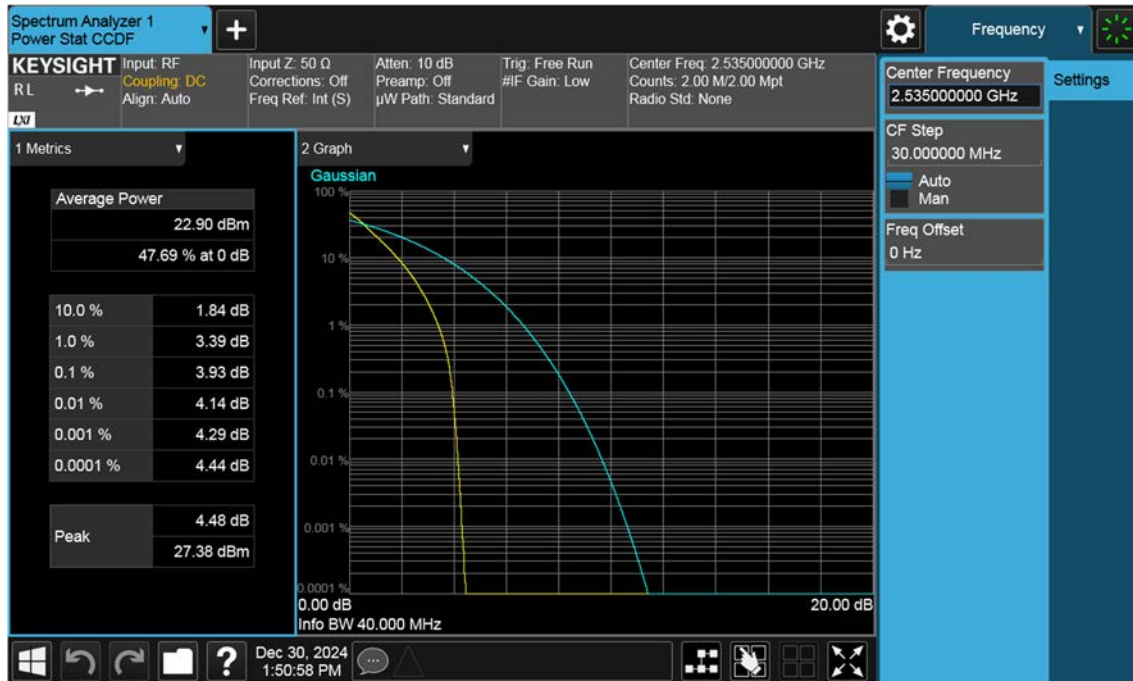


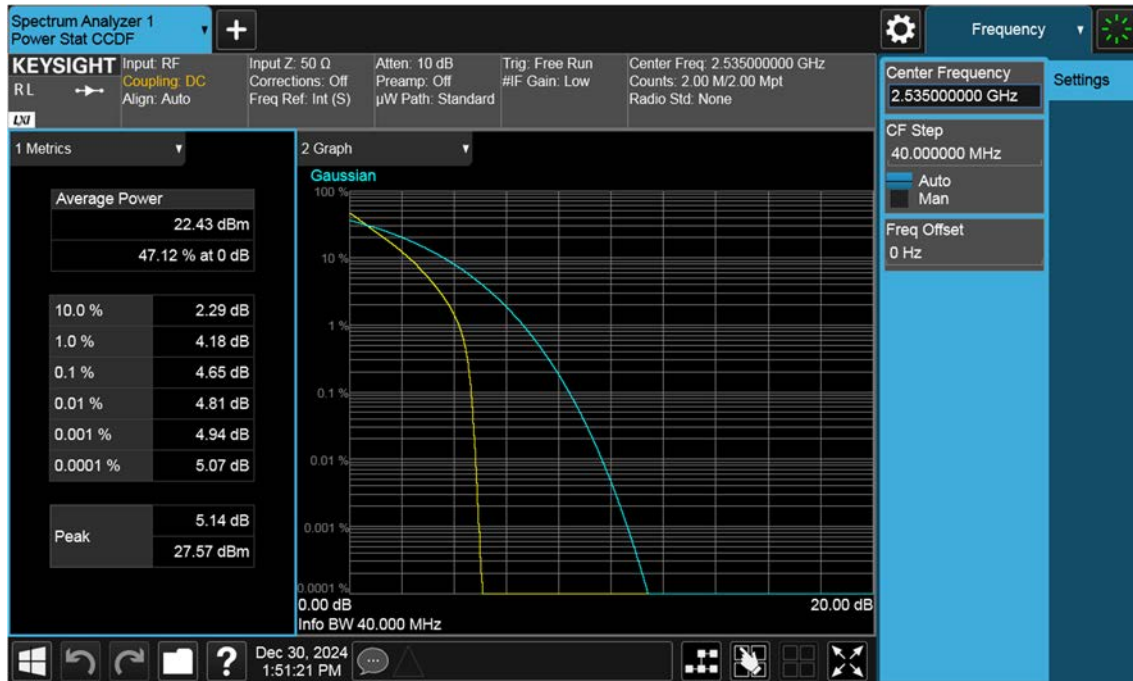
Sub6 n7. PAR Plot (30 M BW_Ch.507000_256QAM)



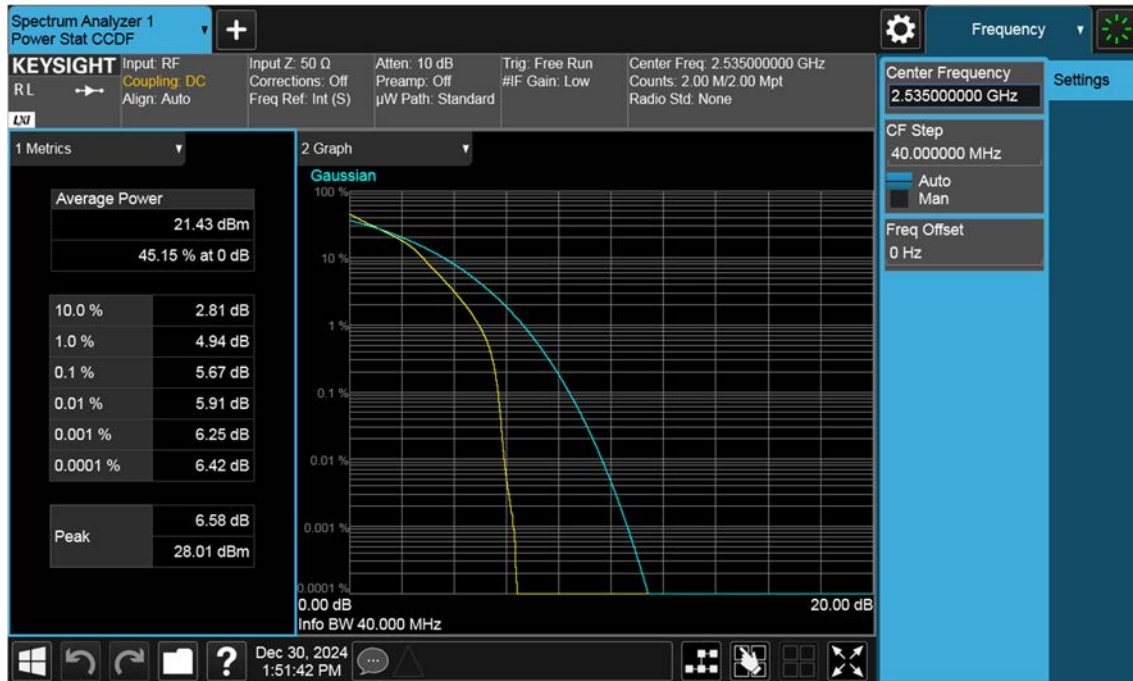
Sub6 n7. PAR Plot (40 M BW_Ch.507000_ BPSK)



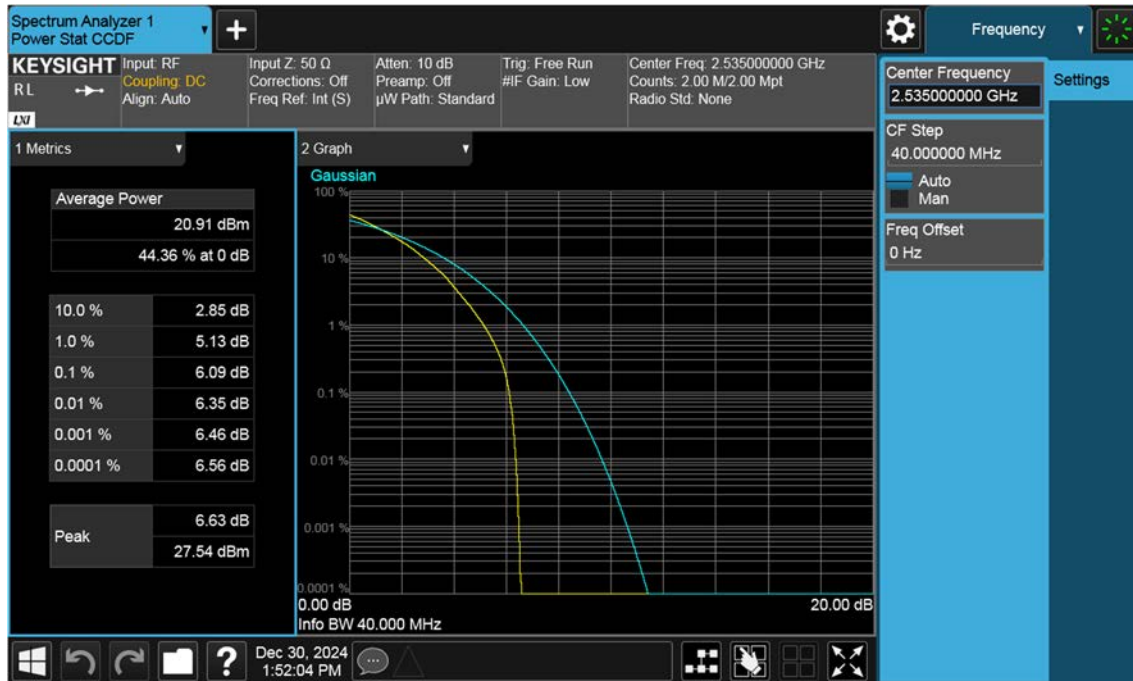
Sub6 n7. PAR Plot (40 M BW_Ch.507000_QPSK)



Sub6 n7. PAR Plot (40 M BW_Ch.507000_16QAM)



Sub6 n7. PAR Plot (40 M BW_Ch.507000_64QAM)



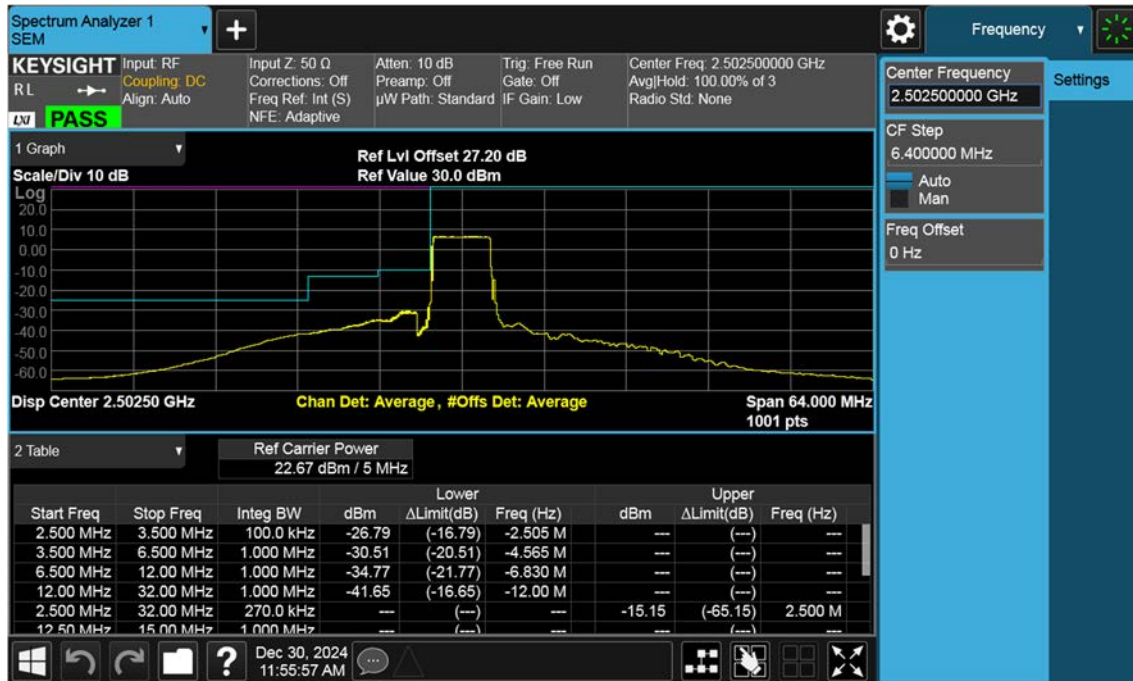
Sub6 n7. PAR Plot (40 M BW_Ch.507000_256QAM)



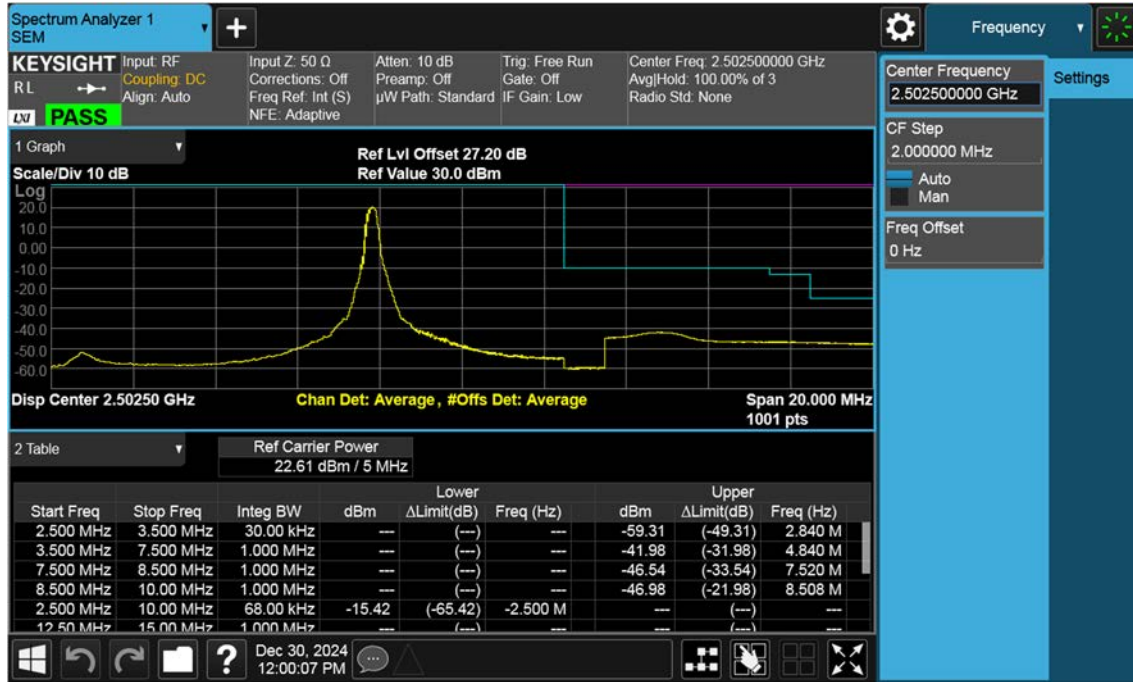
Sub6 n7. Low Channel Edge Plot (5 MHz Ch.500500 BPSK RB 1)-1



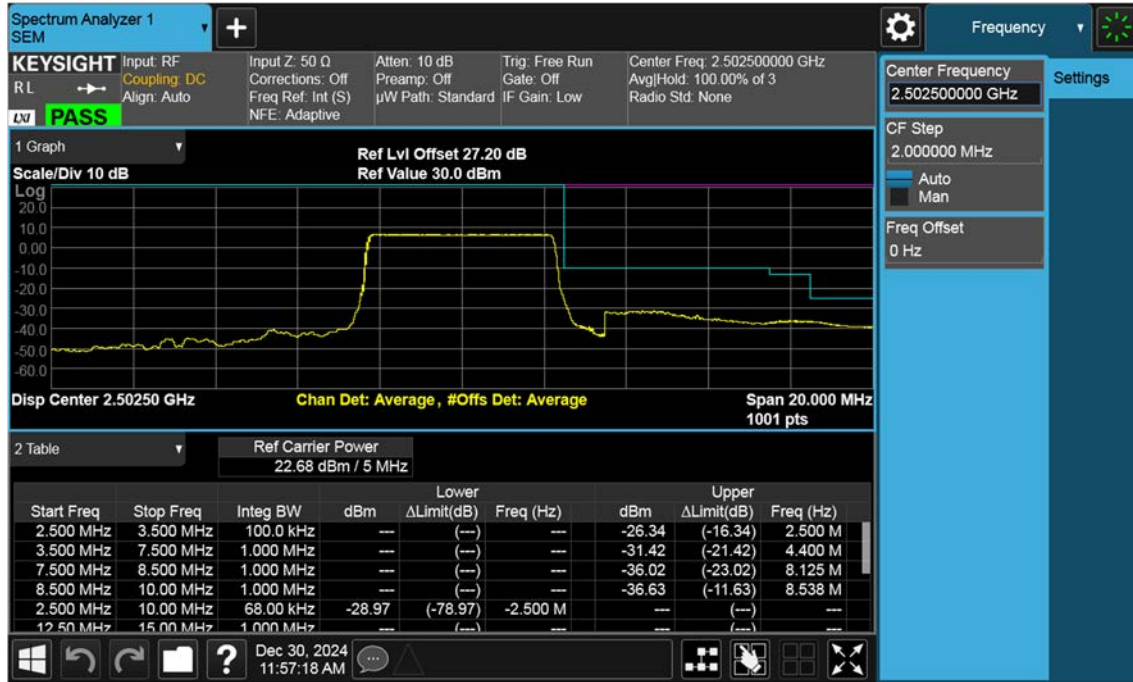
Sub6 n7. Low Channel Edge Plot (5 MHz Ch.500500 BPSK)-1



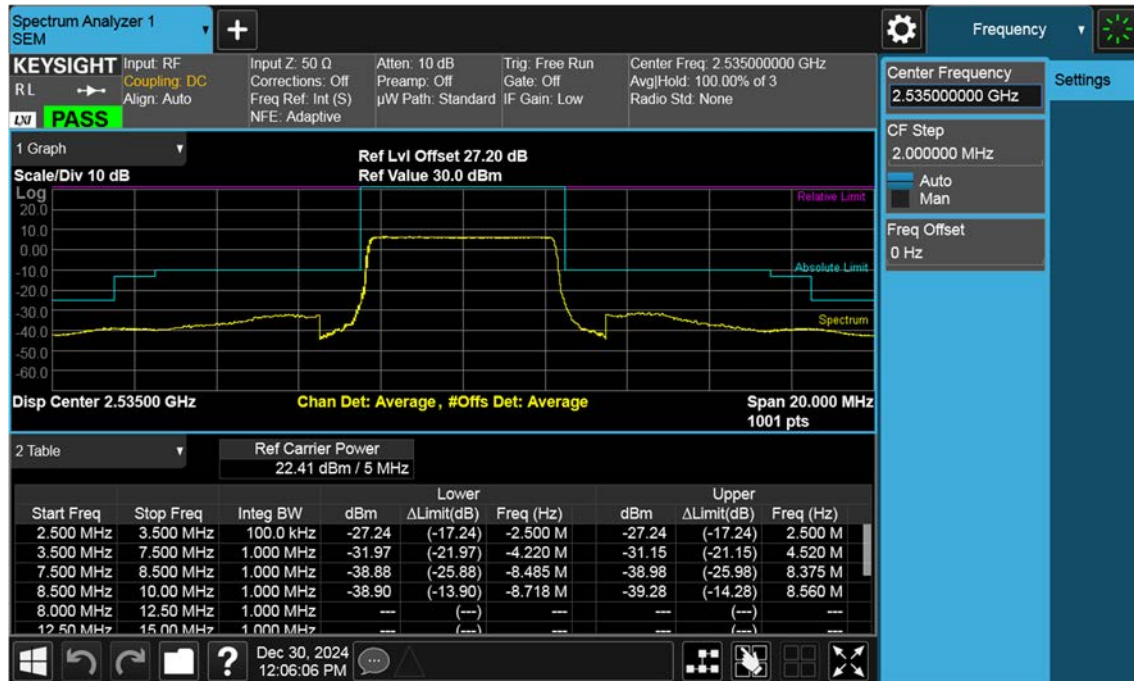
Sub6 n7. Low Channel Edge Plot (5 MHz Ch.500500 BPSK_RB 1)-2



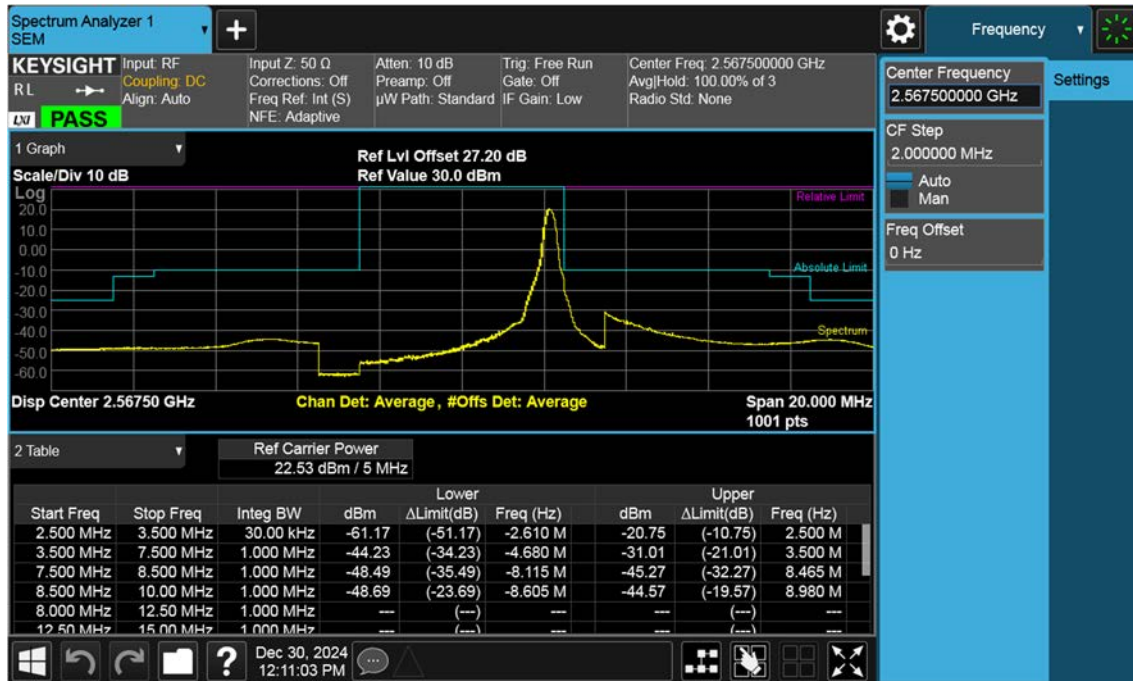
Sub6 n7. Low Channel Edge Plot (5 MHz Ch.500500 BPSK)-2



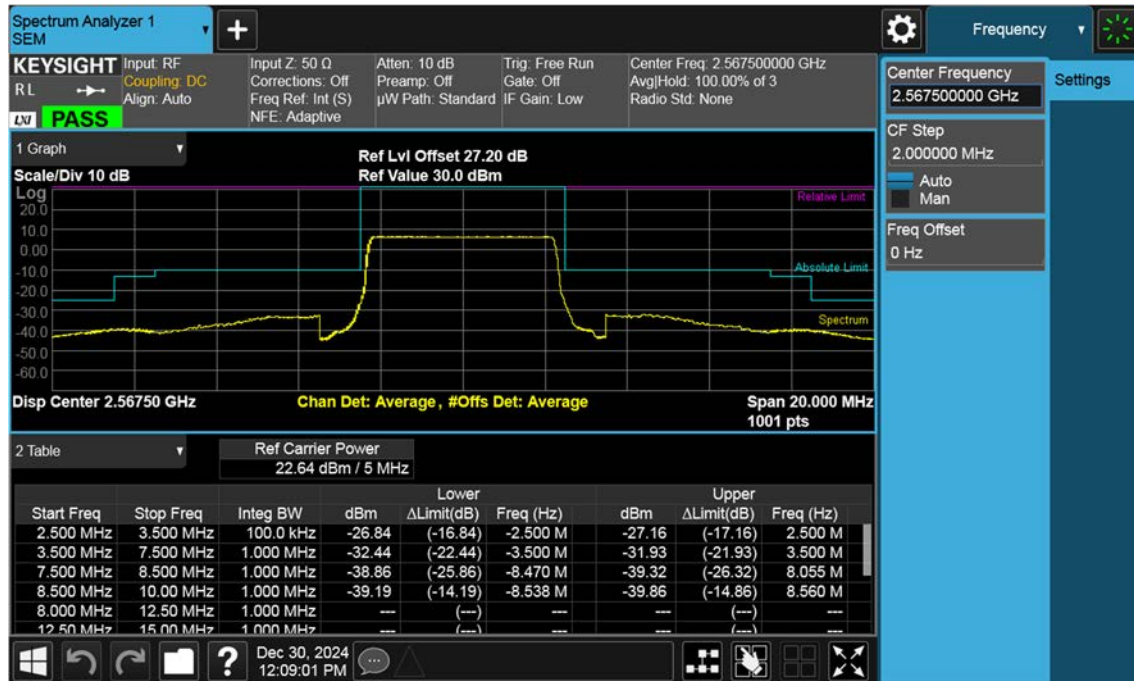
Sub6 n7. Mid Channel Edge Plot (5 MHz Ch.507000 BPSK)



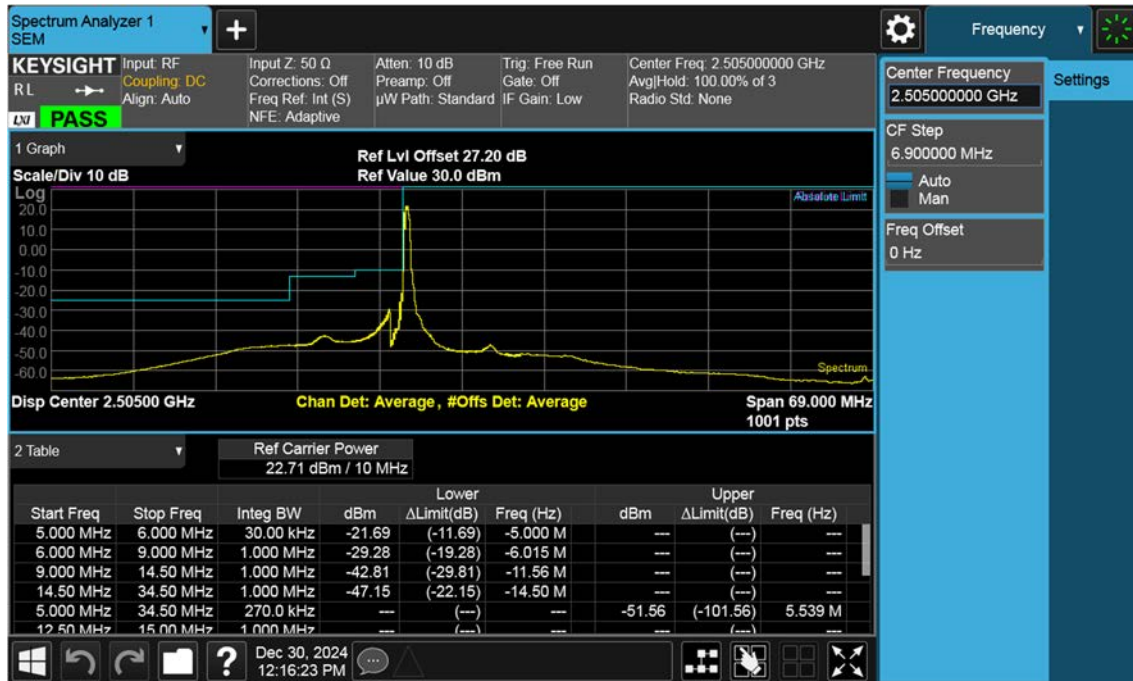
Sub6 n7. High Channel Edge Plot (5 MHz Ch.513500 BPSK RB 1)



Sub6 n7. High Channel Edge Plot (5 MHz Ch.513500 BPSK)



Sub6 n7. Low Channel Edge Plot (10 MHz Ch.501000 BPSK RB 1)-1



Spectrum Analyzer 1
SEM

KEYSTONE
RL → **PASS**

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

Trig: Free Run
 Gate: Off
 IF Gain: Low

Center Freq: 2.505000000 GHz
 Avg/Hold: 100.00% of 3
 Radio Std: None

Frequency
 Center Frequency
 2.505000000 GHz

Settings
 CF Step
 6.900000 MHz
☒ Auto
☐ Man
 Freq Offset
 0 Hz

1 Graph ▾

Scale/Div 10 dB Ref Lvl Offset 27.20 dB
Ref Value 30.0 dBm

Disp Center 2.50500 GHz Chan Det: Average, #Offs Det: Average Span 69.000 MHz
1001 pts

2 Table ▾ Ref Carrier Power
22.72 dBm / 10 MHz

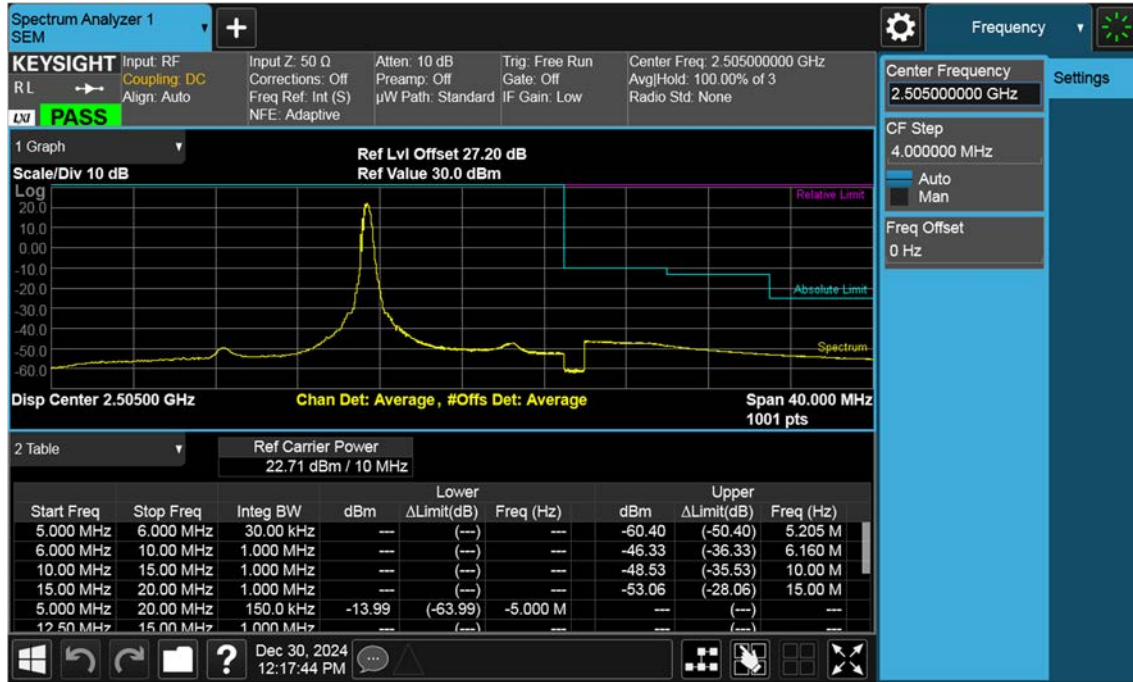
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Freq (Hz)	dBm	Upper ΔLimit(dB)	Freq (Hz)
5.000 MHz	6.000 MHz	200.0 kHz	-25.95	(-15.95)	-5.000 M	---	(---)	---
6.000 MHz	9.000 MHz	1.000 MHz	-25.73	(-15.73)	-6.045 M	---	(---)	---
9.000 MHz	14.50 MHz	1.000 MHz	-29.14	(-16.14)	-9.248 M	---	(---)	---
14.50 MHz	34.50 MHz	1.000 MHz	-35.97	(-10.97)	-16.30 M	---	(---)	---
5.000 MHz	34.50 MHz	270.0 kHz	---	(---)	---	-32.30	(-82.30)	8.772 M
12.50 MHz	15.00 MHz	1.000 MHz	---	(---)	---	---	(---)	---

Windows icons

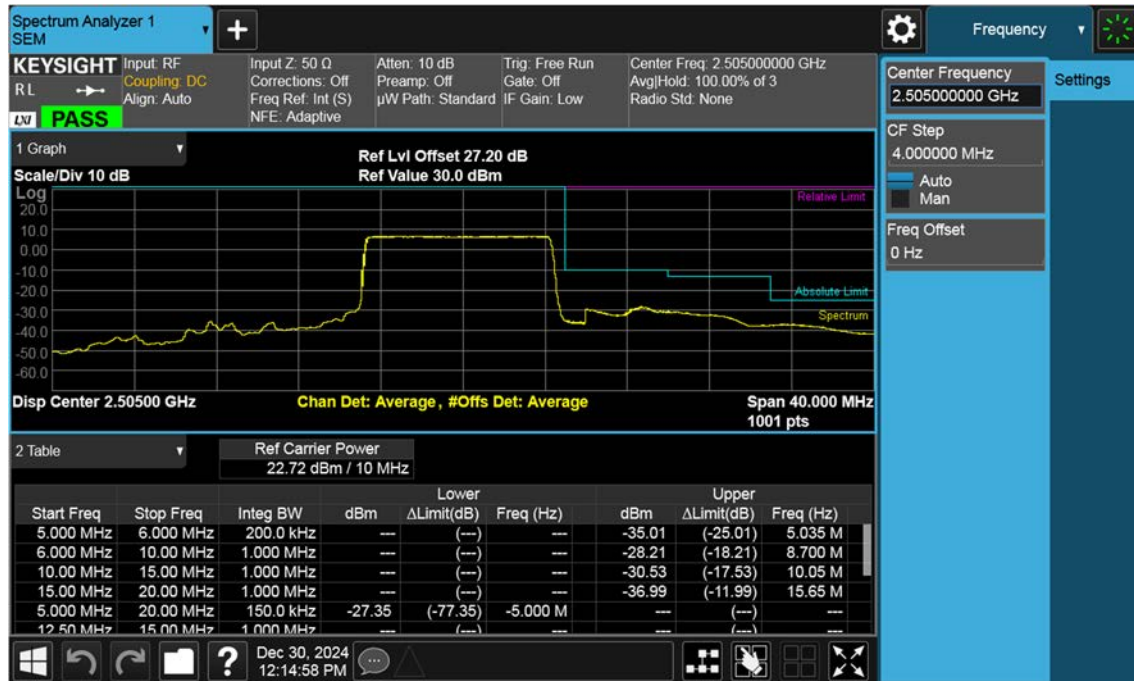
Dec 30, 2024
12:13:37 PM

Navigation icons

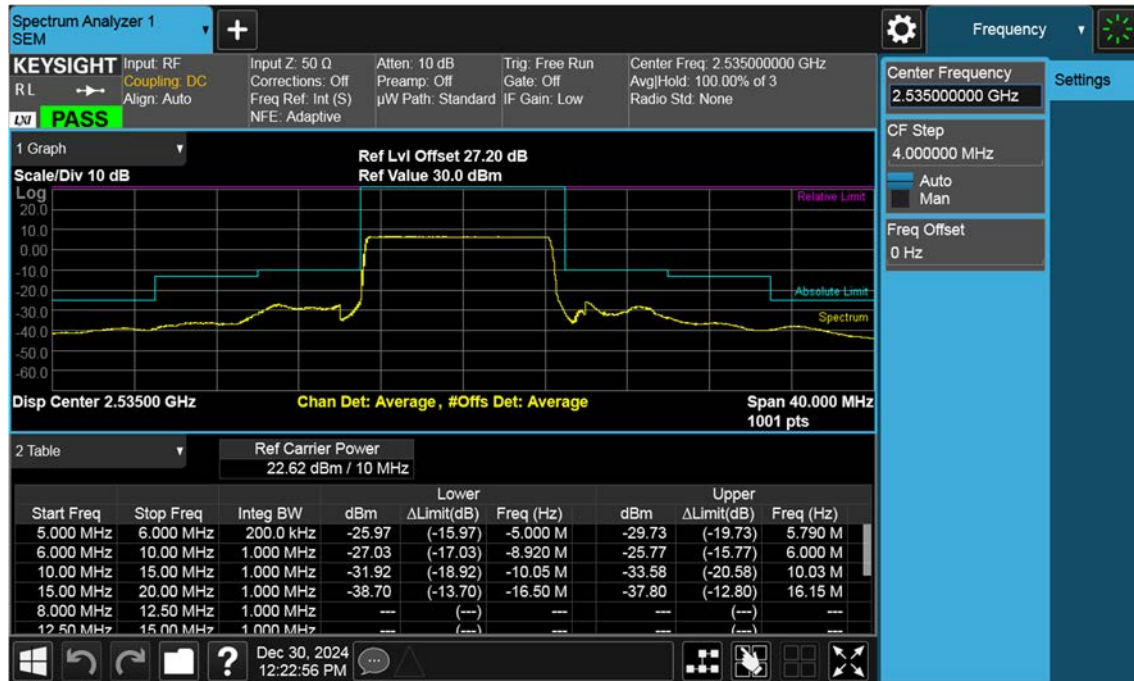
Sub6 n7. Low Channel Edge Plot (10 MHz Ch.501000 BPSK RB 1)-2



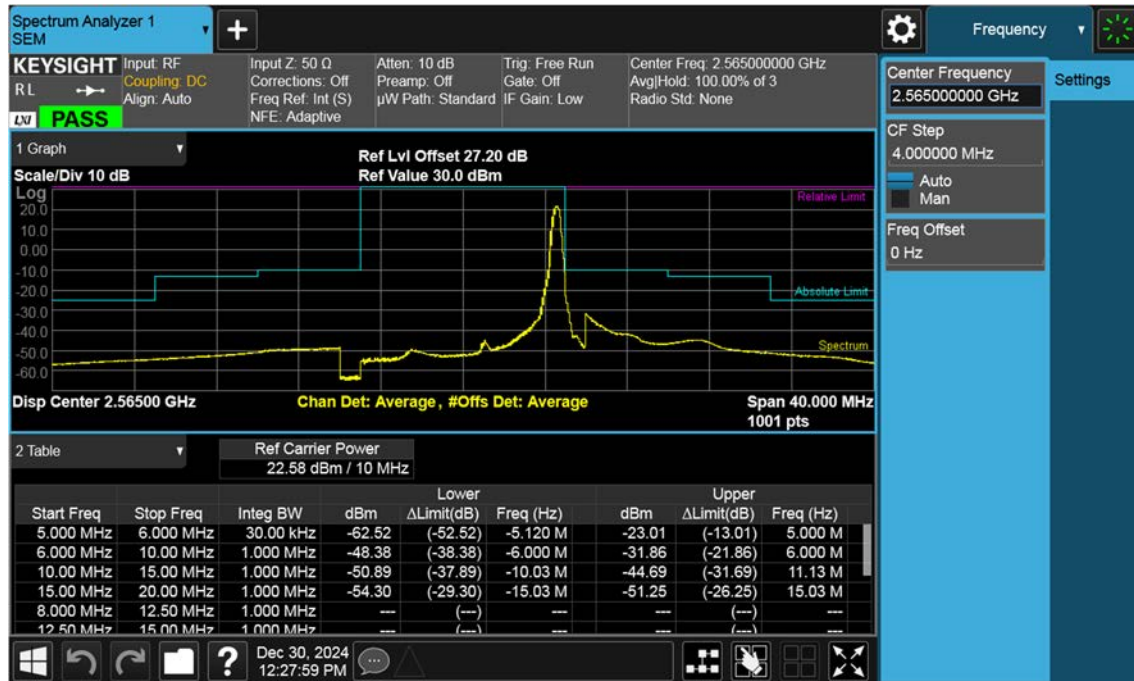
Sub6 n7. Low Channel Edge Plot (10 MHz Ch.501000 BPSK)-2



Sub6 n7. Mid Channel Edge Plot (10 MHz Ch.507000 BPSK)



Sub6 n7. High Channel Edge Plot (10 MHz Ch.513000 BPSK RB 1)



Spectrum Analyzer 1
SEM

KEYSTONE 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

Trig: Free Run
Gate: Off
IF Gain: Low

Center Freq: 2.565000000 GHz
Avg/Hold: 100.00% of 3
Radio Std: None

Center Frequency
2.565000000 GHz

CF Step
4.000000 MHz

Freq Offset
0 Hz

1 Graph

Scale/Div 10 dB

Ref Lvl Offset 27.20 dB
Ref Value 30.0 dBm

Log

Relative Limit

Absolute Limit

Spectrum

Disp Center 2.56500 GHz

Chan Det: Average, #Offs Det: Average

Span 40.000 MHz
1001 pts

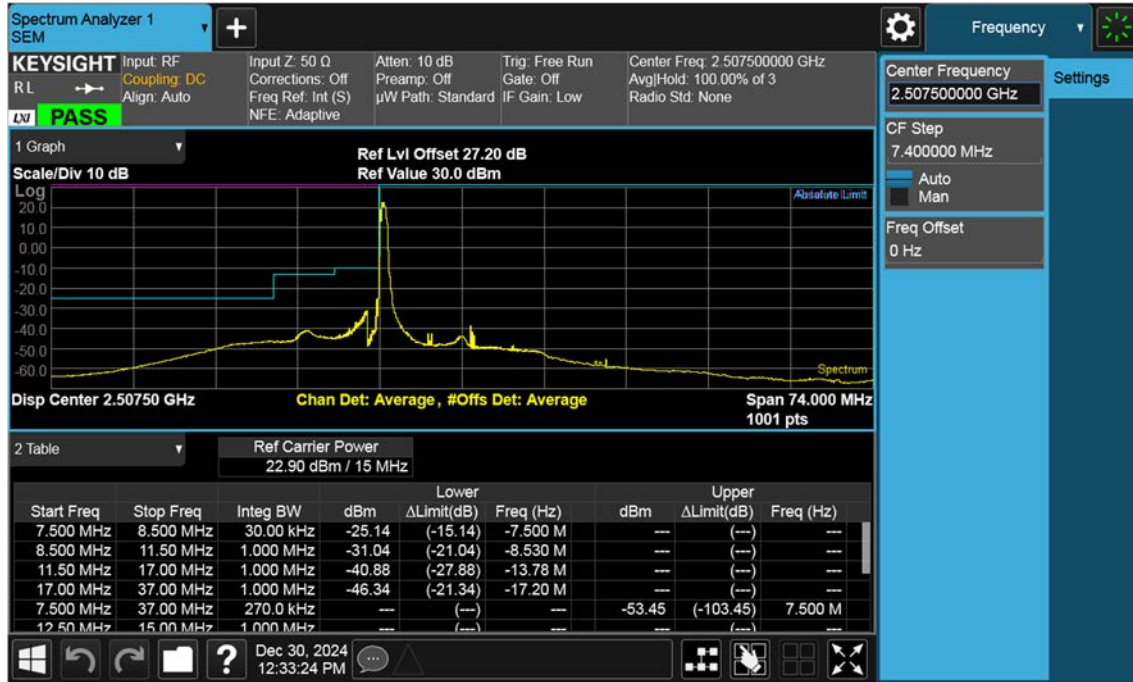
2 Table

Ref Carrier Power
22.64 dBm / 10 MHz

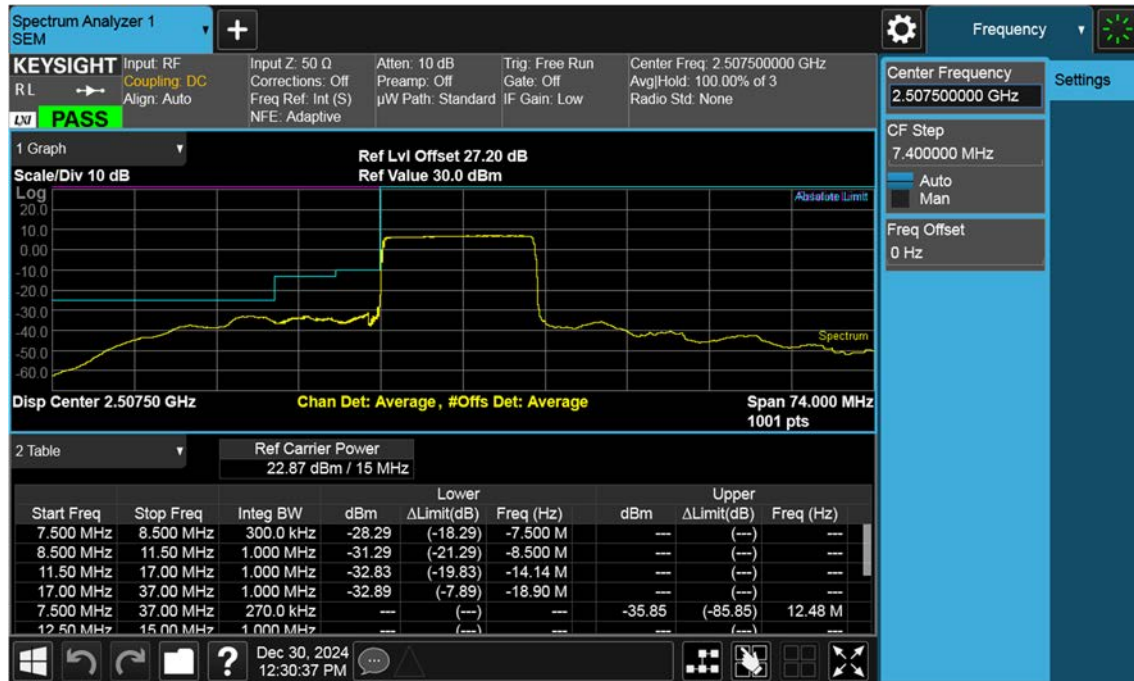
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Freq (Hz)	dBm	Upper ΔLimit(dB)	Freq (Hz)
5.000 MHz	6.000 MHz	200.0 kHz	-27.09	(-17.09)	-5.000 M	-36.72	(-26.72)	5.230 M
6.000 MHz	10.00 MHz	1.000 MHz	-30.86	(-20.86)	-6.080 M	-31.98	(-21.98)	6.000 M
10.00 MHz	15.00 MHz	1.000 MHz	-33.73	(-20.73)	-10.10 M	-36.56	(-23.56)	12.15 M
15.00 MHz	20.00 MHz	1.000 MHz	-42.50	(-17.50)	-16.38 M	-41.02	(-16.02)	16.18 M
8.000 MHz	12.50 MHz	1.000 MHz	---	(---)	---	---	(---)	---
12.50 MHz	15.00 MHz	1.000 MHz	---	(---)	---	---	(---)	---

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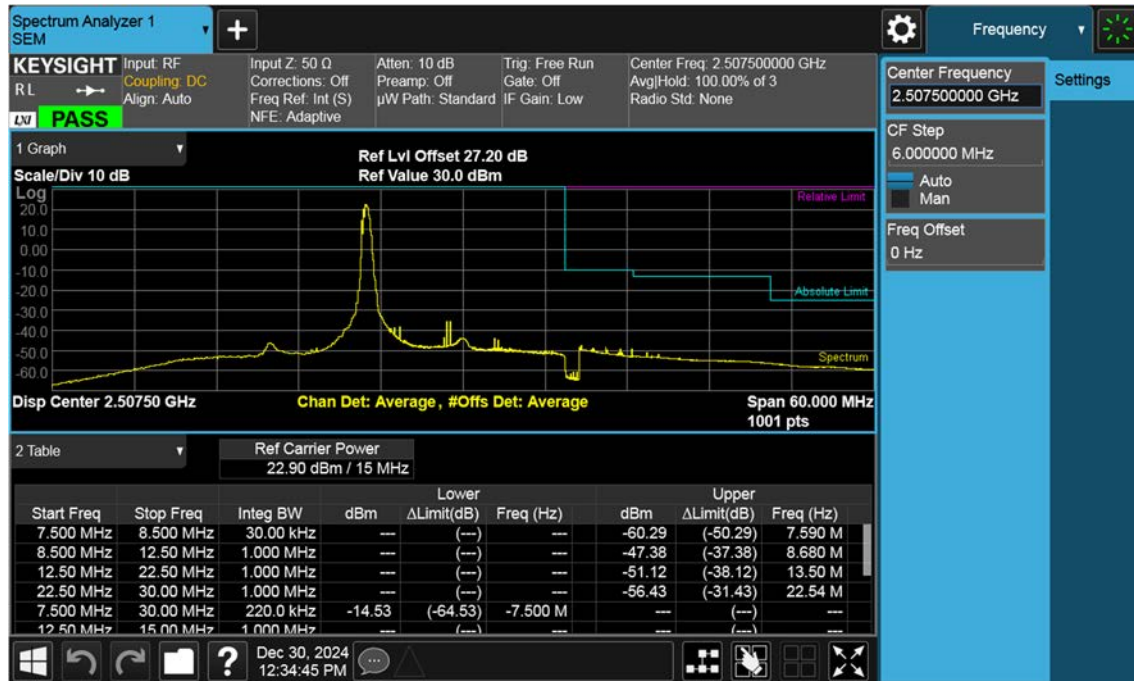
Sub6 n7. Low Channel Edge Plot (15 MHz Ch.501500 BPSK RB 1)-1



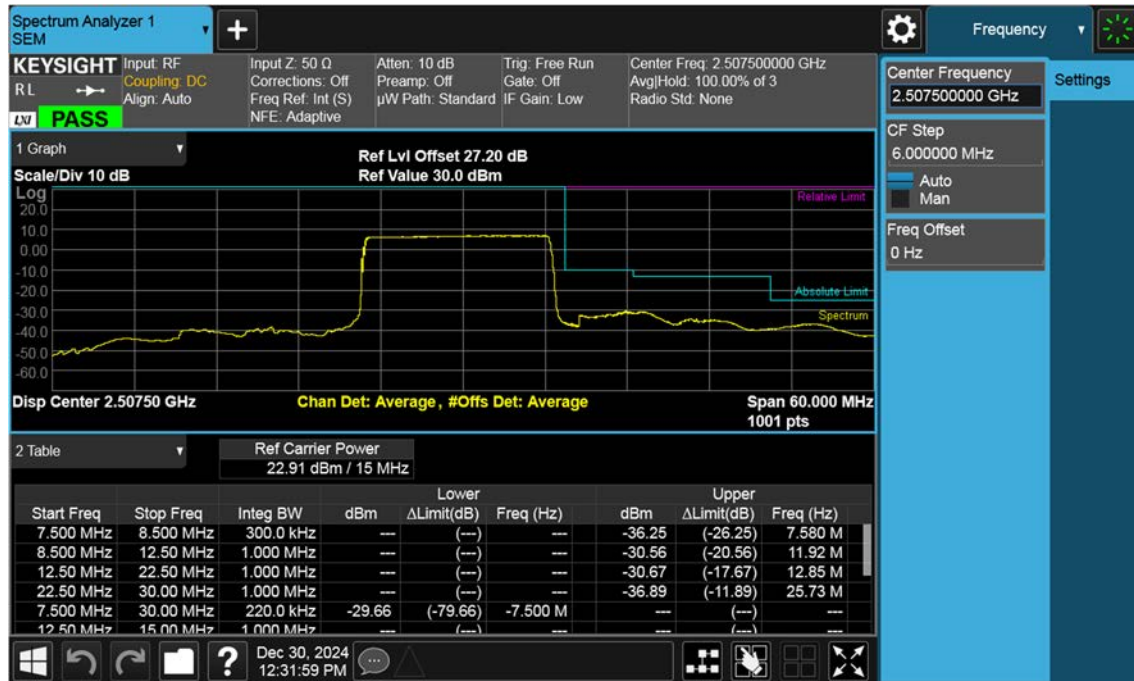
Sub6 n7. Low Channel Edge Plot (15 MHz Ch.501500 BPSK)-1



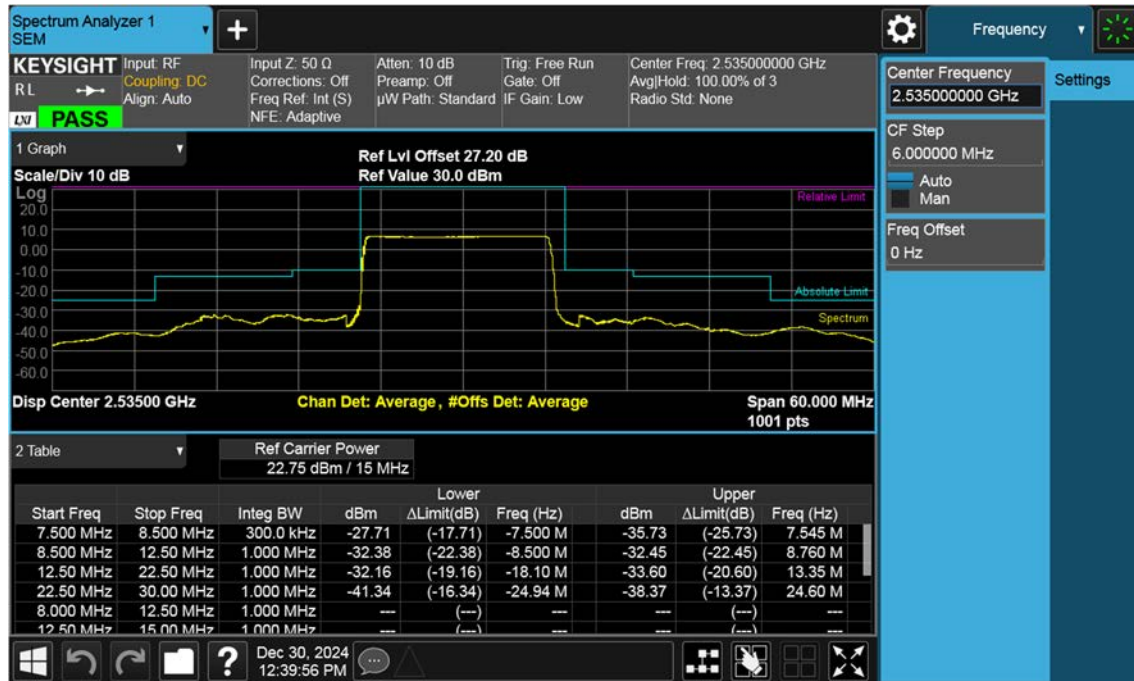
Sub6 n7. Low Channel Edge Plot (15 MHz Ch.501500 BPSK_RB1)-2



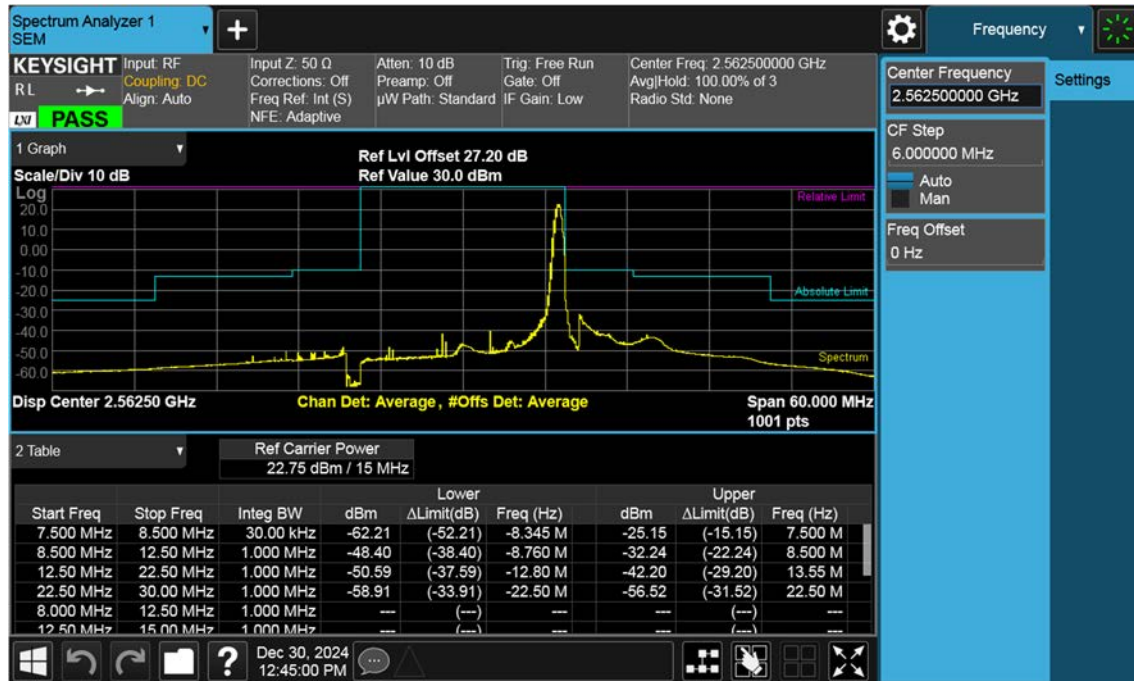
Sub6 n7. Low Channel Edge Plot (15 MHz Ch.501500 BPSK)-2



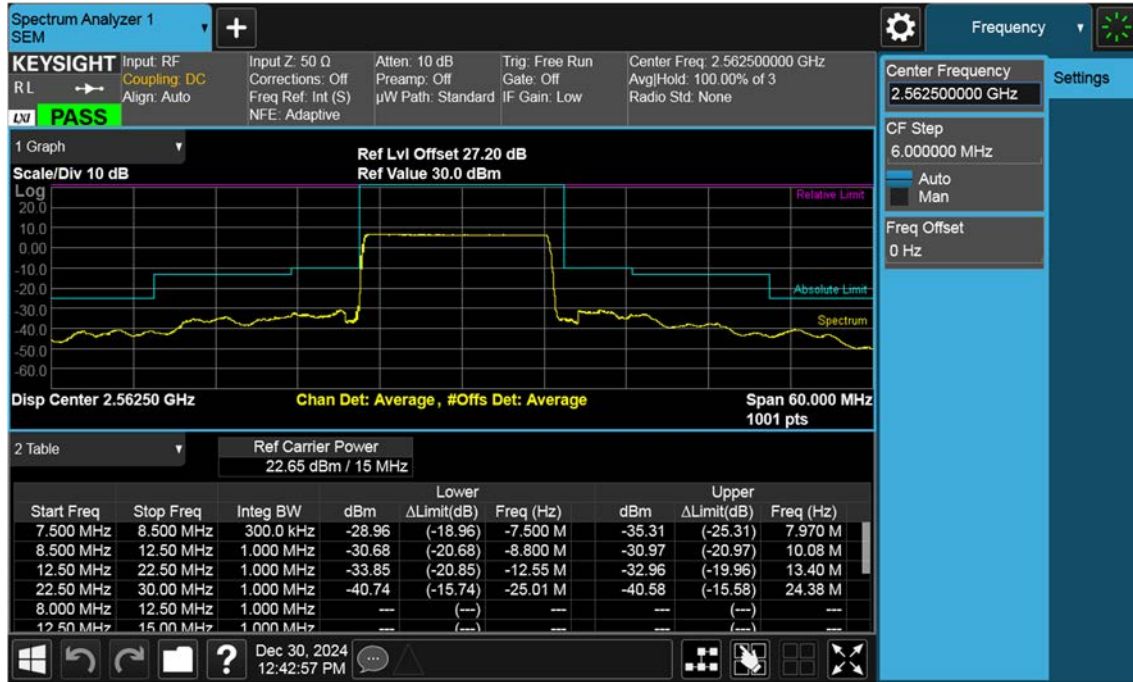
Sub6 n7. Mid Channel Edge Plot (15 MHz Ch.507000 BPSK)



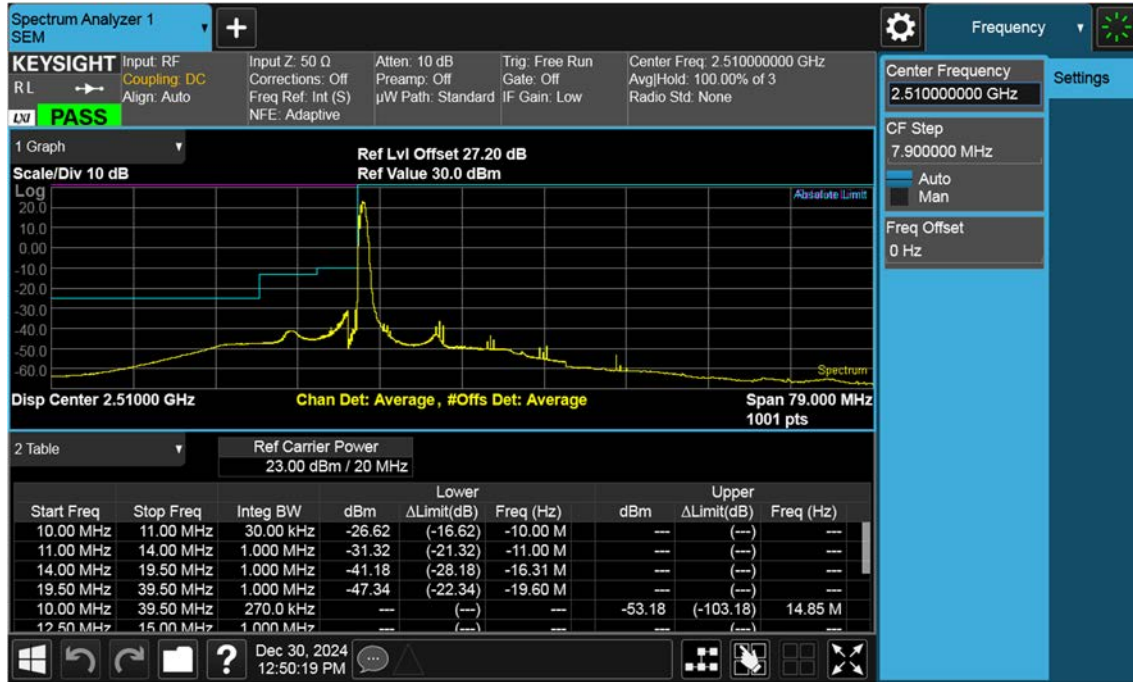
Sub6 n7. High Channel Edge Plot (15 MHz Ch.512500 BPSK RB 1)



Sub6 n7. High Channel Edge Plot (15 MHz Ch.512500 BPSK)



Sub6 n7. Low Channel Edge Plot (20 MHz Ch.502000 BPSK RB 1)-1



Spectrum Analyzer 1
SEM

KEYSTONE 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

Trig: Free Run
Gate: Off
IF Gain: Low

Center Freq: 2.51000000 GHz
Avg/Hold: 100.00% of 3
Radio Std: None

Center Frequency
2.51000000 GHz

CF Step
7.900000 MHz

☒ Auto
☐ Man

Freq Offset
0 Hz

1 Graph

Scale/Div 10 dB

Ref Lvl Offset 27.20 dB
Ref Value 30.0 dBm

Log

Disp Center 2.51000 GHz

Chan Det: Average, #Offs Det: Average

Span 79.000 MHz
1001 pts

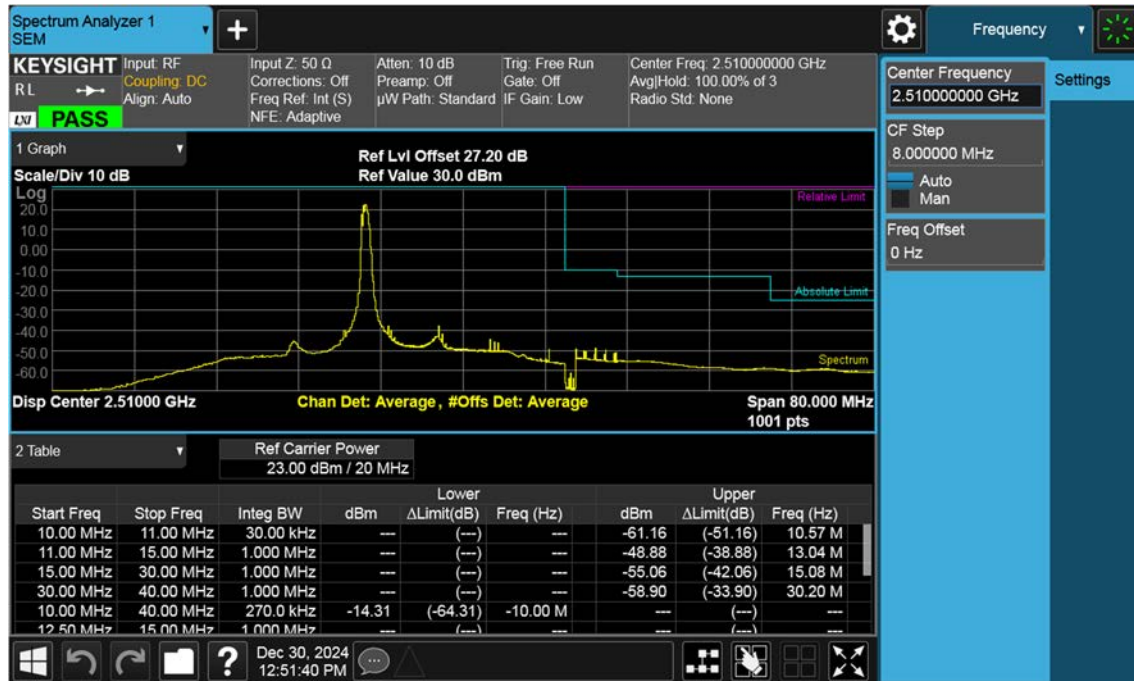
2 Table

Ref Carrier Power
22.88 dBm / 20 MHz

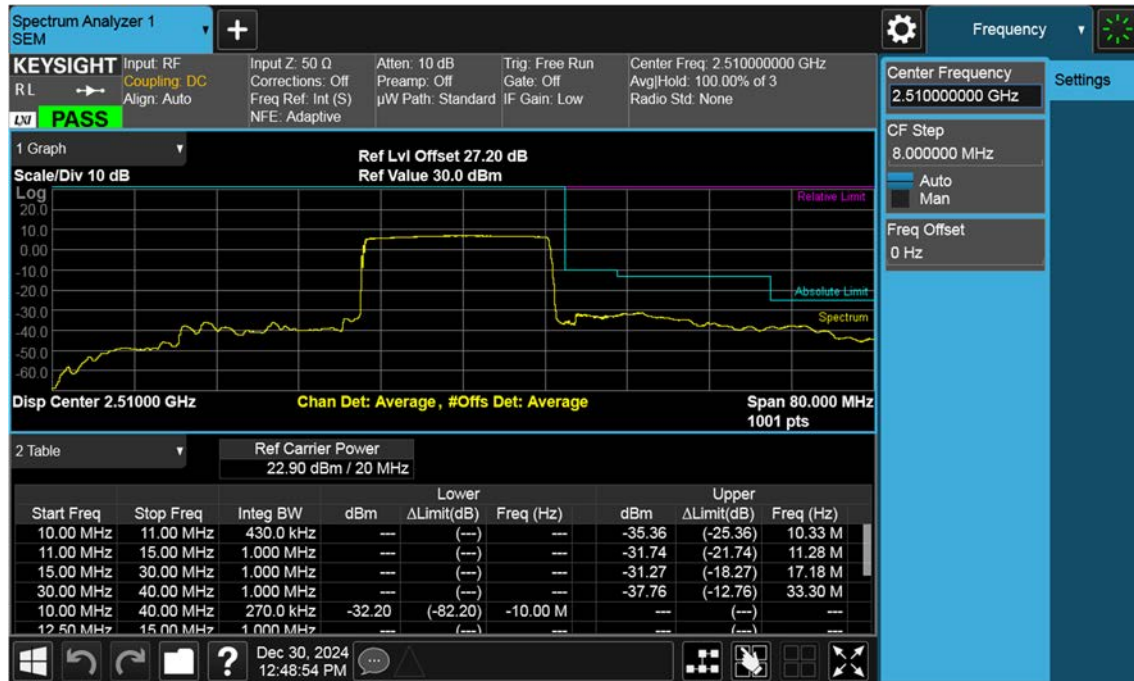
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Freq (Hz)	dBm	Upper ΔLimit(dB)	Freq (Hz)
10.00 MHz	11.00 MHz	430.0 kHz	-28.60	(-18.60)	-10.00 M	---	(---)	---
11.00 MHz	14.00 MHz	1.000 MHz	-28.63	(-18.63)	-11.12 M	---	(---)	---
14.00 MHz	19.50 MHz	1.000 MHz	-30.46	(-17.46)	-18.51 M	---	(---)	---
19.50 MHz	39.50 MHz	1.000 MHz	-31.16	(-6.16)	-24.80 M	---	(---)	---
10.00 MHz	39.50 MHz	270.0 kHz	---	(---)	---	-37.27	(-87.27)	17.27 M
12.50 MHz	15.00 MHz	1.000 MHz	---	(---)	---	---	(---)	---

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12:47:33 PM

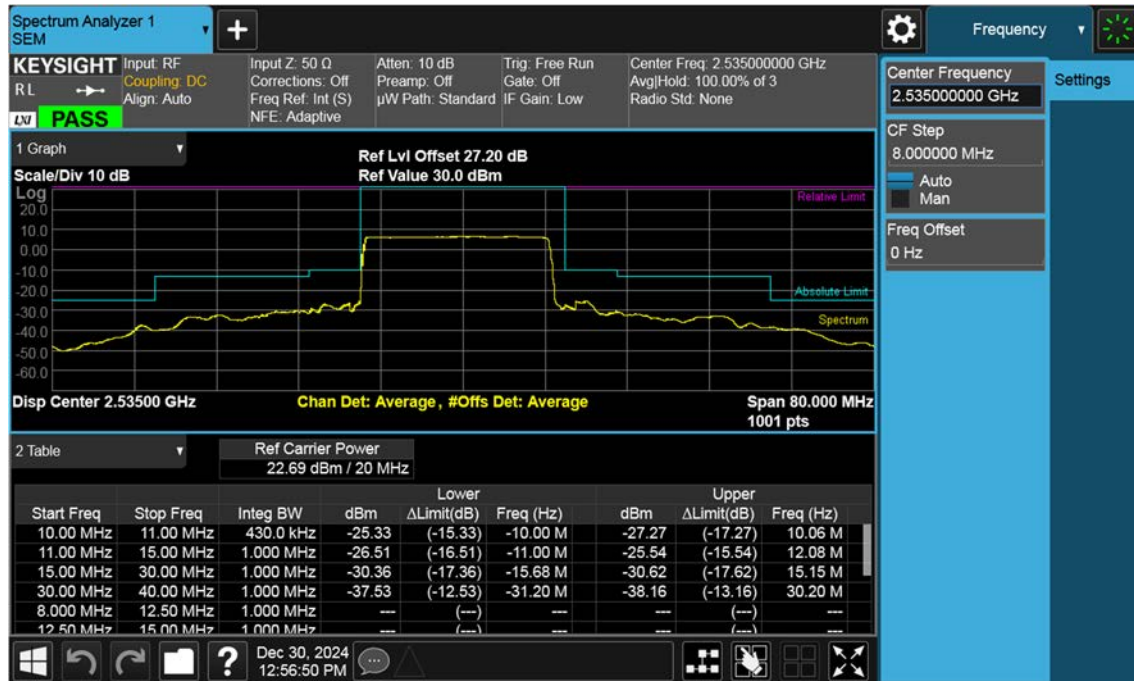
Sub6 n7. Low Channel Edge Plot (20 MHz Ch.502000 BPSK_RB1)-2



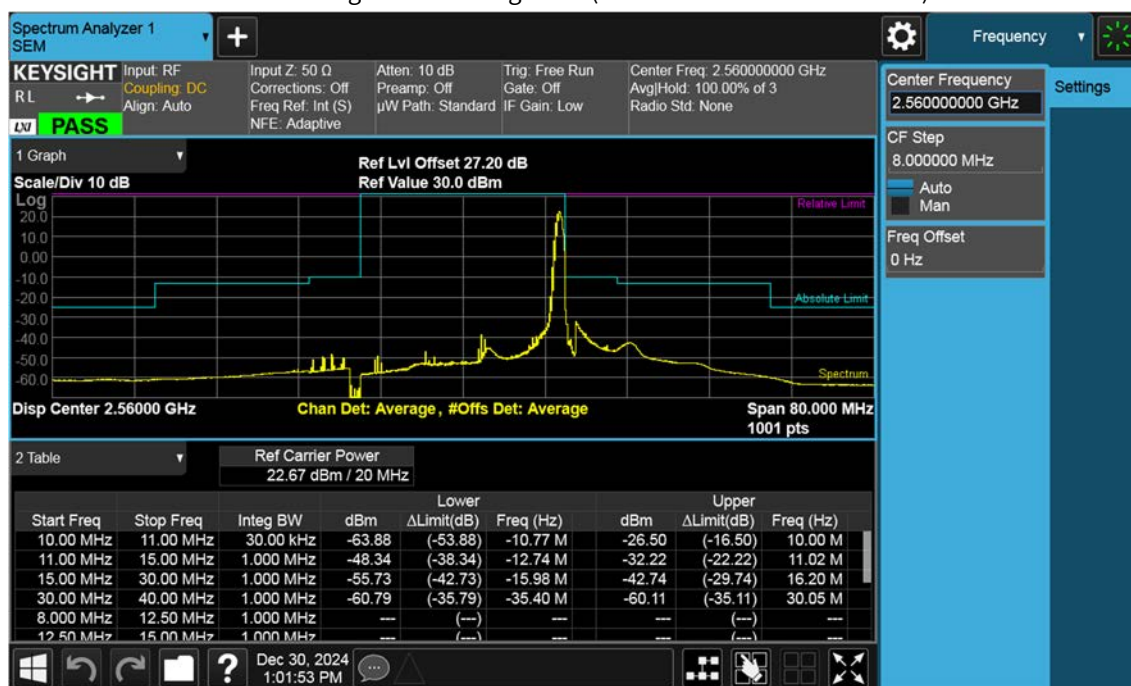
Sub6 n7. Low Channel Edge Plot (20 MHz Ch.502000 BPSK)-2



Sub6 n7. Mid Channel Edge Plot (20 MHz Ch.507000 BPSK)



Sub6 n7. High Channel Edge Plot (20 MHz Ch.512000 BPSK RB 1)



Spectrum Analyzer 1
SEM

+

Frequency

KEYSIGHT
RL → Coupling: DC
Align: Auto

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

Atten: 10 dB
Preamp: Off
μW Path: Standard

Trig: Free Run
Gate: Off
IF Gain: Low

Center Freq: 2.560000000 GHz
Avg/Hold: 100.00% of 3
Radio Std: None

Center Frequency
2.560000000 GHz

CF Step
8.000000 MHz

☒ Auto
☐ Man

Freq Offset
0 Hz

Settings

1 Graph

Scale/Div 10 dB

Ref Lvl Offset 27.20 dB
Ref Value 30.0 dBm

Relative Limit
Absolute Limit
Spectrum

Disp Center 2.56000 GHz **Chan Det: Average, #Offs Det: Average** **Span 80.000 MHz**
1001 pts

2 Table

Ref Carrier Power
22.60 dBm / 20 MHz

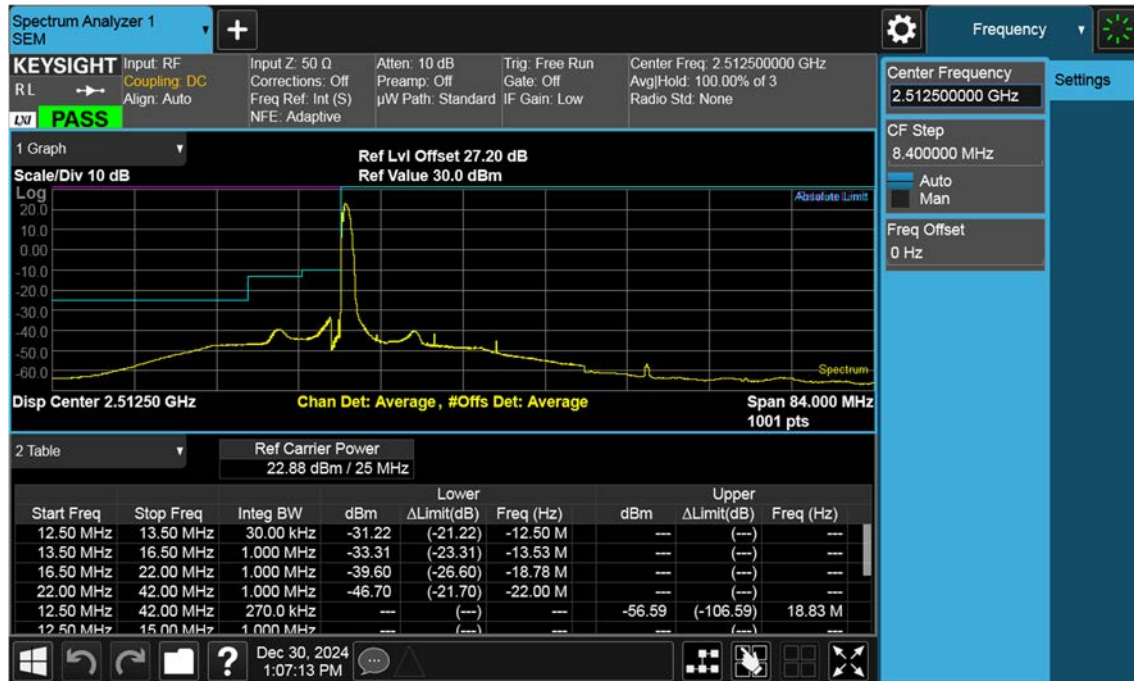
				Lower				Upper	
Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)	
10.00 MHz	11.00 MHz	430.0 kHz	-28.91	(-18.91)	-10.01 M	-32.96	(-22.96)	10.73 M	
11.00 MHz	15.00 MHz	1.000 MHz	-28.43	(-18.43)	-13.64 M	-30.52	(-20.52)	11.00 M	
15.00 MHz	30.00 MHz	1.000 MHz	-30.85	(-17.85)	-16.05 M	-31.55	(-18.55)	17.25 M	
30.00 MHz	40.00 MHz	1.000 MHz	-37.54	(-12.54)	-30.95 M	-41.18	(-16.18)	30.00 M	
8.000 MHz	12.50 MHz	1.000 MHz	---	(---)	---	---	(---)	---	
12.50 MHz	15.00 MHz	1.000 MHz	---	(---)	---	---	(---)	---	

Windows icons

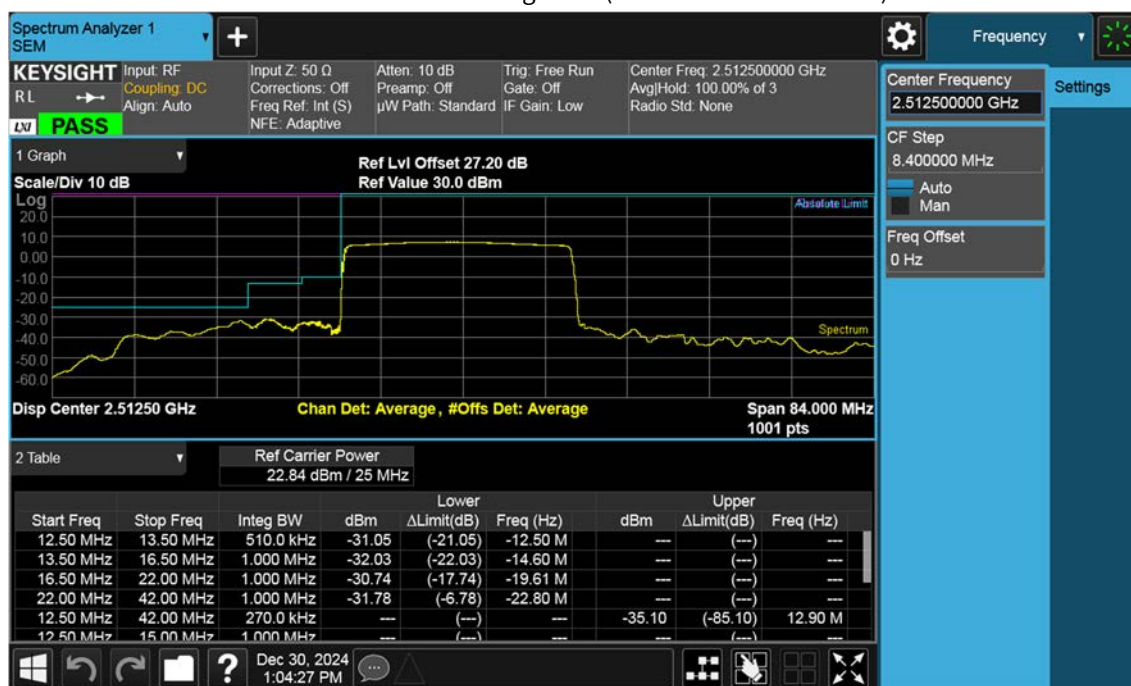
Dec 30, 2024
12:59:51 PM

Navigation icons

Sub6 n7. Low Channel Edge Plot (25 MHz Ch.502500 BPSK RB 1)-1



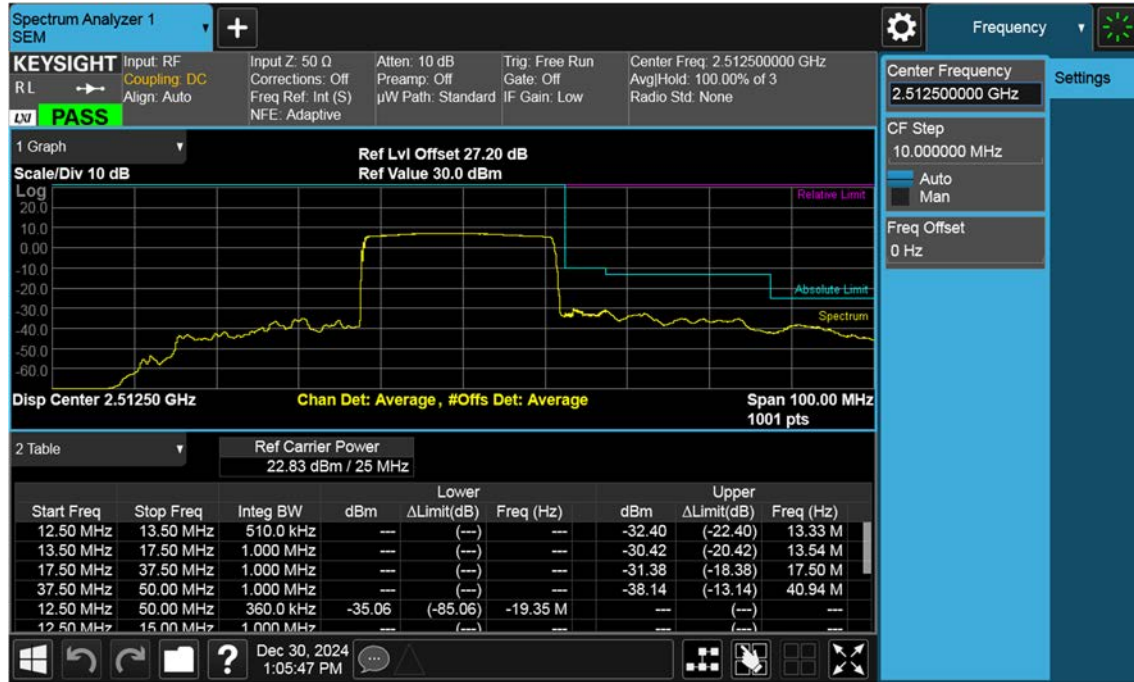
Sub6 n7. Low Channel Edge Plot (25 MHz Ch.502500 BPSK)-1



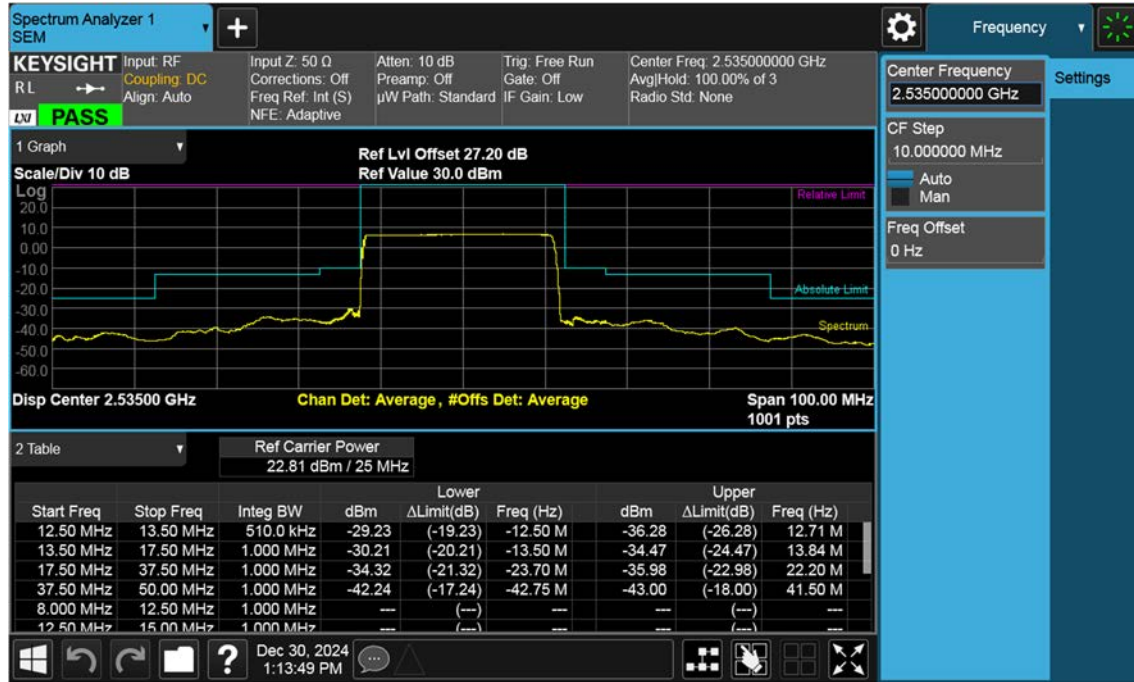
Sub6 n7. Low Channel Edge Plot (25 MHz Ch.502500 BPSK_RB1)-2



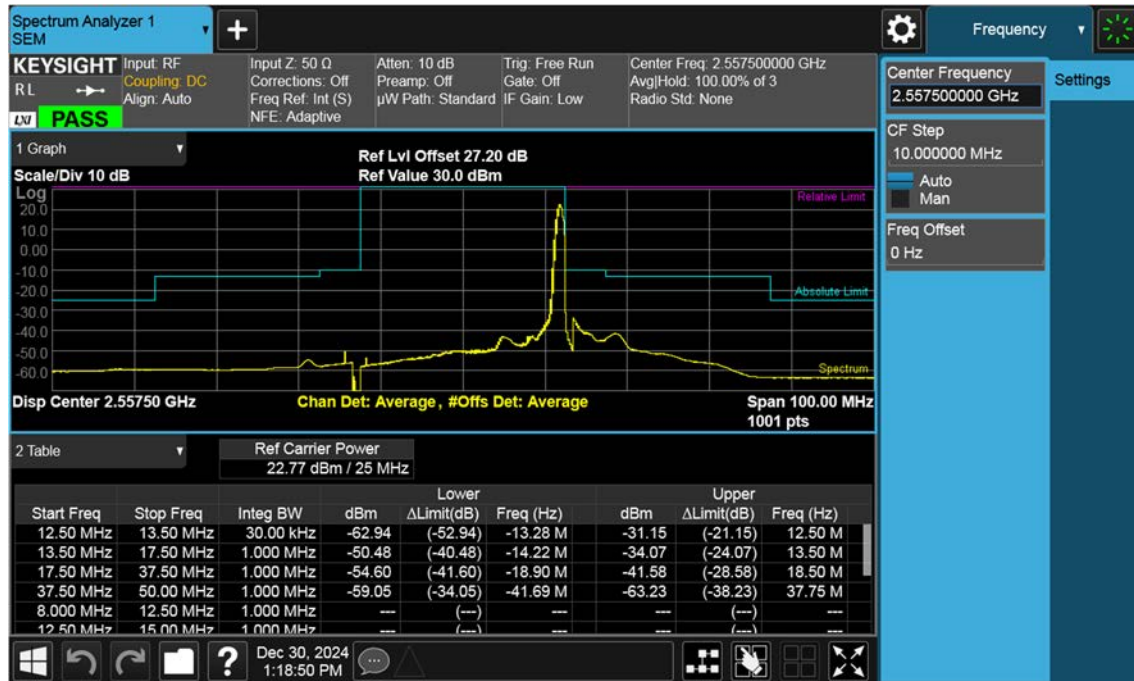
Sub6 n7. Low Channel Edge Plot (25 MHz Ch.502500 BPSK)-2



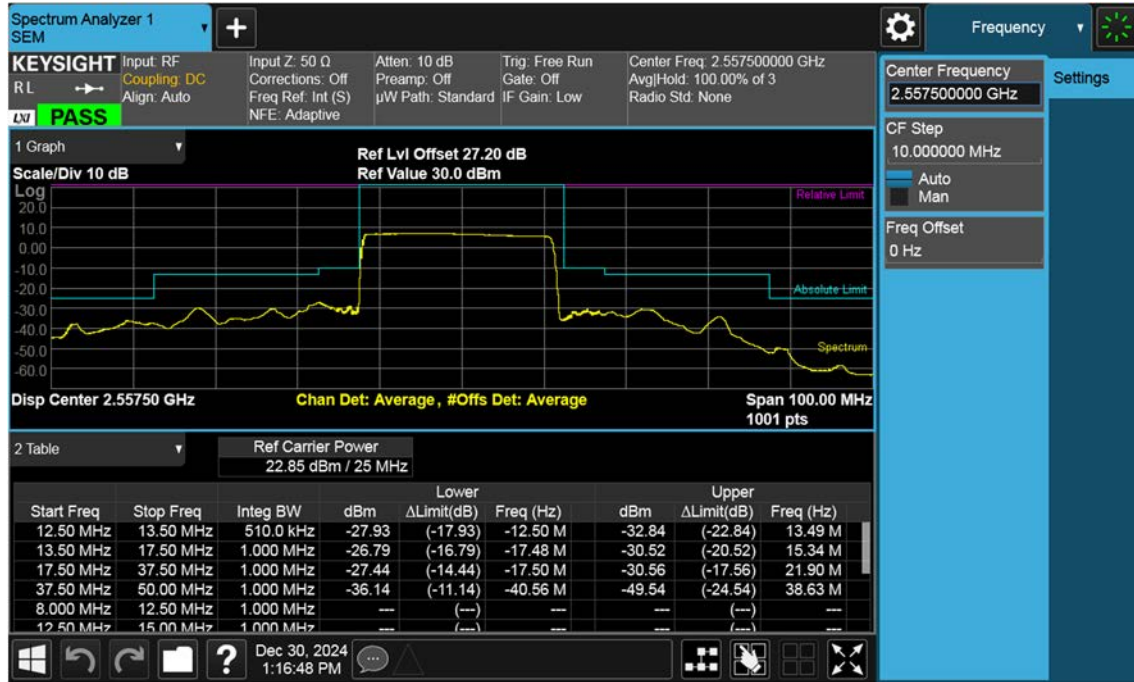
Sub6 n7. Mid Channel Edge Plot (25 MHz Ch.507000 BPSK)



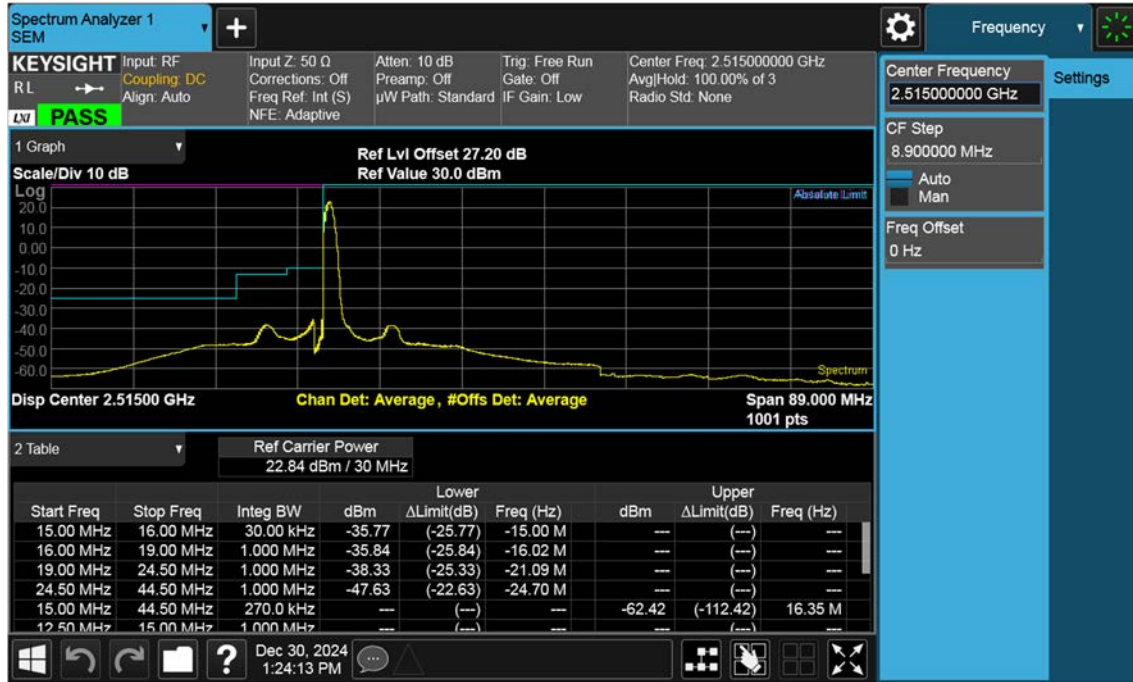
Sub6 n7. High Channel Edge Plot (25 MHz Ch.511500 BPSK RB 1)



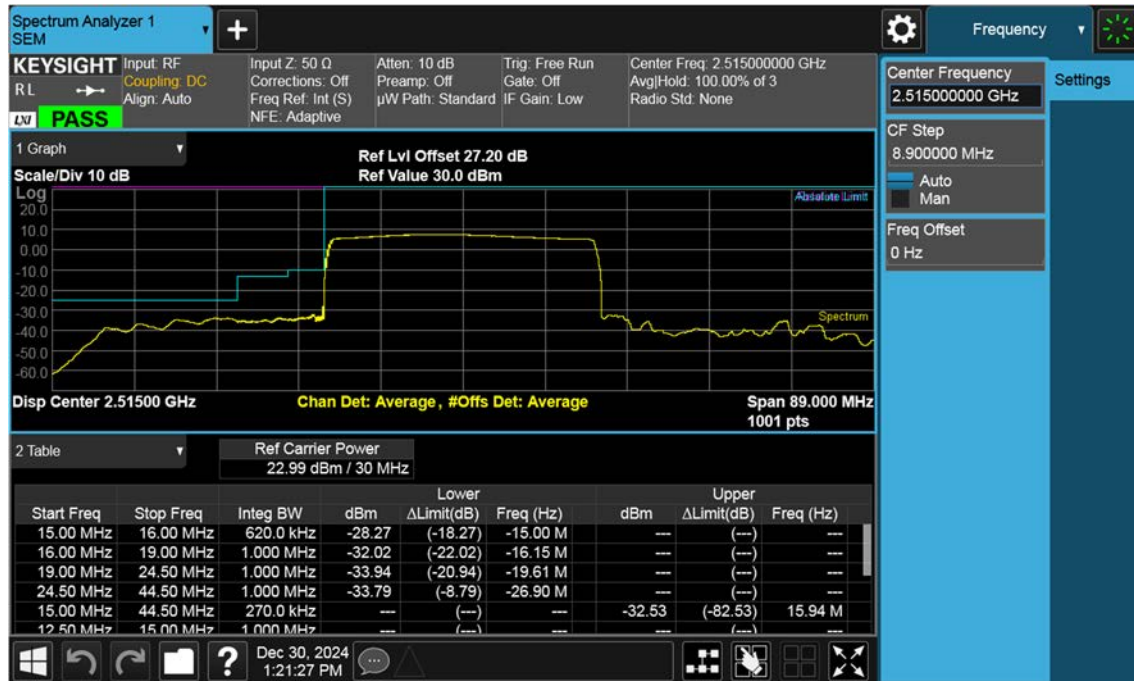
Sub6 n7. High Channel Edge Plot (25 MHz Ch.511500 BPSK)



Sub6 n7. Low Channel Edge Plot (30 MHz Ch.503000 BPSK RB 1)-1



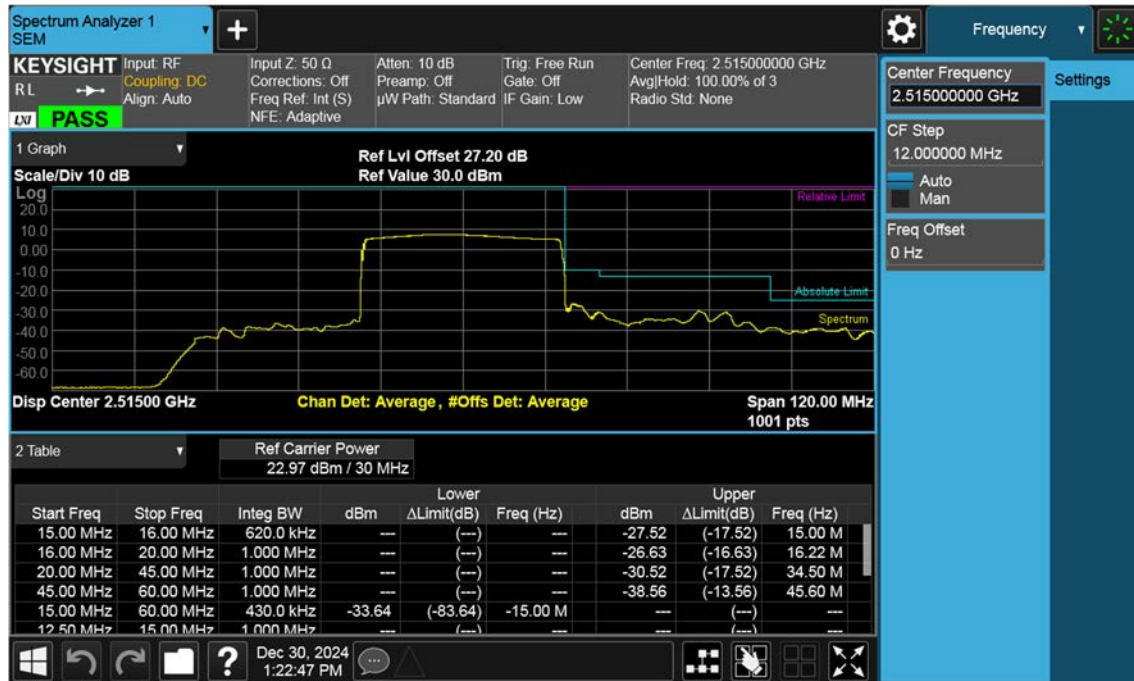
Sub6 n7. Low Channel Edge Plot (30 MHz Ch.503000 BPSK)-1



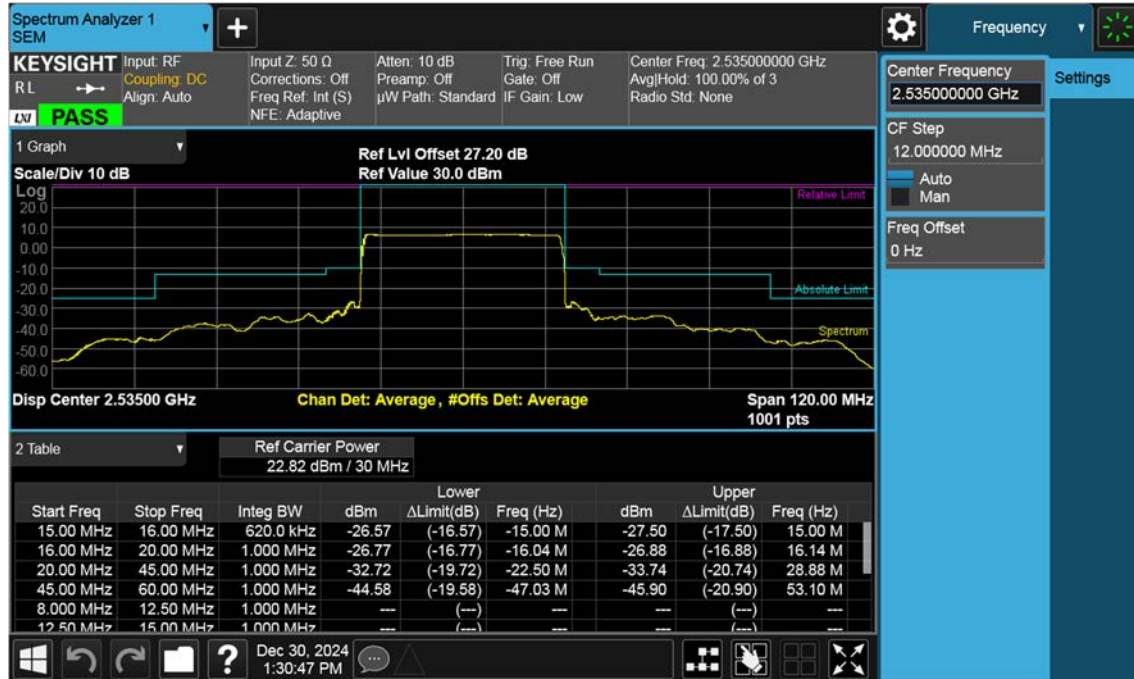
Sub6 n7. Low Channel Edge Plot (30 MHz Ch.503000 BPSK_RB1)-2



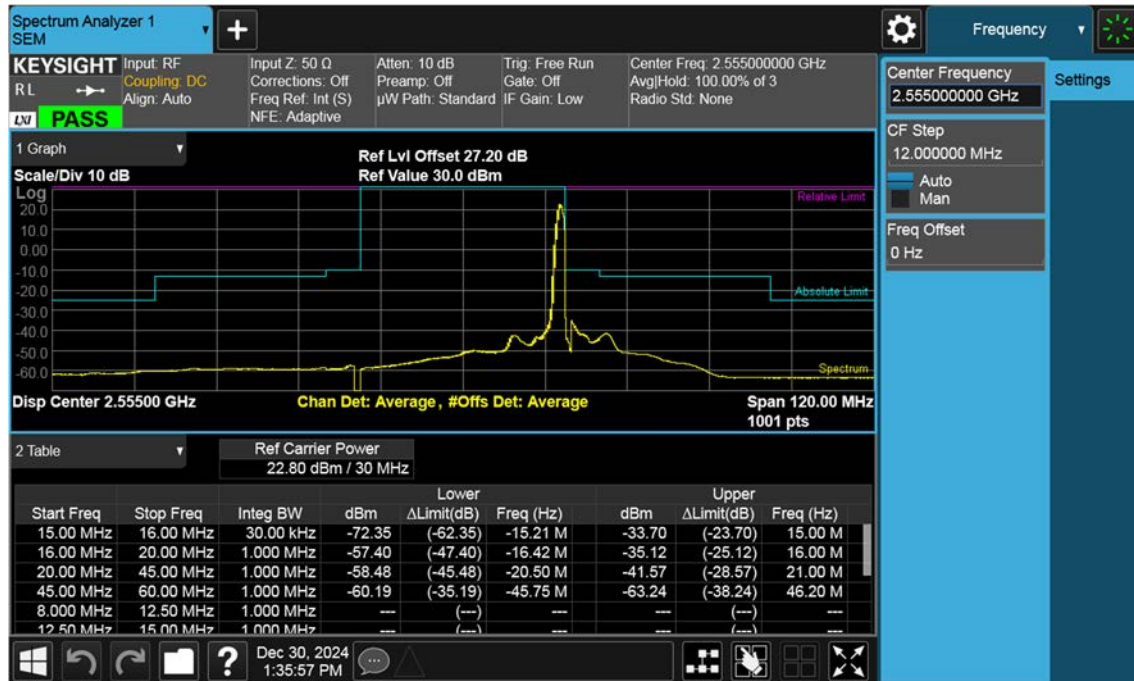
Sub6 n7. Low Channel Edge Plot (30 MHz Ch.503000 BPSK)-2



Sub6 n7. Mid Channel Edge Plot (30 MHz Ch.507000 BPSK)



Sub6 n7. High Channel Edge Plot (30 MHz Ch.511000 BPSK RB 1)



Spectrum Analyzer 1
SEM

KEYSTAY 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

Trig: Free Run
Gate: Off
IF Gain: Low

Center Freq: 2.555000000 GHz
Avg/Hold: 100.00% of 3
Radio Std: None

Center Frequency
2.555000000 GHz

CF Step
12.000000 MHz

Freq Offset
0 Hz

1 Graph
Scale/Div 10 dB
Ref Lvl Offset 27.20 dB
Ref Value 30.0 dBm

Log
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

Relative Limit
Absolute Limit
Spectrum

Disp Center 2.55500 GHz
Chan Det: Average, #Offs Det: Average
Span 120.00 MHz
1001 pts

2 Table
Ref Carrier Power
22.88 dBm / 30 MHz

Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Freq (Hz)	dBm	Upper ΔLimit(dB)	Freq (Hz)
15.00 MHz	16.00 MHz	620.0 kHz	-27.19	(-17.19)	-15.00 M	-29.70	(-19.70)	15.00 M
16.00 MHz	20.00 MHz	1.000 MHz	-30.82	(-20.82)	-16.02 M	-30.12	(-20.12)	16.00 M
20.00 MHz	45.00 MHz	1.000 MHz	-30.30	(-17.30)	-34.38 M	-35.44	(-22.44)	20.00 M
45.00 MHz	60.00 MHz	1.000 MHz	-42.72	(-17.72)	-48.83 M	-61.66	(-36.66)	45.00 M
8.000 MHz	12.50 MHz	1.000 MHz	---	(---)	---	---	(---)	---
12.50 MHz	15.00 MHz	1.000 MHz	---	(---)	---	---	(---)	---

Dec 30, 2024
1:33:55 PM

Sub6 n7. Low Channel Edge Plot (40 MHz Ch.504000 BPSK RB 1)-1

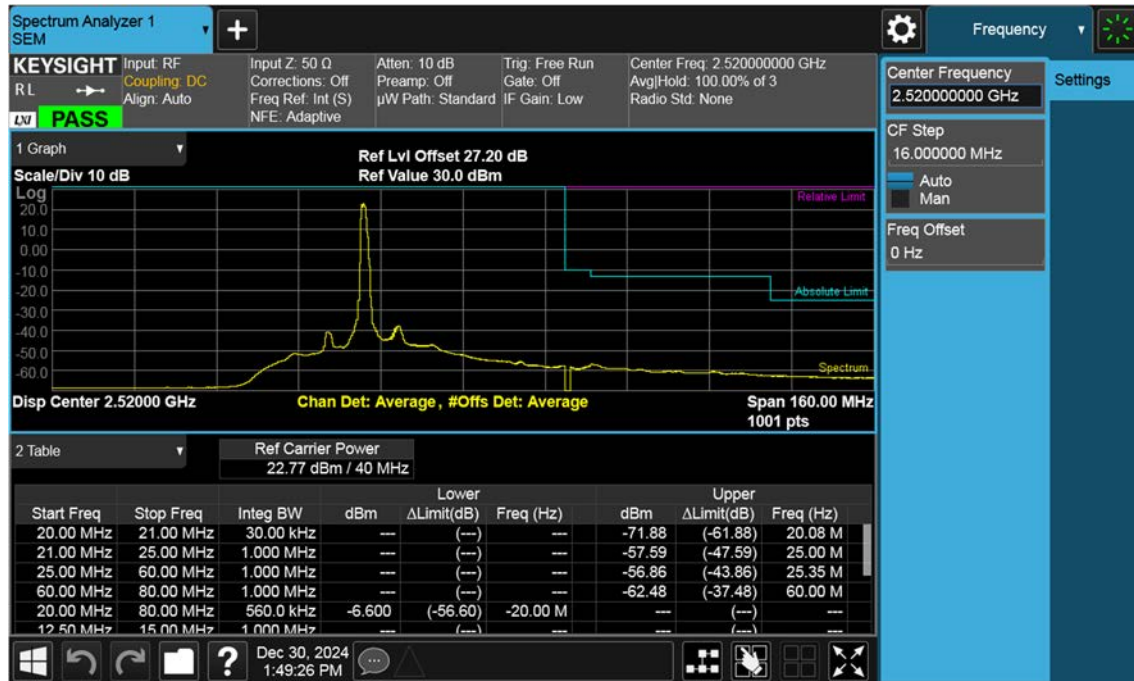


The screenshot displays a Spectrum Analyzer interface with the following components:

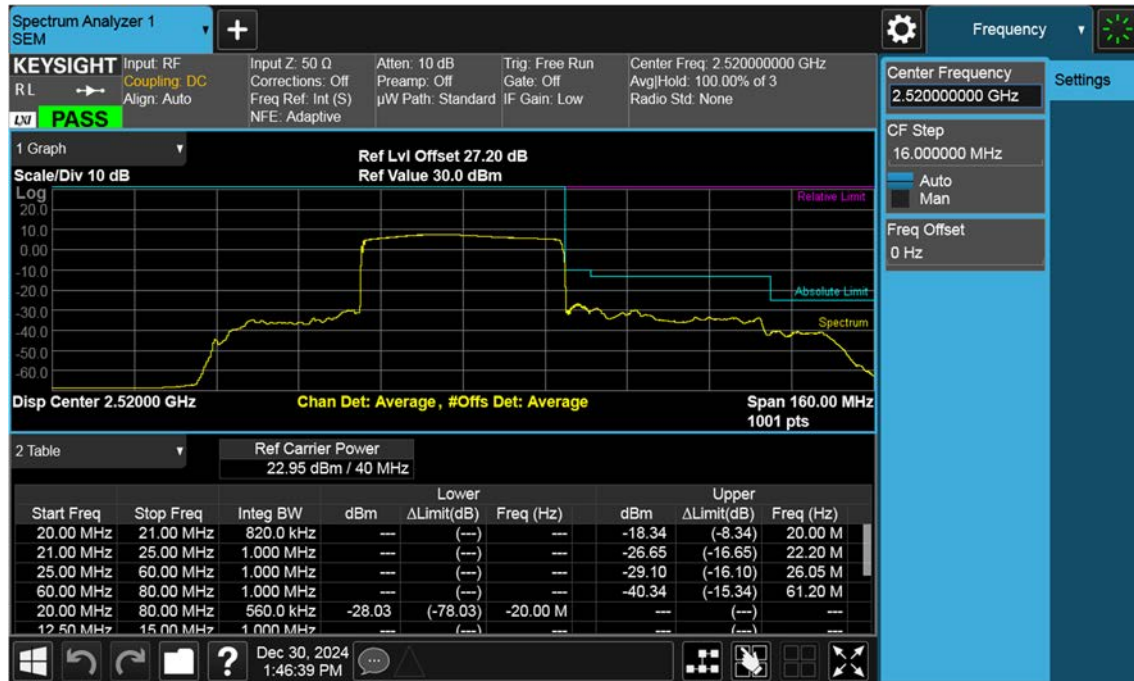
- Top Bar:** Spectrum Analyzer 1 SEM, a plus icon, a gear icon, and a Frequency dropdown menu.
- Key Settings:**
 - Input: RF, Coupling: DC, Align: Auto
 - Input Z: 50 Ω , Corrections: Off, Freq Ref: Int (S), NFE: Adaptive
 - Atten: 10 dB, Preamp: Off, μ W Path: Standard
 - Trig: Free Run, Gate: Off, IF Gain: Low
 - Center Freq: 2.520000000 GHz, Avg/Hold: 100.00% of 3, Radio Std: None
- Right Panel:**
 - Center Frequency: 2.520000000 GHz
 - CF Step: 9.900000 MHz
 - Auto (selected) / Man
 - Freq Offset: 0 Hz
- Main Plot Area:**
 - 1 Graph dropdown
 - Scale/Div 10 dB
 - Ref Lvl Offset 27.20 dB, Ref Value 30.0 dBm
 - Log scale y-axis from -60 to 20.0
 - Plot shows a spectrum with a significant signal between 24.00 MHz and 29.50 MHz.
 - Buttons: Absolute Limit, Spectrum
- Bottom Bar:**
 - Disp Center 2.52000 GHz
 - Chan Det: Average, #Offs Det: Average
 - Span 99.000 MHz, 1001 pts
- Table Section:**
 - 2 Table dropdown
 - Ref Carrier Power: 22.95 dBm / 40 MHz
- Table:**

		Lower		Upper			
Start Freq	Stop Freq	Integ BW	dBm	Δ Limit(dB)	Freq (Hz)	dBm	Δ Limit(dB)
20.00 MHz	21.00 MHz	820.0 kHz	-16.92	(-6.92)	-20.00 M	---	(---)
21.00 MHz	24.00 MHz	1.000 MHz	-26.56	(-16.56)	-23.24 M	---	(---)
24.00 MHz	29.50 MHz	1.000 MHz	-29.07	(-16.07)	-24.17 M	---	(---)
29.50 MHz	49.50 MHz	1.000 MHz	-31.60	(-6.60)	-40.20 M	---	(---)
20.00 MHz	49.50 MHz	270.0 kHz	---	(---)	---	-33.00	(-83.00)
12.50 MHz	15.00 MHz	1.000 MHz	---	(---)	---	---	(---)
- Footer:** Windows taskbar showing the date Dec 30, 2024, time 1:45:19 PM, and various system icons.

Sub6 n7. Low Channel Edge Plot (40 MHz Ch.504000 BPSK_RB1)-2



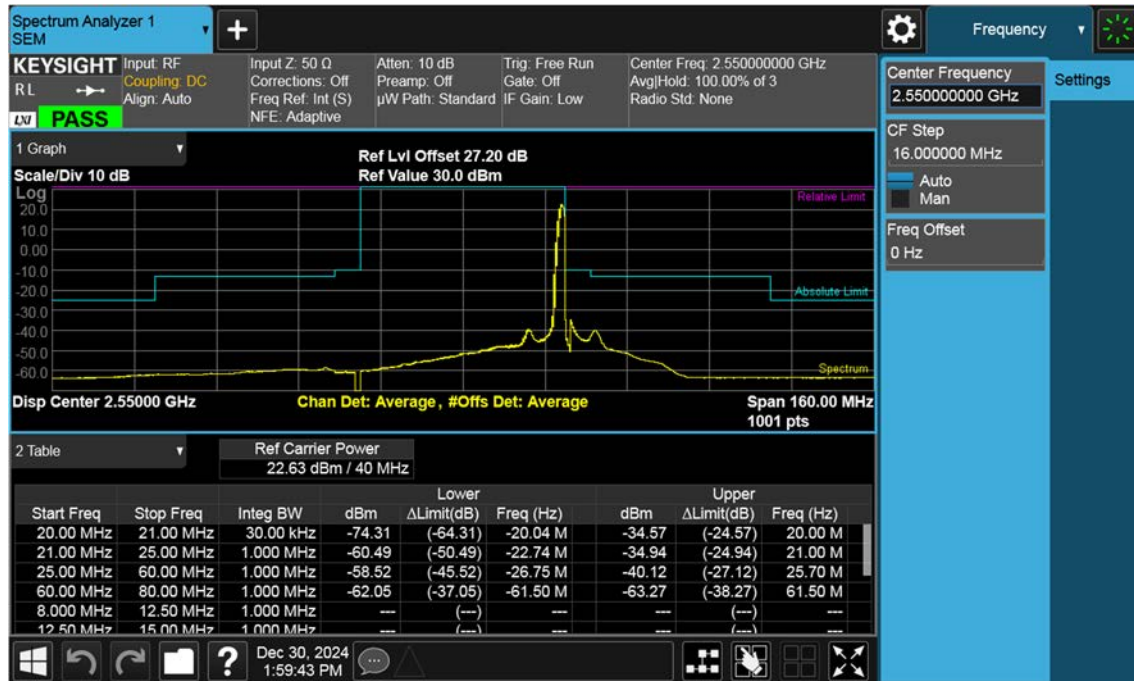
Sub6 n7. Low Channel Edge Plot (40 MHz Ch.504000 BPSK)-2



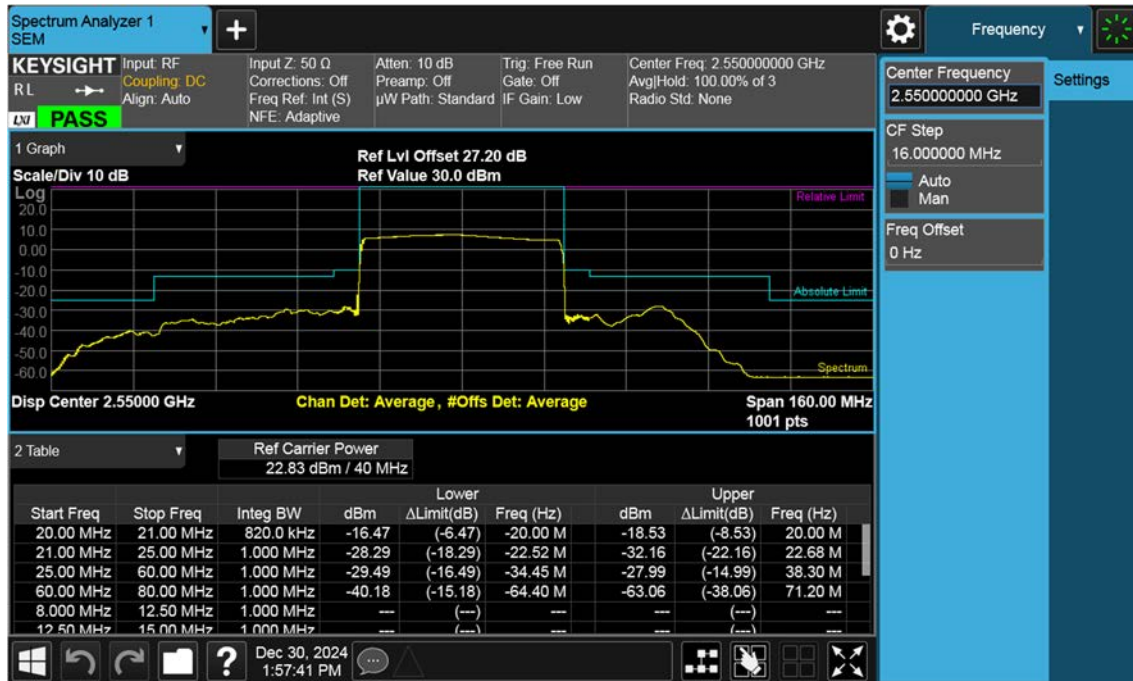
Sub6 n7. Mid Channel Edge Plot (40 MHz Ch.507000 BPSK)



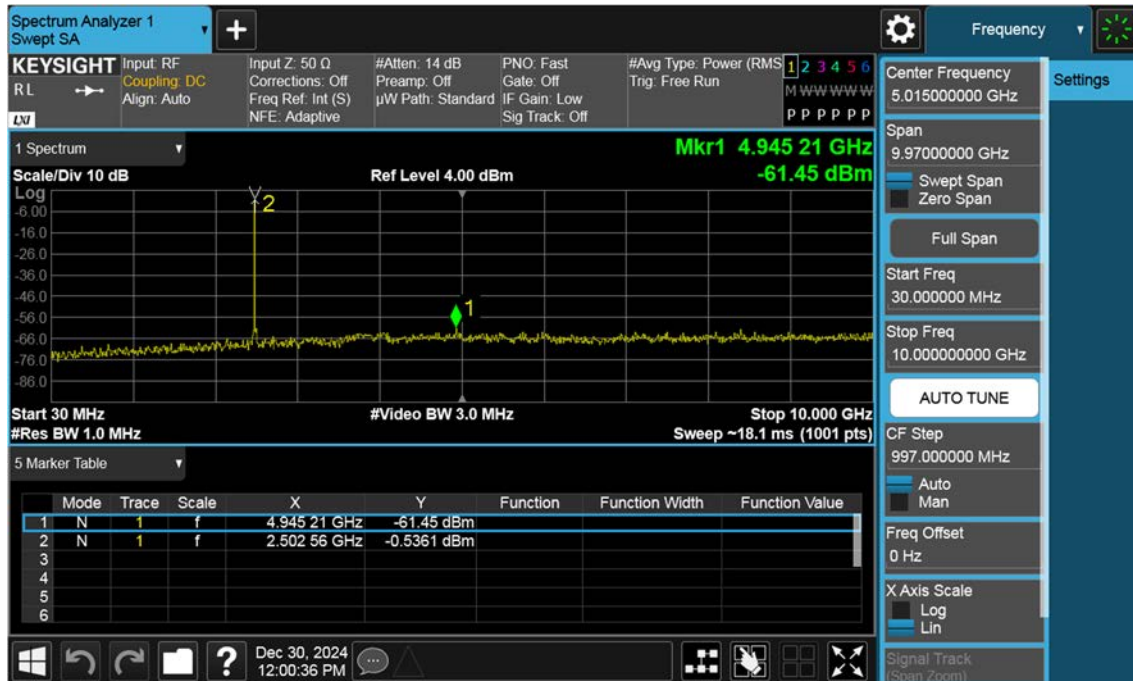
Sub6 n7. High Channel Edge Plot (40 MHz Ch.510000 BPSK RB 1)



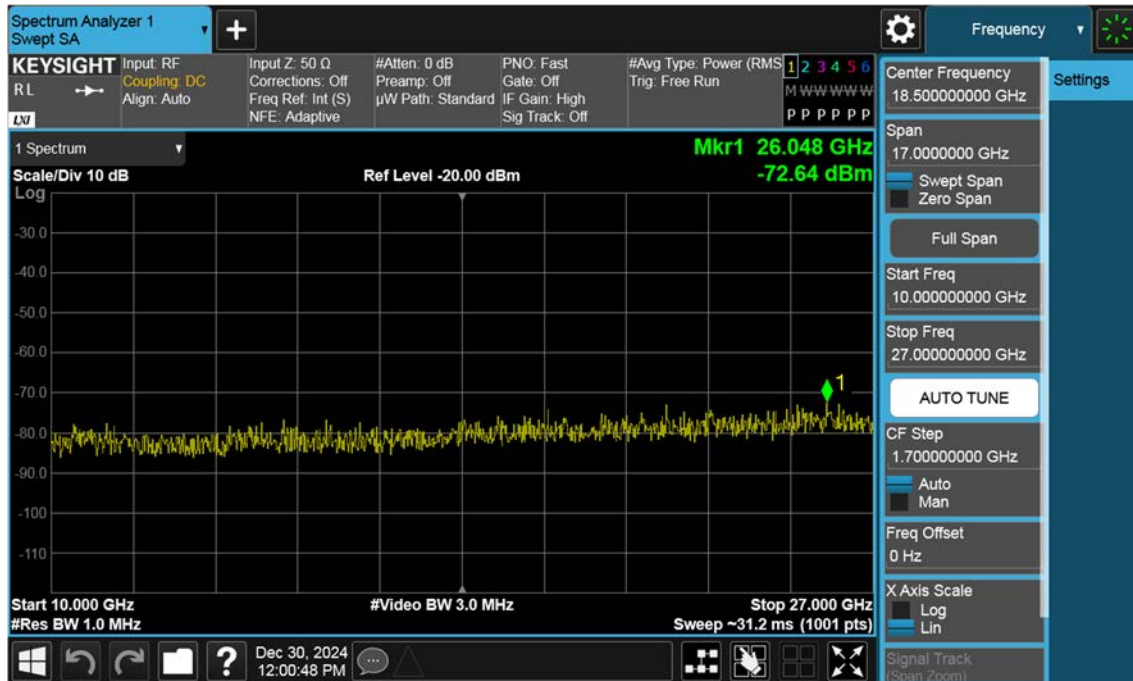
Sub6 n7. High Channel Edge Plot (40 MHz Ch.510000 BPSK)



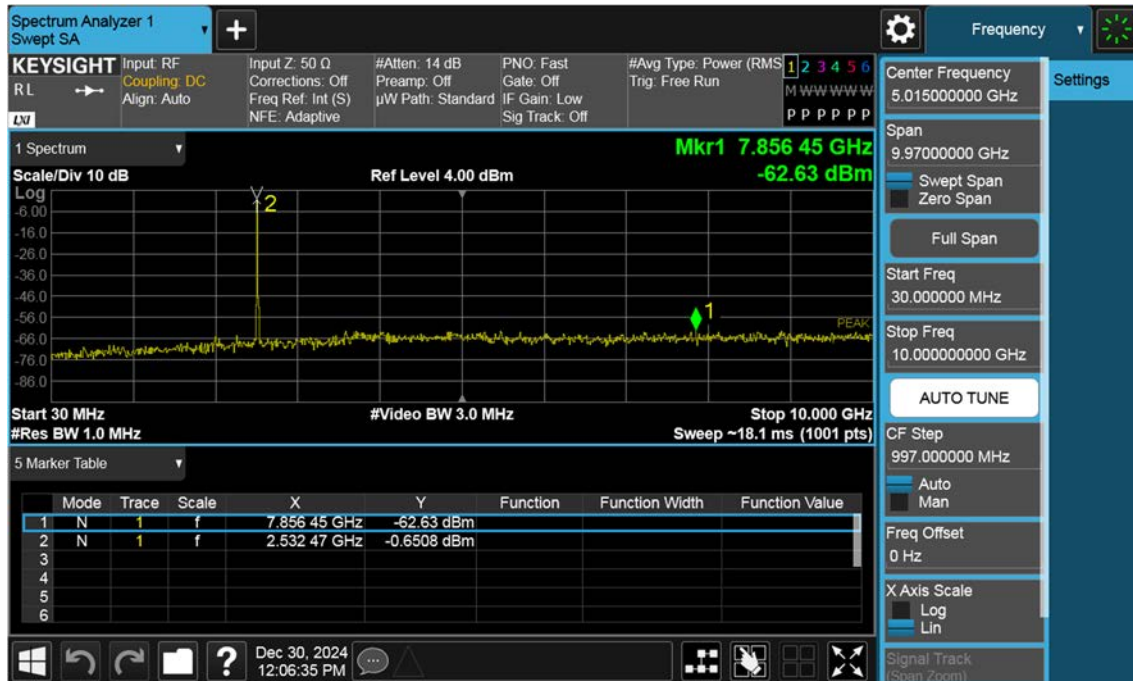
Sub6 n7. Conducted Spurious_1 (500500ch_5 MHz_BPSK_RB 1)



Sub6 n7. Conducted Spurious_2 (500500ch_5 MHz_BPSK_RB 1)



Sub6 n7. Conducted Spurious_1 (507000ch_5 MHz_BPSK_RB 1)



Sub6 n7. Conducted Spurious_2 (507000ch_5 MHz_BPSK_RB 1)

