

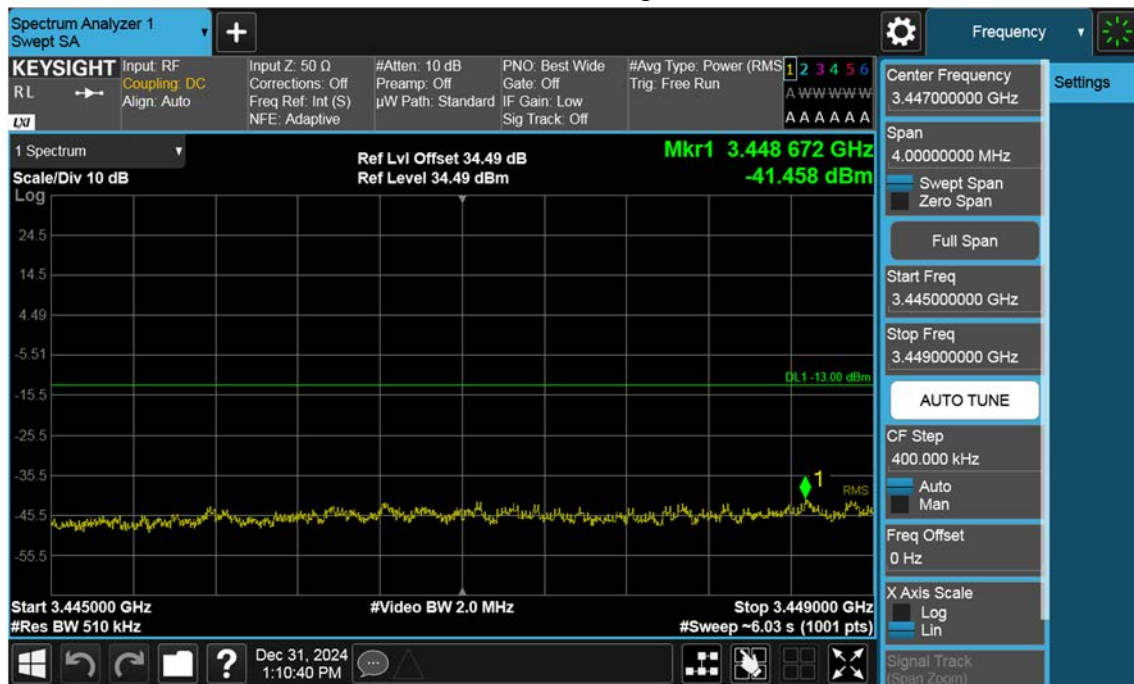
n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_FullRB(1)



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



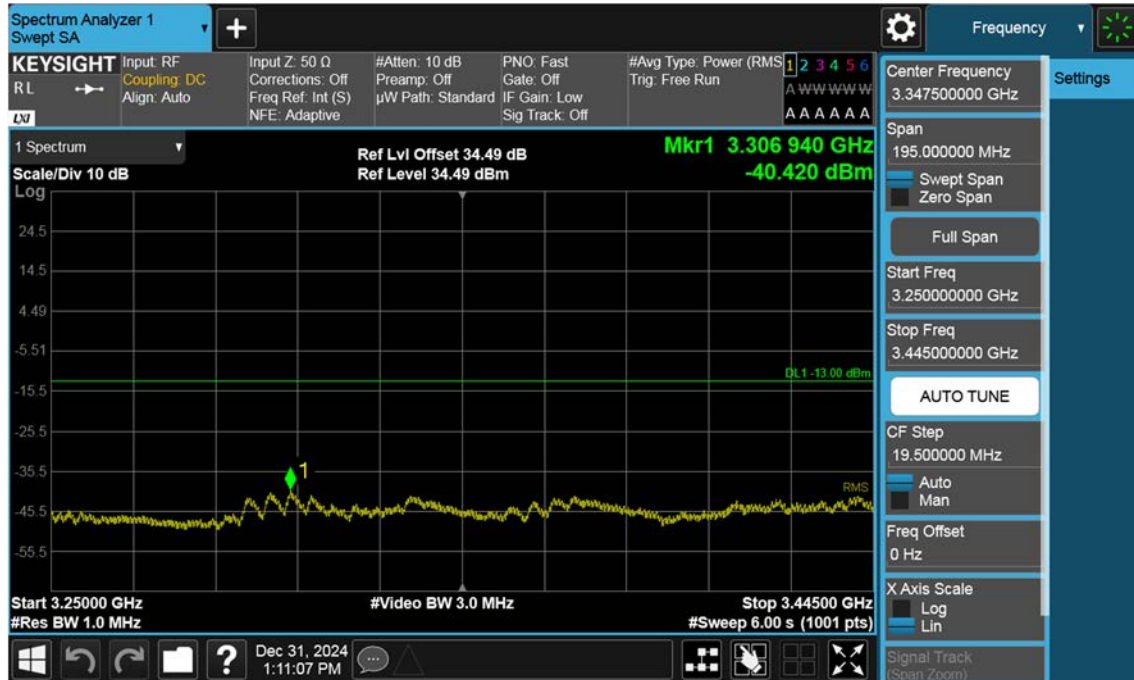
n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_FullRB(2)



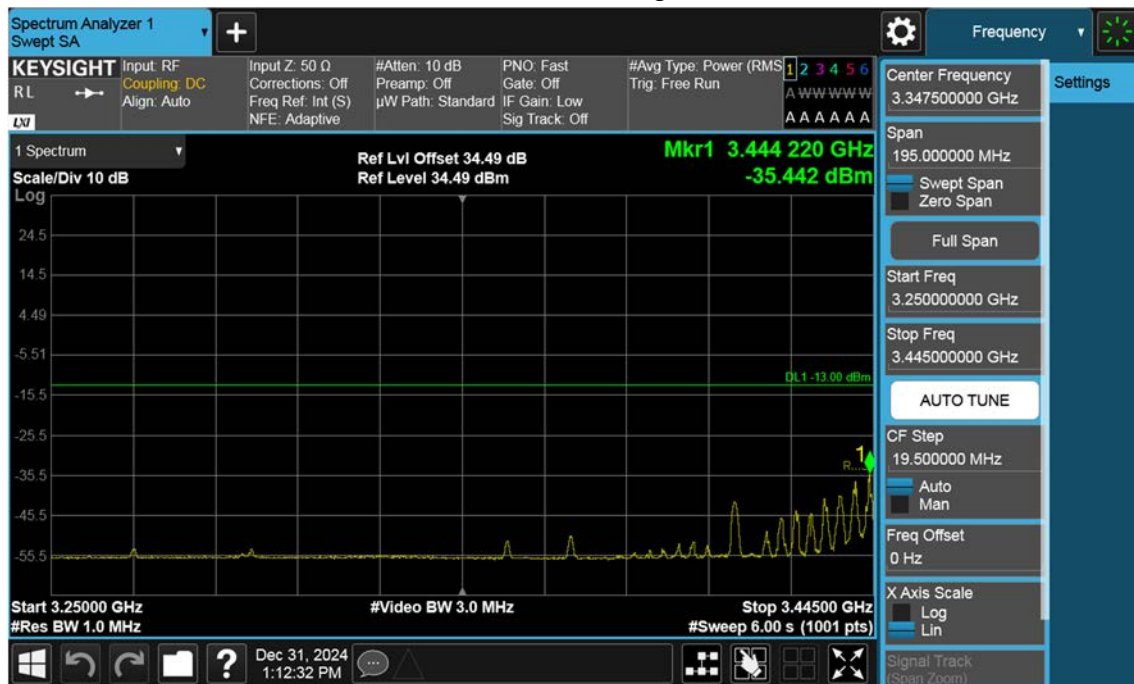
n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_1RB(2)



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



n77(3450~3550 MHz)_80 M_Band Edge_Low_BPSK_1RB(3)



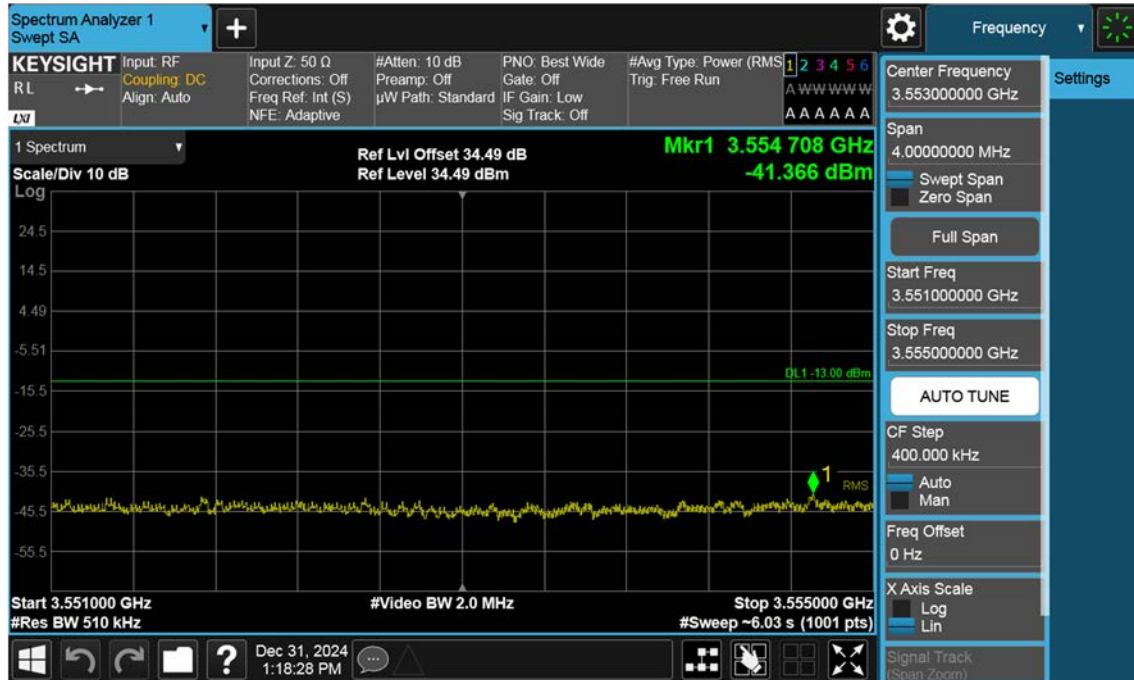
n77(3450~3550 MHz)_80 M_Band Edge_High_BPSK_FullRB(1)



n77(3450~3550 MHz)_80 M_Band Edge_High_BPSK_1RB(1)



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



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



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



n77(3450~3550 MHz)_80 M_Band Edge_High_BPSK_1RB(3)



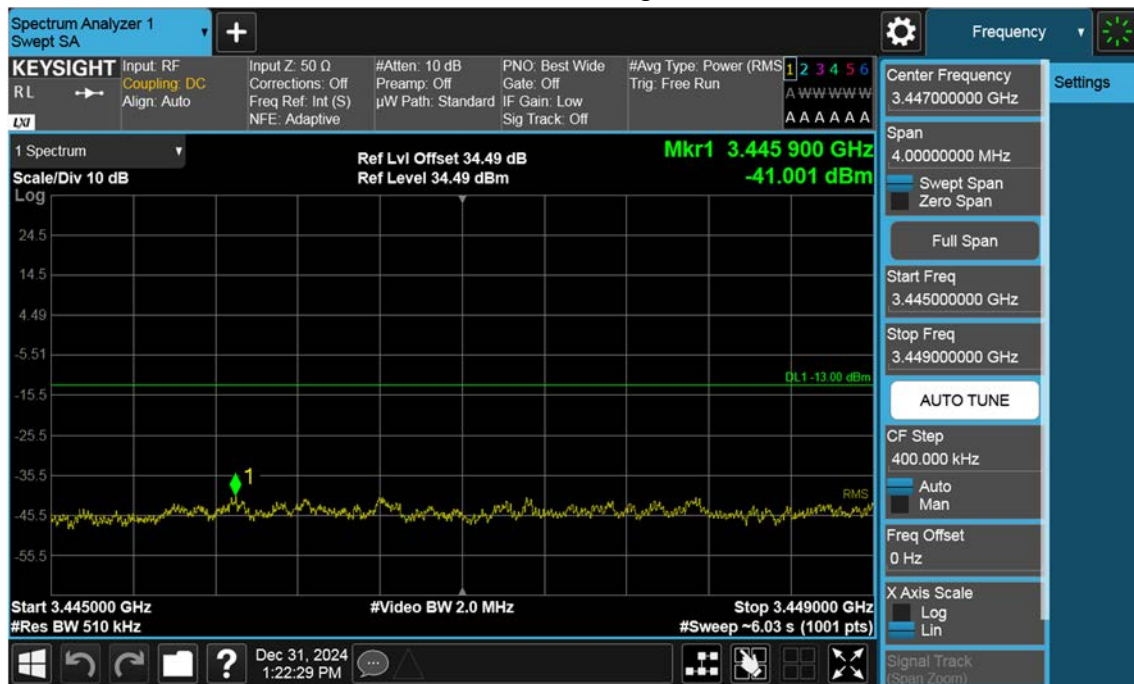
n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_FullRB(1)



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



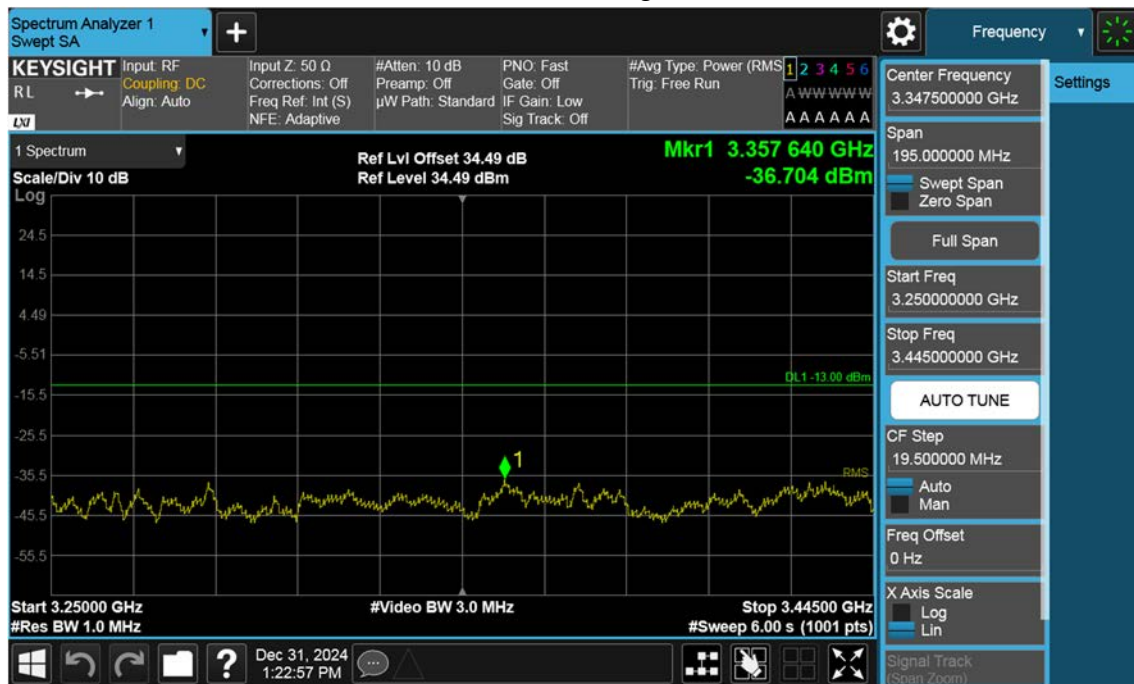
n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_FullRB(2)



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



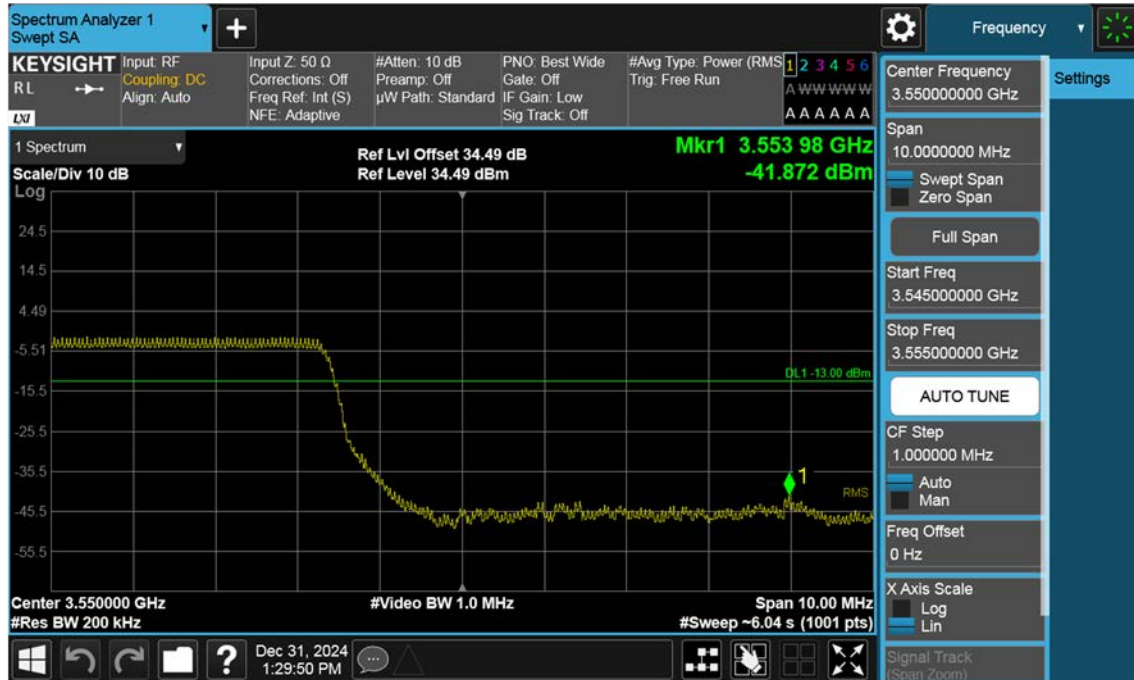
n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_FullRB(3)



n77(3450~3550 MHz)_90 M_Band Edge_Low_BPSK_1RB(3)



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



n77(3450~3550 MHz)_90 M_Band Edge_High_BPSK_1RB(1)



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



n77(3450~3550 MHz)_90 M_Band Edge_High_BPSK_1RB(2)



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



n77(3450~3550 MHz)_90 M_Band Edge_High_BPSK_1RB(3)



Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF
RL $\rightarrow$ Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive

#Atten: 10 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 W W W W W
A A A A A A

Center Frequency
3.45000000 GHz

Span
4.00000000 MHz

☒ Swept Span
☐ Zero Span

Full Span

Start Freq
3.448000000 GHz

Stop Freq
3.452000000 GHz

AUTO TUNE

CF Step
400.000 kHz

☒ Auto
☐ Man

Freq Offset
0 Hz

X Axis Scale
☐ Log
☒ Lin

Signal Track
(Span Zoom)

1 Spectrum
Scale/Div 10 dB
Log

Ref Lvl Offset 34.49 dB
Ref Level 34.49 dBm

Mkr1 3.449 996 GHz
-41.714 dBm

RMS
DL1 -13.00 dBm

Center 3.450000 GHz
#Res BW 200 kHz

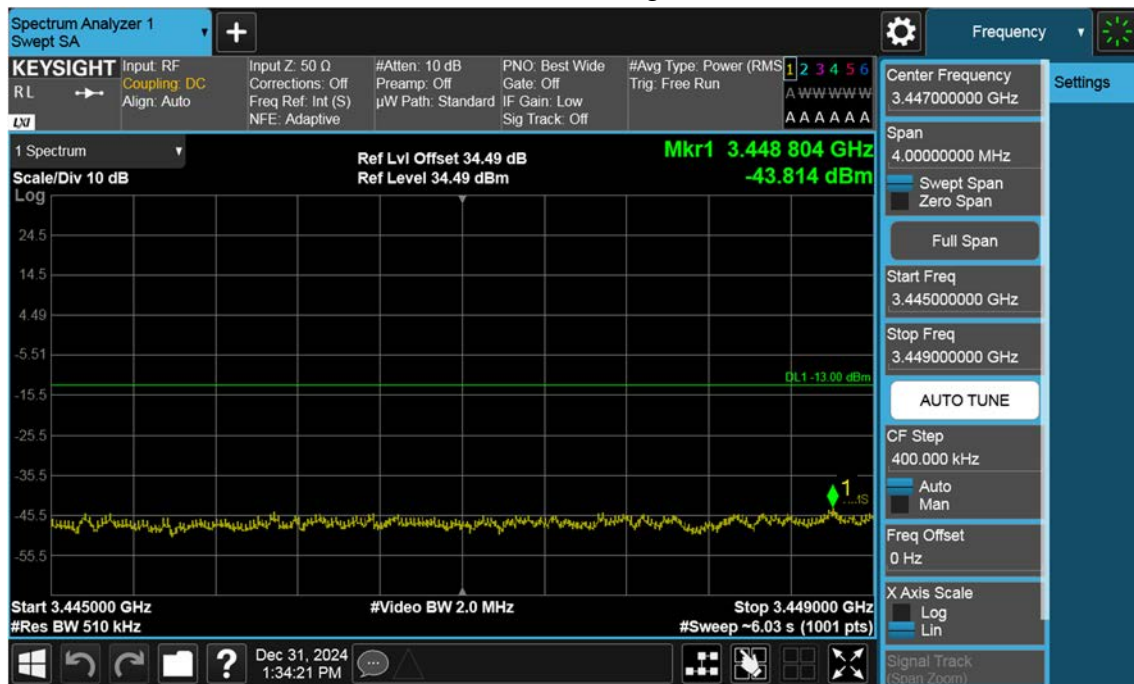
#Video BW 1.0 MHz

Span 4.000 MHz
#Sweep ~6.03 s (1001 pts)

n77(3450~3550 MHz)_100 M_Band Edge_Low_BPSK_1RB(1)



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



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_FullIRB(2)



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



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

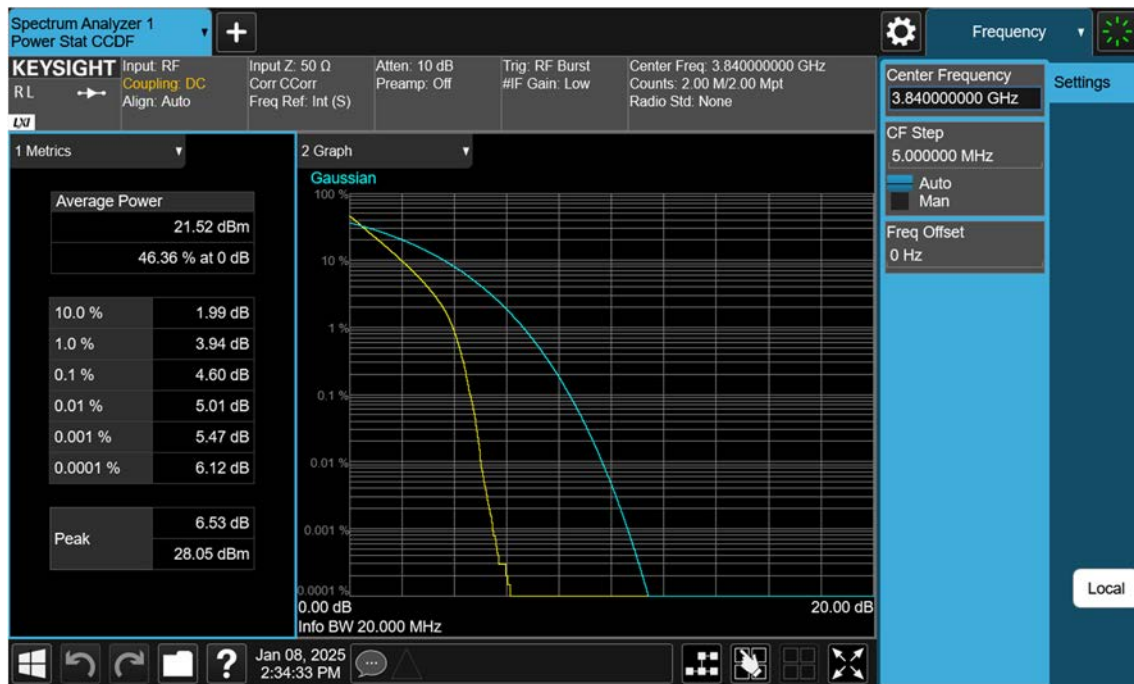


n77(3450~3550 MHz)_100 M_Band Edge_High_BPSK_1RB(3)

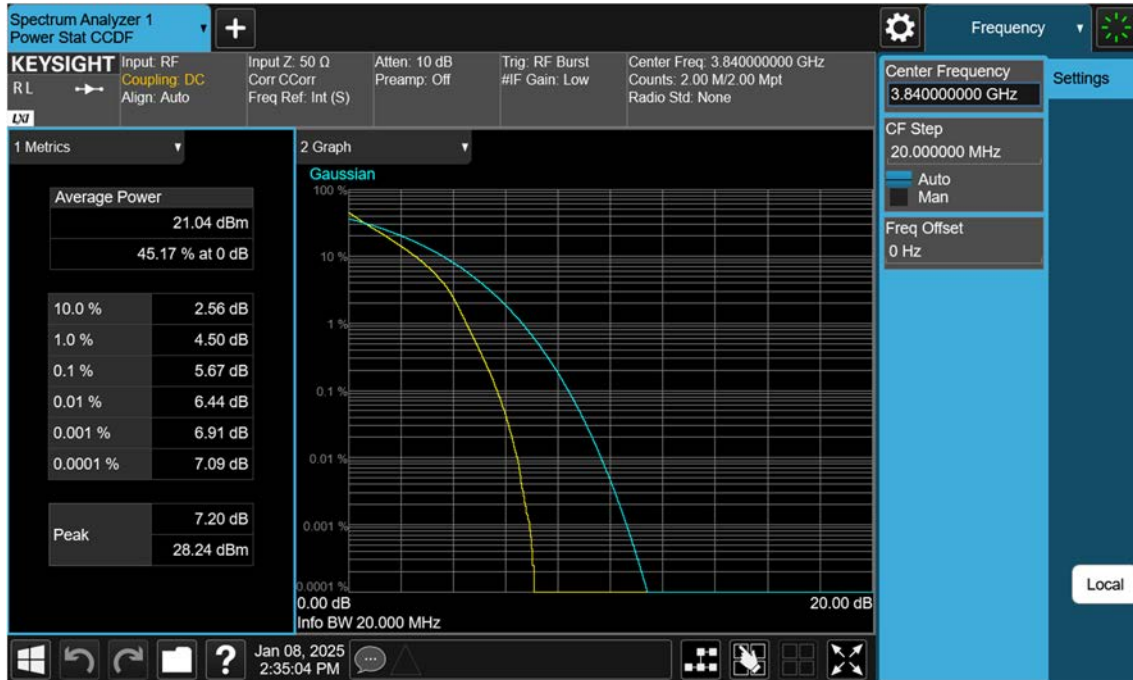


11. TEST PLOTS(3700 MHz - 3980 MHz)

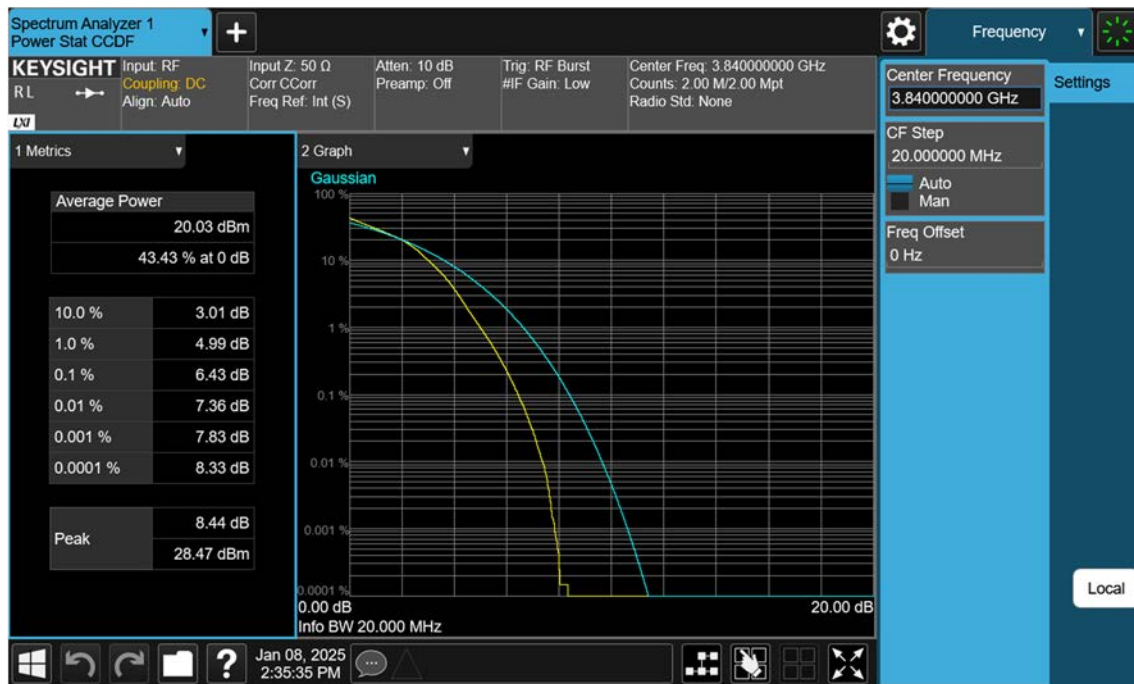
n77(3700~3980 MHz)_20 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_20 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_20 M_PAR_Mid_16QAM_FullRB



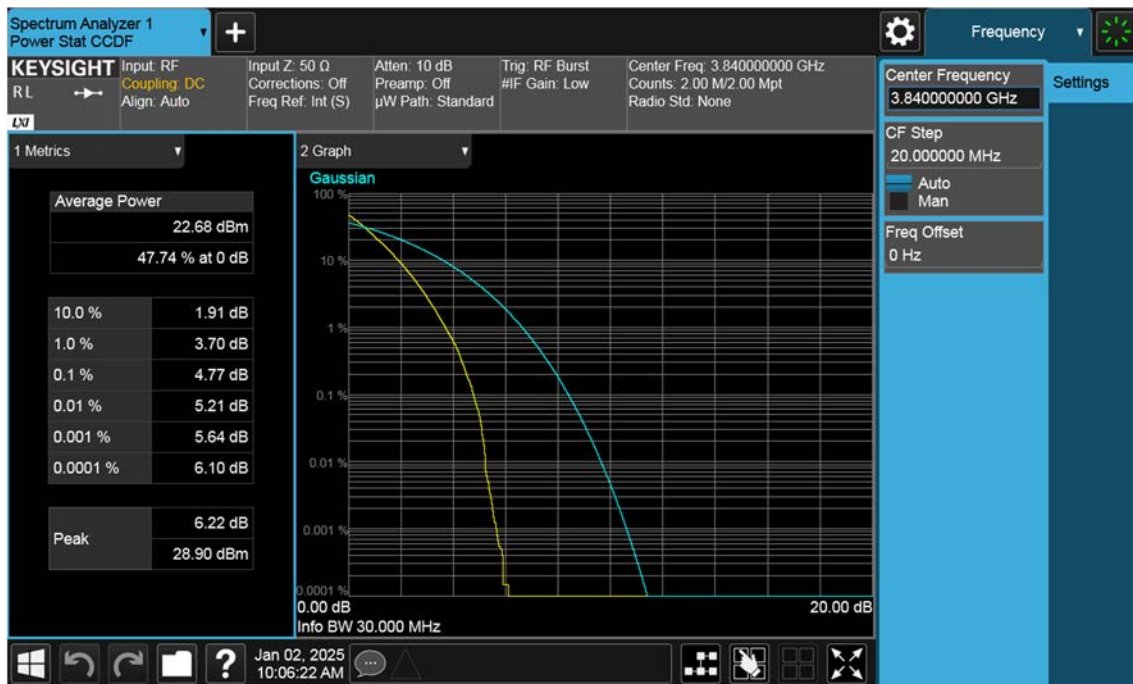
n77(3700~3980 MHz)_20 M_PAR_Mid_64QAM_FullRB



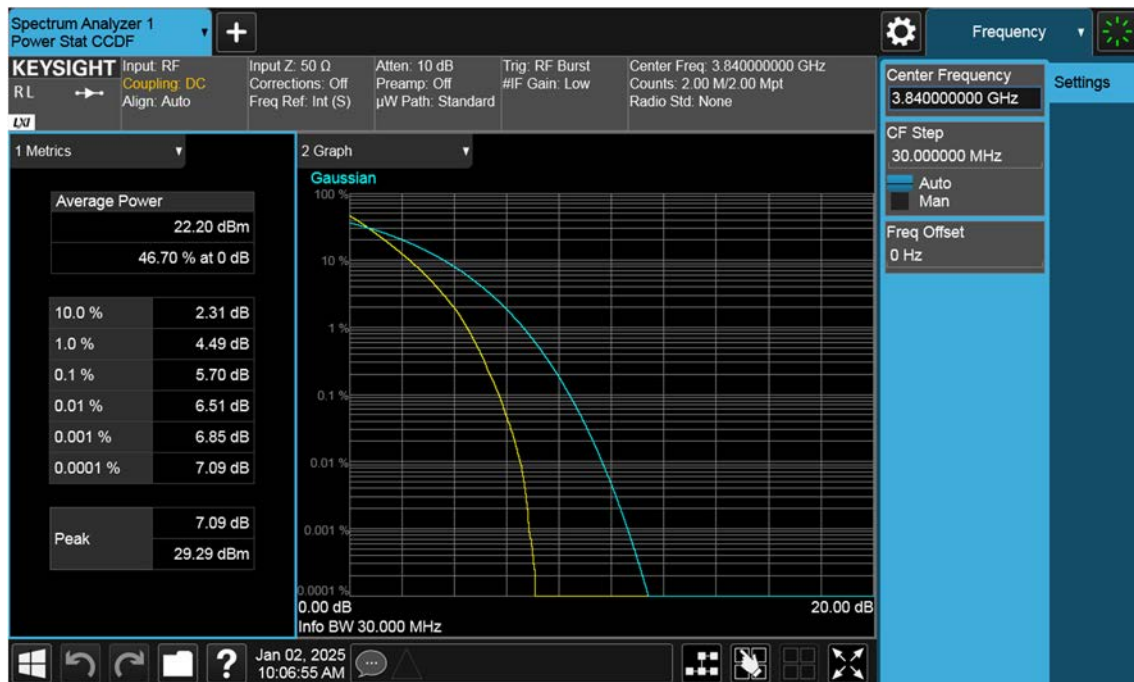
n77(3700~3980 MHz)_20 M_PAR_Mid_256QAM_FullRB



n77(3700~3980 MHz)_30 M_PAR_Mid_BPSK_FullRB



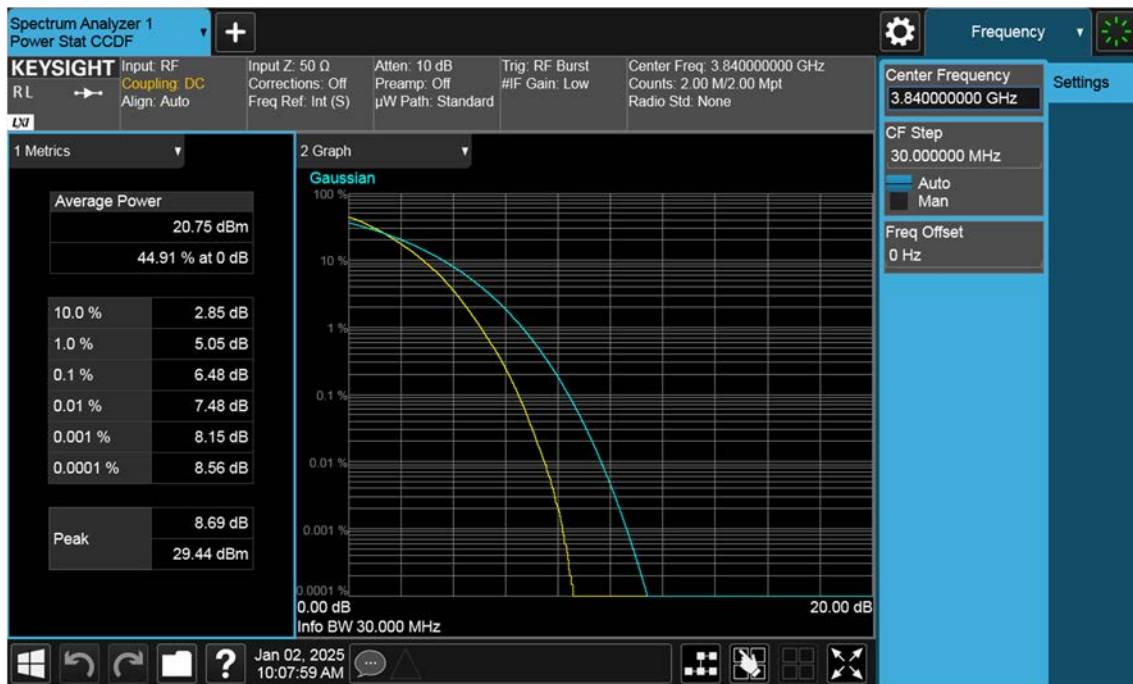
n77(3700~3980 MHz)_30 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_30 M_PAR_Mid_16QAM_FullRB



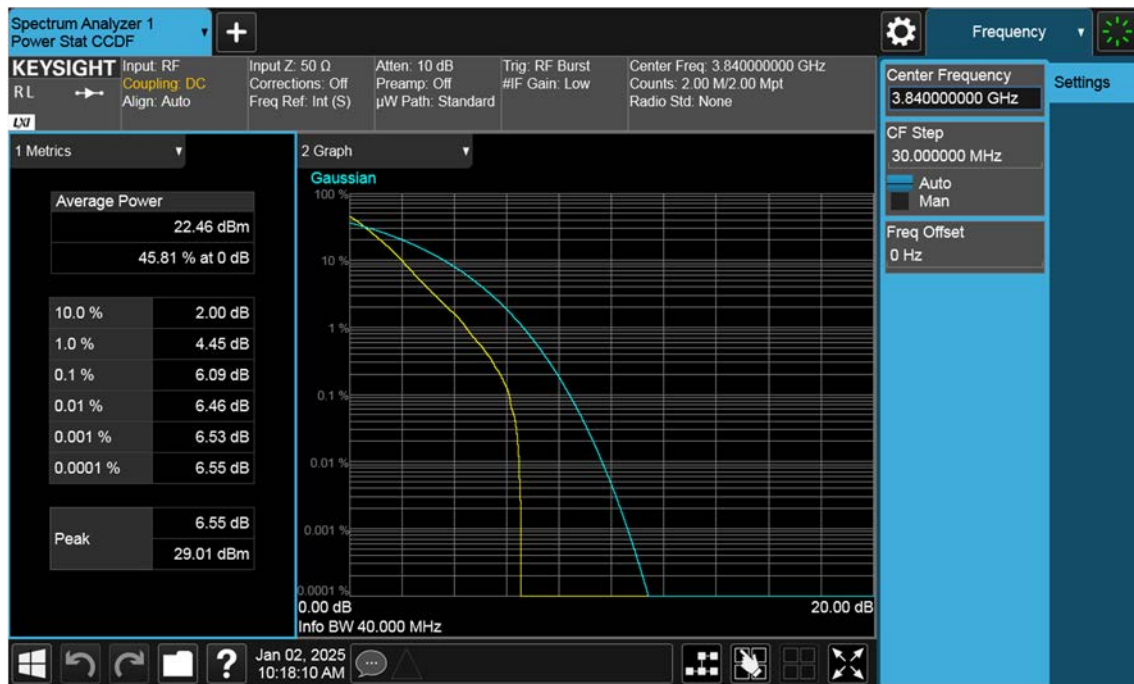
n77(3700~3980 MHz)_30 M_PAR_Mid_64QAM_FullRB



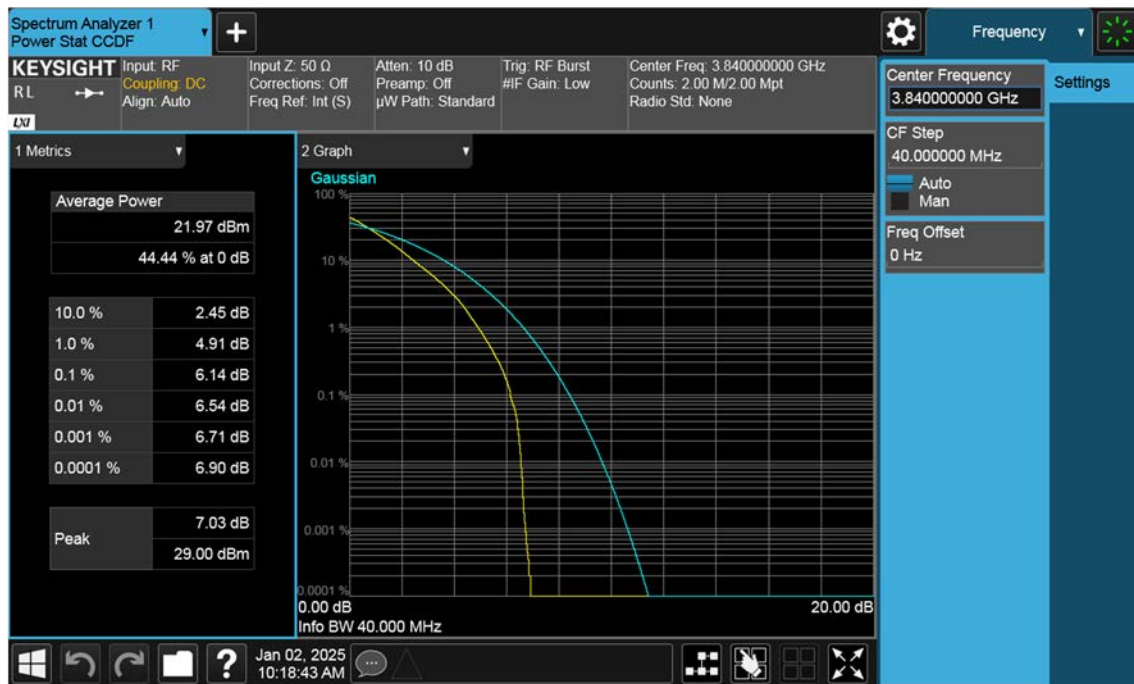
n77(3700~3980 MHz)_30 M_PAR_Mid_256QAM_FullRB



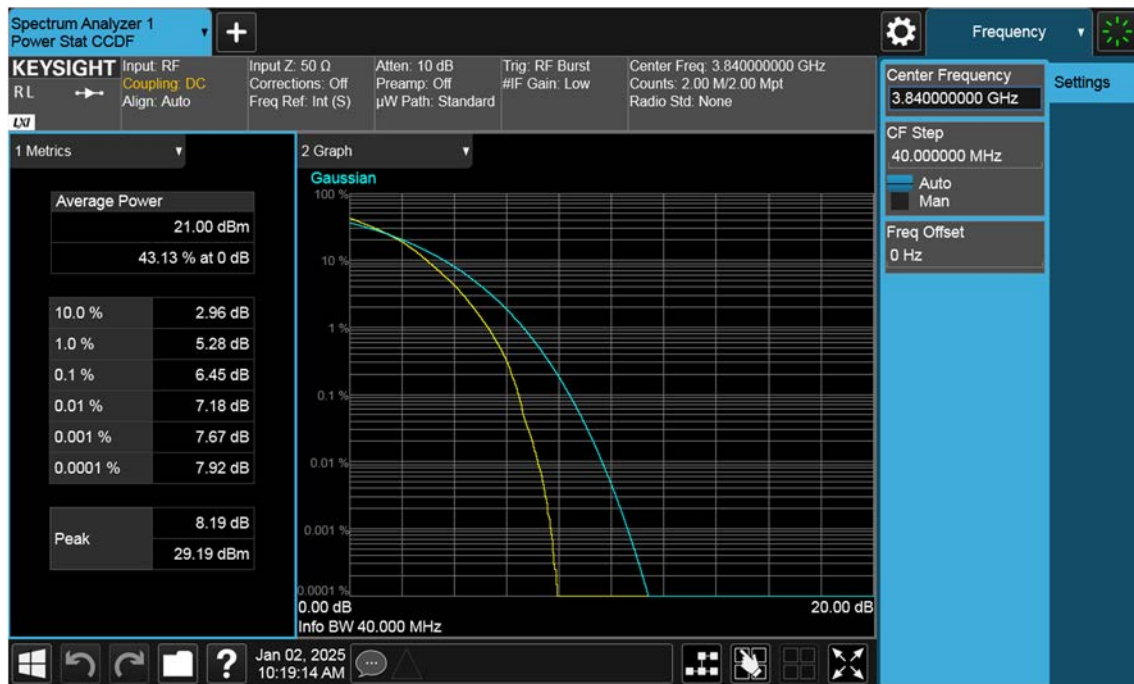
n77(3700~3980 MHz)_40 M_PAR_Mid_BPSK_FullRB



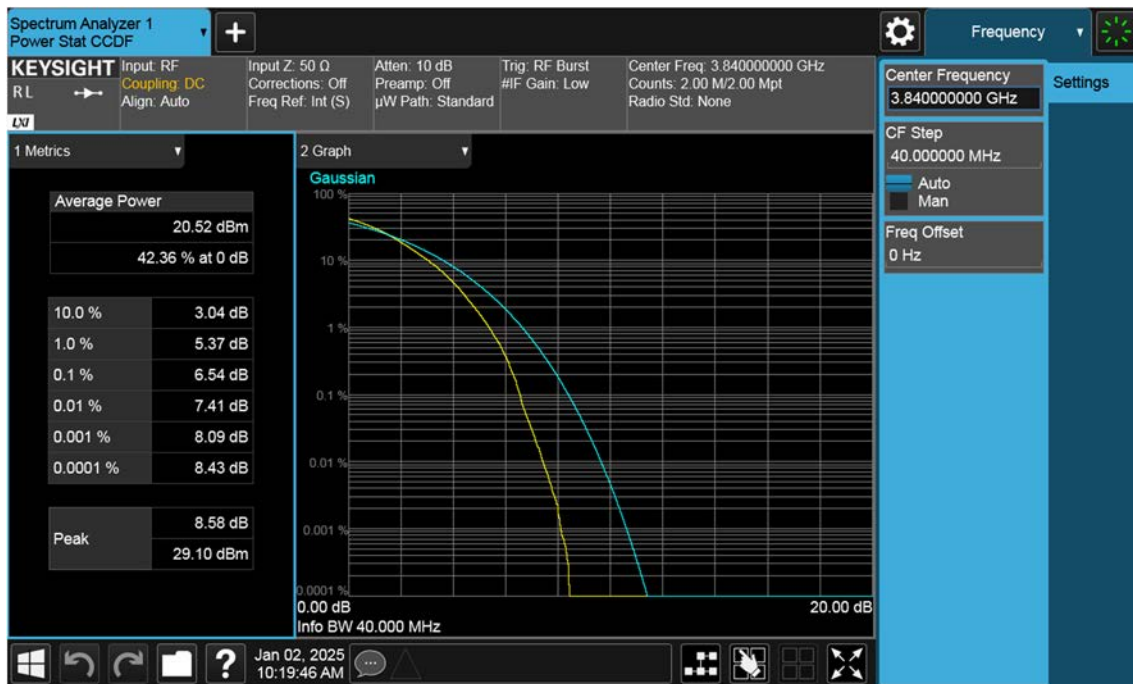
n77(3700~3980 MHz)_40 M_PAR_Mid_QPSK_FullRB



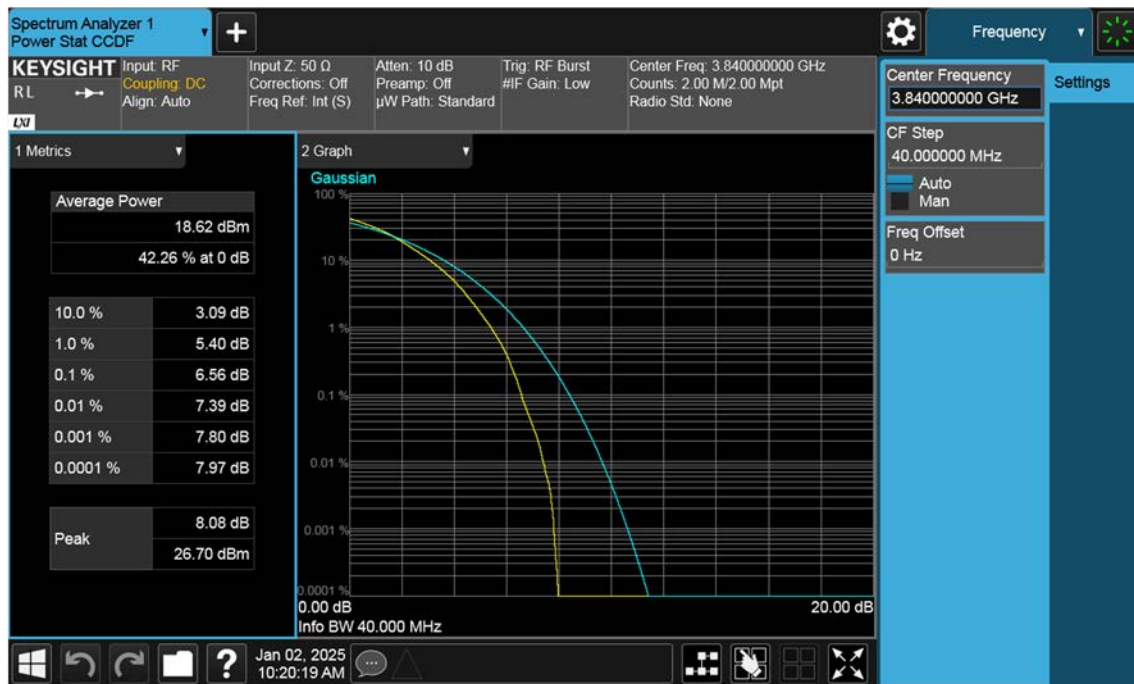
n77(3700~3980 MHz)_40 M_PAR_Mid_16QAM_FullRB



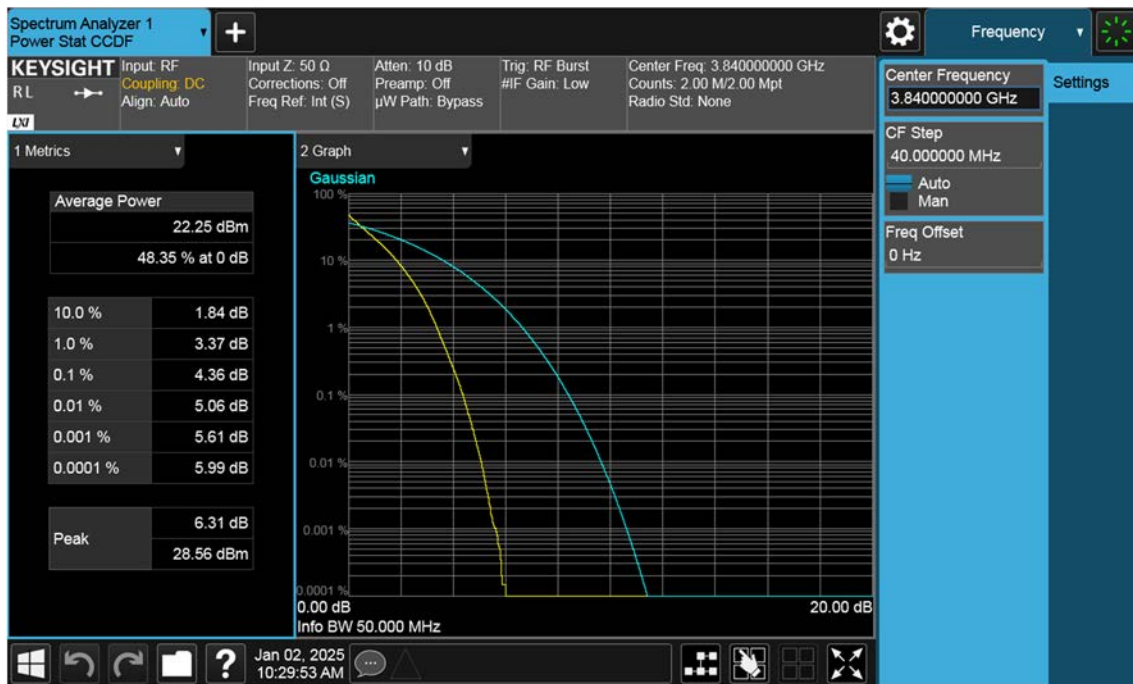
n77(3700~3980 MHz)_40 M_PAR_Mid_64QAM_FullRB



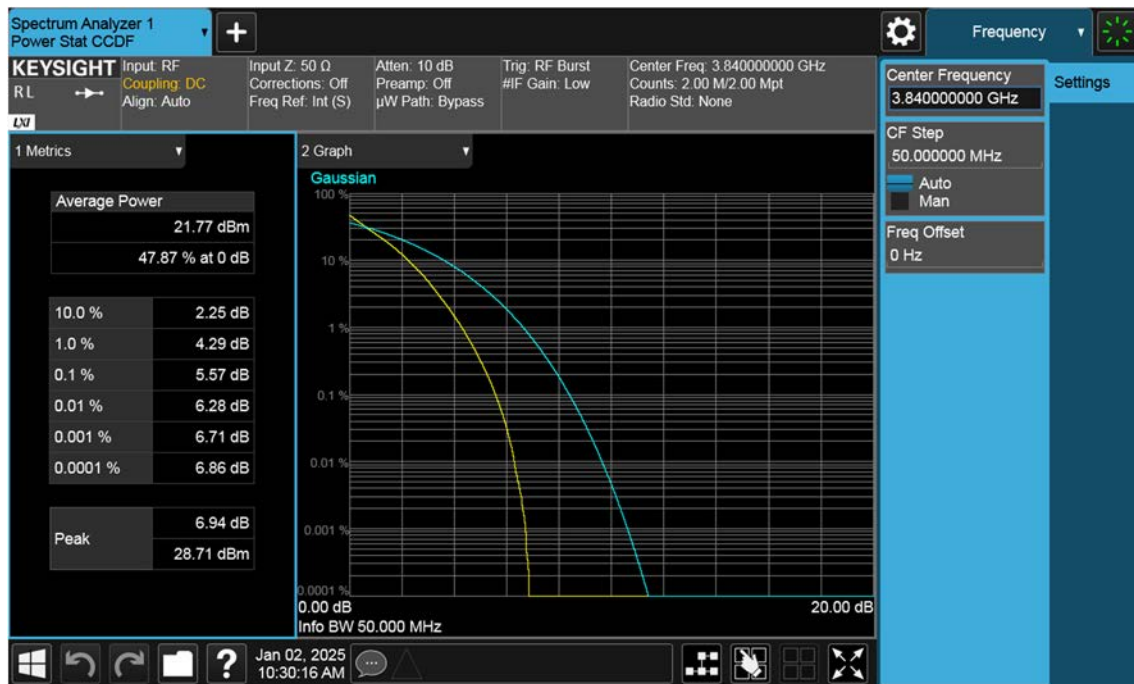
n77(3700~3980 MHz)_40 M_PAR_Mid_256QAM_FullRB



n77(3700~3980 MHz)_50 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_50 M_PAR_Mid_QPSK_FullRB



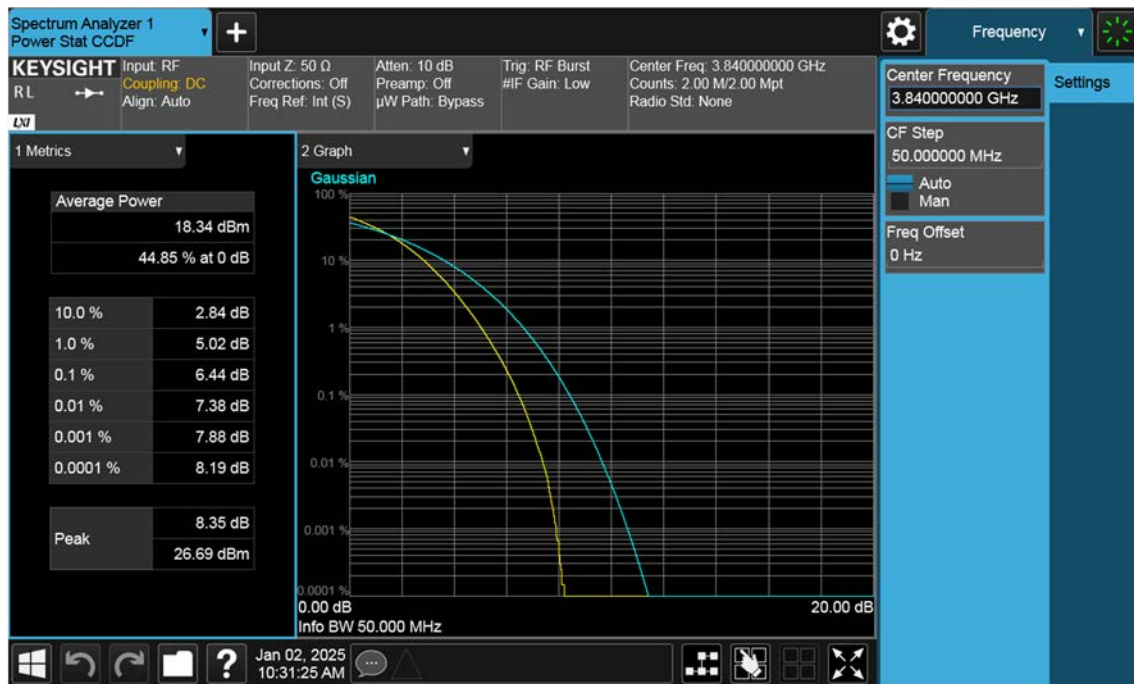
n77(3700~3980 MHz)_50 M_PAR_Mid_16QAM_FullRB



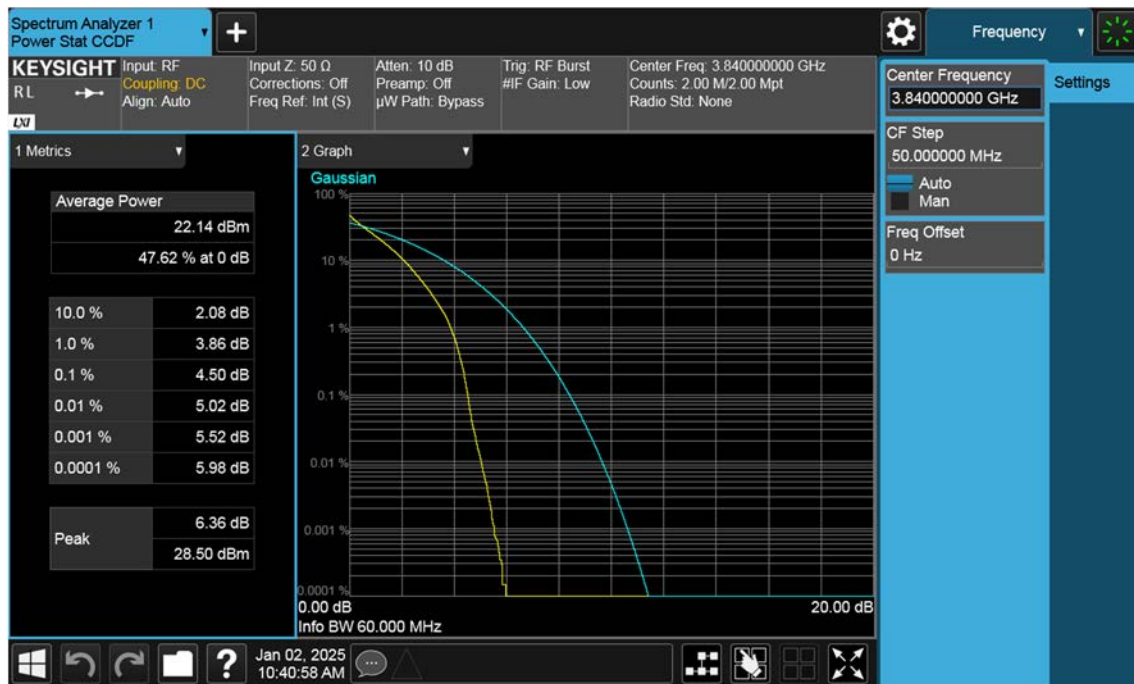
n77(3700~3980 MHz)_50 M_PAR_Mid_64QAM_FullRB



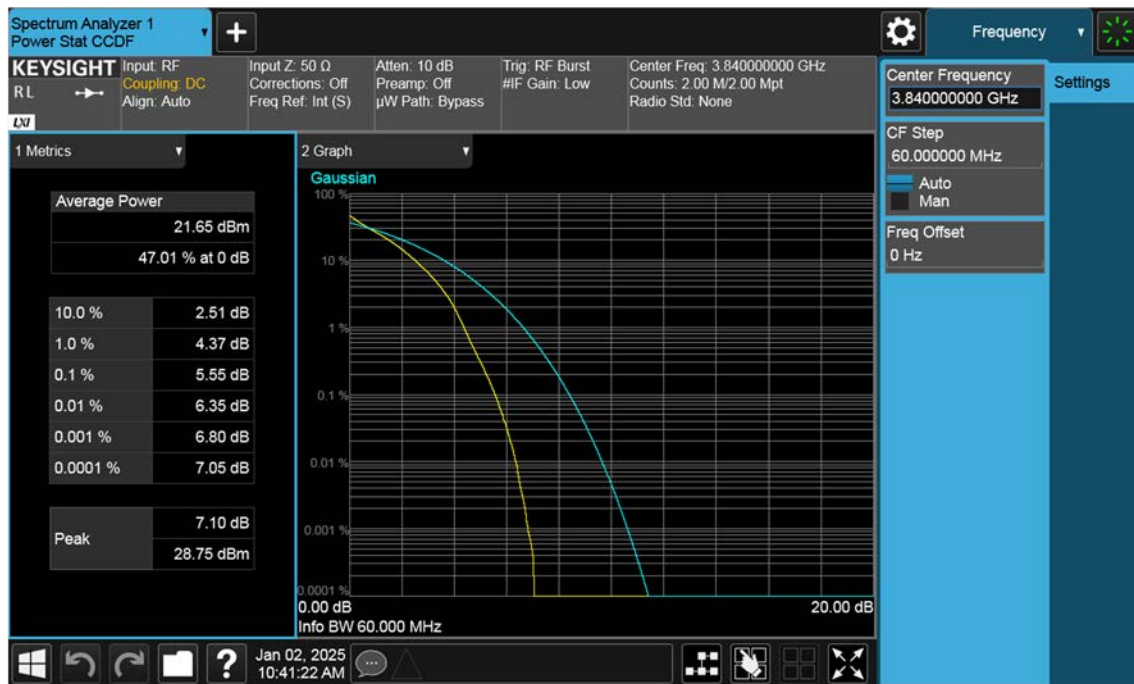
n77(3700~3980 MHz)_50 M_PAR_Mid_256QAM_FullRB



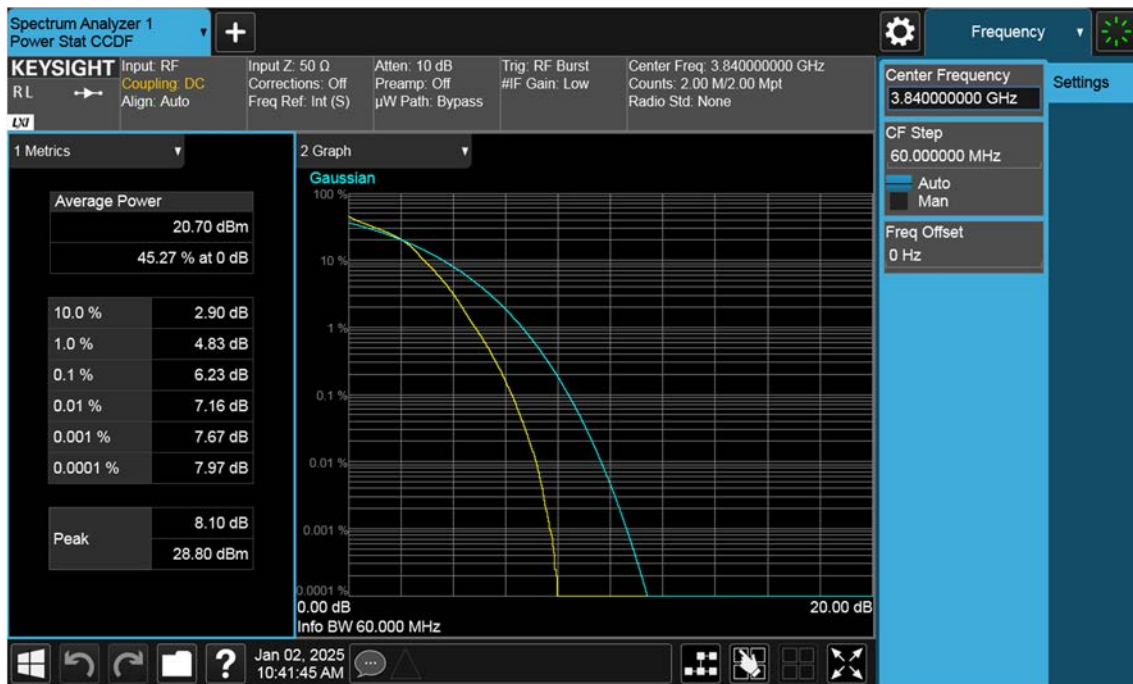
n77(3700~3980 MHz)_60 M_PAR_Mid_BPSK_FullRB



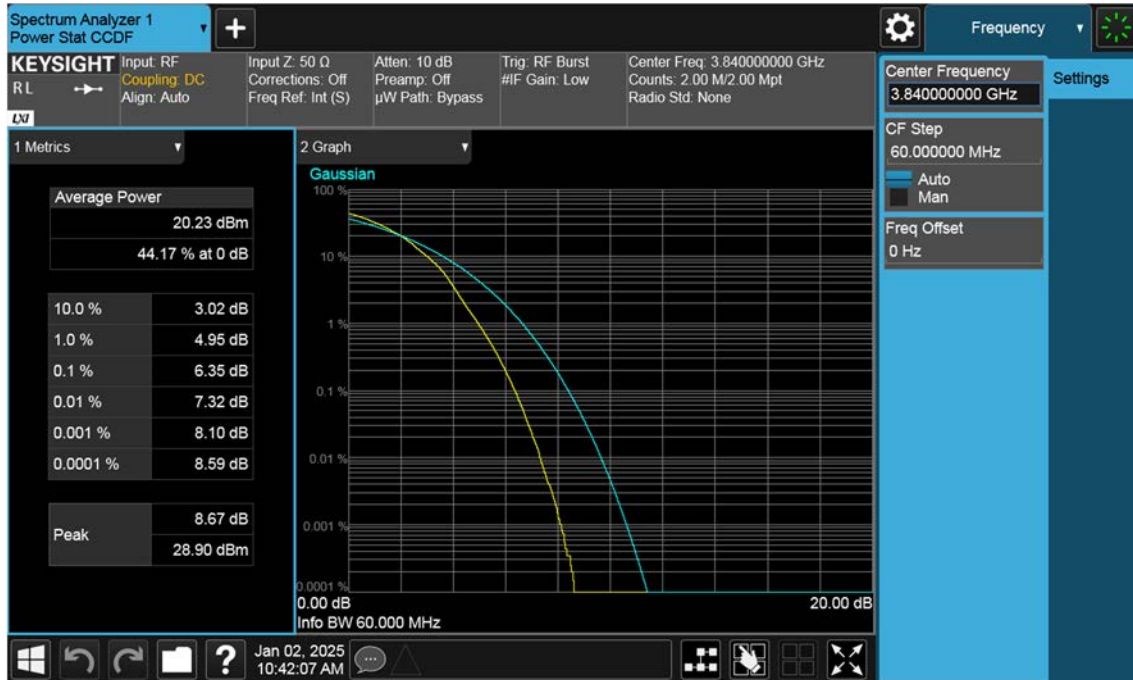
n77(3700~3980 MHz)_60 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_60 M_PAR_Mid_16QAM_FullRB



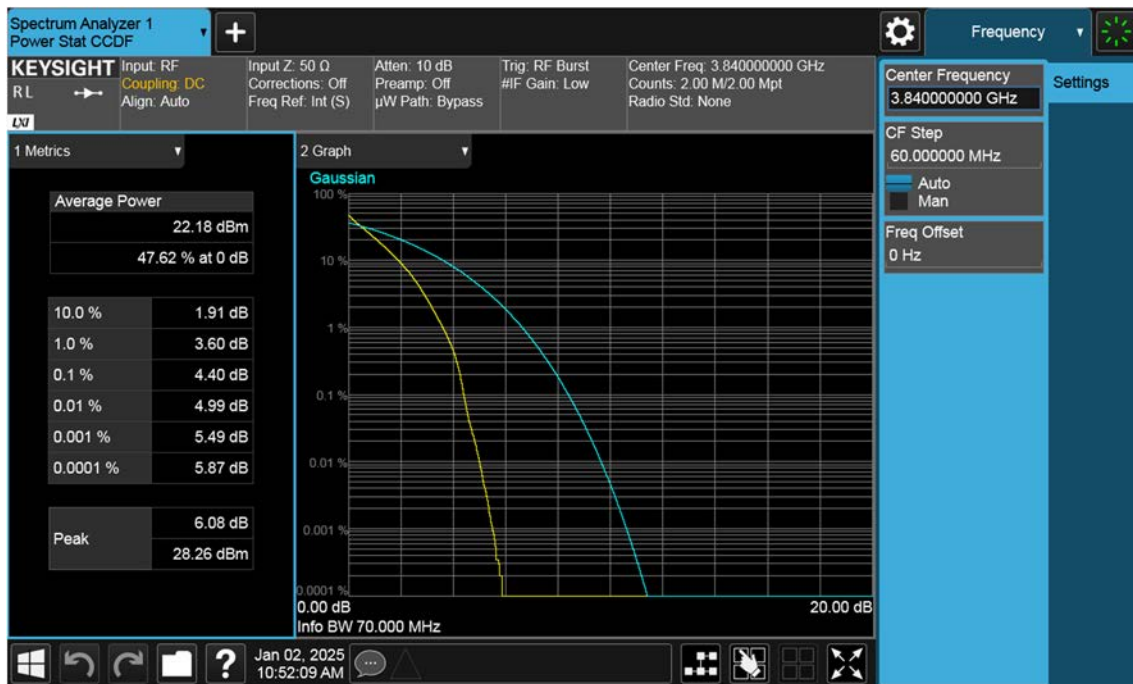
n77(3700~3980 MHz)_60 M_PAR_Mid_64QAM_FullRB



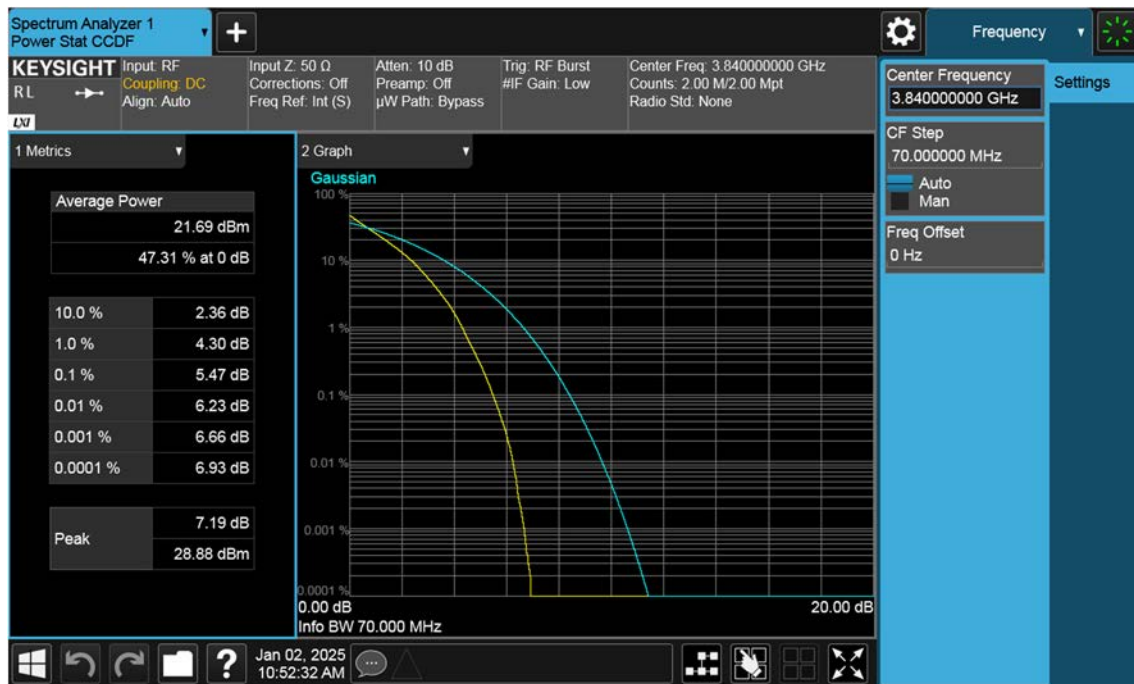
n77(3700~3980 MHz)_60 M_PAR_Mid_256QAM_FullRB



n77(3700~3980 MHz)_70 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_70 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_70 M_PAR_Mid_16QAM_FullRB



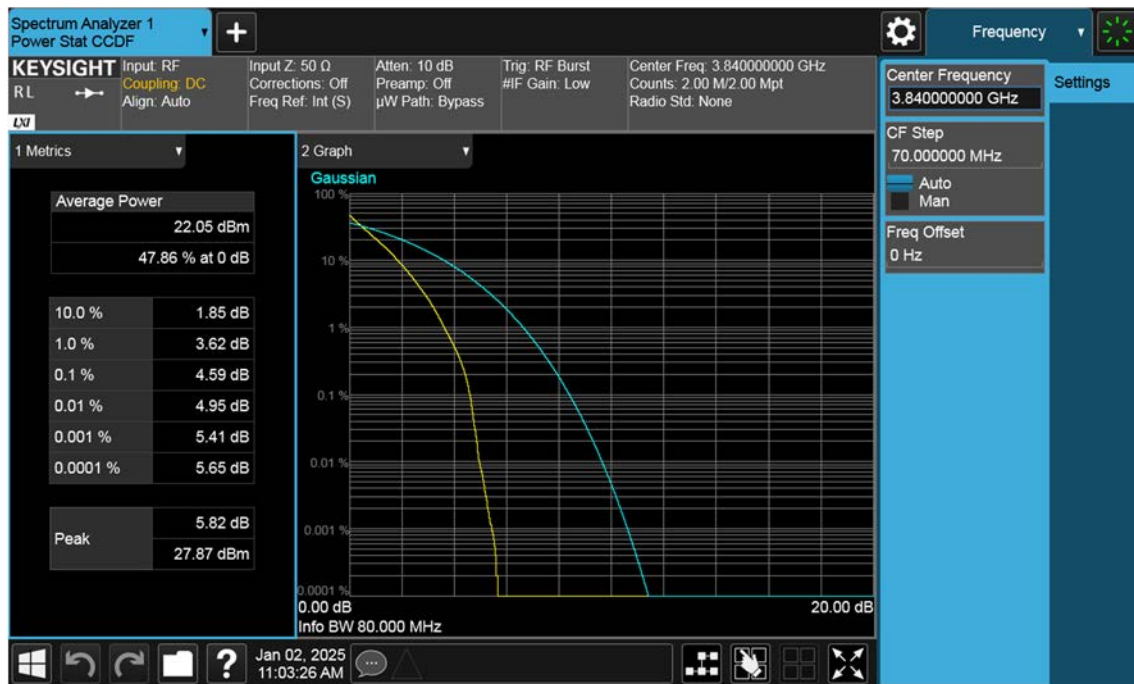
n77(3700~3980 MHz)_70 M_PAR_Mid_64QAM_FullRB



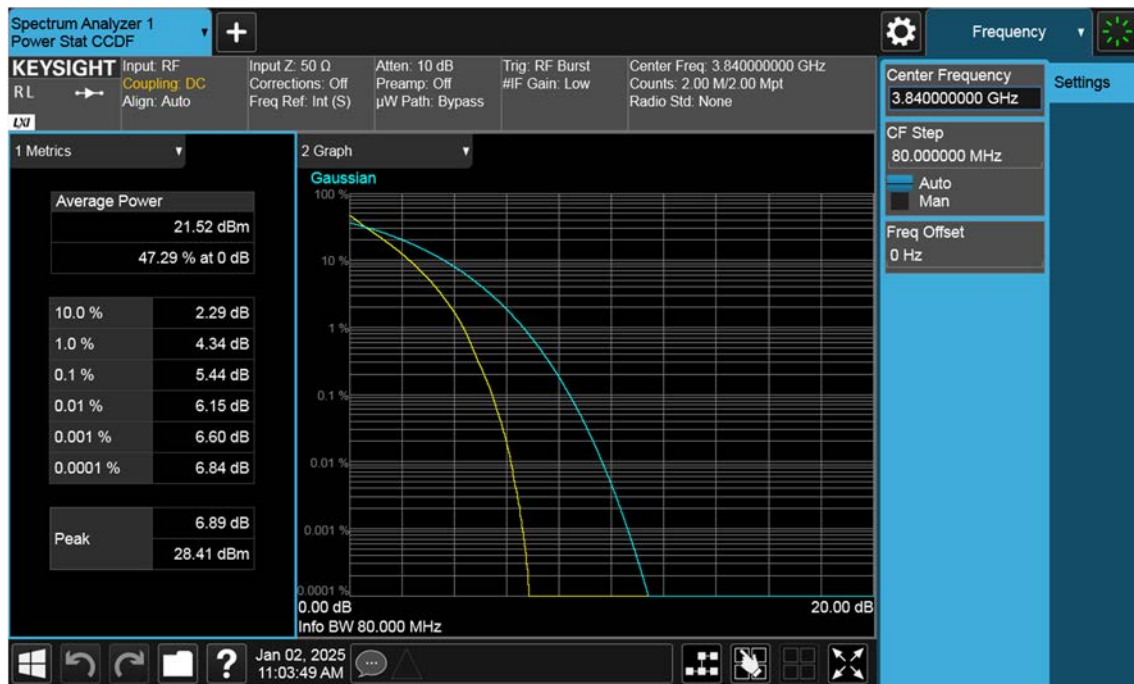
n77(3700~3980 MHz)_70 M_PAR_Mid_256QAM_FullRB



n77(3700~3980 MHz)_80 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_80 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_80 M_PAR_Mid_16QAM_FullRB



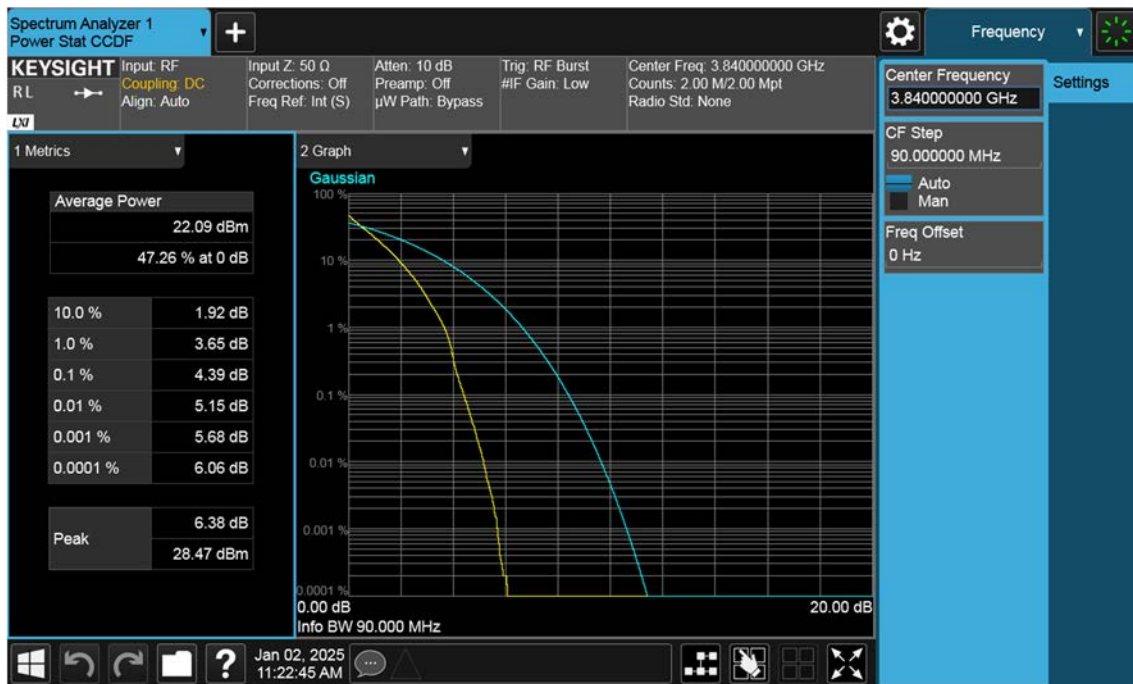
n77(3700~3980 MHz)_80 M_PAR_Mid_64QAM_FullRB



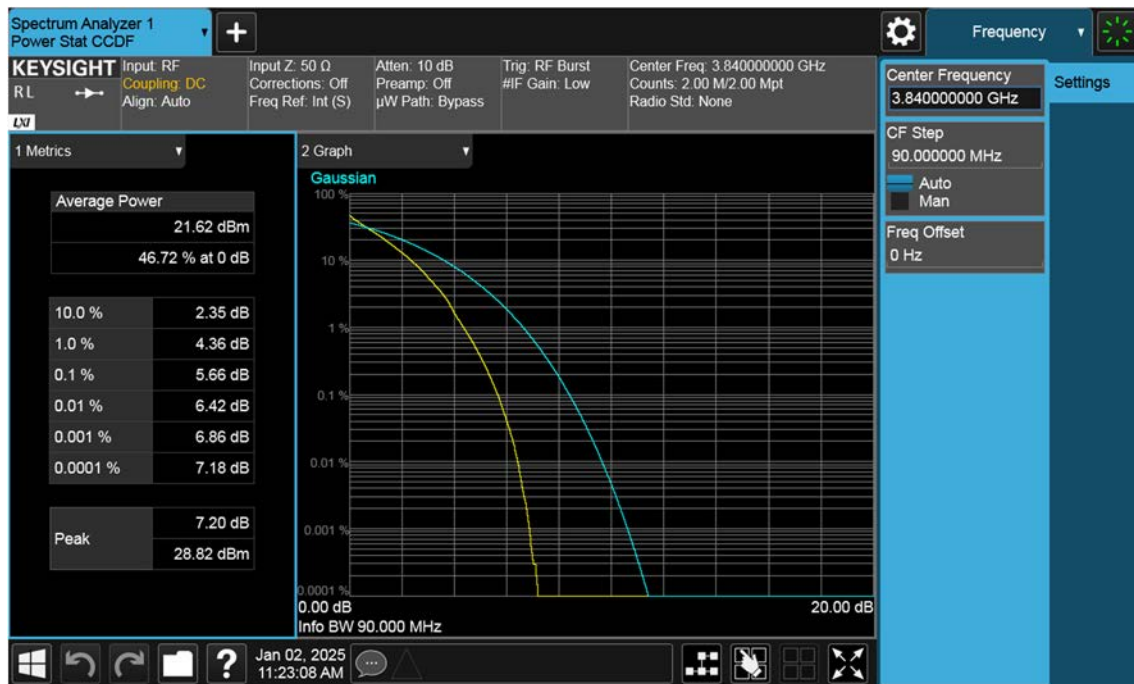
n77(3700~3980 MHz)_80 M_PAR_Mid_256QAM_FullRB



n77(3700~3980 MHz)_90 M_PAR_Mid_BPSK_FullRB



n77(3700~3980 MHz)_90 M_PAR_Mid_QPSK_FullRB



n77(3700~3980 MHz)_90 M_PAR_Mid_16QAM_FullRB



n77(3700~3980 MHz)_90 M_PAR_Mid_64QAM_FullRB



n77(3700~3980 MHz)_90 M_PAR_Mid_256QAM_FullRB

