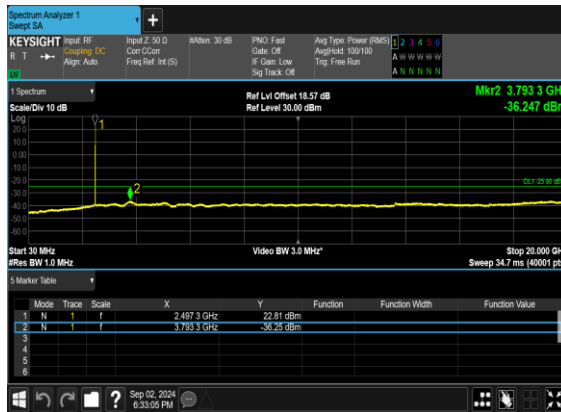
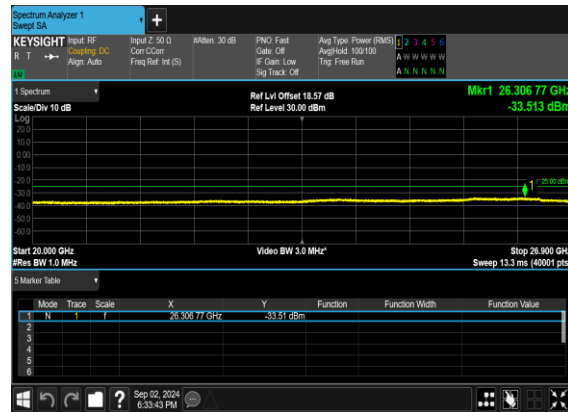




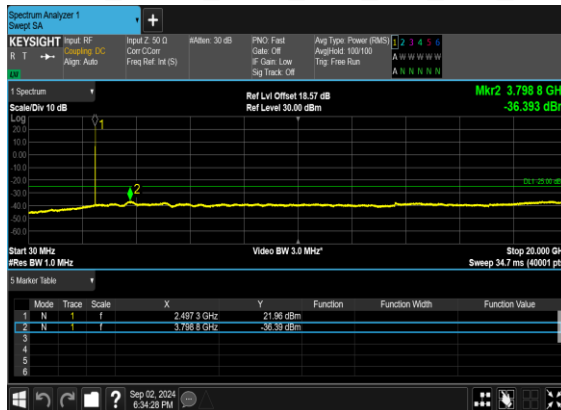
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



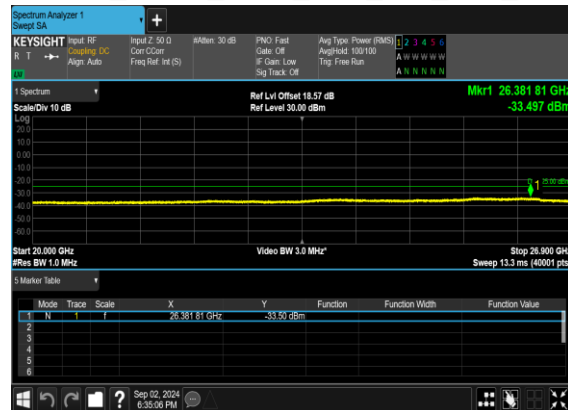
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

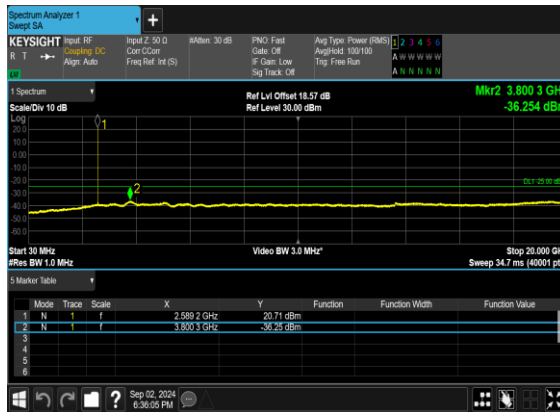


N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

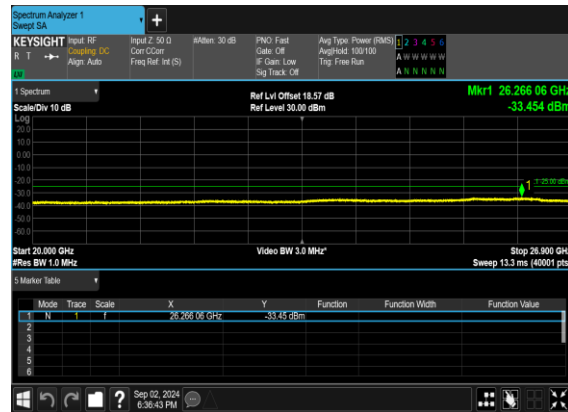




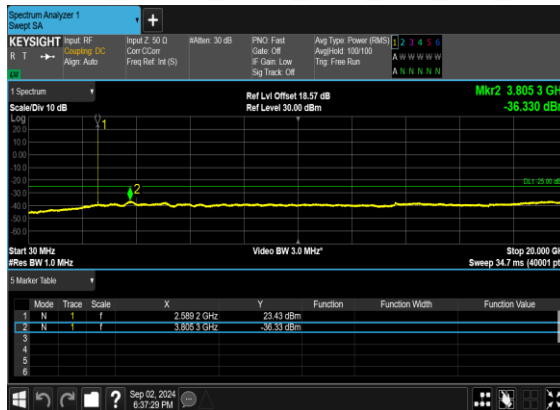
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



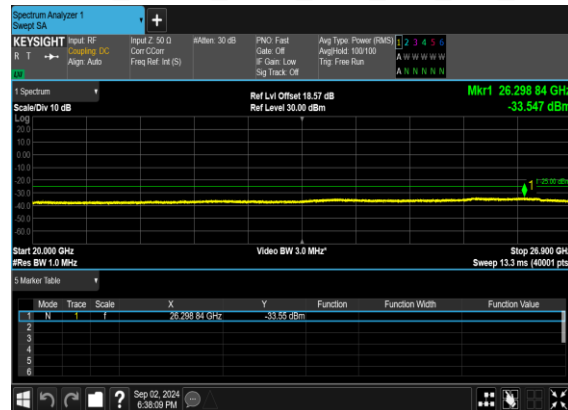
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

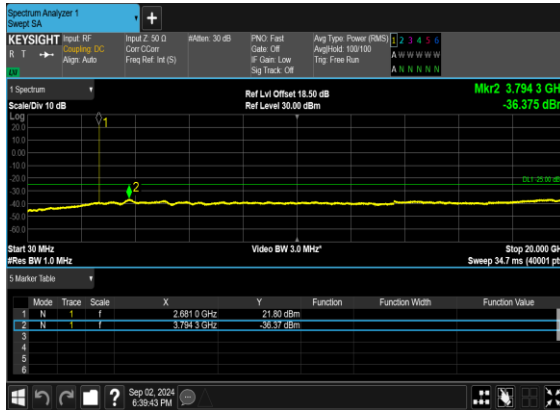


N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

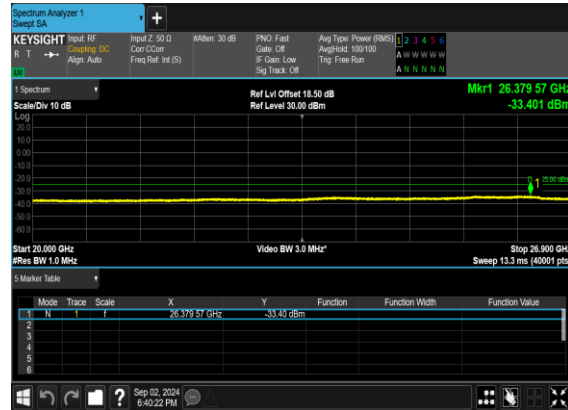




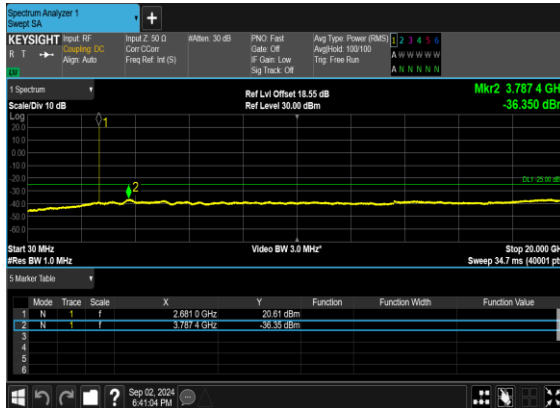
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



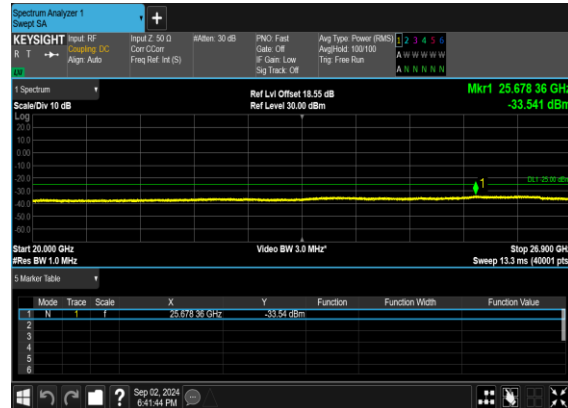
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

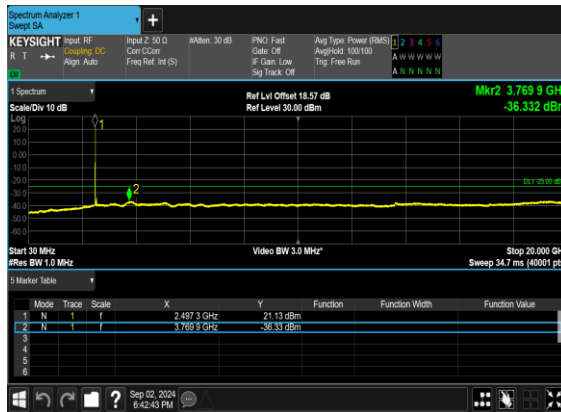


N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

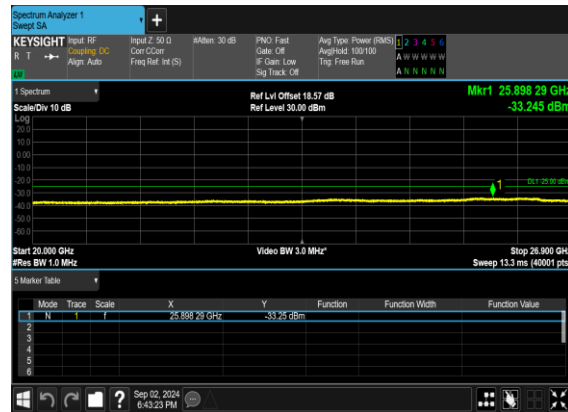




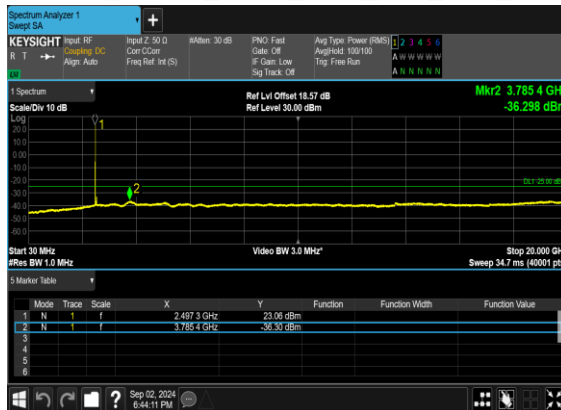
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



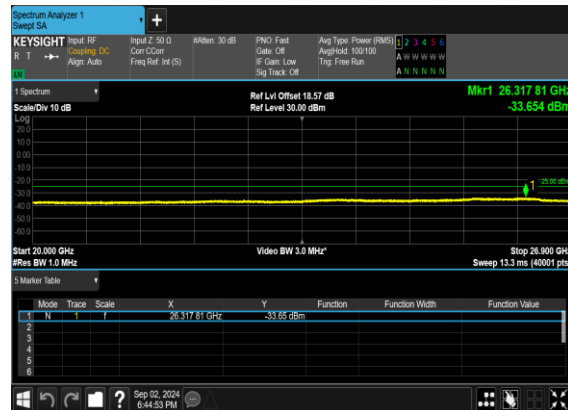
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

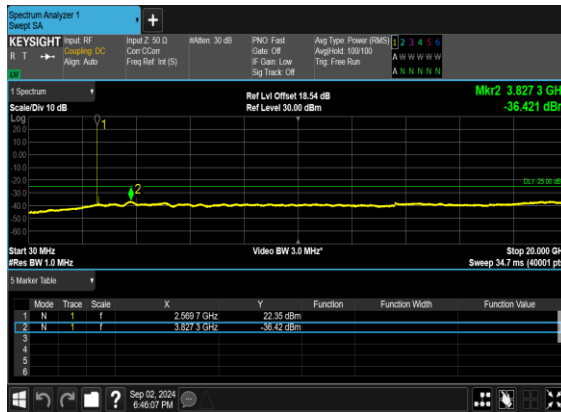


N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

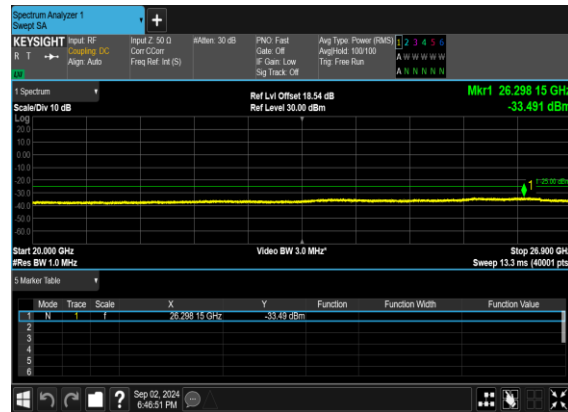




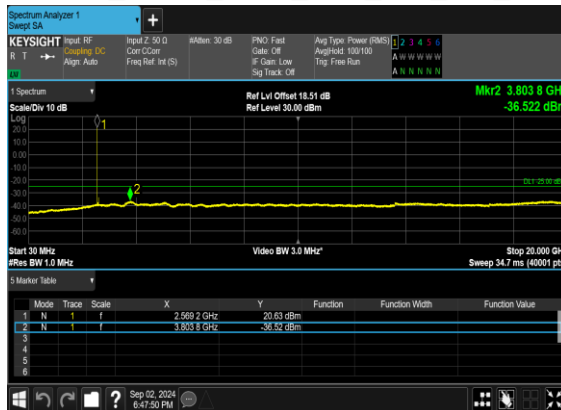
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



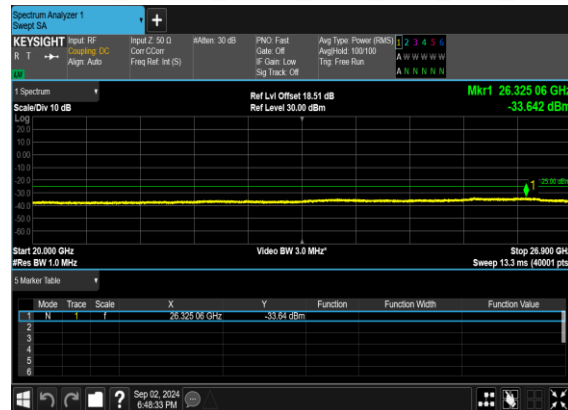
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

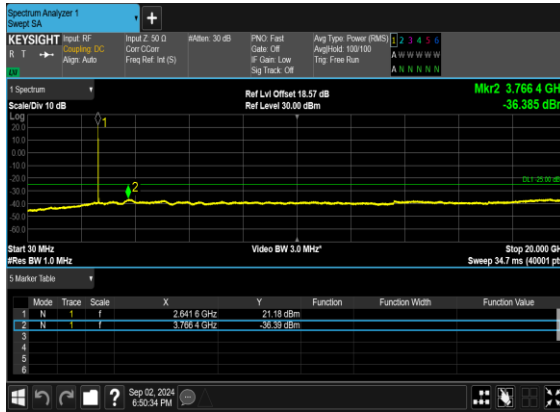


N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

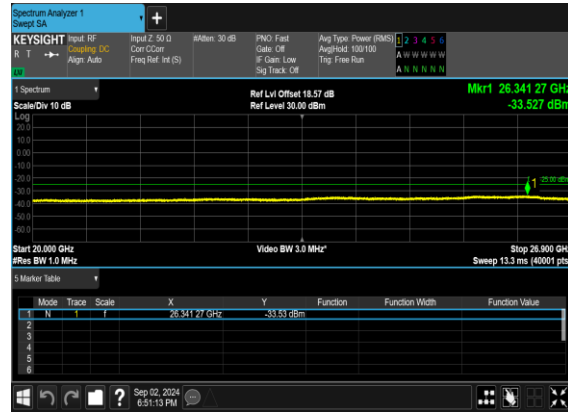




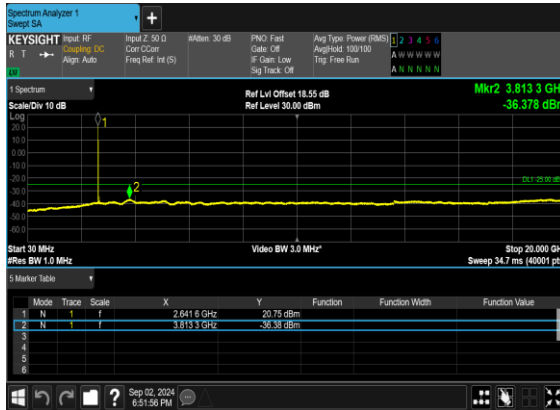
N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



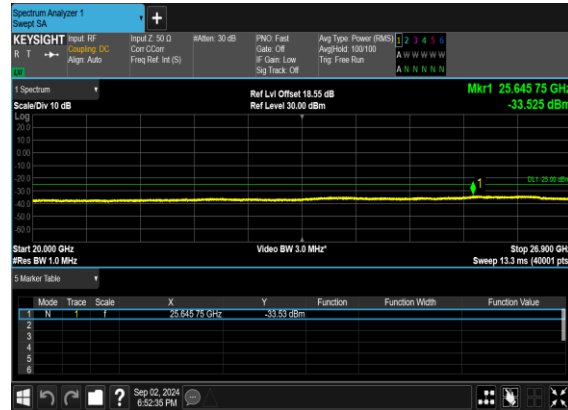
N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

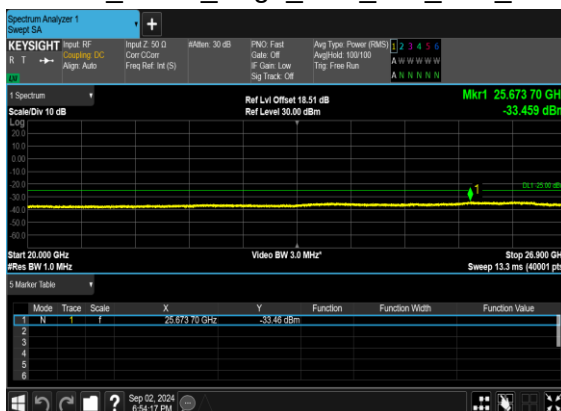
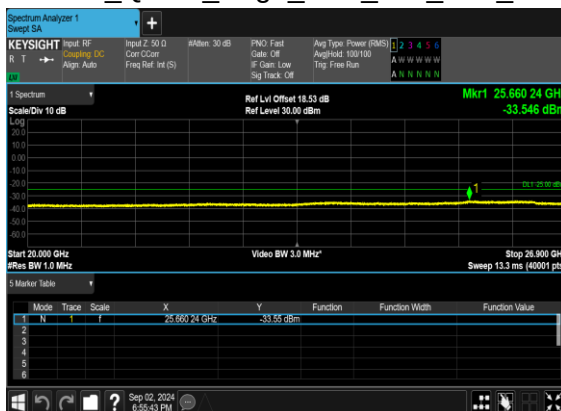


N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



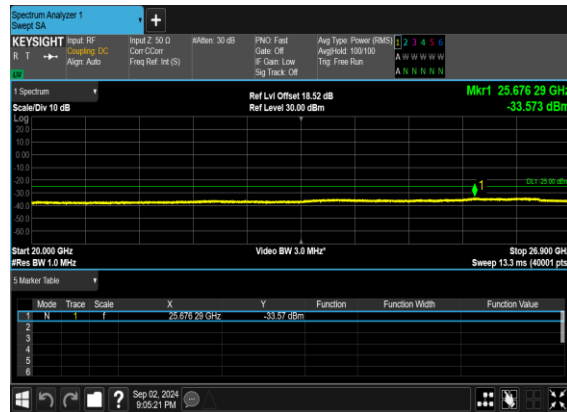
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



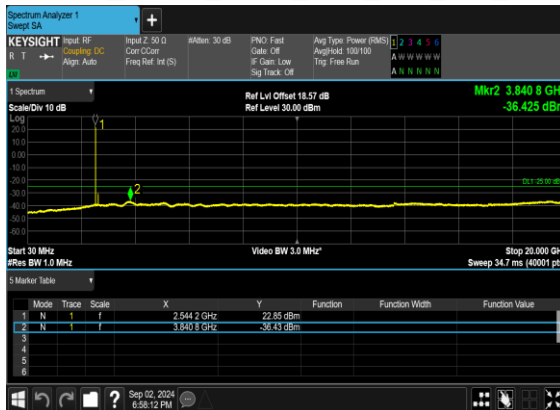
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



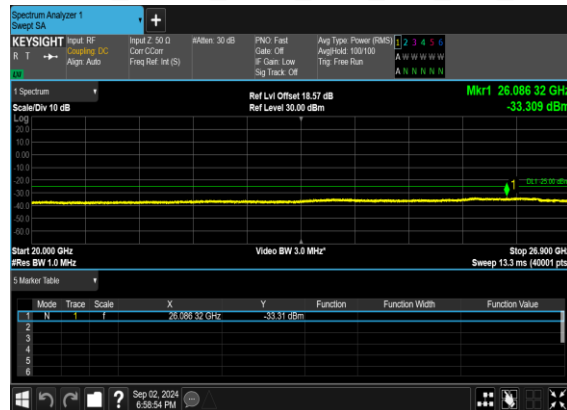
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

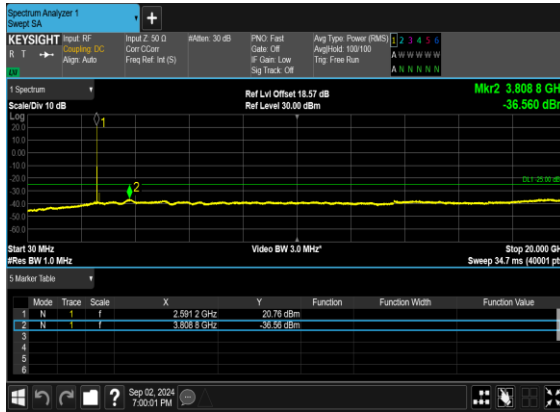


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

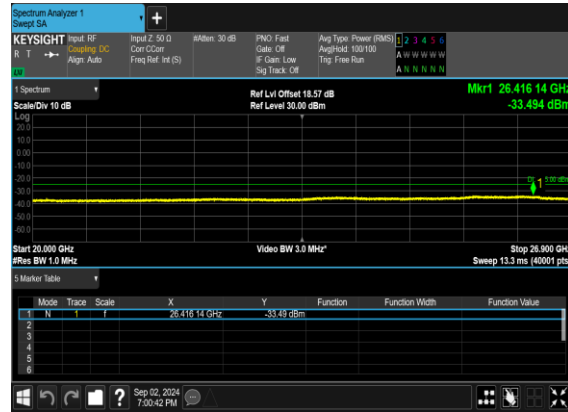




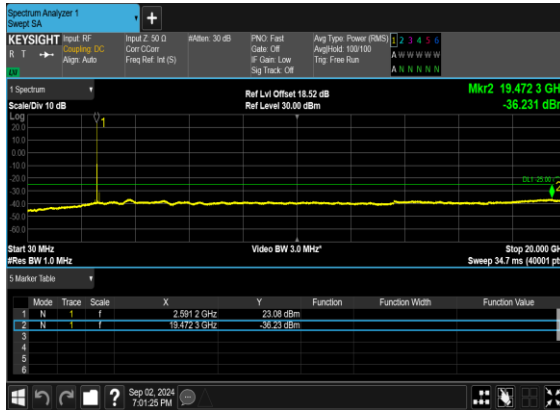
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



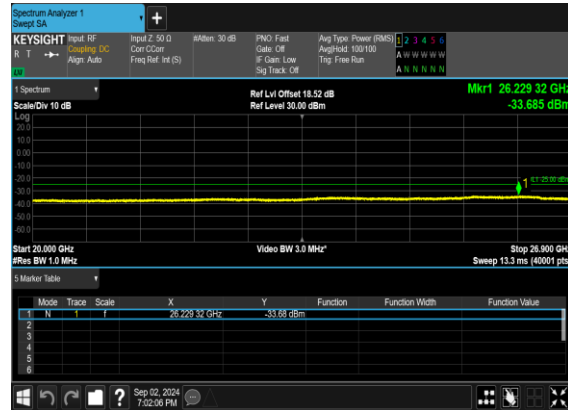
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



**Conducted Band Edge**

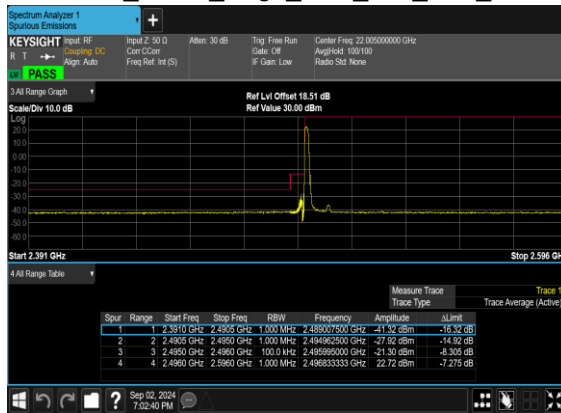
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM	270@0	see graph	PASS



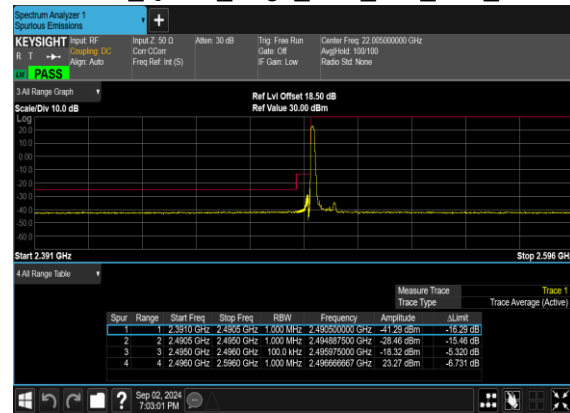
QPSK								
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



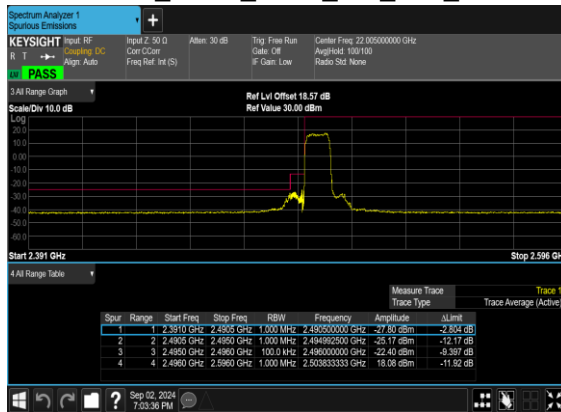
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



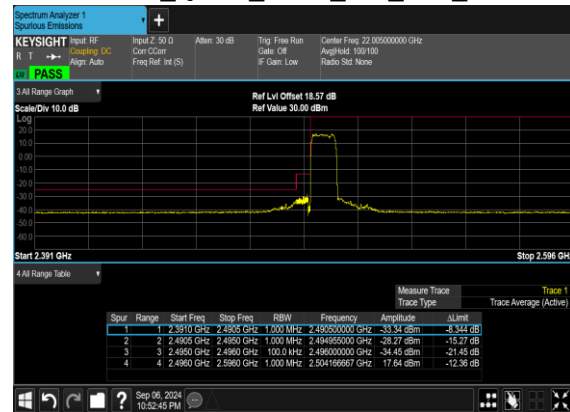
N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

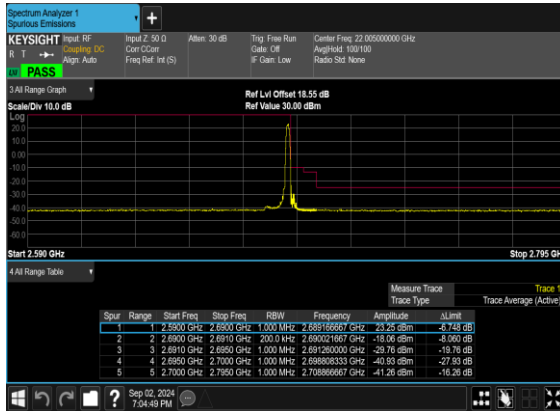


N41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

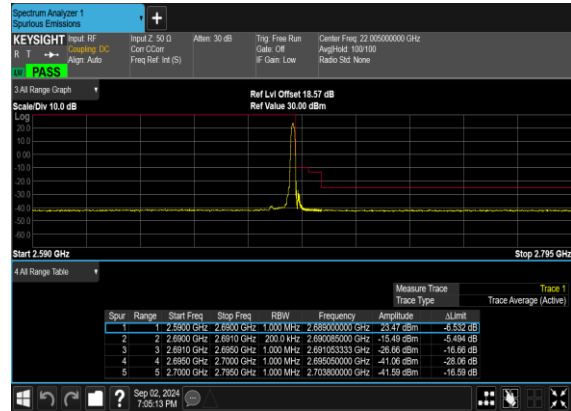




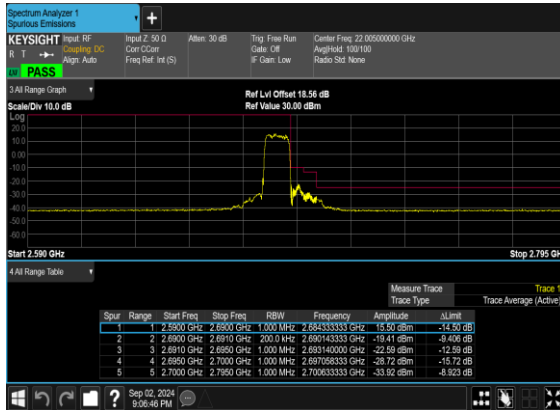
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



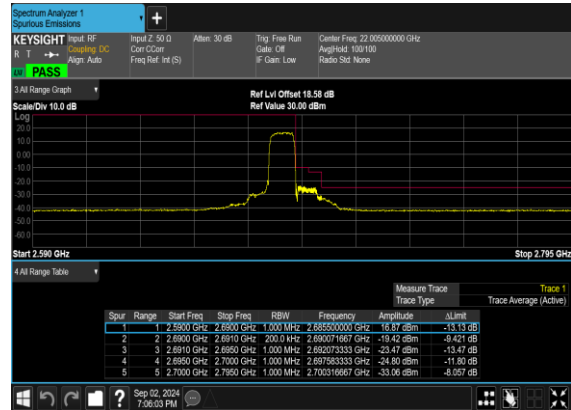
N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

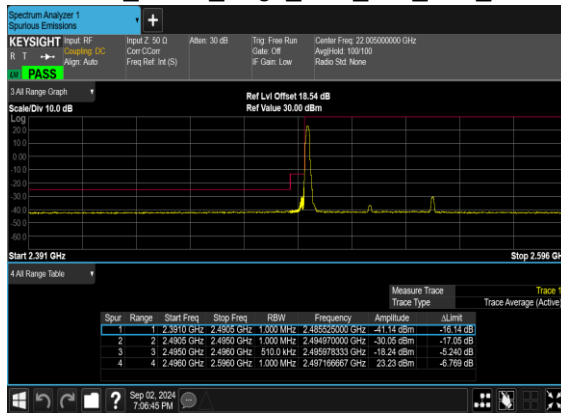


N41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

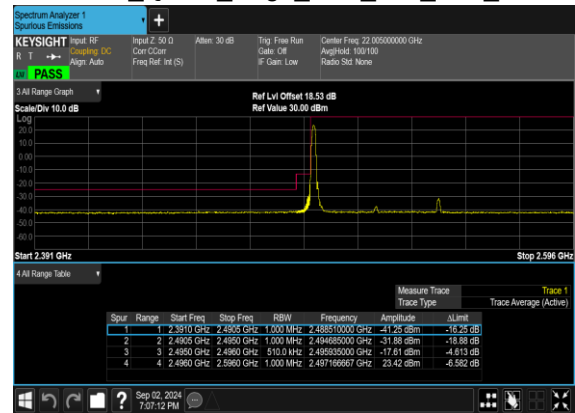




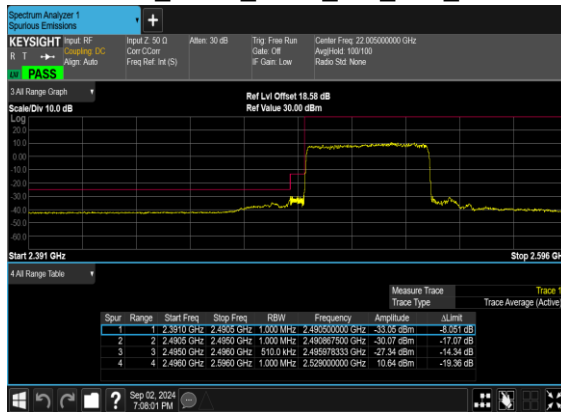
N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



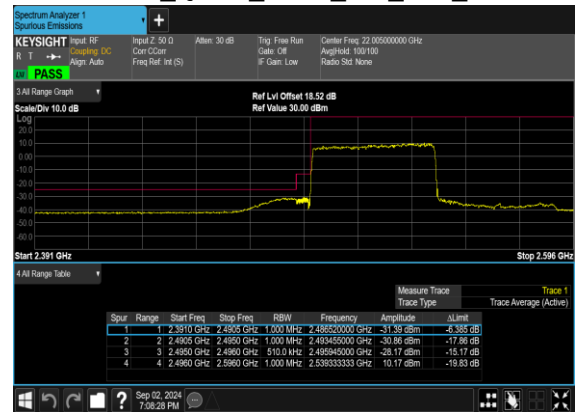
N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N41(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

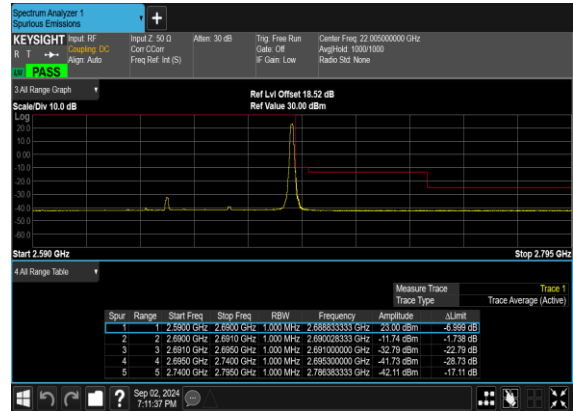




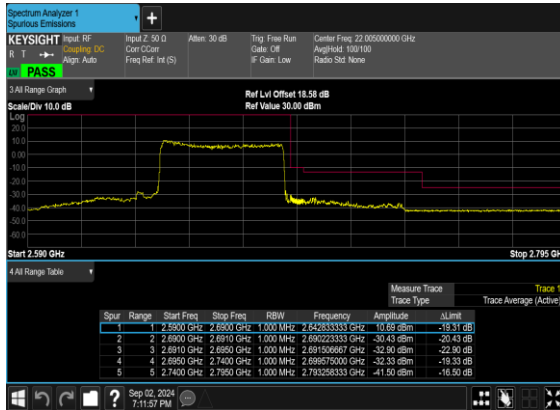
N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



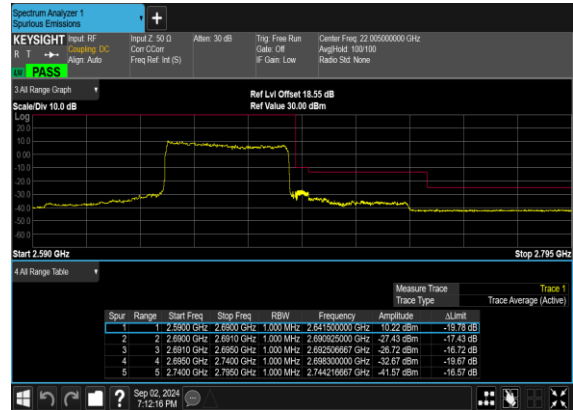
N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N41(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

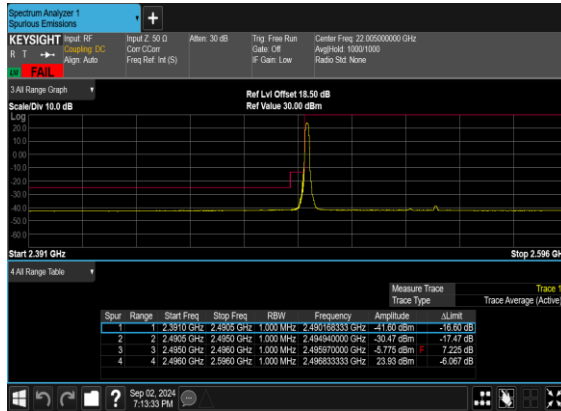


N41(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

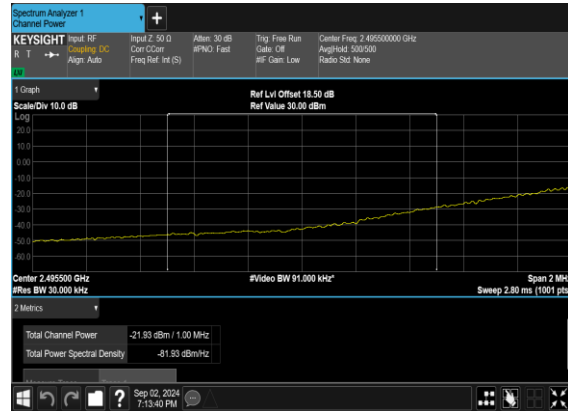




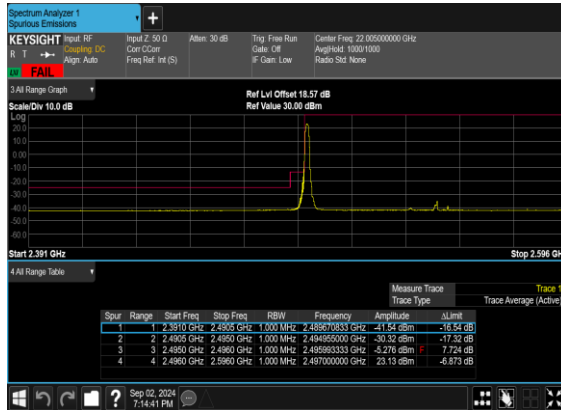
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



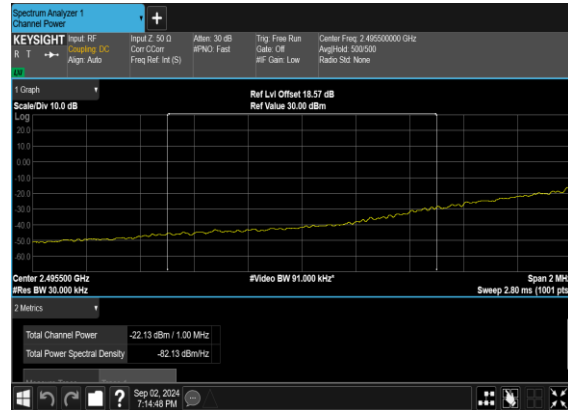
N41(100M)_DFT-s-OFDM_BPSK
Edge_1RB_Left_Low_CH_CHP_PASS



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

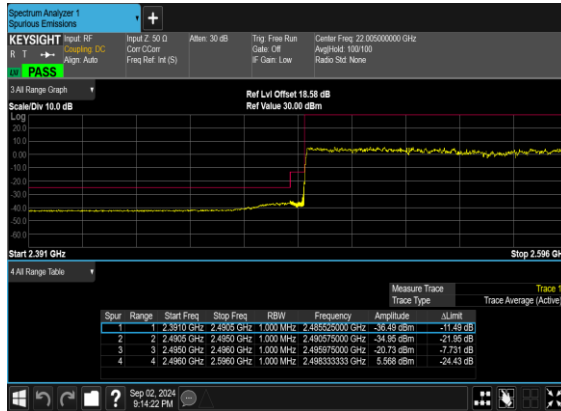


N41(100M)_DFT-s-OFDM_QPSK
Edge_1RB_Left_Low_CH_CHP_PASS

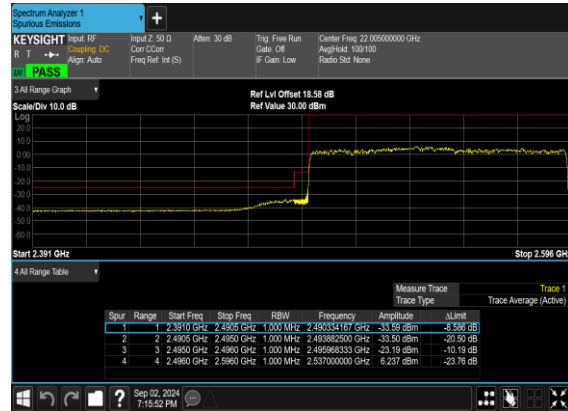




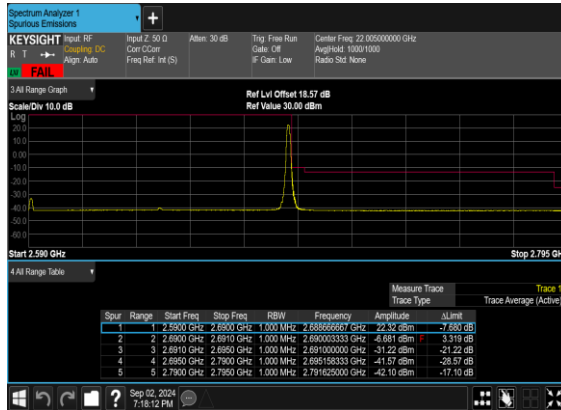
N41(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



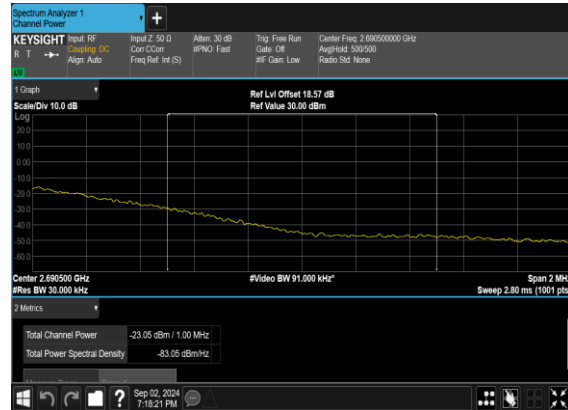
N41(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

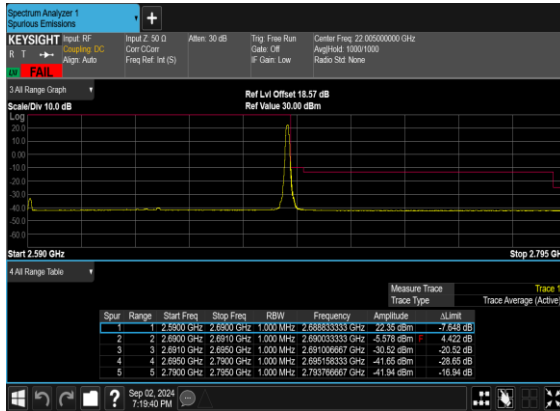


N41(100M)_DFT-s-OFDM_BPSK
_Edge_1RB_Right_High_CH_CHP_PASS

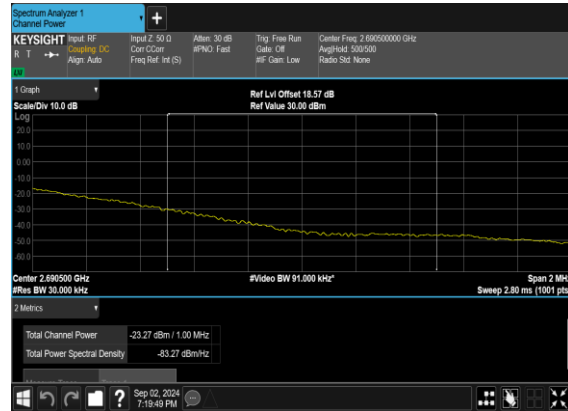




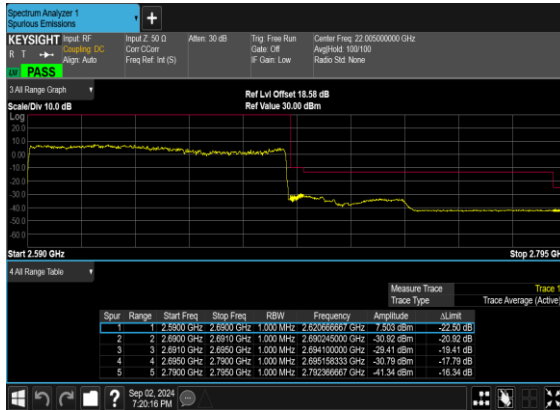
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



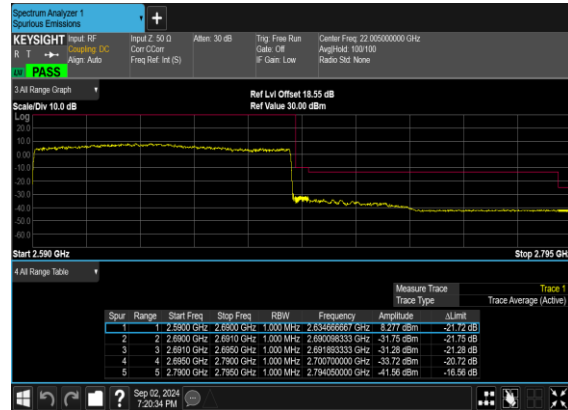
N41(100M)_DFT-s-OFDM_QPSK
Edge_1RB_Right_High_CH_chP_PASS



N41(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N41 MIMO-ANT1

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	15.2	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.5	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	15.6	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	12.3	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.2	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	14.8	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	18.1	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	18.4	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.8	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.6	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.9	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	14.2	PASS	50°C

|MAX(Δf)| = 18.4 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2496.869638	$\geq 2496 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2688.778982	$\leq 2690 \text{ MHz}$	



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	DFT-s-OFDM PI/2 BPSK	50@0	4.68	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.76	13	PASS

N41(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



**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	8.5767	9.475
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5651	9.753
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5789	9.612
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5692	9.442
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.61	14.64
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.612	14.8
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.575	14.26
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.638	14.64
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.24	19.36
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.249	19.35
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.167	19.28
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.255	19.38
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.229	24.55
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.24	24.65
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.2	24.5
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.166	24.73
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.824	29.0
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.813	29.26
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.935	29.25
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.893	29.32
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.865	39.33
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.866	39.16

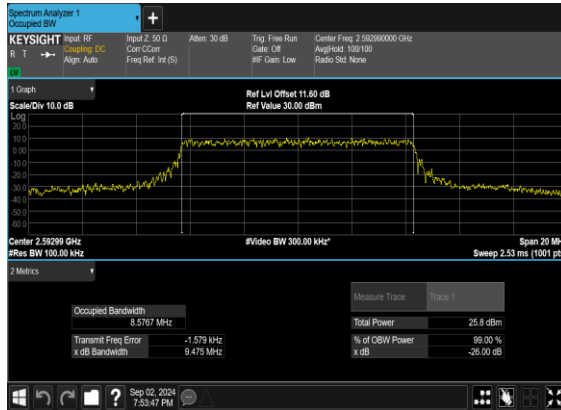


41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.903	39.28
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.81	39.55
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.476	49.03
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.447	48.97
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.481	49.36
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.507	49.17
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.864	59.73
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.876	60.14
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.897	59.96
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.853	59.81
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.564	69.74
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.648	69.64
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.692	69.98
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.562	69.98
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.66	79.87
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.557	80.15
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.337	80.15
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.609	79.91
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.587	90.29
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.559	90.28
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.415	90.6
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.694	90.4
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.627	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.56	100.6

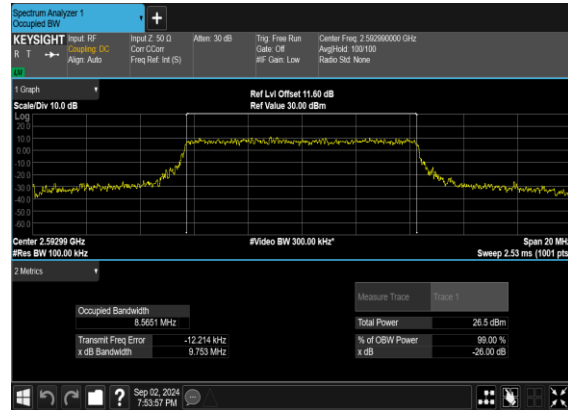


41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.526	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.555	100.5

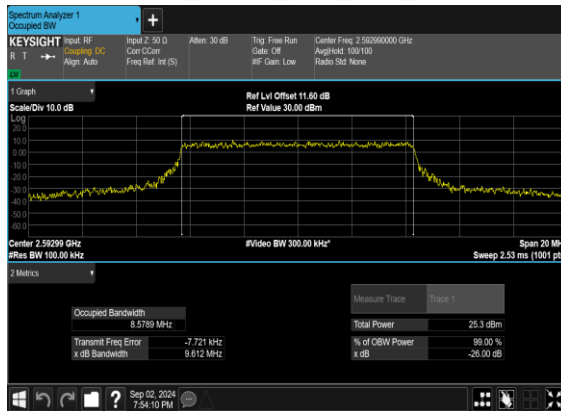
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



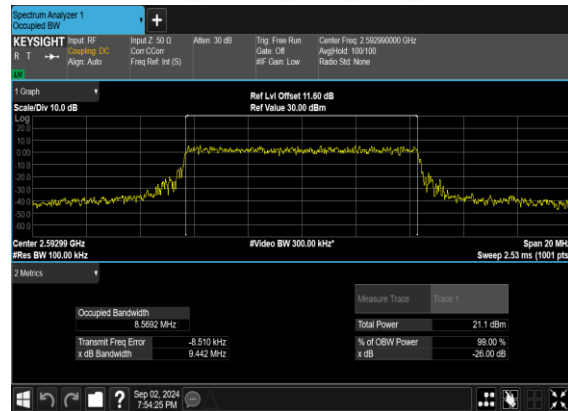
N41(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

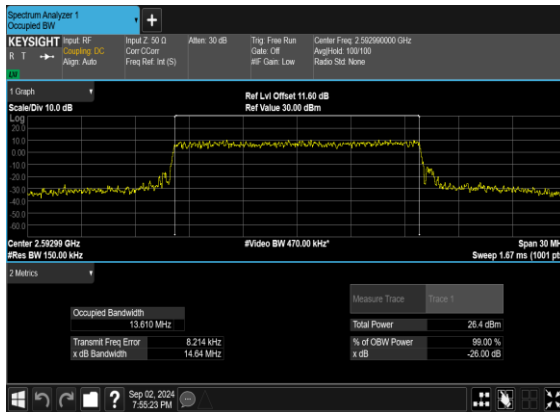


N41(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

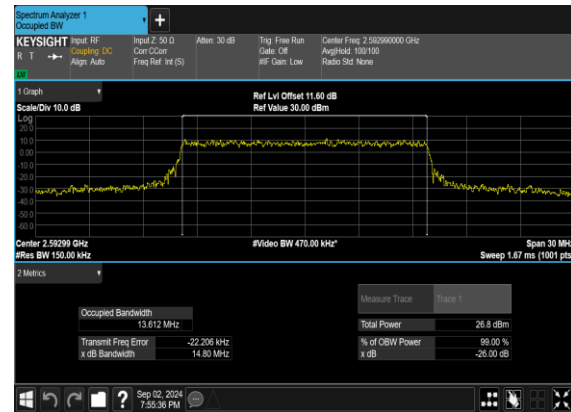




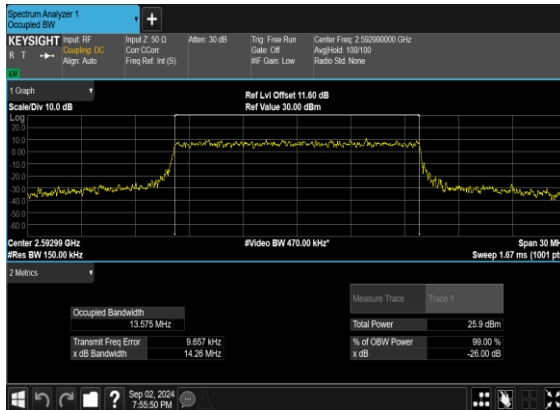
N41(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



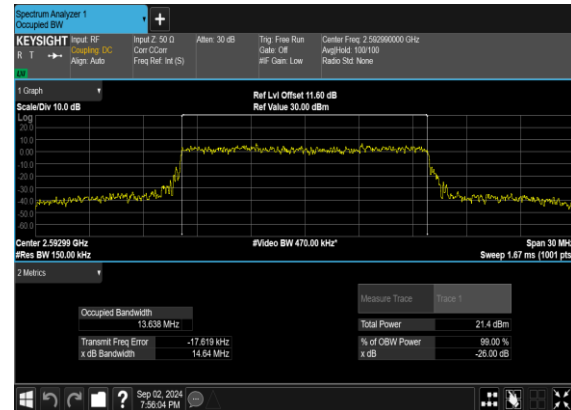
N41(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

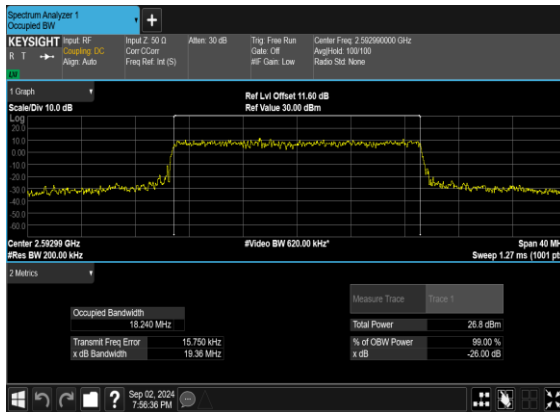


N41(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

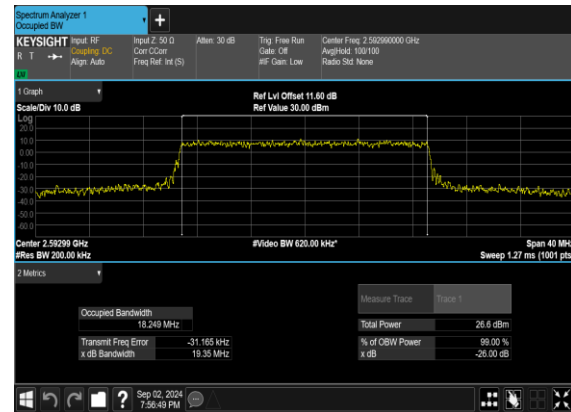




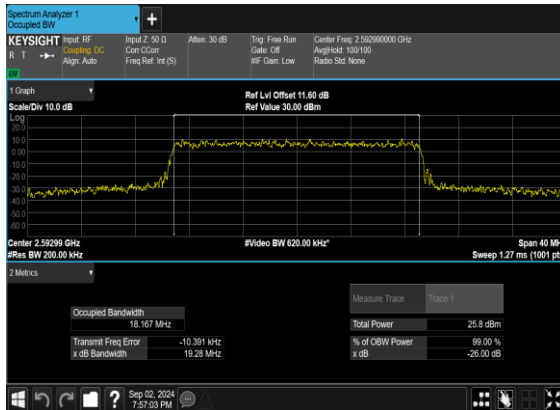
N41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



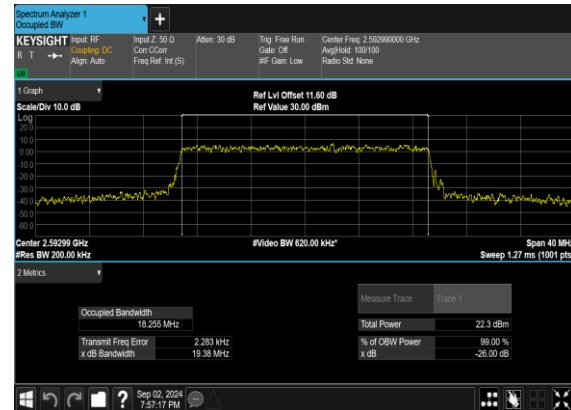
N41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

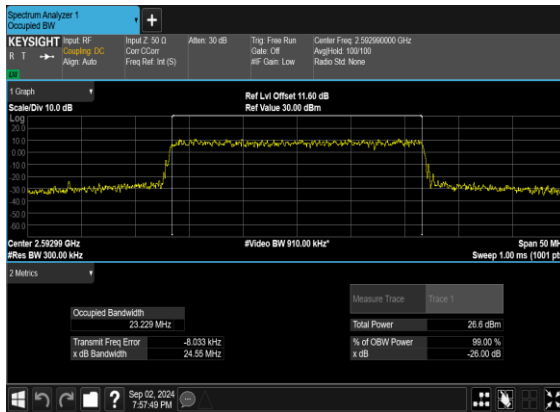


N41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

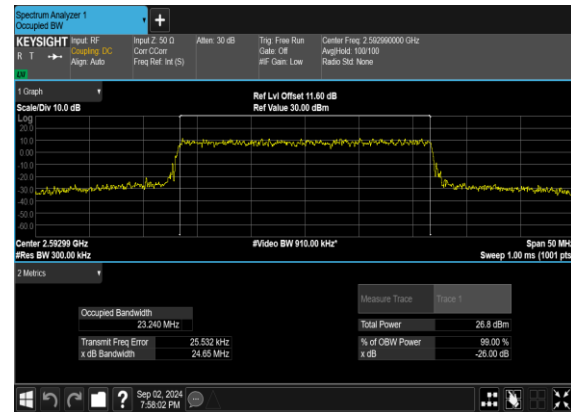




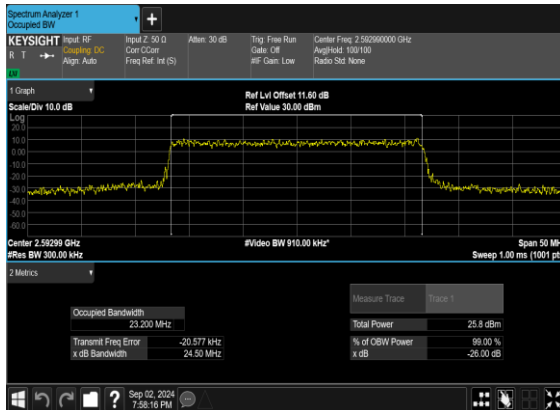
N41(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



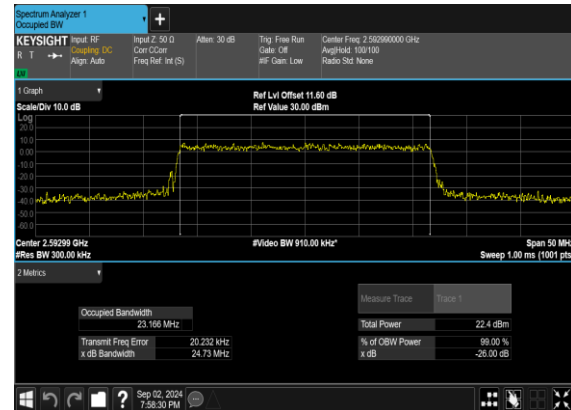
N41(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

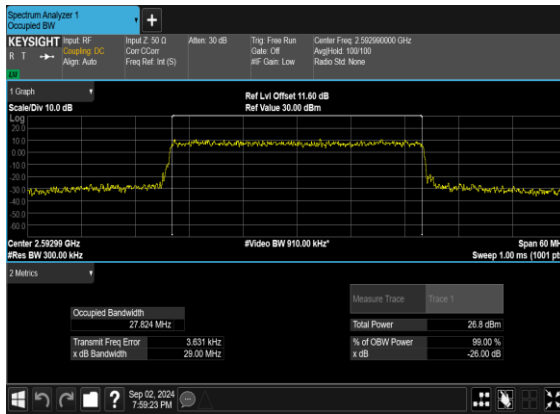


N41(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

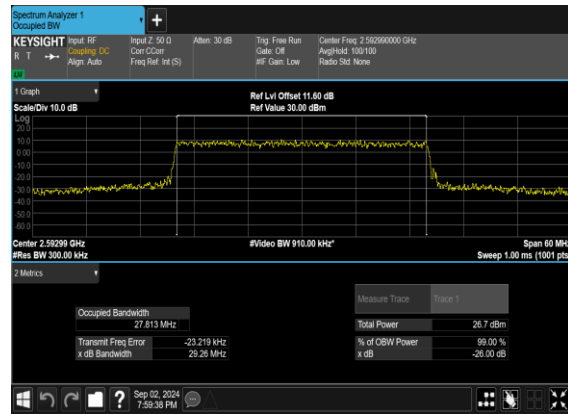




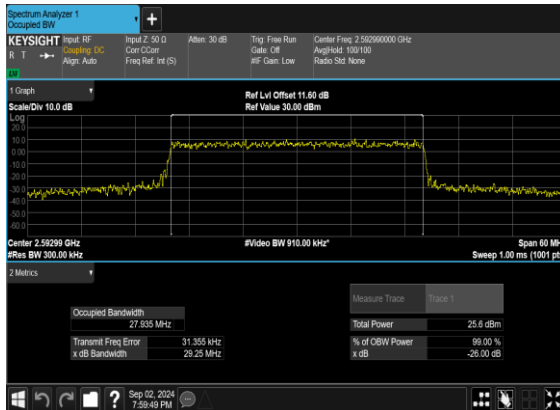
N41(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



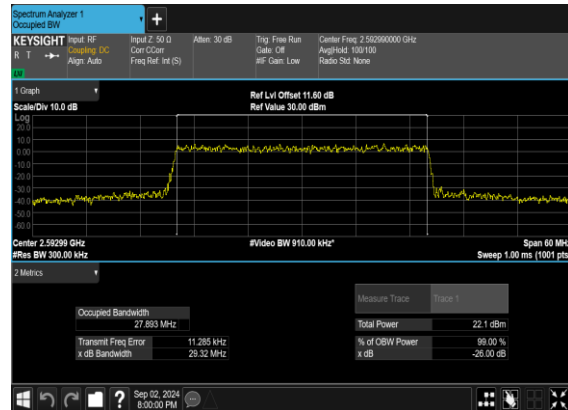
N41(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

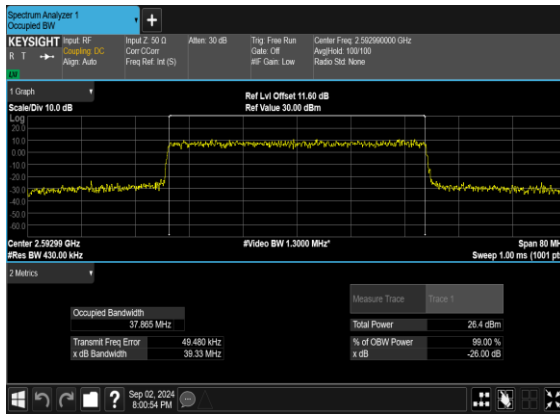


N41(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

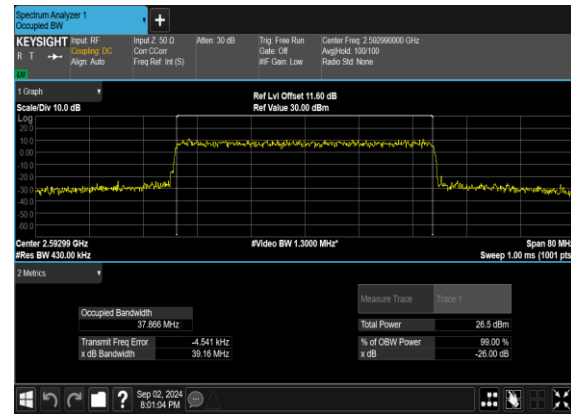




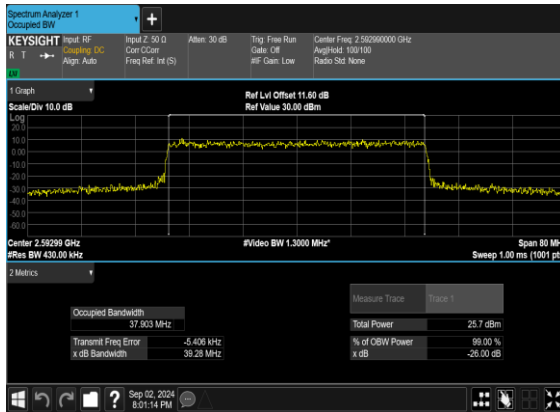
N41(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

