

NR n77(3450~3550 MHz)_70 M_Band Edge_High_PI/2 BPSK_FullIRB(2)



NR n77(3450~3550 MHz)_70 M_Band Edge_High_PI/2 BPSK_1RB(2)



NR n77(3450~3550 MHz)_70 M_Band Edge_High_PI/2 BPSK_FullIRB(3)



NR n77(3450~3550 MHz)_70 M_Band Edge_High_PI/2 BPSK_1RB(3)



NR n77(3450~3550 MHz)_80 M_Band Edge_Low_PI/2 BPSK_FullIRB(1)



NR n77(3450~3550 MHz)_80 M_Band Edge_Low_PI/2 BPSK_1RB(1)



NR n77(3450~3550 MHz)_80 M_Band Edge_Low_PI/2 BPSK_FullIRB(2)



NR n77(3450~3550 MHz)_80 M_Band Edge_Low_PI/2 BPSK_1RB(2)



NR n77(3450~3550 MHz)_80 M_Band Edge_Low_PI/2 BPSK_FullIRB(3)



NR n77(3450~3550 MHz)_80 M_Band Edge_Low_PI/2 BPSK_1RB(3)



NR n77(3450~3550 MHz)_80 M_Band Edge_High_PI/2 BPSK_FullIRB(1)



NR n77(3450~3550 MHz)_80 M_Band Edge_High_PI/2 BPSK_1RB(1)



NR n77(3450~3550 MHz)_80 M_Band Edge_High_PI/2 BPSK_FullIRB(2)



NR n77(3450~3550 MHz)_80 M_Band Edge_High_PI/2 BPSK_1RB(2)



NR n77(3450~3550 MHz)_80 M_Band Edge_High_PI/2 BPSK_FullIRB(3)



NR n77(3450~3550 MHz)_80 M_Band Edge_High_PI/2 BPSK_1RB(3)



NR n77(3450~3550 MHz)_90 M_Band Edge_Low_PI/2 BPSK_FullRB(1)



NR n77(3450~3550 MHz)_90 M_Band Edge_Low_PI/2 BPSK_1RB(1)



NR n77(3450~3550 MHz)_90 M_Band Edge_Low_PI/2 BPSK_FullIRB(2)



NR n77(3450~3550 MHz)_90 M_Band Edge_Low_PI/2 BPSK_1RB(2)



NR n77(3450~3550 MHz)_90 M_Band Edge_Low_PI/2 BPSK_FullIRB(3)



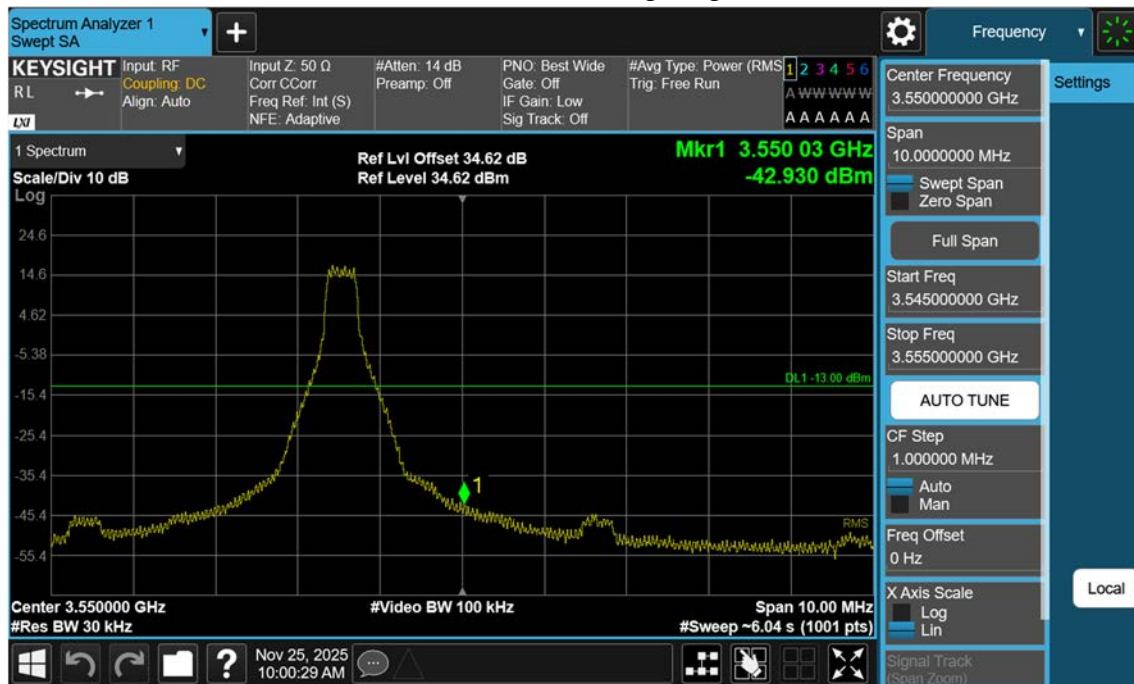
NR n77(3450~3550 MHz)_90 M_Band Edge_Low_PI/2 BPSK_1RB(3)



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

- Title Bar:** Spectrum Analyzer 1, Swept SA.
- Top Panel:** Includes various settings such as Input Z (50 Ω), #Atten (14 dB), PNO (Best Wide), #Avg Type (Power (RMS)), and Center Frequency (3.55000000 GHz).
- Main Display:** A log-scale spectrum plot showing a signal trace. The Y-axis is labeled "Scale/Div 10 dB Log". The X-axis shows frequency. A green horizontal line indicates the reference level at -13.00 dBm. A yellow marker labeled "1" points to a specific signal component.
- Right Panel:** Contains controls for Span (10.000000 MHz), 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), and Signal Track (Span 80%).
- Status Bar:** Shows the current center frequency (Center 3.550000 GHz), video bandwidth (#Video BW 1.0 MHz), resolution bandwidth (#Res BW 200 kHz), and sweep time (#Sweep ~6.04 s (1001 pts)).

NR n77(3450~3550 MHz)_90 M_Band Edge_High_PI/2 BPSK_1RB(1)



NR n77(3450~3550 MHz)_90 M_Band Edge_High_PI/2 BPSK_FullIRB(2)



NR n77(3450~3550 MHz)_90 M_Band Edge_High_PI/2 BPSK_1RB(2)



NR n77(3450~3550 MHz)_90 M_Band Edge_High_PI/2 BPSK_FullIRB(3)



NR n77(3450~3550 MHz)_90 M_Band Edge_High_PI/2 BPSK_1RB(3)



NR n77(3450~3550 MHz)_100 M_Band Edge_Low_PI/2 BPSK_FullRB(1)



NR n77(3450~3550 MHz)_100 M_Band Edge_Low_PI/2 BPSK_1RB(1)



NR n77(3450~3550 MHz)_100 M_Band Edge_Low_PI/2 BPSK_FullRB(2)



NR n77(3450~3550 MHz)_100 M_Band Edge_Low_PI/2 BPSK_1RB(2)



NR n77(3450~3550 MHz)_100 M_Band Edge_Low_PI/2 BPSK_FullRB(3)



NR n77(3450~3550 MHz)_100 M_Band Edge_Low_PI/2 BPSK_1RB(3)

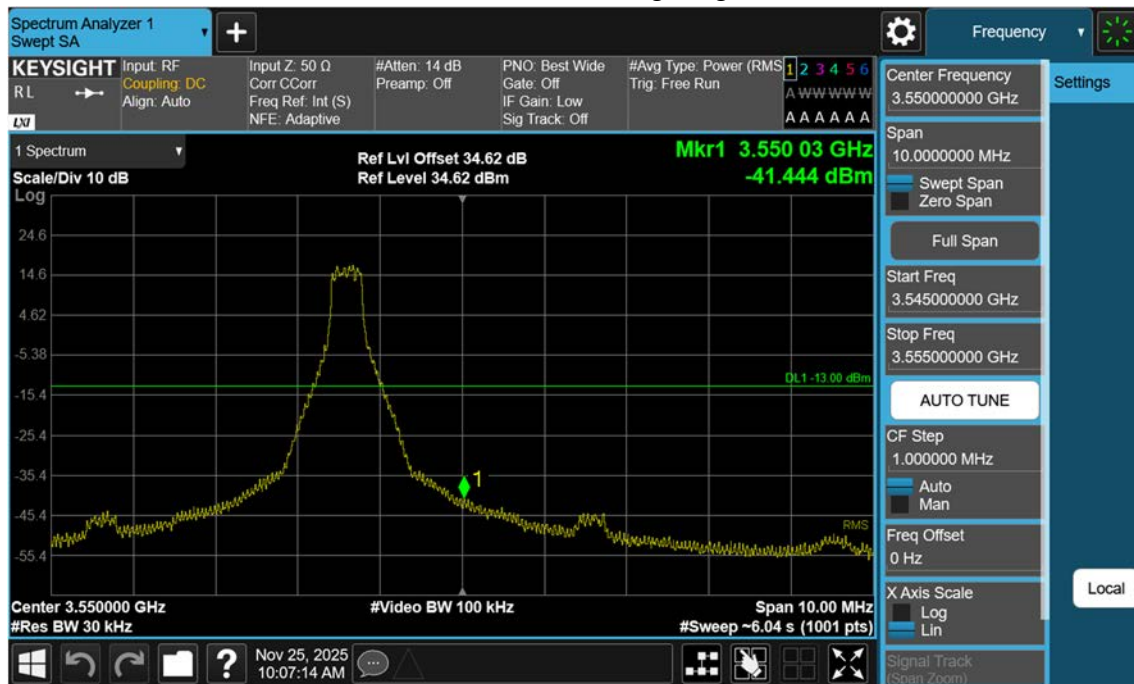


The screenshot displays the Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a yellow trace. A peak is identified and labeled with a green '1'. The plot parameters are as follows:

- Center Frequency:** 3.550000 GHz
- Span:** 10.00 MHz
- Scale/Div:** 10 dB
- Ref Lvl Offset:** 34.62 dB
- Ref Level:** 34.62 dBm
- Video BW:** 1.0 MHz
- Span:** 10.00 MHz
- #Sweep:** ~6.04 s (1001 pts)

The peak '1' is located at approximately 3.55001 GHz with a power level of -35.951 dBm. The trace shows a signal that drops off significantly after the peak. The interface includes various control panels on the right for settings like Center Frequency, Span, Start Freq, Stop Freq, and Auto Tune.

NR n77(3450~3550 MHz)_100 M_Band Edge_High_PI/2 BPSK_1RB(1)



NR n77(3450~3550 MHz)_100 M_Band Edge_High_PI/2 BPSK_FullRB(2)



NR n77(3450~3550 MHz)_100 M_Band Edge_High_PI/2 BPSK_1RB(2)



NR n77(3450~3550 MHz)_100 M_Band Edge_High_PI/2 BPSK_FullRB(3)

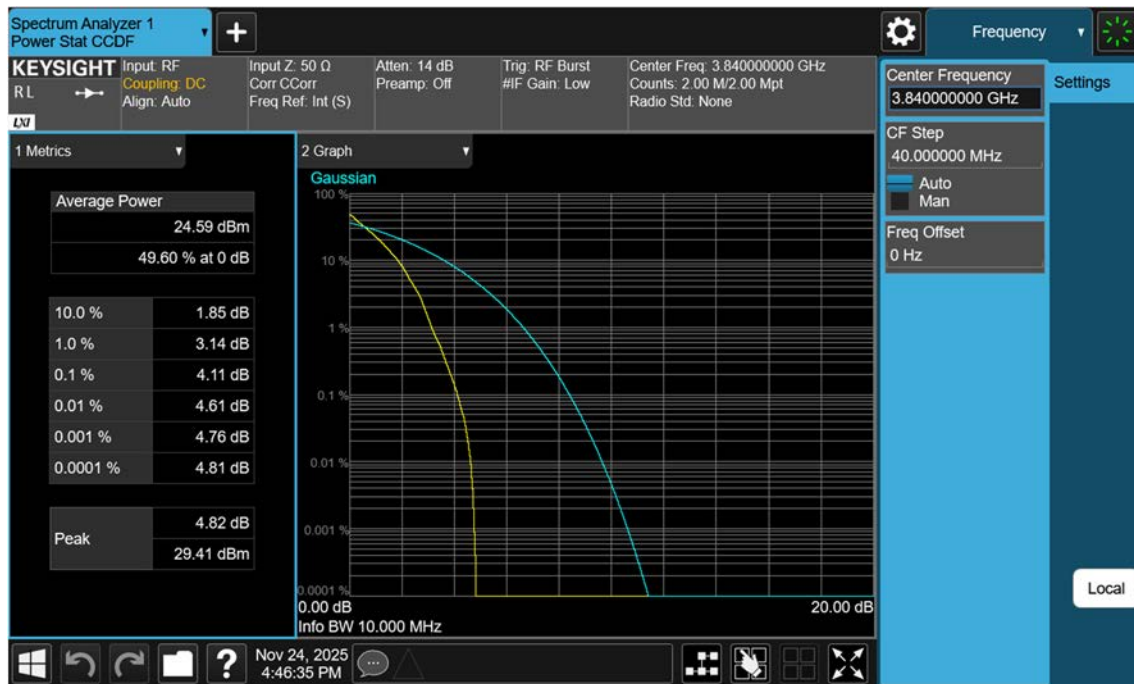


NR n77(3450~3550 MHz)_100 M_Band Edge_High_PI/2 BPSK_1RB(3)

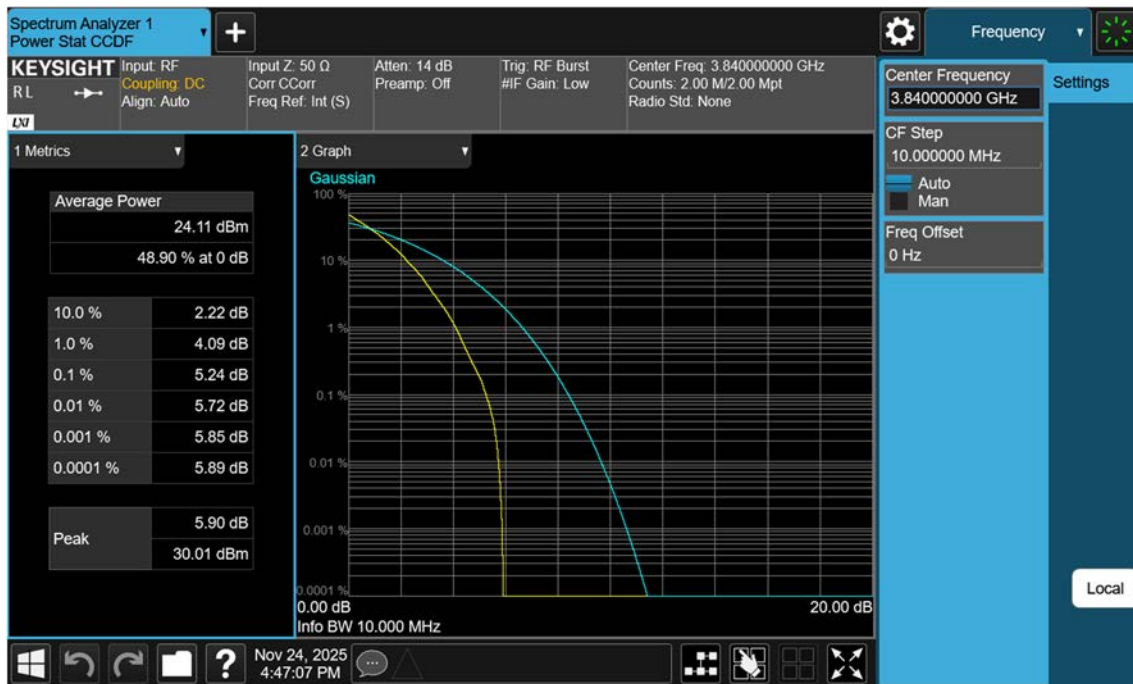


11. TEST PLOTS(3700 MHz - 3980 MHz)

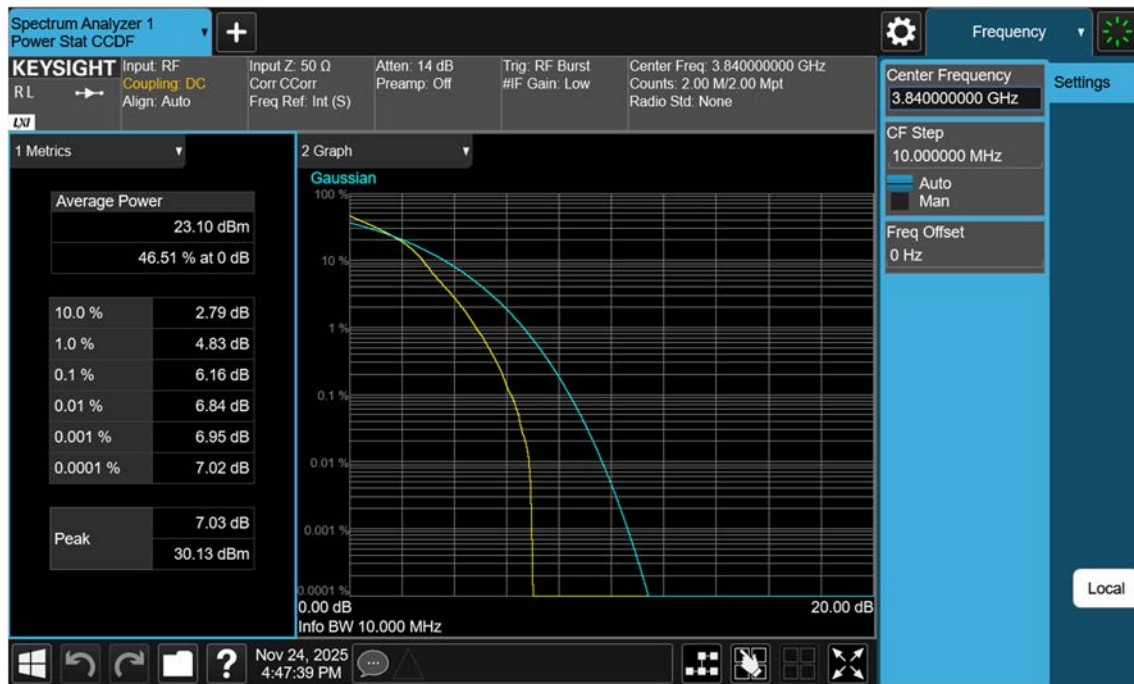
NR n77(3700~3980 MHz)_10 M_PAR_Mid_PI/2 BPSK_FullRB



NR n77(3700~3980 MHz)_10 M_PAR_Mid_QPSK_FullIRB



NR n77(3700~3980 MHz)_10 M_PAR_Mid_16QAM_FullRB



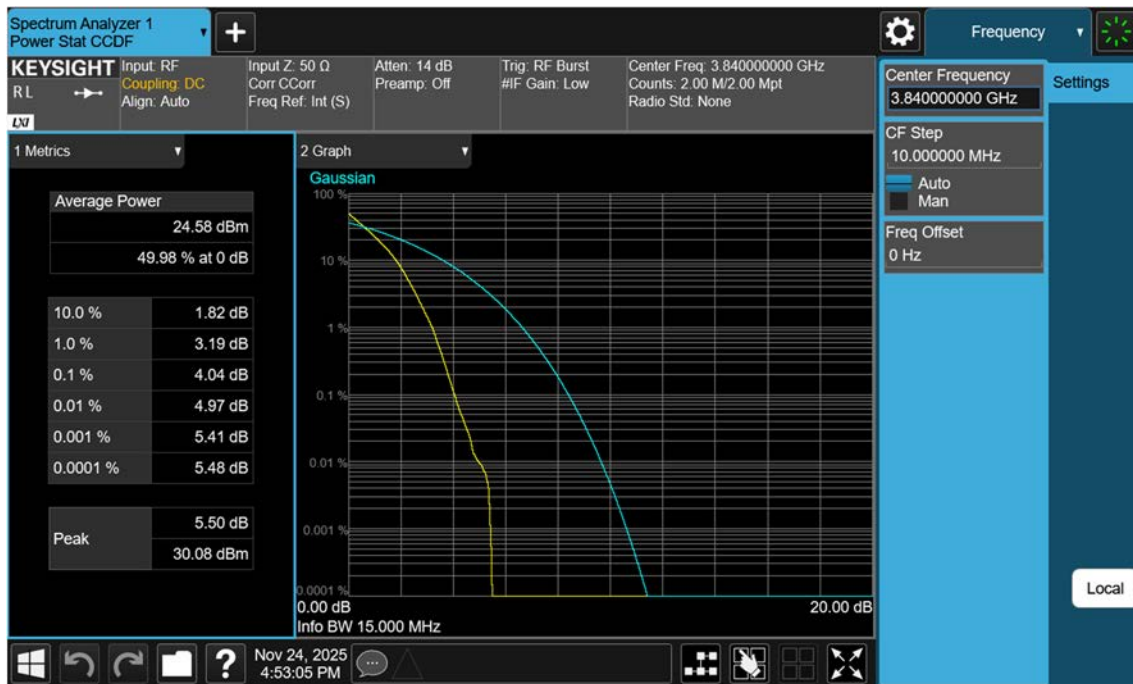
NR n77(3700~3980 MHz)_10 M_PAR_Mid_64QAM_FullRB



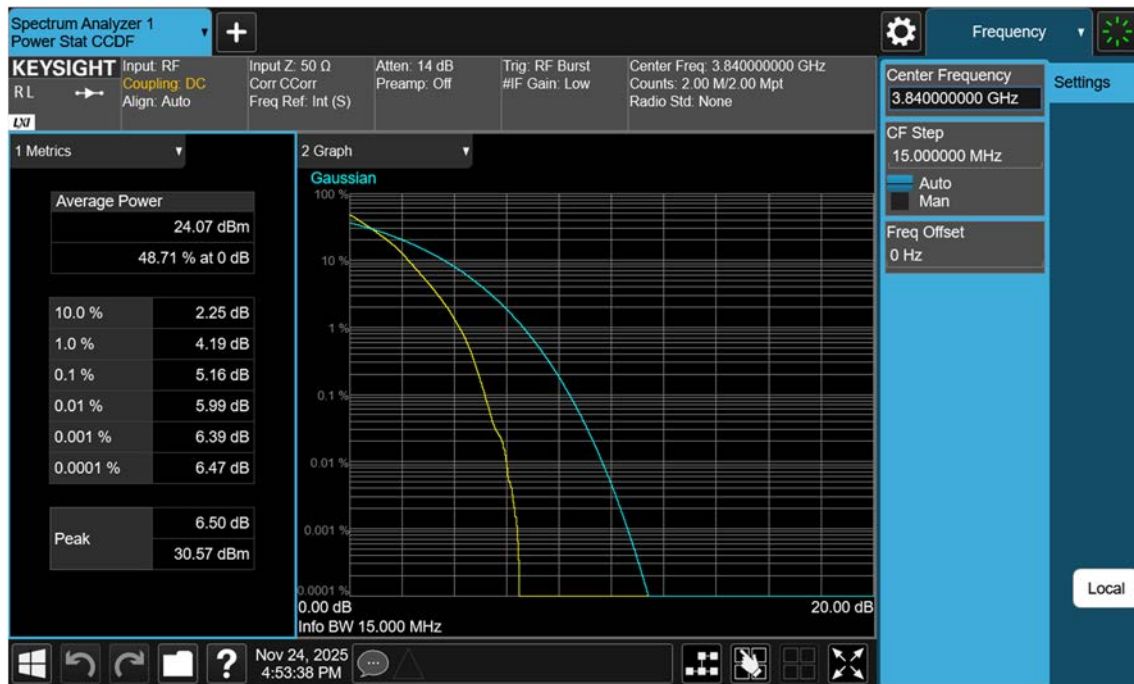
NR n77(3700~3980 MHz)_10 M_PAR_Mid_256QAM_FullIRB



NR n77(3700~3980 MHz)_15 M_PAR_Mid_PI/2 BPSK_FullRB



NR n77(3700~3980 MHz)_15 M_PAR_Mid_QPSK_FullIRB



NR n77(3700~3980 MHz)_15 M_PAR_Mid_16QAM_FullRB



NR n77(3700~3980 MHz)_15 M_PAR_Mid_64QAM_FullRB



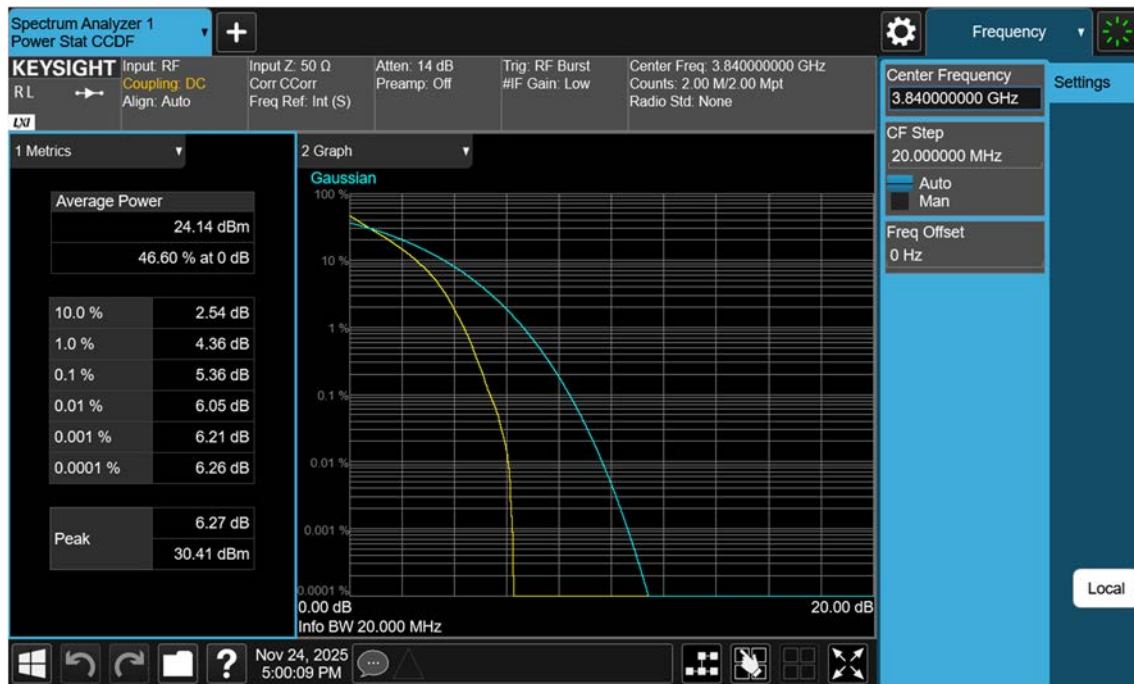
NR n77(3700~3980 MHz)_15 M_PAR_Mid_256QAM_FullIRB



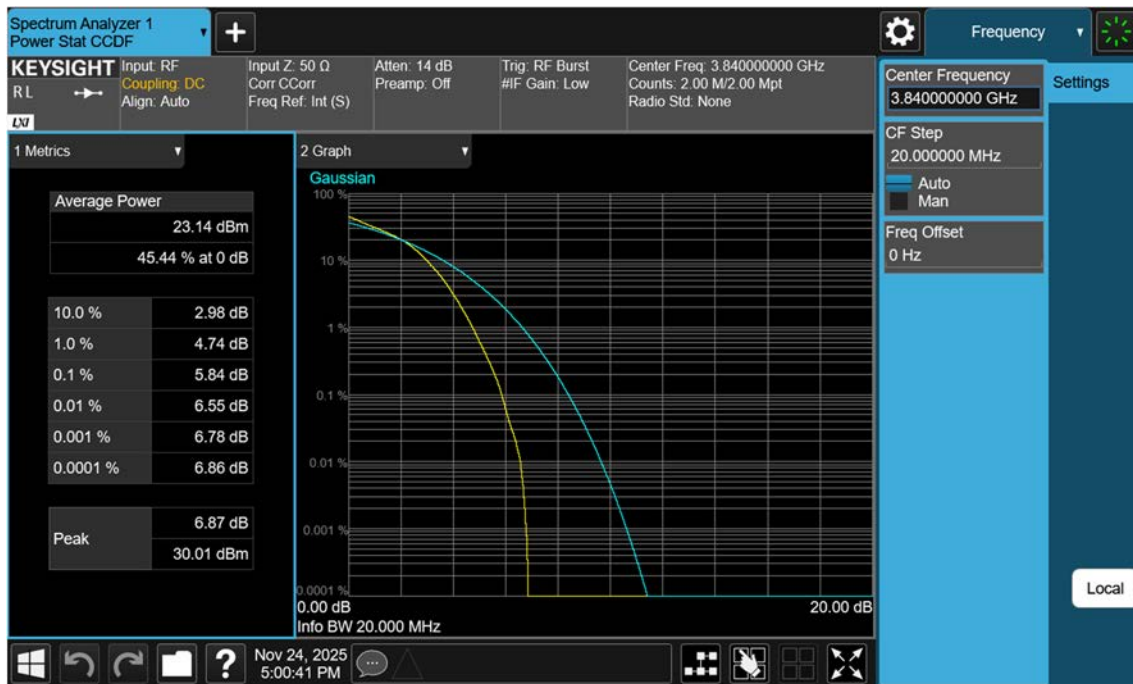
NR n77(3700~3980 MHz)_20 M_PAR_Mid_PI/2 BPSK_FullRB



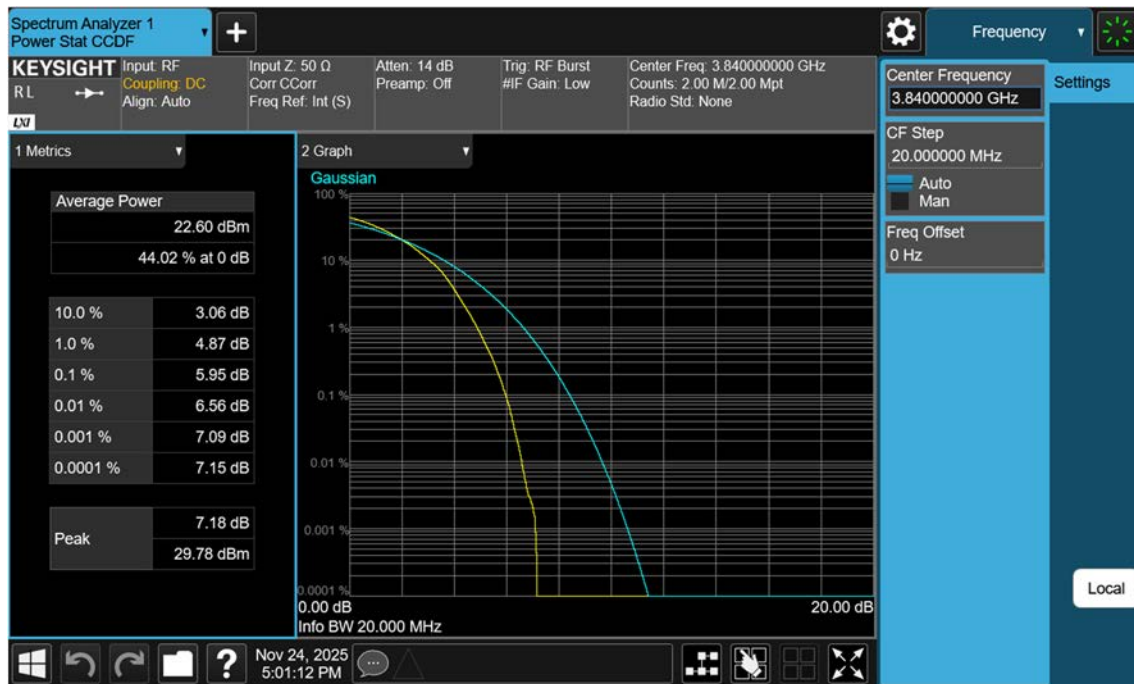
NR n77(3700~3980 MHz)_20 M_PAR_Mid_QPSK_FullIRB



NR n77(3700~3980 MHz)_20 M_PAR_Mid_16QAM_FullRB



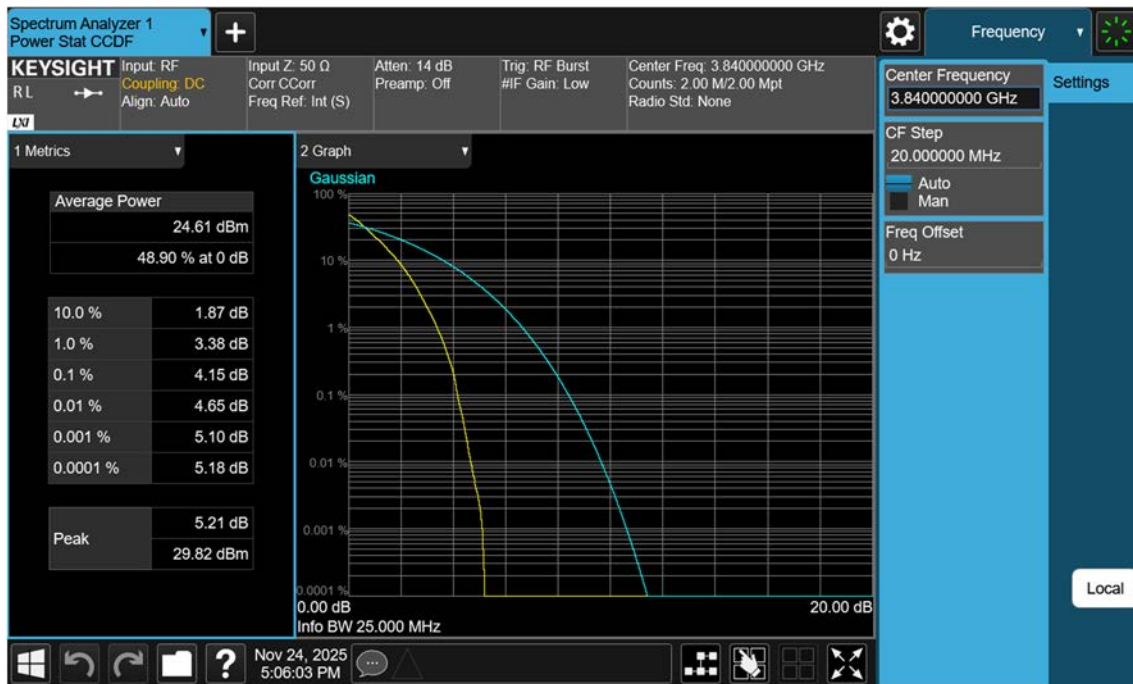
NR n77(3700~3980 MHz)_20 M_PAR_Mid_64QAM_FullRB



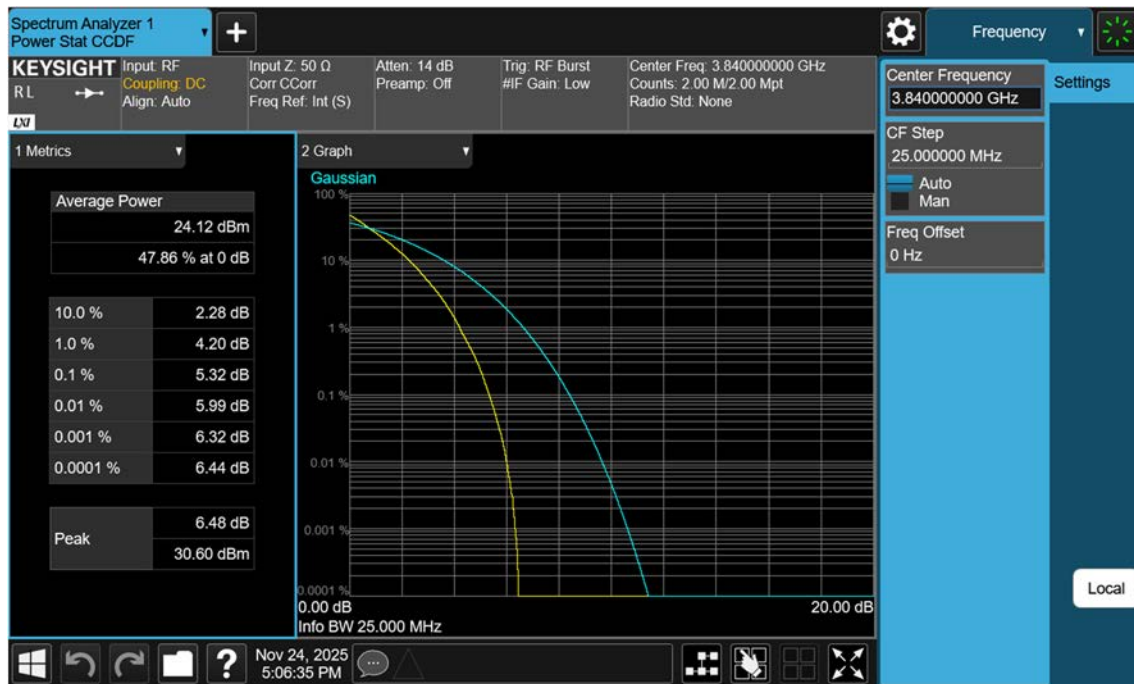
NR n77(3700~3980 MHz)_20 M_PAR_Mid_256QAM_FullIRB



NR n77(3700~3980 MHz)_25 M_PAR_Mid_PI/2 BPSK_FullRB



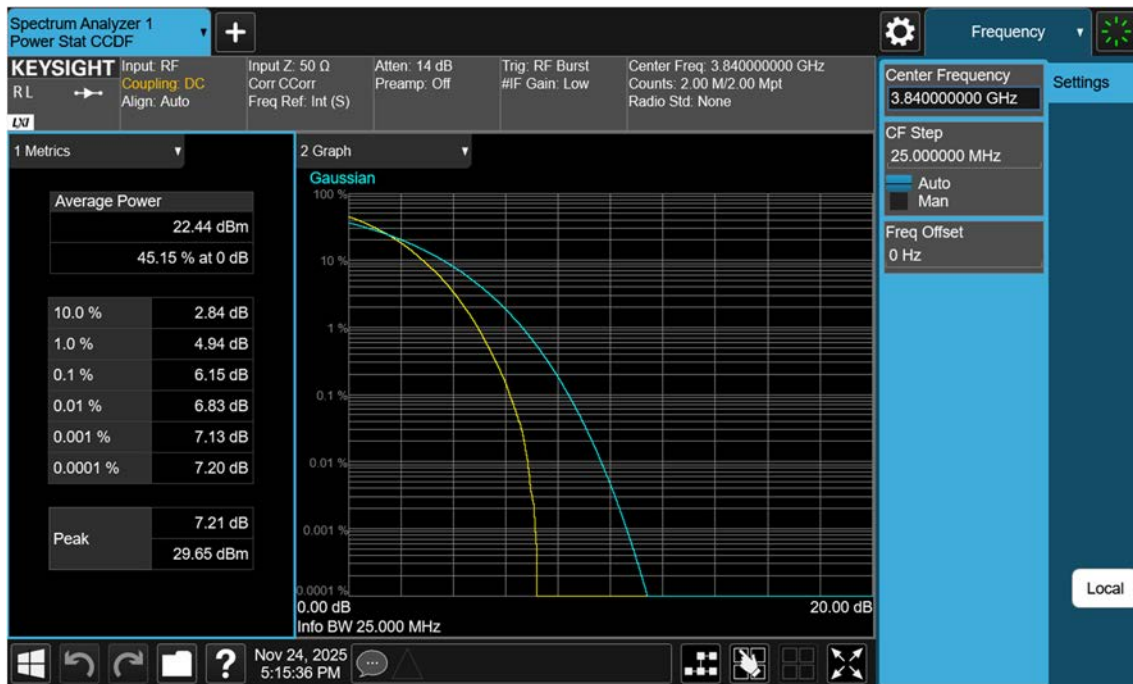
NR n77(3700~3980 MHz)_25 M_PAR_Mid_QPSK_FullIRB



NR n77(3700~3980 MHz)_25 M_PAR_Mid_16QAM_FullRB



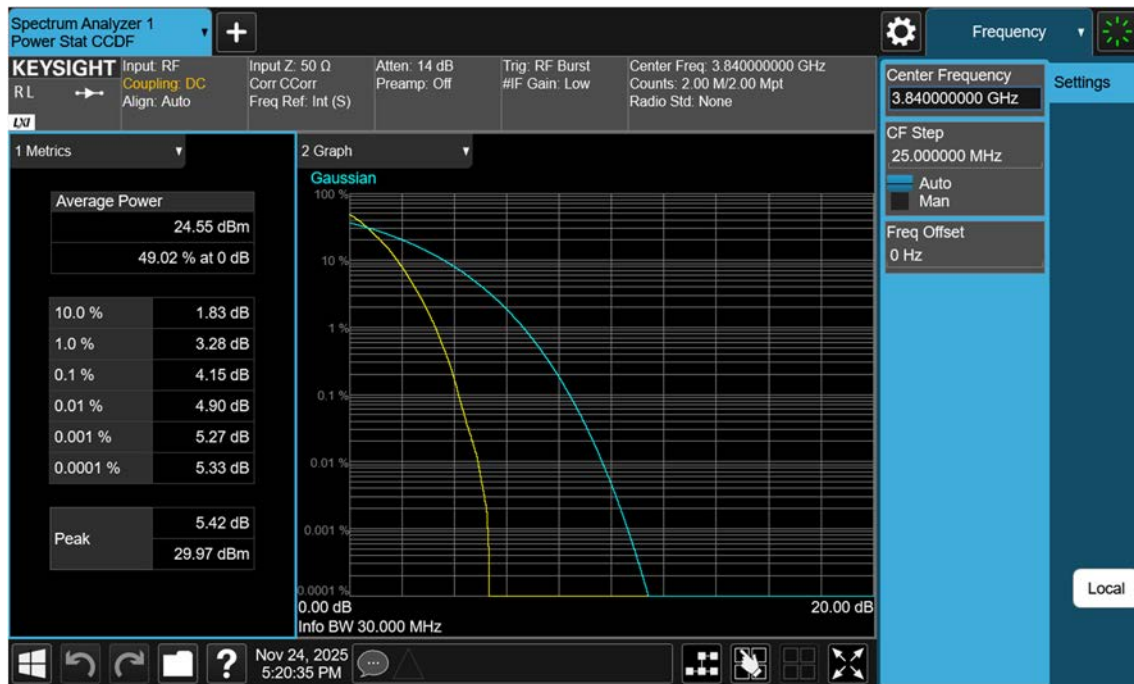
NR n77(3700~3980 MHz)_25 M_PAR_Mid_64QAM_FullRB



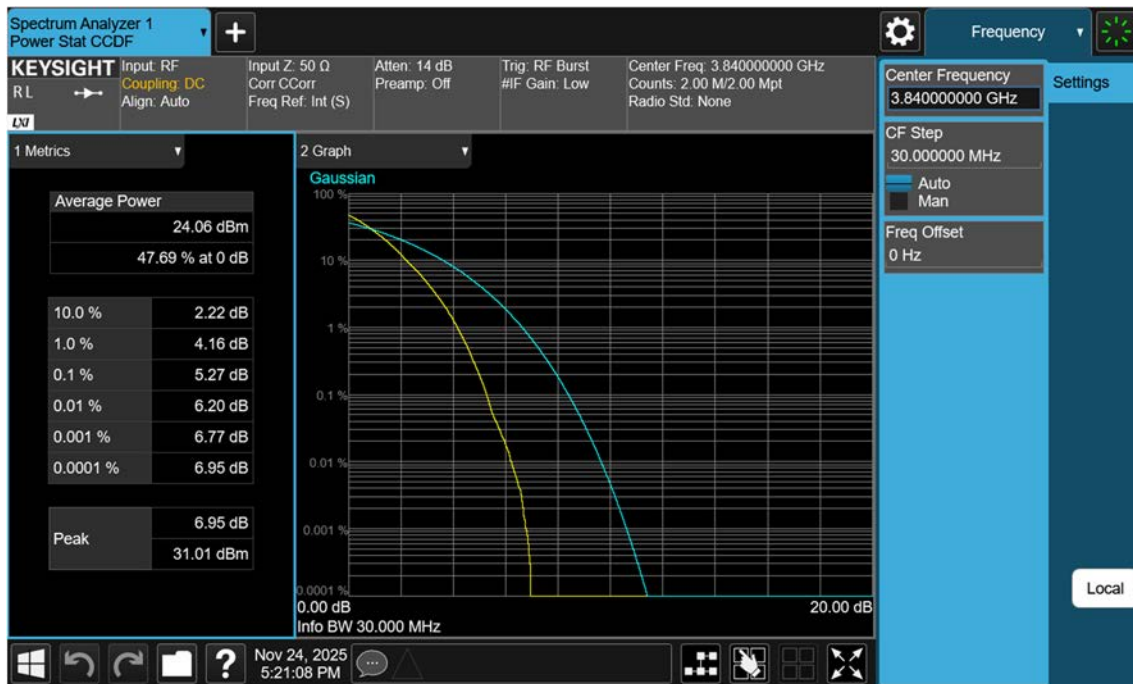
NR n77(3700~3980 MHz)_25 M_PAR_Mid_256QAM_FullIRB



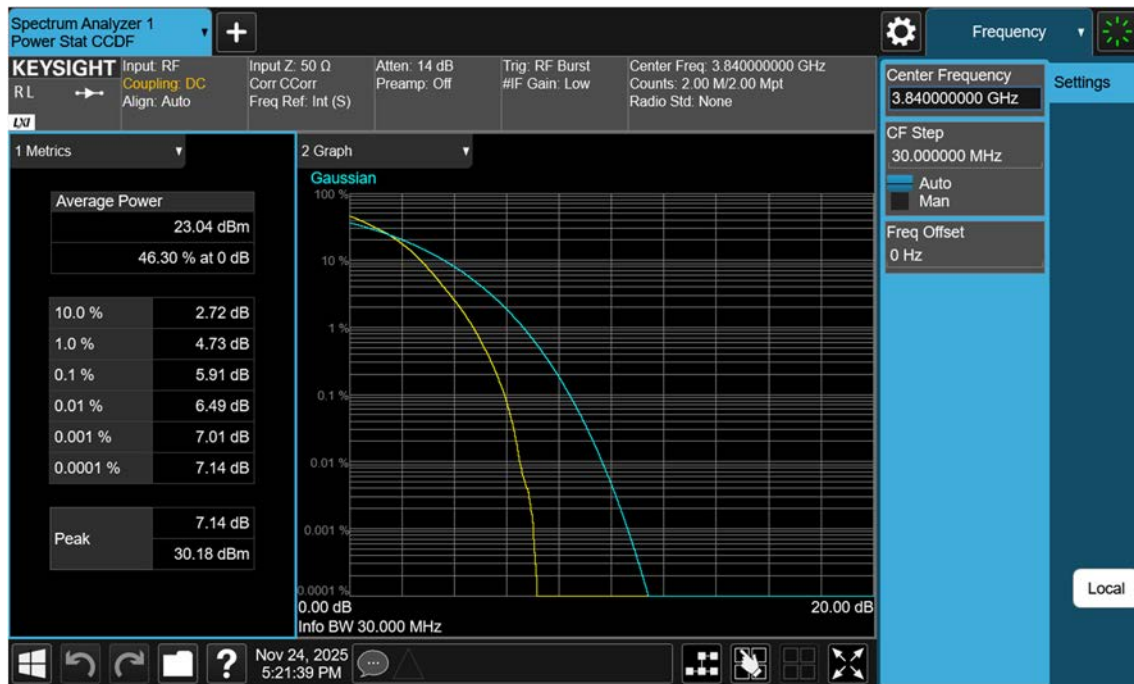
NR n77(3700~3980 MHz)_30 M_PAR_Mid_PI/2 BPSK_FullRB



NR n77(3700~3980 MHz)_30 M_PAR_Mid_QPSK_FullIRB



NR n77(3700~3980 MHz)_30 M_PAR_Mid_16QAM_FullRB



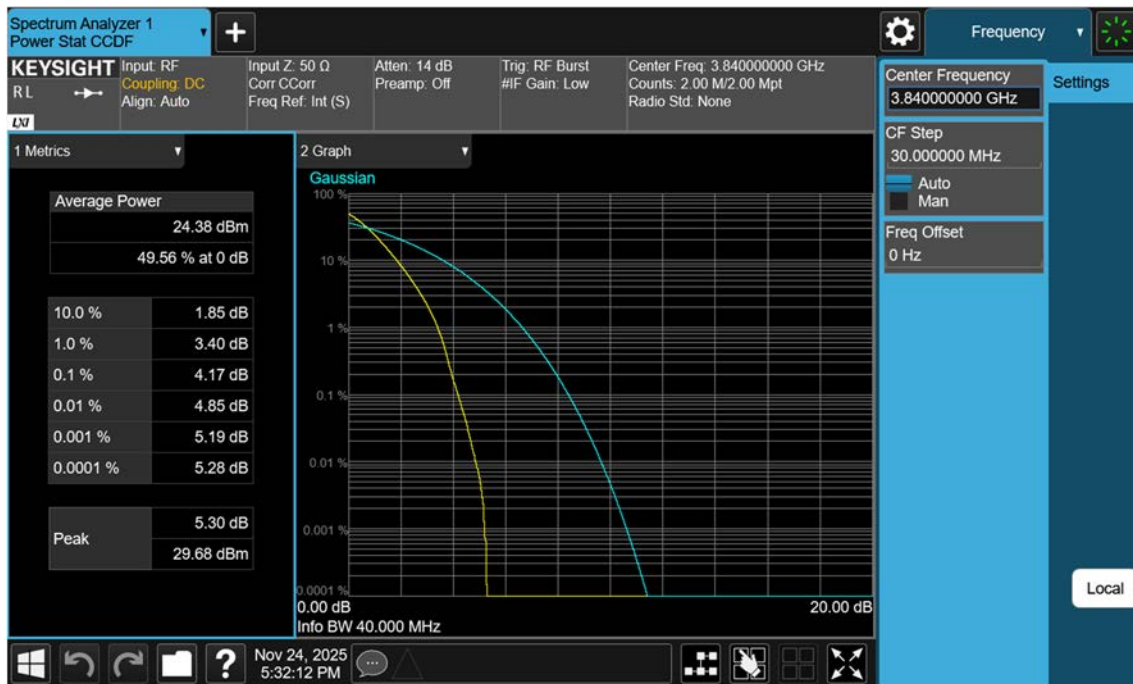
NR n77(3700~3980 MHz)_30 M_PAR_Mid_64QAM_FullRB



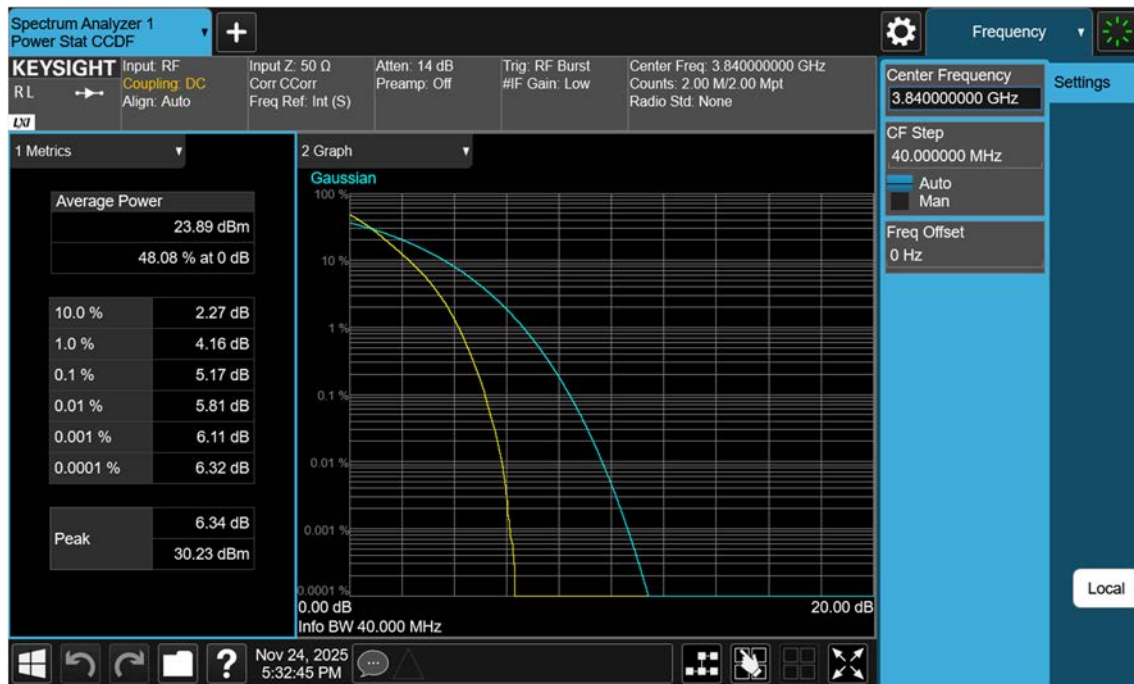
NR n77(3700~3980 MHz)_30 M_PAR_Mid_256QAM_FullIRB



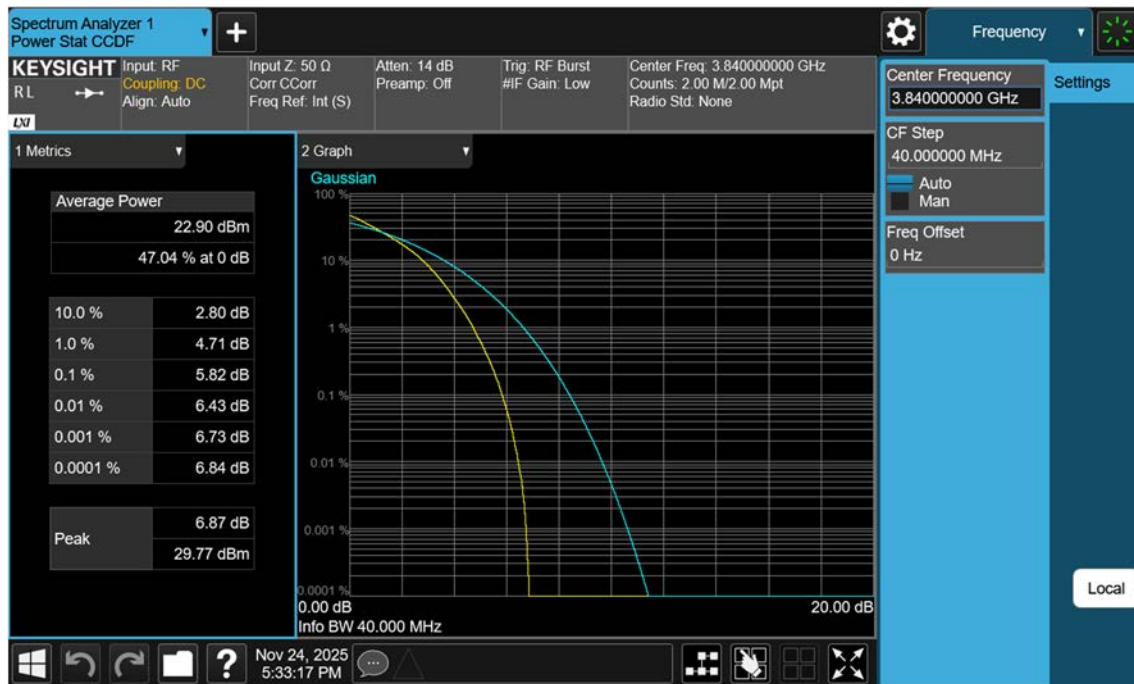
NR n77(3700~3980 MHz)_40 M_PAR_Mid_PI/2 BPSK_FullRB



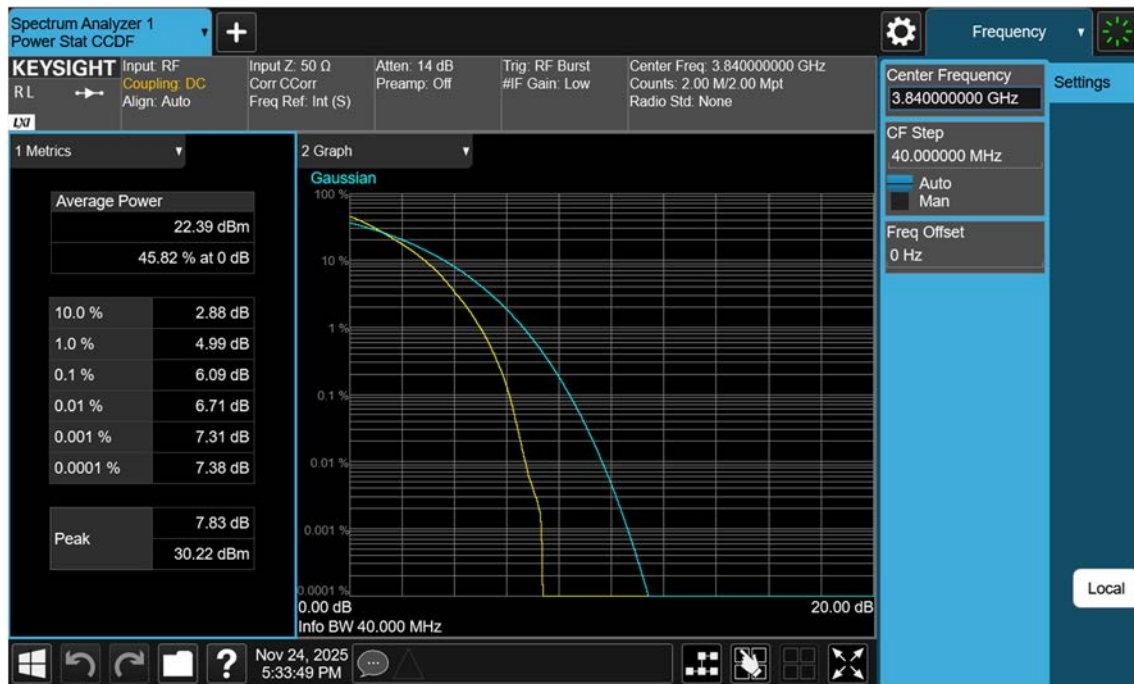
NR n77(3700~3980 MHz)_40 M_PAR_Mid_QPSK_FullIRB



NR n77(3700~3980 MHz)_40 M_PAR_Mid_16QAM_FullRB



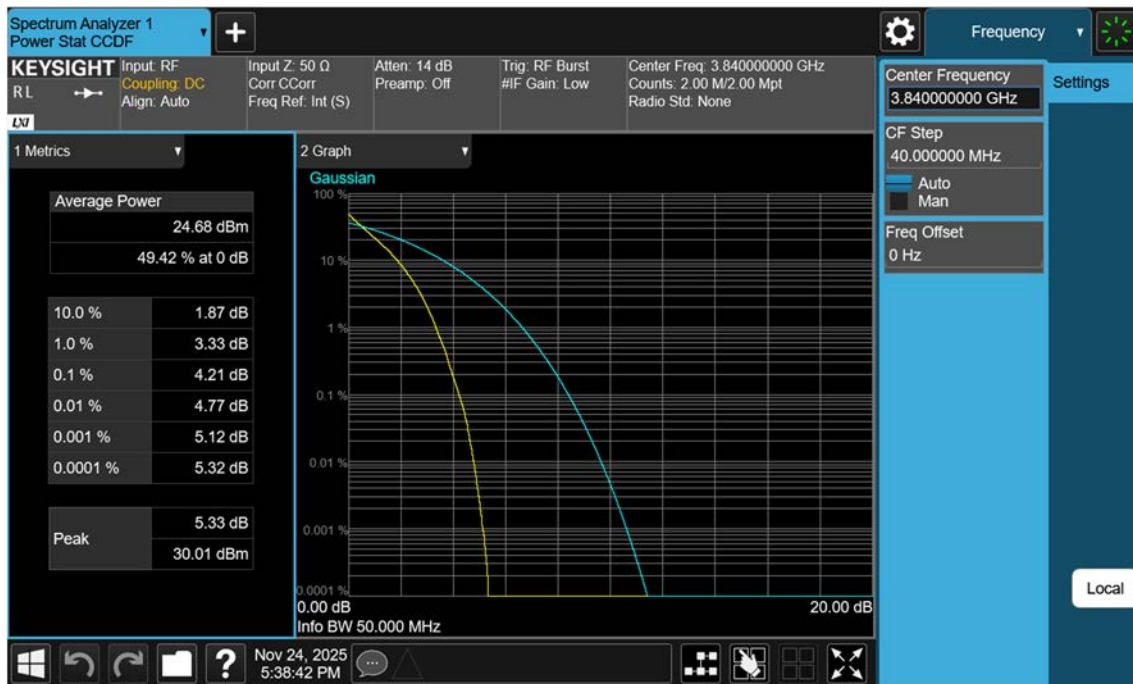
NR n77(3700~3980 MHz)_40 M_PAR_Mid_64QAM_FullRB



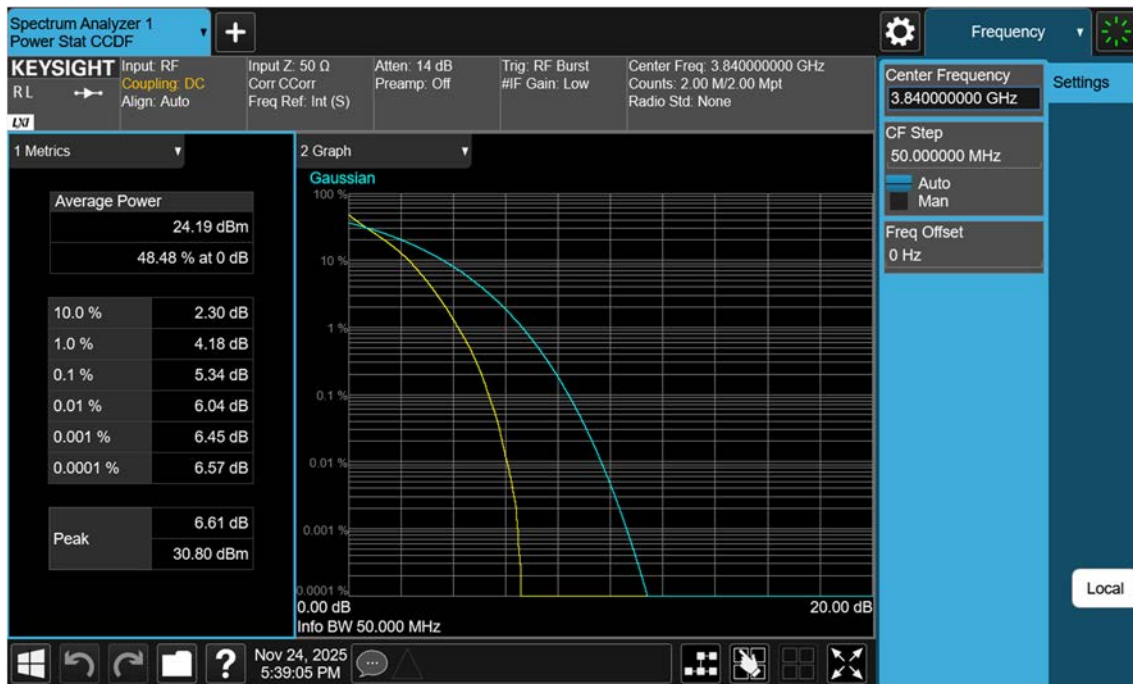
NR n77(3700~3980 MHz)_40 M_PAR_Mid_256QAM_FullIRB



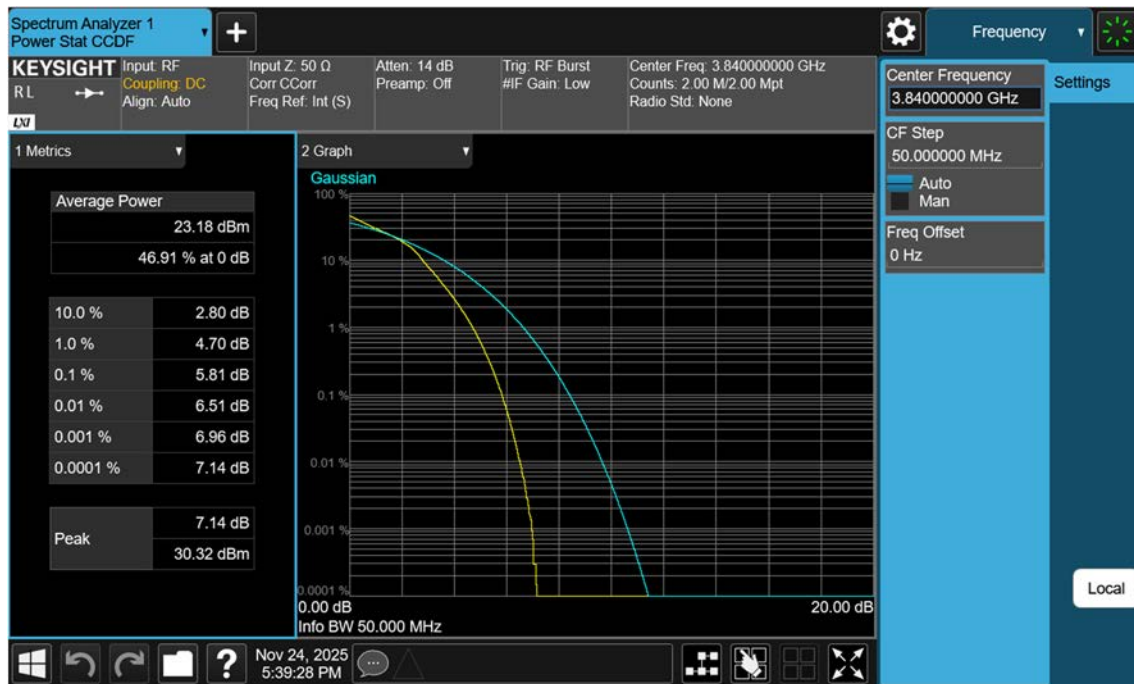
NR n77(3700~3980 MHz)_50 M_PAR_Mid_Pi/2 BPSK_FullRB



NR n77(3700~3980 MHz)_50 M_PAR_Mid_QPSK_FullIRB



NR n77(3700~3980 MHz)_50 M_PAR_Mid_16QAM_FullRB



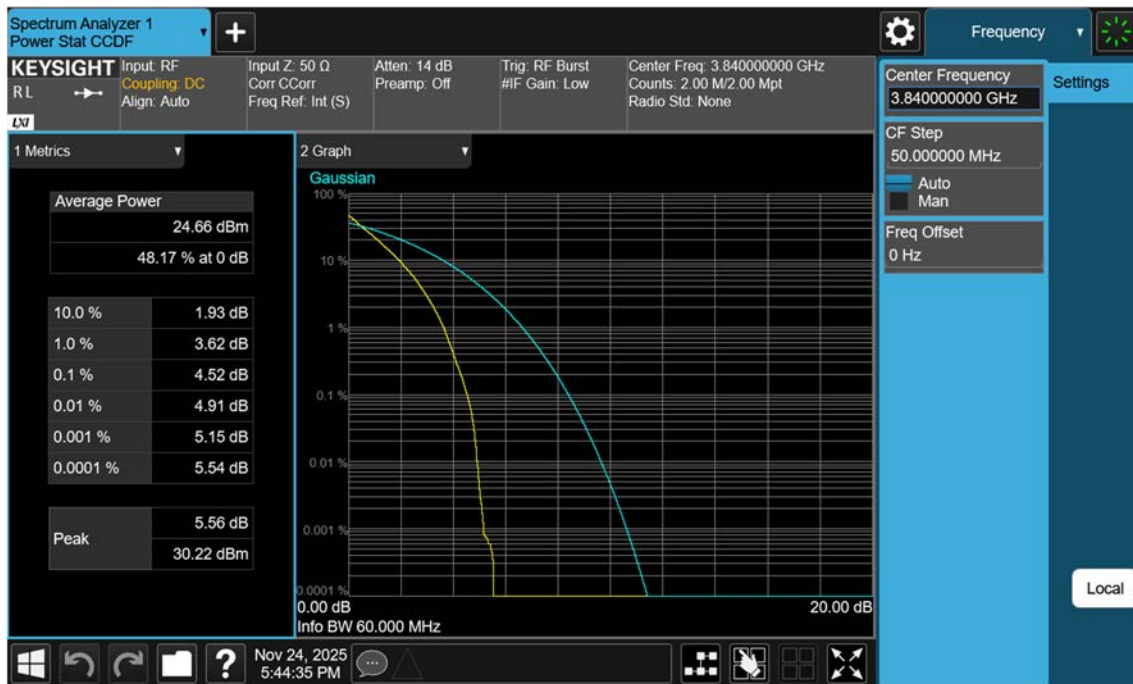
NR n77(3700~3980 MHz)_50 M_PAR_Mid_64QAM_FullRB



NR n77(3700~3980 MHz)_50 M_PAR_Mid_256QAM_FullIRB



NR n77(3700~3980 MHz)_60 M_PAR_Mid_PI/2 BPSK_FullRB



NR n77(3700~3980 MHz)_60 M_PAR_Mid_QPSK_FullIRB

