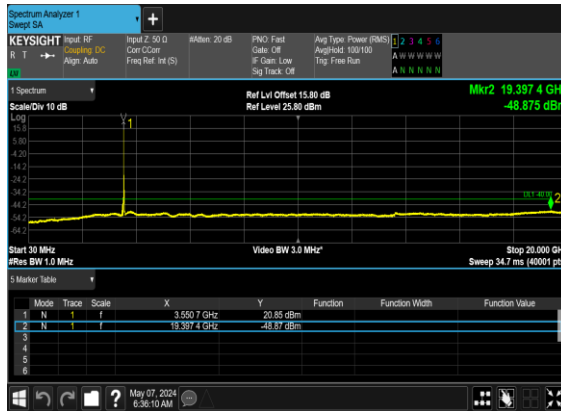
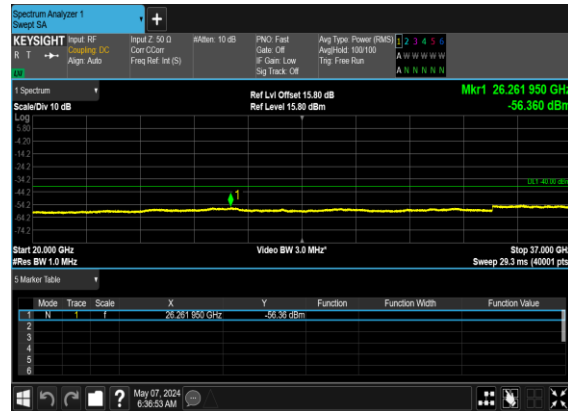


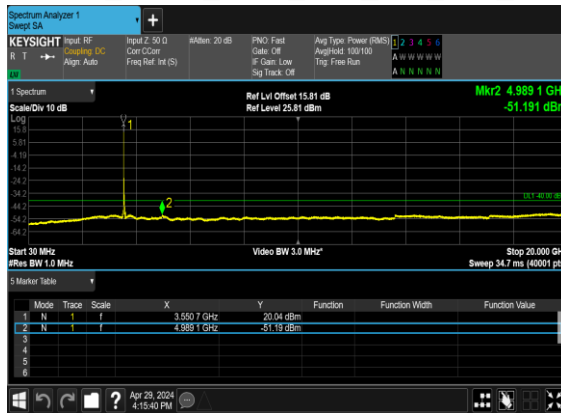
N48(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



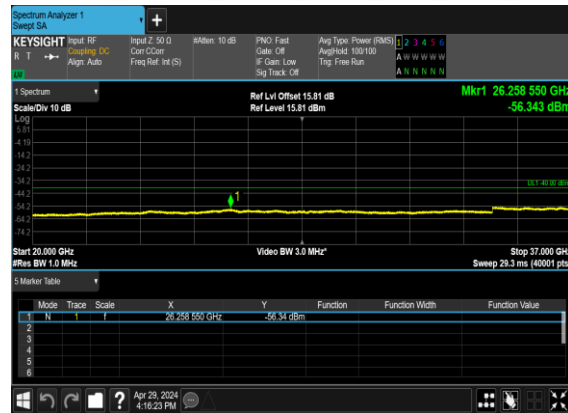
N48(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



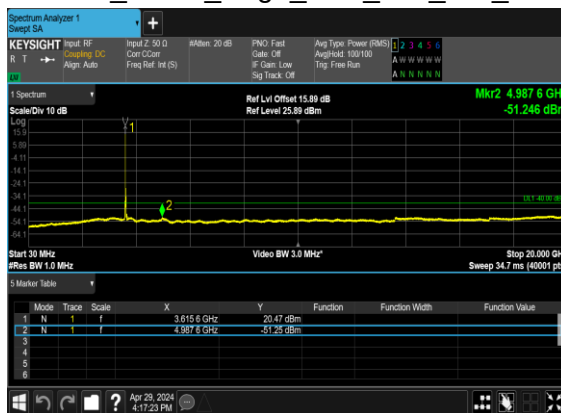
N48(20M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



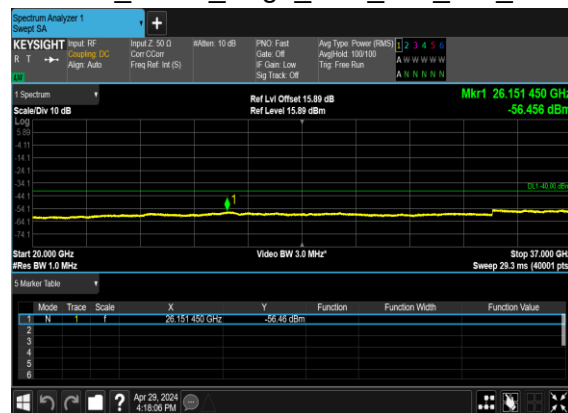
N48(20M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



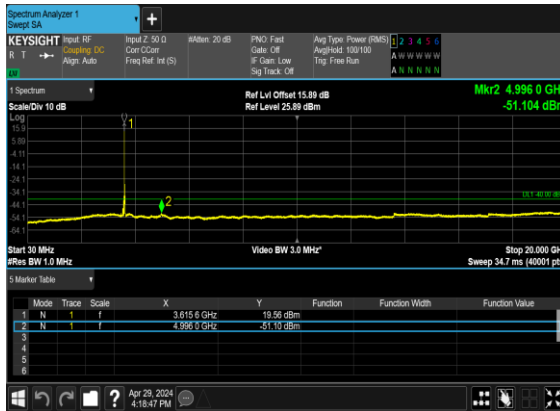
N48(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



N48(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



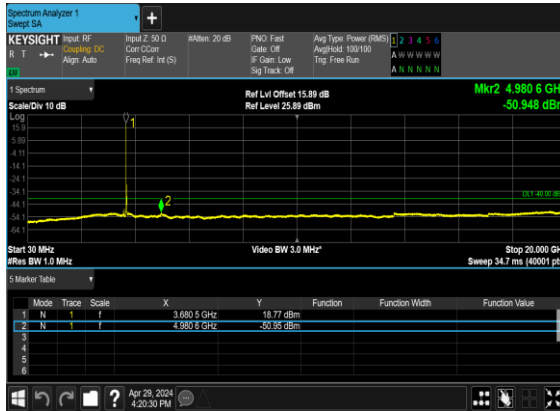
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



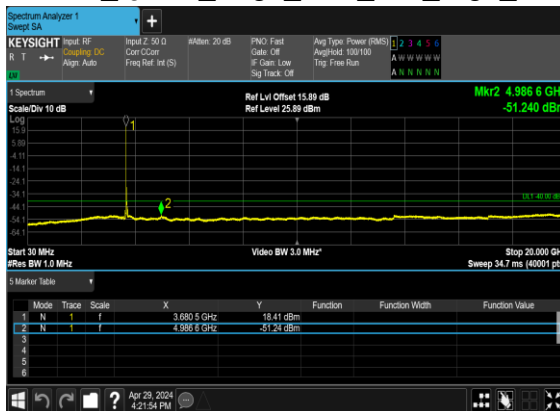
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



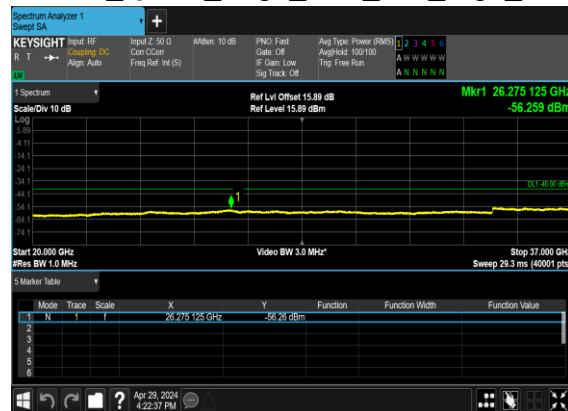
N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



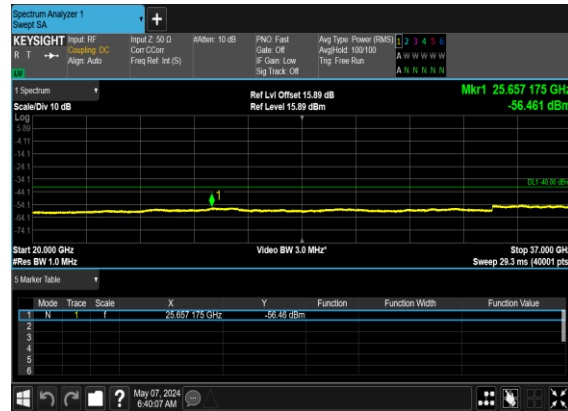
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OFDM_QPSK_Edge_1RB_Left_High_CH



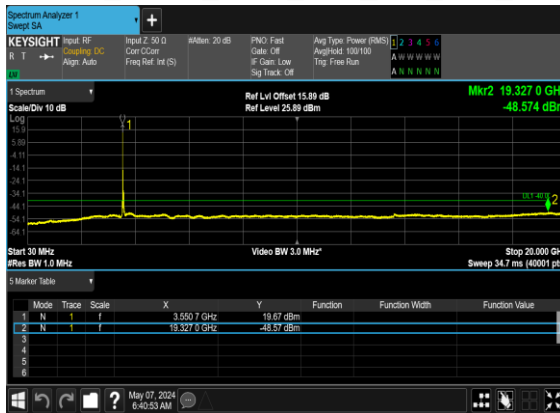
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



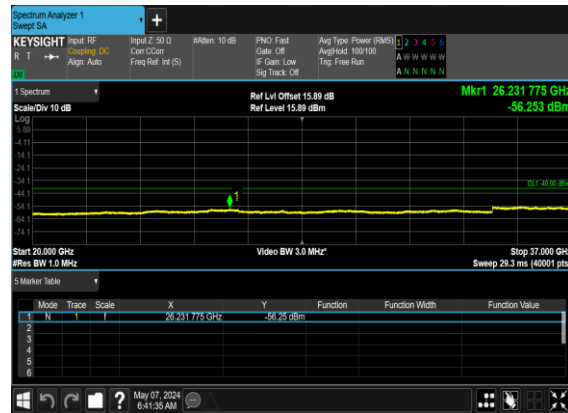
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OFDM_BPSK_Edge_1RB_Left_Low_CH



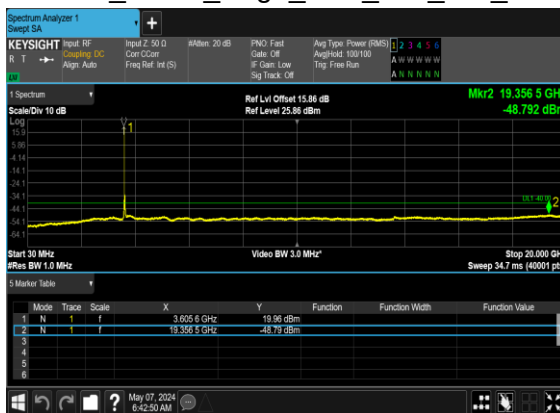
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OFDM_QPSK_Edge_1RB_Left_Low_CH



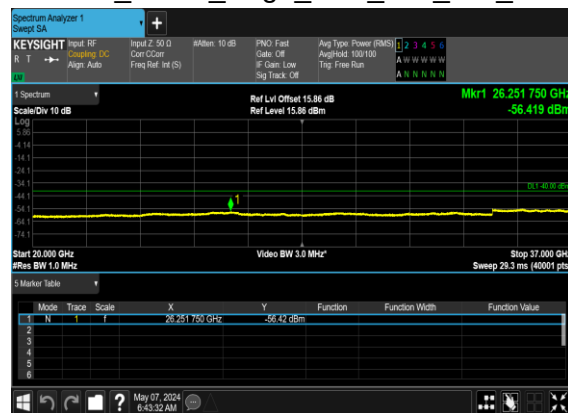
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OFDM_QPSK_Edge_1RB_Left_Low_CH



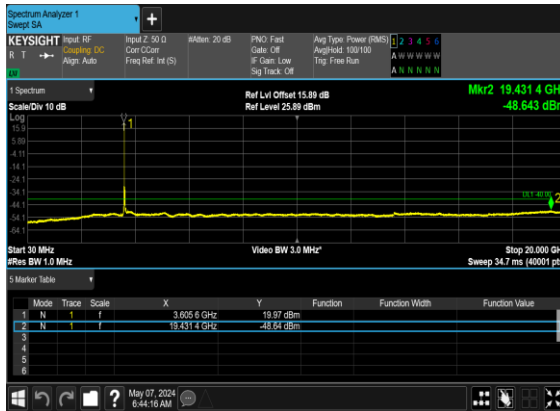
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



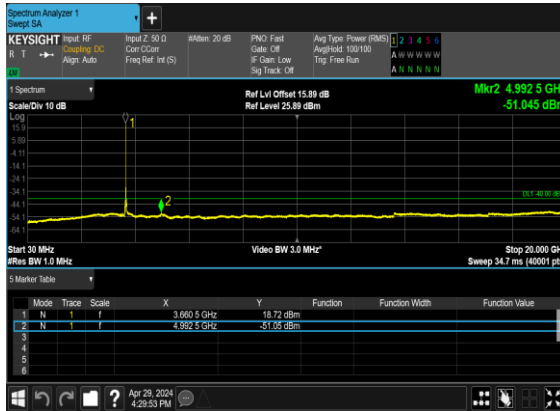
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



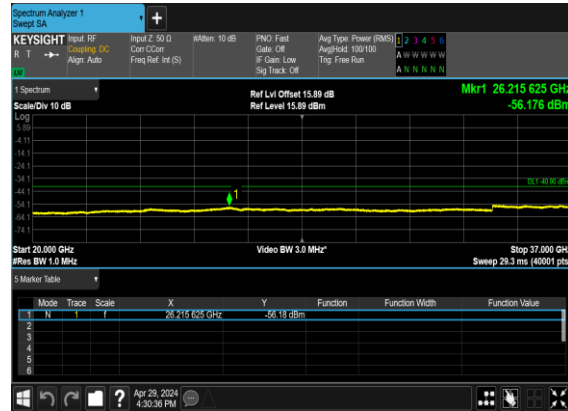
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



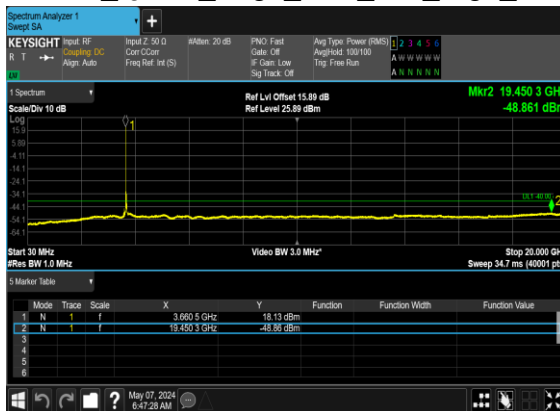
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



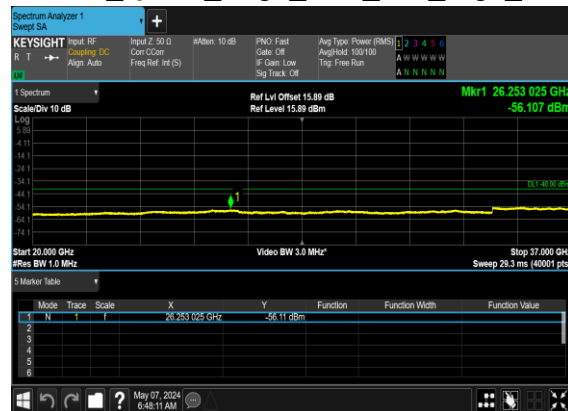
N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



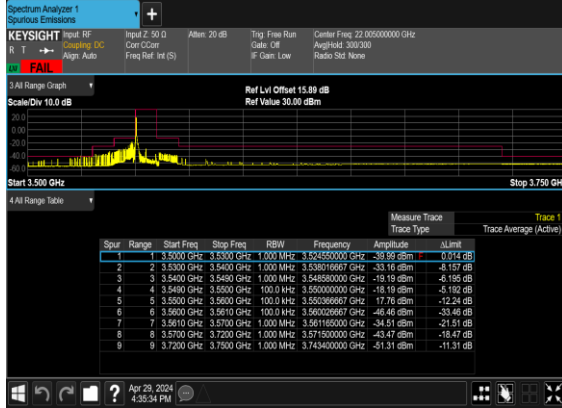
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	1@51	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@51	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	1@51	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@51	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@105	see graph	PASS

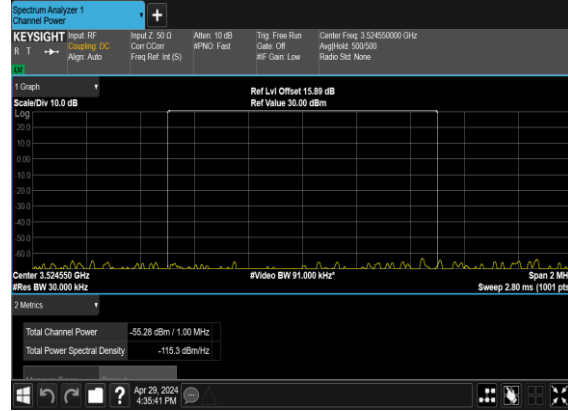
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	1@215	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@215	see graph	PASS

48	15	40	641666	3624.99	DFT-s-OFDM BPSK	216@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	216@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	1@215	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@215	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	216@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	216@0	see graph	PASS

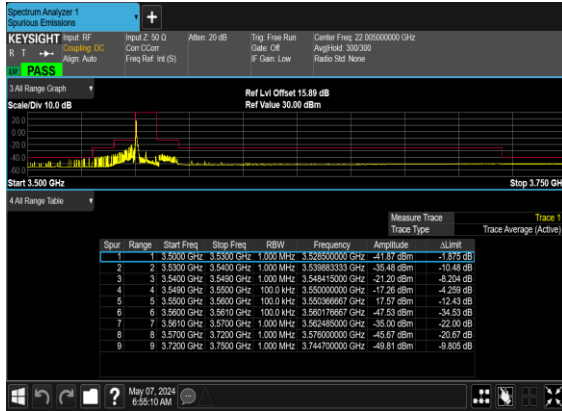
N48(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



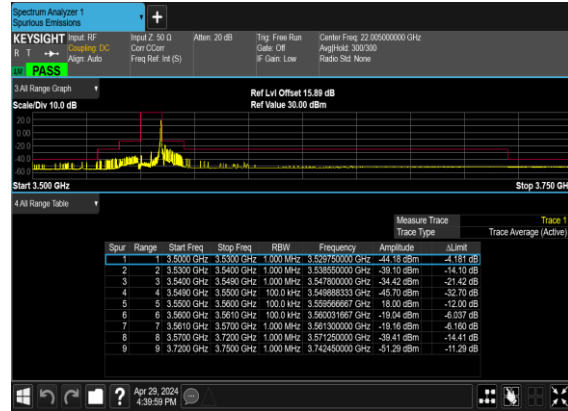
N48(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PA SS



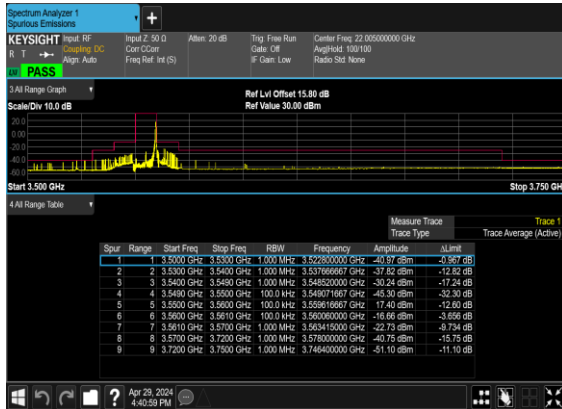
N48(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



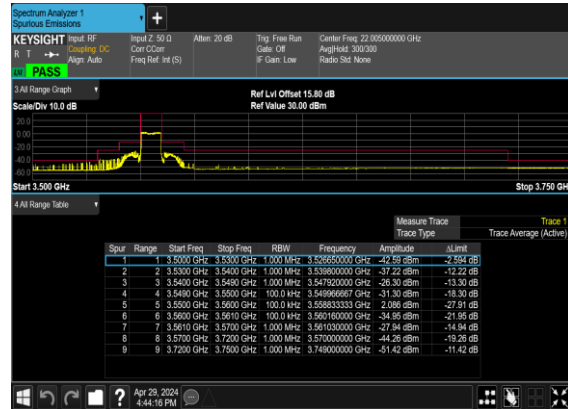
N48(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_Low_CH



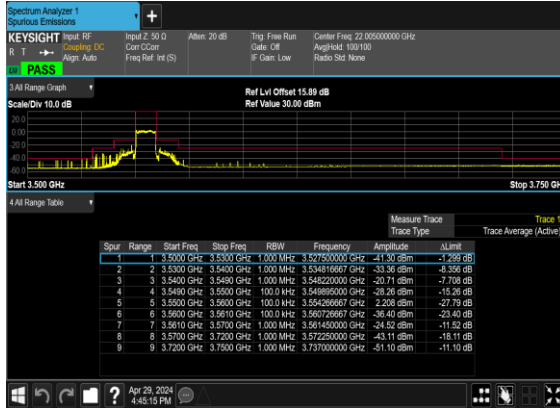
N48(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Low_CH



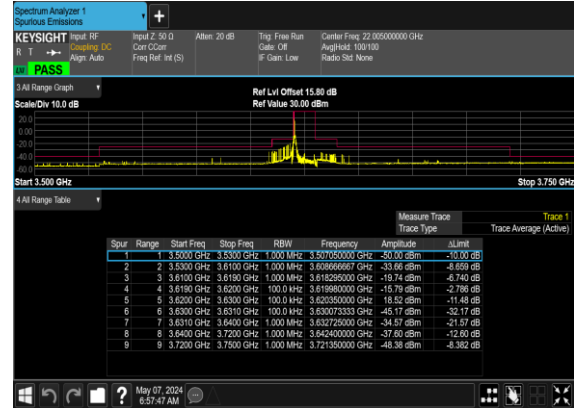
N48(10M)_DFT-s- OFDM_BPSK_Outer_Full_Low_CH



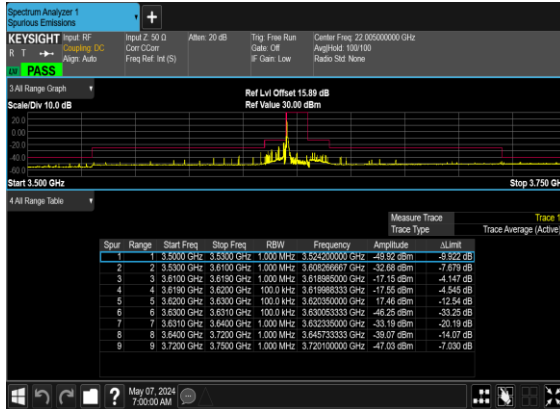
N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



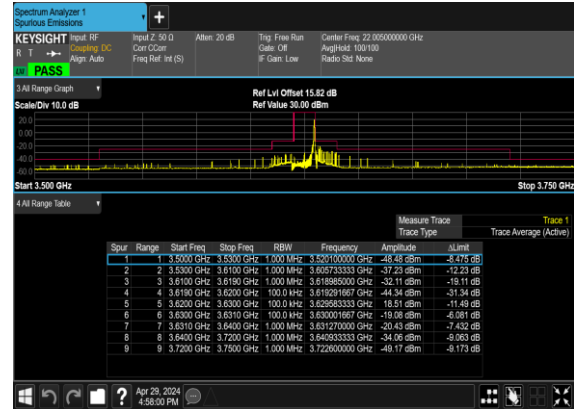
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



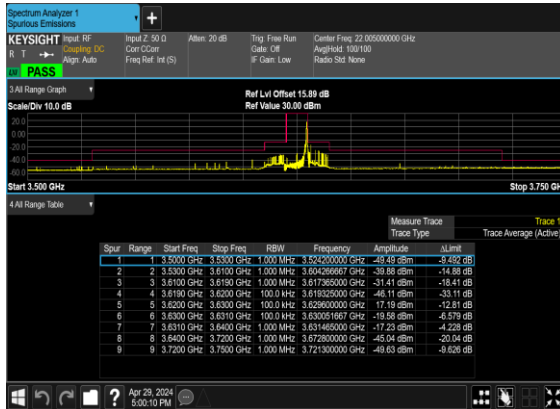
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



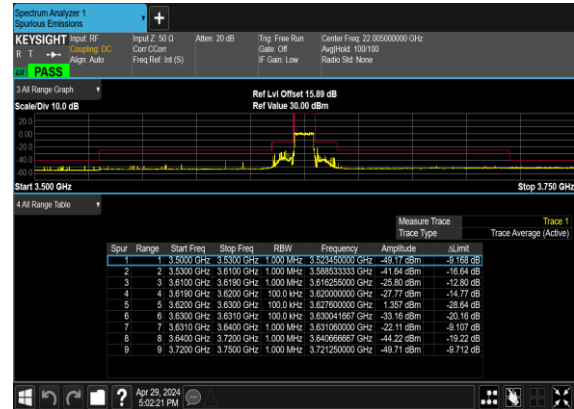
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



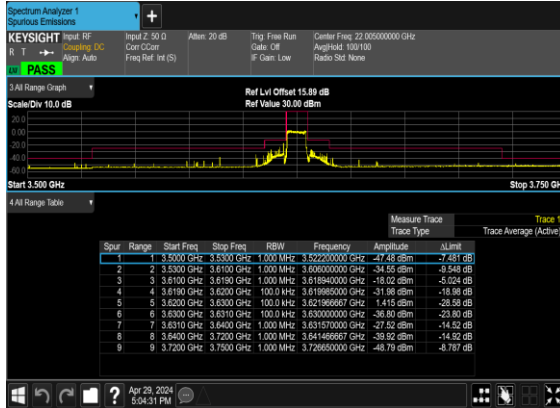
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



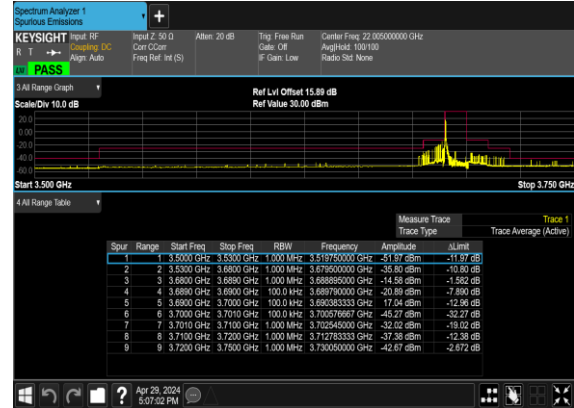
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



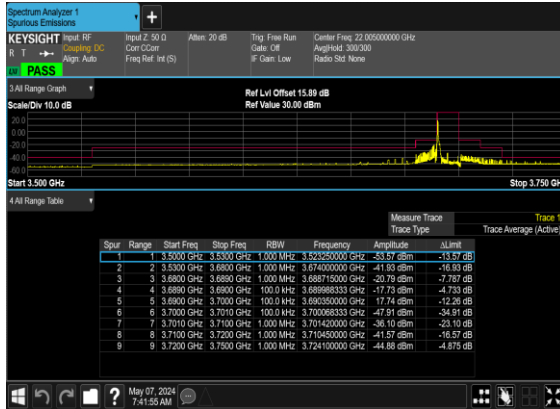
N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



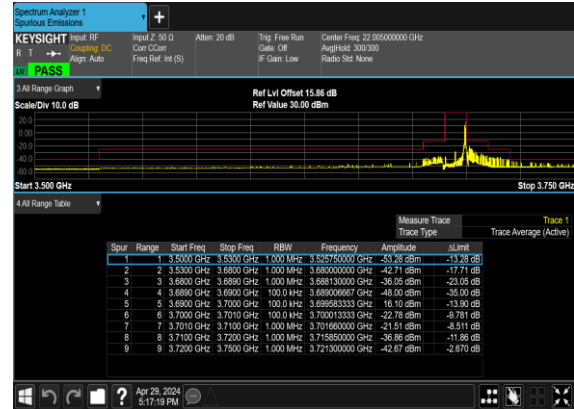
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



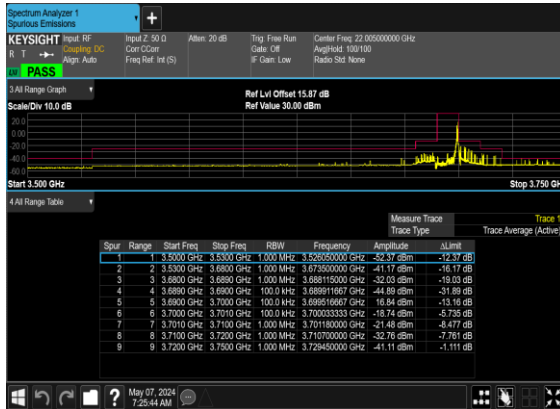
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



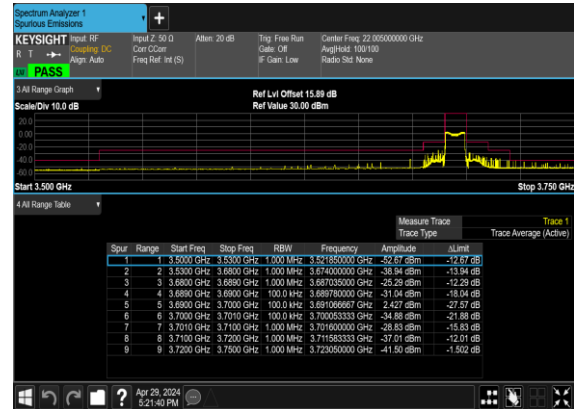
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



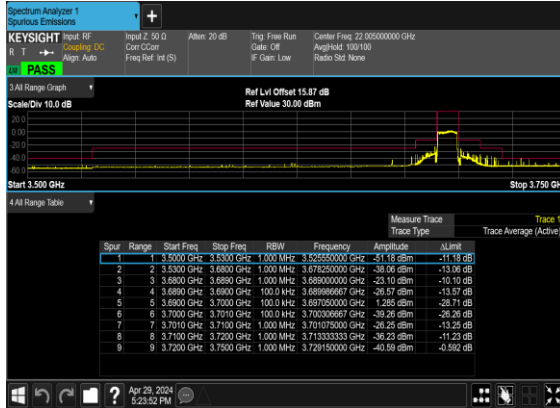
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



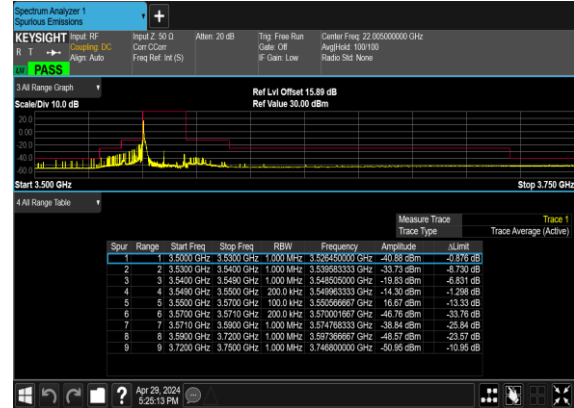
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



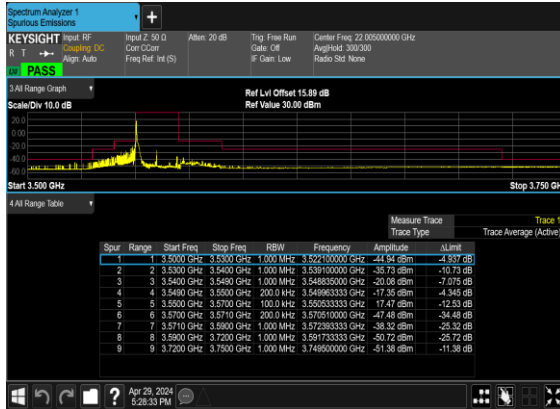
N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



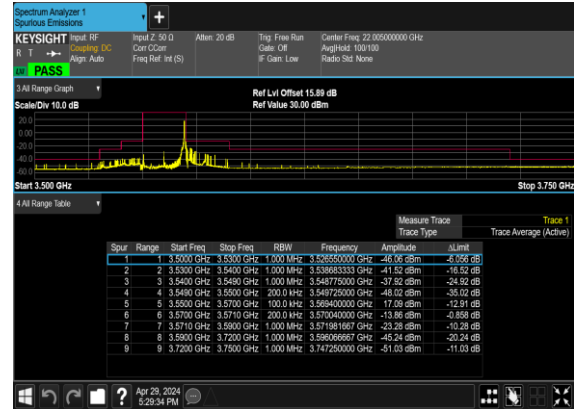
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



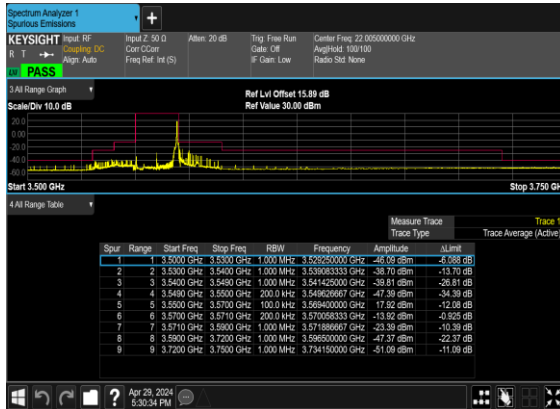
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



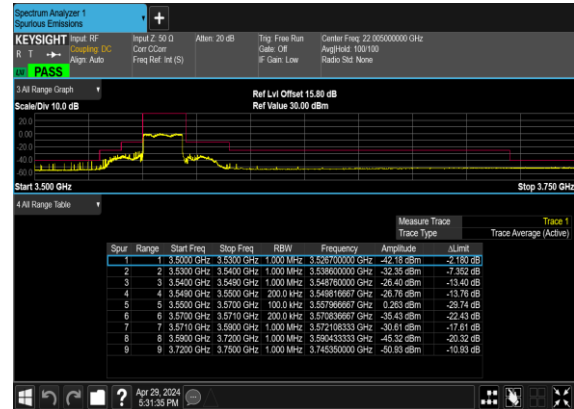
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



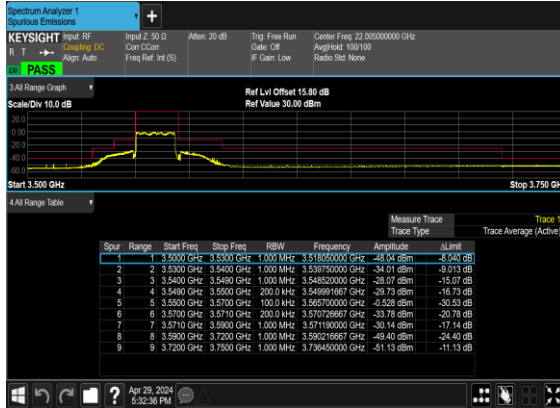
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



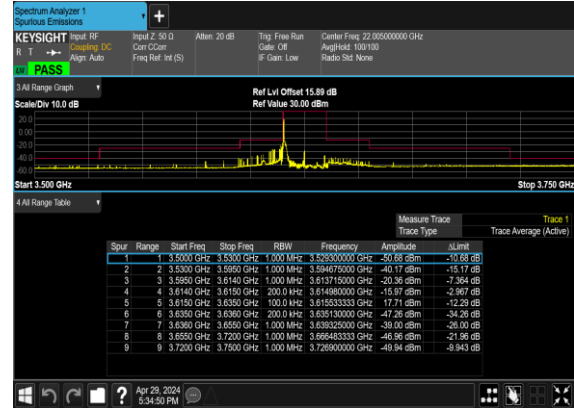
N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



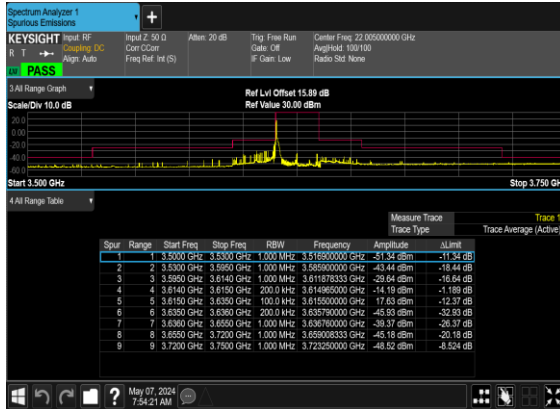
N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



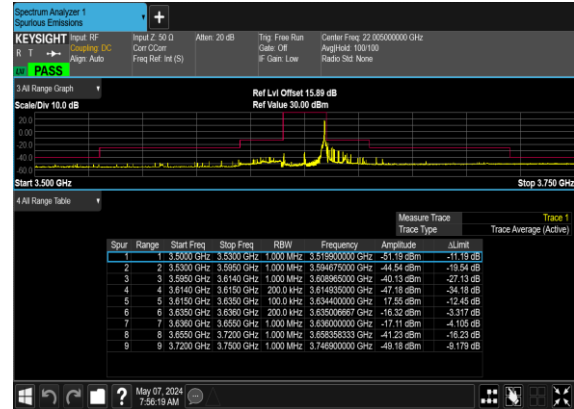
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



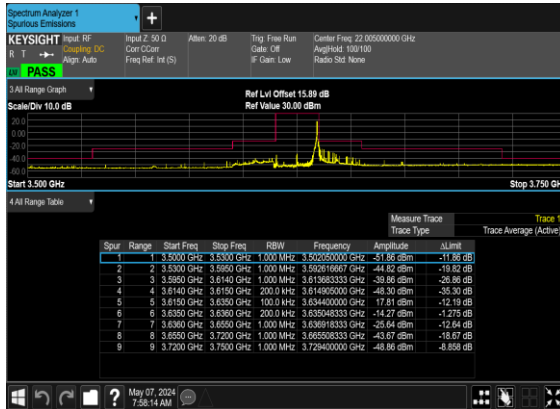
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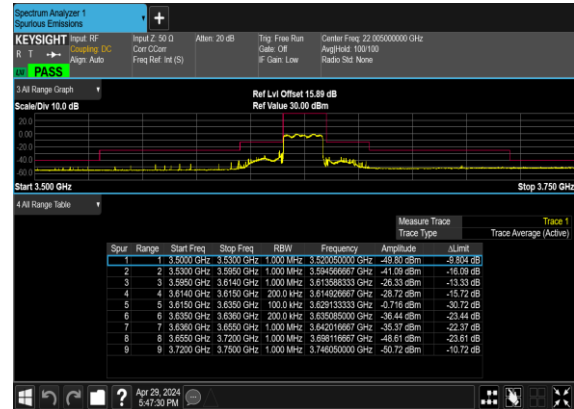
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



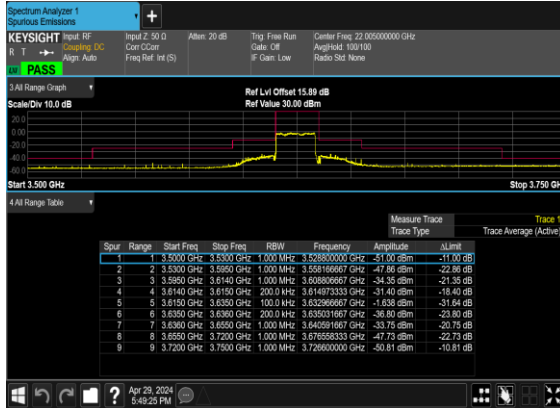
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



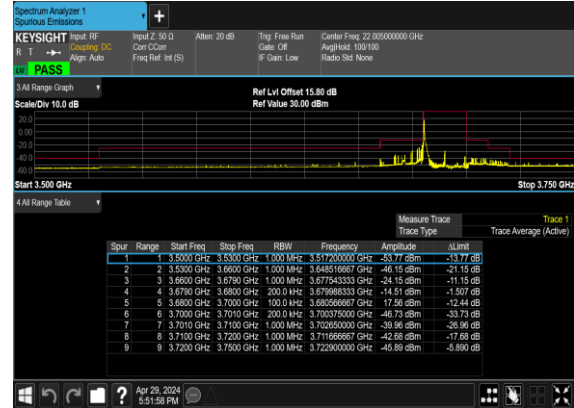
N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



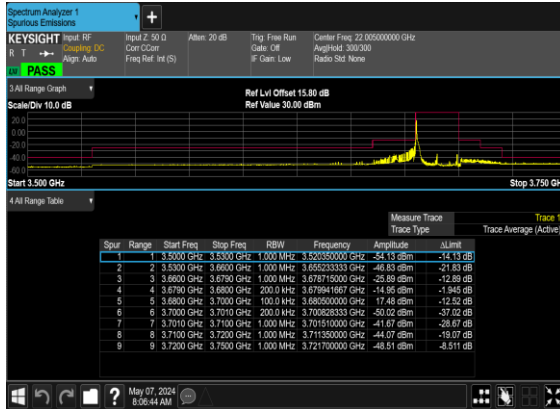
N48(20M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



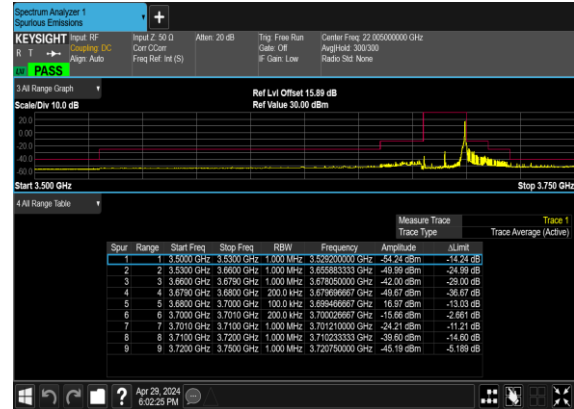
N48(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



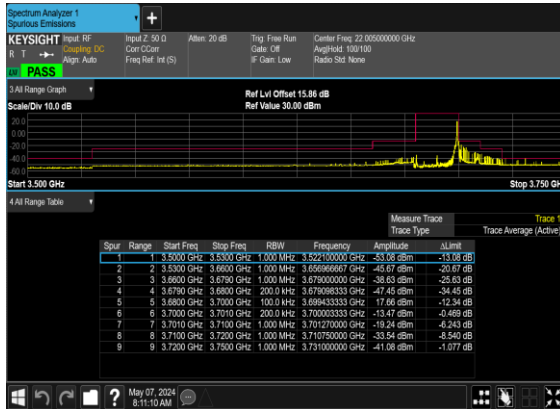
N48(20M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



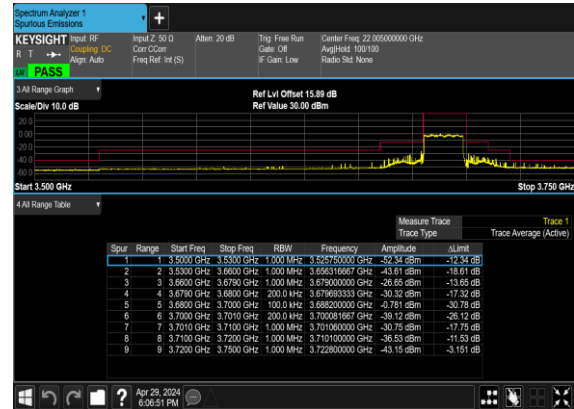
N48(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH



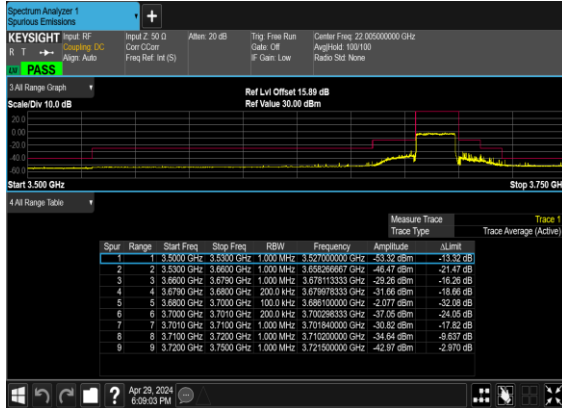
N48(20M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



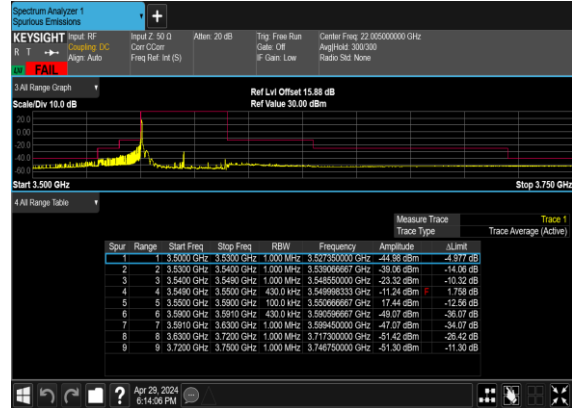
N48(20M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



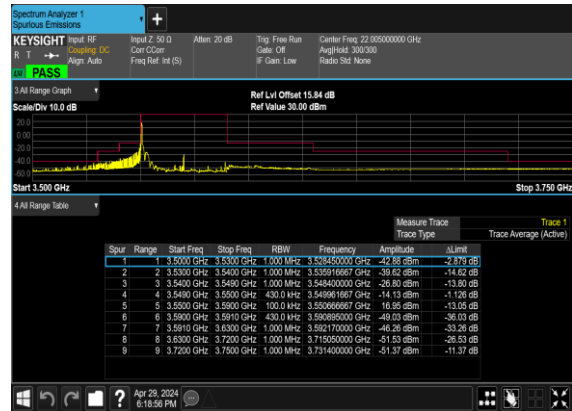
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



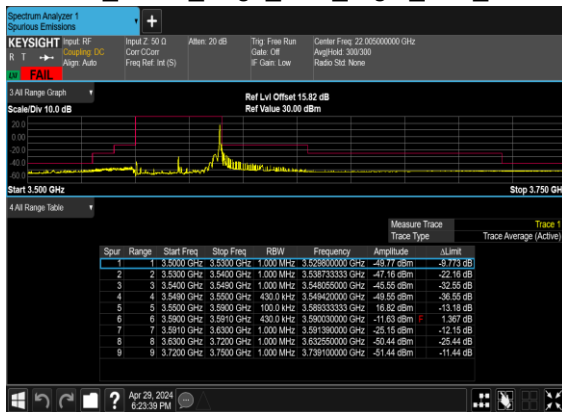
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP PASS



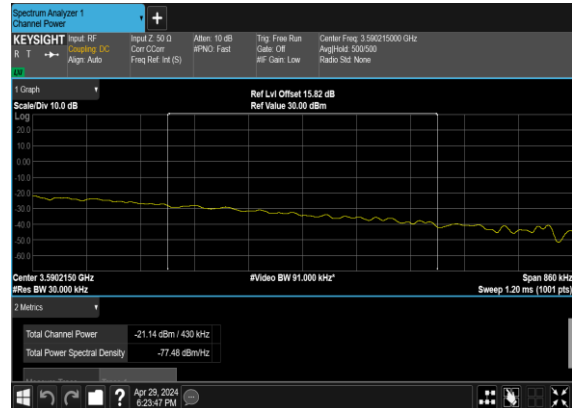
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH_CHP ASS



Spectrum Analyzer 1
 EYESIGHT Input RF
 Creating DC
 Align Auto
FAIL

Input F: 50.0 GHz
 Cntr DCntr
 Freq Ref (Hz)

Attn: 20 dB
 Trig Free Run
 Gate Off
 Off Cam: Low

Center Freq: 22.06500000 GHz
 Aftd: 300.00 GHz
 Radio Set: None

Ref Lvl Offset: 15.59 dB
 Ref Value: 30.00 dBm

Scale: 10.0 dB

Start: 3.500 GHz
 Stop: 3.750 GHz

Table:

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Altmt
1	1	3.5000 GHz	3.5800 GHz	1.000 MHz	3.523550000 GHz	-48.91 dBm	-9.308 dB
2	2	3.5800 GHz	3.5850 GHz	1.000 MHz	3.536650000 GHz	-46.88 dBm	-21.88 dB
3	3	3.5850 GHz	3.5890 GHz	1.000 MHz	3.547800000 GHz	-45.21 dBm	-32.71 dB
4	4	3.5890 GHz	3.5900 GHz	430.0 kHz	3.584206667 GHz	-48.96 dBm	-35.96 dB
5	5	3.5890 GHz	3.5890 GHz	100.0 kHz	3.588333333 GHz	16.85 dBm	-13.15 dB
6	6	3.5890 GHz	3.5890 GHz	430.0 kHz	3.589208333 GHz	-11.69 dBm	1.308 dB
7	7	3.5890 GHz	3.6000 GHz	1.000 MHz	3.591420000 GHz	-27.95 dBm	-14.95 dB
8	8	3.6000 GHz	3.7200 GHz	1.000 MHz	3.633750000 GHz	-44.72 dBm	-24.72 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.736500000 GHz	-51.29 dBm	-11.29 dB

Channel Power

KEYSIGHT Input: RF Coupling: DC
 R T → Align: Auto

Input 2: 50.0 Coor: Color
 Freq Ref: 1st (S)

Att: 10 dB #PNO: Fast

Tap: Free Run Gate: Off
 #F: Corr: Low

Center Freq: 3.590215000 GHz
 AegRead: 500/500
 Ratio Std: None

1 Graph

Scale/Div: 10.0 dB

Log

20.0
 10.0
 0.00
 -20.0
 -40.0
 -60.0

Center: 3.5902150 GHz
 #Res BW: 30.00 kHz

Ref: Ref Offset: 15.00 dB
 Ref Value: 30.00 dBm

#Video BW: 91.000 MHz

Span: 860 MHz
 Sweep: 1.20 ms (1001 pts)

2 Metrics

Total Channel Power: -21.48 dBm / 430 kHz
 Total Power Spectral Density: -77.82 dBm/Hz

Apr 26, 2024 6:28:39 PM

The screenshot displays a Spectrum Analyzer interface. At the top, the title bar reads "Spectrum Analyzers 1" and "Spectrum Analyzer". Below this, the "KEYSIGHT" logo is visible. The main display area shows a signal trace with a red line indicating the signal level. The trace is labeled "Scale Div 10.0 dB" and "Start 1.500 GHz". The trace shows a signal with a peak at approximately 1.500 GHz and a smaller peak at approximately 1.505 GHz. The trace is labeled "Ref Loss Offset 15.00 dB" and "Ref Value 30.00 dBm".

Below the trace, there is a table of measured components. The table has columns for Spur, Range, Start Freq, Stop Freq, RBW, Frequency, Amplitude, and Δ Limit. The table contains 9 rows of data.

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	1.35000 GHz	1.35000 GHz	1000 MHz	1.3428900000 GHz	-40.86 dBm	-0.857 dB
2	2	1.35000 GHz	1.35000 GHz	1000 MHz	1.3392666667 GHz	-38.71 dBm	-13.71 dB
3	3	1.35000 GHz	1.35000 GHz	1000 MHz	1.3484440000 GHz	-32.76 dBm	-19.76 dB
4	4	1.35000 GHz	1.35000 GHz	1000 MHz	1.3489233333 GHz	-29.84 dBm	-16.84 dB
5	5	1.35000 GHz	1.35000 GHz	1000 MHz	1.3524666667 GHz	-43.83 dBm	-36.38 dB
6	6	1.35000 GHz	1.35000 GHz	1000 MHz	1.3590200000 GHz	-31.85 dBm	-16.85 dB
7	7	1.35000 GHz	1.35000 GHz	1000 MHz	1.3591260000 GHz	-37.43 dBm	-24.43 dB
8	8	1.35000 GHz	1.35000 GHz	1000 MHz	1.3632850000 GHz	-50.12 dBm	-25.12 dB
9	9	1.35000 GHz	1.35000 GHz	1000 MHz	1.3433500000 GHz	-50.19 dBm	-10.19 dB

Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input: RF
R T → Coupling: 0C
Agn: Auto

Input 2: 50.0
Core Coder
Ref Level: 18.0 dBm

Att: 20 dB

Top: Free Run
Range: Off
Off: Gain: Low

Center Freq: 22.00000000 GHz
Aligned: 100130
Ratio Set: None

3 All Range Graph
Scale Div 10.0 dB
Start 3.500 GHz
Stop 3.750 GHz

Ref List Offset: 15.00 dB
Ref Value: 30.00 dBm

Measure Trace
Trace Type
Trace 1
Trace Average (Active)

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔUnit
1	3.5000 GHz	3.5000 GHz	3.5000 GHz	1000 MHz	3.529900000 GHz	-40.50 dBm	-0.502 dB
2	3.5000 GHz	3.5000 GHz	3.5000 GHz	1000 MHz	3.530633333 GHz	-37.71 dBm	-12.77 dB
3	3.5000 GHz	3.5000 GHz	3.5000 GHz	1000 MHz	3.548200000 GHz	-33.36 dBm	-20.24 dB
4	3.5000 GHz	3.5000 GHz	3.5000 GHz	430.0 MHz	3.548971667 GHz	-31.84 dBm	-18.84 dB
5	3.5000 GHz	3.5000 GHz	3.5000 GHz	100.0 MHz	3.579733333 GHz	-7.48 dBm	-37.47 dB
6	3.5000 GHz	3.5000 GHz	3.5000 GHz	430.0 MHz	3.580020000 GHz	-29.74 dBm	-16.74 dB
7	3.5000 GHz	3.5000 GHz	3.5000 GHz	1000 MHz	3.594445000 GHz	-39.86 dBm	-26.86 dB
8	3.5000 GHz	3.5000 GHz	3.5000 GHz	1000 MHz	3.644700000 GHz	-50.01 dBm	-25.01 dB
9	3.5000 GHz	3.5000 GHz	3.5000 GHz	1000 MHz	3.740750000 GHz	-49.82 dBm	-9.819 dB

Spectrum Analyzer 1
Source: Emulation

KEYSIGHT Input RF: Coaxial DC
H T: Align: Auto

Input 2: 50.0
Cov: Corr
Freq Ref: Int (S)

Att: 20 dB

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

Center Freq: 22.005000000 GHz
Agt: High, 300.300
Radio Std: None

FAIL

3.4k Range Graph

Scale/Div 10.0 dB

Ref Lvl Offset 15.89 dBm
Ref Value 30.00 dBm

Start 3.500 GHz

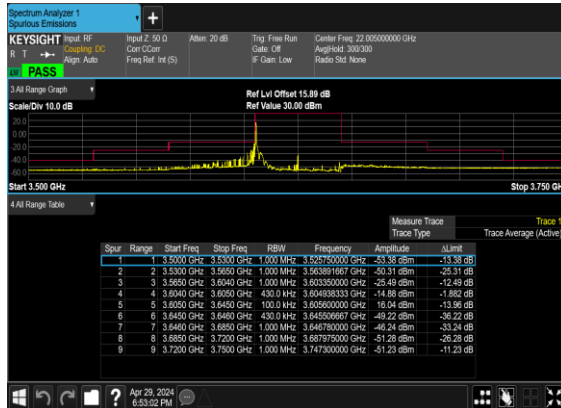
Stop 3.750 GHz

4.4k Range Table

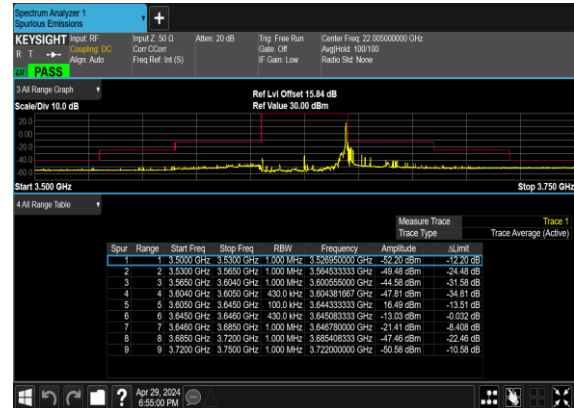
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δf/mt
					Trace Type	Trace Average (Active)	
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.525000000 GHz	-23.15 dBm	-13.15 dB
2	2	3.5300 GHz	3.5650 GHz	1.000 MHz	3.564825000 GHz	-49.82 dBm	-48.82 dB
3	3	3.5650 GHz	3.6040 GHz	1.000 MHz	3.603740000 GHz	-23.69 dBm	-13.69 dB
4	4	3.6040 GHz	3.6500 GHz	430.0 kHz	3.645866667 GHz	-10.81 dBm	-2.04 dB
5	5	3.6500 GHz	3.6450 GHz	100.0 kHz	3.650566667 GHz	-16.35 dBm	-13.05 dB
6	6	3.6450 GHz	3.6480 GHz	430.0 kHz	3.645066667 GHz	-49.14 dBm	-36.14 dB
7	7	3.6480 GHz	3.6850 GHz	1.000 MHz	3.658870000 GHz	-46.72 dBm	-33.72 dB
8	8	3.6850 GHz	3.7200 GHz	1.000 MHz	3.688266667 GHz	-51.10 dBm	-26.10 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.743700000 GHz	-51.33 dBm	-11.33 dB

The screenshot shows the Spectrum Analyzer 1 interface. The top panel displays the title "Spectrum Analyzer 1" and "Channel Power". Below this, the "KEYSIGHT" logo is visible. The main display area shows a signal trace with a yellow line. The trace is labeled "Ref Lvl Offset 15.89 dB" and "Ref Value 30.00 dBm". The trace is also labeled "Center 3.6047850 GHz" and "Res BW 30.00 kHz". The trace is also labeled "Span 860 kHz" and "Sweep 1.20 ms (1001 pts)". The trace is also labeled "2 Metrics". The trace is also labeled "Total Channel Power -21.23 dBm / 430 kHz" and "Total Power Spectral Density -77.56 dBm/Hz". The trace is also labeled "Input Z: 50 Ohm", "Att: 10 dB", "IF Noise: Fast", "Trigger: Free Run", "Gate: Off", "IF Filter: Low", "Center Freq: 3.604785000 GHz", "AuchHold: 500/500", and "Radio Std: None".

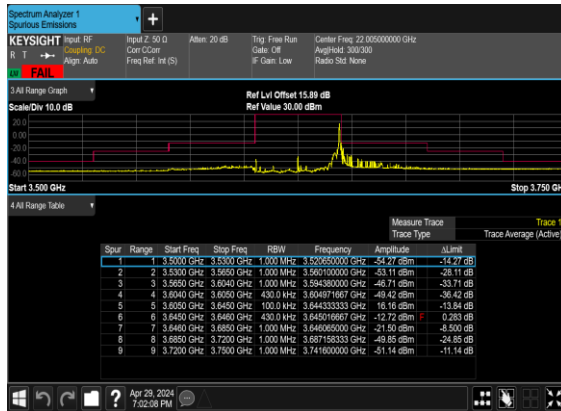
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



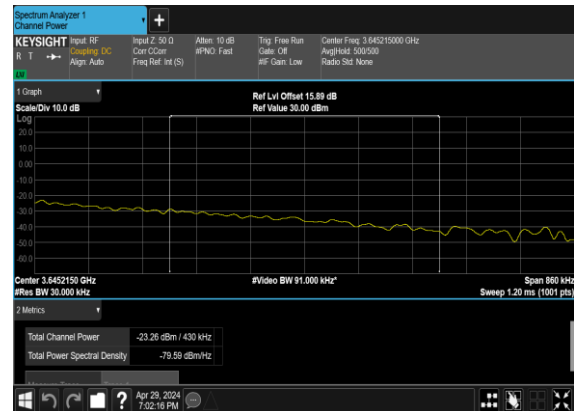
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_Mid_CH



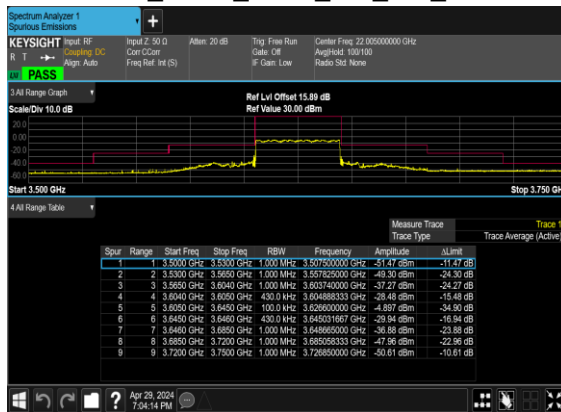
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Mid_CH



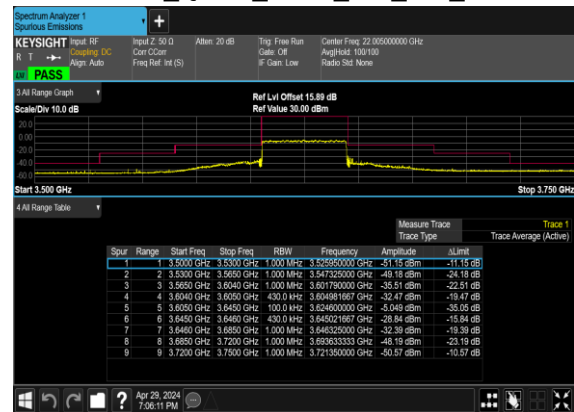
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Mid_CH_CHP_P ASS



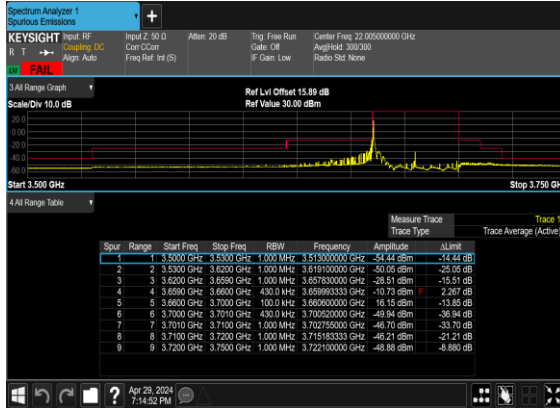
N48(40M)_DFT-s- OFDM_BPSK_Outer_Full_Mid_CH



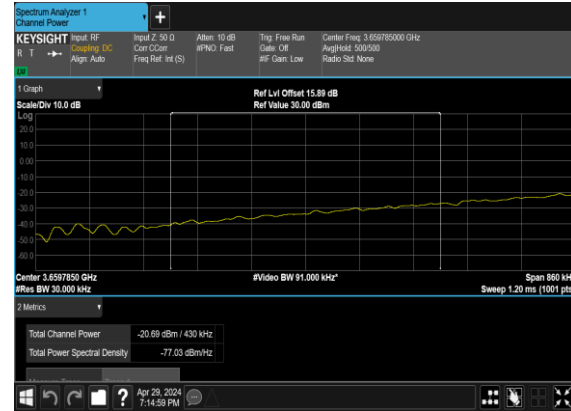
N48(40M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



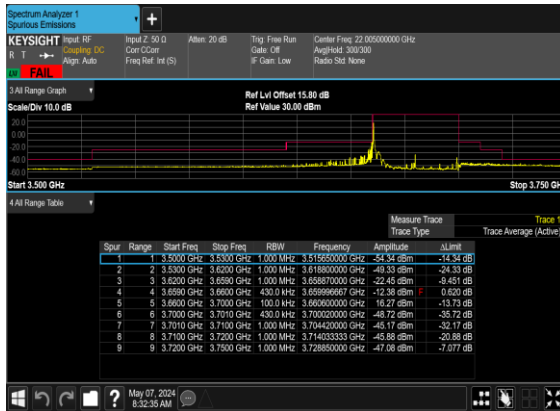
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



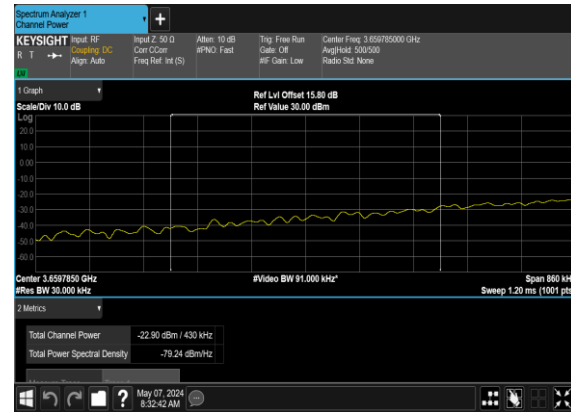
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH_CH_P ASS



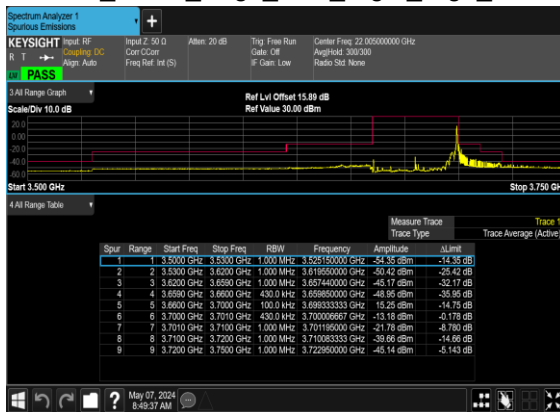
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



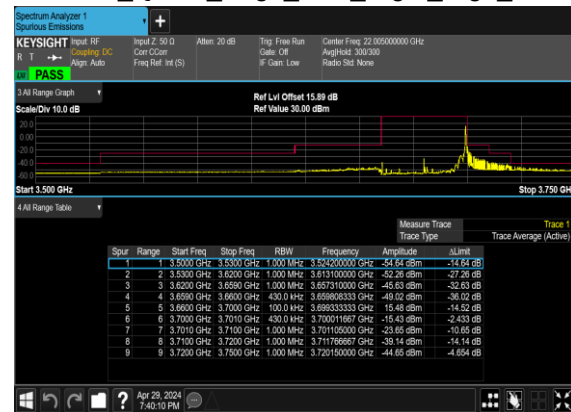
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH_CH_P PASS



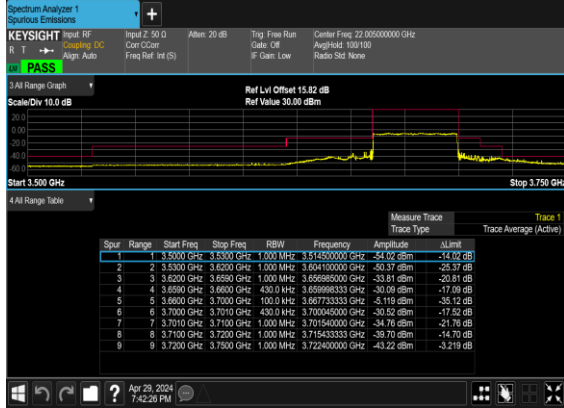
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH



N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



N48(40M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



FR1 N48-SCS15K

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=1dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
48	15	5	636834	3552.51	DFT-s-OFDM QPSK	1@1	20.61	21.61	0.1449
48	15	5	636834	3552.51	DFT-s-OFDM 16 QAM	1@1	19.89	20.89	0.1227
48	15	5	641667	3625.005	DFT-s-OFDM QPSK	1@1	20.87	21.87	0.1538
48	15	5	641667	3625.005	DFT-s-OFDM 16 QAM	1@1	19.78	20.78	0.1197
48	15	5	646500	3697.5	DFT-s-OFDM QPSK	1@1	21.01	22.01	0.1589
48	15	5	646500	3697.5	DFT-s-OFDM 16 QAM	1@1	20.13	21.13	0.1297
48	15	10	637000	3555	DFT-s-OFDM QPSK	1@1	20.72	21.72	0.1486
48	15	10	637000	3555	DFT-s-OFDM 16 QAM	1@1	19.75	20.75	0.1189
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@1	20.79	21.79	0.1510
48	15	10	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	19.54	20.54	0.1132
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@1	20.93	21.93	0.1560
48	15	10	646332	3694.98	DFT-s-OFDM 16 QAM	1@1	19.8	20.8	0.1202
48	15	15	637168	3557.52	DFT-s-OFDM QPSK	1@1	20.62	21.62	0.1452
48	15	15	637168	3557.52	DFT-s-OFDM 16 QAM	1@1	19.77	20.77	0.1194
48	15	15	641666	3624.99	DFT-s-OFDM QPSK	1@1	20.97	21.97	0.1574
48	15	15	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	19.9	20.9	0.1230
48	15	15	646166	3692.49	DFT-s-OFDM QPSK	1@1	21.06	22.06	0.1607
48	15	15	646166	3692.49	DFT-s-OFDM 16 QAM	1@1	20.13	21.13	0.1297
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@1	20.78	21.78	0.1507
48	15	20	637334	3560.01	DFT-s-OFDM 16 QAM	1@1	19.58	20.58	0.1143
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@1	20.96	21.96	0.1570
48	15	20	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	19.6	20.6	0.1148
48	15	20	646000	3690	DFT-s-OFDM QPSK	1@1	20.94	21.94	0.1563
48	15	20	646000	3690	DFT-s-OFDM 16 QAM	1@1	19.8	20.8	0.1202
48	15	30	637667	3565.005	DFT-s-OFDM QPSK	1@1	20.71	21.71	0.1483
48	15	30	637667	3565.005	DFT-s-OFDM 16 QAM	1@1	19.7	20.7	0.1175
48	15	30	641666	3624.99	DFT-s-OFDM QPSK	1@1	20.66	21.66	0.1466
48	15	30	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	19.7	20.7	0.1175

48	15	30	645666	3684.99	DFT-s-OFDM QPSK	1@1	20.66	21.66	0.1466
48	15	30	645666	3684.99	DFT-s-OFDM 16 QAM	1@1	19.6	20.6	0.1148
48	15	40	638000	3570	DFT-s-OFDM PI/2 BPSK	108@54	20.58	21.58	0.1439
48	15	40	638000	3570	DFT-s-OFDM PI/2 BPSK	1@1	20.7	21.7	0.1479
48	15	40	638000	3570	DFT-s-OFDM PI/2 BPSK	1@214	20.62	21.62	0.1452
48	15	40	638000	3570	DFT-s-OFDM QPSK	108@54	20.7	21.7	0.1479
48	15	40	638000	3570	DFT-s-OFDM QPSK	1@1	20.66	21.66	0.1466
48	15	40	638000	3570	DFT-s-OFDM QPSK	1@214	20.6	21.6	0.1445
48	15	40	638000	3570	DFT-s-OFDM 16 QAM	108@54	19.83	20.83	0.1211
48	15	40	638000	3570	DFT-s-OFDM 16 QAM	1@1	19.77	20.77	0.1194
48	15	40	638000	3570	DFT-s-OFDM 16 QAM	1@214	19.73	20.73	0.1183
48	15	40	638000	3570	DFT-s-OFDM 64 QAM	108@54	18.25	19.25	0.0841
48	15	40	638000	3570	DFT-s-OFDM 64 QAM	1@1	18.32	19.32	0.0855
48	15	40	638000	3570	DFT-s-OFDM 64 QAM	1@214	18.15	19.15	0.0822
48	15	40	638000	3570	DFT-s-OFDM 256 QAM	108@54	16.09	17.09	0.0512
48	15	40	638000	3570	DFT-s-OFDM 256 QAM	1@1	16.05	17.05	0.0507
48	15	40	638000	3570	DFT-s-OFDM 256 QAM	1@214	16.18	17.18	0.0522
48	15	40	638000	3570	CP-OFDM QPSK	108@54	19.06	20.06	0.1014
48	15	40	638000	3570	CP-OFDM QPSK	1@1	18.94	19.94	0.0986
48	15	40	638000	3570	CP-OFDM QPSK	1@214	18.88	19.88	0.0973
48	15	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	108@54	20.9	21.9	0.1549
48	15	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@1	20.77	21.77	0.1503
48	15	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@214	20.56	21.56	0.1432
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	108@54	20.95	21.95	0.1567
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@1	20.82	21.82	0.1521
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@214	20.73	21.73	0.1489
48	15	40	641666	3624.99	DFT-s-OFDM 16 QAM	108@54	19.88	20.88	0.1225
48	15	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	19.71	20.71	0.1178
48	15	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@214	19.79	20.79	0.1199
48	15	40	641666	3624.99	DFT-s-OFDM 64 QAM	108@54	18.36	19.36	0.0863
48	15	40	641666	3624.99	DFT-s-OFDM 64 QAM	1@1	18.34	19.34	0.0859
48	15	40	641666	3624.99	DFT-s-OFDM 64 QAM	1@214	18.4	19.4	0.0871
48	15	40	641666	3624.99	DFT-s-OFDM 256 QAM	108@54	16.34	17.34	0.0542
48	15	40	641666	3624.99	DFT-s-OFDM 256 QAM	1@1	16.06	17.06	0.0508
48	15	40	641666	3624.99	DFT-s-OFDM 256 QAM	1@214	16.15	17.15	0.0519

48	15	40	641666	3624.99	CP-OFDM QPSK	108@54	19.29	20.29	0.1069
48	15	40	641666	3624.99	CP-OFDM QPSK	1@1	18.93	19.93	0.0984
48	15	40	641666	3624.99	CP-OFDM QPSK	1@214	19.12	20.12	0.1028
48	15	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	108@54	20.96	21.96	0.1570
48	15	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	1@1	20.8	21.8	0.1514
48	15	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	1@214	20.67	21.67	0.1469
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	108@54	20.95	21.95	0.1567
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@1	21.1	22.1	0.1622
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@214	20.75	21.75	0.1496
48	15	40	645332	3679.98	DFT-s-OFDM 16 QAM	108@54	20.04	21.04	0.1271
48	15	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@1	19.91	20.91	0.1233
48	15	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@214	19.84	20.84	0.1213
48	15	40	645332	3679.98	DFT-s-OFDM 64 QAM	108@54	18.4	19.4	0.0871
48	15	40	645332	3679.98	DFT-s-OFDM 64 QAM	1@1	18.48	19.48	0.0887
48	15	40	645332	3679.98	DFT-s-OFDM 64 QAM	1@214	18.27	19.27	0.0845
48	15	40	645332	3679.98	DFT-s-OFDM 256 QAM	108@54	16.32	17.32	0.0540
48	15	40	645332	3679.98	DFT-s-OFDM 256 QAM	1@1	16.25	17.25	0.0531
48	15	40	645332	3679.98	DFT-s-OFDM 256 QAM	1@214	16.18	17.18	0.0522
48	15	40	645332	3679.98	CP-OFDM QPSK	108@54	19.36	20.36	0.1086
48	15	40	645332	3679.98	CP-OFDM QPSK	1@1	19.15	20.15	0.1035
48	15	40	645332	3679.98	CP-OFDM QPSK	1@214	18.9	19.9	0.0977