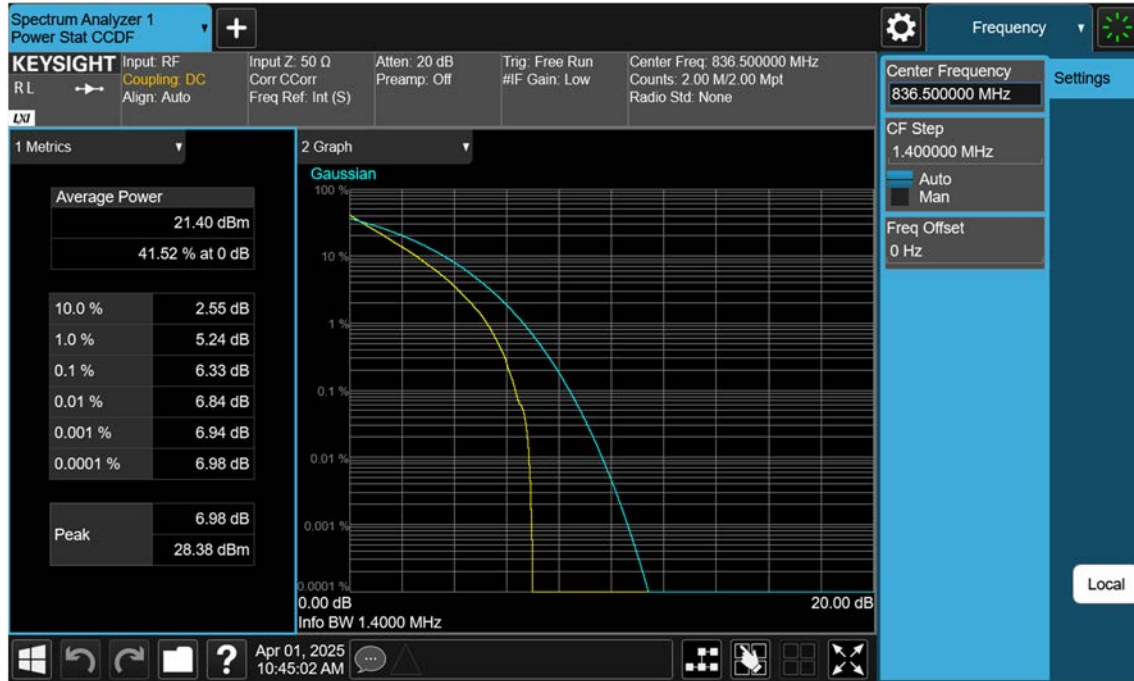


LTE B5_10 M_Extended Band Edge_High_QPSK_FullRB

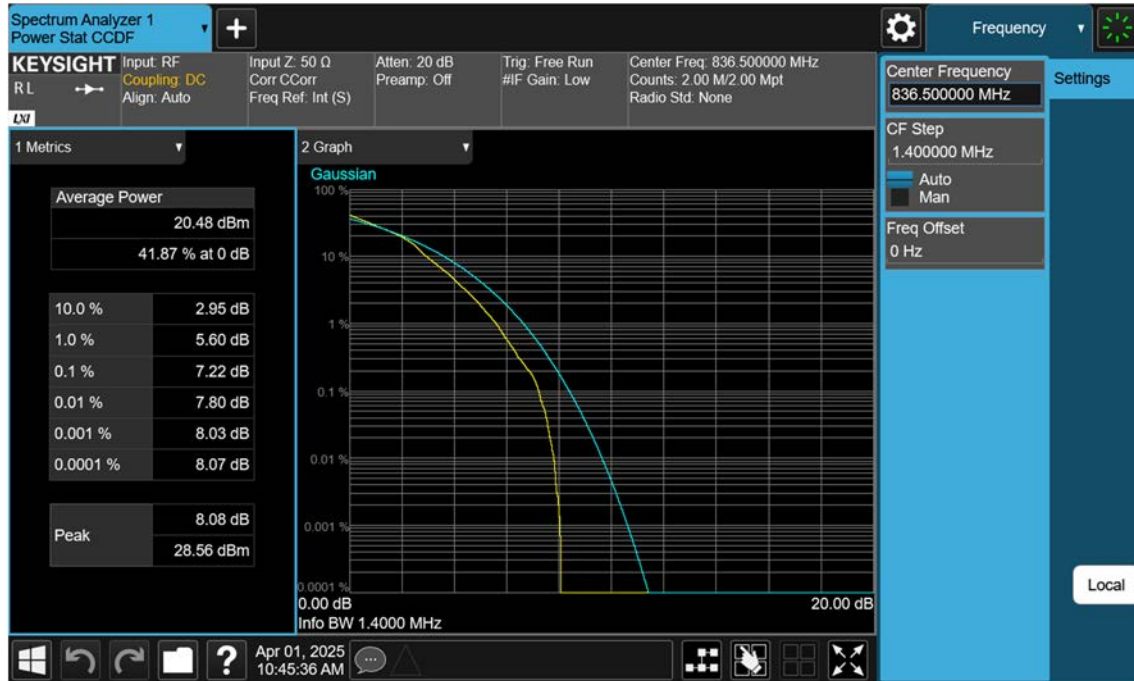


11. TEST PLOTS(Sub 1 ANT)

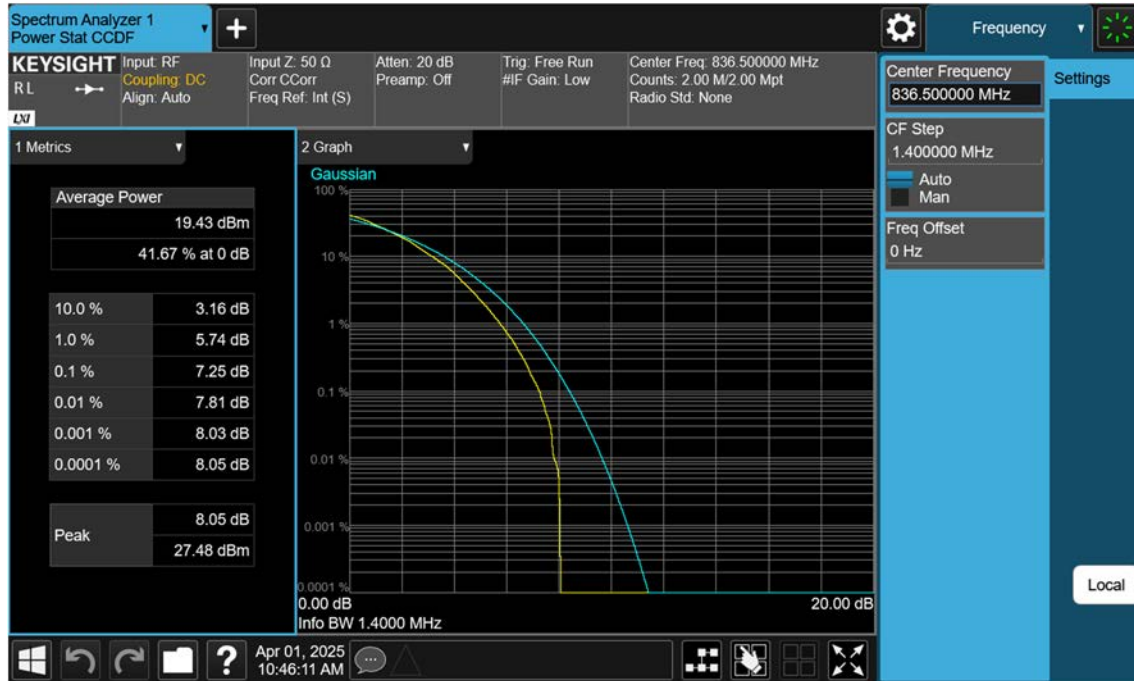
LTE B5_1.4M_PAR_Mid_QPSK_FullRB



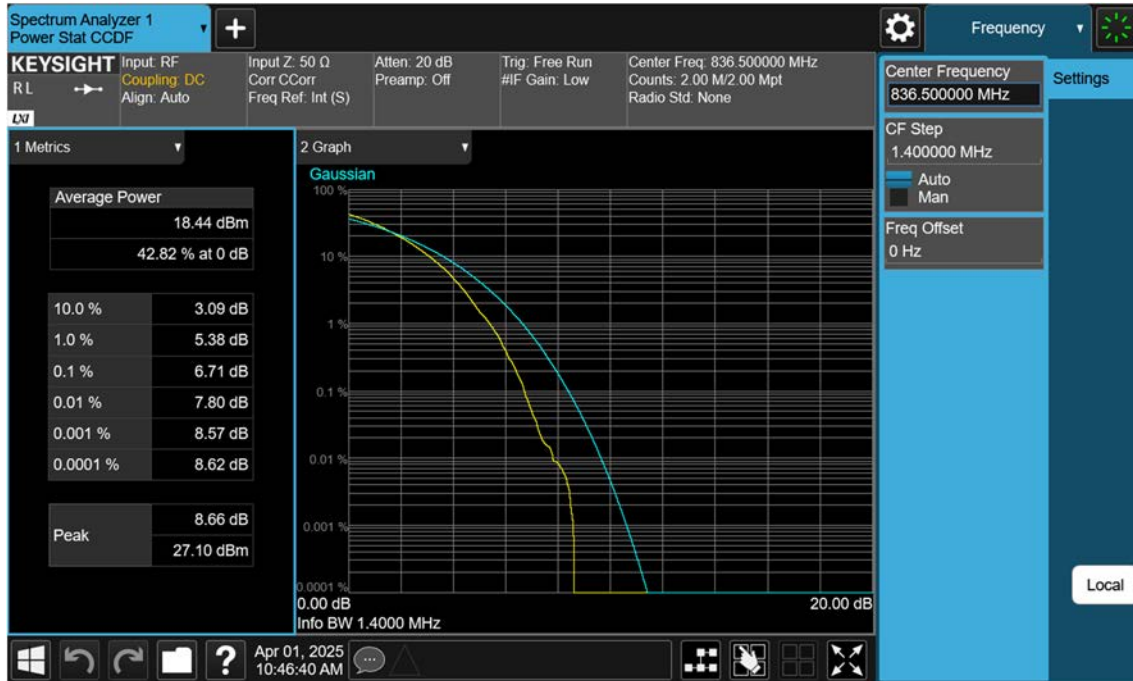
LTE B5_1.4M_PAR_Mid_16QAM_FullRB



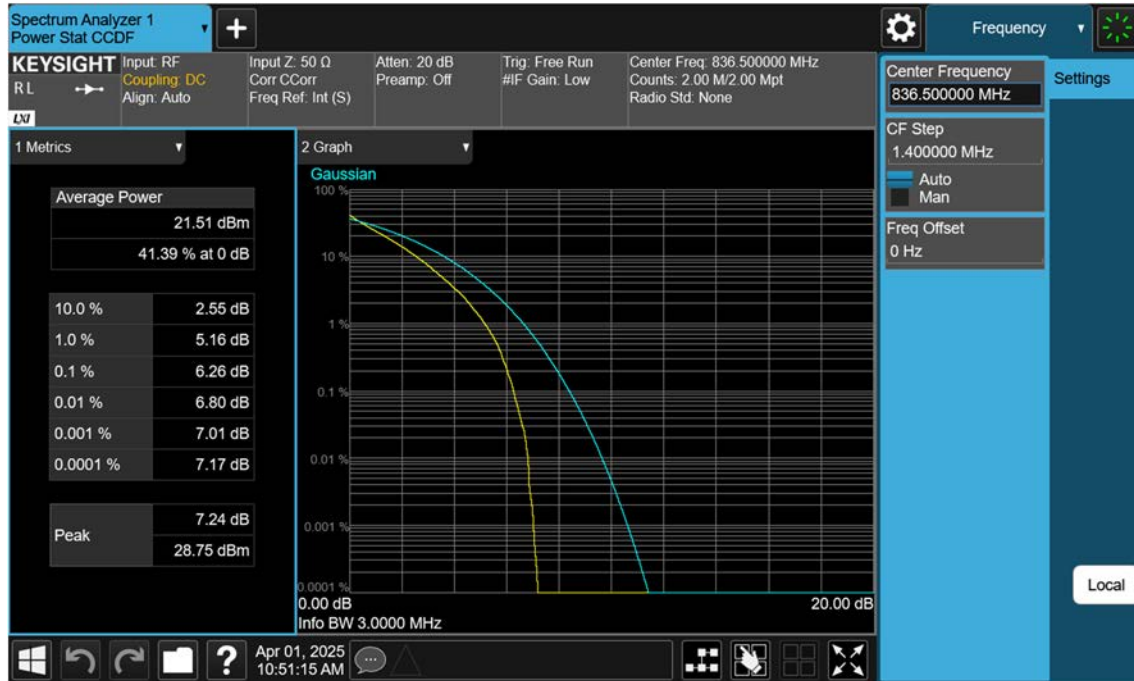
LTE B5_1.4M_PAR_Mid_64QAM_FullRB



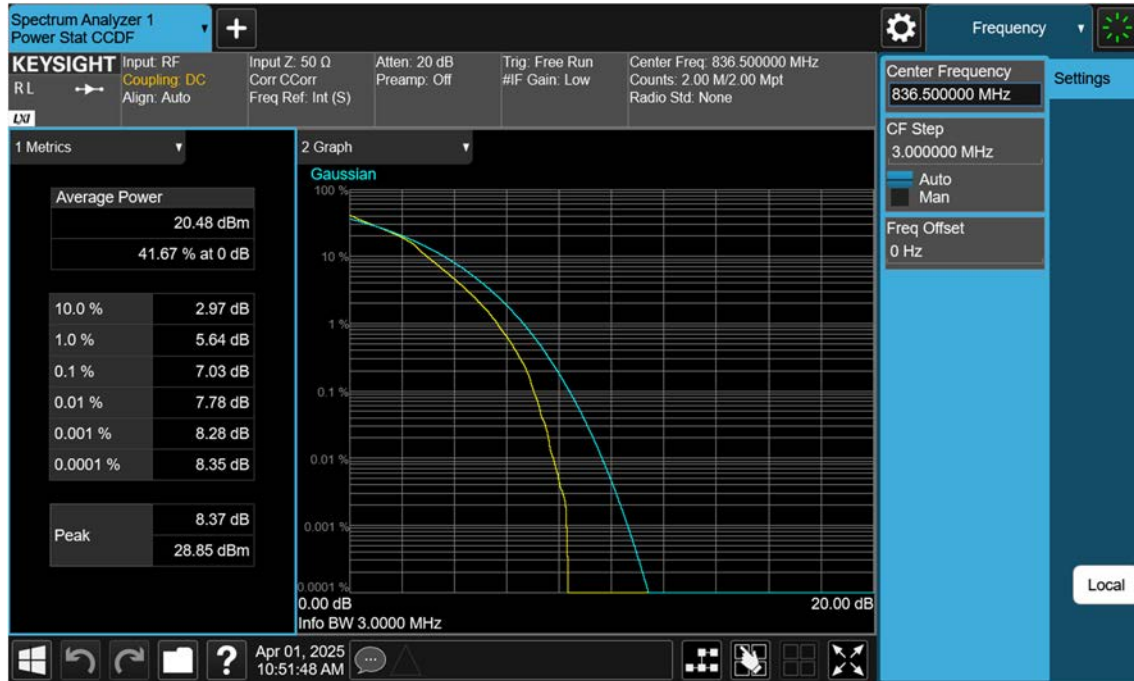
LTE B5_1.4M_PAR_Mid_256QAM_FullRB



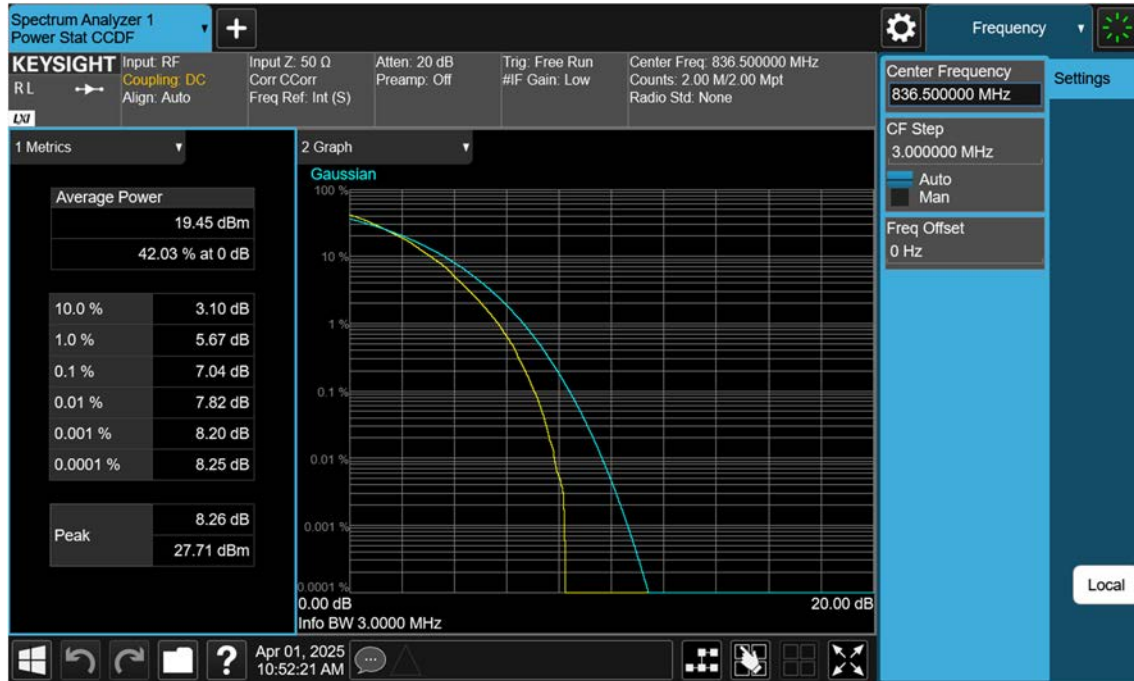
LTE B5_3 M_PAR_Mid_QPSK_FullRB



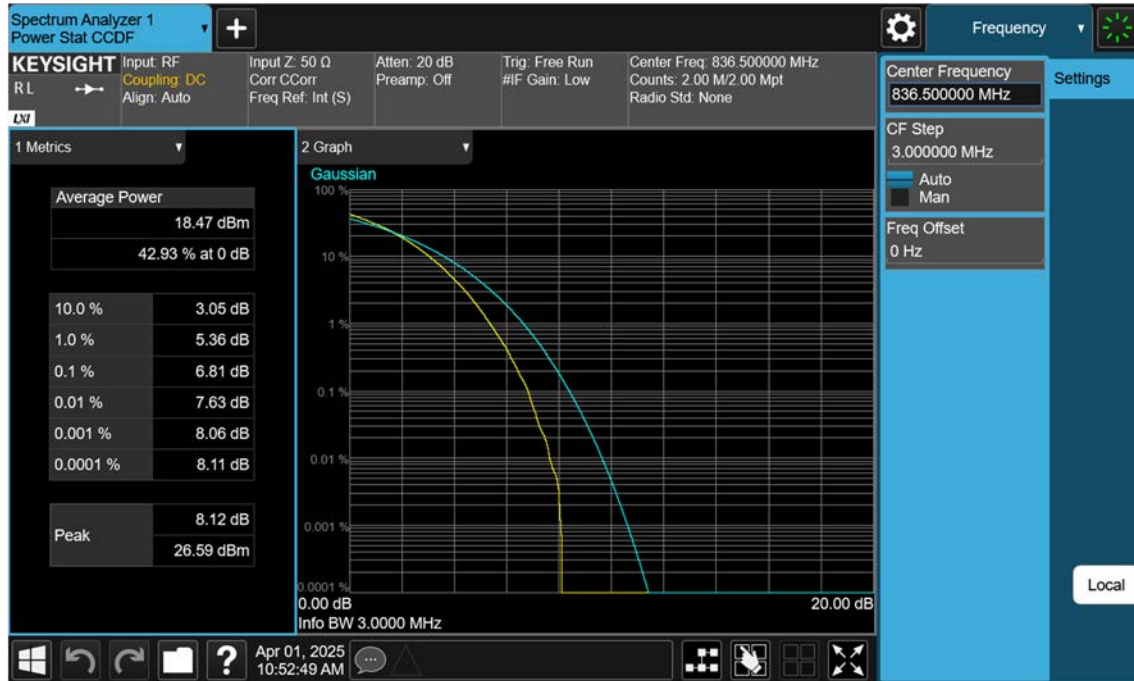
LTE B5_3 M_PAR_Mid_16QAM_FullRB



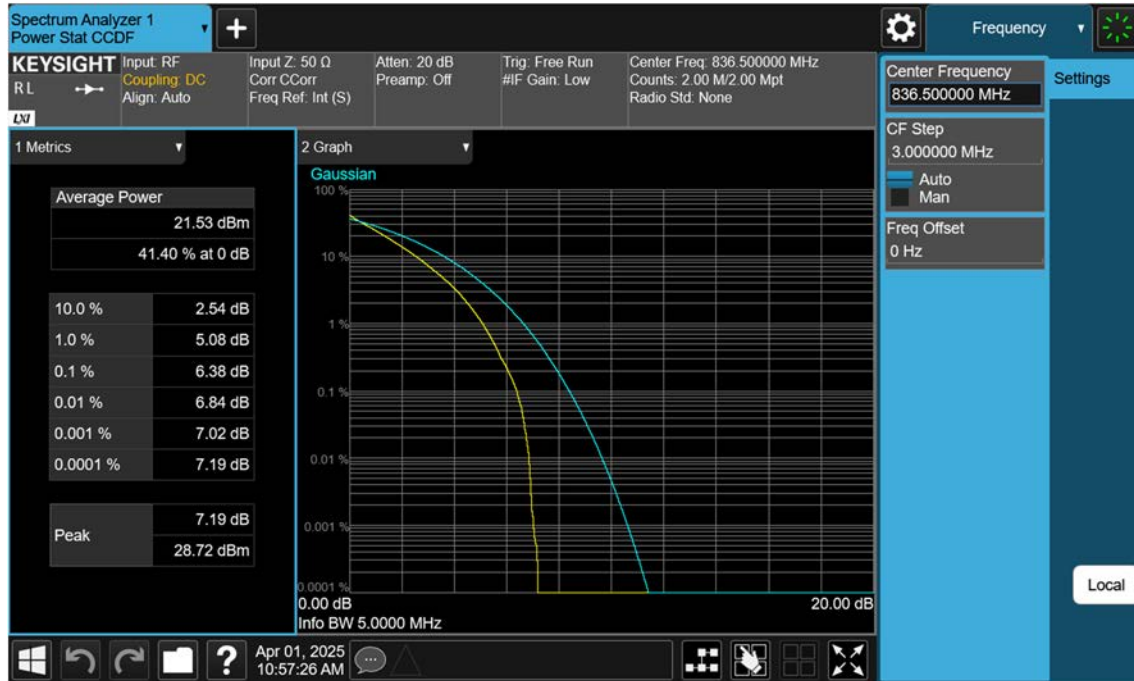
LTE B5_3 M_PAR_Mid_64QAM_FullRB



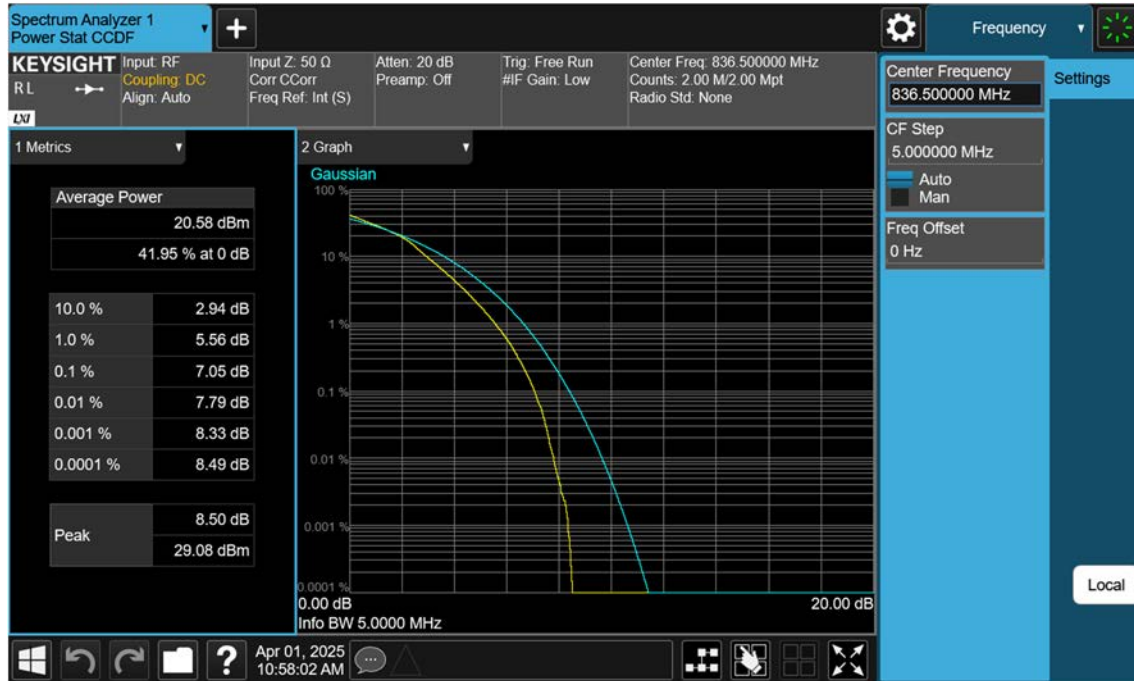
LTE B5_3 M_PAR_Mid_256QAM_FullRB



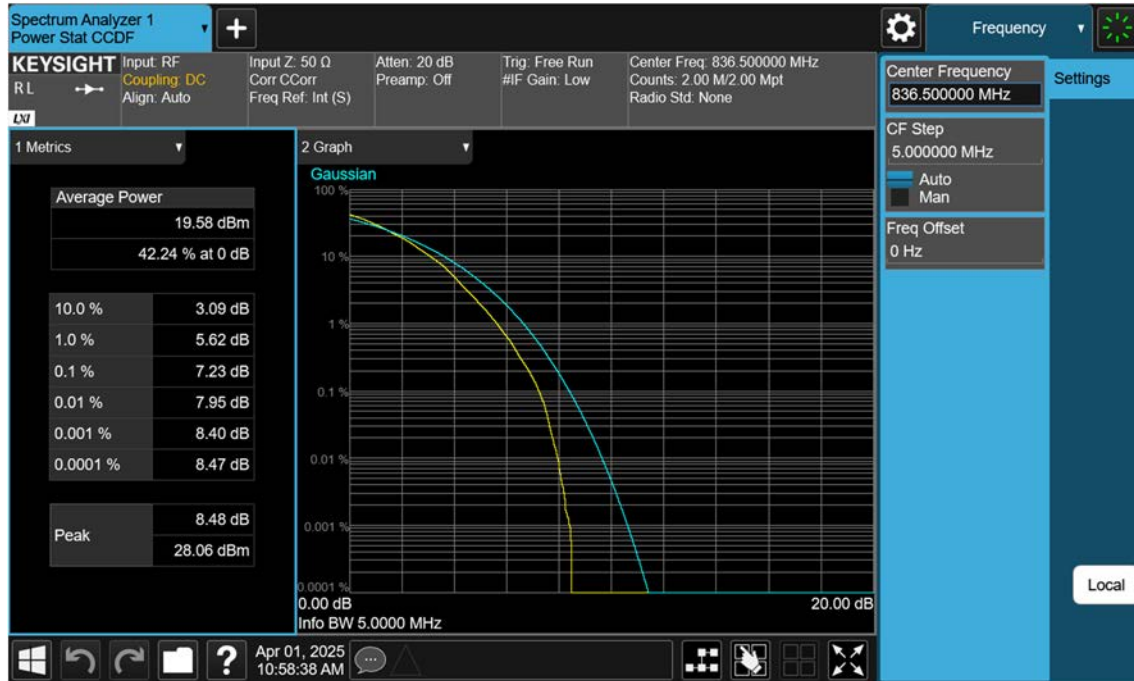
LTE B5_5 M_PAR_Mid_QPSK_FullRB



LTE B5_5 M_PAR_Mid_16QAM_FullRB



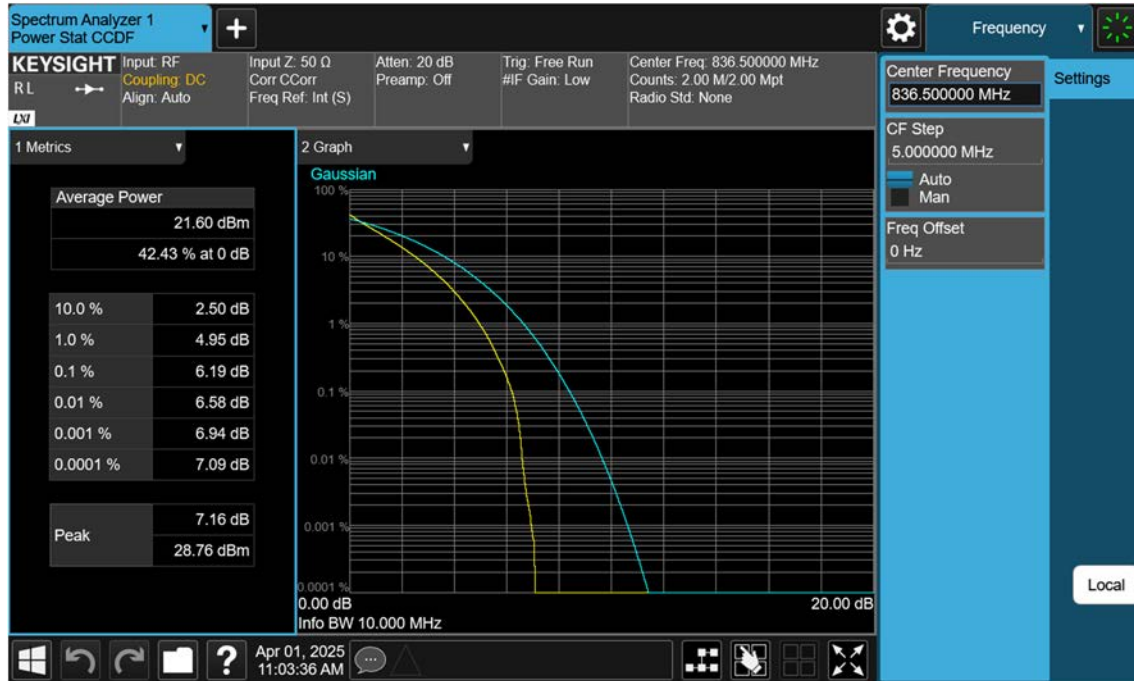
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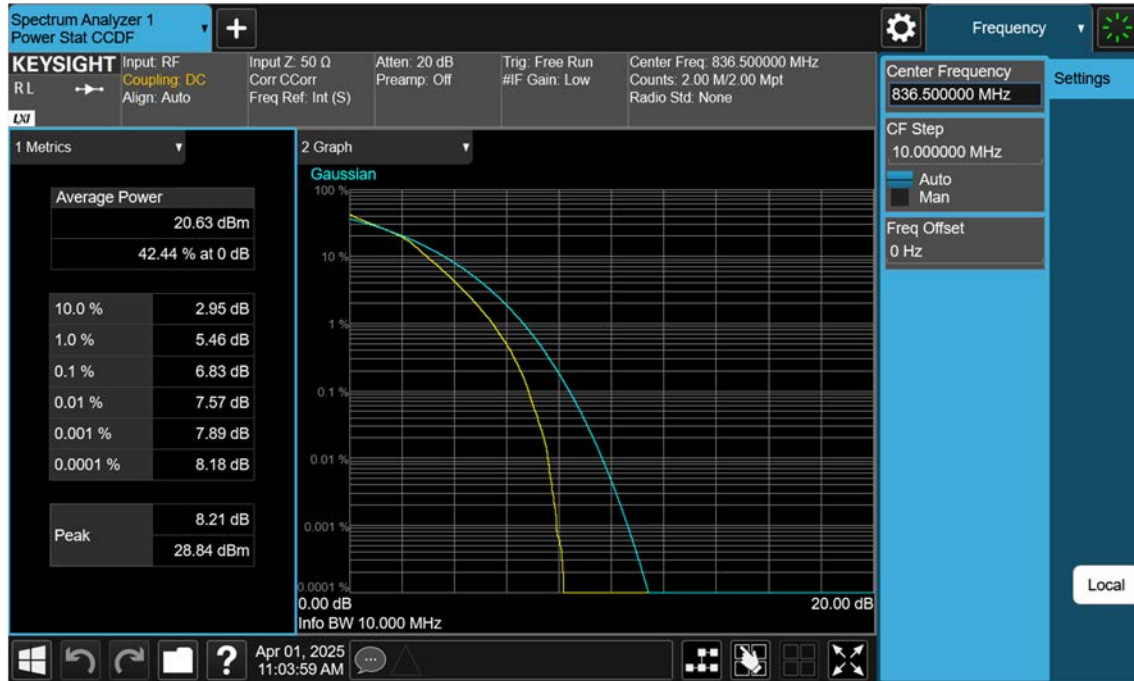
LTE B5_5 M_PAR_Mid_256QAM_FullRB



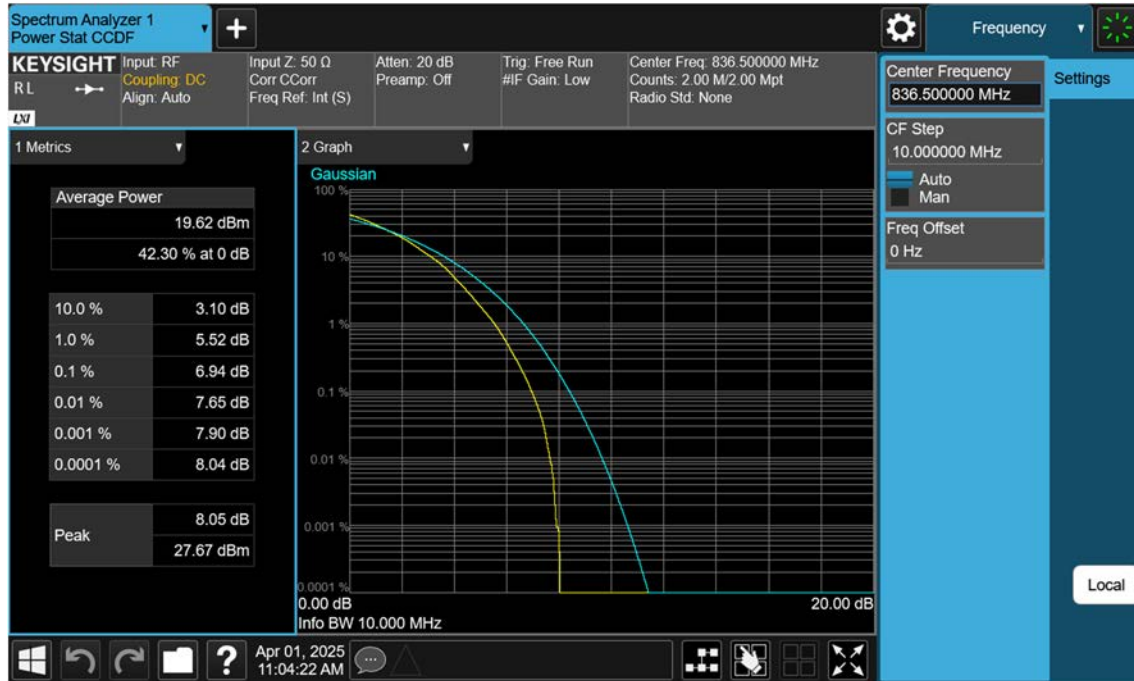
LTE B5_10 M_PAR_Mid_QPSK_FullRB



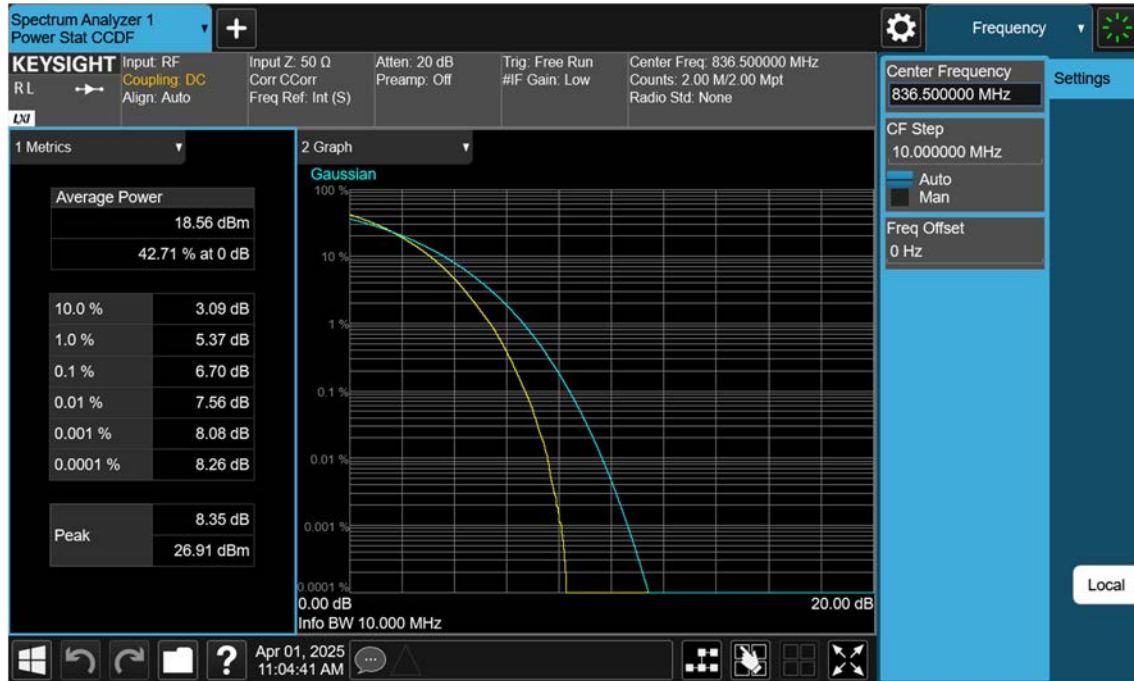
LTE B5_10 M_PAR_Mid_16QAM_FullRB



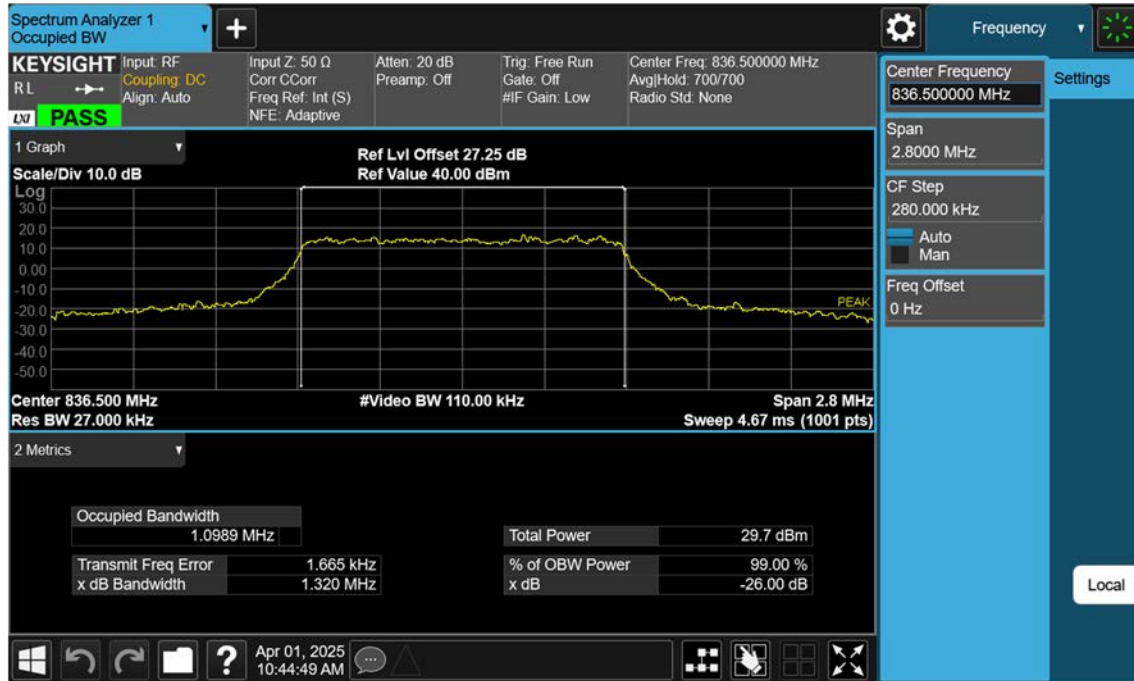
LTE B5_10 M_PAR_Mid_64QAM_FullRB



LTE B5_10 M_PAR_Mid_256QAM_FullRB



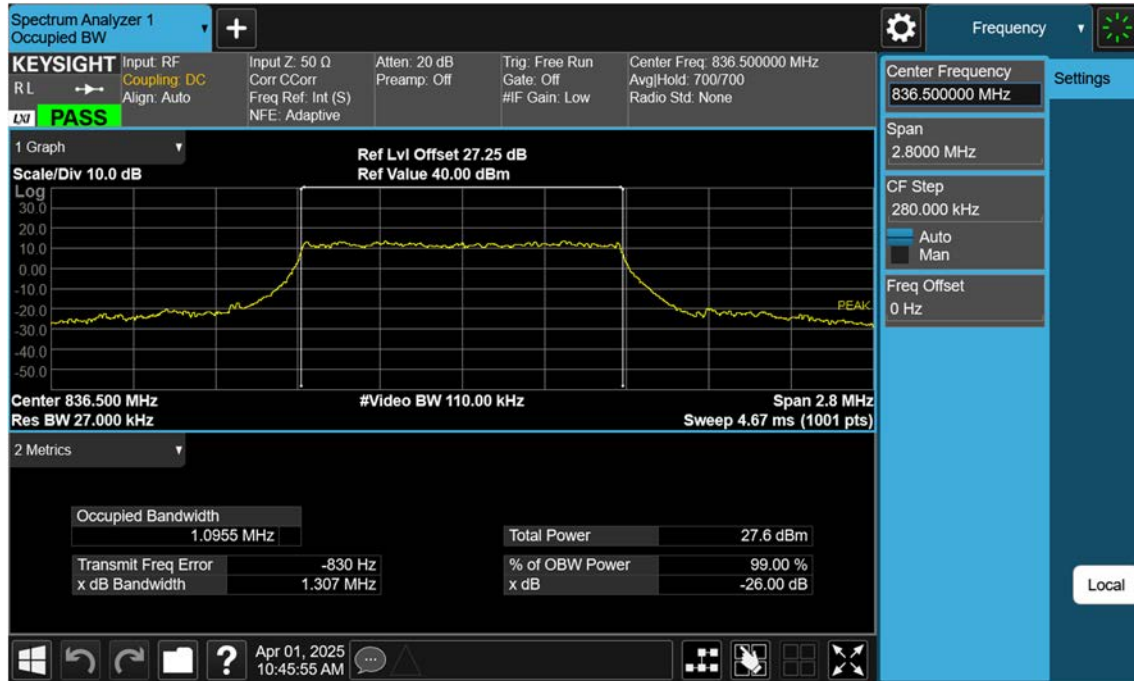
LTE B5_1.4M_OBW_Mid_QPSK_FullRB



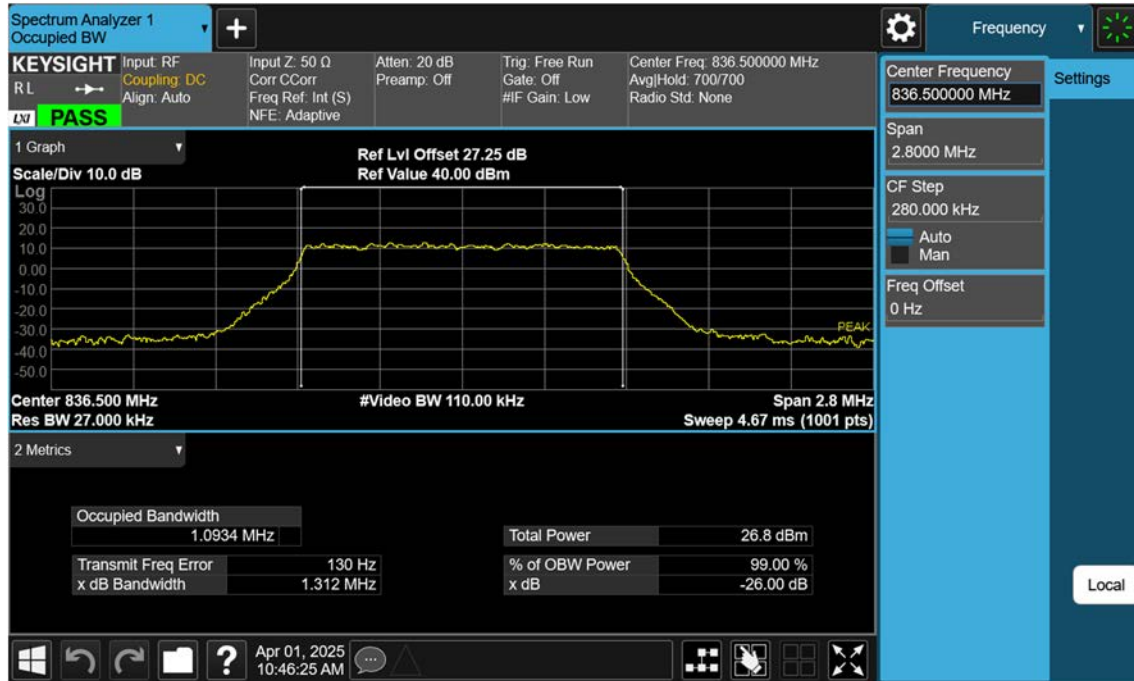
LTE B5_1.4M_OBW_Mid_16QAM_FullRB



LTE B5_1.4M_OBW_Mid_64QAM_FullRB



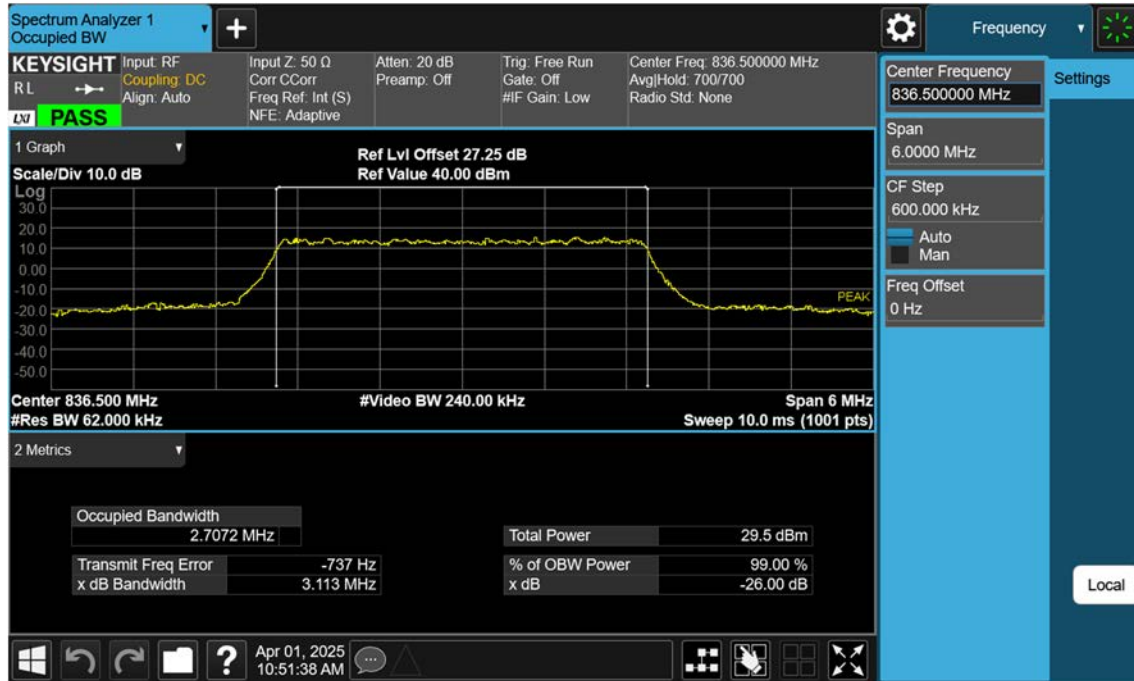
LTE B5_1.4M_OBW_Mid_256QAM_FullRB



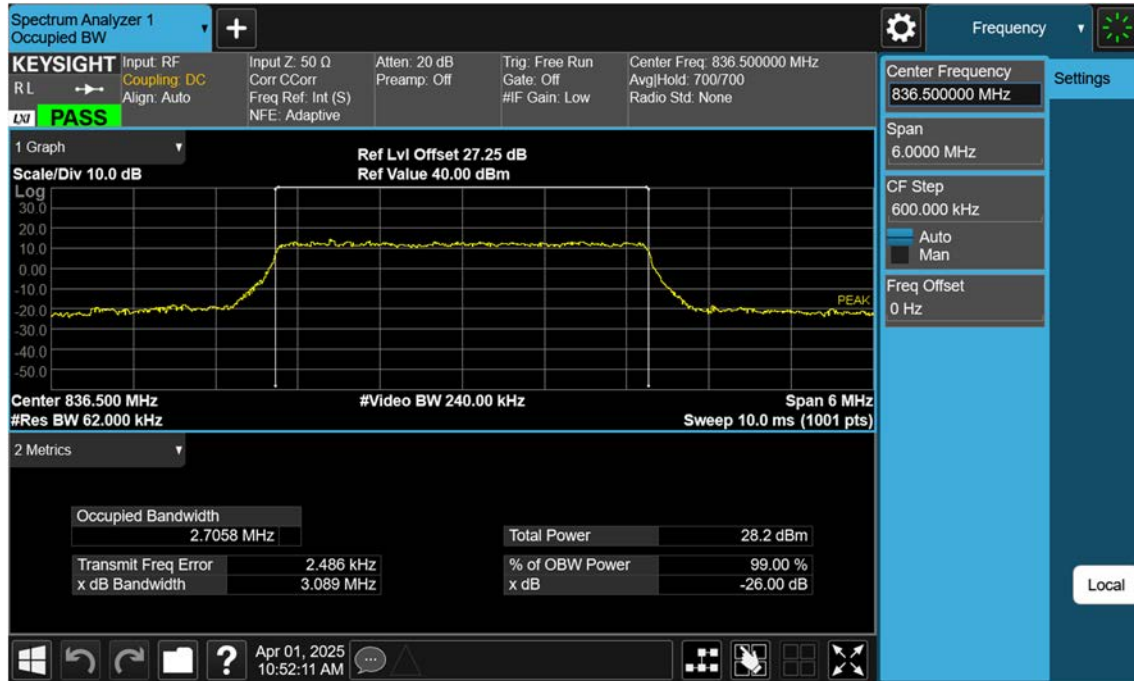
LTE B5_3 M_OBW_Mid_QPSK_FullRB



LTE B5_3 M_OBW_Mid_16QAM_FullRB



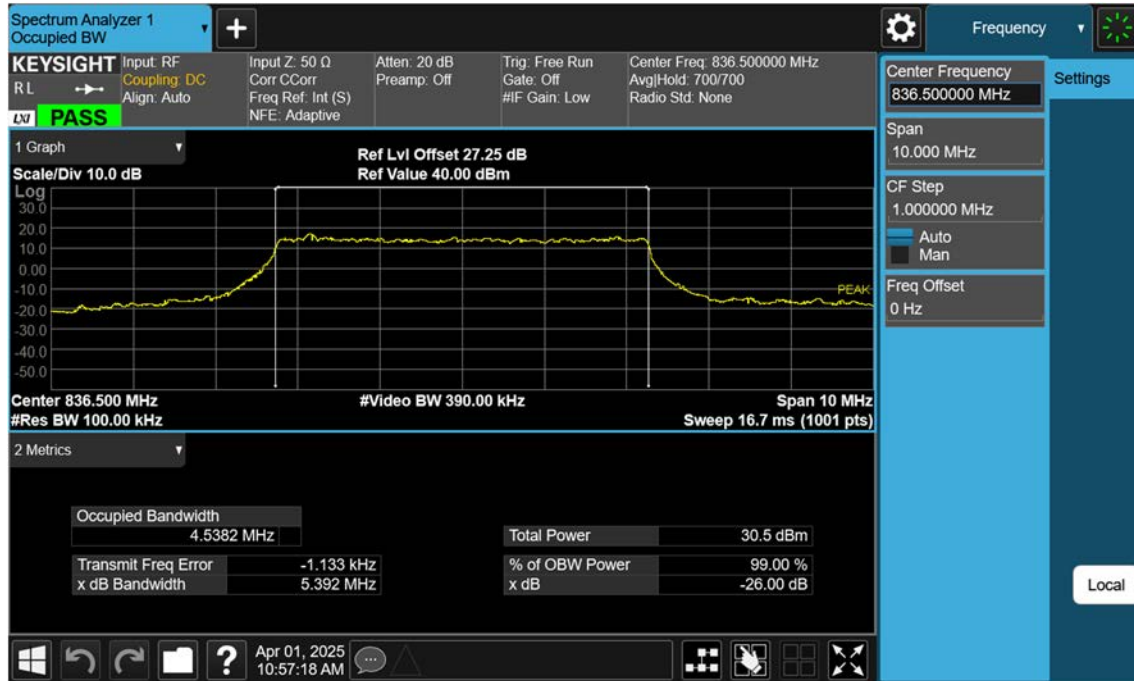
LTE B5_3 M_OBW_Mid_64QAM_FullRB



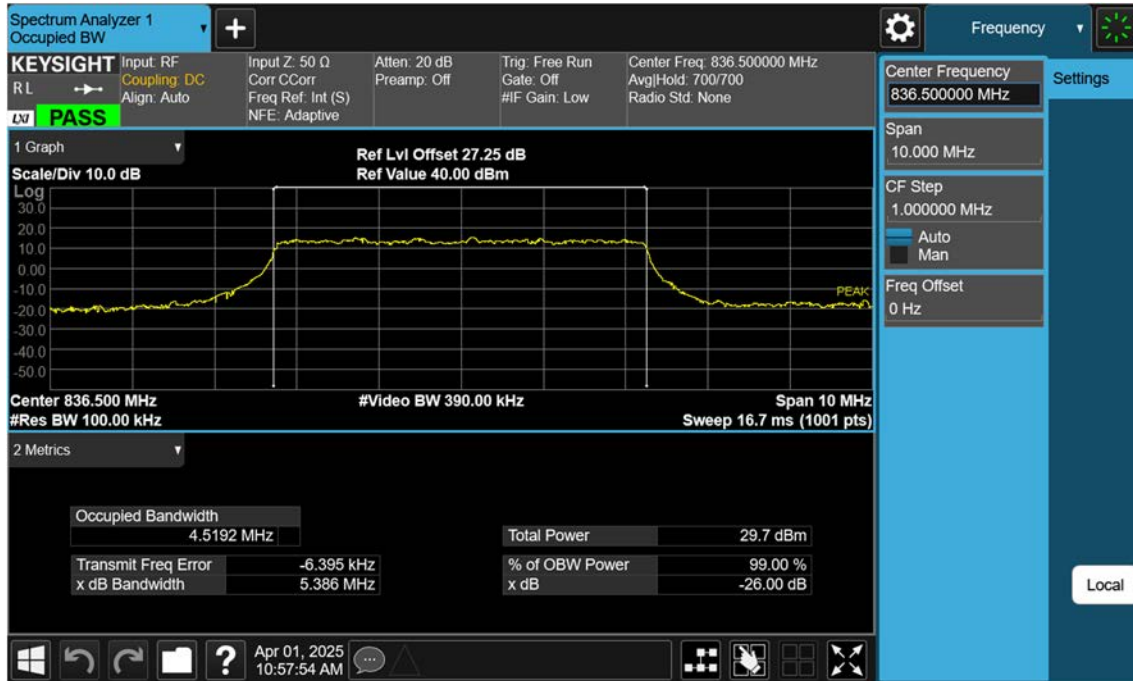
LTE B5_3 M_OBW_Mid_256QAM_FullRB



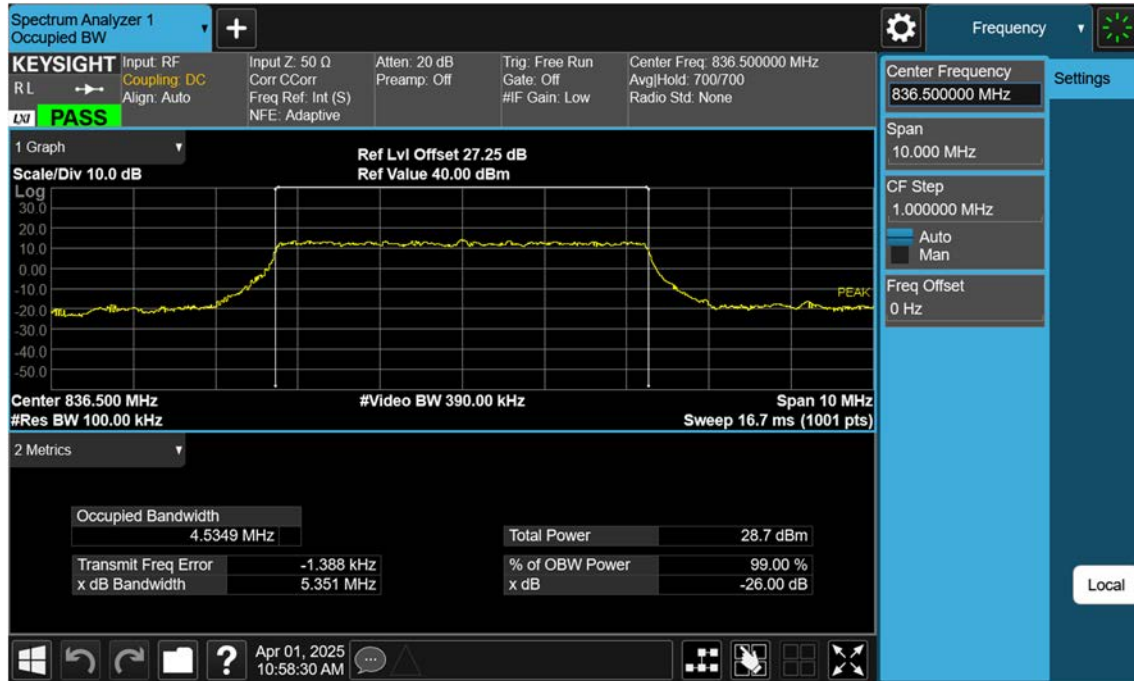
LTE B5_5 M_OBW_Mid_QPSK_FullRB



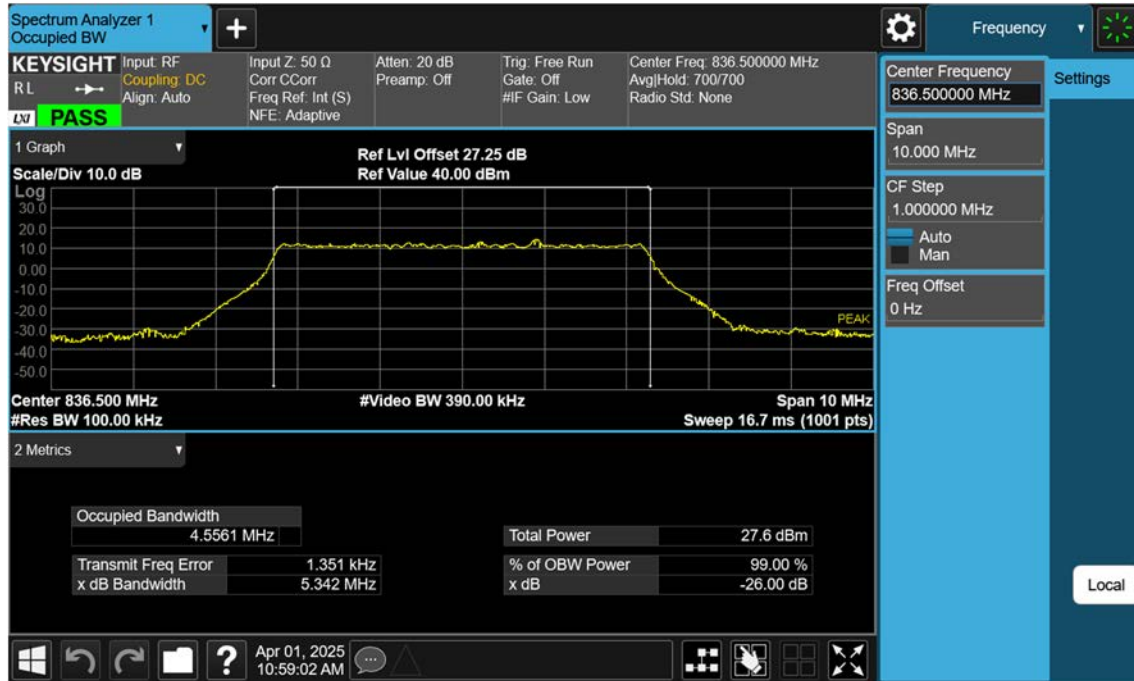
LTE B5_5 M_OBW_Mid_16QAM_FullRB



LTE B5_5 M_OBW_Mid_64QAM_FullRB



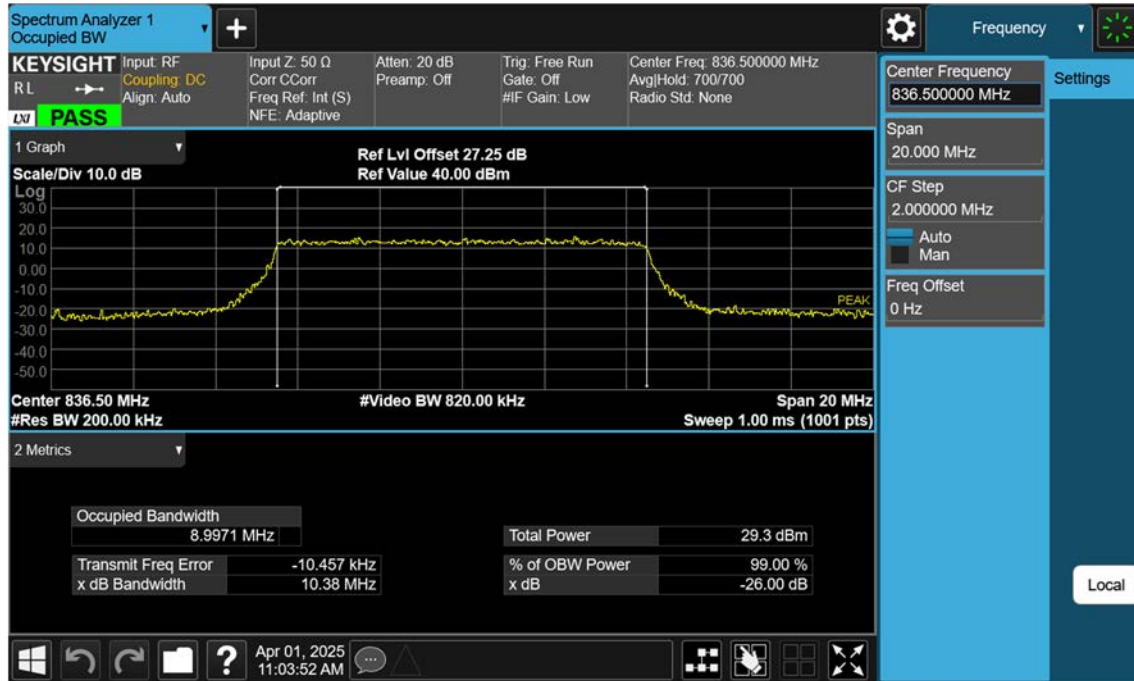
LTE B5_5 M_OBW_Mid_256QAM_FullRB



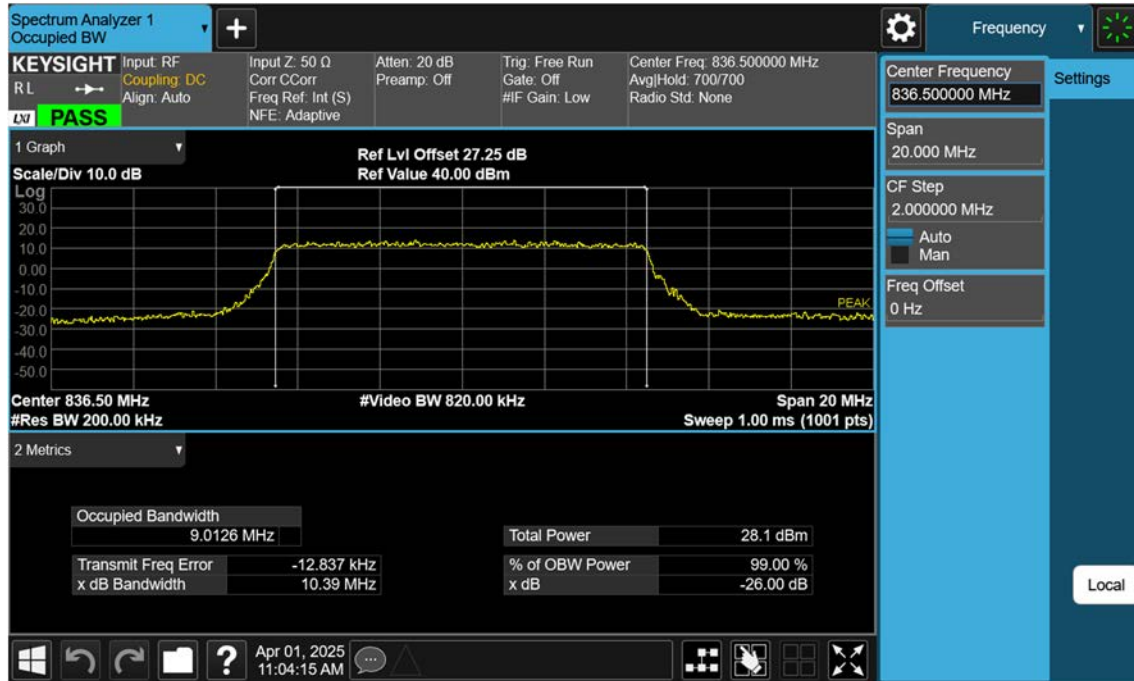
LTE B5_10 M_OBW_Mid_QPSK_FullRB



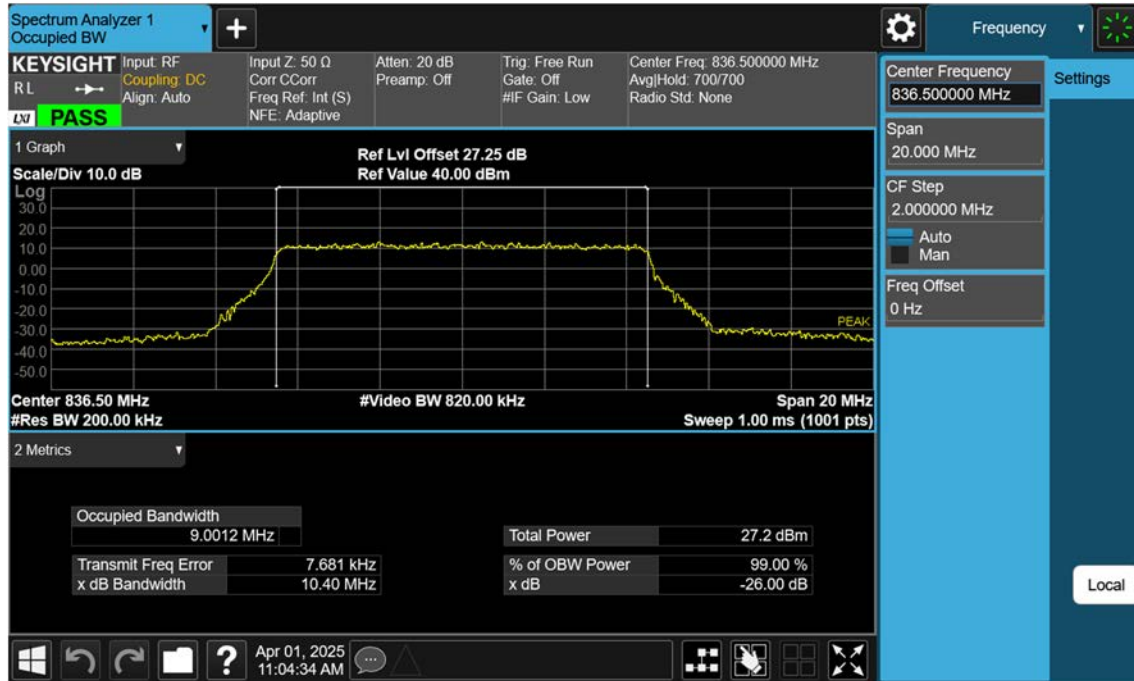
LTE B5_10 M_OBW_Mid_16QAM_FullRB



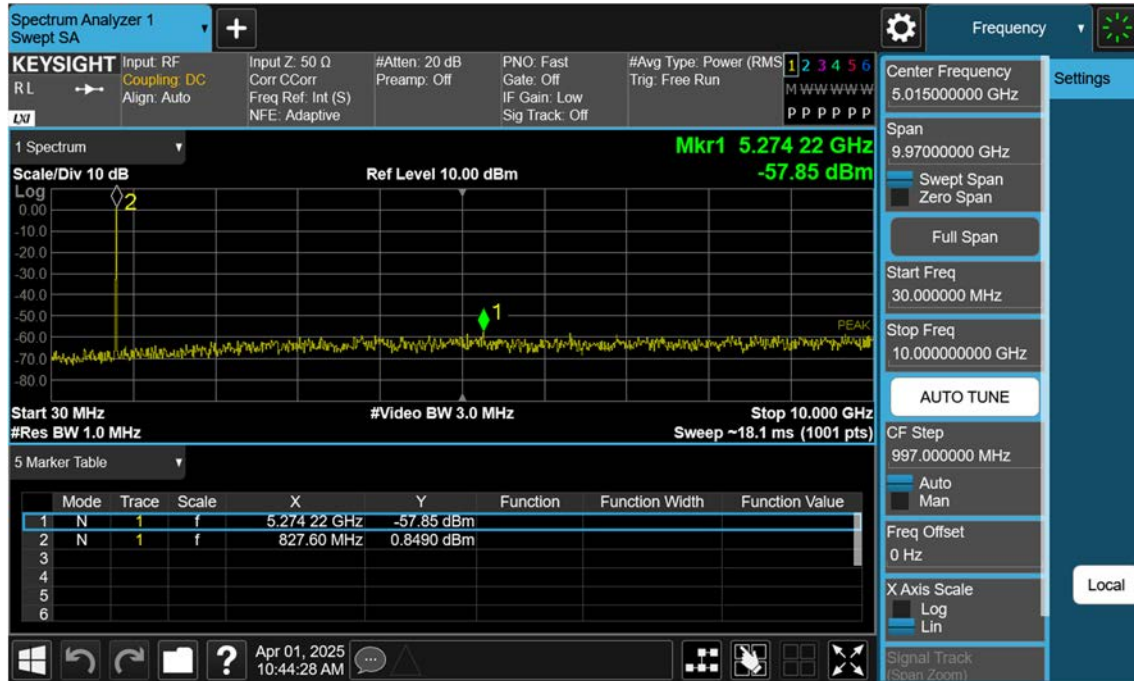
LTE B5_10 M_OBW_Mid_64QAM_FullRB



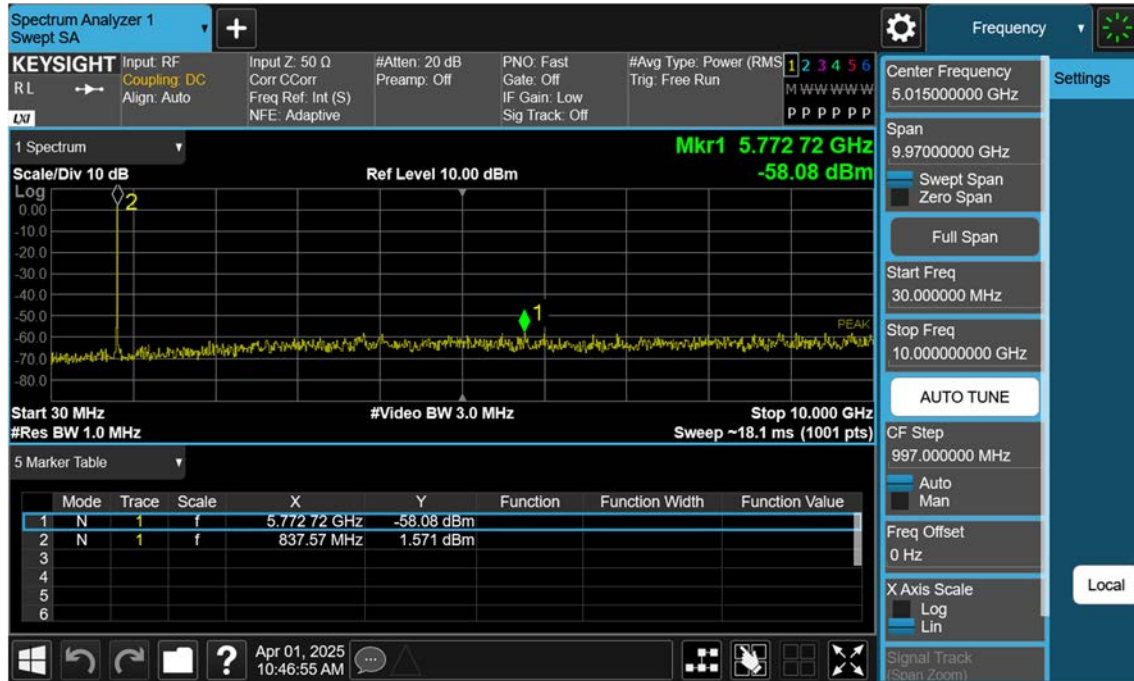
LTE B5_10 M_OBW_Mid_256QAM_FullRB



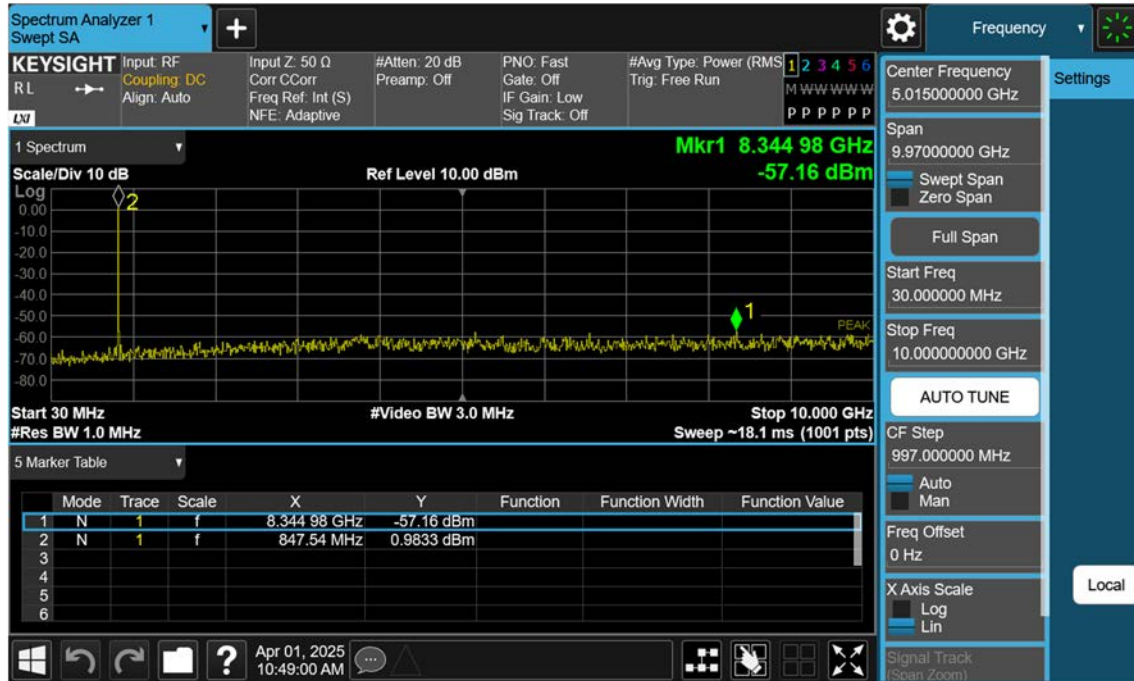
LTE B5_1.4M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



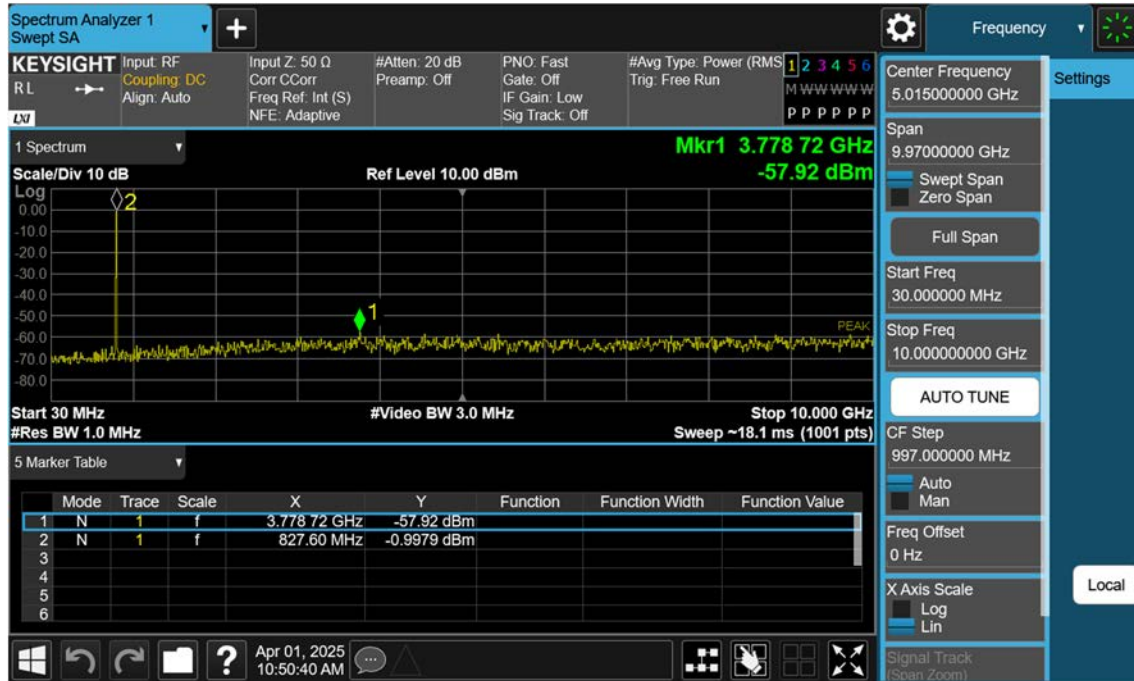
LTE B5_1.4M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



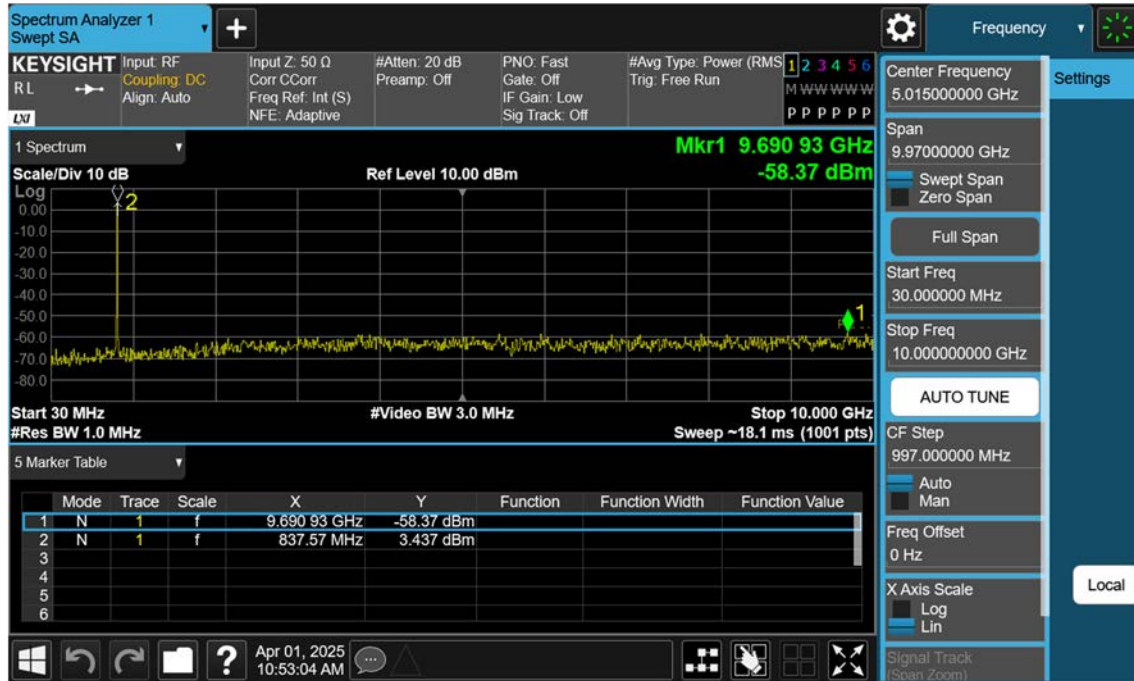
LTE B5_1.4M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



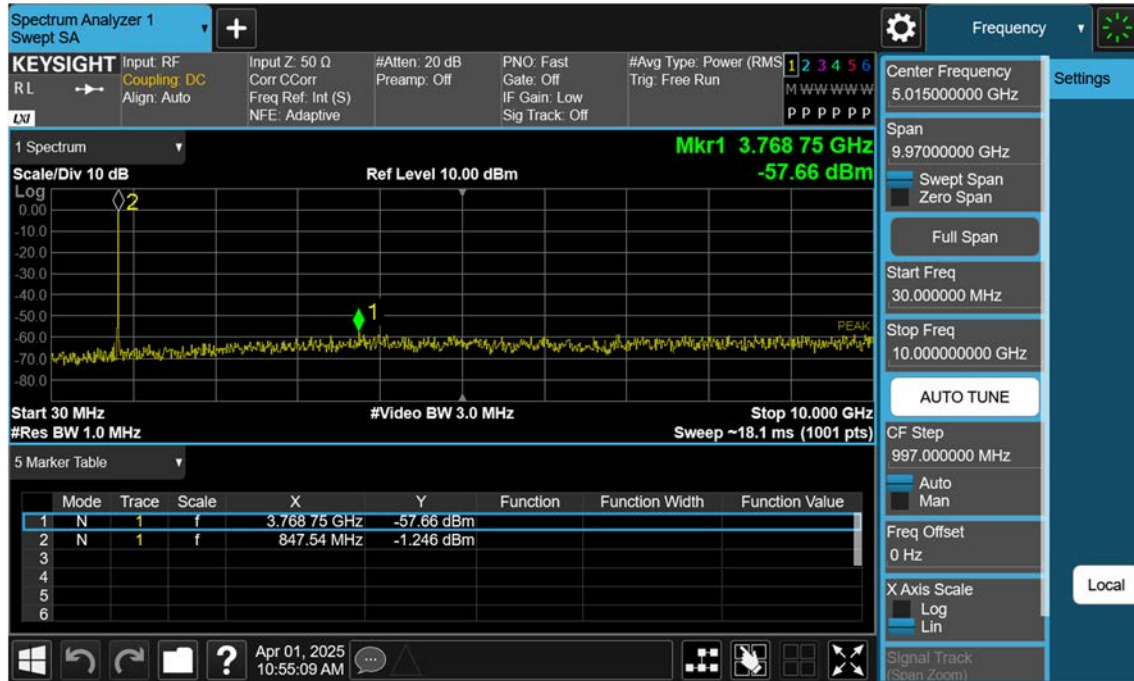
LTE B5_3 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



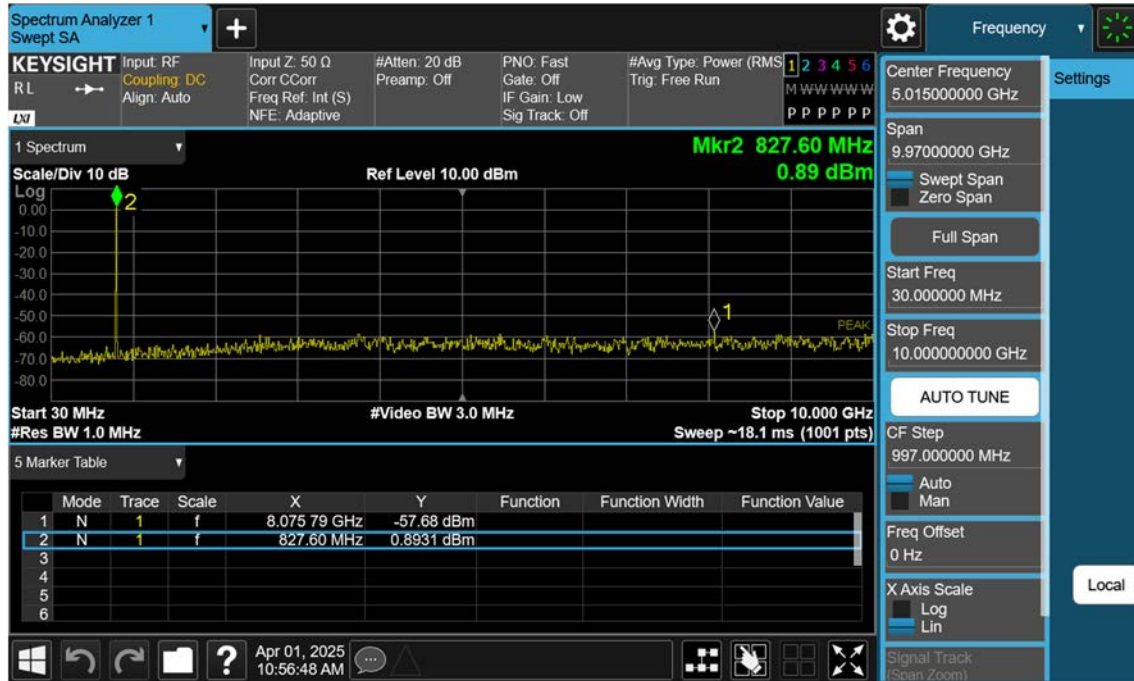
LTE B5_3 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



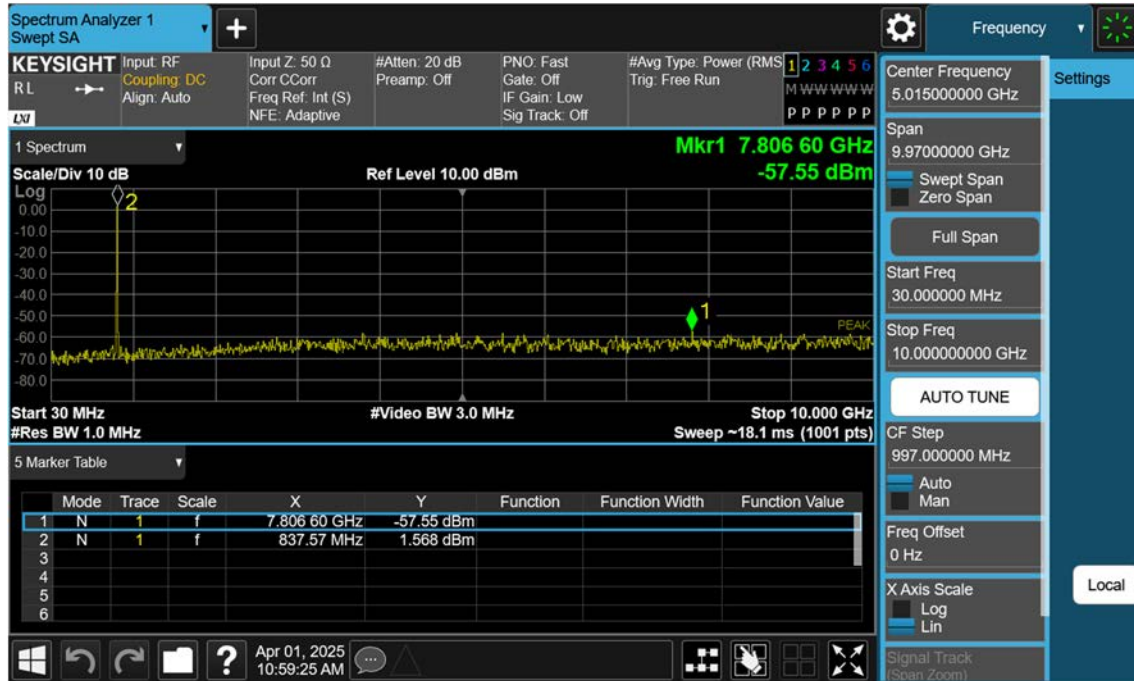
LTE B5_3 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



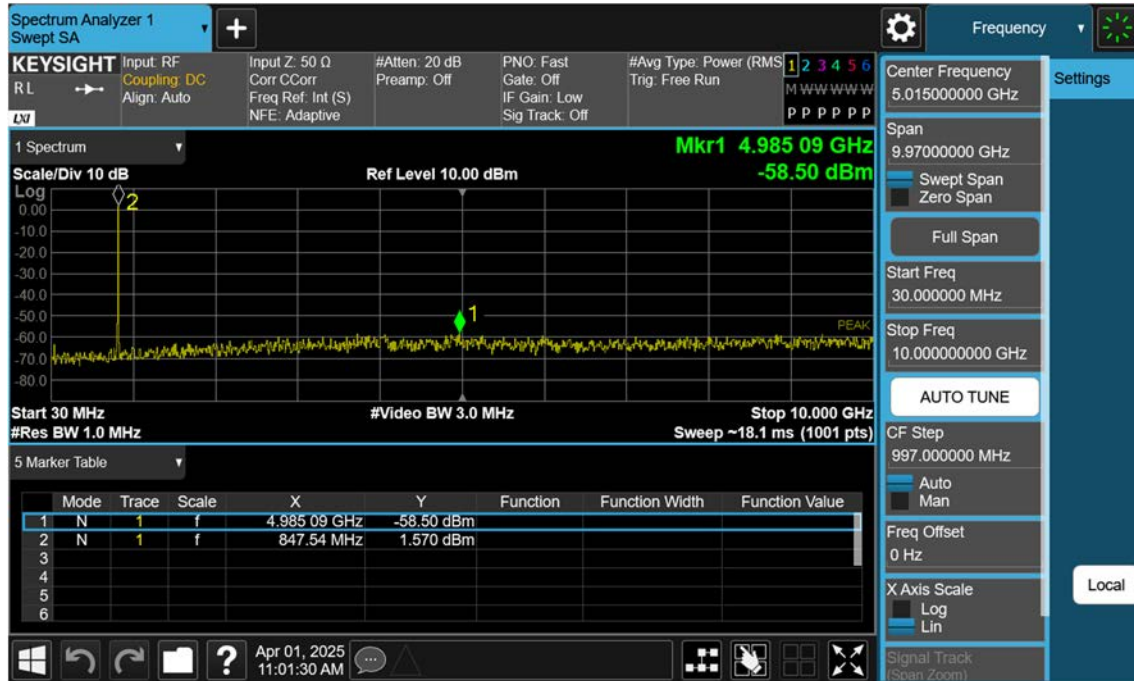
LTE B5_5 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



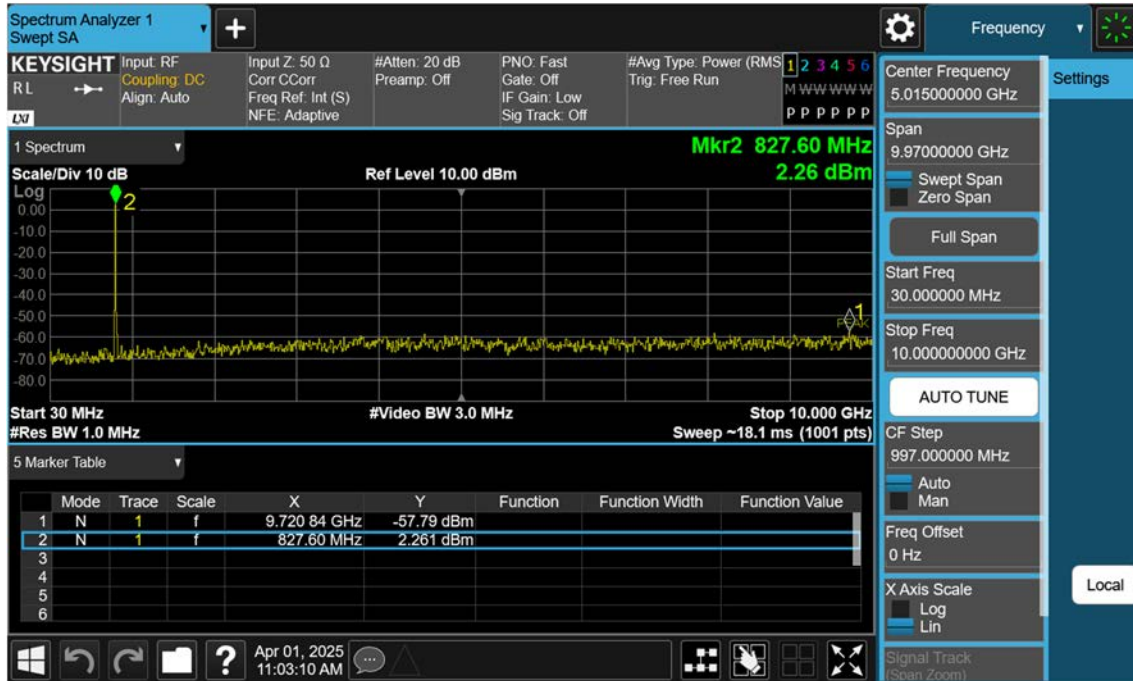
LTE B5_5 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



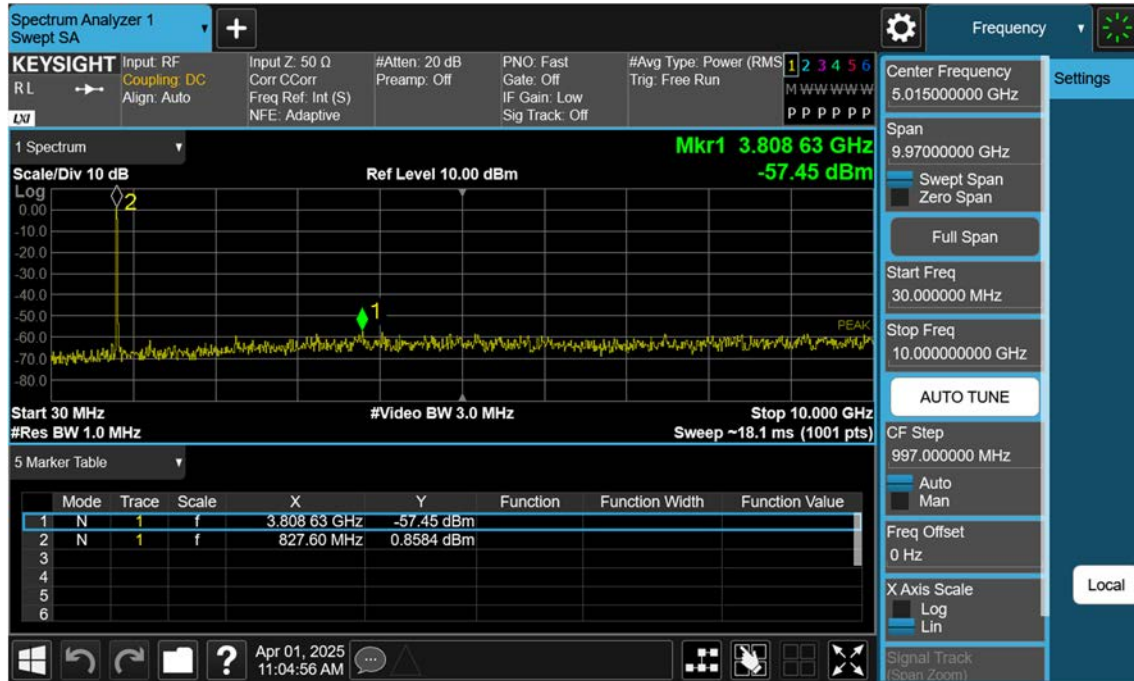
LTE B5_5 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



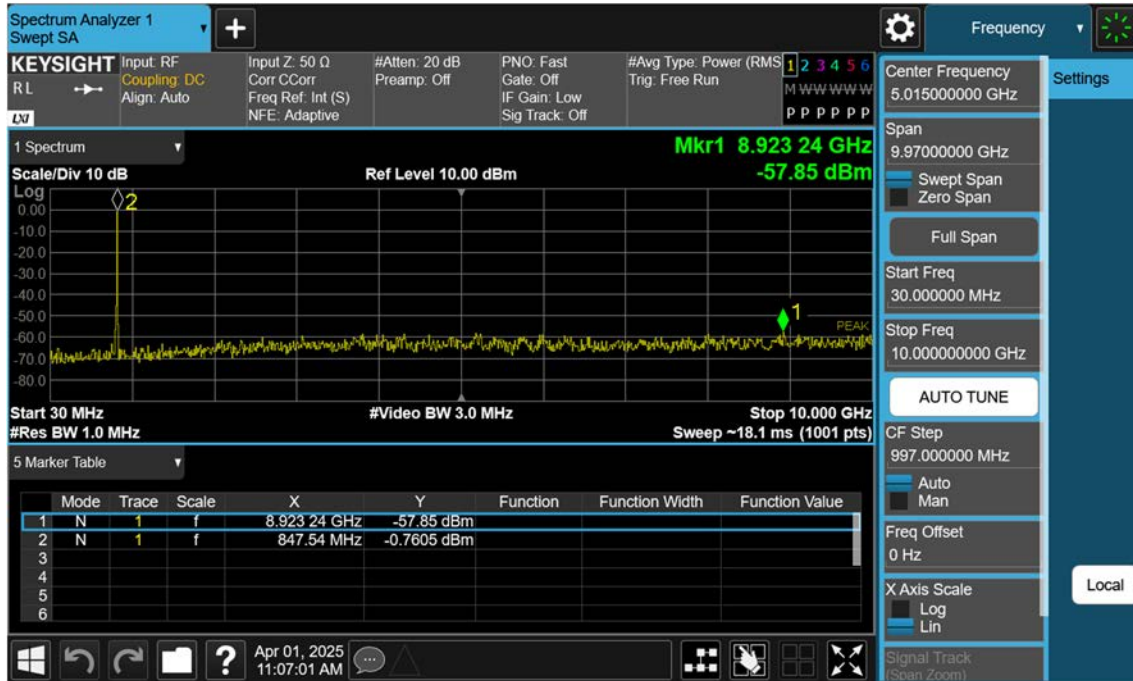
LTE B5_10 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



LTE B5_10 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



LTE B5_10 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



LTE B5_1.4M_Band Edge_Low_QPSK_1RB



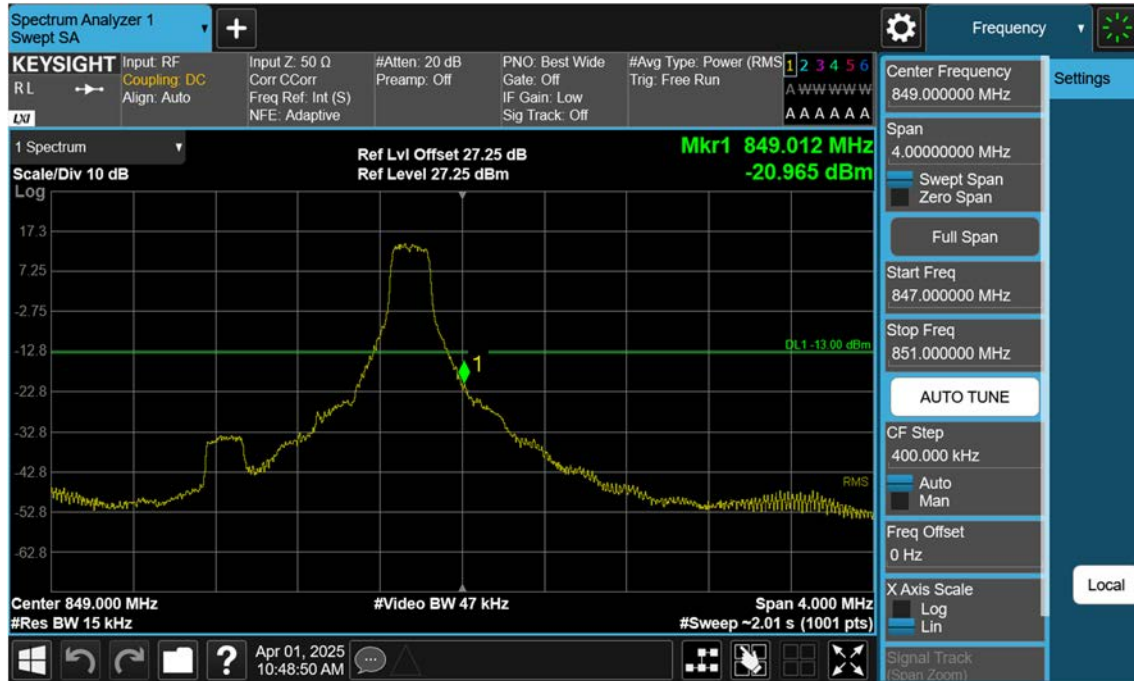
LTE B5_1.4M_Band Edge_Low_QPSK_FullRB



LTE B5_1.4M_Extended Band Edge_Low_QPSK_FullRB



LTE B5_1.4M_Band Edge_High_QPSK_1RB



LTE B5_1.4M_Band Edge_High_QPSK_FullRB



LTE B5_1.4M_Extended Band Edge_High_QPSK_FullRB



LTE B5_3 M_Band Edge_Low_QPSK_1RB



LTE B5_3 M_Band Edge_Low_QPSK_FullRB



Keysight Spectrum Analyzer 1
Swept SA

Input: RF
Coupling: DC
Align: Auto

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

#Atten: 20 dB
Preamp: Off

PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off

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

Center Frequency
821.000000 MHz

Span
4.00000000 MHz

Start Freq
819.000000 MHz

Stop Freq
823.000000 MHz

AUTO TUNE

CF Step
400.000 kHz

Freq Offset
0 Hz

X Axis Scale
Log

Center 821.000 MHz
#Res BW 100 kHz

#Video BW 300 kHz
Span 4.000 MHz

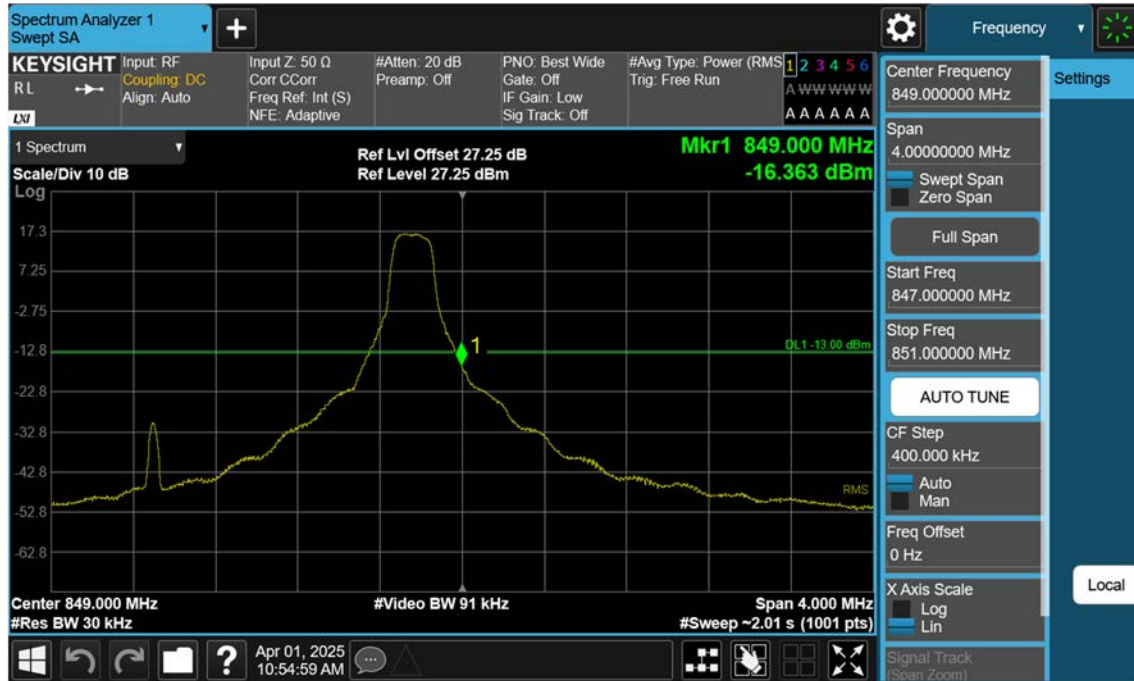
#Sweep ~2.01 s (1001 pts)

Mkr1 821.536 MHz
-32.943 dBm

DL1 -13.00 dBm

RMS

LTE B5_3 M_Band Edge_High_QPSK_1RB



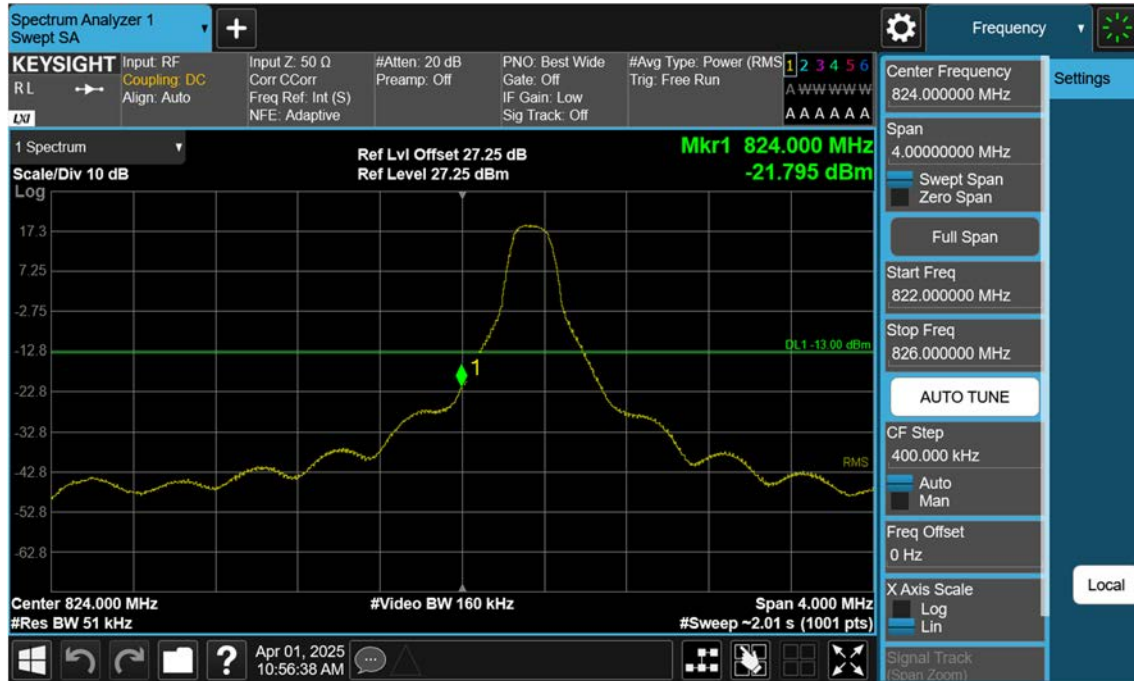
LTE B5_3 M_Band Edge_High_QPSK_FullRB



LTE B5_3 M_Extended Band Edge_High_QPSK_FullRB



LTE B5_5 M_Band Edge_Low_QPSK_1RB



LTE B5_5 M_Band Edge_Low_QPSK_FullRB



LTE B5_5 M_Extended Band Edge_Low_QPSK_FullRB



The screenshot displays the Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a peak at 849.000 MHz. The peak is labeled with a green diamond and the number '1'. The peak's level is 27.25 dBm, and its offset from the reference level is 27.25 dB. The reference level is 27.25 dBm. The peak's level is also shown as -19.380 dBm. The plot is titled '1 Spectrum' and 'Scale/Div 10 dB Log'. The center frequency is 849.000 MHz, and the video bandwidth is 160 kHz. The span is 4.000 MHz. The resolution bandwidth is 51 kHz. The sweep time is approximately 2.01 seconds (1001 pts). The interface includes various control panels on the right for settings like Center Frequency, Span, Start Freq, Stop Freq, and Auto Tune. The bottom status bar shows the date and time as April 01, 2025, 11:01:20 AM.

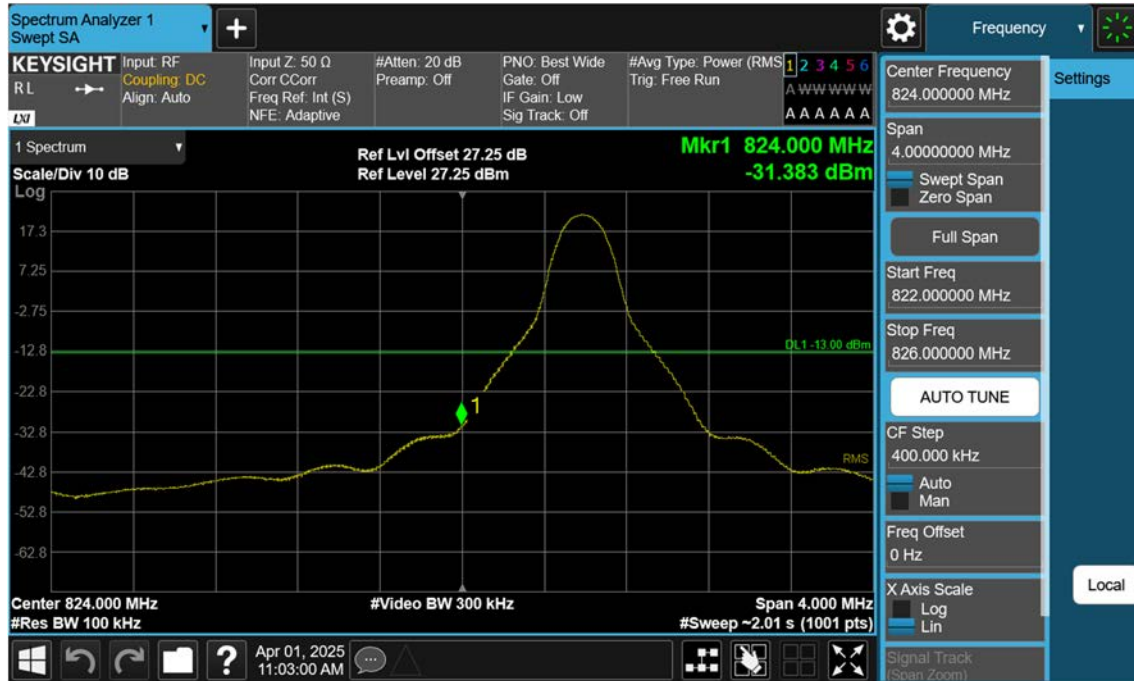
LTE B5_5 M_Band Edge_High_QPSK_FullRB



LTE B5_5 M_Extended Band Edge_High_QPSK_FullRB



LTE B5_10 M_Band Edge_Low_QPSK_1RB



LTE B5_10 M_Band Edge_Low_QPSK_FullRB



LTE B5_10 M_Extended Band Edge_Low_QPSK_FullRB



LTE B5_10 M_Band Edge_High_QPSK_1RB



LTE B5_10 M_Band Edge_High_QPSK_FullRB



LTE B5_10 M_Extended Band Edge_High_QPSK_FullRB



12. ANNEX A_TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2505-FC025-P