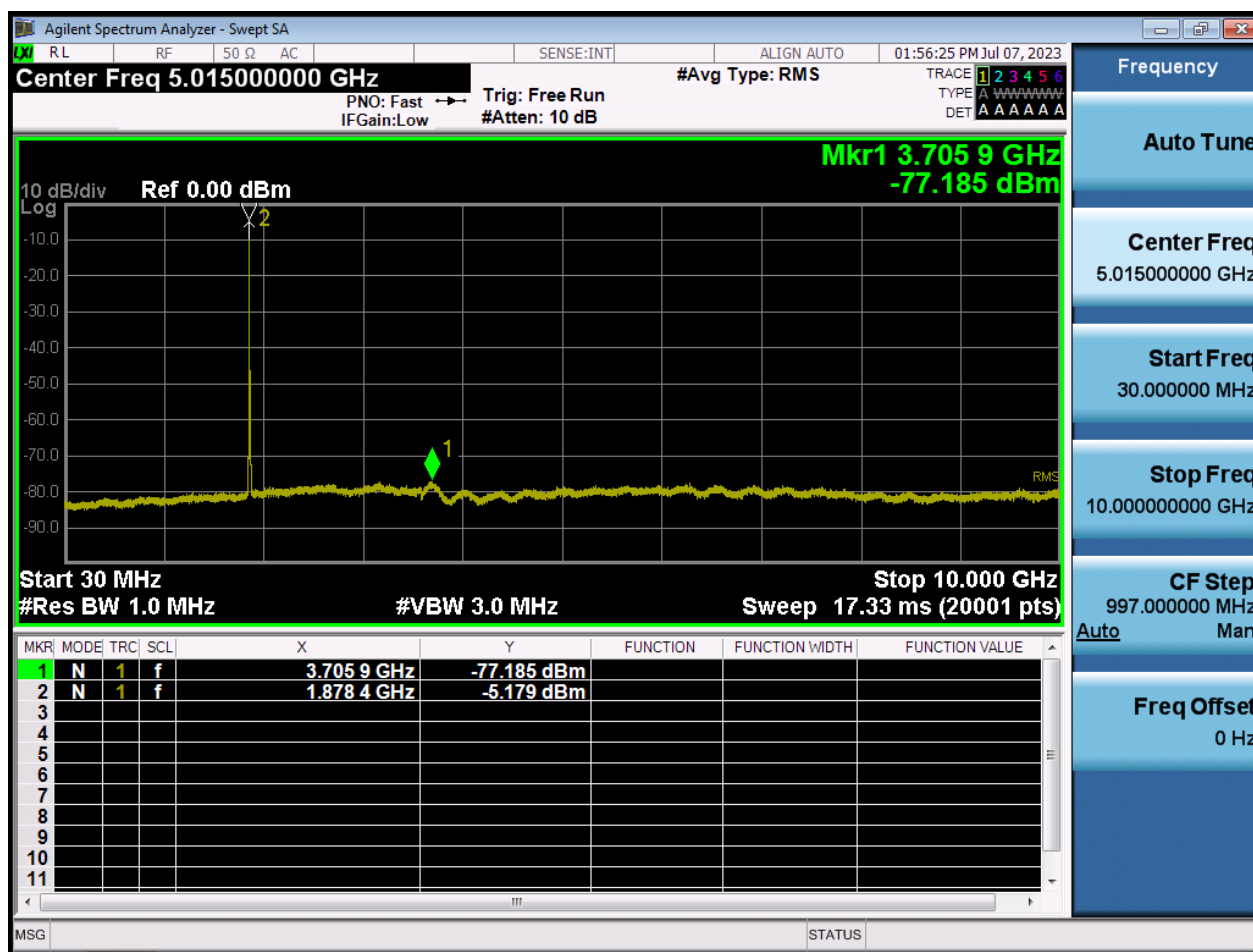
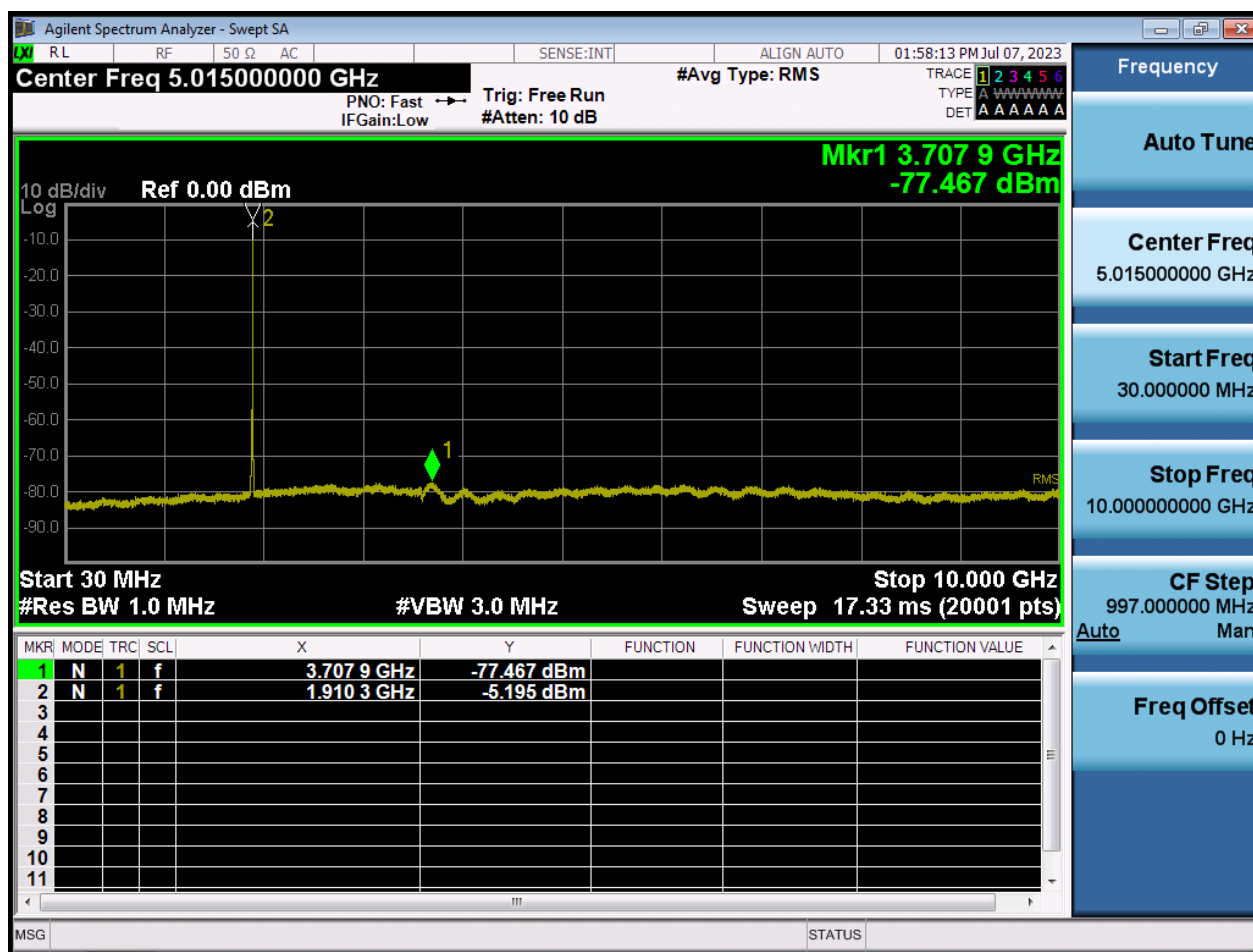


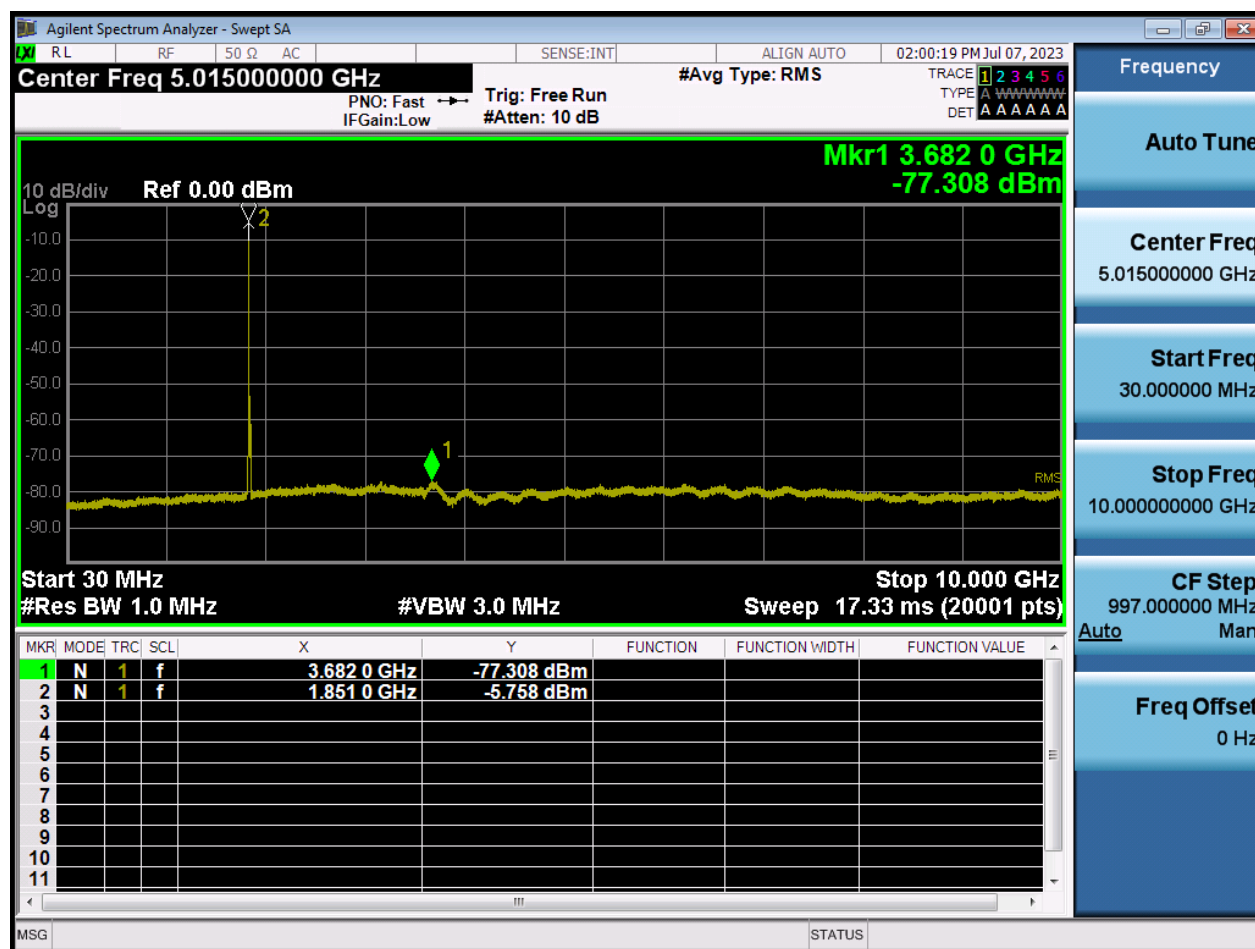
BW5 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



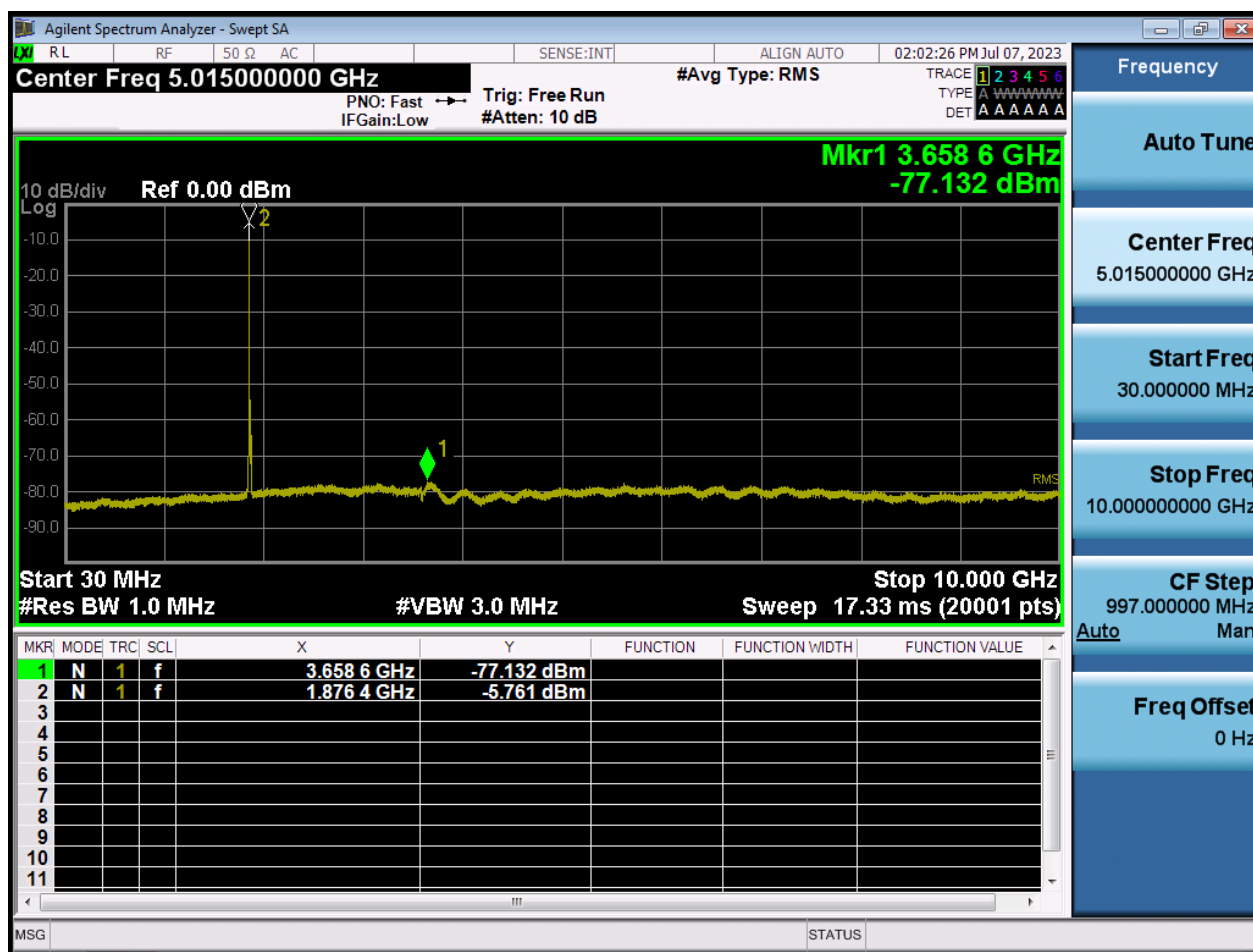
BW5 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



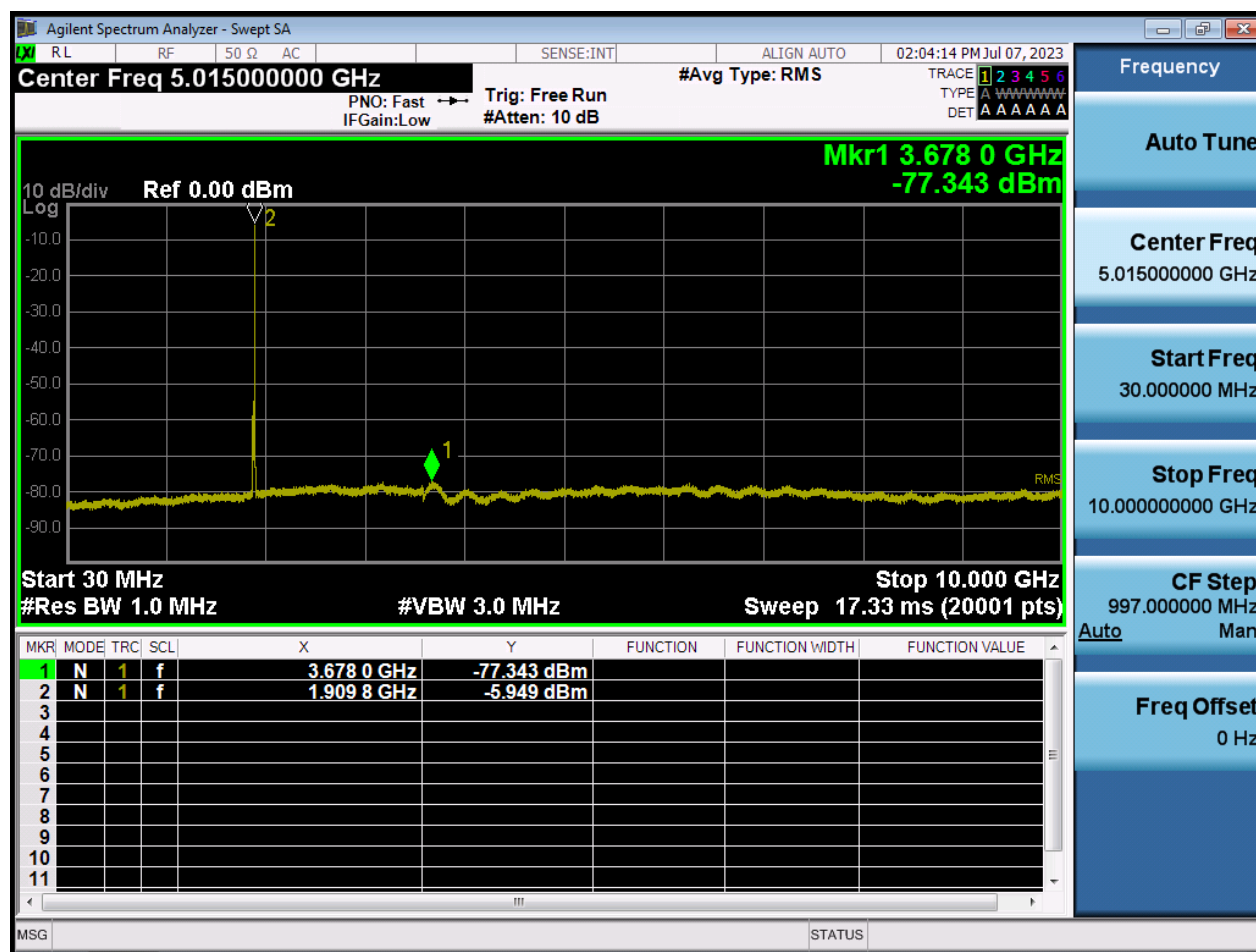
BW10 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



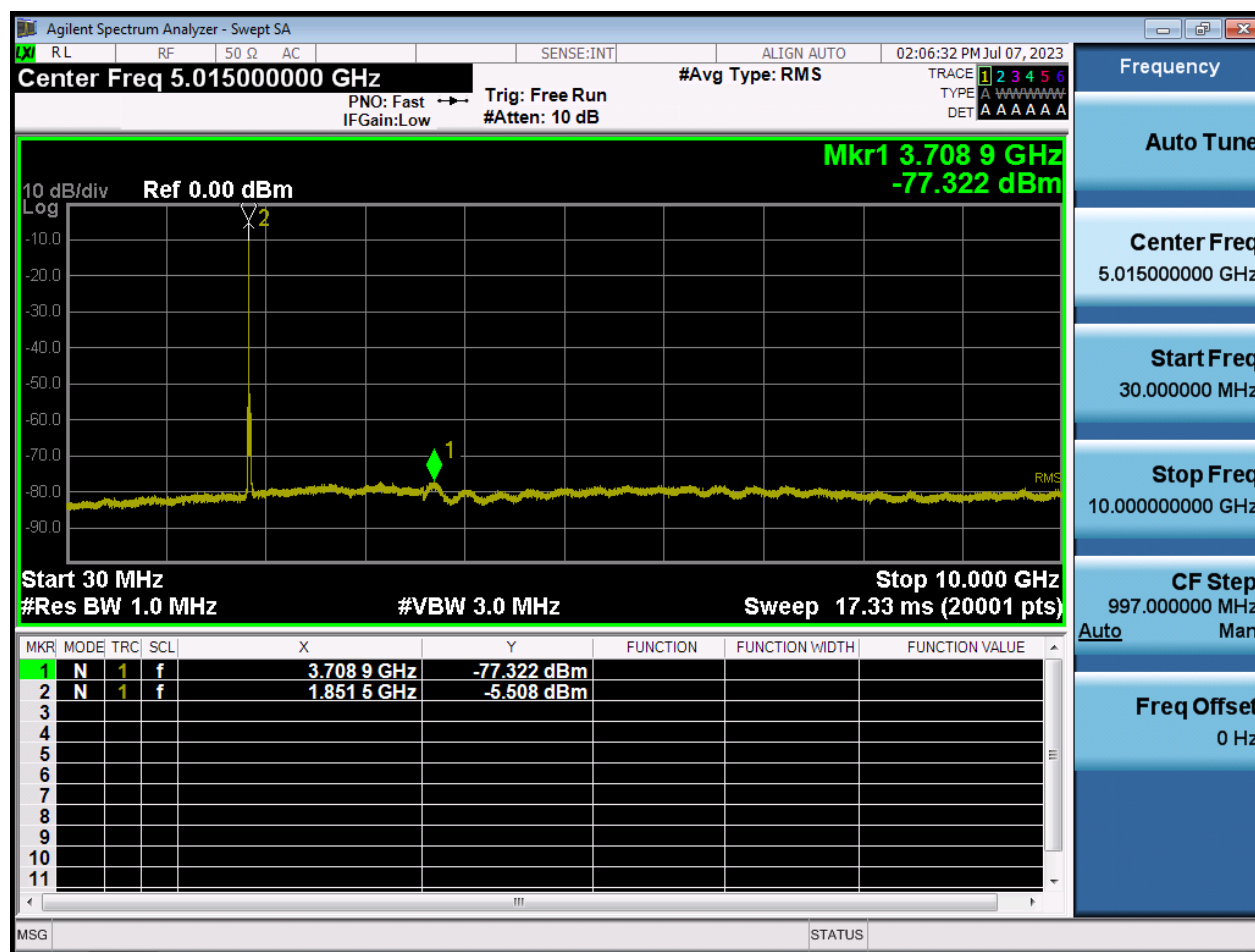
BW10 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



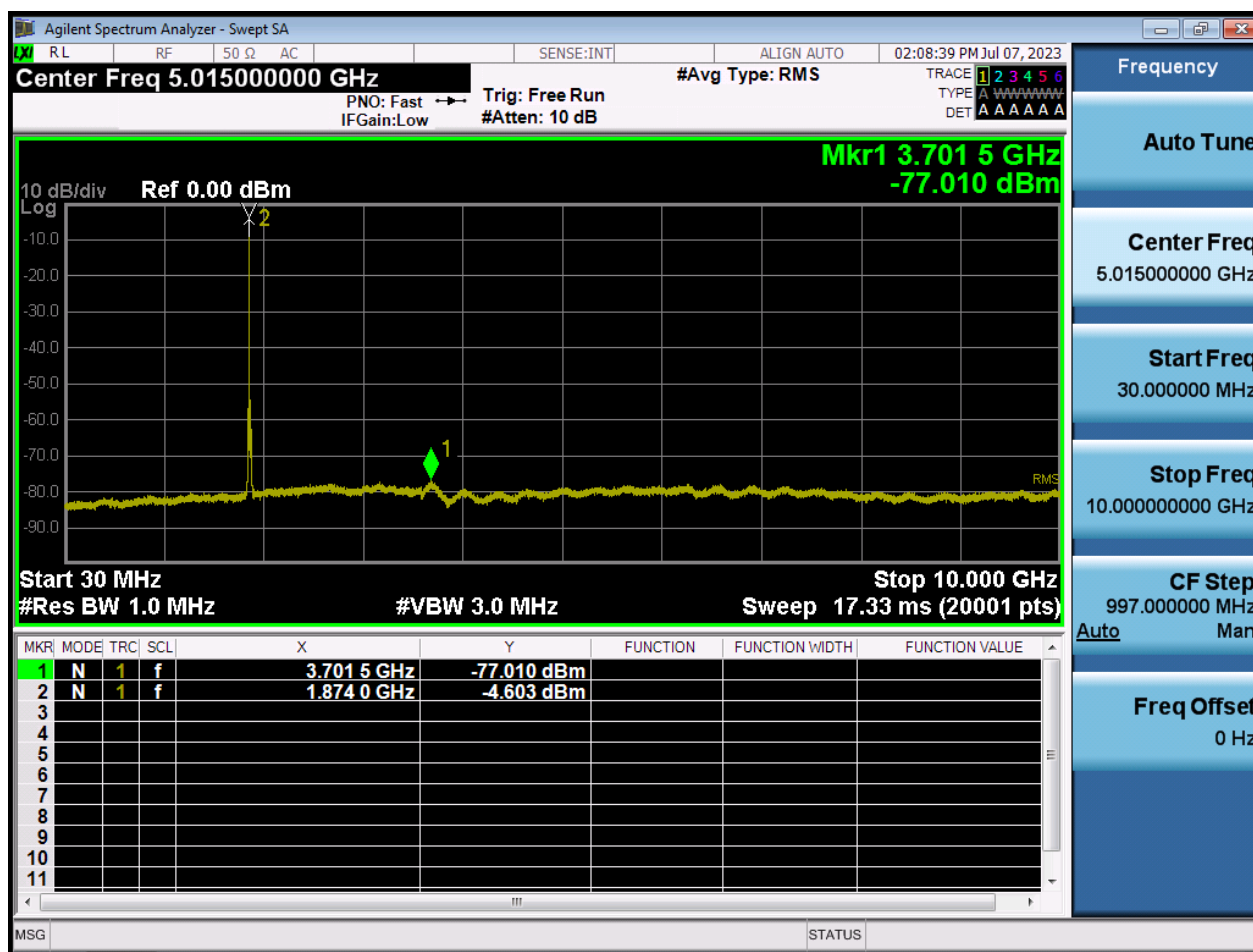
BW10 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



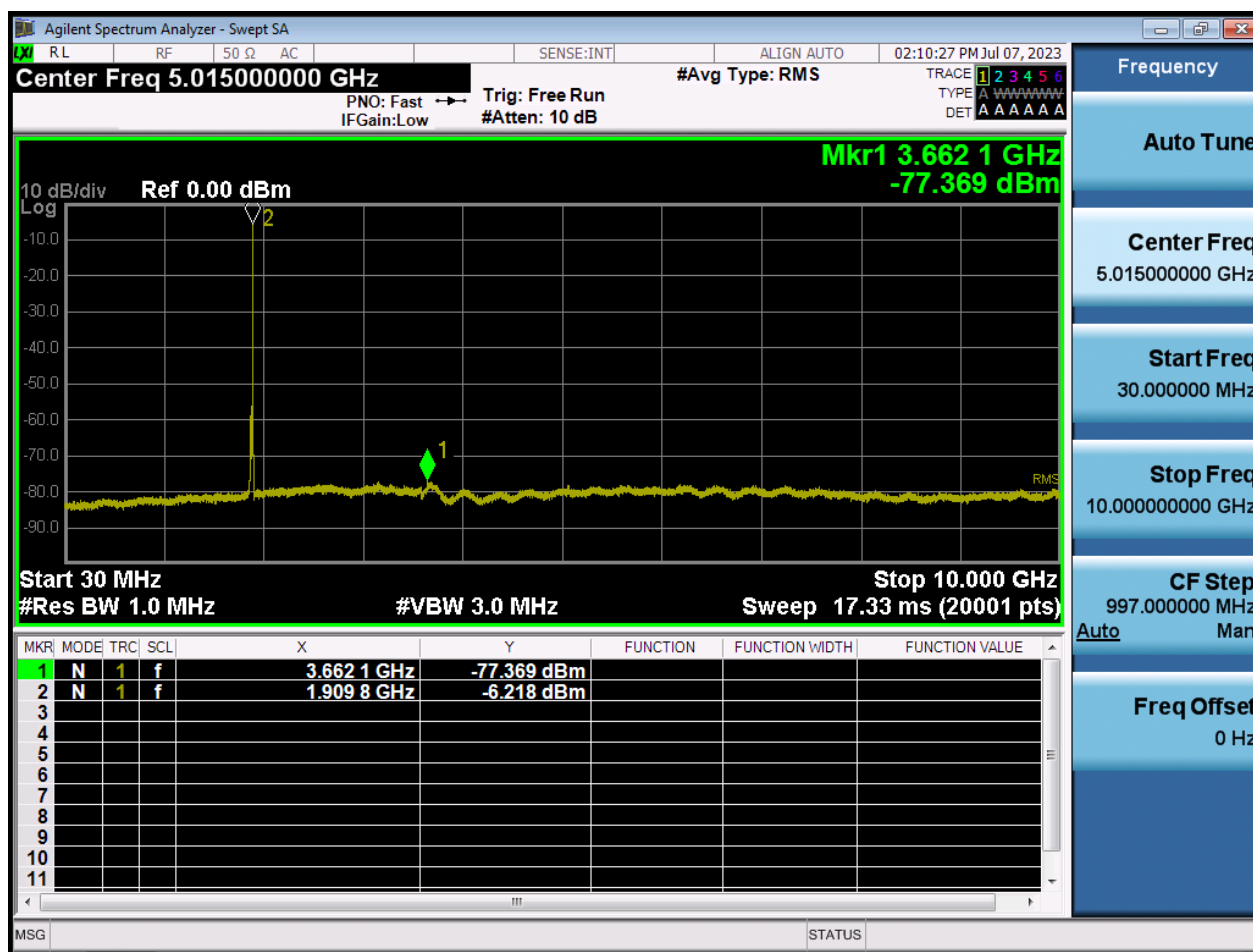
BW15 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



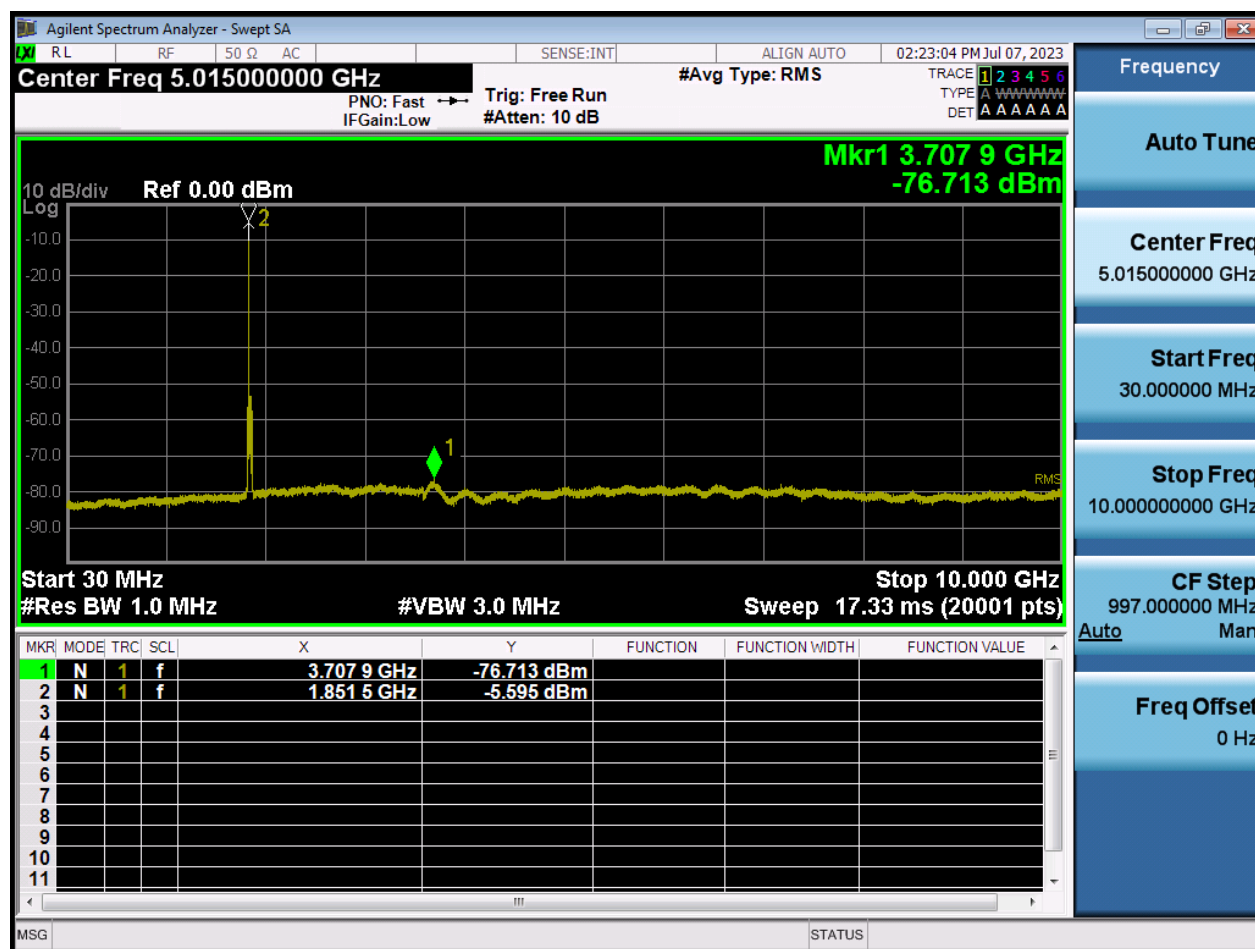
BW15 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



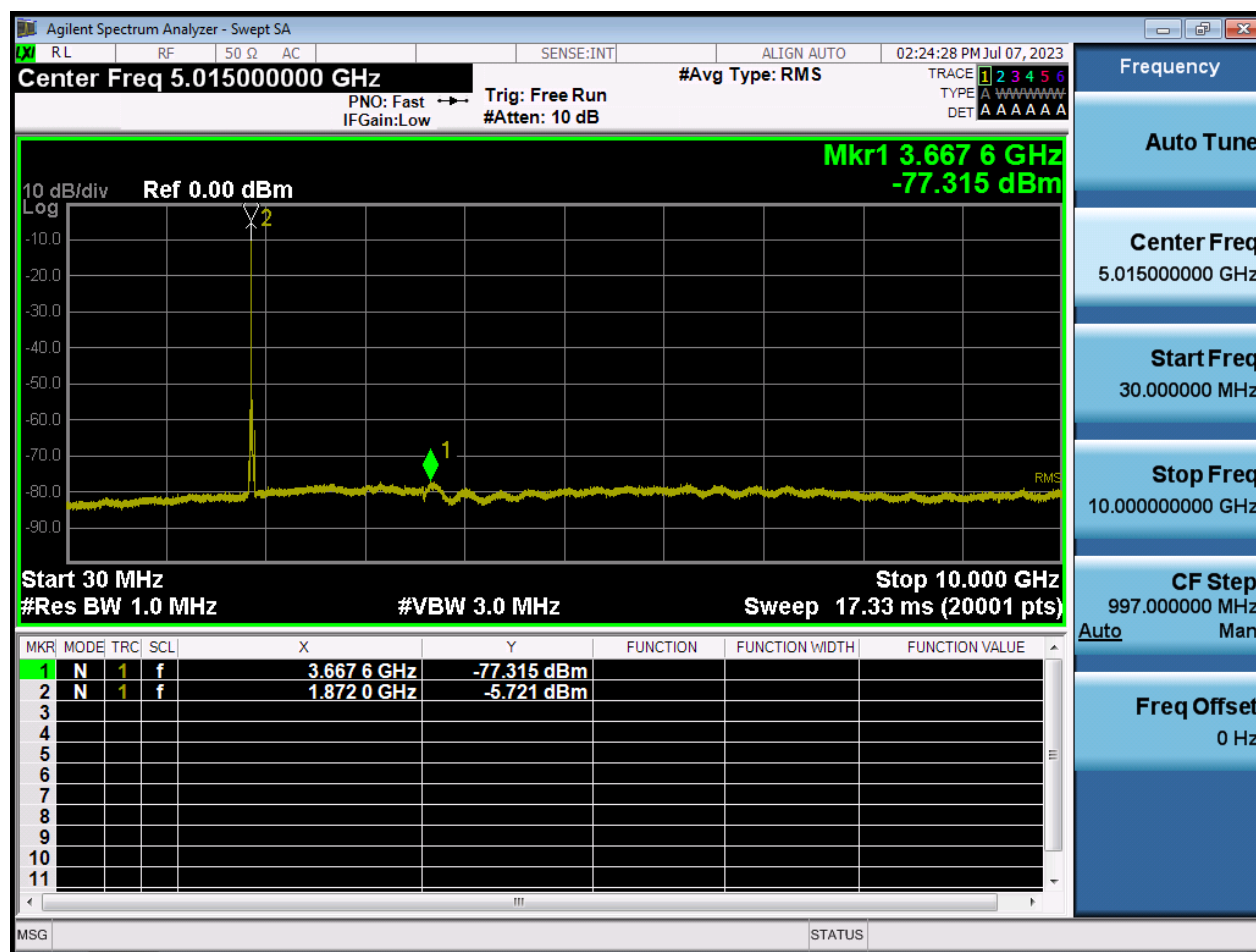
BW15 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



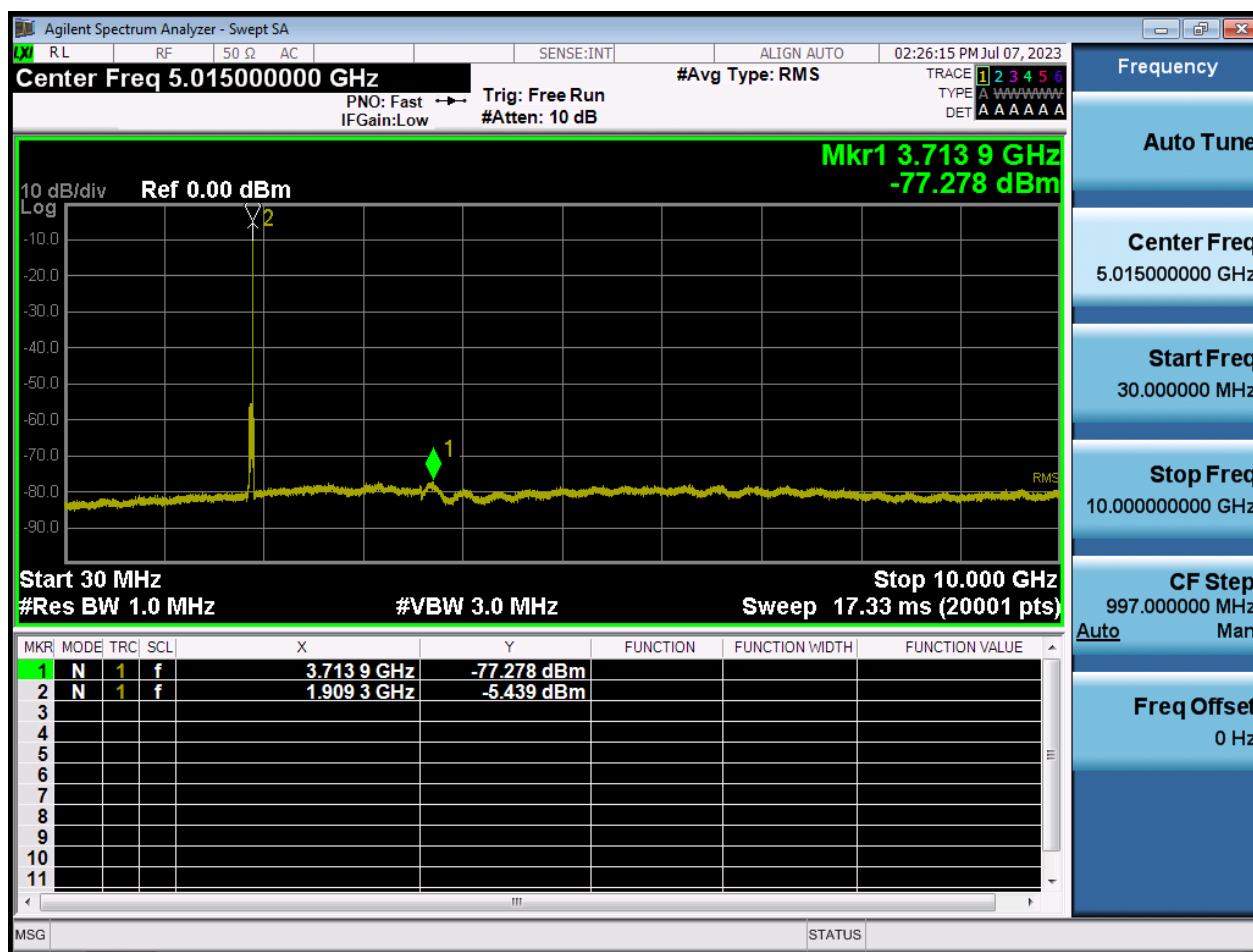
BW20 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



BW20 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



BW20 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



BW1.4 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



BW1.4 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



BW1.4 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



BW3 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



BW3 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



BW3 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



BW5 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



BW5 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



BW5 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



BW10 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



BW10 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



BW10 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



BW15 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



BW15 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



BW15 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



BW20 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



BW20 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



BW20 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



11. TEST PLOTS (Sub 2 Ant)

BW1.4 M_BandEdge_Lowest Channel_QPSK_FullRB(1)



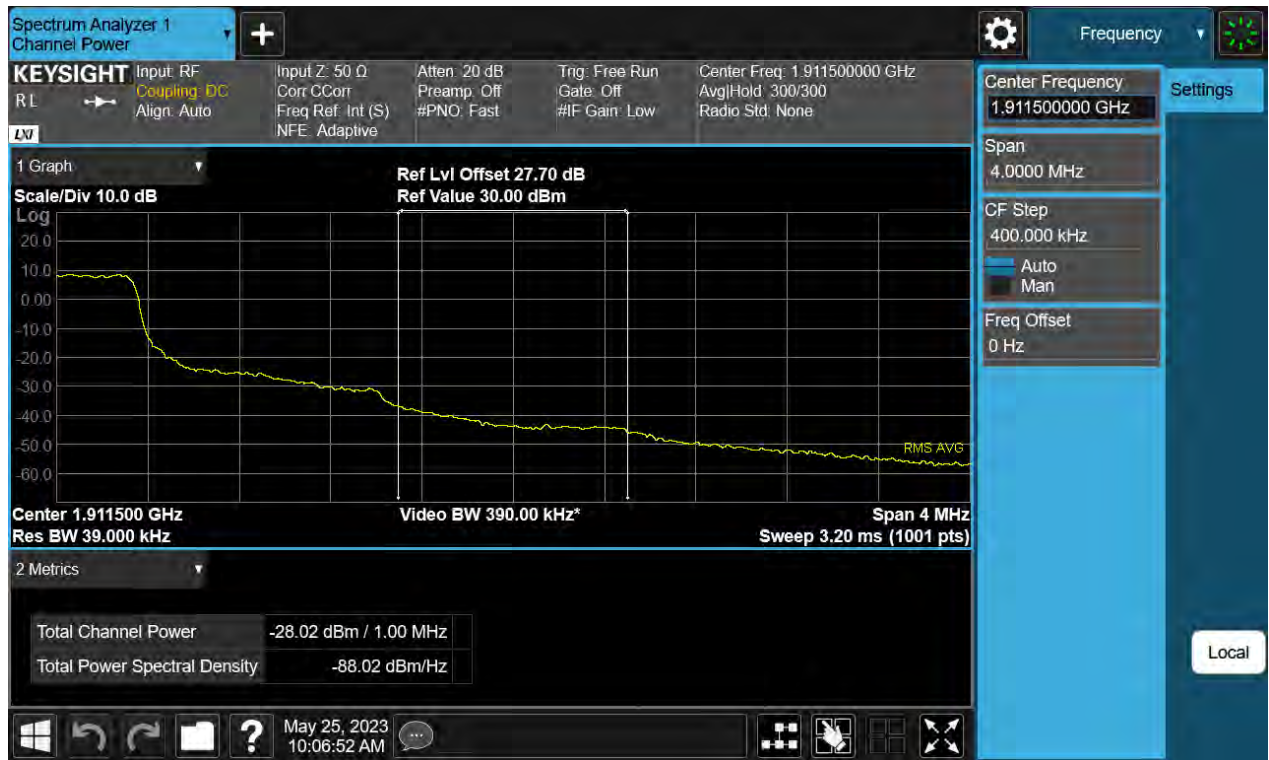
BW1.4 M_BandEdge_Lowest Channel_QPSK_FullRB(2)



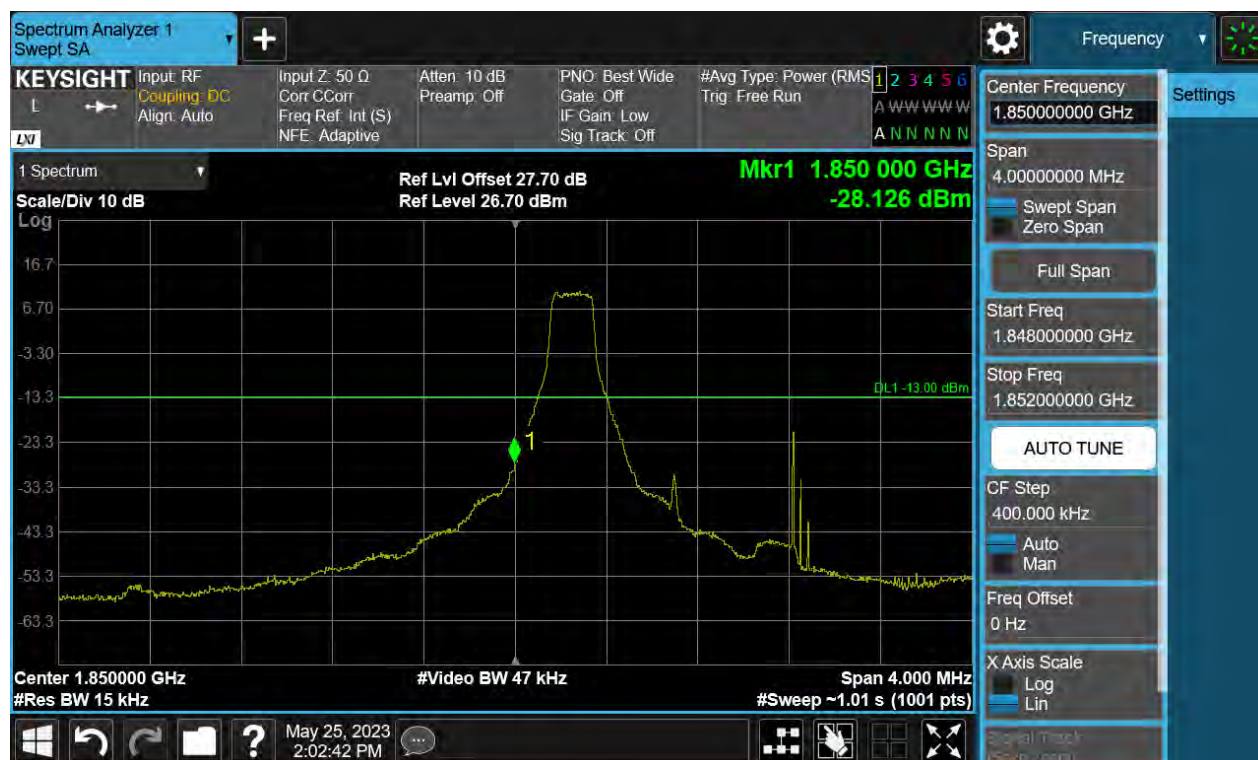
BW1.4 M_BandEdge_Highest Channel_QPSK_FullRB(1)



BW1.4 M_BandEdge_Highest Channel_QPSK_FullRB(2)



BW1.4 M_BandEdge_Lowest Channel_QPSK_1RB



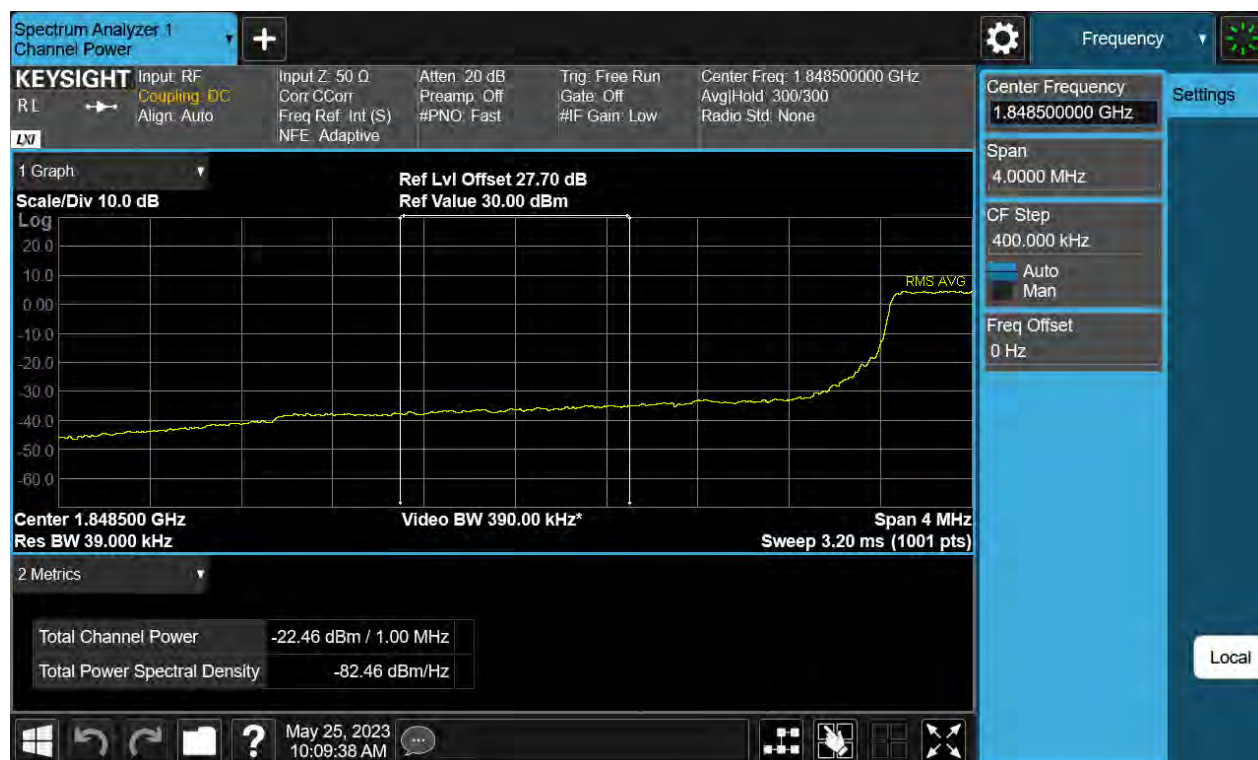
BW1.4 M_BandEdge_Highest Channel_QPSK_1RB



BW3 M_BandEdge_Lowest Channel_QPSK_FullIRB(1)

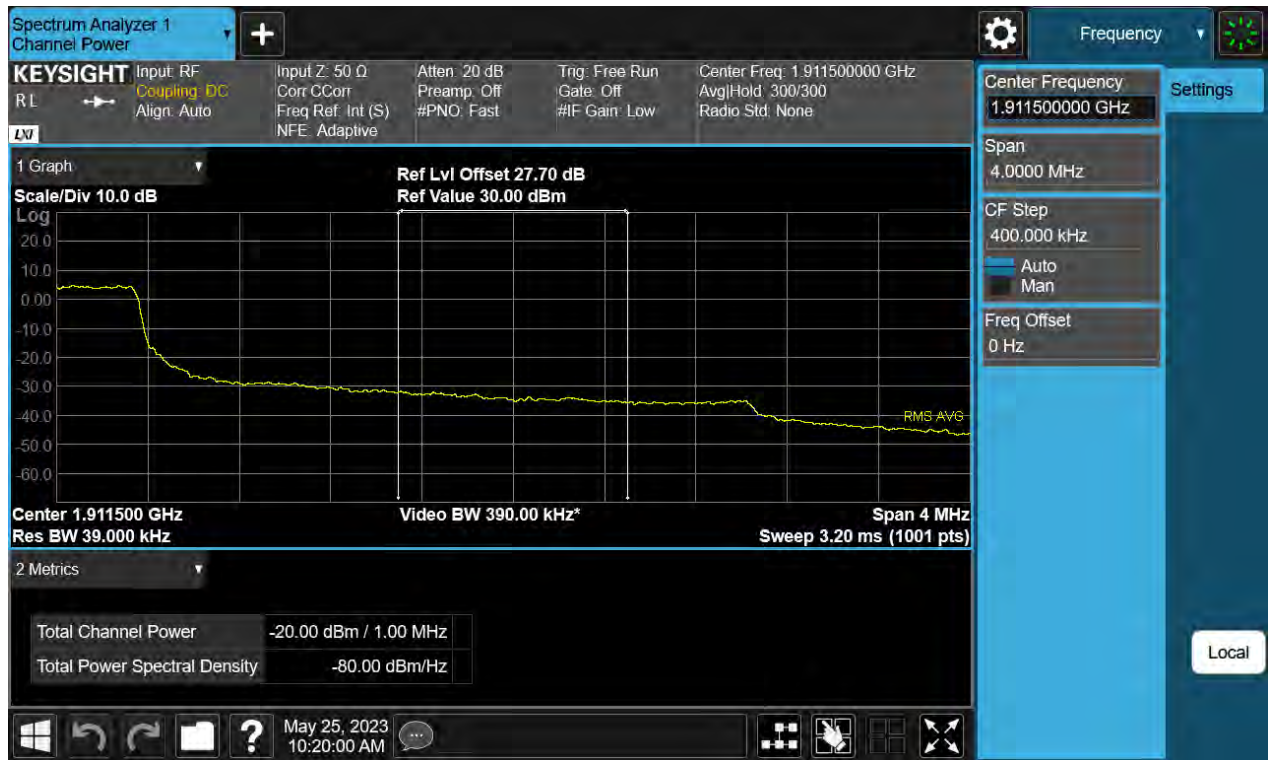


BW3 M_BandEdge_Lowest Channel_QPSK_FullIRB(2)





BW3 M_BandEdge_Highest Channel_QPSK_FullRB(2)



BW3 M_BandEdge_Lowest Channel_QPSK_1RB



BW3 M_BandEdge_Highest Channel_QPSK_1RB



Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF
RL 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

1 2 3 4 5 6
A W W W W W
A A A A A A

Center Frequency
1.85000000 GHz

Span
4.00000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
1.848000000 GHz

Stop Freq
1.852000000 GHz

AUTO TUNE

CF Step
400.000 kHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Local

1 Spectrum
Scale/Div 10 dB
Log

Ref Lvl Offset 27.70 dB
Ref Level 27.70 dBm

Mkr1 1.850 000 GHz
-24.605 dBm

RMS

DL1 -13.00 dBm

Center 1.850000 GHz
#Res BW 51 kHz

#Video BW 160 kHz

Span 4.000 MHz
#Sweep ~1.01 s (1001 pts)

May 25, 2023
11:32:33 AM

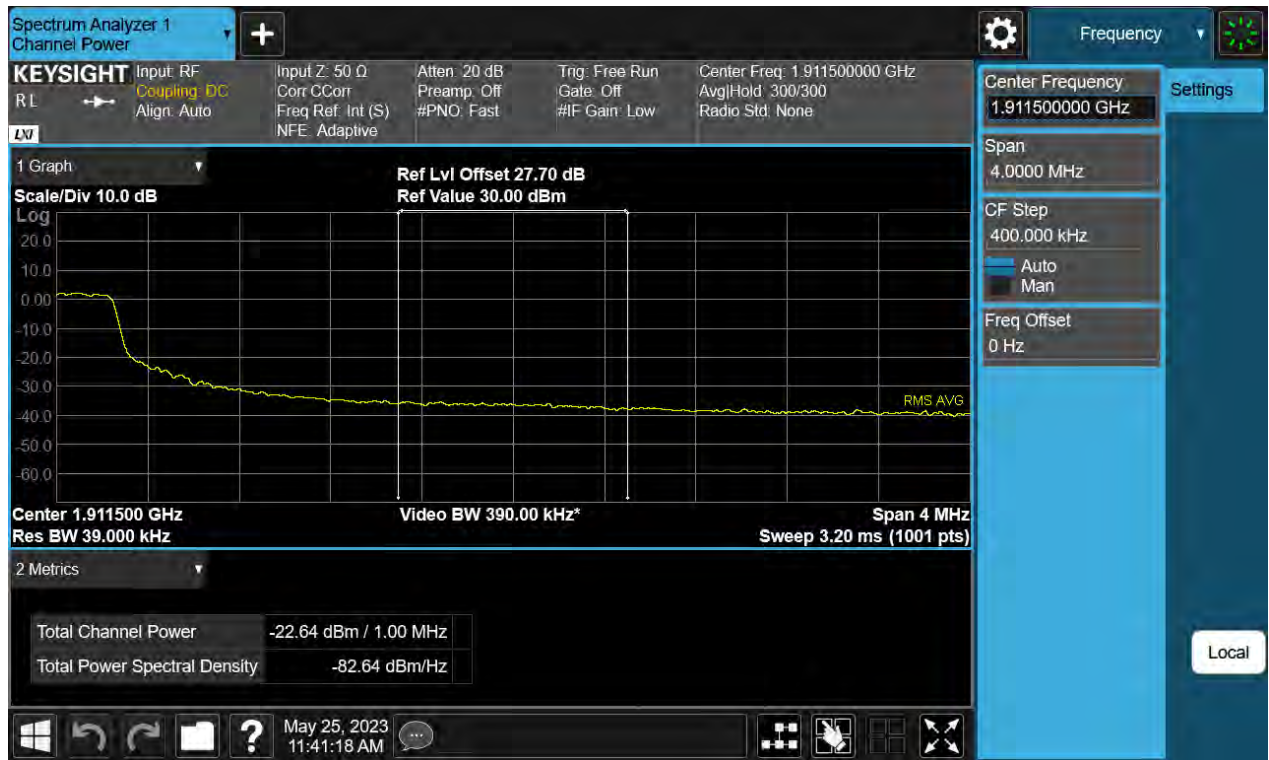
BW5 M_BandEdge_Lowest Channel_QPSK_FullIRB(2)



BW5 M_BandEdge_Highest Channel_QPSK_FullIRB(1)



BW5 M_BandEdge_Highest Channel_QPSK_FullRB(2)



BW5 M_BandEdge_Lowest Channel_QPSK_1RB



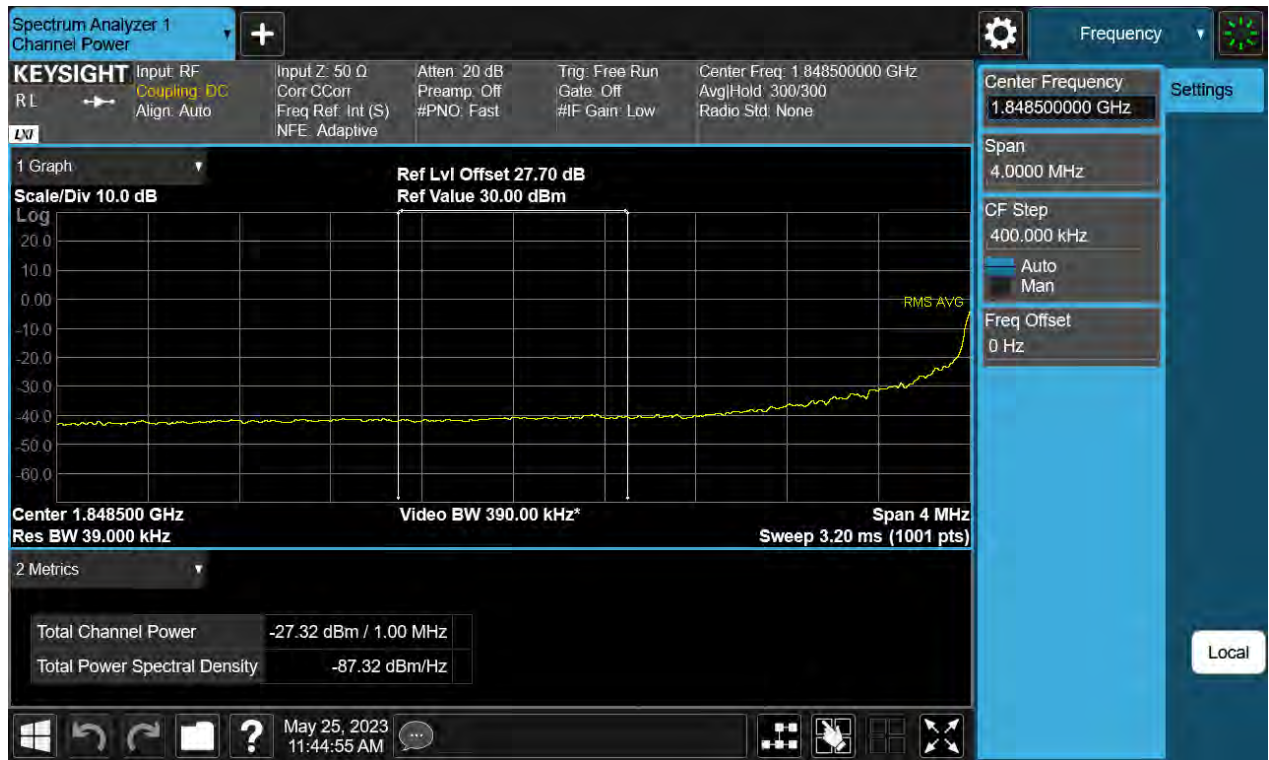
BW5 M_BandEdge_Highest Channel_QPSK_1RB



BW10 M_BandEdge_Lowest Channel_QPSK_FullIRB(1)



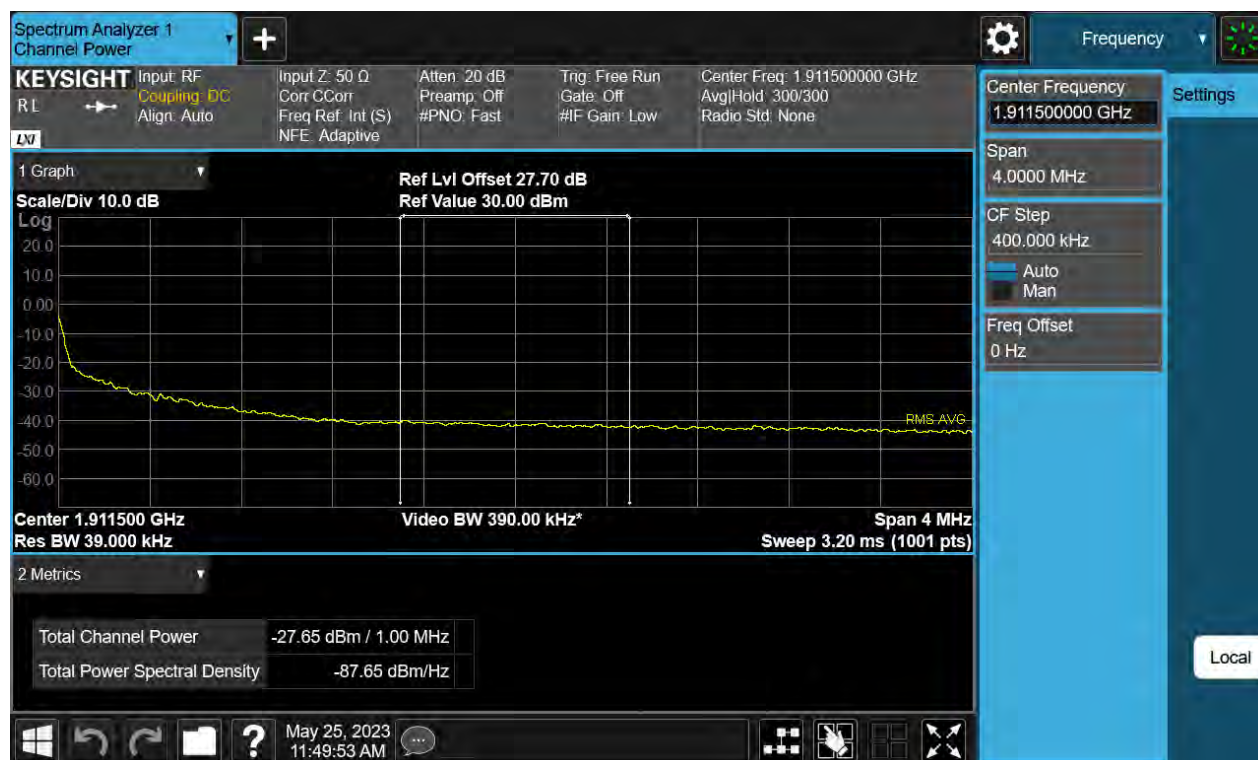
BW10 M_BandEdge_Lowest Channel_QPSK_FullRB(2)



BW10 M_BandEdge_Highest Channel_QPSK_FullRB(1)



BW10 M_BandEdge_Highest Channel_QPSK_FullRB(2)



BW10 M_BandEdge_Lowest Channel_QPSK_1RB



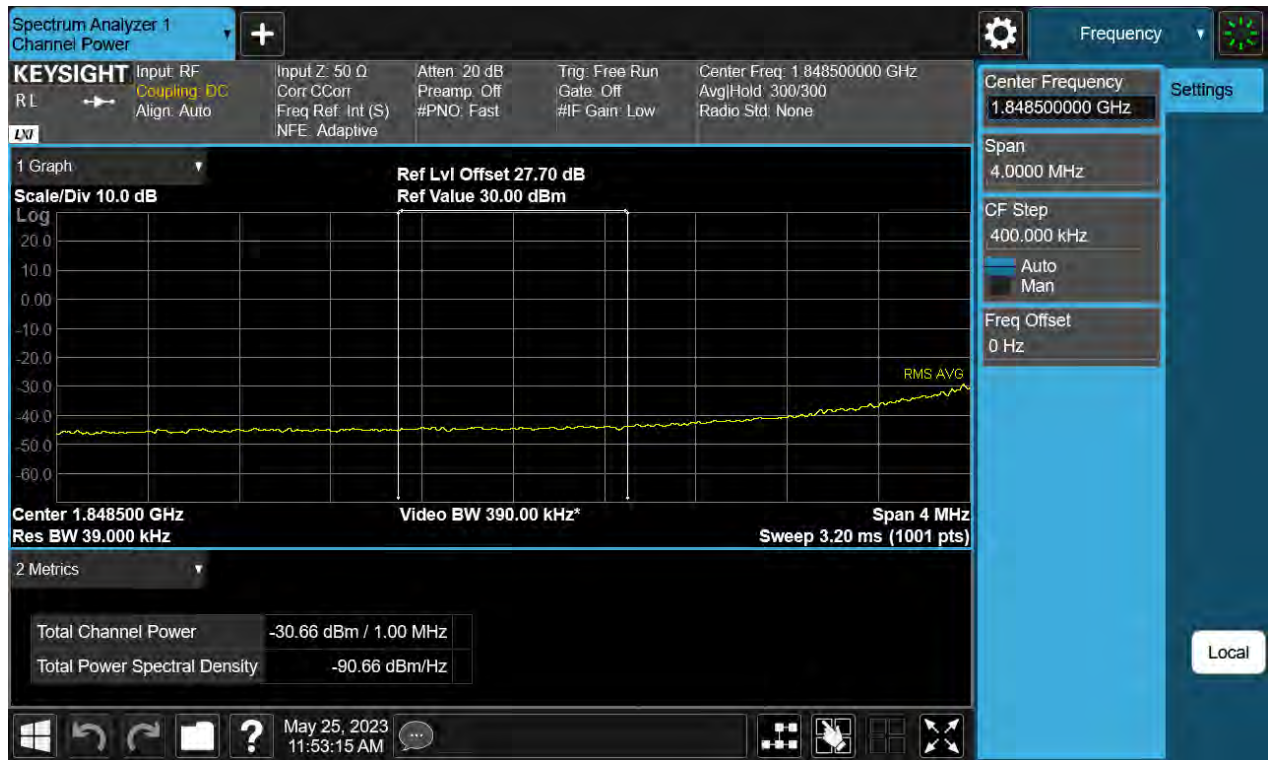
BW10 M_BandEdge_Highest Channel_QPSK_1RB



BW15 M_BandEdge_Lowest Channel_QPSK_FullIRB(1)



BW15 M_BandEdge_Lowest Channel_QPSK_FullRB(2)



BW15 M_BandEdge_Highest Channel_QPSK_FullRB(1)



BW15 M_BandEdge_Highest Channel_QPSK_FullRB(2)



BW15 M_BandEdge_Lowest Channel_QPSK_1RB



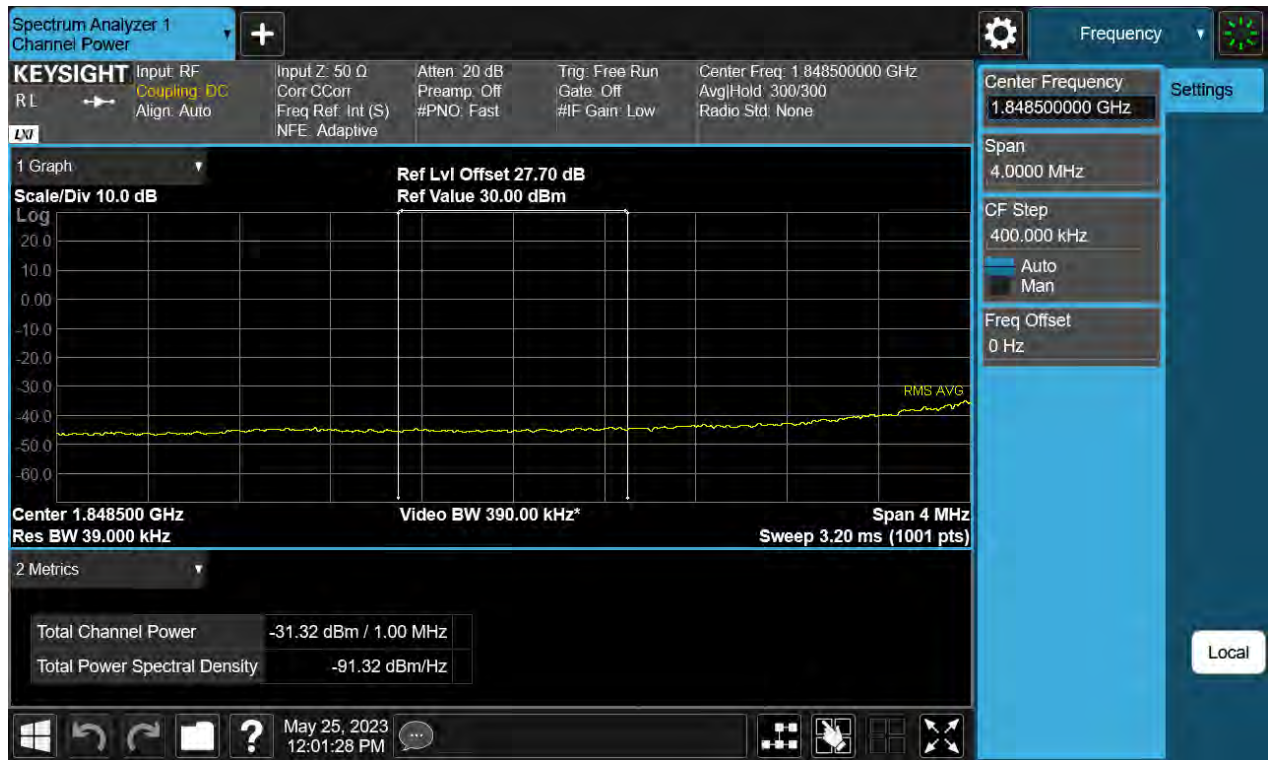
BW15 M_BandEdge_Highest Channel_QPSK_1RB



BW20 M_BandEdge_Lowest Channel_QPSK_FullIRB(1)



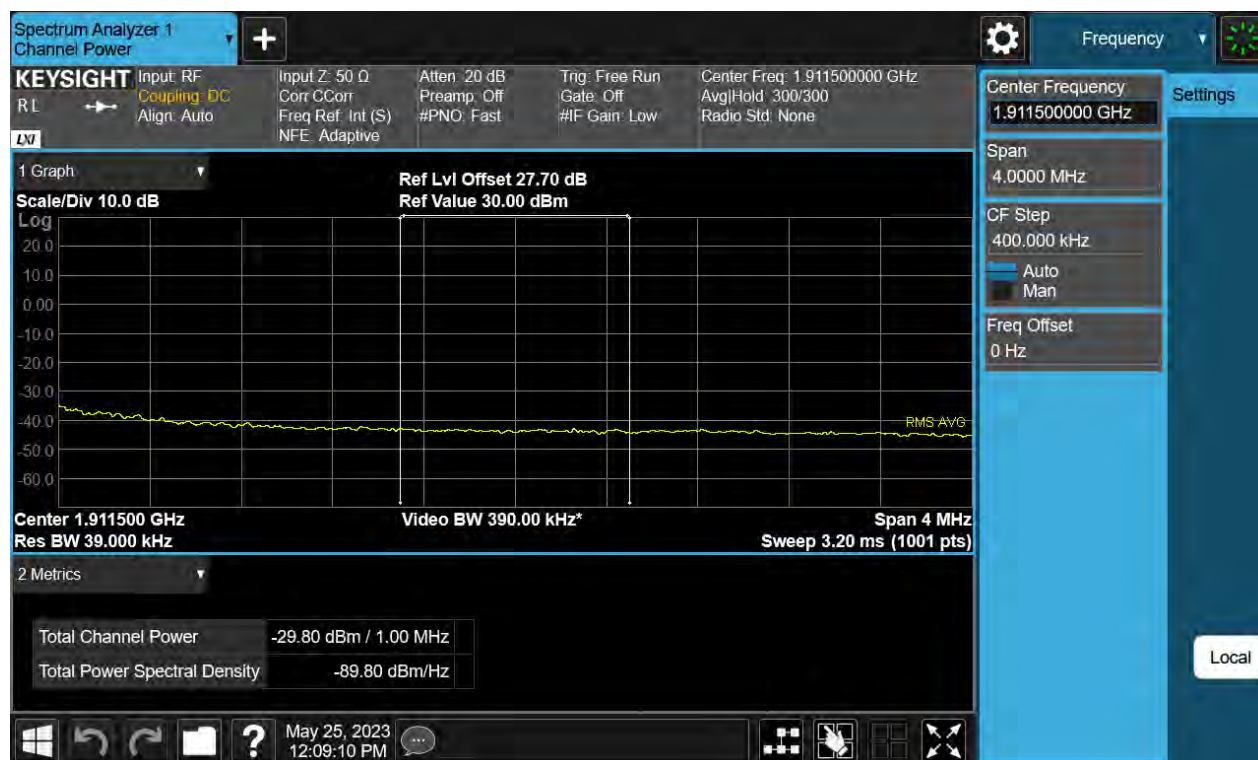
BW20 M_BandEdge_Lowest Channel_QPSK_FullRB(2)



BW20 M_BandEdge_Highest Channel_QPSK_FullRB(1)



BW20 M_BandEdge_Highest Channel_QPSK_FullRB(2)



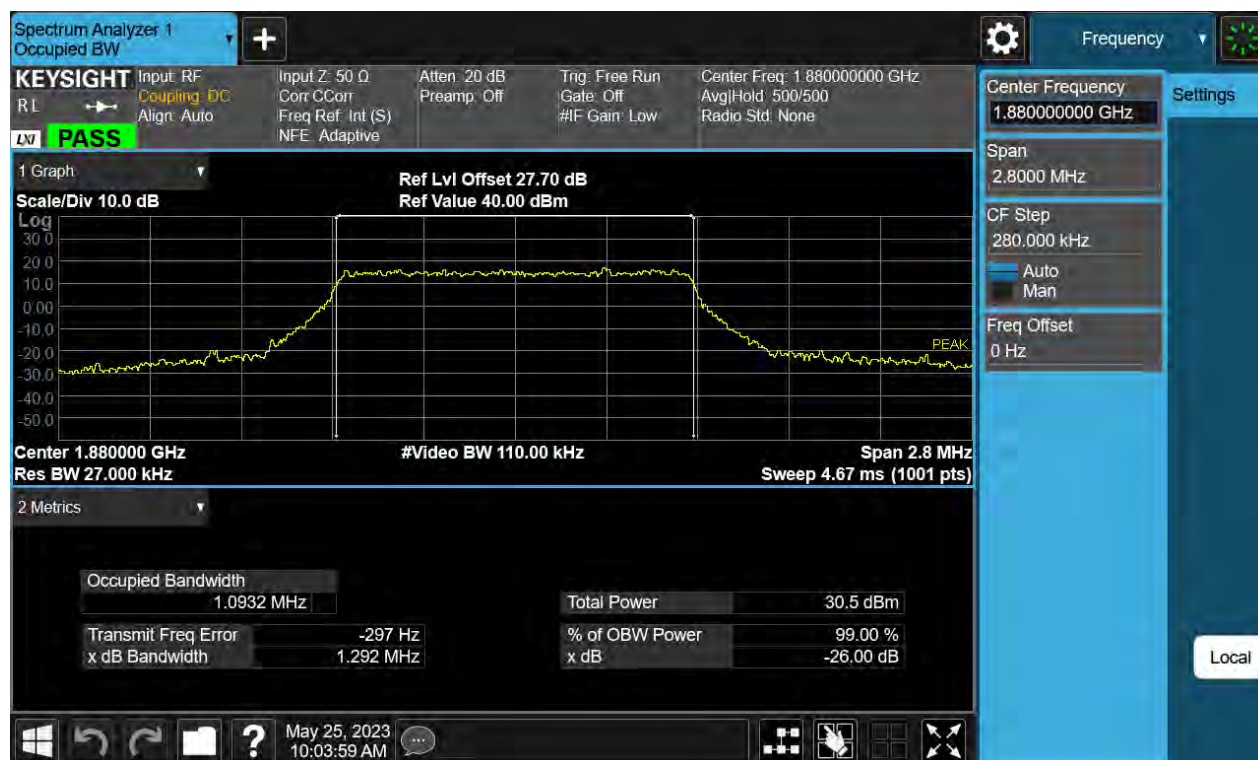
BW20 M_BandEdge_Lowest Channel_QPSK_1RB



BW20 M_BandEdge_Highest Channel_QPSK_1RB



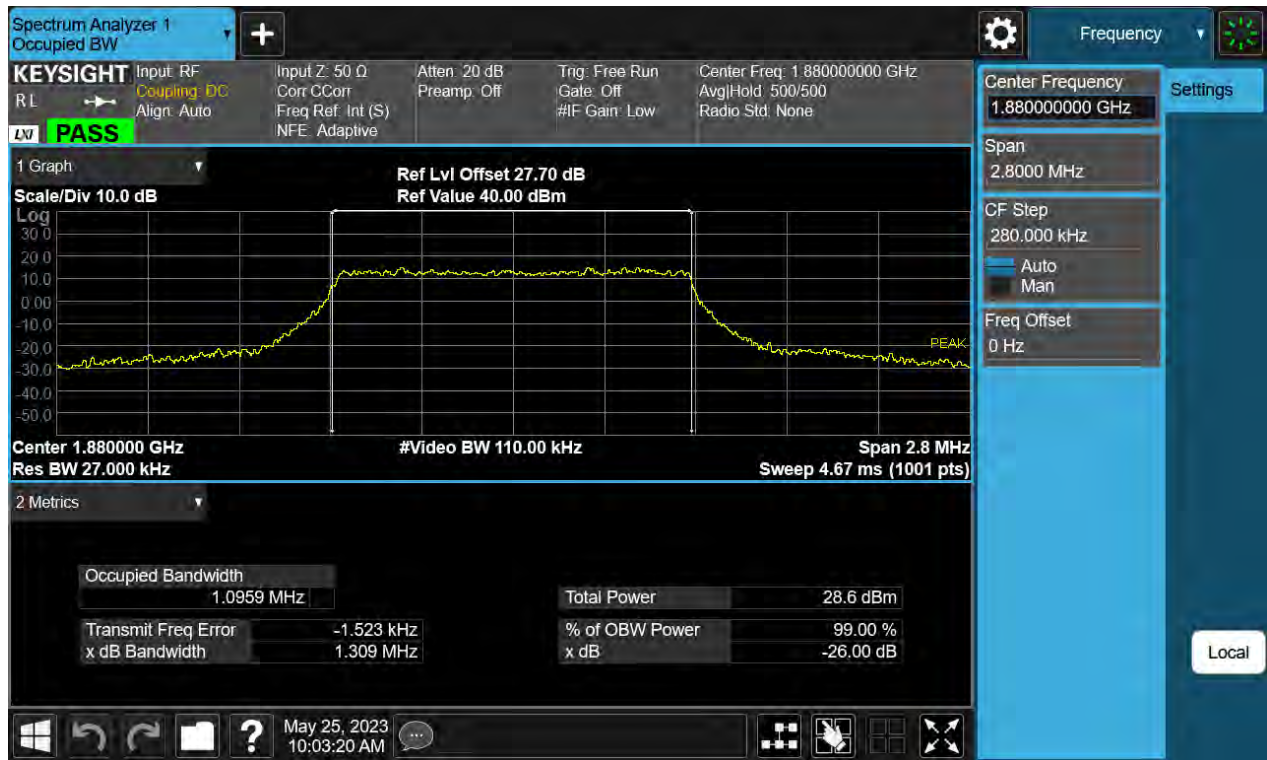
BW1.4 M_OBW_Middle Channel_QPSK_FullRB



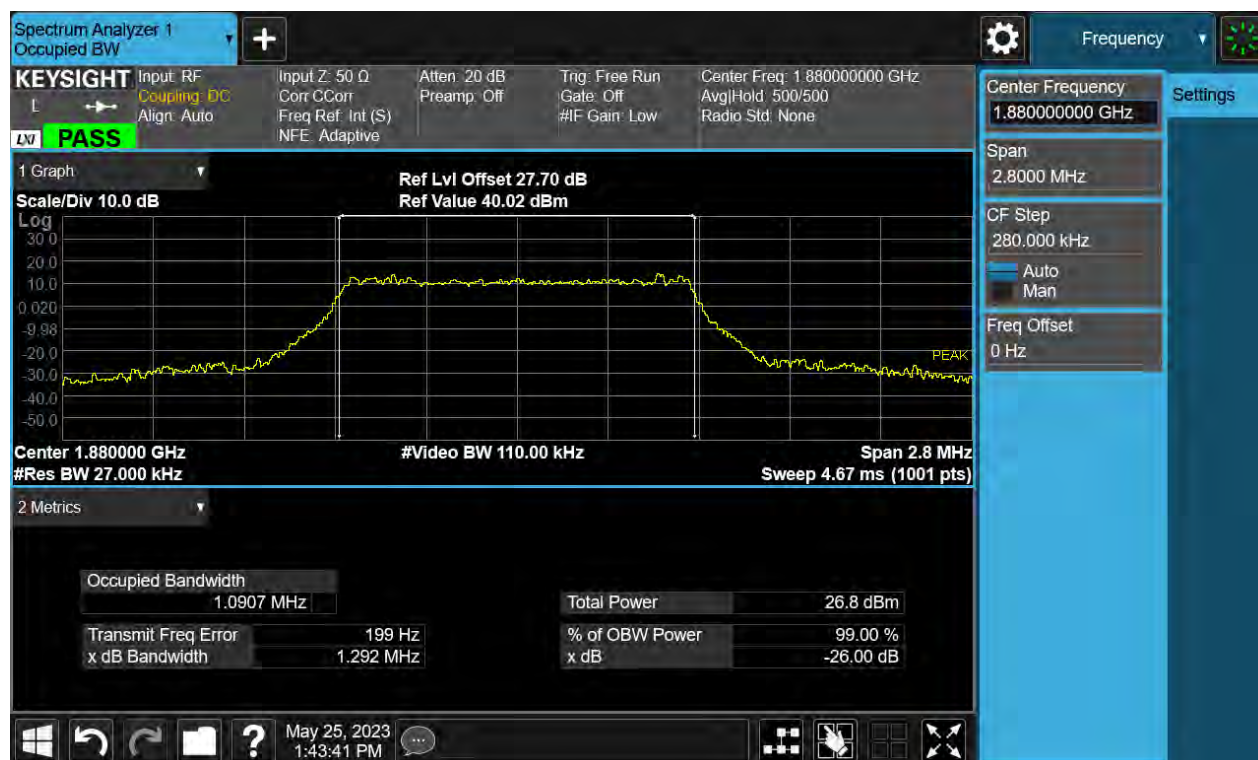
BW1.4 M_OBW_Middle Channel_16QAM_FullIRB



BW1.4 M_OBW_Middle Channel_64QAM_FullIRB



BW1.4 M_OBW_Middle Channel_256QAM_FullRB



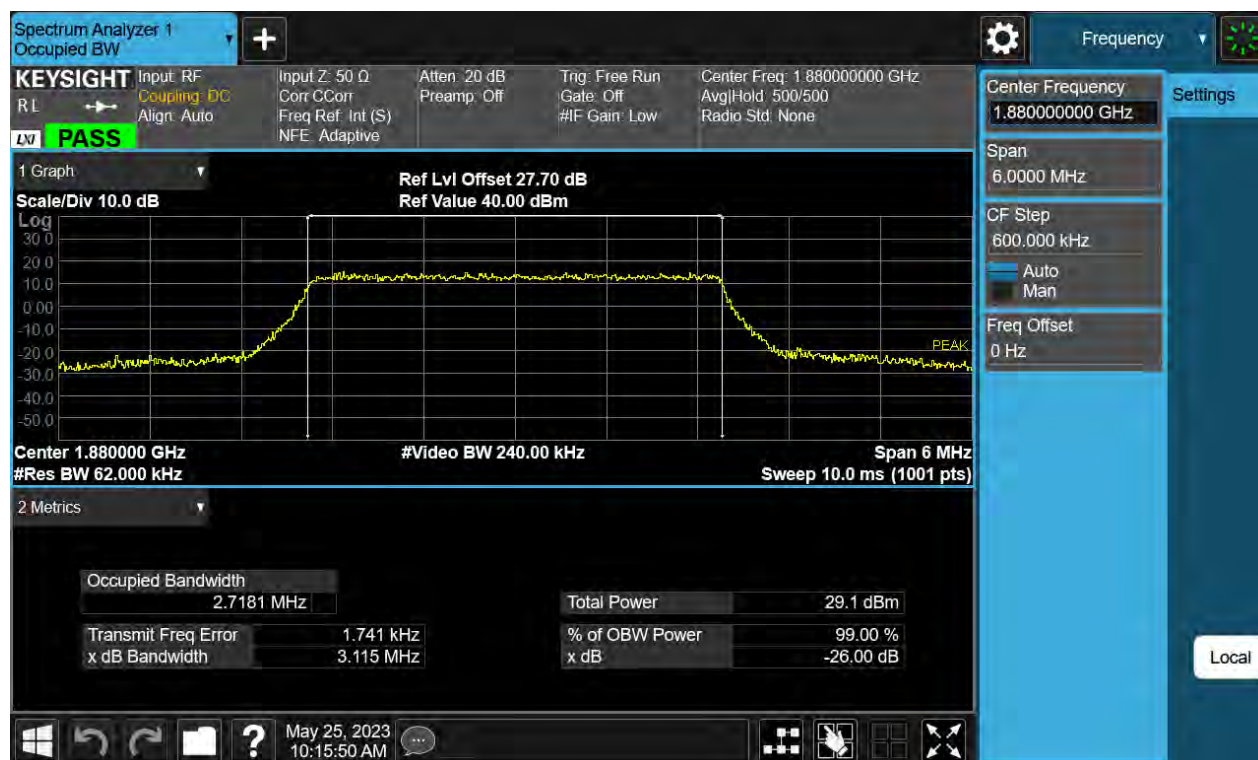
BW3 M_OBW_Middle Channel_QPSK_FullIRB



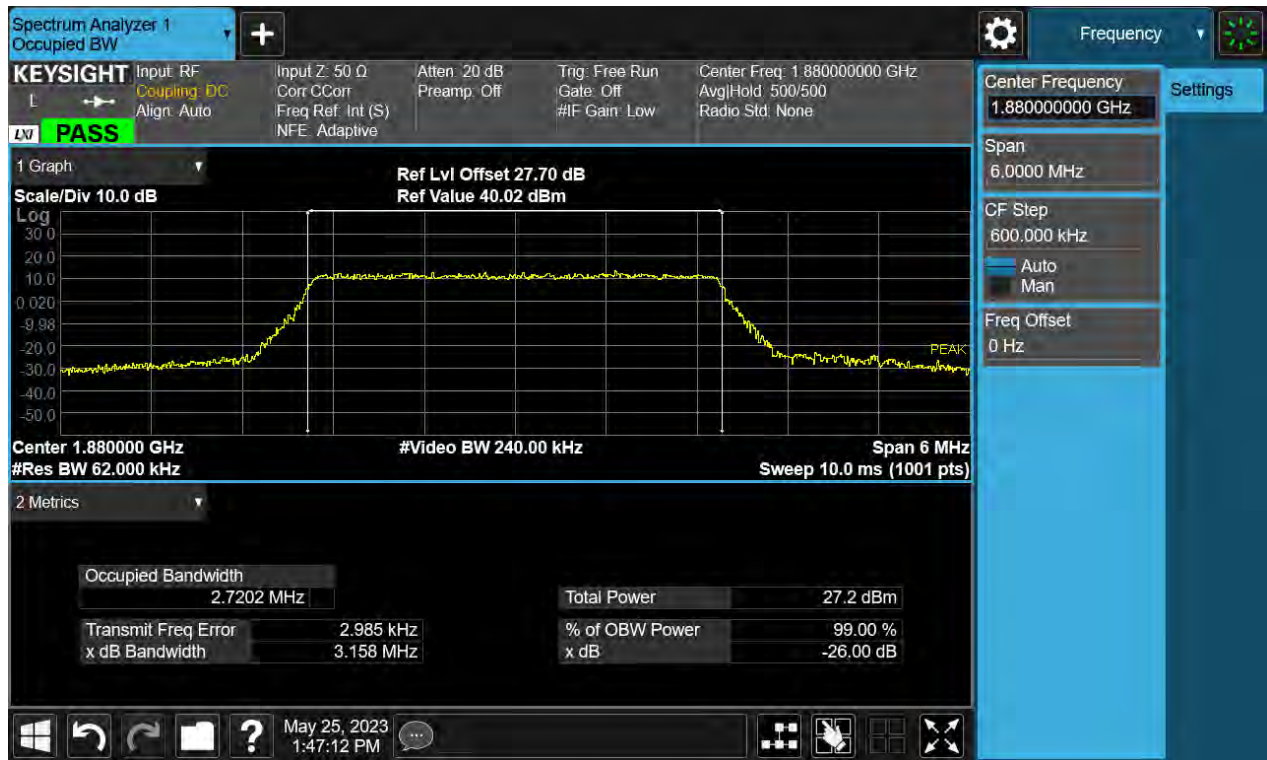
BW3 M_OBW_Middle Channel_16QAM_FullRB



BW3 M_OBW_Middle Channel_64QAM_FullRB



BW3 M_OBW_Middle Channel_256QAM_FullIRB



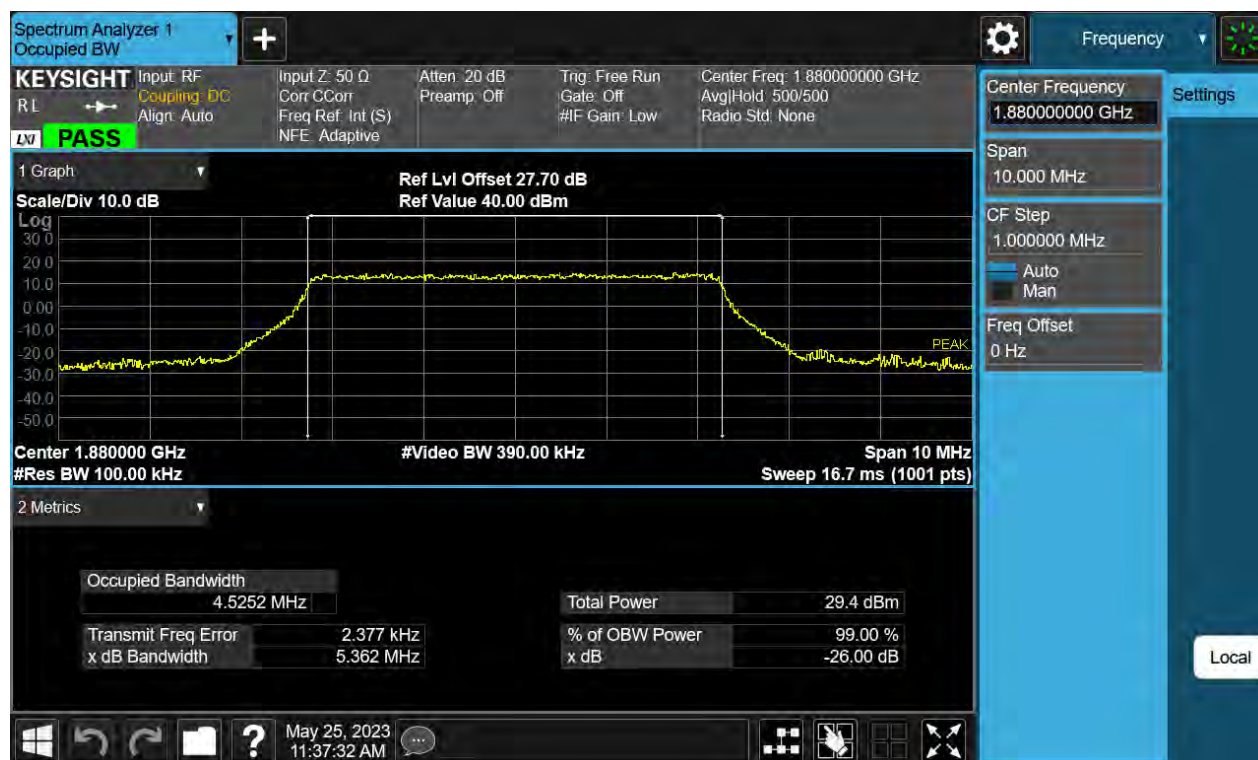
BW5 M_OBW_Middle Channel_QPSK_FullIRB



BW5 M_OBW_Middle Channel_16QAM_FullIRB



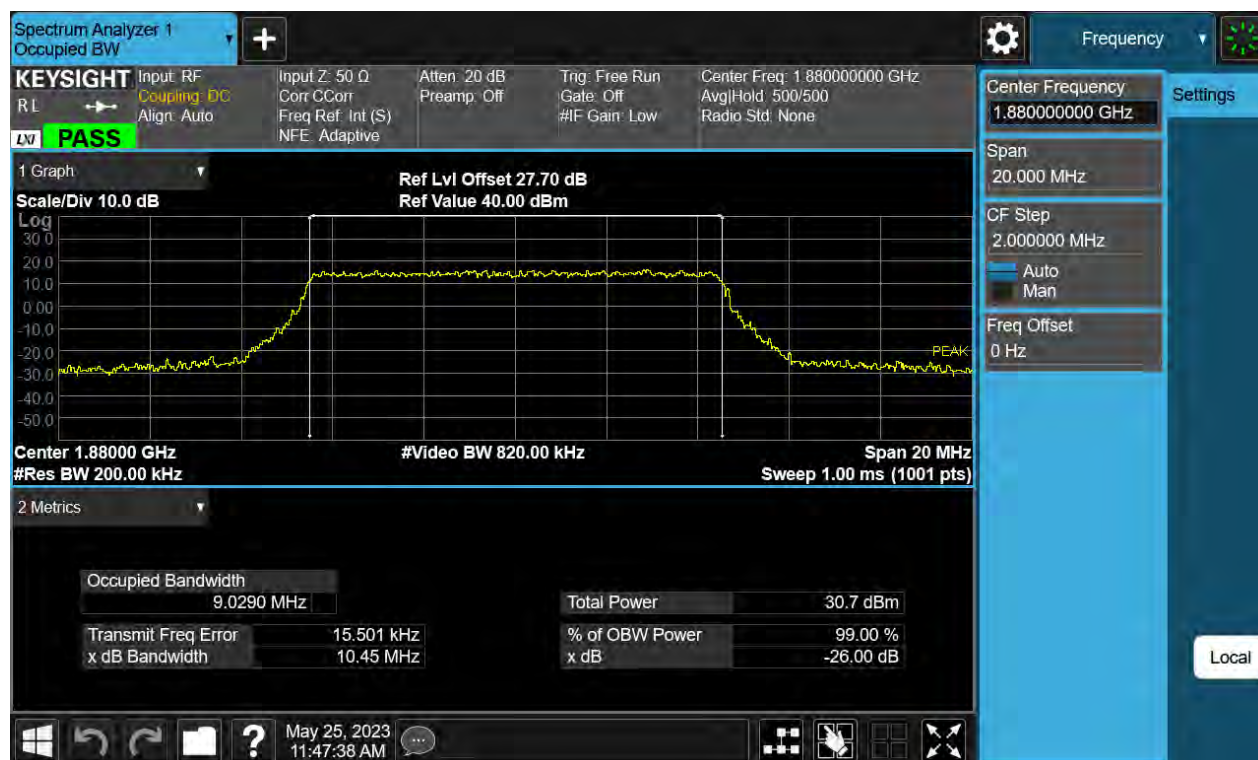
BW5 M_OBW_Middle Channel_64QAM_FullRB



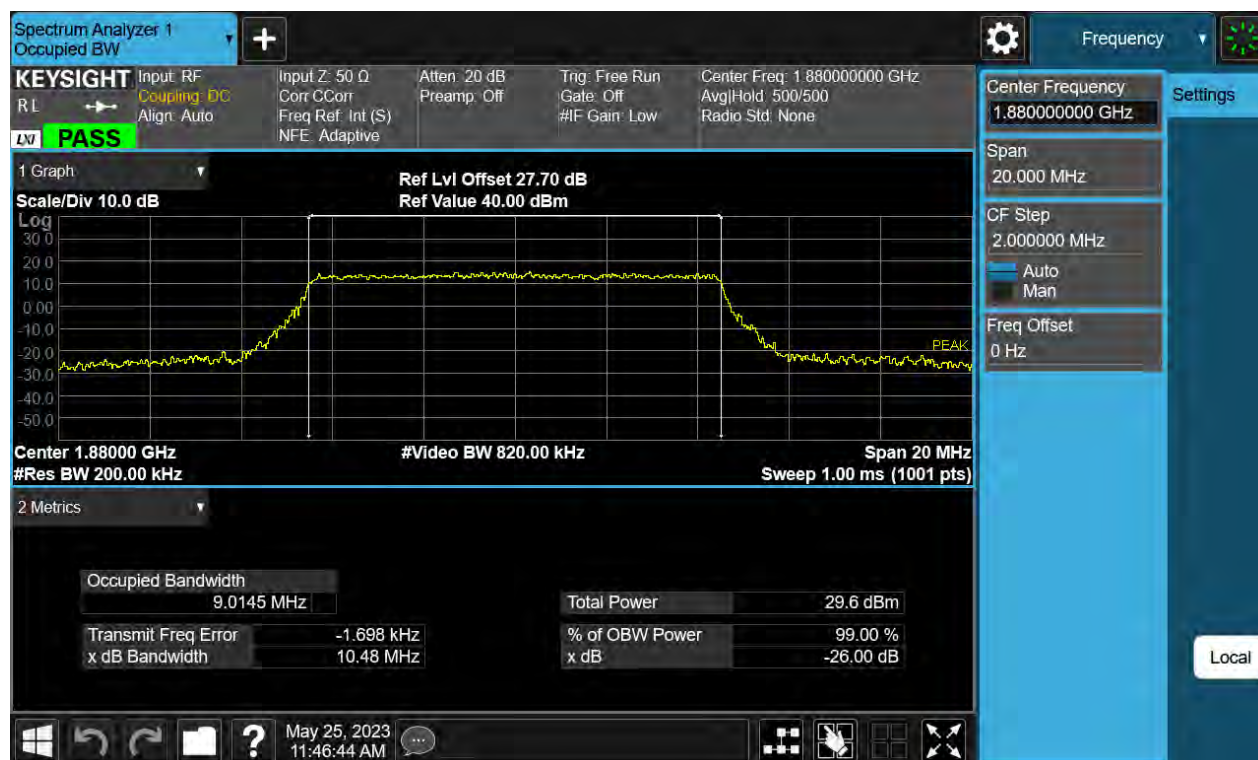
BW5 M_OBW_Middle Channel_256QAM_FullIRB



BW10 M_OBW_Middle Channel_QPSK_FullRB



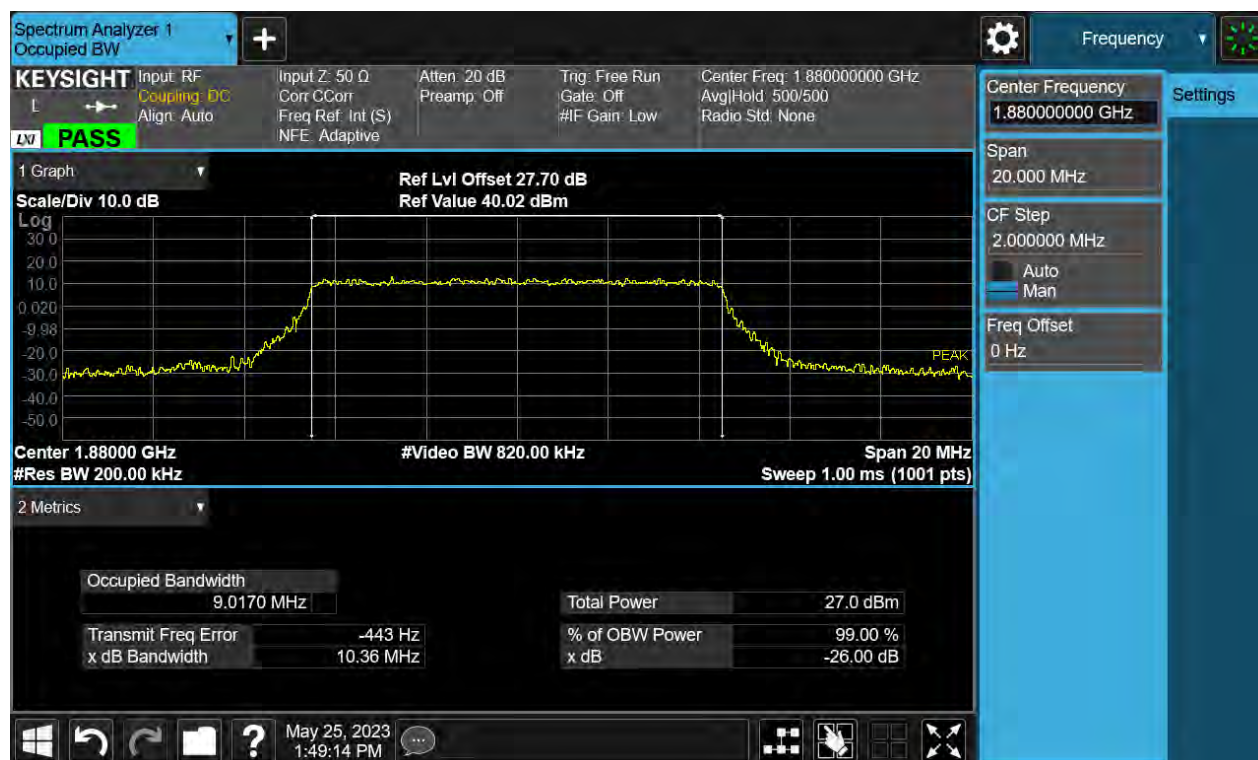
BW10 M_OBW_Middle Channel_16QAM_FullIRB



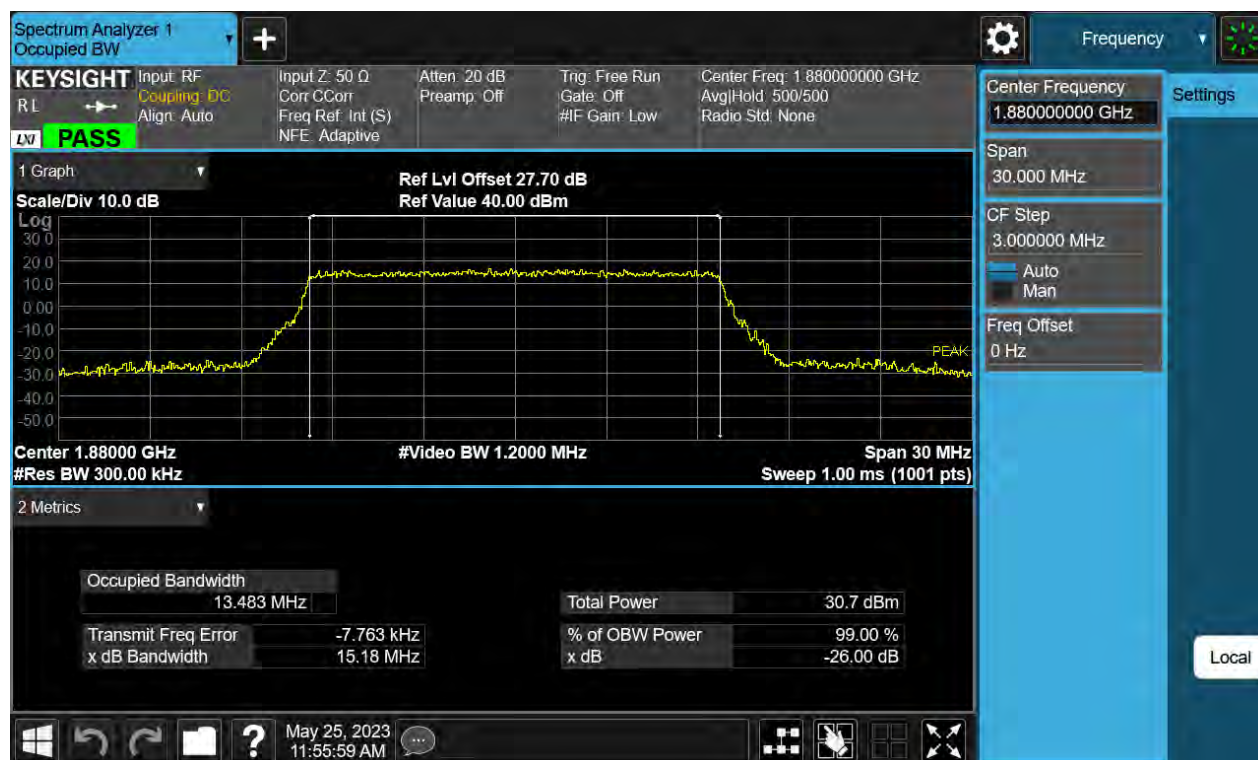
BW10 M_OBW_Middle Channel_64QAM_FullIRB



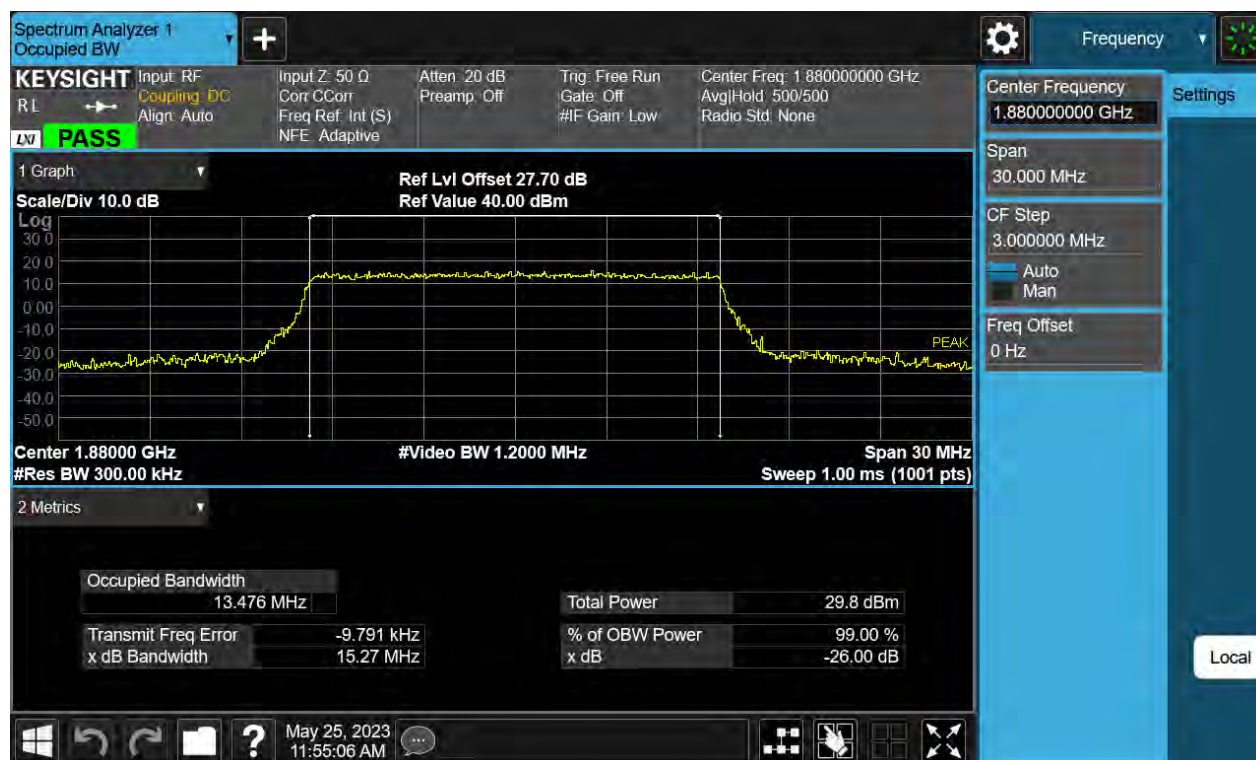
BW10 M_OBW_Middle Channel_256QAM_FullIRB



BW15 M_OBW_Middle Channel_QPSK_FullRB



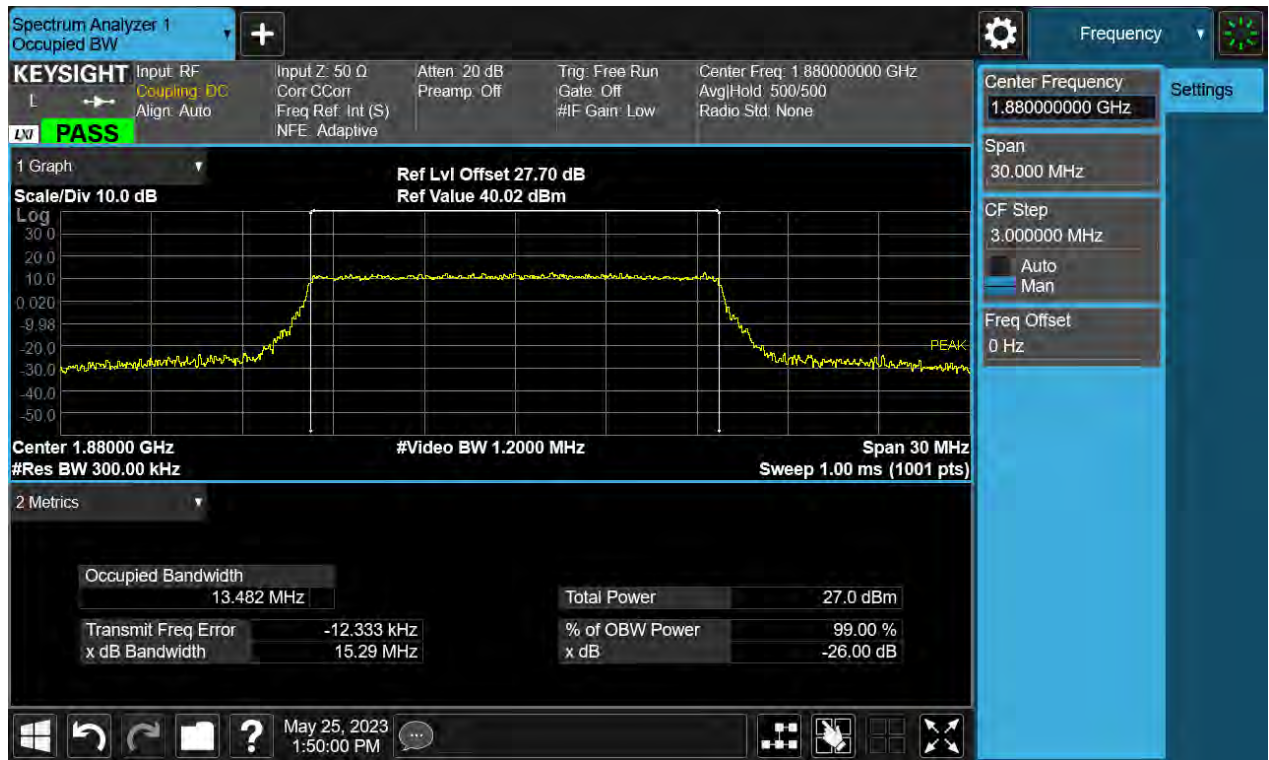
BW15 M_OBW_Middle Channel_16QAM_FullIRB



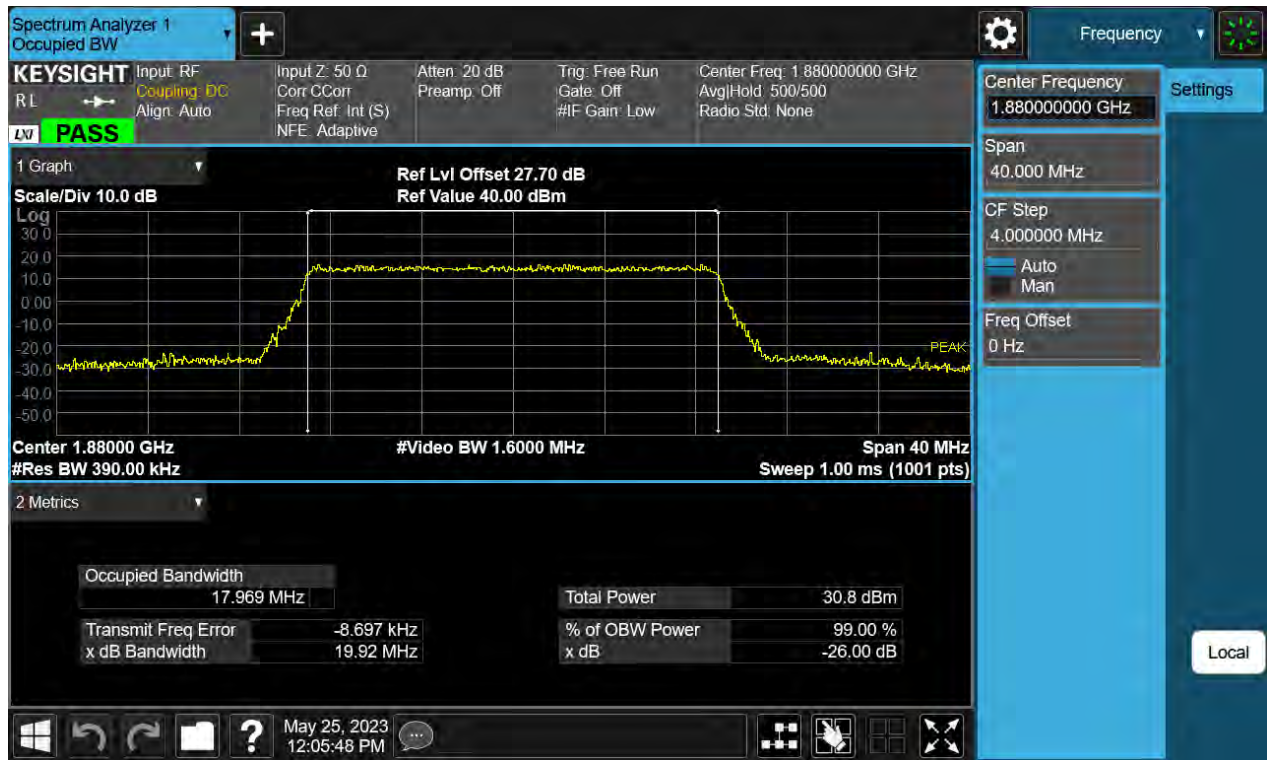
BW15 M_OBW_Middle Channel_64QAM_FullIRB



BW15 M_OBW_Middle Channel_256QAM_FullRB



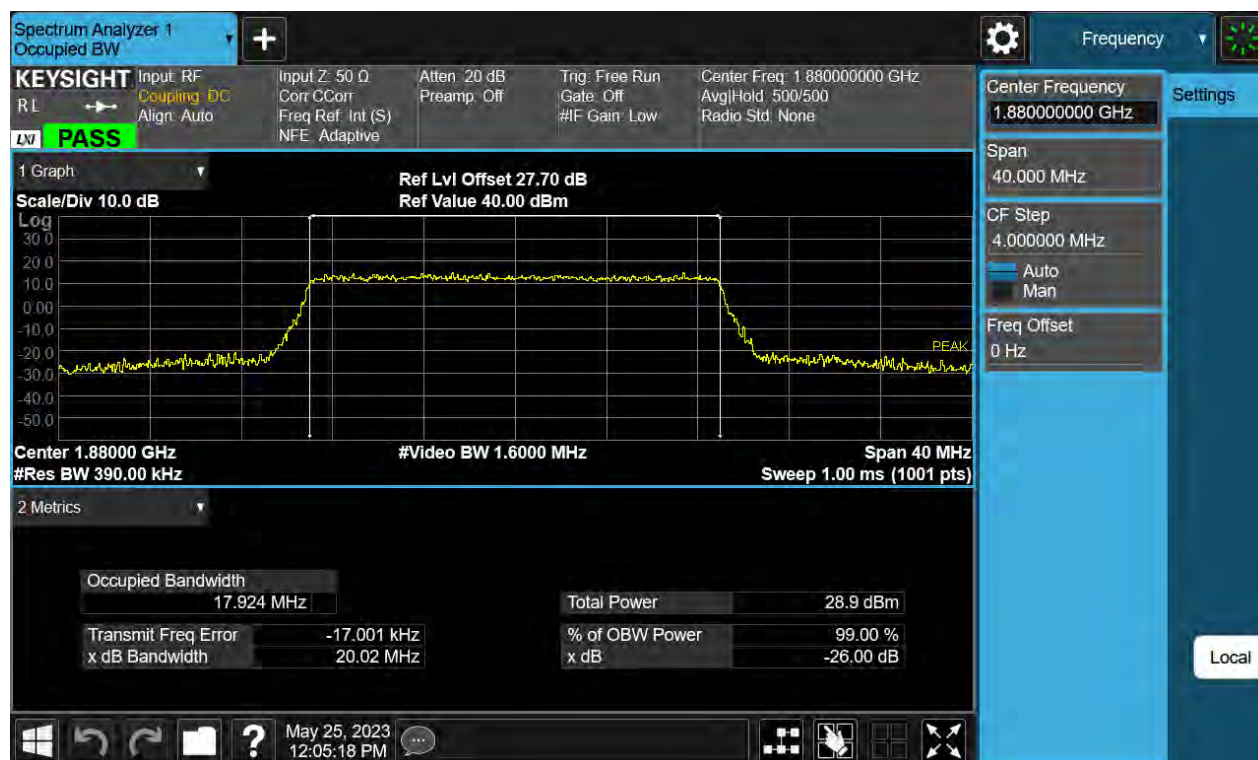
BW20 M_OBW_Middle Channel_QPSK_FullRB



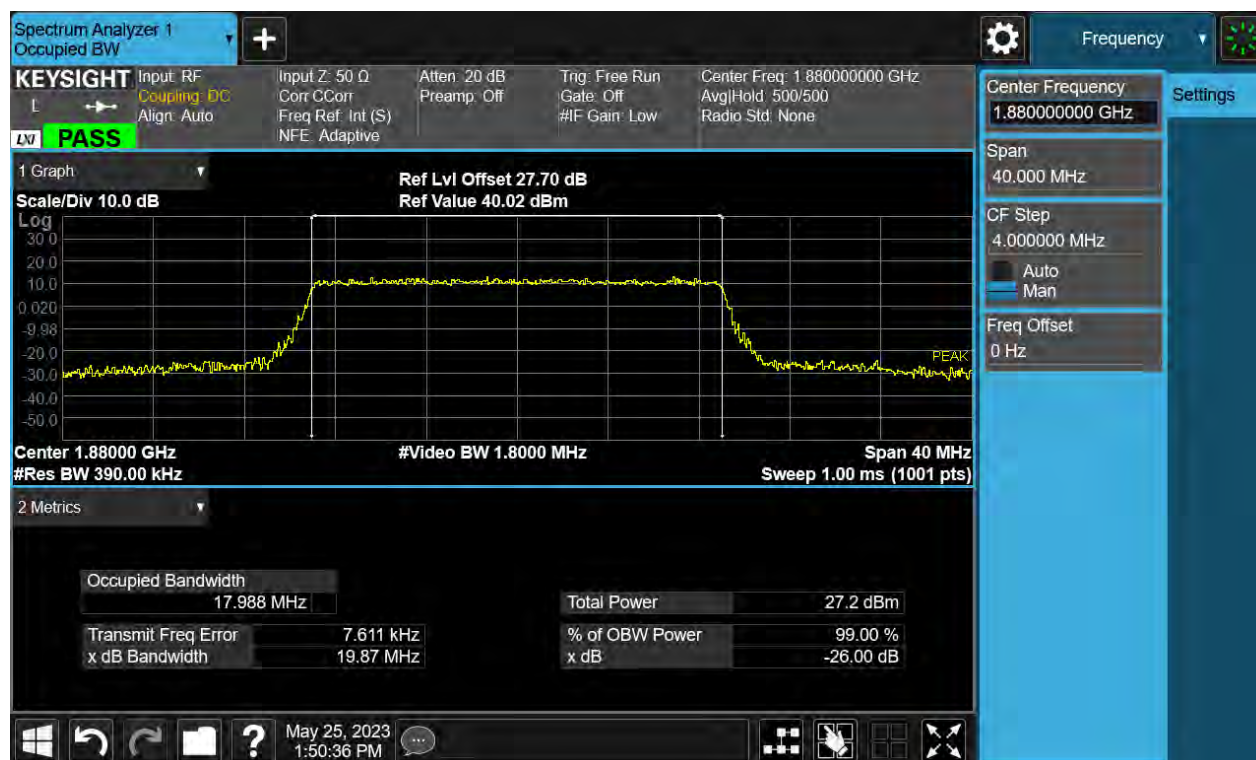
BW20 M_OBW_Middle Channel_16QAM_FullIRB



BW20 M_OBW_Middle Channel_64QAM_FullIRB



BW20 M_OBW_Middle Channel_256QAM_FullRB



BW1.4 M_PAR_Middle Channel_QPSK_FullRB



BW1.4 M_PAR_Middle Channel_16QAM_FullIRB



BW1.4 M_PAR_Middle Channel_64QAM_FullRB



BW1.4 M_PAR_Middle Channel_256QAM_FullRB



BW3 M_PAR_Middle Channel_QPSK_FullIRB



BW3 M_PAR_Middle Channel_16QAM_FullRB



BW3 M_PAR_Middle Channel_64QAM_FullRB



BW3 M_PAR_Middle Channel_256QAM_FullRB



BW5 M_PAR_Middle Channel_QPSK_FullIRB



BW5 M_PAR_Middle Channel_16QAM_FullRB



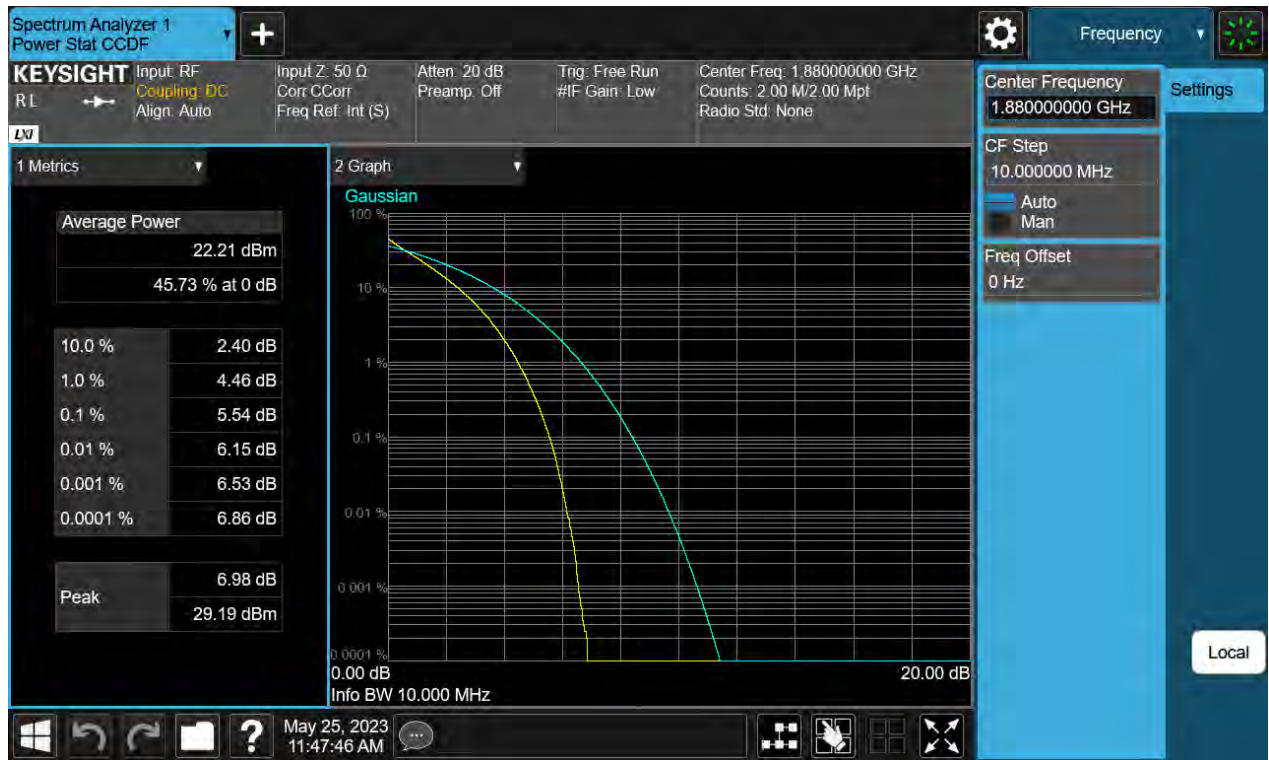
BW5 M_PAR_Middle Channel_64QAM_FullRB



BW5 M_PAR_Middle Channel_256QAM_FullRB



BW10 M_PAR_Middle Channelz_QPSK_FullRB



BW10 M_PAR_Middle Channel_16QAM_FullRB



BW10 M_PAR_Middle Channel_64QAM_FullRB



BW10 M_PAR_Middle Channel_256QAM_FullIRB



BW15 M_PAR_Middle Channel_QPSK_FullIRB



BW15 M_PAR_Middle Channel_16QAM_FullRB



BW15 M_PAR_Middle Channel_64QAM_FullRB

