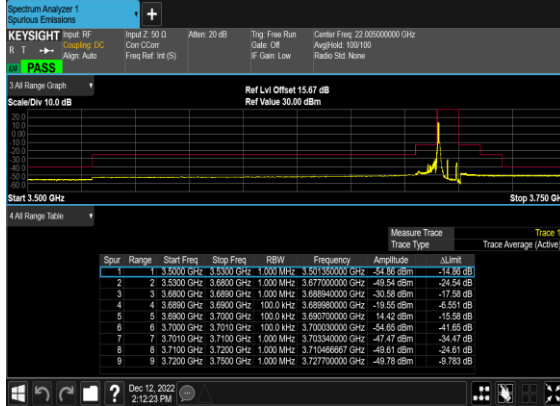
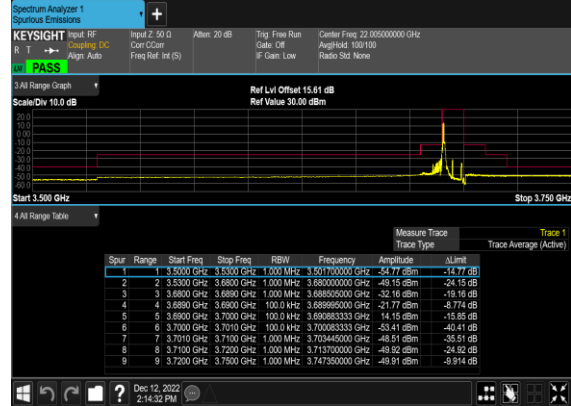


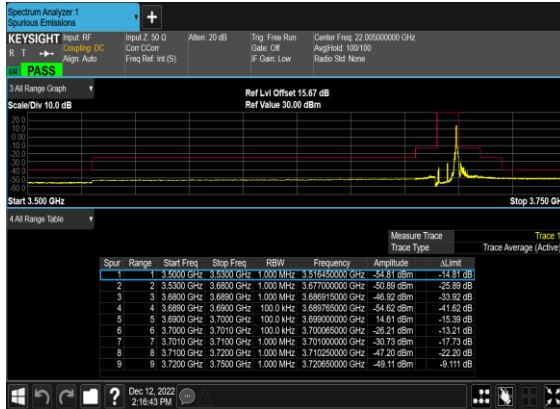
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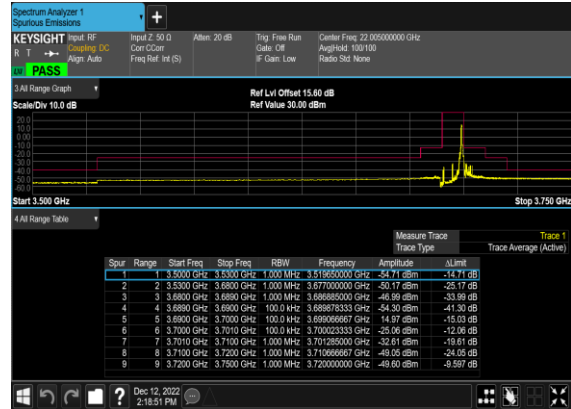
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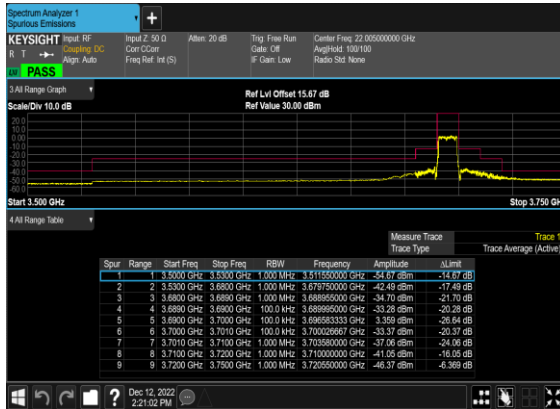
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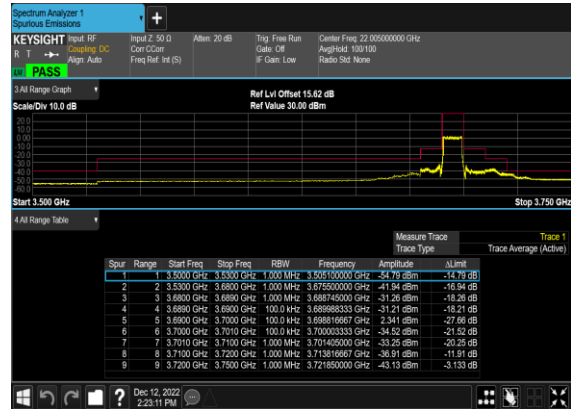
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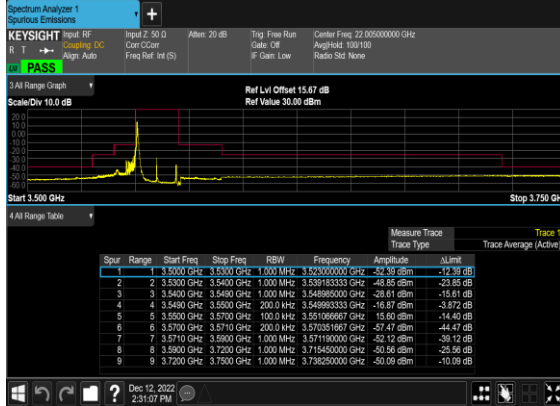
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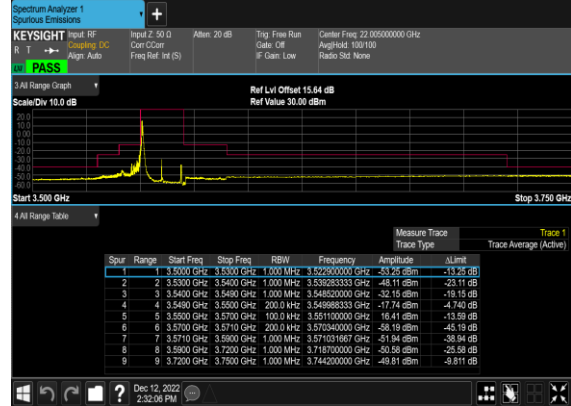
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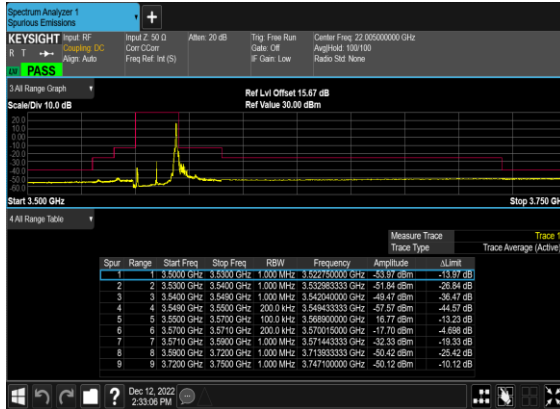
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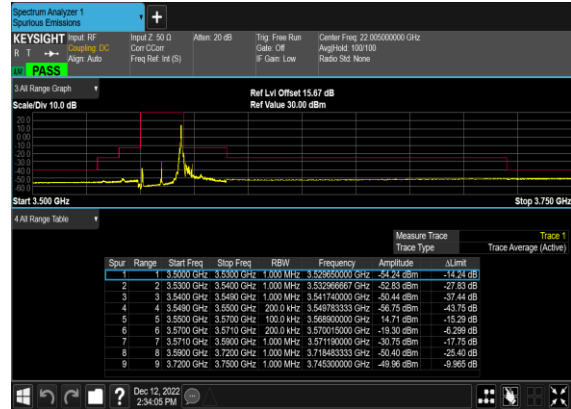
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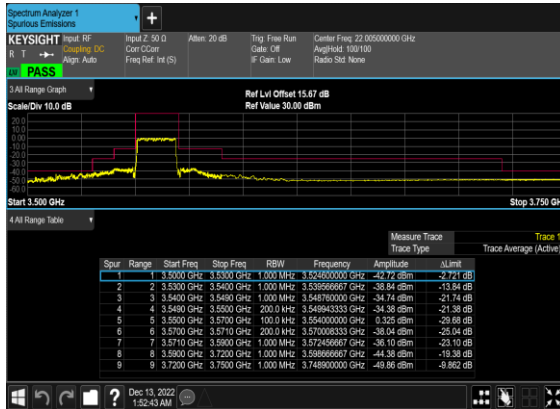
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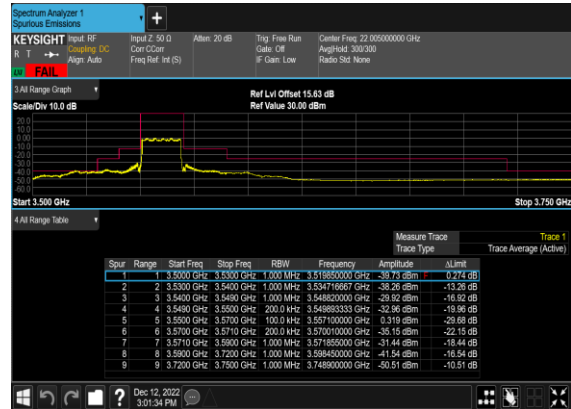
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



Spectrum Analyzer 1
Channel Power

KEYSIGHT Input RF
R T → Noise Src
Aggs Auto

Input Z: 50 Ω
Cen Freq: 3.519850 GHz
Freq Ref: Int (S)

Atten: 10 dB
#FNO: Fast

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

Center Freq: 3.519850000 GHz
Amp/Att: 500/500
Radio Std: None

1 Graph
Scale/Div: 10.0 dB
Log

Center: 3.519850 GHz
#Res BW: 30.000 kHz

#Video BW: 91.000 kHz

Span: 2 MHz
Sweep: 2.80 ms (1001 pts)

2 Metrics

Total Channel Power	-41.41 dBm / 1.00 MHz
Total Power Spectral Density	-101.4 dBm/Hz

Dec 12, 2022
3:01:42 PM

The screenshot displays the Keysight Spectrum Analyzer software interface. The top section shows the main controls and settings:

- KEYSIGHT** logo and input settings: Input Freq 3.500 GHz, Span 10.0 GHz, Res BW 100 kHz, Video BW 100 kHz, Center Freq 22.00000000 GHz, Ref Level Offset 15.67 dB, Ref Value 30.00 dBm.
- Input Freq**: 3.500 GHz
- Span**: 10.0 GHz
- Res BW**: 100 kHz
- Video BW**: 100 kHz
- Center Freq**: 22.00000000 GHz
- Ref Level Offset**: 15.67 dB
- Ref Value**: 30.00 dBm

The main display area shows a spectrum plot with a signal trace. The x-axis represents frequency in GHz, ranging from 3.500 GHz to 3.750 GHz. The y-axis represents power in dBm, ranging from -20.0 dBm to 20.0 dBm. A prominent signal is visible at approximately 3.500 GHz.

Below the plot, the **4.4 Range Table** is displayed, showing the measured spurs. The table has the following columns: Spur, Range, Start Freq, Stop Freq, RBW, Frequency, Amplitude, and Δ Limit.

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.508200000 GHz	-34.86 dBm	-14.86 dB
2	2	3.5300 GHz	3.5600 GHz	1.000 MHz	3.554733333 GHz	-32.43 dBm	-27.43 dB
3	3	3.5600 GHz	3.5940 GHz	1.000 MHz	3.573096667 GHz	-31.45 dBm	-14.45 dB
4	4	3.5940 GHz	3.6150 GHz	200.0 kHz	3.614988333 GHz	-19.61 dBm	-6.61 dB
5	5	3.6150 GHz	3.6350 GHz	100.0 kHz	3.616066667 GHz	-15.54 dBm	-14.46 dB
6	6	3.6350 GHz	3.6500 GHz	200.0 kHz	3.635266667 GHz	-36.72 dBm	-13.72 dB
7	7	3.6500 GHz	3.6550 GHz	1.000 MHz	3.642840000 GHz	-20.45 dBm	-37.45 dB
8	8	3.6550 GHz	3.7200 GHz	1.000 MHz	3.707541667 GHz	-20.54 dBm	-25.54 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.740550000 GHz	-30.03 dBm	-10.03 dB

Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input RF: **RF**
Output: **DC**
Coupling: **DC**
Align: **Auto**

Input 2: 50.0 GHz
Core: CCR
Freq Ref: 10.0 MHz

Att: 20 dB

Trig: Free Run
Gate: Off
IF Gain: Low

Center Freq: 22.00000000 GHz
Amplitude: 100.0 dBm
Video Span: 10.0 dB

1 All Ranges Graph

Scale/Div: 10.0 dB

Ref Lvl Offset: 15.47 dBm
Ref Value: 30.00 dBm

Start: 3.500 GHz
Stop: 3.750 GHz

4.0 Range Table

Spur	Frequency	Start Freq	Stop Freq	RBW	Amplitude	ΔLmt
1	3.5000 GHz	3.5000 GHz	3.5000 GHz	1.000 MHz	-41.68 dBm	-41.68 dB
2	3.5300 GHz	3.5300 GHz	3.5300 GHz	1.000 MHz	-43.41 dBm	-28.41 dB
3	3.5650 GHz	3.5650 GHz	3.5650 GHz	1.000 MHz	-43.52 dBm	-21.32 dB
4	3.6140 GHz	3.6140 GHz	3.6140 GHz	1.000 MHz	-40.43 dBm	-7.426 dB
5	3.6150 GHz	3.6150 GHz	3.6150 GHz	1.000 MHz	-43.41 dBm	-15.69 dB
6	3.6350 GHz	3.6350 GHz	3.6350 GHz	1.000 MHz	-40.43 dBm	-3.47 dB
7	3.6360 GHz	3.6360 GHz	3.6360 GHz	1.000 MHz	-43.52 dBm	-37.47 dB
8	3.6550 GHz	3.6550 GHz	3.6550 GHz	1.000 MHz	-40.40 dBm	-25.40 dB
9	3.7200 GHz	3.7200 GHz	3.7200 GHz	1.000 MHz	-50.02 dBm	-10.02 dB

Spectrum Analyzer 1
 Spectrus Emulations
 KEYSIGHT
 Input RF
 R T
 Span: Auto
 Input 2: 50.0
 Con: C-Ext
 Freq Ref: 1x (s)
 Att: 20.0 dB
 Trig: Free Run
 Gate: Off
 Freq: Low
 Center Freq: 22,005,000,000 GHz
 Arg1/Ref4: 100/100
 Radio Set: None
PASS
 3.48 Range Graph
 Scale/Div: 10.0 dB
 Ref Lvl Offset: 15.54 dB
 Ref Value: 30.00 dBm
 Start: 3.500 GHz
 Stop: 3.750 GHz
 3.48 Range Table
 Measure Trace
 Trace Type
 Trace Average (Active)

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	dBm
1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.500200000 GHz	-54.60 dBm	-14.60 dB	
2	3.5300 GHz	3.5650 GHz	1.000 MHz	3.554981667 GHz	-54.07 dBm	-29.07 dB	
3	3.5650 GHz	3.6140 GHz	1.000 MHz	3.613330000 GHz	-50.81 dBm	-57.81 dB	
4	3.6140 GHz	3.6150 GHz	200.0 Hz	3.614903333 GHz	-56.58 dBm	-43.58 dB	
5	3.6150 GHz	3.6350 GHz	500.0 Hz	3.633300000 GHz	-15.87 dBm	-14.13 dB	
6	3.6350 GHz	3.6360 GHz	200.0 Hz	3.635003333 GHz	-18.65 dBm	-5.65 dB	
7	3.6360 GHz	3.6550 GHz	1.000 MHz	3.650511667 GHz	-53.92 dBm	-20.92 dB	
8	3.6550 GHz	3.7200 GHz	1.000 MHz	3.706783333 GHz	-50.53 dBm	-25.53 dB	
9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.744200000 GHz	-49.80 dBm	-8.80 dB	

KEYSIGHT Input RF: **Channeling DC** Alt: 20.0 GHz Trig: Free Run Gate: Off Center Freq: 22.000000000 GHz
 Input 2: 50.0 GHz Corr: CCAR Freq Ref: 1st (S) IF Gain: Low Ref: 404.4 100.100 Radio St: None

Scale/Div 10.0 dB

Start 3.500 GHz Stop 3.750 GHz

4 dB Range Table

Spur	Range	Start Freq	Stop Freq	Power	Frequency	Amplitude	ΔAmplitude
1	1	3.5000 GHz	3.6300 GHz	1.000 MHz	3.6247000000 GHz	-54.94 dBm	-14.94 dB
2	2	3.5300 GHz	3.5650 GHz	1.000 MHz	3.539316667 GHz	-54.19 dBm	-29.19 dB
3	3	3.5850 GHz	3.6145 GHz	1.000 MHz	3.607650000 GHz	-49.21 dBm	-36.21 dB
4	4	3.6140 GHz	3.6150 GHz	200.0 MHz	3.614031667 GHz	-47.74 dBm	-44.74 dB
5	5	3.6150 GHz	3.6350 GHz	1.000 MHz	3.634000000 GHz	-15.45 dBm	-14.55 dB
6	6	3.6350 GHz	3.6360 GHz	200.0 MHz	3.635000000 GHz	-20.55 dBm	-7.54 dB
7	7	3.6360 GHz	3.6530 GHz	1.000 MHz	3.648216667 GHz	-34.35 dBm	-21.35 dB
8	8	3.6550 GHz	3.7200 GHz	1.000 MHz	3.705700000 GHz	-30.39 dBm	-25.39 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.750000000 GHz	-50.03 dBm	-10.03 dB

Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input Ref
R 1 Coupling DC
Amp: Auto

Input 2: 50.0
Cen CCar
Freq Ref: Int (S)

Att: 20 dB

Trig: Free Run
Gate: Off
IF Gain: Low

Center Freq: 22.05000000 GHz
AgtHdH: 100.100
Radio Std: None

Low PASS

3.68 Range Graph

Scale/Div: 10.0 dB

Ref Lvl Offset: 15.00 dB
Ref Value: 30.00 dBm

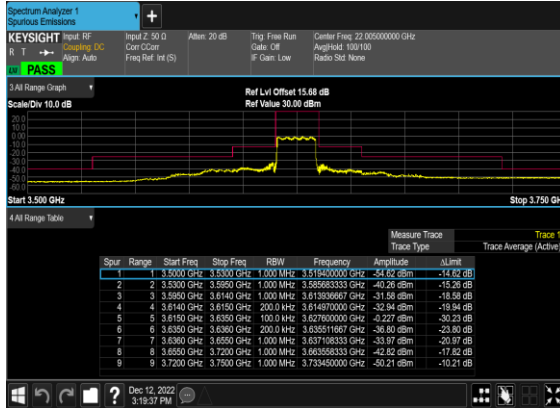
Start: 3.500 GHz
Stop: 3.750 GHz

4 All Range Table

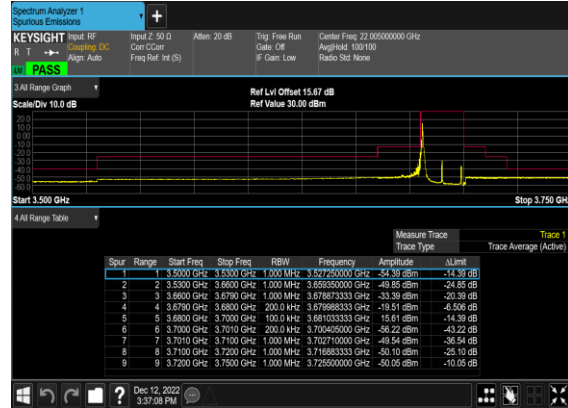
		Measure Trace			Trace 1		
		Trace Type			Trace Average (Active)		
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	dBm
1	1	3.5000 GHz	3.6300 GHz	1.000 MHz	3.501950000 GHz	-24.78 dBm	-14.78 dB
2	2	3.6300 GHz	3.6550 GHz	1.000 MHz	3.592400000 GHz	-42.40 dBm	-17.40 dB
3	3	3.6550 GHz	3.6740 GHz	1.000 MHz	3.672500000 GHz	-38.83 dBm	-26.83 dB
4	4	3.6740 GHz	3.6750 GHz	200.0 kHz	3.674860000 GHz	-53.91 dBm	-20.91 dB
5	5	3.6750 GHz	3.6350 GHz	1.000 MHz	3.622030000 GHz	-1.340 dBm	-29.45 dB
6	6	3.6350 GHz	3.6360 GHz	200.0 kHz	3.635020000 GHz	-41.77 dBm	-28.77 dB
7	7	3.6360 GHz	3.6550 GHz	1.000 MHz	3.638903333 GHz	-30.02 dBm	-30.02 dB
8	8	3.6550 GHz	3.7200 GHz	1.000 MHz	3.686662500 GHz	-46.44 dBm	-21.44 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.736050000 GHz	-49.92 dBm	-9.916 dB

Dec 19, 2022
3:17:45 PM

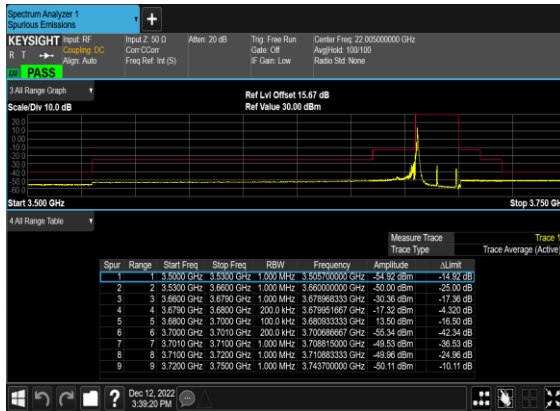
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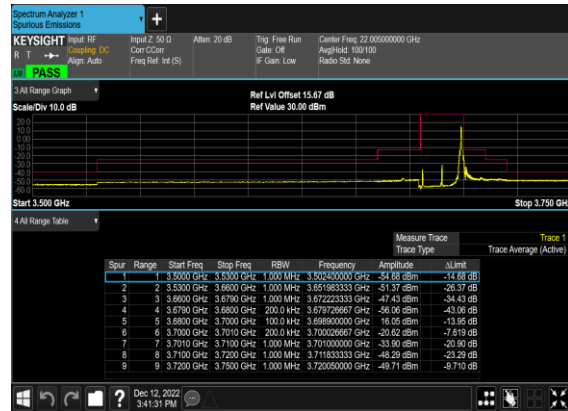
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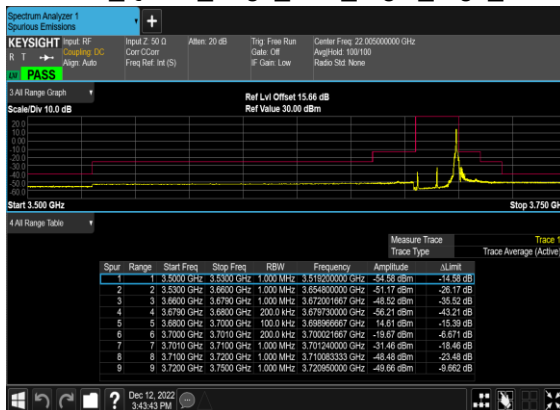
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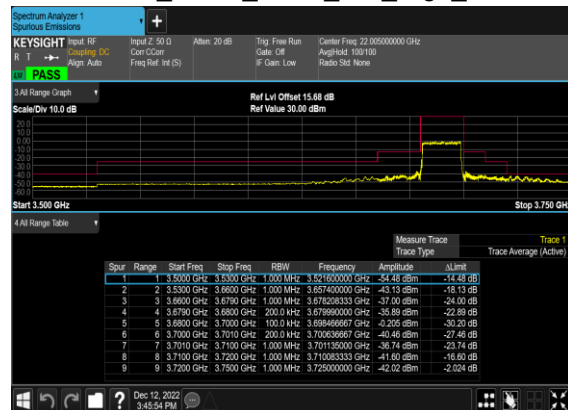
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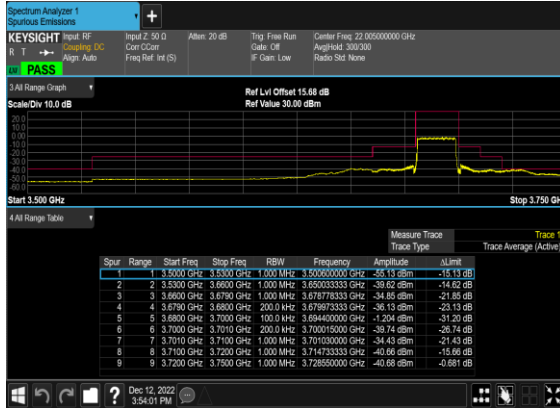
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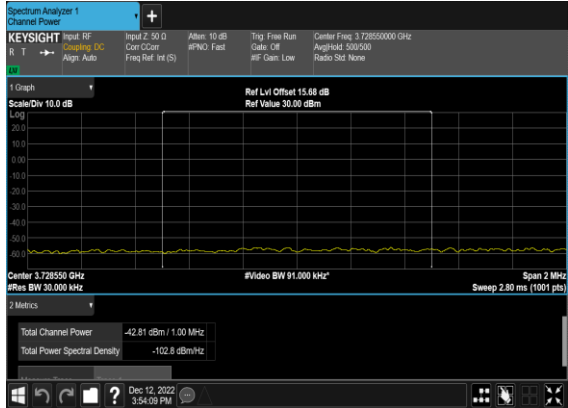
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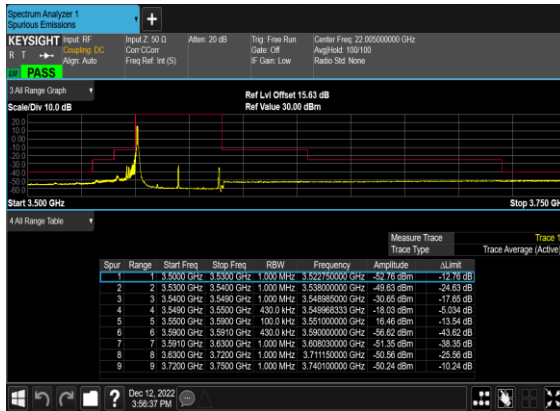
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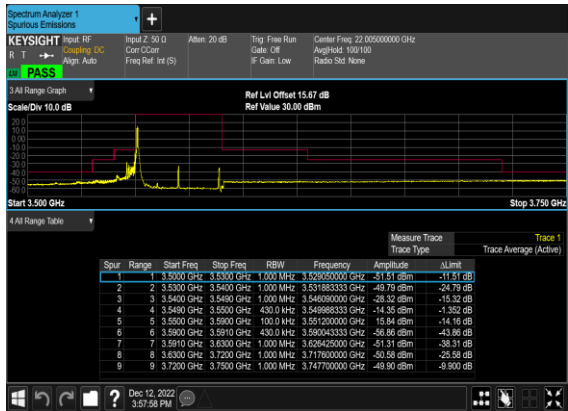
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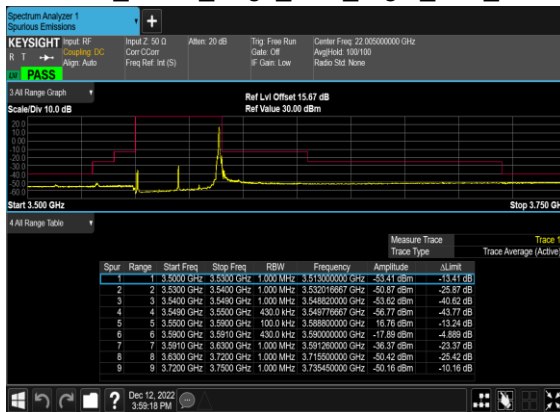
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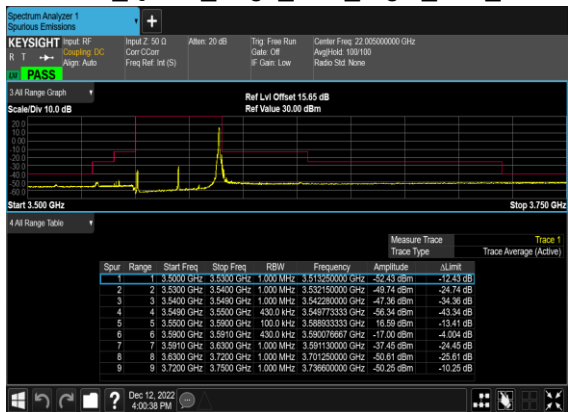
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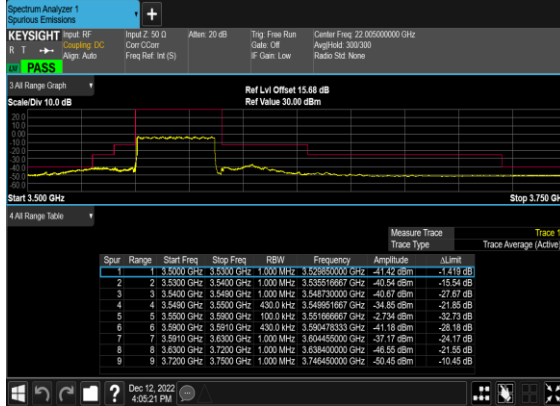
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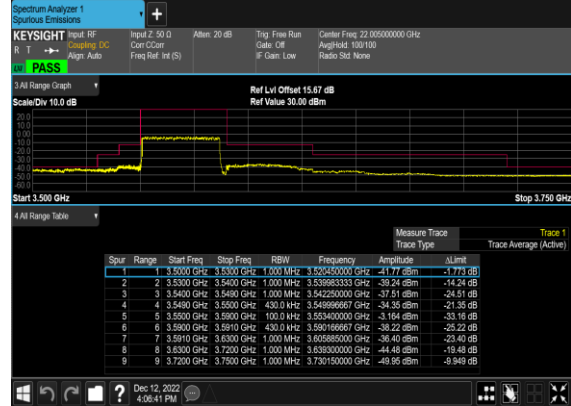
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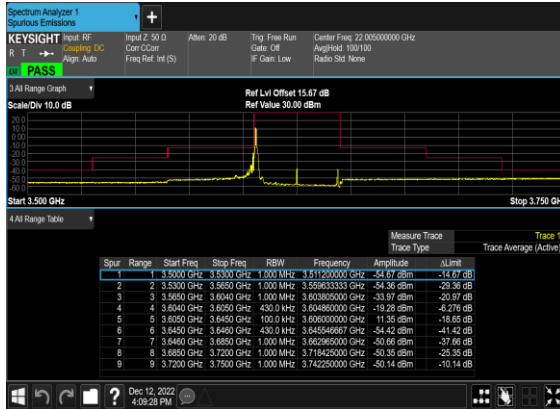
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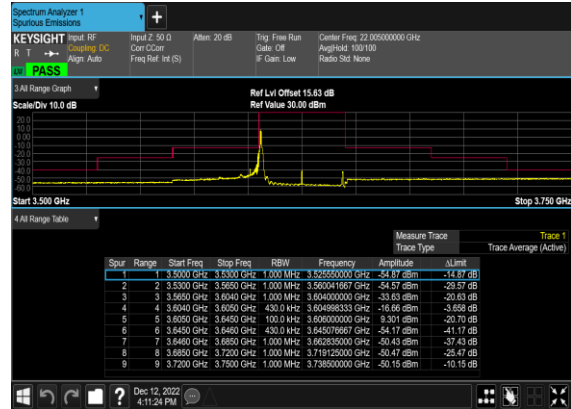
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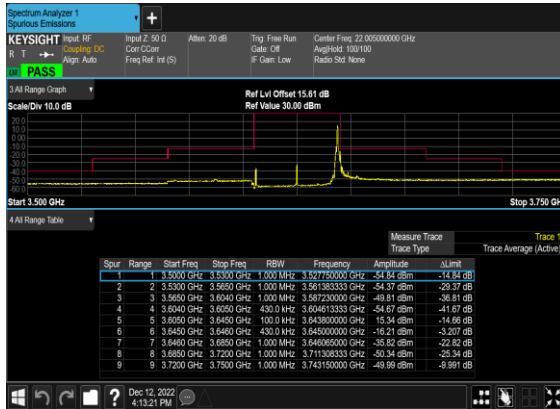
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



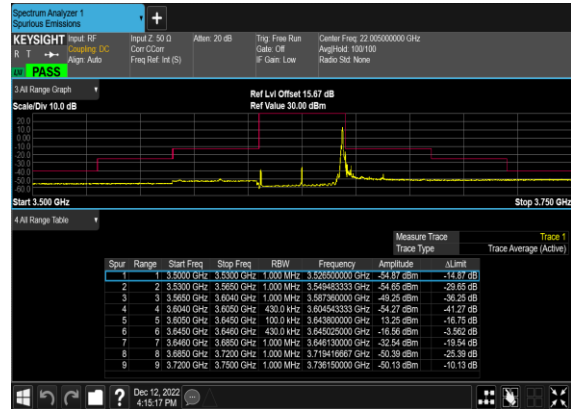
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N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_Mid_CH



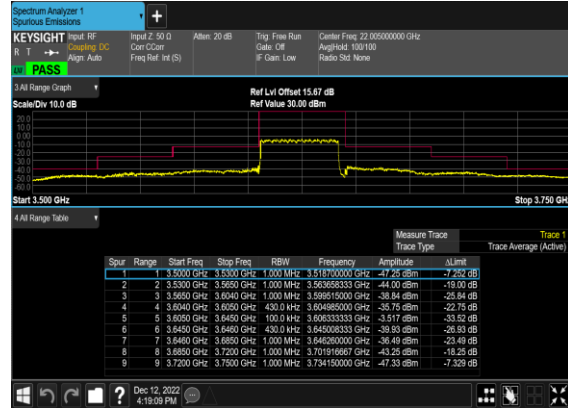
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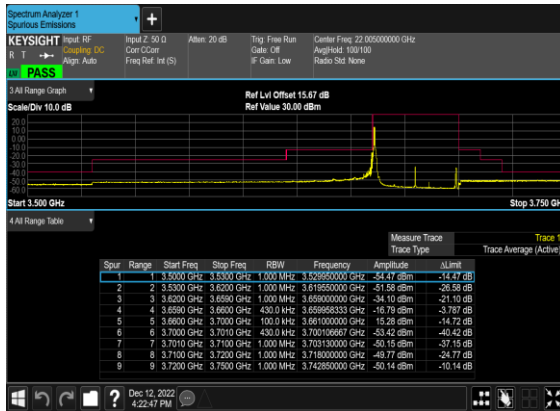
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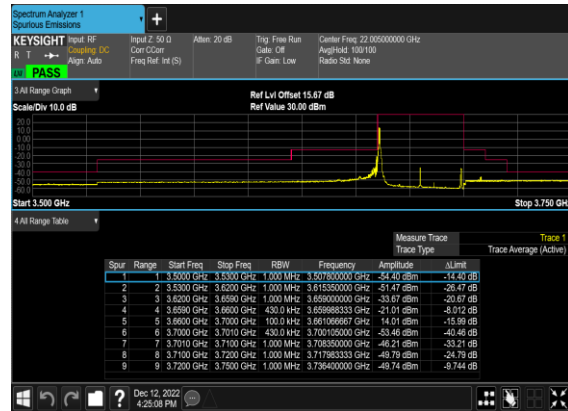
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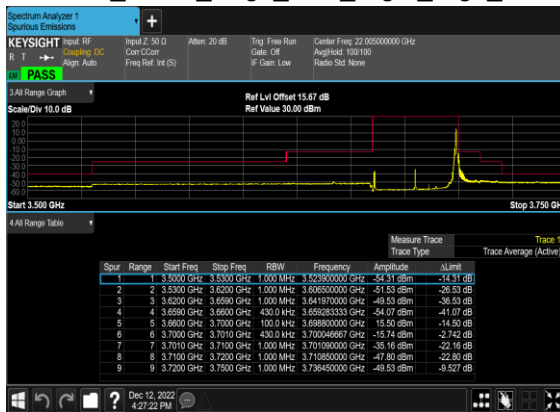
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



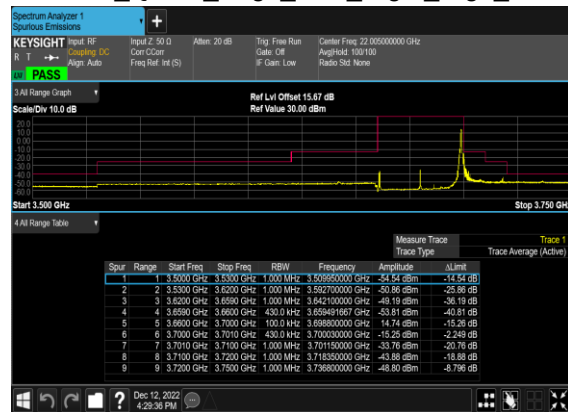
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



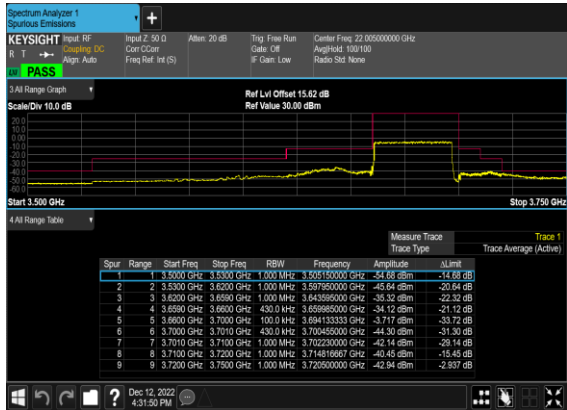
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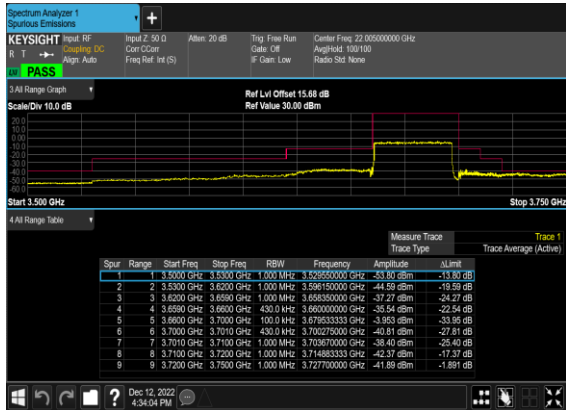
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N48 MIMO-ANT7

Transmitter Conducted Output Power And ERP/EIRP, ($G_T - L_C$)=-3.0dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	ANT8 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
48	30	10	637000	3555	CP-OFDM QPSK	1@1	18.21	18.03	21.13	18.13	0.0650
48	30	10	637000	3555	CP-OFDM 16 QAM	1@1	17.11	17.51	20.32	17.32	0.0540
48	30	10	641666	3624.99	CP-OFDM QPSK	1@1	18.69	17.41	21.11	18.11	0.0647
48	30	10	641666	3624.99	CP-OFDM 16 QAM	1@1	18.19	16.8	20.56	17.56	0.0570
48	30	10	646332	3694.98	CP-OFDM QPSK	1@1	18.39	16.76	20.66	17.66	0.0583
48	30	10	646332	3694.98	CP-OFDM 16 QAM	1@1	17.9	16.33	20.20	17.20	0.0525
48	30	20	637334	3560.01	CP-OFDM QPSK	1@1	18.34	17.12	20.78	17.78	0.0600
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@1	17.74	16.74	20.28	17.28	0.0535
48	30	20	641666	3624.99	CP-OFDM QPSK	1@1	18.53	17.14	20.90	17.90	0.0617
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@1	17.99	16.75	20.42	17.42	0.0552
48	30	20	646000	3690	CP-OFDM QPSK	1@1	18.83	17.14	21.08	18.08	0.0643
48	30	20	646000	3690	CP-OFDM 16 QAM	1@1	18	16.43	20.30	17.30	0.0537
48	30	40	638000	3570	CP-OFDM QPSK	53@26	18.71	17.5	21.16	18.16	0.0655
48	30	40	638000	3570	CP-OFDM QPSK	1@1	18.81	17.45	21.19	18.19	0.0659
48	30	40	638000	3570	CP-OFDM QPSK	1@104	18.73	16.84	20.90	17.90	0.0617
48	30	40	638000	3570	CP-OFDM 16 QAM	53@26	18.19	16.98	20.64	17.64	0.0581
48	30	40	638000	3570	CP-OFDM 16 QAM	1@1	18.17	17.06	20.66	17.66	0.0583
48	30	40	638000	3570	CP-OFDM 16 QAM	1@104	18.22	16.54	20.47	17.47	0.0558
48	30	40	638000	3570	CP-OFDM 64 QAM	53@26	16.74	15.53	19.19	16.19	0.0416
48	30	40	638000	3570	CP-OFDM 64 QAM	1@1	16.66	15.37	19.07	16.07	0.0405
48	30	40	638000	3570	CP-OFDM 64 QAM	1@104	16.72	14.51	18.76	15.76	0.0377
48	30	40	638000	3570	CP-OFDM 256 QAM	53@26	13.55	12.87	16.23	13.23	0.0210
48	30	40	638000	3570	CP-OFDM 256 QAM	1@1	13.65	12.8	16.26	13.26	0.0212
48	30	40	638000	3570	CP-OFDM 256 QAM	1@104	13.69	11.99	15.93	12.93	0.0196
48	30	40	641666	3624.99	CP-OFDM QPSK	53@26	18.75	17.5	21.18	18.18	0.0658
48	30	40	641666	3624.99	CP-OFDM QPSK	1@1	18.62	17.24	20.99	17.99	0.0630
48	30	40	641666	3624.99	CP-OFDM QPSK	1@104	18.78	16.99	20.99	17.99	0.0630
48	30	40	641666	3624.99	CP-OFDM 16 QAM	53@26	18.23	17.02	20.68	17.68	0.0586

48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@1	18.2	16.83	20.58	17.58	0.0573
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@104	18.44	16.49	20.58	17.58	0.0573
48	30	40	641666	3624.99	CP-OFDM 64 QAM	53@26	16.83	15.52	19.23	16.23	0.0420
48	30	40	641666	3624.99	CP-OFDM 64 QAM	1@1	16.48	15.35	18.96	15.96	0.0394
48	30	40	641666	3624.99	CP-OFDM 64 QAM	1@104	16.62	15.06	18.92	15.92	0.0391
48	30	40	641666	3624.99	CP-OFDM 256 QAM	53@26	13.71	12.88	16.33	13.33	0.0215
48	30	40	641666	3624.99	CP-OFDM 256 QAM	1@1	13.57	12.73	16.18	13.18	0.0208
48	30	40	641666	3624.99	CP-OFDM 256 QAM	1@104	13.57	12.55	16.10	13.10	0.0204
48	30	40	645332	3679.98	CP-OFDM QPSK	53@26	18.46	17.24	20.90	17.90	0.0617
48	30	40	645332	3679.98	CP-OFDM QPSK	1@1	18.28	17.21	20.79	17.79	0.0601
48	30	40	645332	3679.98	CP-OFDM QPSK	1@104	18.42	17.04	20.79	17.79	0.0601
48	30	40	645332	3679.98	CP-OFDM 16 QAM	53@26	17.97	16.75	20.41	17.41	0.0551
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@1	18.08	16.61	20.42	17.42	0.0552
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@104	17.88	16.59	20.29	17.29	0.0536
48	30	40	645332	3679.98	CP-OFDM 64 QAM	53@26	16.49	15.24	18.92	15.92	0.0391
48	30	40	645332	3679.98	CP-OFDM 64 QAM	1@1	16.39	15.05	18.78	15.78	0.0378
48	30	40	645332	3679.98	CP-OFDM 64 QAM	1@104	16.14	15.12	18.67	15.67	0.0369
48	30	40	645332	3679.98	CP-OFDM 256 QAM	53@26	13.38	12.64	16.04	13.04	0.0201
48	30	40	645332	3679.98	CP-OFDM 256 QAM	1@1	13.67	12.33	16.06	13.06	0.0202
48	30	40	645332	3679.98	CP-OFDM 256 QAM	1@104	13.54	12.45	16.04	13.04	0.0201

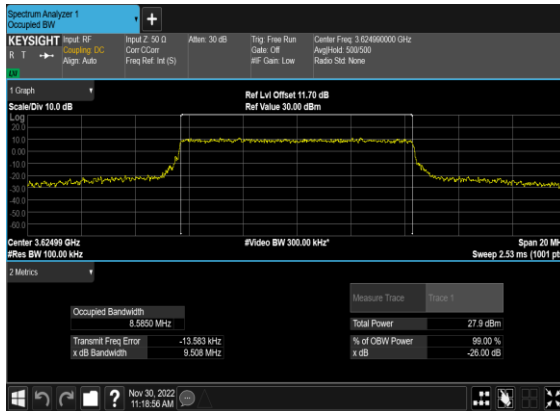
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0025	PASS	NV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0021	PASS	LV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0032	PASS	HV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0027	PASS	-30°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0051	PASS	-20°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0041	PASS	-10°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0035	PASS	0°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0055	PASS	10°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0025	PASS	20°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0056	PASS	30°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0024	PASS	40°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0027	PASS	50°C

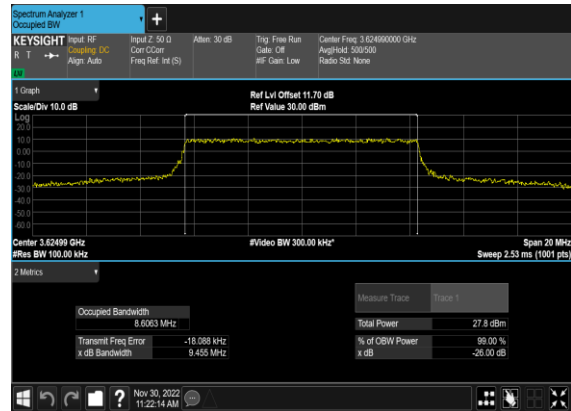
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	8.585	9.508
48	30	10	641666	3624.99	CP-OFDM 16 QAM	24@0	8.6063	9.455
48	30	10	641666	3624.99	CP-OFDM 64 QAM	24@0	8.5706	9.291
48	30	10	641666	3624.99	CP-OFDM 256 QAM	24@0	8.5583	9.335
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	18.205	19.4
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	18.21	19.49
48	30	20	641666	3624.99	CP-OFDM 64 QAM	51@0	18.196	19.33
48	30	20	641666	3624.99	CP-OFDM 256 QAM	51@0	18.192	19.43
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	37.825	39.52
48	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	37.815	39.47
48	30	40	641666	3624.99	CP-OFDM 64 QAM	106@0	37.821	39.42
48	30	40	641666	3624.99	CP-OFDM 256 QAM	106@0	37.773	39.4

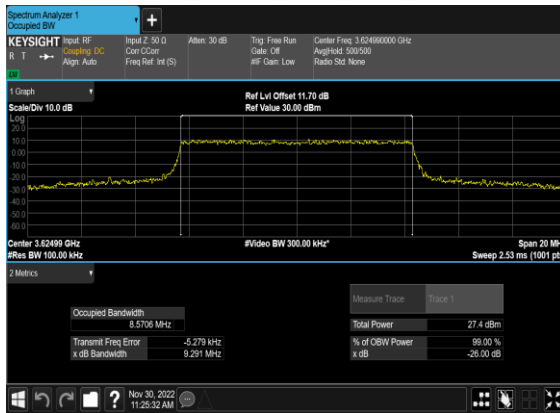
N48(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



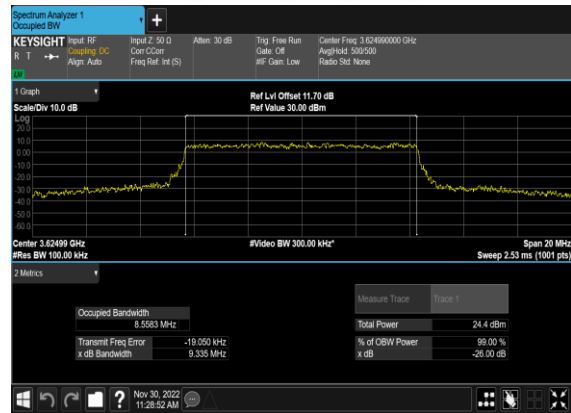
N48(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



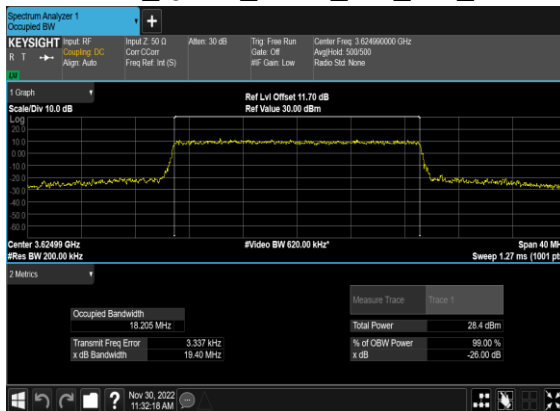
N48(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



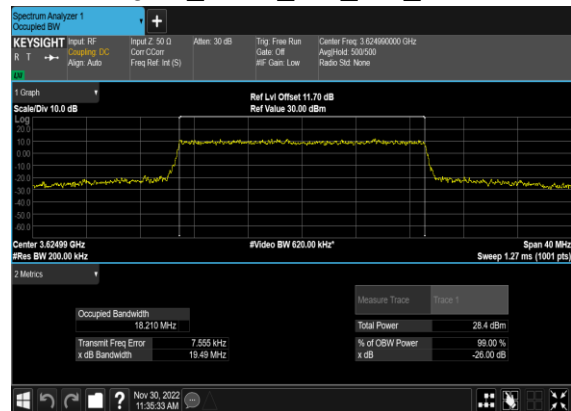
N48(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



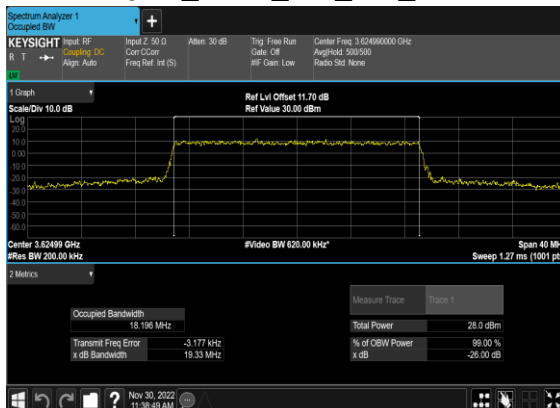
N48(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



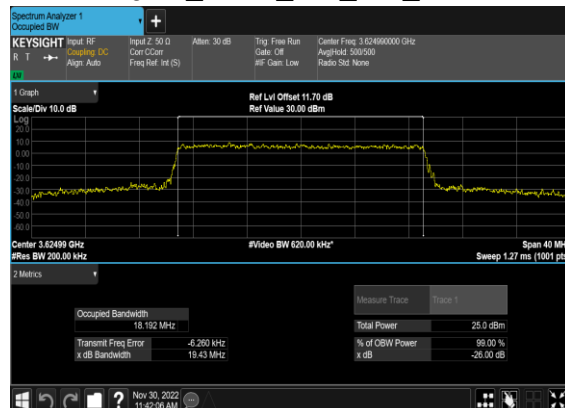
N48(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



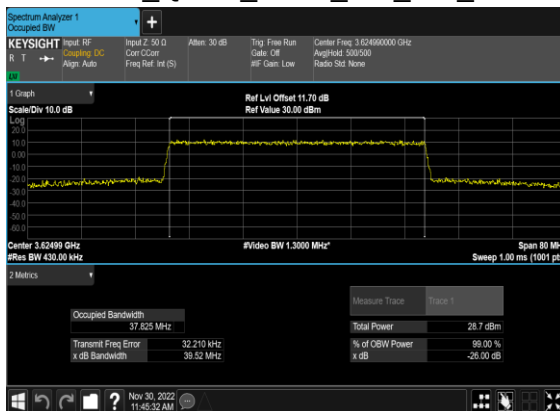
N48(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



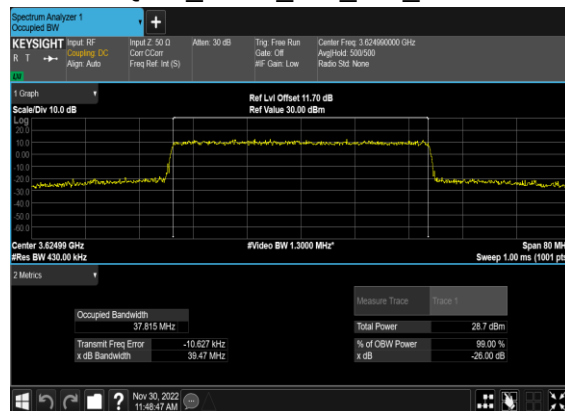
N48(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



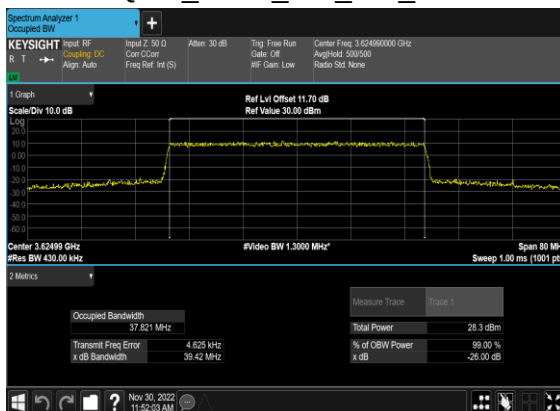
N48(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



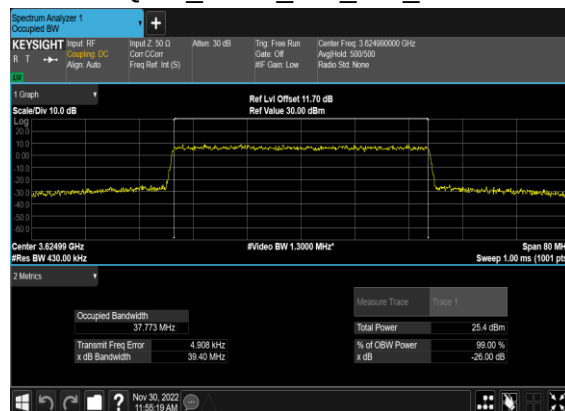
N48(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

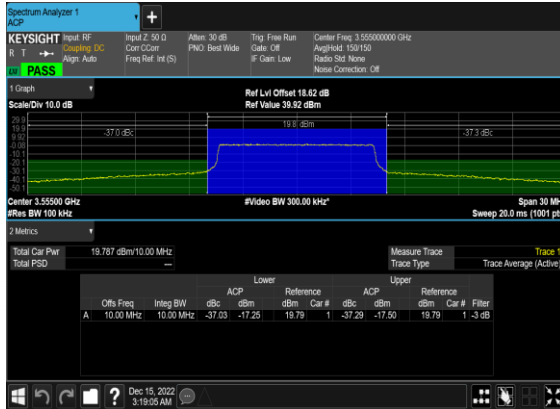


Adjacent Channel Leakage Ratio

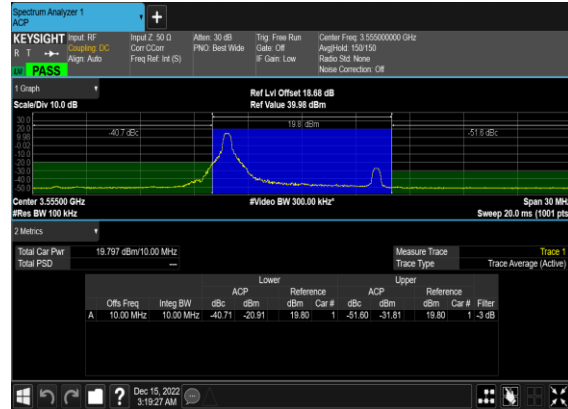
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Lower Margin	Upper Margin	Result	Verdict
48	30	10	637000	3555.0	CP-OFDM QPSK	24@0	-7.03	-7.29	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	1@0	-10.71	-21.6	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	1@23	-21.66	-11.59	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	-10.78	-11.38	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@0	-12.2	-18.98	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@23	-17.76	-11.27	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	24@0	-12.45	-12.96	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@0	-10.66	-17.48	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@23	-16.94	-10.75	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	-6.63	-7.05	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	-12.47	-19.28	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	-19.27	-12.56	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	-9.45	-9.44	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	-9.89	-14.74	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@50	-15.44	-11.31	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	51@0	-10.65	-10.79	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	-11.14	-14.66	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@50	-14.41	-10.66	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	106@0	-7.02	-6.75	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	-10.96	-12.1	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@105	-11.55	-10.32	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	-8.59	-8.56	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	-9.27	-10.16	see graph	PASS

48	30	40	641666	3624.99	CP-OFDM QPSK	1@105	-12.31	-10.51	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	-9.93	-9.6	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	-10.32	-10.63	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@105	-10.71	-9.33	see graph	PASS

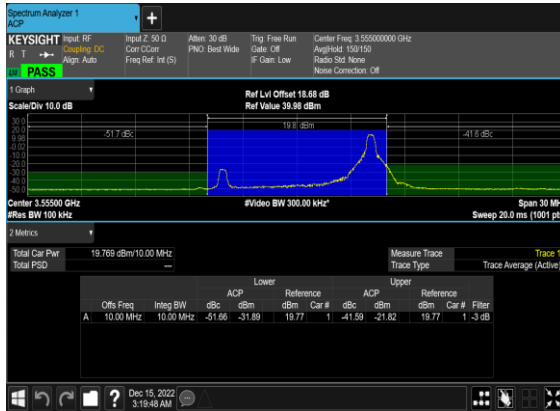
N48(10M)_ CP-OFDM
_QPSK_Outer_Full_Low_CH



N48(10M)_ CP-OFDM
_QPSK_Edge_1RB_Left_Low_CH



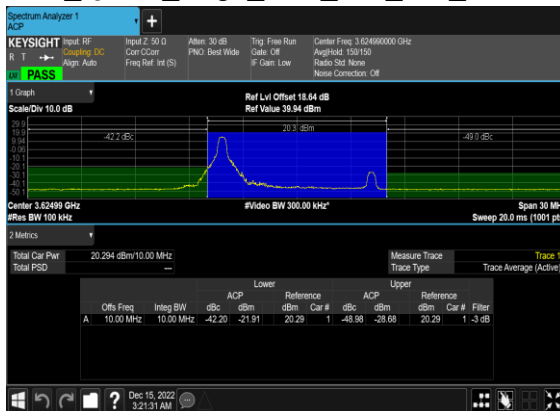
N48(10M)_ CP-OFDM
_QPSK_Edge_1RB_Right_Low_CH



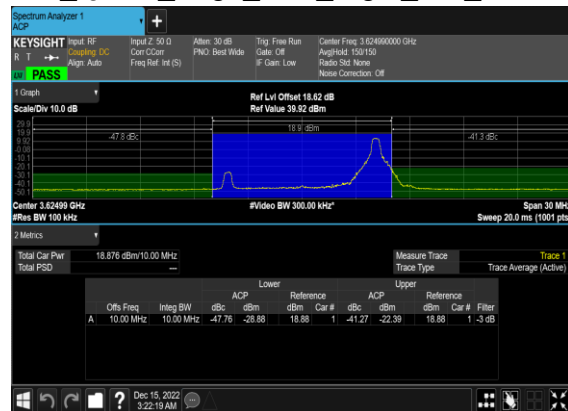
N48(10M)_ CP-OFDM
_QPSK_Outer_Full_Mid_CH



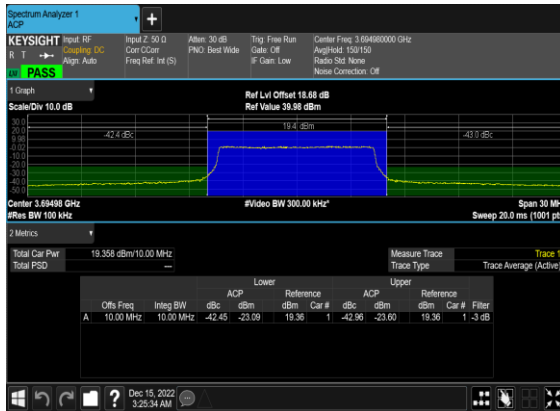
N48(10M)_ CP-OFDM
_QPSK_Edge_1RB_Left_Mid_CH



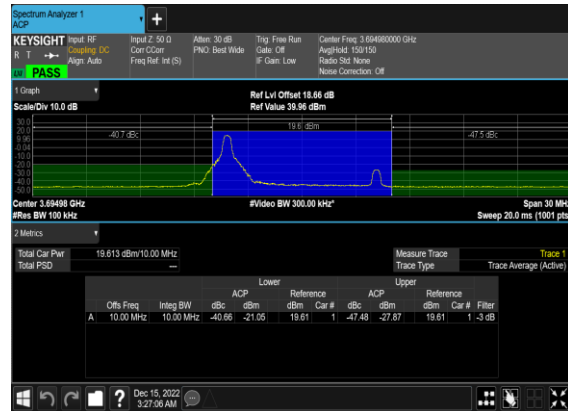
N48(10M)_ CP-OFDM
_QPSK_Edge_1RB_Right_Mid_CH



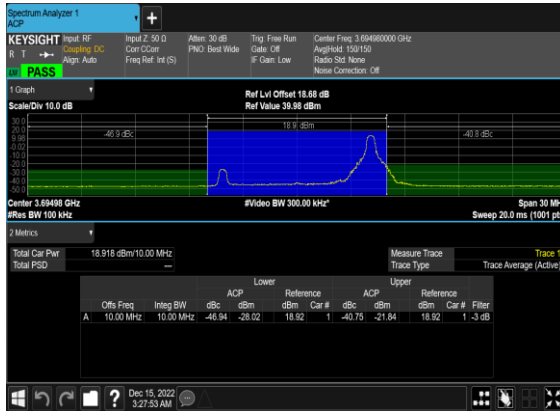
N48(10M)_ CP-OFDM
_QPSK_Outer_Full_High_CH



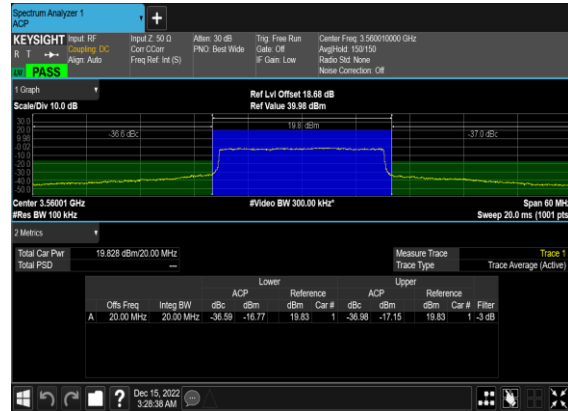
N48(10M)_ CP-OFDM
_QPSK_Edge_1RB_Left_High_CH



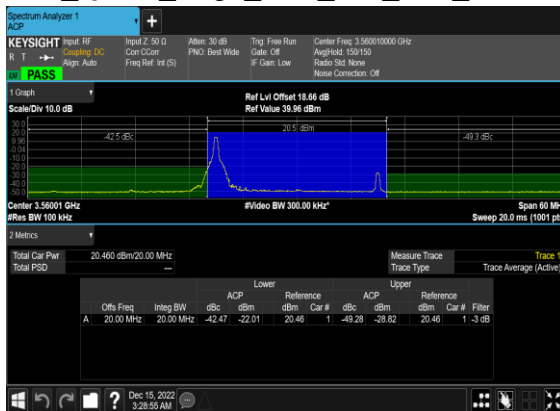
N48(10M)_ CP-OFDM
_QPSK_Edge_1RB_Right_High_CH



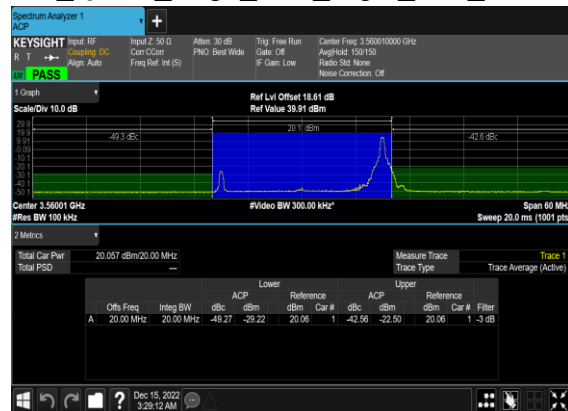
N48(20M)_ CP-OFDM
_QPSK_Outer_Full_Low_CH



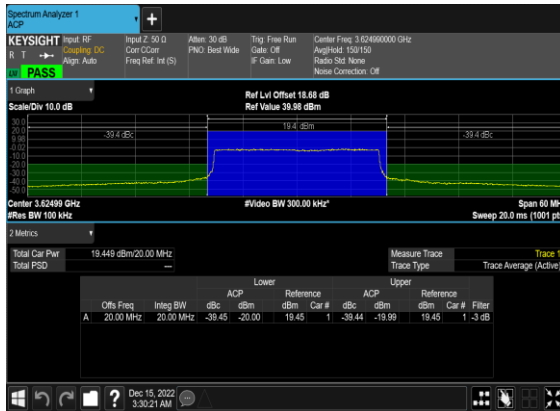
N48(20M)_ CP-OFDM
_QPSK_Edge_1RB_Left_Low_CH



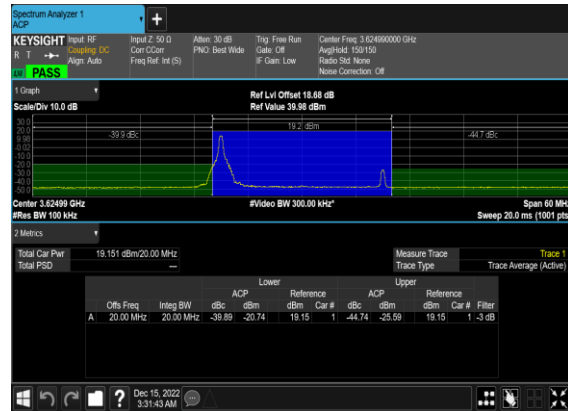
N48(20M)_ CP-OFDM
_QPSK_Edge_1RB_Right_Low_CH



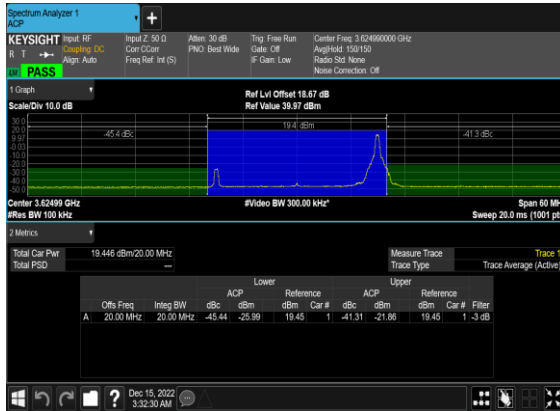
N48(20M)_ CP-OFDM
_QPSK_Outer_Full_Mid_CH



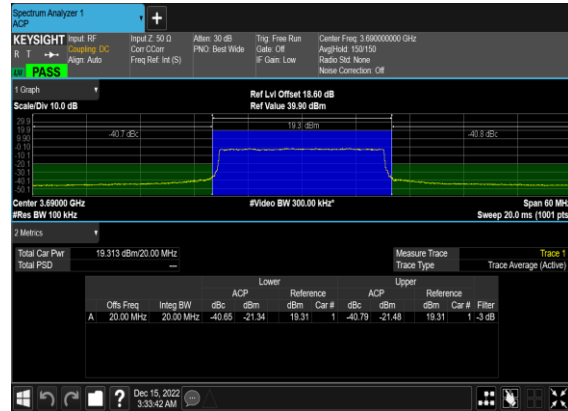
N48(20M)_ CP-OFDM
_QPSK_Edge_1RB_Left_Mid_CH



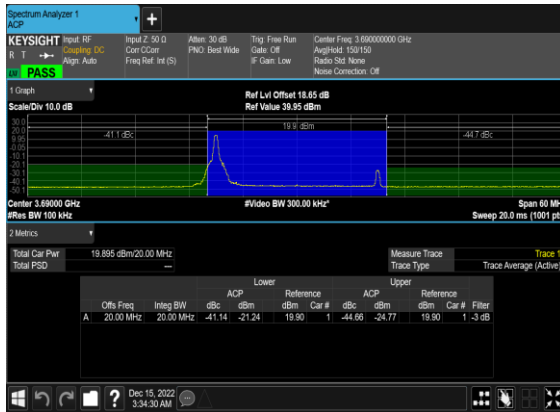
N48(20M)_ CP-OFDM
_QPSK_Edge_1RB_Right_Mid_CH



N48(20M)_ CP-OFDM
_QPSK_Outer_Full_High_CH



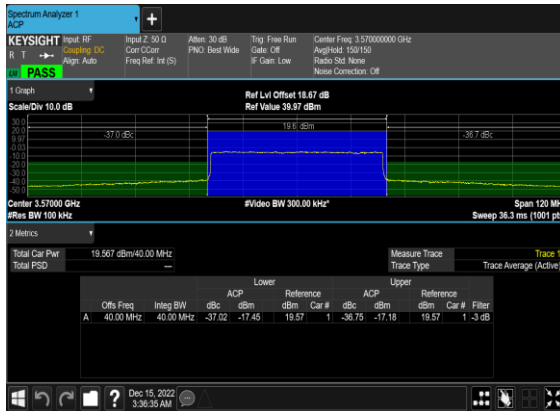
N48(20M)_ CP-OFDM
_QPSK_Edge_1RB_Left_High_CH



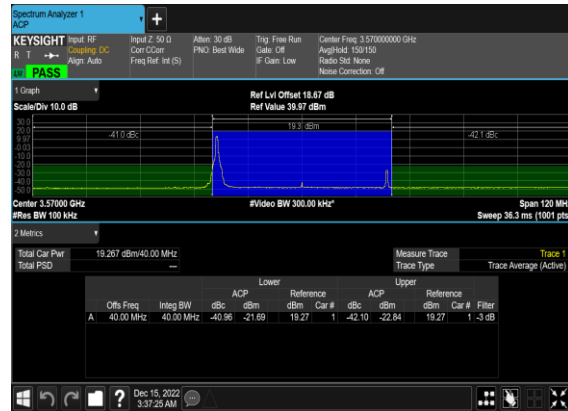
N48(20M)_ CP-OFDM
_QPSK_Edge_1RB_Right_High_CH



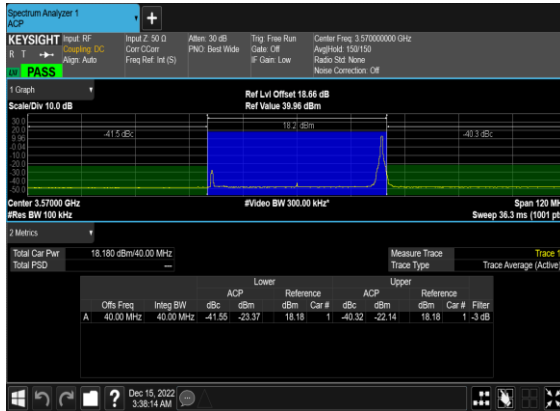
N48(40M)_ CP-OFDM
_QPSK_Outer_Full_Low_CH



N48(40M)_ CP-OFDM
_QPSK_Edge_1RB_Left_Low_CH



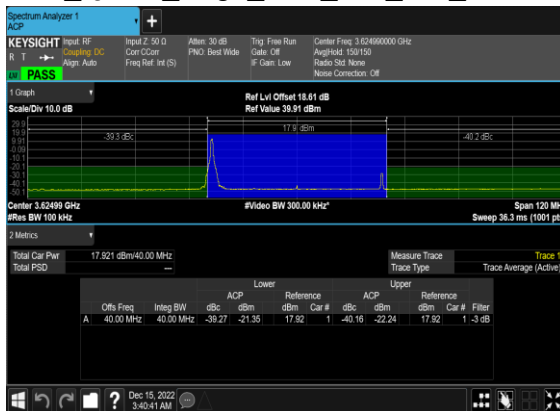
N48(40M)_ CP-OFDM
_QPSK_Edge_1RB_Right_Low_CH



N48(40M)_ CP-OFDM
_QPSK_Outer_Full_Mid_CH



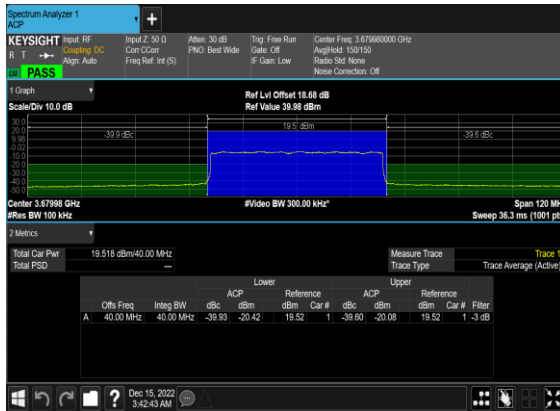
N48(40M)_ CP-OFDM
_QPSK_Edge_1RB_Left_Mid_CH



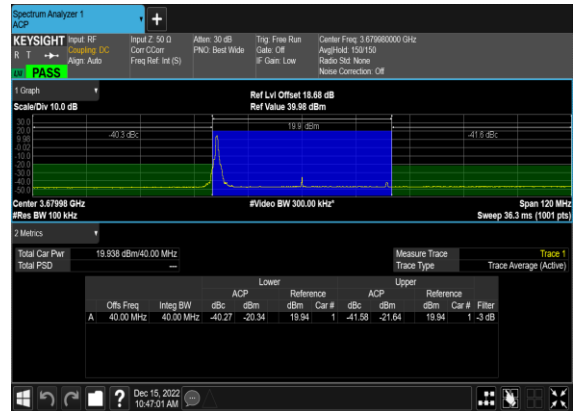
N48(40M)_ CP-OFDM
_QPSK_Edge_1RB_Right_Mid_CH



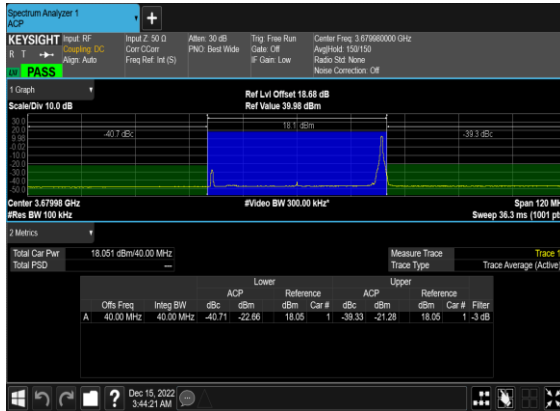
N48(40M)_ CP-OFDM _QPSK_Outer_Full_High_CH



N48(40M)_ CP-OFDM _QPSK_Edge_1RB_Left_High_CH



N48(40M)_ CP-OFDM _QPSK_Edge_1RB_Right_High_CH



Conducted Spurious Emissions

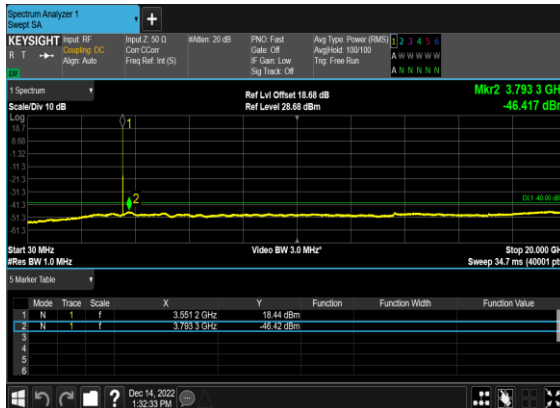
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	10	637000	3555.0	CP-OFDM QPSK	1@0	see graph	---
48	30	10	637000	3555.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	1@23	see graph	---
48	30	10	637000	3555.0	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	24@0	see graph	---
48	30	10	637000	3555.0	CP-OFDM QPSK	24@0	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	24@0	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@0	see graph	---
48	30	10	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@23	see graph	---
48	30	10	641666	3624.99	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	see graph	---
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@0	see graph	---
48	30	10	646332	3694.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@23	see graph	---

48	30	10	646332	3694.98	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	24@0	see graph	---
48	30	10	646332	3694.98	CP-OFDM QPSK	24@0	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	24@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	see graph	---
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	see graph	---
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	see graph	---
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	see graph	---
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@50	see graph	---
48	30	20	641666	3624.99	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	see graph	---
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	see graph	---

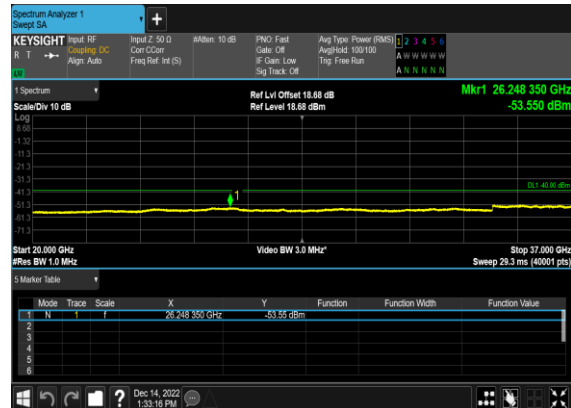
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@50	see graph	---
48	30	20	646000	3690.0	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	51@0	see graph	---
48	30	20	646000	3690.0	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	51@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	see graph	---
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@105	see graph	---
48	30	40	638000	3570.0	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	106@0	see graph	---
48	30	40	638000	3570.0	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	see graph	---
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@105	see graph	---
48	30	40	641666	3624.99	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	see graph	---

48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	see graph	---
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@105	see graph	---
48	30	40	645332	3679.98	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	see graph	---
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	see graph	---
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	see graph	PASS

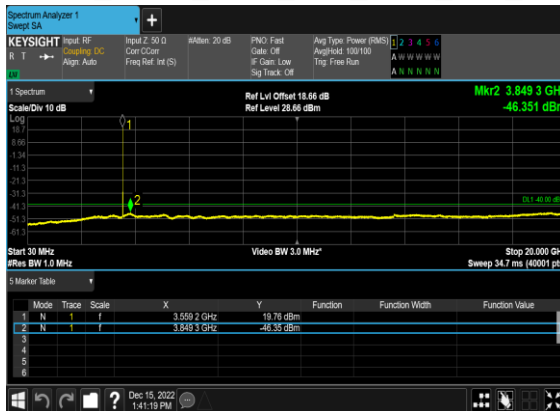
N48(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



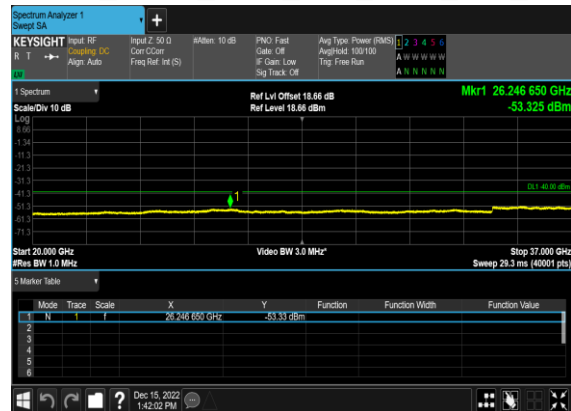
N48(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N48(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

