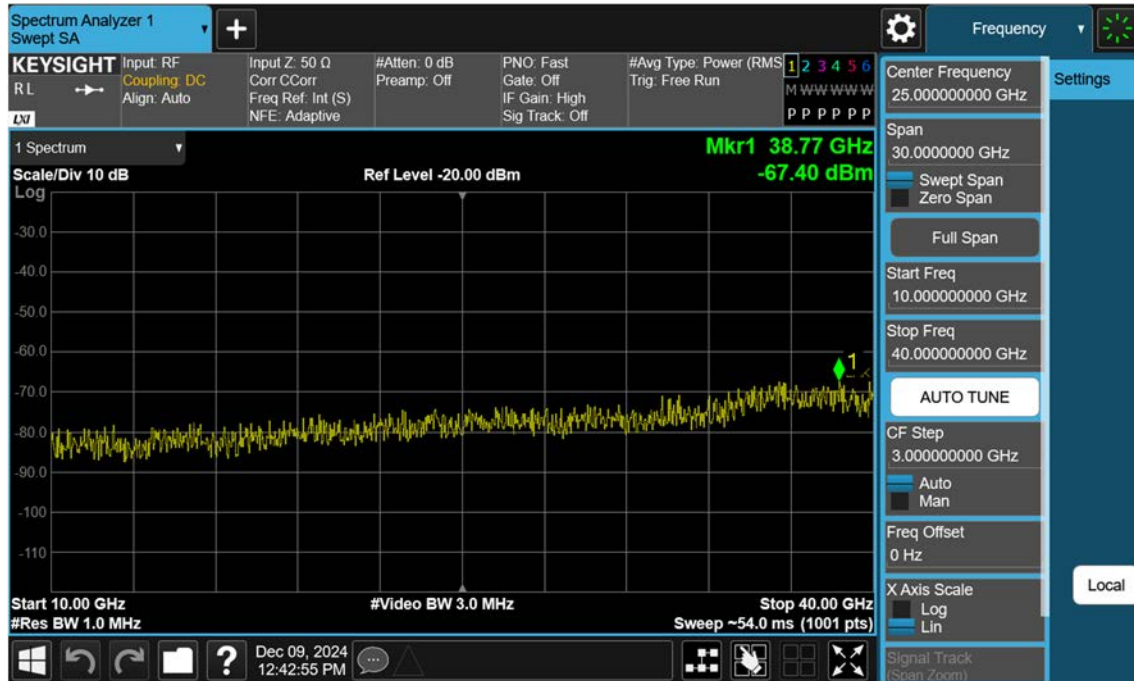


n77(3700~3980 MHz)_60 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analyzer 1
Swept SA

Input: RF
Coupling: DC
Align: Auto

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

#Atten: 0 dB
Preamp: Off

PNO: Fast
Gate: Off
IF Gain: High
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Free Run

1 2 3 4 5 6
M WWW WWW W
P P P P P P

Center Frequency
25.000000000 GHz

Span
30.000000000 GHz

Swept Span
Zero Span

Full Span

Start Freq
10.000000000 GHz

Stop Freq
40.000000000 GHz

AUTO TUNE

CF Step
3.000000000 GHz

Swept Span
Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span, Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Level -20.00 dBm

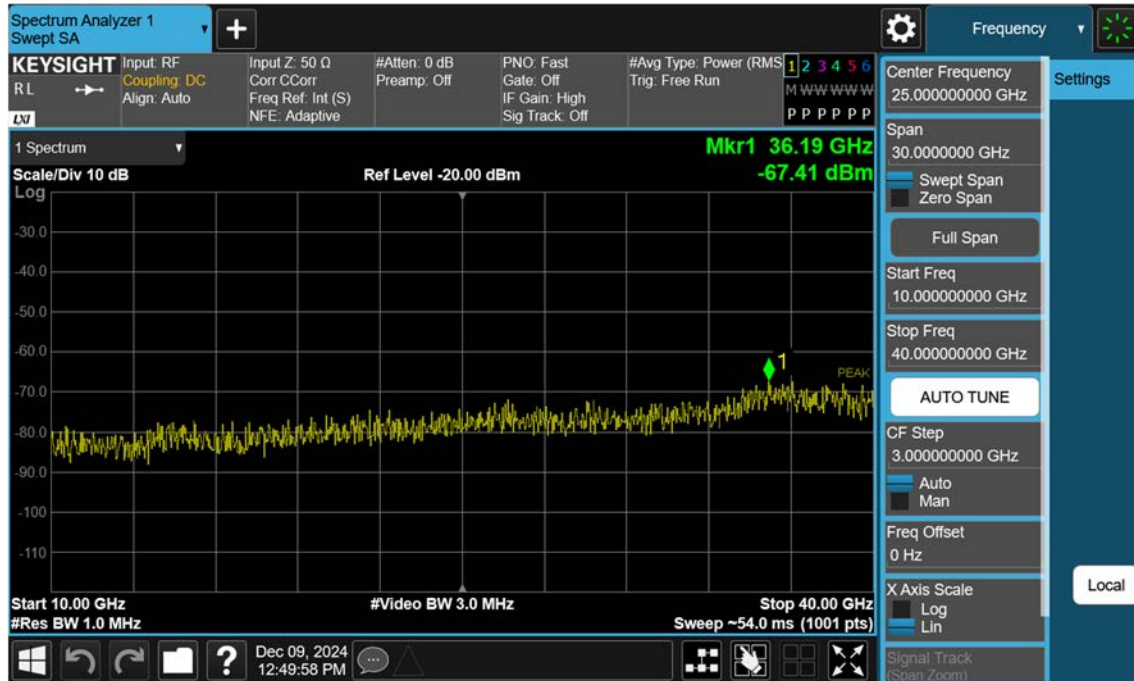
Mkr1 36.43 GHz
-67.07 dBm

Start 10.00 GHz
#Res BW 1.0 MHz

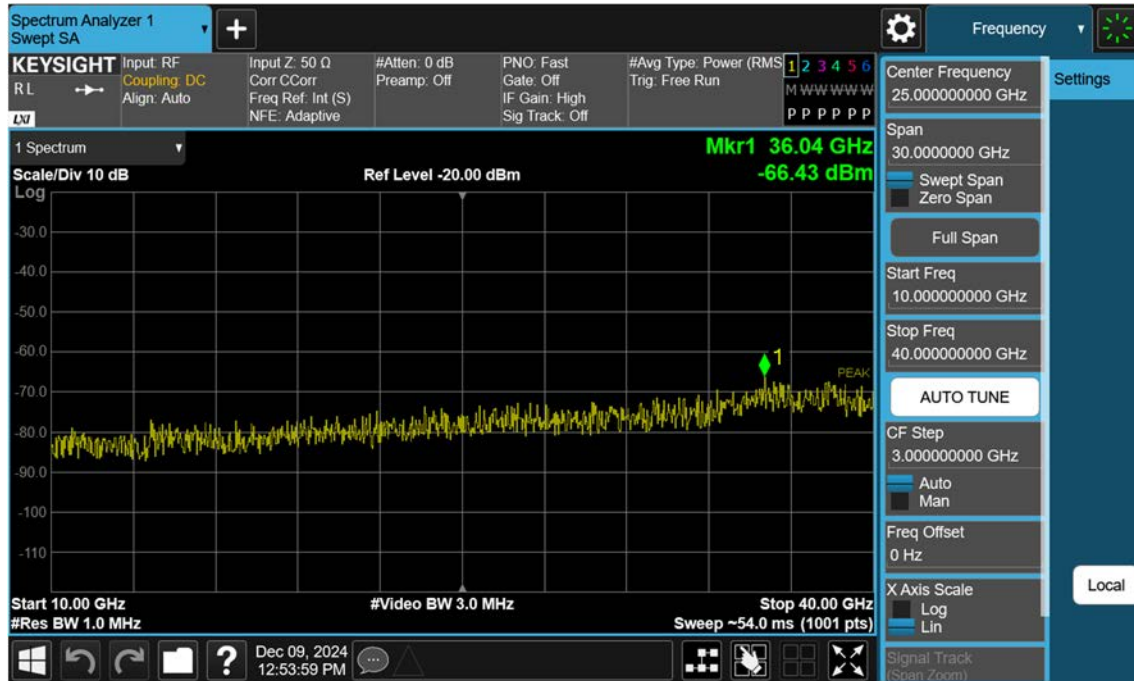
#Video BW 3.0 MHz

Stop 40.00 GHz
Sweep ~54.0 ms (1001 pts)

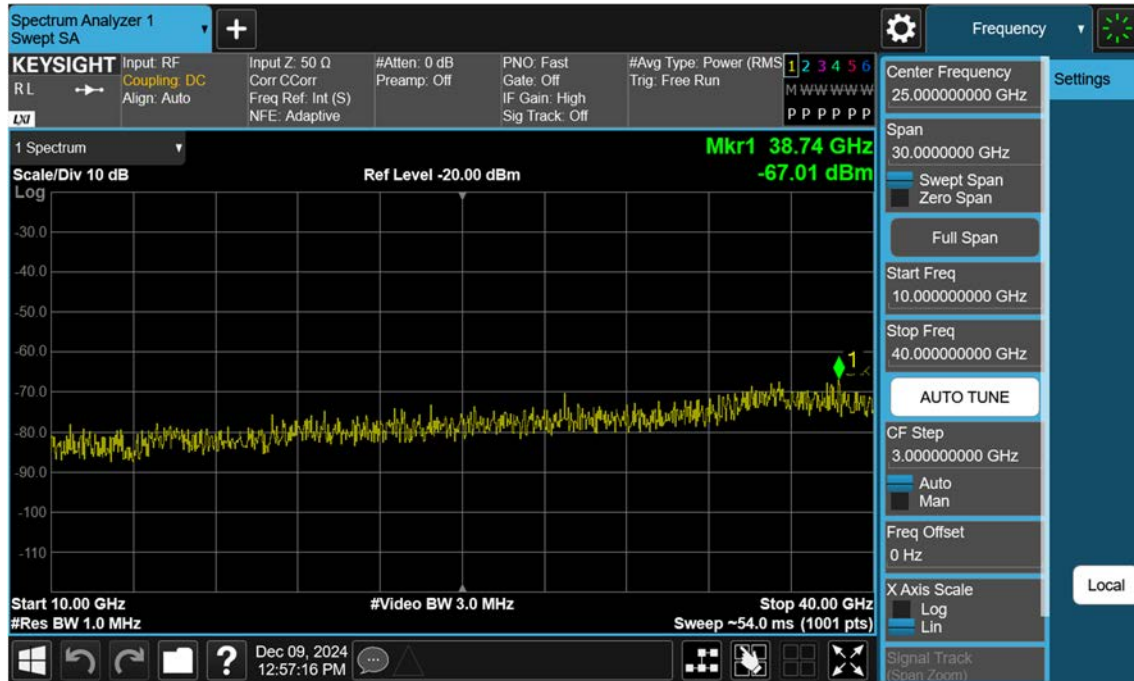
n77(3700~3980 MHz)_60 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



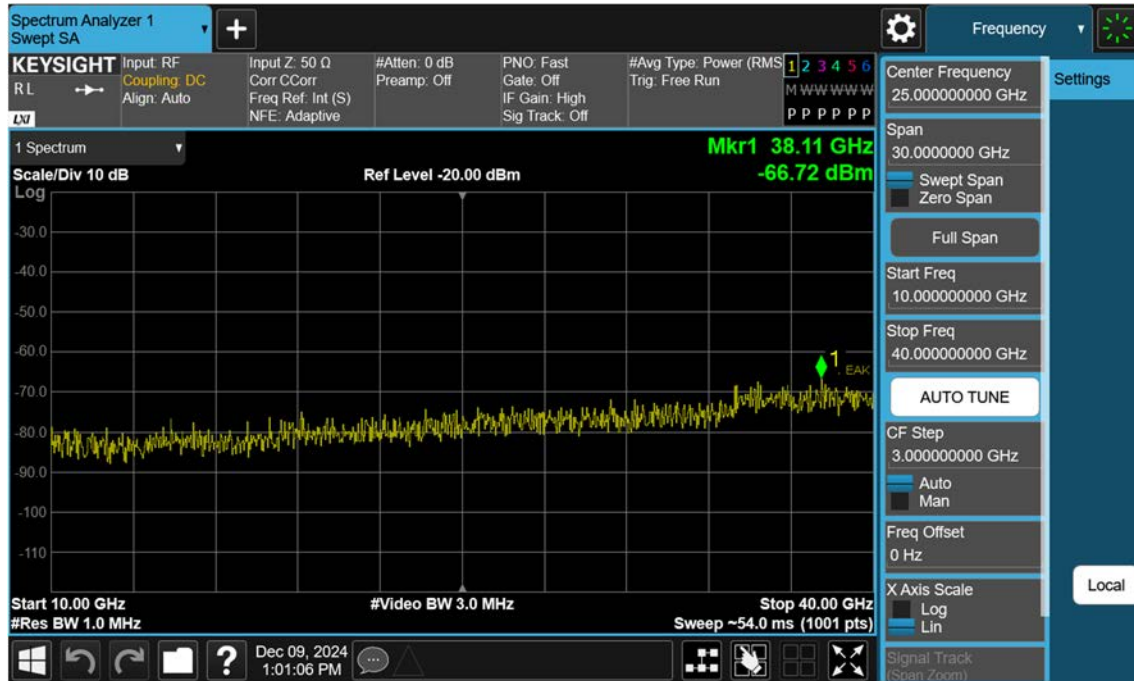
n77(3700~3980 MHz)_70 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



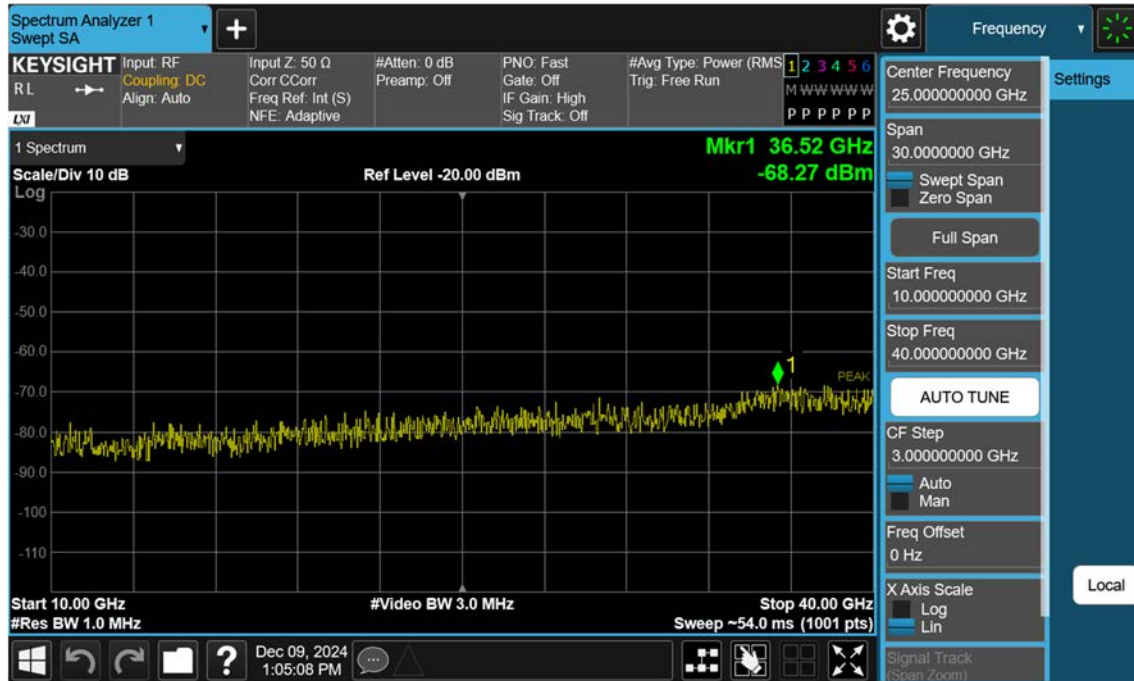
n77(3700~3980 MHz)_70 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



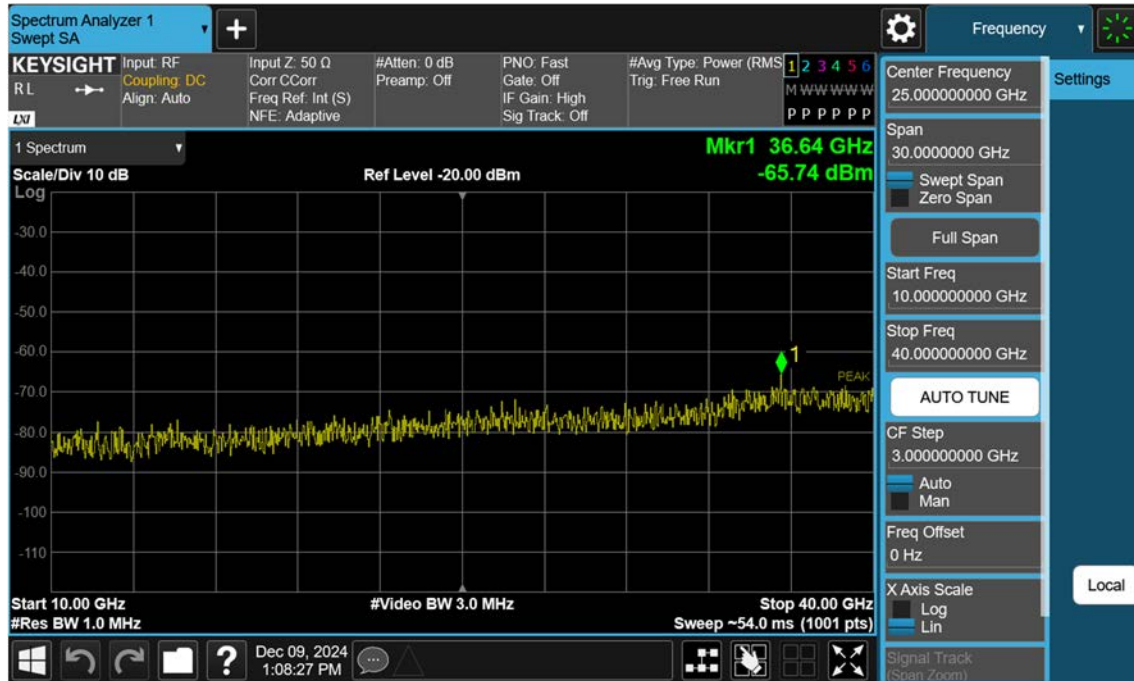
n77(3700~3980 MHz)_70 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



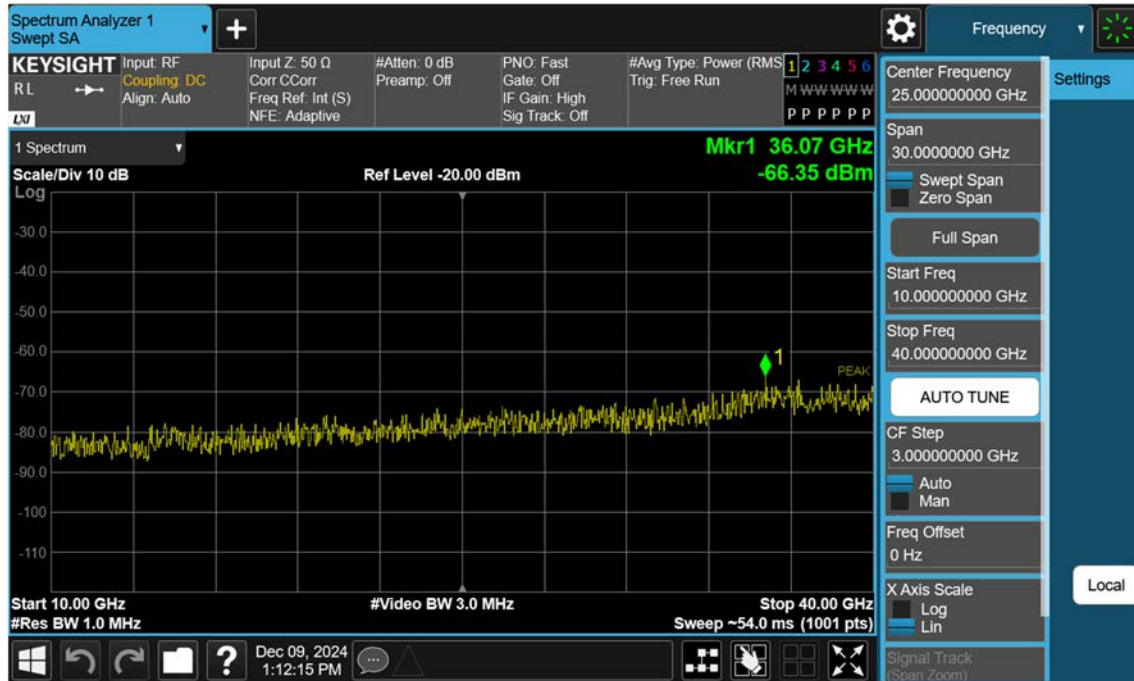
n77(3700~3980 MHz)_80 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



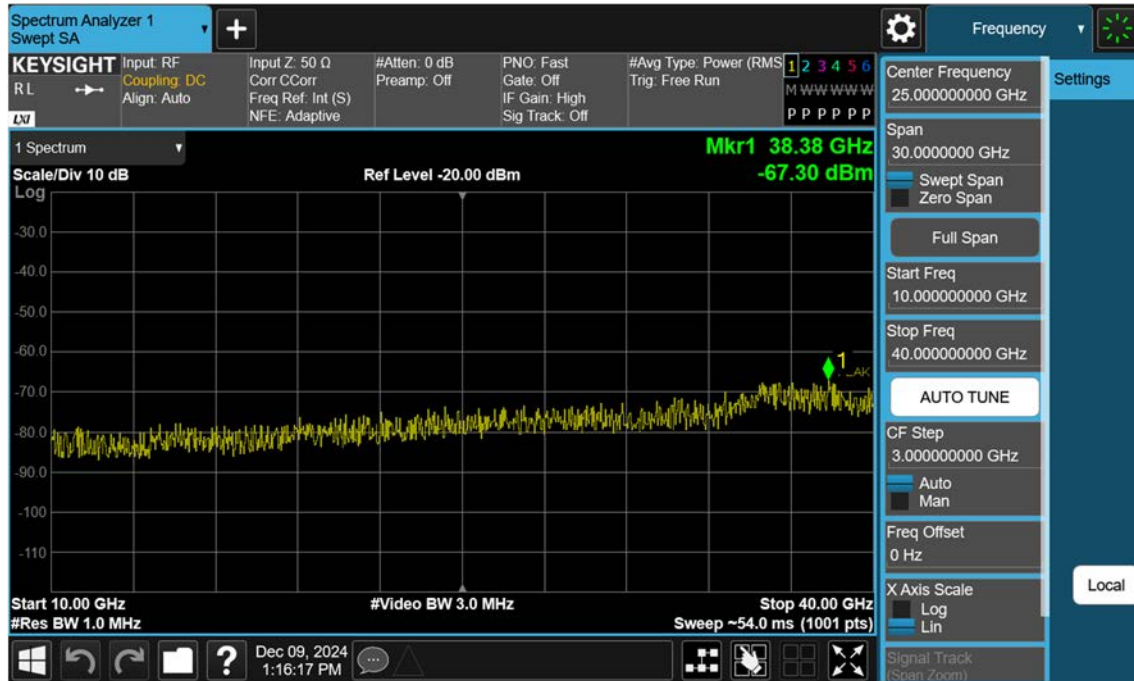
n77(3700~3980 MHz)_80 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



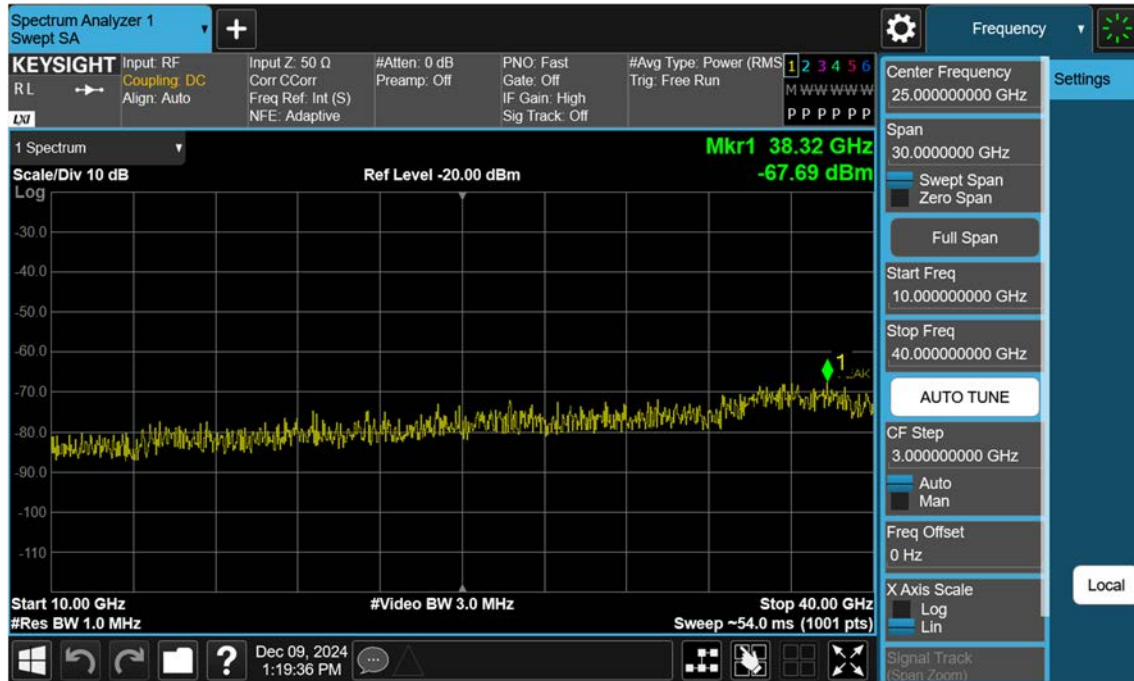
n77(3700~3980 MHz)_80 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



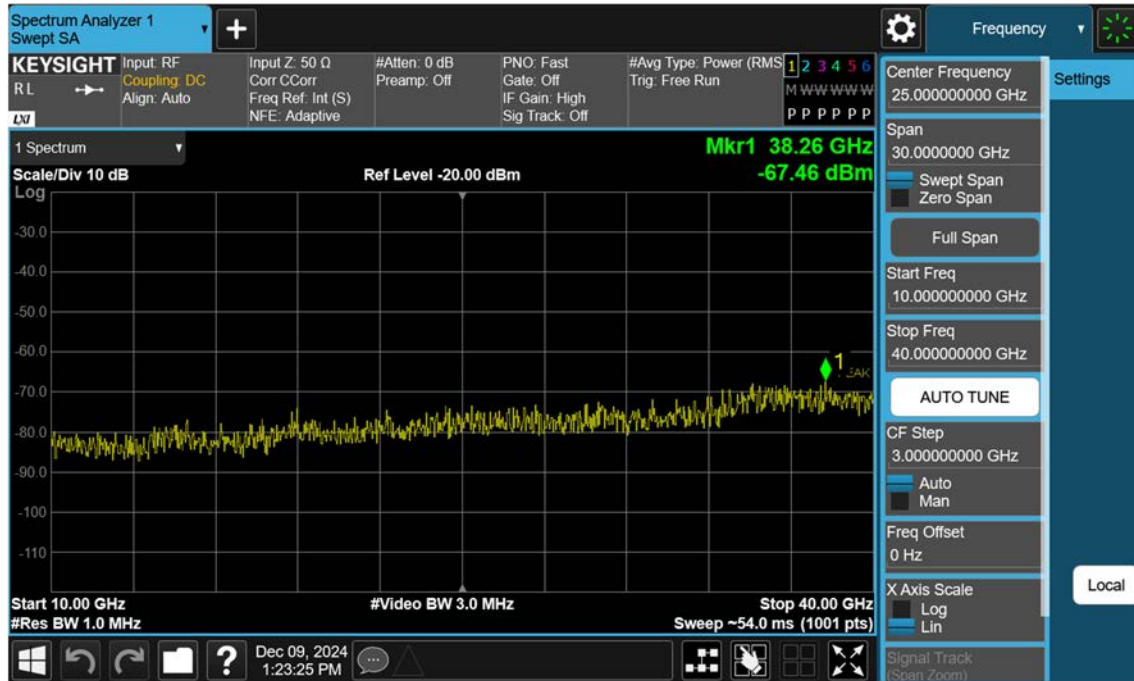
n77(3700~3980 MHz)_90 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



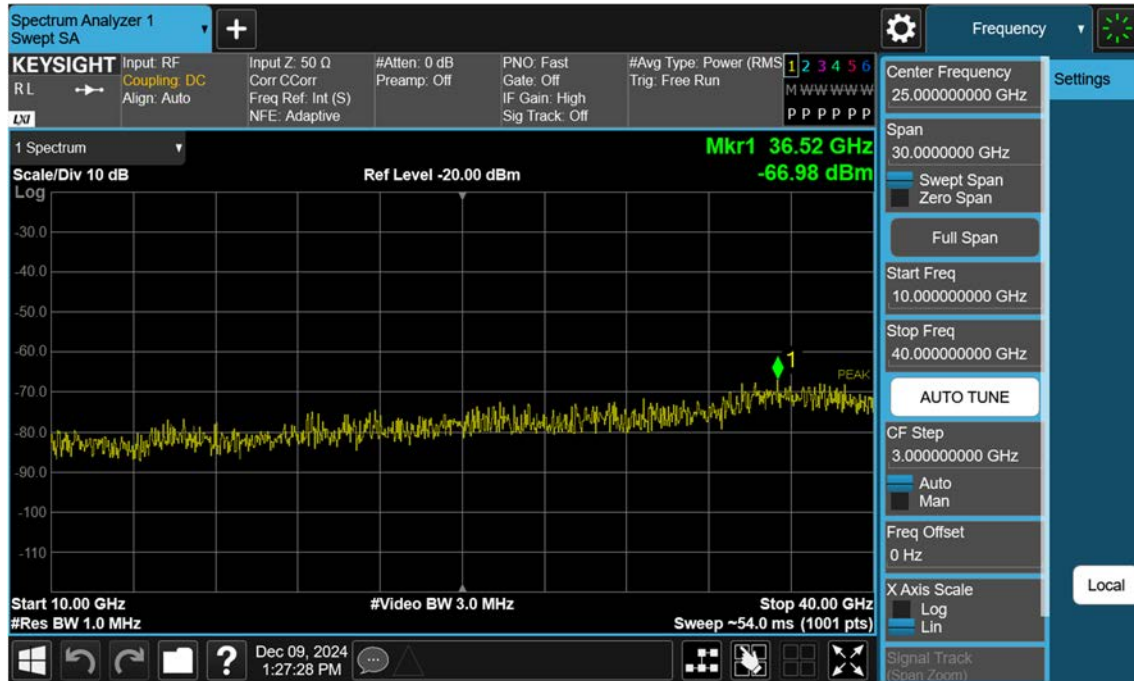
n77(3700~3980 MHz)_90 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



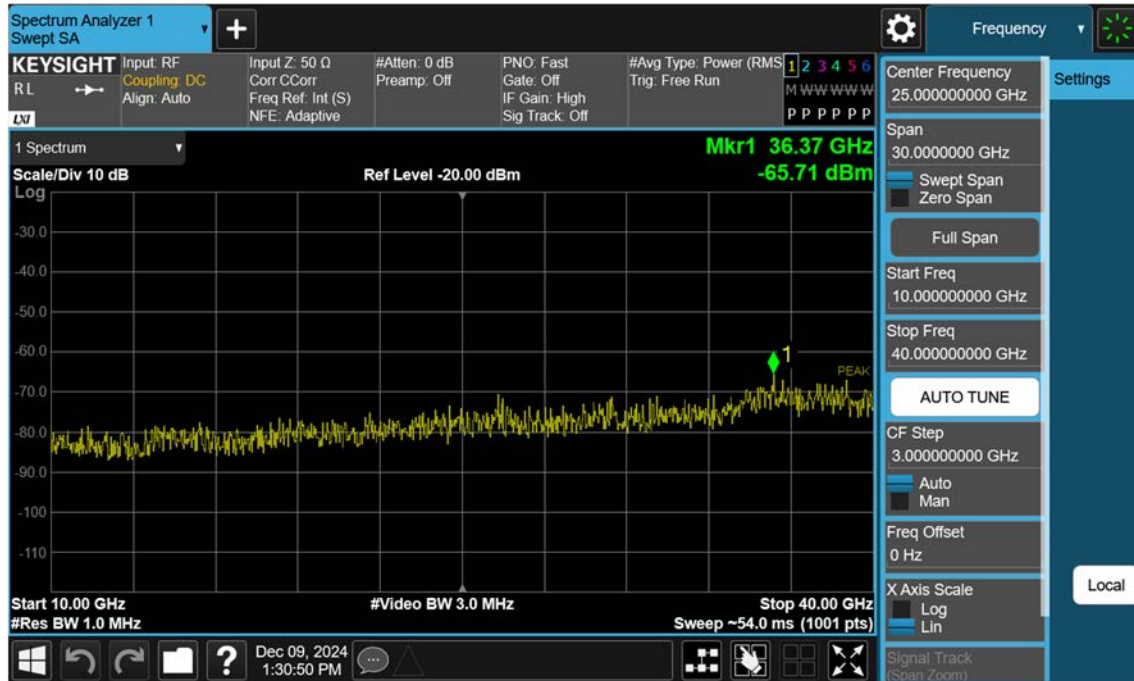
n77(3700~3980 MHz)_90 M_Conducted Spurious(Above10 G)_High_BPSK_1RB

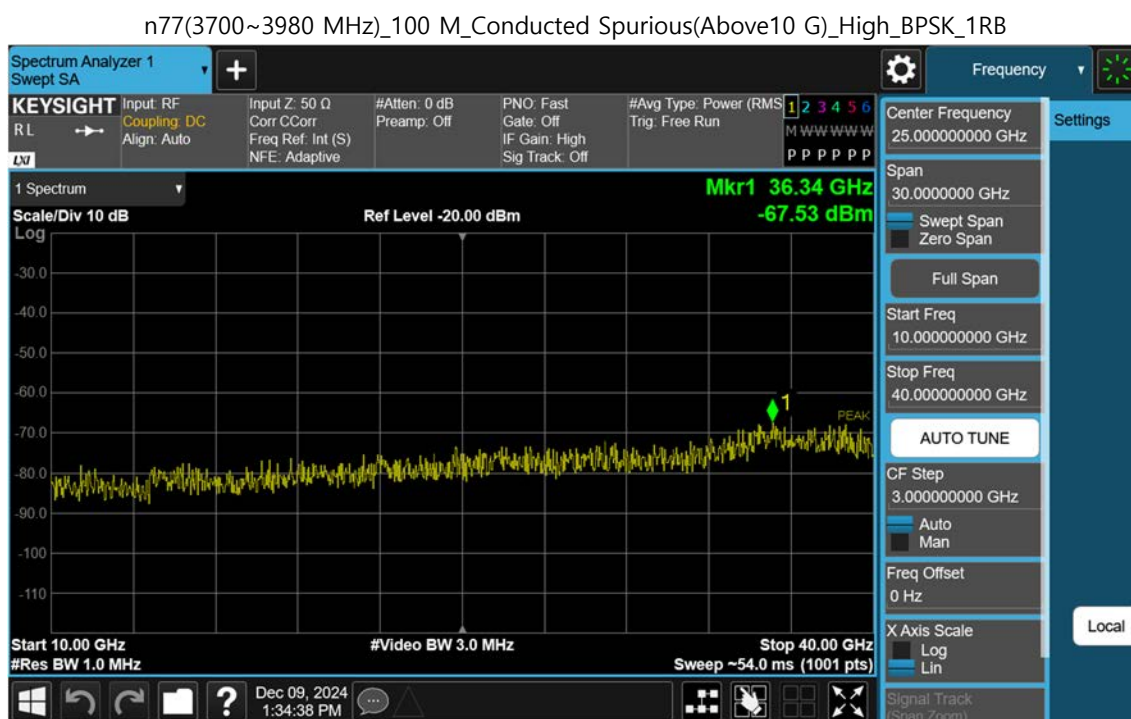


n77(3700~3980 MHz)_100 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



n77(3700~3980 MHz)_100 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB





n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_FullRB(1)



n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_1RB(1)



n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_FullRB(2)



n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_1RB(2)



n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_FullRB(3)



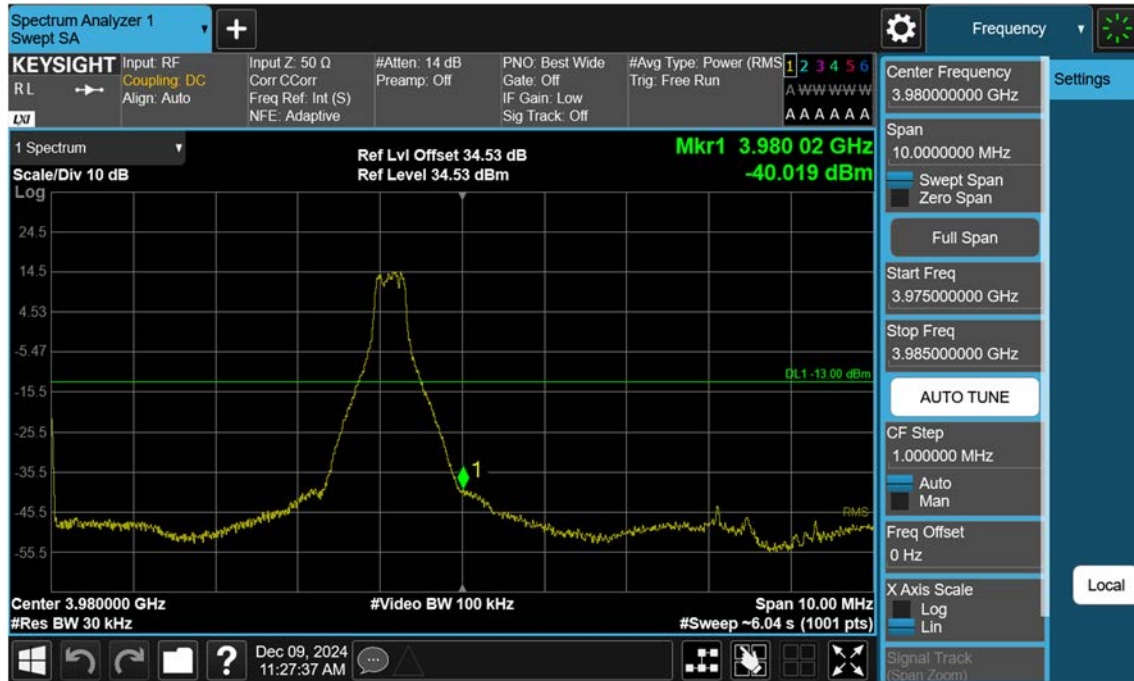
n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_1RB(3)



n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_FullRB(1)



n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_1RB(1)



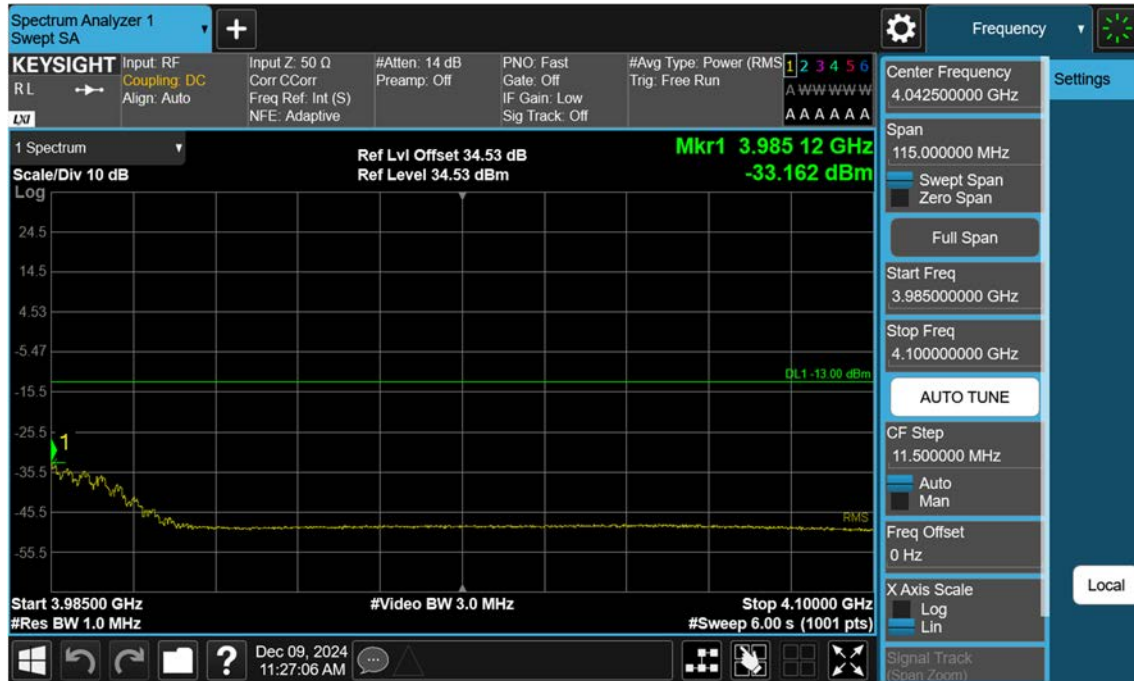
n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_FullRB(2)



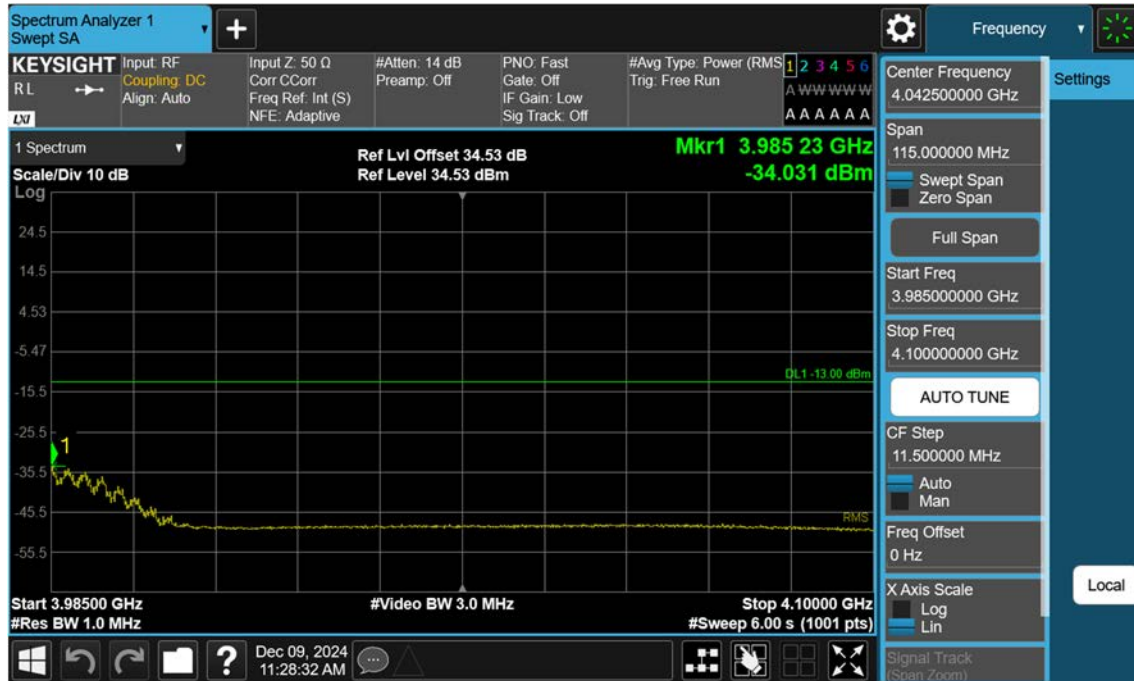
n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_1RB(2)



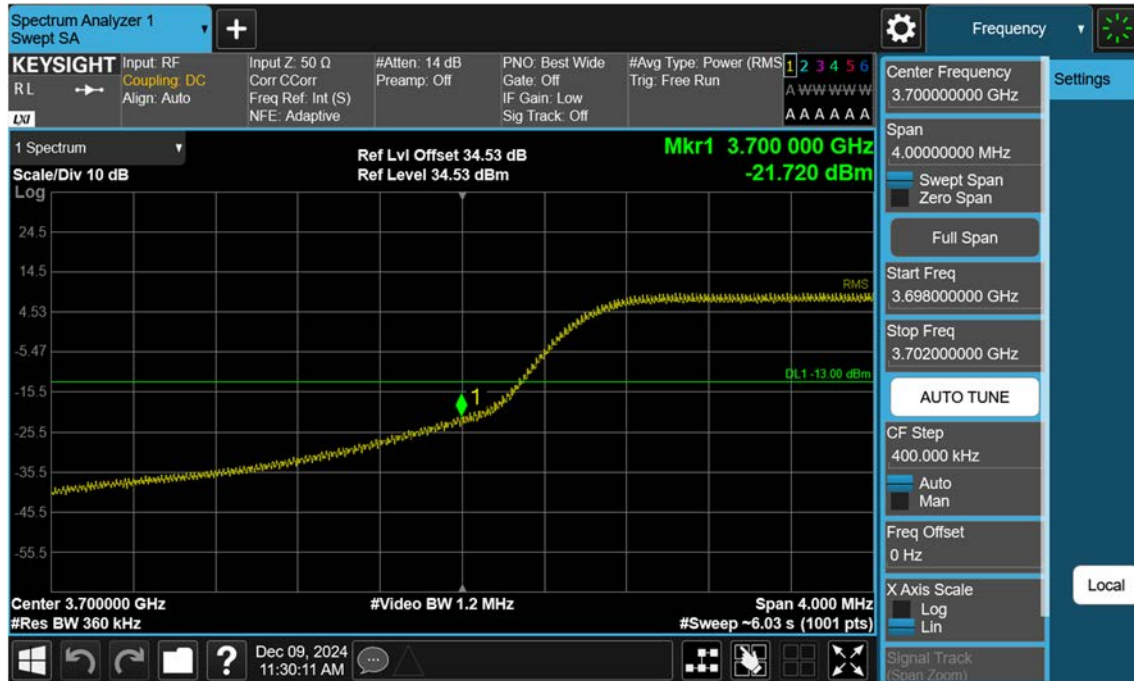
n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_FullRB(3)



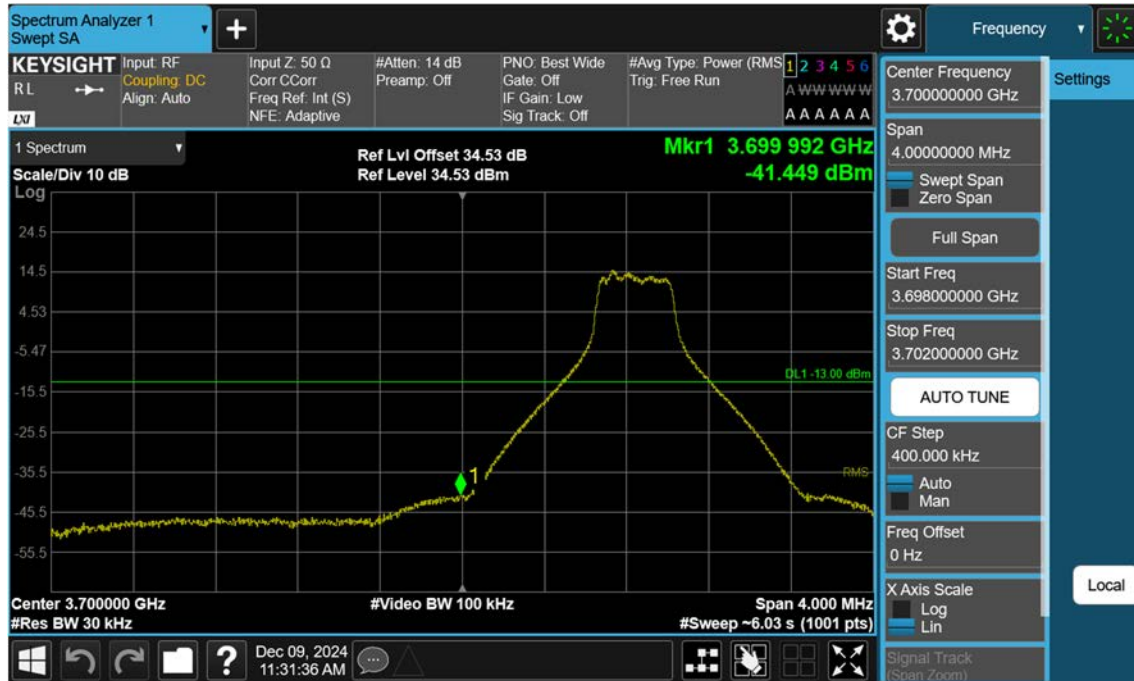
n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_1RB(3)



n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_FullRB(1)



n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_1RB(1)



n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_FullRB(2)



n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_1RB(2)



n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_FullRB(3)



n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_1RB(3)



n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_FullRB(1)



The screenshot displays a Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a yellow trace. A prominent peak is visible at 3.98003 GHz, labeled with a green '1'. The peak level is 34.53 dBm, and the marker level is -39.542 dBm. The reference level is 34.53 dB. The plot is scaled by 10 dB and uses a logarithmic scale. The center frequency is 3.980000 GHz, and the span is 10.00 MHz. The resolution bandwidth (RBW) is 30 kHz, and the video bandwidth (VBW) is 100 kHz. The sweep time is approximately 6.04 seconds for 1001 points. The interface includes various control panels on the right for settings like Center Frequency, Span, Start Freq, Stop Freq, and Auto Tune. The bottom status bar shows the date and time as Dec 09, 2024, 11:39:21 AM.

n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_FullRB(2)



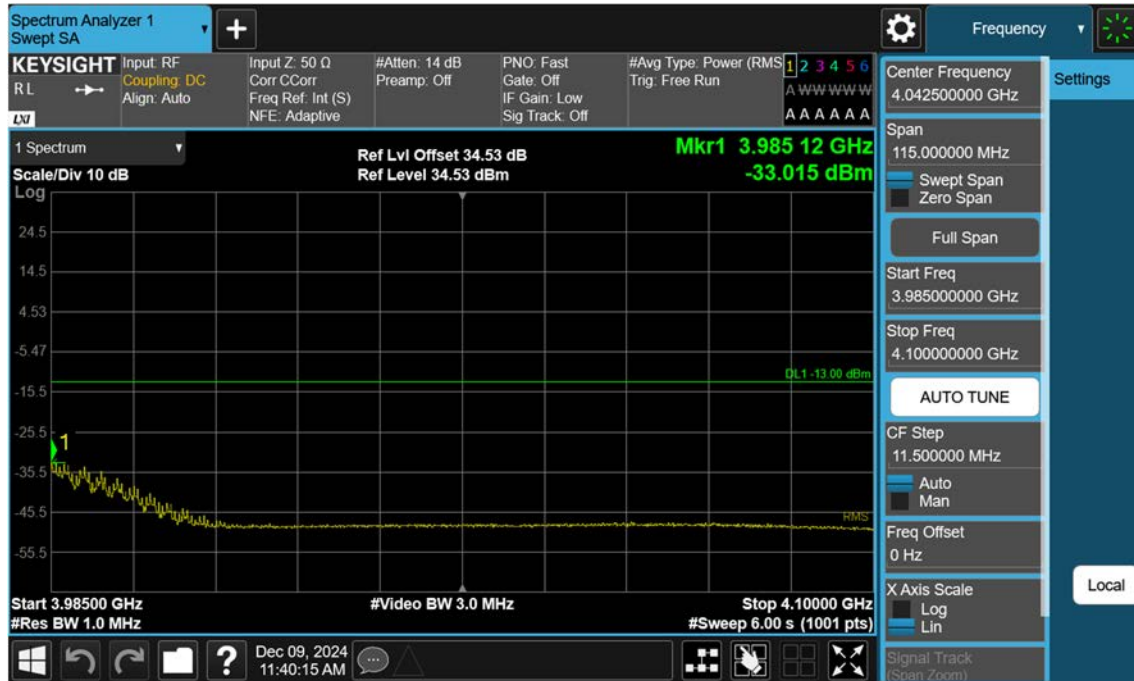
n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_1RB(2)



n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_FullRB(3)



n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_1RB(3)



n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_FullRB(1)



Keysight Spectrum Analyzer 1
Swept SA

Input: RF
Coupling: DC
Align: Auto

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

#Atten: 14 dB
Preamp: Off

PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Free Run

1 2 3 4 5 6
A W W W W W W
A A A A A A A

Center Frequency
3.700000000 GHz

Span
4.000000000 MHz

☒ Swept Span
☐ Zero Span

Full Span

Start Freq
3.698000000 GHz

Stop Freq
3.702000000 GHz

AUTO TUNE

CF Step
400.000 kHz

☒ Auto
☐ Man

Freq Offset
0 Hz

X Axis Scale
☒ Log
☐ Lin

Signal Track
(Span, Z, Res, BW)

1 Spectrum
Scale/Div 10 dB
Log

Ref Lvl Offset 34.53 dB
Ref Level 34.53 dBm

Mkr1 3.699 984 GHz
-41.494 dBm

DL1 -13.00 dBm
RMS

Center 3.700000 GHz
#Res BW 30 kHz

#Video BW 100 kHz
Span 4.000 MHz
#Sweep ~6.03 s (1001 pts)

Dec 09, 2024 11:43:19 AM

n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_FullRB(2)



n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_1RB(2)



n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_FullRB(3)



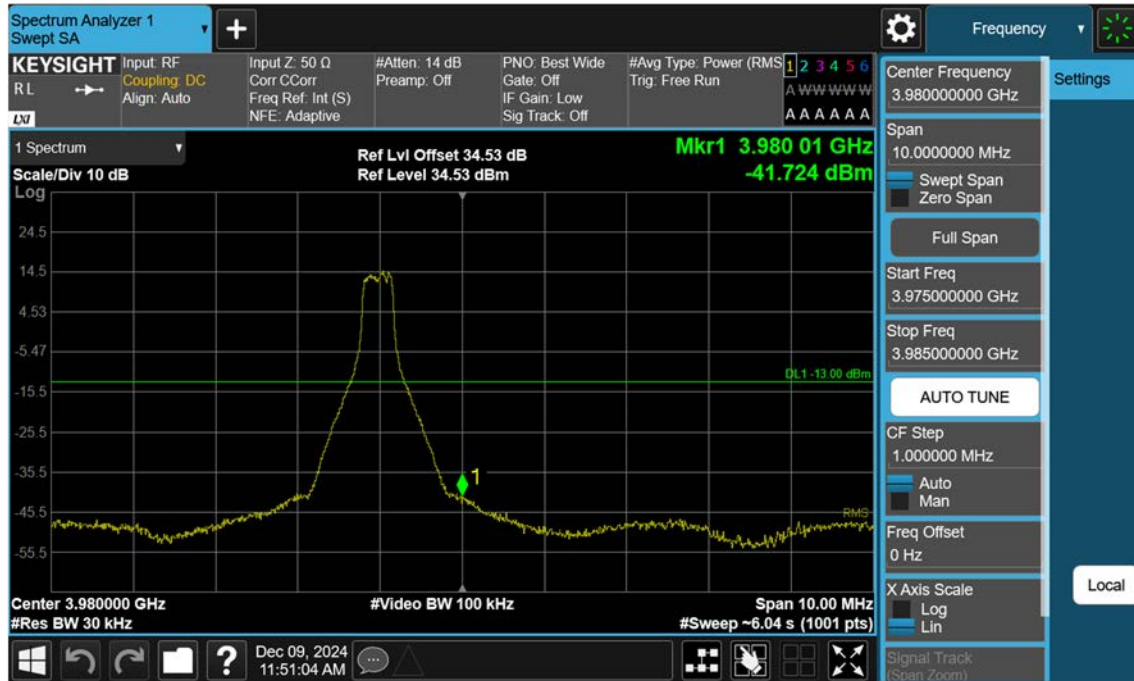
n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_1RB(3)



n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_FullRB(1)



n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_1RB(1)



n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_FullRB(2)



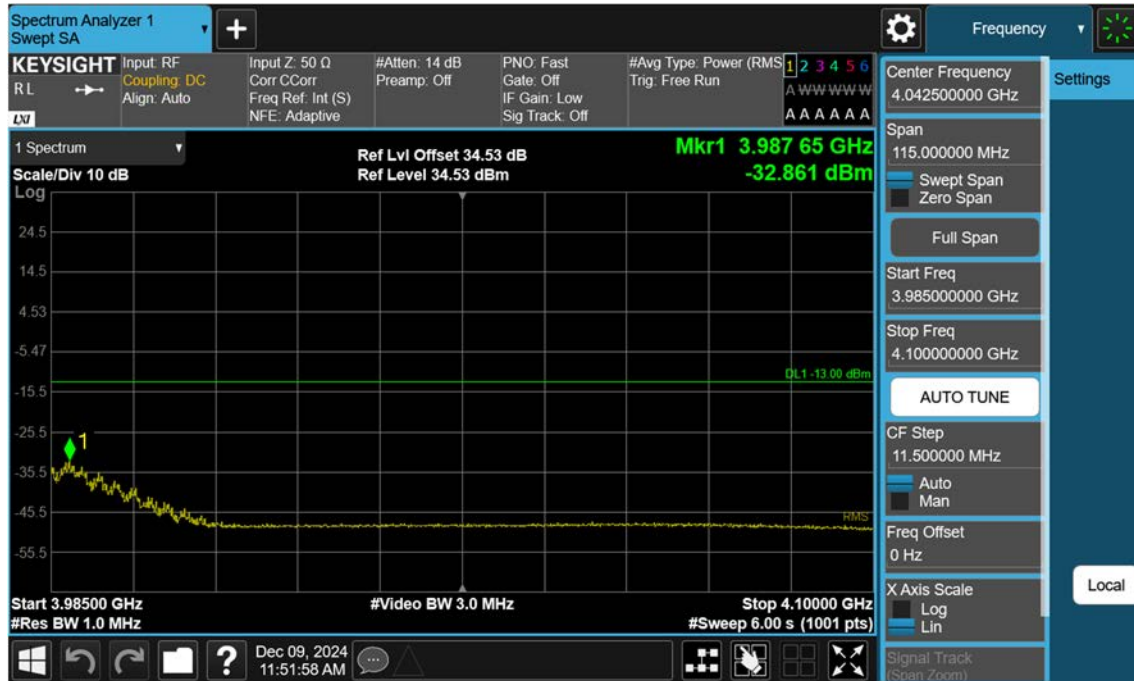
n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_1RB(2)



n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_FullRB(3)



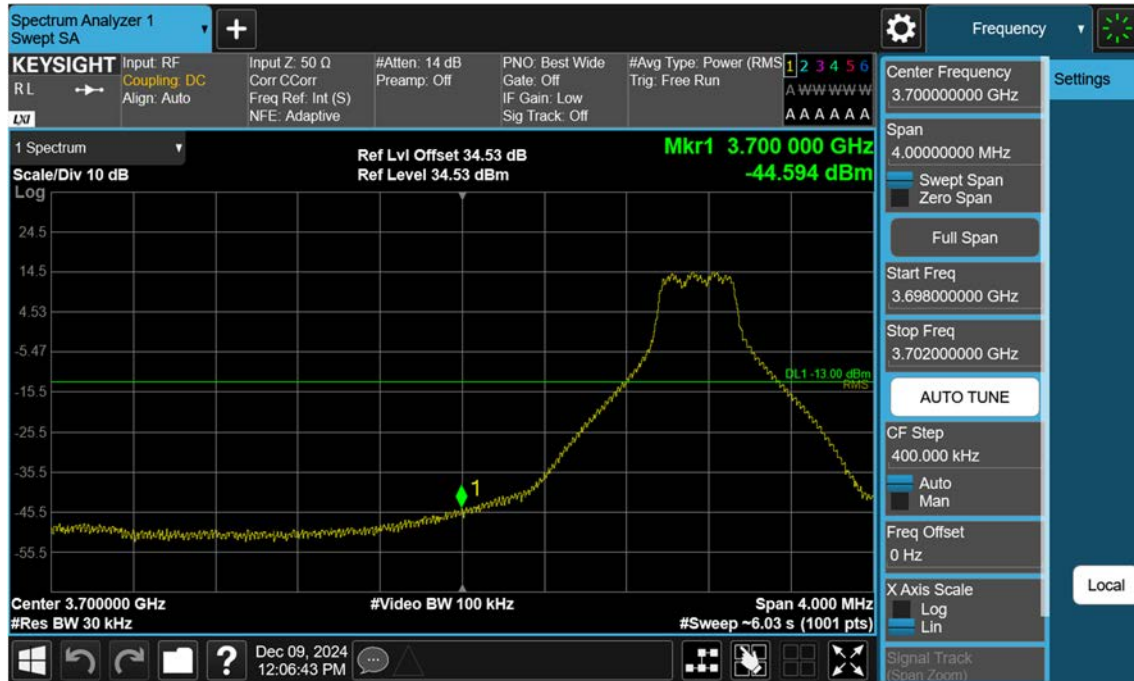
n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_1RB(3)



n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_FullRB(1)



n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_1RB(1)



n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_FullRB(2)



n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_1RB(2)



n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_FullRB(3)



n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_1RB(3)



n77(3700~3980 MHz)_30 M_Band Edge_High_BPSK_FullRB(1)



[illegible]

n77(3700~3980 MHz)_30 M_Band Edge_High_BPSK_FullRB(2)



n77(3700~3980 MHz)_30 M_Band Edge_High_BPSK_1RB(2)



n77(3700~3980 MHz)_30 M_Band Edge_High_BPSK_FullRB(3)

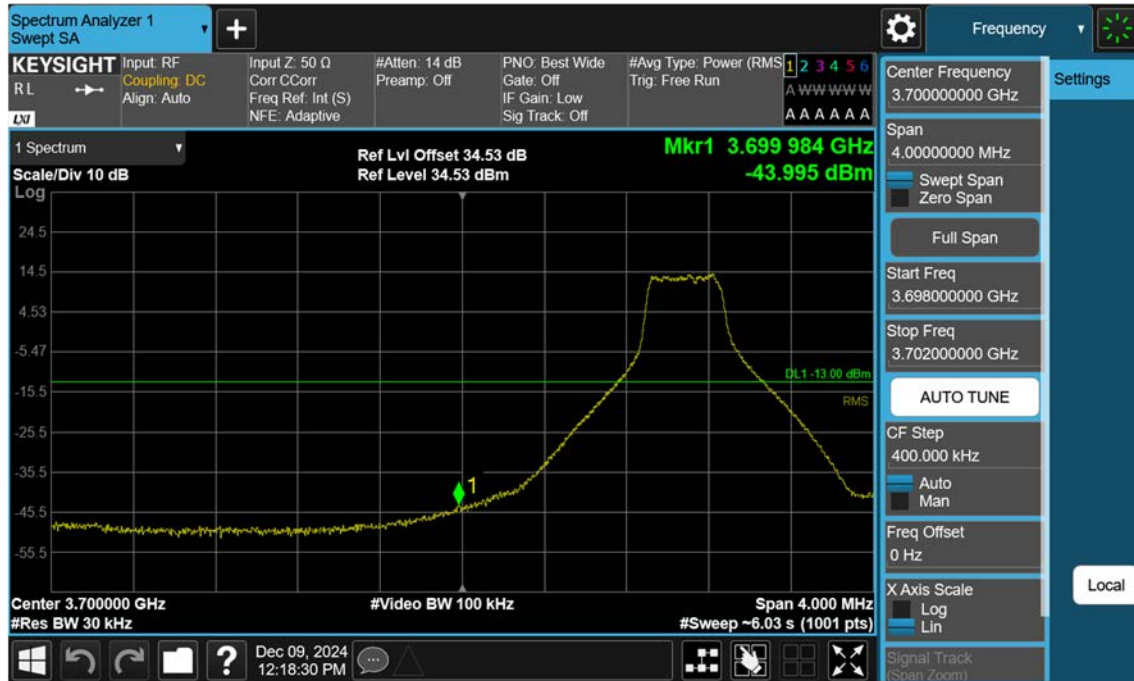


The screenshot displays the Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a peak at 3.99282 GHz, labeled 'Mkr1 3.992 82 GHz -30.397 dBm'. The plot is set to a scale of 10 dB and a resolution bandwidth of 3.0 MHz. The frequency range is from 3.98500 GHz to 4.10000 GHz. The plot shows a noisy signal with a peak at 3.99282 GHz. The peak is labeled 'Mkr1 3.992 82 GHz -30.397 dBm'. The plot is set to a scale of 10 dB and a resolution bandwidth of 3.0 MHz. The frequency range is from 3.98500 GHz to 4.10000 GHz. The plot shows a noisy signal with a peak at 3.99282 GHz.

n77(3700~3980 MHz)_40 M_Band Edge_Low_BPSK_FullRB(1)



n77(3700~3980 MHz)_40 M_Band Edge_Low_BPSK_1RB(1)



n77(3700~3980 MHz)_40 M_Band Edge_Low_BPSK_FullRB(2)



n77(3700~3980 MHz)_40 M_Band Edge_Low_BPSK_1RB(2)

