

**Spectrum Analyzer 1**  
Occupied BW

**KEYSIGHT** Input: RF  
RL → Coupling: DC  
Align: Auto

Input Z: 50 Ω  
Corr CCorr  
Freq Ref: Int (S)  
NFE: Adaptive

Atten: 14 dB  
Preamp: Off

Trig: Free Run  
Gate: Off  
#F Gain: Low

Center Freq: 1.74500000 GHz  
Avg/Hold: 500/500  
Radio Std: None

**Frequency**  
Center Frequency  
1.745000000 GHz

**Settings**  
Span  
20.000 MHz  
CF Step  
2.000000 MHz  
Auto  
Man  
Freq Offset  
0 Hz

**1 Graph**  
Scale/Div 10.0 dB  
Log  
Ref Lvl Offset 27.30 dB  
Ref Value 40.00 dBm  
PEAK

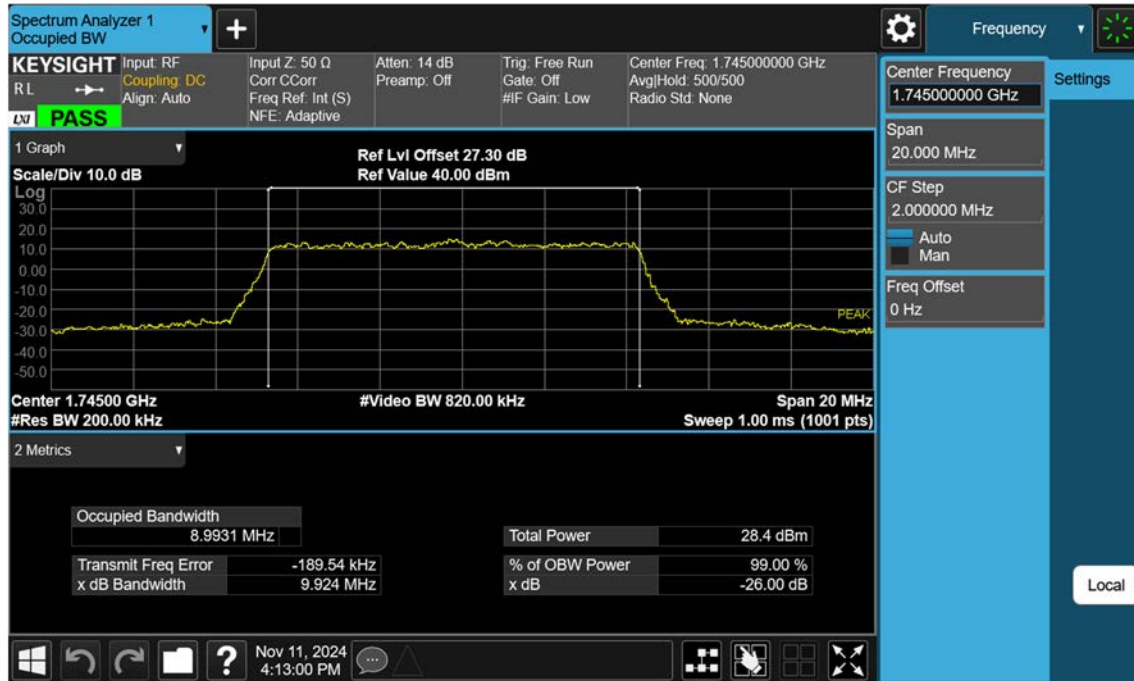
Center 1.74500 GHz  
#Res BW 200.00 kHz  
#Video BW 820.00 kHz  
Span 20 MHz  
Sweep 1.00 ms (1001 pts)

**2 Metrics**

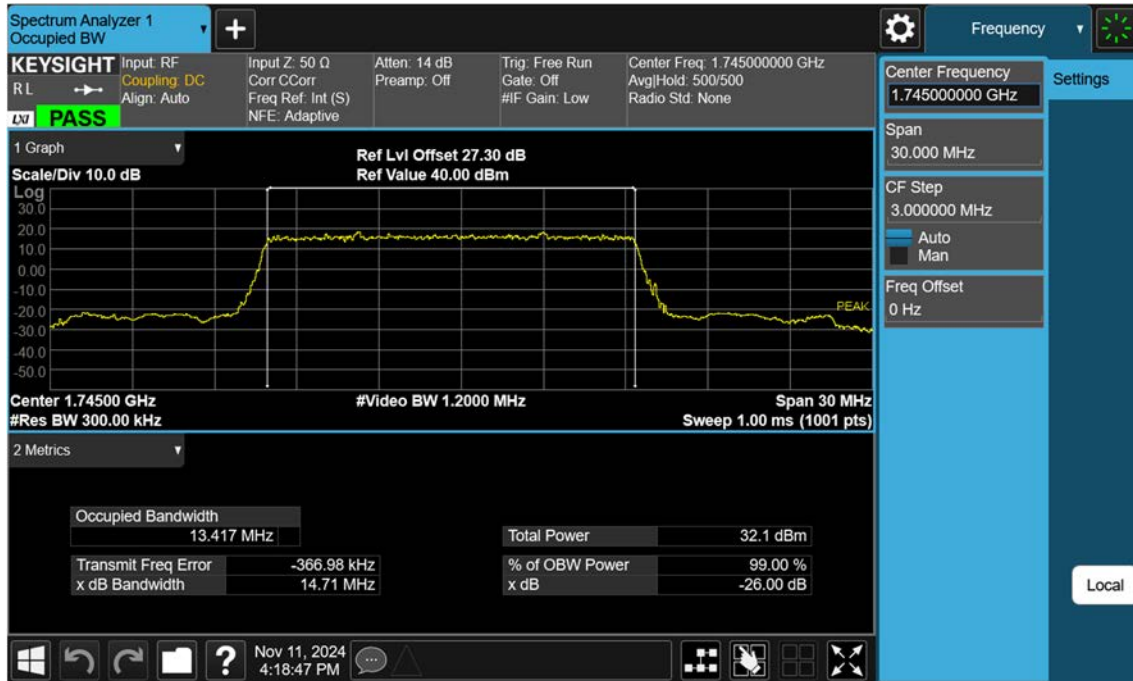
Occupied Bandwidth	9.0022 MHz	Total Power	30.5 dBm
Transmit Freq Error	-176.40 kHz	% of OBW Power	99.00 %
x dB Bandwidth	9.934 MHz	x dB	-26.00 dB

Nov 11, 2024  
4:12:36 PM

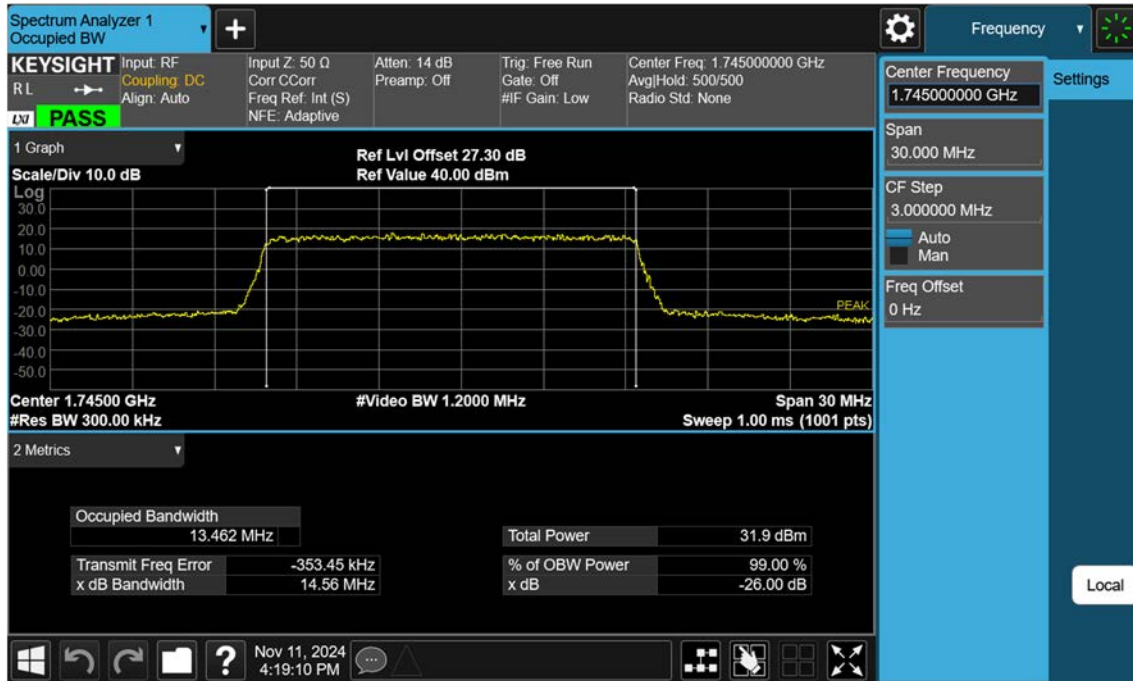
## NR66\_10 M\_OBW\_Mid\_256QAM\_FullRB



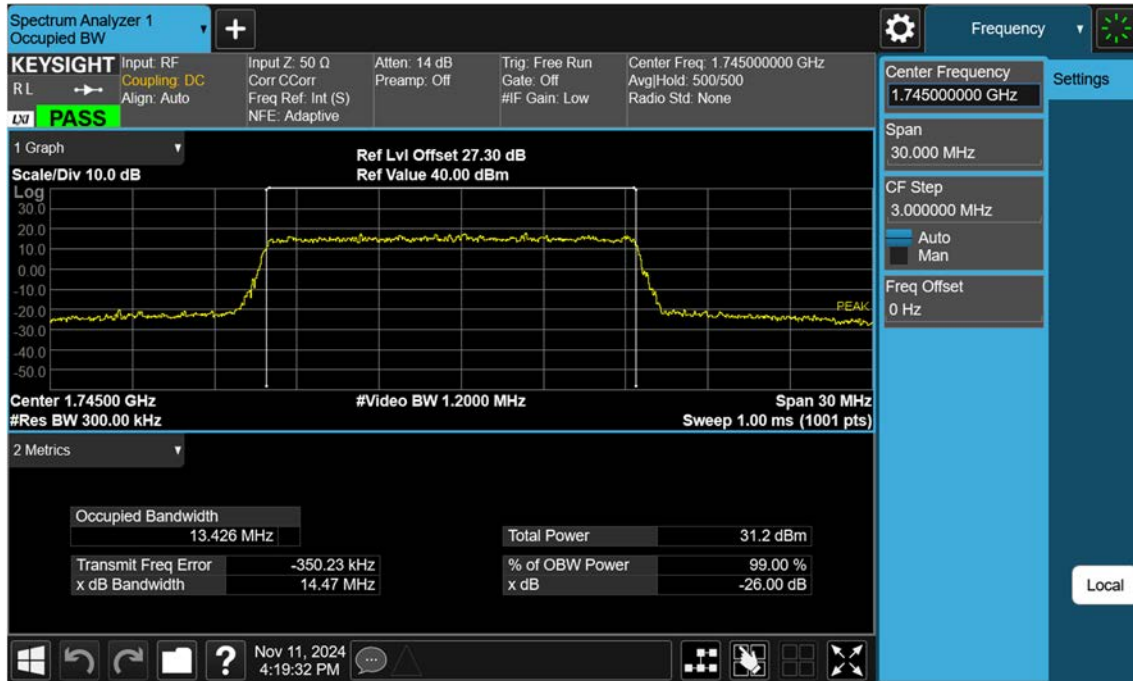
## NR66\_15 M\_OBW\_Mid\_BPSK\_FullRB



## NR66\_15 M\_OBW\_Mid\_QPSK\_FullRB



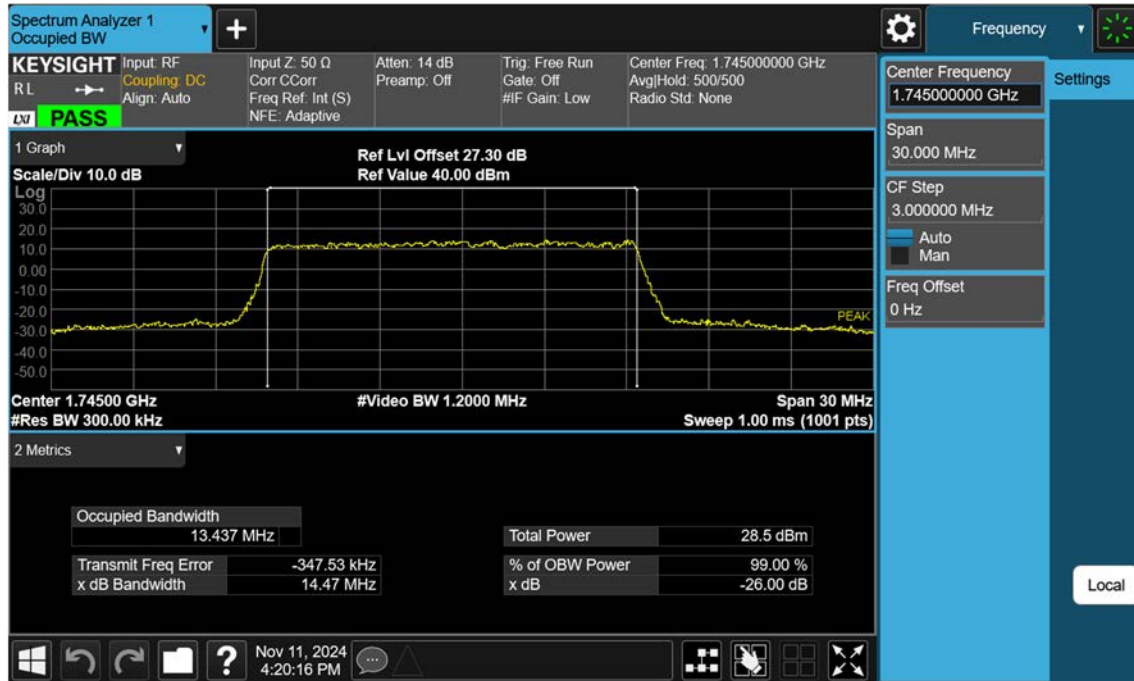
## NR66\_15 M\_OBW\_Mid\_16QAM\_FullRB



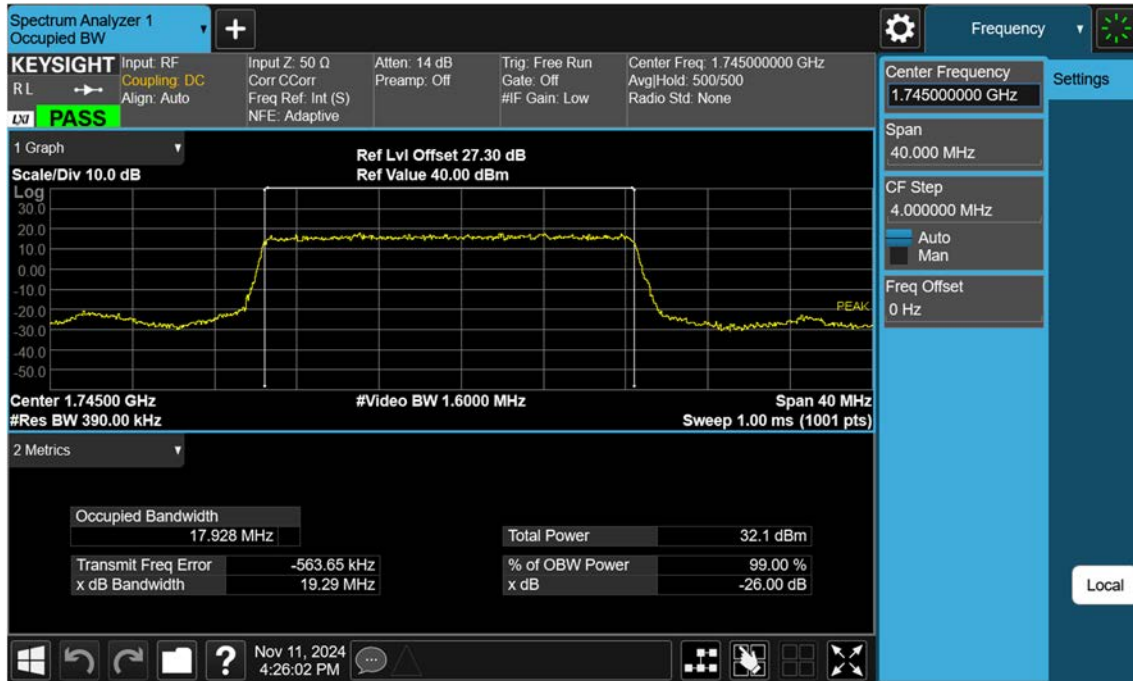
## NR66\_15 M\_OBW\_Mid\_64QAM\_FullRB



## NR66\_15 M\_OBW\_Mid\_256QAM\_FullRB

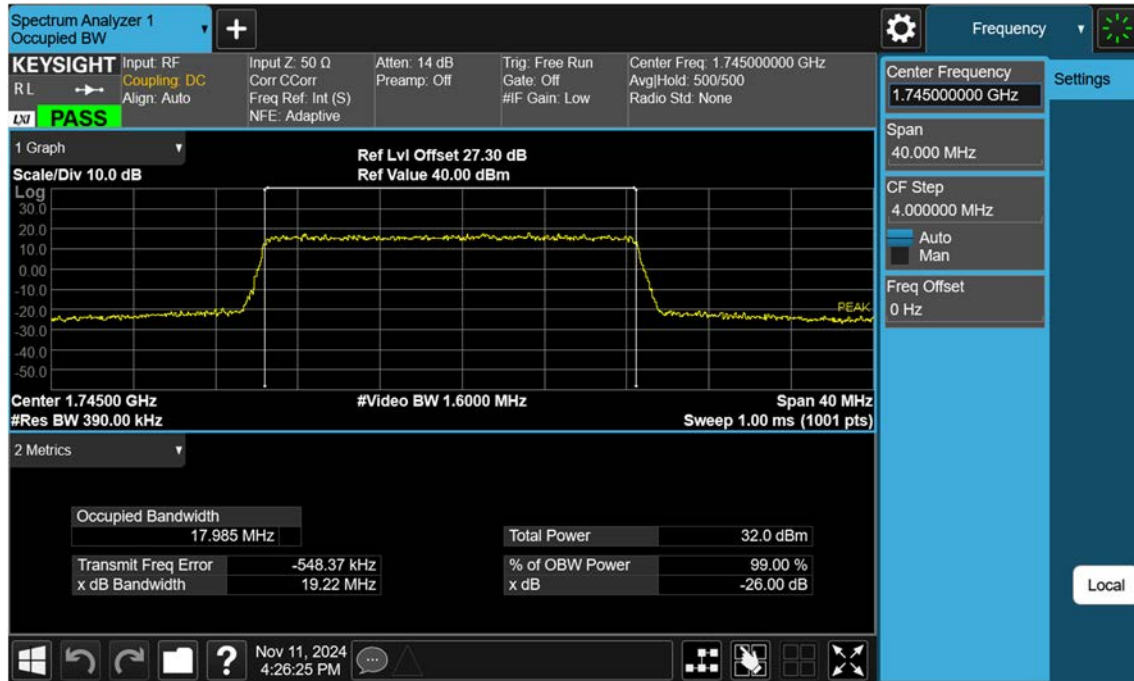


## NR66\_20 M\_OBW\_Mid\_BPSK\_FullRB

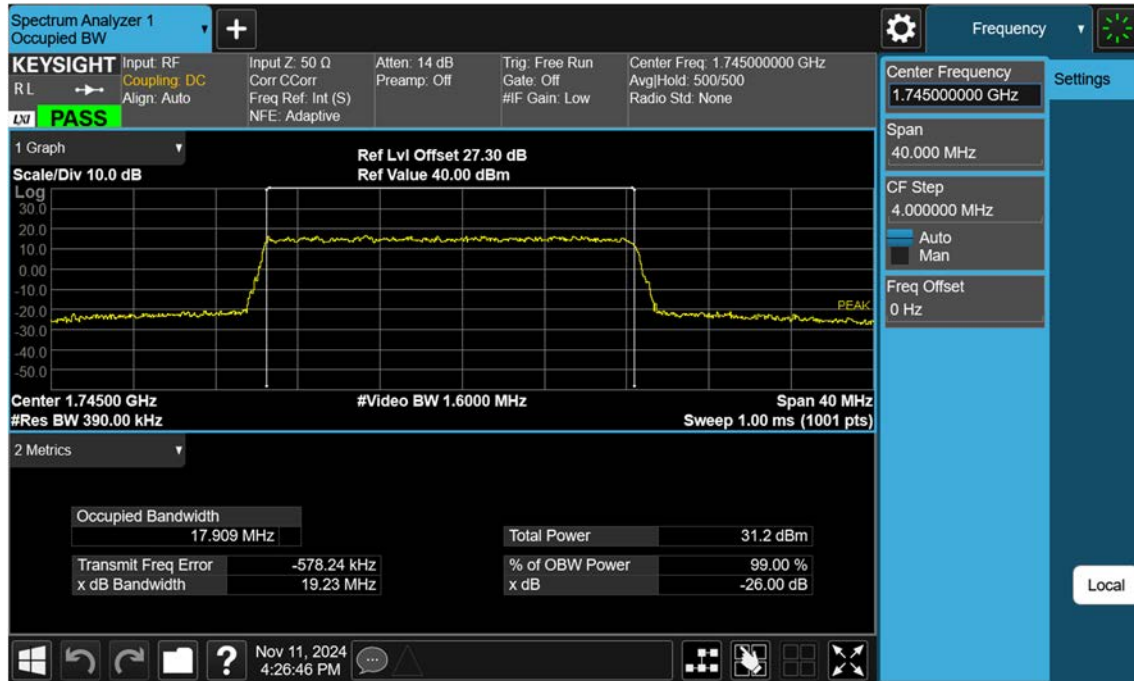




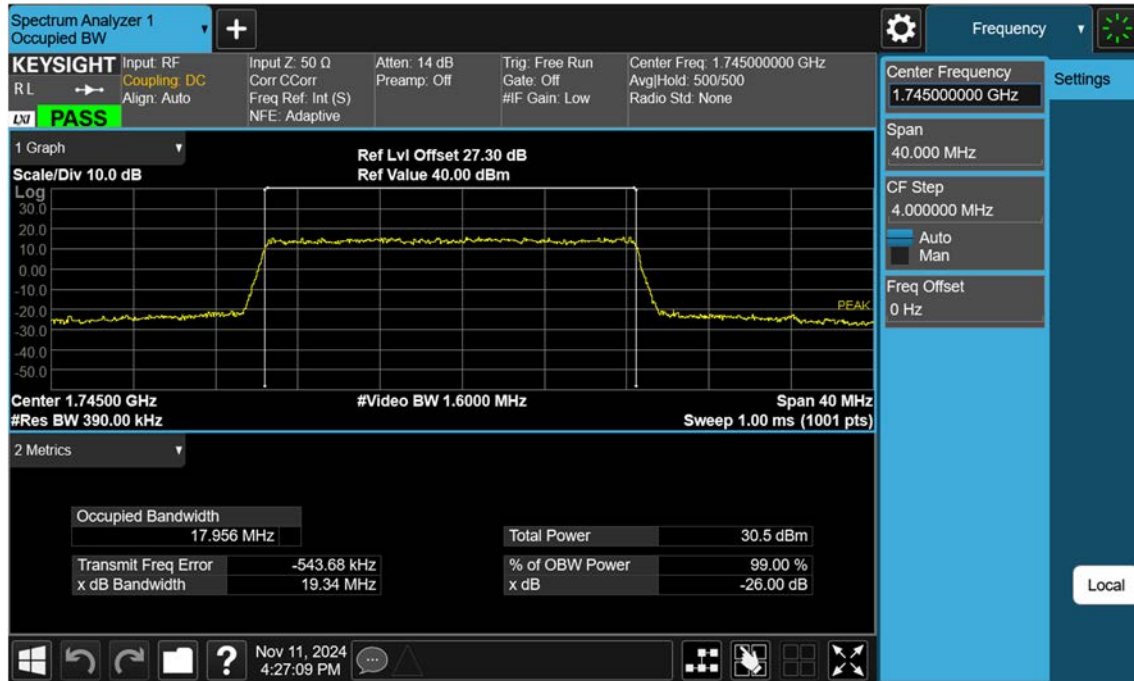
## NR66\_20 M\_OBW\_Mid\_QPSK\_FullIRB



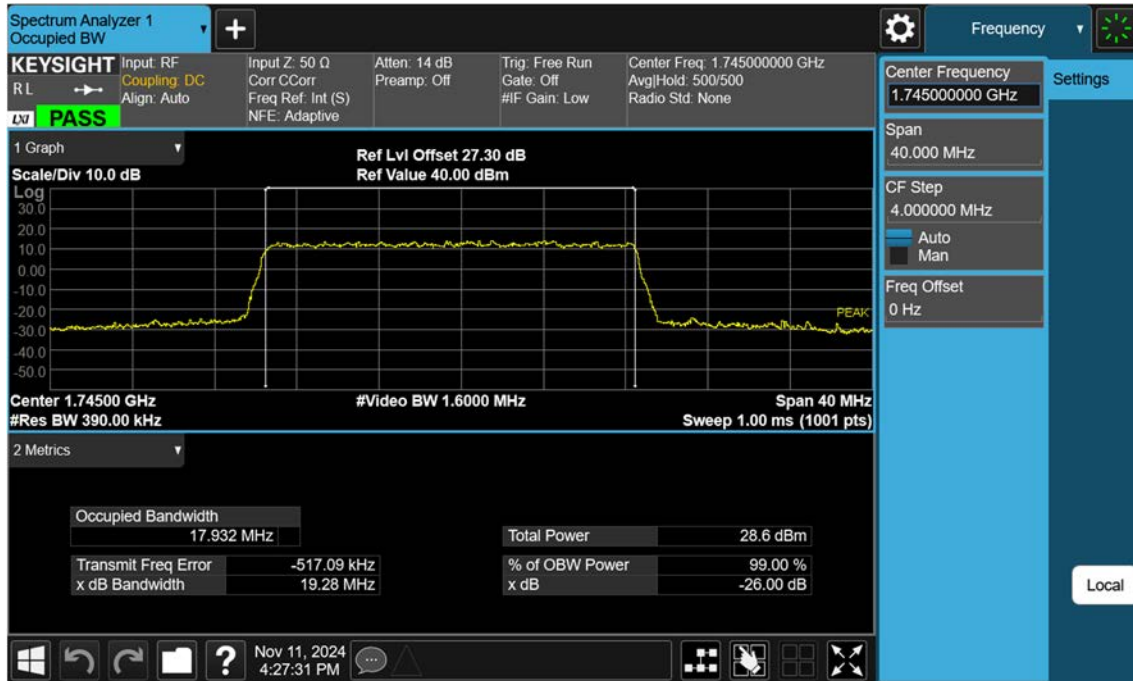
## NR66\_20 M\_OBW\_Mid\_16QAM\_FullRB



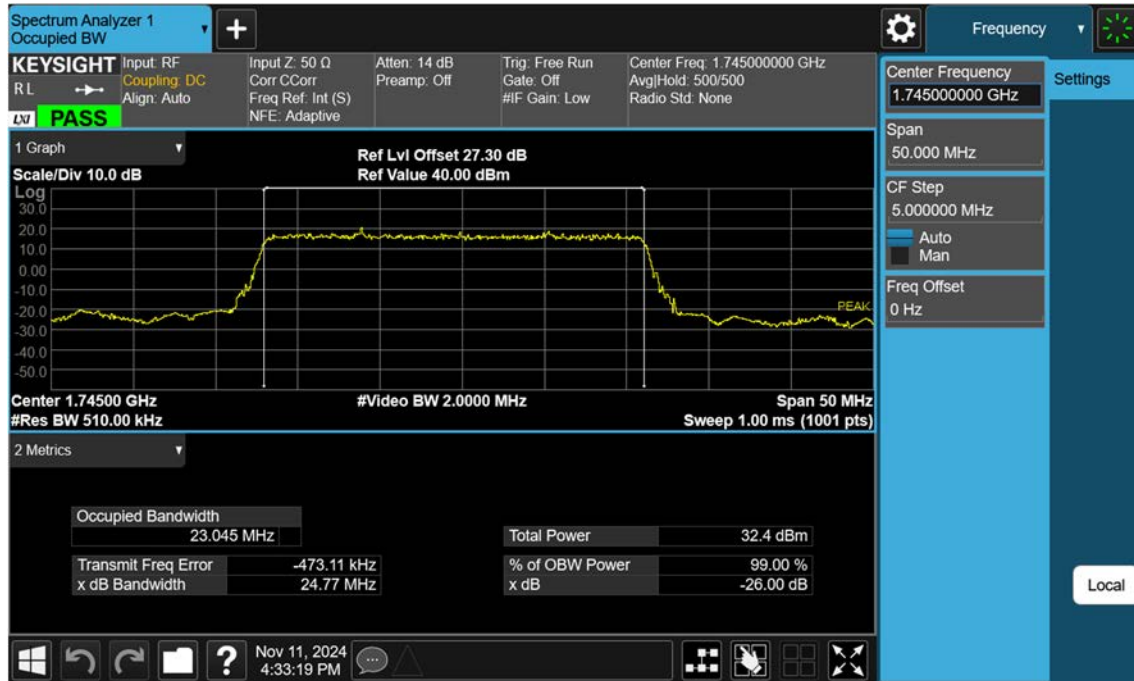
## NR66\_20 M\_OBW\_Mid\_64QAM\_FullRB



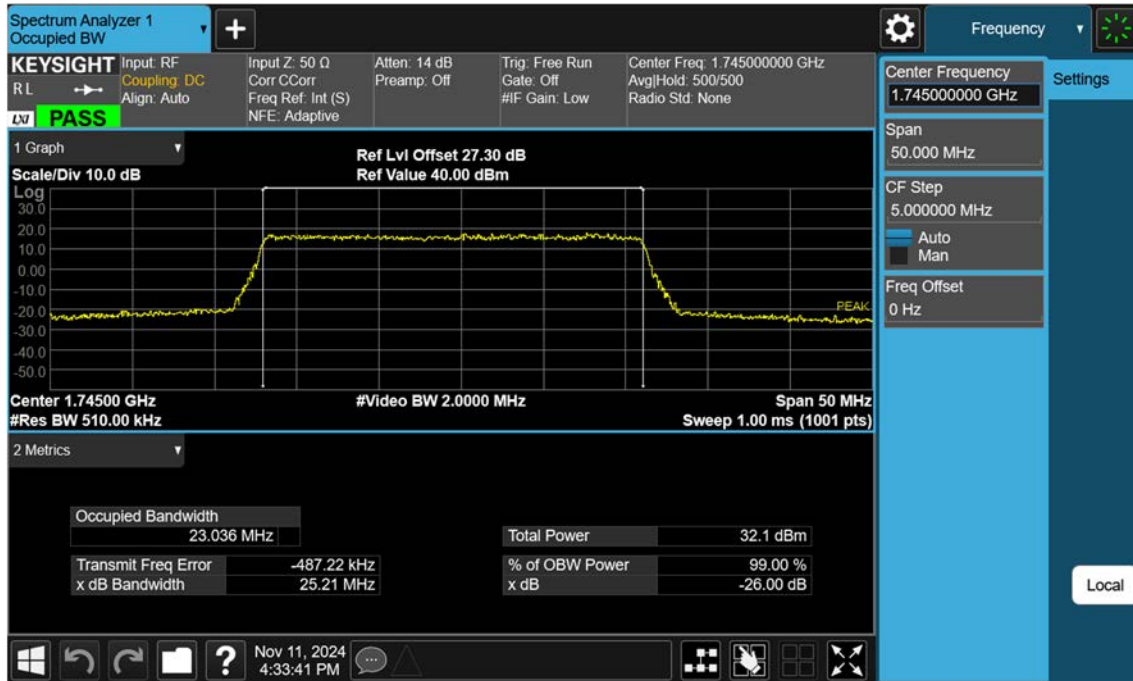
## NR66\_20 M\_OBW\_Mid\_256QAM\_FullRB



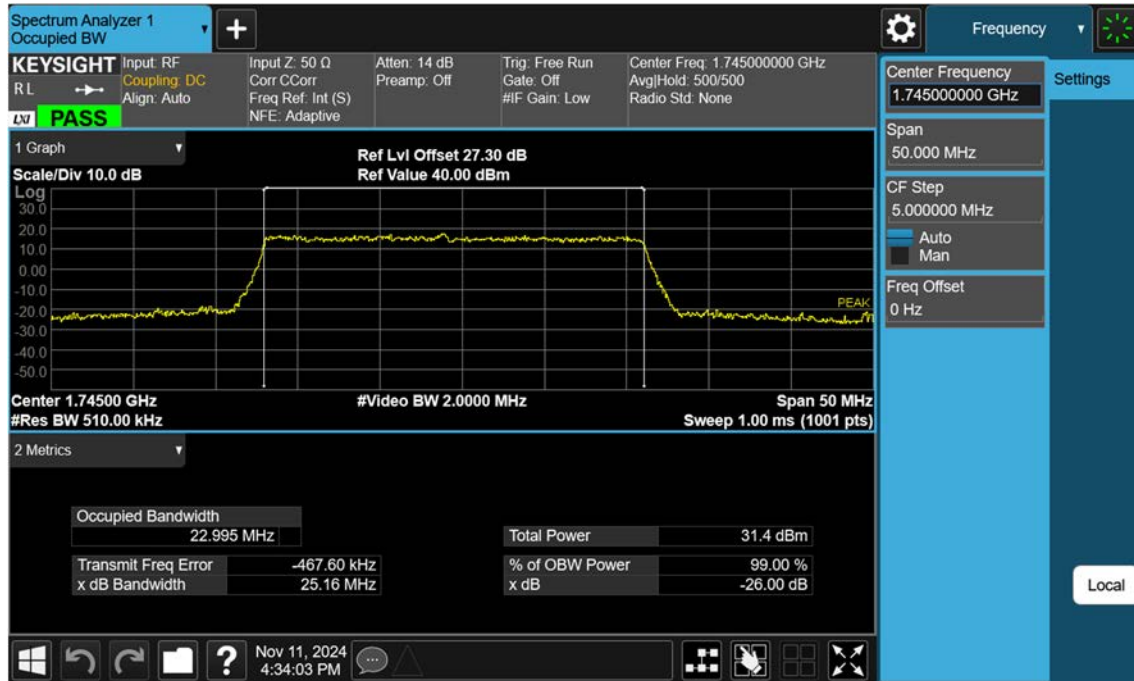
## NR66\_25 M\_OBW\_Mid\_BPSK\_FullRB



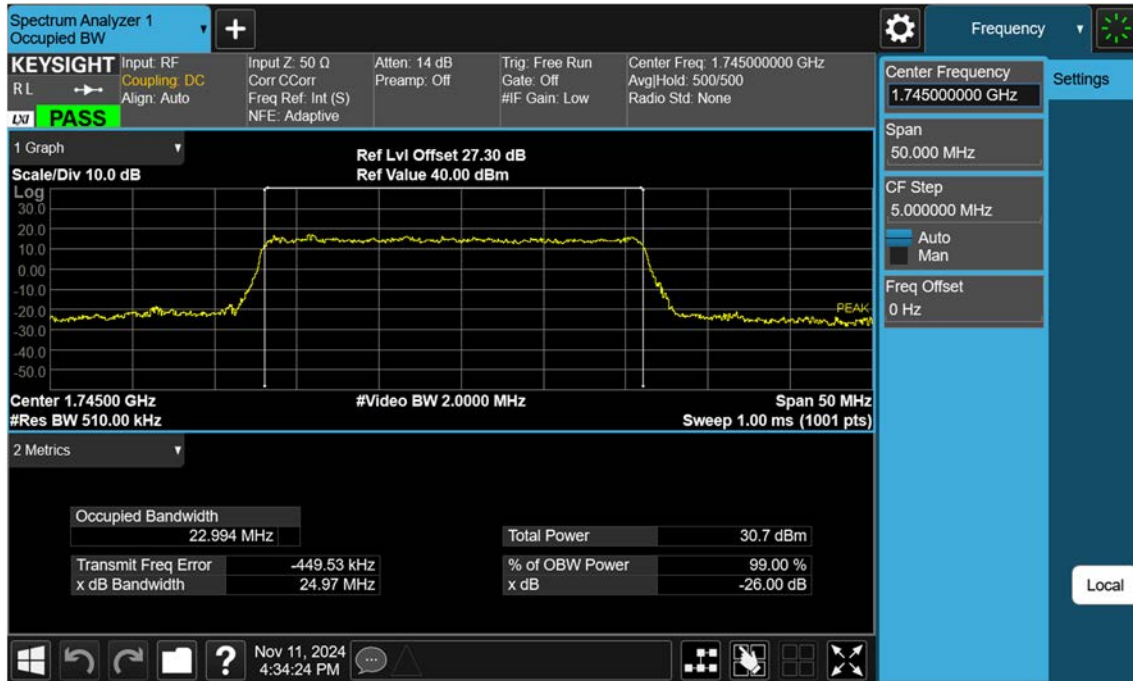
## NR66\_25 M\_OBW\_Mid\_QPSK\_FullRB



## NR66\_25 M\_OBW\_Mid\_16QAM\_FullRB



## NR66\_25 M\_OBW\_Mid\_64QAM\_FullRB





## NR66\_25 M\_OBW\_Mid\_256QAM\_FullRB



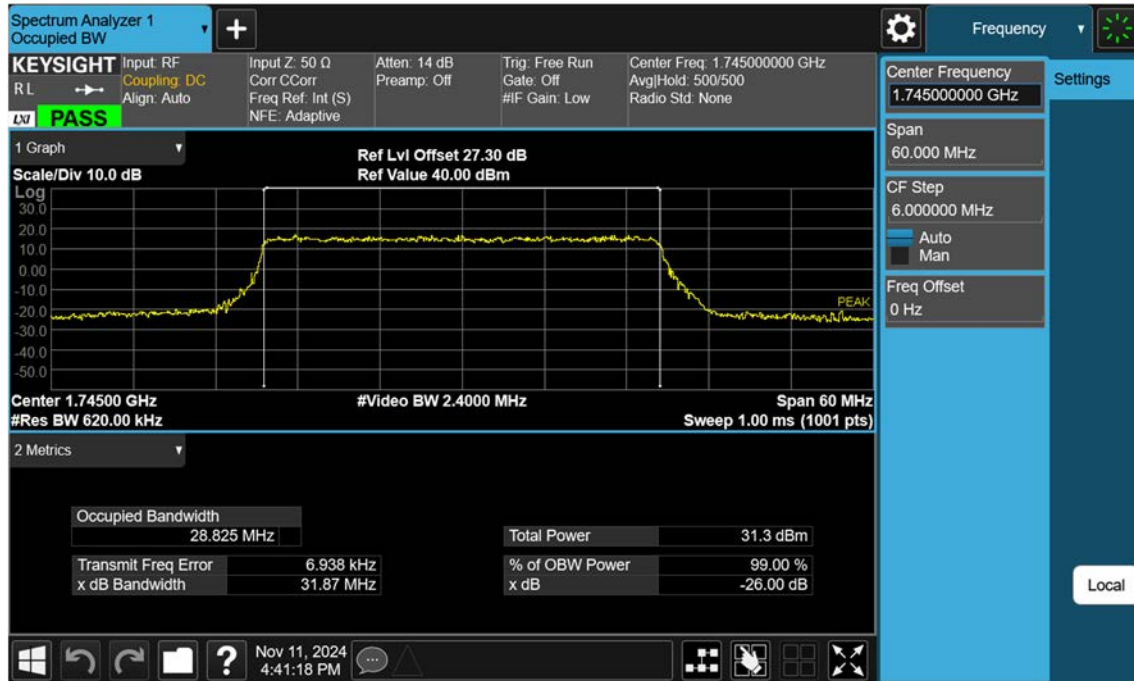
## NR66\_30 M\_OBW\_Mid\_BPSK\_FullRB



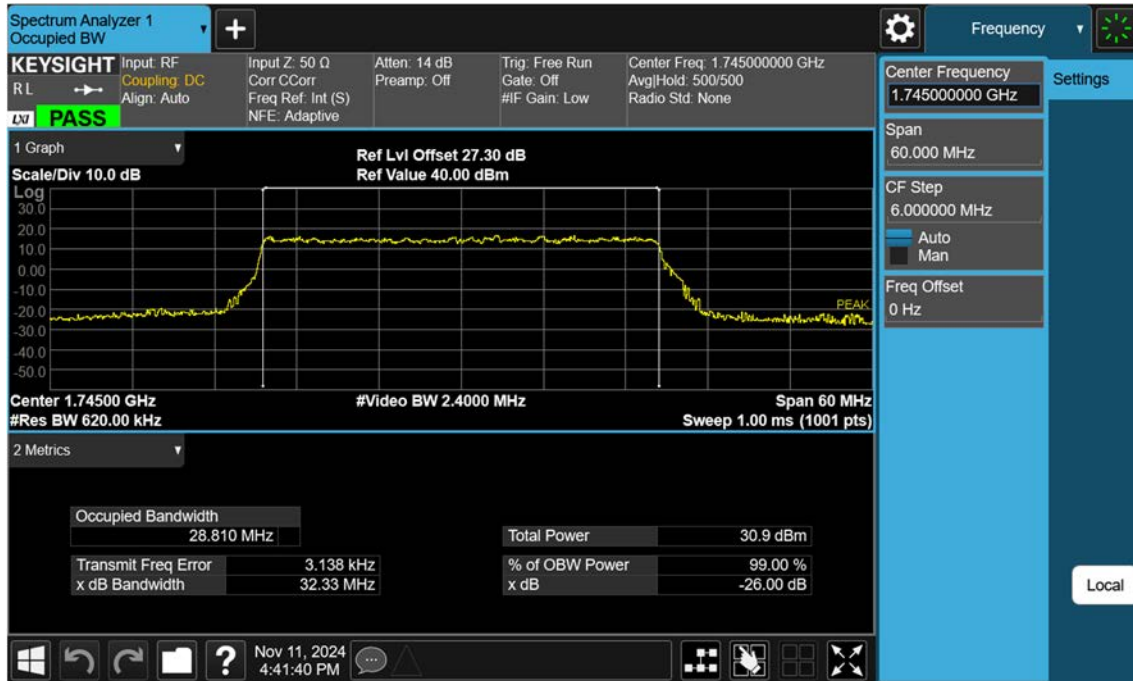
## NR66\_30 M\_OBW\_Mid\_QPSK\_FullRB



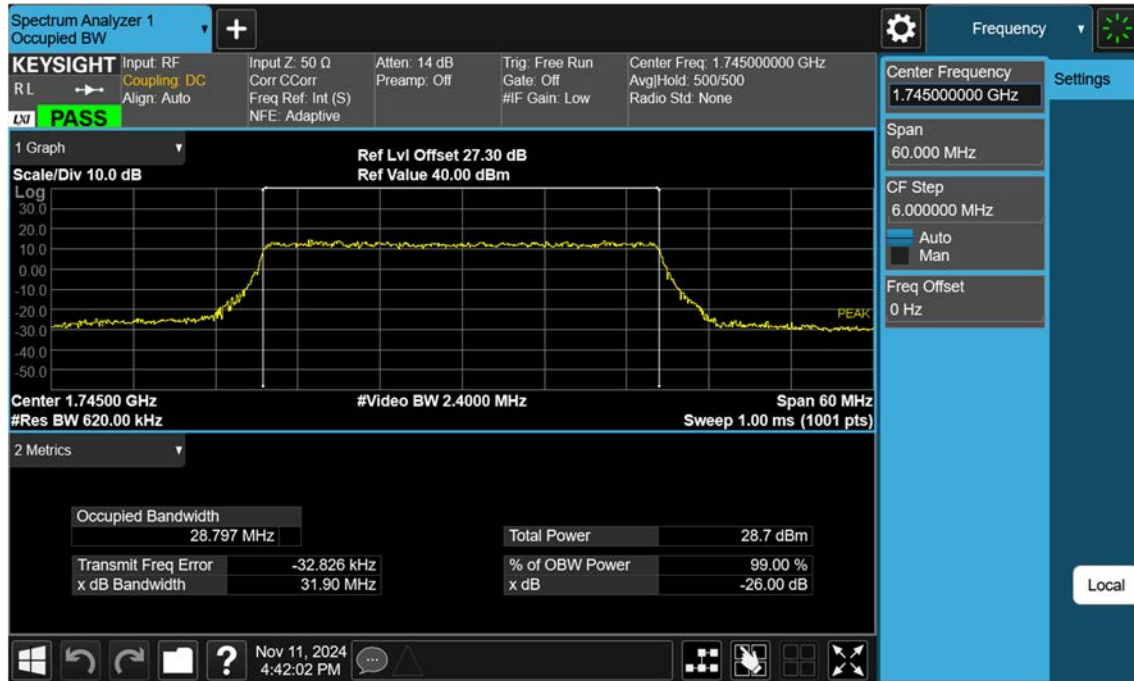
## NR66\_30 M\_OBW\_Mid\_16QAM\_FullRB



## NR66\_30 M\_OBW\_Mid\_64QAM\_FullRB



## NR66\_30 M\_OBW\_Mid\_256QAM\_FullRB



## NR66\_40 M\_OBW\_Mid\_BPSK\_FullRB



## NR66\_40 M\_OBW\_Mid\_QPSK\_FullIRB





## NR66\_40 M\_OBW\_Mid\_16QAM\_FullRB



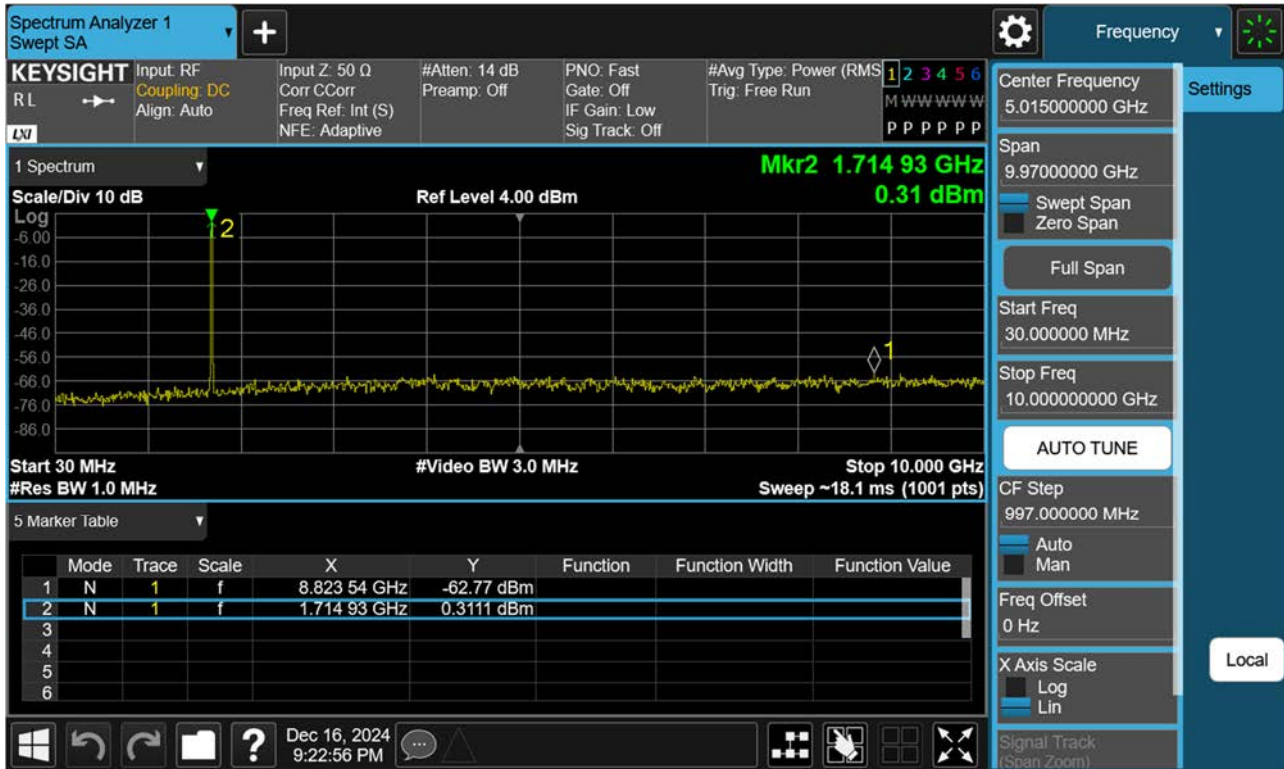
## NR66\_40 M\_OBW\_Mid\_64QAM\_FullRB



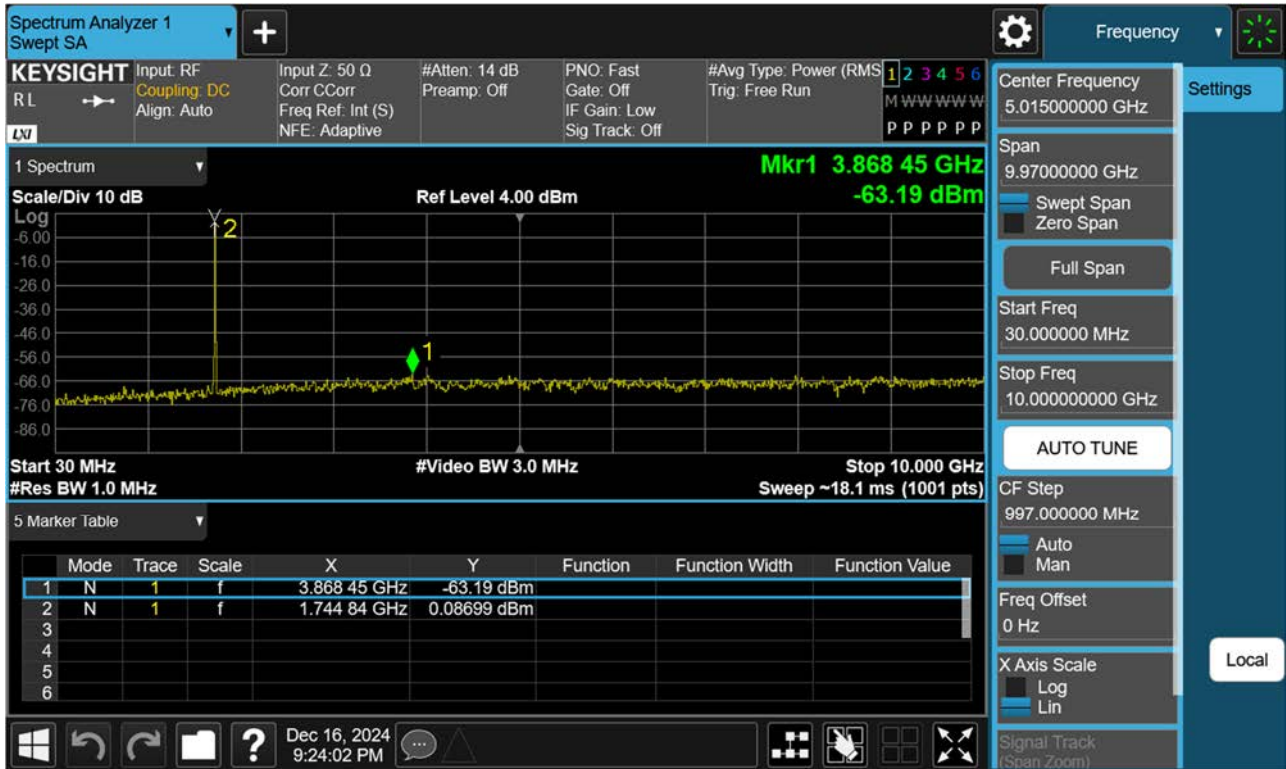
## NR66\_40 M\_OBW\_Mid\_256QAM\_FullRB



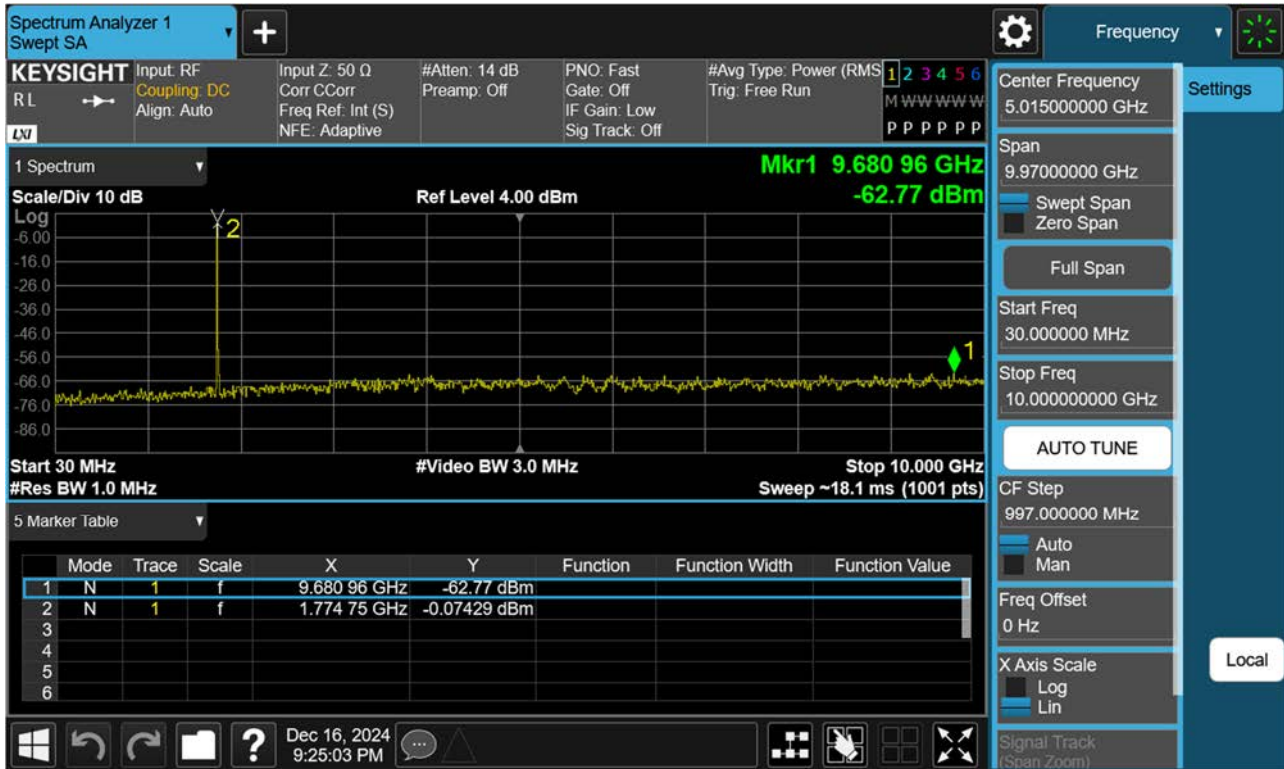
## NR66\_5 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



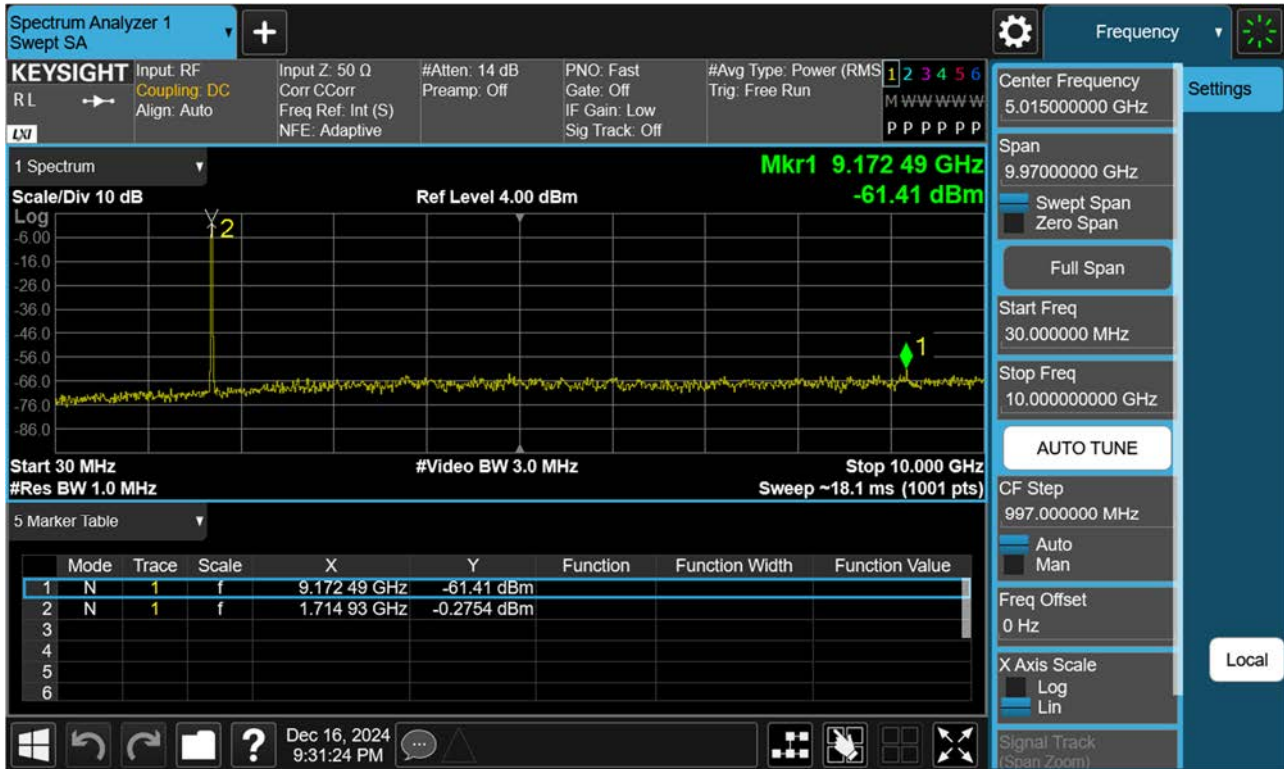
## NR66\_5 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



## NR66\_5 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB

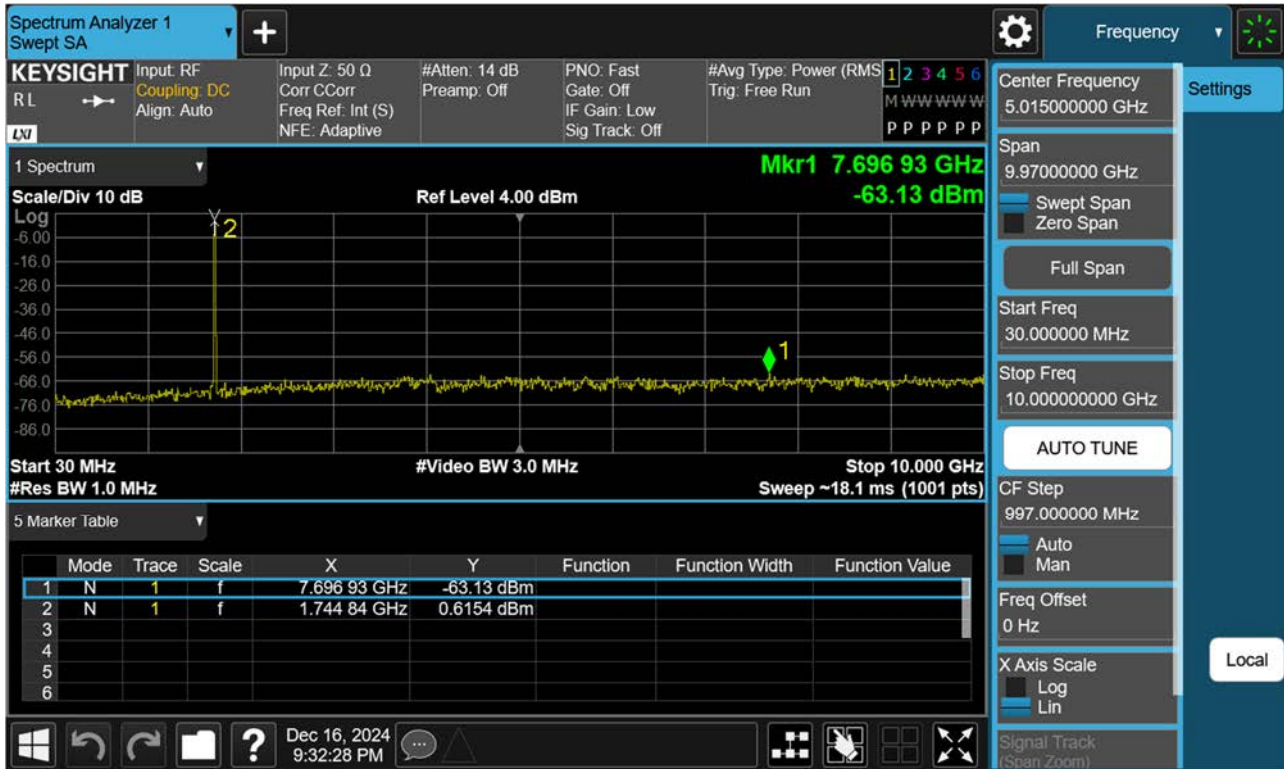


## NR66\_10 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



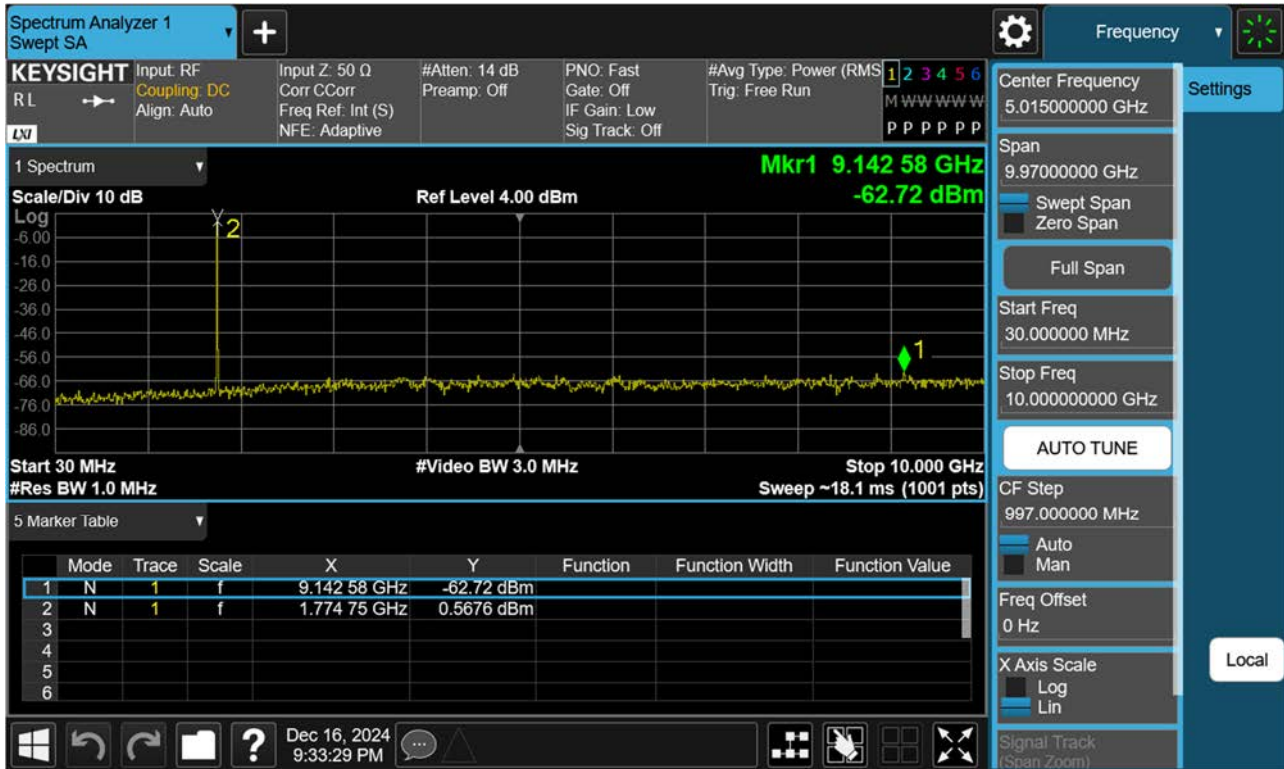


## NR66\_10 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB

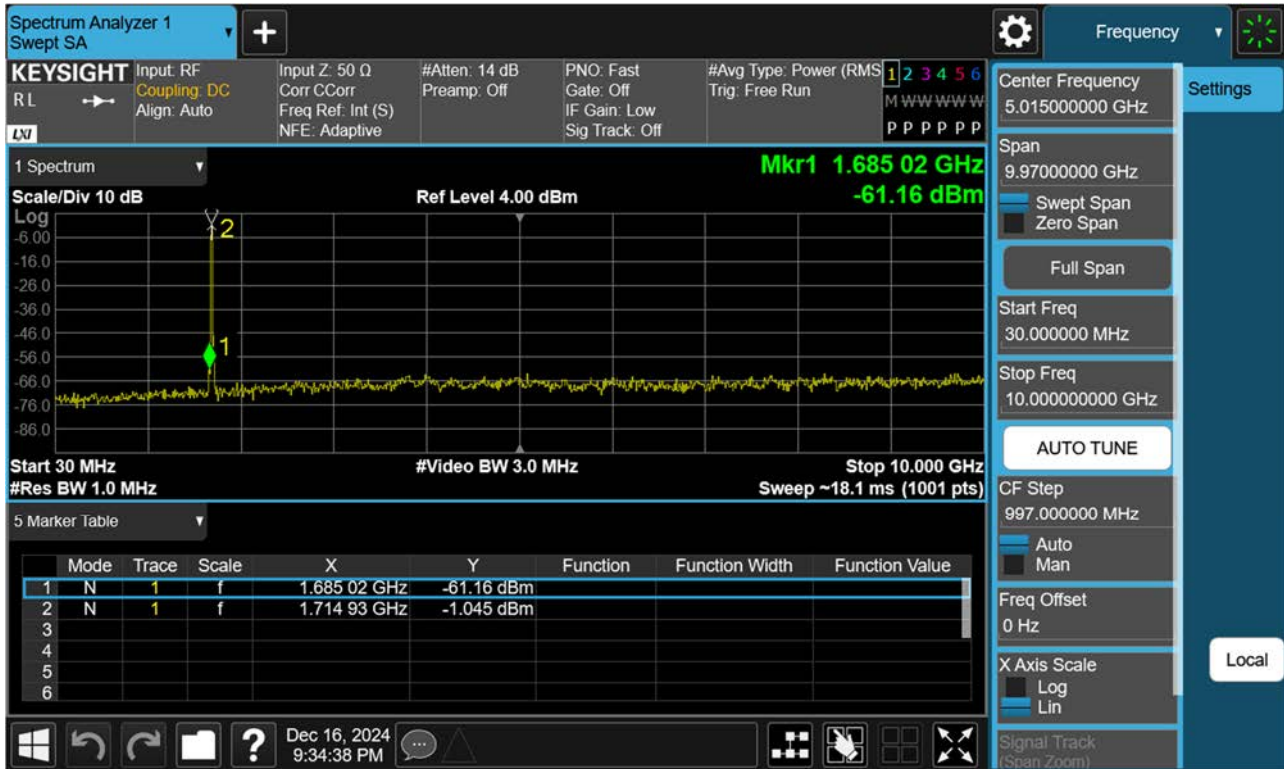




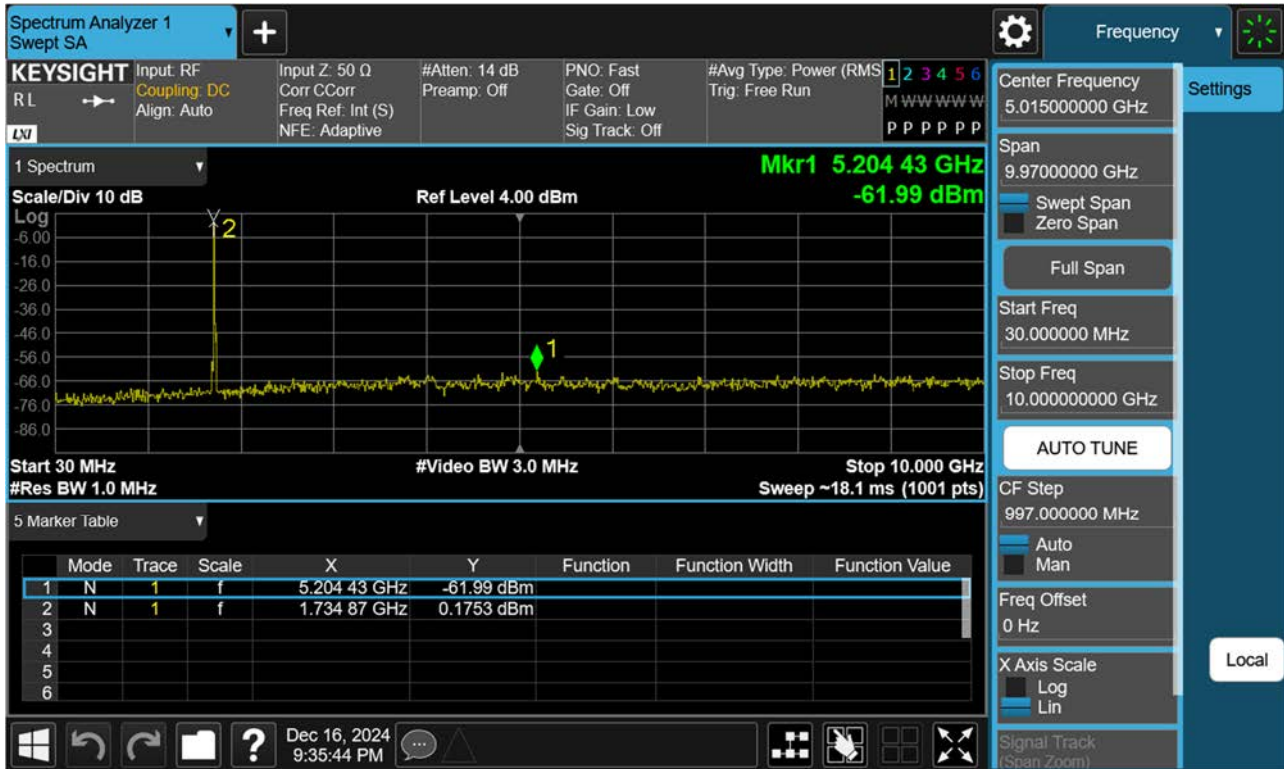
## NR66\_10 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



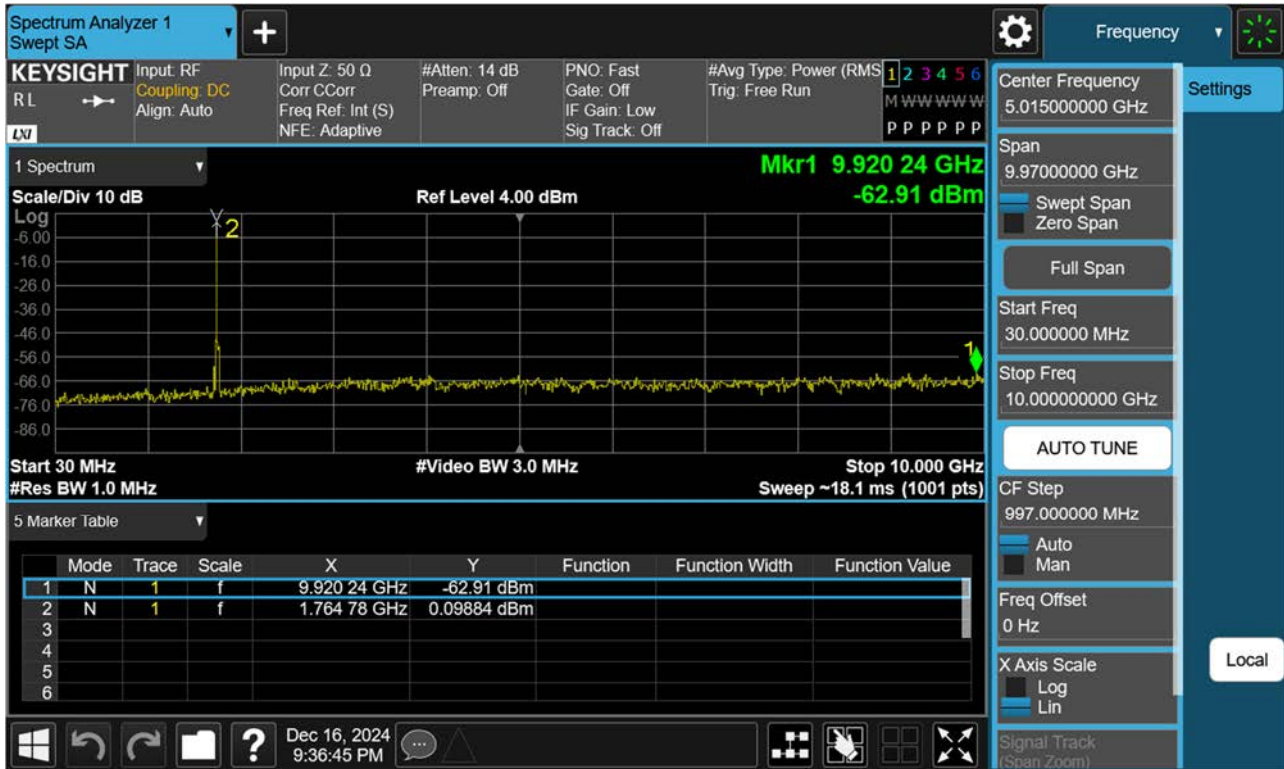
## NR66\_15 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



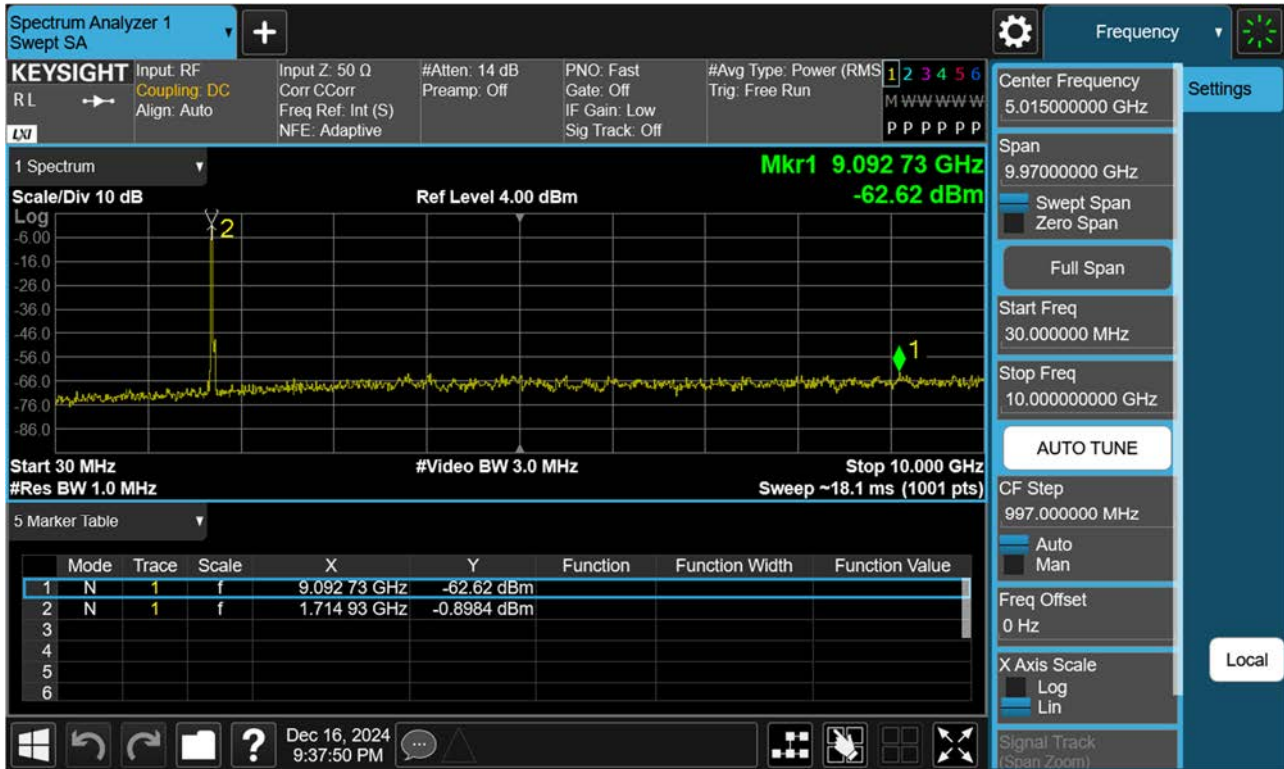
## NR66\_15 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



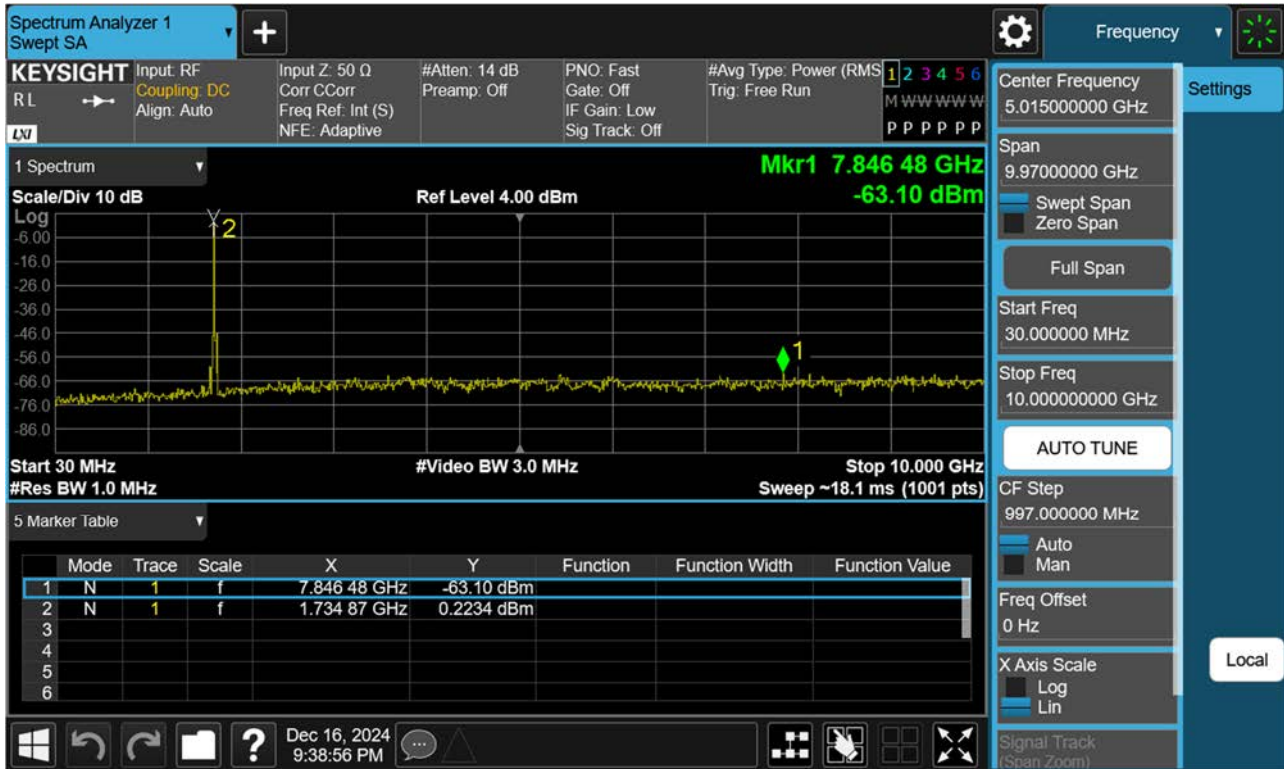
## NR66\_15 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



## NR66\_20 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB

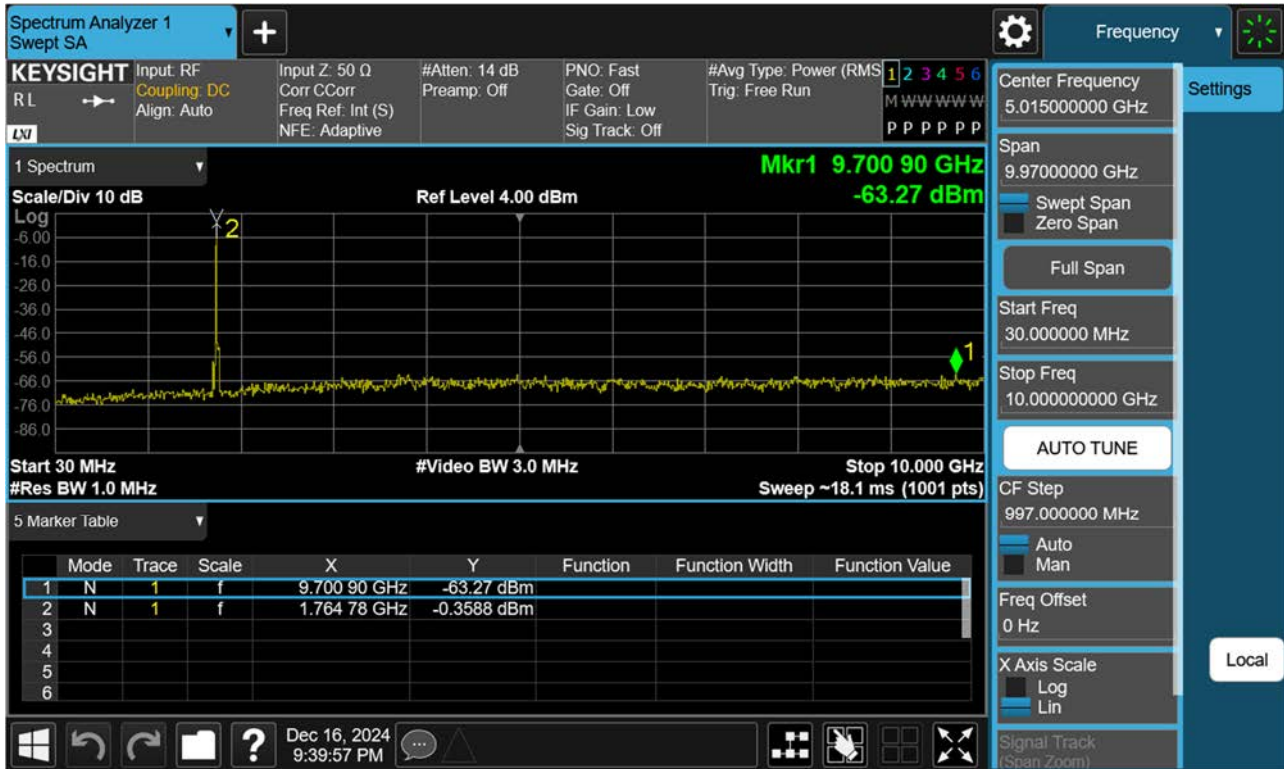


## NR66\_20 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB

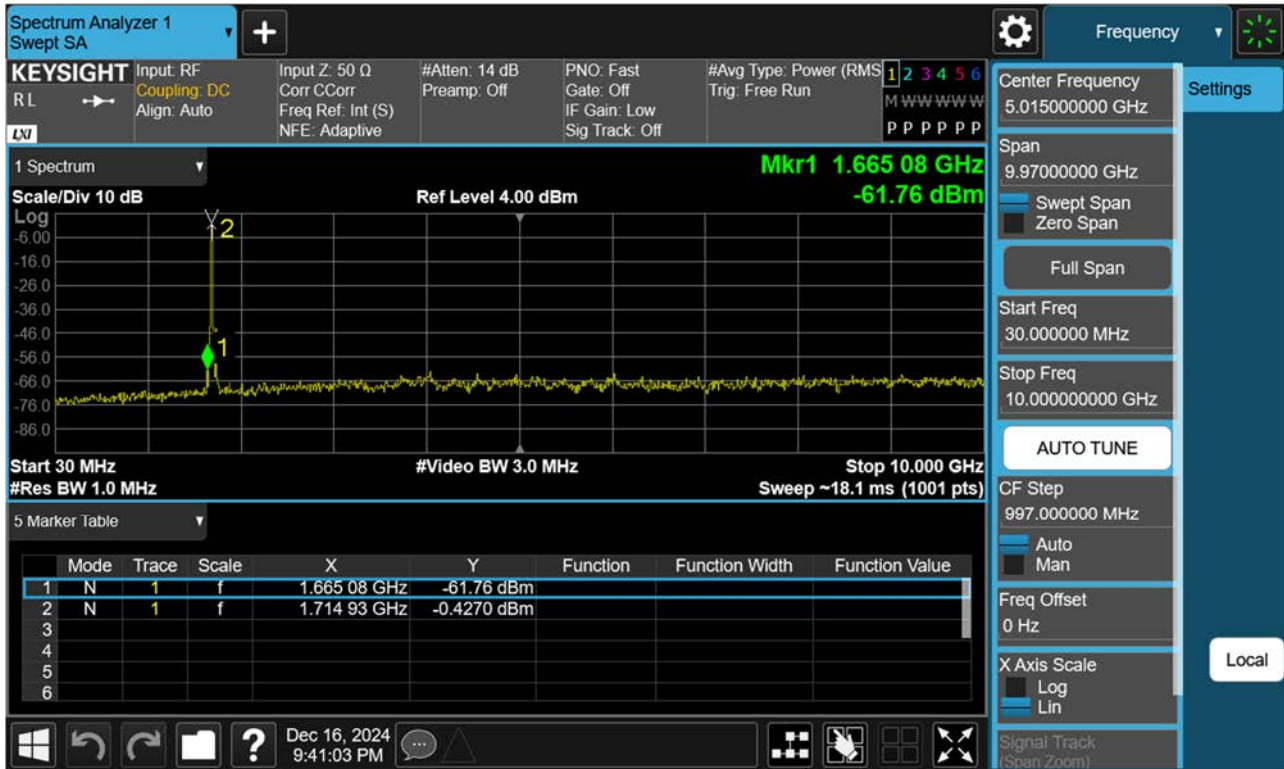




## NR66\_20 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



## NR66\_25 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB

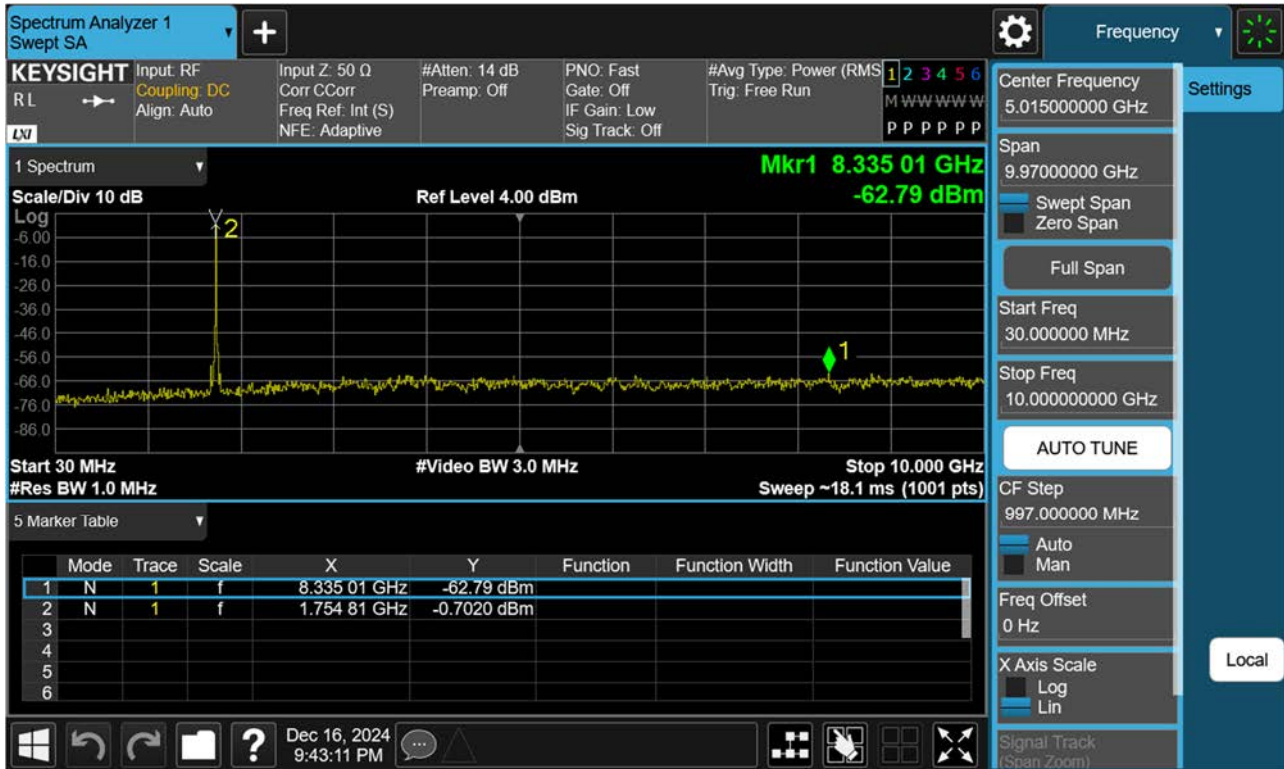




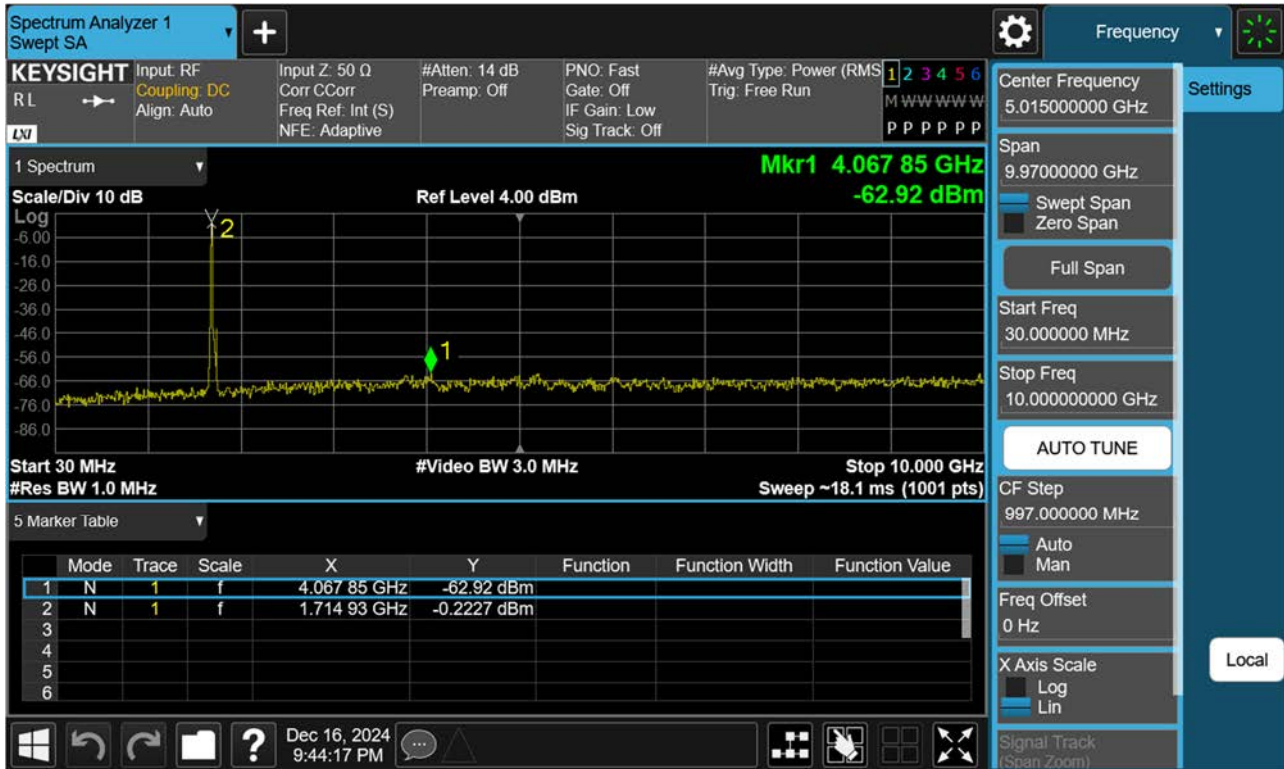
NR66\_25 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



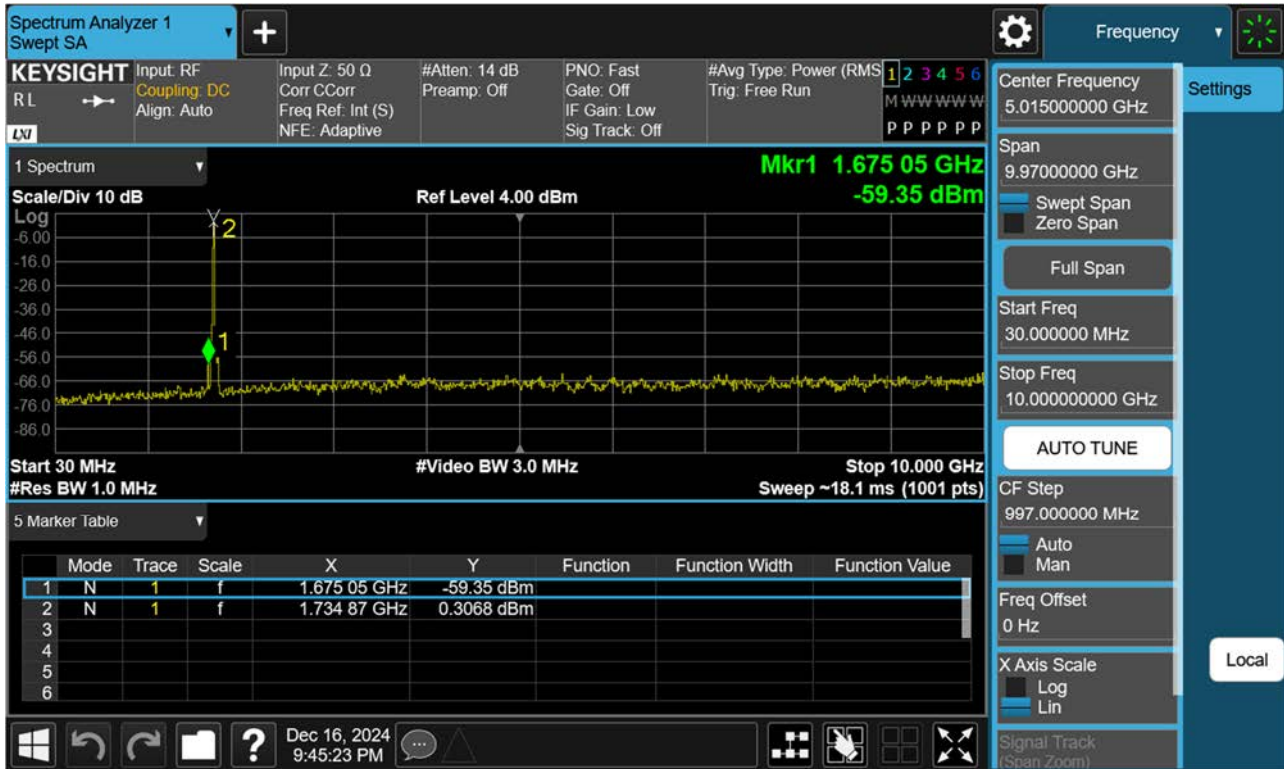
## NR66\_25 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



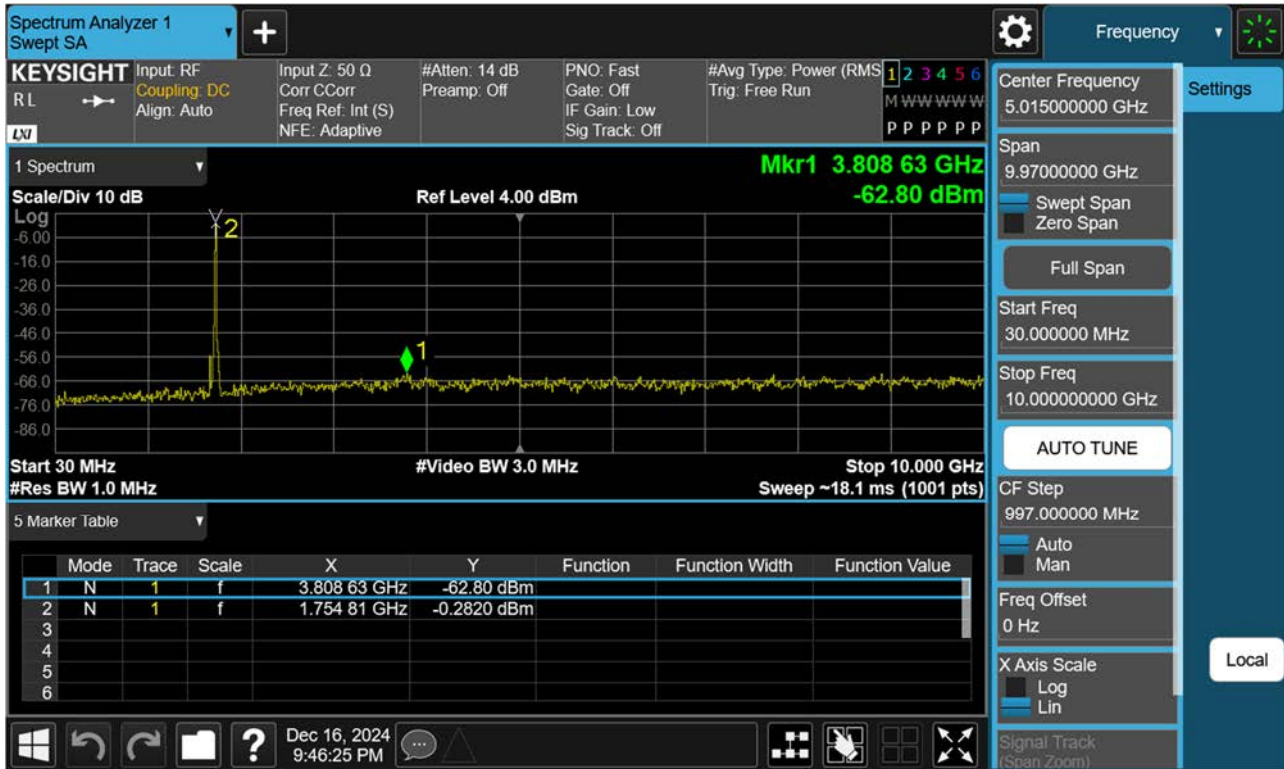
## NR66\_30 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



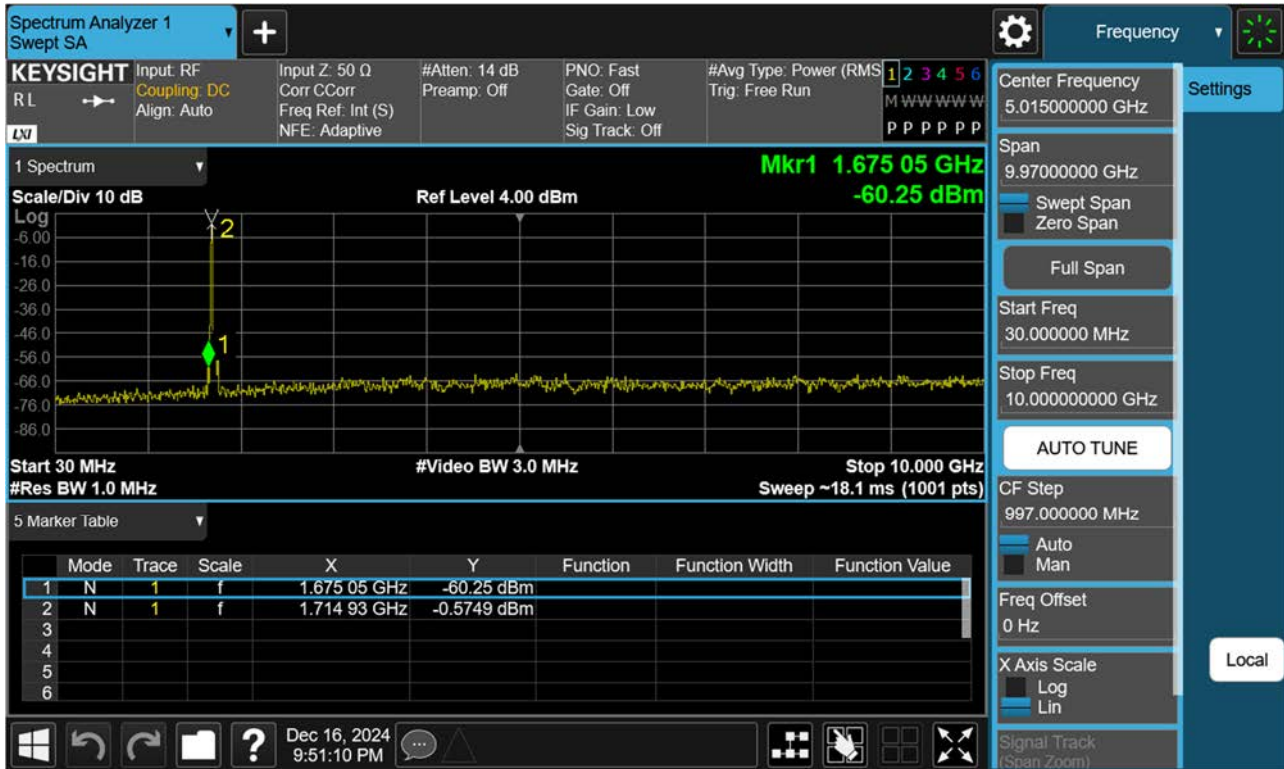
## NR66\_30 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



## NR66\_30 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB

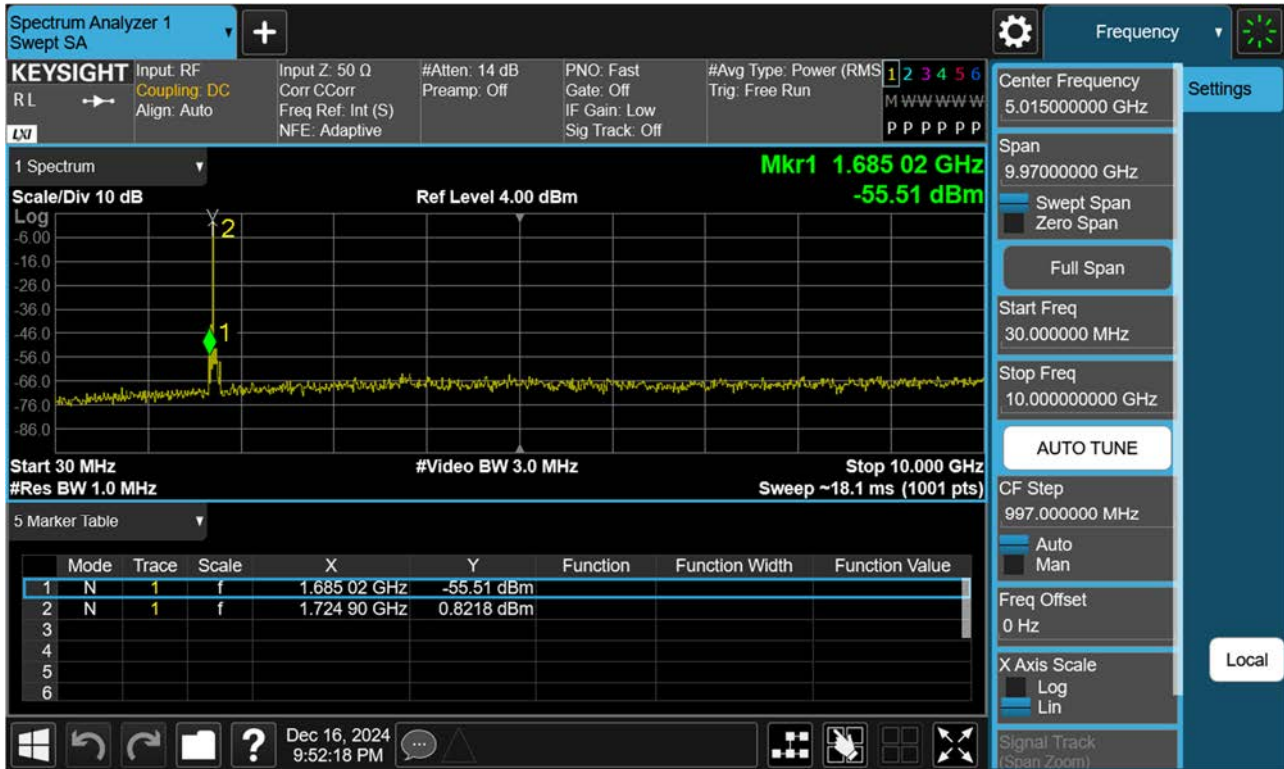


## NR66\_40 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB

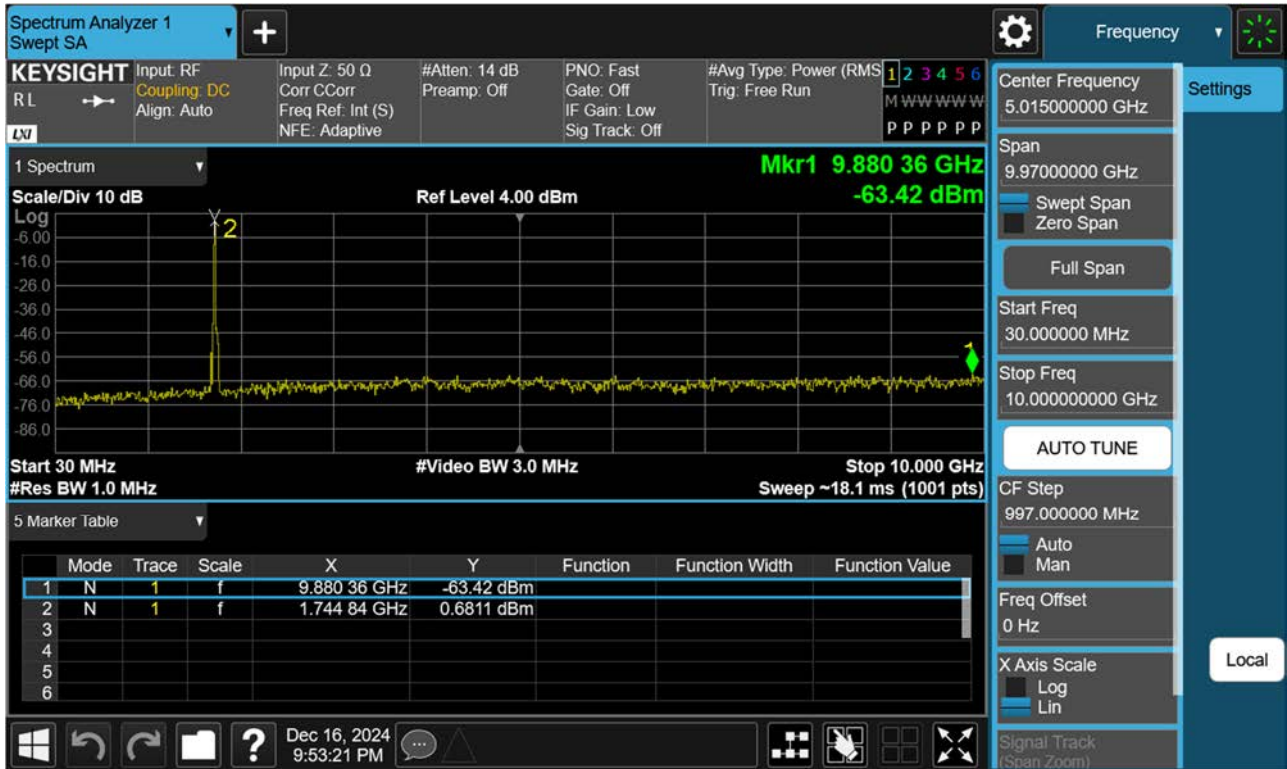




## NR66\_40 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB

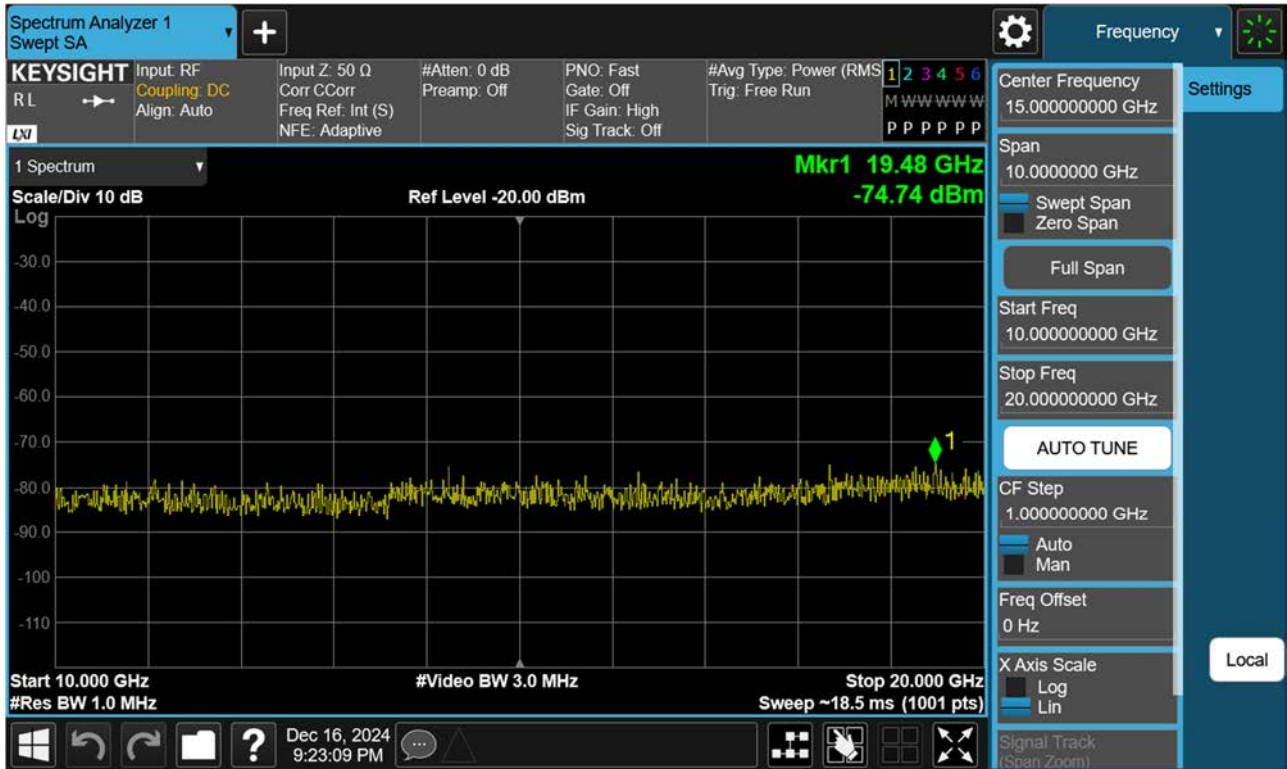


## NR66\_40 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB

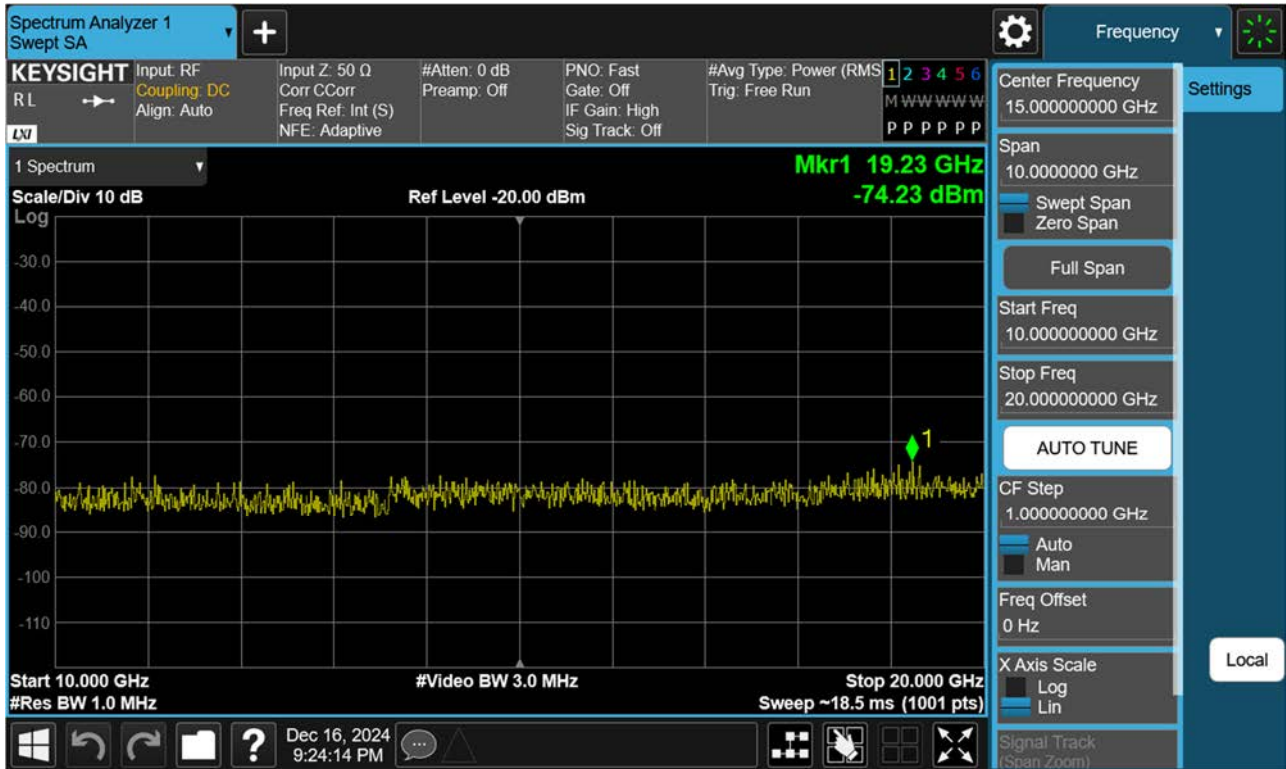




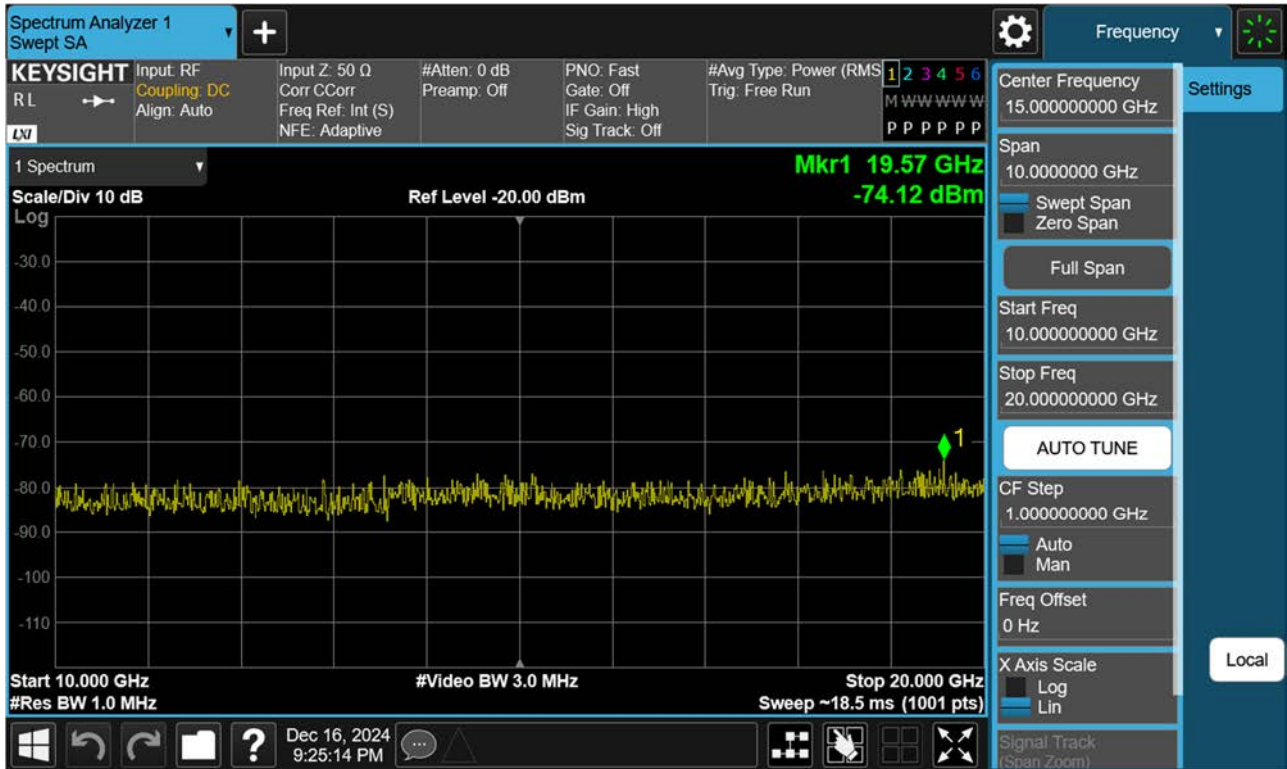
## NR66\_5 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



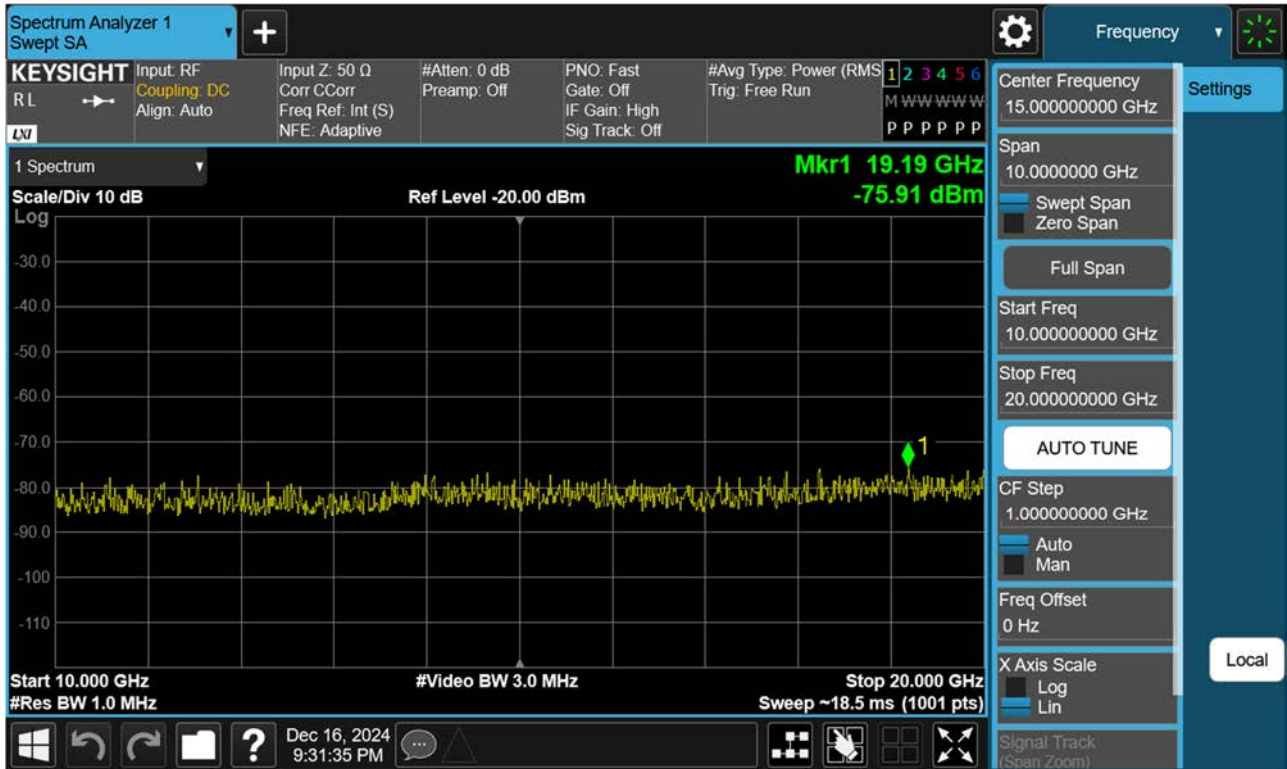
## NR66\_5 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



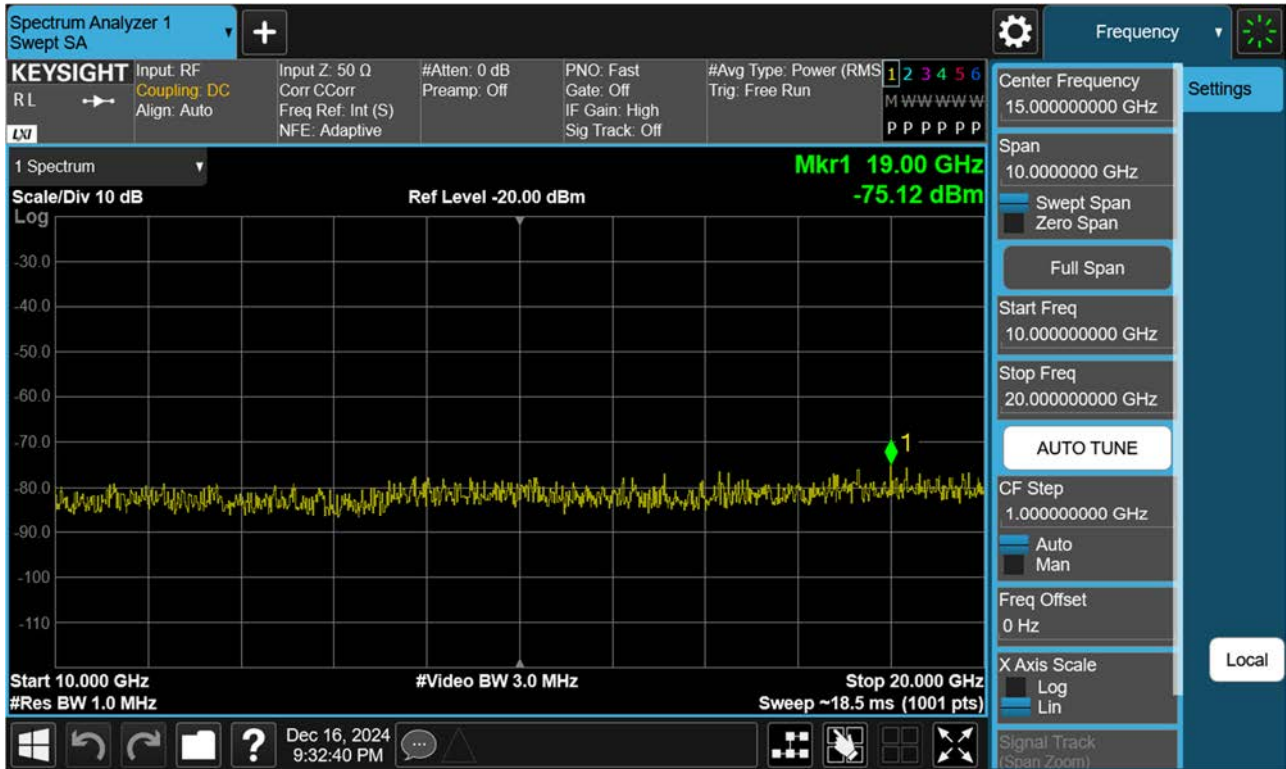
## NR66\_5 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



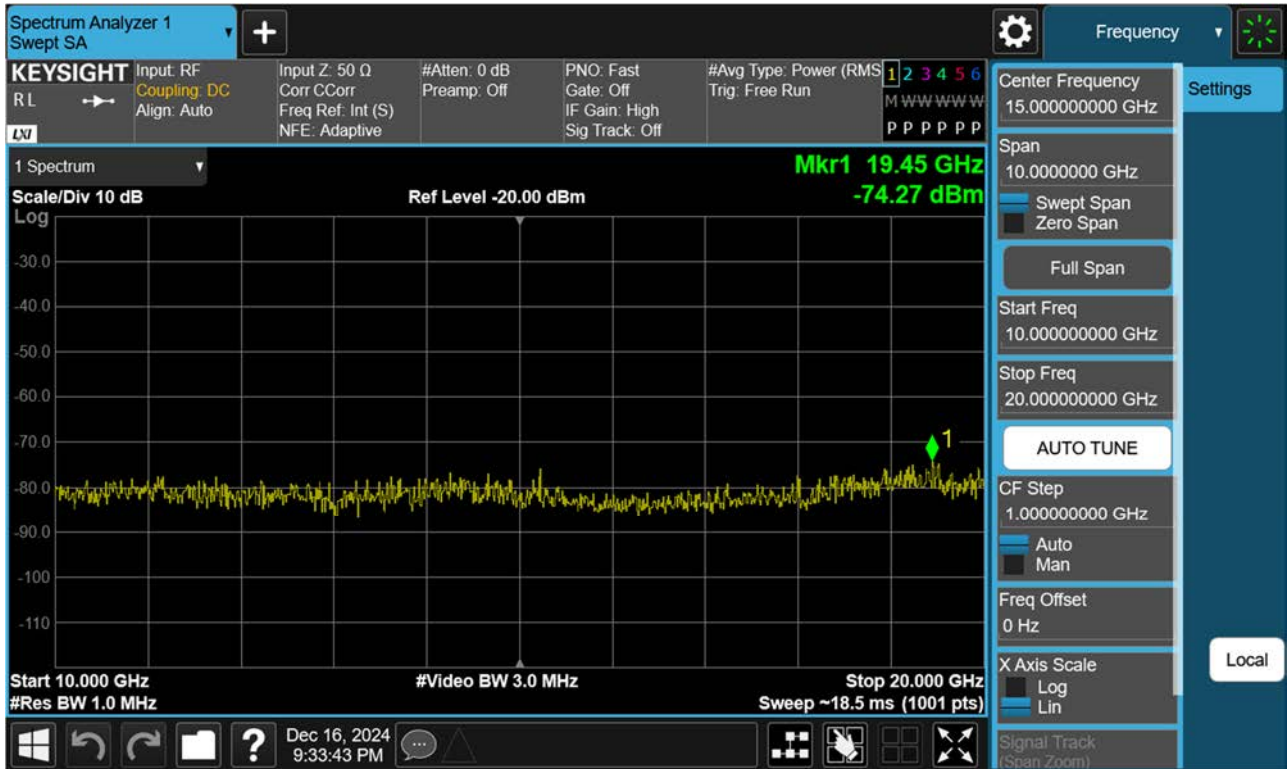
## NR66\_10 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



## NR66\_10 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB

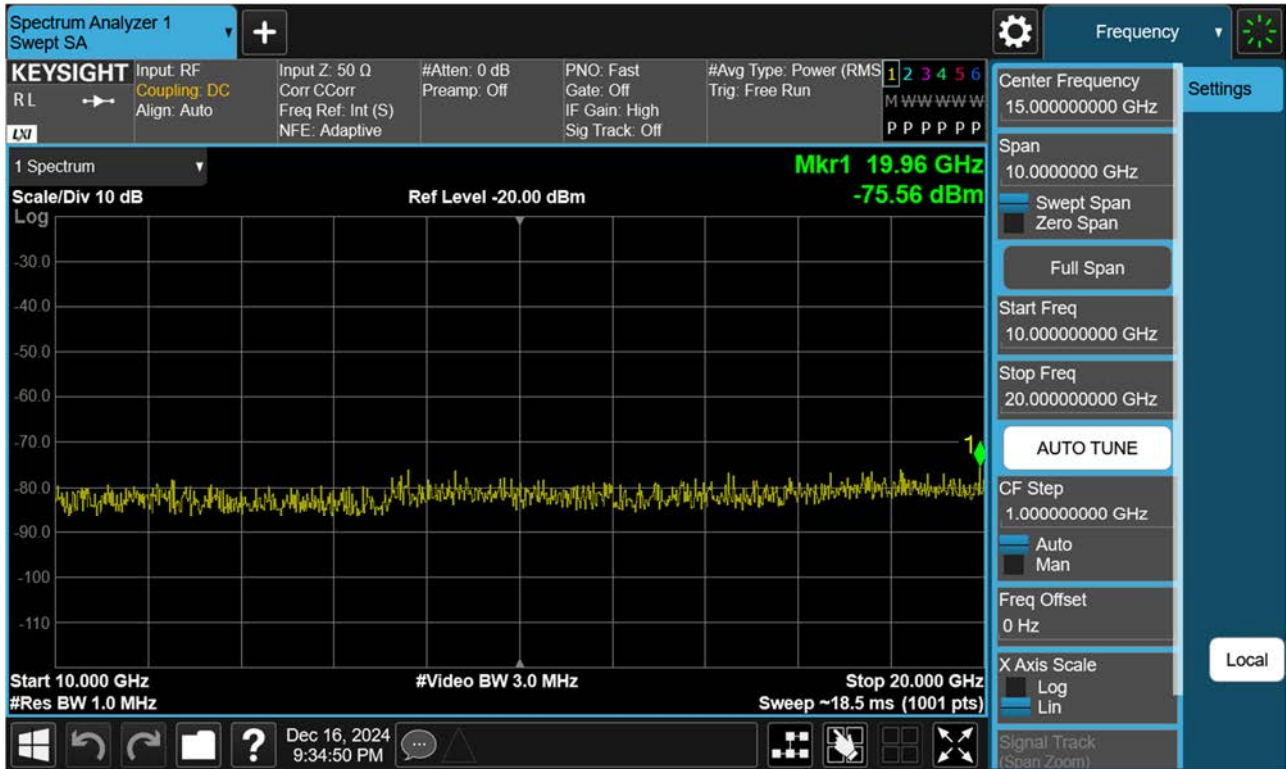


## NR66\_10 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB

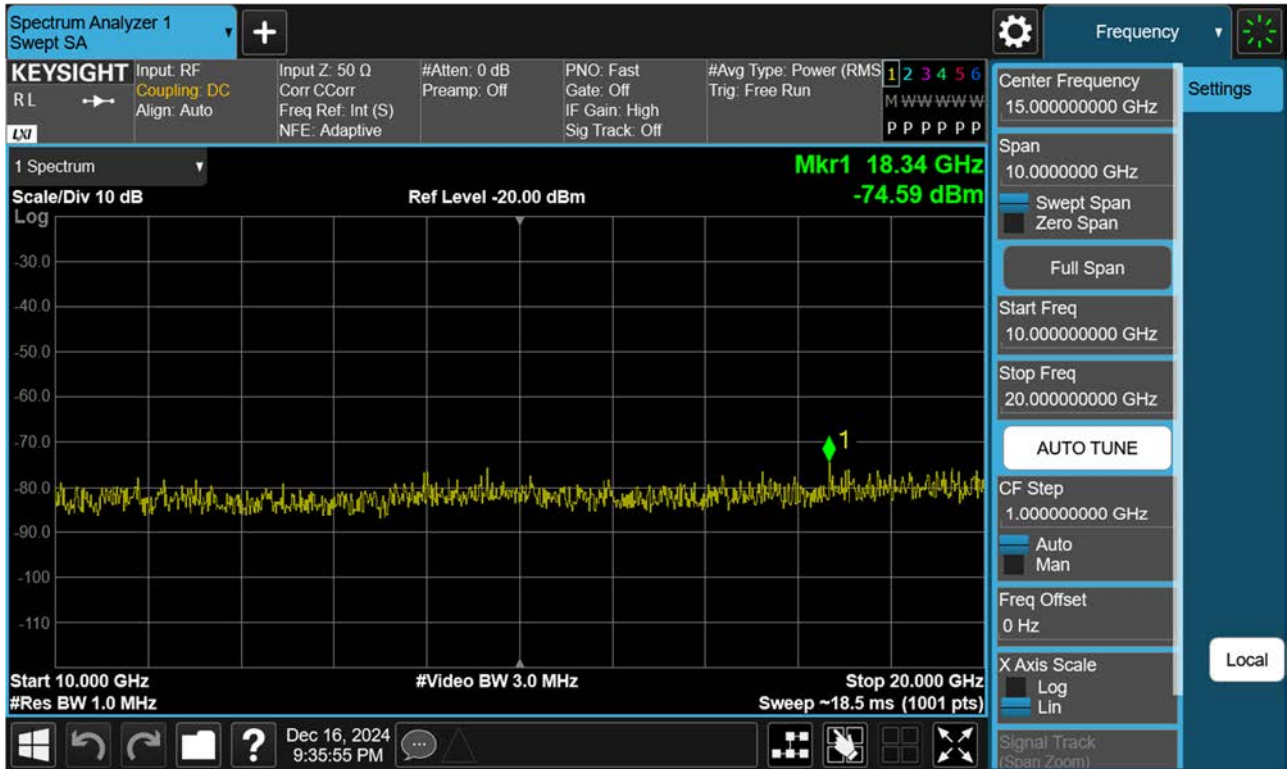




## NR66\_15 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB

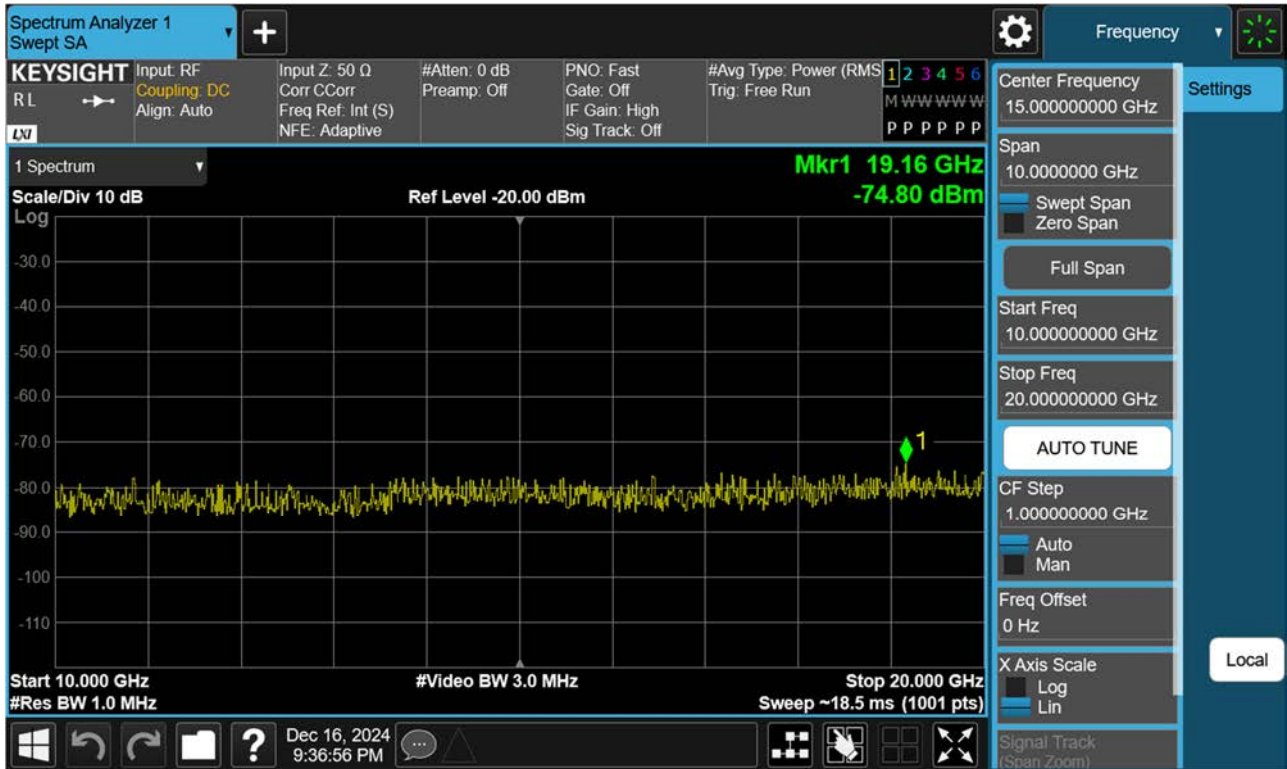


## NR66\_15 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB

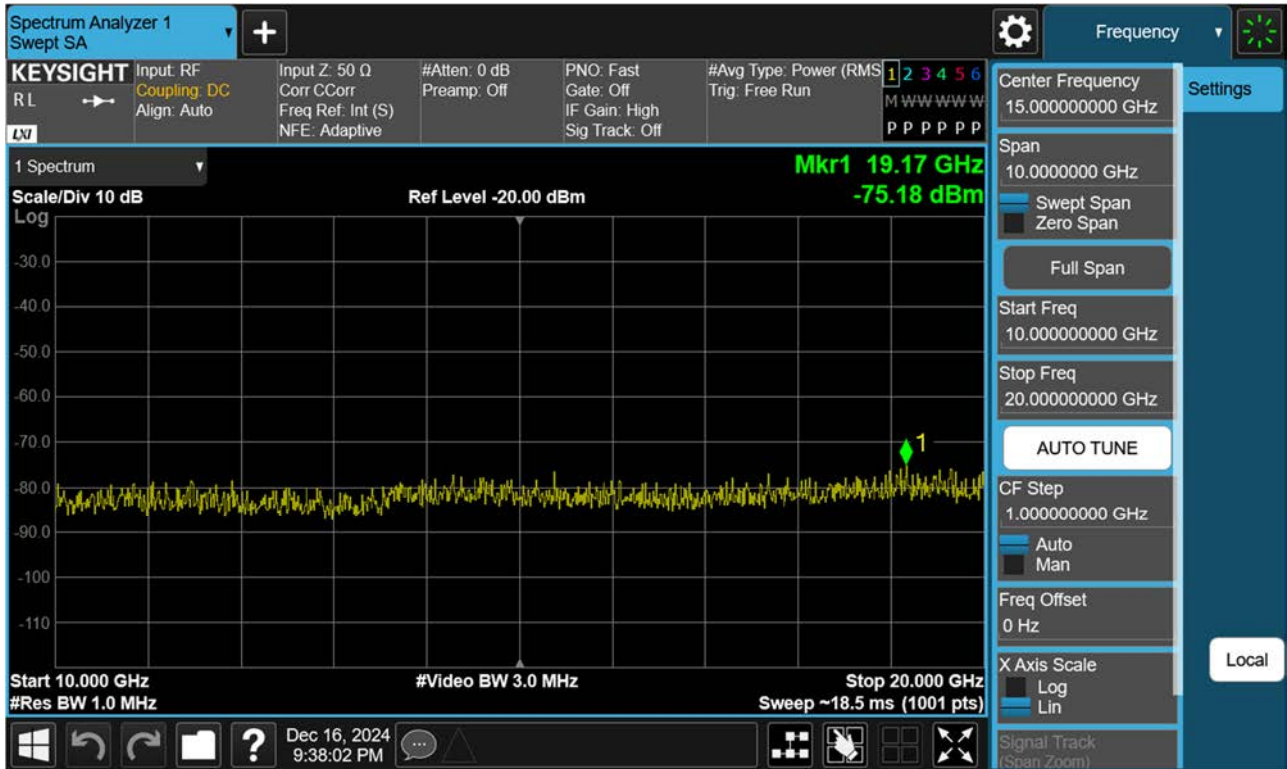




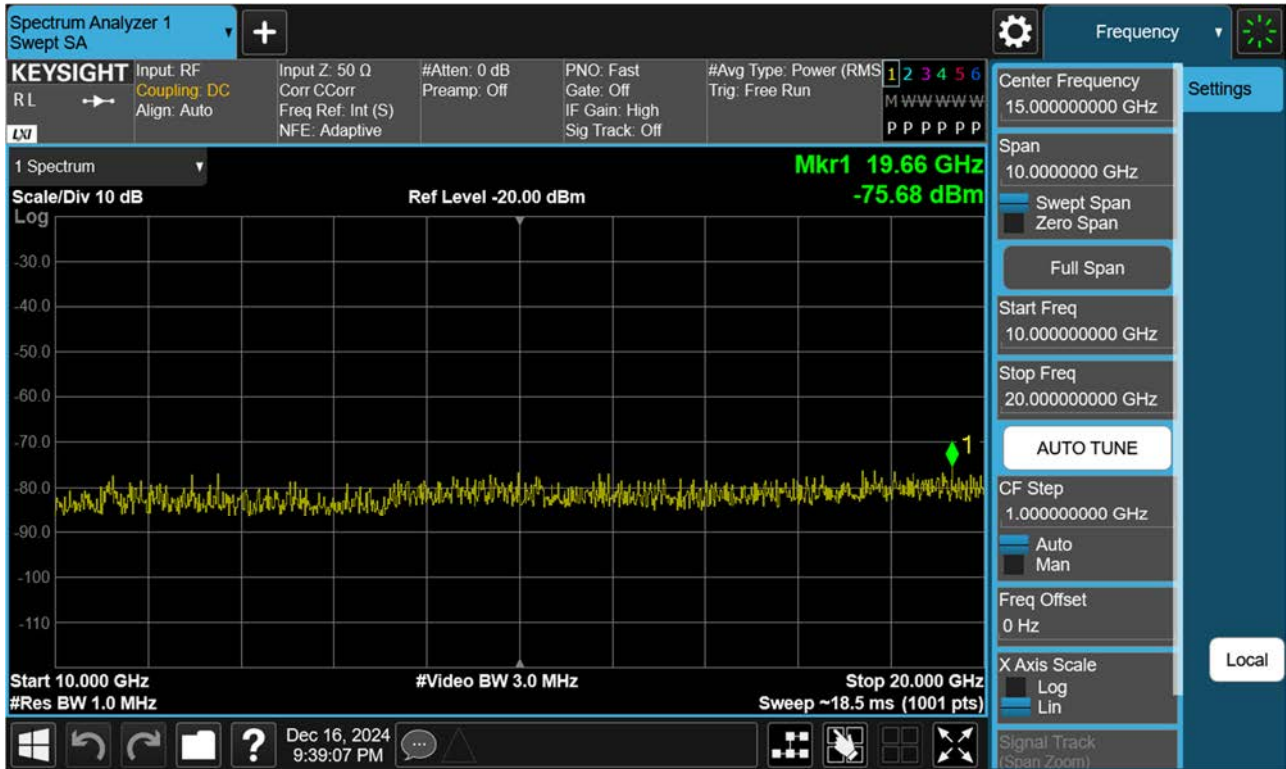
NR66\_15 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



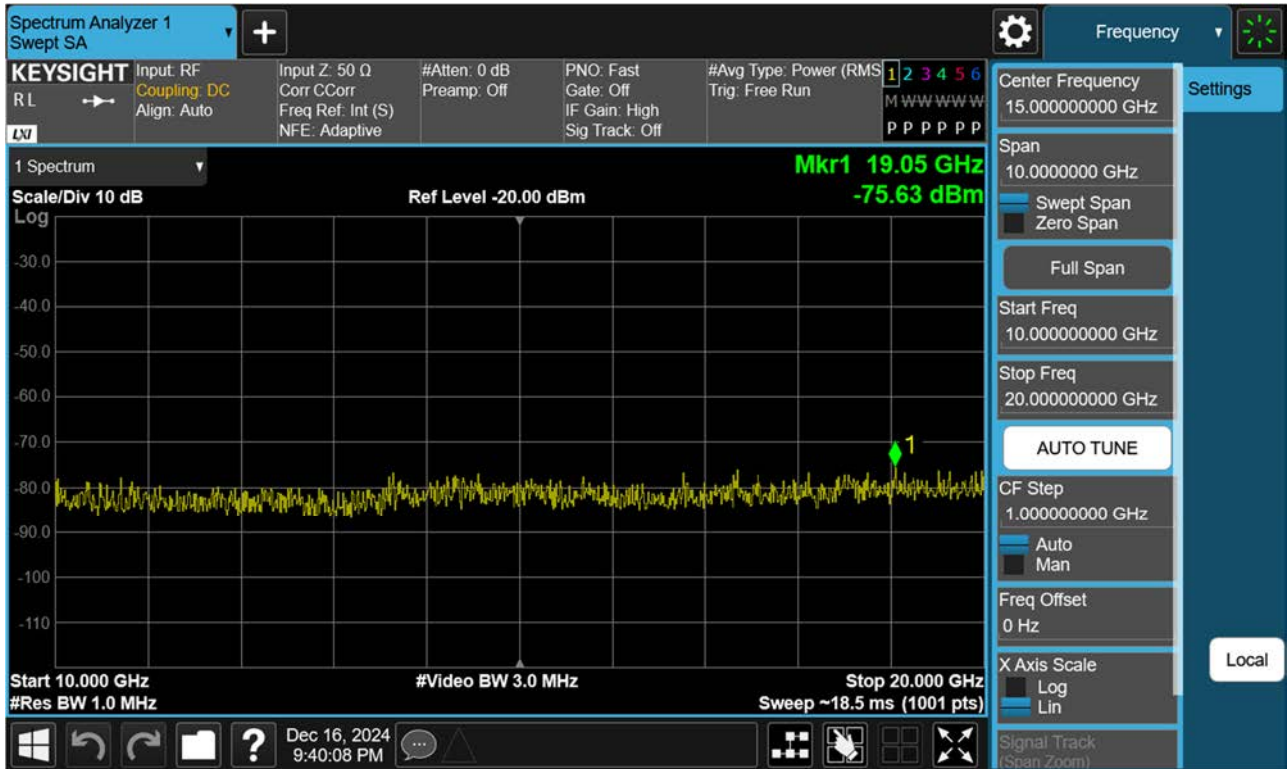
## NR66\_20 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



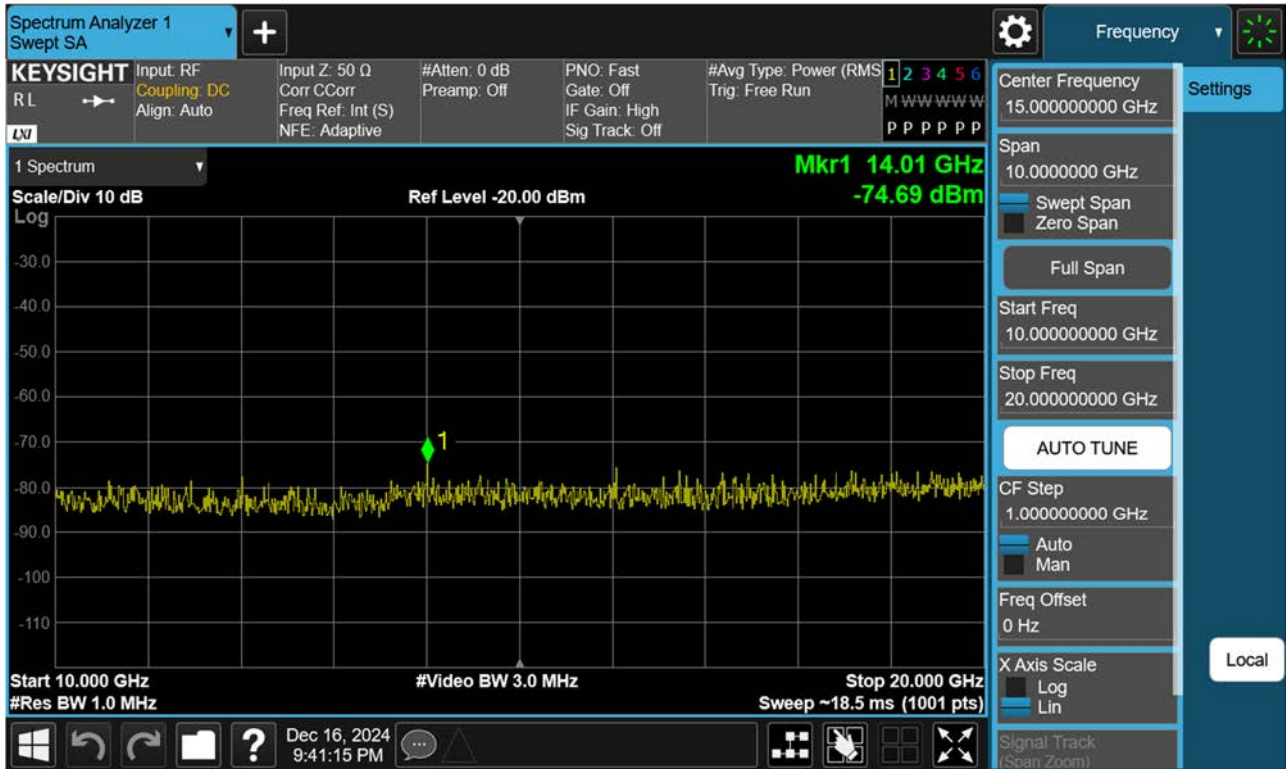
## NR66\_20 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



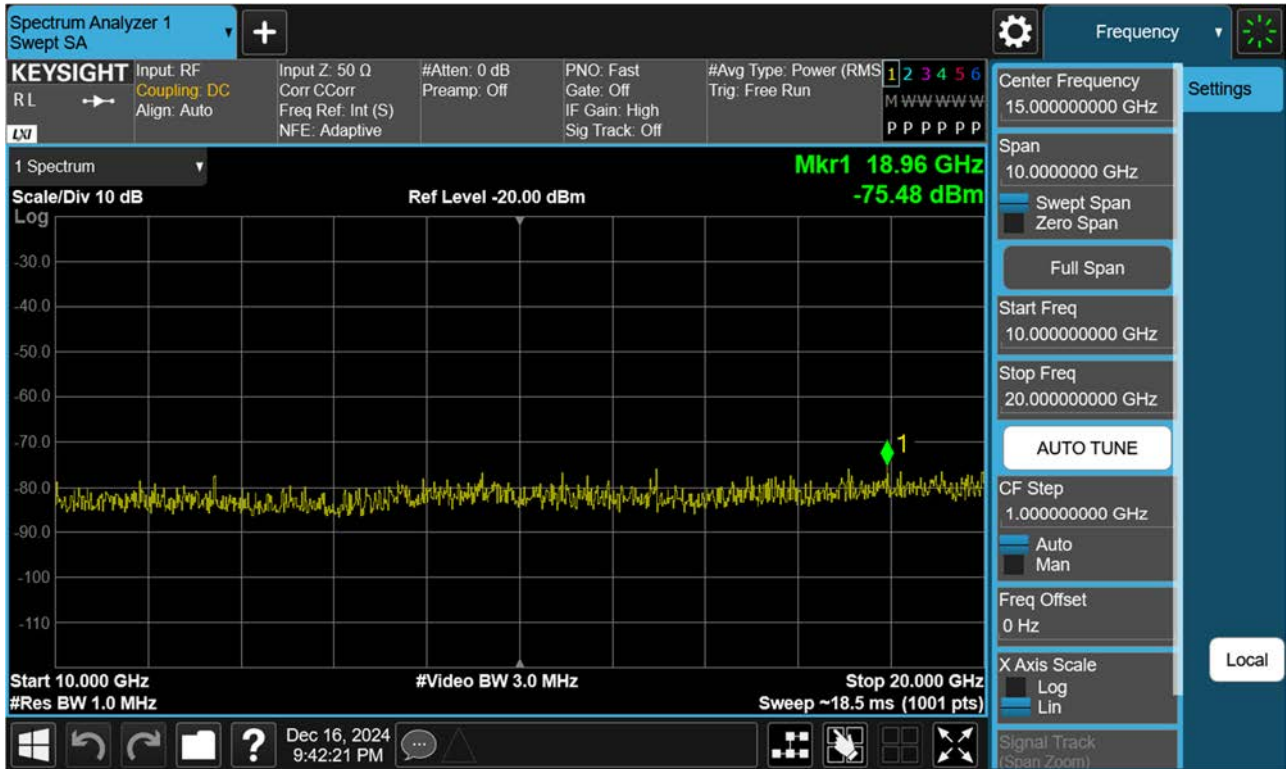
NR66\_20 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



## NR66\_25 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



## NR66\_25 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB





## NR66\_25 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB

