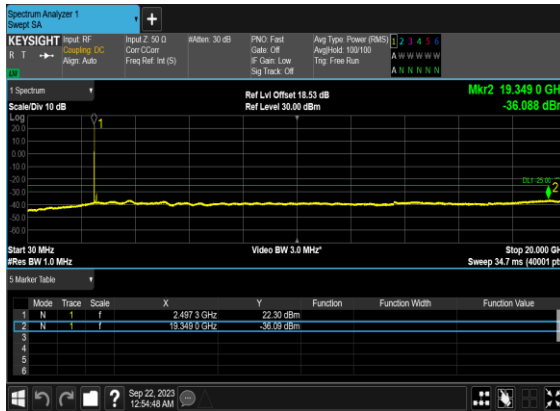
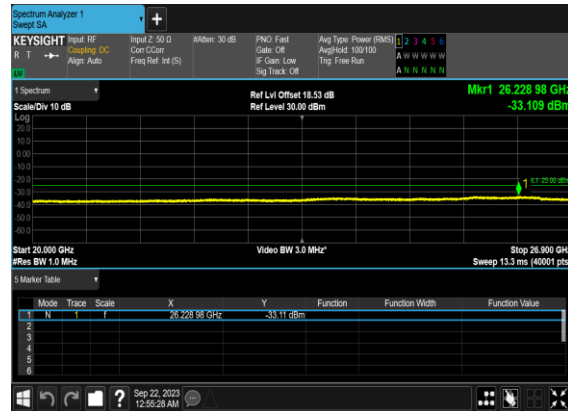


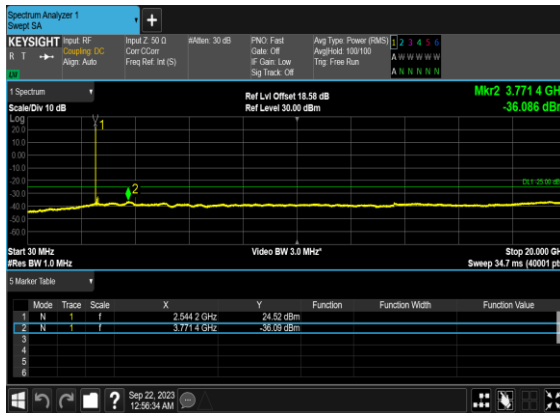
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



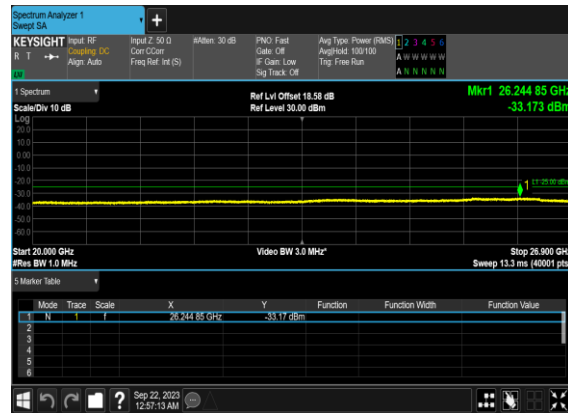
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



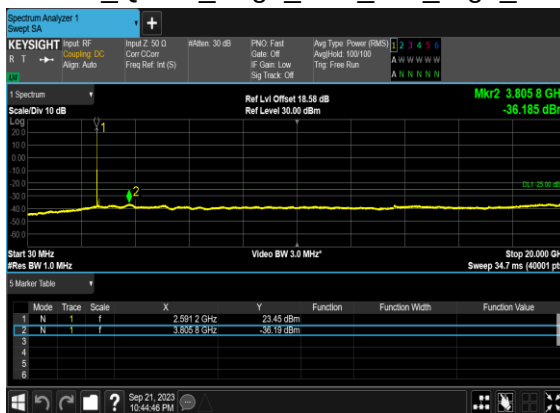
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N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



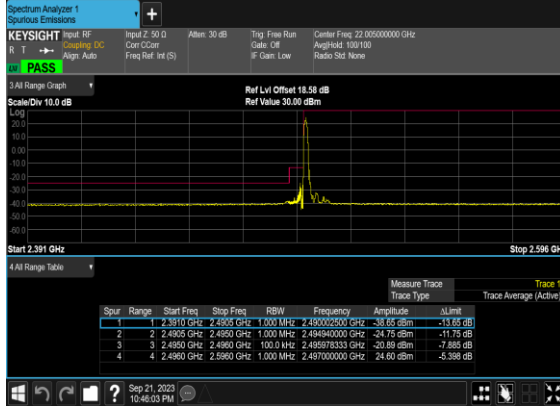
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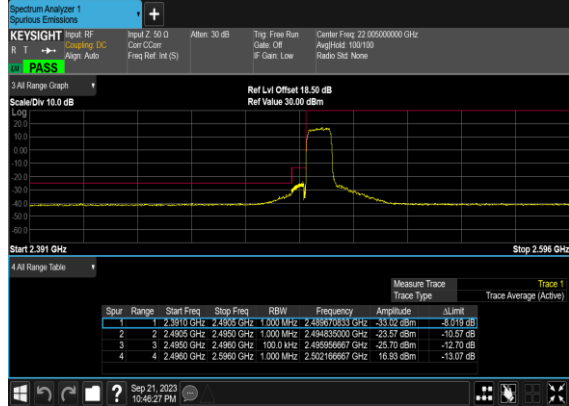
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	133@0	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	133@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	273@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	273@0	see graph	PASS

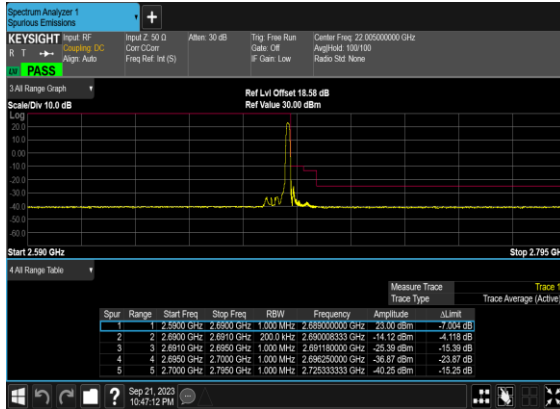
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



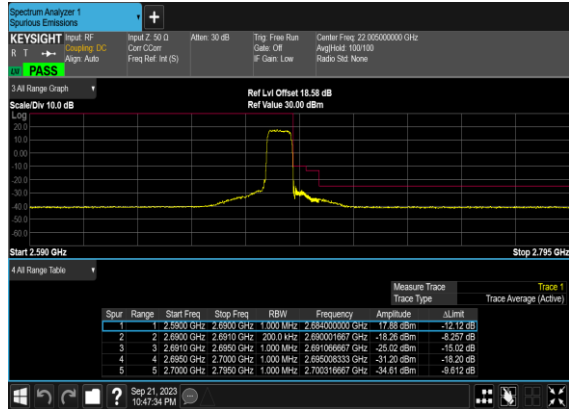
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



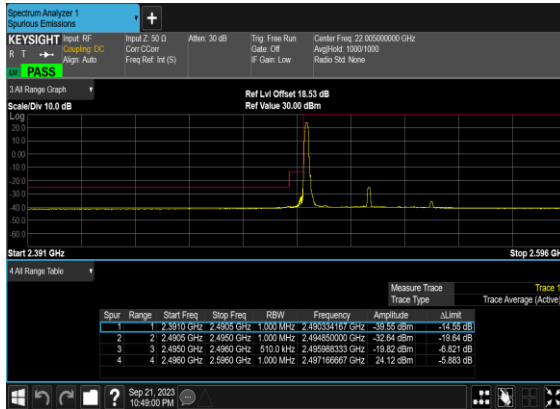
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



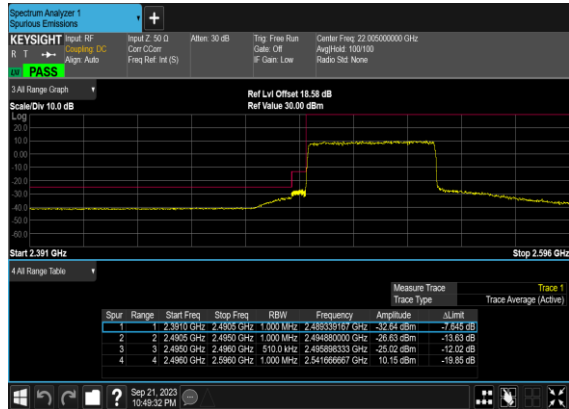
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OFDM_QPSK_Outer_Full_High_CH



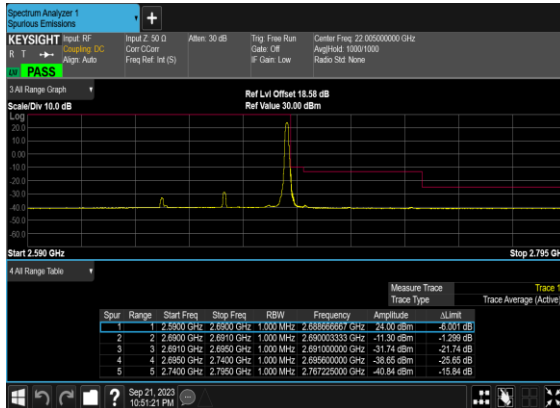
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OFDM_QPSK_Edge_1RB_Left_Low_CH



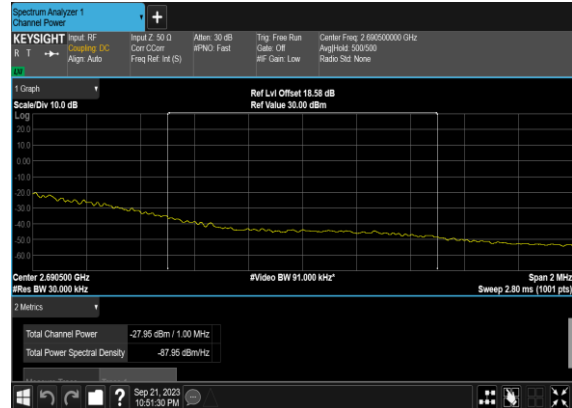
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OFDM_QPSK_Outer_Full_Low_CH



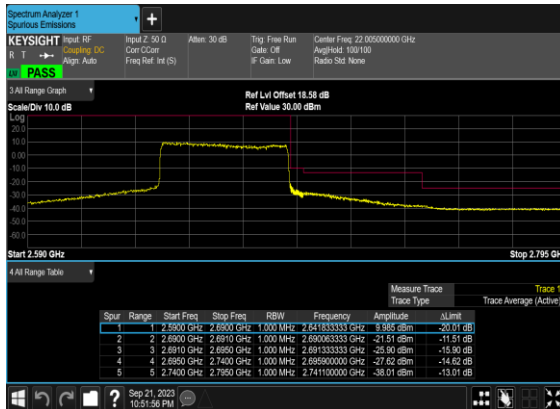
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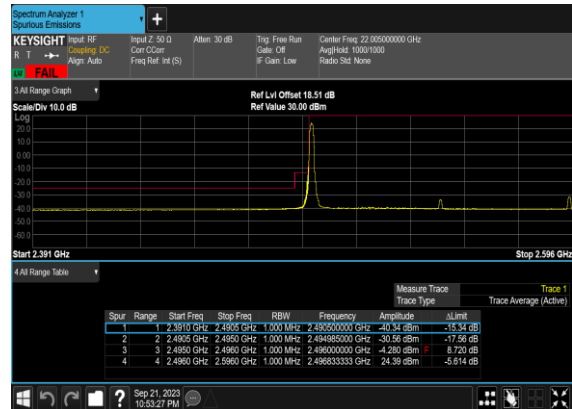
N41(50M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH_chp _PASS



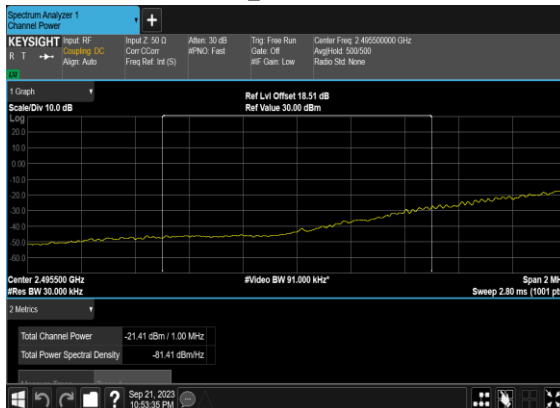
N41(50M)_CP- OFDM_QPSK_Outer_Full_High_CH



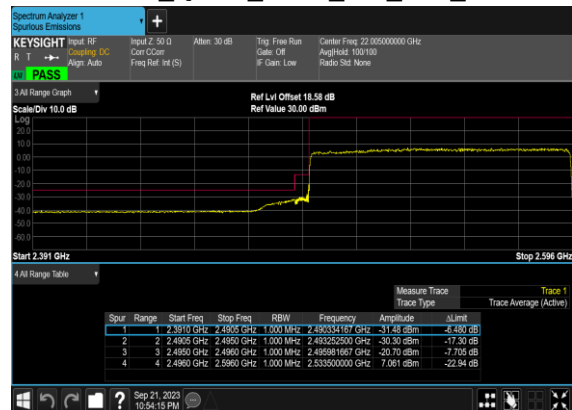
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



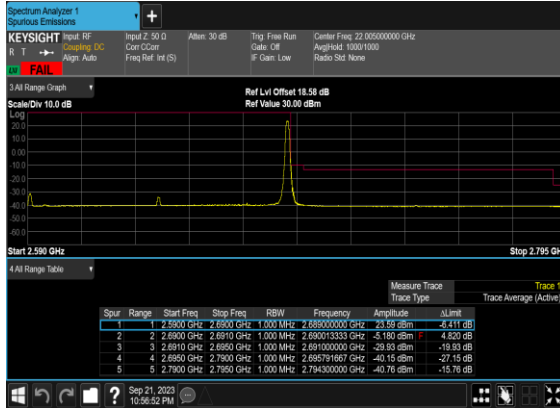
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH_chp _PASS



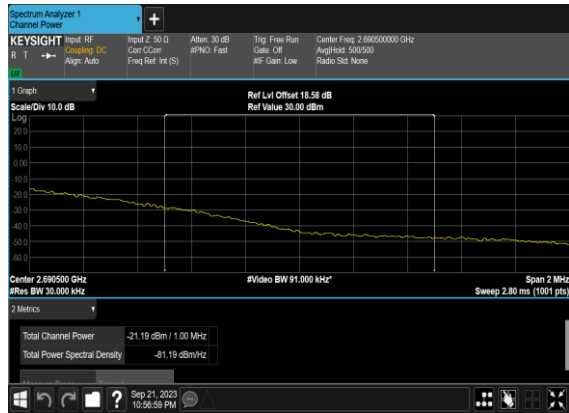
N41(100M)_CP- OFDM_QPSK_Outer_Full_Low_CH



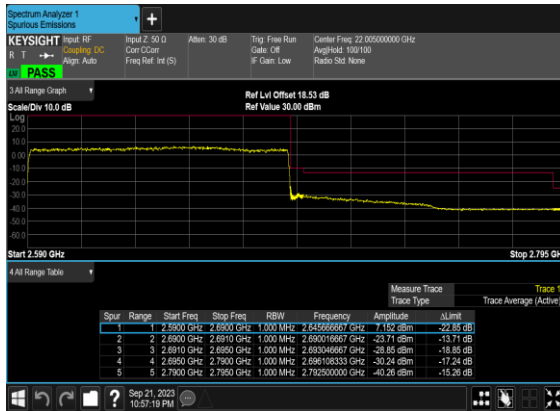
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH_CHP _PASS



N41(100M)_CP- OFDM_QPSK_Outer_Full_High_CH



FR1 N41 MIMO-ANT6

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0030	PASS	NV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0047	PASS	LV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0027	PASS	HV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0068	PASS	-30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0033	PASS	-20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0047	PASS	-10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0033	PASS	0°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0070	PASS	10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0030	PASS	20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0030	PASS	30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0041	PASS	40°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0062	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	9.7	13	PASS
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	10.43	13	PASS

Keysight Spectrum Analyzer 1
Power Stat CCDF

KEYSTREAM Input: RF
R T → Coupling: DC
Agn: Auto

Input Z: 50 Ω
Corr: Off
Ref: Ref. Int (S)

Att: 30 dB
Trig: RF Burst
Trig Delay: 500.0 μs
μF: Gain: Low
Center Freq: 2.562660000 GHz
Span: 1.00 M 100 Mpt
Radio Std: None

1 Meters

Average Power

21.79 dBm
30.91 % at 0 dB
10.0 % 5.13 dB
1.0 % 8.79 dB
0.1 % 9.70 dB
0.01 % 8.89 dB
0.001 % 9.99 dB
0.0001 % 10.06 dB

Peak

11.11 dB
31.90 dBm

2 Graph
Gaussian

100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
0.00 dB

25.000 MHz

20.00 dB

Info BW 25.000 MHz

Sep 21, 2023
11:00:55 PM

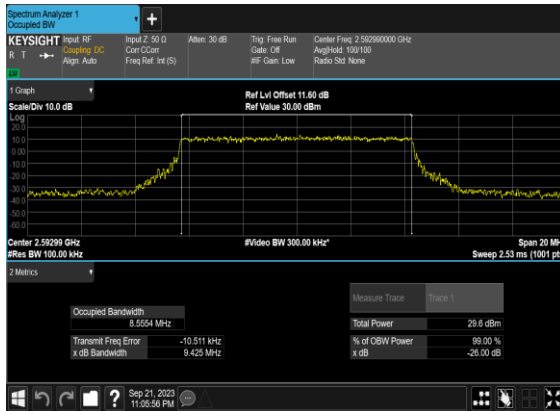


Occupied Bandwidth

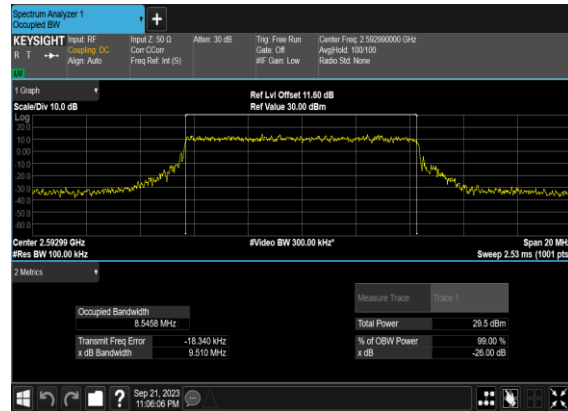
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5554	9.425
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5458	9.51
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5358	9.571
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5706	9.543
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.549	14.71
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.587	14.87
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.553	14.39
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.6	14.72
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.152	19.6
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.175	19.43
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.221	19.39
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.204	19.25
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.843	29.09
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.803	29.38
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.776	29.2
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.874	29.19
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.839	39.92
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.88	39.74
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.842	39.76
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.839	39.55
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.433	49.29
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.381	49.21
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.563	49.67
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.475	49.49
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.785	60.25

41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.852	59.73
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.959	59.83
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.913	59.69
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.496	69.83
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.505	69.53
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.336	69.73
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.496	69.44
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.518	79.92
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.533	79.92
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.264	80.14
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.591	79.86
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.432	90.25
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.684	90.11
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.466	90.51
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.52	90.19
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.429	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.625	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.365	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.188	100.4

N41(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



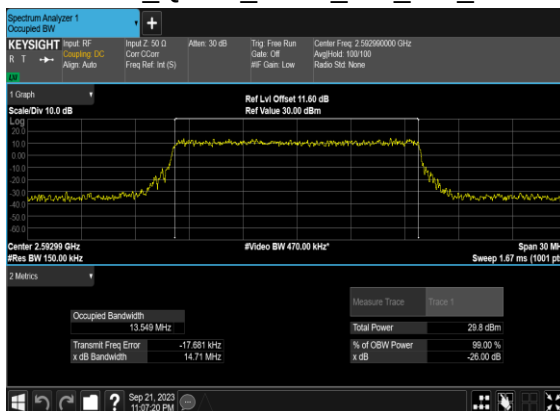
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QAM_Outer_Full_Mid_CH



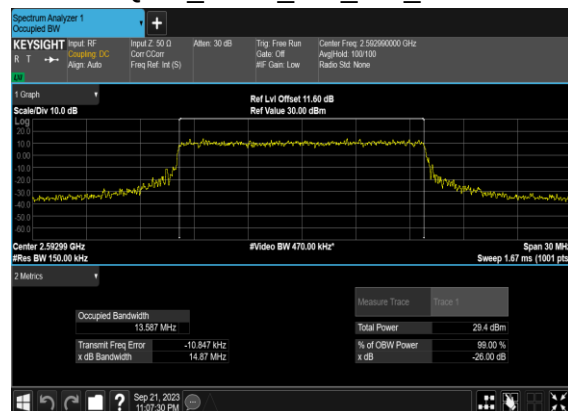
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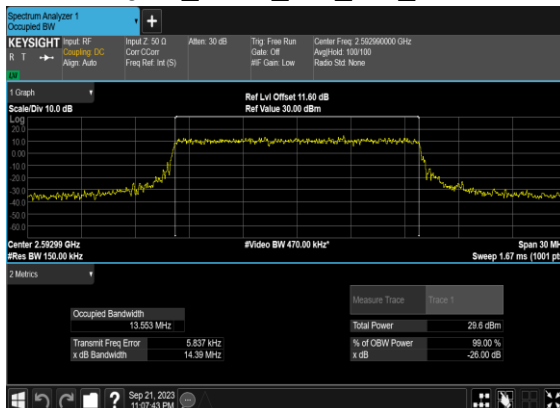
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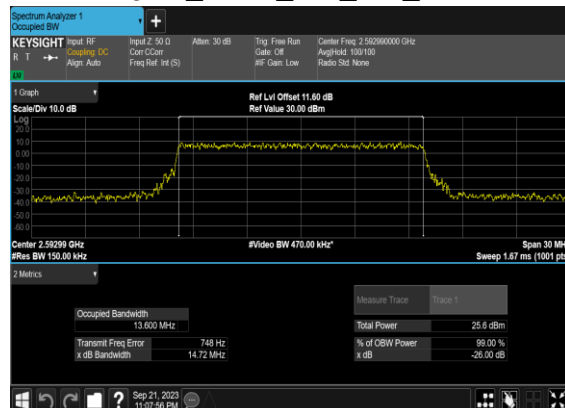
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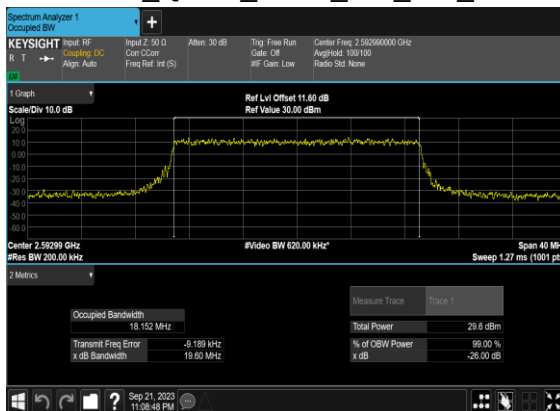
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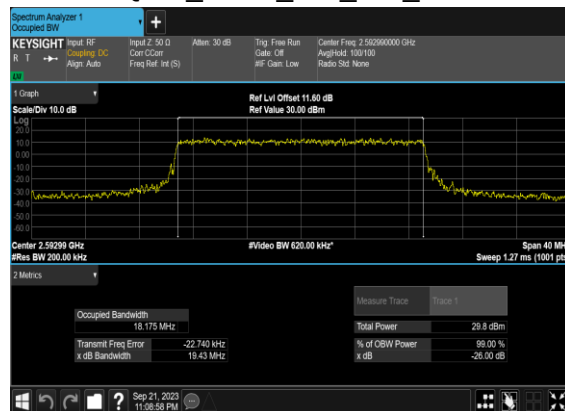
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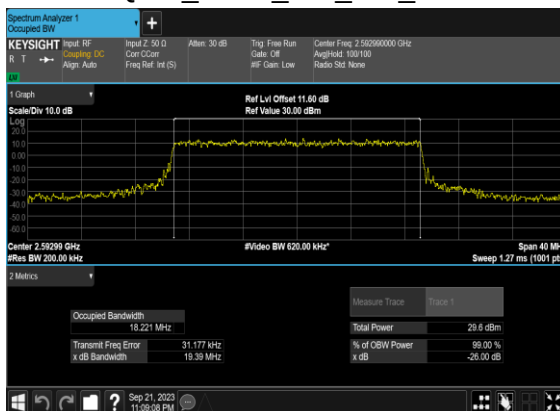
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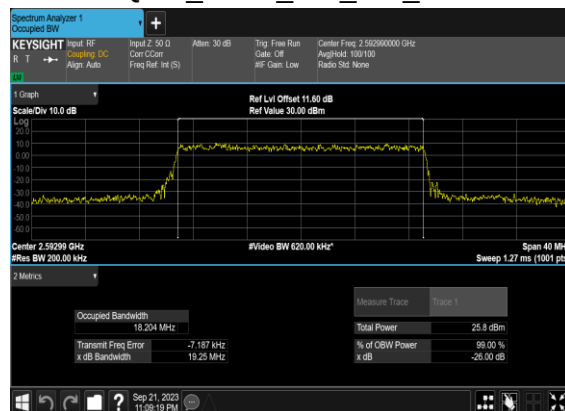
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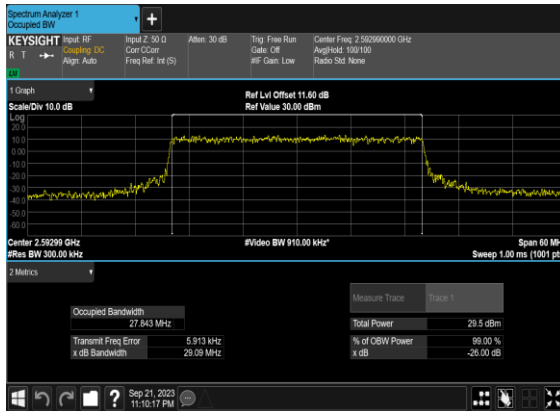
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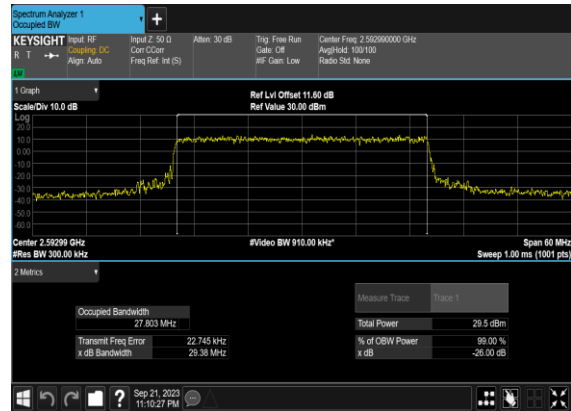
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QAM_Outer_Full_Mid_CH



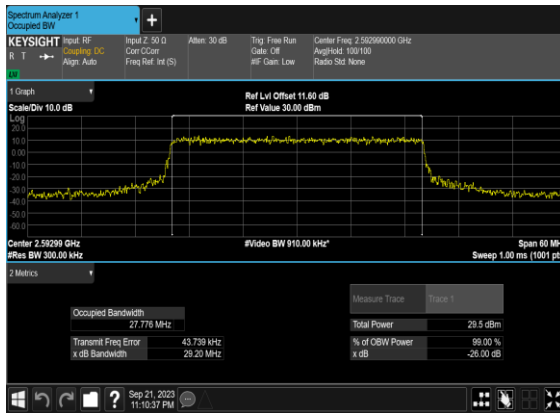
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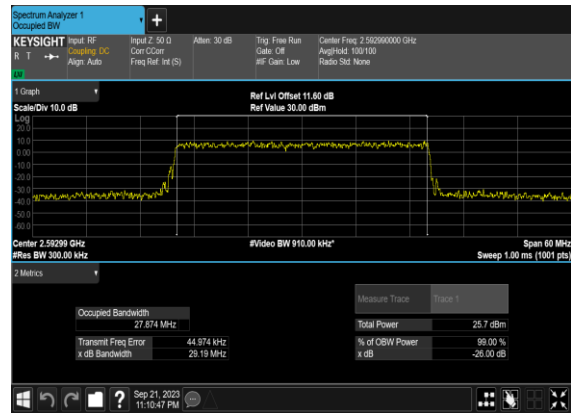
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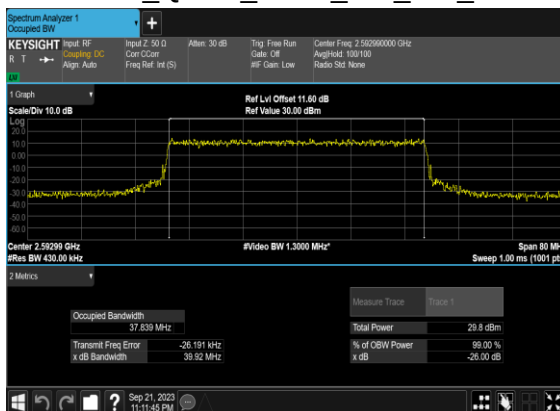
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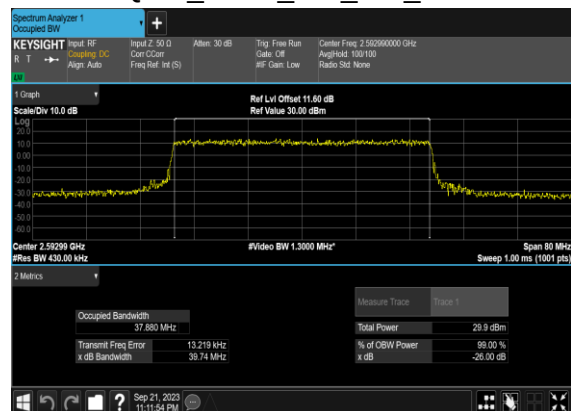
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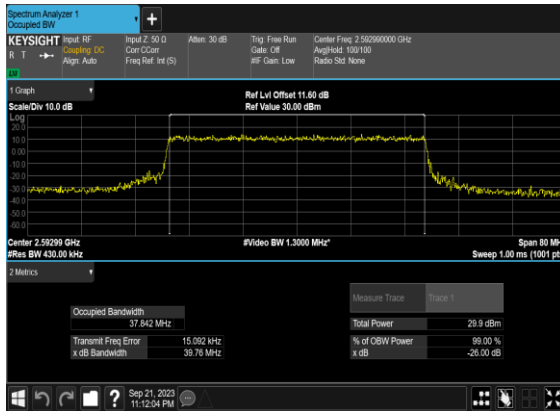
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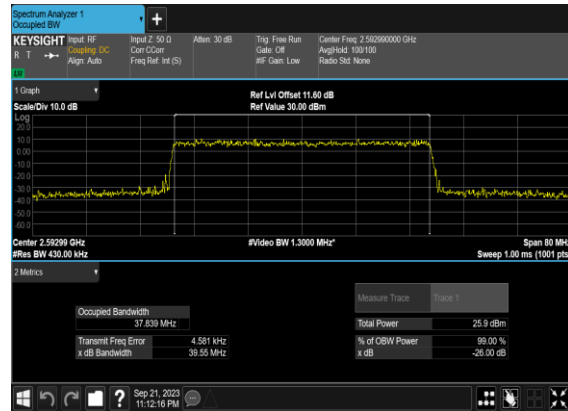
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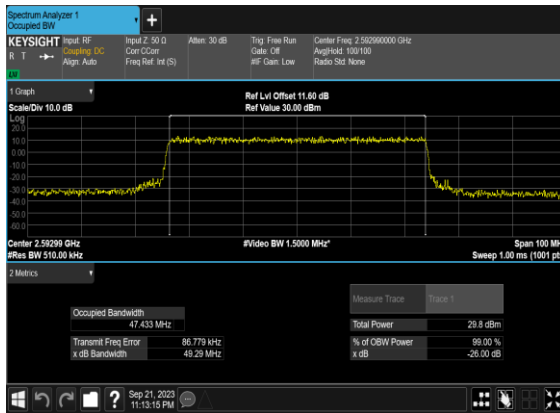
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QAM_Outer_Full_Mid_CH



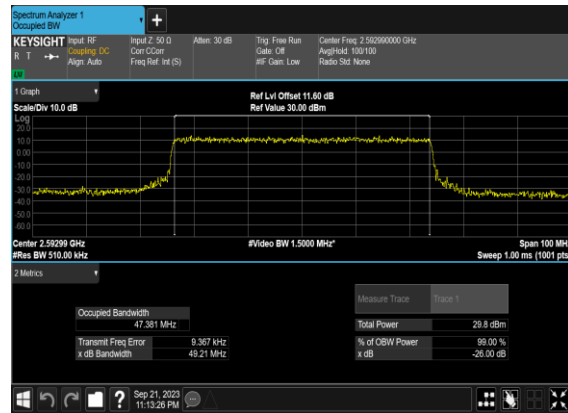
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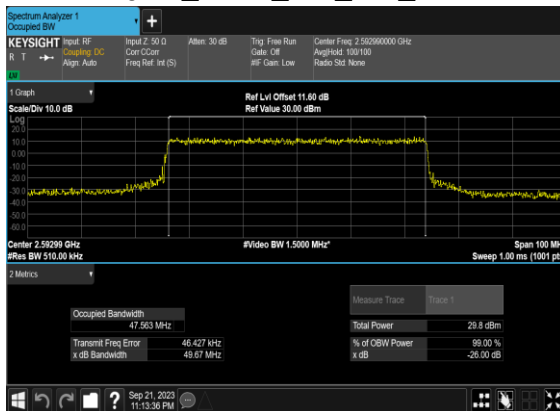
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OFDM_QPSK_Outer_Full_Mid_CH



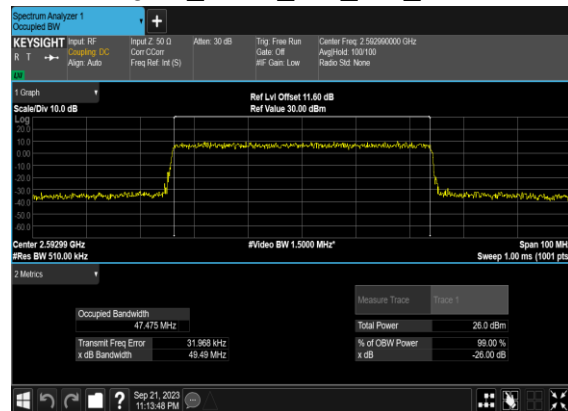
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QAM_Outer_Full_Mid_CH



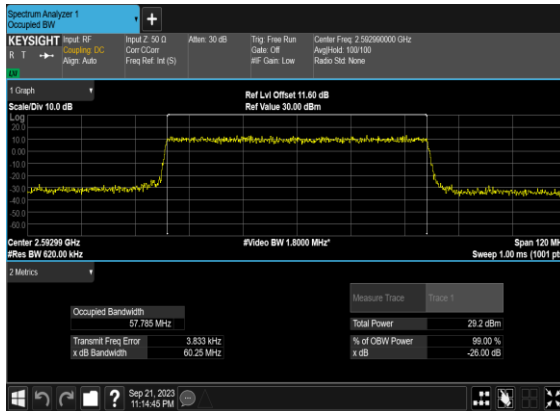
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QAM_Outer_Full_Mid_CH



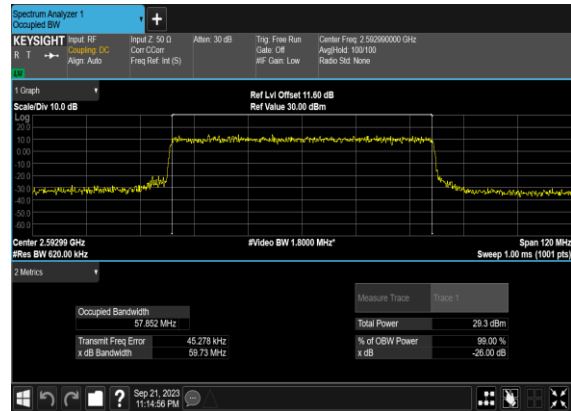
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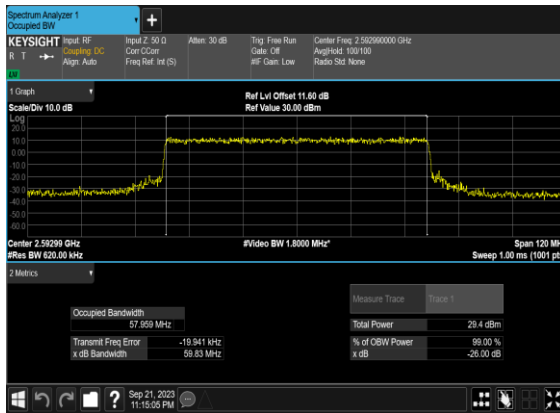
N41(60M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



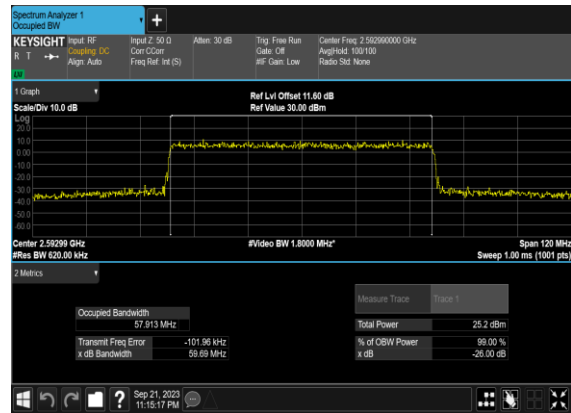
N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



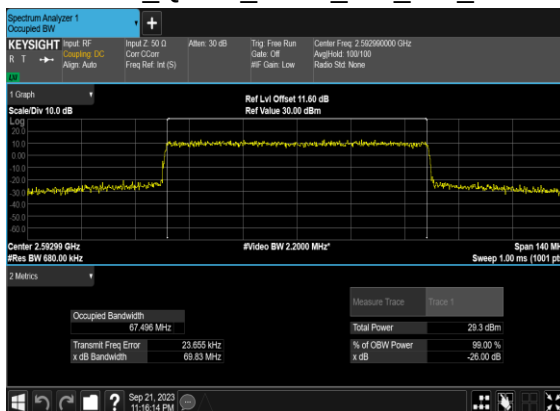
N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



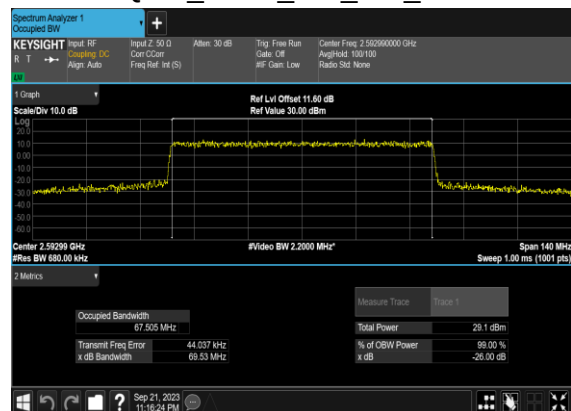
N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



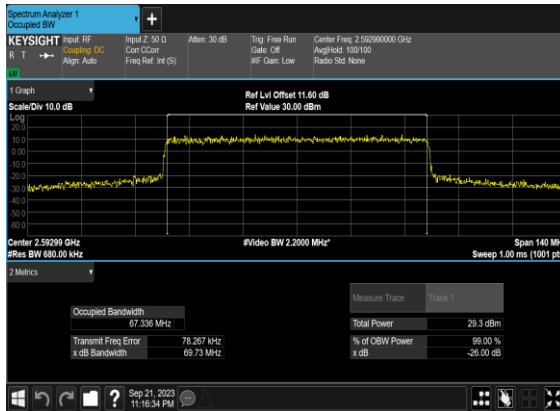
N41(70M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



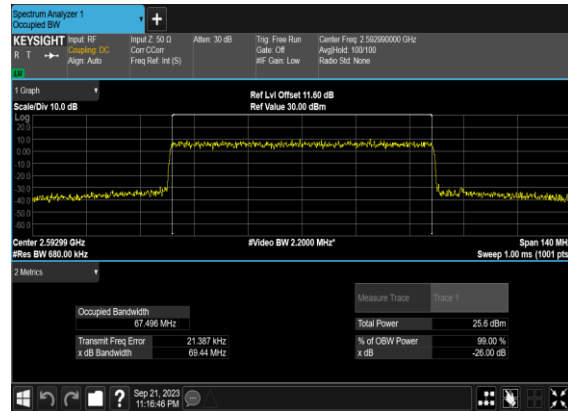
N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



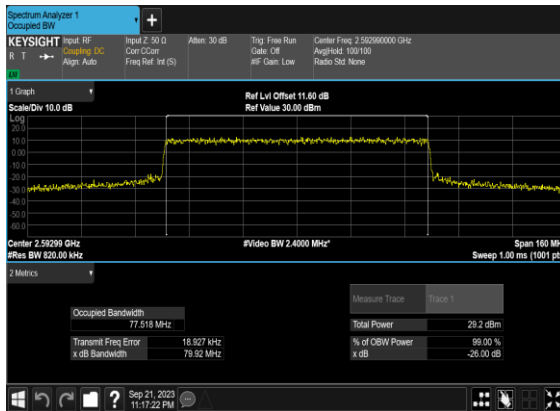
N41(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



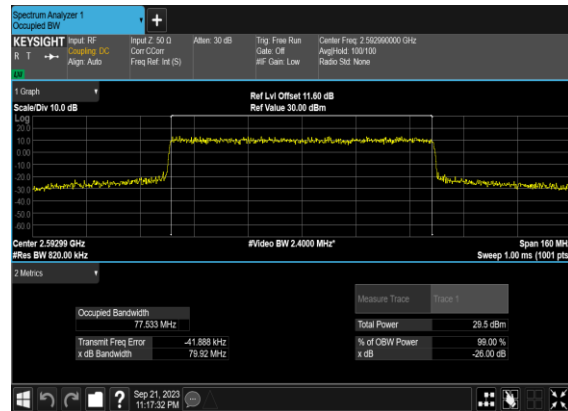
N41(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



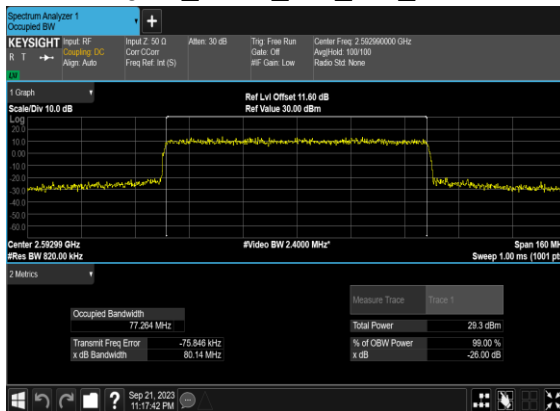
N41(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



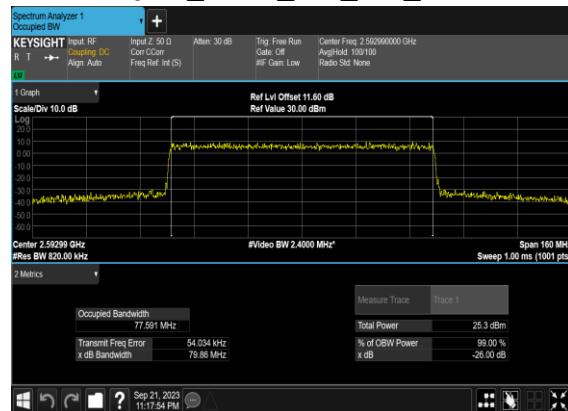
N41(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



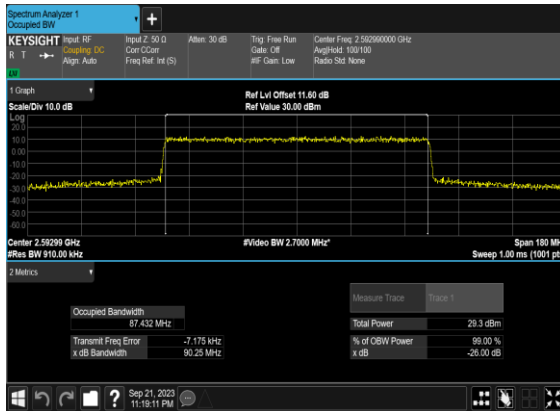
N41(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



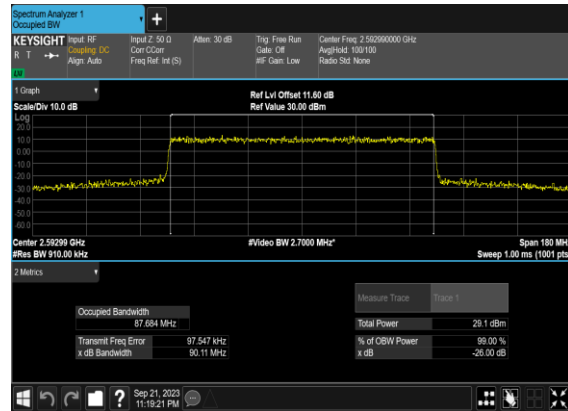
N41(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



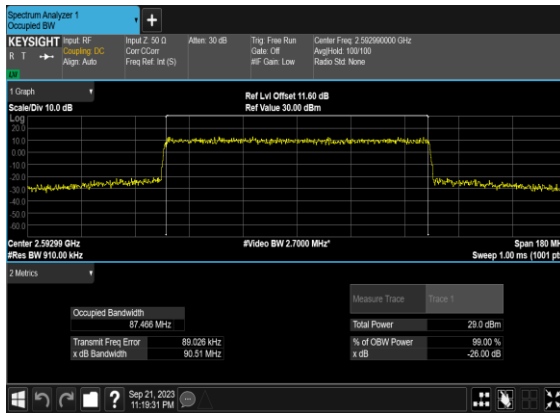
N41(90M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



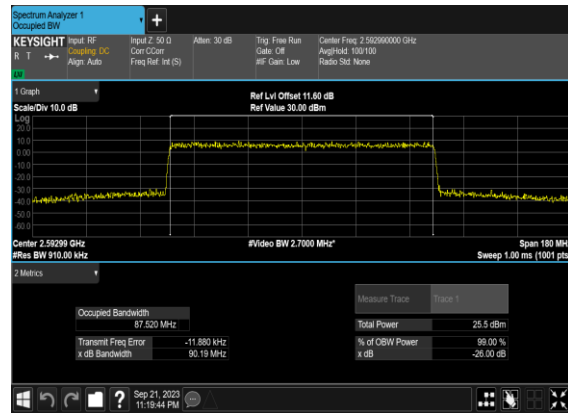
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



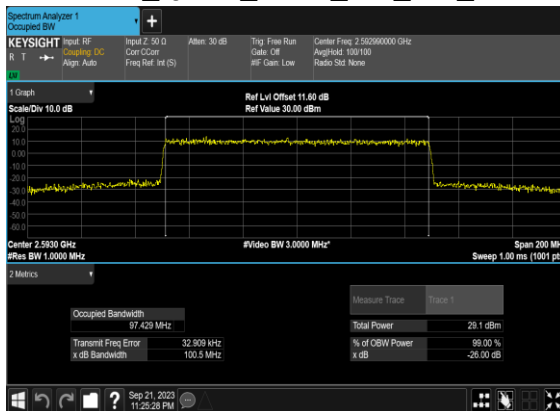
N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



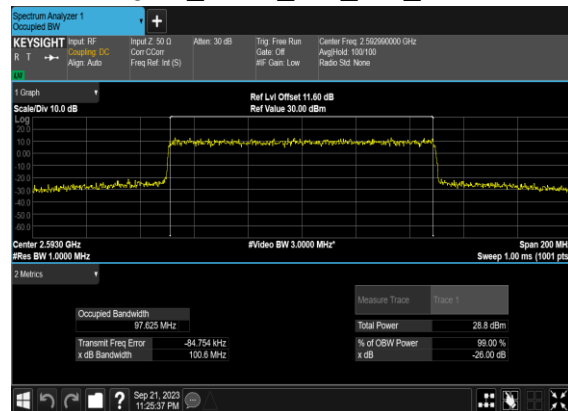
N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



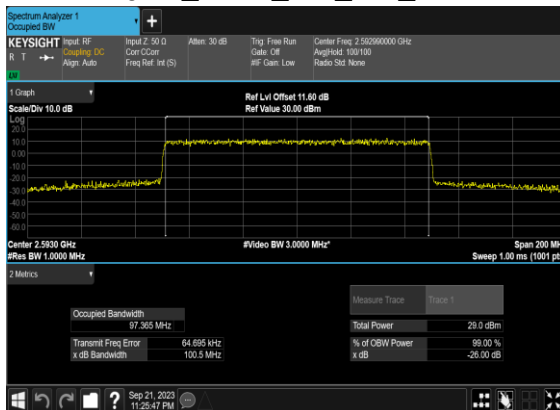
N41(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



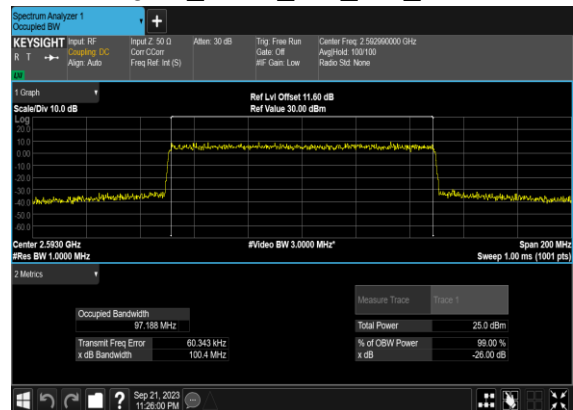
N41(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

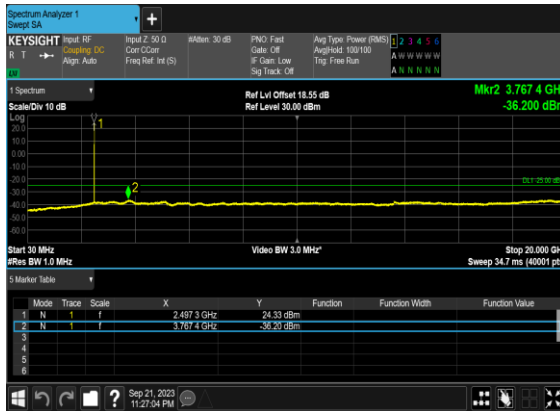


Conducted Spurious Emissions

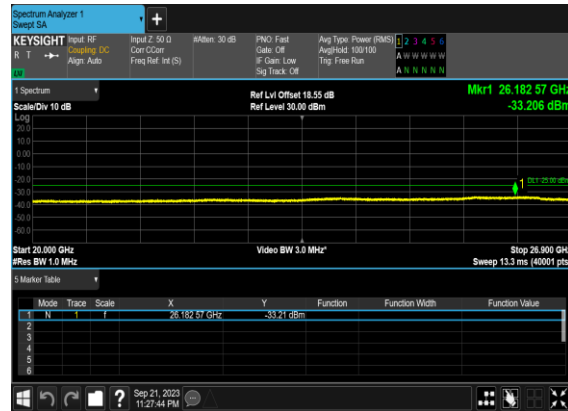
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	---
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	---
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	---
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	50	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	---
41	30	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	---
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---

41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	---
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	PASS

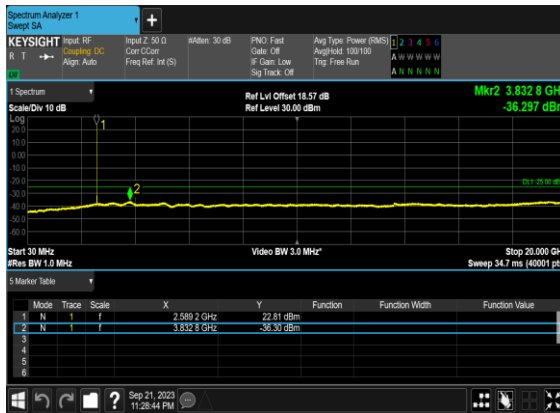
N41(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



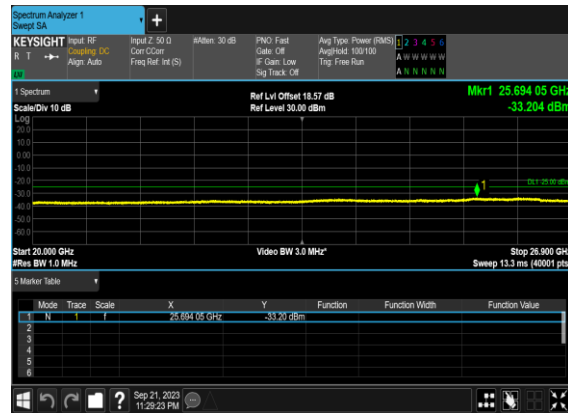
N41(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



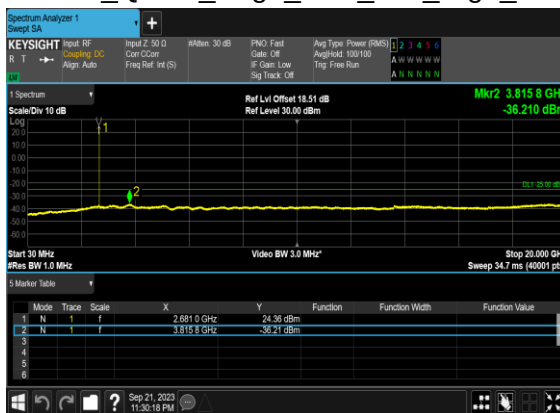
N41(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



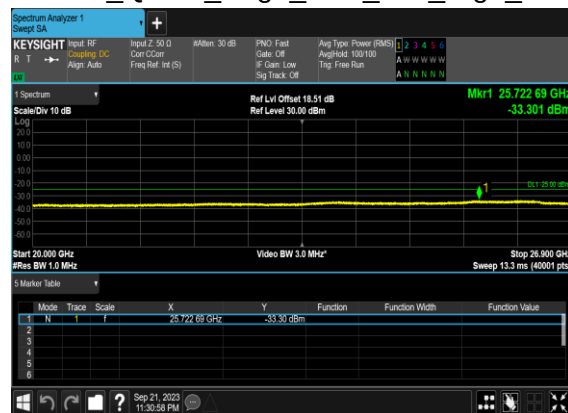
N41(10M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



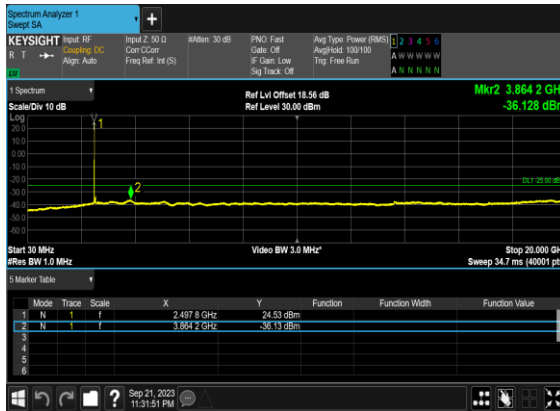
N41(10M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



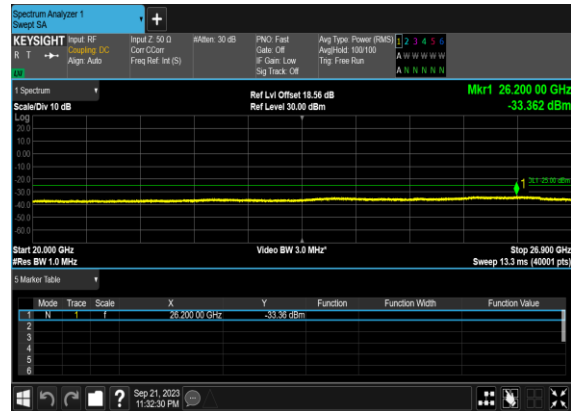
N41(10M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



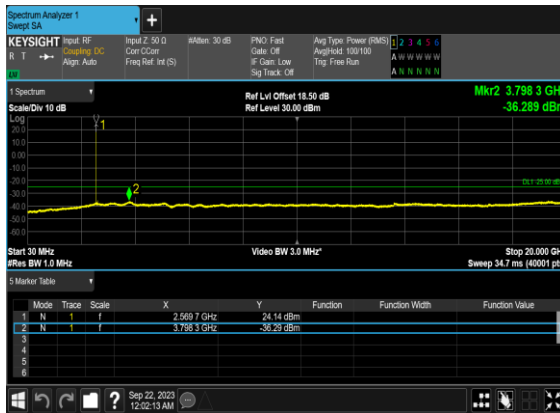
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



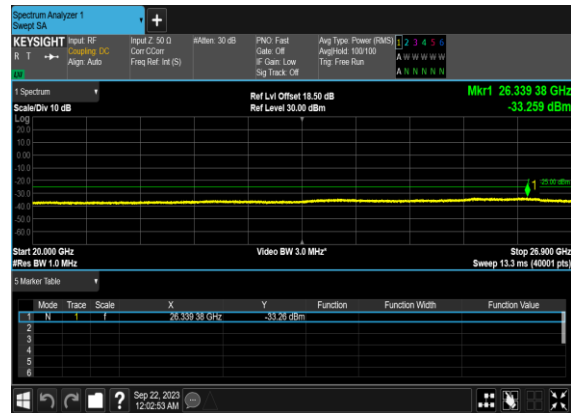
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



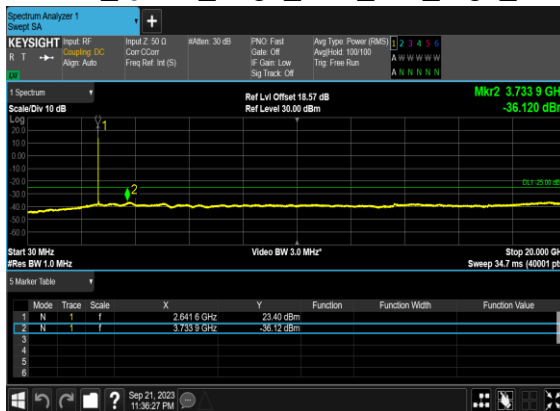
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



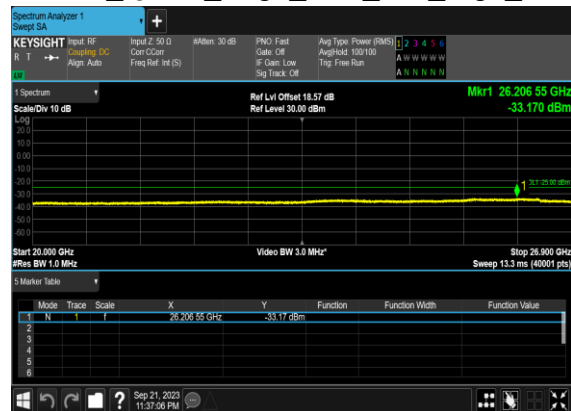
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



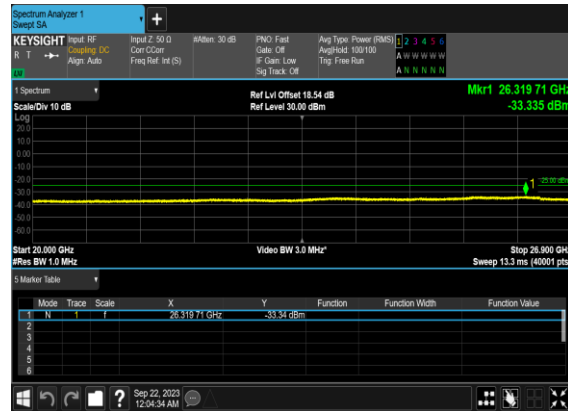
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



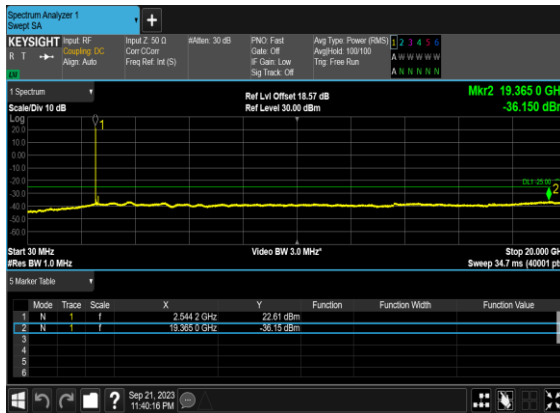
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



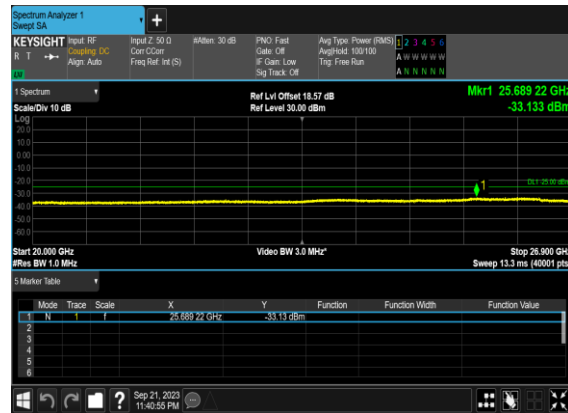
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



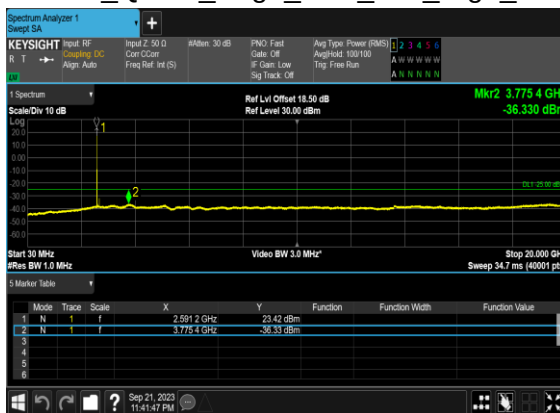
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



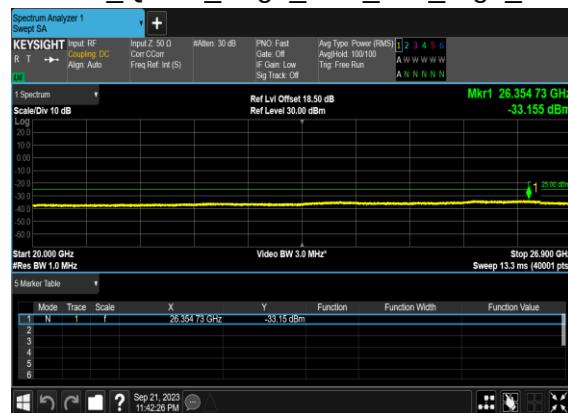
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



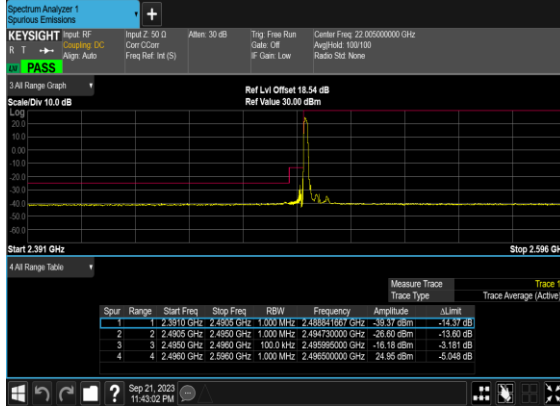
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



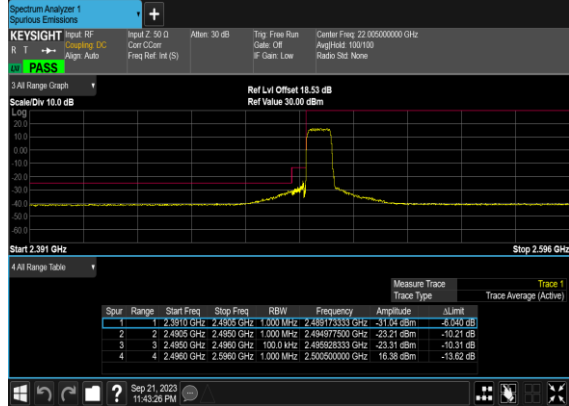
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	133@0	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	133@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	273@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	273@0	see graph	PASS

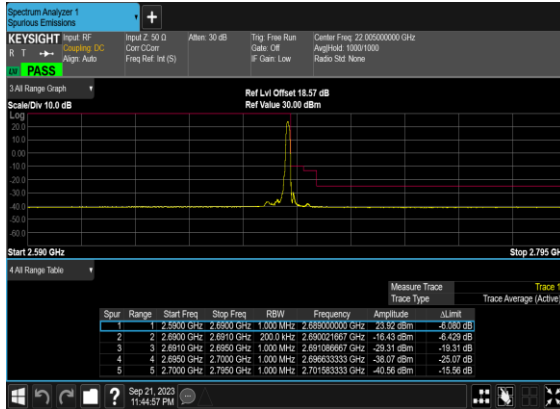
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



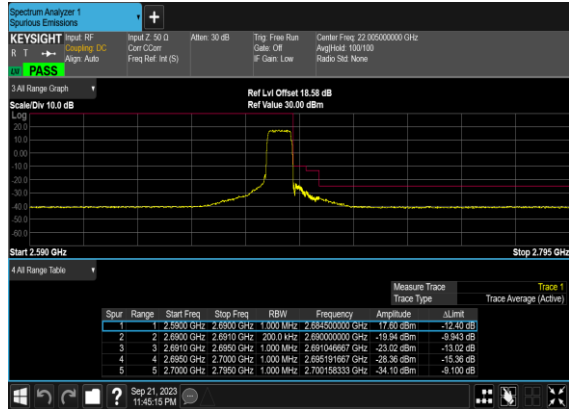
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



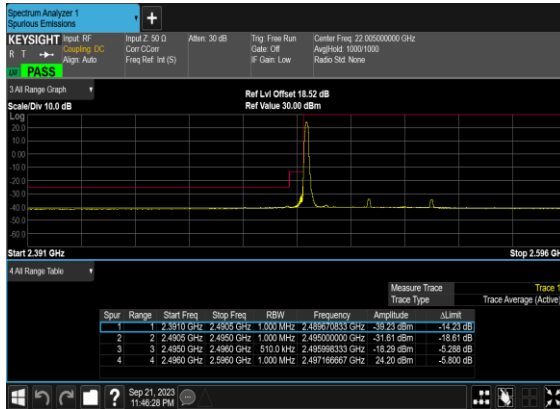
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



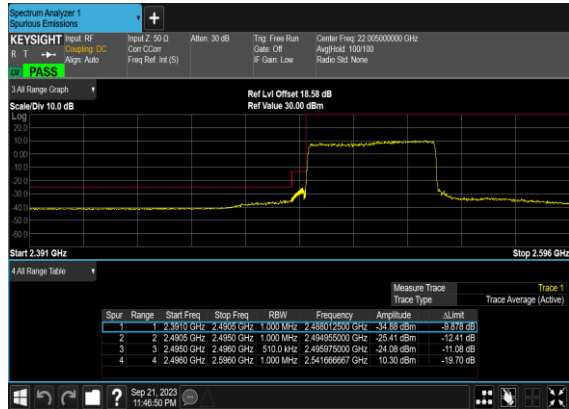
N41(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH



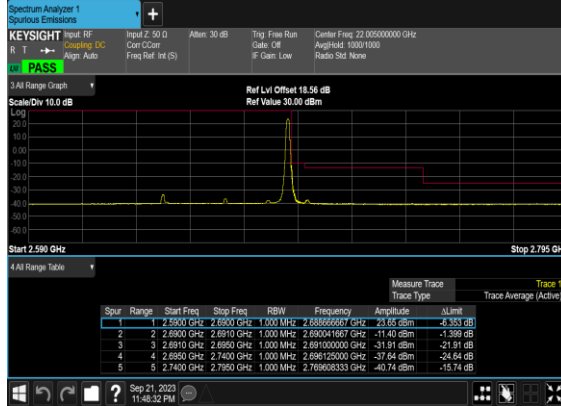
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



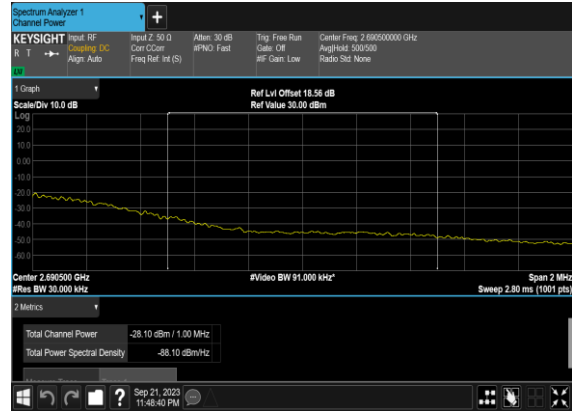
N41(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



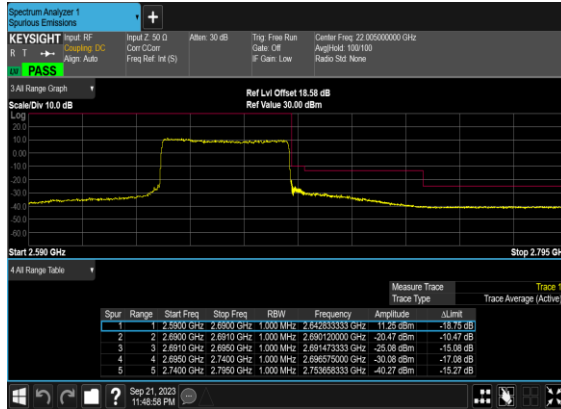
N41(50M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



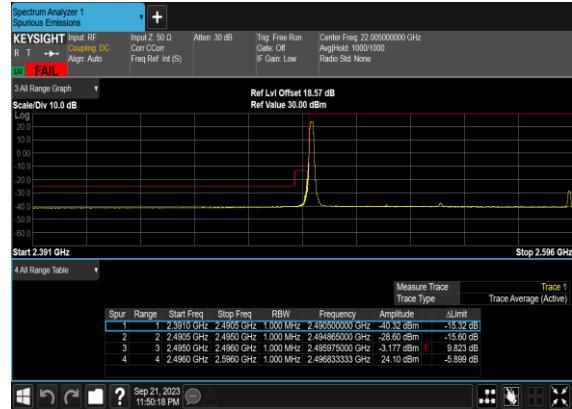
N41(50M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH_chp _PASS



N41(50M)_CP- OFDM_QPSK_Outer_Full_High_CH



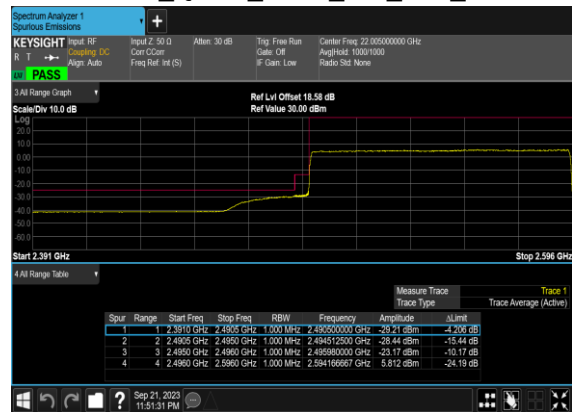
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



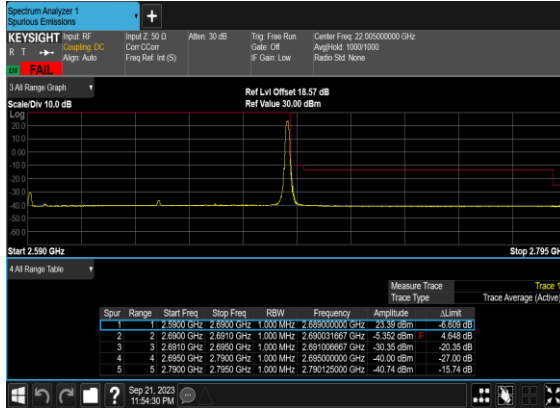
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH_chp _PASS



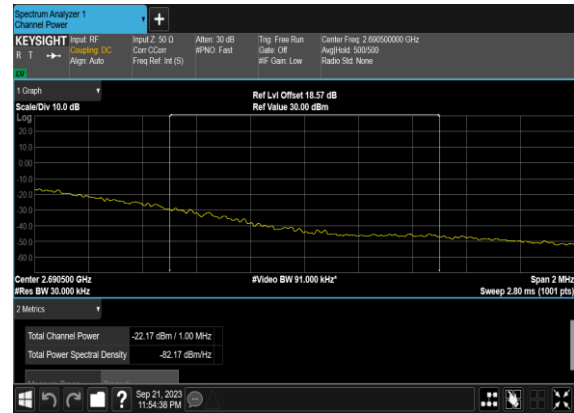
N41(100M)_CP- OFDM_QPSK_Outer_Full_Low_CH



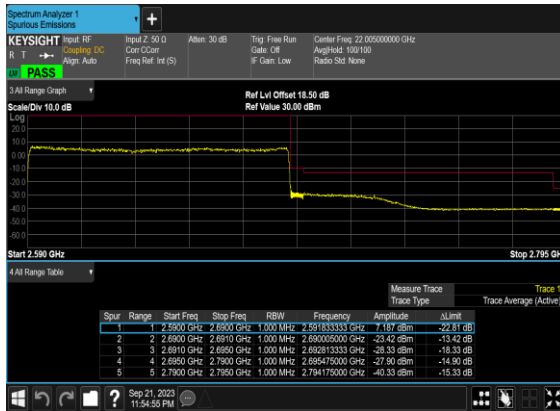
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH_CHP _PASS



N41(100M)_CP- OFDM_QPSK_Outer_Full_High_CH



FR1 N66_Main PA_ANT5

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=1.3dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	24.3	25.6	0.3631
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	23.32	24.62	0.2897
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@1	24.44	25.74	0.3750
66	15	5	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	23.43	24.73	0.2972
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	24.27	25.57	0.3606
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	23.29	24.59	0.2877
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@1	24.47	25.77	0.3776
66	15	10	343000	1715.0	DFT-s-OFDM 16 QAM	1@1	23.42	24.72	0.2965
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	1@1	24.65	25.95	0.3936
66	15	10	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	23.44	24.74	0.2979
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@1	23.73	25.03	0.3184
66	15	10	355000	1775.0	DFT-s-OFDM 16 QAM	1@1	22.81	24.11	0.2576
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	24.49	25.79	0.3793
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	23.42	24.72	0.2965
66	15	15	349000	1745.0	DFT-s-OFDM QPSK	1@1	24.58	25.88	0.3873
66	15	15	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	23.54	24.84	0.3048
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.49	24.79	0.3013
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.58	23.88	0.2443
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@1	24.49	25.79	0.3793
66	15	20	344000	1720.0	DFT-s-OFDM 16 QAM	1@1	23.44	24.74	0.2979
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@1	24.63	25.93	0.3917
66	15	20	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	23.52	24.82	0.3034

66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@1	23.65	24.95	0.3126
66	15	20	354000	1770.0	DFT-s-OFDM 16 QAM	1@1	22.73	24.03	0.2529
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	24.54	25.84	0.3837
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	23.54	24.84	0.3048
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@1	24.28	25.58	0.3614
66	15	25	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	23.73	25.03	0.3184
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	24.39	25.69	0.3707
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	23.35	24.65	0.2917
66	15	30	345000	1725.0	DFT-s-OFDM QPSK	1@1	24.61	25.91	0.3899
66	15	30	345000	1725.0	DFT-s-OFDM 16 QAM	1@1	23.41	24.71	0.2958
66	15	30	349000	1745.0	DFT-s-OFDM QPSK	1@1	24.73	26.03	0.4009
66	15	30	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	23.52	24.82	0.3034
66	15	30	353000	1765.0	DFT-s-OFDM QPSK	1@1	24.55	25.85	0.3846
66	15	30	353000	1765.0	DFT-s-OFDM 16 QAM	1@1	23.41	24.71	0.2958
66	15	40	346000	1730.0	DFT-s-OFDM PI/2 BPSK	108@54	23.08	24.38	0.2742
66	15	40	346000	1730.0	DFT-s-OFDM PI/2 BPSK	1@1	22.98	24.28	0.2679
66	15	40	346000	1730.0	DFT-s-OFDM PI/2 BPSK	1@214	23.06	24.36	0.2729
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	108@54	24.46	25.76	0.3767
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@1	24.75	26.05	0.4027
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@214	24.51	25.81	0.3811
66	15	40	346000	1730.0	DFT-s-OFDM 16 QAM	108@54	23.3	24.6	0.2884
66	15	40	346000	1730.0	DFT-s-OFDM 16 QAM	1@1	23.43	24.73	0.2972
66	15	40	346000	1730.0	DFT-s-OFDM 16 QAM	1@214	23.43	24.73	0.2972
66	15	40	346000	1730.0	DFT-s-OFDM 64 QAM	108@54	21.86	23.16	0.2070
66	15	40	346000	1730.0	DFT-s-OFDM 64 QAM	1@1	21.92	23.22	0.2099
66	15	40	346000	1730.0	DFT-s-OFDM 64 QAM	1@214	21.93	23.23	0.2104
66	15	40	346000	1730.0	DFT-s-OFDM 256 QAM	108@54	19.81	21.11	0.1291

66	15	40	346000	1730.0	DFT-s-OFDM 256 QAM	1@1	19.77	21.07	0.1279
66	15	40	346000	1730.0	DFT-s-OFDM 256 QAM	1@214	19.25	20.55	0.1135
66	15	40	346000	1730.0	CP-OFDM QPSK	108@54	23.03	24.33	0.2710
66	15	40	346000	1730.0	CP-OFDM QPSK	1@1	23.2	24.5	0.2818
66	15	40	346000	1730.0	CP-OFDM QPSK	1@214	23.27	24.57	0.2864
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	108@54	23.12	24.42	0.2767
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	23.12	24.42	0.2767
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@214	23	24.3	0.2692
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	108@54	24.59	25.89	0.3882
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@1	24.64	25.94	0.3926
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@214	24.14	25.44	0.3499
66	15	40	349000	1745.0	DFT-s-OFDM 16 QAM	108@54	23.34	24.64	0.2911
66	15	40	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	23.55	24.85	0.3055
66	15	40	349000	1745.0	DFT-s-OFDM 16 QAM	1@214	23.36	24.66	0.2924
66	15	40	349000	1745.0	DFT-s-OFDM 64 QAM	108@54	21.89	23.19	0.2084
66	15	40	349000	1745.0	DFT-s-OFDM 64 QAM	1@1	21.99	23.29	0.2133
66	15	40	349000	1745.0	DFT-s-OFDM 64 QAM	1@214	21.79	23.09	0.2037
66	15	40	349000	1745.0	DFT-s-OFDM 256 QAM	108@54	21.73	23.03	0.2009
66	15	40	349000	1745.0	DFT-s-OFDM 256 QAM	1@1	19.81	21.11	0.1291
66	15	40	349000	1745.0	DFT-s-OFDM 256 QAM	1@214	19.24	20.54	0.1132
66	15	40	349000	1745.0	CP-OFDM QPSK	108@54	23.1	24.4	0.2754
66	15	40	349000	1745.0	CP-OFDM QPSK	1@1	23.27	24.57	0.2864
66	15	40	349000	1745.0	CP-OFDM QPSK	1@214	22.77	24.07	0.2553
66	15	40	352000	1760.0	DFT-s-OFDM PI/2 BPSK	108@54	23.02	24.32	0.2704
66	15	40	352000	1760.0	DFT-s-OFDM PI/2 BPSK	1@1	23.12	24.42	0.2767
66	15	40	352000	1760.0	DFT-s-OFDM PI/2 BPSK	1@214	23.13	24.43	0.2773
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	108@54	24.46	25.76	0.3767

66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@1	24.62	25.92	0.3908
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@214	24.5	25.8	0.3802
66	15	40	352000	1760.0	DFT-s-OFDM 16 QAM	108@54	23.38	24.68	0.2938
66	15	40	352000	1760.0	DFT-s-OFDM 16 QAM	1@1	23.49	24.79	0.3013
66	15	40	352000	1760.0	DFT-s-OFDM 16 QAM	1@214	23.42	24.72	0.2965
66	15	40	352000	1760.0	DFT-s-OFDM 64 QAM	108@54	21.93	23.23	0.2104
66	15	40	352000	1760.0	DFT-s-OFDM 64 QAM	1@1	21.92	23.22	0.2099
66	15	40	352000	1760.0	DFT-s-OFDM 64 QAM	1@214	21.95	23.25	0.2113
66	15	40	352000	1760.0	DFT-s-OFDM 256 QAM	108@54	19.78	21.08	0.1282
66	15	40	352000	1760.0	DFT-s-OFDM 256 QAM	1@1	19.76	21.06	0.1276
66	15	40	352000	1760.0	DFT-s-OFDM 256 QAM	1@214	19.2	20.5	0.1122
66	15	40	352000	1760.0	CP-OFDM QPSK	108@54	22.94	24.24	0.2655
66	15	40	352000	1760.0	CP-OFDM QPSK	1@1	23.35	24.65	0.2917
66	15	40	352000	1760.0	CP-OFDM QPSK	1@214	23.42	24.72	0.2965

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0064	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0058	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0067	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0053	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0048	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0040	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0039	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0061	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0064	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0023	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0038	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0049	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	3.75	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	4.03	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.22	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	5.41	13	PASS

N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Mid_CH



N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4755	5.014
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4869	5.096
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4599	5.047
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4708	5.032
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2782	9.983
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2838	10.01
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2544	9.905
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2778	9.993
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.093	14.83
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.11	14.97
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.116	14.84
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.105	14.95
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.9	19.76
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.882	19.85
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.933	19.85
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.893	19.92
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.714	24.77
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.716	24.77
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.733	24.66
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.708	24.76
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.56	29.61
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.567	29.76
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.563	29.51
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.575	29.67
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.463	39.88

66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.488	39.95
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.596	39.84
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.502	39.83