

Spectrum Analyzer 1
ACP

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
PNO: Best Wide

Trig: Free Run
Gate: Off
IF Gain: Low

Center Freq: 3.624990000 GHz
Avg/Hold: 10/10
Radio Std: None
Noise Correction: Off

Center Frequency
3.624990000 GHz

Span
45.0000000 MHz

CF Step
4.5000000 MHz

Auto
Man

Freq Offset
0 Hz

1 Graph

Scale/Div 10.0 dB

Ref Lvl Offset 34.56 dB
Ref Value 30.00 dBm

Center 3.62499 GHz
Res BW 430 kHz

#Video BW 1.8000 MHz*

Span 45 MHz
#Sweep 1.00 s (1001 pts)

2 Metrics

Total Car Pwr 19.295 dBm/15.00 MHz

Total PSD ---

Measure Trace **Trace 1**

Trace Type **Trace Average (Active)**

Lower				Upper				
ACP		Reference		ACP		Reference		
Offs Freq	Integ BW	dBc	dBm	dBm	Car #	dBc	dBm	
A	15.00 MHz	15.00 MHz	-46.29	-26.99	19.30	1	-50.53	-31.24

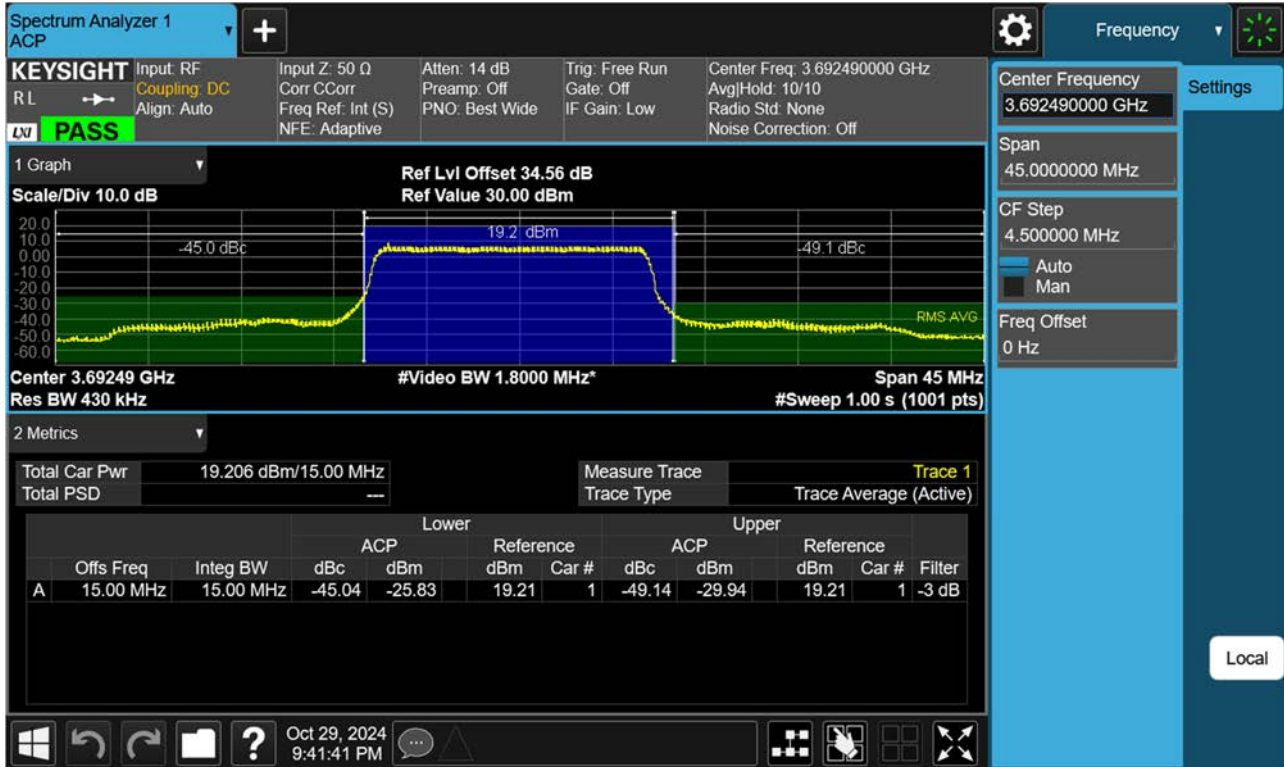
Reference
dBm Car # Filter

19.30 1 -3 dB

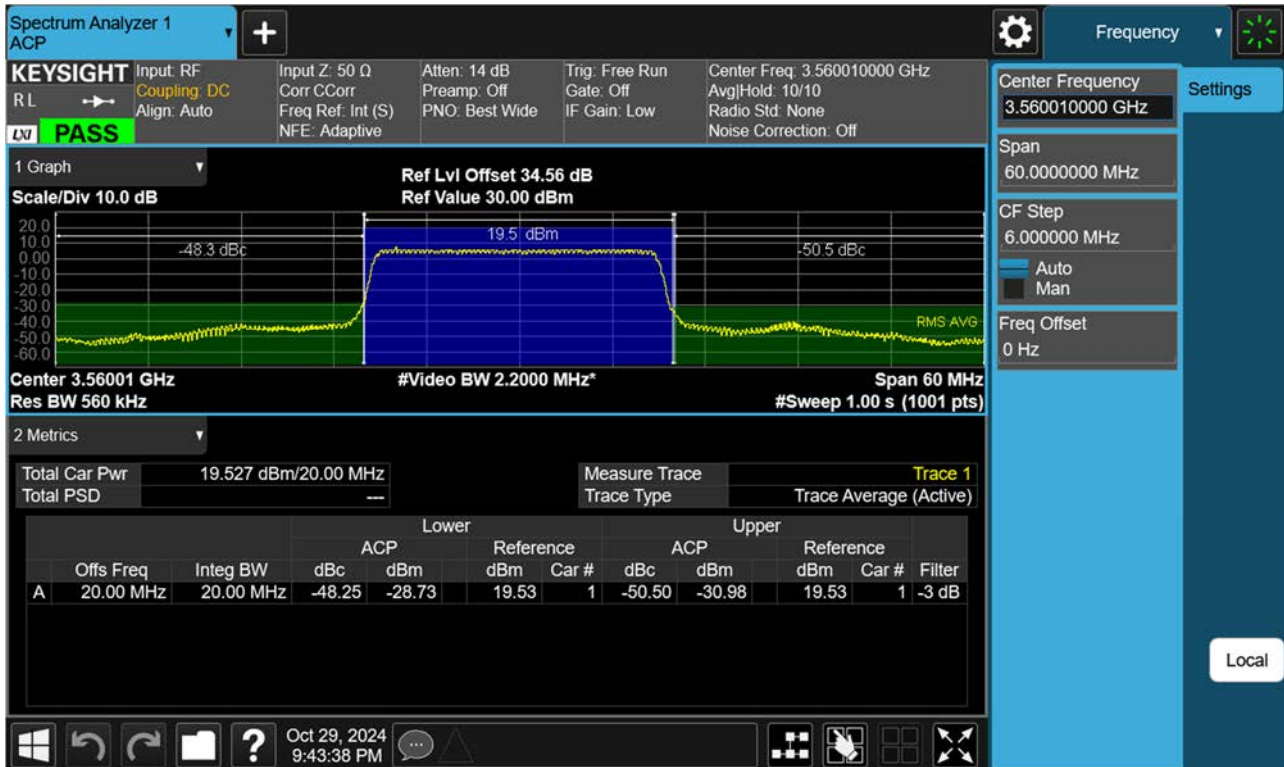
Local

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Sub6 n48. Adjacent Channel Leakage Ratio(ACLR) Plot (15 MHz Ch.646166 BPSK RB 36, Offset 0)



Sub6 n48. Adjacent Channel Leakage Ratio(ACLR) Plot (20 MHz Ch.637334 BPSK RB 50, Offset 0)



Spectrum Analyzer 1
ACP

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
PNO: Best Wide

Trig: Free Run
Gate: Off
IF Gain: Low

Center Freq: 3.624990000 GHz
Avg/Hold: 10/10
Radio Std: None
Noise Correction: Off

Center Frequency
3.624990000 GHz

Span
60.0000000 MHz

CF Step
6.0000000 MHz

Auto
Man

Freq Offset
0 Hz

1 Graph
Scale/Div 10.0 dB
Ref Lvl Offset 34.56 dB
Ref Value 30.00 dBm

Center 3.62499 GHz
Res BW 560 kHz
#Video BW 2.2000 MHz*
Span 60 MHz
#Sweep 1.00 s (1001 pts)

2 Metrics

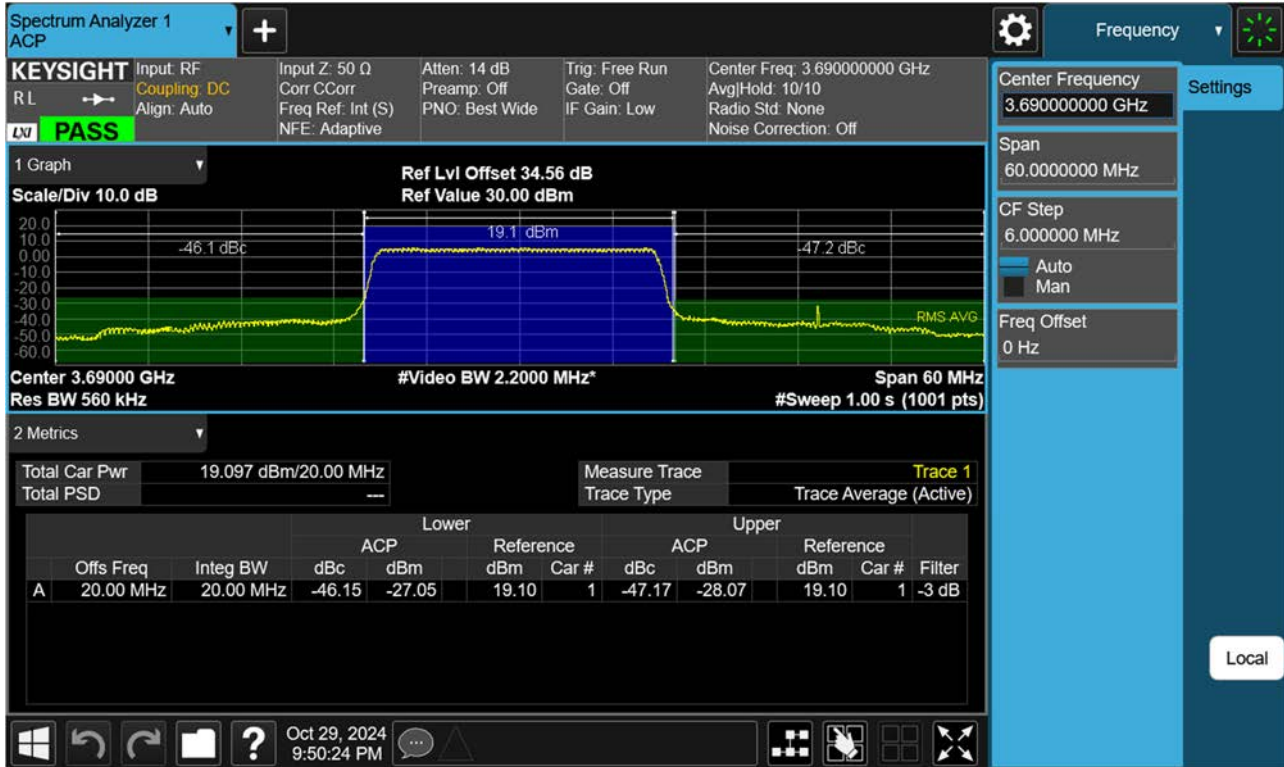
Total Car Pwr 19.285 dBm/20.00 MHz
Total PSD

Measure Trace Trace 1
Trace Type Trace Average (Active)

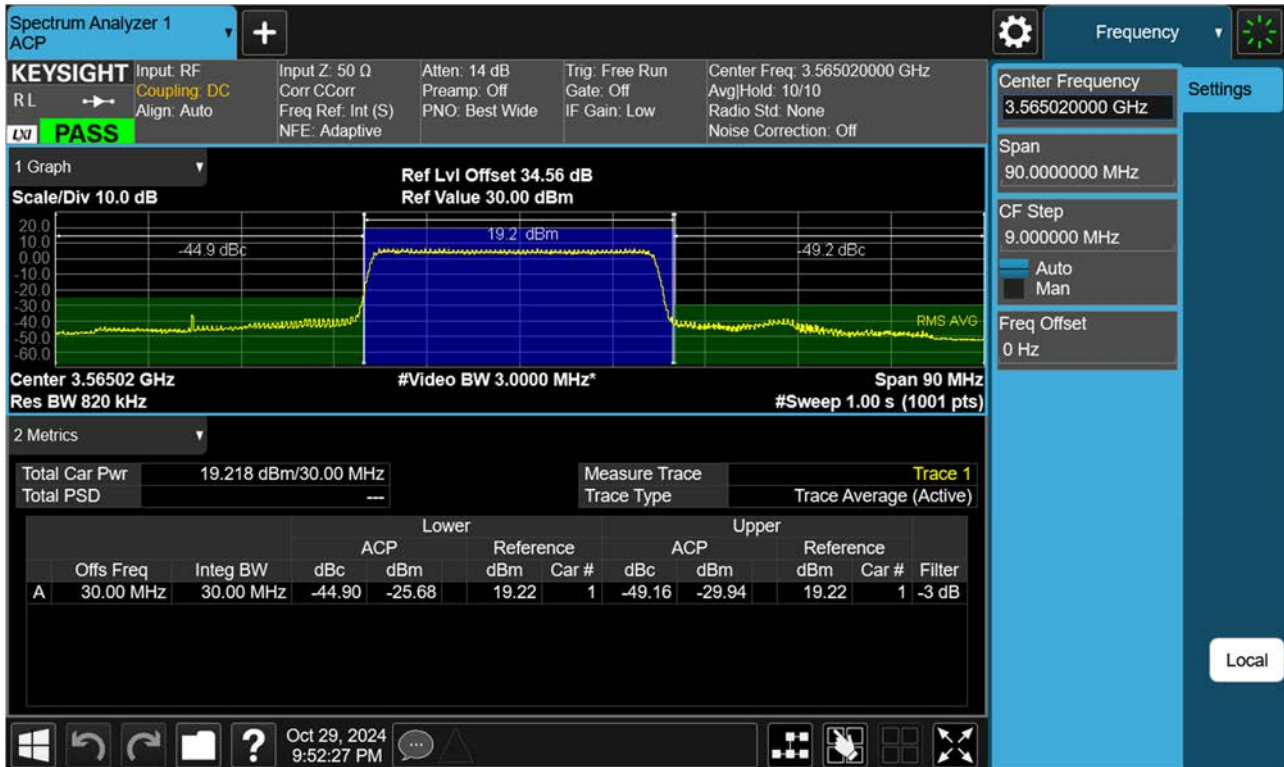
Lower				Upper				
ACP		Reference		ACP		Reference		
Offs Freq	Integ BW	dBc	dBm	dBm	Car #	dBc	dBm	
A	20.00 MHz	20.00 MHz	-46.92	-27.63	19.28	1	-50.13	-30.85

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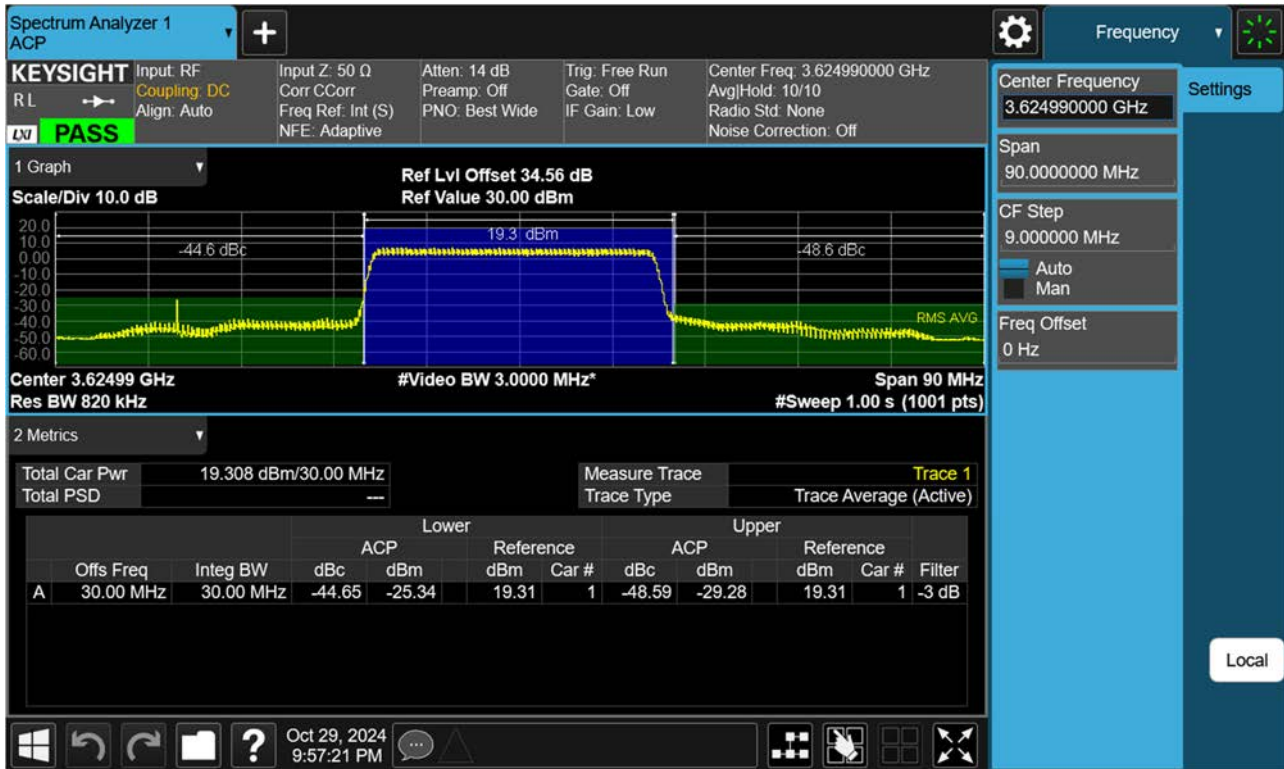
Sub6 n48. Adjacent Channel Leakage Ratio(ACLR) Plot (20 MHz Ch.646000 BPSK RB 50, Offset 0)



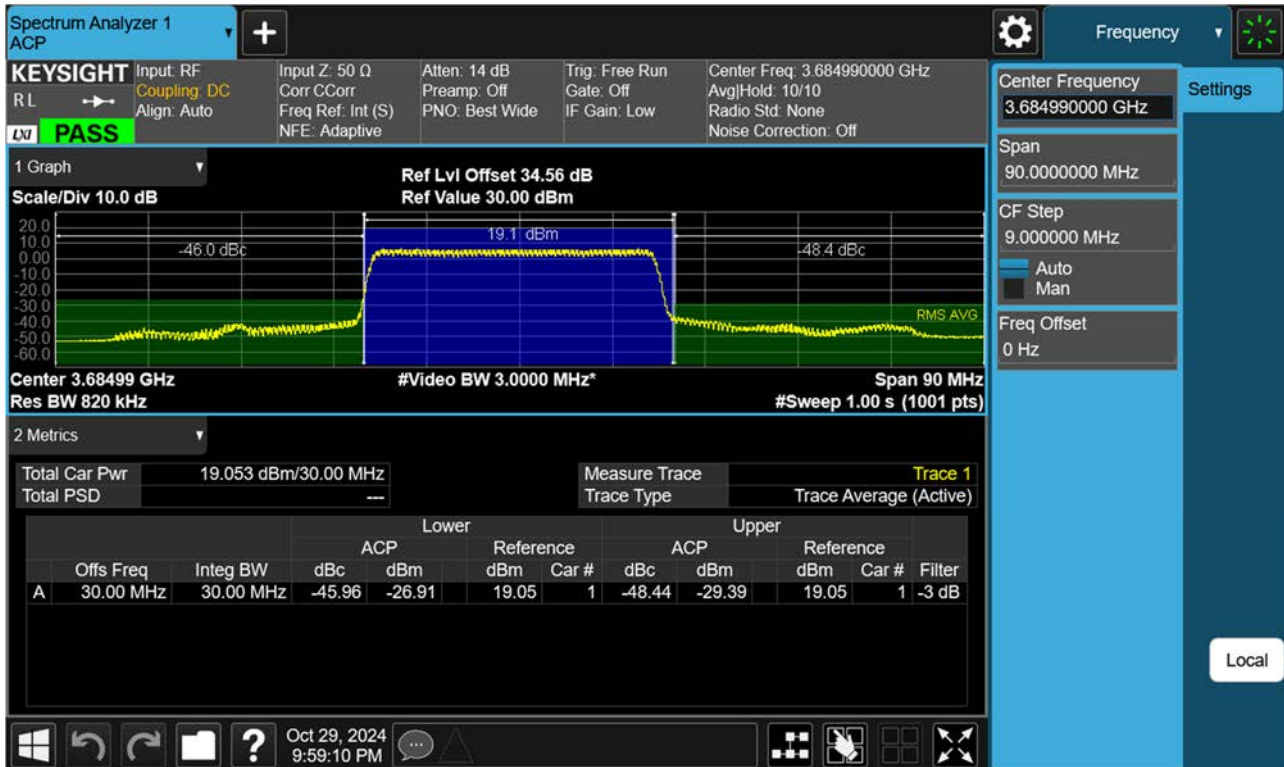
Sub6 n48. Adjacent Channel Leakage Ratio(ACLR) Plot (30 MHz Ch.638000 BPSK RB 75, Offset 0)



Sub6 n48. Adjacent Channel Leakage Ratio(ACLR) Plot (30 MHz Ch.641666 BPSK RB 75, Offset 0)



Sub6 n48. Adjacent Channel Leakage Ratio(ACLR) Plot (30 MHz Ch.645332 BPSK RB 75, Offset 0)



Spectrum Analyzer 1

+

Frequency

Settings

KEYSIGHT

Input: RF

Coupling: DC

Align: Auto

Input Z: 50 Ω

Corr CCorr

Freq Ref: Int (S)

NFE: Adaptive

Atten: 14 dB

Preamp: Off

PNO: Best Wide

Trig: Free Run

Gate: Off

IF Gain: Low

Center Freq: 3.57000000 GHz

Avg/Hold: 10/10

Radio Std: None

Noise Correction: Off

Center Frequency

3.57000000 GHz

Span

120.000000 MHz

CF Step

12.000000 MHz

Auto

Man

Freq Offset

0 Hz

1 Graph

Ref Lvl Offset 34.56 dB

Ref Value 30.00 dBm

Scale/Div 10.0 dB

Center 3.57000 GHz

Res BW 1.1 MHz

#Video BW 4.0000 MHz*

Span 120 MHz

#Sweep 1.00 s (1001 pts)

2 Metrics

Total Car Pwr

19.189 dBm/40.00 MHz

Total PSD

Measure Trace

Trace 1

Trace Type

Trace Average (Active)

		Lower				Upper					
		ACP		Reference		ACP		Reference			
	Offs Freq	Integ BW	dBc	dBm	dBm	Car #	dBc	dBm	dBm	Car #	Filter
A	40.00 MHz	40.00 MHz	-38.94	-19.75	19.19	1	-50.55	-31.36	19.19	1	-3 dB

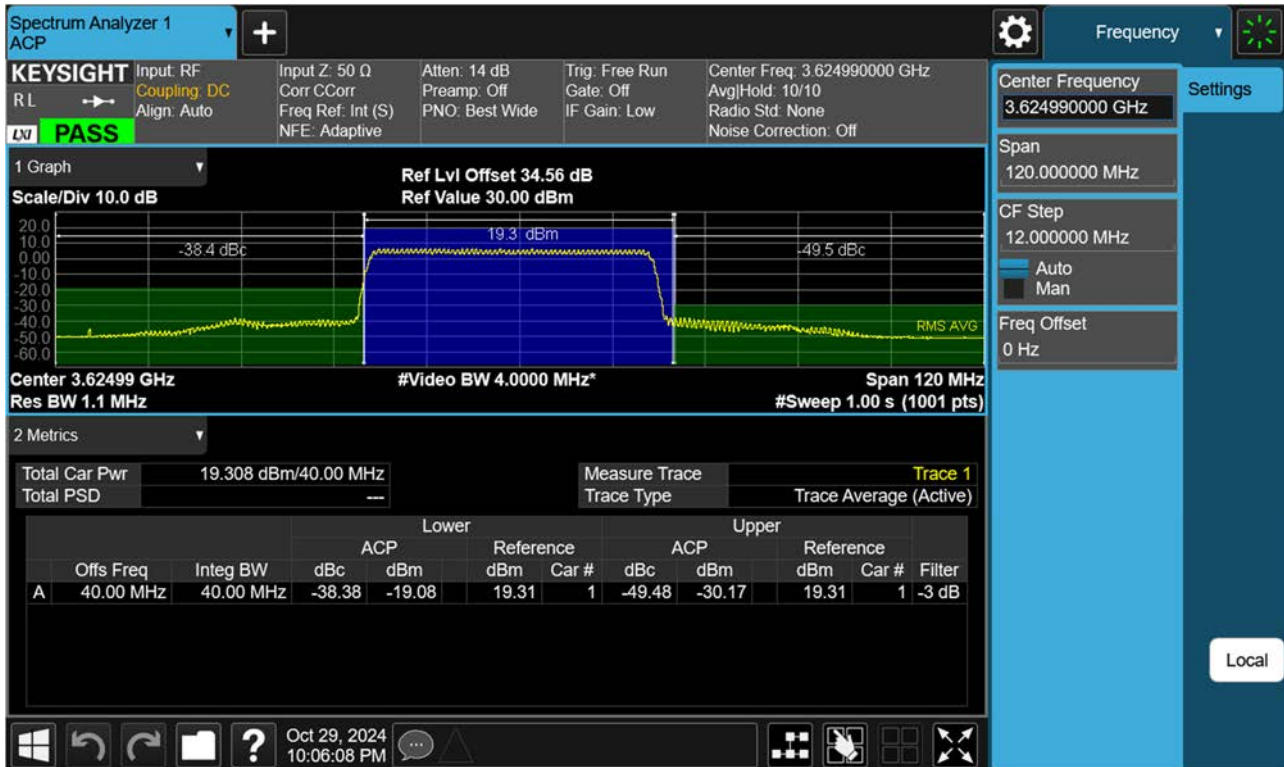
Local

Windows Taskbar

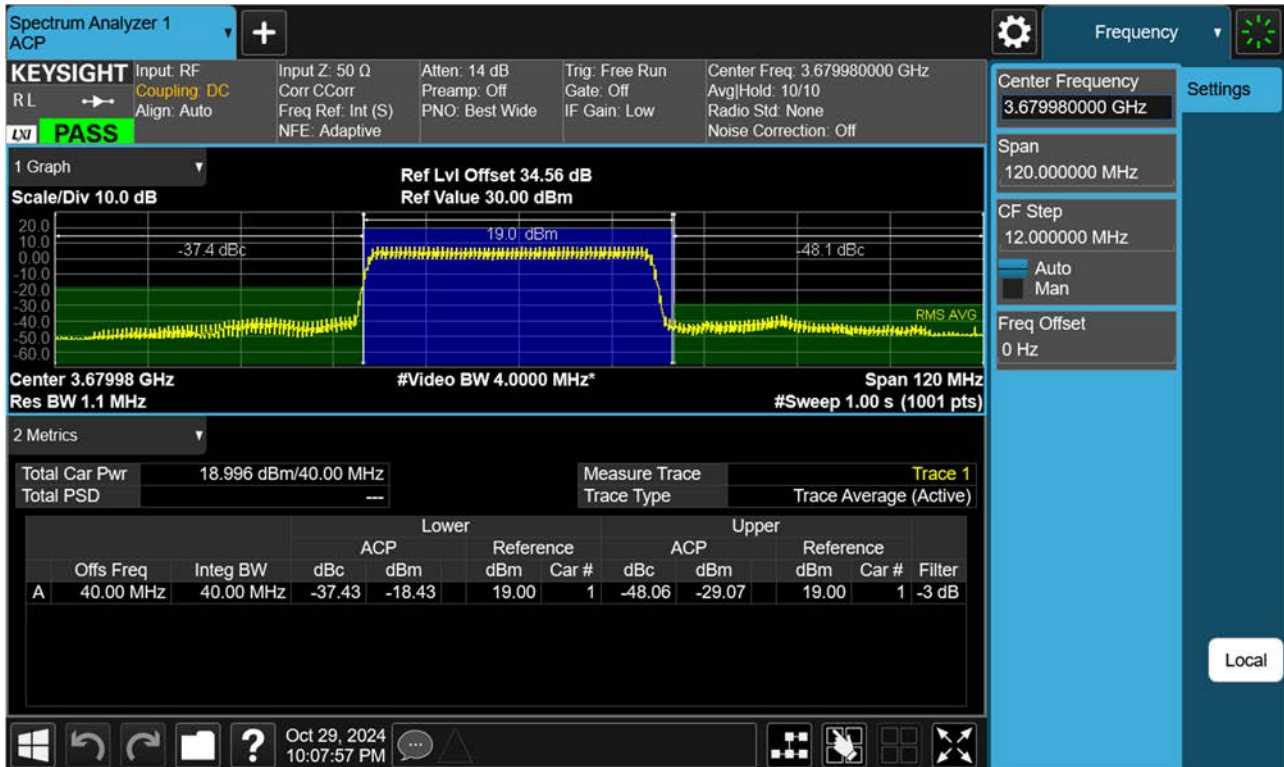
Oct 29, 2024

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Sub6 n48. Adjacent Channel Leakage Ratio(ACLR) Plot (40 MHz Ch.641666 BPSK RB 100, Offset 0)



Sub6 n48. Adjacent Channel Leakage Ratio(ACLR) Plot (40 MHz Ch.645332 BPSK RB 100, Offset 0)



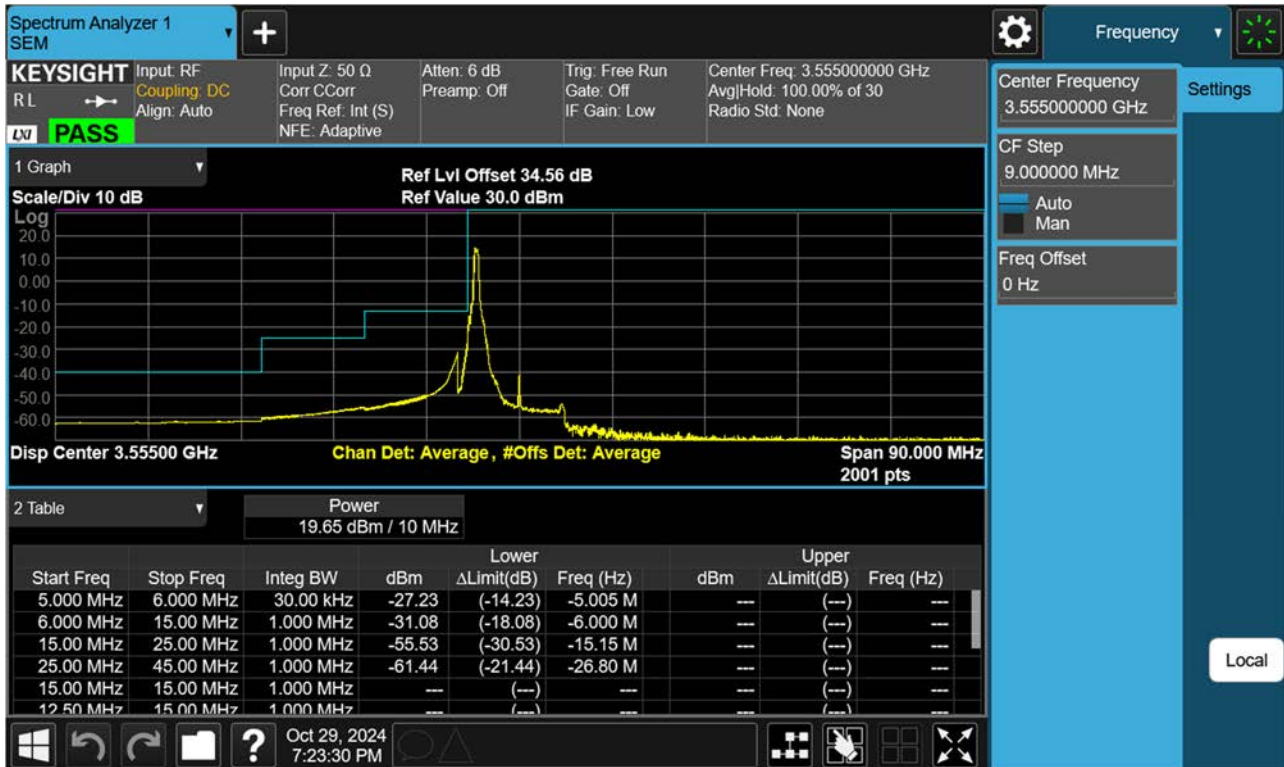
Sub6 n48. 10 M BandEdge(Lower)_Low_3555.00 MHz_BPSK_FullRB



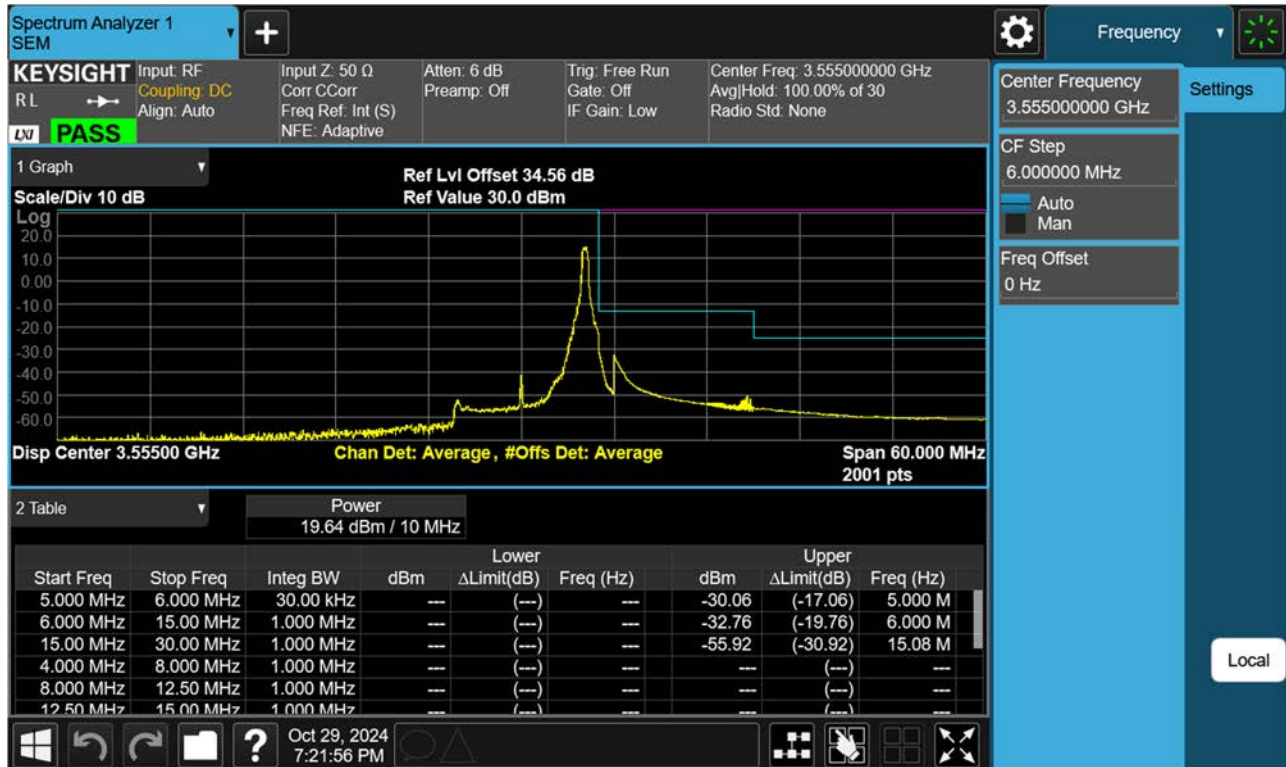
Sub6 n48. 10 M_BandEdge(Upper)_Low_ 3555.00 MHz_BPSK_FullRB



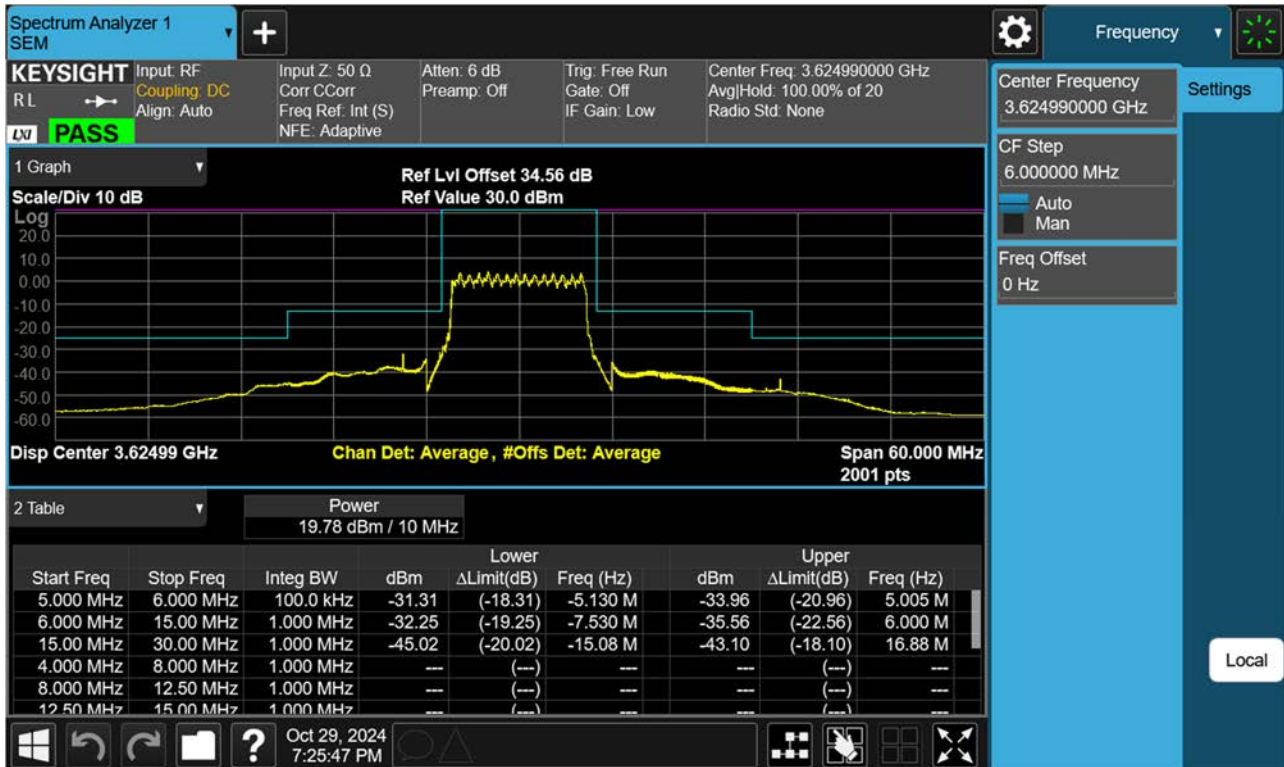
Sub6 n48. 10 M_BandEdge(Lower)_Low_ 3555.00 MHz_BPSK_1RB



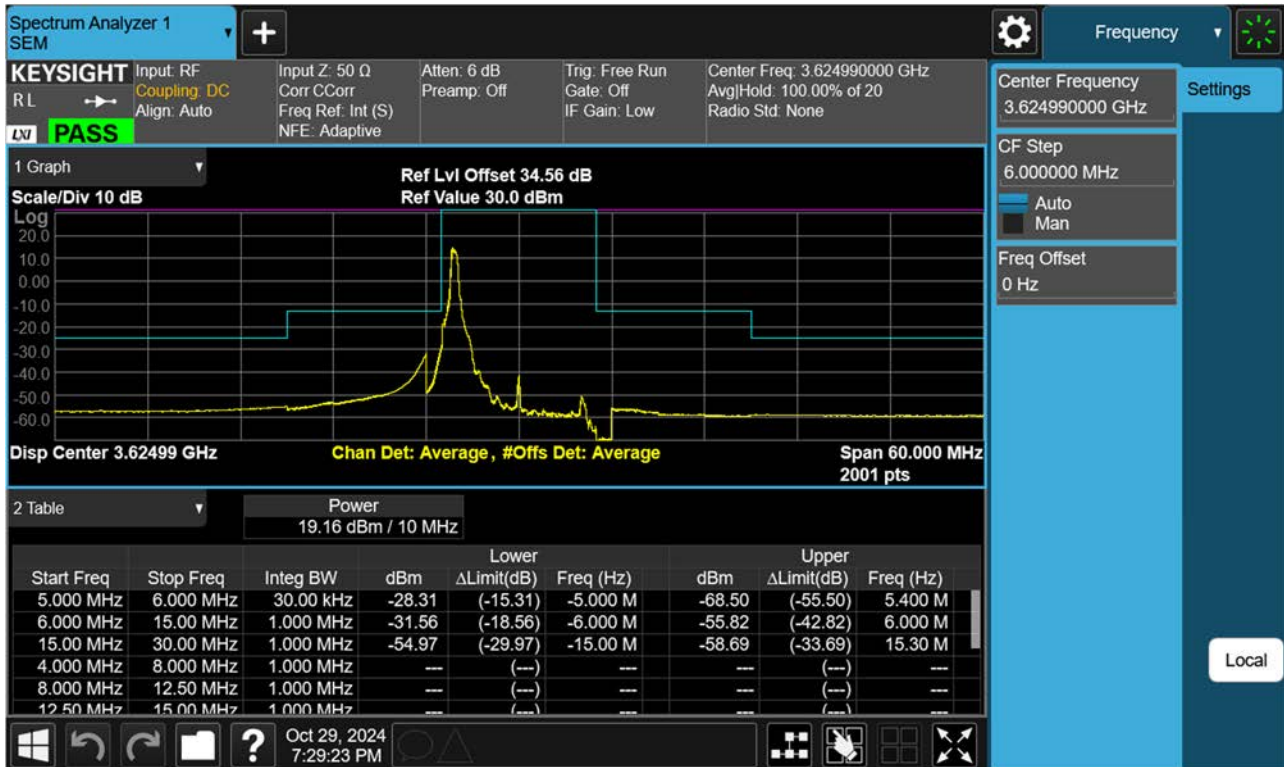
Sub6 n48. 10 M_BandEdge(Upper)_Low_ 3555.00 MHz_BPSK_1RB



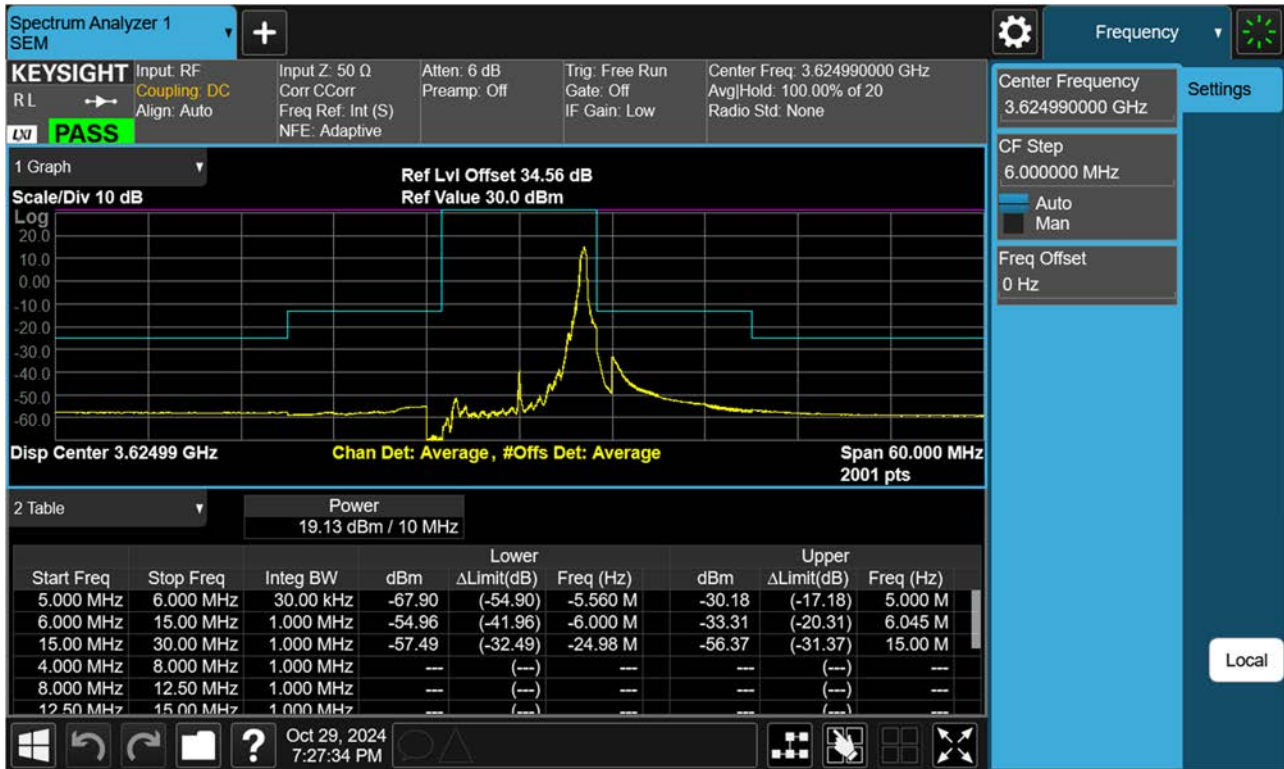
Sub6 n48. 10 M_BandEdge(Center)_Mid_3624.99 MHz_BPSK_FullRB



Sub6 n48. 10 M_BandEdge(Lower)_Mid_3624.99 MHz_BPSK_1RB



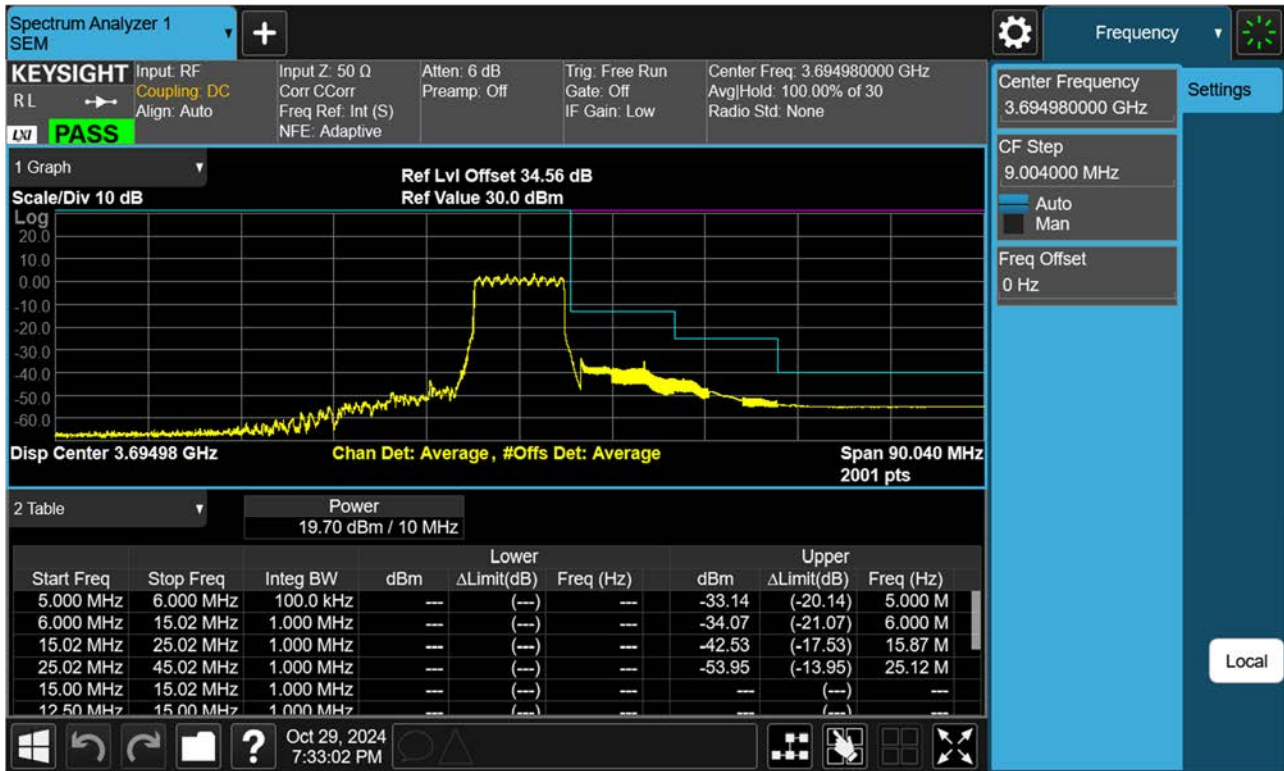
Sub6 n48. 10 M_BandEdge(Upper)_Mid_3624.99 MHz_BPSK_1RB



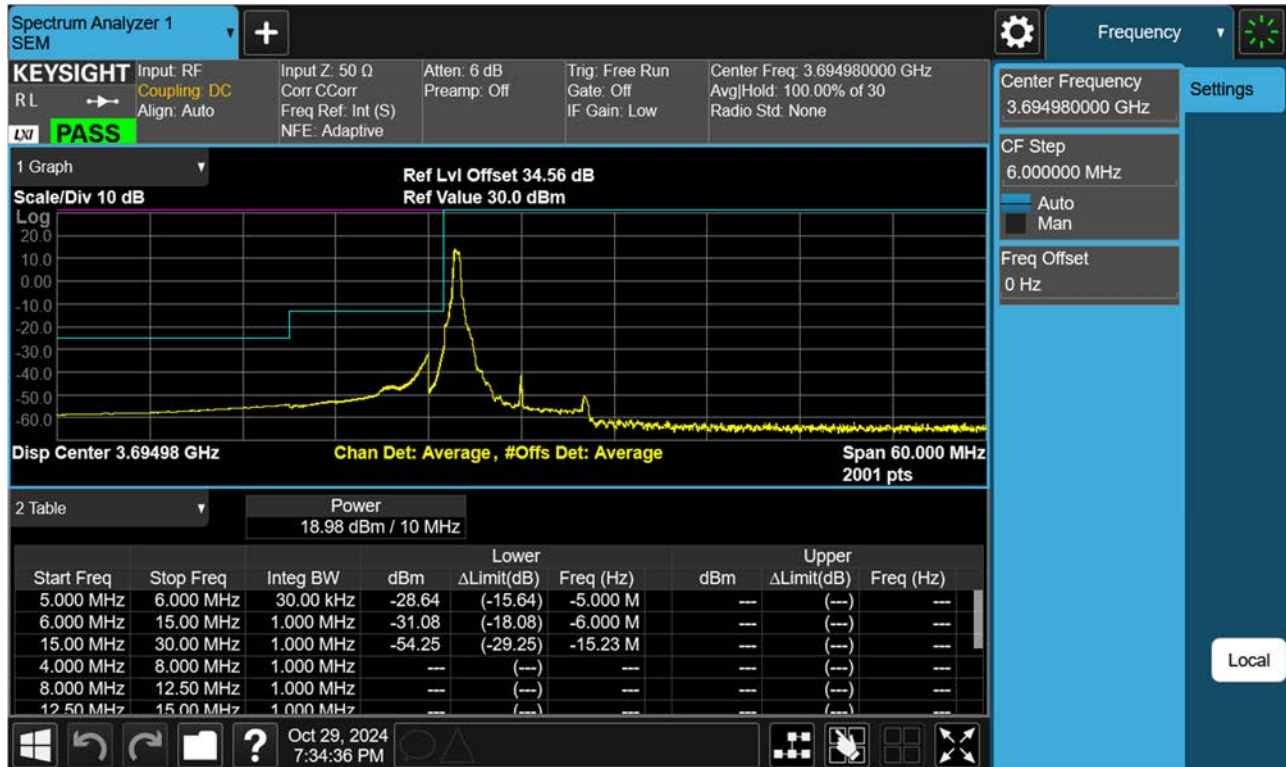
Sub6 n48. 10 M_BandEdge(Lower)_High_ 3694.98 MHz_BPSK_FullRB



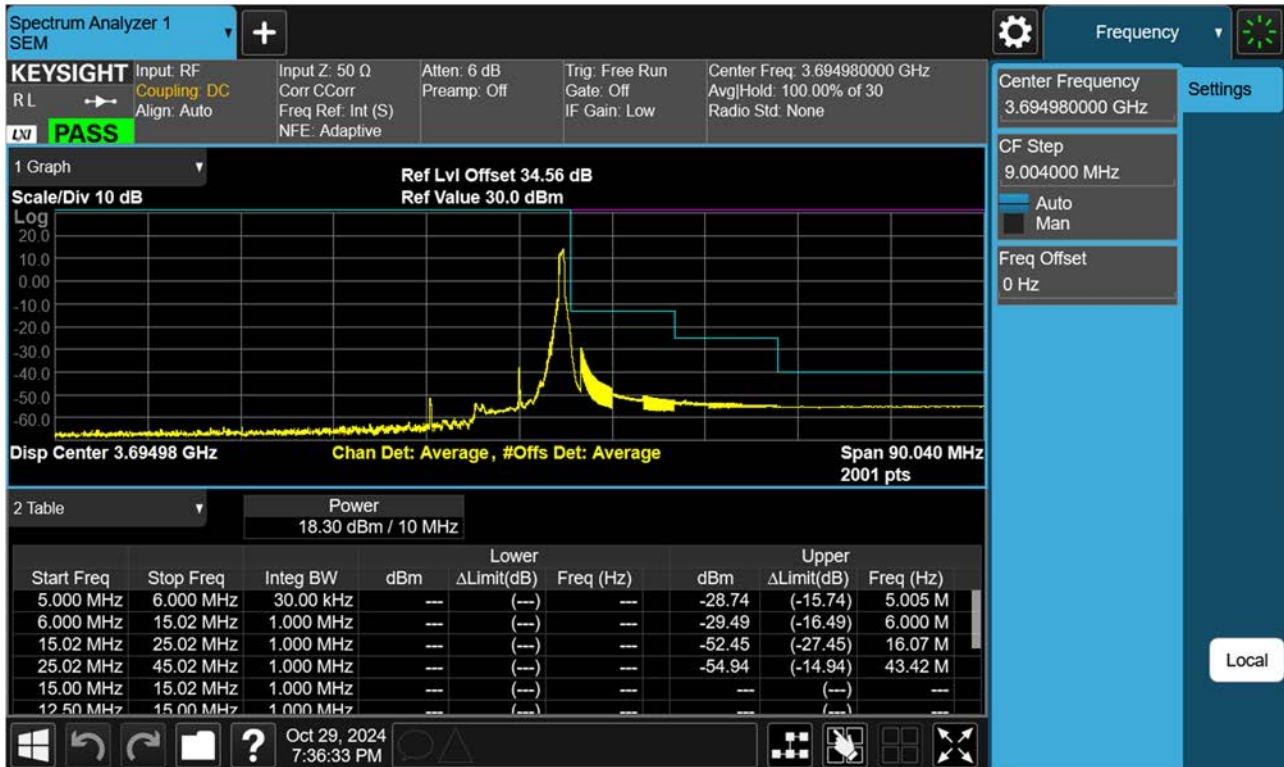
Sub6 n48. 10 M_BandEdge(Upper)_High_ 3694.98 MHz_BPSK_FullRB



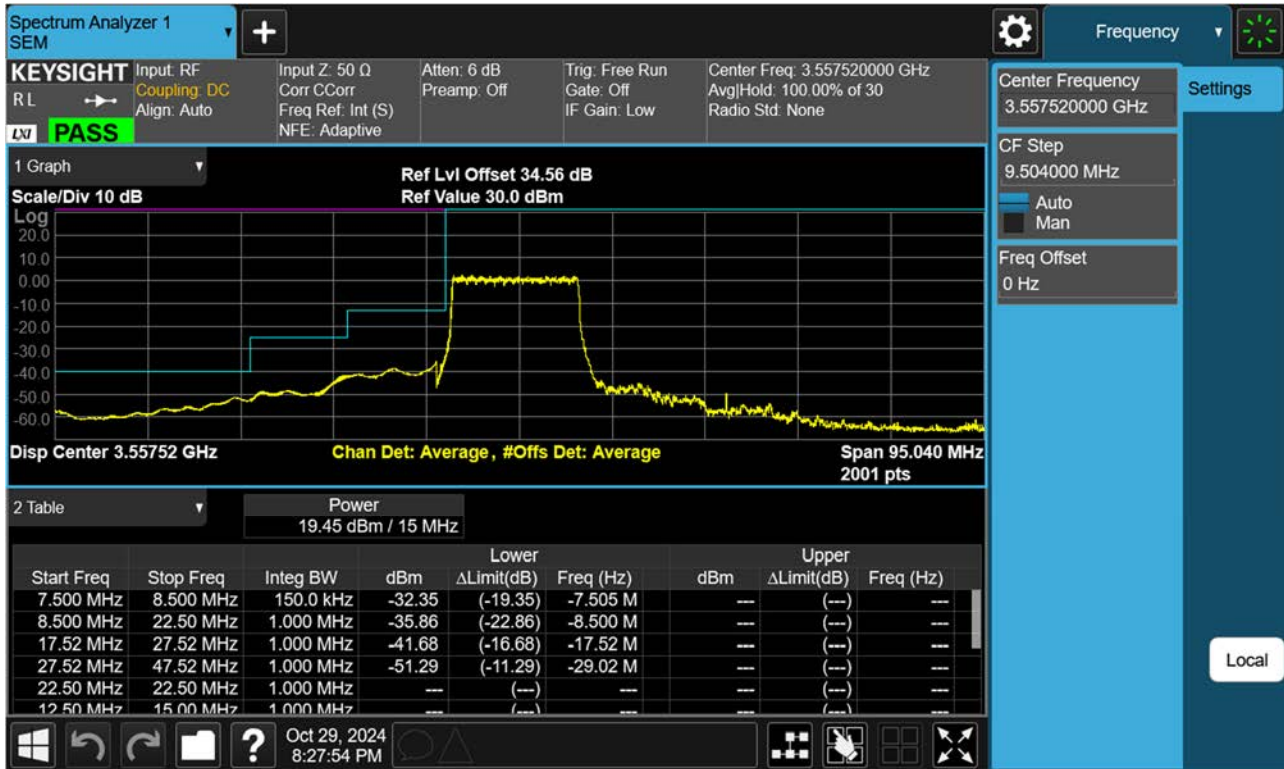
Sub6 n48. 10 M_BandEdge(Lower)_High_ 3694.98 MHz_BPSK_1RB



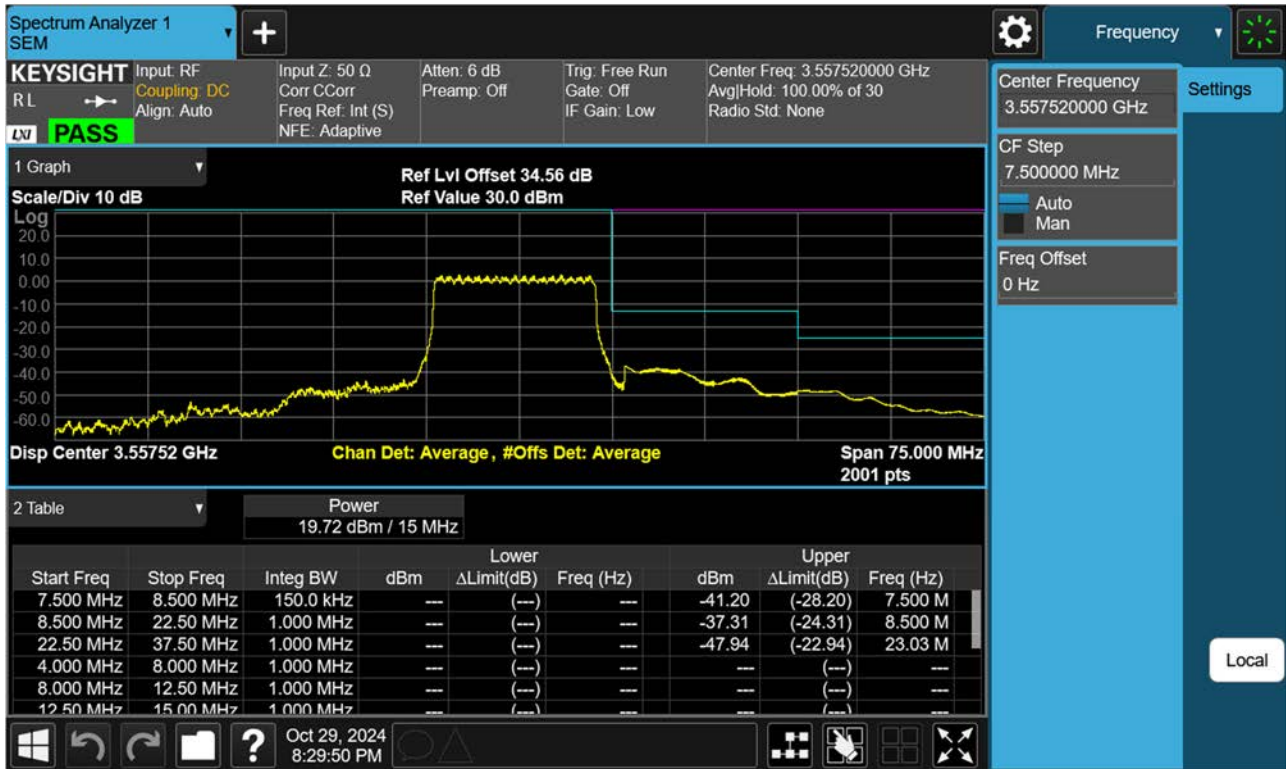
Sub6 n48. 10 M_BandEdge(Upper)_High_ 3694.98 MHz_BPSK_1RB



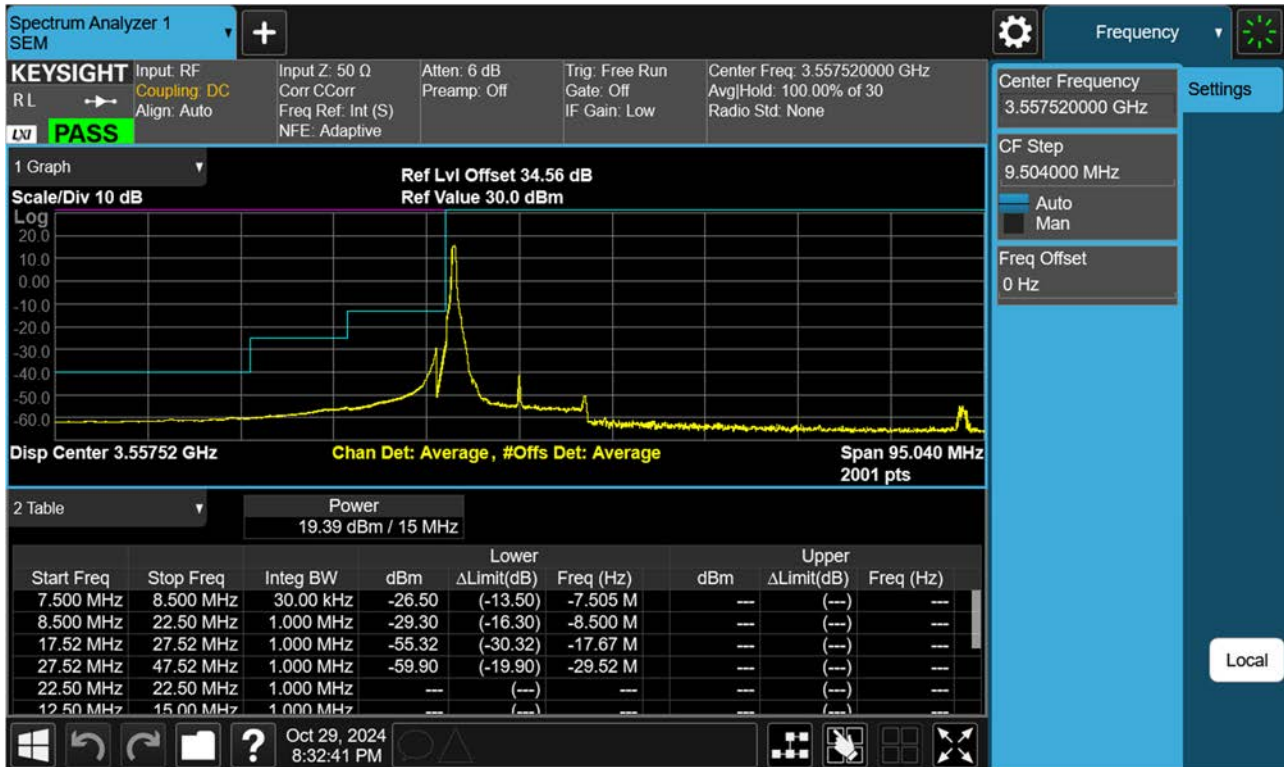
Sub6 n48. 15 M BandEdge(Lower)_Low_ 3557.52 MHz_BPSK_FullIRB



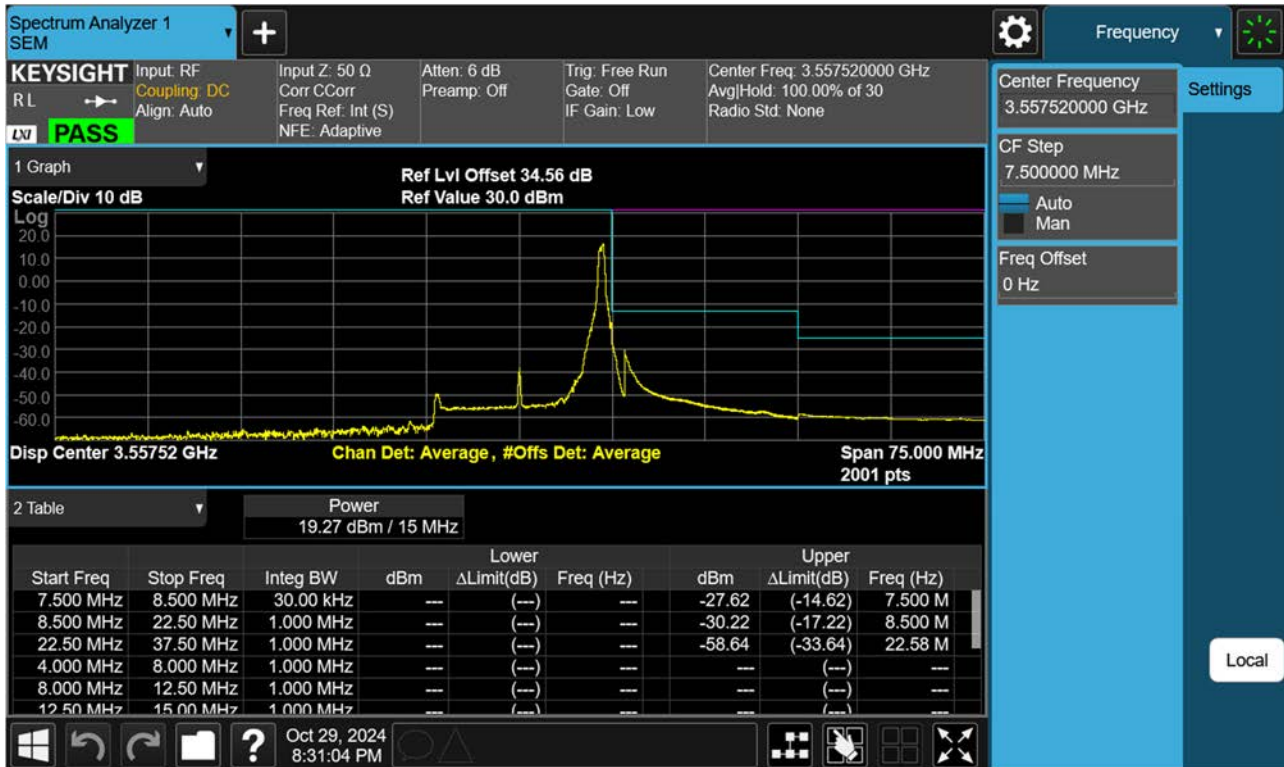
Sub6 n48. 15 M_BandEdge(Upper)_Low_ 3557.52 MHz_BPSK_FullRB



Sub6 n48. 15 M_BandEdge(Lower)_Low_ 3557.52 MHz_BPSK_1RB



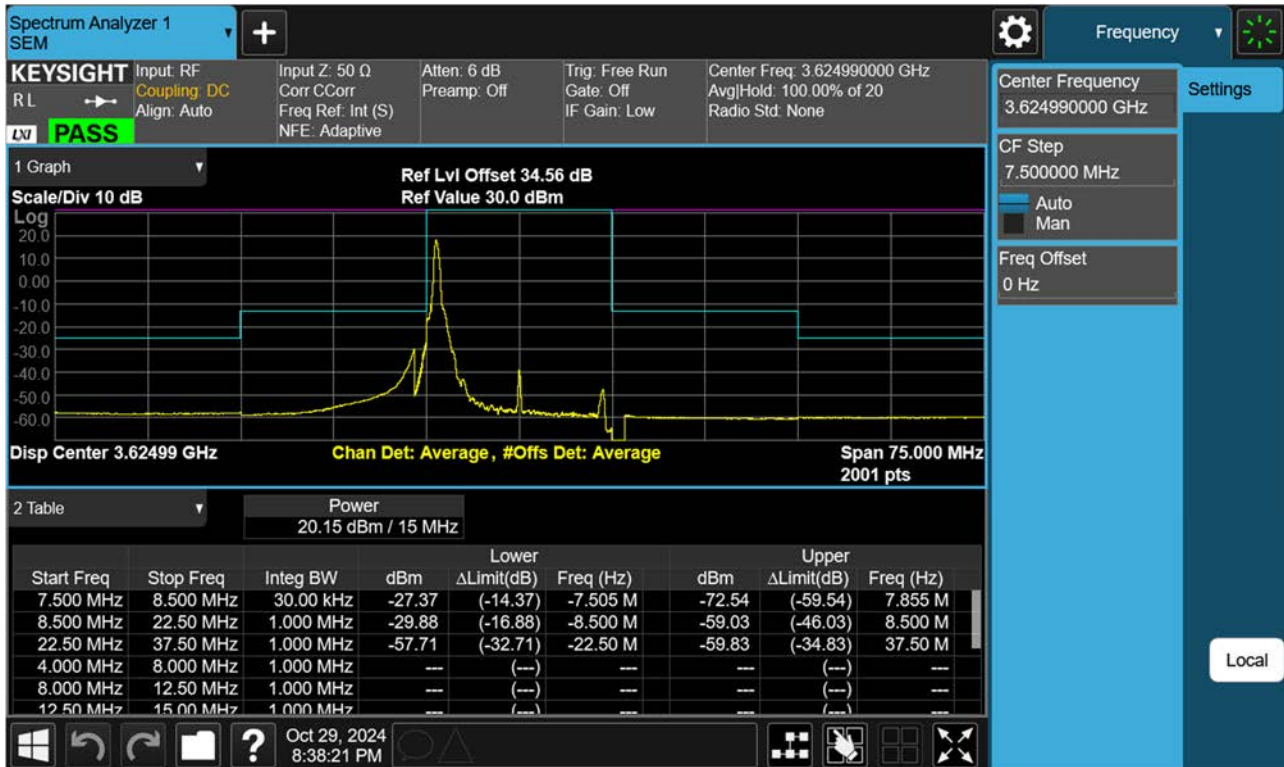
Sub6 n48. 15 M_BandEdge(Upper)_Low_ 3557.52 MHz_BPSK_1RB



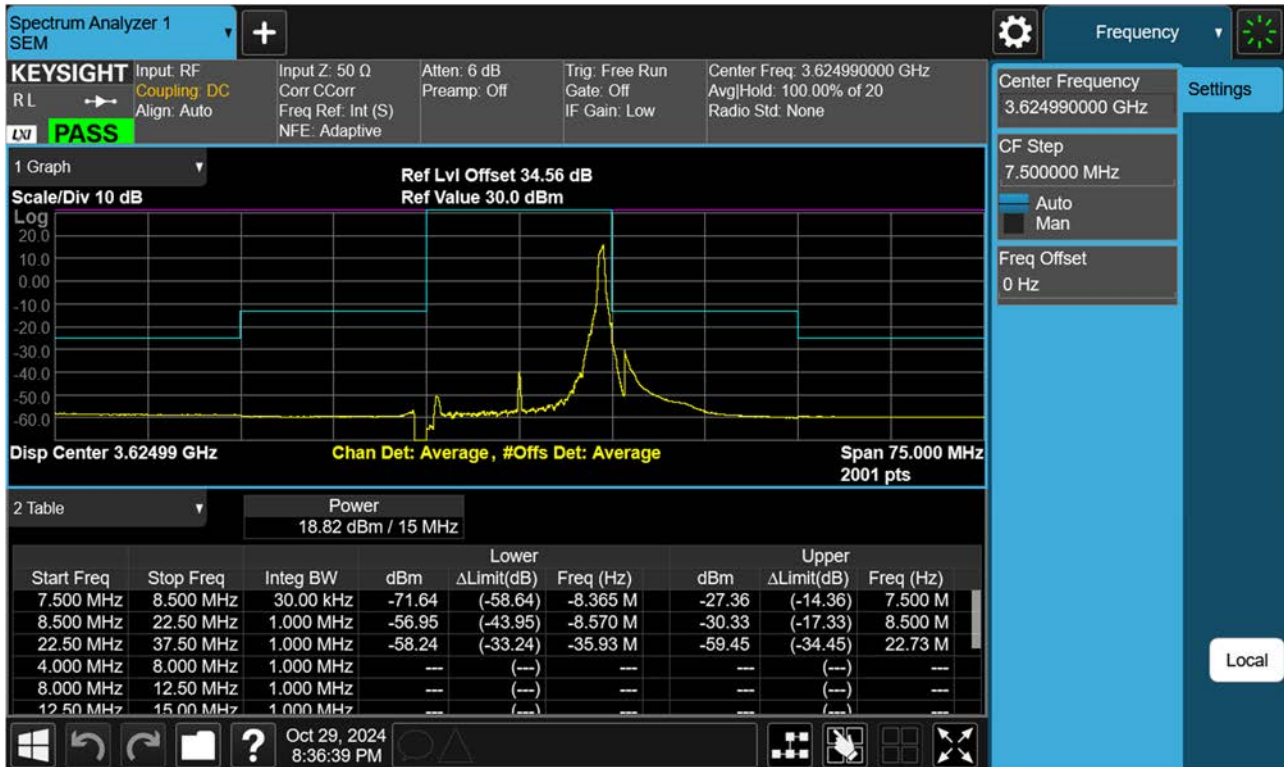
Sub6 n48. 15 M_BandEdge(Center)_Mid_3624.99 MHz_BPSK_FullRB



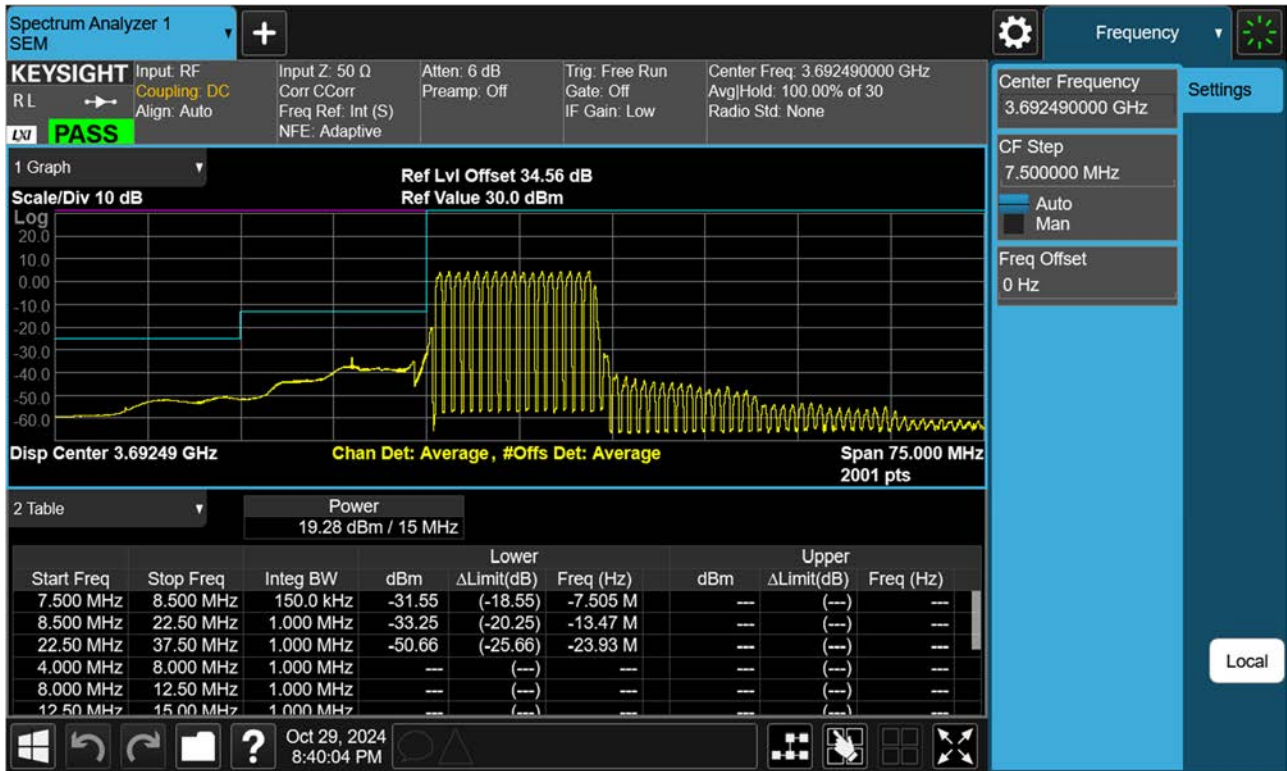
Sub6 n48. 15 M_BandEdge(Lower)_Mid_3624.99 MHz_BPSK_1RB



Sub6 n48. 15 M_BandEdge(Upper)_Mid_3624.99 MHz_BPSK_1RB



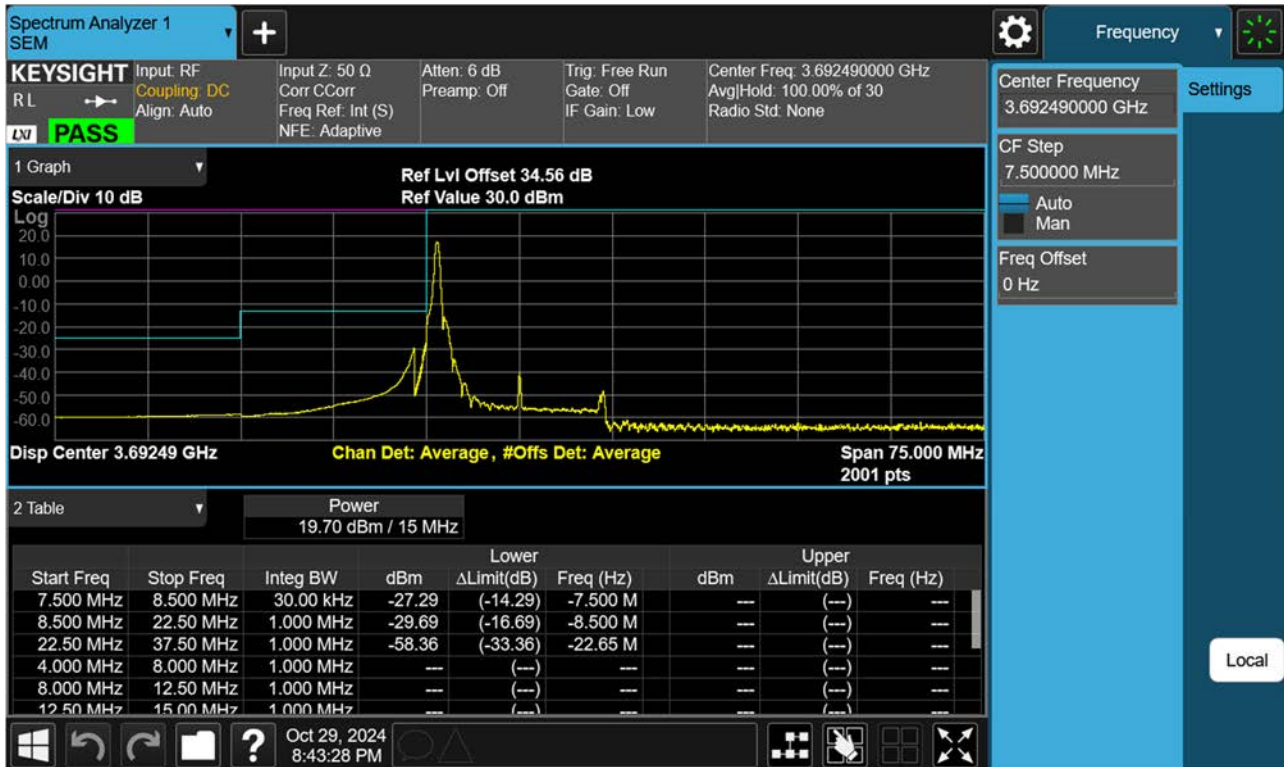
Sub6 n48. 15 M_BandEdge(Lower)_High_ 3692.49 MHz_BPSK_FullRB



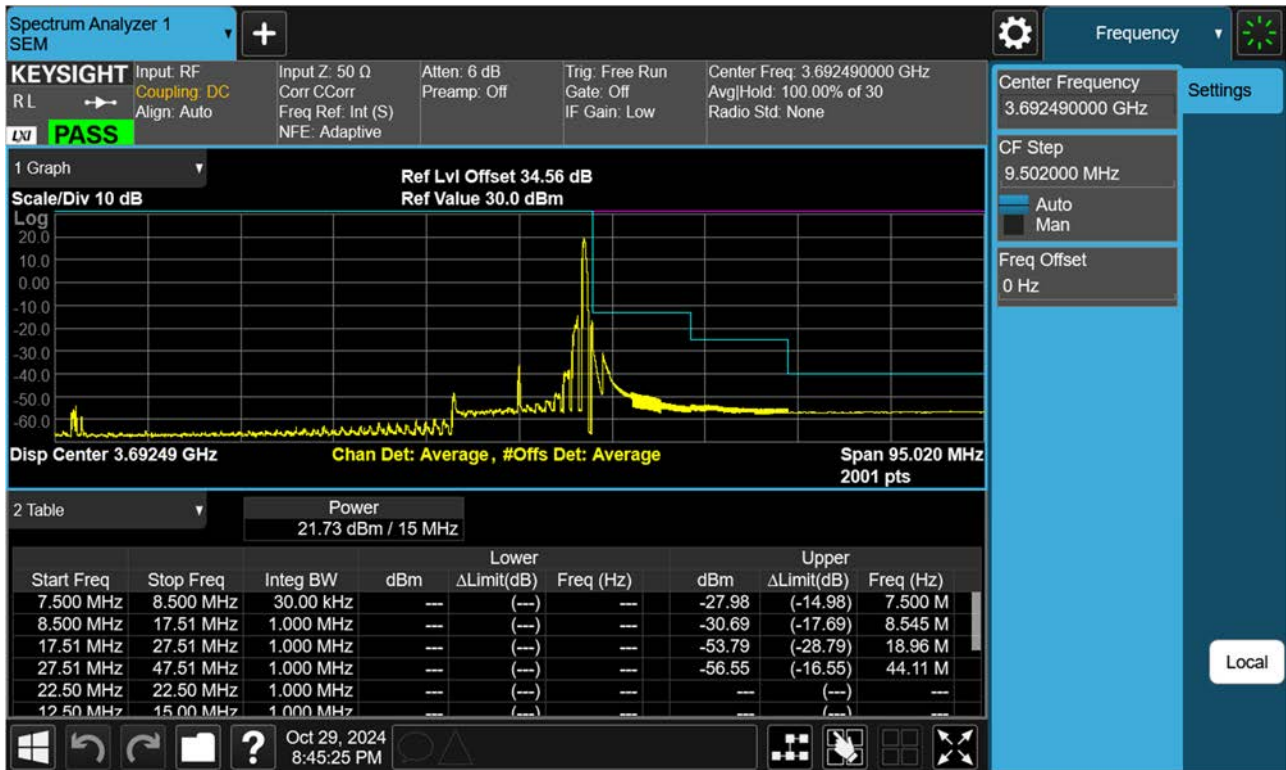
ub6 n48. 15 M_BandEdge(Upper)_High_ 3692.49 MHz_BPSK_FullRB



Sub6 n48. 15 M_BandEdge(Lower)_High_ 3692.49 MHz_BPSK_1RB



Sub6 n48. 15 M_BandEdge(Upper)_High_ 3692.49 MHz_BPSK_1RB



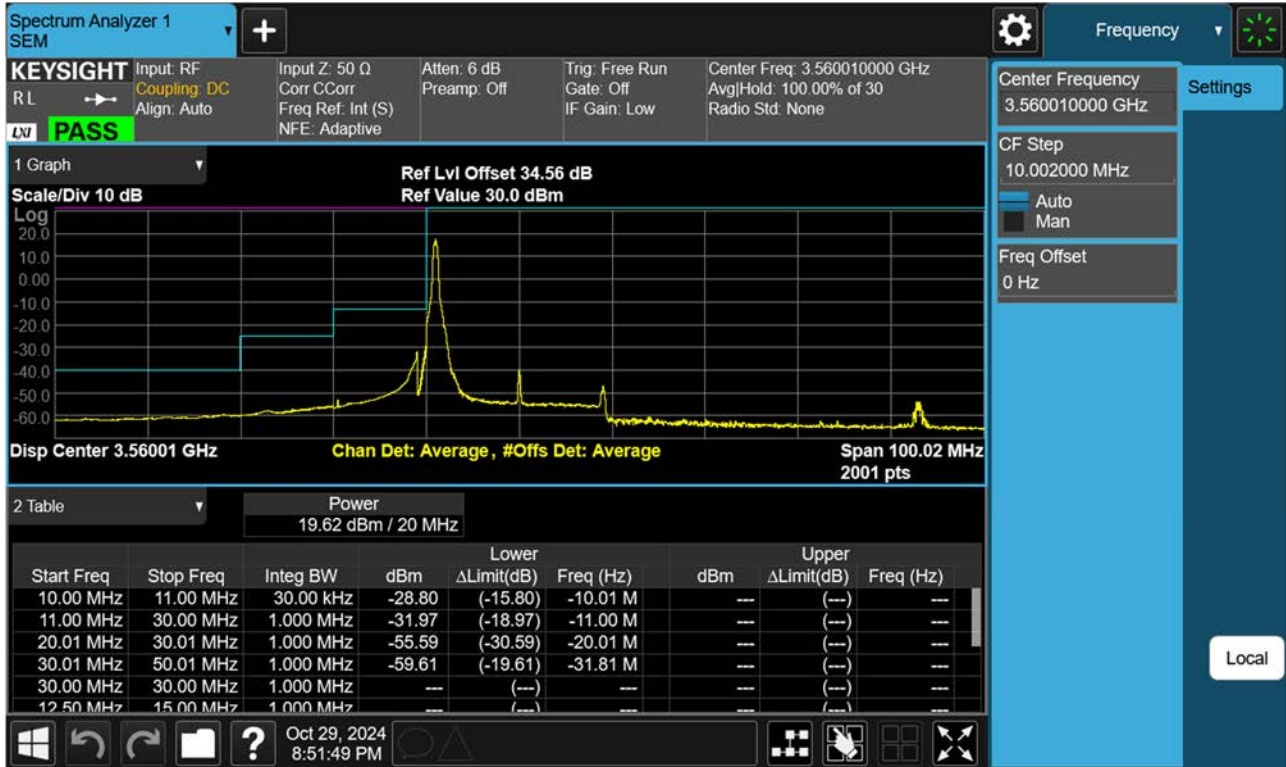
Sub6 n48. 20 M BandEdge(Lower)_Low_ 3560.01 MHz_BPSK_FullRB



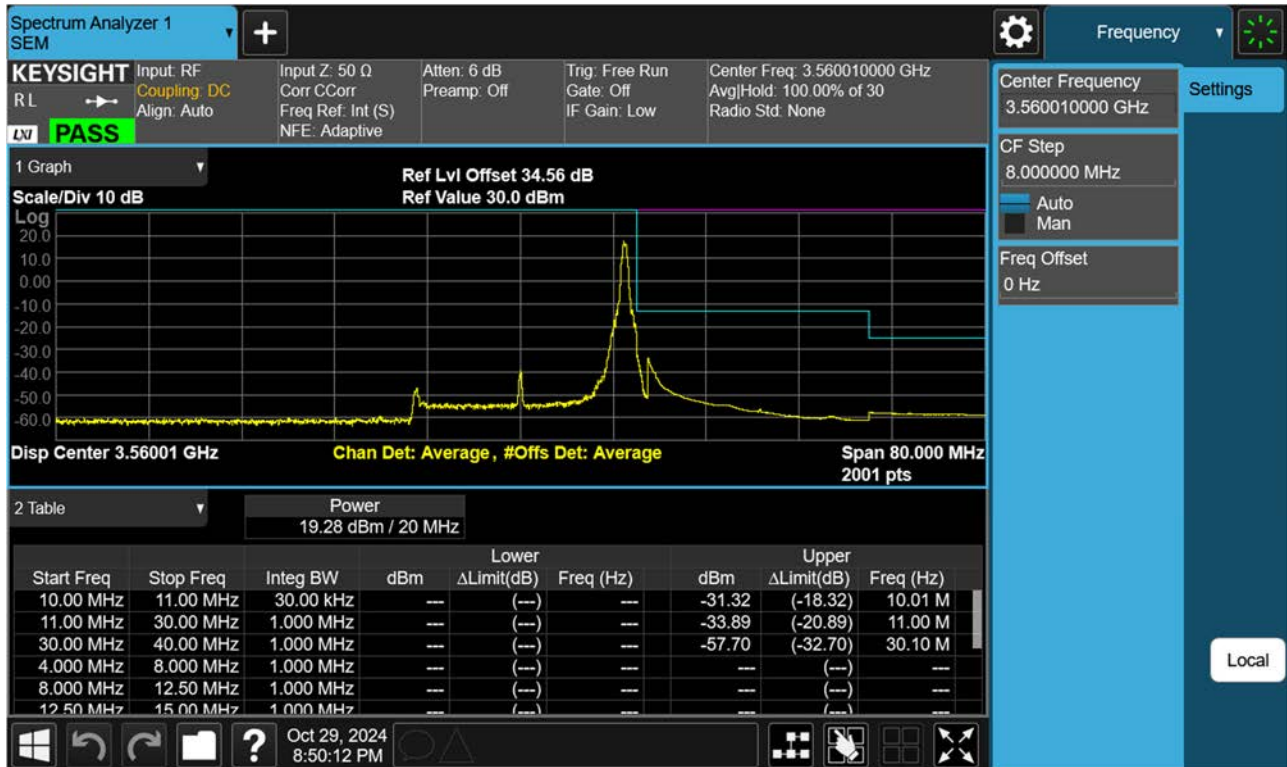
Sub6 n48. 20 M_BandEdge(Upper)_Low_ 3560.01 MHz_BPSK_FullRB



Sub6 n48. 20 M_BandEdge(Lower)_Low_ 3560.01 MHz_BPSK_1RB



Sub6 n48. 20 M_BandEdge(Upper)_Low_ 3560.01 MHz_BPSK_1RB



Sub6 n48. 20 M_BandEdge(Center)_Mid_3624.99 MHz_BPSK_FullRB



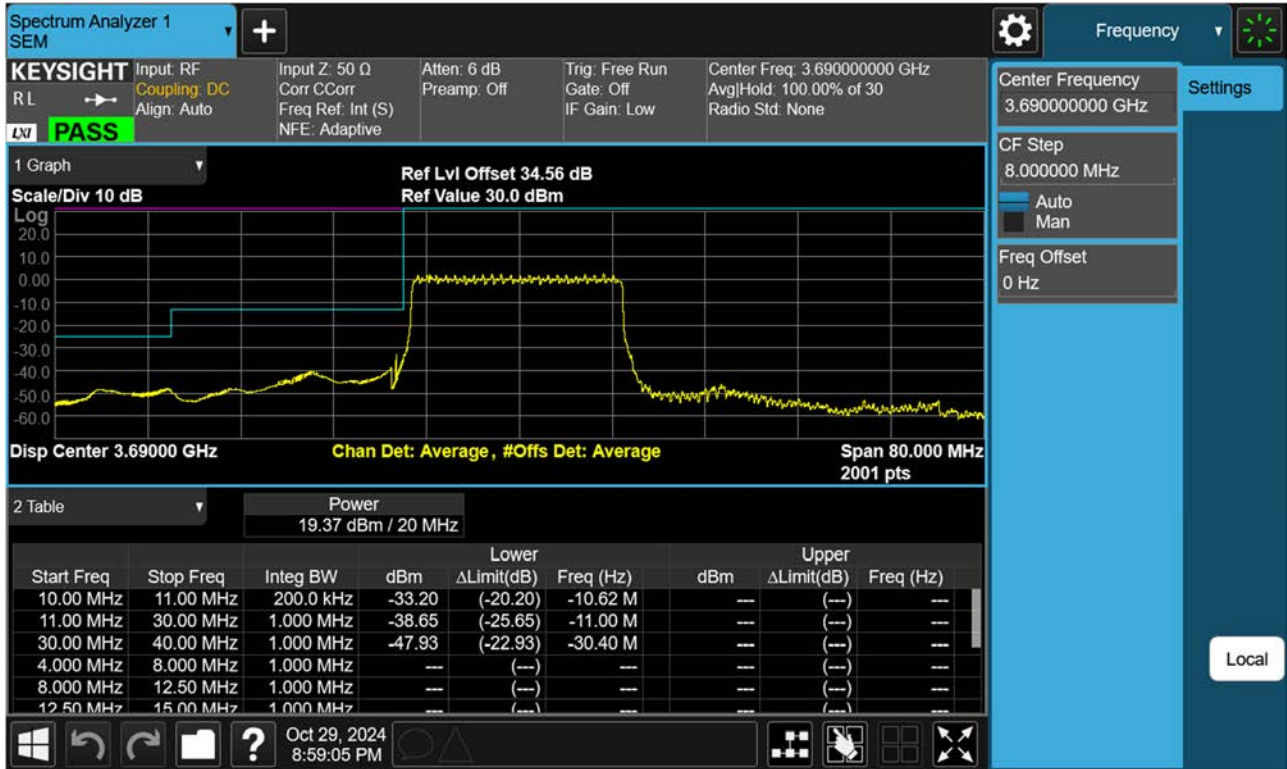
Sub6 n48. 20 M_BandEdge(Lower)_Mid_3624.99 MHz_BPSK_1RB



Sub6 n48. 20 M_BandEdge(Upper)_Mid_3624.99 MHz_BPSK_1RB



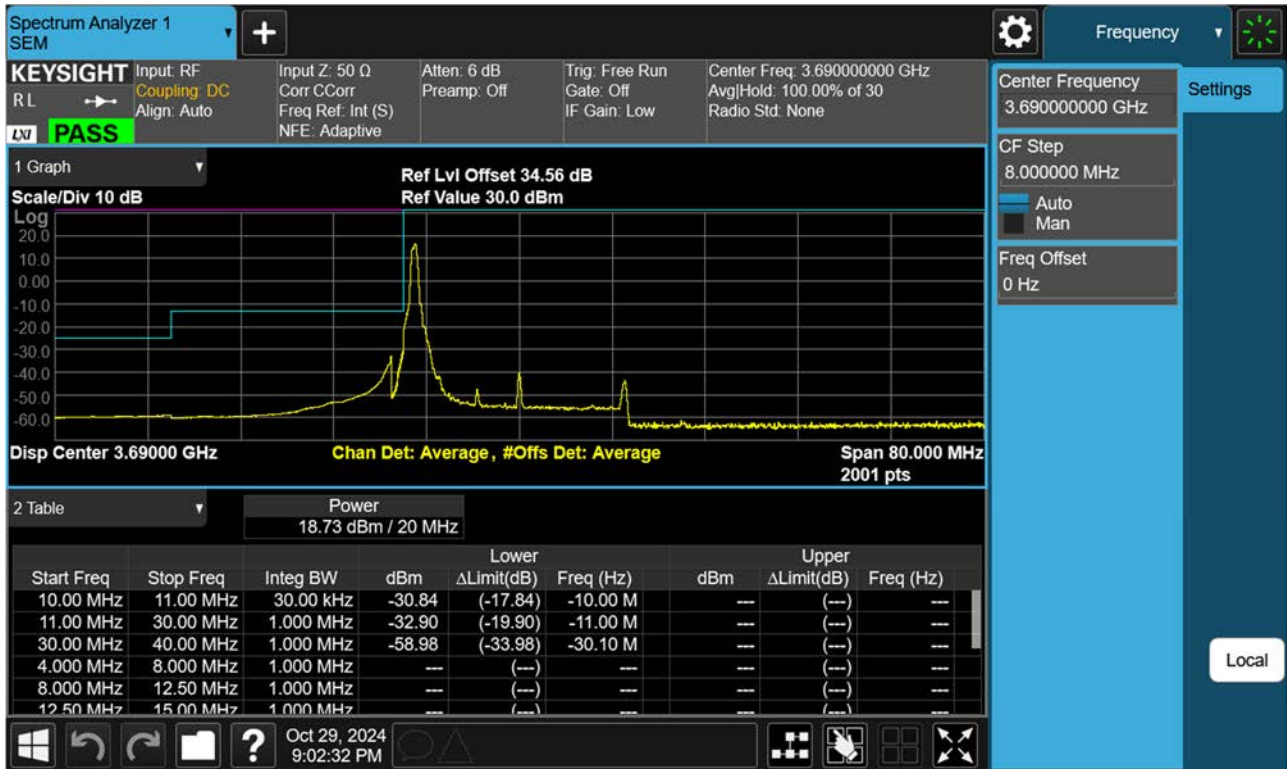
Sub6 n48. 20 M_BandEdge(Lower)_High_ 3690.00 MHz_BPSK_FullRB



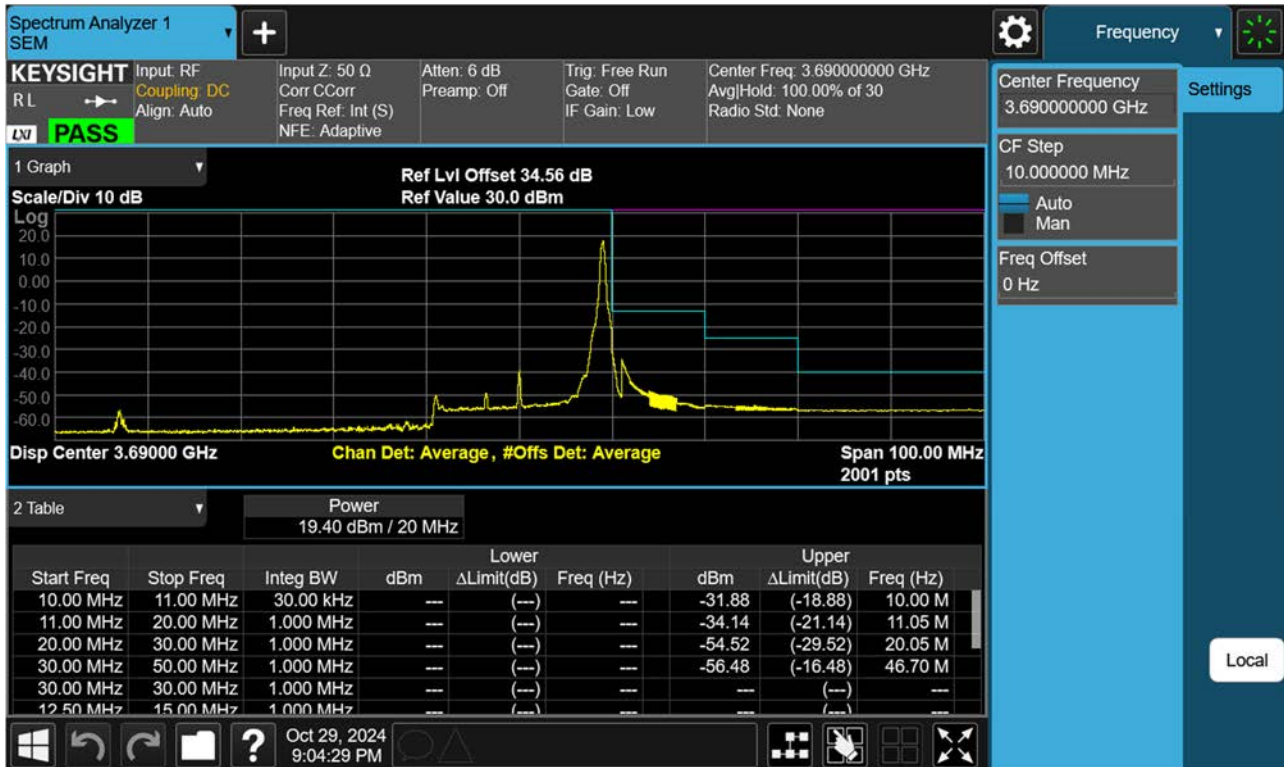
Sub6 n48. 20 M_BandEdge(Upper)_High_ 3690.00 MHz_BPSK_FullRB



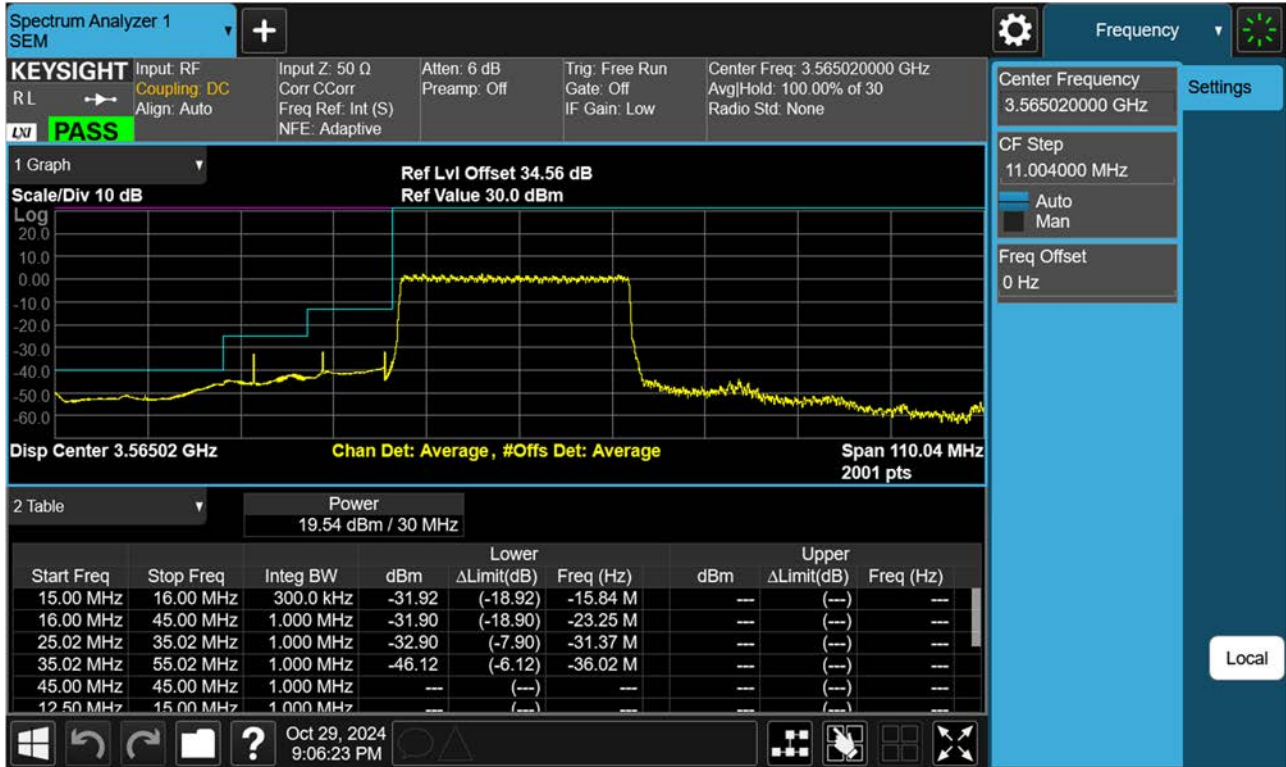
Sub6 n48. 20 M_BandEdge(Lower)_High_ 3690.00 MHz_BPSK_1RB



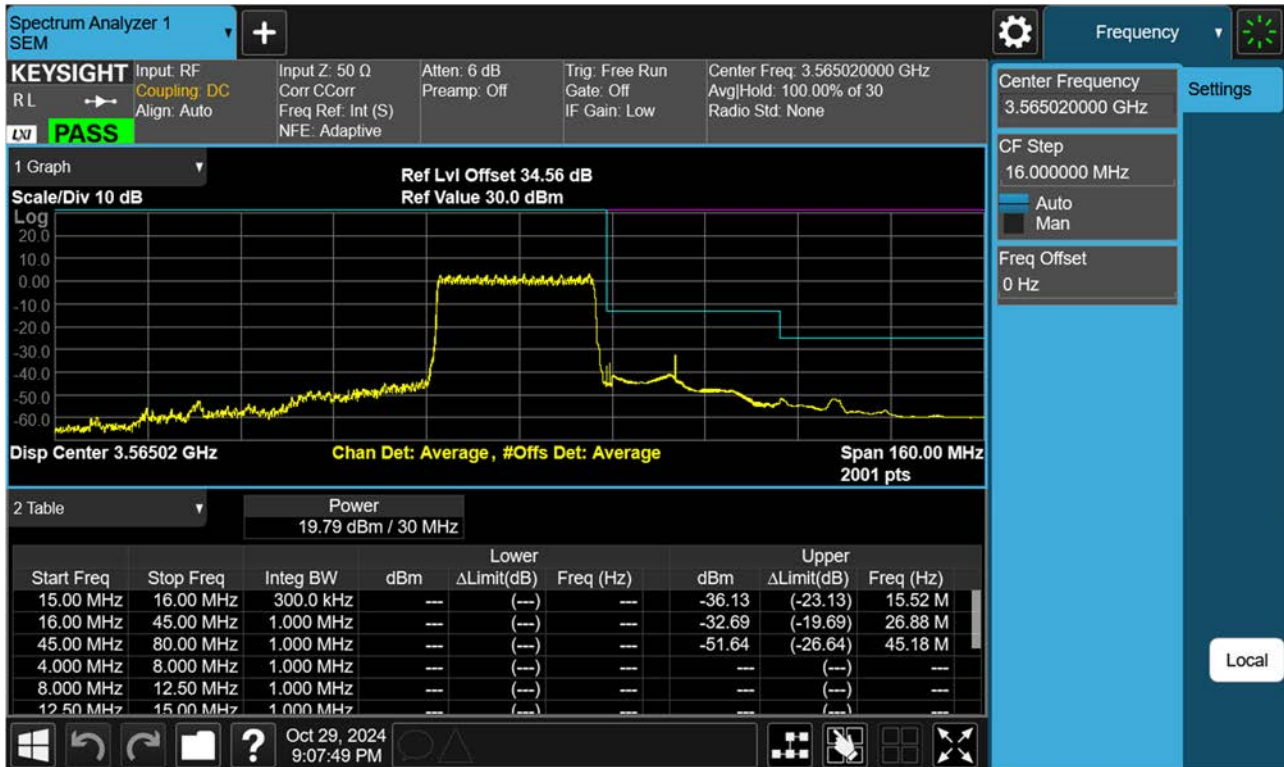
Sub6 n48. 20 M_BandEdge(Upper)_High_ 3690.00 MHz_BPSK_1RB



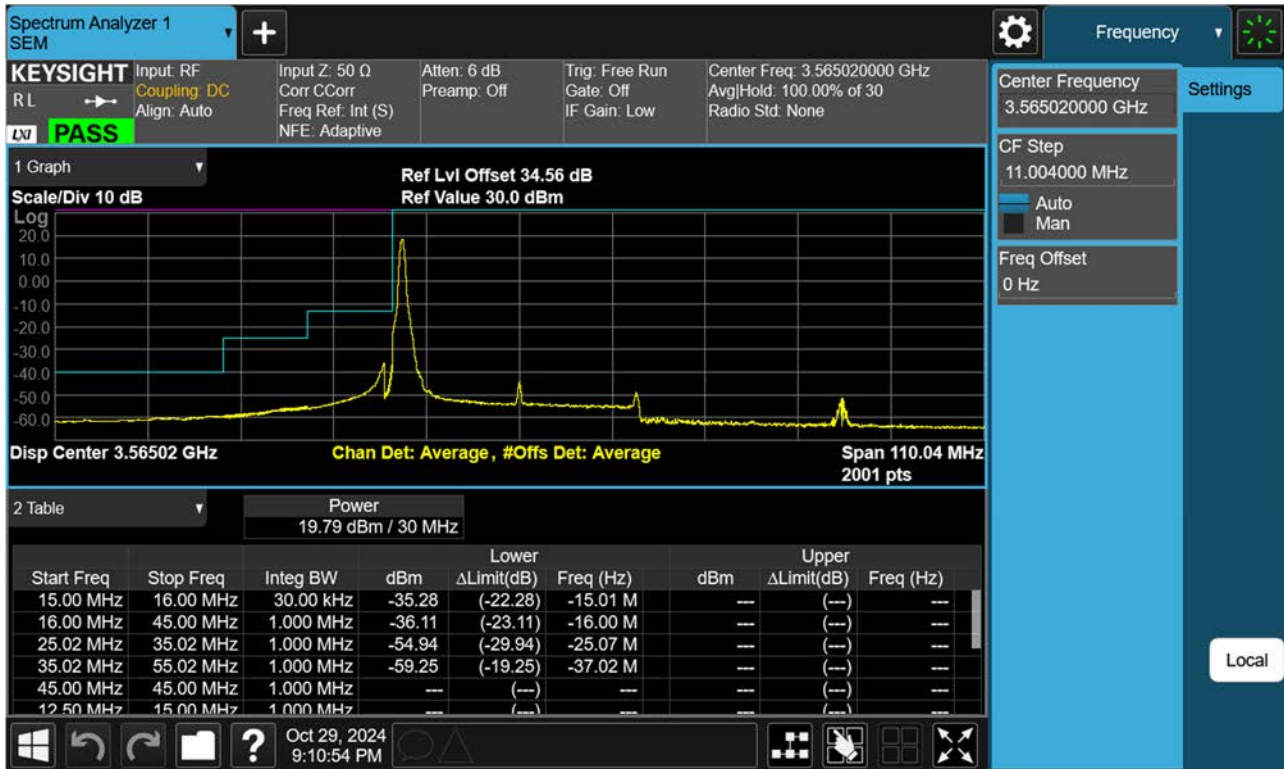
Sub6 n48. 30 M BandEdge(Lower)_Low_3565.02 MHz_BPSK_FullIRB_Below 3530MHz



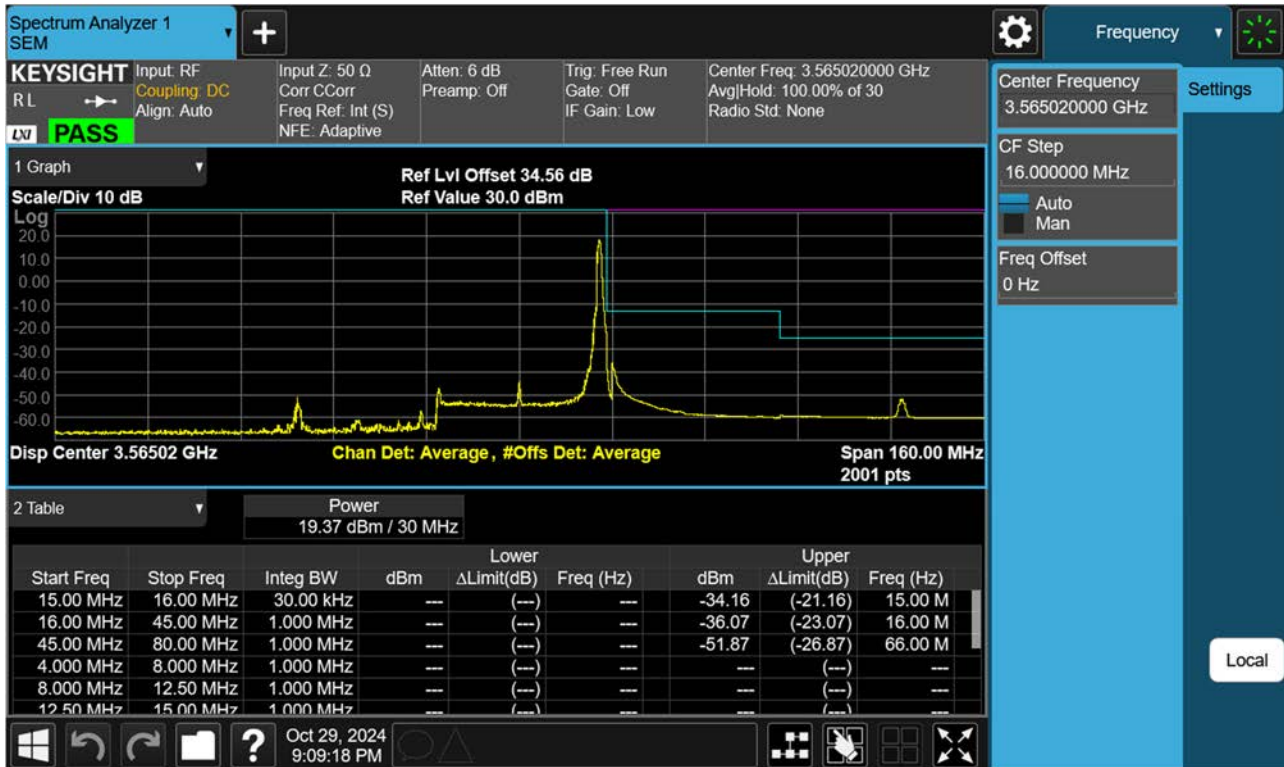
Sub6 n48. 30 M_BandEdge(Upper)_Low_ 3565.02 MHz_BPSK_FullRB



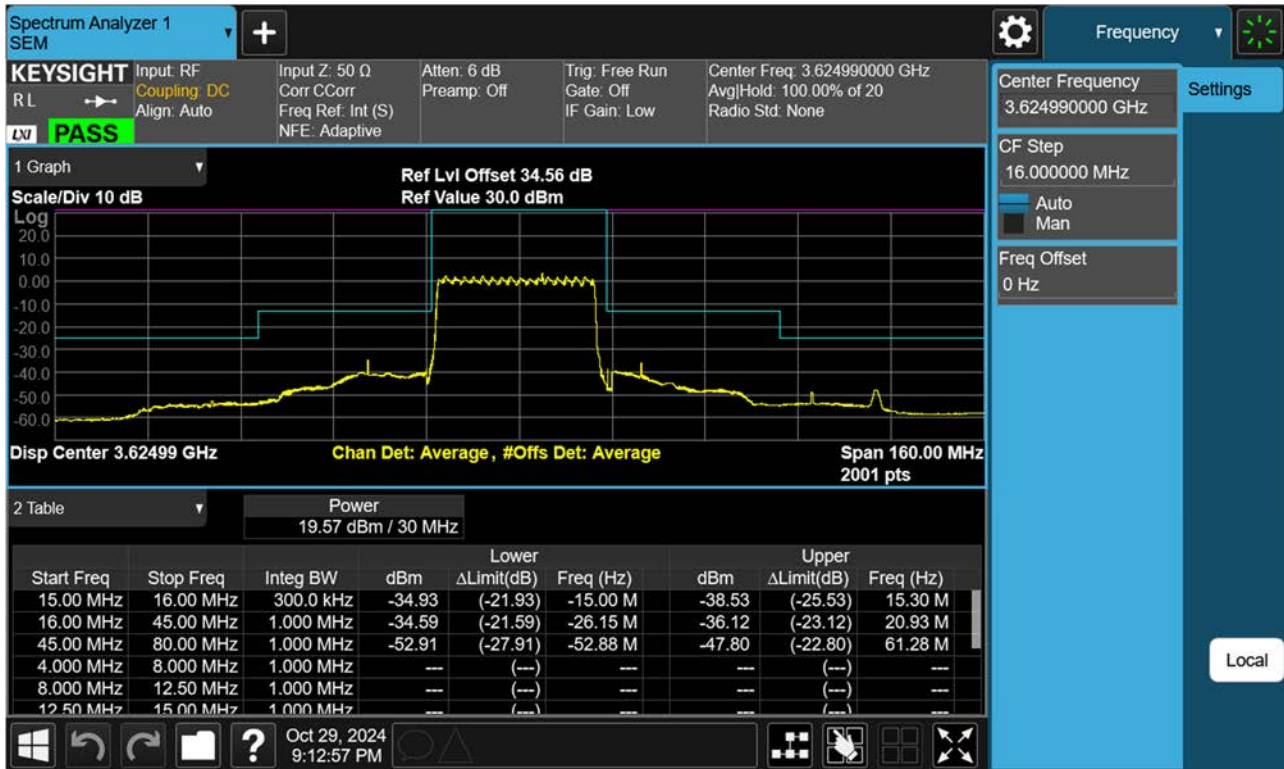
Sub6 n48. 30 M_BandEdge(Lower)_Low_ 3565.02 MHz_BPSK_1RB



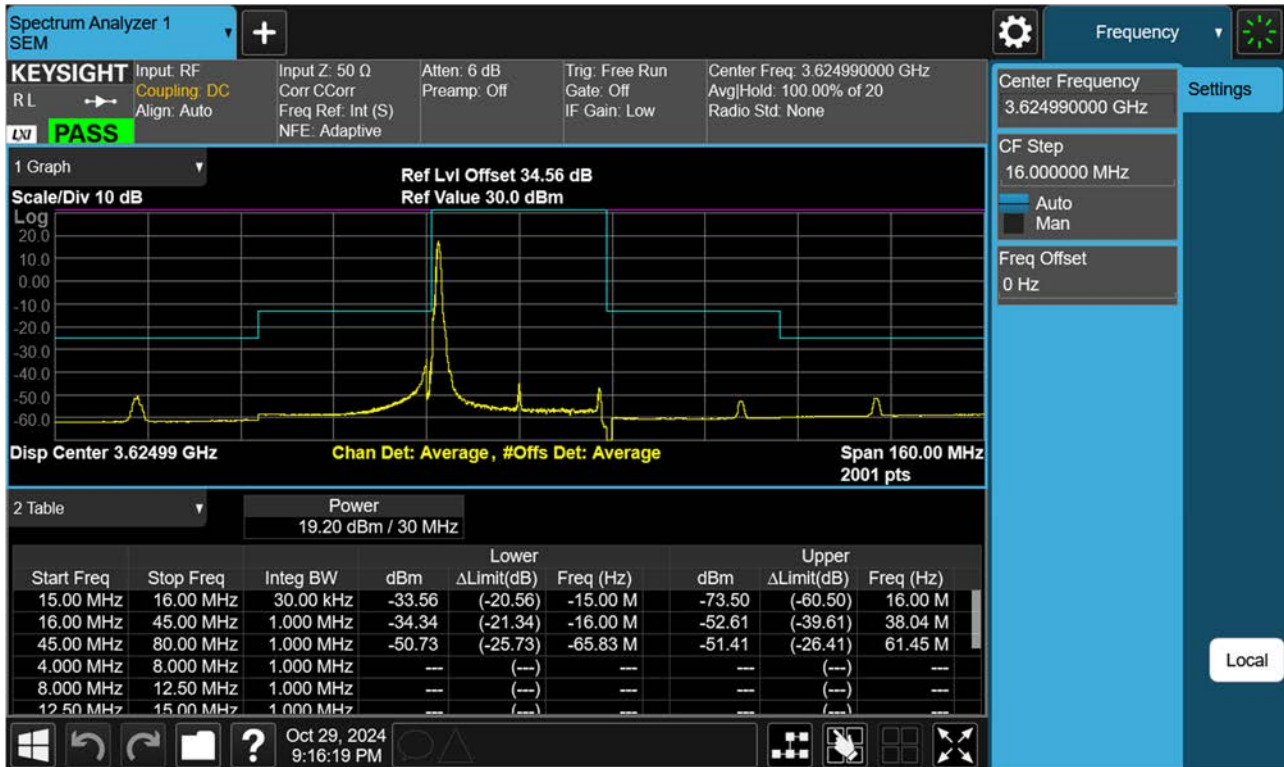
Sub6 n48. 30 M_BandEdge(Upper)_Low_ 3565.02 MHz_BPSK_1RB



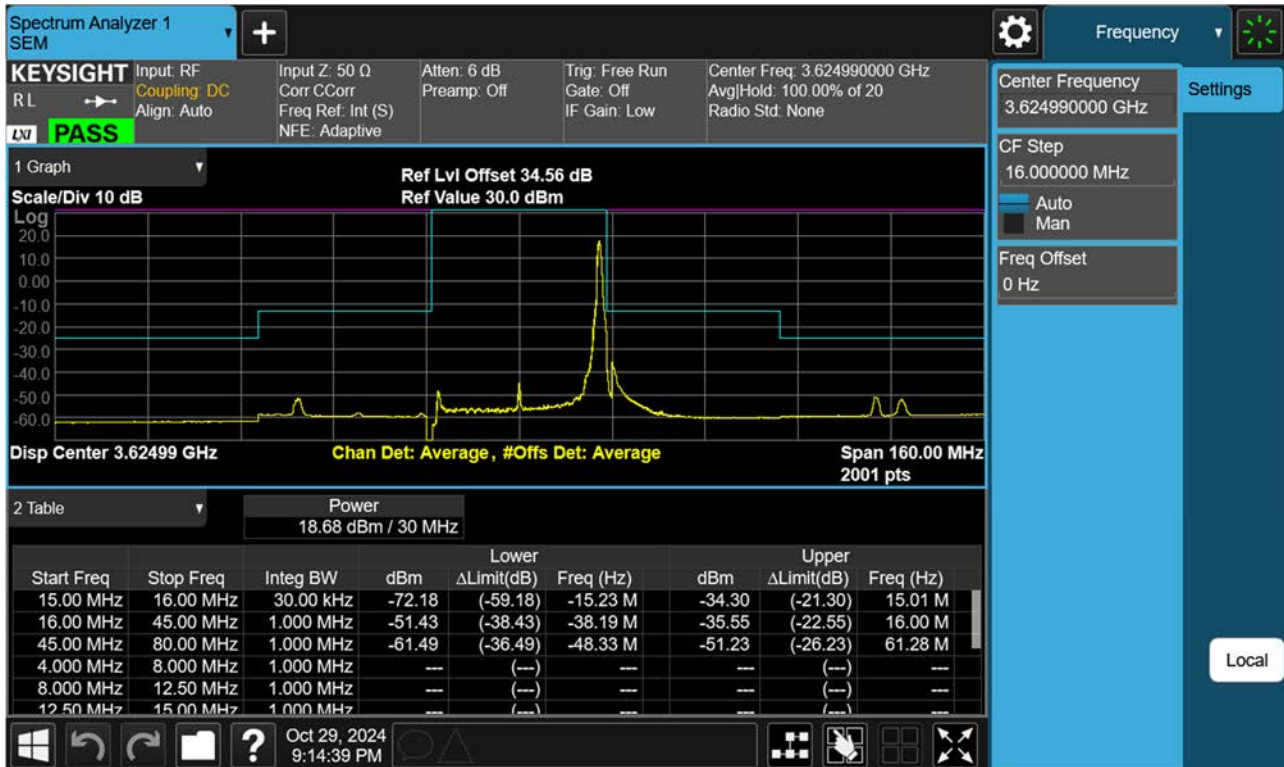
Sub6 n48. 30 M_BandEdge(Center)_Mid_3624.99 MHz_BPSK_FullRB



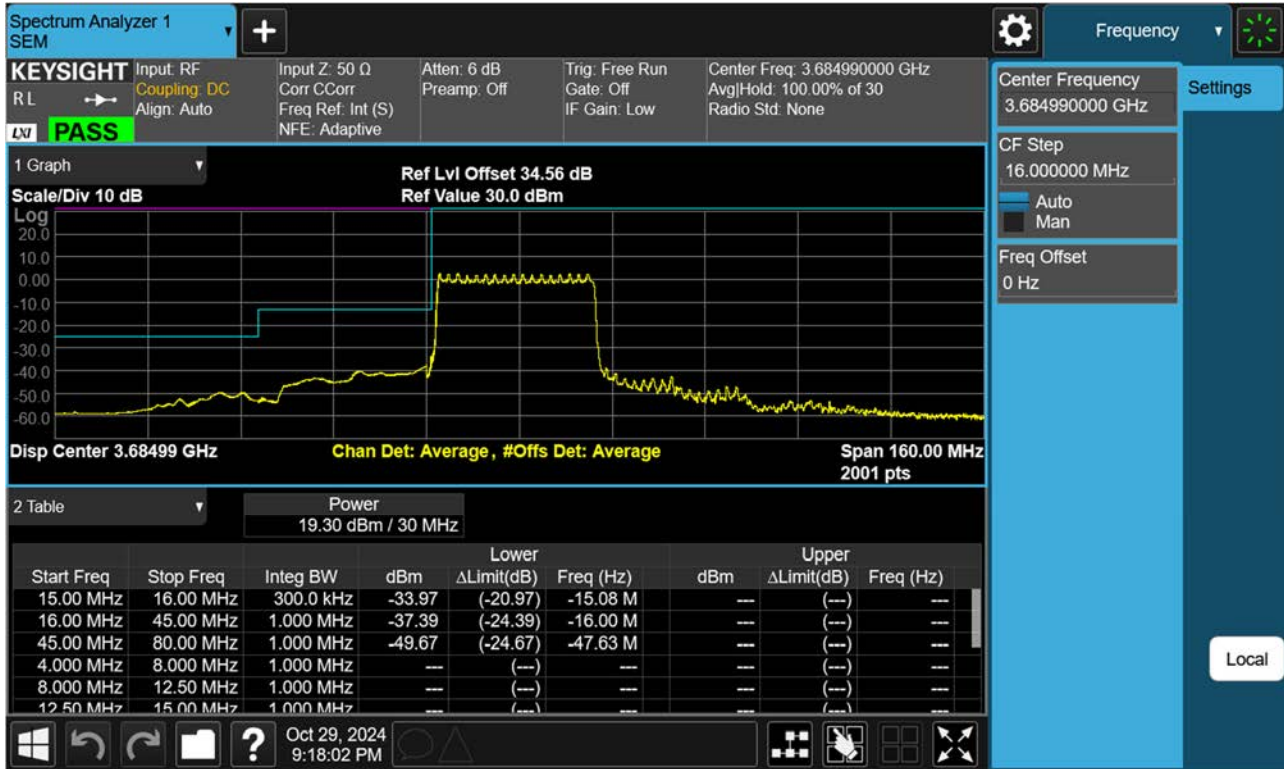
Sub6 n48. 30 M_BandEdge(Lower)_Mid_3624.99 MHz_BPSK_1RB



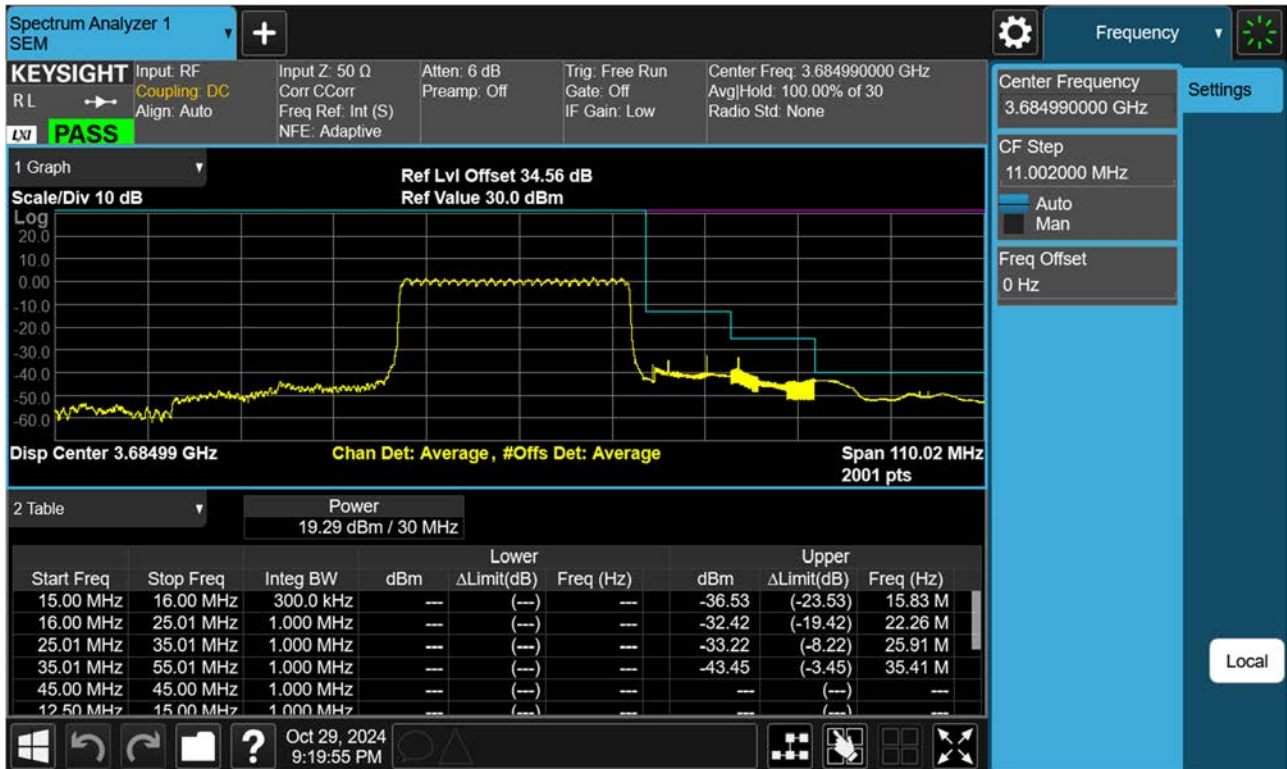
Sub6 n48. 30 M_BandEdge(Upper)_Mid_3624.99 MHz_BPSK_1RB



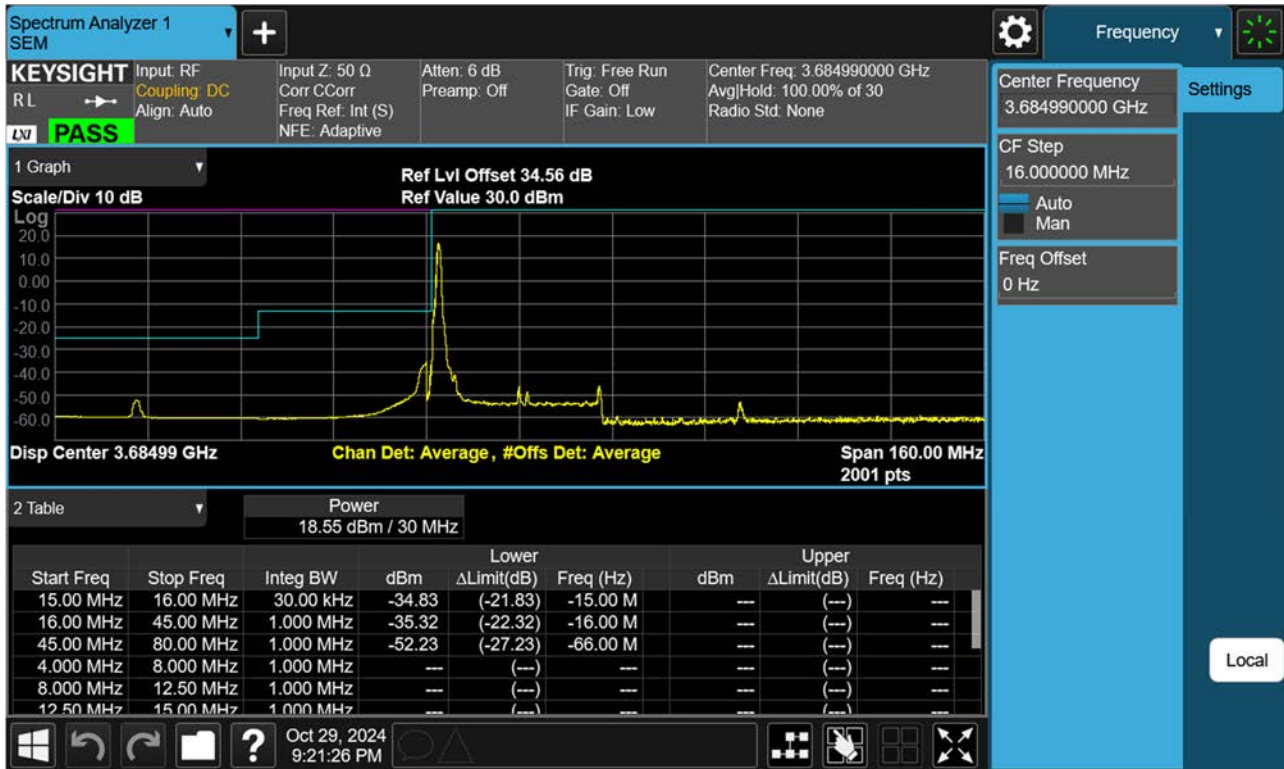
Sub6 n48. 30 M_BandEdge(Lower)_High_ 3684.99 MHz_BPSK_FullRB



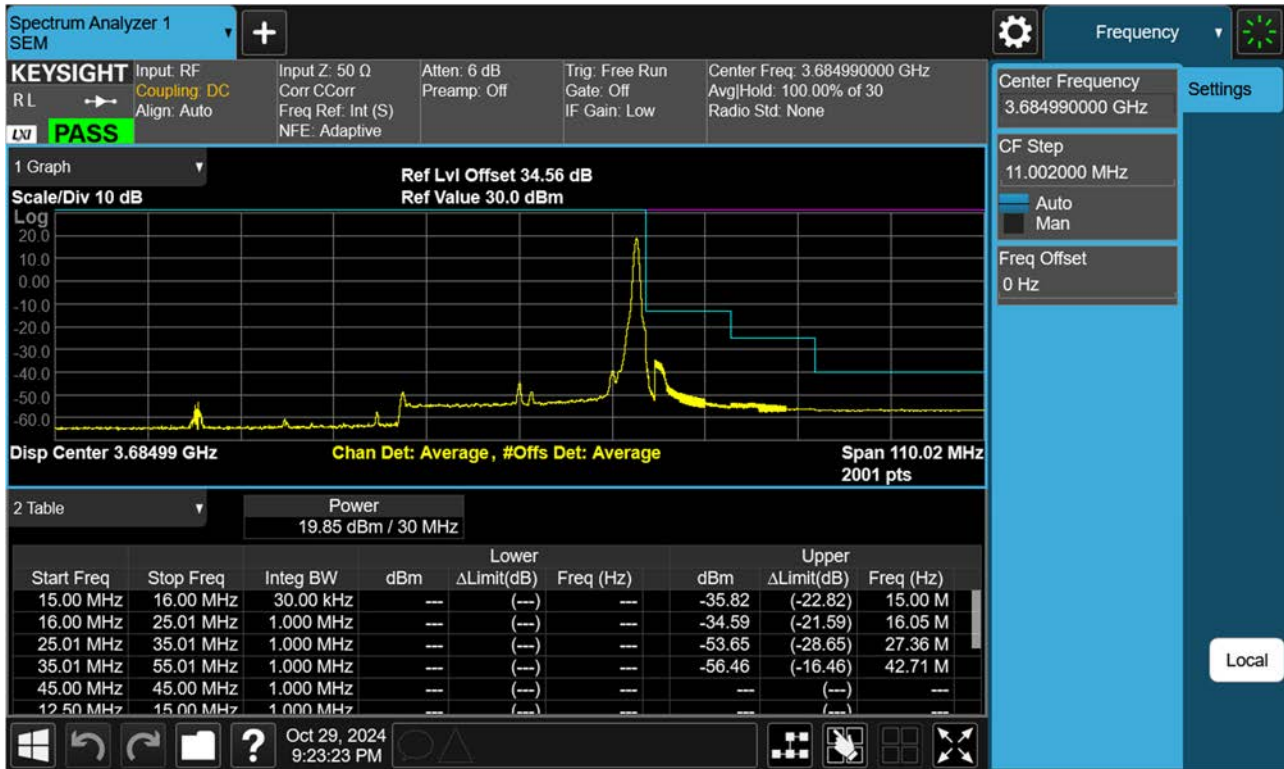
Sub6 n48. 30 M_BandEdge(Upper)_High_ 3684.99 MHz_BPSK_FullRB



Sub6 n48. 30 M_BandEdge(Lower)_High_ 3684.99 MHz_BPSK_1RB



Sub6 n48. 30 M_BandEdge(Upper)_High_ 3684.99 MHz_BPSK_1RB



Sub6 n48. 40 M BandEdge(Lower)_Low_ 3570.00 MHz_BPSK_FullRB_Below 3530MHz

