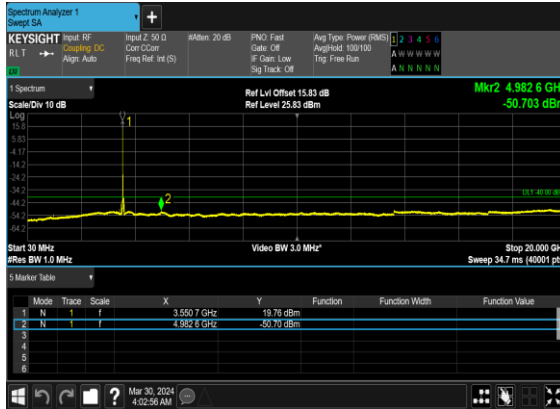


N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



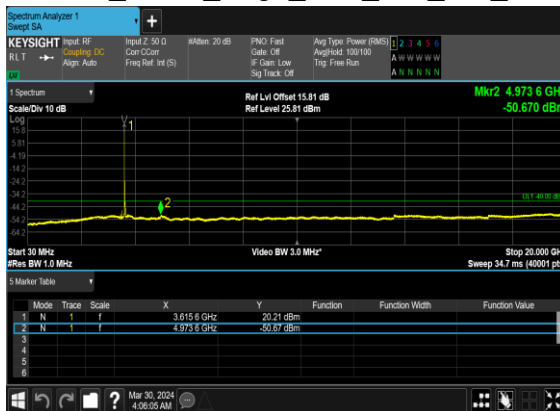
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OFDM_QPSK_Edge_1RB_Left_Low_CH



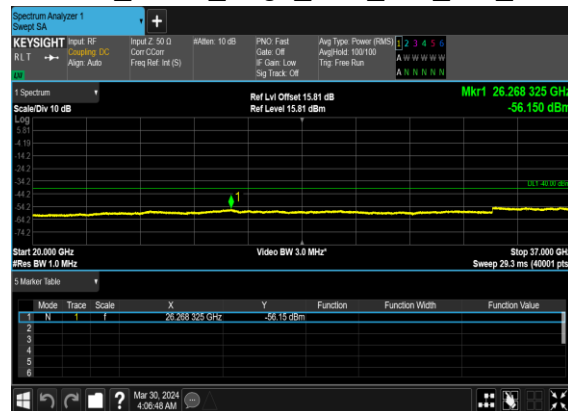
N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N48(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



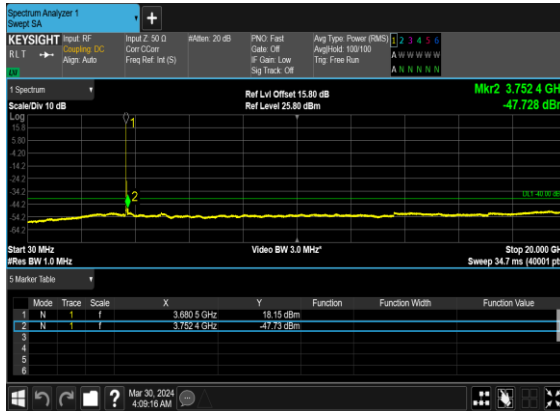
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



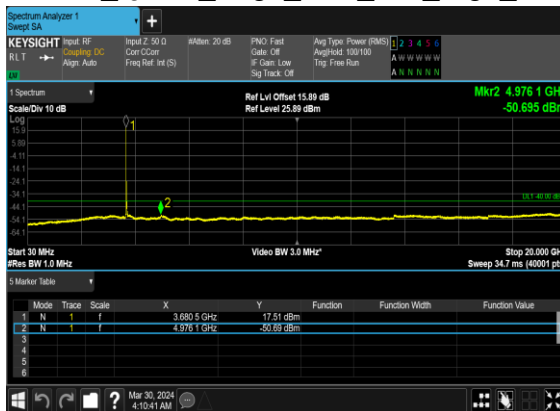
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OFDM_BPSK_Edge_1RB_Left_High_CH



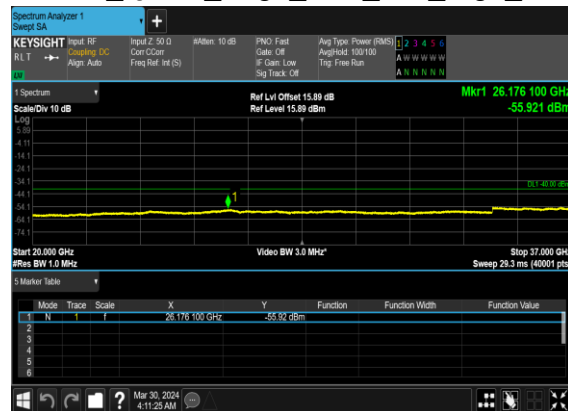
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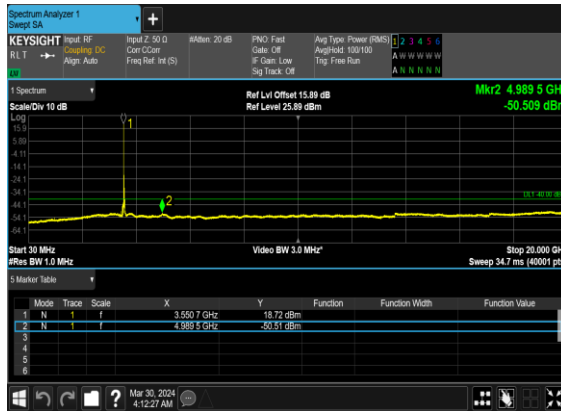
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OFDM_QPSK_Edge_1RB_Left_High_CH



N48(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



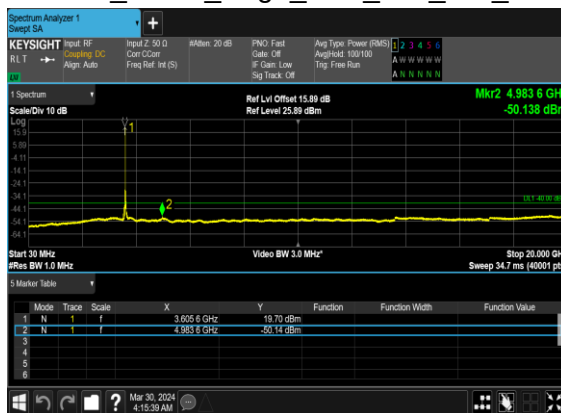
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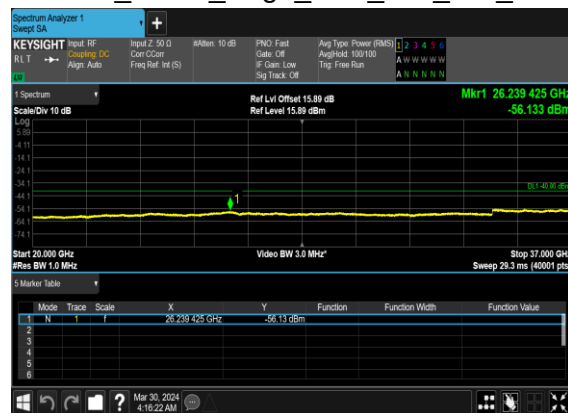
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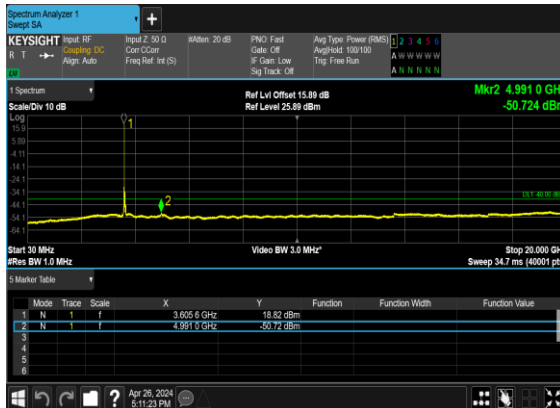
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OFDM_BPSK_Edge_1RB_Left_Mid_CH



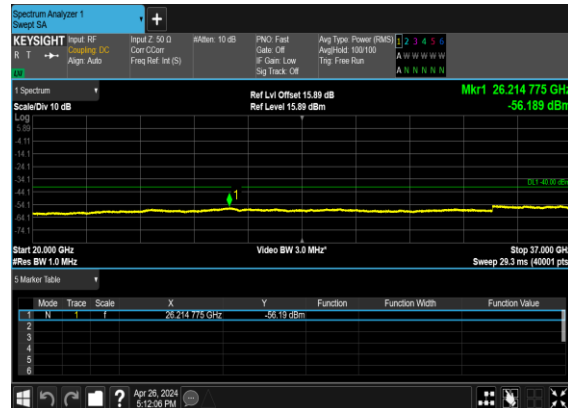
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OFDM_BPSK_Edge_1RB_Left_Mid_CH



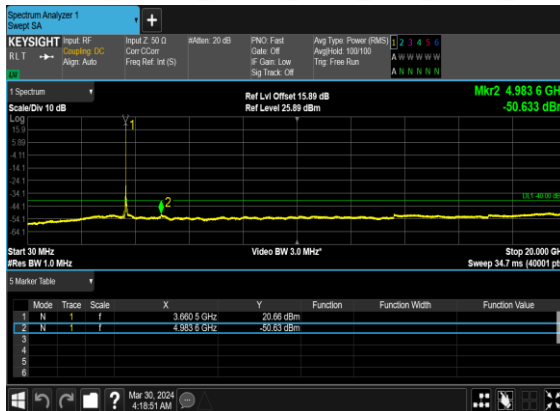
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



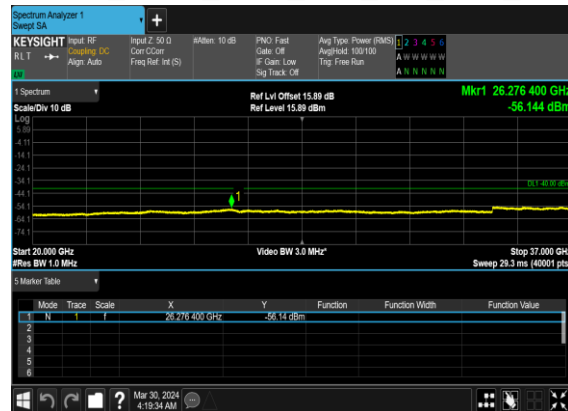
N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



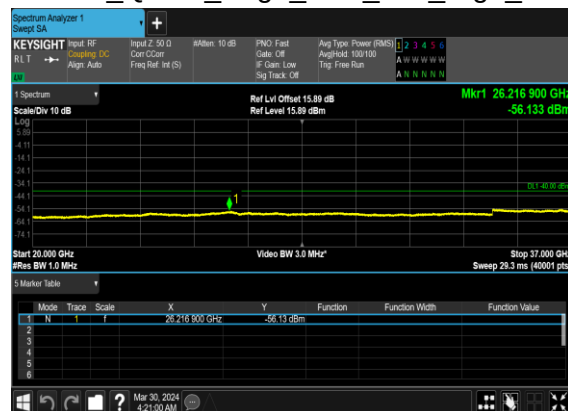
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OFDM_BPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

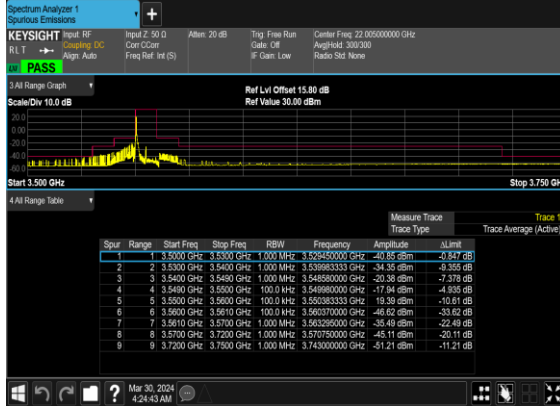


Conducted Band Edge

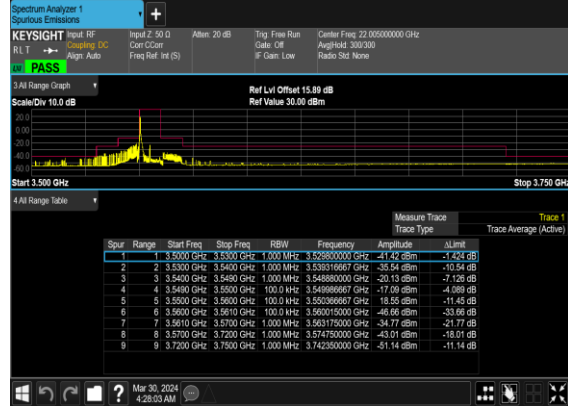
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@51	see 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

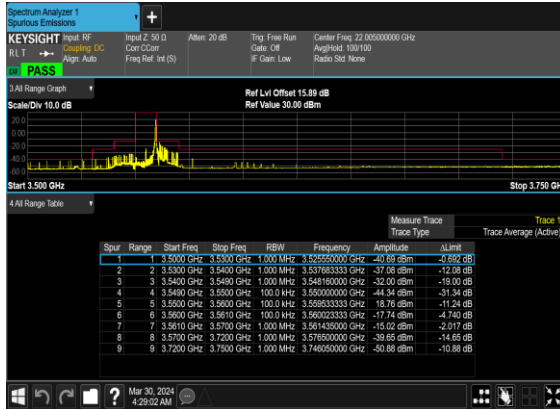
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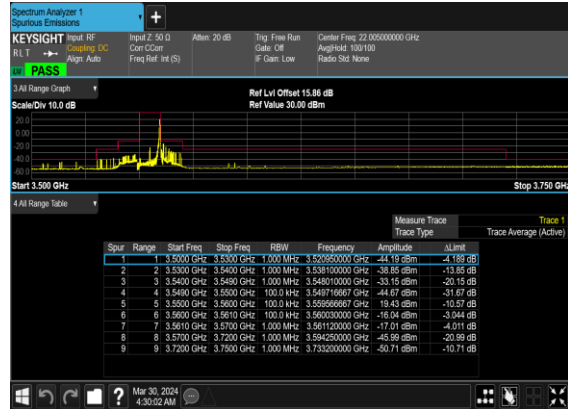
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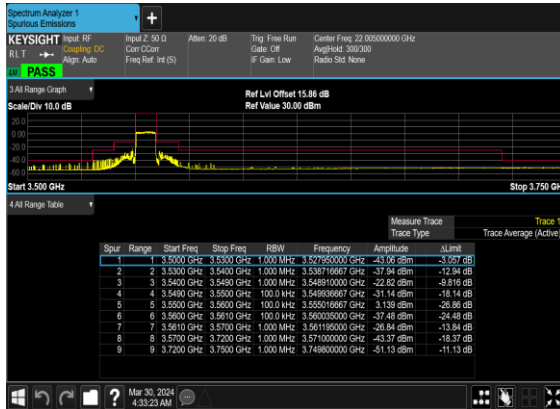
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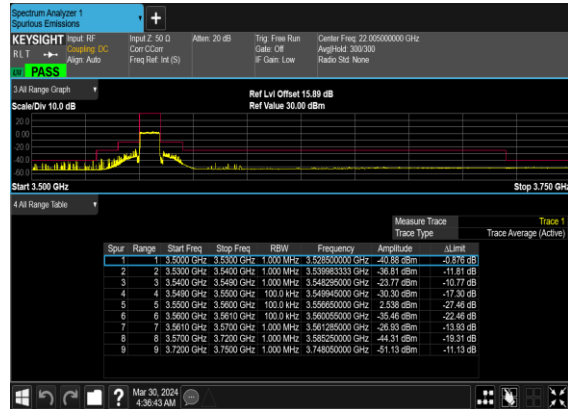
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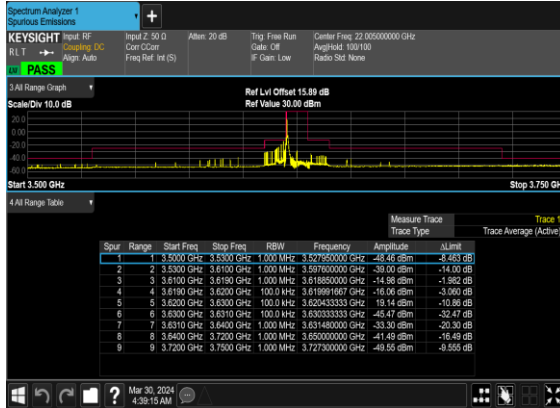
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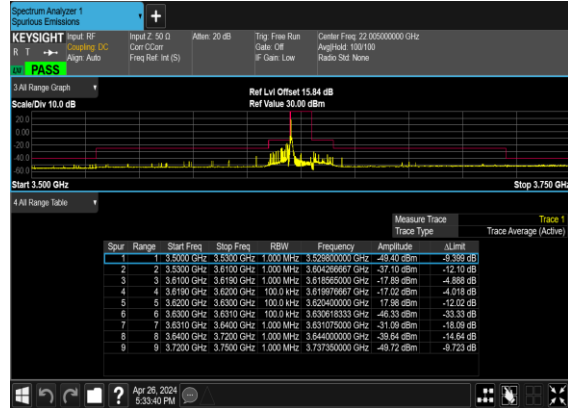
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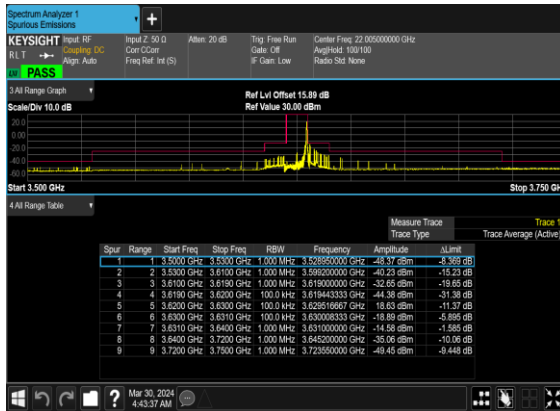
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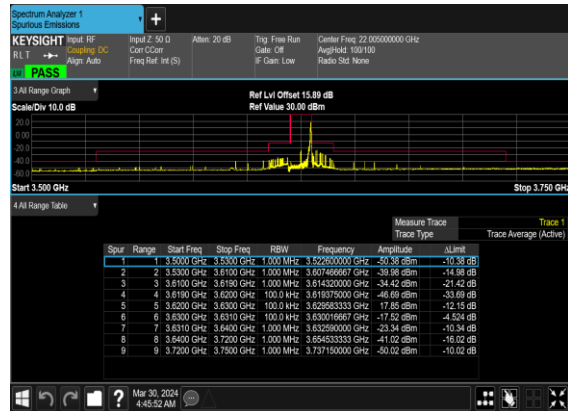
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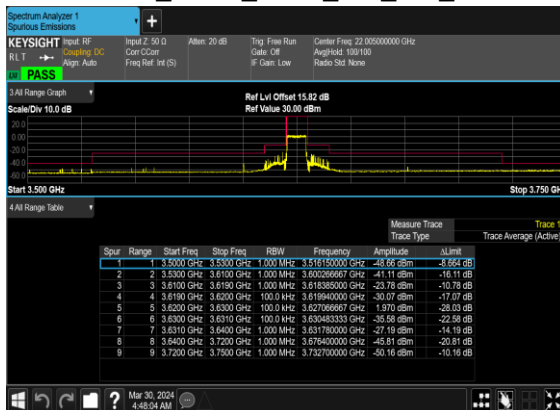
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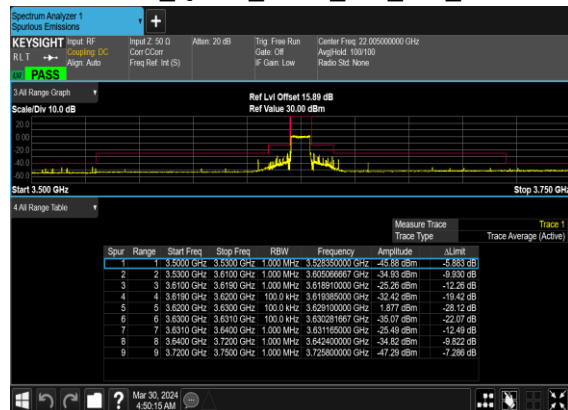
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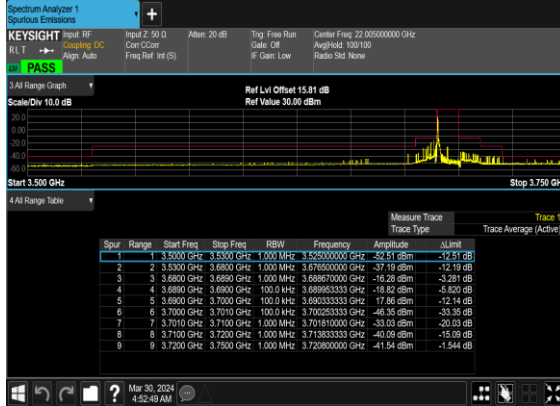
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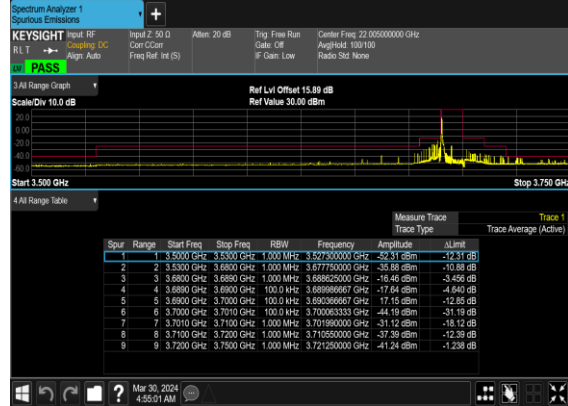
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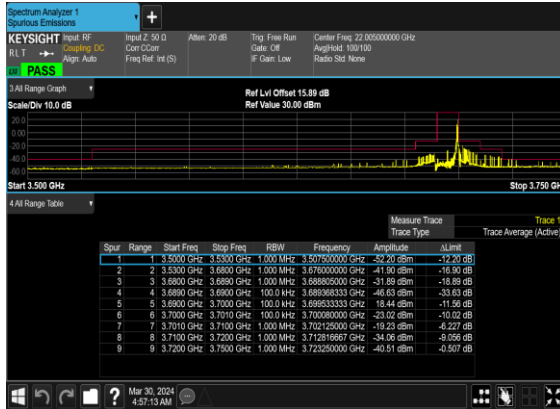
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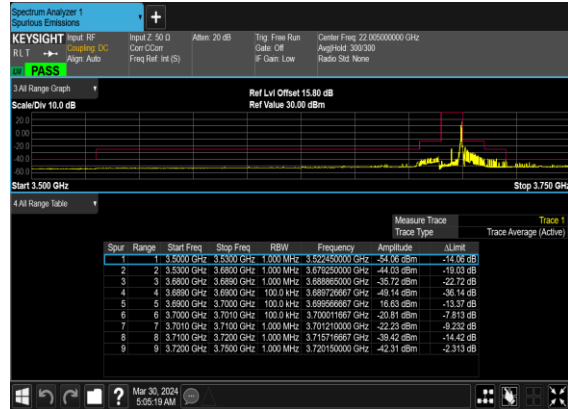
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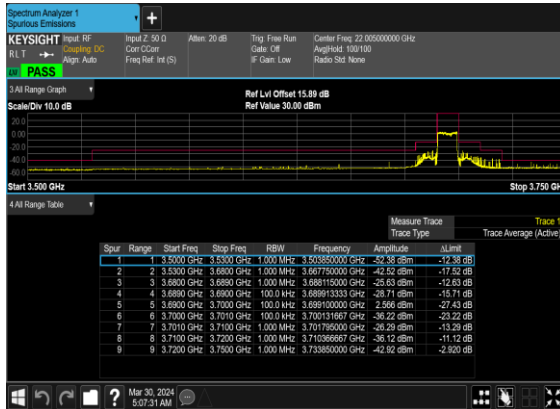
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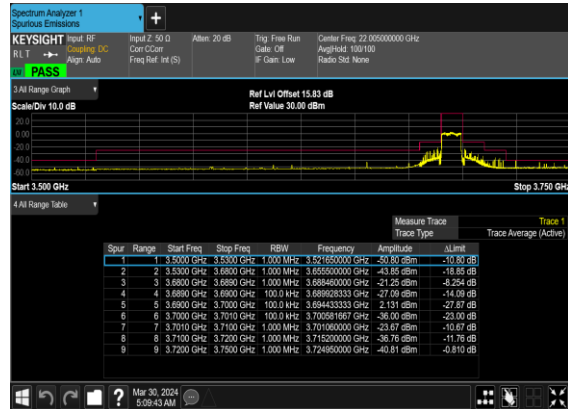
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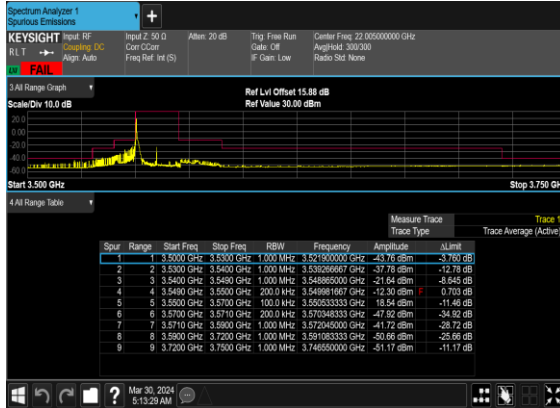
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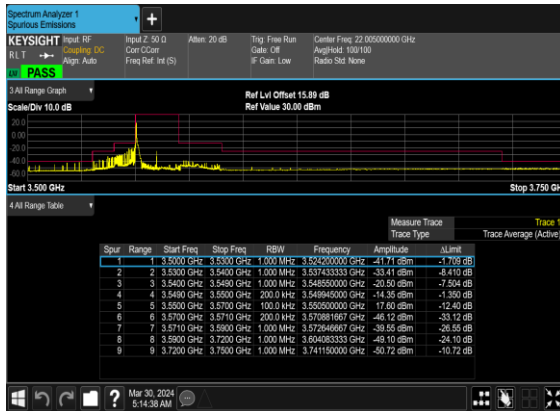
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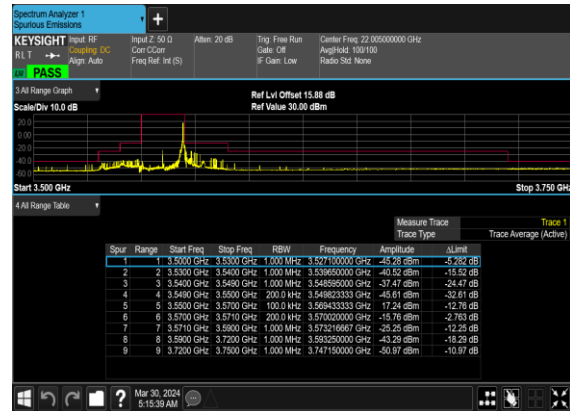
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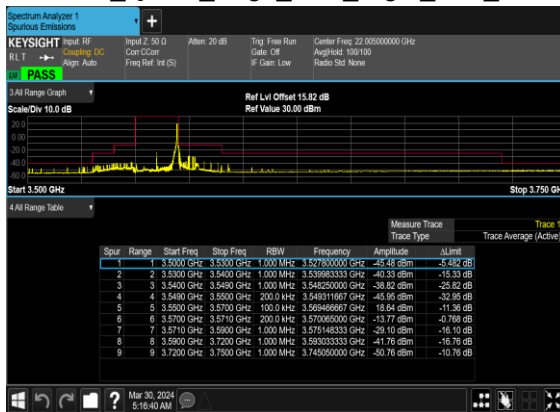
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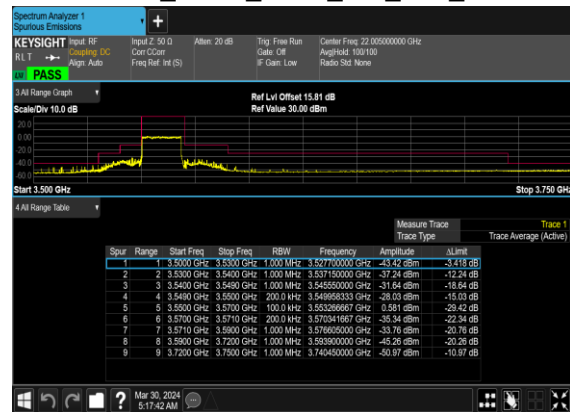
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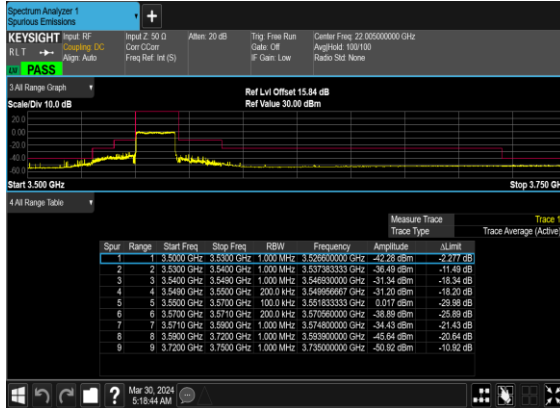
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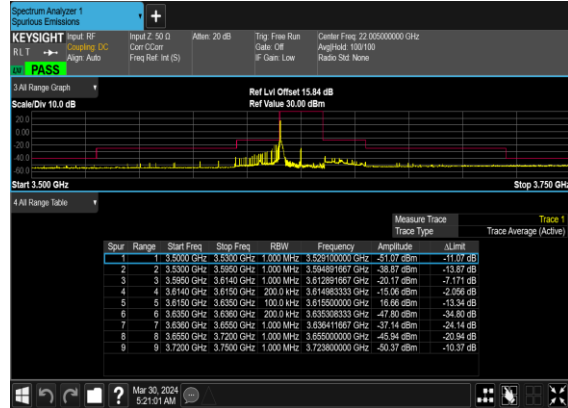
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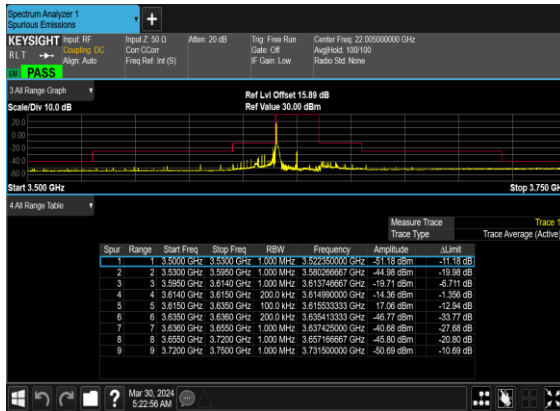
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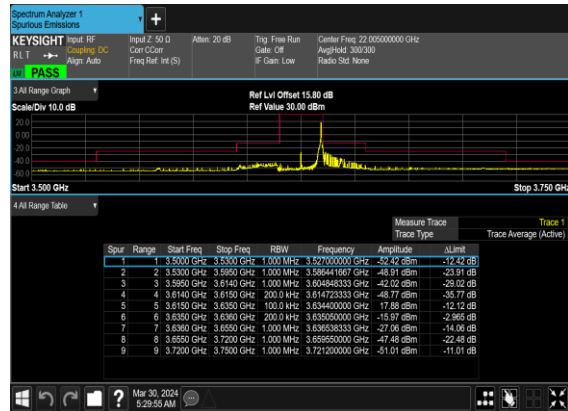
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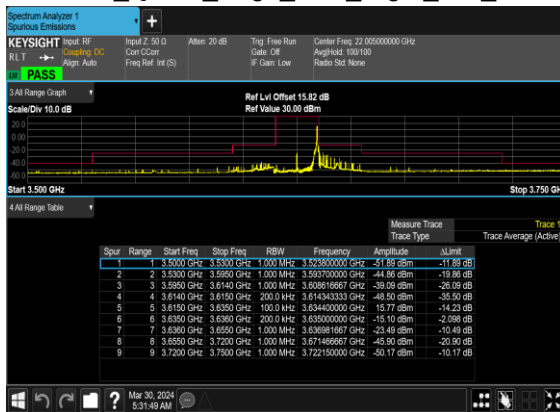
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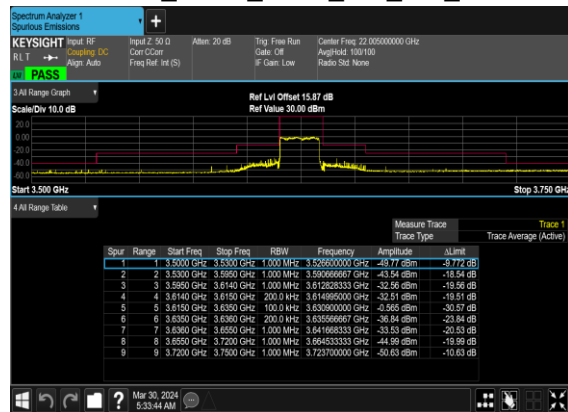
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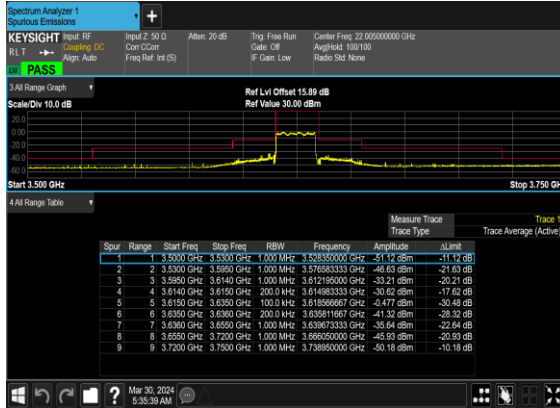
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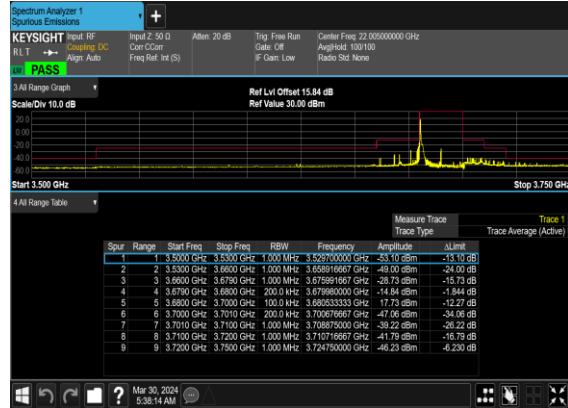
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OFDM_BPSK_Outer_Full_Mid_CH



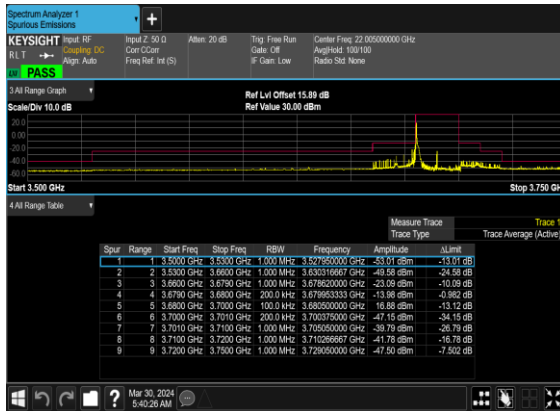
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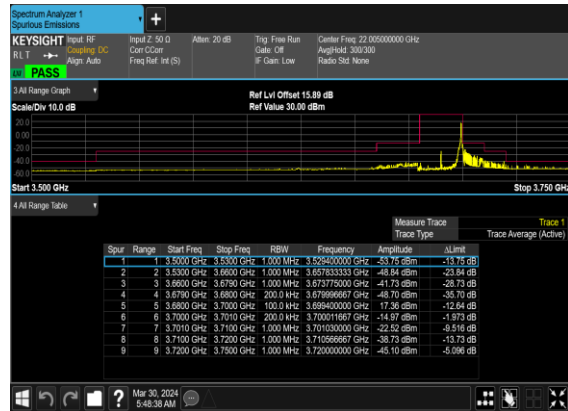
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OFDM_BPSK_Edge_1RB_Left_High_CH



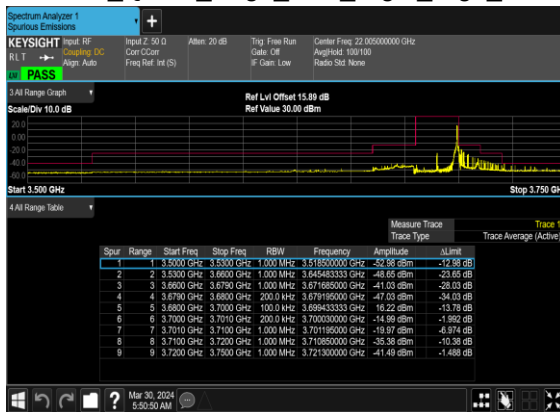
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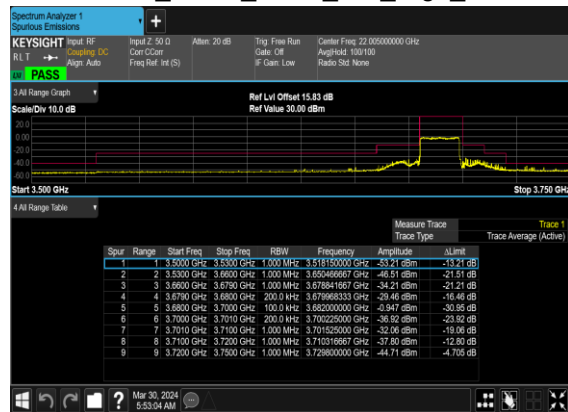
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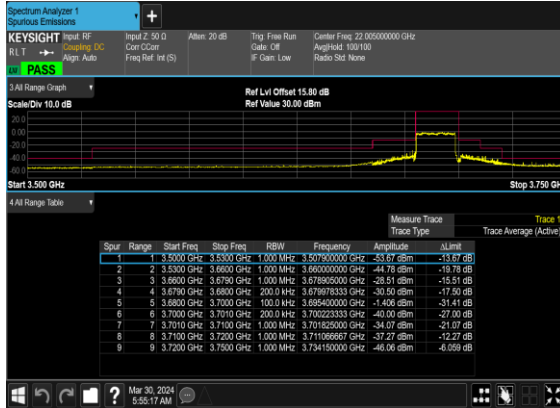
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OFDM_QPSK_Edge_1RB_Right_High_CH



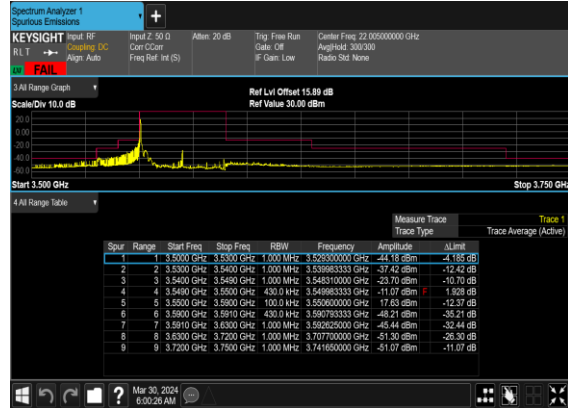
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OFDM_BPSK_Outer_Full_High_CH



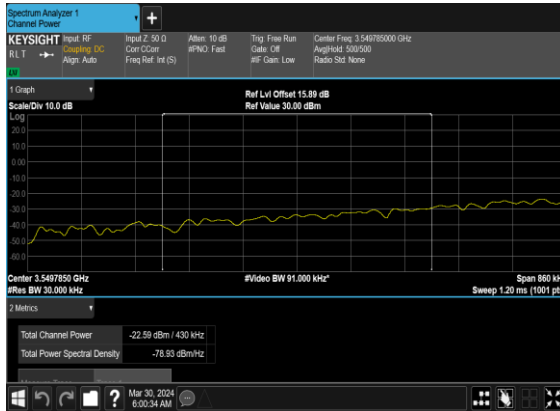
N48(20M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



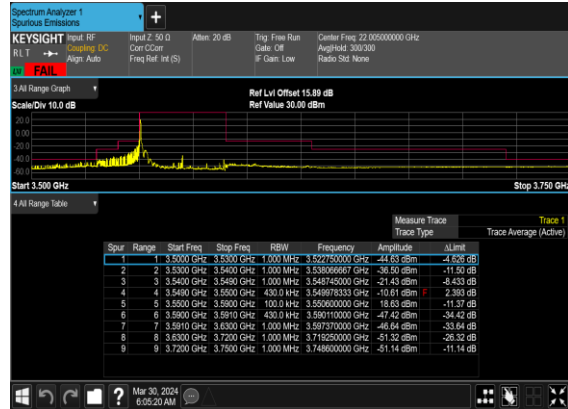
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



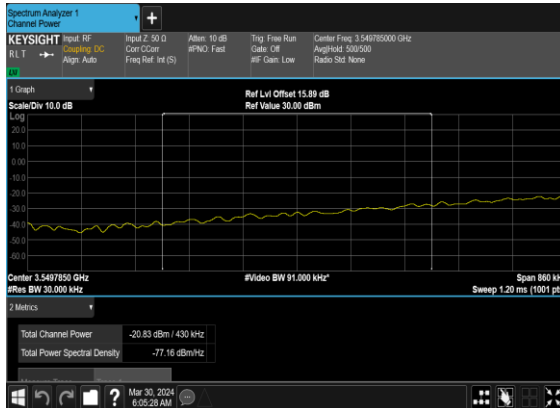
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH_chp PASS



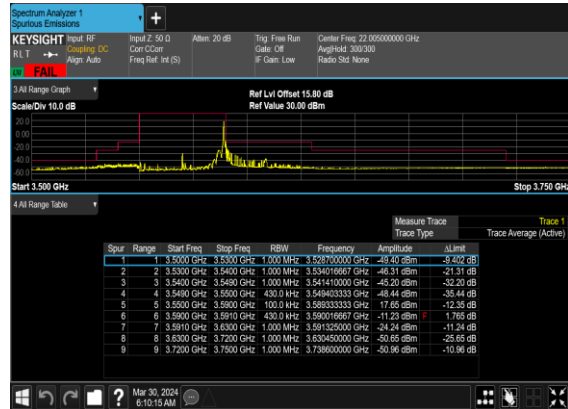
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH_chp PASS



N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_Low_CH



Spectrum Analyzer 1
Channel Power

KEYSIGHT Input RF: **Channel OC**
I/L T → Align: Auto

Input 2: Z 50 Ohm
Corr: CCF
FREQ: Fast
Att'n: 10 dB
#FNO: Fast
Tone Freq: Run
Gate: Off
Ref: Gain Low
Center Freq: 3.590215000 GHz
Amp: 500.000
Radio Std: None
Ref Lvl Offset: 15.80 dBm
Ref Value: 30.00 dBm

1 Graph

Scale/Div 10.0 dB
Log

Center 3.5902150 GHz
#Res BW 30.000 kHz

#Video BW 91.000 kHz*

Span 860 kHz
Sweep 1.20 ms (1001 pts)

2 Metrics

Total Channel Power	-20.71 dBm / 430 kHz
Total Power Spectral Density	-77.05 dBm/MHz

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Spectrum Analyzer 1
Spectrum Emulation

KEYSIGHT Input Ref: 3.500 GHz, Span: 40.0 MHz, Center Freq: 3.5000000 GHz, Res BW: 30.0 MHz, Video BW: 30.0 MHz, Att: 20.0 dB, Trig: Free Run, Ref Lvl Offset: 15.0 dBm, Ref Value: 30.0 dBm

3.0 All Range Graph
Scale/Div 10.0 dB
Start 3.500 GHz, Stop 3.750 GHz

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLmt
1	1	3.5000 GHz	3.5000 GHz	1.000 MHz	3.529100000 GHz	-47.49 dBm	-7.384 dB
2	2	3.5000 GHz	3.5000 GHz	1.000 MHz	3.534916667 GHz	-48.19 dBm	-20.19 dB
3	3	3.5000 GHz	3.5000 GHz	1.000 MHz	3.545200000 GHz	-44.48 dBm	-31.28 dB
4	4	3.5000 GHz	3.5000 GHz	430.0 kHz	3.549866667 GHz	-47.53 dBm	-34.53 dB
5	5	3.5000 GHz	3.5000 GHz	1.000 MHz	3.589333333 GHz	-62.27 dBm	-11.73 dB
6	6	3.5000 GHz	3.5010 GHz	430.0 kHz	3.590035000 GHz	-10.51 dBm	2.05 dB
7	7	3.5010 GHz	3.6300 GHz	1.000 MHz	3.592625000 GHz	-27.76 dBm	-14.76 dB
8	8	3.5000 GHz	3.7200 GHz	1.000 MHz	3.636900000 GHz	-51.05 dBm	-26.05 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.789000000 GHz	-51.20 dBm	-11.20 dB

Spectrum Analyzer 1
Channel Power

KEYSIGHT Input: RF
 RLT → **Creeping DC**
 Align: Auto

Input Z: 50 Ω
 Corr: CCat
 Freq Ref: Int (S)

Att'n: 10 dB
 #NO: Fast

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

Center Freq: 3.590215000 GHz
 Arg/Mod: 500/500
 Radio Std: None

1 Graph
 Scale/Div: 10.0 dB
 Log
 20.0
 10.0
 0.0
 -10.0
 -20.0
 -30.0
 -40.0
 -50.0
 -60.0

Ref Lut Offset: 15.00 dB
 Ref Value: 30.00 dBm

Center: 3.5902150 GHz
 #Res BW: 30.000 kHz

#Video BW: 91.000 kHz

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

2 Metrics

Total Channel Power	-21.99 dBm / 430 kHz
Total Power Spectral Density	-76.32 dBm/Hz

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[illegible]

KEYSIGHT Input RF: **Creeping DC** Alt: **20 dB** Trig Freq: **22.00000000 GHz**
 R.I.T. **↔** Corr: **Off** Off: **Off** Argh: **100/100**
dc PASS Freq Ref: **3.500 GHz** Ref Value: **30.00 dBm**

3.4k Range Graph
Scale/Div 10.0 dB

Start 3.500 GHz **Stop 3.750 GHz**

4.0k Range Table

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔAm
1	1	3.5000 GHz	3.5000 GHz	1.000 MHz	3.528750000 GHz	-21.28 dBm	-1.261 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.537500000 GHz	-21.28 dBm	-12.67 dB
3	3	3.5400 GHz	3.5490 GHz	1.000 MHz	3.545800000 GHz	-28.76 dBm	-15.76 dB
4	4	3.5490 GHz	3.5600 GHz	430.0 MHz	3.549791667 GHz	-30.21 dBm	-17.21 dB
5	5	3.5600 GHz	3.5800 GHz	1.000 MHz	3.573333333 GHz	-34.61 dBm	-33.43 dB
6	6	3.5800 GHz	3.5910 GHz	430.0 MHz	3.590016667 GHz	-35.41 dBm	-13.41 dB
7	7	3.5910 GHz	3.6300 GHz	1.000 MHz	3.596800000 GHz	-36.01 dBm	-29.81 dB
8	8	3.6300 GHz	3.7200 GHz	1.000 MHz	3.633150000 GHz	-46.27 dBm	-21.27 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.742750000 GHz	-50.00 dBm	-10.60 dB

Keysight Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input Ref: **+**
R L T **→** **Coupling DC**
Amp: Auto
FAIL

Input 2: 50.0
Cen CCar
Freq Ref: 1st (S)

Att: 20 dB

Trig: Free Run
Gate: Off
IF: Coen Low

Center Freq: 22.000000000 GHz
AmpHd: 300/300
Radio Std: None

4 All Range Graph
Scale Div: 10.0 dB

Ref Loss Offset: 15.59 dB
Ref Value: 30.00 dBm

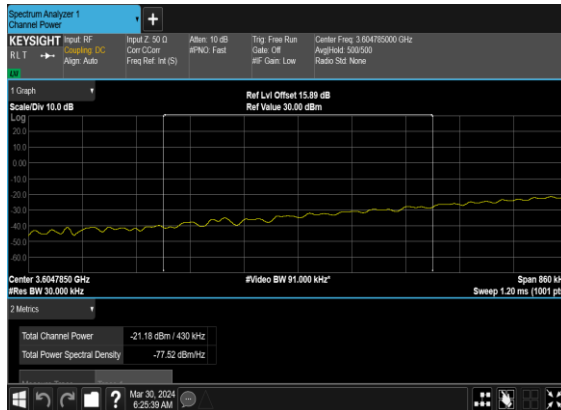
Start: 3.500 GHz
Stop: 3.750 GHz

4 All Range Table

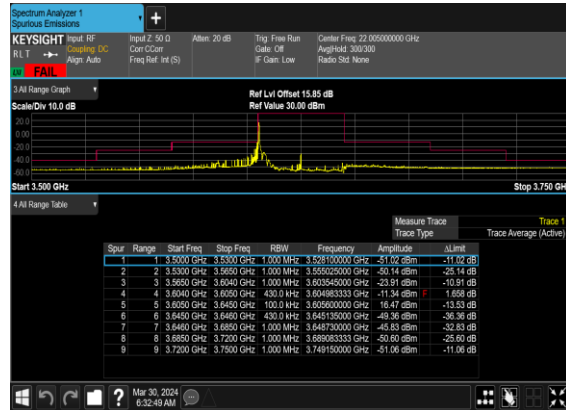
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	dLme
					Trace Type	Measure Trace	Trace Average (Active)
1	1	3.5000 GHz	3.5200 GHz	1.000 MHz	3.512300000 GHz	-52.17 dBm	-19.17 dB
2	2	3.5300 GHz	3.5650 GHz	1.000 MHz	3.562725000 GHz	-68.93 dBm	-23.93 dB
3	3	3.5680 GHz	3.6040 GHz	1.000 MHz	3.603545000 GHz	-62.02 dBm	-10.02 dB
4	4	3.6040 GHz	3.6250 GHz	430.1 kHz	3.604918617 GHz	-11.83 dBm	-1.41 dB
5	5	3.6050 GHz	3.6450 GHz	10.00 MHz	3.605600000 GHz	-17.54 dBm	-12.46 dB
6	6	3.6450 GHz	3.6480 GHz	430.1 kHz	3.645118000 GHz	-49.26 dBm	-36.26 dB
7	7	3.6480 GHz	3.6850 GHz	1.000 MHz	3.647620000 GHz	-44.48 dBm	-31.89 dB
8	8	3.6850 GHz	3.7200 GHz	1.000 MHz	3.688885000 GHz	-51.23 dBm	-26.23 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.745000000 GHz	-51.04 dBm	-11.04 dB

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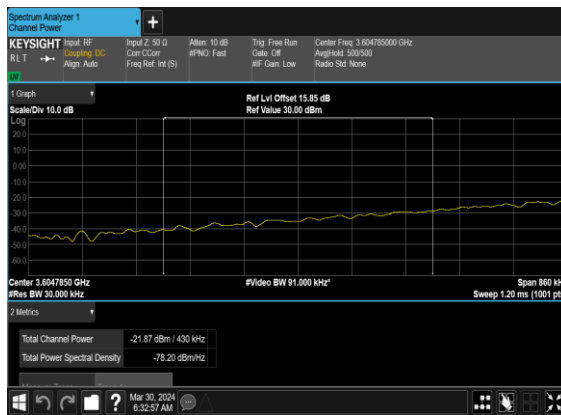
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH_Chp_P ASS



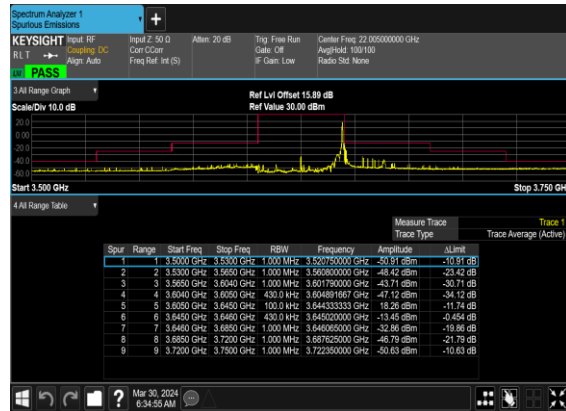
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



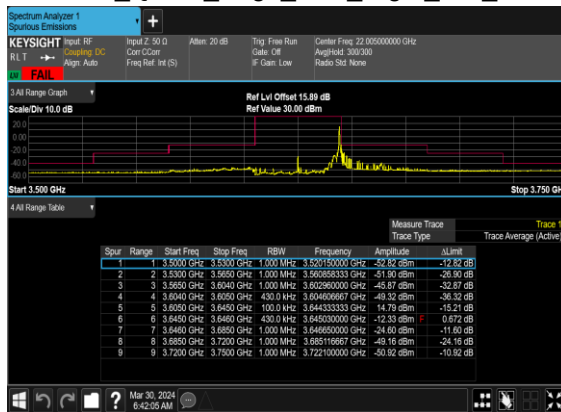
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH_Chp_P PASS



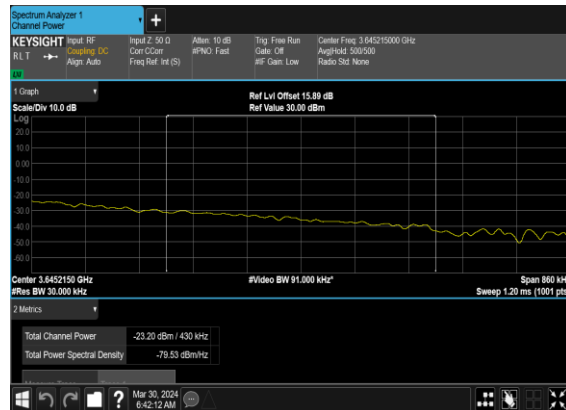
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_Mid_CH



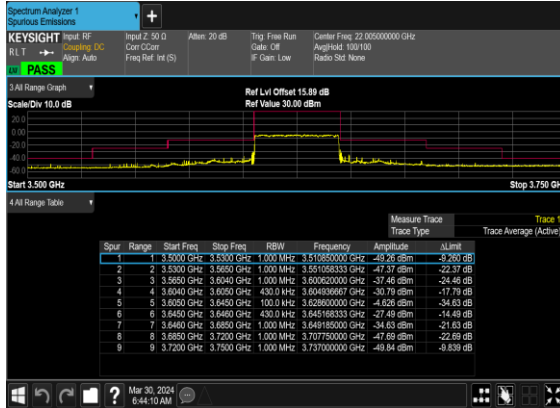
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Mid_CH



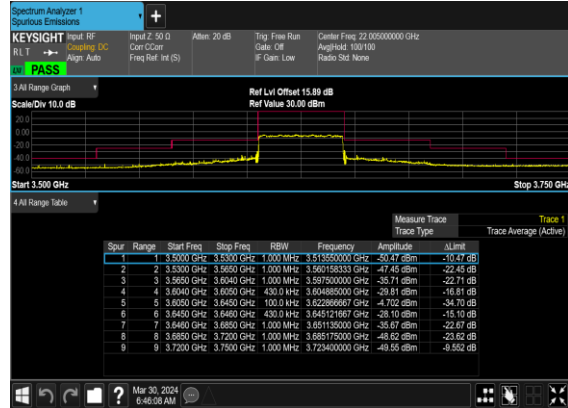
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Mid_CH_Chp_P PASS



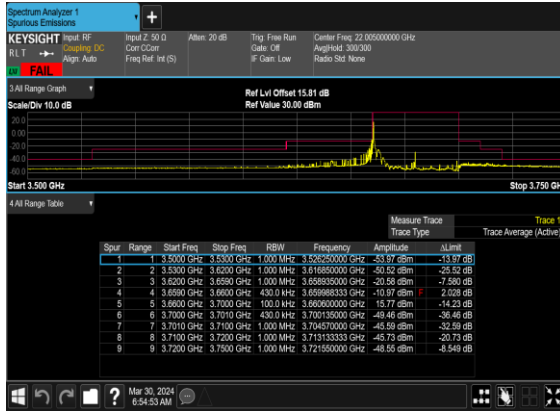
N48(40M)_DFT-s- OFDM_BPSK_Outer_Full_Mid_CH



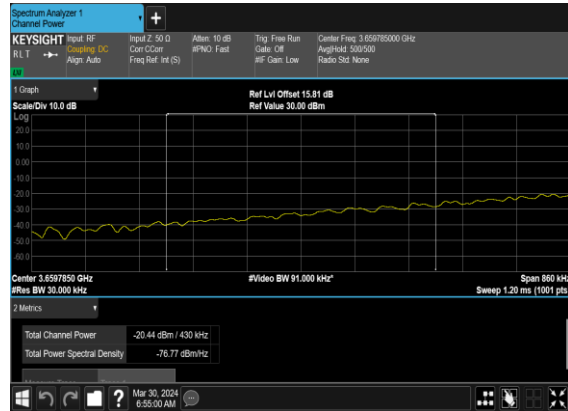
N48(40M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



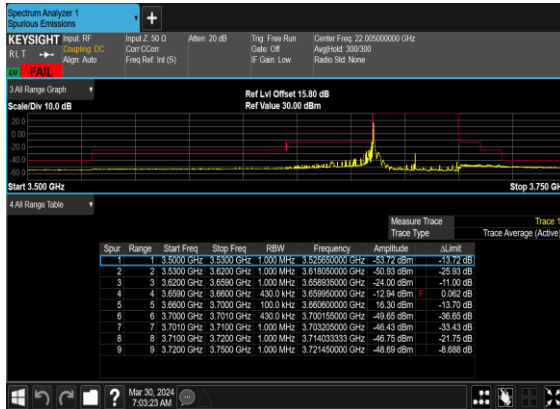
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



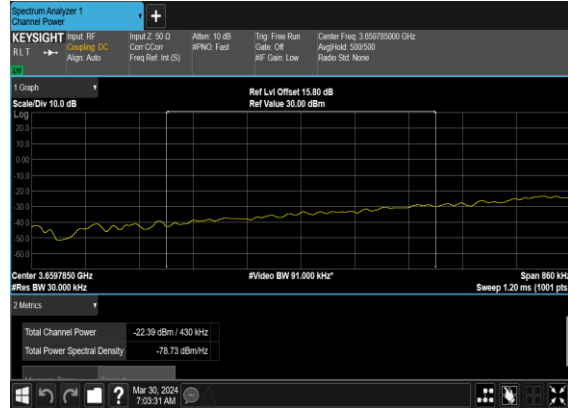
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH_chp_ PASS



N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



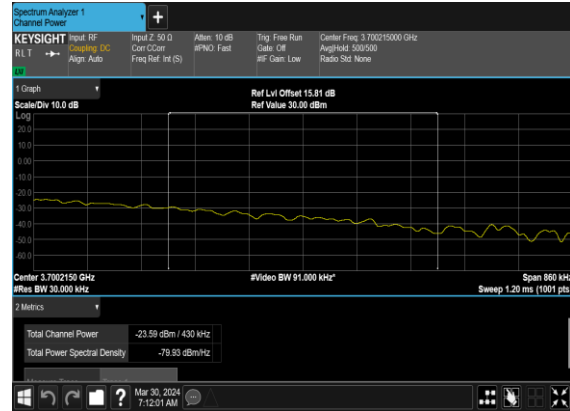
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH_chp_ PASS



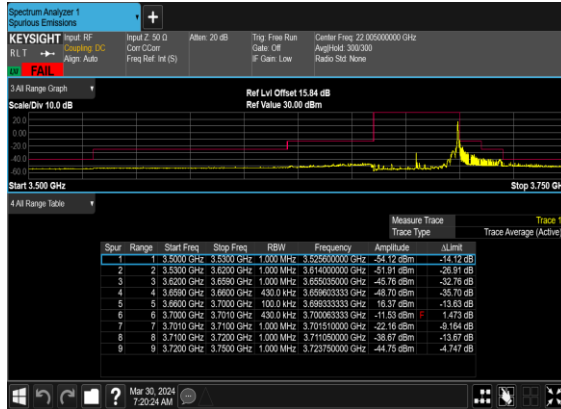
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH



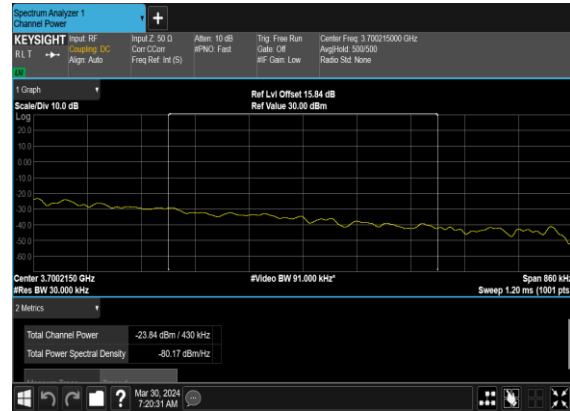
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH_ch _PASS



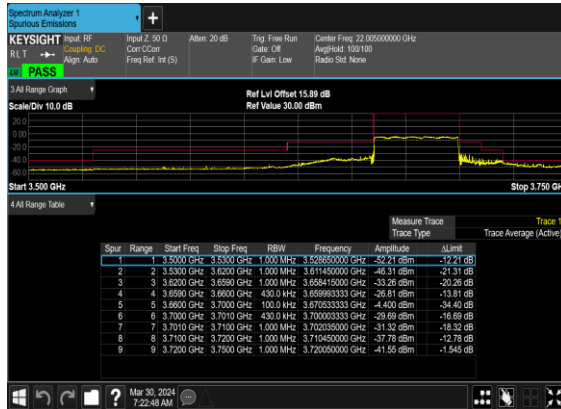
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



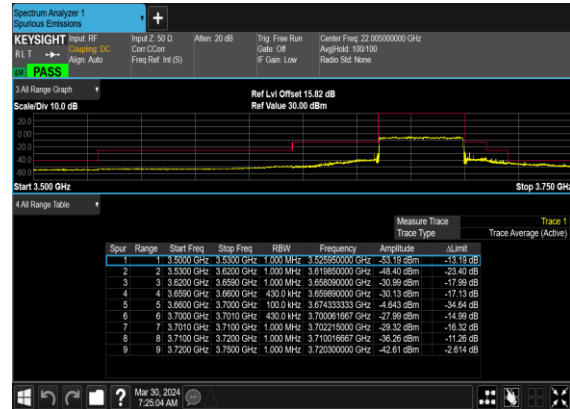
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH_ch P_PASS



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	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
48	15	5	636834	3552.51	DFT-s-OFDM QPSK	1@1	20.52	20.52	0.1127
48	15	5	636834	3552.51	DFT-s-OFDM 16 QAM	1@1	19.76	19.76	0.0946
48	15	5	641667	3625.005	DFT-s-OFDM QPSK	1@1	20.71	20.71	0.1178
48	15	5	641667	3625.005	DFT-s-OFDM 16 QAM	1@1	19.52	19.52	0.0895
48	15	5	646500	3697.5	DFT-s-OFDM QPSK	1@1	20.91	20.91	0.1233
48	15	5	646500	3697.5	DFT-s-OFDM 16 QAM	1@1	19.72	19.72	0.0938
48	15	10	637000	3555	DFT-s-OFDM QPSK	1@1	20.62	20.62	0.1153
48	15	10	637000	3555	DFT-s-OFDM 16 QAM	1@1	19.66	19.66	0.0925
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@1	20.76	20.76	0.1191
48	15	10	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	19.63	19.63	0.0918
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@1	20.94	20.94	0.1242
48	15	10	646332	3694.98	DFT-s-OFDM 16 QAM	1@1	19.82	19.82	0.0959
48	15	15	637168	3557.52	DFT-s-OFDM QPSK	1@1	20.76	20.76	0.1191
48	15	15	637168	3557.52	DFT-s-OFDM 16 QAM	1@1	19.79	19.79	0.0953
48	15	15	641666	3624.99	DFT-s-OFDM QPSK	1@1	20.98	20.98	0.1253
48	15	15	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	19.95	19.95	0.0989
48	15	15	646166	3692.49	DFT-s-OFDM QPSK	1@1	21	21	0.1259
48	15	15	646166	3692.49	DFT-s-OFDM 16 QAM	1@1	20.03	20.03	0.1007
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@1	20.74	20.74	0.1186
48	15	20	637334	3560.01	DFT-s-OFDM 16 QAM	1@1	19.61	19.61	0.0914
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@1	20.88	20.88	0.1225
48	15	20	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	19.73	19.73	0.0940
48	15	20	646000	3690	DFT-s-OFDM QPSK	1@1	21.02	21.02	0.1265
48	15	20	646000	3690	DFT-s-OFDM 16 QAM	1@1	19.87	19.87	0.0971
48	15	30	637667	3565.005	DFT-s-OFDM QPSK	1@1	20.62	20.62	0.1153
48	15	30	637667	3565.005	DFT-s-OFDM 16 QAM	1@1	19.63	19.63	0.0918
48	15	30	641666	3624.99	DFT-s-OFDM QPSK	1@1	20.73	20.73	0.1183
48	15	30	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	19.76	19.76	0.0946
48	15	30	645666	3684.99	DFT-s-OFDM	1@1	20.73	20.73	0.1183

QPSK									
48	15	30	645666	3684.99	DFT-s-OFDM 16 QAM	1@1	19.75	19.75	0.0944
48	15	40	638000	3570	DFT-s-OFDM PI/2 BPSK	108@54	20.69	20.69	0.1172
48	15	40	638000	3570	DFT-s-OFDM PI/2 BPSK	1@1	20.61	20.61	0.1151
48	15	40	638000	3570	DFT-s-OFDM PI/2 BPSK	1@214	20.61	20.61	0.1151
48	15	40	638000	3570	DFT-s-OFDM QPSK	108@54	20.73	20.73	0.1183
48	15	40	638000	3570	DFT-s-OFDM QPSK	1@1	20.75	20.75	0.1189
48	15	40	638000	3570	DFT-s-OFDM QPSK	1@214	20.73	20.73	0.1183
48	15	40	638000	3570	DFT-s-OFDM 16 QAM	108@54	19.74	19.74	0.0942
48	15	40	638000	3570	DFT-s-OFDM 16 QAM	1@1	19.69	19.69	0.0931
48	15	40	638000	3570	DFT-s-OFDM 16 QAM	1@214	19.66	19.66	0.0925
48	15	40	638000	3570	DFT-s-OFDM 64 QAM	108@54	18.18	18.18	0.0658
48	15	40	638000	3570	DFT-s-OFDM 64 QAM	1@1	18.24	18.24	0.0667
48	15	40	638000	3570	DFT-s-OFDM 64 QAM	1@214	18.21	18.21	0.0662
48	15	40	638000	3570	DFT-s-OFDM 256 QAM	108@54	16.14	16.14	0.0411
48	15	40	638000	3570	DFT-s-OFDM 256 QAM	1@1	16.13	16.13	0.0410
48	15	40	638000	3570	DFT-s-OFDM 256 QAM	1@214	16.11	16.11	0.0408
48	15	40	638000	3570	CP-OFDM QPSK	108@54	19.21	19.21	0.0834
48	15	40	638000	3570	CP-OFDM QPSK	1@1	18.96	18.96	0.0787
48	15	40	638000	3570	CP-OFDM QPSK	1@214	18.94	18.94	0.0783
48	15	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	108@54	20.83	20.83	0.1211
48	15	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@1	20.72	20.72	0.1180
48	15	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@214	20.71	20.71	0.1178
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	108@54	20.87	20.87	0.1222
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@1	20.84	20.84	0.1213
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@214	20.86	20.86	0.1219
48	15	40	641666	3624.99	DFT-s-OFDM 16 QAM	108@54	19.87	19.87	0.0971
48	15	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	19.78	19.78	0.0951
48	15	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@214	19.76	19.76	0.0946
48	15	40	641666	3624.99	DFT-s-OFDM 64 QAM	108@54	18.31	18.31	0.0678
48	15	40	641666	3624.99	DFT-s-OFDM 64 QAM	1@1	18.3	18.3	0.0676
48	15	40	641666	3624.99	DFT-s-OFDM 64 QAM	1@214	18.32	18.32	0.0679
48	15	40	641666	3624.99	DFT-s-OFDM 256 QAM	108@54	16.27	16.27	0.0424
48	15	40	641666	3624.99	DFT-s-OFDM 256 QAM	1@1	16.19	16.19	0.0416
48	15	40	641666	3624.99	DFT-s-OFDM 256 QAM	1@214	16.22	16.22	0.0419
48	15	40	641666	3624.99	CP-OFDM QPSK	108@54	19.39	19.39	0.0869

48	15	40	641666	3624.99	CP-OFDM QPSK	1@1	19.04	19.04	0.0802
48	15	40	641666	3624.99	CP-OFDM QPSK	1@214	19.04	19.04	0.0802
48	15	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	108@54	20.95	20.95	0.1245
48	15	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	1@1	20.83	20.83	0.1211
48	15	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	1@214	20.72	20.72	0.1180
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	108@54	20.95	20.95	0.1245
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@1	21.05	21.05	0.1274
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@214	20.89	20.89	0.1227
48	15	40	645332	3679.98	DFT-s-OFDM 16 QAM	108@54	19.97	19.97	0.0993
48	15	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@1	19.93	19.93	0.0984
48	15	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@214	19.86	19.86	0.0968
48	15	40	645332	3679.98	DFT-s-OFDM 64 QAM	108@54	18.42	18.42	0.0695
48	15	40	645332	3679.98	DFT-s-OFDM 64 QAM	1@1	18.47	18.47	0.0703
48	15	40	645332	3679.98	DFT-s-OFDM 64 QAM	1@214	18.34	18.34	0.0682
48	15	40	645332	3679.98	DFT-s-OFDM 256 QAM	108@54	16.39	16.39	0.0436
48	15	40	645332	3679.98	DFT-s-OFDM 256 QAM	1@1	16.31	16.31	0.0428
48	15	40	645332	3679.98	DFT-s-OFDM 256 QAM	1@214	16.23	16.23	0.0420
48	15	40	645332	3679.98	CP-OFDM QPSK	108@54	19.46	19.46	0.0883
48	15	40	645332	3679.98	CP-OFDM QPSK	1@1	19.16	19.16	0.0824
48	15	40	645332	3679.98	CP-OFDM QPSK	1@214	19.05	19.05	0.0804