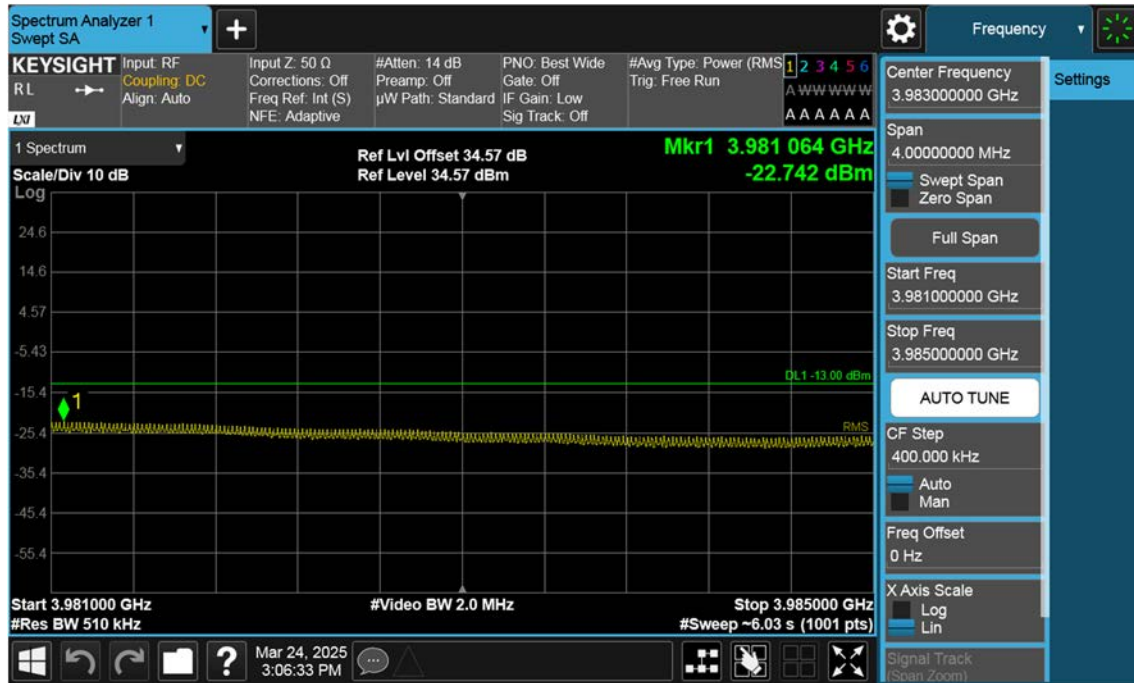


n77(3700~3980 MHz)_30 M_Band Edge_High_BPSK_FullRB(2)



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



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



n77(3700~3980 MHz)_30 M_Band Edge_High_BPSK_1RB(3)



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)



n77(3700~3980 MHz)_40 M_Band Edge_Low_BPSK_FullRB(3)



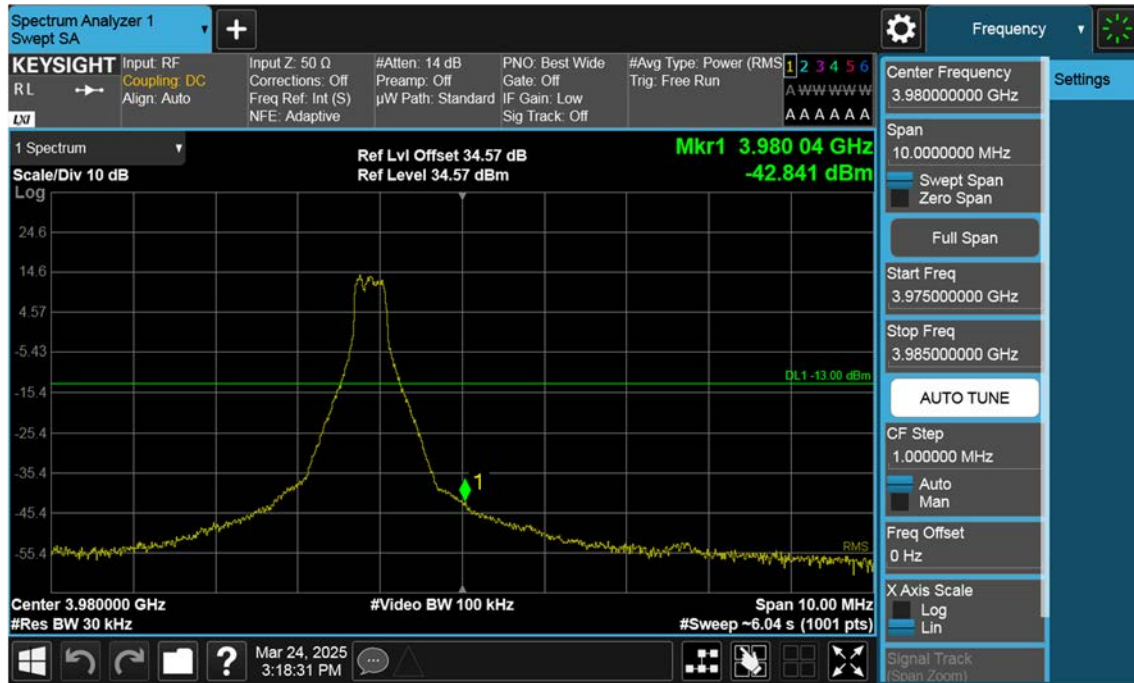
n77(3700~3980 MHz)_40 M_Band Edge_Low_BPSK_1RB(3)



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



n77(3700~3980 MHz)_40 M_Band Edge_High_BPSK_1RB(1)



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



n77(3700~3980 MHz)_40 M_Band Edge_High_BPSK_1RB(2)



n77(3700~3980 MHz)_40 M_Band Edge_High_BPSK_FullRB(3)



n77(3700~3980 MHz)_40 M_Band Edge_High_BPSK_1RB(3)



n77(3700~3980 MHz)_50 M_Band Edge_Low_BPSK_FullRB(1)



n77(3700~3980 MHz)_50 M_Band Edge_Low_BPSK_1RB(1)



n77(3700~3980 MHz)_50 M_Band Edge_Low_BPSK_FullRB(2)



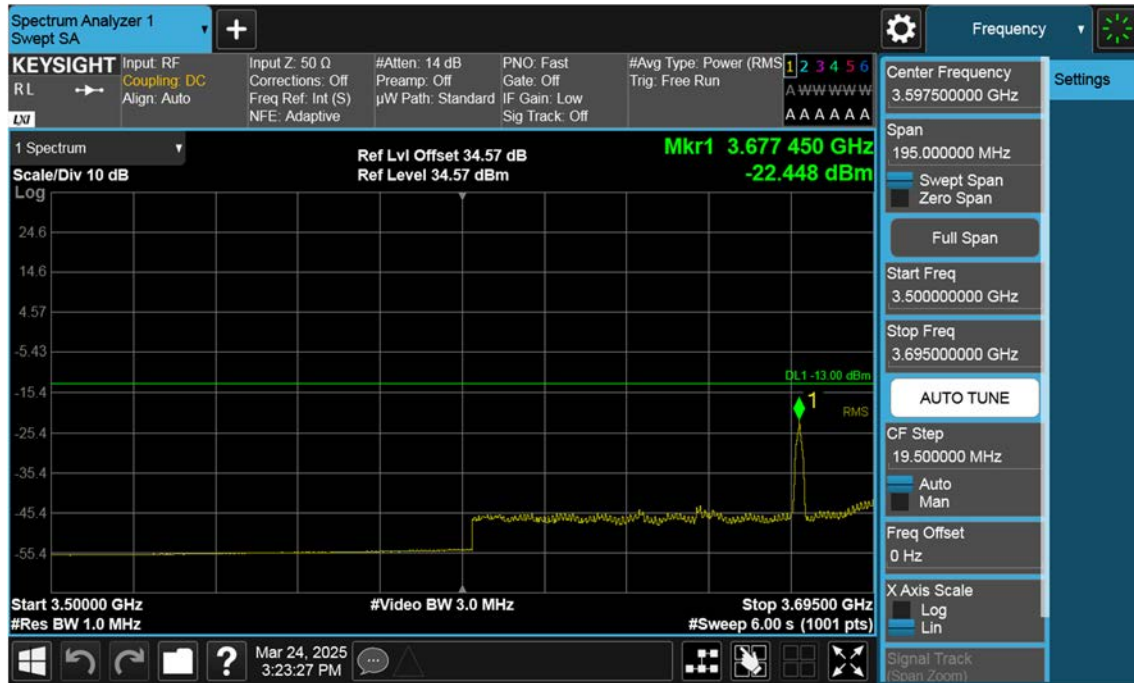
n77(3700~3980 MHz)_50 M_Band Edge_Low_BPSK_1RB(2)



n77(3700~3980 MHz)_50 M_Band Edge_Low_BPSK_FullRB(3)



n77(3700~3980 MHz)_50 M_Band Edge_Low_BPSK_1RB(3)



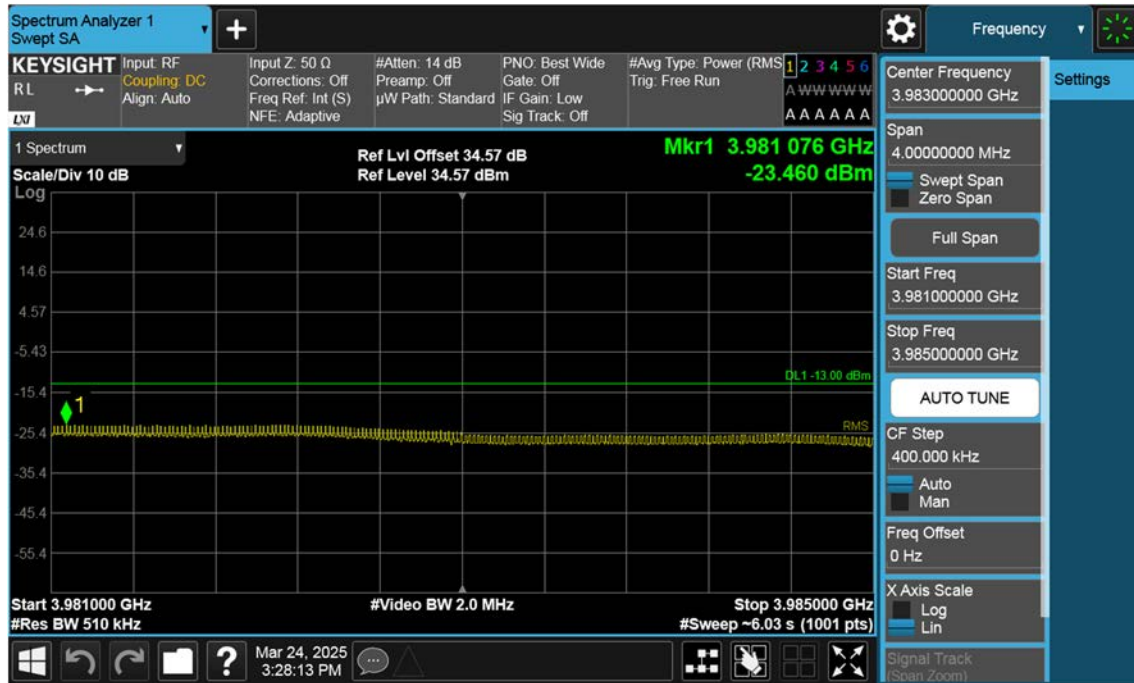
n77(3700~3980 MHz)_50 M_Band Edge_High_BPSK_FullRB(1)



n77(3700~3980 MHz)_50 M_Band Edge_High_BPSK_1RB(1)



n77(3700~3980 MHz)_50 M_Band Edge_High_BPSK_FullRB(2)



n77(3700~3980 MHz)_50 M_Band Edge_High_BPSK_1RB(2)



n77(3700~3980 MHz)_50 M_Band Edge_High_BPSK_FullRB(3)



n77(3700~3980 MHz)_50 M_Band Edge_High_BPSK_1RB(3)



n77(3700~3980 MHz)_60 M_Band Edge_Low_BPSK_FullRB(1)



n77(3700~3980 MHz)_60 M_Band Edge_Low_BPSK_1RB(1)



n77(3700~3980 MHz)_60 M_Band Edge_Low_BPSK_FullRB(2)

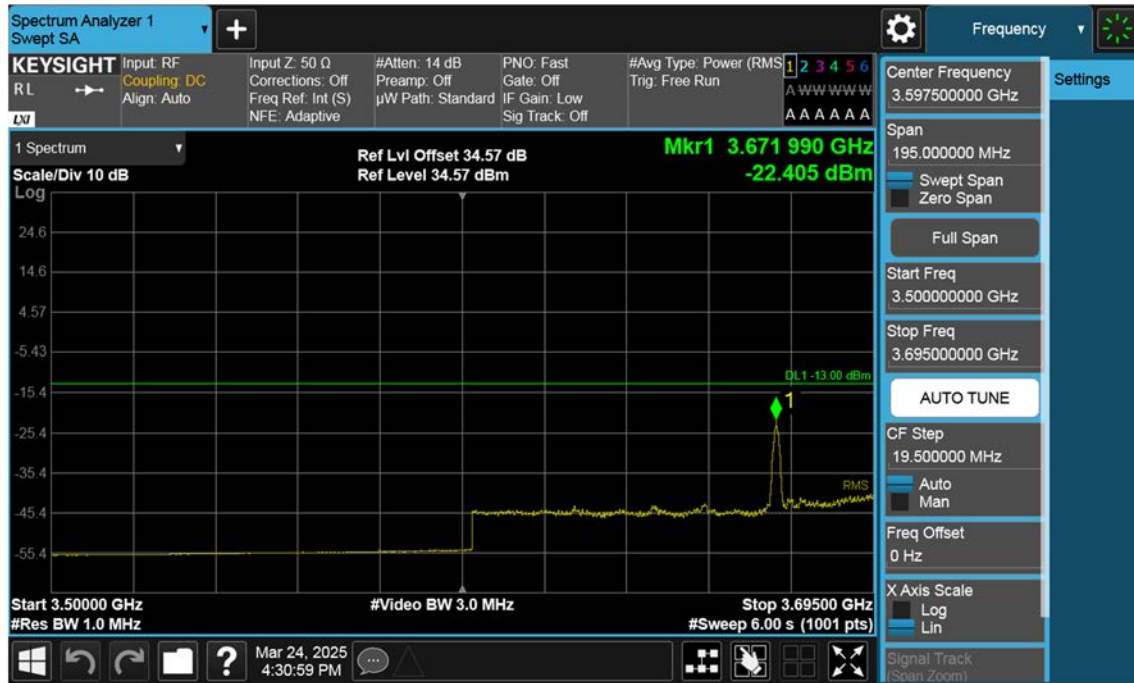


The screenshot displays the Keysight Spectrum Analyzer interface. The main display area shows a spectrum plot with a horizontal green line at 3.699 GHz, labeled "Mkr1 3.699 000 GHz -34.996 dBm". The plot has a scale of 10 dB and a resolution bandwidth (RBW) of 2.0 MHz. The frequency range is from 3.695 GHz to 3.699 GHz. The signal level is approximately -35 dBm. The interface includes various control panels on the right for settings like Center Frequency, Span, and Auto Tune. The bottom status bar shows the start and stop frequencies, resolution bandwidth, and sweep time.

n77(3700~3980 MHz)_60 M_Band Edge_Low_BPSK_FullRB(3)



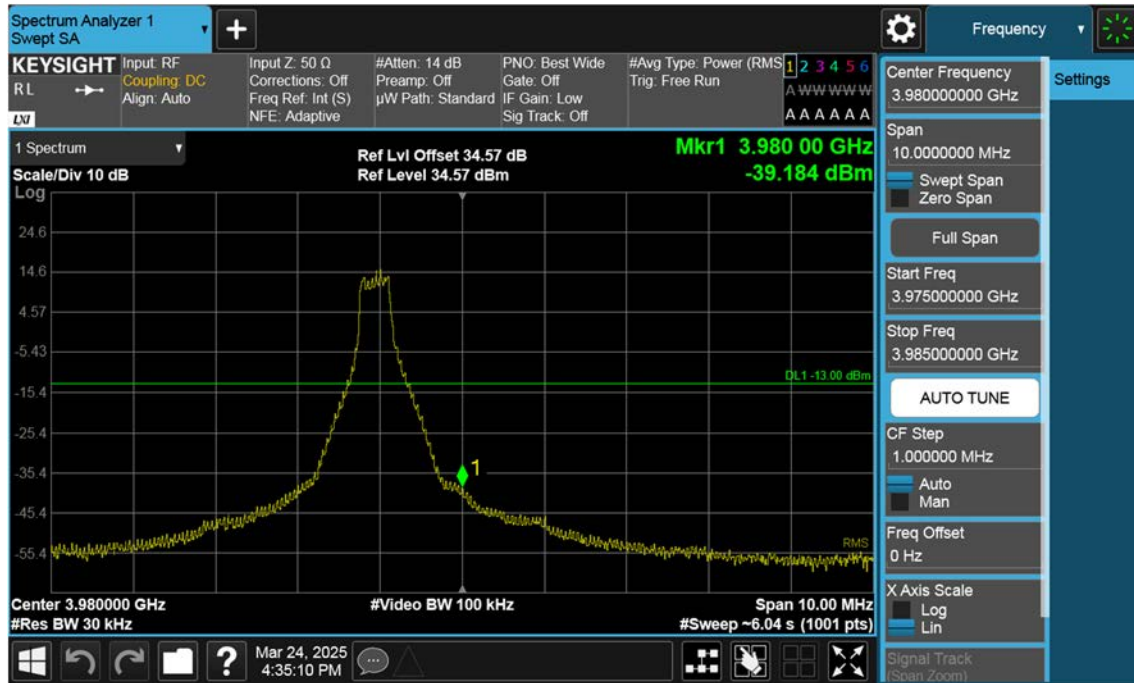
n77(3700~3980 MHz)_60 M_Band Edge_Low_BPSK_1RB(3)



n77(3700~3980 MHz)_60 M_Band Edge_High_BPSK_FullRB(1)



n77(3700~3980 MHz)_60 M_Band Edge_High_BPSK_1RB(1)



n77(3700~3980 MHz)_60 M_Band Edge_High_BPSK_FullRB(2)



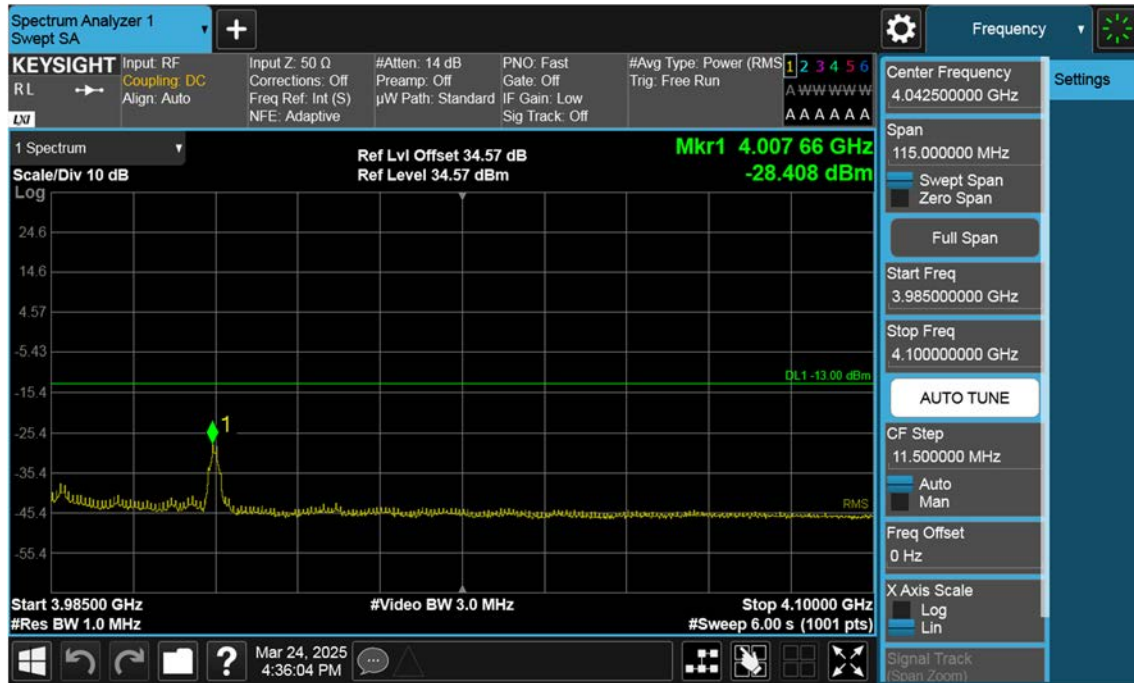
n77(3700~3980 MHz)_60 M_Band Edge_High_BPSK_1RB(2)



n77(3700~3980 MHz)_60 M_Band Edge_High_BPSK_FullRB(3)



n77(3700~3980 MHz)_60 M_Band Edge_High_BPSK_1RB(3)



n77(3700~3980 MHz)_70 M_Band Edge_Low_BPSK_FullRB(1)



n77(3700~3980 MHz)_70 M_Band Edge_Low_BPSK_1RB(1)



n77(3700~3980 MHz)_70 M_Band Edge_Low_BPSK_FullRB(2)



n77(3700~3980 MHz)_70 M_Band Edge_Low_BPSK_1RB(2)



n77(3700~3980 MHz)_70 M_Band Edge_Low_BPSK_FullRB(3)



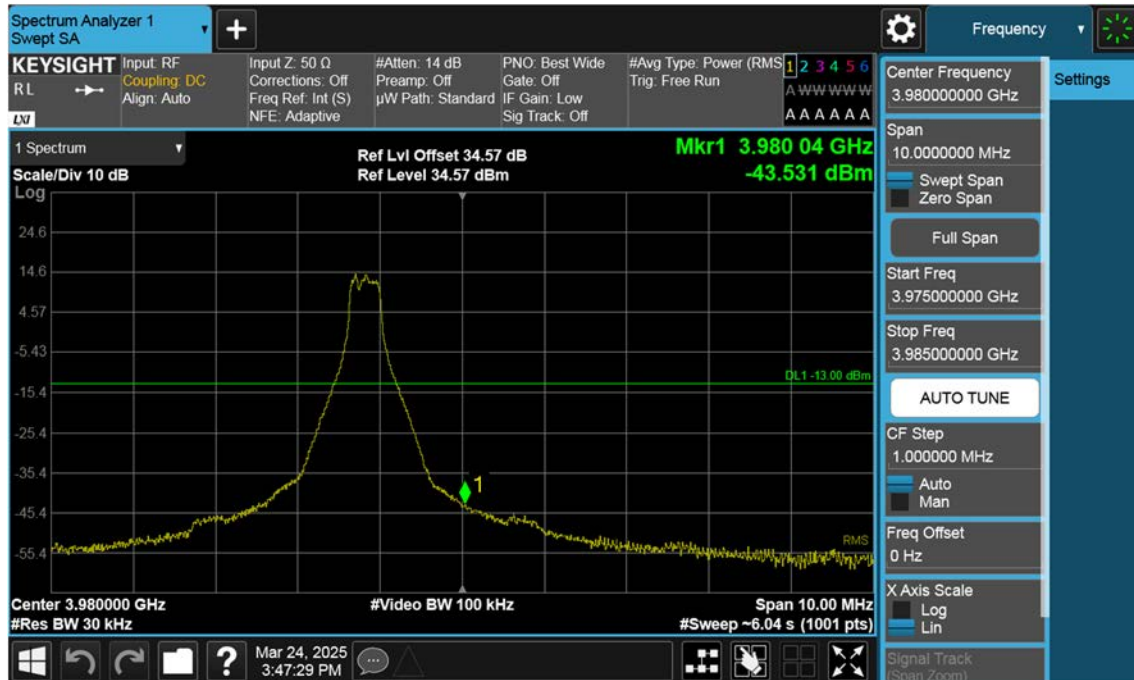
n77(3700~3980 MHz)_70 M_Band Edge_Low_BPSK_1RB(3)



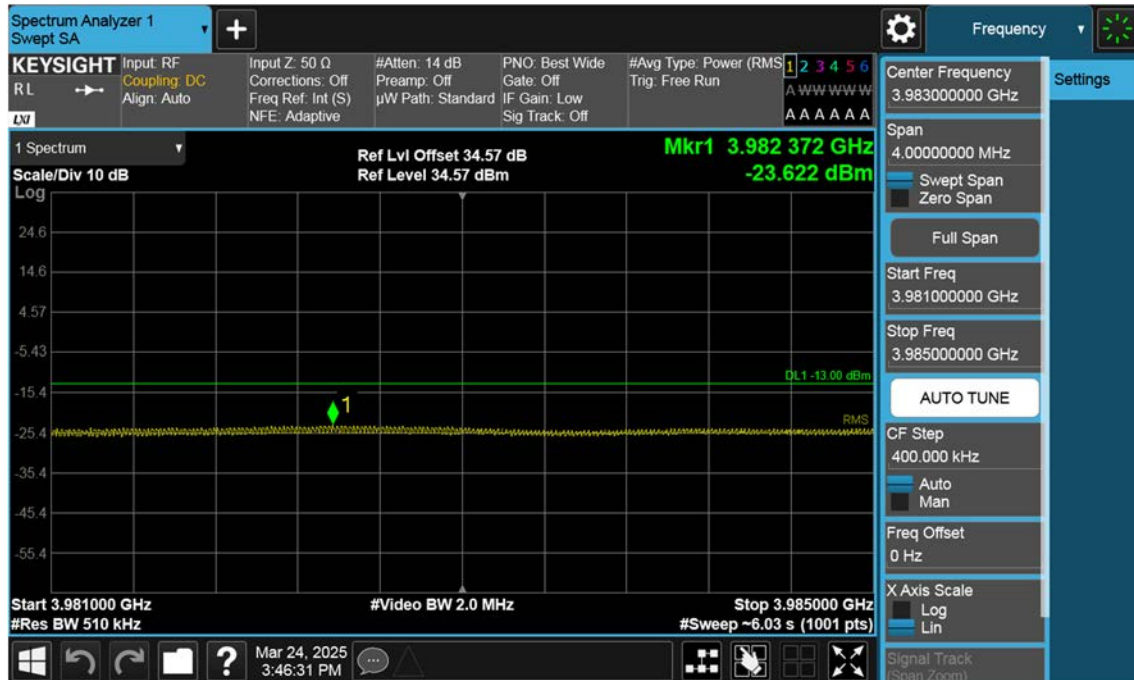
The screenshot displays a Spectrum Analyzer interface with the following components:

- Top Bar:** Includes a "Spectrum Analyzer 1" title, a "+" button, and a "Frequency" dropdown menu.
- Input/Settings Section:**
 - Input:** RF, Coupling: DC, Align: Auto.
 - Input Z:** 50 Ω .
 - Corrections:** Off.
 - Freq Ref:** Int (S).
 - NFE:** Adaptive.
 - #Atten:** 14 dB.
 - Preamp:** Off.
 - μ W Path:** Standard.
 - PNO:** Best Wide.
 - Gate:** Off.
 - IF Gain:** Low.
 - Sig Track:** Off.
 - #Avg Type:** Power (RMS).
 - Trig:** Free Run.
- Marker Data:**
 - Mkr1:** 3.982 33 GHz, -23.996 dBm.
 - DL1:** -13.00 dBm.
- Scale/Div:** 10 dB.
- Log Scale:** The y-axis is labeled "Log".
- Y-axis Range:** -55.4 to 24.6 dBm.
- X-axis Range:** Center 3.980000 GHz, Span 10.00 MHz.
- Resolution Bandwidth (Res BW):** 360 kHz.
- Video Bandwidth (Video BW):** 1.2 MHz.
- Sweep Time:** ~6.04 s (1001 pts).
- Right Panel (Settings):**
 - Center Frequency:** 3.98000000 GHz.
 - Span:** 10.0000000 MHz.
 - Swept Span:** Zero Span.
 - Full Span:** Button.
 - Start Freq:** 3.975000000 GHz.
 - Stop Freq:** 3.985000000 GHz.
 - AUTO TUNE:** Button.
 - CF Step:** 1.000000 MHz.
 - Auto/Man:** Toggle.
 - Freq Offset:** 0 Hz.
 - X Axis Scale:** Log/Lin toggle.
 - Signal Track:** (Span Zoom).

n77(3700~3980 MHz)_70 M_Band Edge_High_BPSK_1RB(1)



n77(3700~3980 MHz)_70 M_Band Edge_High_BPSK_FullRB(2)



n77(3700~3980 MHz)_70 M_Band Edge_High_BPSK_1RB(2)



n77(3700~3980 MHz)_70 M_Band Edge_High_BPSK_FullRB(3)



n77(3700~3980 MHz)_70 M_Band Edge_High_BPSK_1RB(3)



n77(3700~3980 MHz)_80 M_Band Edge_Low_BPSK_FullRB(1)



n77(3700~3980 MHz)_80 M_Band Edge_Low_BPSK_1RB(1)



n77(3700~3980 MHz)_80 M_Band Edge_Low_BPSK_FullRB(2)



n77(3700~3980 MHz)_80 M_Band Edge_Low_BPSK_1RB(2)



n77(3700~3980 MHz)_80 M_Band Edge_Low_BPSK_FullRB(3)



n77(3700~3980 MHz)_80 M_Band Edge_Low_BPSK_1RB(3)



n77(3700~3980 MHz)_80 M_Band Edge_High_BPSK_FullRB(1)



n77(3700~3980 MHz)_80 M_Band Edge_High_BPSK_1RB(1)



n77(3700~3980 MHz)_80 M_Band Edge_High_BPSK_FullRB(2)



The screenshot displays the Keysight Spectrum Analyzer interface. The main display shows a signal trace at 3.981008 GHz with a power level of -35.559 dBm. The trace is labeled 'Mkr1' and 'DL1 -13.00 dBm'. The frequency range is from 3.980500000 GHz to 3.981500000 GHz. The scale is set to 10 dB, and the resolution bandwidth (RBW) is 2.0 MHz. The video bandwidth (VBW) is 2.0 MHz. The sweep time is approximately 6.03 seconds. The interface includes various control panels on the right for settings like Center Frequency, Span, Start Freq, Stop Freq, CF Step, Freq Offset, X Axis Scale, and Signal Track. The bottom status bar shows the date and time as Mar 24, 2025, 3:58:13 PM.

n77(3700~3980 MHz)_80 M_Band Edge_High_BPSK_FullRB(3)



n77(3700~3980 MHz)_80 M_Band Edge_High_BPSK_1RB(3)



n77(3700~3980 MHz)_90 M_Band Edge_Low_BPSK_FullRB(1)



n77(3700~3980 MHz)_90 M_Band Edge_Low_BPSK_1RB(1)



n77(3700~3980 MHz)_90 M_Band Edge_Low_BPSK_FullRB(2)



n77(3700~3980 MHz)_90 M_Band Edge_Low_BPSK_1RB(2)



n77(3700~3980 MHz)_90 M_Band Edge_Low_BPSK_FullRB(3)



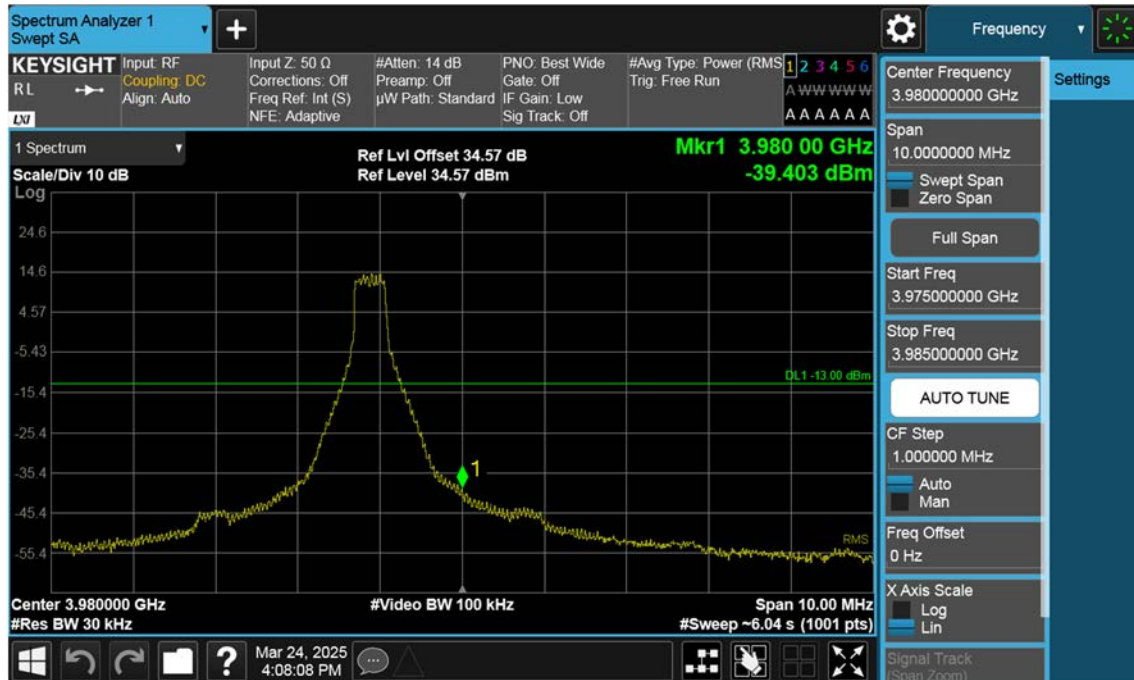
n77(3700~3980 MHz)_90 M_Band Edge_Low_BPSK_1RB(3)



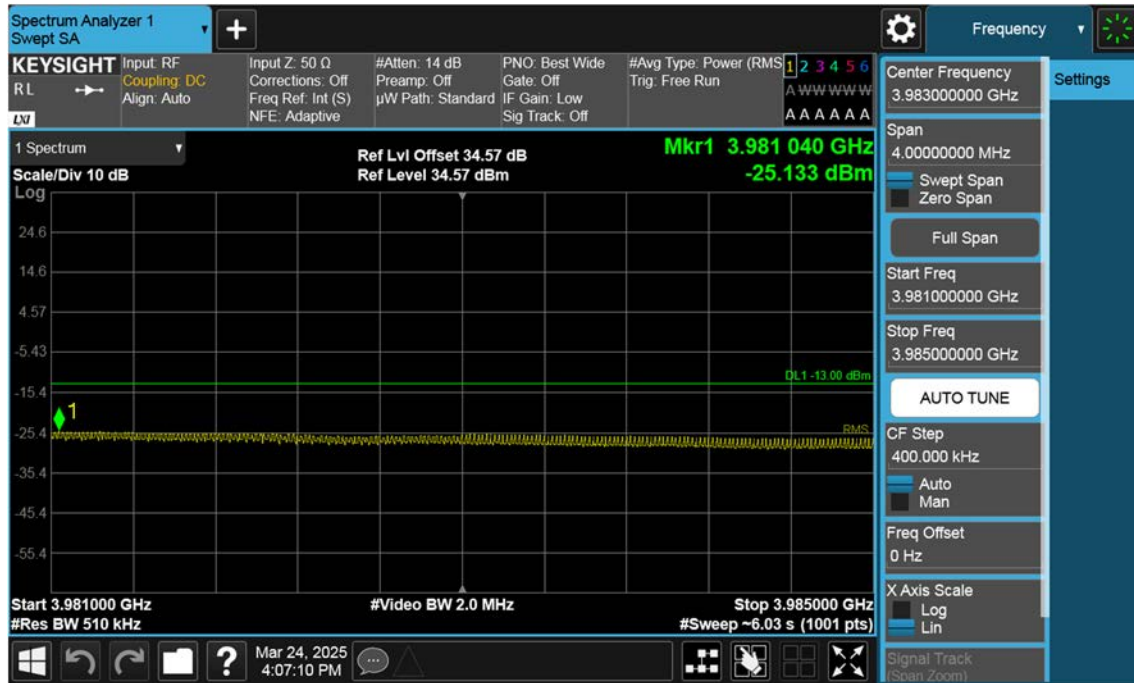
n77(3700~3980 MHz)_90 M_Band Edge_High_BPSK_FullRB(1)



n77(3700~3980 MHz)_90 M_Band Edge_High_BPSK_1RB(1)



n77(3700~3980 MHz)_90 M_Band Edge_High_BPSK_FullRB(2)



The screenshot displays the Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a yellow trace representing the signal. The plot is set to a scale of 10 dB and a resolution bandwidth (RBW) of 2.0 MHz. The signal is centered at 3.981008 GHz with a power level of -34.414 dBm. The plot shows a flat baseline at -55.4 dBm and a noise floor at -45.4 dBm. The signal is labeled 'Mkr1 3.981 008 GHz -34.414 dBm'. The interface includes various control panels on the right for settings like Center Frequency, Span, and Auto Tune. The bottom status bar shows the start and stop frequencies, resolution bandwidth, and sweep time.

Keysight Spectrum Analyzer 1
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 14 dB
Preamp: Off
μW Path: Standard
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 A A A A A A

1 Spectrum
Scale/Div 10 dB
Log

Ref Lvl Offset 34.57 dB
Ref Level 34.57 dBm

Mkr1 3.981 008 GHz
-34.414 dBm

DL1 -13.00 dBm

Start 3.981000 GHz
#Res BW 510 kHz

#Video BW 2.0 MHz

Stop 3.985000 GHz
#Sweep ~6.03 s (1001 pts)

Center Frequency
3.983000000 GHz

Span
4.000000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
3.981000000 GHz

Stop Freq
3.985000000 GHz

AUTO TUNE

CF Step
400.000 kHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Spa, Z, Norm)