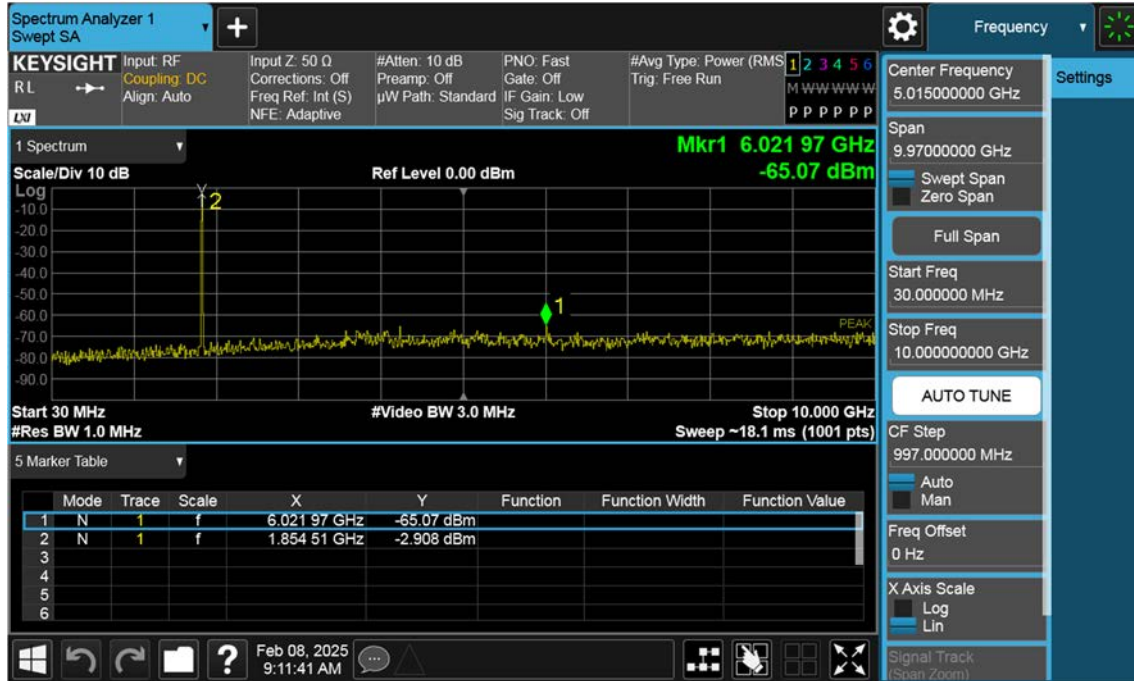
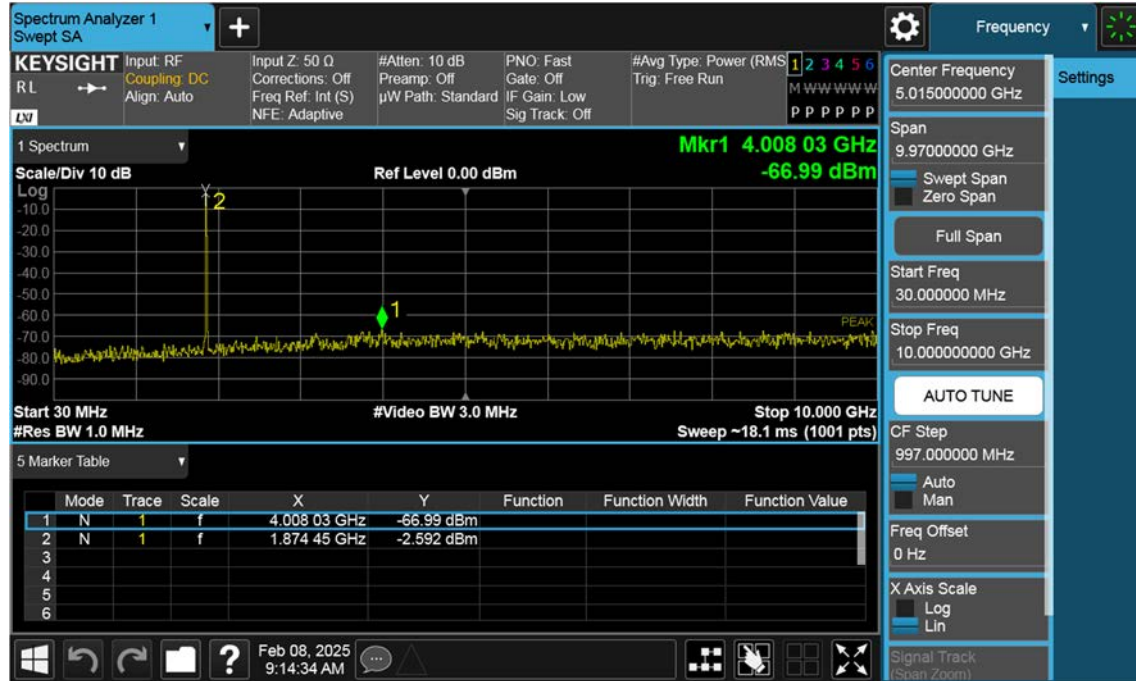


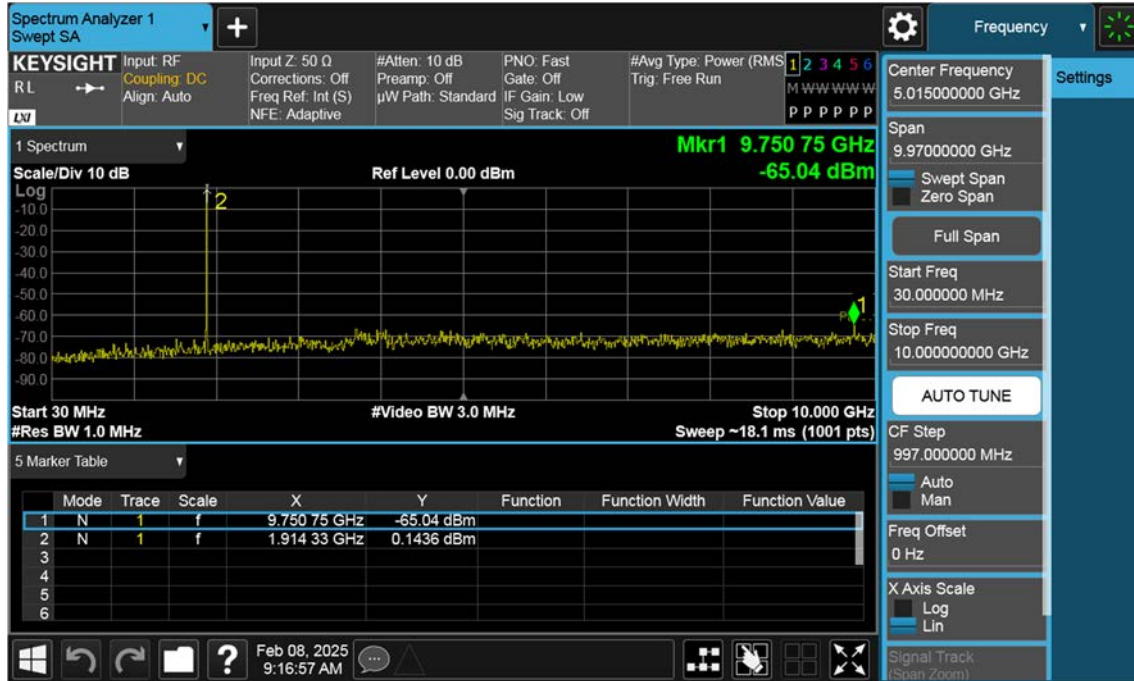
LTE B25_10 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



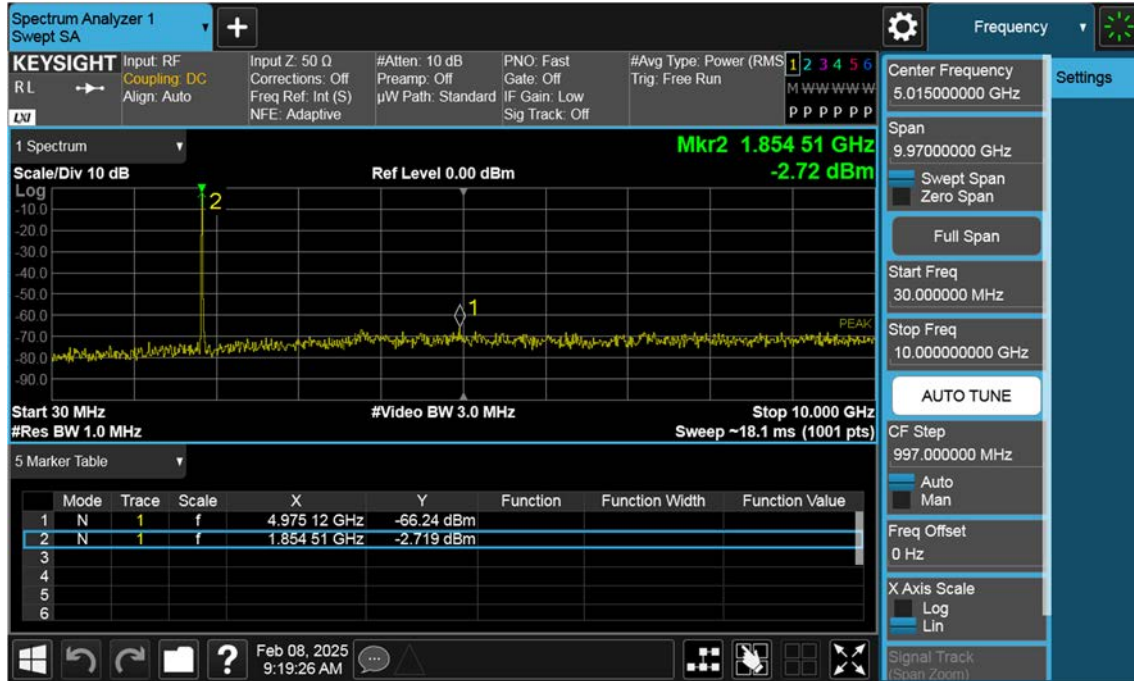
LTE B25_10 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



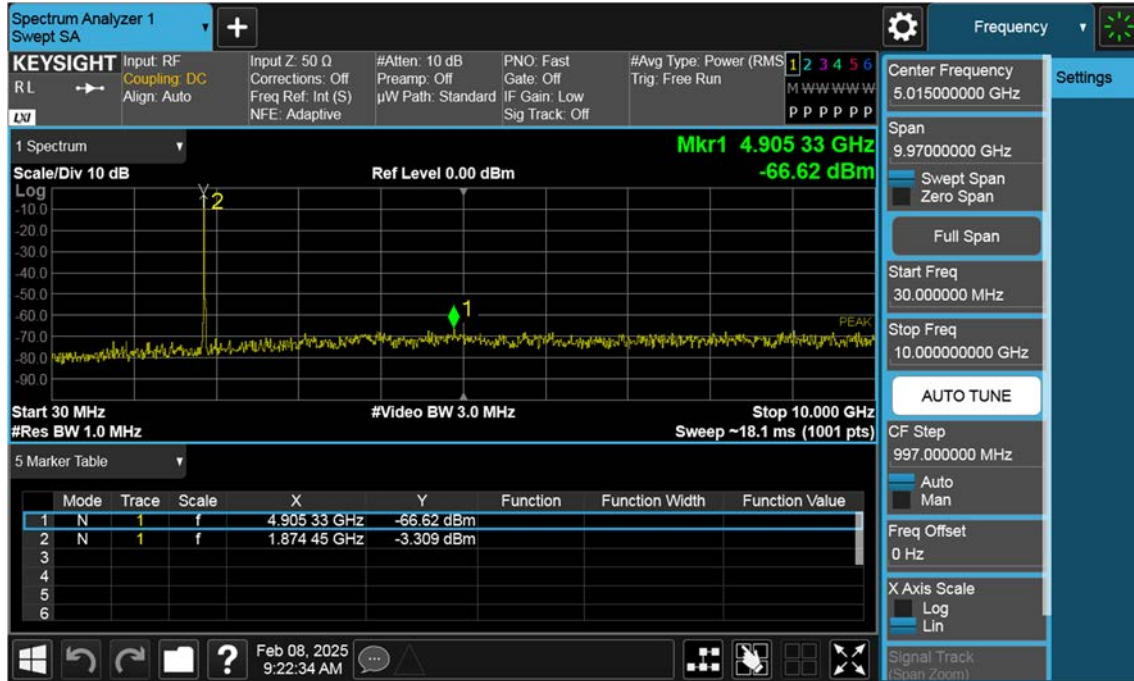
LTE B25_10 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



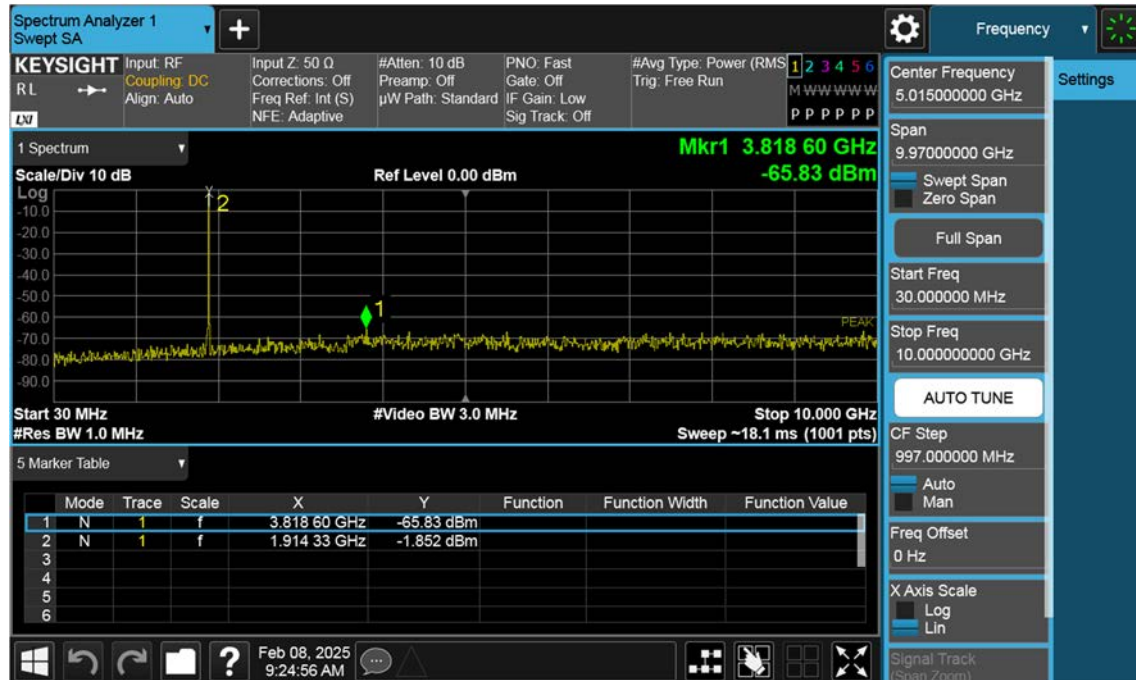
LTE B25_15 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



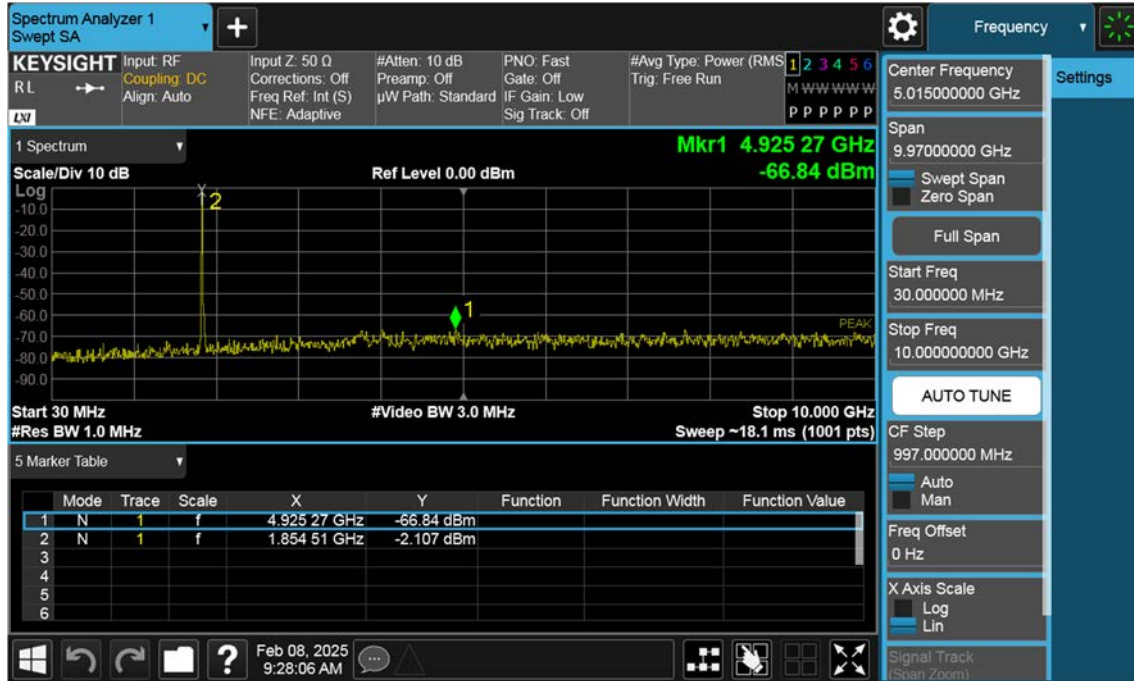
LTE B25_15 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



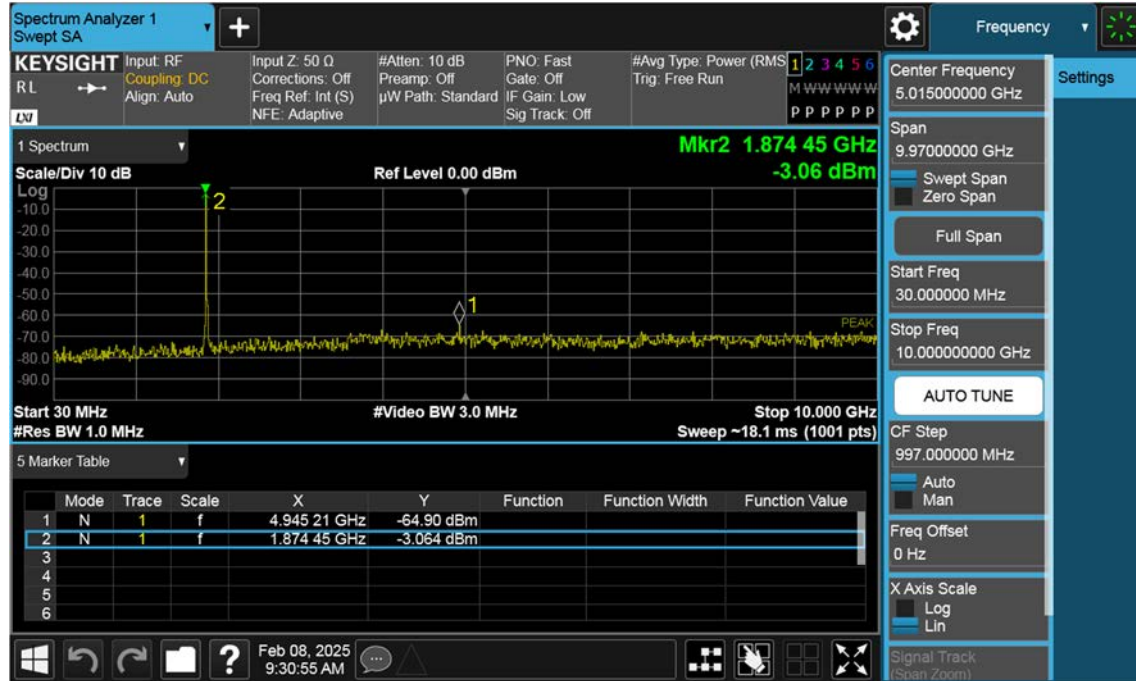
LTE B25_15 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



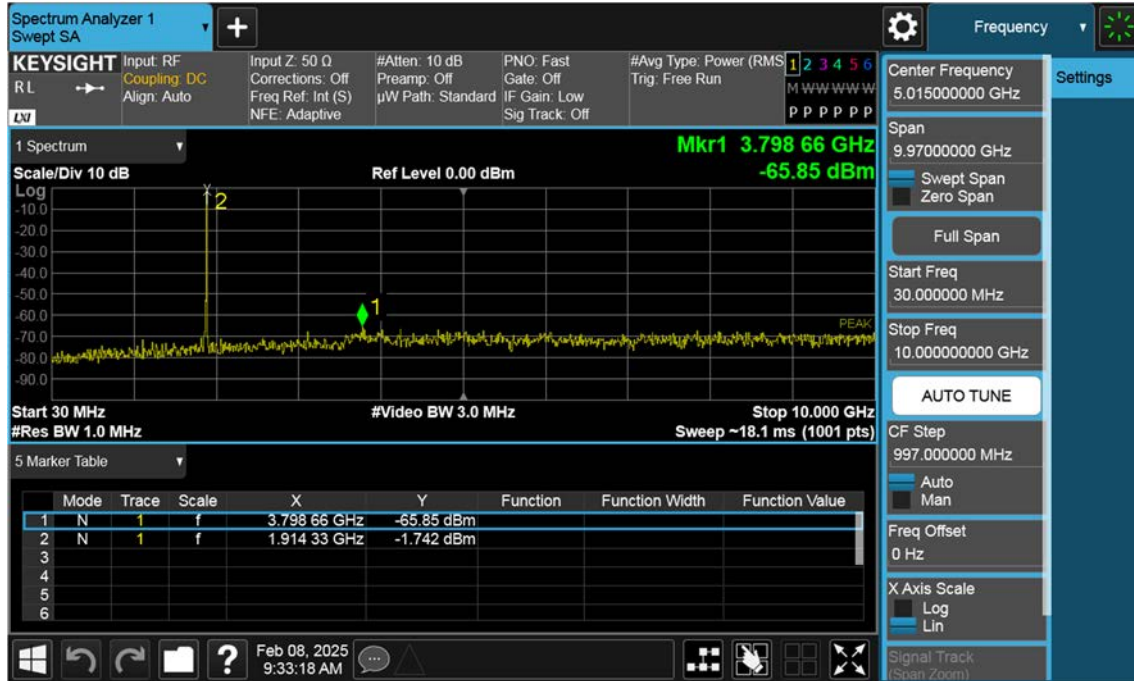
LTE B25_20 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



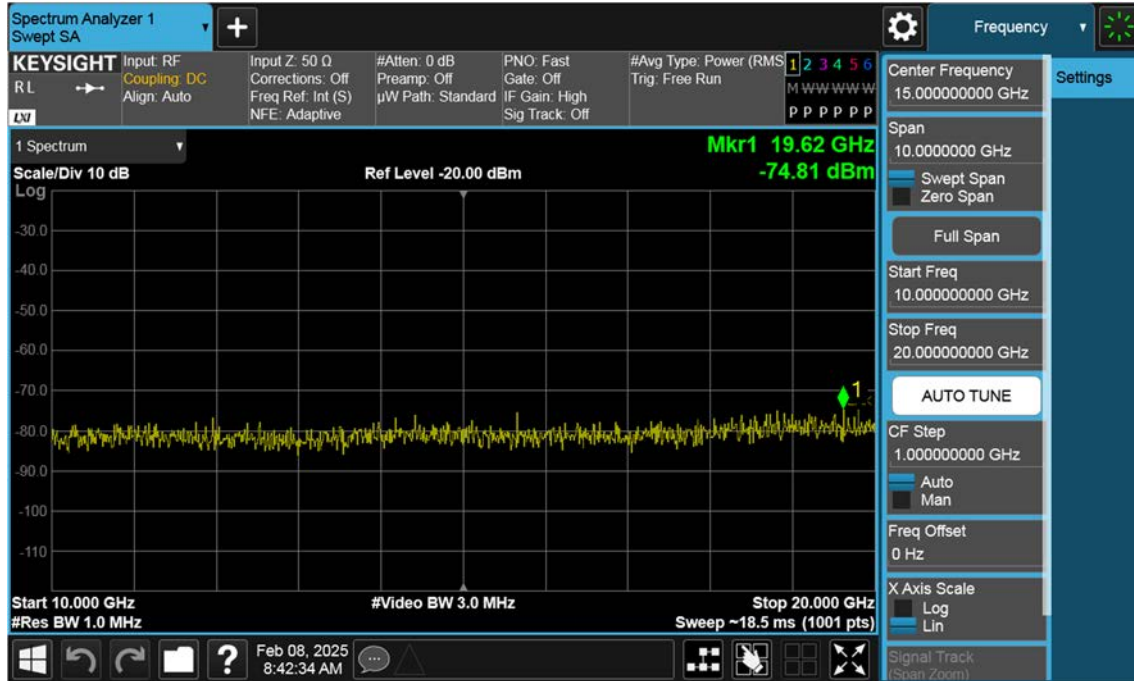
LTE B25_20 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



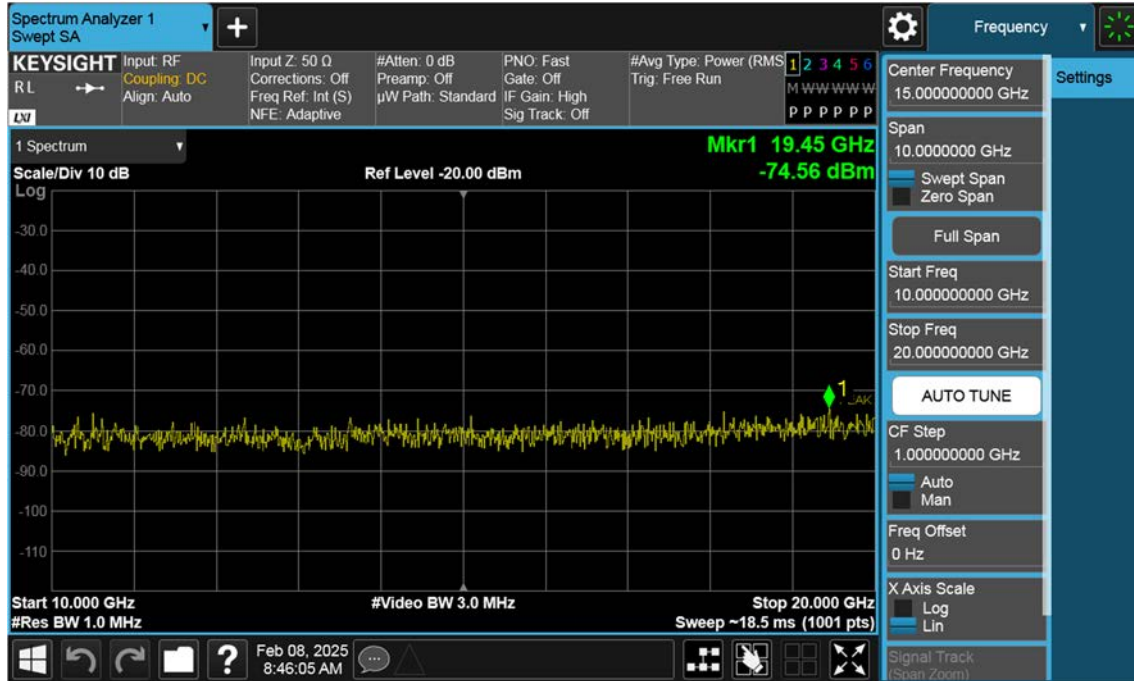
LTE B25_20 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



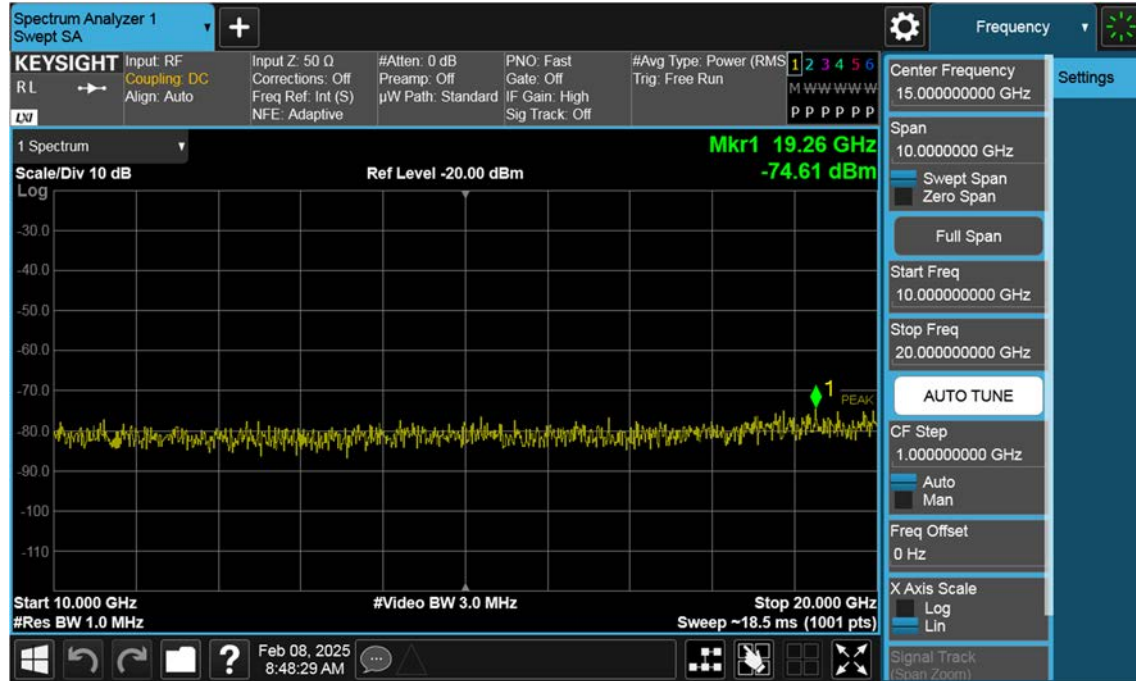
LTE B25_1.4M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



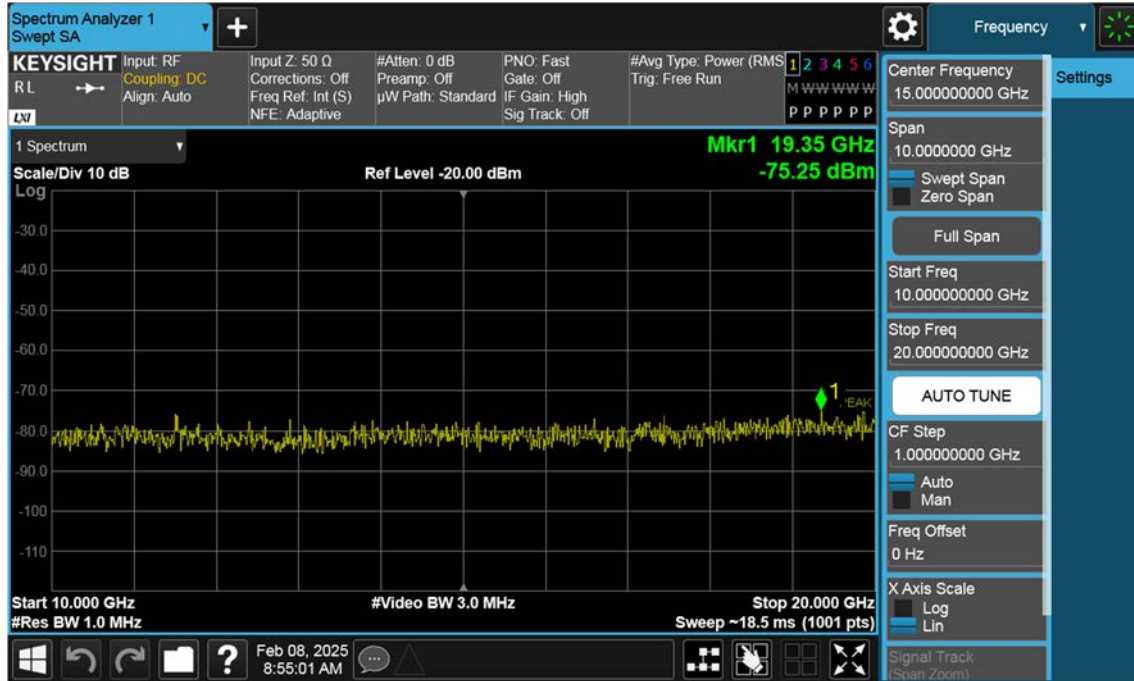
LTE B25_1.4M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



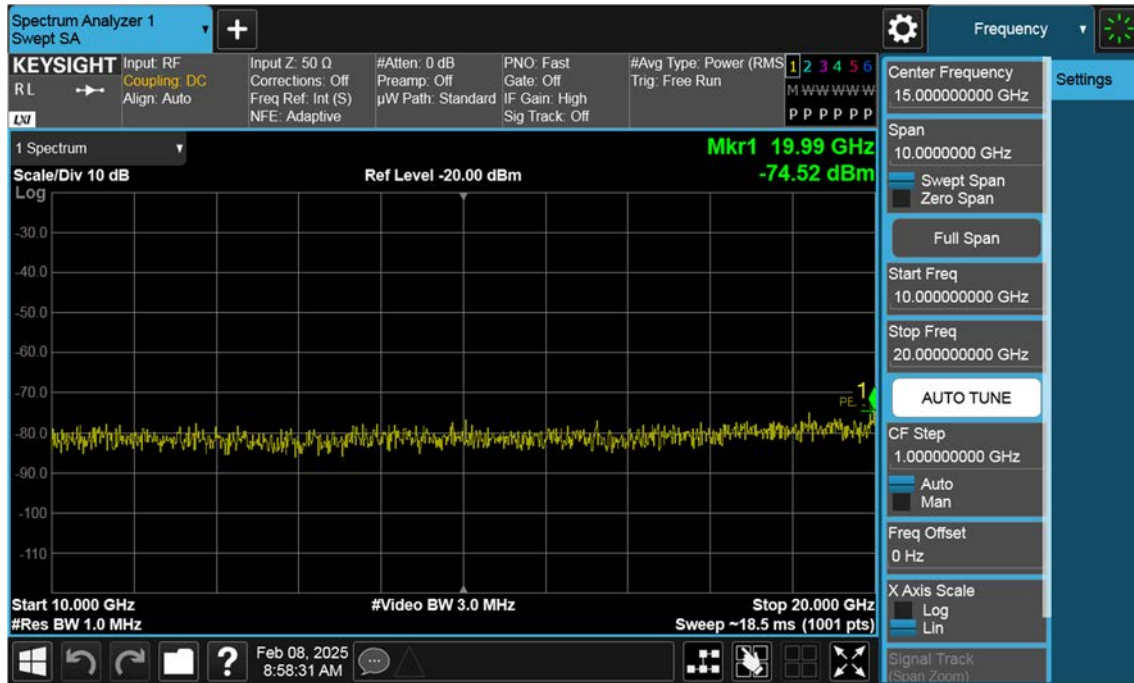
LTE B25_1.4M_Conducted Spurious(Above10 G)_High_QPSK_1RB



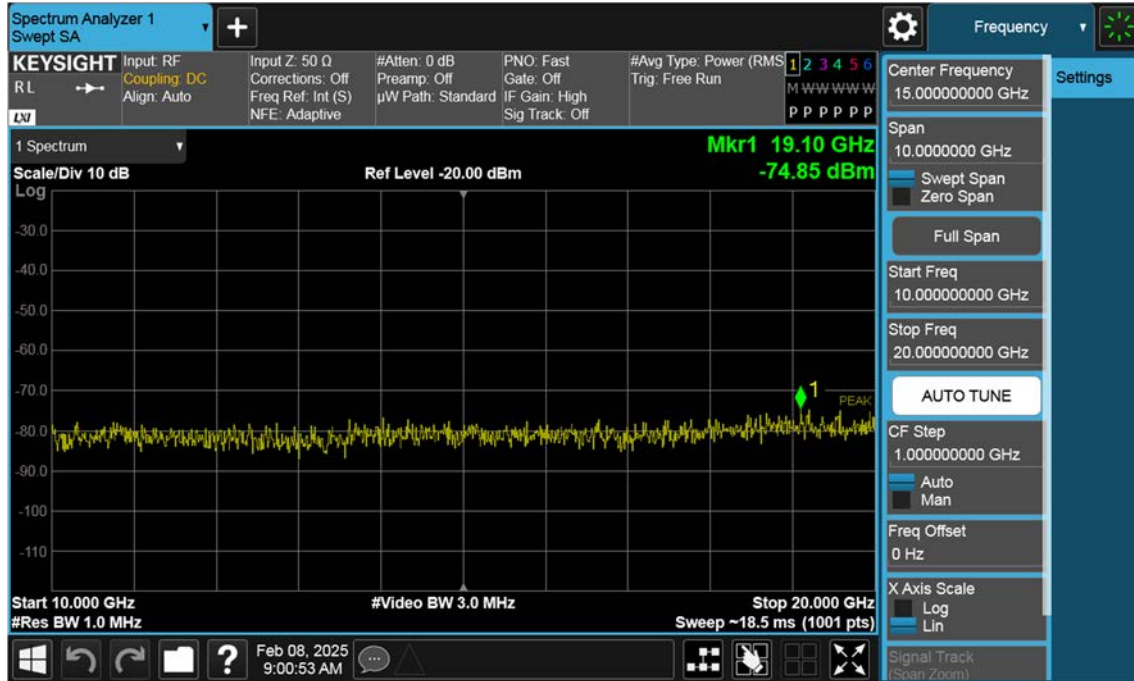
LTE B25_3 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



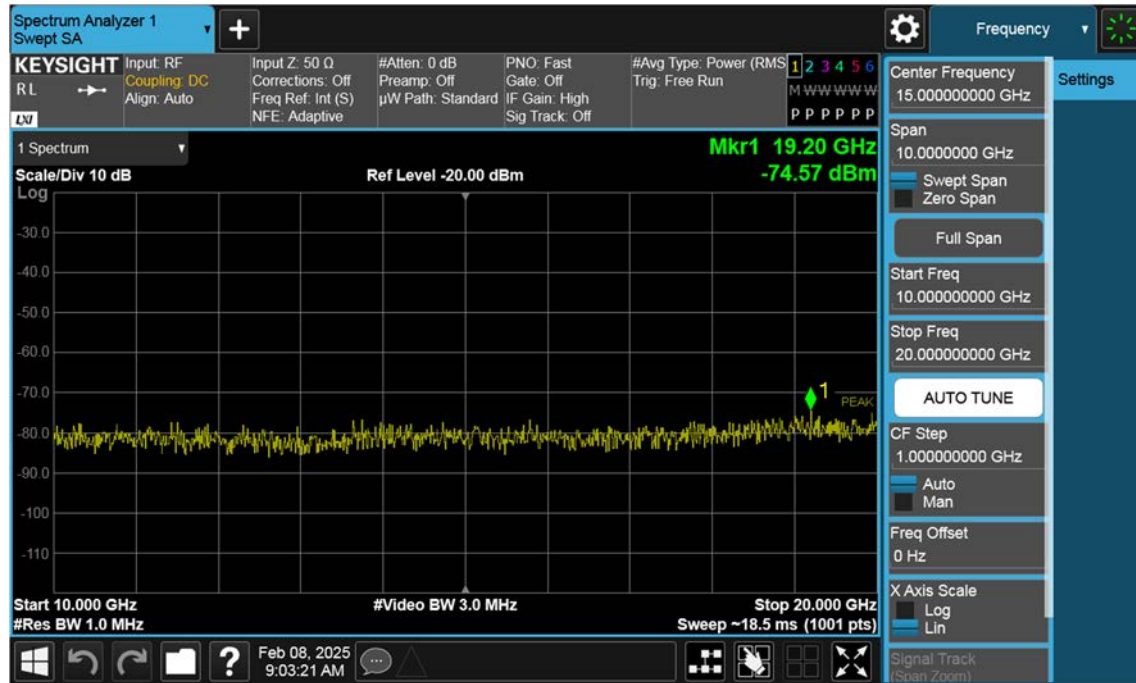
LTE B25_3 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



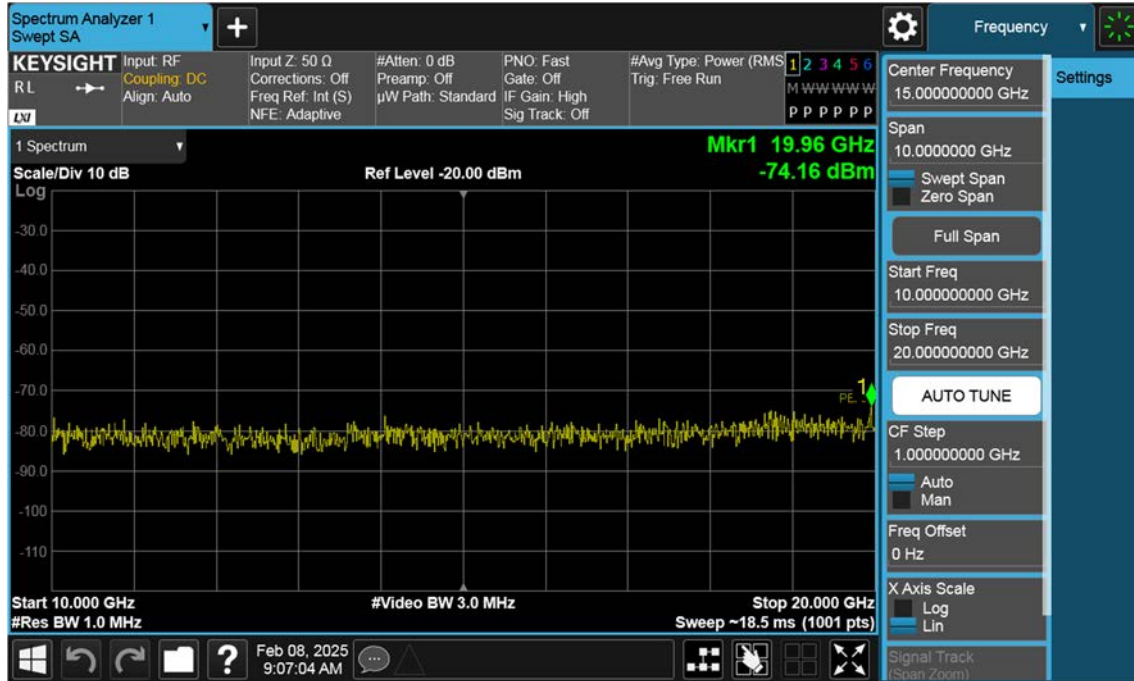
LTE B25_3 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



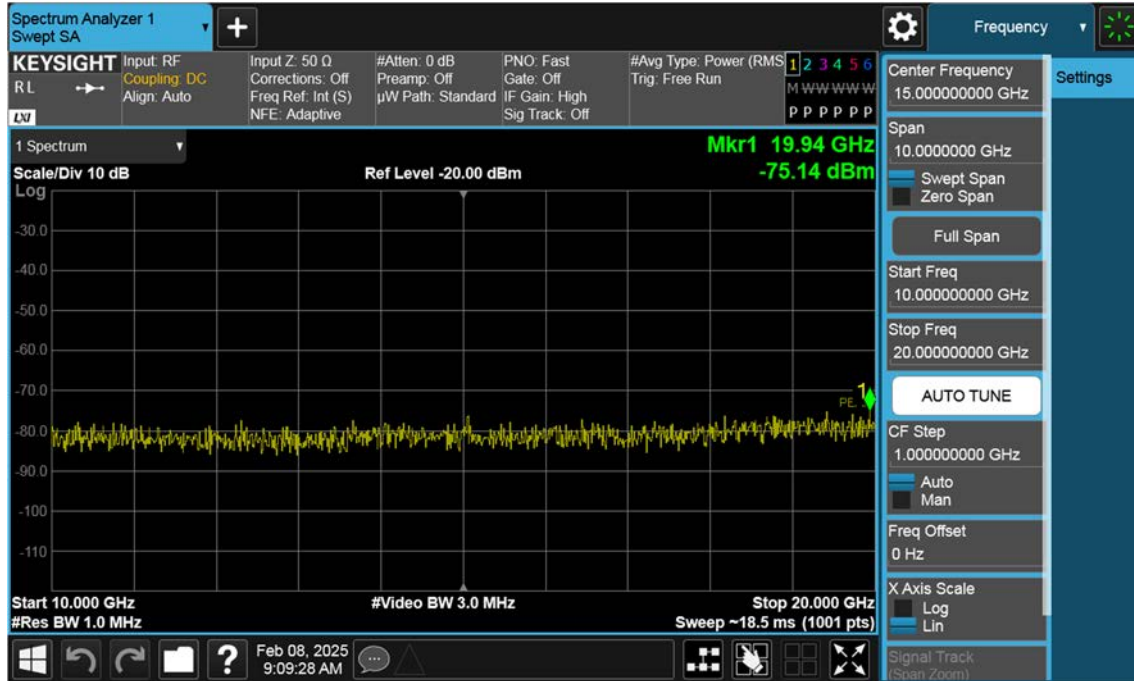
LTE B25_5 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



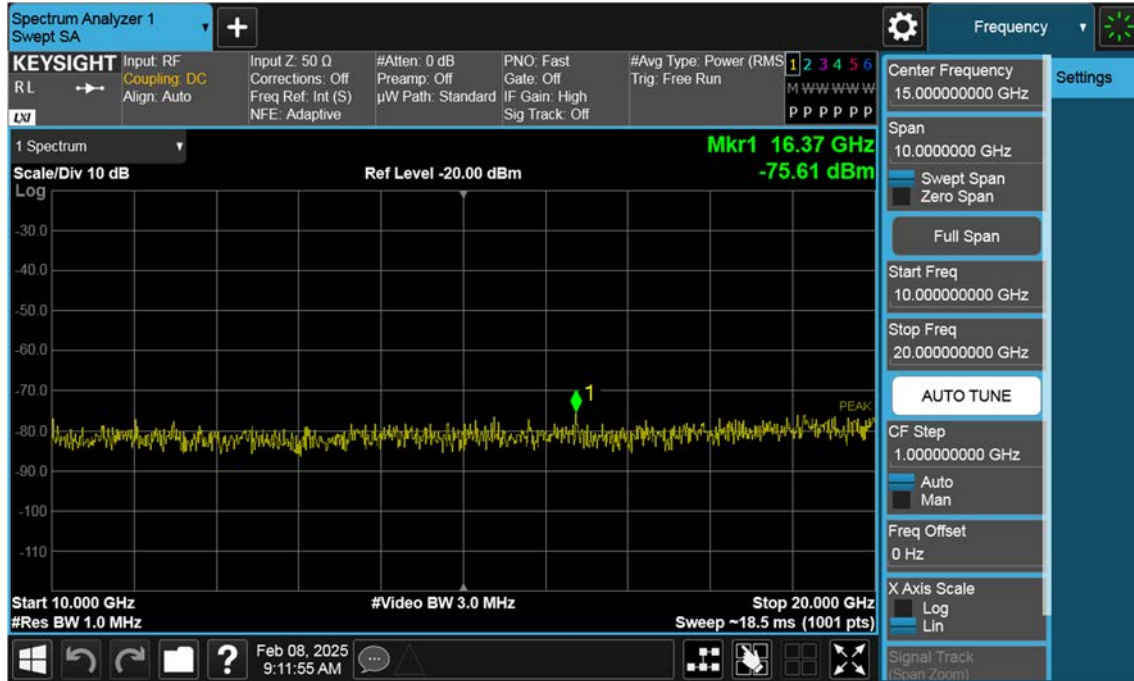
LTE B25_5 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



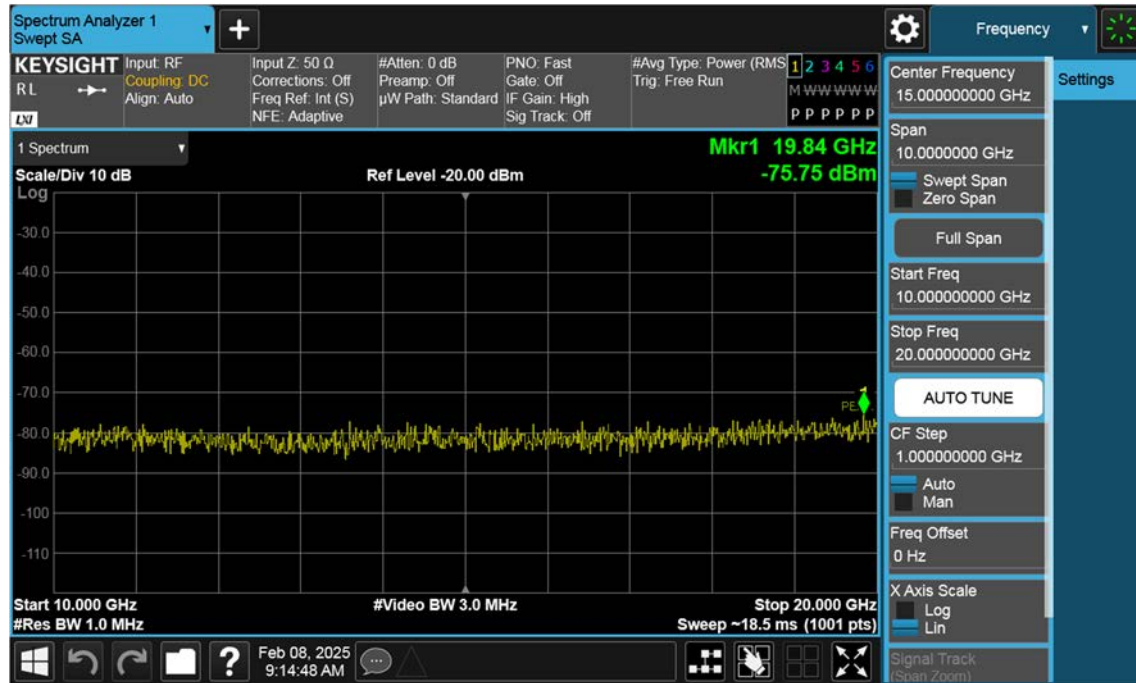
LTE B25_5 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



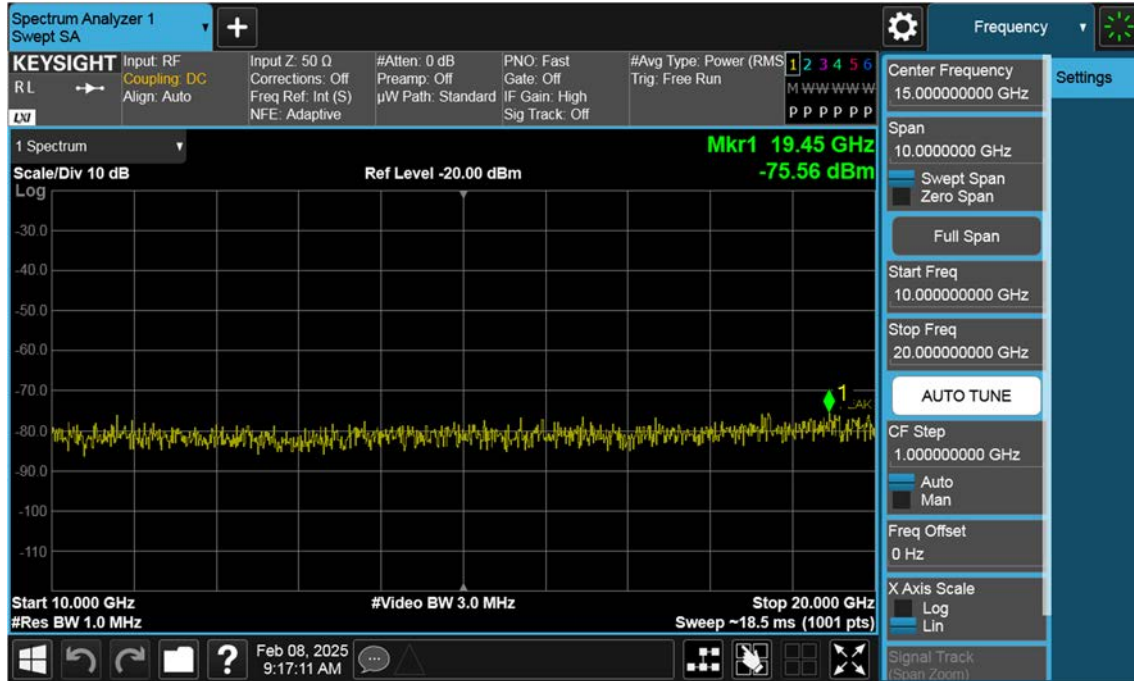
LTE B25_10 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



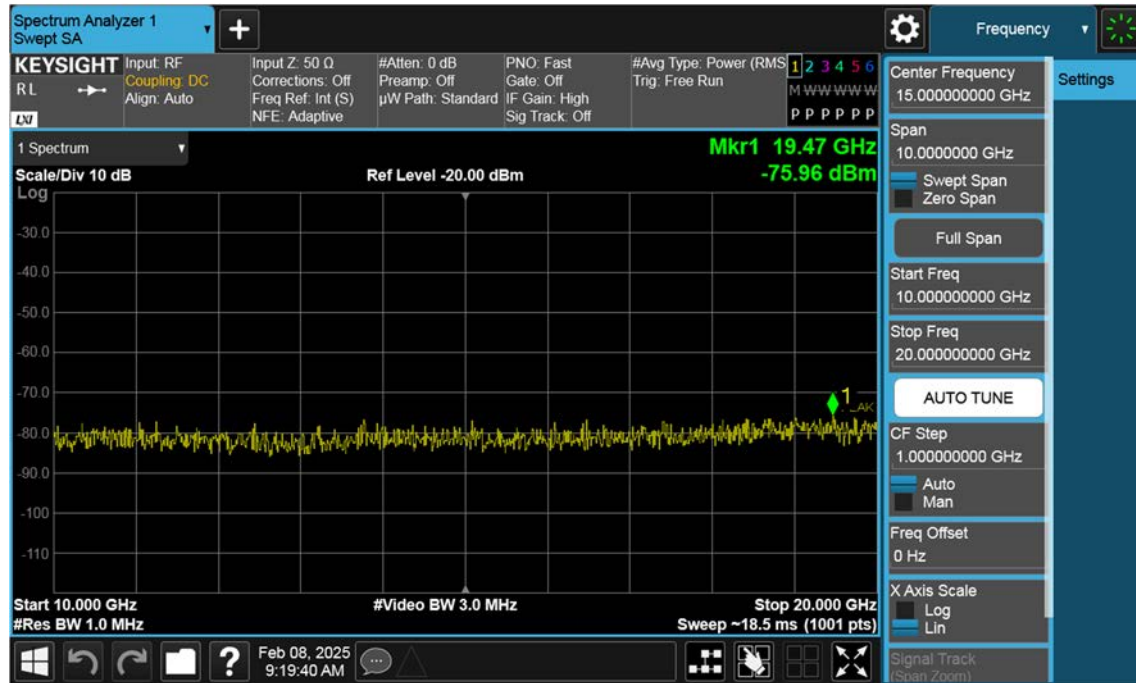
LTE B25_10 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



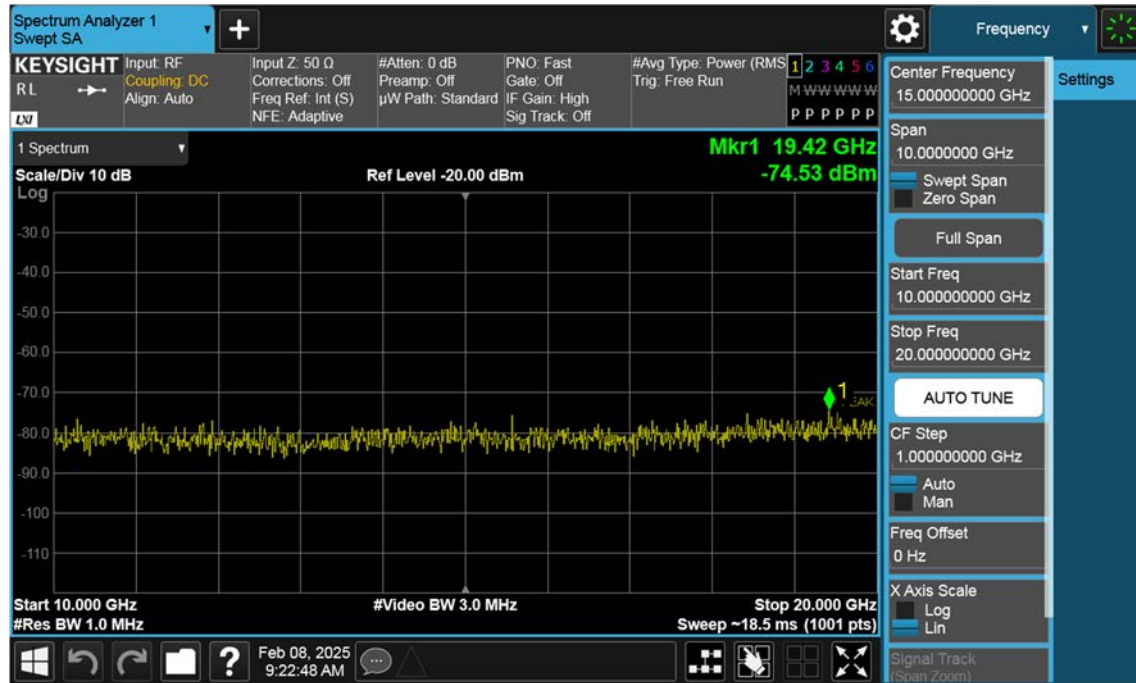
LTE B25_10 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



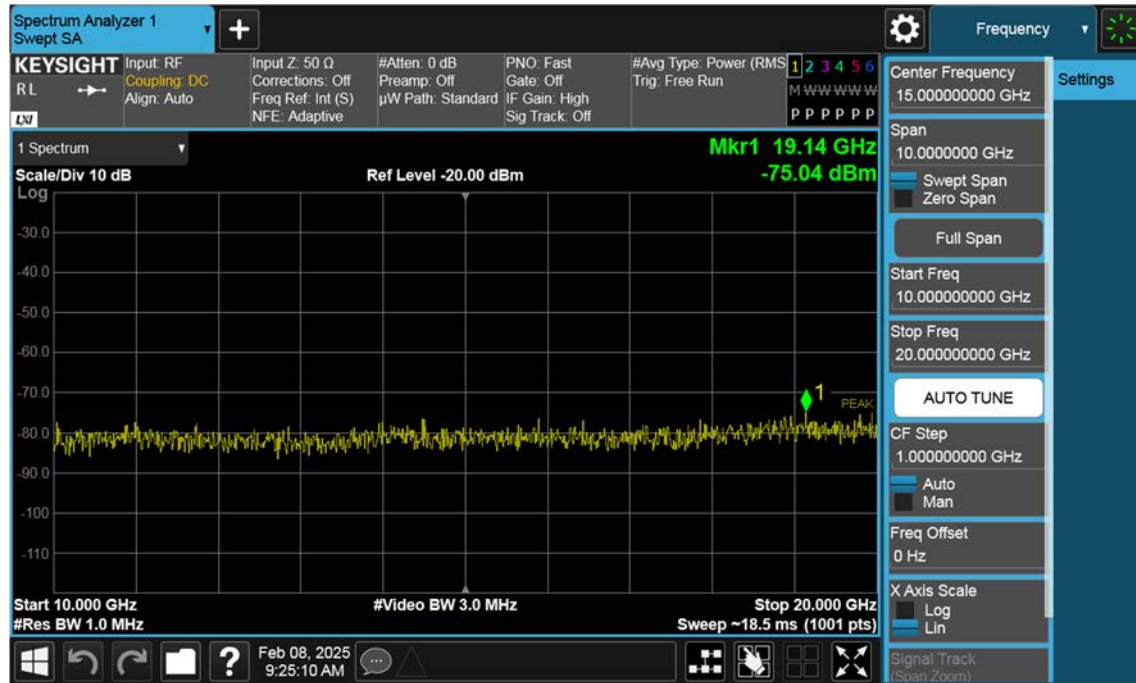
LTE B25_15 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



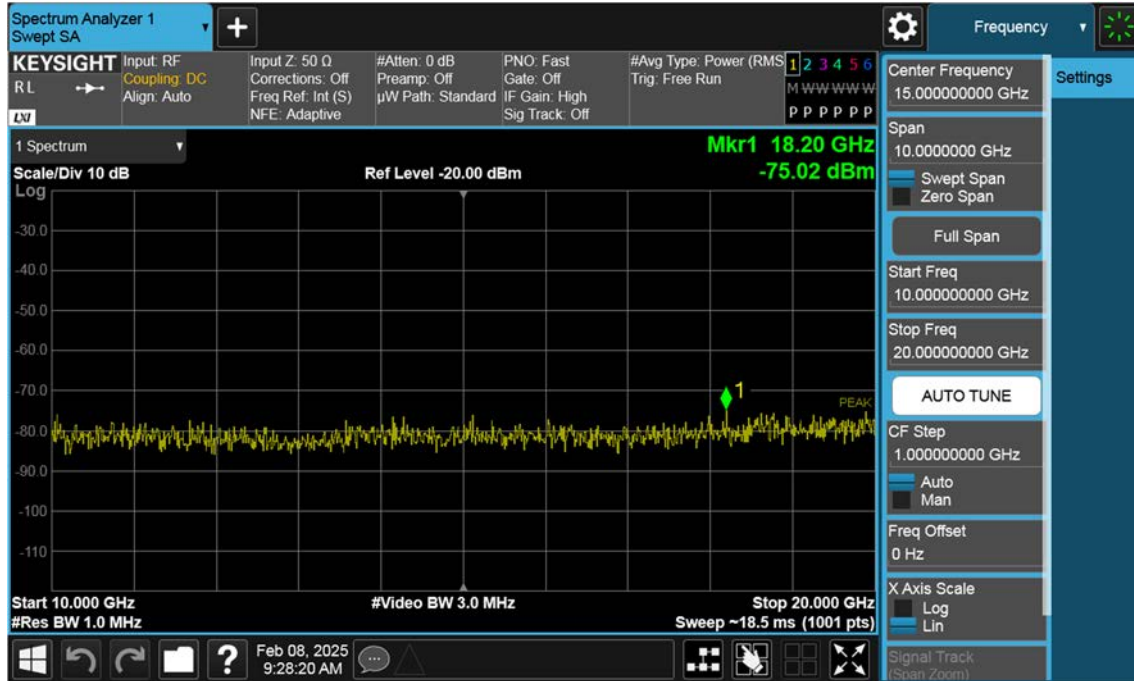
LTE B25_15 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



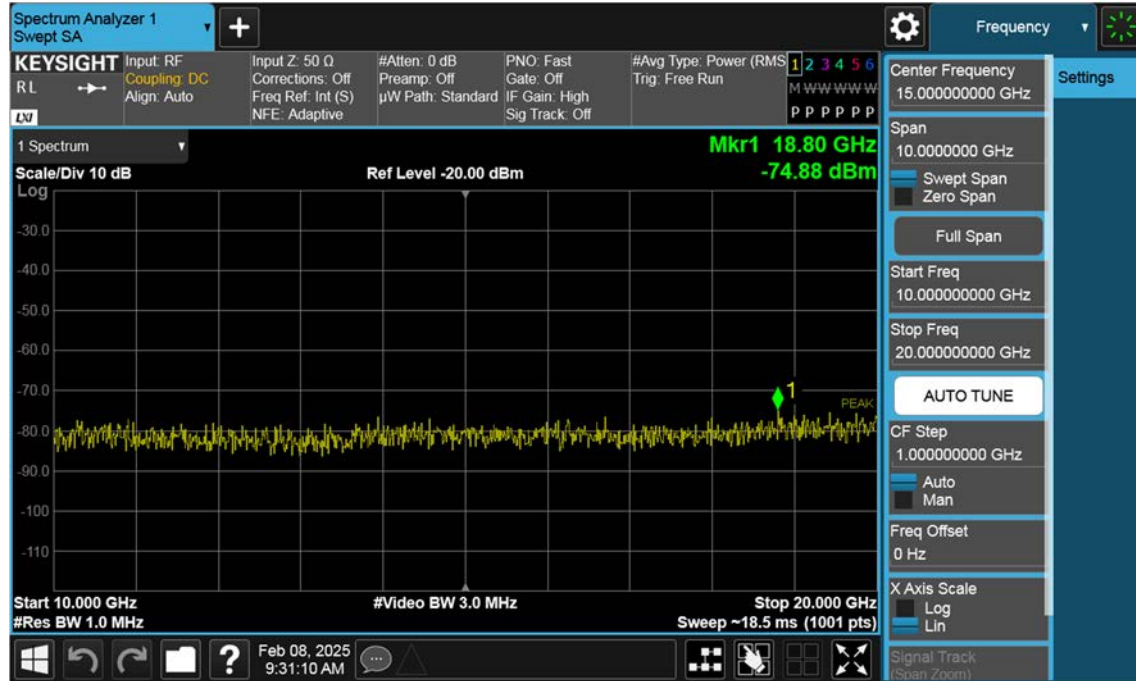
LTE B25_15 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



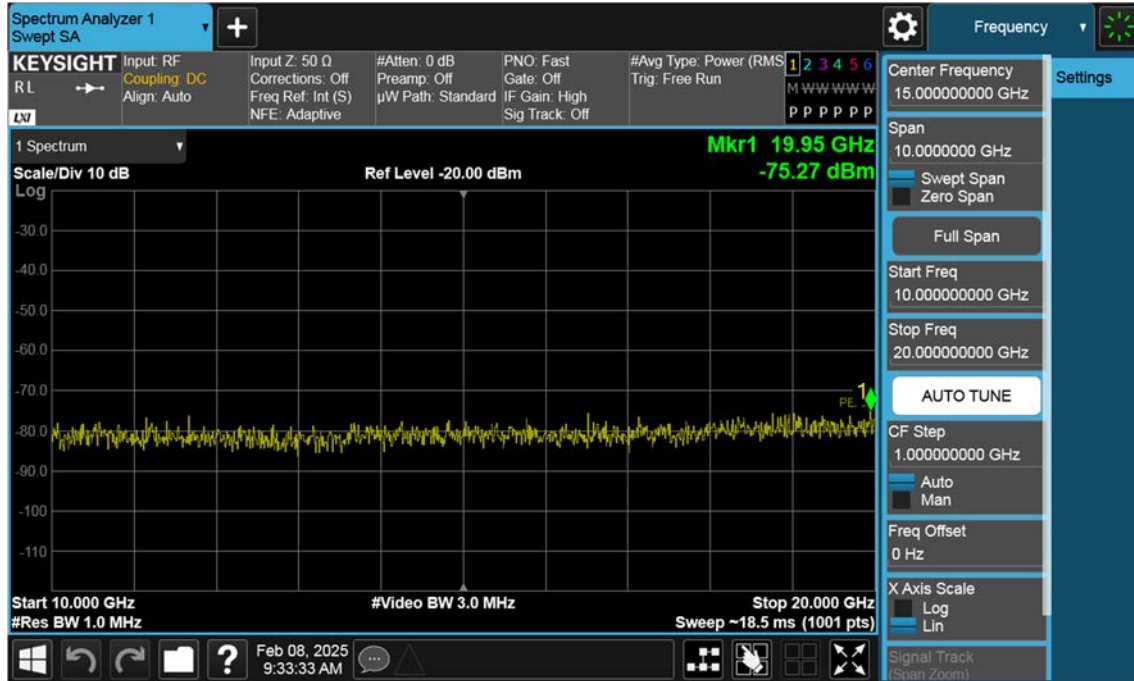
LTE B25_20 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



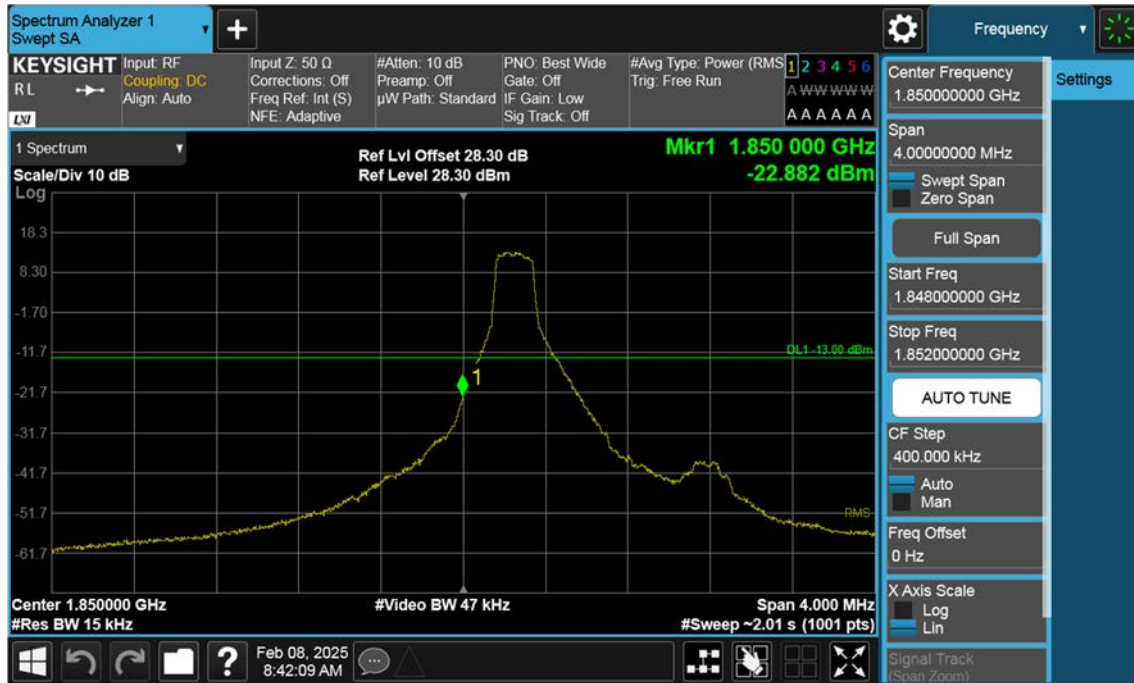
LTE B25_20 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



LTE B25_20 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



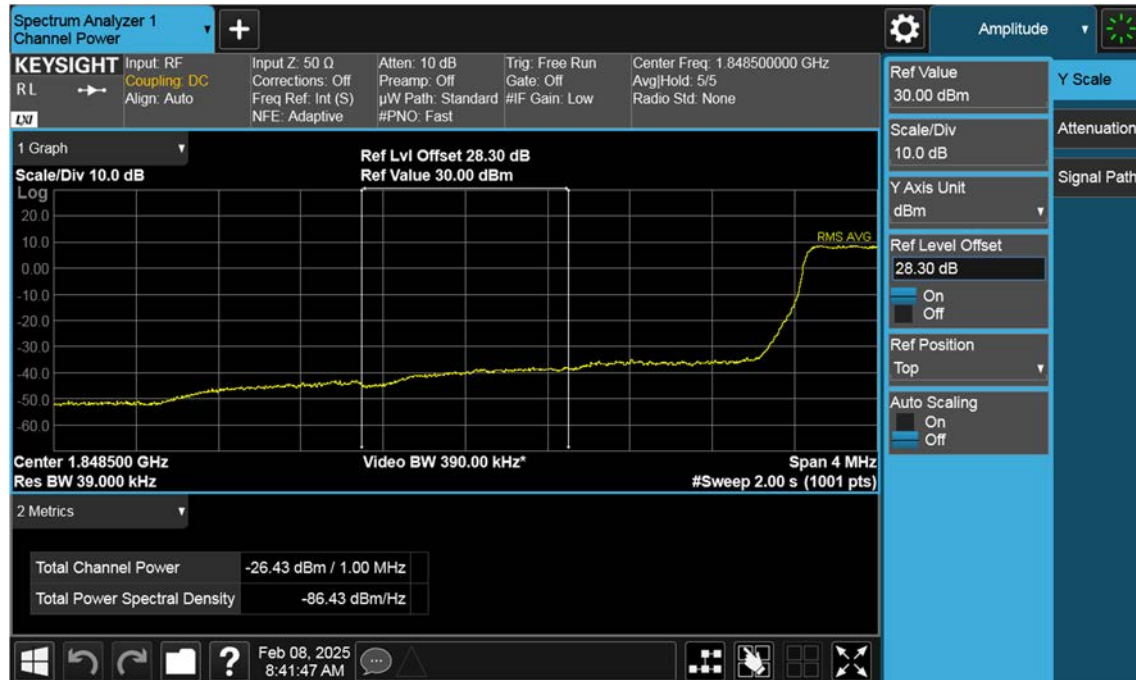
LTE B25_1.4M_Band Edge_Low_QPSK_1RB



LTE B25_1.4M_Band Edge_Low_QPSK_FullRB



LTE B25_1.4M_Extended Band Edge_Low_QPSK_FullIRB



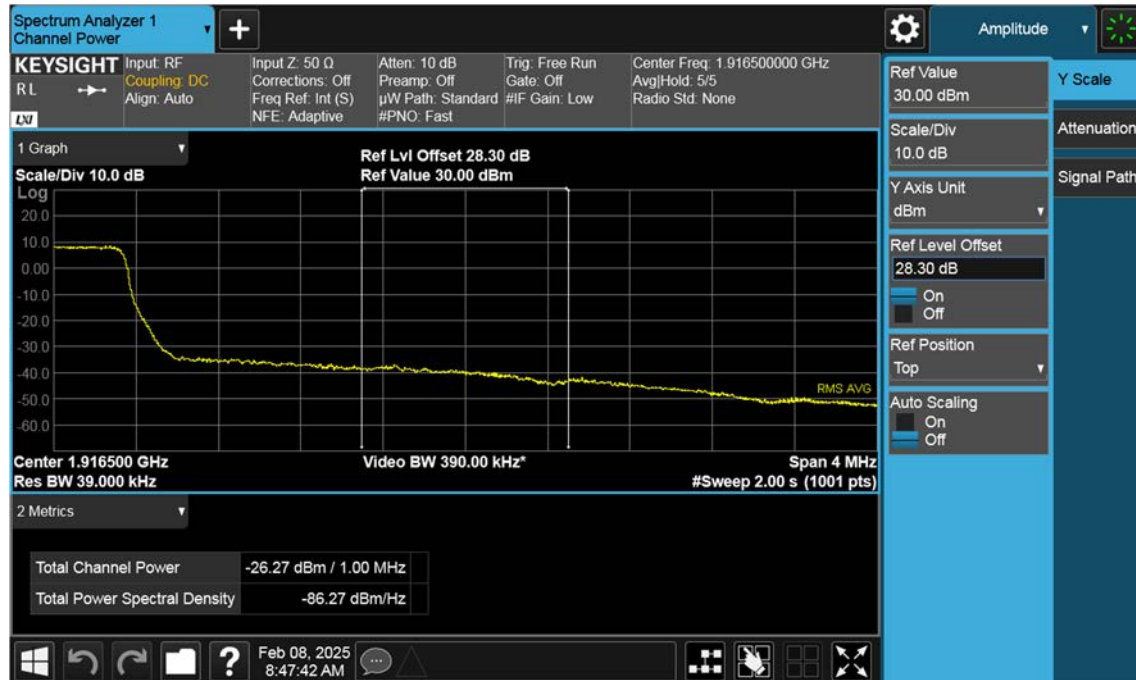
LTE B25_1.4M_Band Edge_High_QPSK_1RB



LTE B25_1.4M_Band Edge_High_QPSK_FullRB

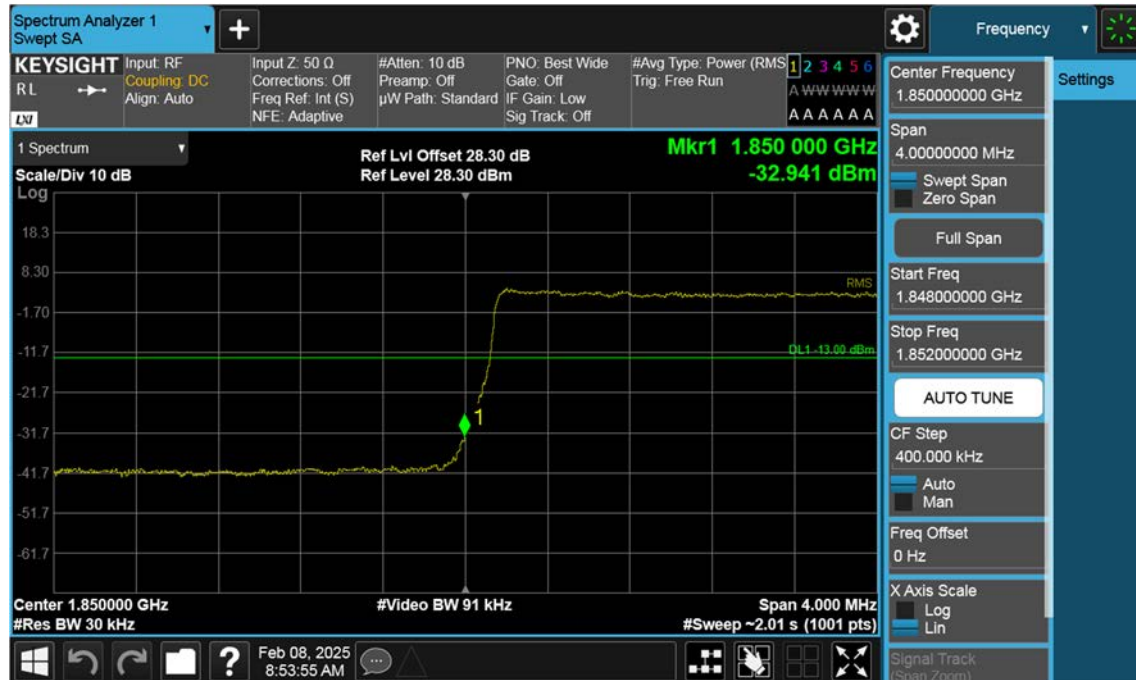


LTE B25_1.4M_Extended Band Edge_High_QPSK_FullRB

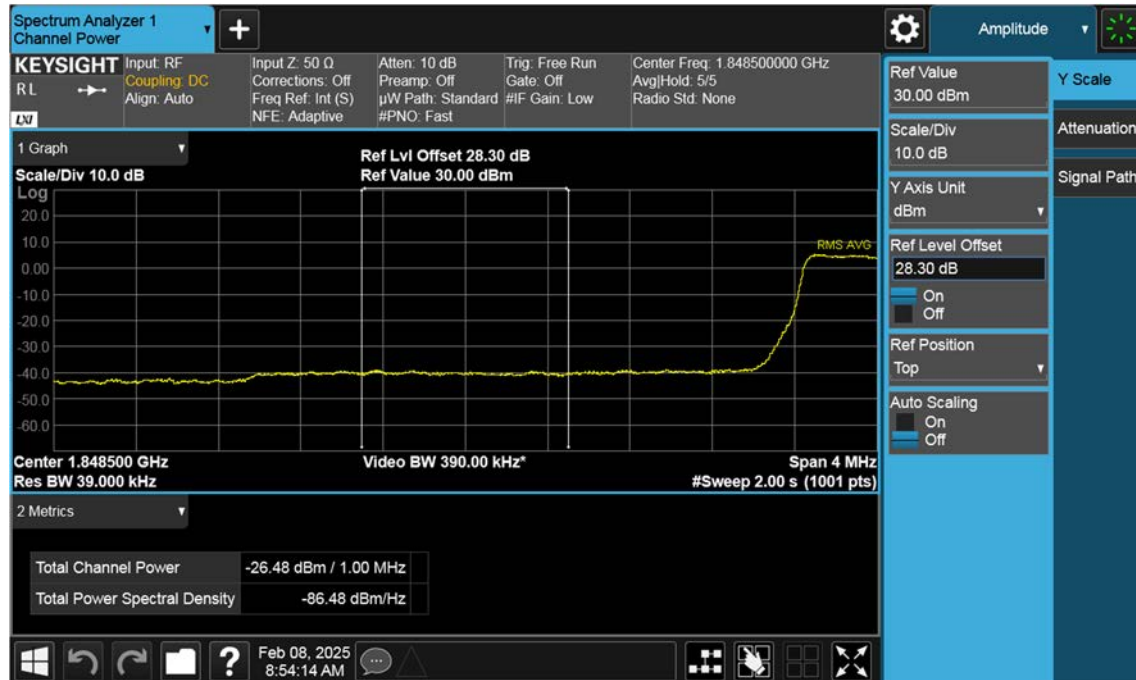


The screenshot displays a Keysight Spectrum Analyzer 1 interface. The main window shows a frequency spectrum plot with a peak at 1.850000 GHz, labeled 'Mkr1 1.850 000 GHz -19.620 dBm'. The y-axis is labeled 'Scale/Div 10 dB' and 'Log'. The x-axis is labeled 'Center 1.850000 GHz' and 'Span 4.000 MHz'. The bottom status bar shows 'Feb 08, 2025 8:54:35 AM' and 'Sweep ~2.01 s (1001 pts)'.

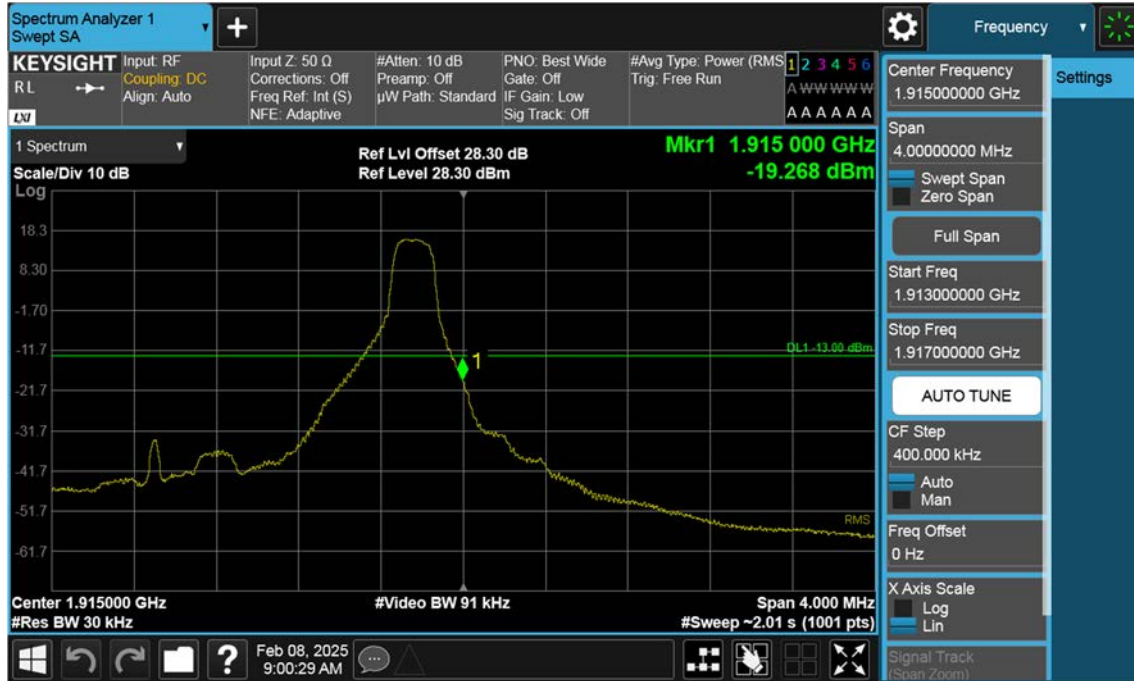
LTE B25_3 M_Band Edge_Low_QPSK_FullRB



LTE B25_3 M_Extended Band Edge_Low_QPSK_FullRB



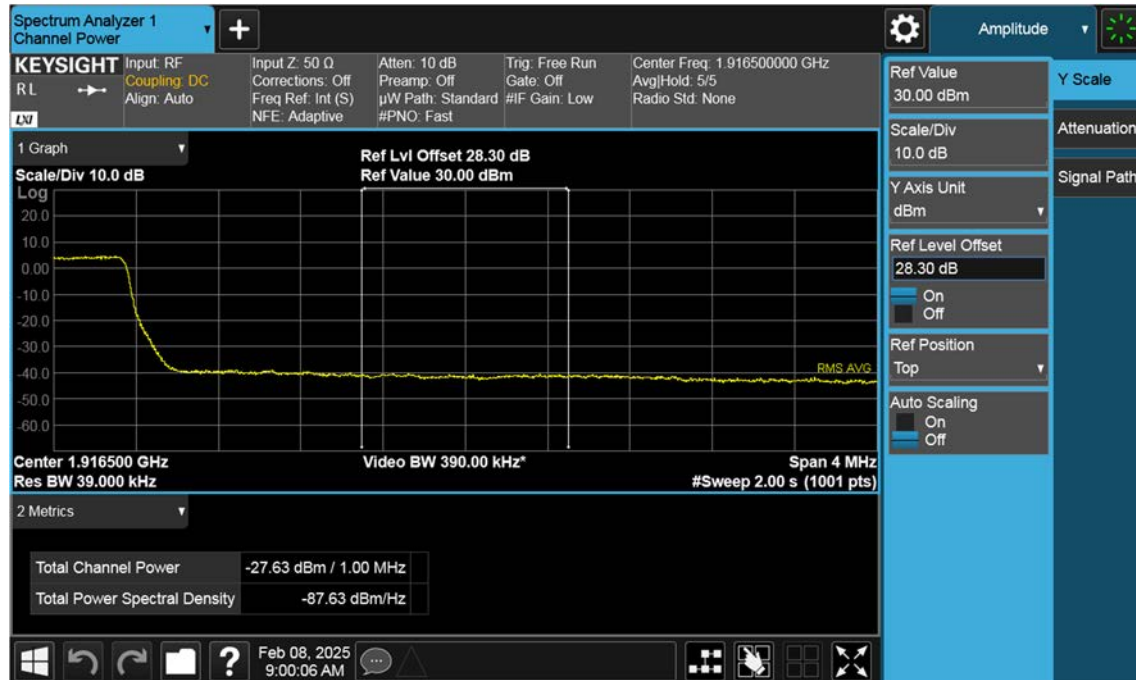
LTE B25_3 M_Band Edge_High_QPSK_1RB



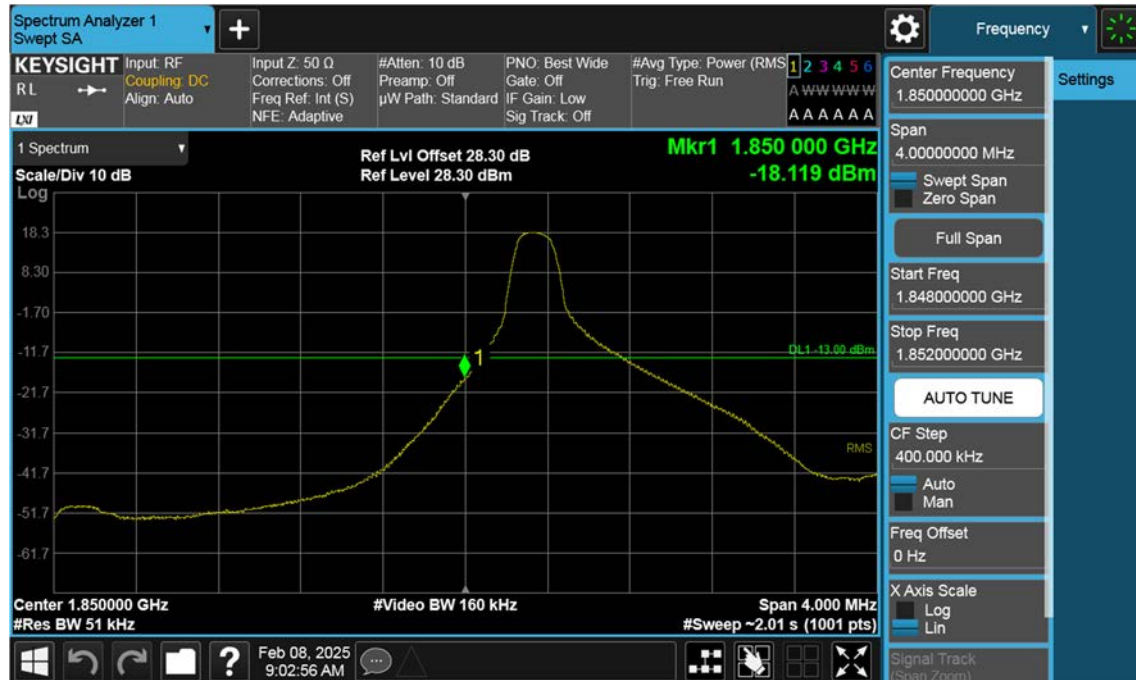
LTE B25_3 M_Band Edge_High_QPSK_FullRB



LTE B25_3 M_Extended Band Edge_High_QPSK_FullRB



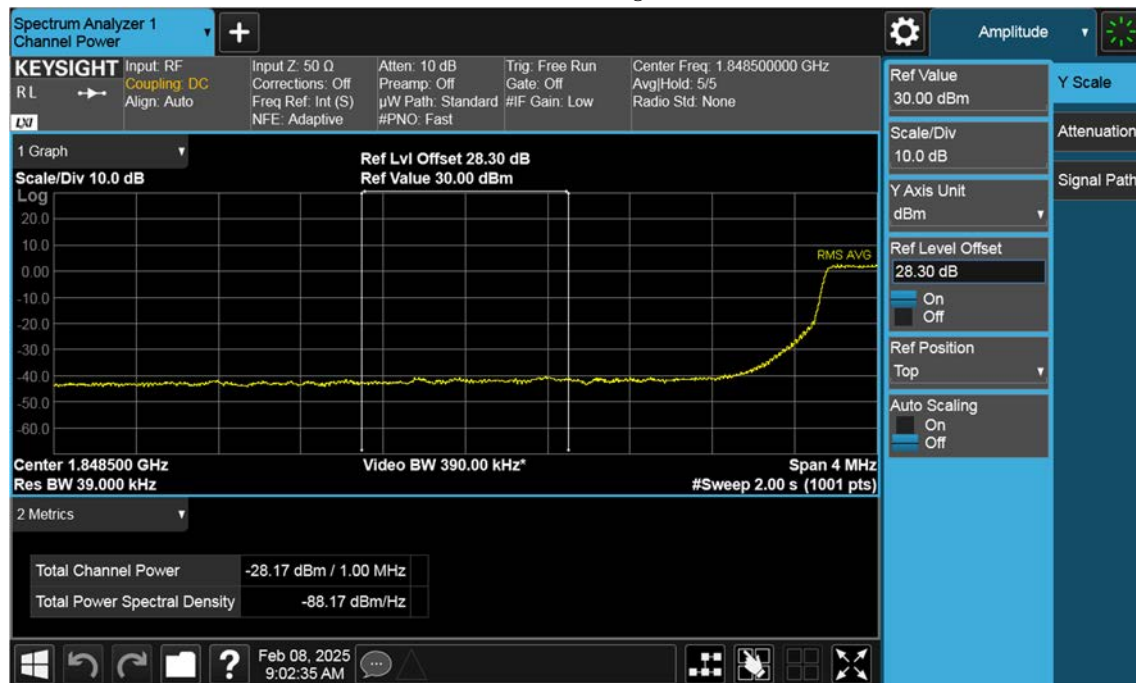
LTE B25_5 M_Band Edge_Low_QPSK_1RB



LTE B25_5 M_Band Edge_Low_QPSK_FullRB



LTE B25_5 M_Extended Band Edge_Low_QPSK_FullRB



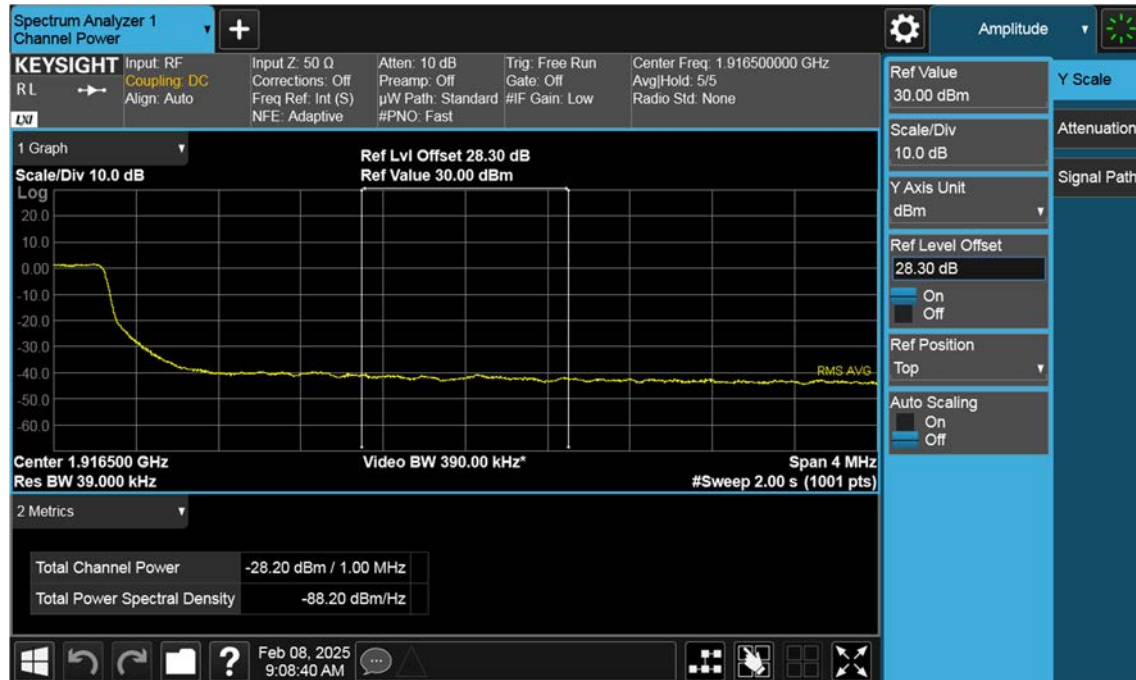
LTE B25_5 M_Band Edge_High_QPSK_1RB



LTE B25_5 M_Band Edge_High_QPSK_FullRB



LTE B25_5 M_Extended Band Edge_High_QPSK_FullRB



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

- Top Bar:** Spectrum Analyzer 1, Swept SA, and a plus icon.
- Keysight Configuration:**
 - Input: RF, 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
- Frequency Settings:** Center Frequency 1.85000000 GHz, Span 4.00000000 MHz, Start Freq 1.848000000 GHz, Stop Freq 1.852000000 GHz.
- Measurement Data:** Mkr1 1.849 996 GHz, -21.555 dBm.
- Display Settings:** Scale/Div 10 dB, Log, Video BW 300 kHz, Span 4.000 MHz, #Sweep ~2.01 s (1001 pts).
- Signal Trace:** A yellow trace shows a broad signal with a peak at 1.849996 GHz. A green horizontal line is at -13.00 dBm, and a red horizontal line is at -21.555 dBm.
- Bottom Bar:** Windows taskbar showing the date Feb 08, 2025, 9:11:30 AM, and various application icons.

LTE B25_10 M_Band Edge_Low_QPSK_FullRB



Spectrum Analyzer 1
Channel Power

KEYSIGHT Input: RF
Coupling: DC
Align: Auto

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

Atten: 10 dB
Preamp: Off
μW Path: Standard
#PNO: Fast

Trig: Free Run
Gate: Off
#IF Gain: Low

Center Freq: 1.84850000 GHz
Avg/Hold: 5/5
Radio Std: None

1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 28.30 dB
Ref Value 30.00 dBm

Center 1.848500 GHz
Res BW 39.000 kHz
Video BW 390.00 kHz*
Span 4 MHz
#Sweep 2.00 s (1001 pts)

2 Metrics

Total Channel Power	-30.88 dBm / 1.00 MHz
Total Power Spectral Density	-90.88 dBm/Hz

Ref Value 30.00 dBm
Scale/Div 10.0 dB
Y Axis Unit dBm
Ref Level Offset 28.30 dB
Ref Position Top
Auto Scaling

Keysight Spectrum Analyzer 1
Swept SA

Input RF
Coupling: DC
Align: Auto

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

#Atten: 10 dB
Preamp: Off
μW 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 A A A A A

Center Frequency
1.91500000 GHz

Span
4.00000000 MHz

Swept Span
☒ Swept Span
☐ Zero Span

Full Span

Start Freq
1.913000000 GHz

Stop Freq
1.917000000 GHz

AUTO TUNE

CF Step
400.000 kHz

Auto Man
☒ Auto
☐ Man

Freq Offset
0 Hz

X Axis Scale
☒ Log
☐ Lin

Signal Trace
(Sweep 7/1000)

1 Spectrum
▼

Scale/Div 10 dB
Log

Ref Lvl Offset 28.30 dB
Ref Level 28.30 dBm

Mkr1 1.915 000 GHz
-21.614 dBm

DL1 -13.00 dBm

1

RMS

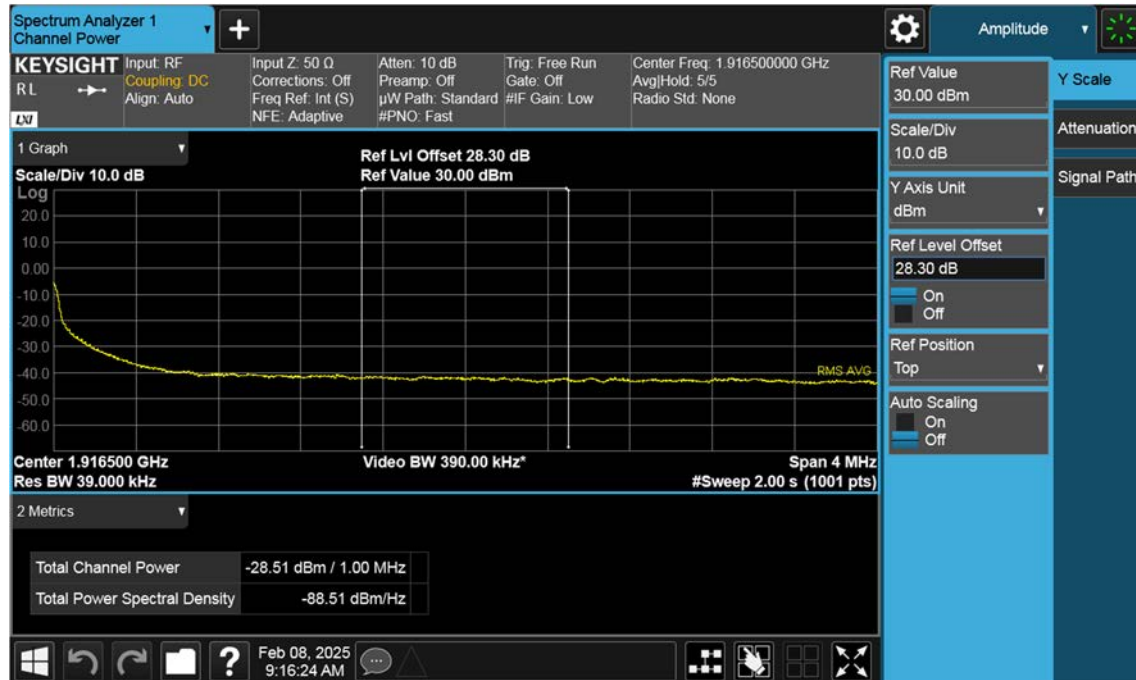
Center 1.915000 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Span 4.000 MHz
#Sweep ~2.01 s (1001 pts)

Feb 08, 2025 9:16:46 AM

LTE B25_10 M_Band Edge_High_QPSK_FullRB



LTE B25_10 M_Extended Band Edge_High_QPSK_FullRB



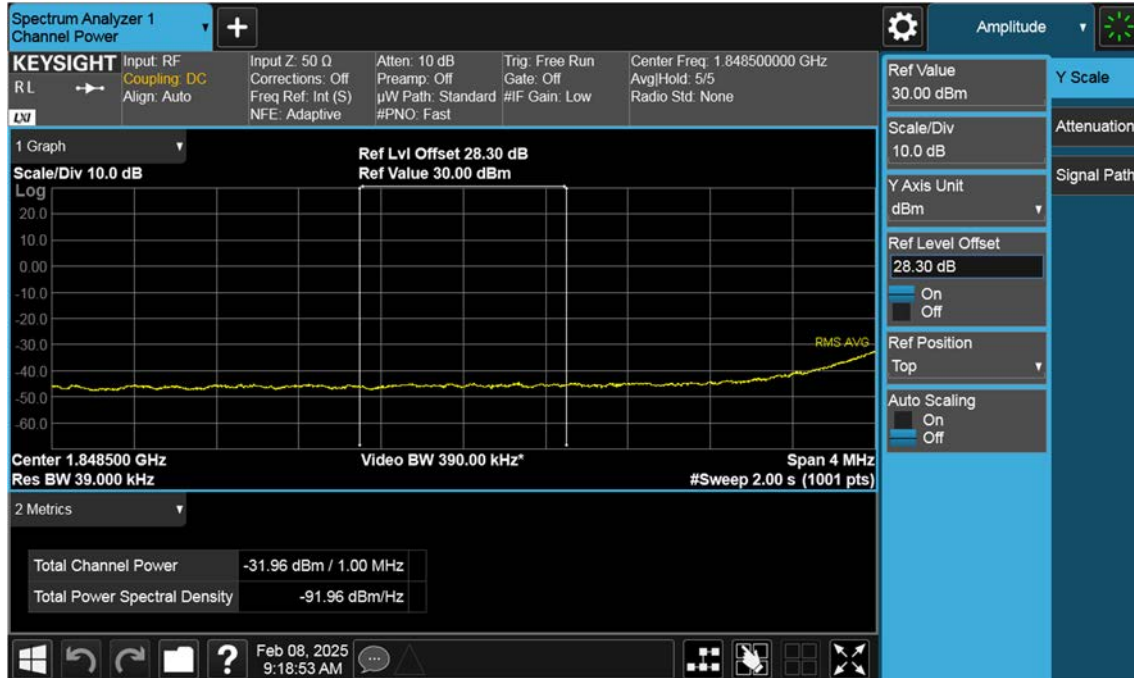
LTE B25_15 M_Band Edge_Low_QPSK_1RB



LTE B25_15 M_Band Edge_Low_QPSK_FullRB



LTE B25_15 M_Extended Band Edge_Low_QPSK_FullIRB



LTE B25_15 M_Band Edge_High_QPSK_1RB



Keysight Spectrum Analyzer 1
Swept SA

Input: RF
Coupling: DC
Align: Auto

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

#Atten: 10 dB
Preamp: Off
μW Path: Standard

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

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

Center Frequency: 1.91500000 GHz

Span: 4.00000000 MHz

Start Freq: 1.913000000 GHz

Stop Freq: 1.917000000 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 28.30 dB
Ref Level 28.30 dBm

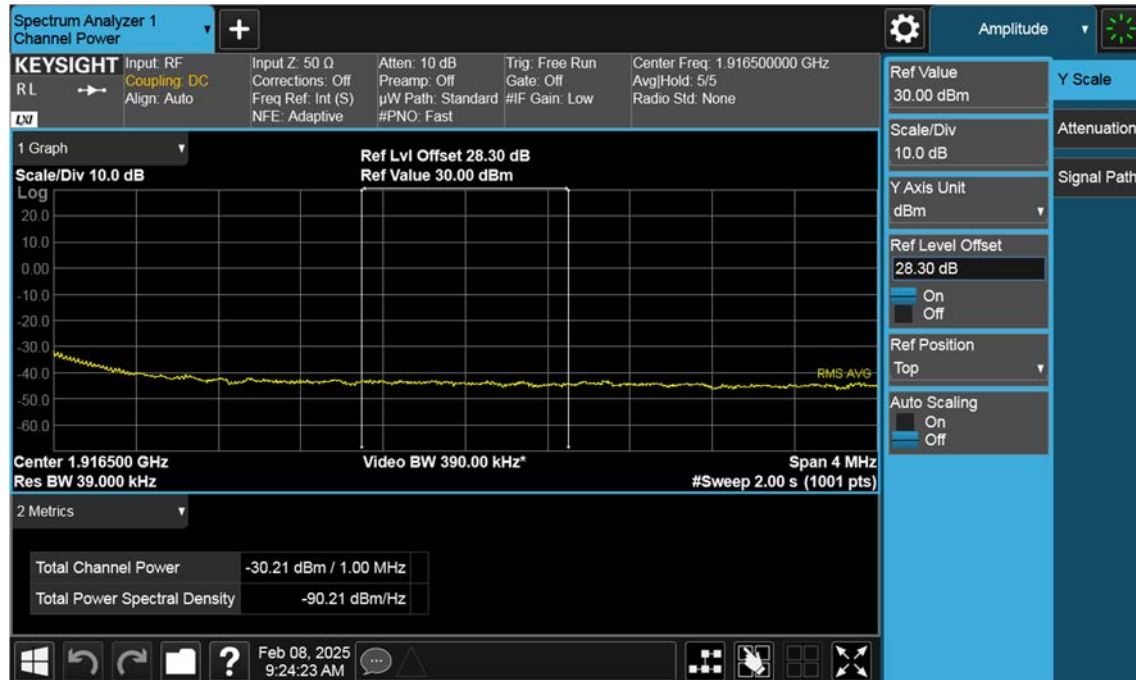
Mkr1 1.915 016 GHz
-35.181 dBm

DL1 -13.00 dBm

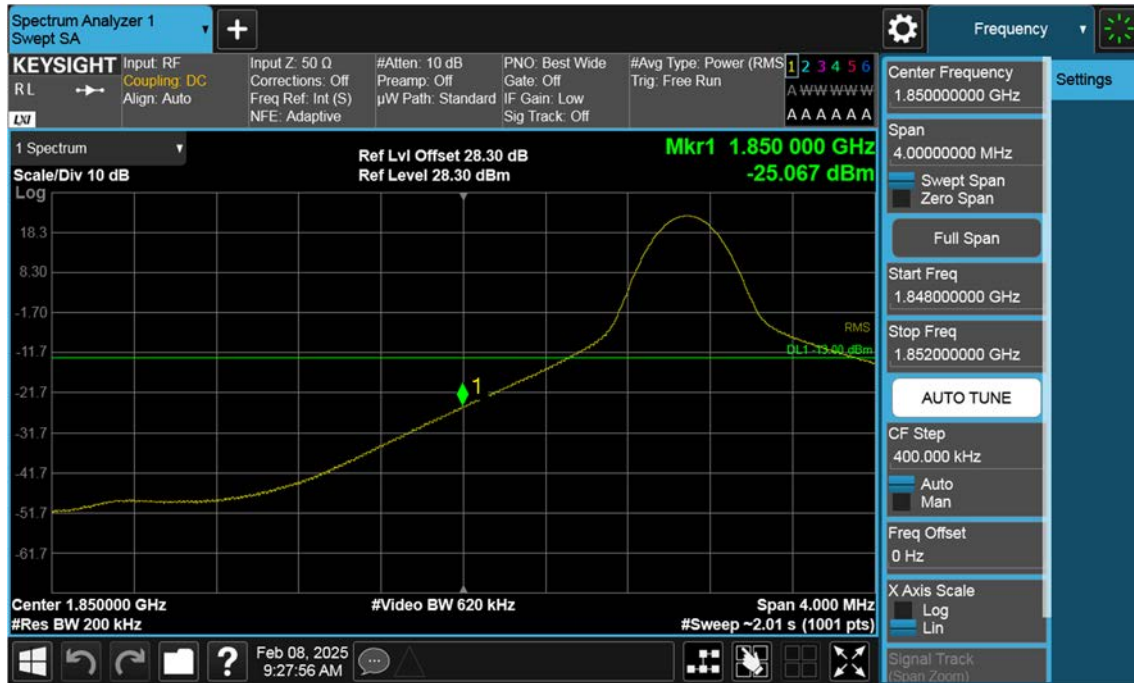
Center 1.915000 GHz
#Res BW 150 kHz

#Video BW 470 kHz
Span 4.000 MHz
#Sweep ~2.01 s (1001 pts)

LTE B25_15 M_Extended Band Edge_High_QPSK_FullRB



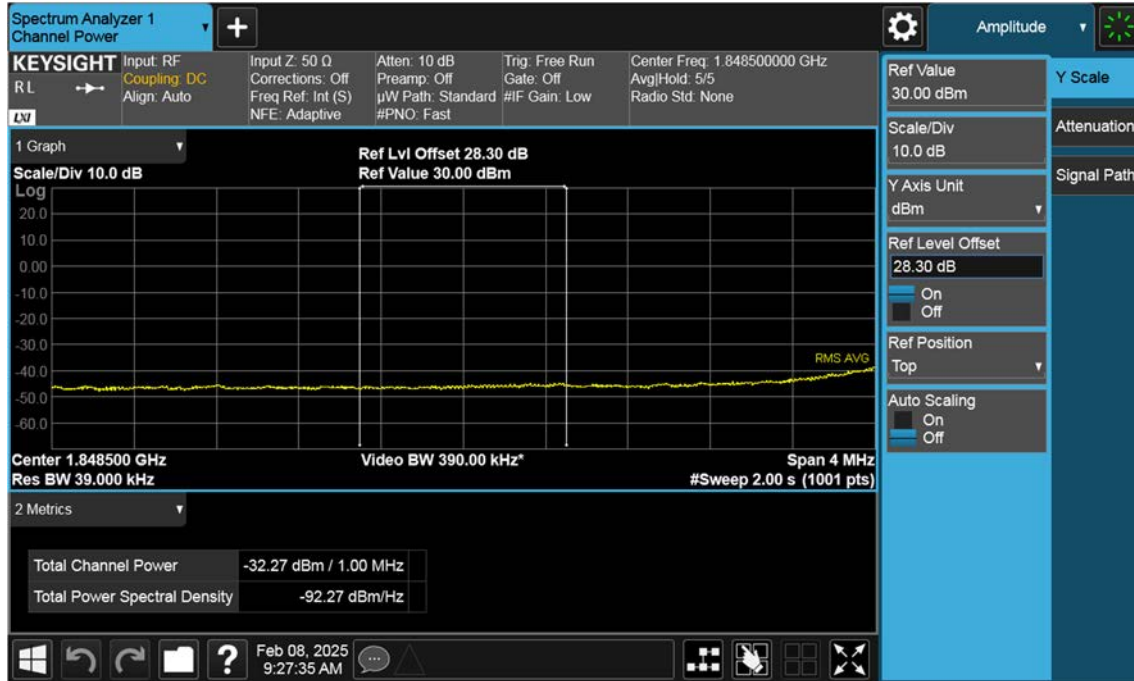
LTE B25_20 M_Band Edge_Low_QPSK_1RB



LTE B25_20 M_Band Edge_Low_QPSK_FullRB



LTE B25_20 M_Extended Band Edge_Low_QPSK_FullRB



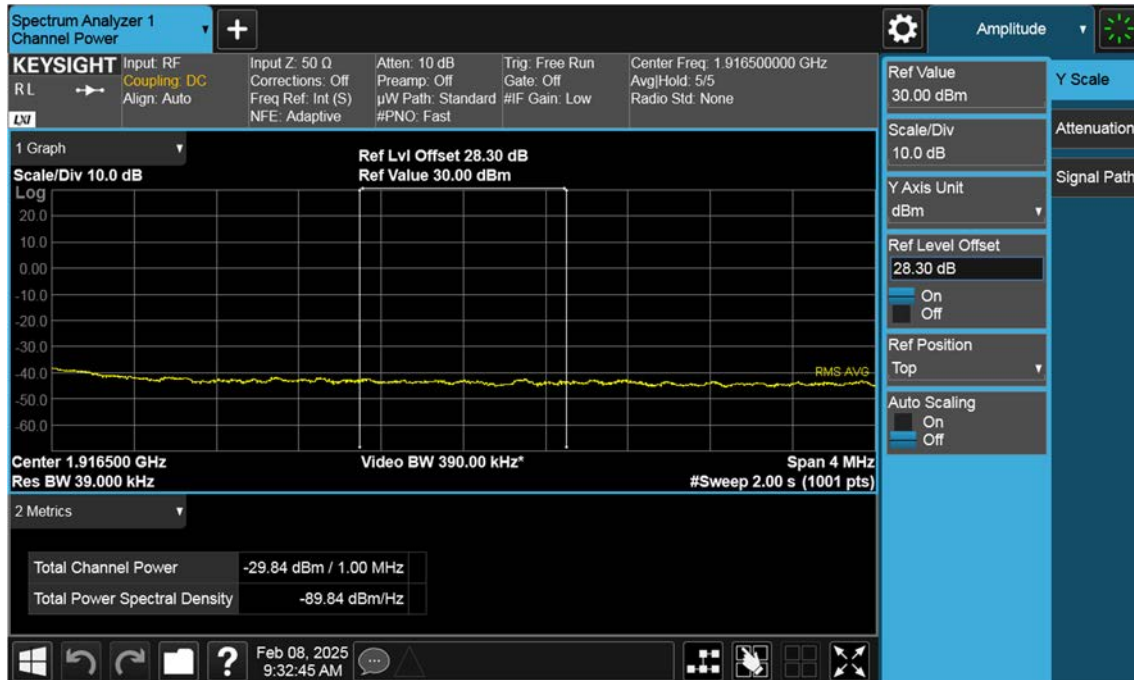
LTE B25_20 M_Band Edge_High_QPSK_1RB



LTE B25_20 M_Band Edge_High_QPSK_FullRB



LTE B25_20 M_Extended Band Edge_High_QPSK_FullRB



11. ANNEX A_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2506-FC056-P