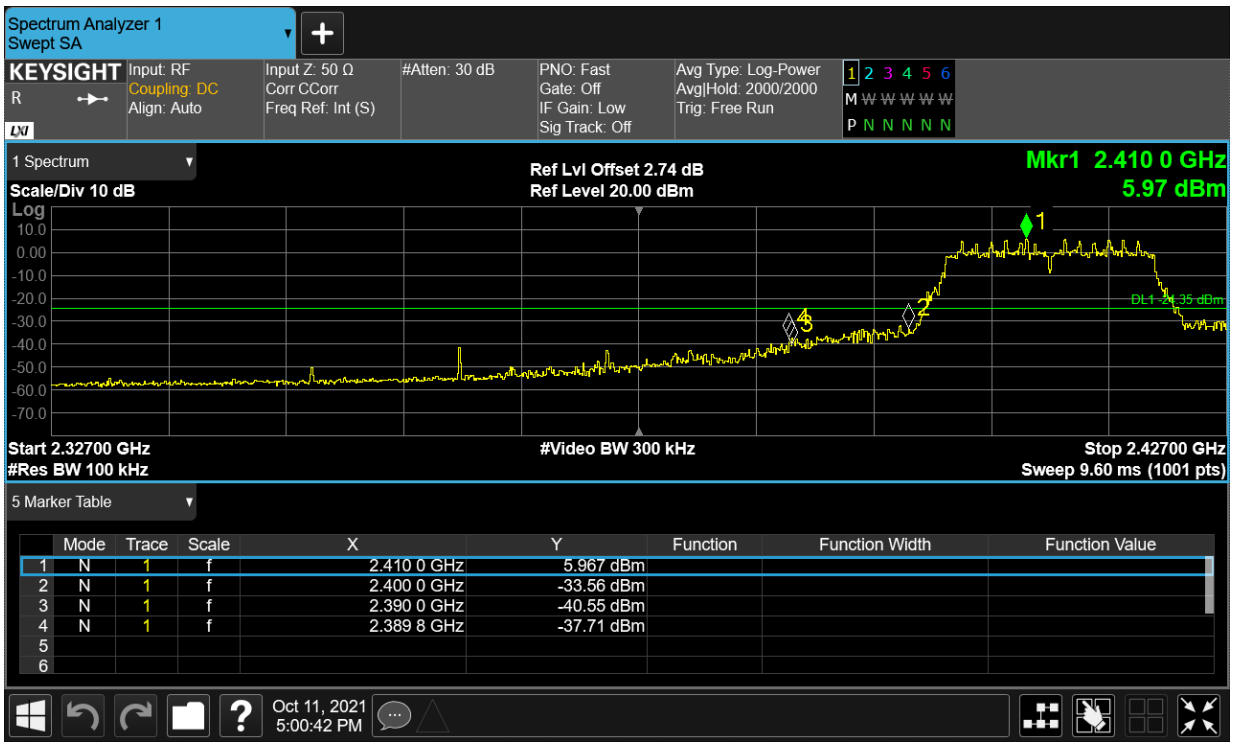
Band Edge NVNT n20 2412MHz Ant1 Emission



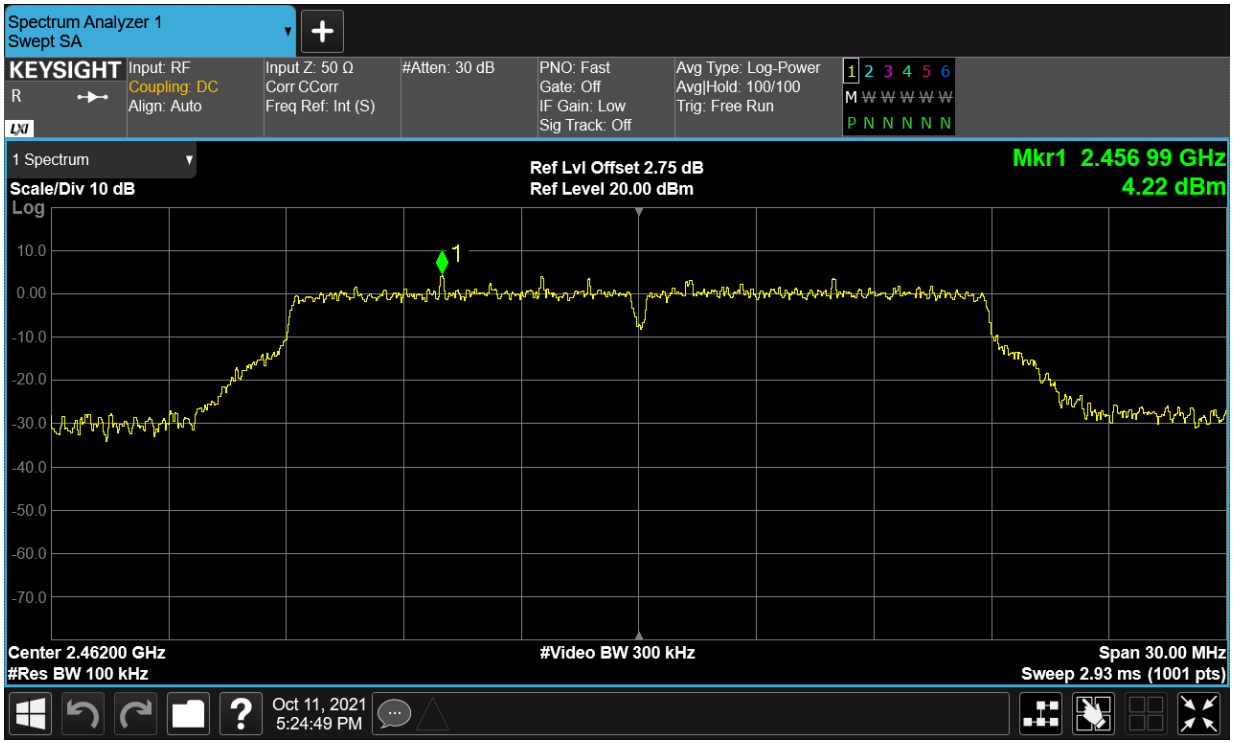
Band Edge NVNT n20 2412MHz Ant2 Ref



Band Edge NVNT n20 2412MHz Ant2 Emission

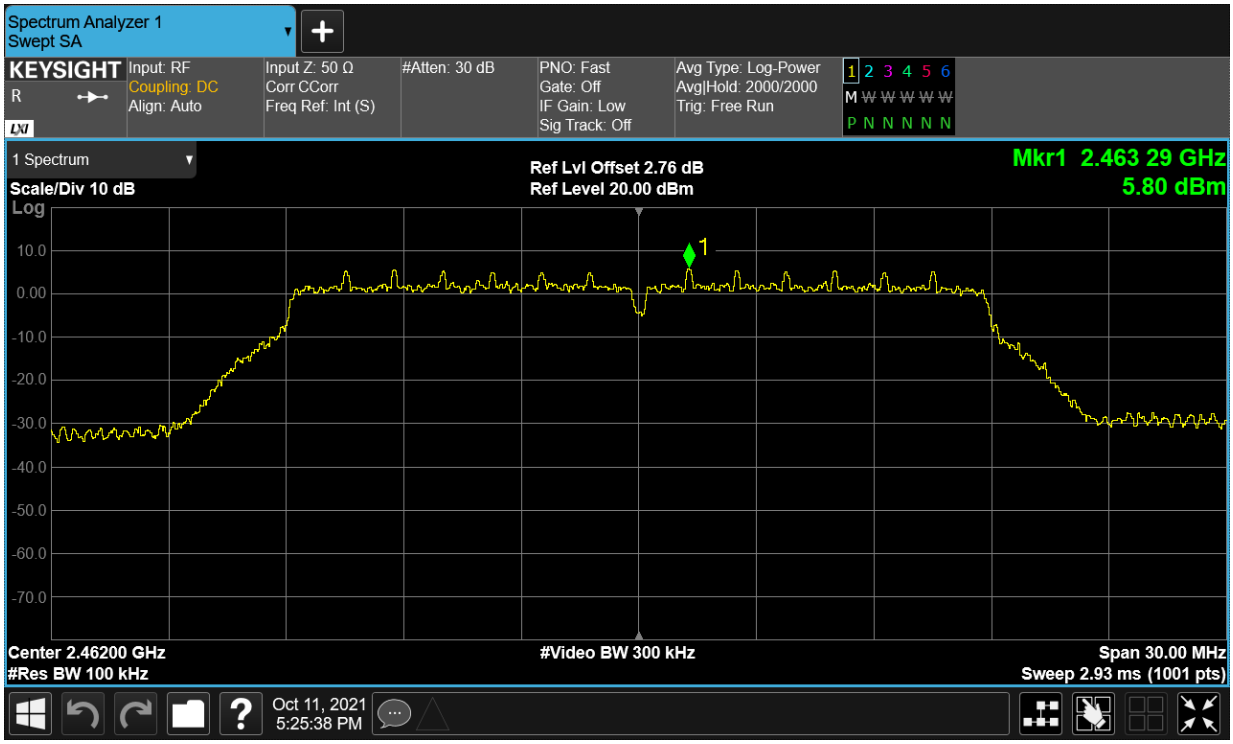


Band Edge NVNT n20 2462MHz Ant1 Ref

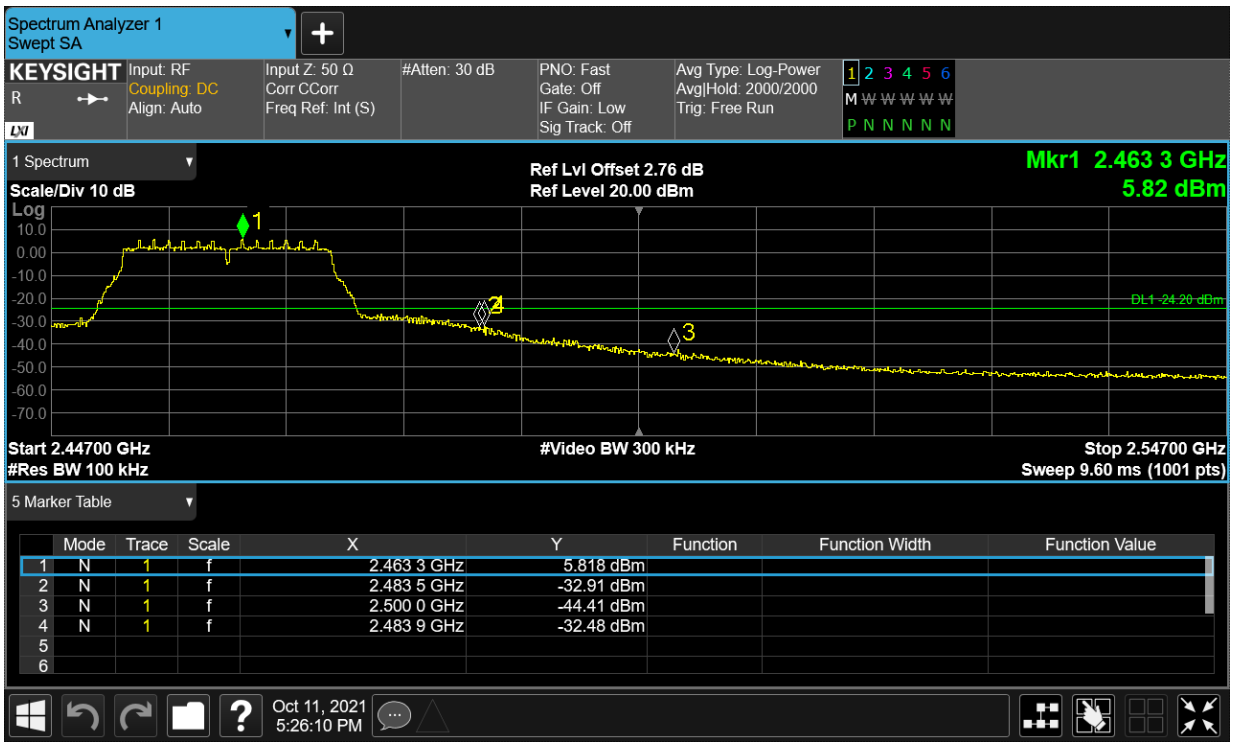


Band Edge NVNT n20 2462MHz Ant1 Emission

Band Edge NVNT n20 2462MHz Ant2 Ref



Band Edge NVNT n20 2462MHz Ant2 Emission

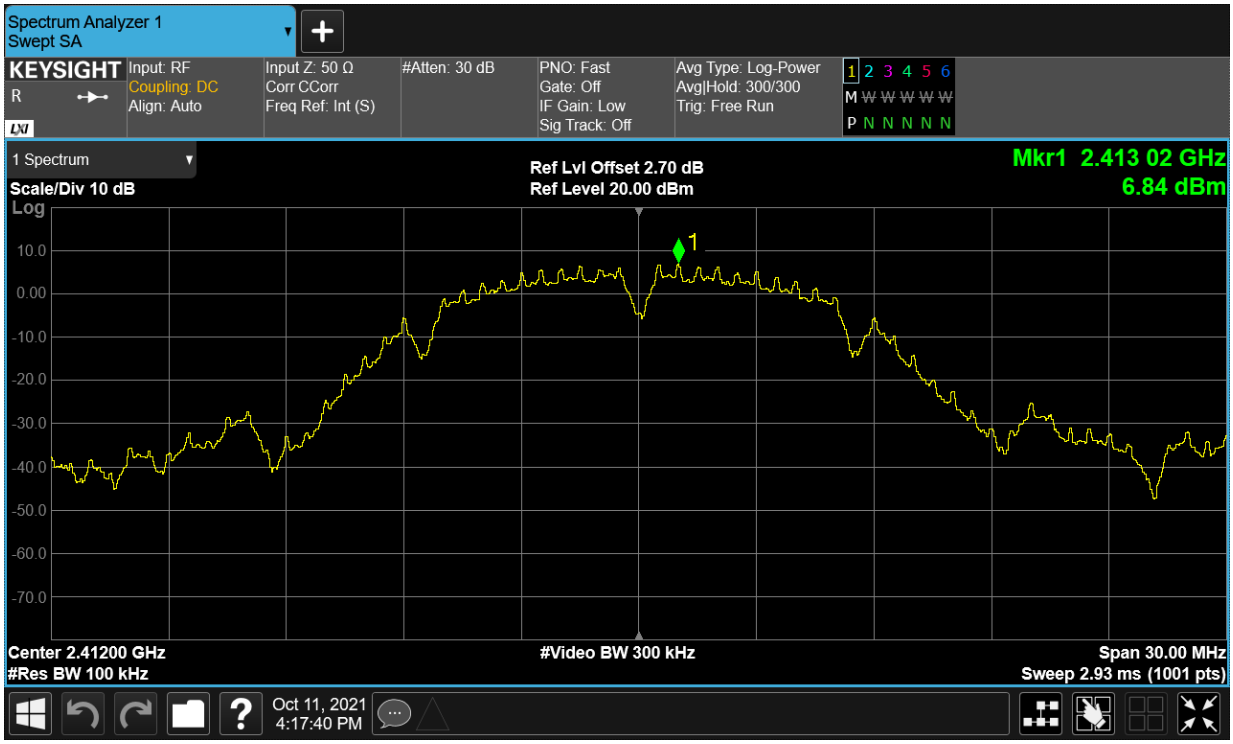


Conducted RF Spurious Emission

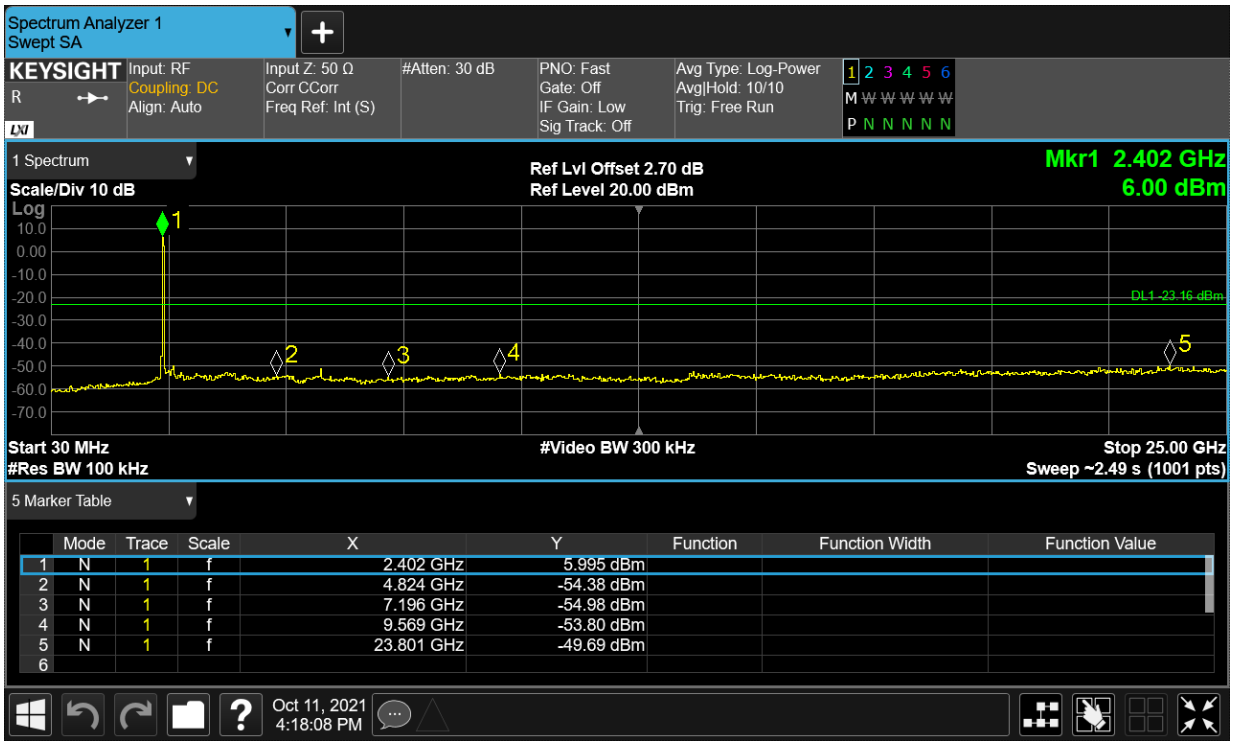
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-56.52	-30	Pass
NVNT	b	2437	Ant1	-57.01	-30	Pass
NVNT	b	2462	Ant1	-56.67	-30	Pass
NVNT	b	2412	Ant2	-52.48	-30	Pass
NVNT	b	2437	Ant2	-52.32	-30	Pass
NVNT	b	2462	Ant2	-50.78	-30	Pass
NVNT	g	2412	Ant1	-55.03	-30	Pass
NVNT	g	2437	Ant1	-53.19	-30	Pass
NVNT	g	2462	Ant1	-47.48	-30	Pass
NVNT	g	2412	Ant2	-53.85	-30	Pass
NVNT	g	2437	Ant2	-53.73	-30	Pass
NVNT	g	2462	Ant2	-53.48	-30	Pass
NVNT	n20	2412	Ant1	-52.36	-30	Pass
NVNT	n20	2412	Ant2	-52.74	-30	Pass
NVNT	n20	2437	Ant1	-54.13	-30	Pass
NVNT	n20	2437	Ant2	-53.36	-30	Pass
NVNT	n20	2462	Ant1	-53.02	-30	Pass
NVNT	n20	2462	Ant2	-52.47	-30	Pass

Test Graphs

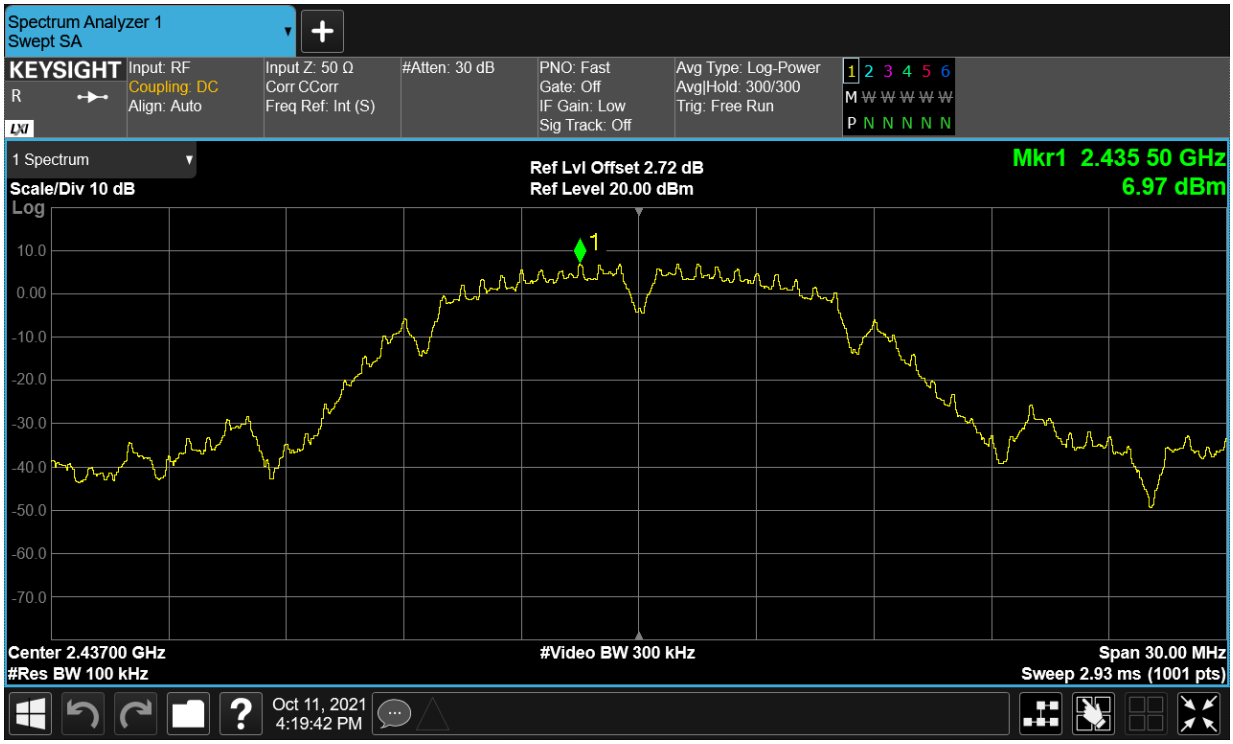
Tx. Spurious NVNT b 2412MHz Ant1 Ref



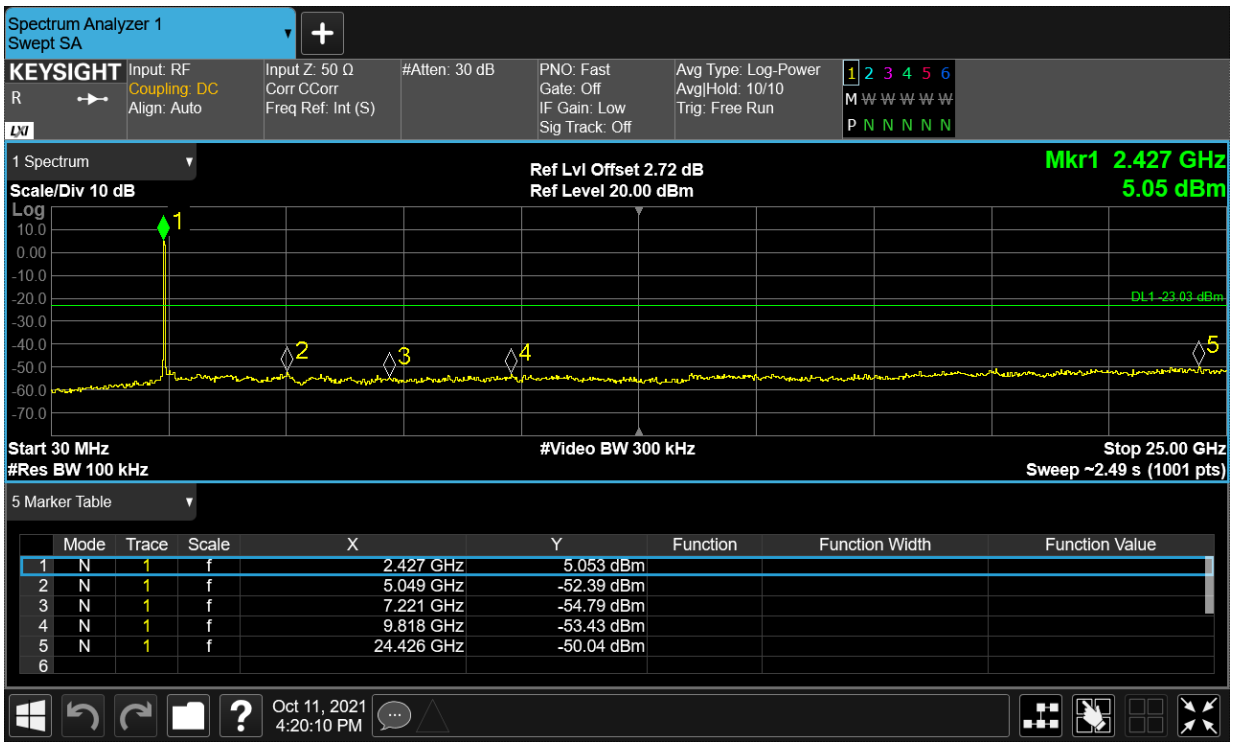
Tx. Spurious NVNT b 2412MHz Ant1 Emission



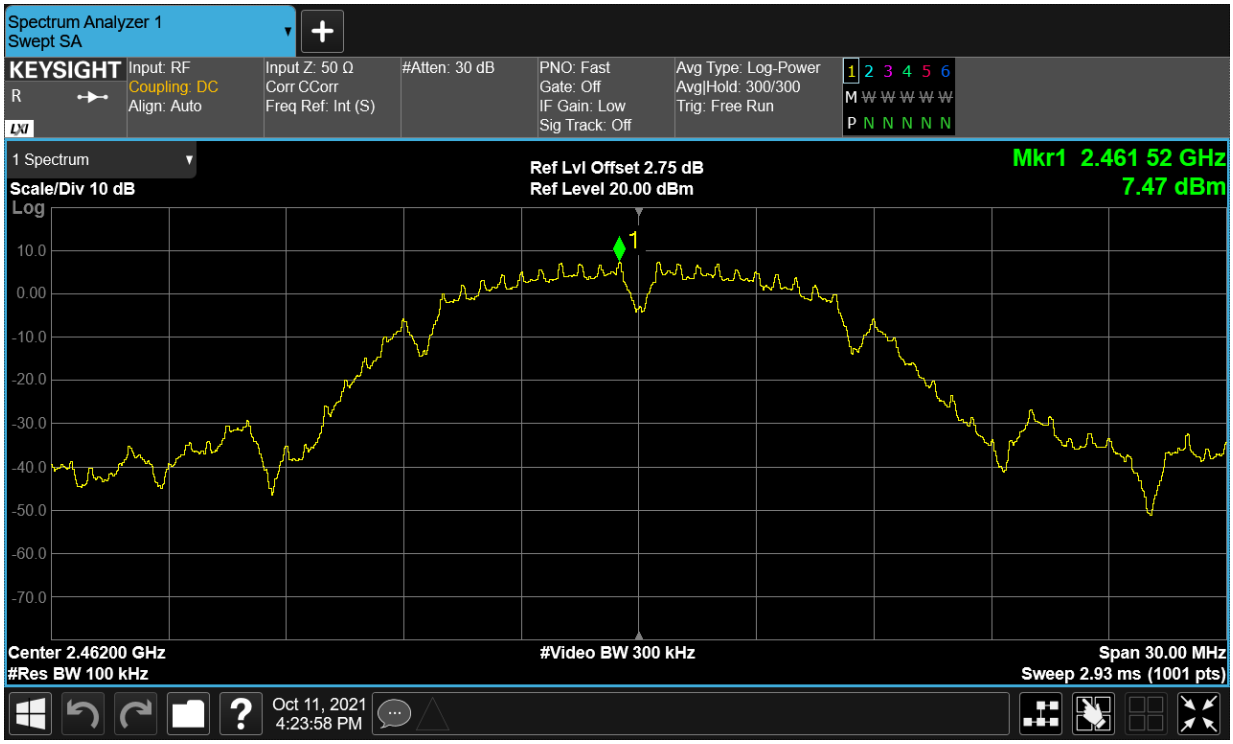
Tx. Spurious NVNT b 2437MHz Ant1 Ref



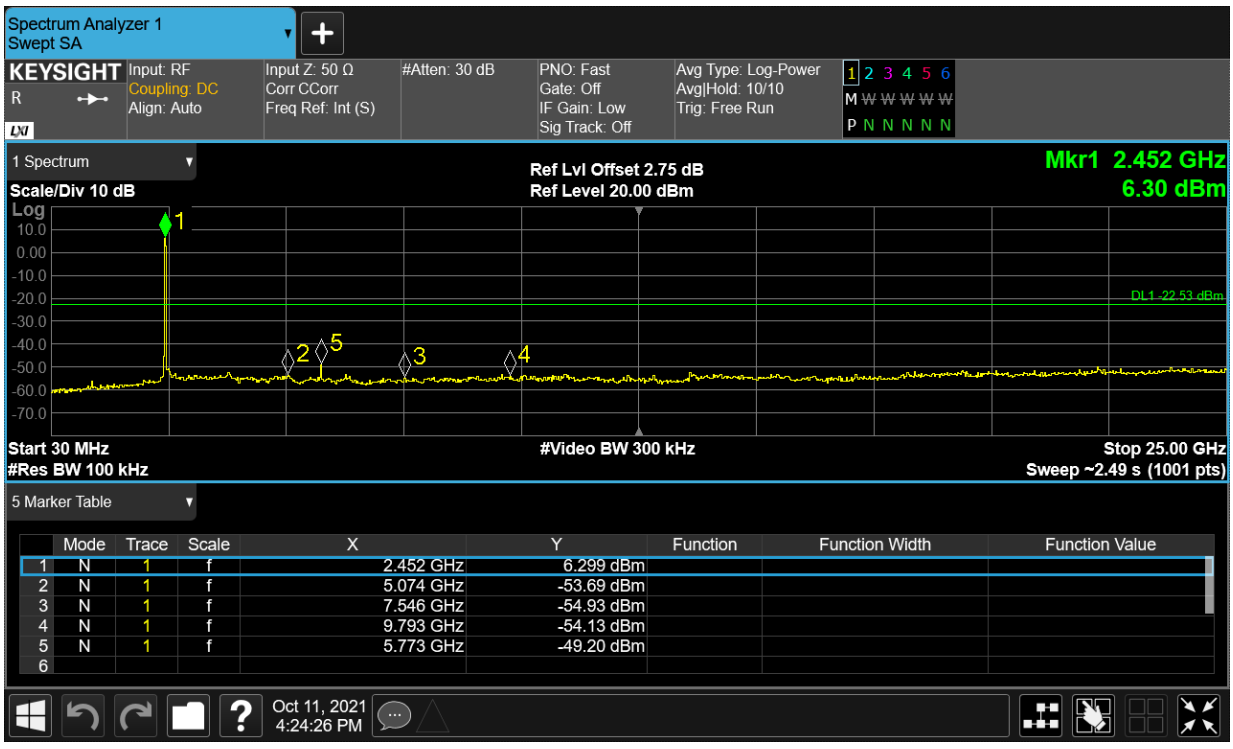
Tx. Spurious NVNT b 2437MHz Ant1 Emission



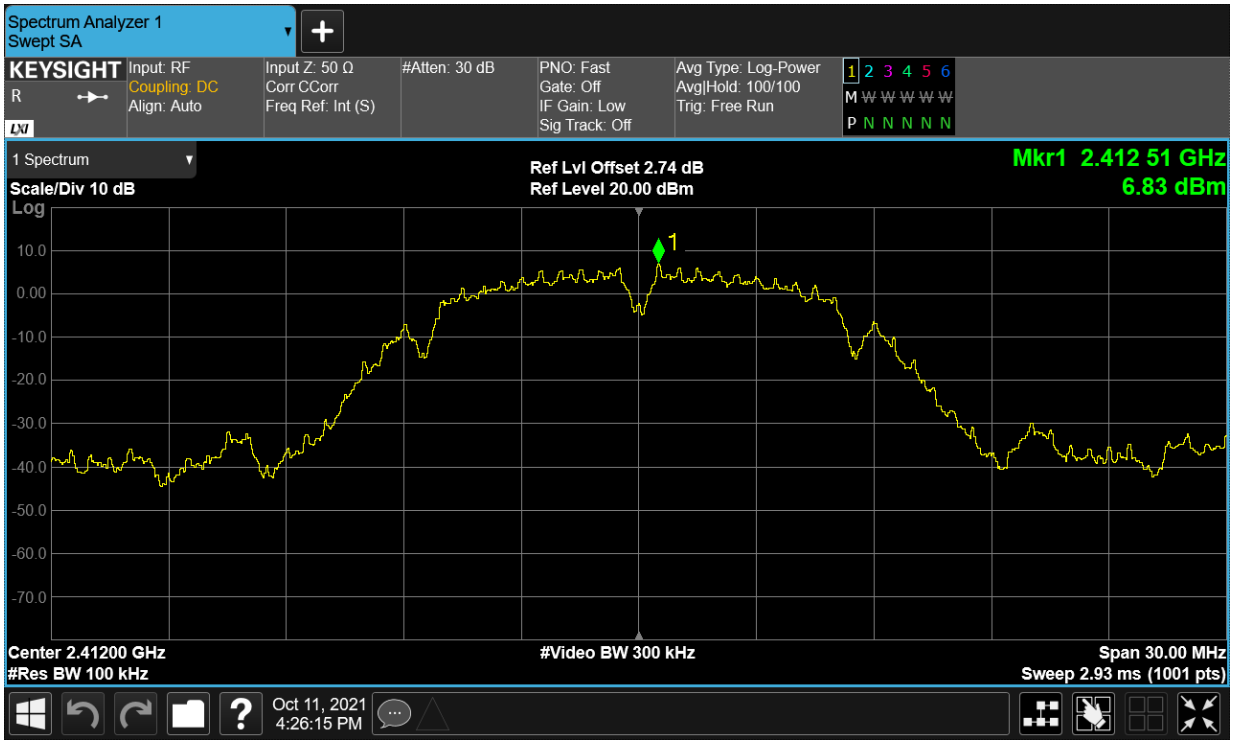
Tx. Spurious NVNT b 2462MHz Ant1 Ref



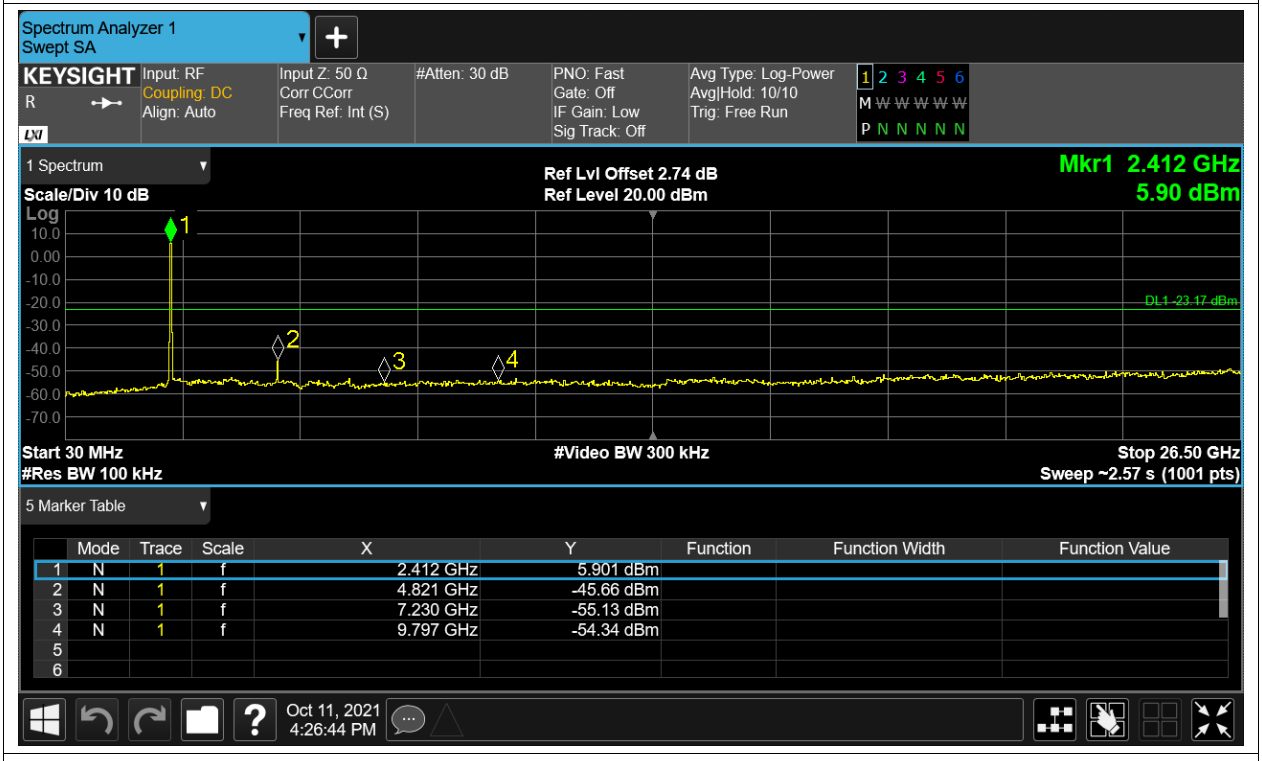
Tx. Spurious NVNT b 2462MHz Ant1 Emission



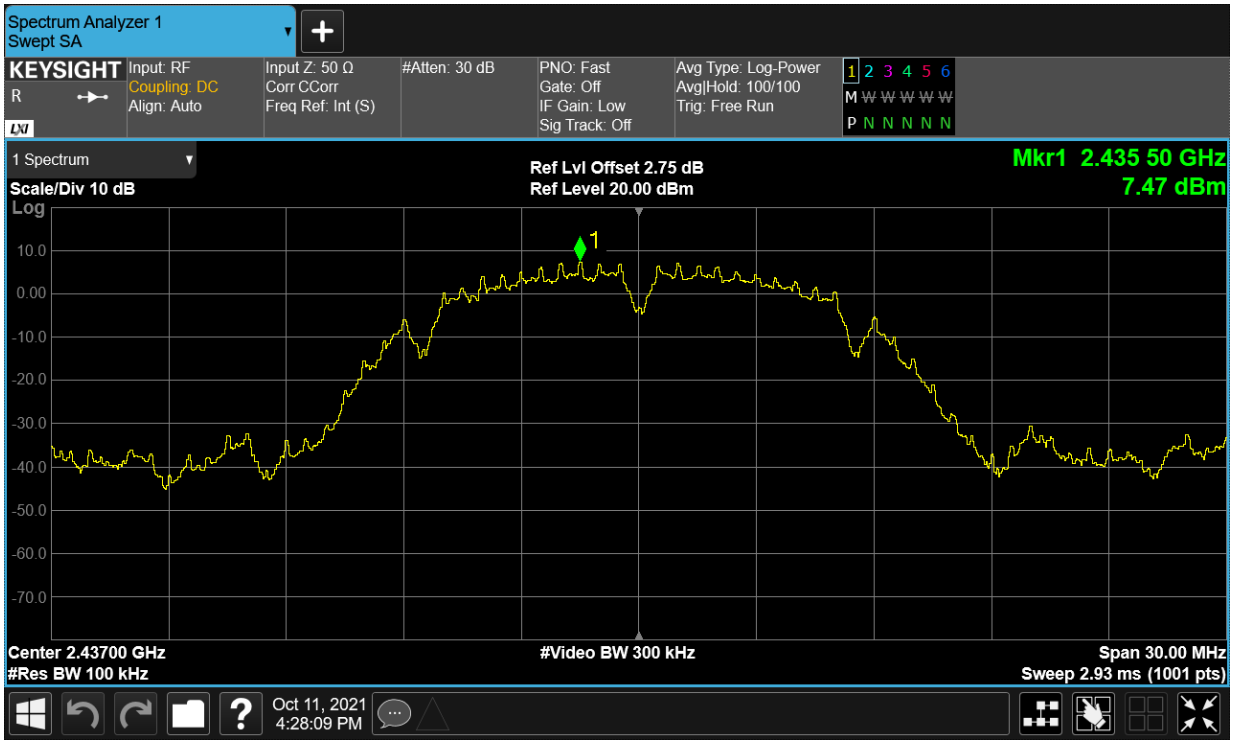
Tx. Spurious NVNT b 2412MHz Ant2 Ref



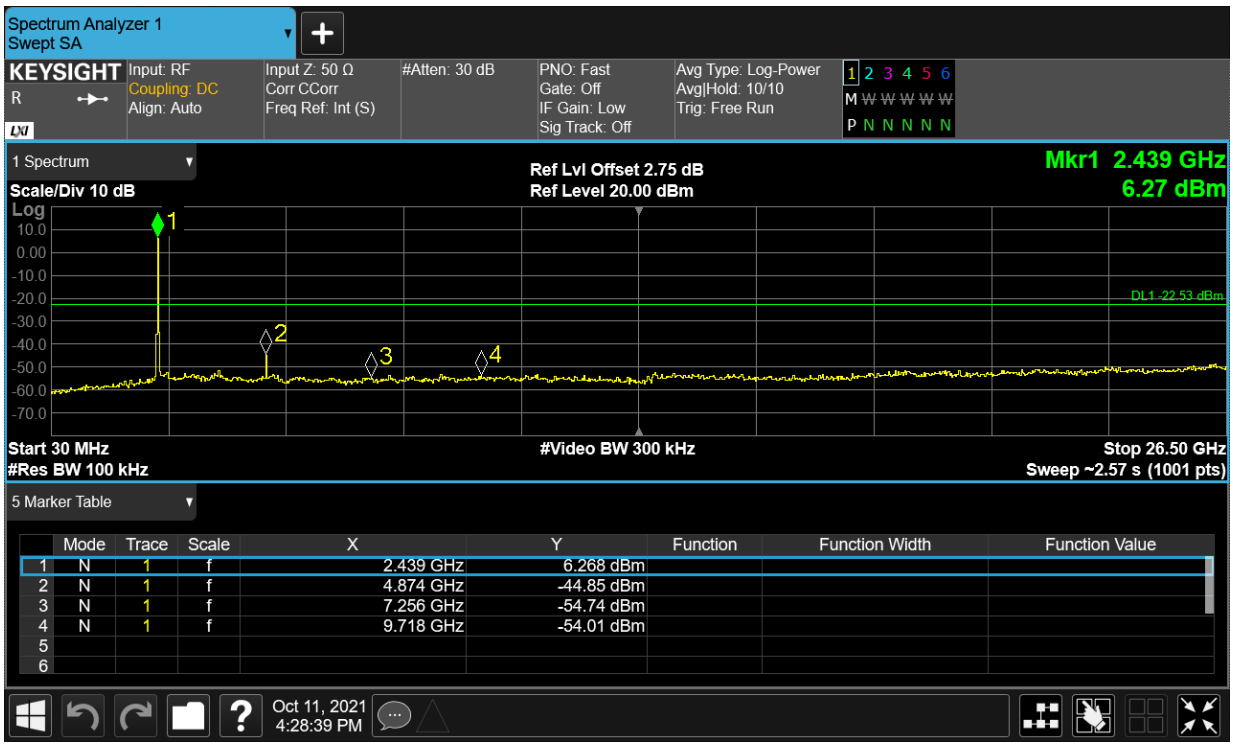
Tx. Spurious NVNT b 2412MHz Ant2 Emission



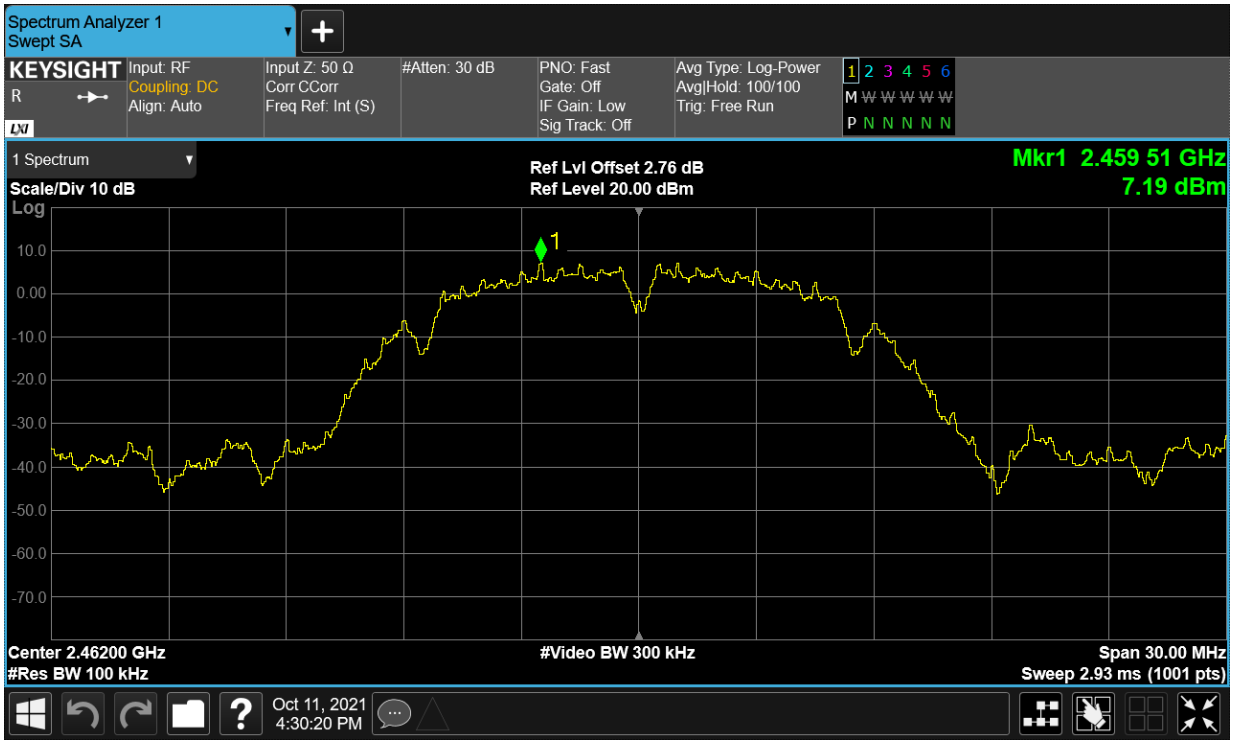
Tx. Spurious NVNT b 2437MHz Ant2 Ref



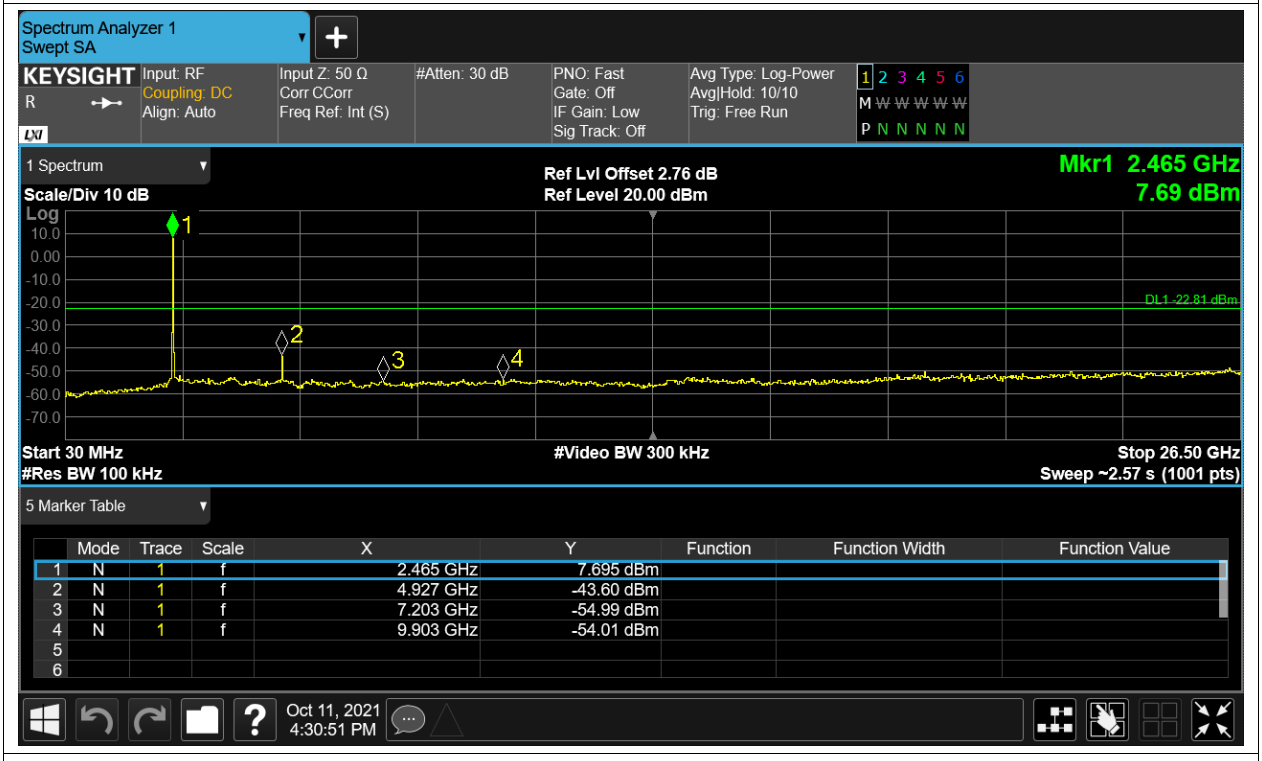
Tx. Spurious NVNT b 2437MHz Ant2 Emission



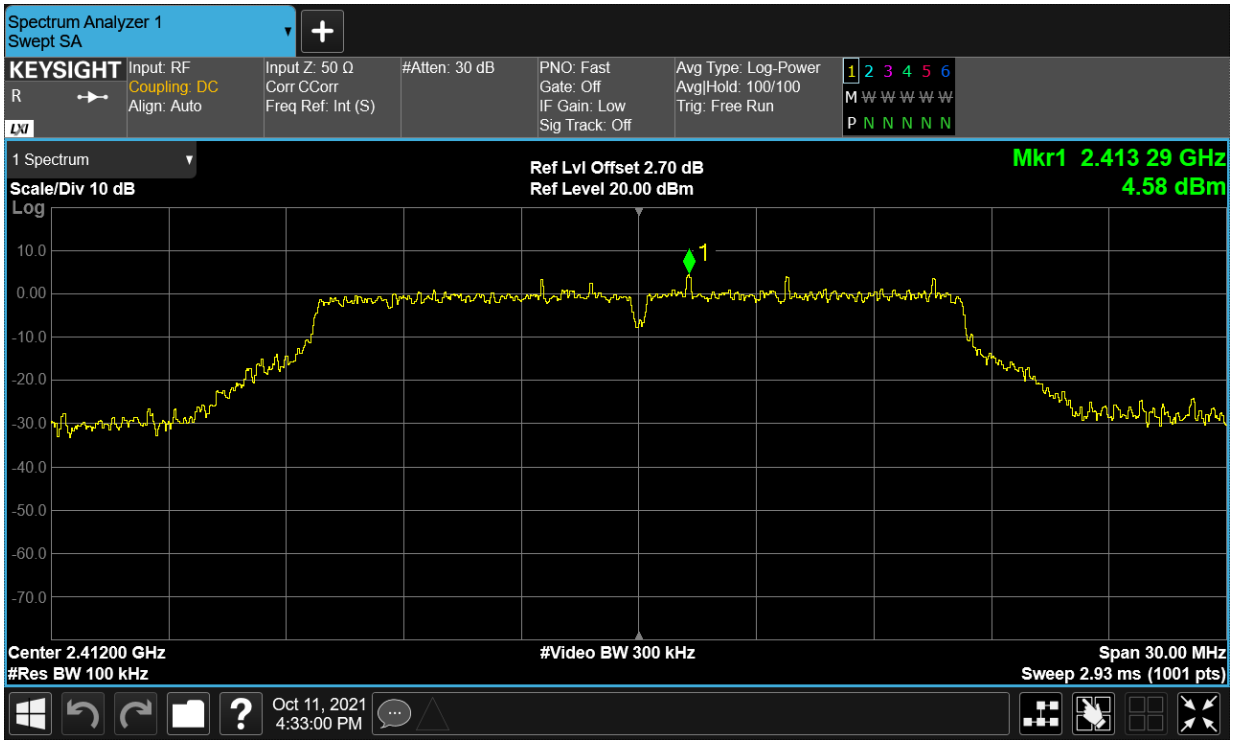
Tx. Spurious NVNT b 2462MHz Ant2 Ref



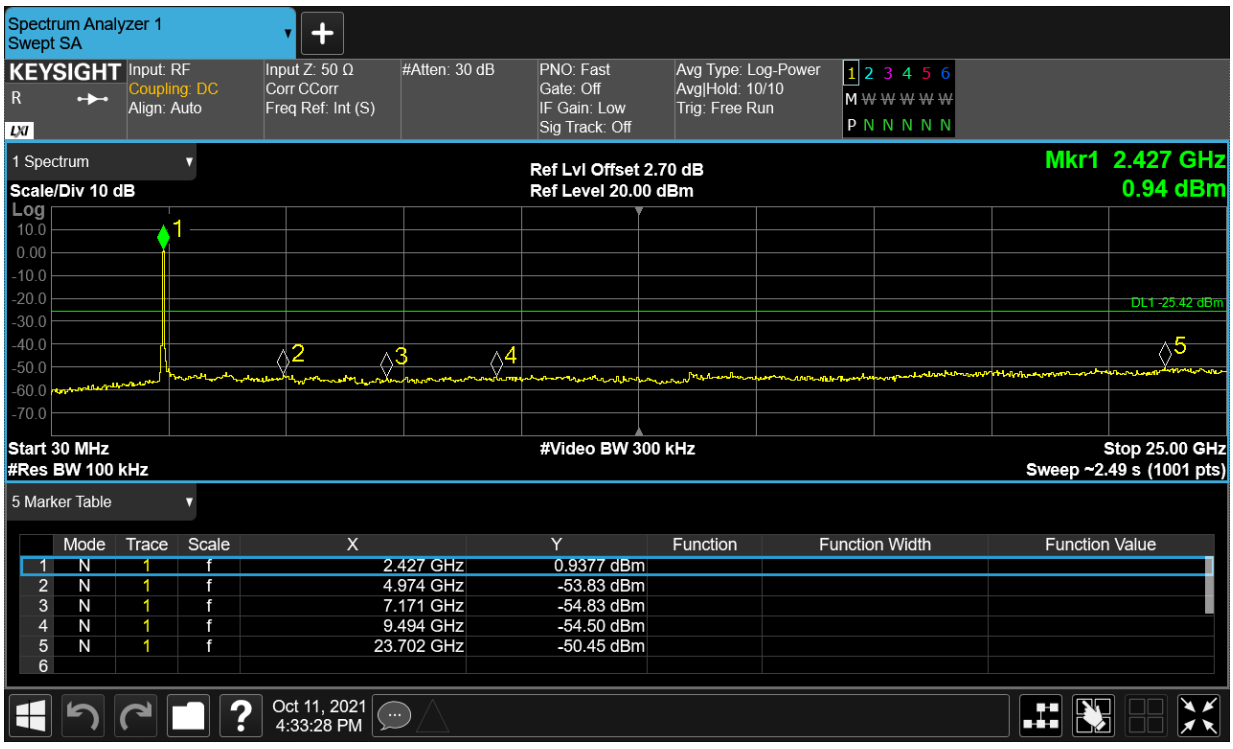
Tx. Spurious NVNT b 2462MHz Ant2 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref



Tx. Spurious NVNT g 2412MHz Ant1 Emission



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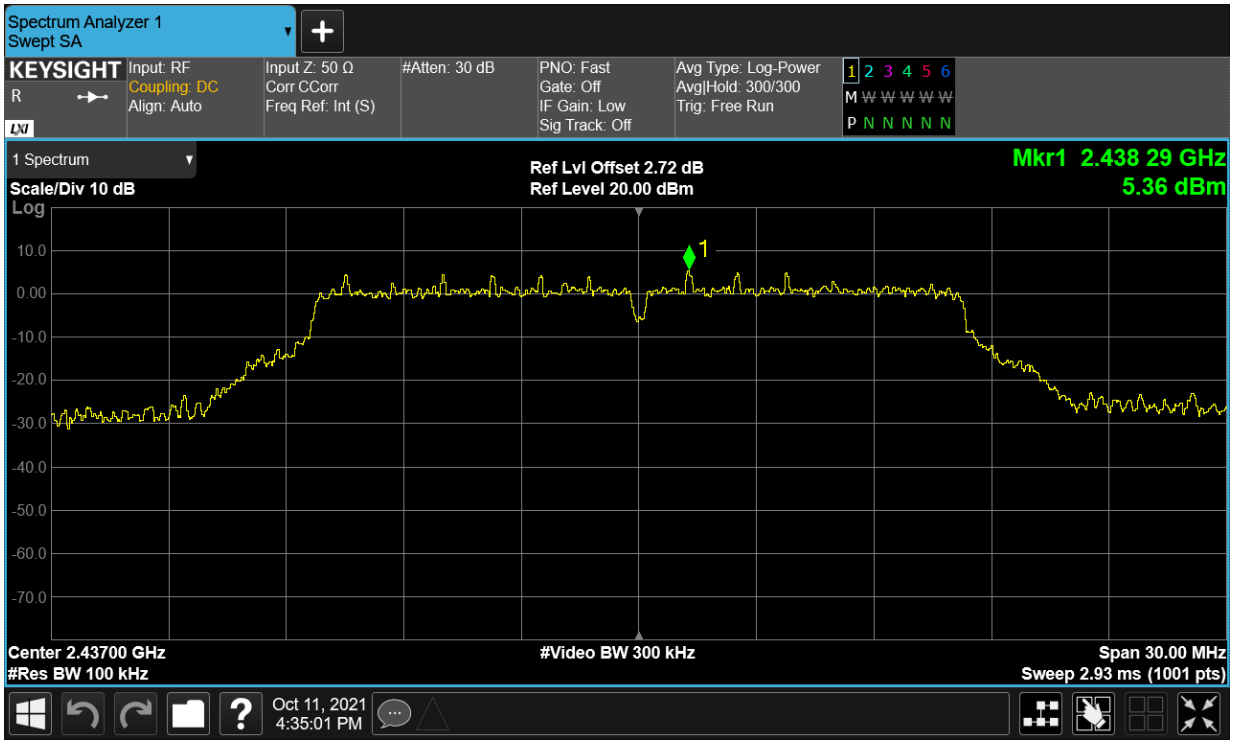

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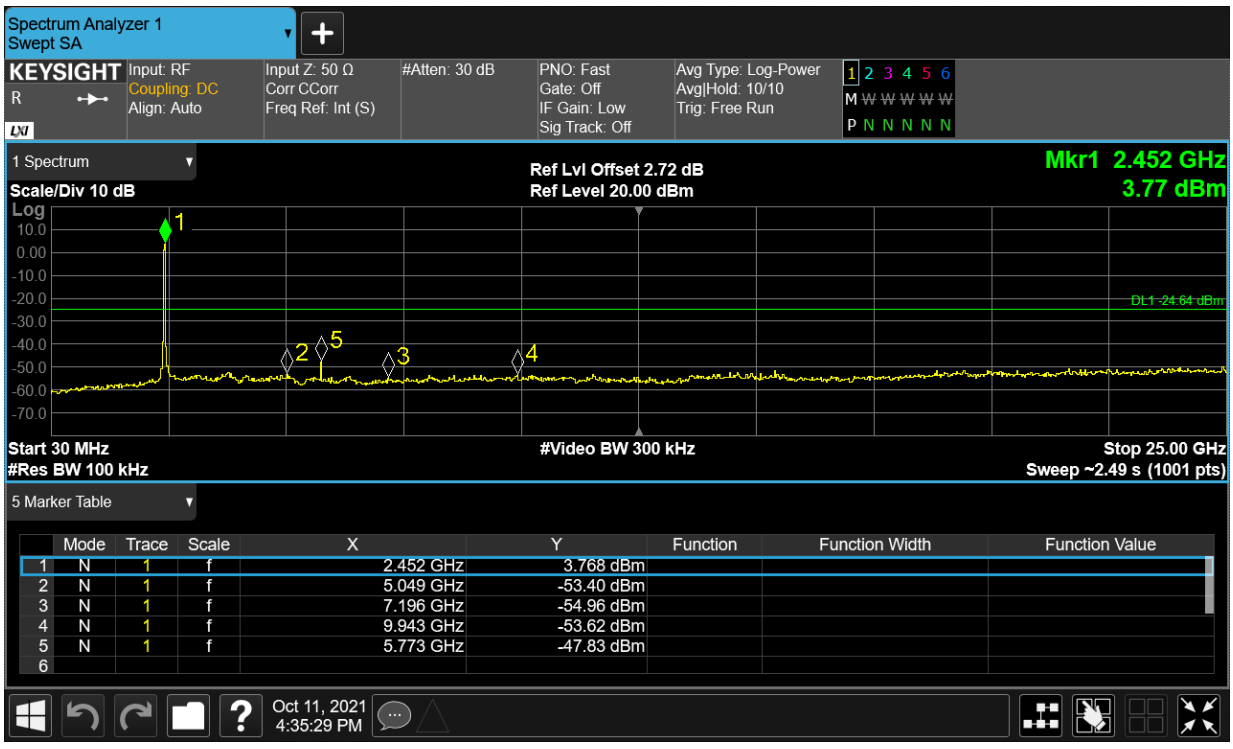

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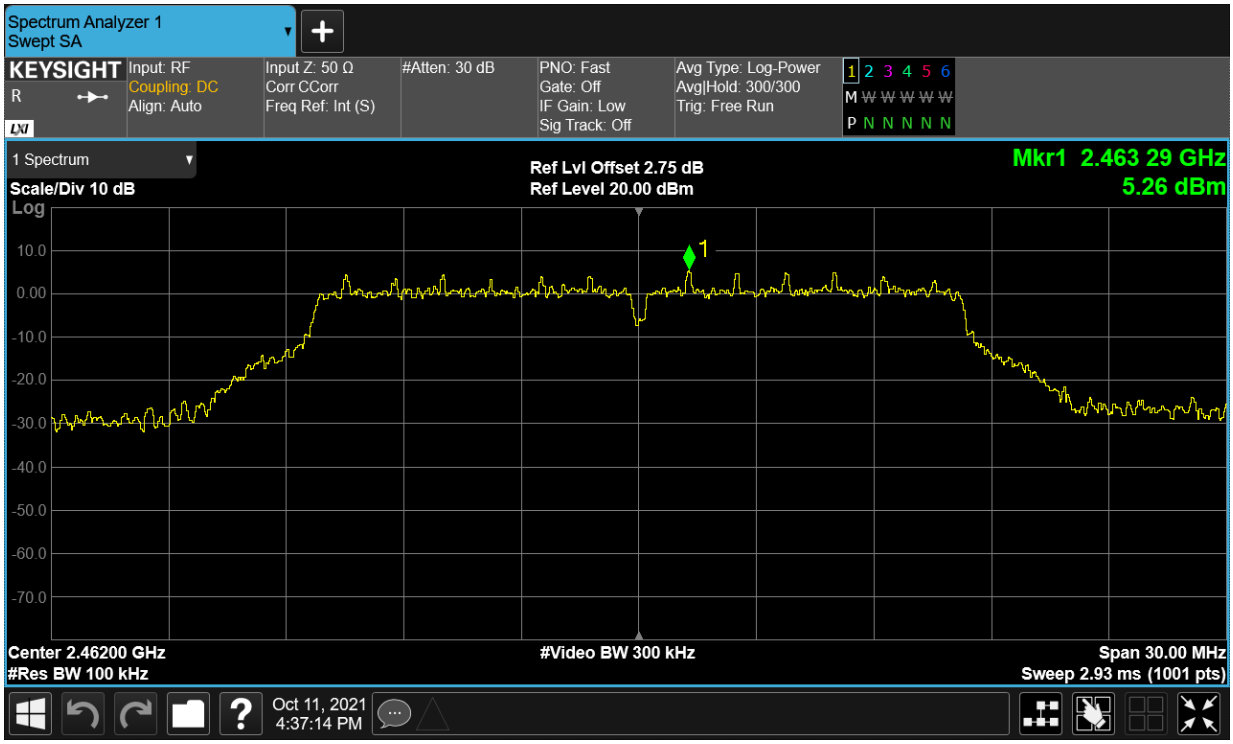

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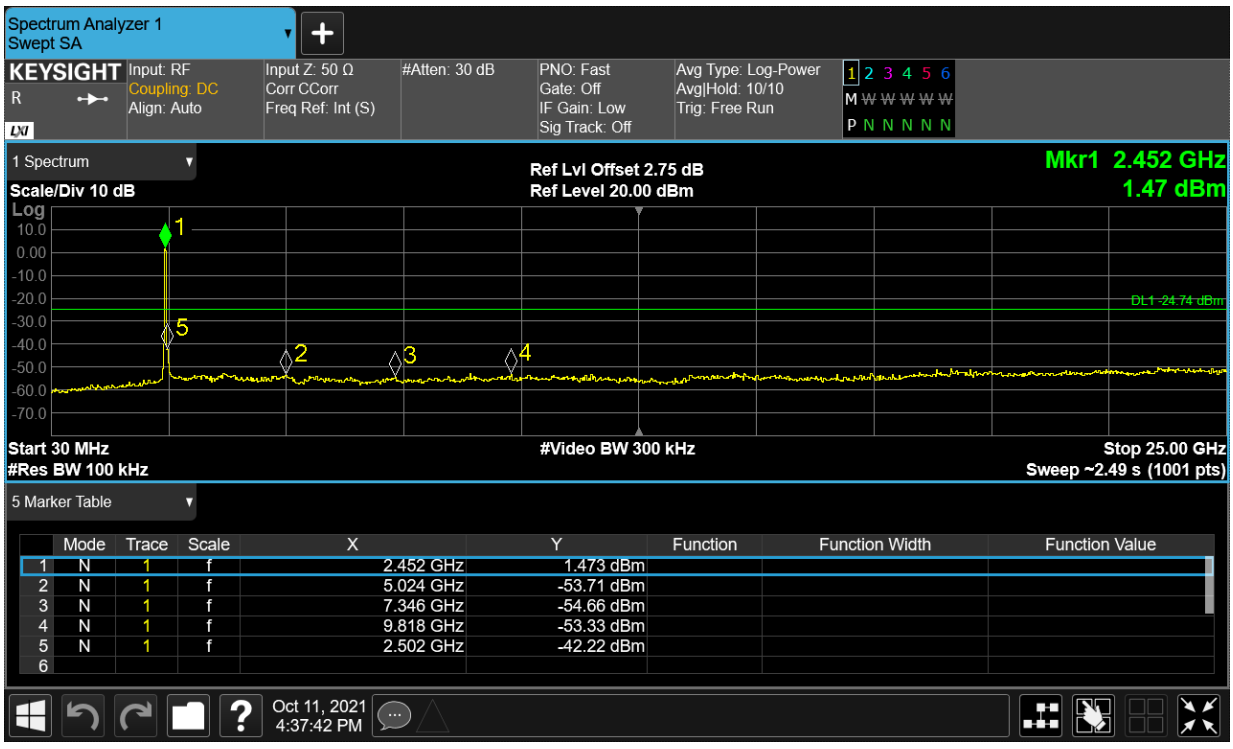

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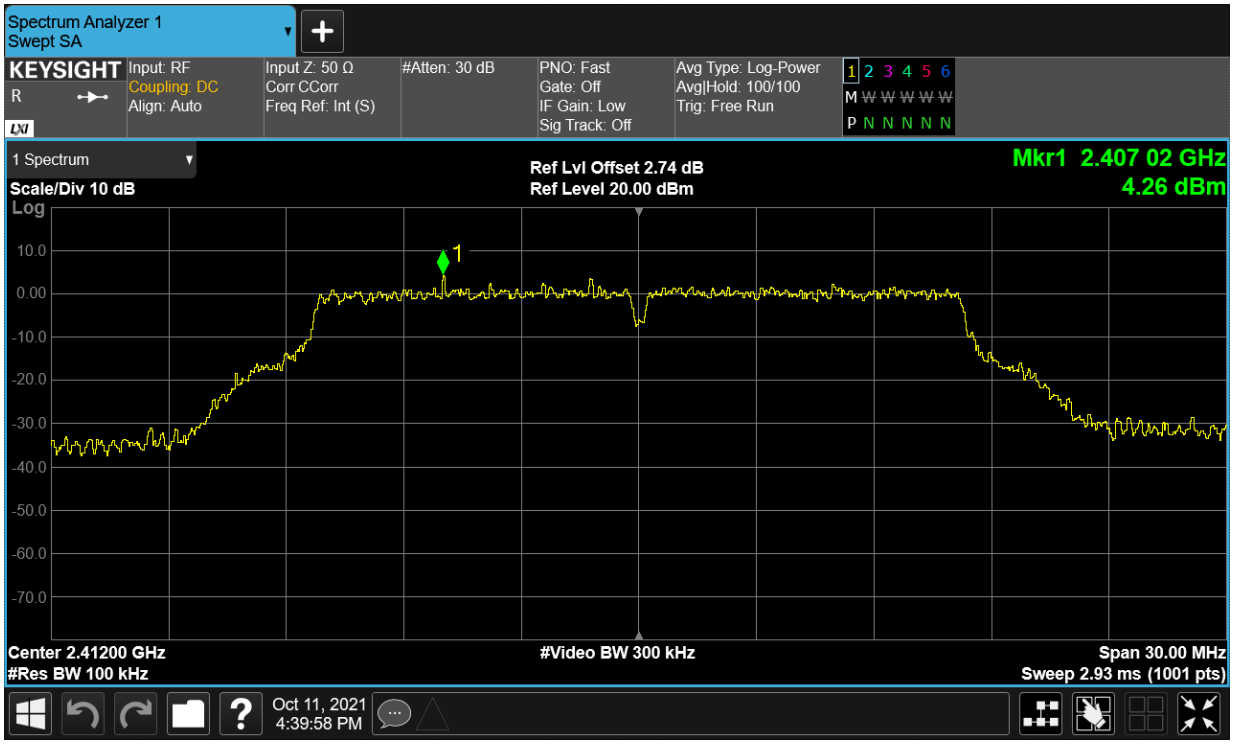

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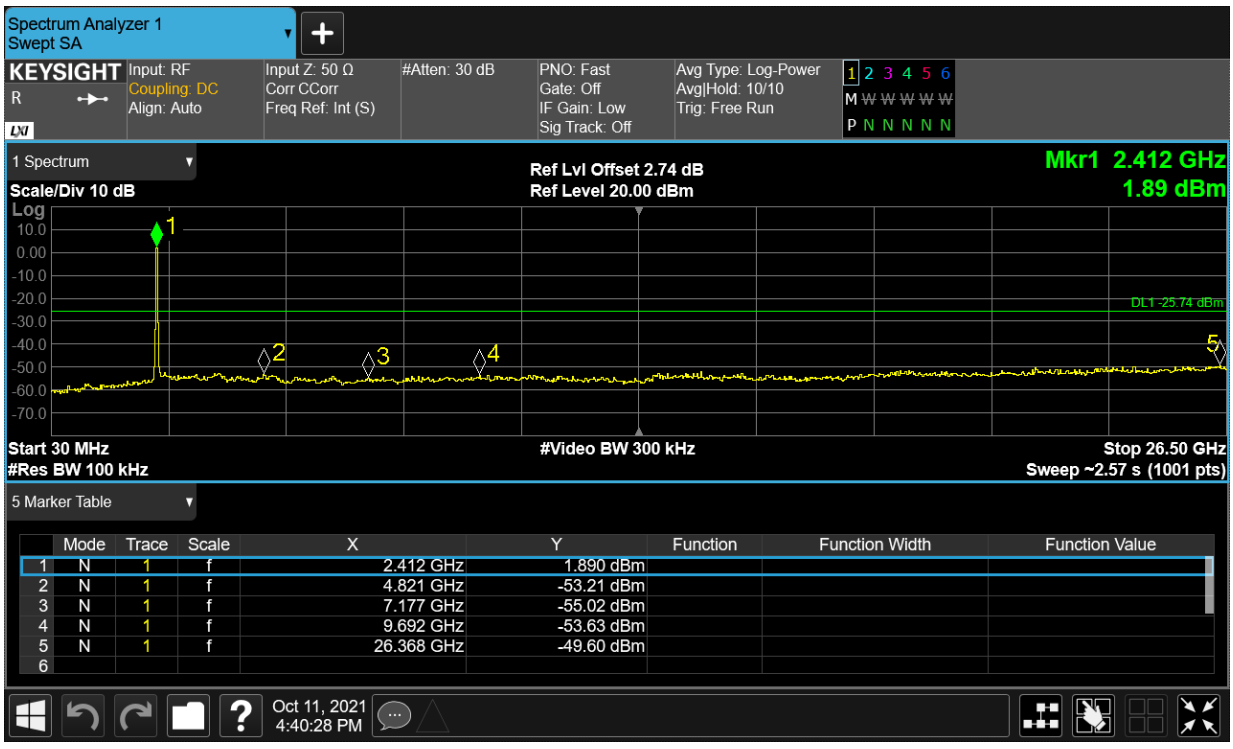

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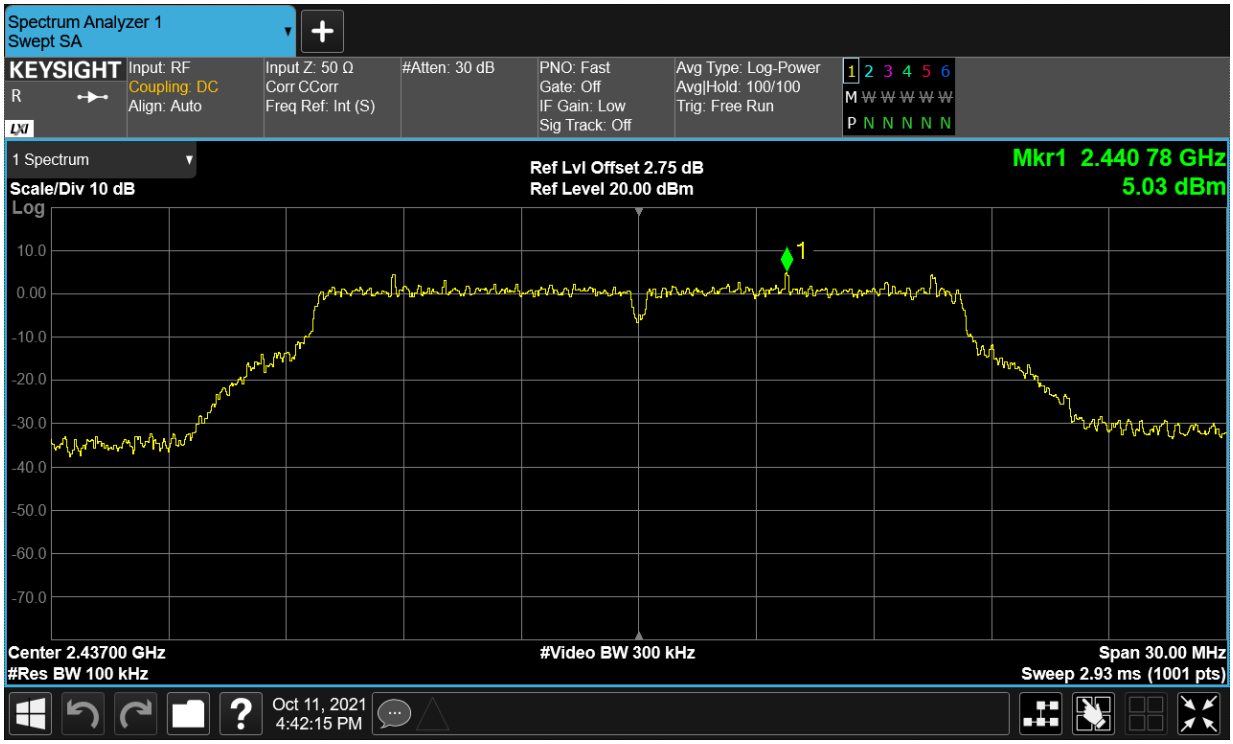

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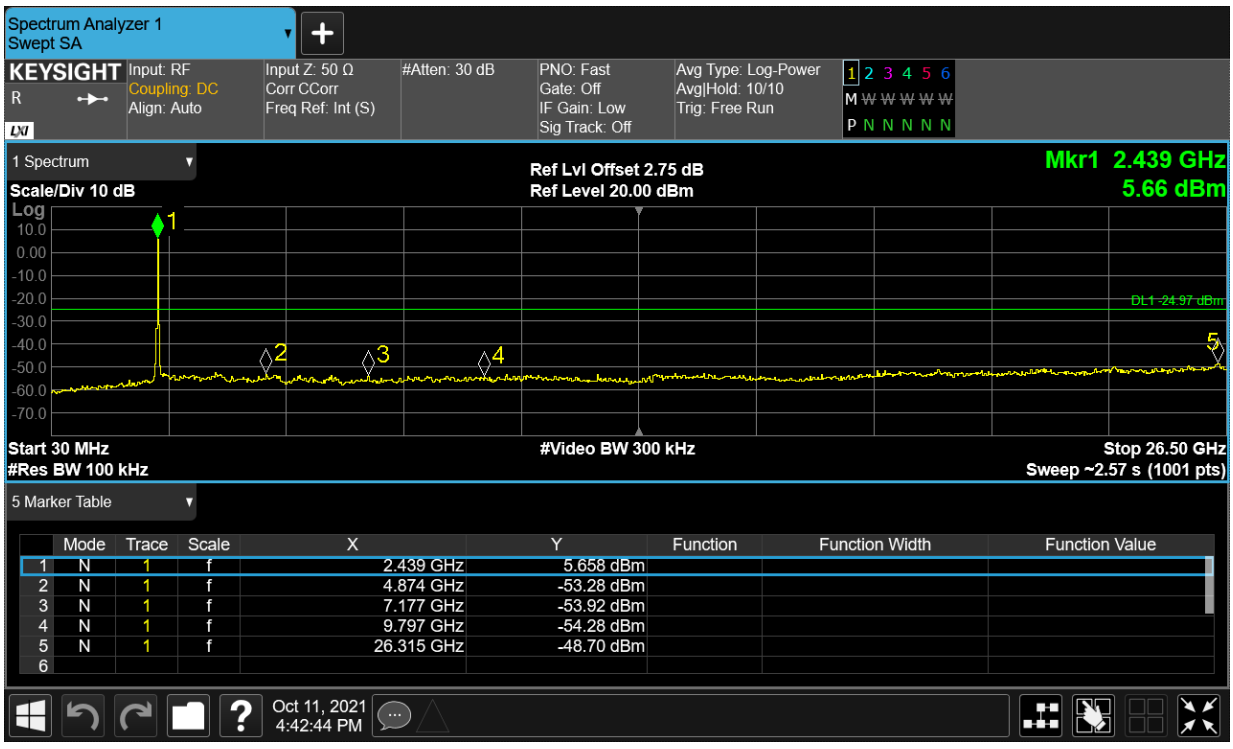
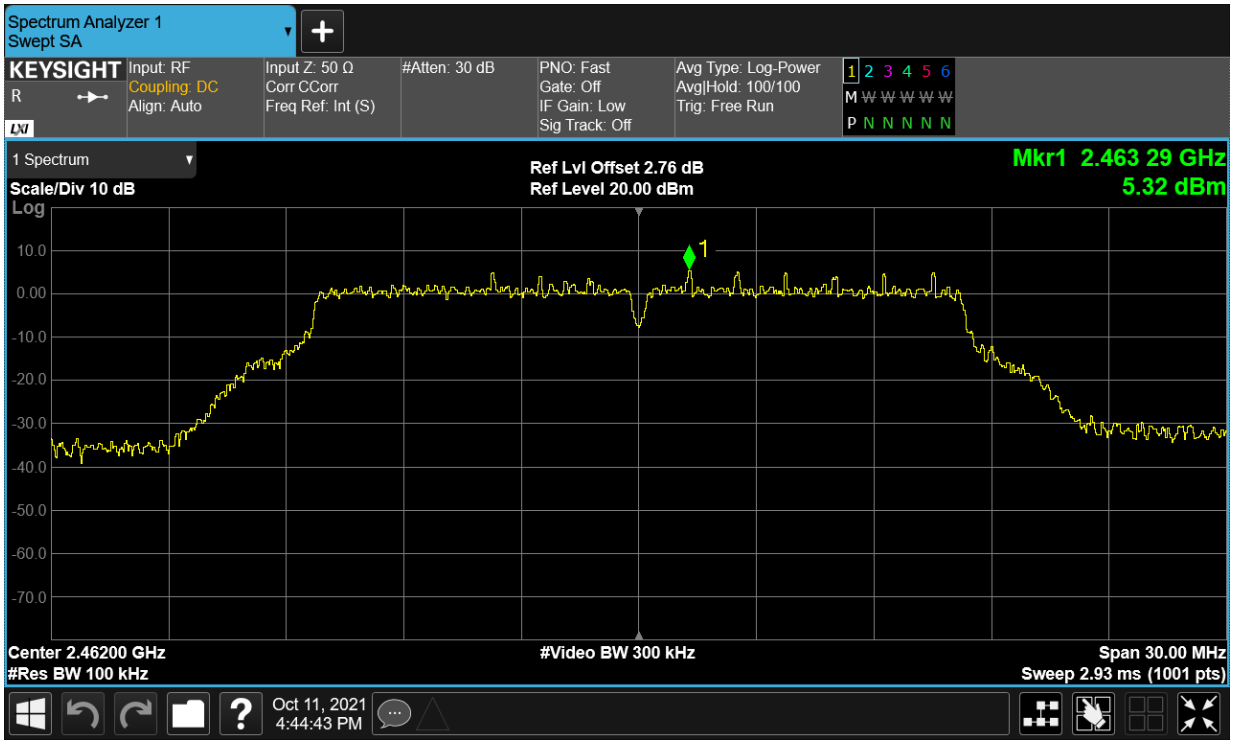
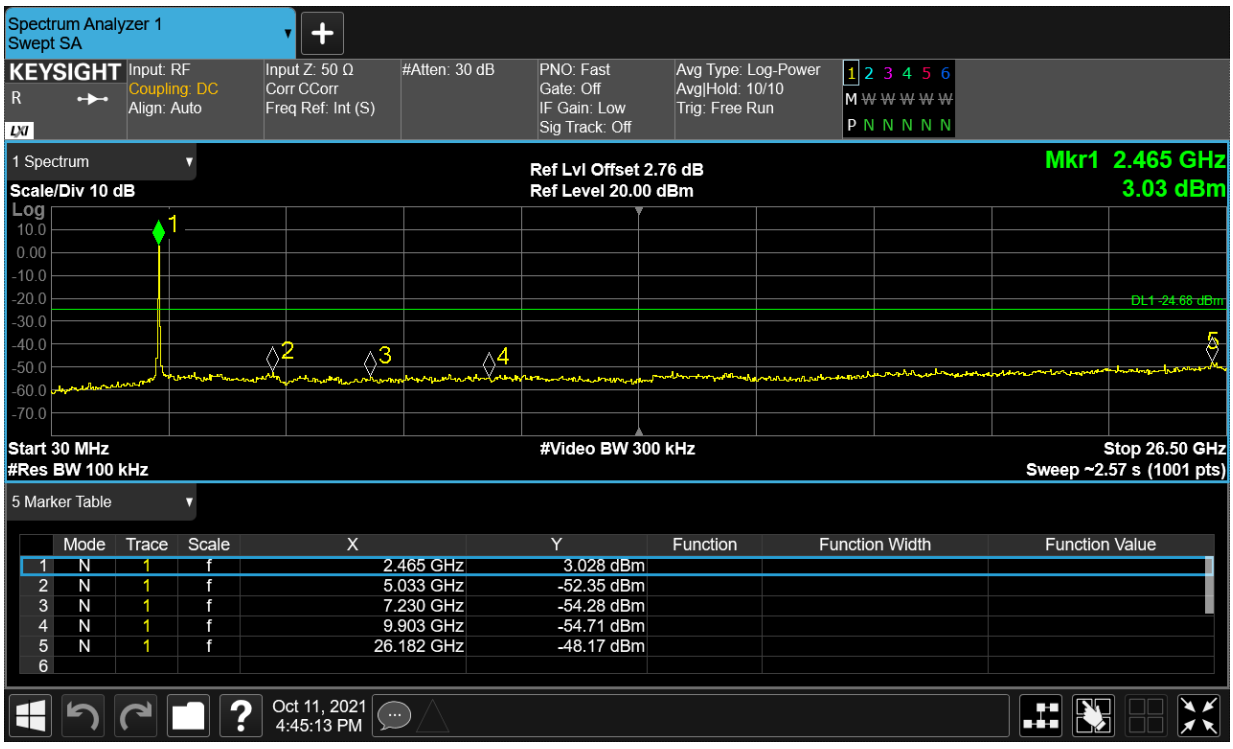


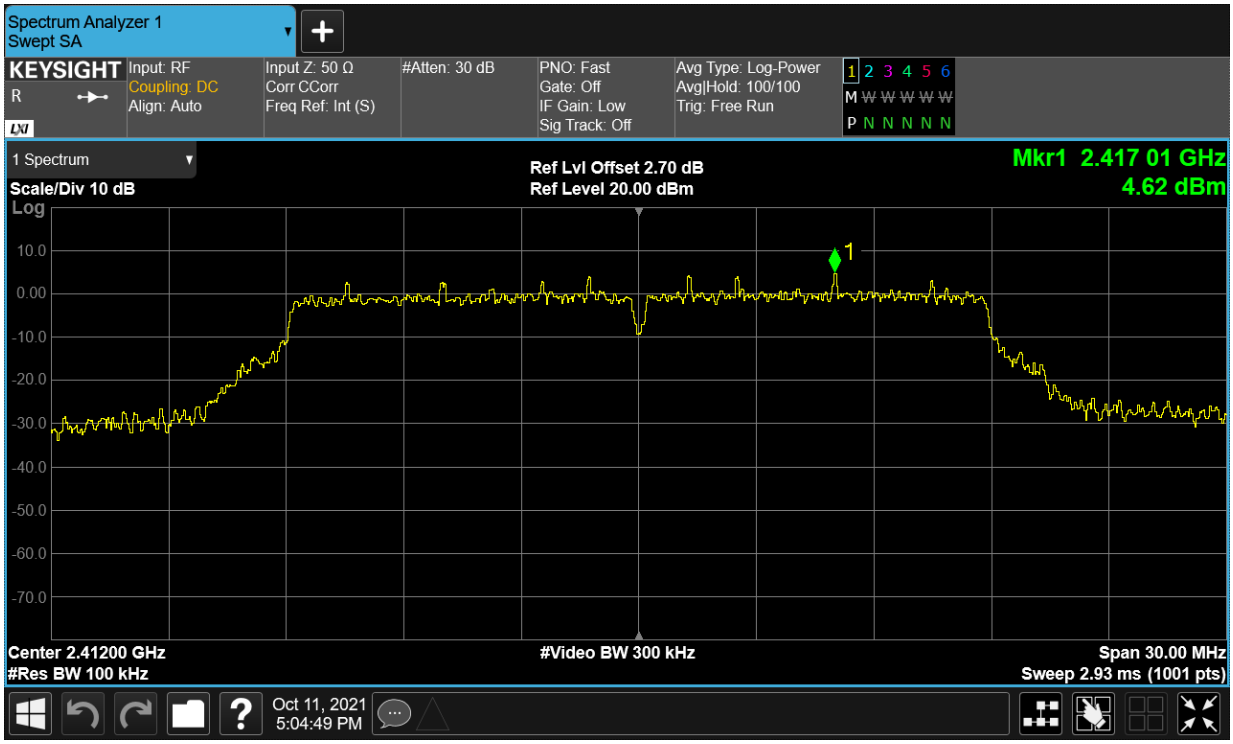
Tx. Spurious NVNT g 2462MHz Ant2 Ref



Tx. Spurious NVNT g 2462MHz Ant2 Emission



Tx. Spurious NVNT n20 2412MHz Ant1 Ref



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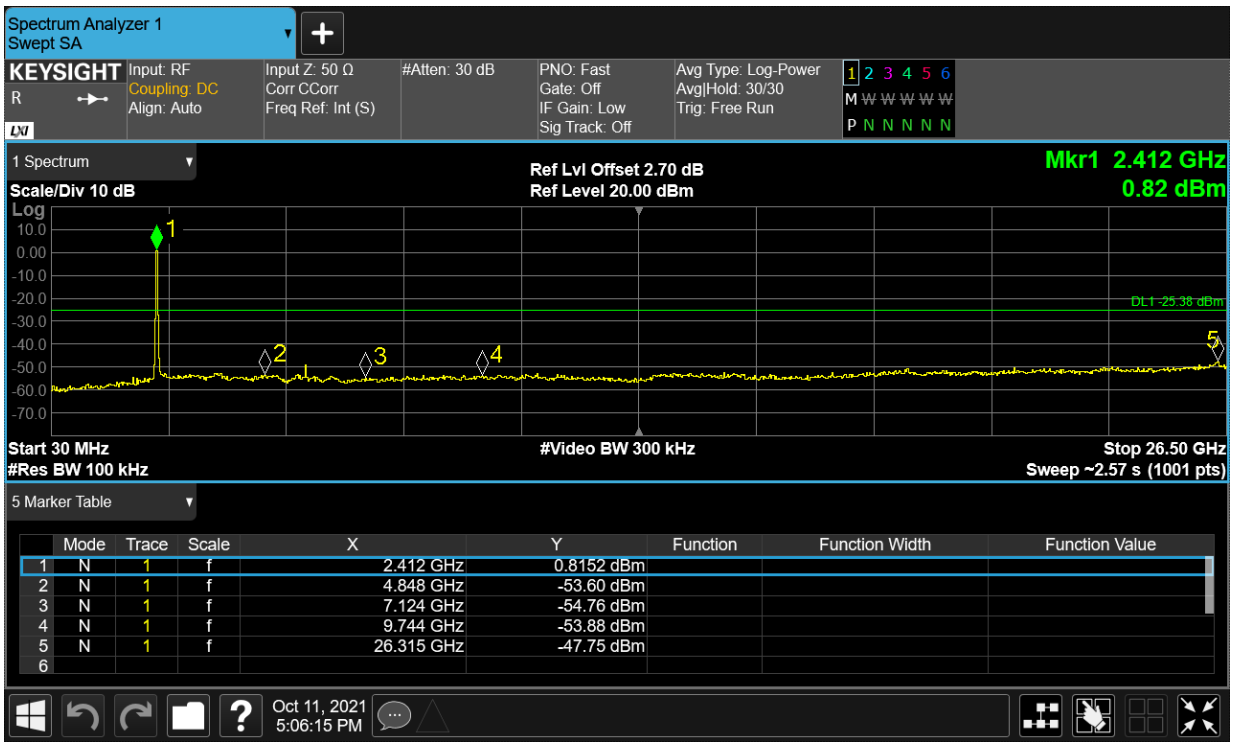

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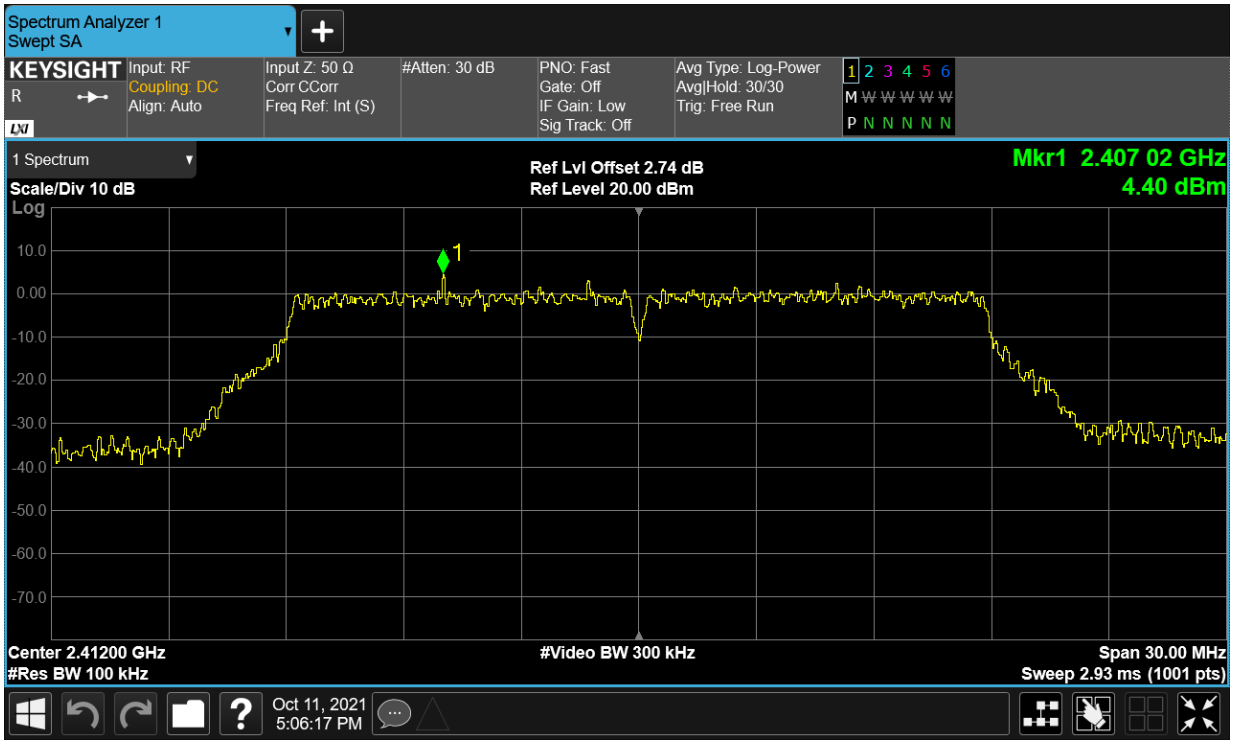

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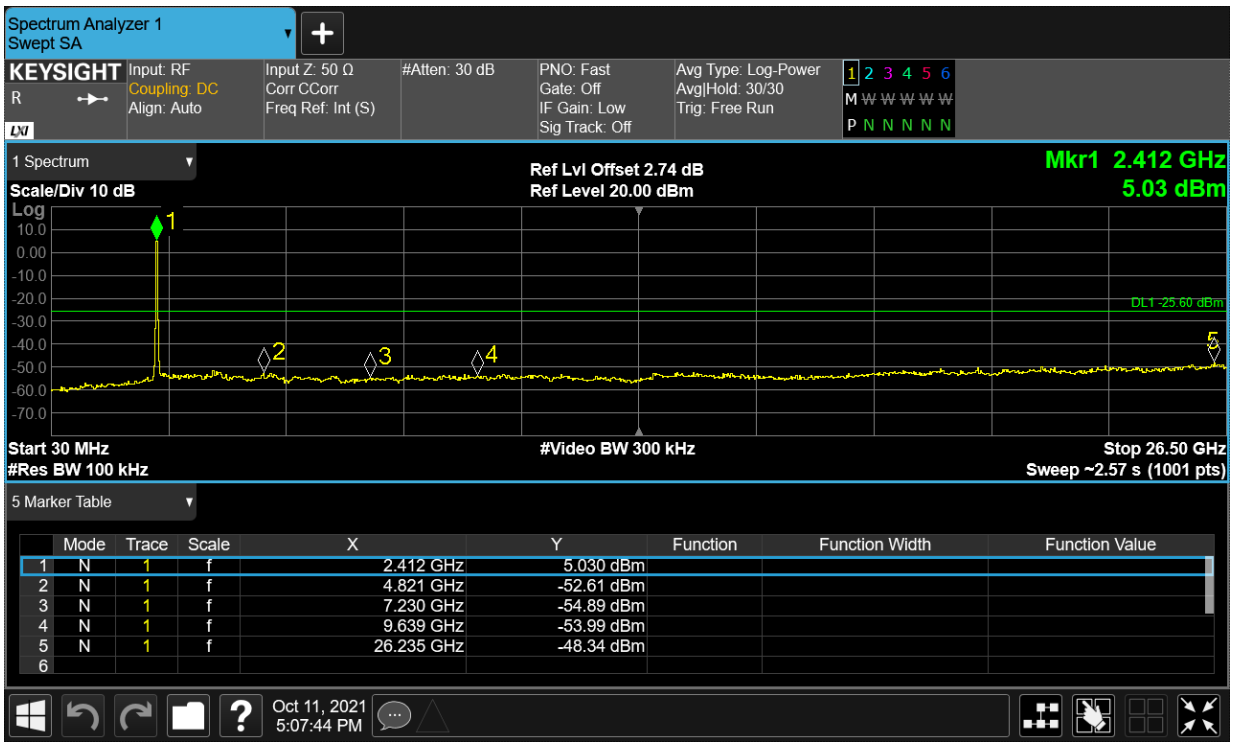

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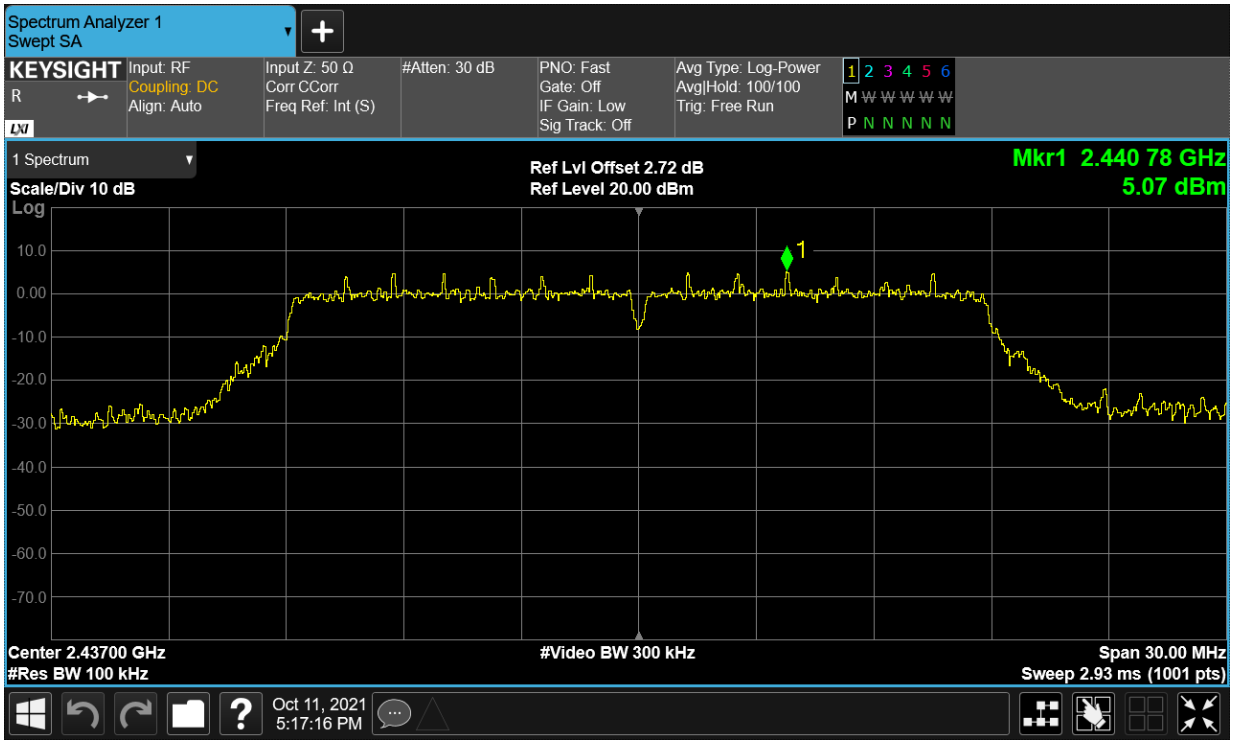

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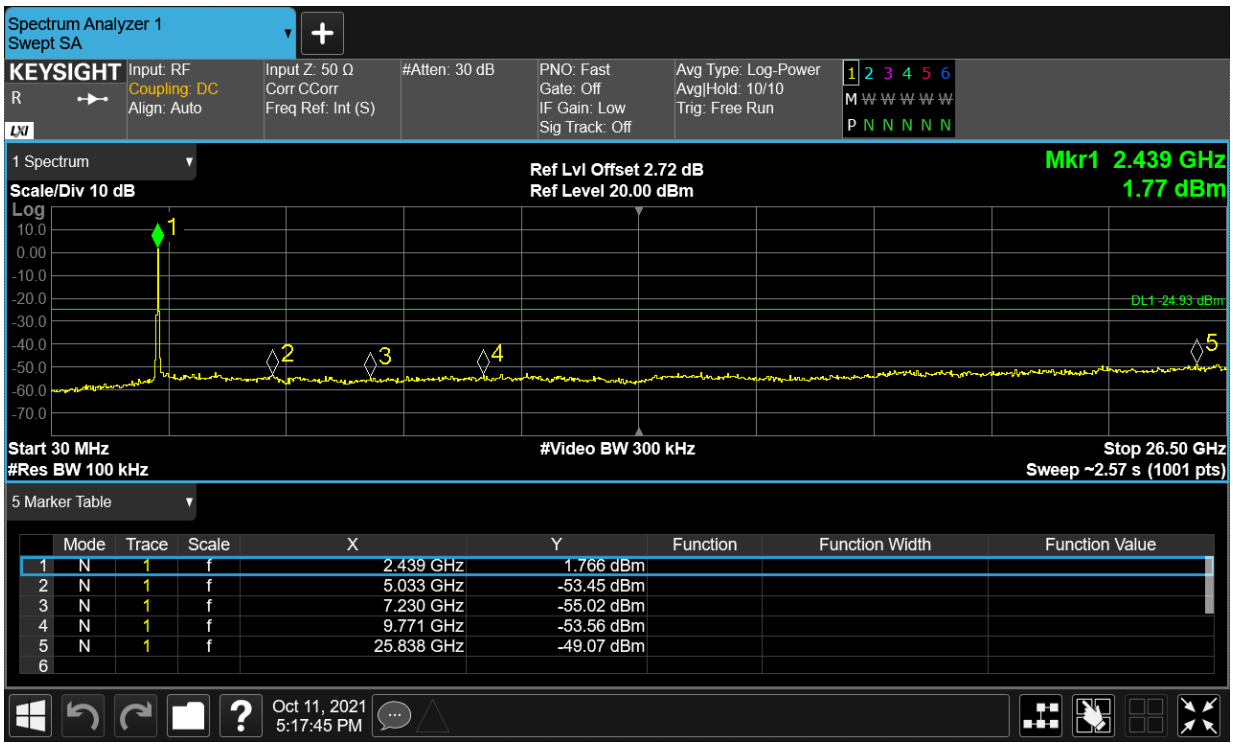

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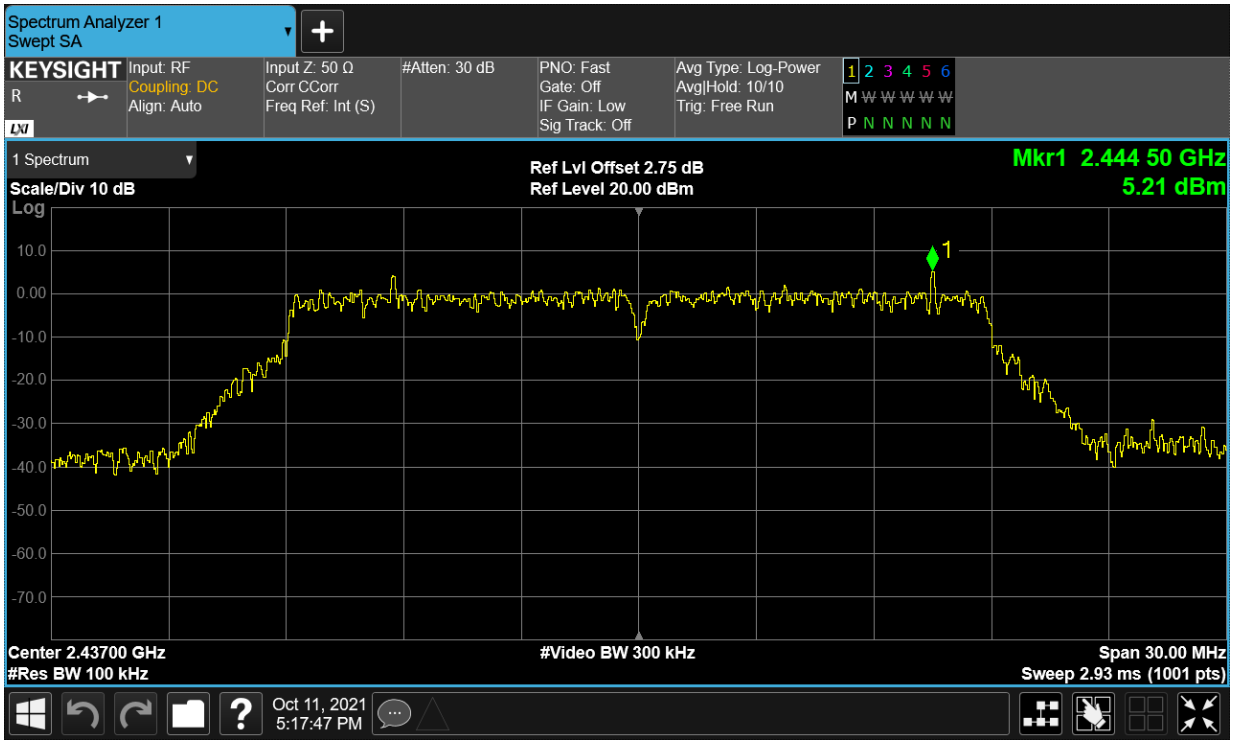

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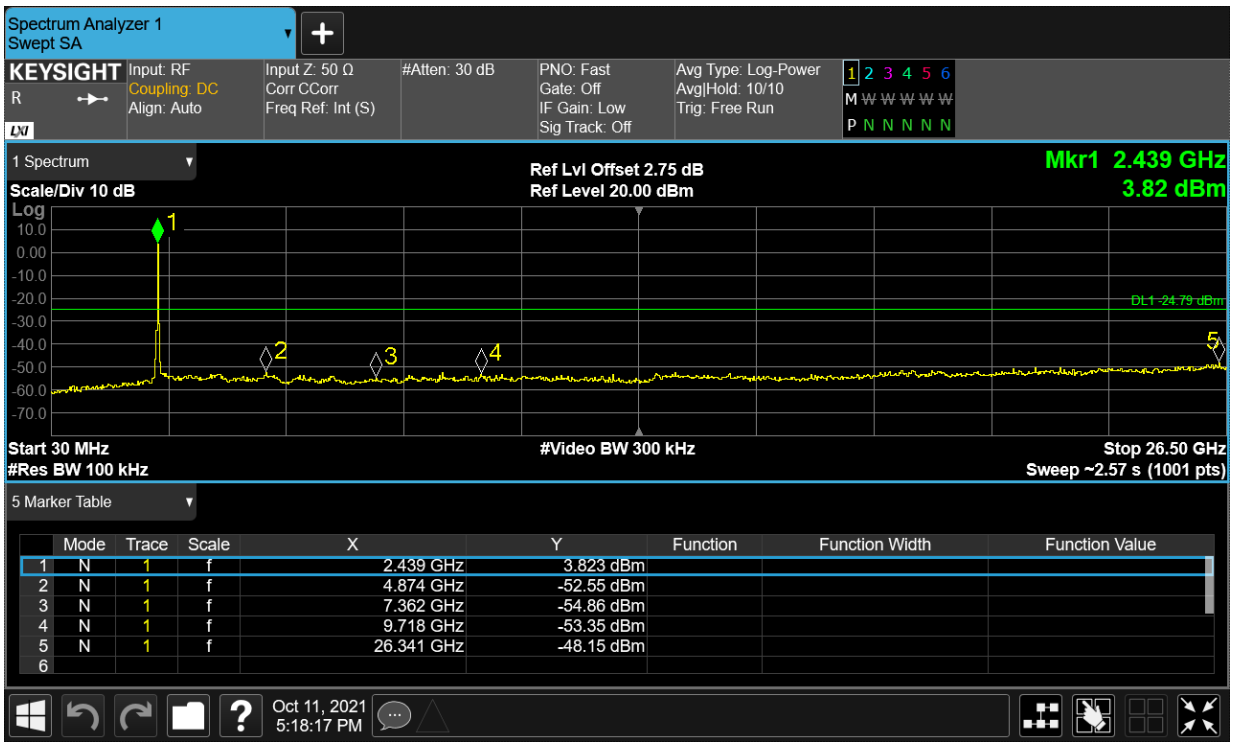

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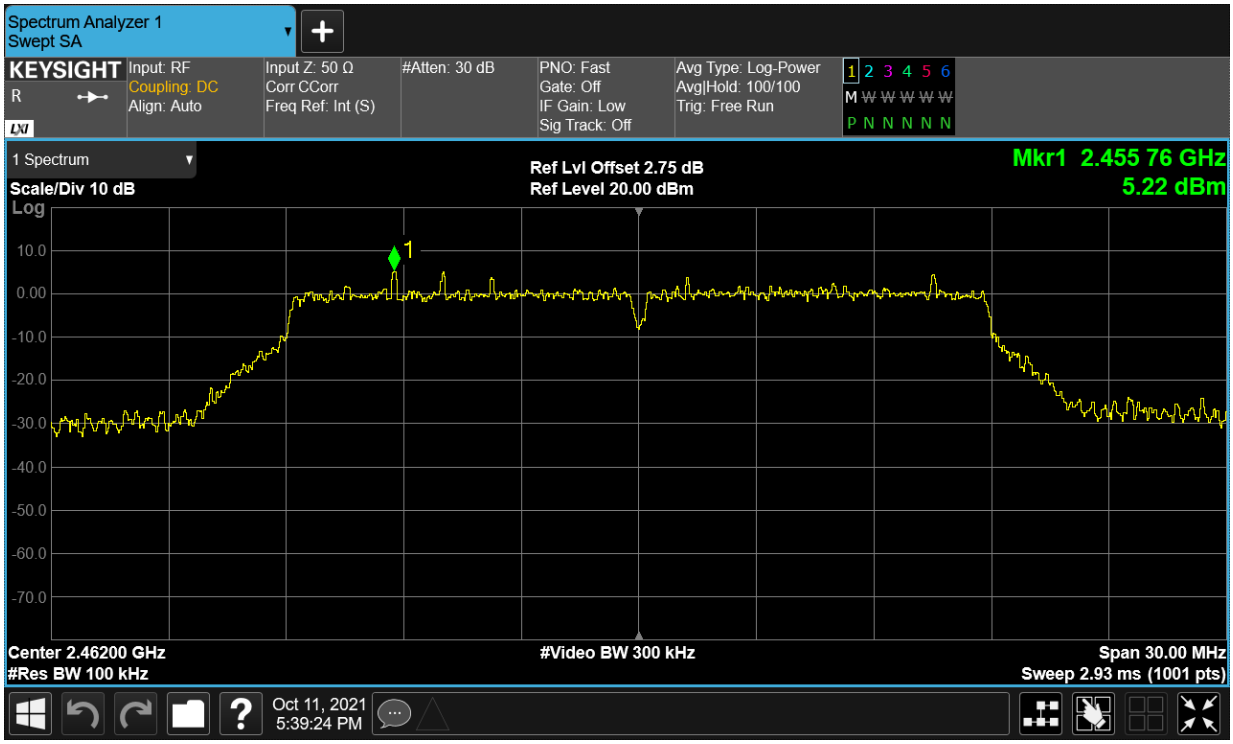

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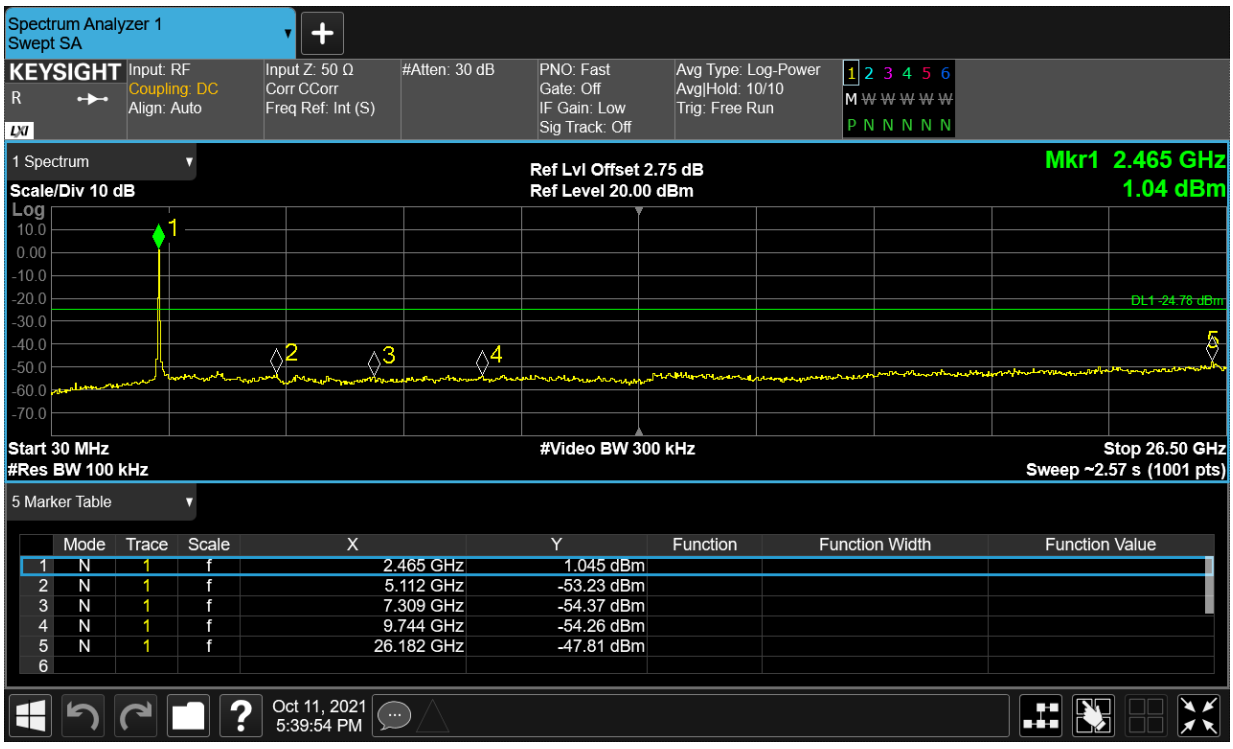

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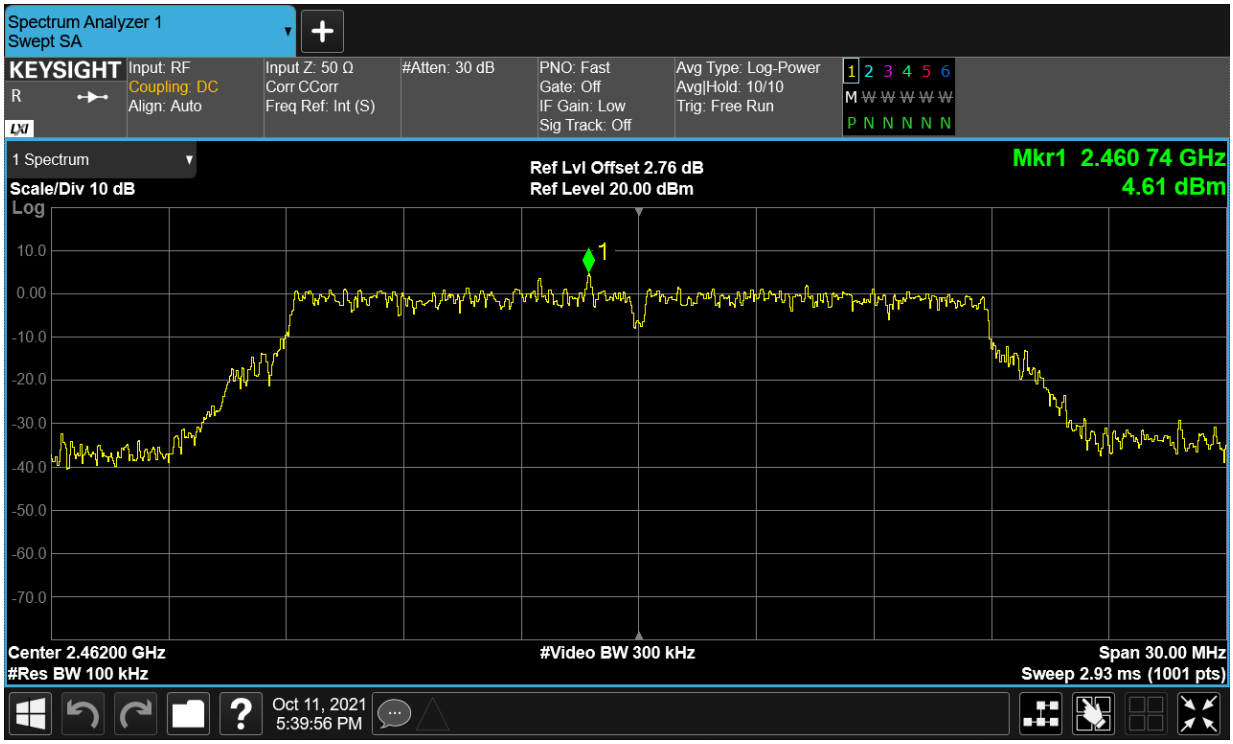
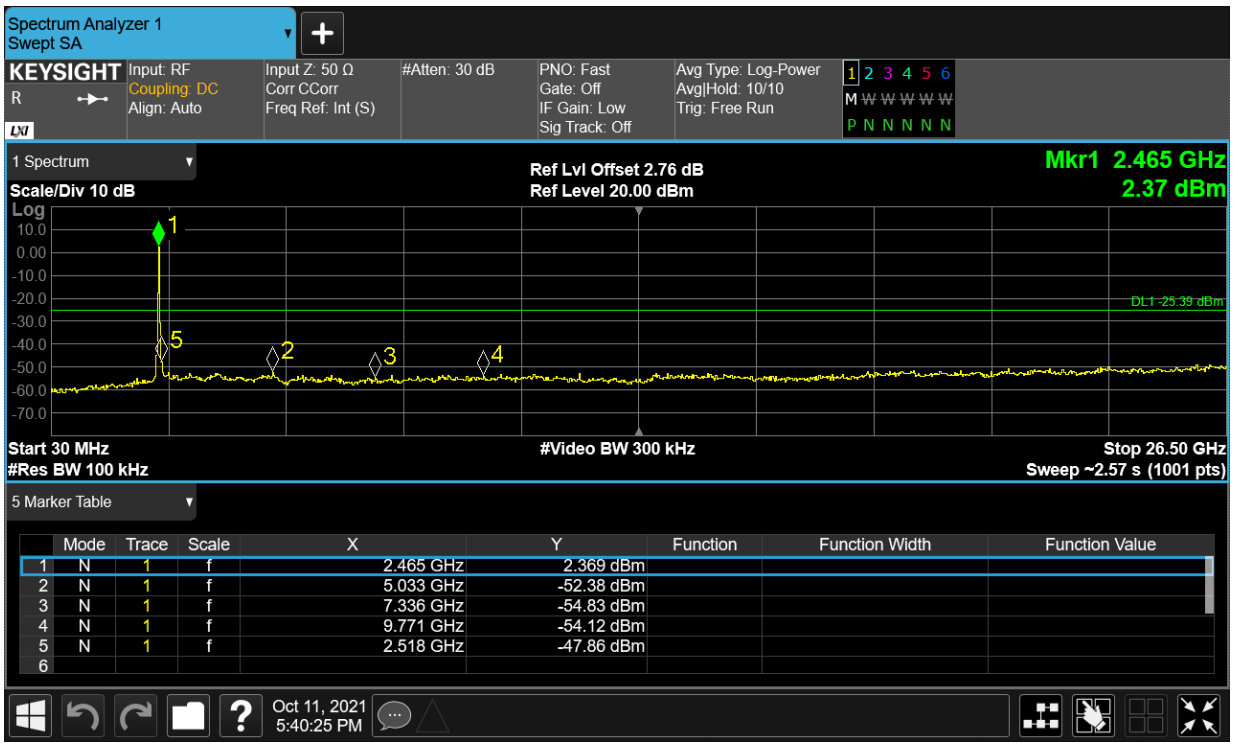
Tx. Spurious NVNT n20 2462MHz Ant2 Emission