

n77(3450~3550 MHz)_70 M_Band Edge_Low_BPSK_FullRB(2)



n77(3450~3550 MHz)_70 M_Band Edge_Low_BPSK_1RB(2)



n77(3450~3550 MHz)_70 M_Band Edge_Low_BPSK_FullRB(3)



n77(3450~3550 MHz)_70 M_Band Edge_Low_BPSK_1RB(3)



Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF
RL **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

1 2 3 4 5 6
A WWW WWW
A A A A A A

Center Frequency
3.55000000 GHz

Span
10.000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
3.545000000 GHz

Stop Freq
3.555000000 GHz

AUTO TUNE

CF Step
1.000000 MHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Sgnal, Z, noise)

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 34.55 dB
Ref Level 34.55 dBm

Mkr1 3.550 08 GHz
-36.537 dBm

DL1 -13.00 dBm

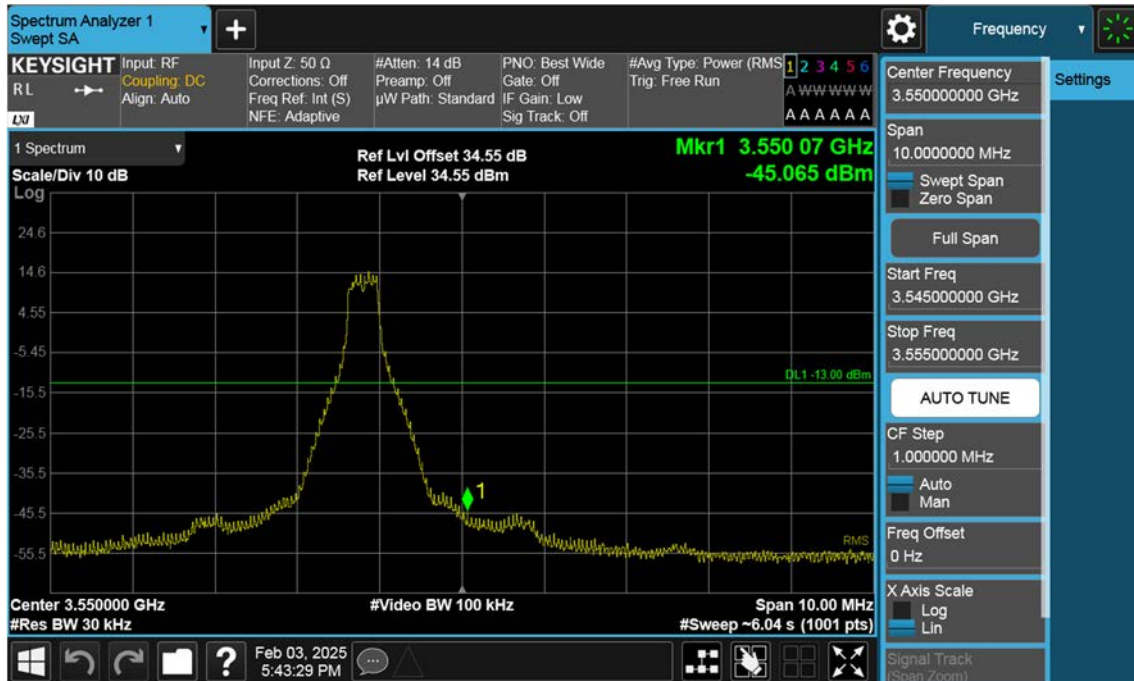
RMS

Center 3.550000 GHz
#Res BW 200 kHz

#Video BW 1.0 MHz

Span 10.00 MHz
#Sweep ~6.04 s (1001 pts)

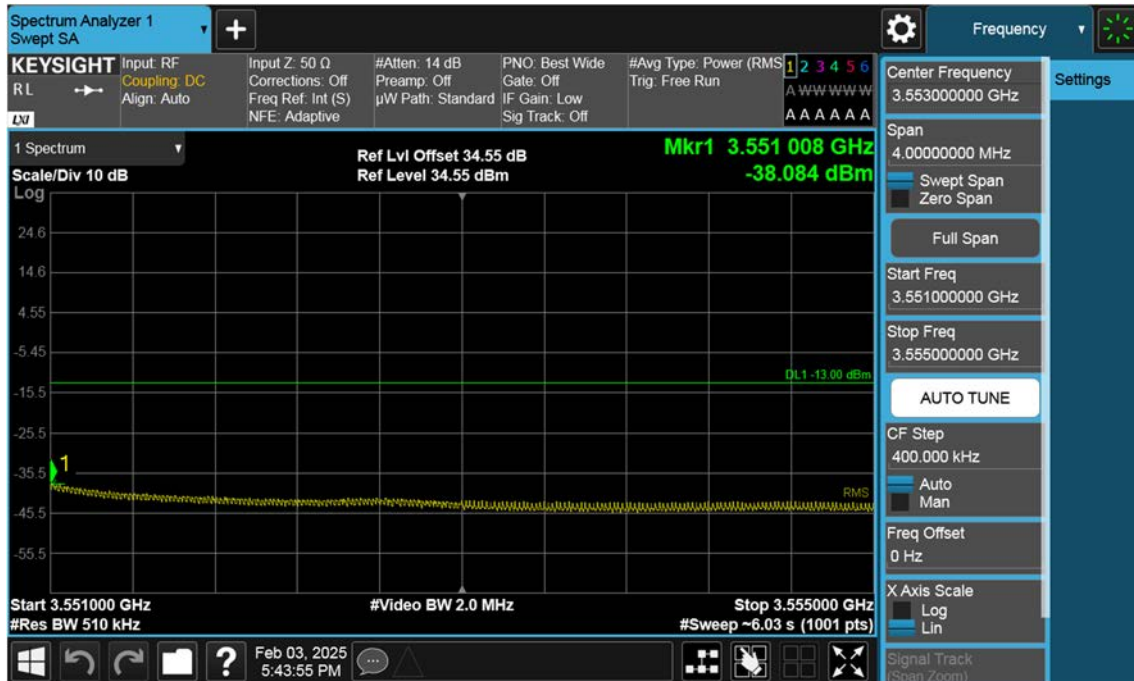
n77(3450~3550 MHz)_70 M_Band Edge_High_BPSK_1RB(1)



n77(3450~3550 MHz)_70 M_Band Edge_High_BPSK_FullRB(2)



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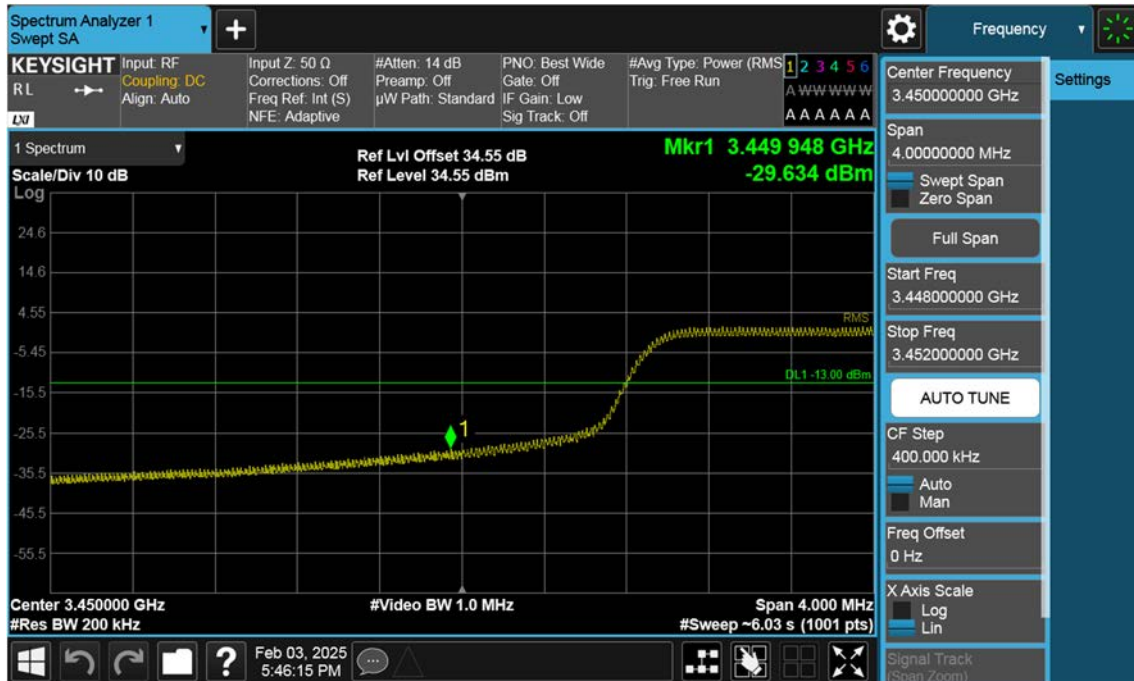
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n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_FullRB(1)



n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_1RB(1)



n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_FullRB(2)



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

- Top Bar:** Includes a "Spectrum Analyzer 1" title, a "Swept SA" dropdown, a "+" button, a "Frequency" dropdown, and a "Settings" icon.
- Input/Configuration 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
- Frequency and Span Controls (Right Side):**
 - Center Frequency: 3.44700000 GHz
 - Span: 4.00000000 MHz
 - Swept Span: ☒ (checked)
 - Zero Span: ☐ (unchecked)
 - Full Span: ☐ (unchecked)
 - Start Freq: 3.445000000 GHz
 - Stop Freq: 3.449000000 GHz
 - AUTO TUNE:
 - CF Step: 400.000 kHz
 - Auto: ☒ (checked)
 - Man: ☐ (unchecked)
 - Freq Offset: 0 Hz
 - X Axis Scale: ☒ Log (checked), ☐ Lin (unchecked)
 - Signal Track: (Spectrum Analyzer)
- Main Display Area:**
 - 1 Spectrum:
 - Scale/Div 10 dB
 - Log: ☒ (checked)
 - Ref Lvl Offset 34.55 dB
 - Ref Level 34.55 dBm
 - Mkr1 3.449 000 GHz
 - 36.753 dBm
 - DL1 -13.00 dBm
 - Start 3.445000 GHz
 - #Res BW 510 kHz
 - #Video BW 2.0 MHz
 - Stop 3.449000 GHz
 - #Sweep ~6.03 s (1001 pts)
- Bottom Bar:** Contains standard Windows taskbar icons (Start, Back, Forward, Home, Search, Task View, etc.) and system clock information (Feb 03, 2025, 5:48:07 PM).

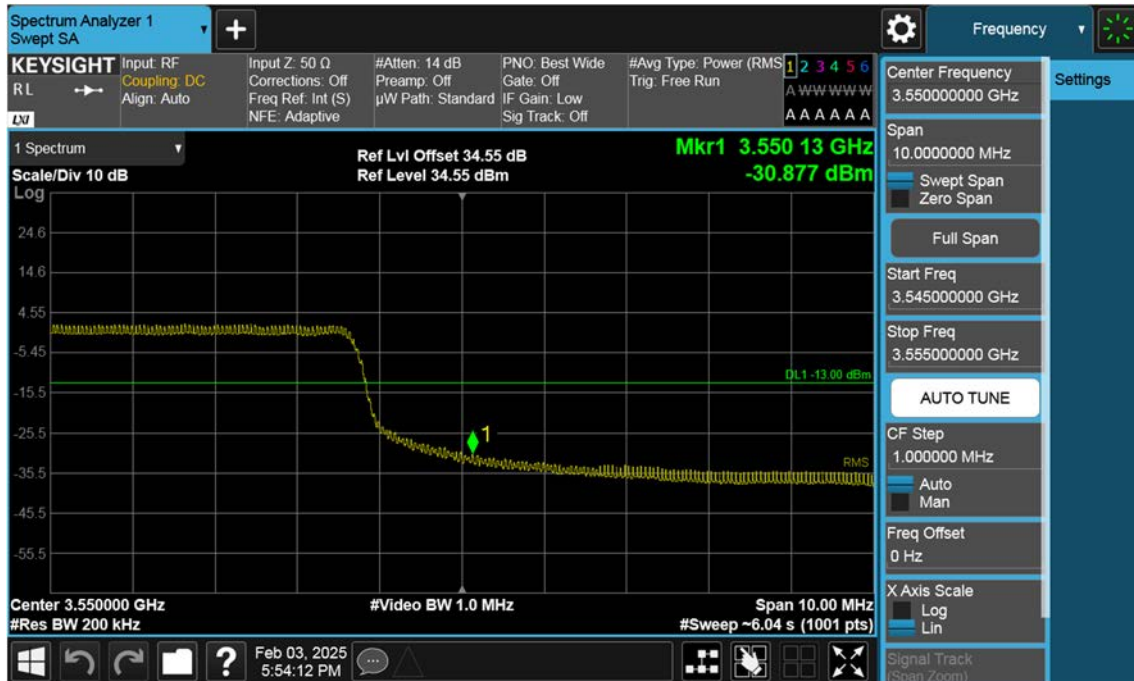
n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_FullRB(3)



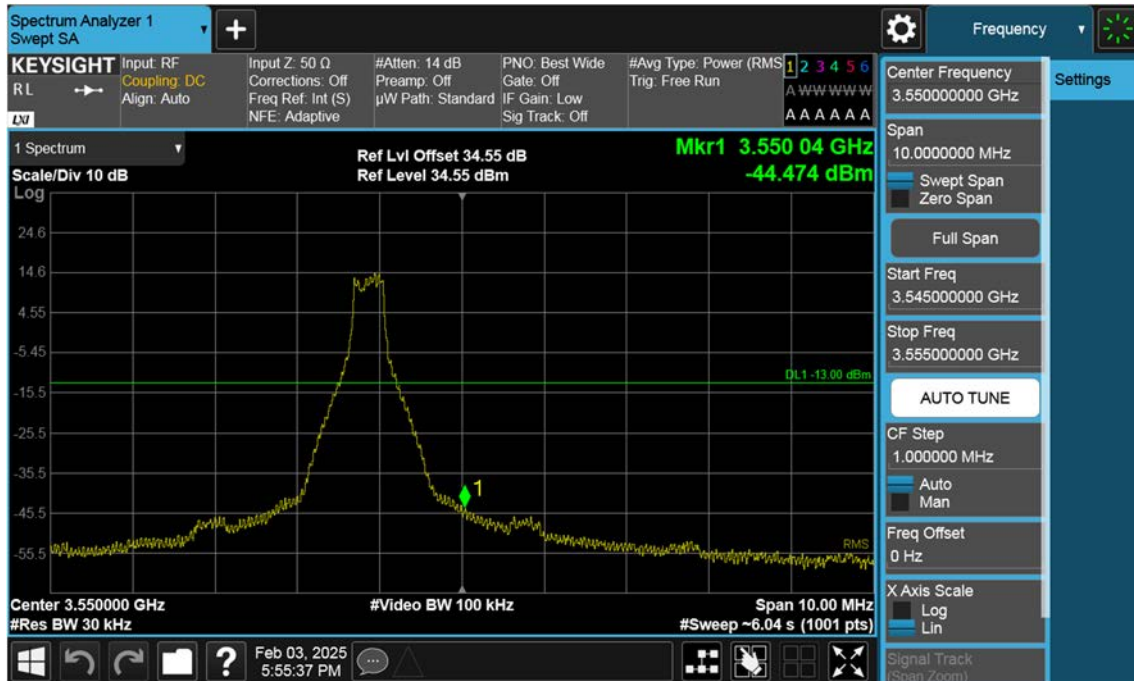
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n77(3450~3550 MHz)_80 M_Band Edge_High_BPSK_FullRB(2)



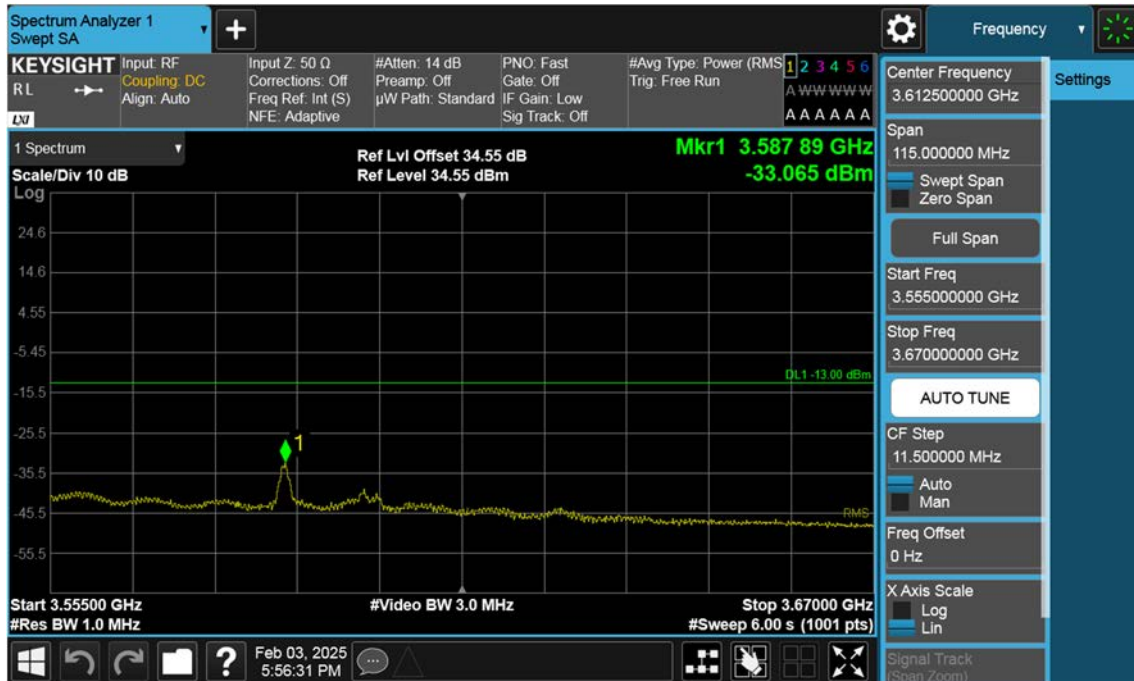
n77(3450~3550 MHz)_80 M_Band Edge_High_BPSK_1RB(2)



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n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_FullRB(1)



n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_1RB(1)



n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_FullRB(2)



n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_1RB(2)



n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_FullRB(3)



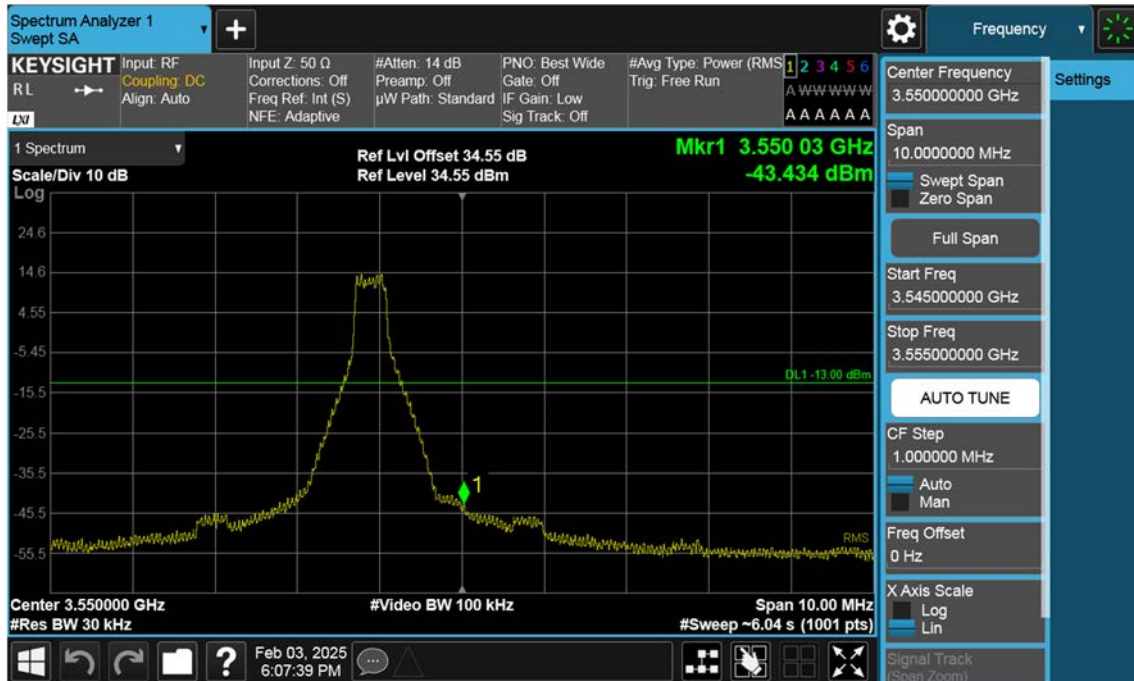
The screenshot displays a Spectrum Analyzer interface. The main display area shows a spectrum plot with a yellow trace. A prominent peak is labeled '1' and has a frequency of 3.406975 GHz and a power level of -31.376 dBm. The plot is set to a scale of 10 dB and a resolution bandwidth (RBW) of 3.0 MHz. The frequency range is from 3.25000 GHz to 3.44500 GHz. The power level is in dBm, ranging from -55.5 to 24.6. The interface includes various control panels on the right for settings like Center Frequency, Span, and Frequency Offset. The top panel shows input and output parameters, and the bottom panel shows the start and stop frequencies and resolution bandwidth.

Parameter	Value
Center Frequency	3.347500000 GHz
Span	195.000000 MHz
Start Freq	3.250000000 GHz
Stop Freq	3.445000000 GHz
Frequency Offset	0 Hz
CF Step	19.500000 MHz
Auto Man	Auto
X Axis Scale	Log
Signal Track	(Spectrum)

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n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_FullRB(1)



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n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_1RB(2)



n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_FullRB(3)



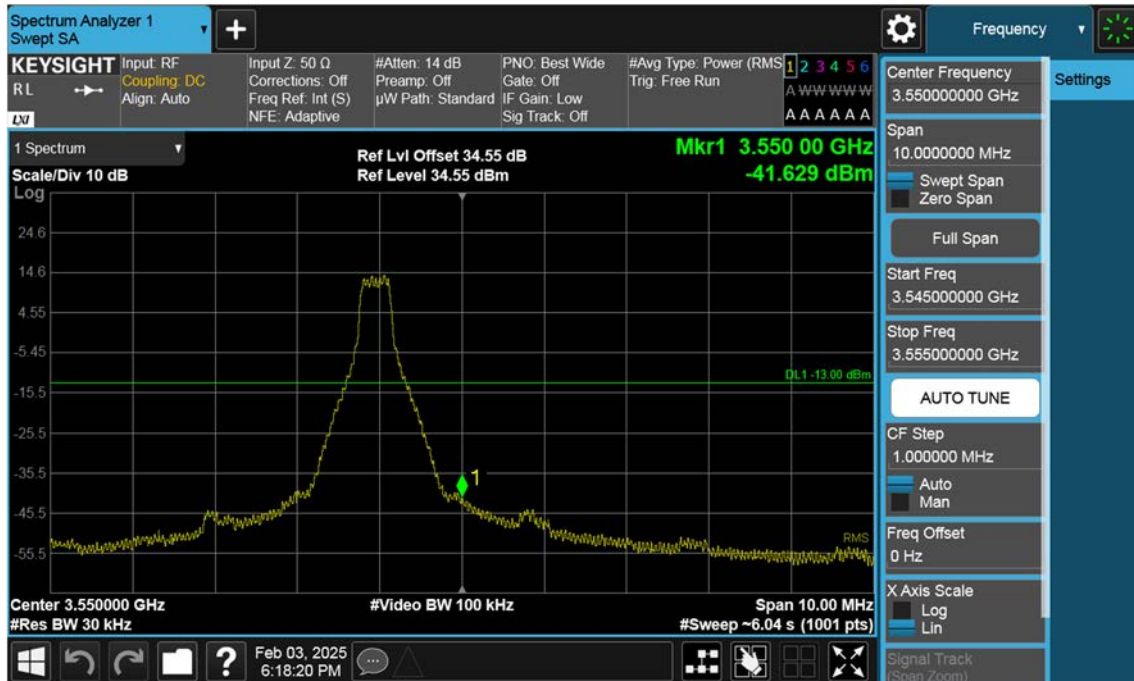
n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_1RB(3)



n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_FullRB(1)



n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_1RB(1)



n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_FullRB(2)



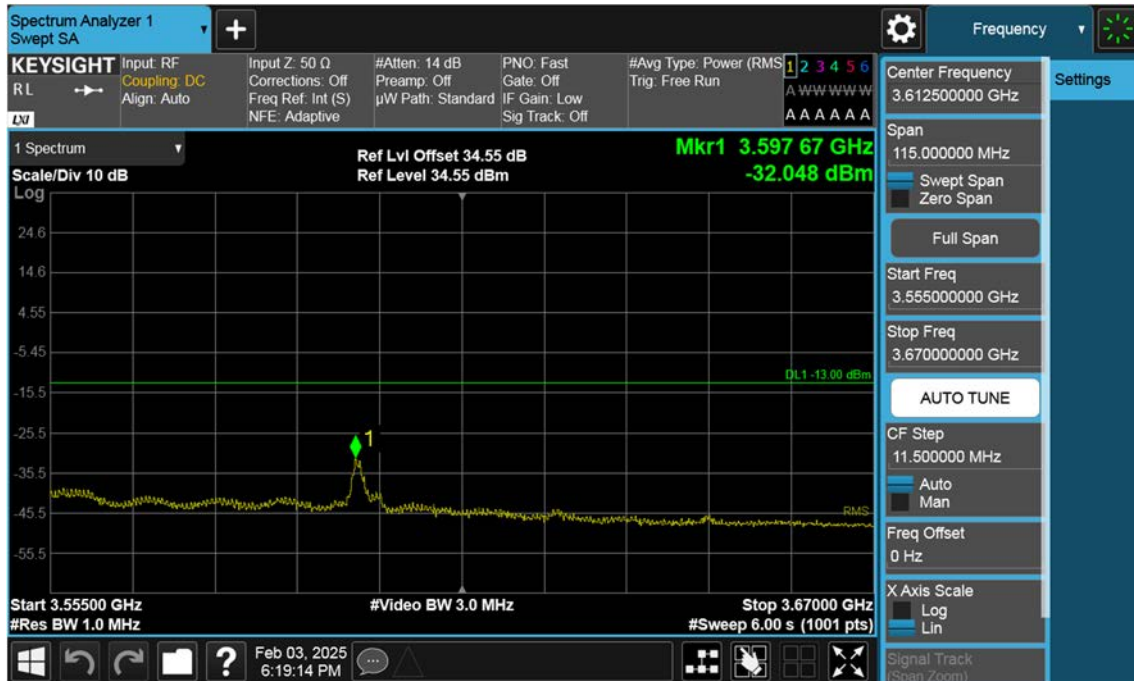
n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_1RB(2)



n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_FullRB(3)

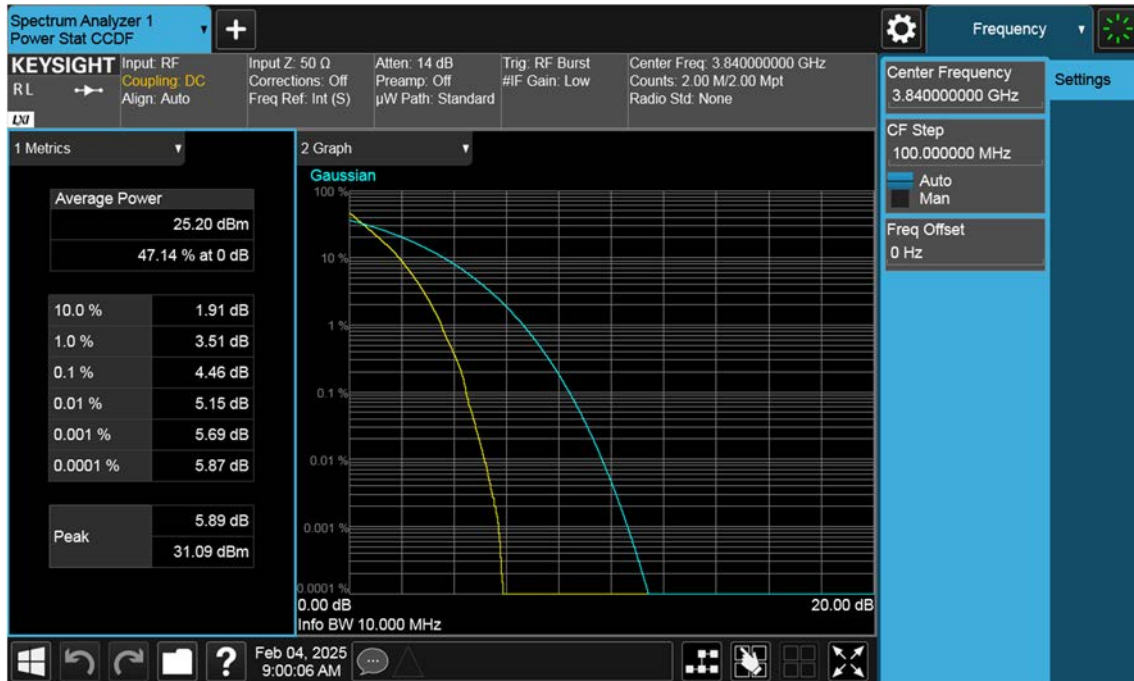


n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_1RB(3)

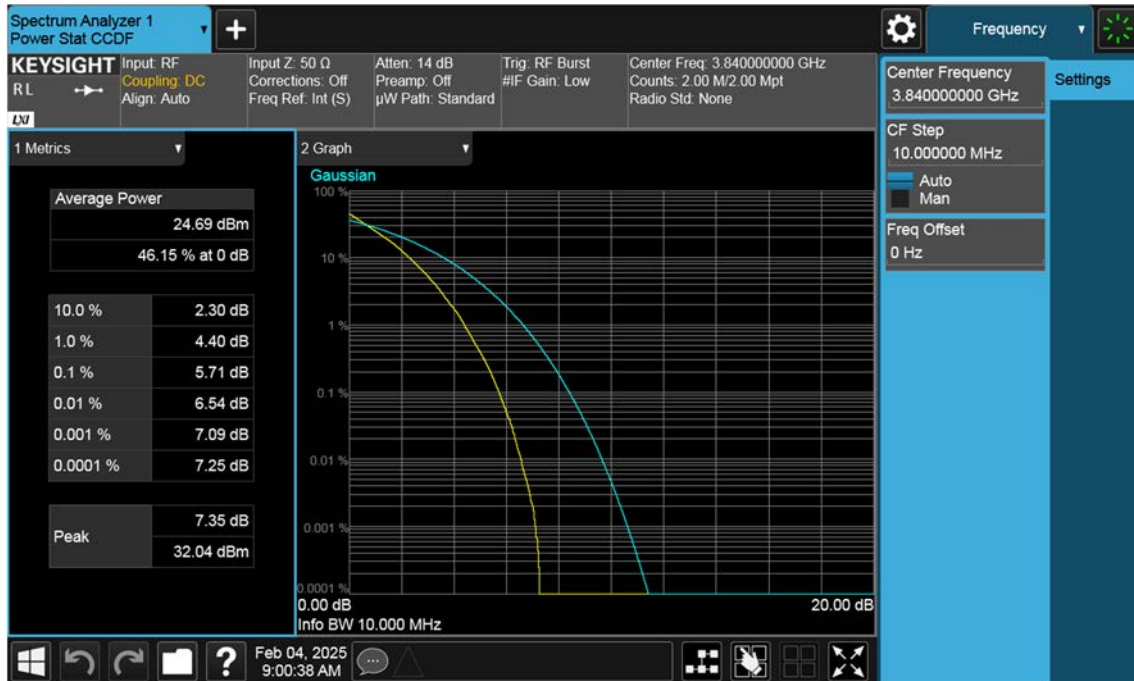


11. TEST PLOTS(3700 MHz - 3980 MHz)

n77(3700~3980 MHz)_10 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_10 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_10 M_PAR_Mid_16QAM_FullRB



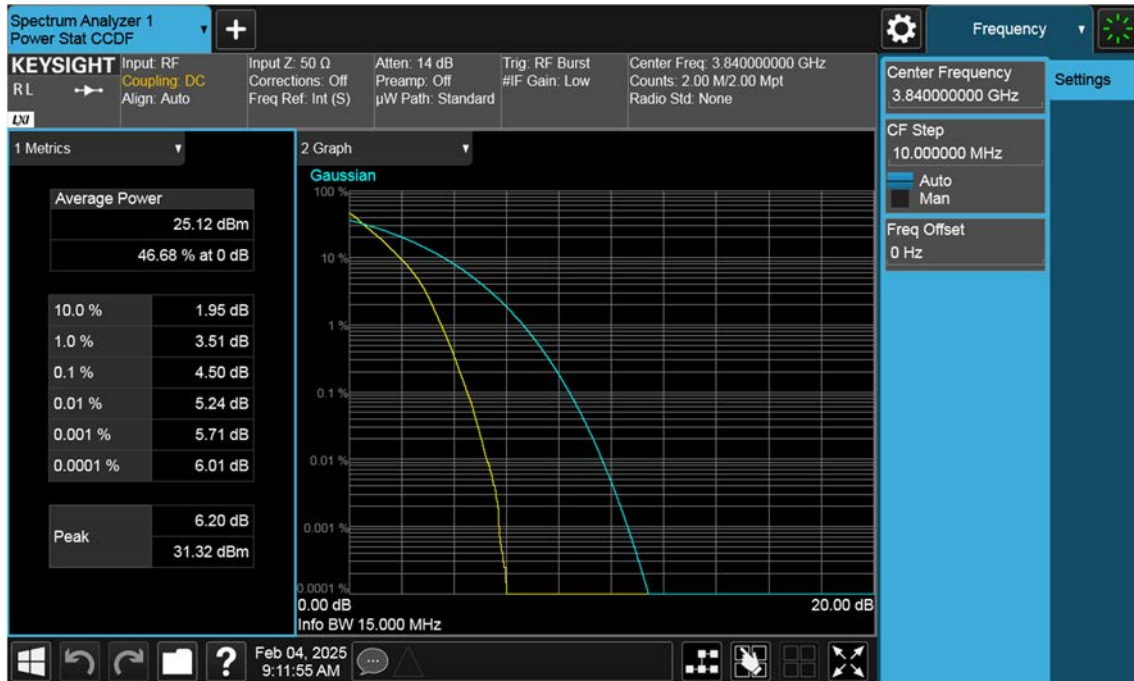
n77(3700~3980 MHz)_10 M_PAR_Mid_64QAM_FullRB



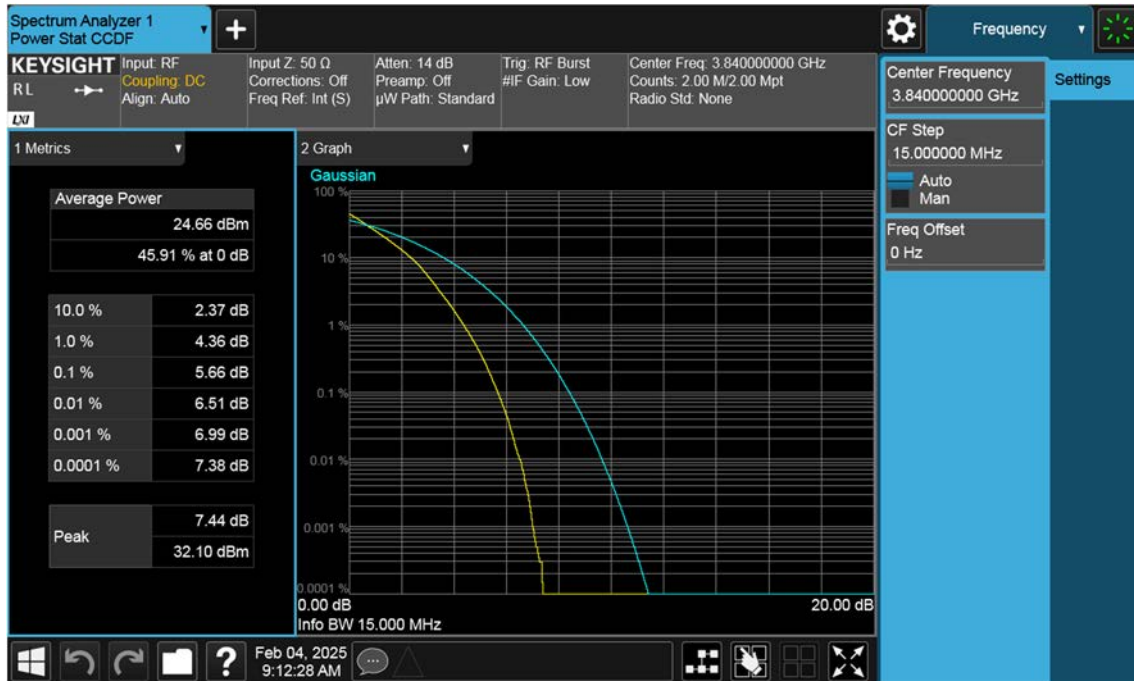
n77(3700~3980 MHz)_10 M_PAR_Mid_256QAM_FullRB



n77(3700~3980 MHz)_15 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_15 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_15 M_PAR_Mid_16QAM_FullRB



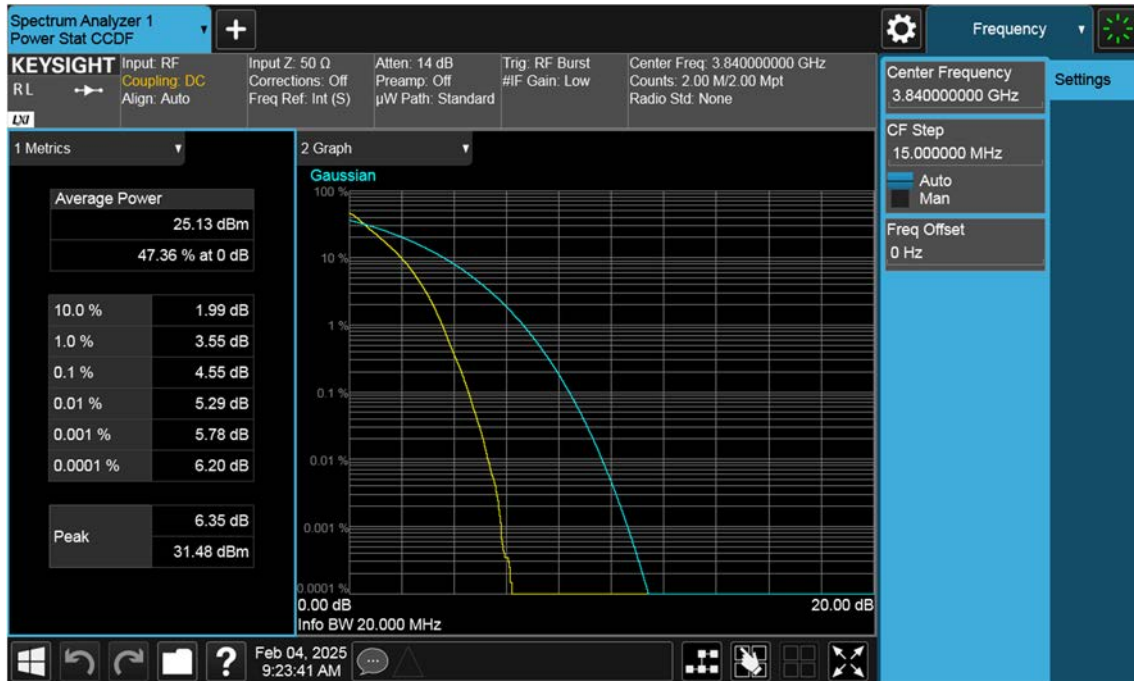
n77(3700~3980 MHz)_15 M_PAR_Mid_64QAM_FullRB



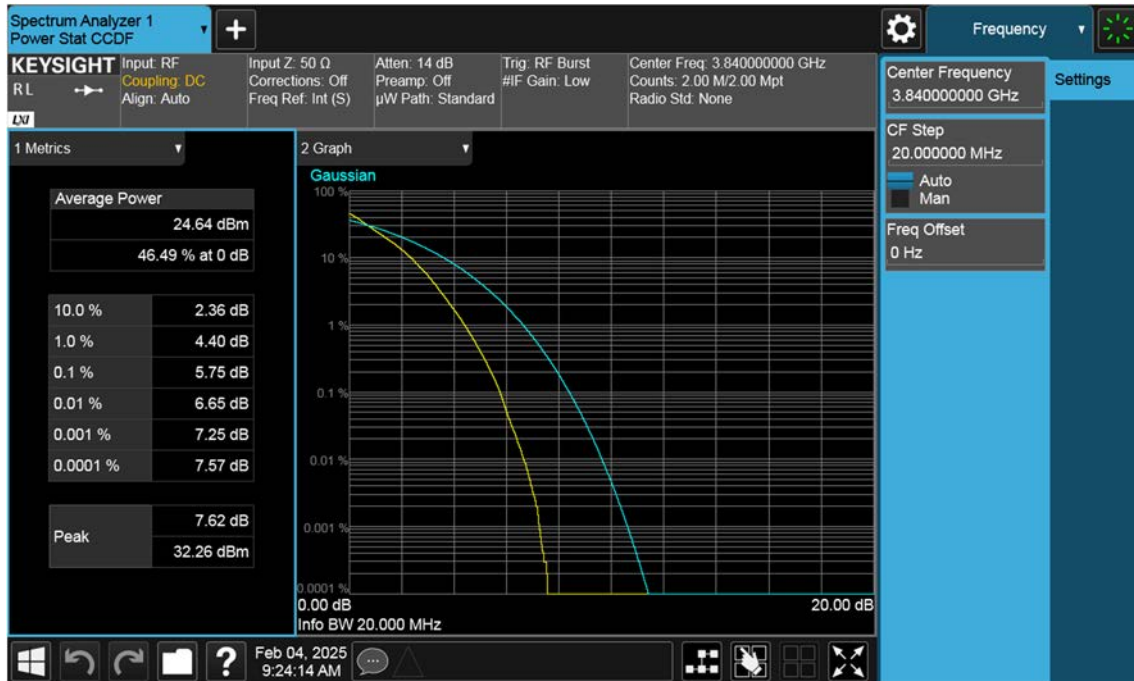
n77(3700~3980 MHz)_15 M_PAR_Mid_256QAM_FullRB



n77(3700~3980 MHz)_20 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_20 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_20 M_PAR_Mid_16QAM_FullRB



n77(3700~3980 MHz)_20 M_PAR_Mid_64QAM_FullRB



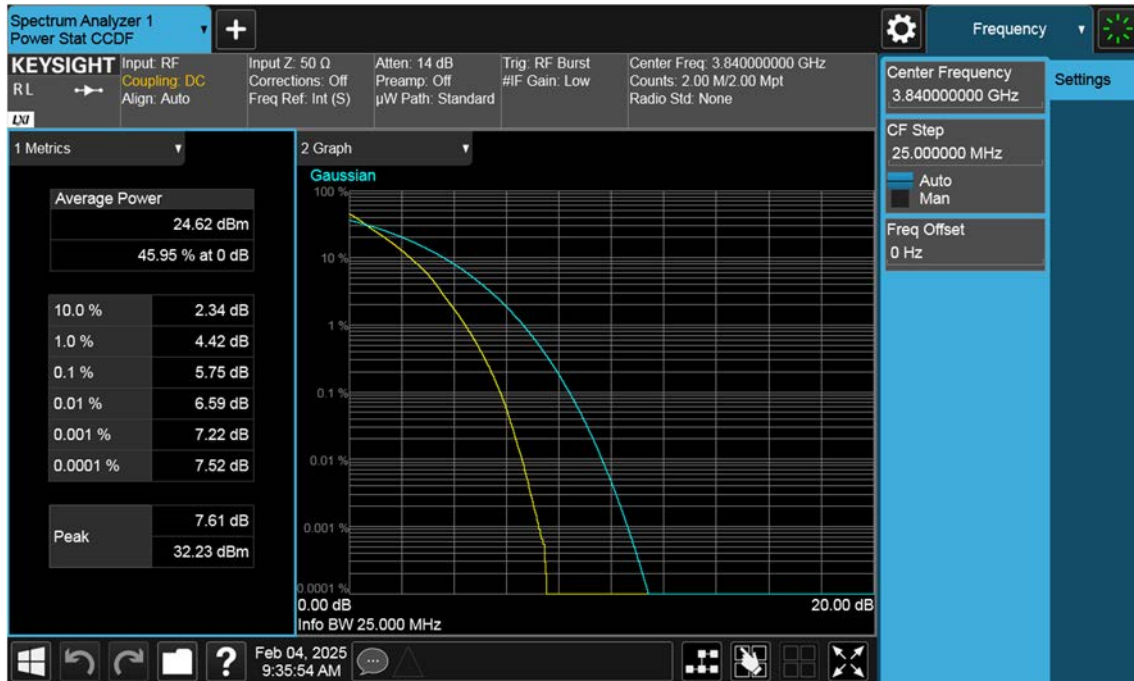
n77(3700~3980 MHz)_20 M_PAR_Mid_256QAM_FullRB



n77(3700~3980 MHz)_25 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_25 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_25 M_PAR_Mid_16QAM_FullRB



n77(3700~3980 MHz)_25 M_PAR_Mid_64QAM_FullRB



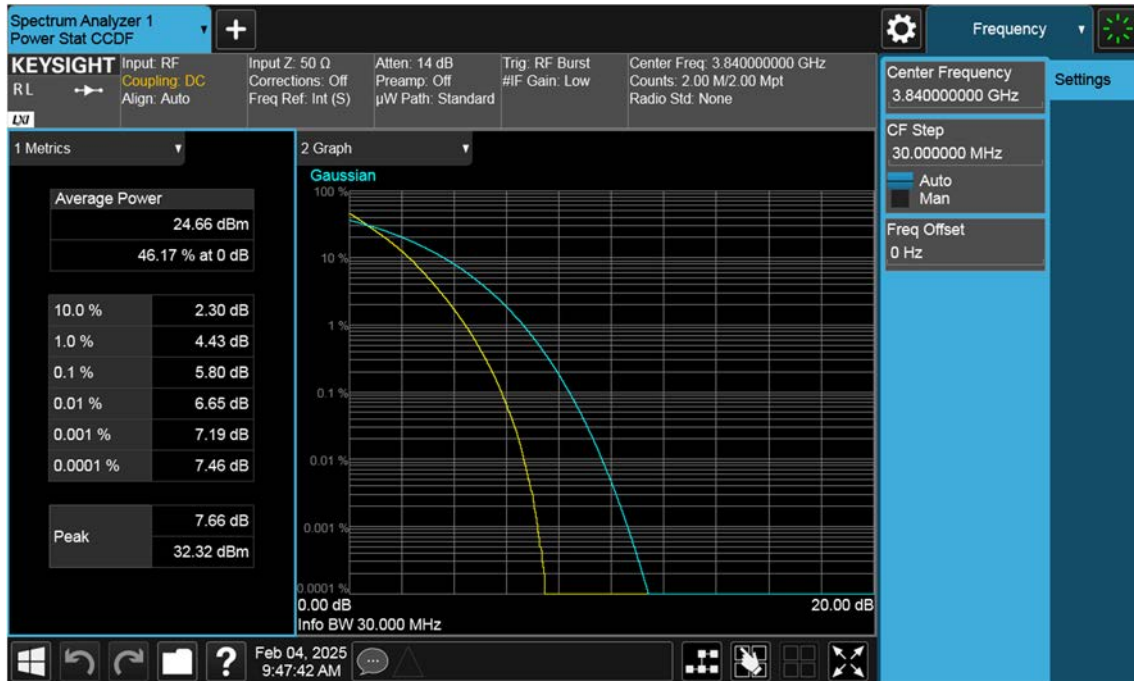
n77(3700~3980 MHz)_25 M_PAR_Mid_256QAM_FullRB



n77(3700~3980 MHz)_30 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_30 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_30 M_PAR_Mid_16QAM_FullRB



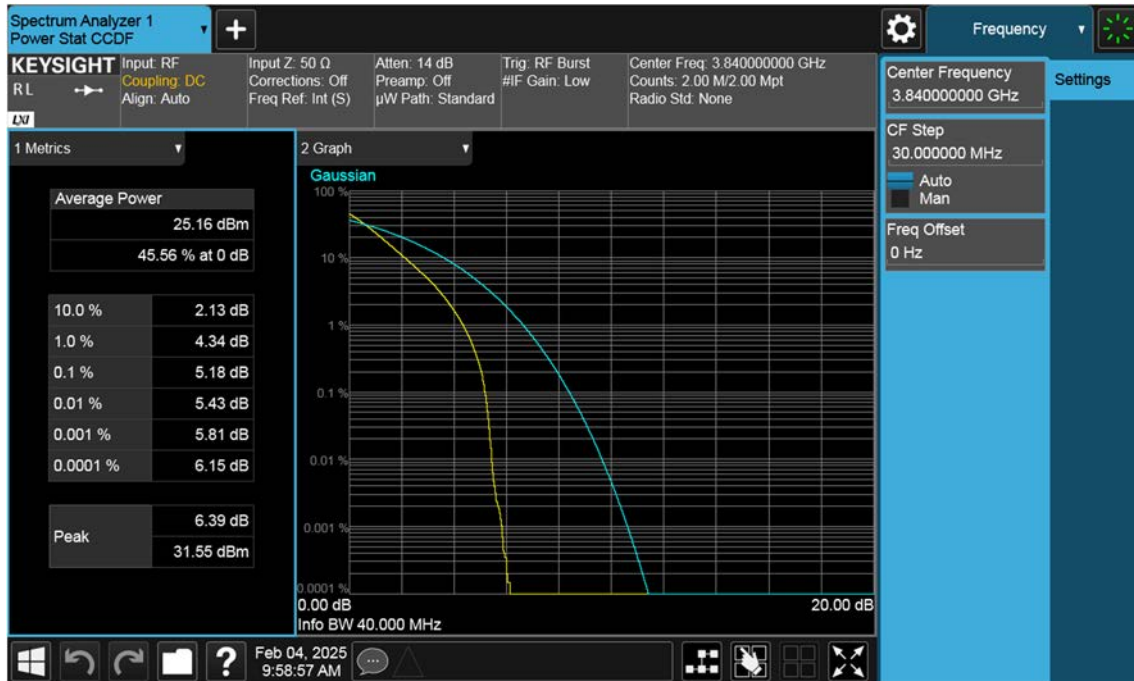
n77(3700~3980 MHz)_30 M_PAR_Mid_64QAM_FullRB



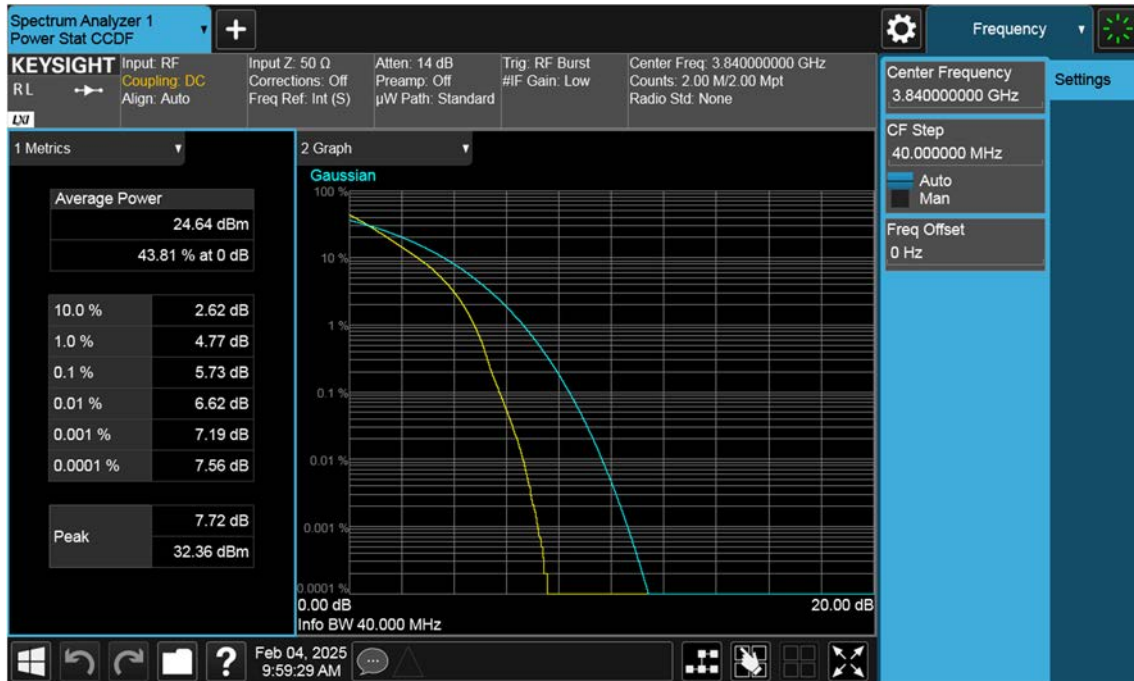
n77(3700~3980 MHz)_30 M_PAR_Mid_256QAM_FullRB



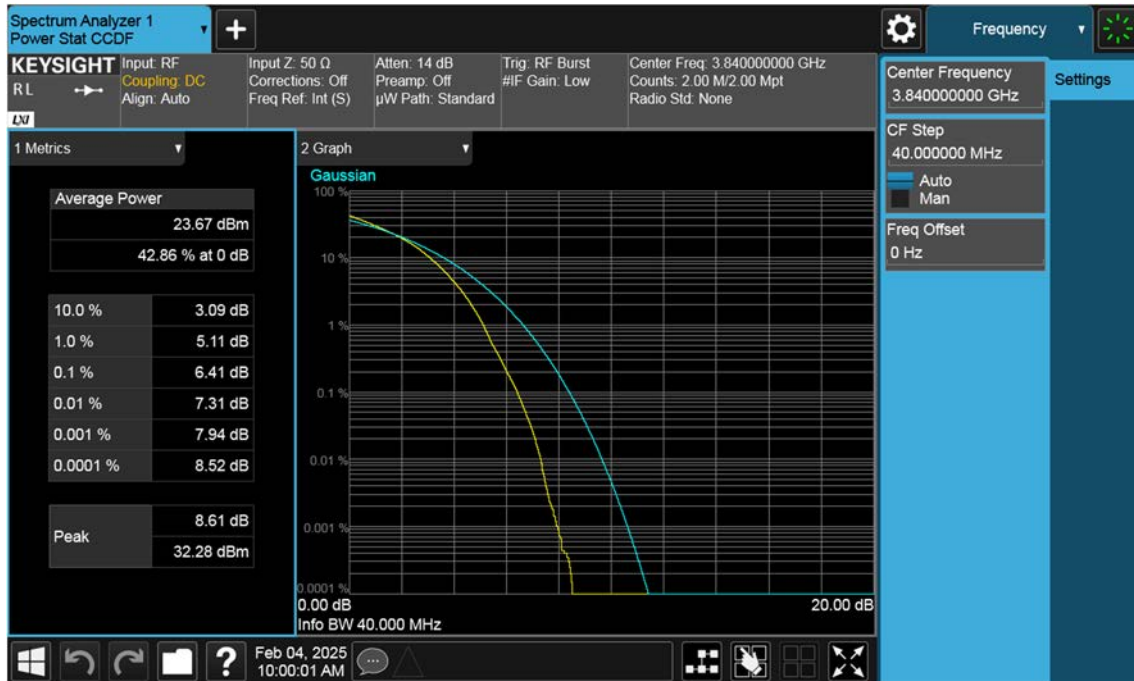
n77(3700~3980 MHz)_40 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_40 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_40 M_PAR_Mid_16QAM_FullRB



n77(3700~3980 MHz)_40 M_PAR_Mid_64QAM_FullRB

