

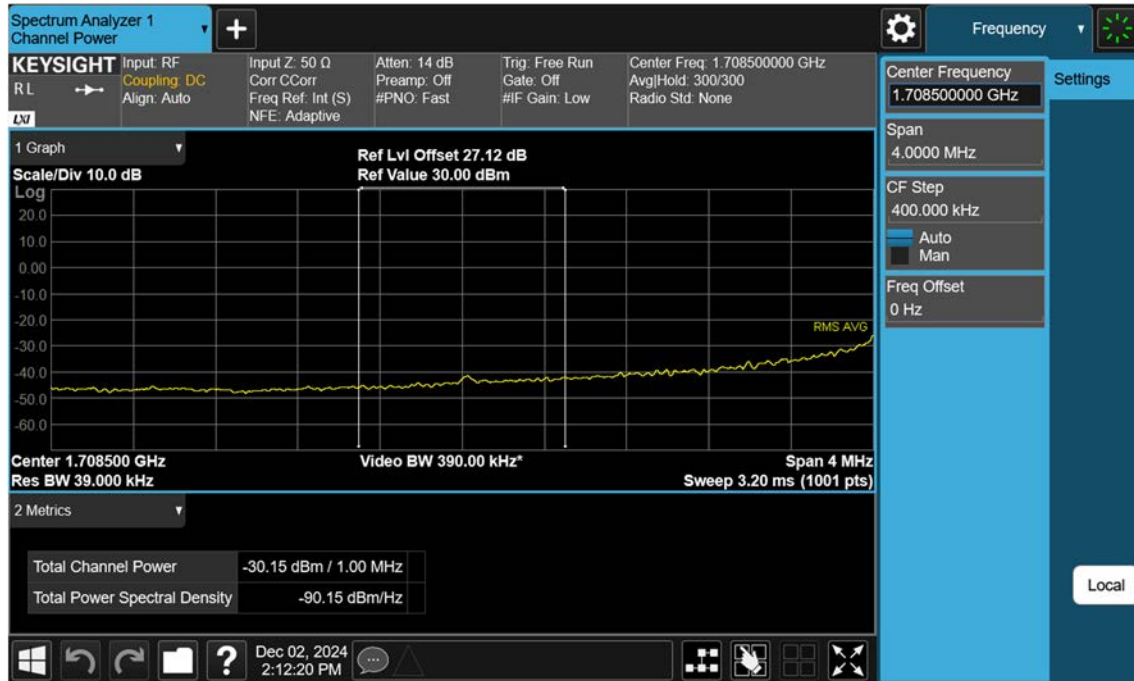
NR66_30 M_Band Edge_Low_BPSK_1RB



NR66_30 M_Band Edge_Low_BPSK_FullRB



NR66_30 M_Extended Band Edge_Low_BPSK_FullIRB



NR66_30 M_Band Edge_High_BPSK_1RB



NR66_30 M_Band Edge_High_BPSK_FullRB



NR66_30 M_Extended Band Edge_High_BPSK_FullRB



Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF Coupling: DC Align: Auto
 Input Z: 50 Ω Corr: C Corr Freq Ref: Int (S) NFE: Adaptive
 #Atten: 14 dB Preamp: Off PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) 1 2 3 4 5 6 A A A A A A

1 Spectrum
 Scale/Div 10 dB
 Log

Ref Lvl Offset 27.12 dB
 Ref Level 27.12 dBm

Mkr1 1.710 000 GHz
 -37.124 dBm

DL1 -13.00 dBm

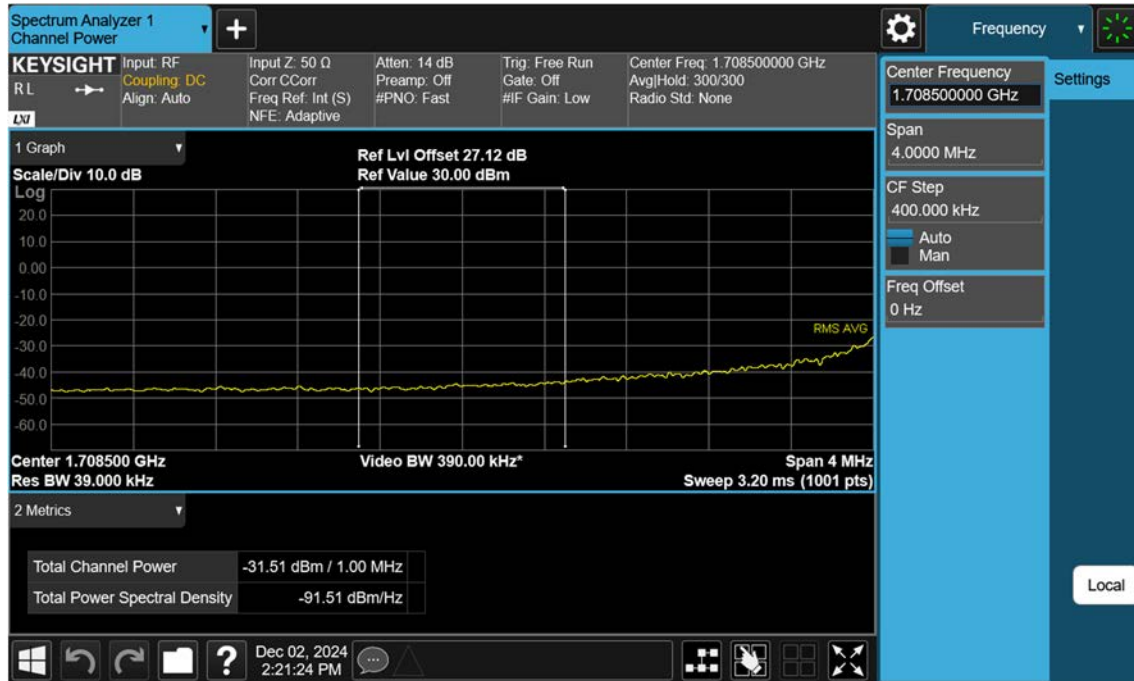
Center 1.710000 GHz
 #Res BW 30 kHz #Video BW 100 kHz Span 4.000 MHz
 #Sweep ~1.01 s (1001 pts)

Dec 02, 2024 2:21:46 PM

NR66_40 M_Band Edge_Low_BPSK_FullRB



NR66_40 M_Extended Band Edge_Low_BPSK_FullIRB



NR66_40 M_Band Edge_High_BPSK_1RB



NR66_40 M_Band Edge_High_BPSK_FullRB



NR66_40 M_Extended Band Edge_High_BPSK_FullRB

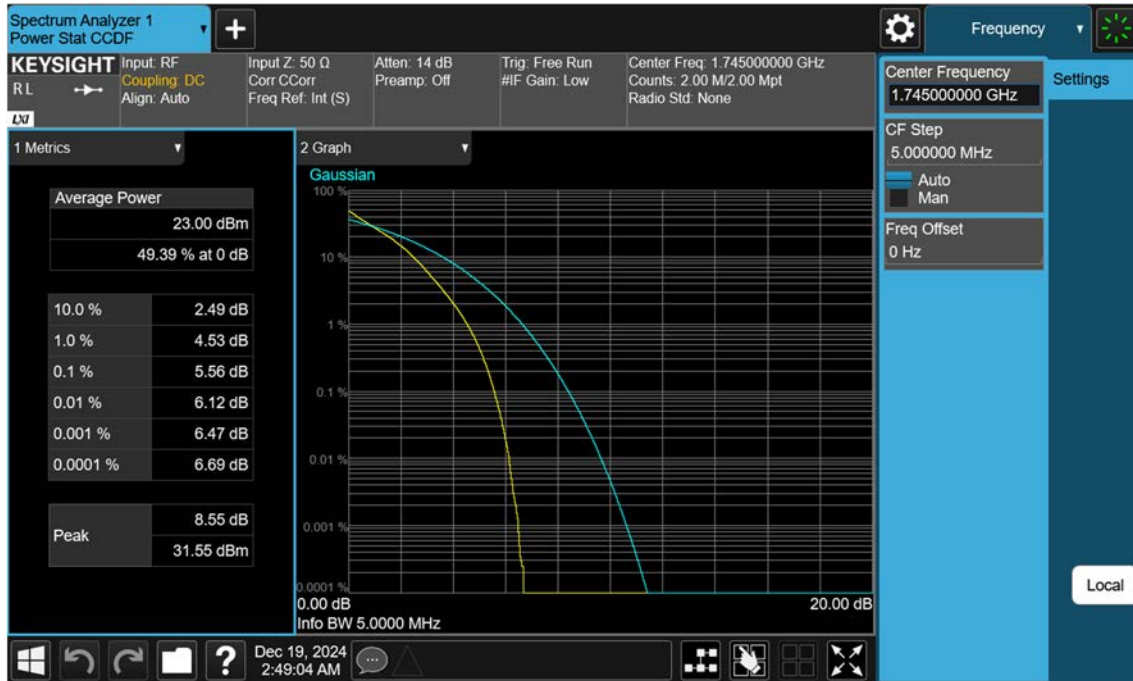


11. TEST PLOTS (Sub 2 ANT)

NR66_5 M_PAR_Mid_BPSK_FullRB



NR66_5 M_PAR_Mid_QPSK_FullRB



NR66_5 M_PAR_Mid_16QAM_FullRB



NR66_5 M_PAR_Mid_64QAM_FullRB



NR66_5 M_PAR_Mid_256QAM_FullRB



NR66_10 M_PAR_Mid_BPSK_FullRB



NR66_10 M_PAR_Mid_QPSK_FullRB



NR66_10 M_PAR_Mid_16QAM_FullRB



NR66_10 M_PAR_Mid_64QAM_FullRB



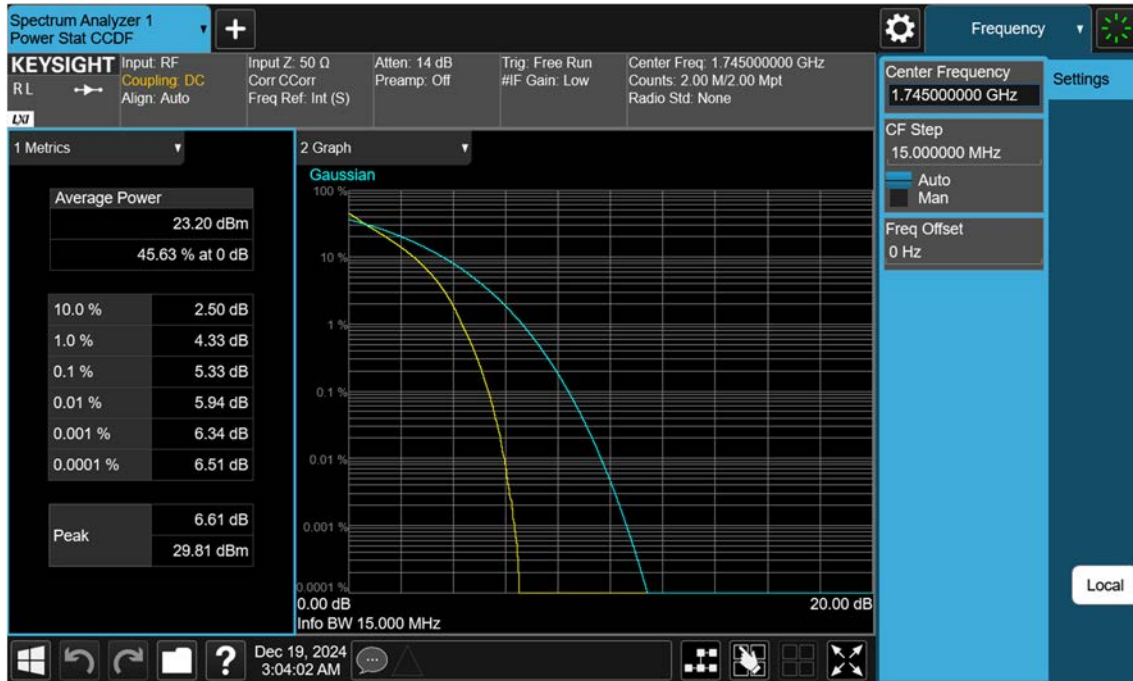
NR66_10 M_PAR_Mid_256QAM_FullRB



NR66_15 M_PAR_Mid_BPSK_FullRB



NR66_15 M_PAR_Mid_QPSK_FullRB



NR66_15 M_PAR_Mid_16QAM_FullRB



NR66_15 M_PAR_Mid_64QAM_FullRB



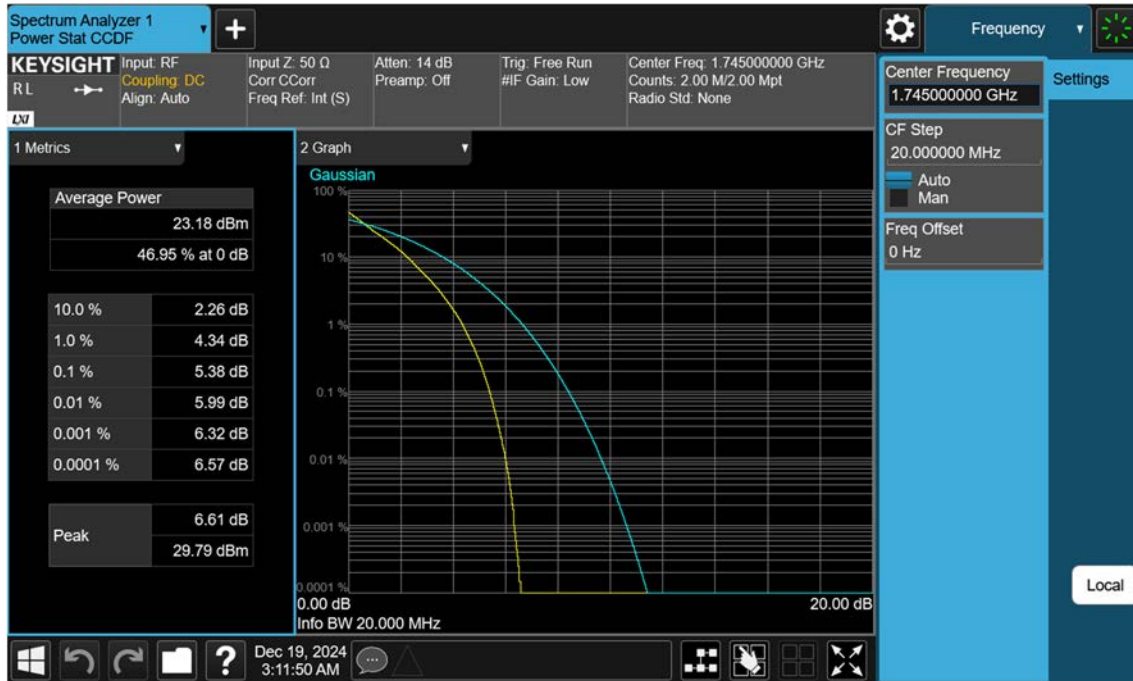
NR66_15 M_PAR_Mid_256QAM_FullRB



NR66_20 M_PAR_Mid_BPSK_FullRB



NR66_20 M_PAR_Mid_QPSK_FullRB



NR66_20 M_PAR_Mid_16QAM_FullRB



NR66_20 M_PAR_Mid_64QAM_FullRB



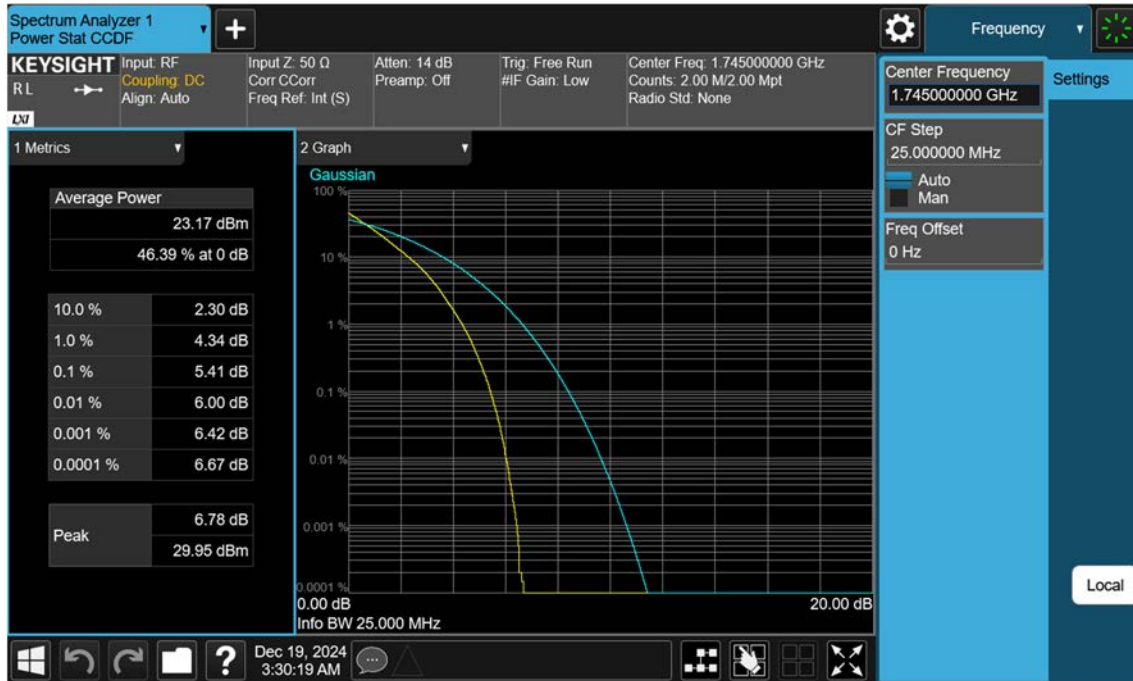
NR66_20 M_PAR_Mid_256QAM_FullRB



NR66_25 M_PAR_Mid_BPSK_FullRB



NR66_25 M_PAR_Mid_QPSK_FullRB



NR66_25 M_PAR_Mid_16QAM_FullRB



NR66_25 M_PAR_Mid_64QAM_FullRB



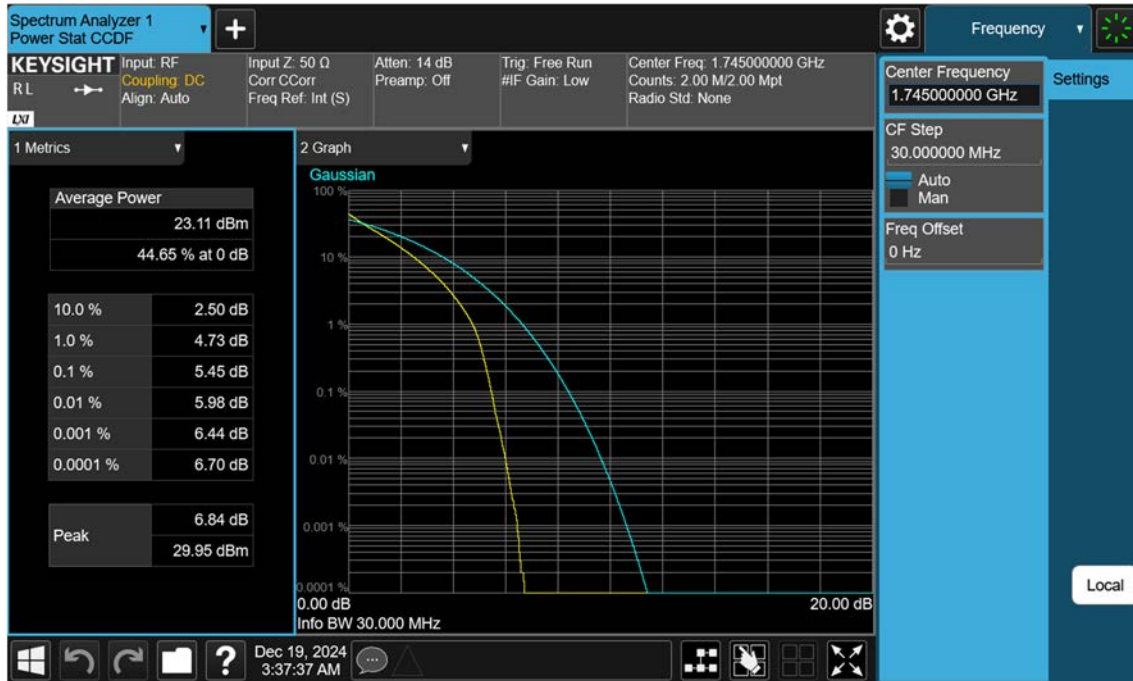
NR66_25 M_PAR_Mid_256QAM_FullRB



NR66_30 M_PAR_Mid_BPSK_FullRB



NR66_30 M_PAR_Mid_QPSK_FullRB



NR66_30 M_PAR_Mid_16QAM_FullRB



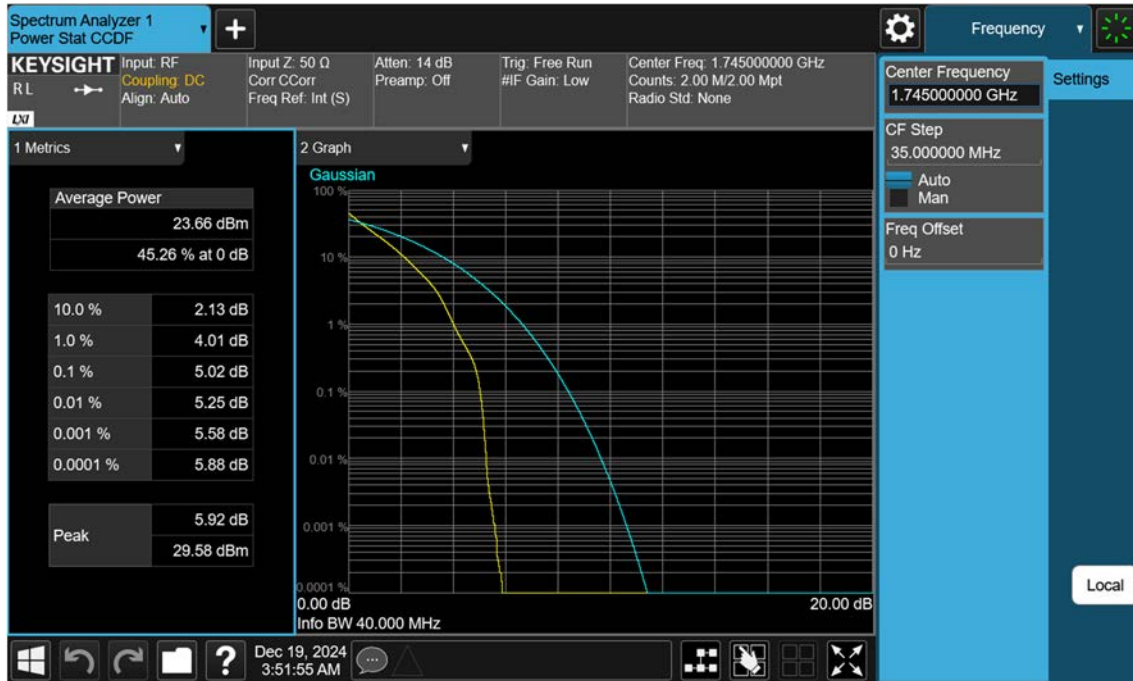
NR66_30 M_PAR_Mid_64QAM_FullRB



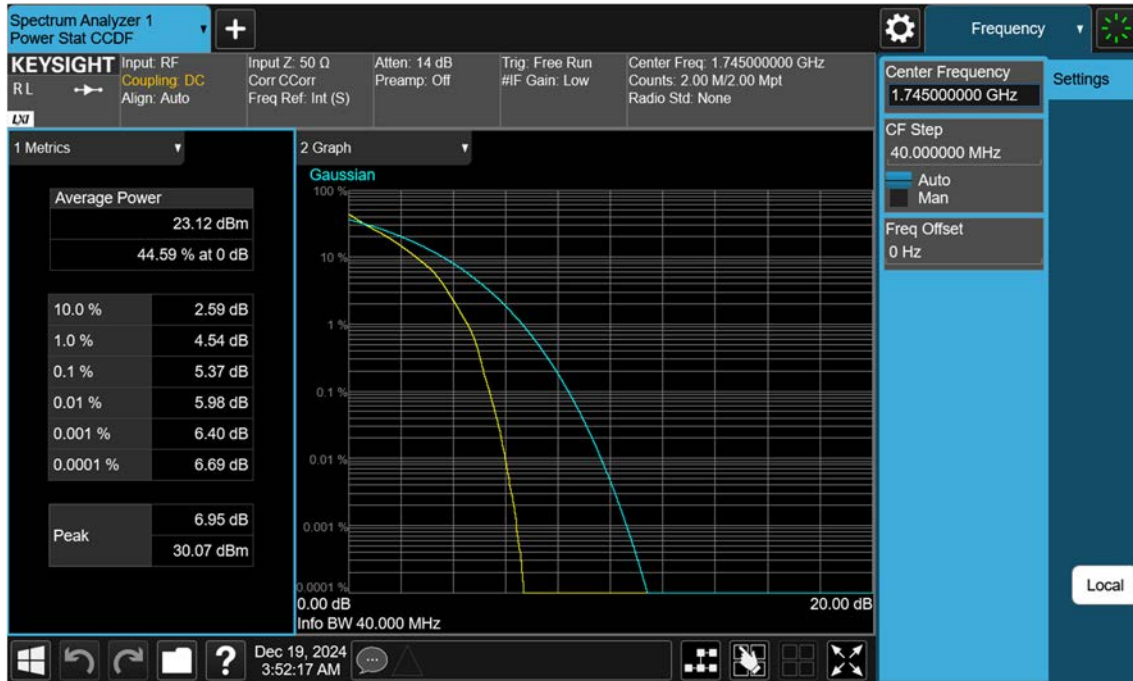
NR66_30 M_PAR_Mid_256QAM_FullRB



NR66_40 M_PAR_Mid_BPSK_FullRB



NR66_40 M_PAR_Mid_QPSK_FullRB



NR66_40 M_PAR_Mid_16QAM_FullRB



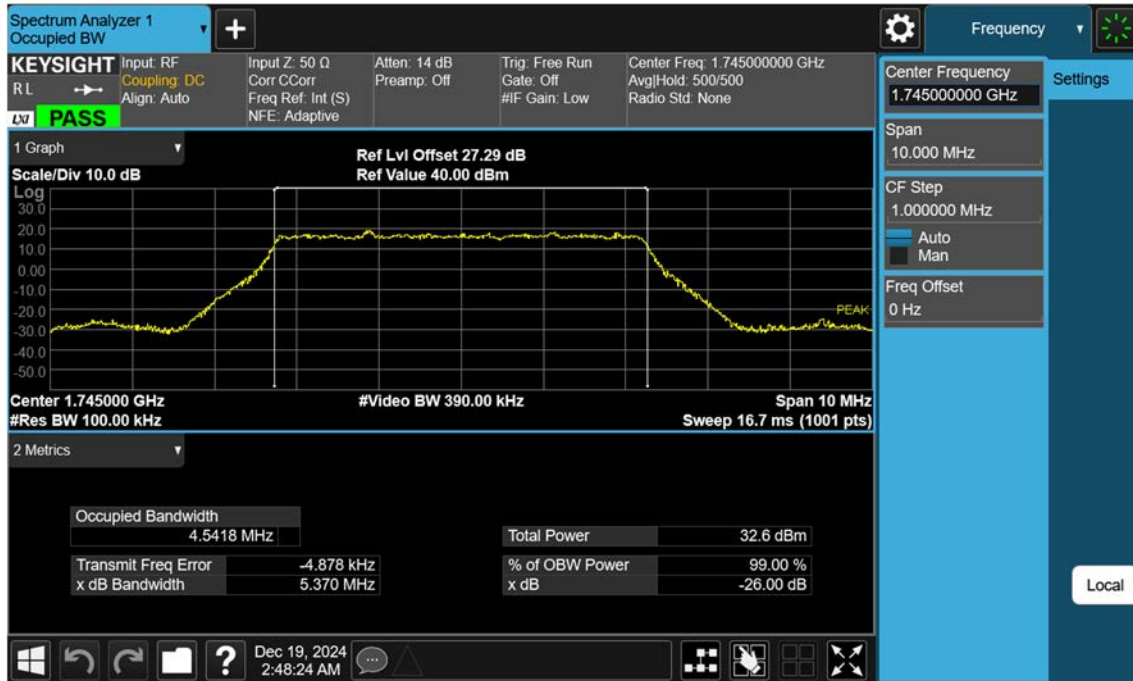
NR66_40 M_PAR_Mid_64QAM_FullRB



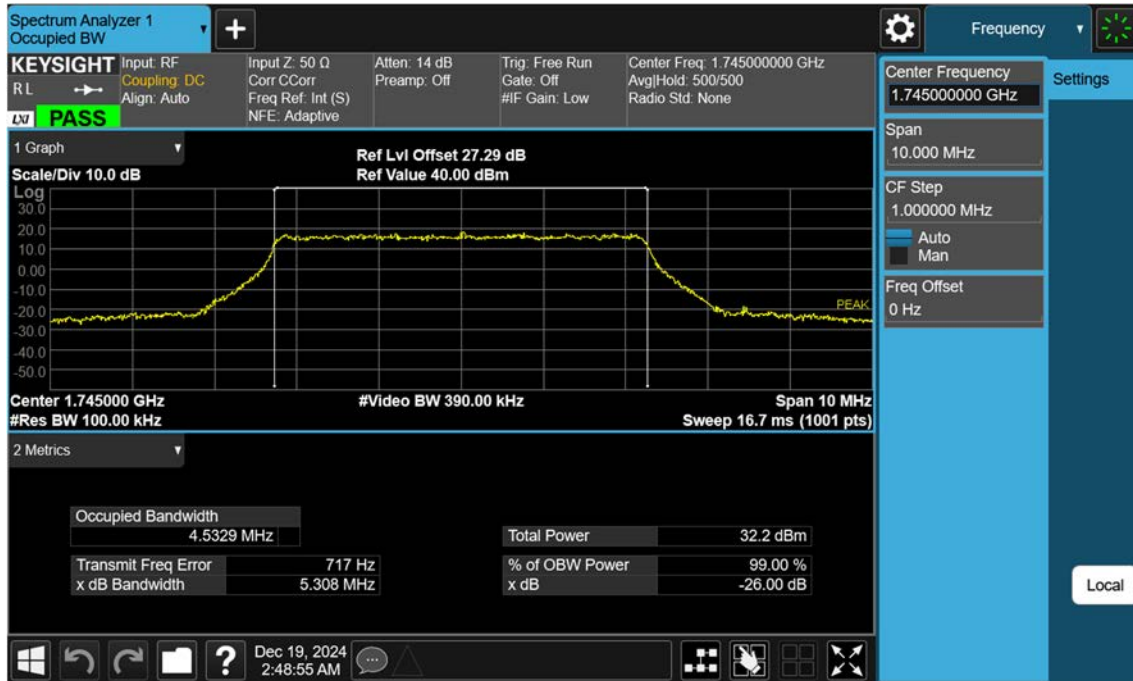
NR66_40 M_PAR_Mid_256QAM_FullRB



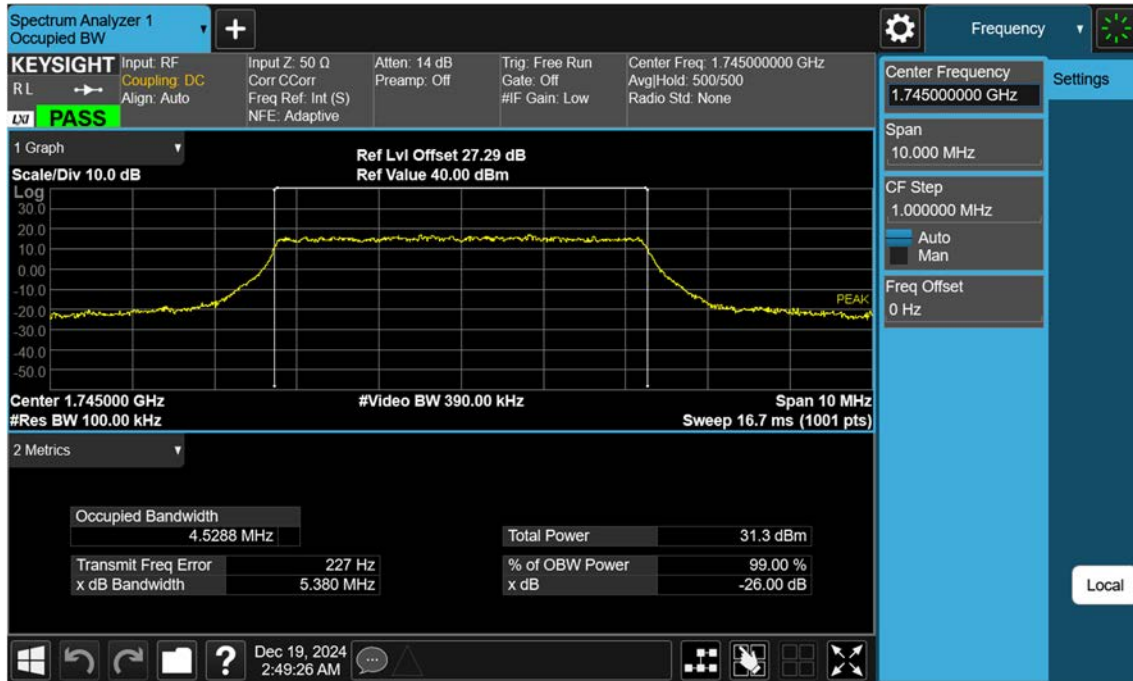
NR66_5 M_OBW_Mid_BPSK_FullRB



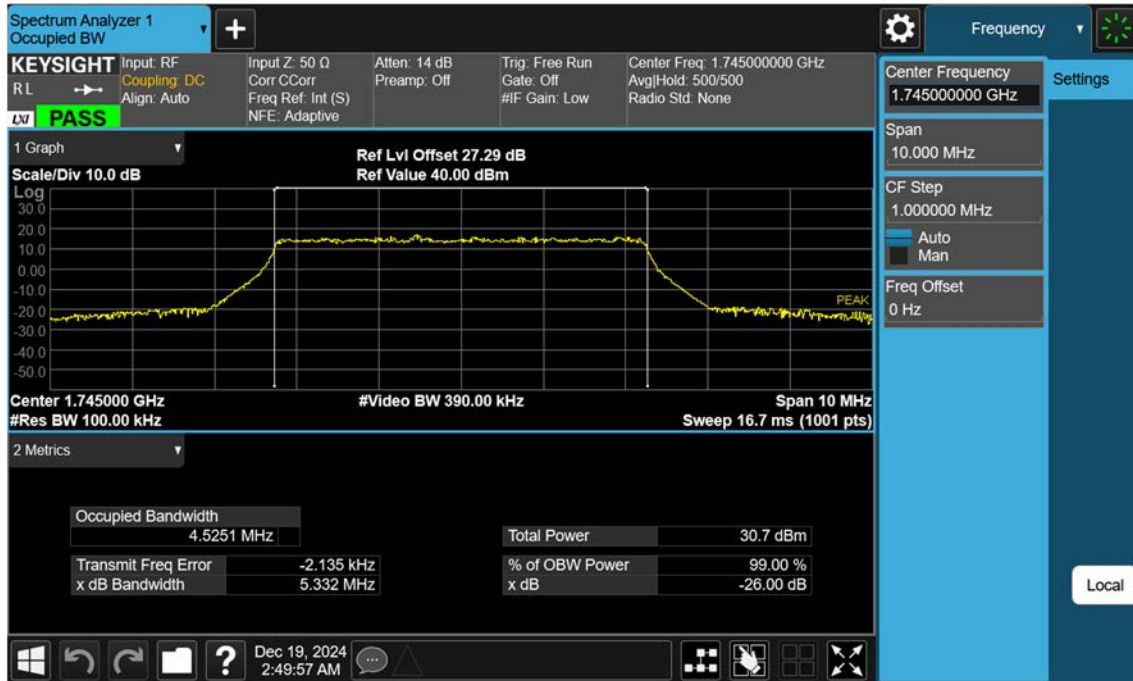
NR66_5 M_OBW_Mid_QPSK_FullRB



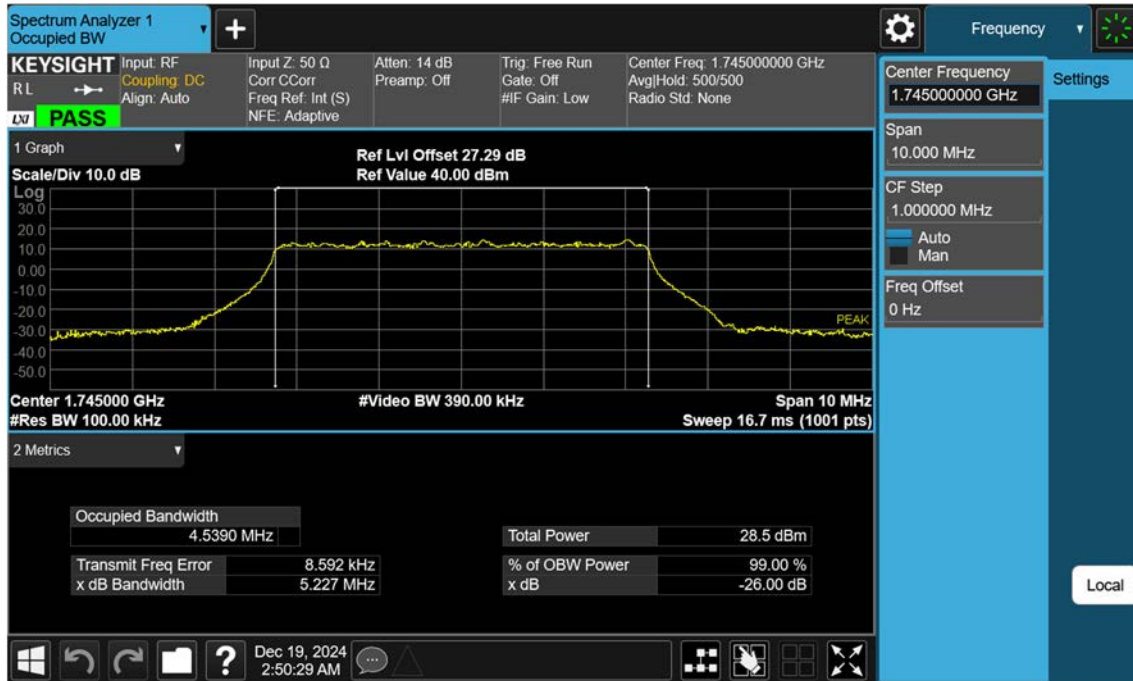
NR66_5 M_OBW_Mid_16QAM_FullRB



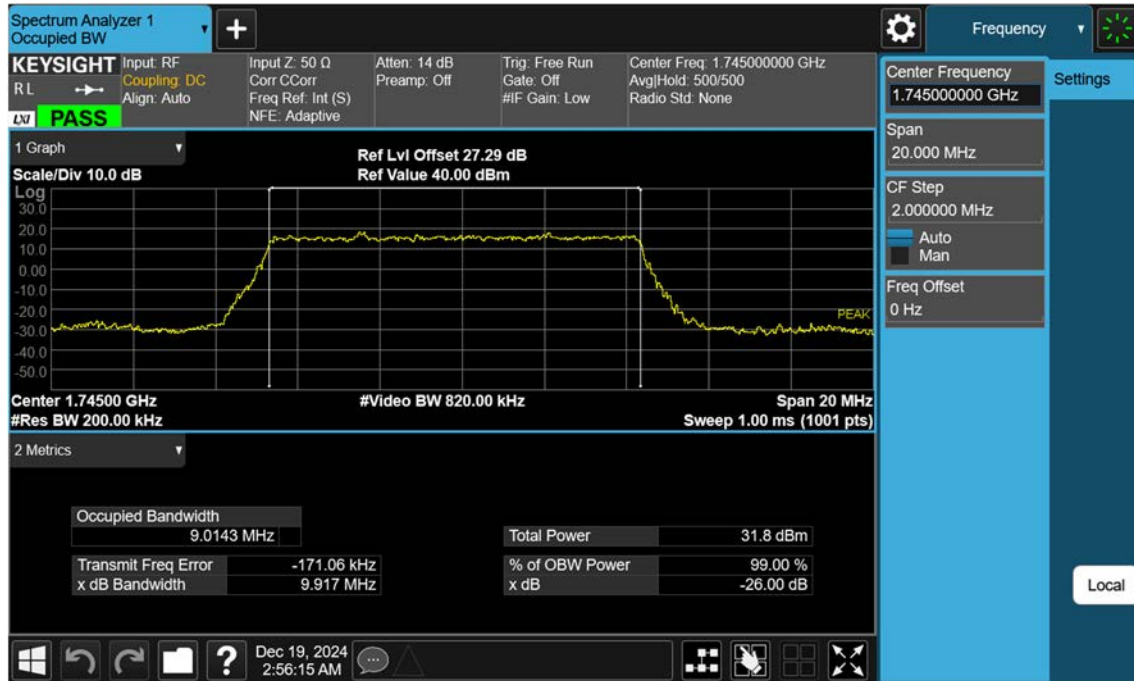
NR66_5 M_OBW_Mid_64QAM_FullRB



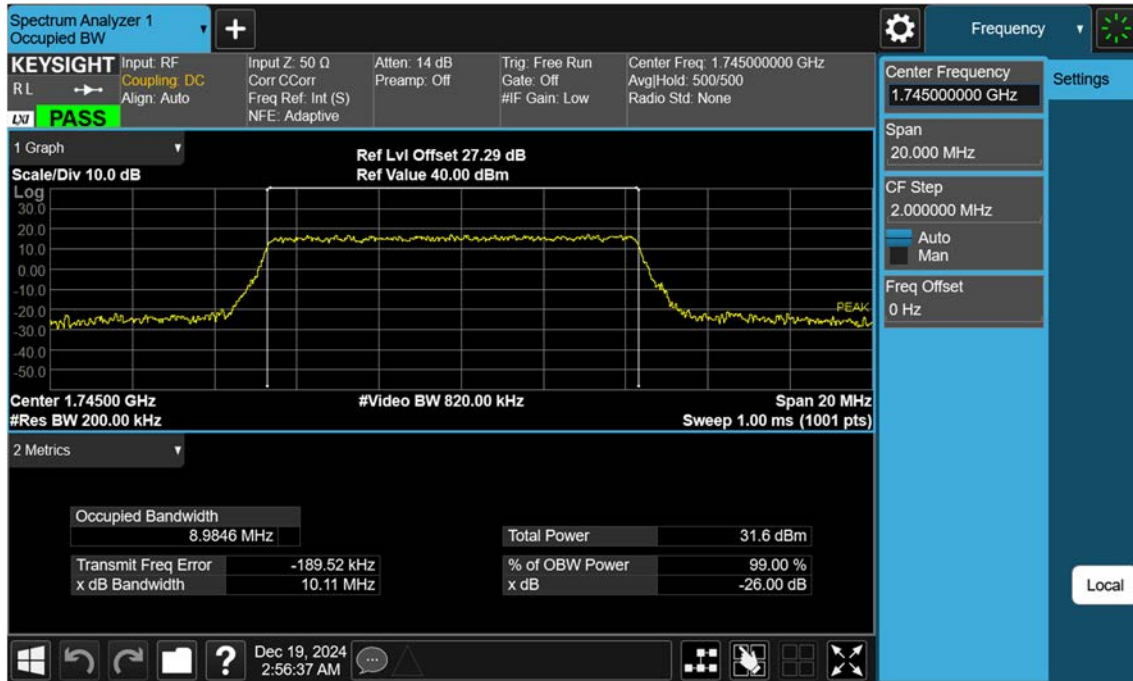
NR66_5 M_OBW_Mid_256QAM_FullRB



NR66_10 M_OBW_Mid_BPSK_FullRB



NR66_10 M_OBW_Mid_QPSK_FullIRB



Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input: RF Coupling: DC Align: Auto
R/L →

Input Z: 50 Ω Corr: CCorr Freq Ref: Int (S) NFE: Adaptive
Atten: 14 dB Preamp: Off Trg: Free Run Gate: Off #F Gain: Low
Center Freq: 1.745000000 GHz Avg/Hold: 500/500 Radio Std: None

1 Graph
Scale/Div 10.0 dB
Log
Ref Lvl Offset 27.29 dB
Ref Value 40.00 dBm
PEAK

Center 1.74500 GHz
#Res BW 200.0 kHz
#Video BW 820.00 kHz
Span 20 MHz
Sweep 1.00 ms (1001 pts)

2 Metrics

Occupied Bandwidth	8.9889 MHz	Total Power	30.6 dBm
Transmit Freq Error x dB Bandwidth	-184.73 kHz 9.986 MHz	% of OBW Power x dB	99.00 % -26.00 dB

Center Frequency
1.745000000 GHz

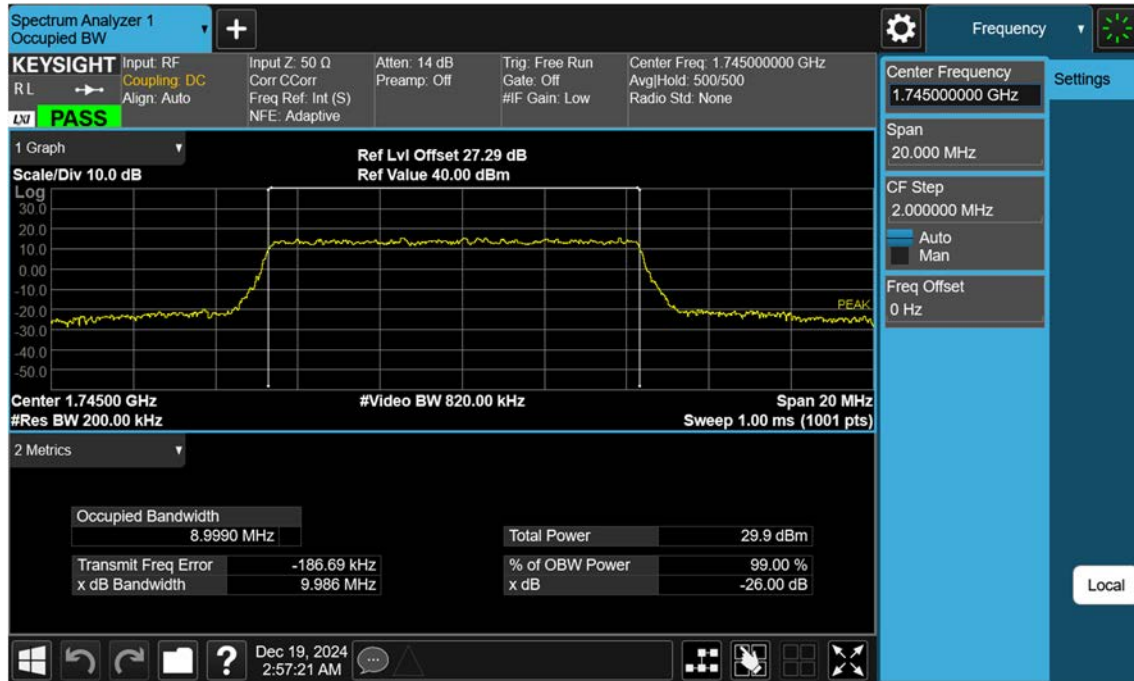
Span
20.000 MHz

CF Step
2.000000 MHz
Auto
Man

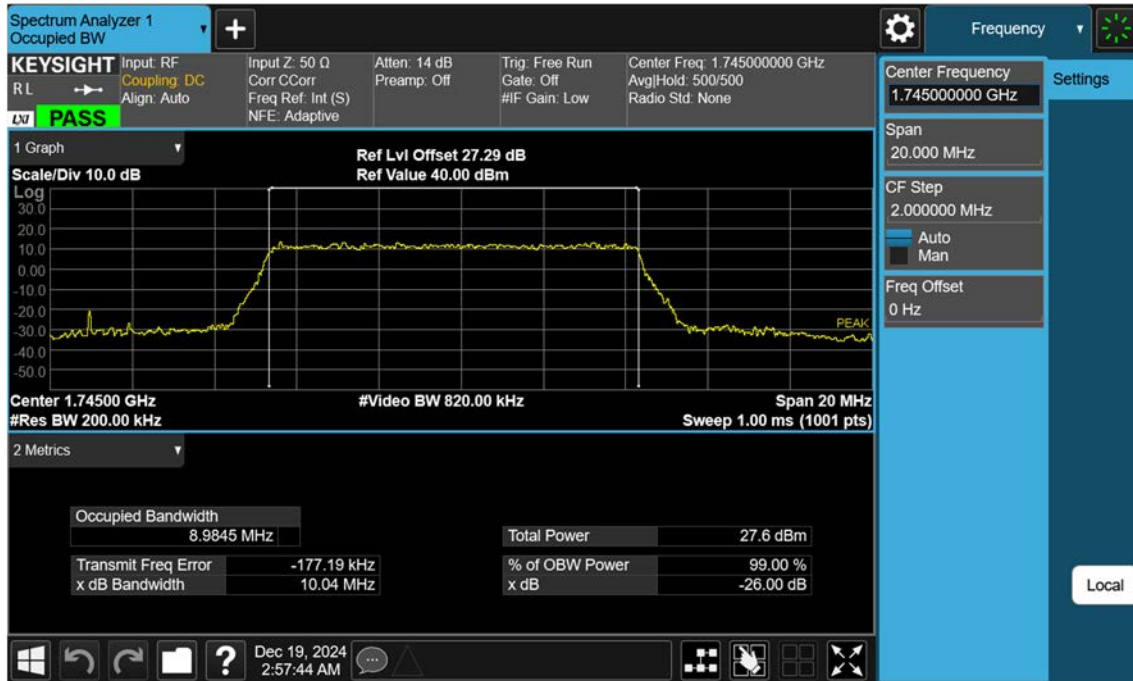
Freq Offset
0 Hz

Local

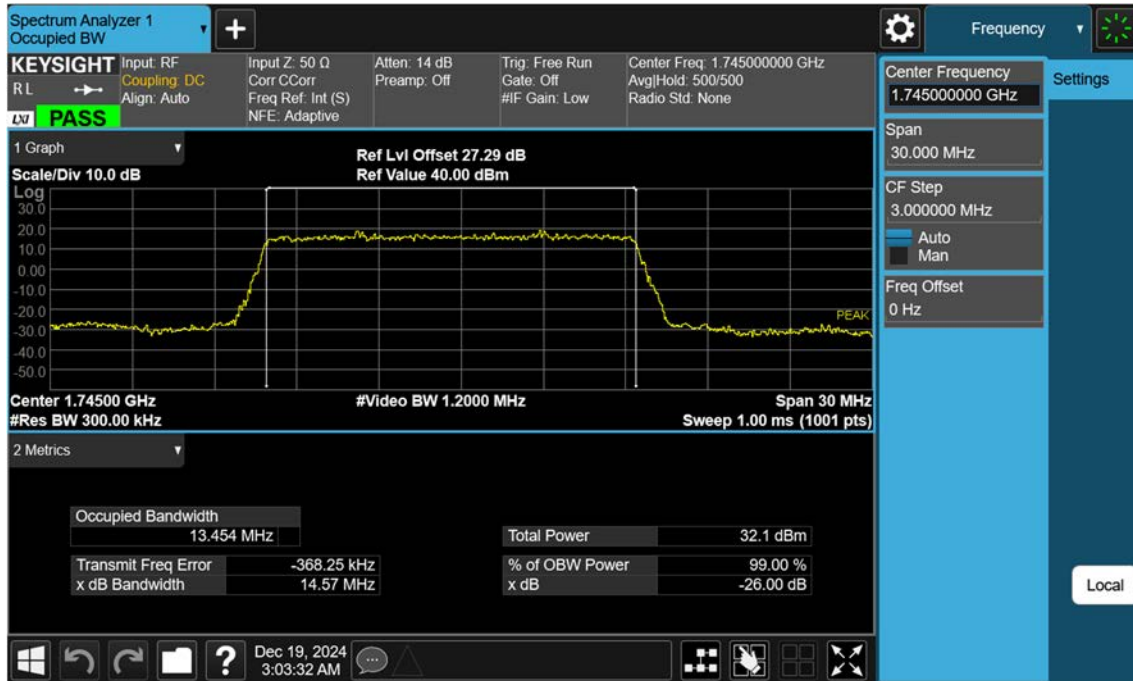
NR66_10 M_OBW_Mid_64QAM_FullRB



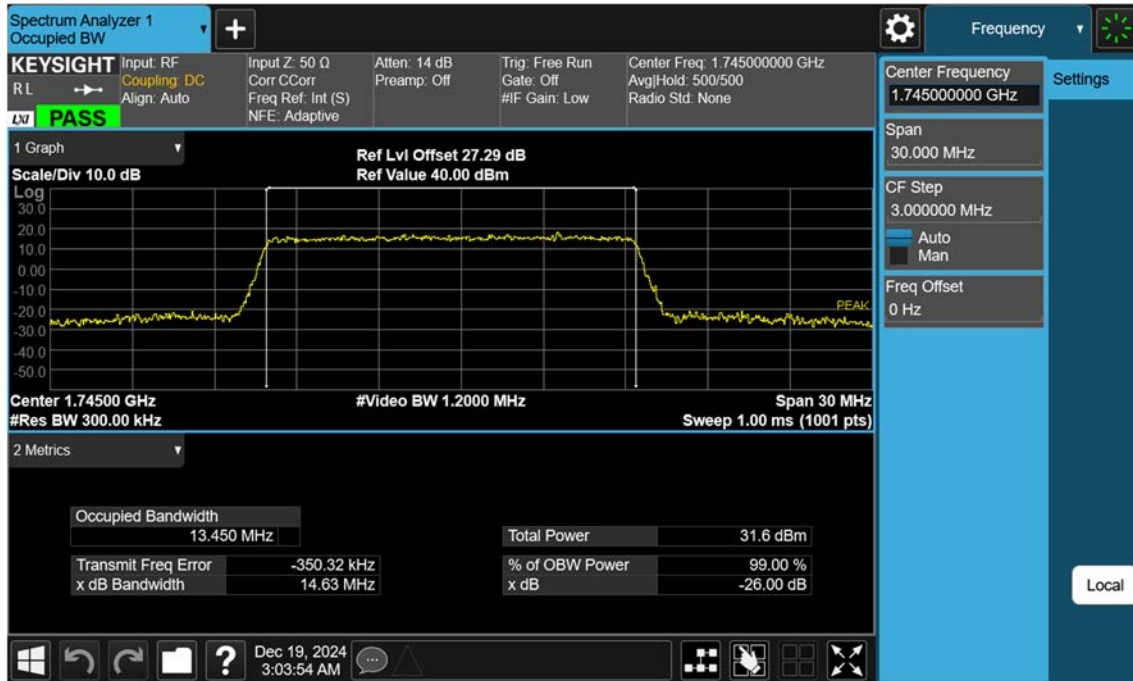
NR66_10 M_OBW_Mid_256QAM_FullRB



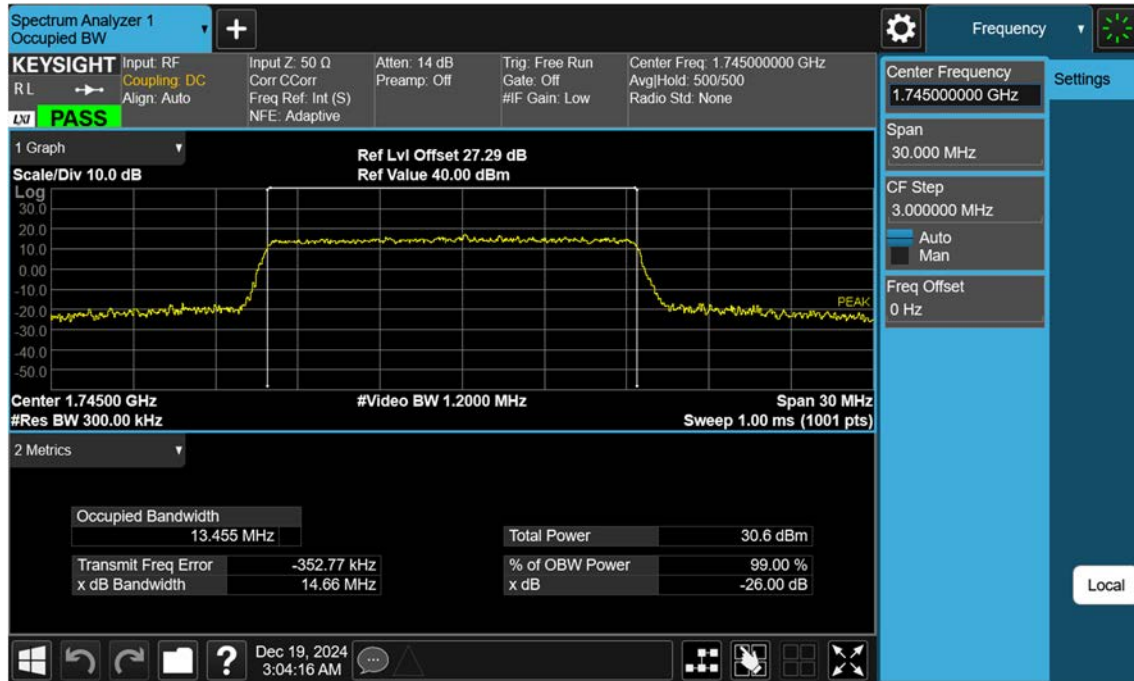
NR66_15 M_OBW_Mid_BPSK_FullRB



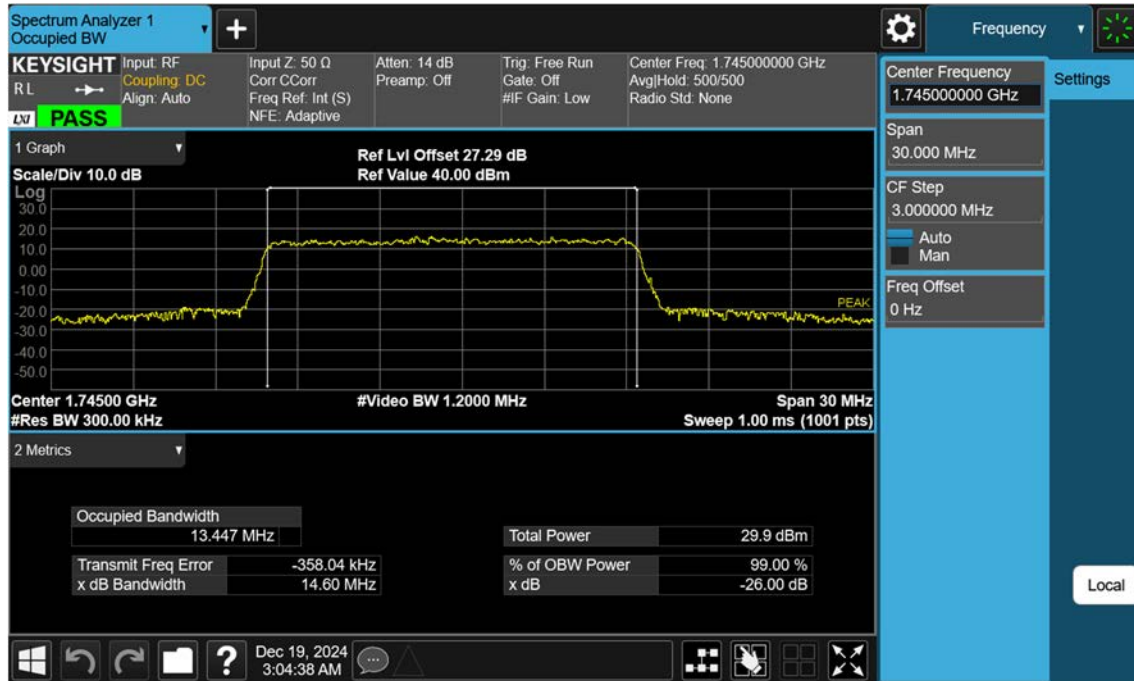
NR66_15 M_OBW_Mid_QPSK_FullRB



NR66_15 M_OBW_Mid_16QAM_FullRB



NR66_15 M_OBW_Mid_64QAM_FullRB



Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input: RF
RL → Coupling: DC
Align: Auto

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

Atten: 14 dB
Preamp: Off

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

Center Freq: 1.74500000 GHz
Avg/Hold: 500/500
Radio Sld: None

Settings

Center Frequency
1.745000000 GHz

Span
30.000 MHz

CF Step
3.000000 MHz

Auto
Man

Freq Offset
0 Hz

1 Graph

Scale/Div 10.0 dB

Log

Ref Lvl Offset 27.29 dB
Ref Value 40.00 dBm

PEAK

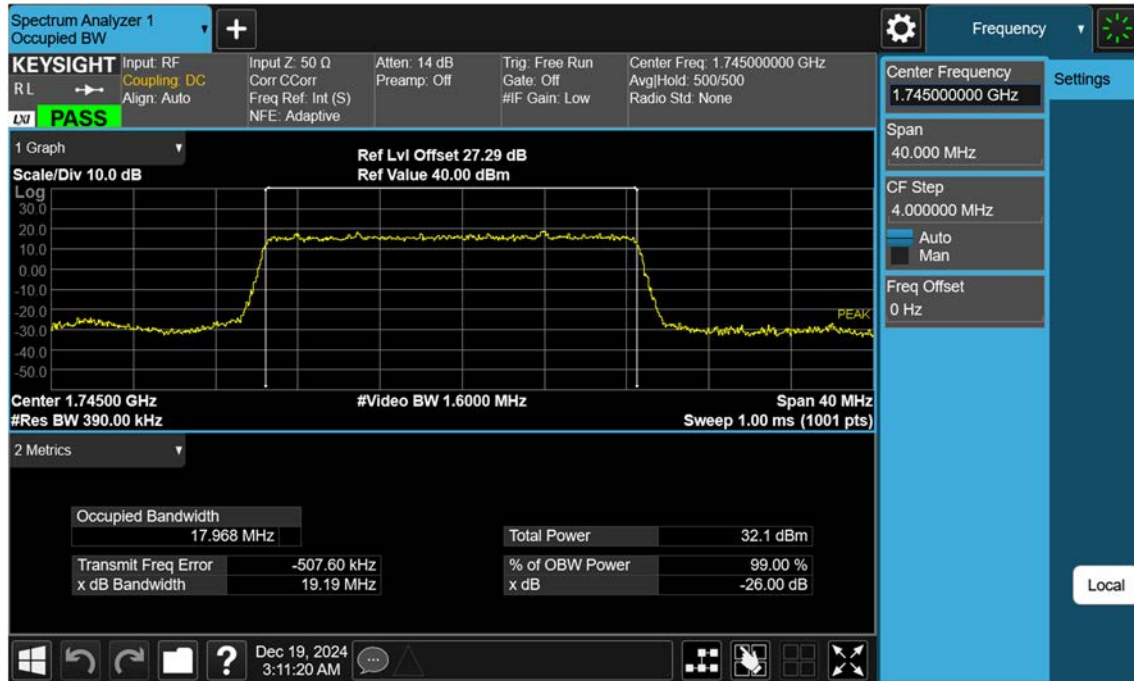
Center 1.74500 GHz
#Res BW 300.00 kHz
#Video BW 1.2000 MHz
Span 30 MHz
Sweep 1.00 ms (1001 pts)

2 Metrics

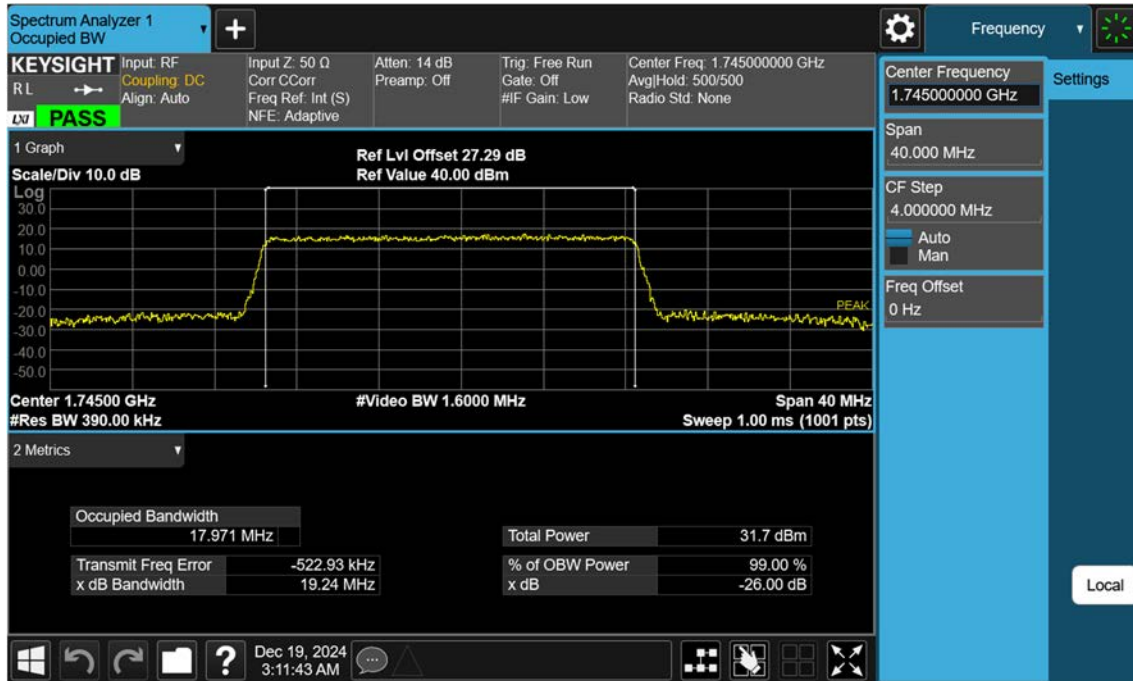
Occupied Bandwidth	13.478 MHz	Total Power	27.9 dBm
Transmit Freq Error	-391.59 kHz	% of OBW Power	99.00 %
x dB Bandwidth	14.50 MHz	x dB	-26.00 dB

Dec 19, 2024
3:05:00 AM

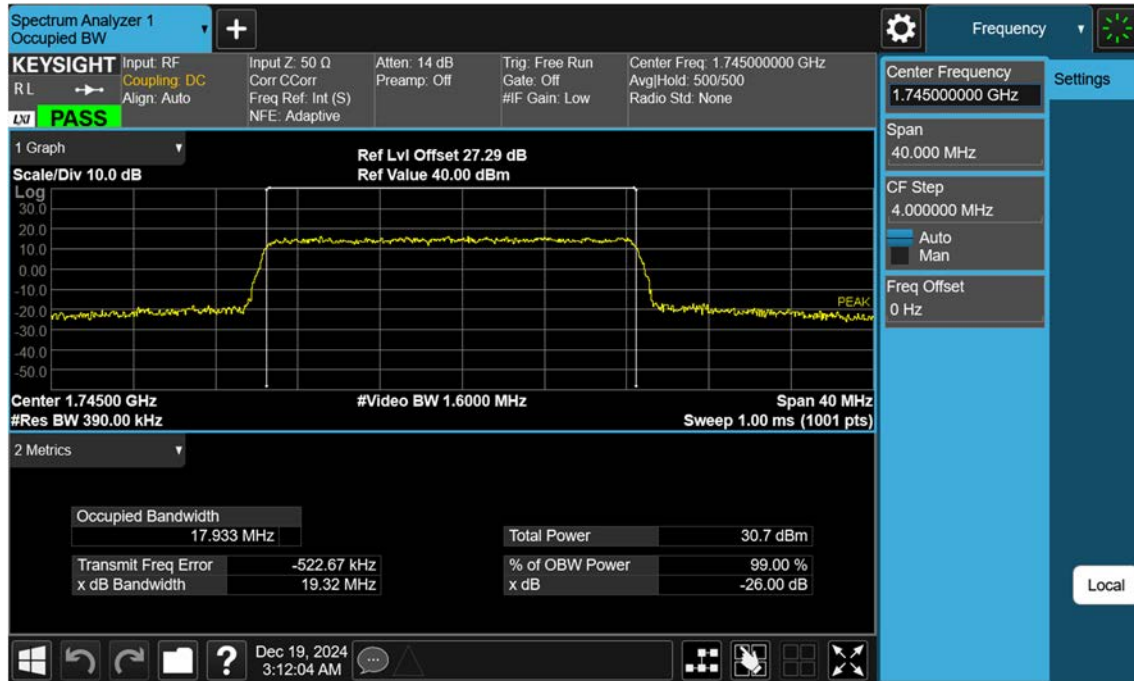
NR66_20 M_OBW_Mid_BPSK_FullRB



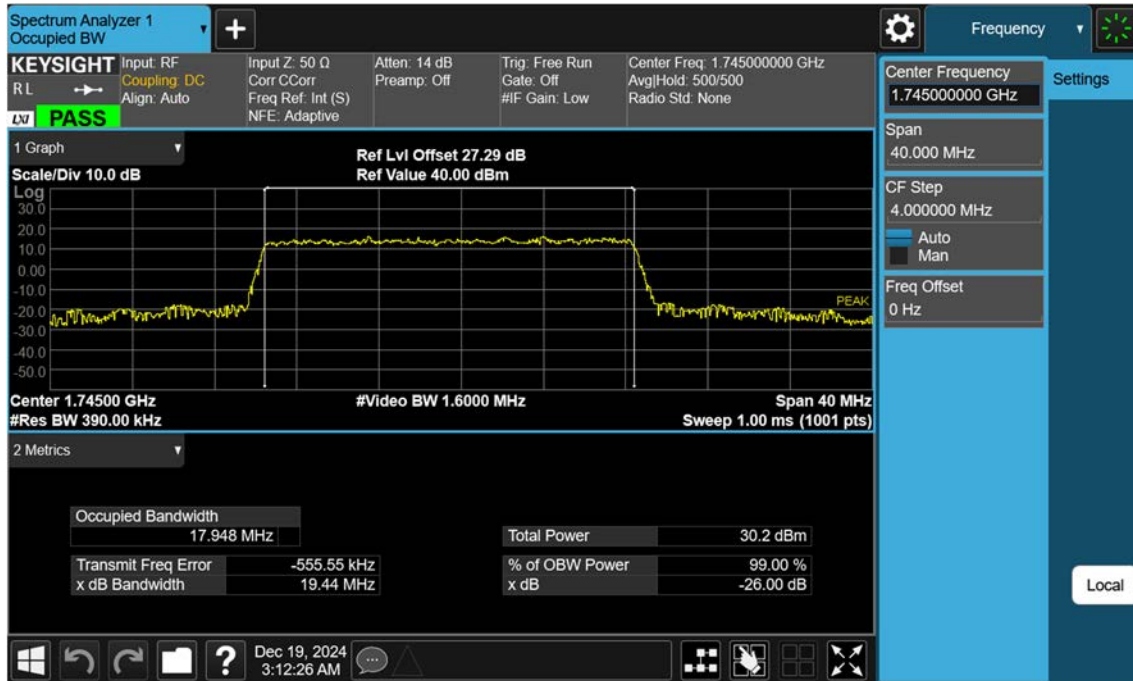
NR66_20 M_OBW_Mid_QPSK_FullIRB



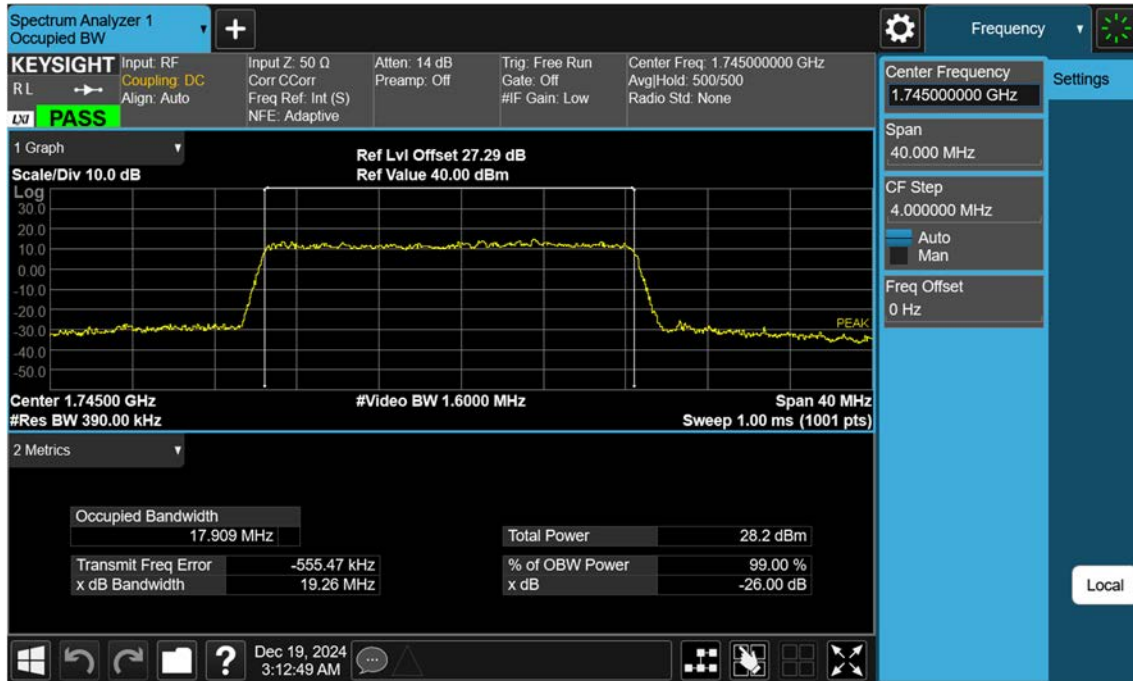
NR66_20 M_OBW_Mid_16QAM_FullRB



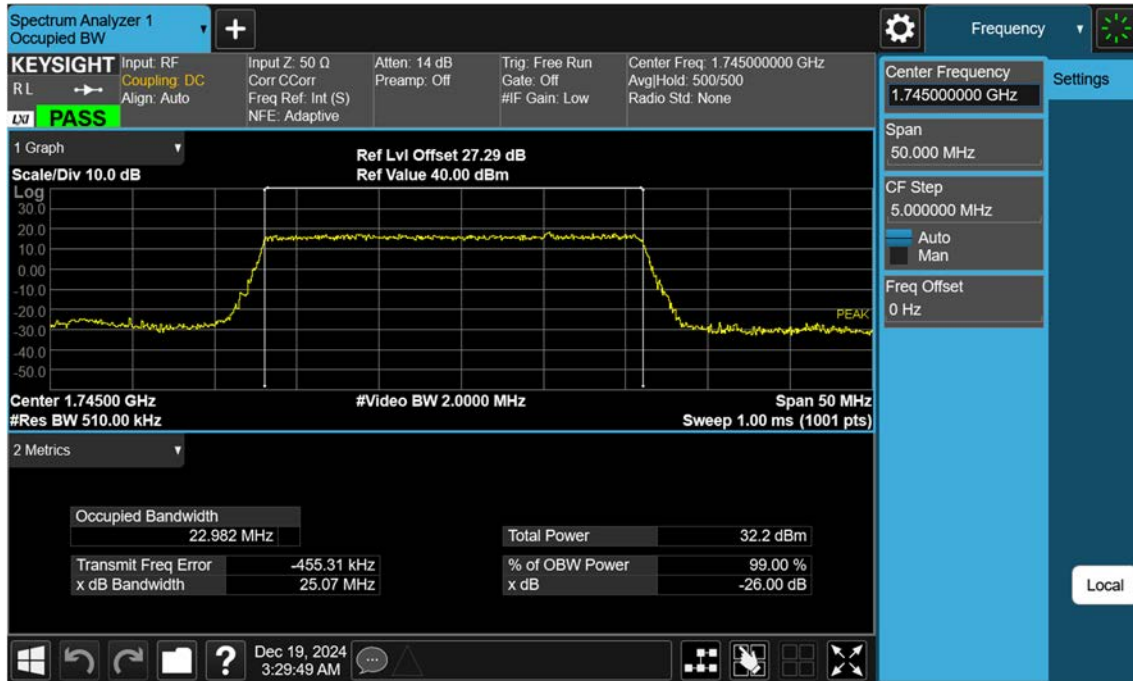
NR66_20 M_OBW_Mid_64QAM_FullRB



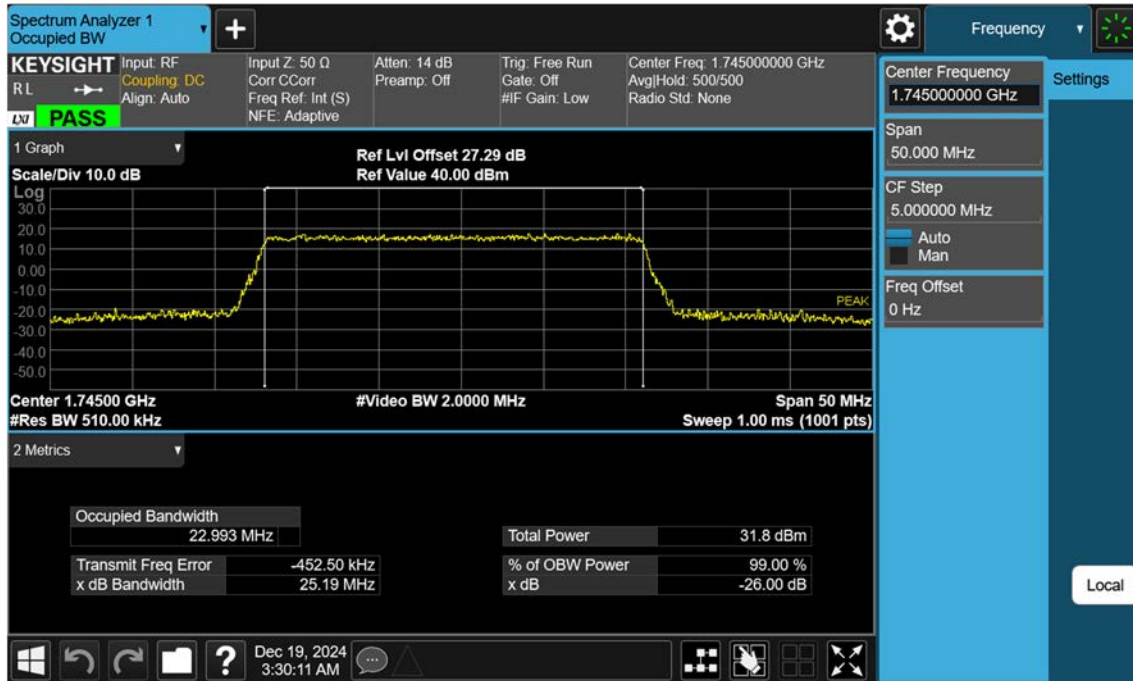
NR66_20 M_OBW_Mid_256QAM_FullRB



NR66_25 M_OBW_Mid_BPSK_FullRB



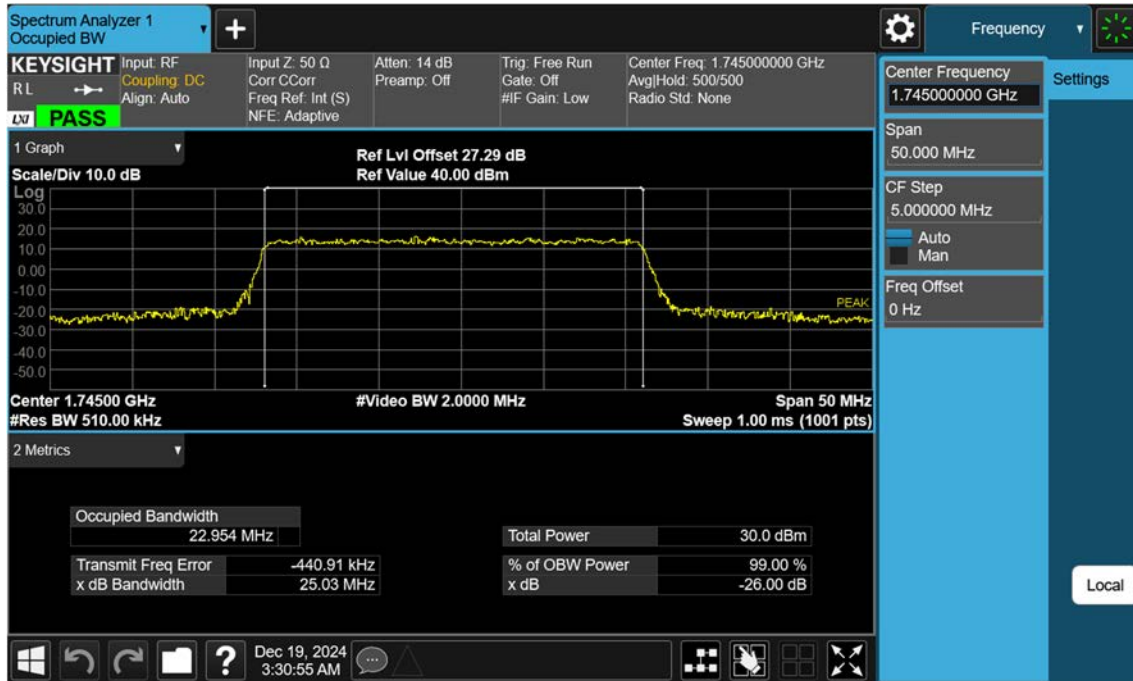
NR66_25 M_OBW_Mid_QPSK_FullRB



NR66_25 M_OBW_Mid_16QAM_FullRB



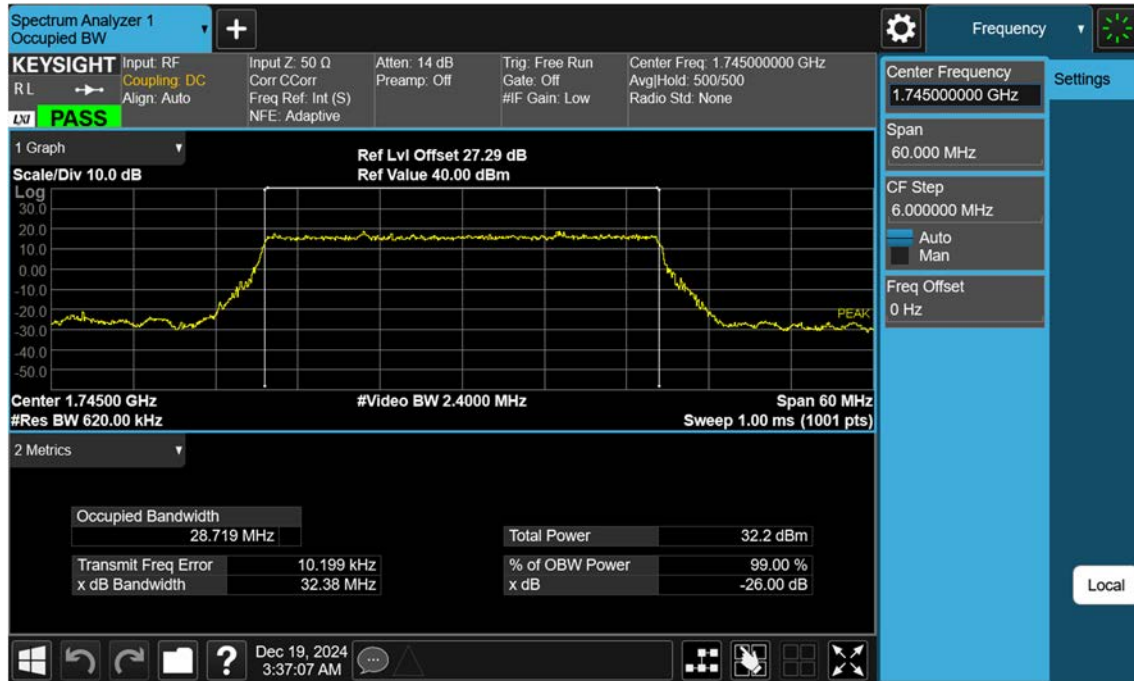
NR66_25 M_OBW_Mid_64QAM_FullRB



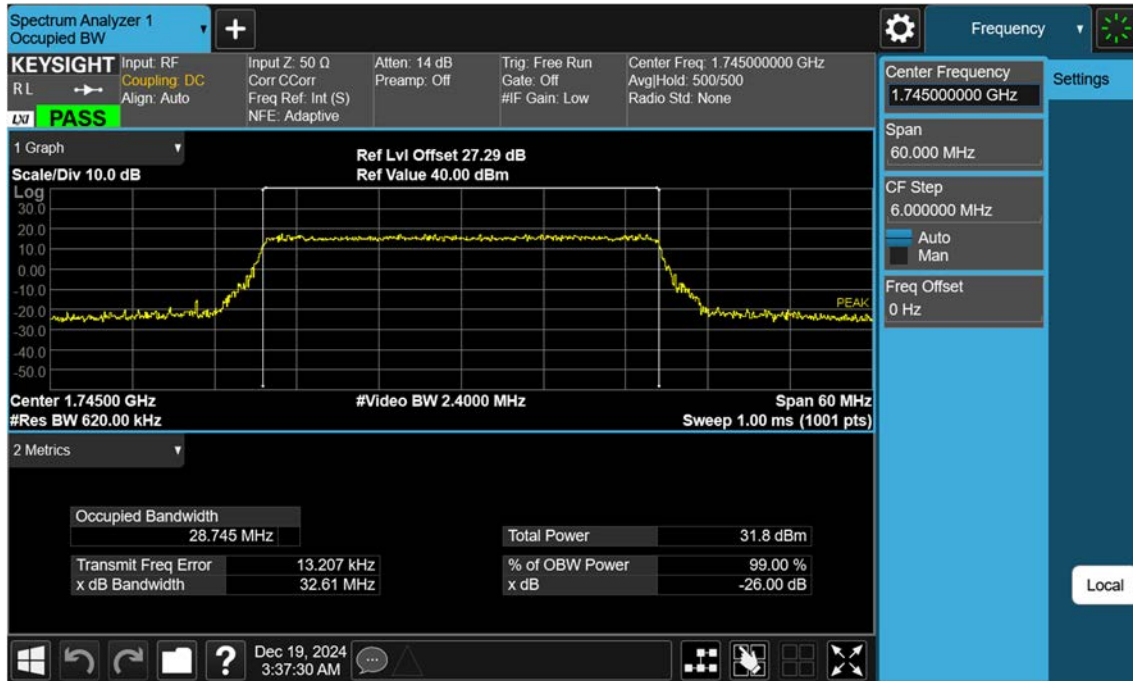
NR66_25 M_OBW_Mid_256QAM_FullRB



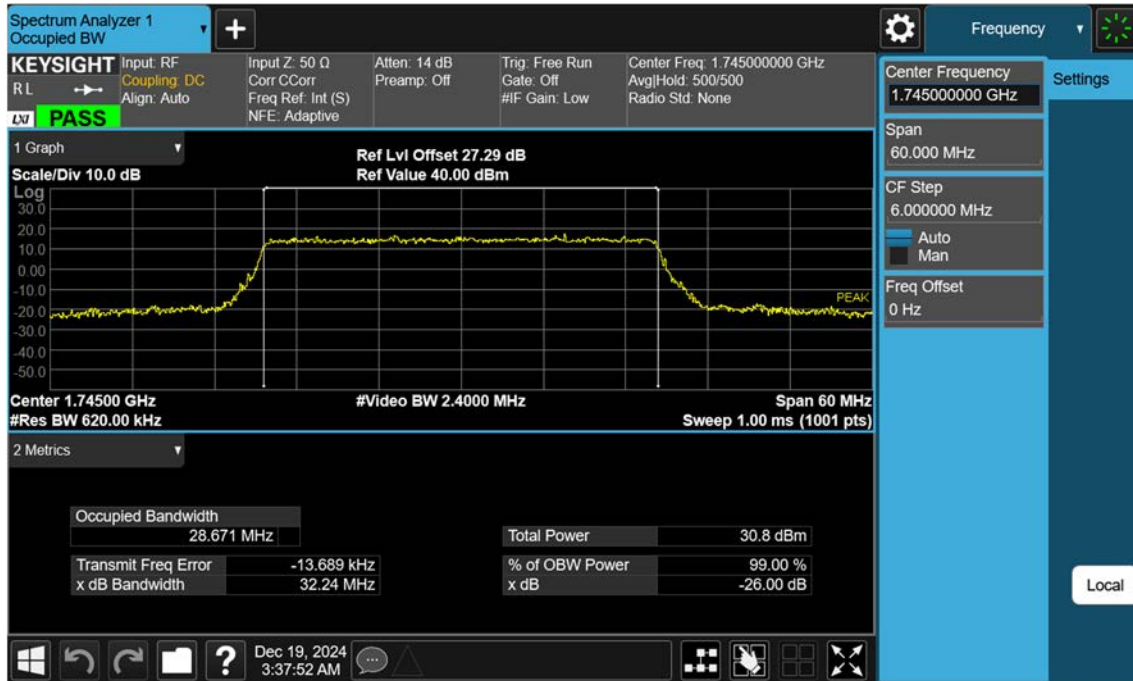
NR66_30 M_OBW_Mid_BPSK_FullRB



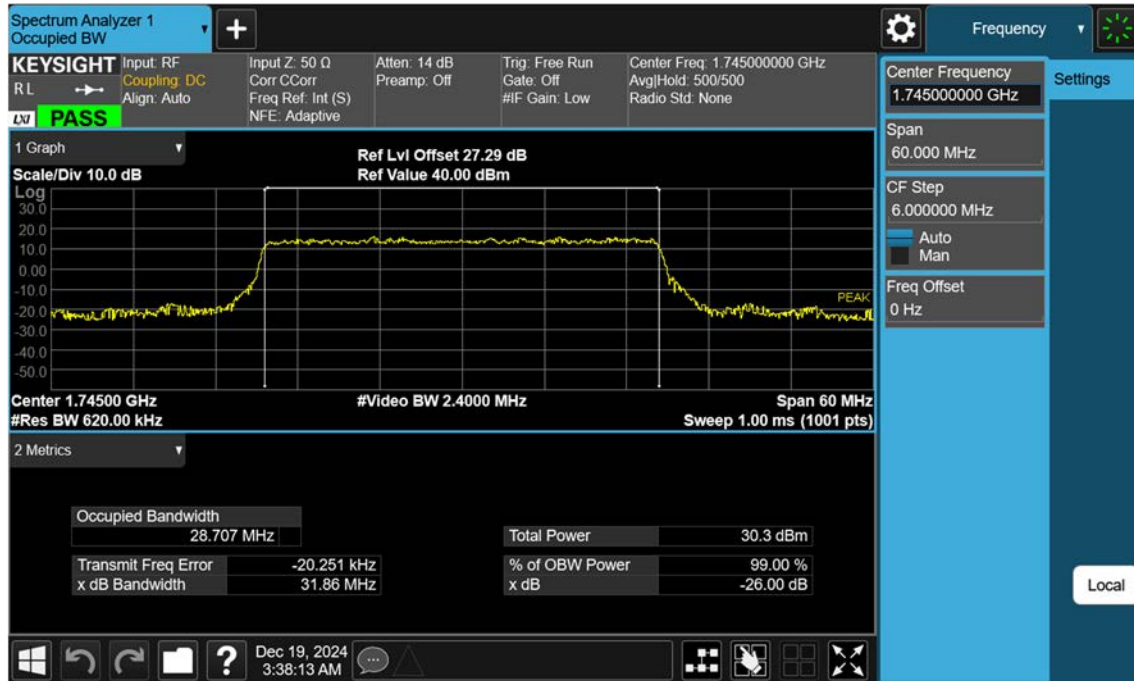
NR66_30 M_OBW_Mid_QPSK_FullRB



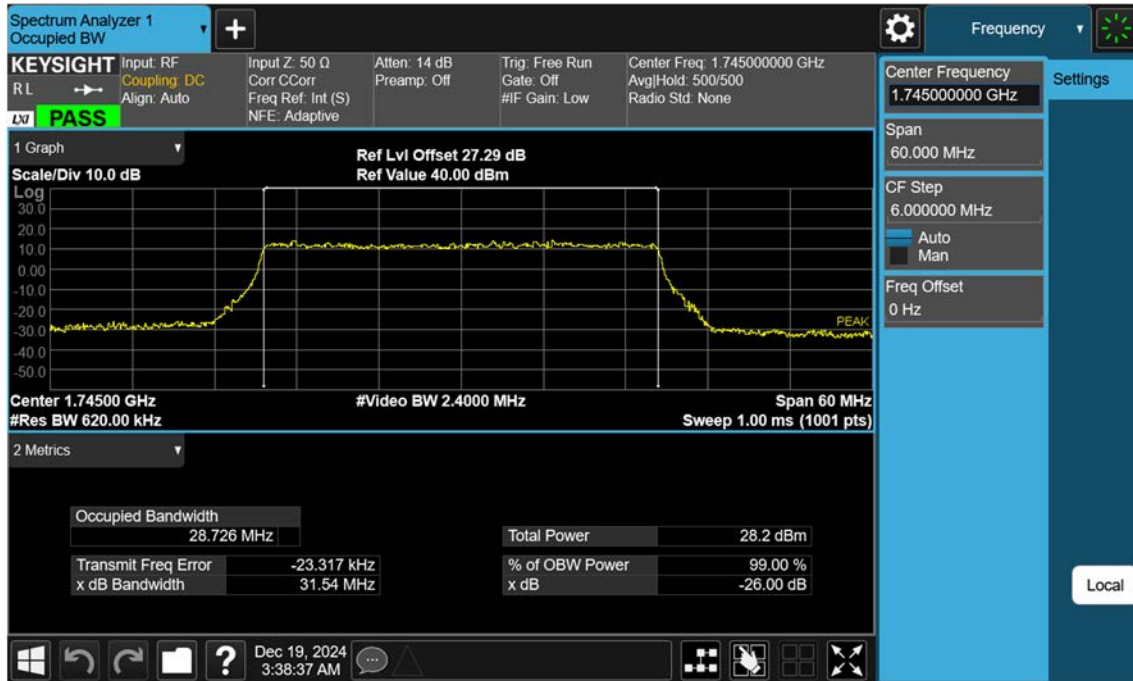
NR66_30 M_OBW_Mid_16QAM_FullRB



NR66_30 M_OBW_Mid_64QAM_FullRB



NR66_30 M_OBW_Mid_256QAM_FullRB



NR66_40 M_OBW_Mid_BPSK_FullRB

