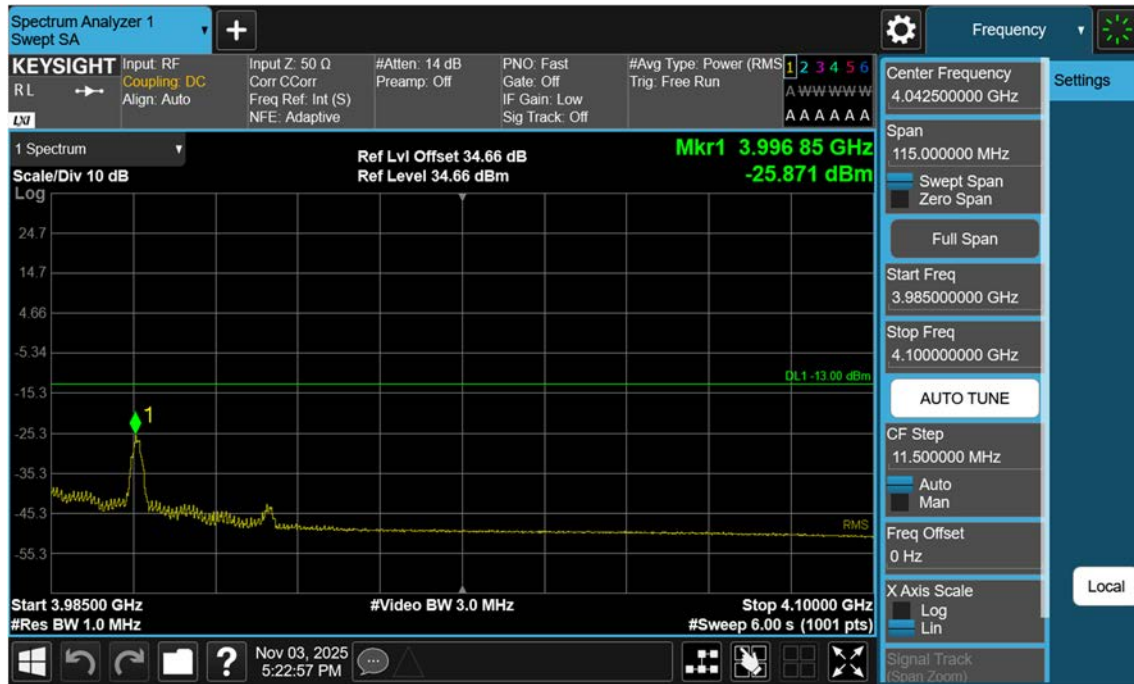


NR n77(78)(3700~3980 MHz)_40 M_Band Edge_High_PI/2 BPSK_FullRB(3)



NR n77(78)(3700~3980 MHz)_40 M_Band Edge_High_PI/2 BPSK_1RB(3)



NR n77(78)(3700~3980 MHz)_50 M_Band Edge_Low_PI/2 BPSK_FullRB(1)



NR n77(78)(3700~3980 MHz)_50 M_Band Edge_Low_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_50 M_Band Edge_Low_PI/2 BPSK_FullRB(2)



NR n77(78)(3700~3980 MHz)_50 M_Band Edge_Low_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_50 M_Band Edge_Low_PI/2 BPSK_FullRB(3)



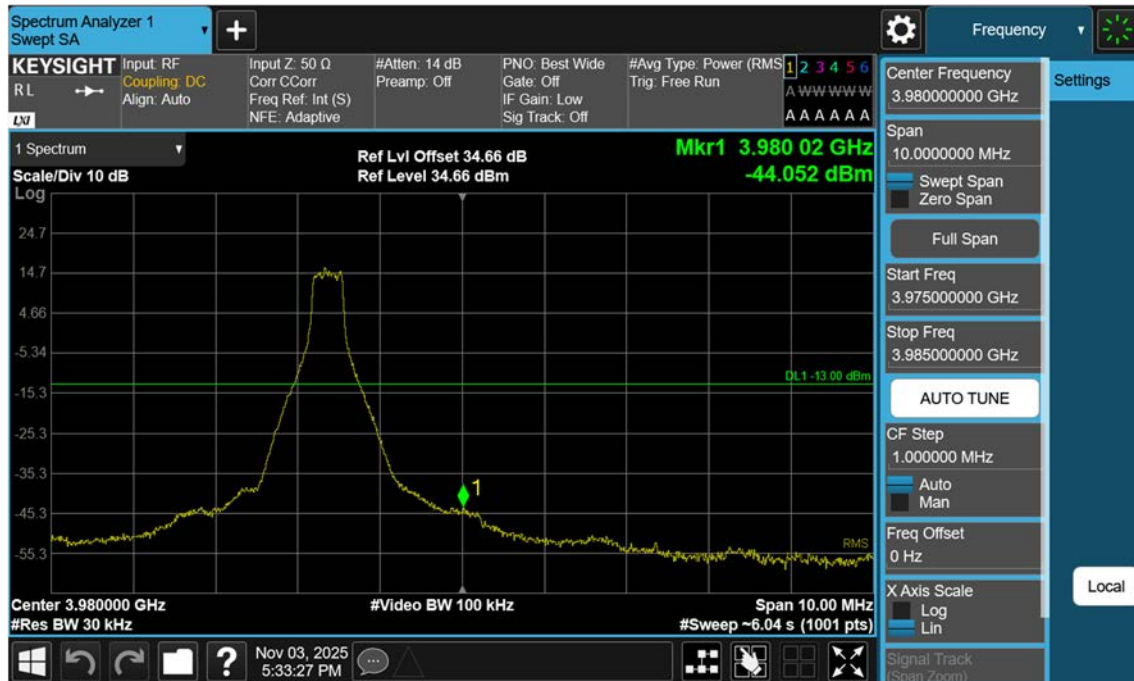
NR n77(78)(3700~3980 MHz)_50 M_Band Edge_Low_PI/2 BPSK_1RB(3)



NR n77(78)(3700~3980 MHz)_50 M_Band Edge_High_PI/2 BPSK_FullRB(1)



NR n77(78)(3700~3980 MHz)_50 M_Band Edge_High_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_50 M_Band Edge_High_PI/2 BPSK_FullRB(2)



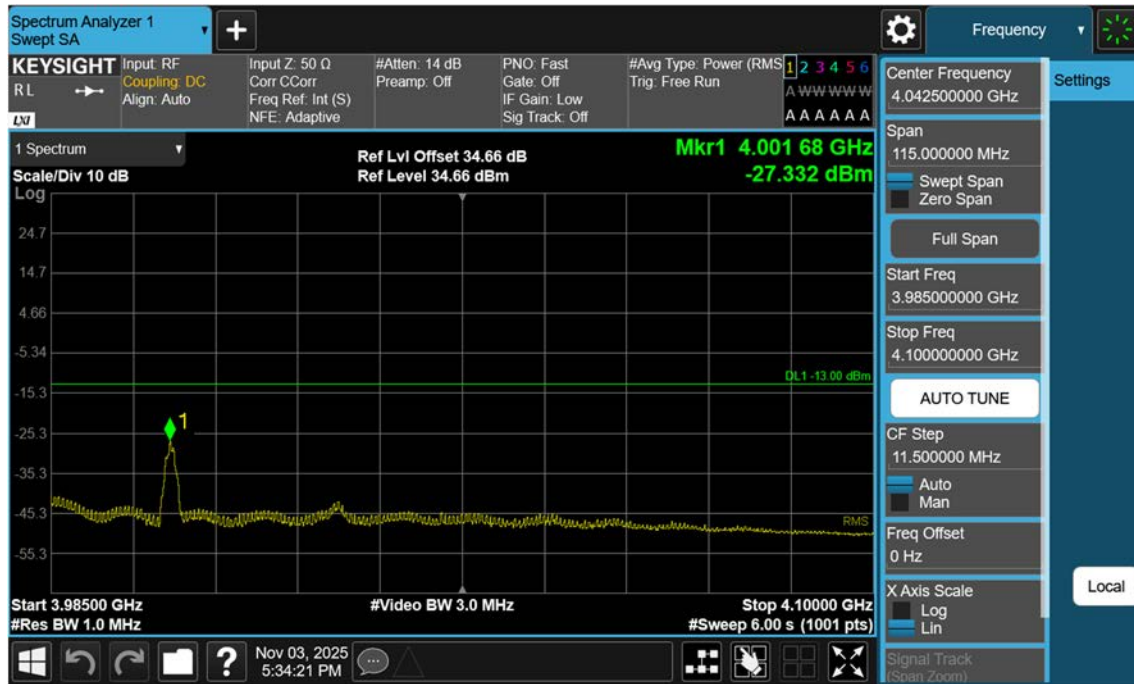
NR n77(78)(3700~3980 MHz)_50 M_Band Edge_High_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_50 M_Band Edge_High_PI/2 BPSK_FullRB(3)



NR n77(78)(3700~3980 MHz)_50 M_Band Edge_High_PI/2 BPSK_1RB(3)



NR n77(78)(3700~3980 MHz)_60 M_Band Edge_Low_PI/2 BPSK_FullRB(1)



NR n77(78)(3700~3980 MHz)_60 M_Band Edge_Low_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_60 M_Band Edge_Low_PI/2 BPSK_FullRB(2)



NR n77(78)(3700~3980 MHz)_60 M_Band Edge_Low_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_60 M_Band Edge_Low_PI/2 BPSK_FullRB(3)

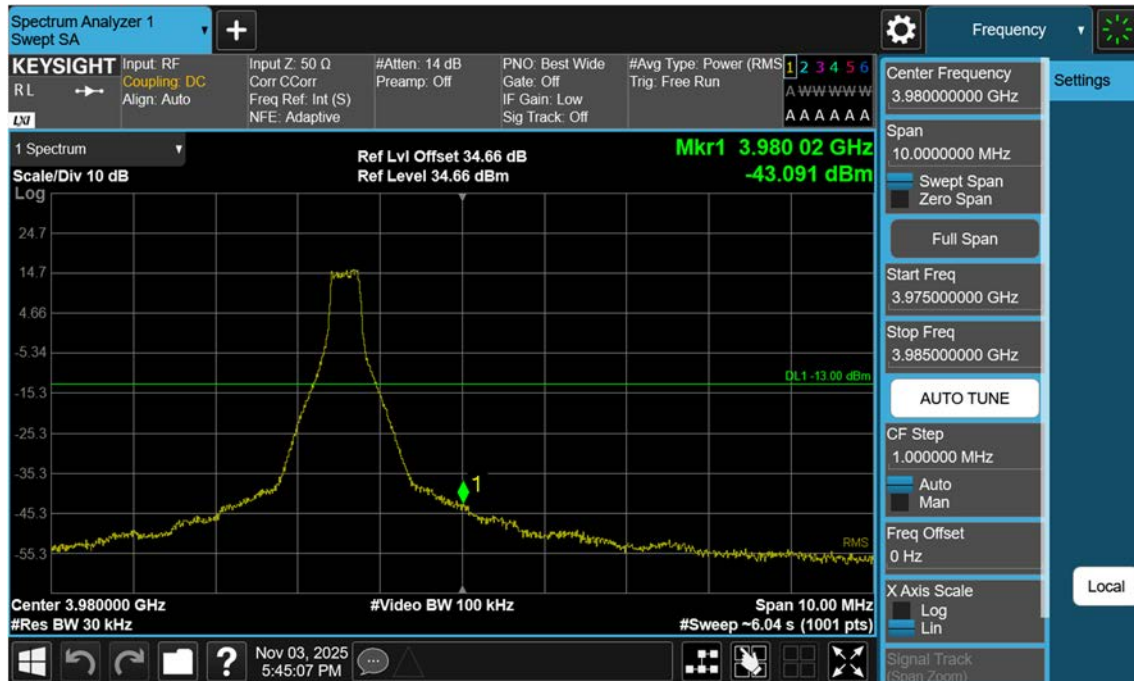


NR n77(78)(3700~3980 MHz)_60 M_Band Edge_Low_PI/2 BPSK_1RB(3)



The screenshot displays a Spectrum Analyzer interface. At the top, the title bar reads "Spectrum Analyzer 1 Swept SA". Below this, the "KEYSIGHT" logo is visible. The main display area shows a spectrum plot with a yellow trace. A green horizontal line indicates the reference level at -13.00 dBm. A yellow marker labeled "1" is positioned on the trace at a level of -24.014 dBm. The plot's center frequency is 3.980000 GHz, and the span is 10.000000 MHz. The scale/div is set to 10 dB, and the log scale is selected. The video bandwidth is 1.2 MHz, and the resolution bandwidth is 360 kHz. The sweep time is approximately 6.04 seconds (1001 pts). The interface includes various control panels on the right for settings like Center Frequency, Span, Full Span, Start Freq, Stop Freq, AUTO TUNE, CF Step, Auto Man, Freq Offset, X Axis Scale, and Signal Track. The bottom status bar shows the date and time as Nov 03, 2025, 5:43:38 PM.

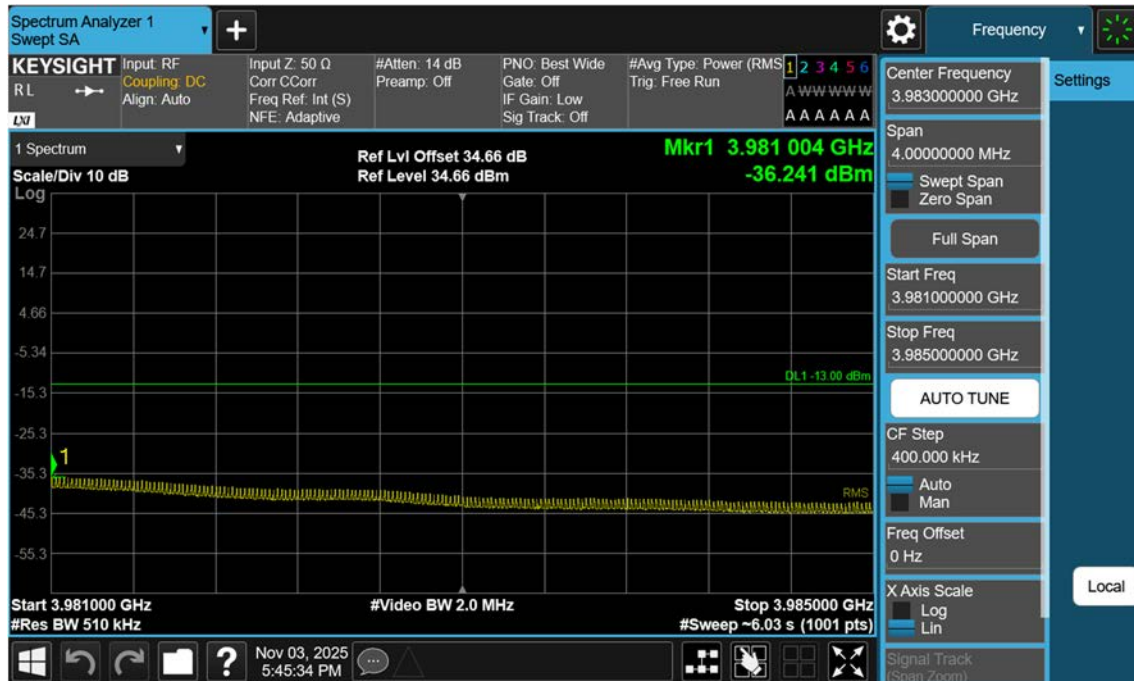
NR n77(78)(3700~3980 MHz)_60 M_Band Edge_High_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_60 M_Band Edge_High_PI/2 BPSK_FullRB(2)



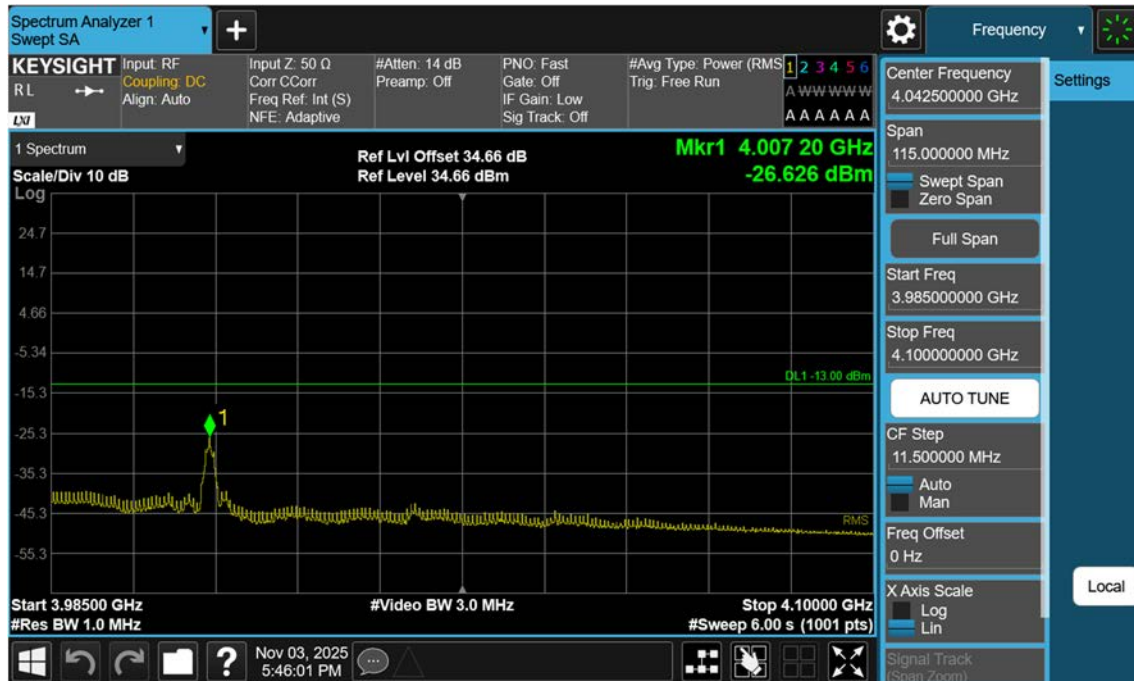
NR n77(78)(3700~3980 MHz)_60 M_Band Edge_High_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_60 M_Band Edge_High_PI/2 BPSK_FullRB(3)



NR n77(78)(3700~3980 MHz)_60 M_Band Edge_High_PI/2 BPSK_1RB(3)



NR n77(78)(3700~3980 MHz)_70 M_Band Edge_Low_PI/2 BPSK_FullRB(1)



NR n77(78)(3700~3980 MHz)_70 M_Band Edge_Low_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_70 M_Band Edge_Low_PI/2 BPSK_FullRB(2)



NR n77(78)(3700~3980 MHz)_70 M_Band Edge_Low_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_70 M_Band Edge_Low_PI/2 BPSK_FullRB(3)



Spectrum Analyzer 1
Swept SA

Input: RF
Coupling: DC
Align: Auto

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

#Atten: 14 dB
Preamp: Off

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

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

Center Frequency
3.597500000 GHz

Span
195.000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
3.500000000 GHz

Stop Freq
3.695000000 GHz

AUTO TUNE

CF Step
19.500000 MHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span, Z, noise)

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 34.66 dB

Ref Level 34.66 dBm

Mkr1 3.667 895 GHz
-28.308 dBm

DL1 -13.00 dBm

Start 3.50000 GHz
#Res BW 1.0 MHz

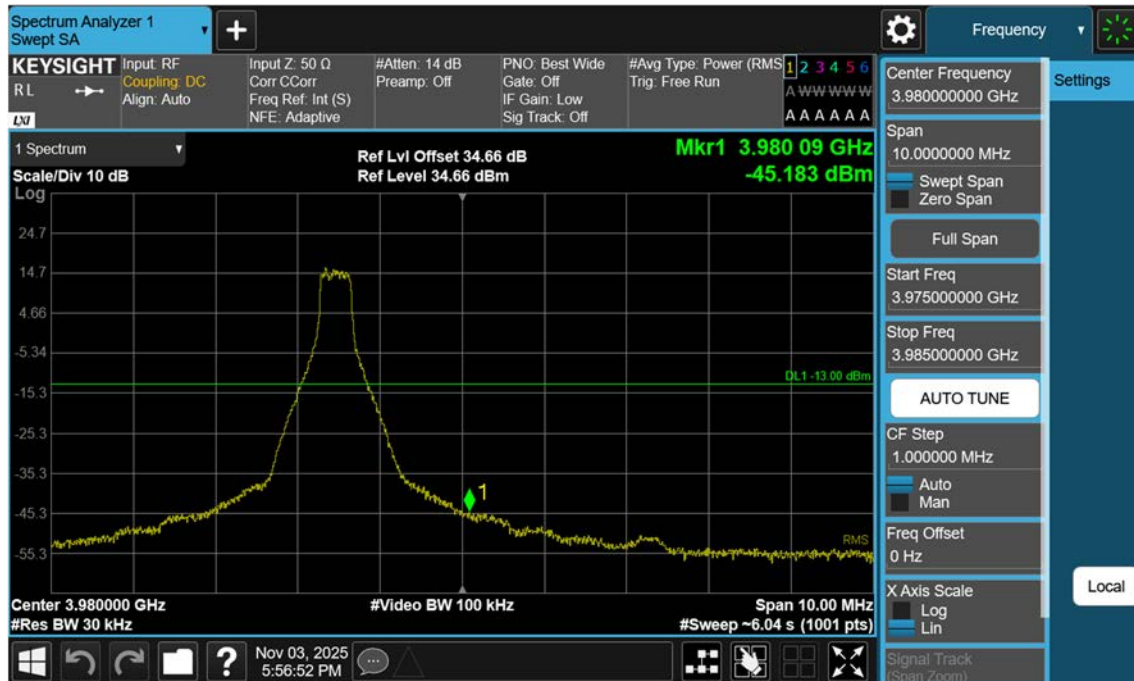
#Video BW 3.0 MHz

Stop 3.69500 GHz
#Sweep 6.00 s (1001 pts)

NR n77(78)(3700~3980 MHz)_70 M_Band Edge_High_PI/2 BPSK_FullRB(1)



NR n77(78)(3700~3980 MHz)_70 M_Band Edge_High_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_70 M_Band Edge_High_PI/2 BPSK_FullRB(2)



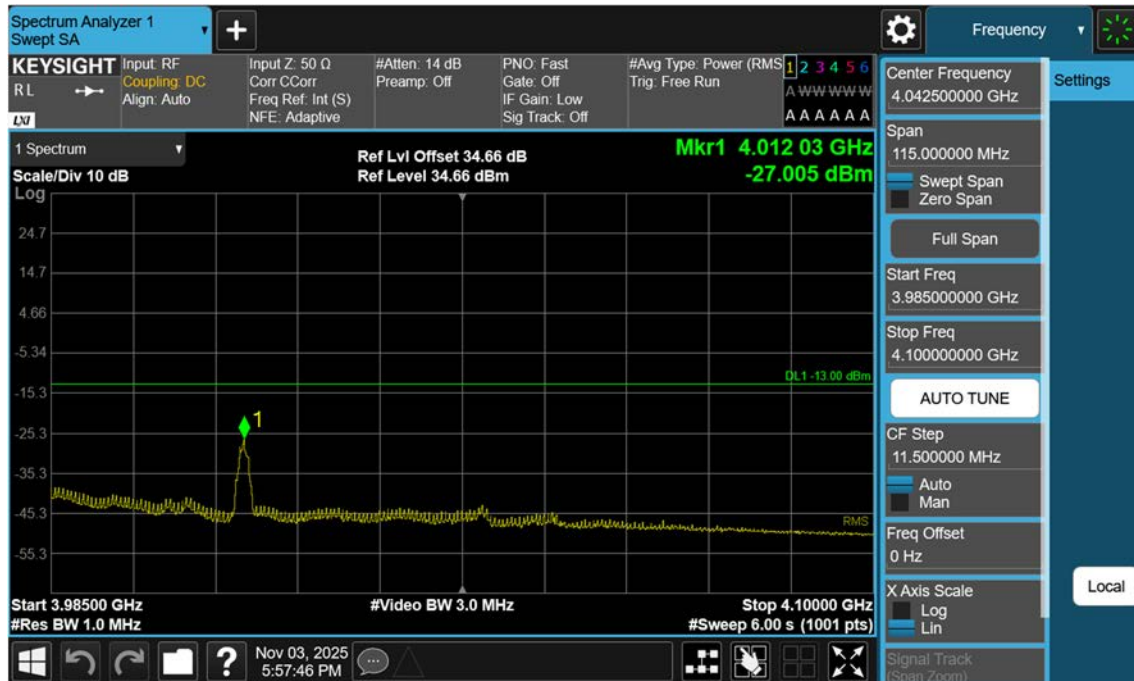
NR n77(78)(3700~3980 MHz)_70 M_Band Edge_High_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_70 M_Band Edge_High_PI/2 BPSK_FullRB(3)



NR n77(78)(3700~3980 MHz)_70 M_Band Edge_High_PI/2 BPSK_1RB(3)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_Low_PI/2 BPSK_FullRB(1)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_Low_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_Low_PI/2 BPSK_FullRB(2)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_Low_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_Low_PI/2 BPSK_FullRB(3)



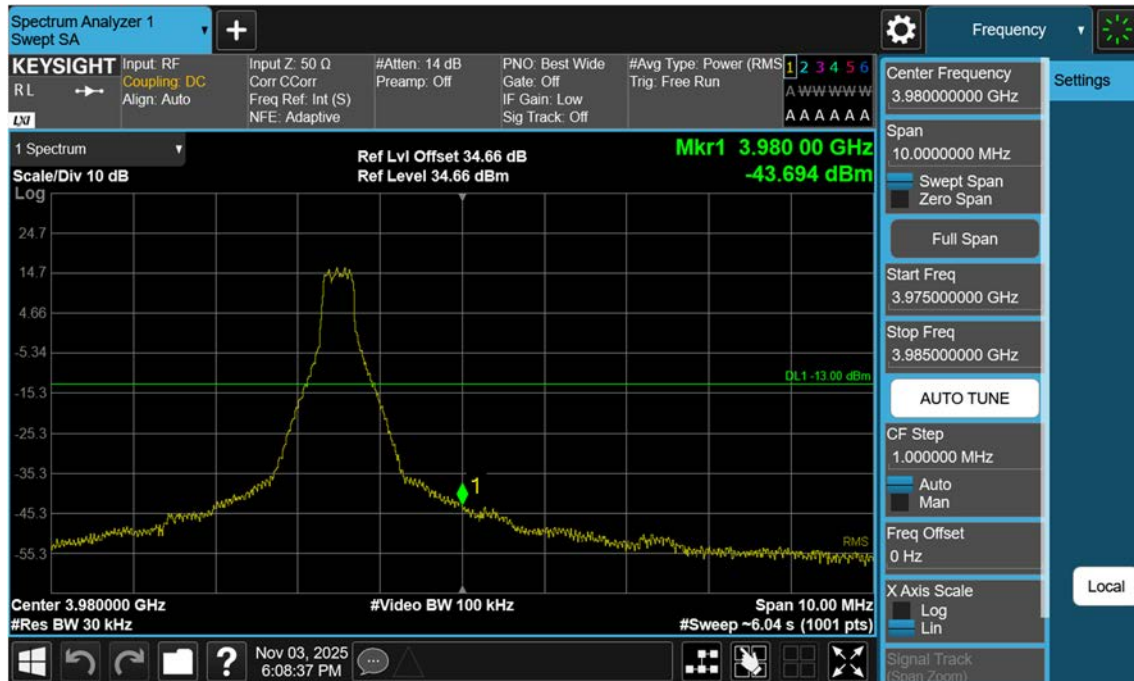
NR n77(78)(3700~3980 MHz)_80 M_Band Edge_Low_PI/2 BPSK_1RB(3)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_High_PI/2 BPSK_FullRB(1)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_High_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_High_PI/2 BPSK_FullRB(2)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_High_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_High_PI/2 BPSK_FullRB(3)



NR n77(78)(3700~3980 MHz)_80 M_Band Edge_High_PI/2 BPSK_1RB(3)



NR n77(78)(3700~3980 MHz)_90 M_Band Edge_Low_PI/2 BPSK_FullRB(1)



NR n77(78)(3700~3980 MHz)_90 M_Band Edge_Low_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_90 M_Band Edge_Low_PI/2 BPSK_FullRB(2)



NR n77(78)(3700~3980 MHz)_90 M_Band Edge_Low_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_90 M_Band Edge_Low_PI/2 BPSK_FullRB(3)



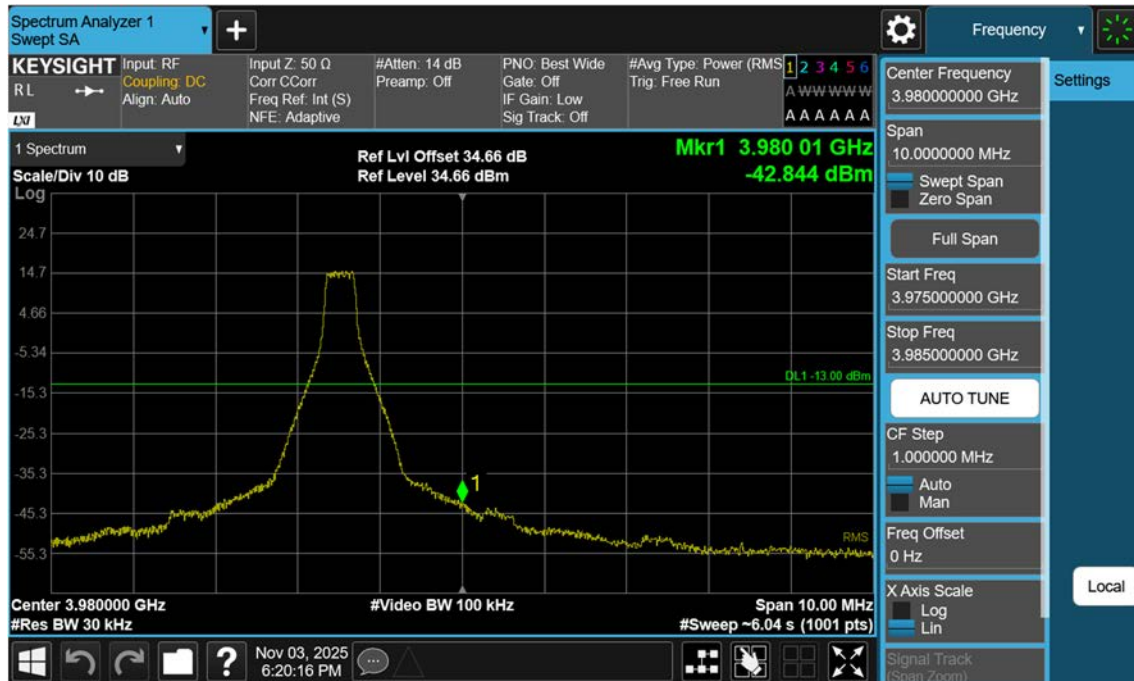
NR n77(78)(3700~3980 MHz)_90 M_Band Edge_Low_PI/2 BPSK_1RB(3)



NR n77(78)(3700~3980 MHz)_90 M_Band Edge_High_PI/2 BPSK_FullRB(1)



NR n77(78)(3700~3980 MHz)_90 M_Band Edge_High_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_90 M_Band Edge_High_PI/2 BPSK_FullIRB(2)



NR n77(78)(3700~3980 MHz)_90 M_Band Edge_High_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_90 M_Band Edge_High_PI/2 BPSK_FullRB(3)



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

- Title Bar:** Spectrum Analyzer 1 Swept SA
- Top Panel:**
 - Input: RF, Coupling: DC, Align: Auto
 - Input Z: 50 Ω , Corr: CCorr, Freq Ref: Int (S), NFE: Adaptive
 - #Atten: 14 dB, Preamp: Off
 - PNO: Fast, Gate: Off, IF Gain: Low, Sig Track: Off
 - #Avg Type: Power (RMS), Trng: Free Run
 - Frequency: 4.02192 GHz (Mkr1)
- Center Panel:**
 - Scale/Div: 10 dB
 - Log
 - Ref Lvl Offset: 34.66 dB, Ref Level: 34.66 dBm
 - Span: 115.000000 MHz
 - Start Freq: 3.98500000 GHz
 - Stop Freq: 4.10000000 GHz
 - AUTO TUNE button
 - CF Step: 11.500000 MHz
 - Auto/Man toggle
 - Freq Offset: 0 Hz
 - X Axis Scale: Log/Lin toggle
- Bottom Panel:**
 - Start: 3.98500 GHz, #Res BW: 1.0 MHz
 - #Video BW: 3.0 MHz
 - Stop: 4.10000 GHz, #Sweep: 6.00 s (1001 pts)
- Signal Trace:** A yellow trace shows a signal with a prominent peak at 4.02192 GHz, labeled Mkr1. The peak level is -27.020 dBm. A green horizontal line indicates the noise floor at -13.00 dBm (DL1).

NR n77(78)(3700~3980 MHz)_100 M_Band Edge_Low_PI/2 BPSK_FullIRB(1)



NR n77(78)(3700~3980 MHz)_100 M_Band Edge_Low_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_100 M_Band Edge_Low_PI/2 BPSK_FullIRB(2)



NR n77(78)(3700~3980 MHz)_100 M_Band Edge_Low_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_100 M_Band Edge_Low_PI/2 BPSK_FullIRB(3)



NR n77(78)(3700~3980 MHz)_100 M_Band Edge_Low_PI/2 BPSK_1RB(3)



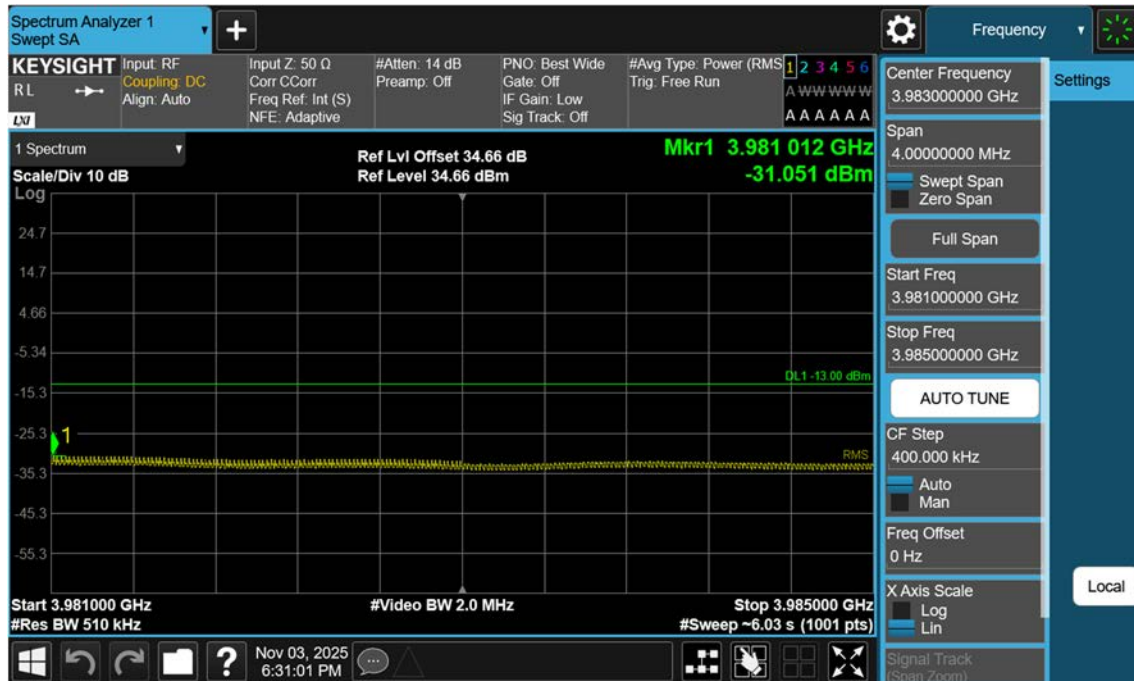
NR n77(78)(3700~3980 MHz)_100 M_Band Edge_High_PI/2 BPSK_FullIRB(1)



NR n77(78)(3700~3980 MHz)_100 M_Band Edge_High_PI/2 BPSK_1RB(1)



NR n77(78)(3700~3980 MHz)_100 M_Band Edge_High_PI/2 BPSK_FullIRB(2)



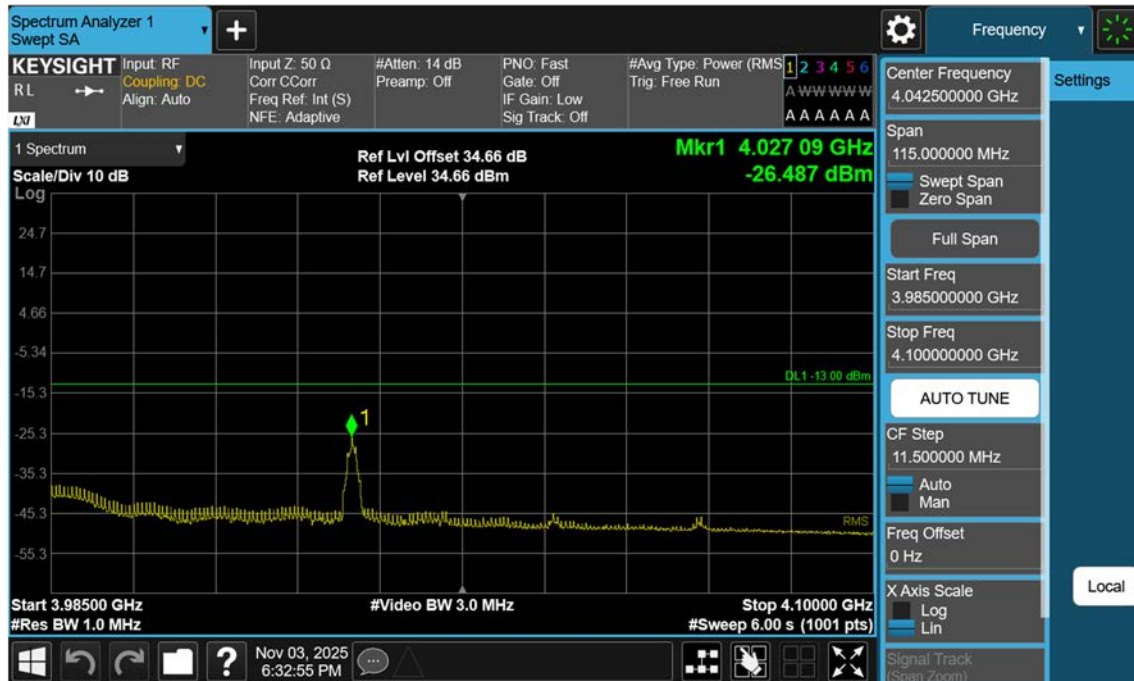
NR n77(78)(3700~3980 MHz)_100 M_Band Edge_High_PI/2 BPSK_1RB(2)



NR n77(78)(3700~3980 MHz)_100 M_Band Edge_High_PI/2 BPSK_FullIRB(3)



NR n77(78)(3700~3980 MHz)_100 M_Band Edge_High_PI/2 BPSK_1RB(3)



12. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2512-FC030-P