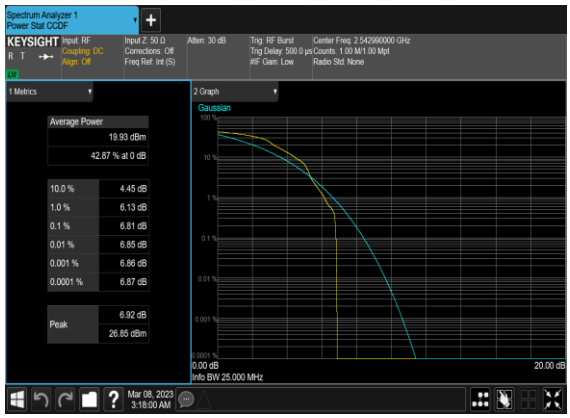
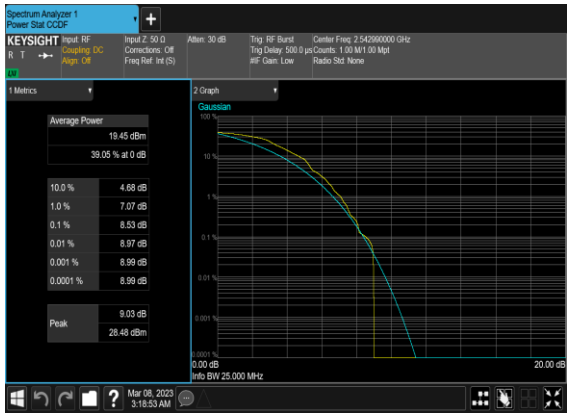
N41(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N41(100M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

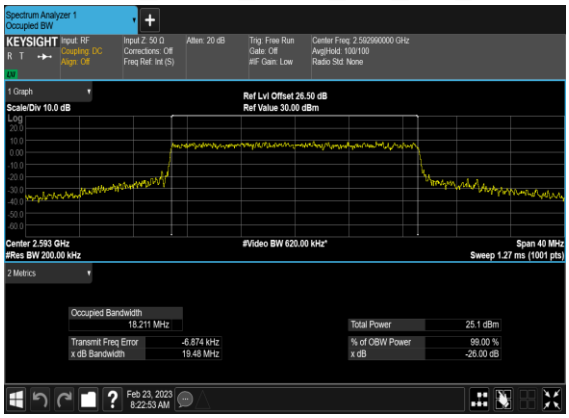


Occupied Bandwidth

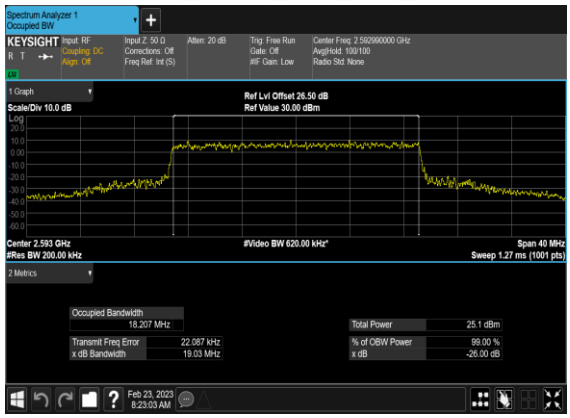
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.211	19.48
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.207	19.03
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.244	19.03
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.193	18.84
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.797	29.23
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.81	29.09
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.894	28.89
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.82	29.56
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.721	39.15
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.796	39.18
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.868	39.22
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.764	39.21
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.406	49.29
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.477	49.23
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.648	49.15
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.409	49.01
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.83	59.72
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.776	59.74
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.686	59.99
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.722	59.77
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.46	69.49
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.424	69.56
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.484	70.01
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.524	69.57
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.367	79.92
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.728	80.07

41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.419	79.9
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.347	79.92
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.185	90.38
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.217	90.21
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.429	90.15
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.446	90.25
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.193	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.484	100.5
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.459	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.645	100.5

N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

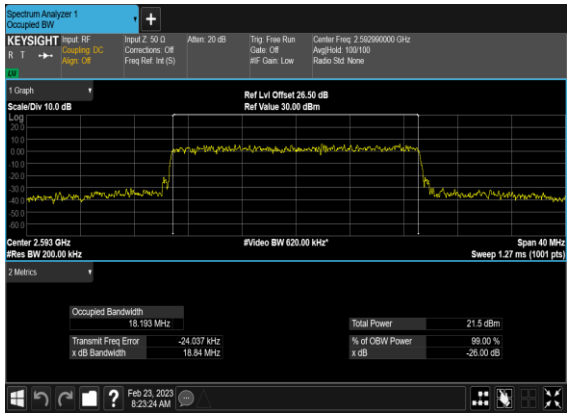


N41(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

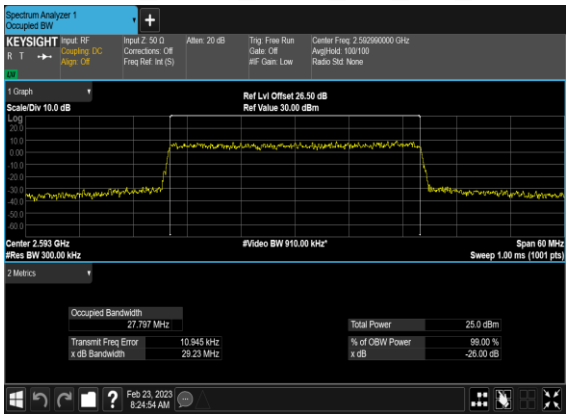


N41(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

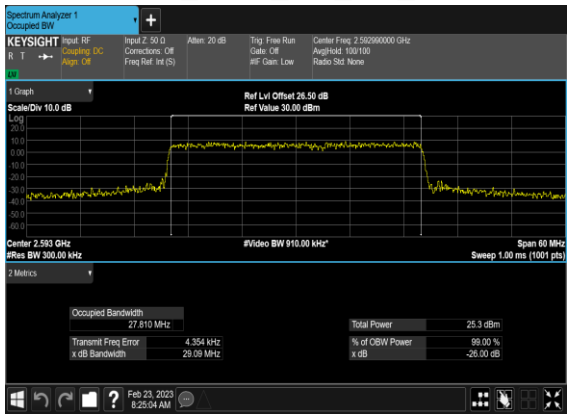
N41(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



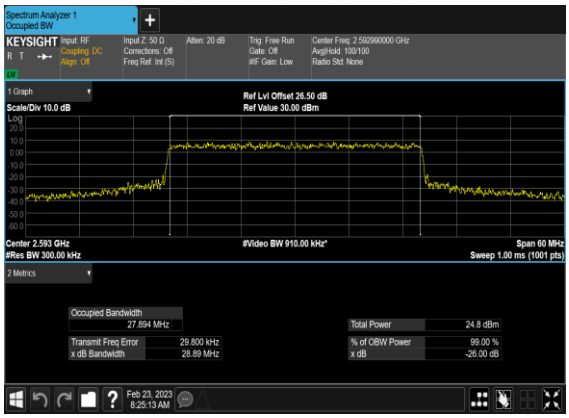
N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



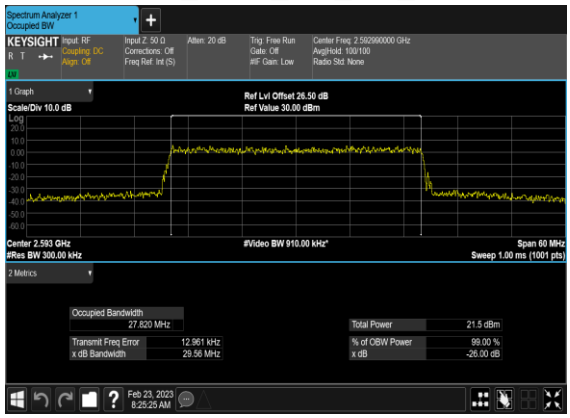
N41(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



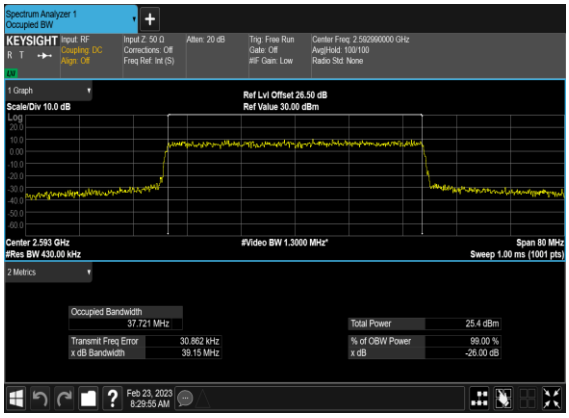
N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



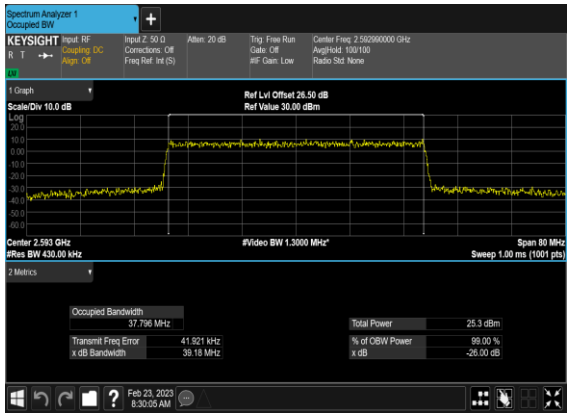
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



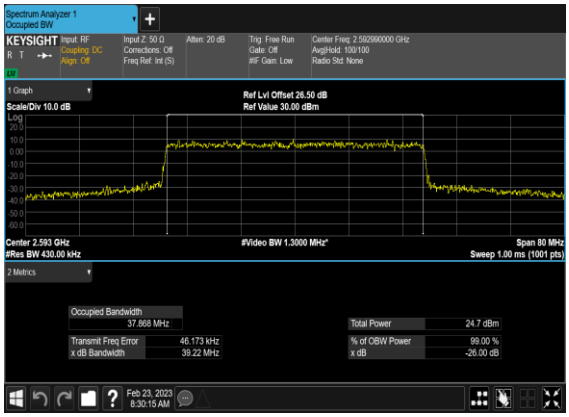
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



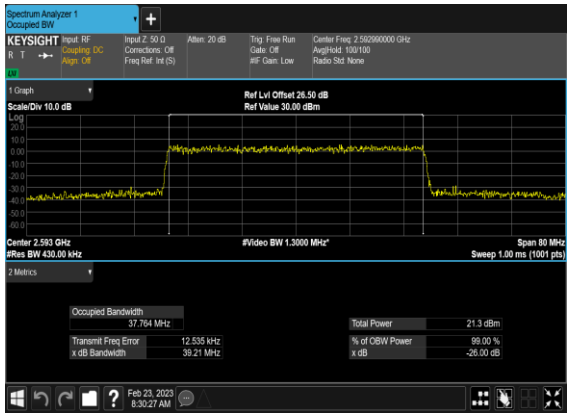
N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



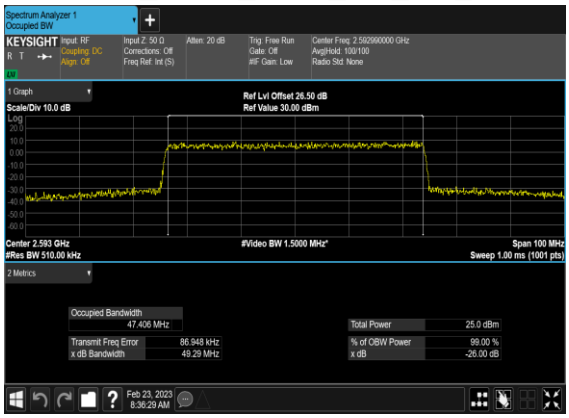
N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



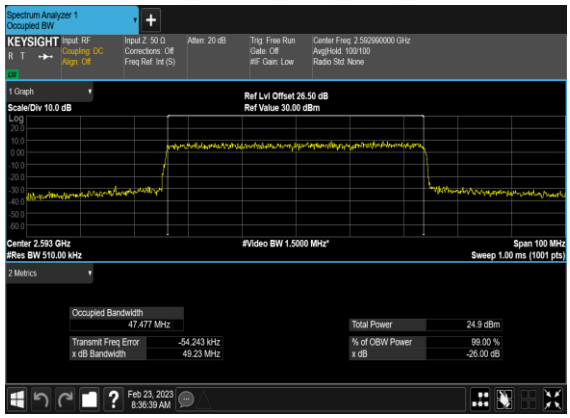
N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



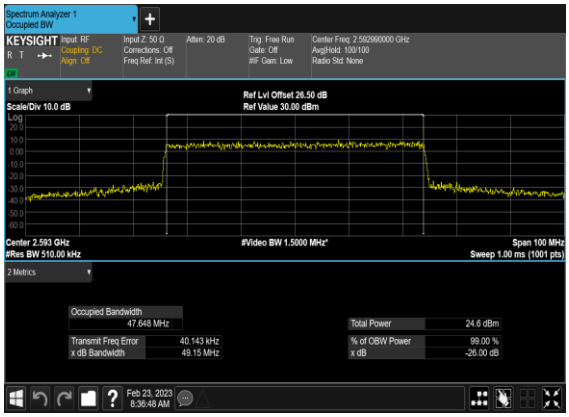
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



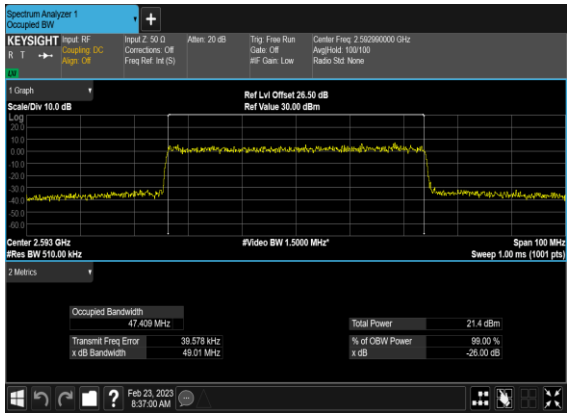
N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



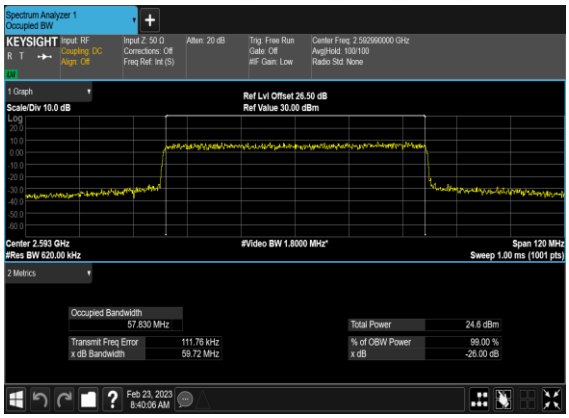
N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



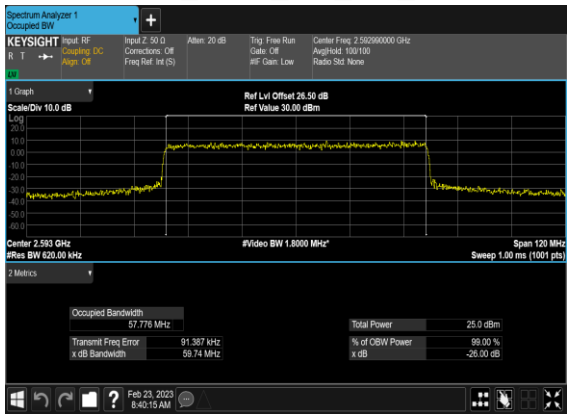
N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



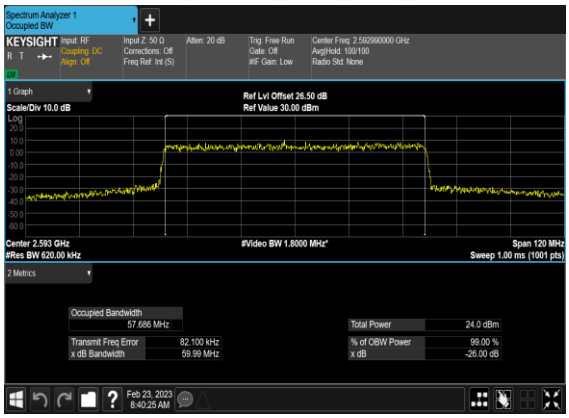
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



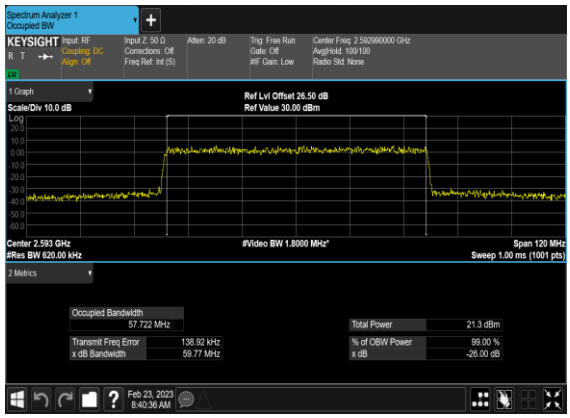
N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



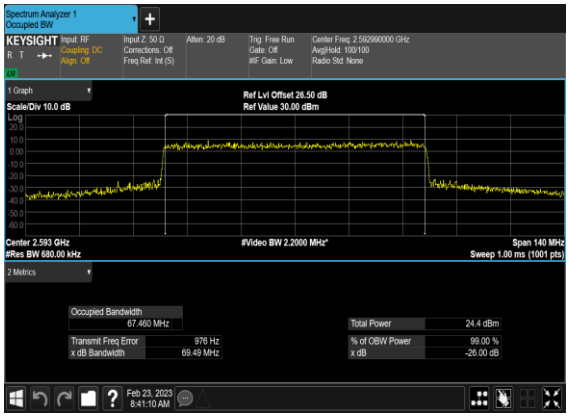
N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



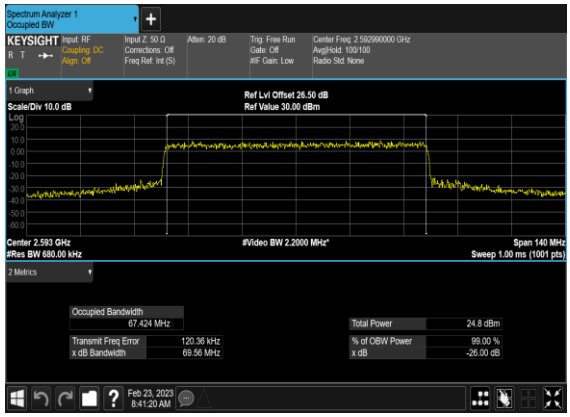
N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



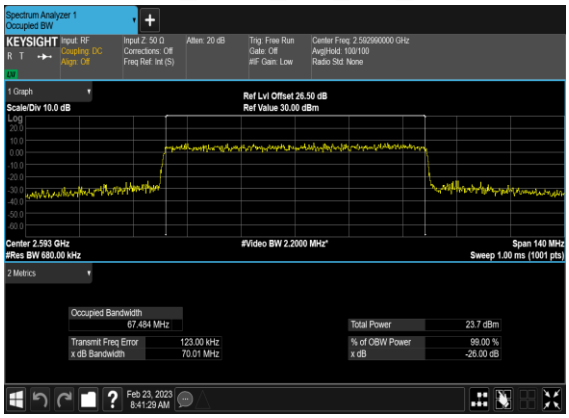
N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



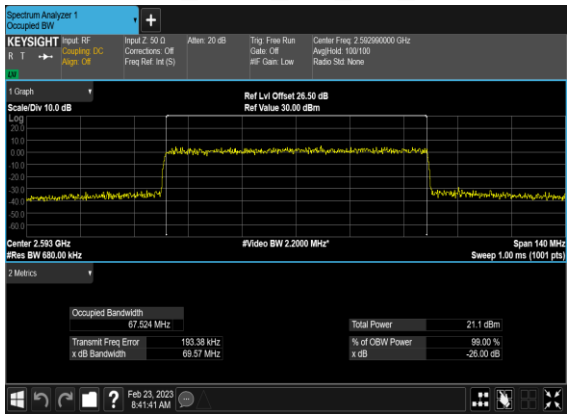
N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



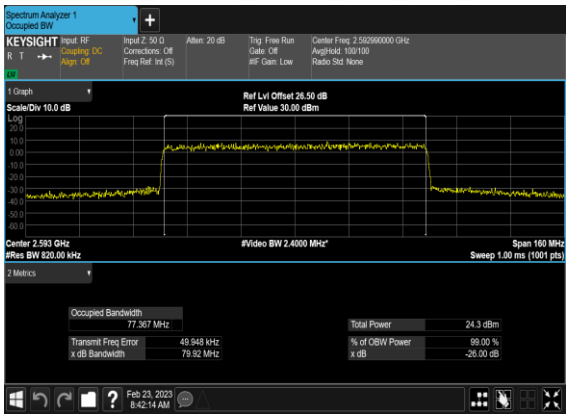
N41(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



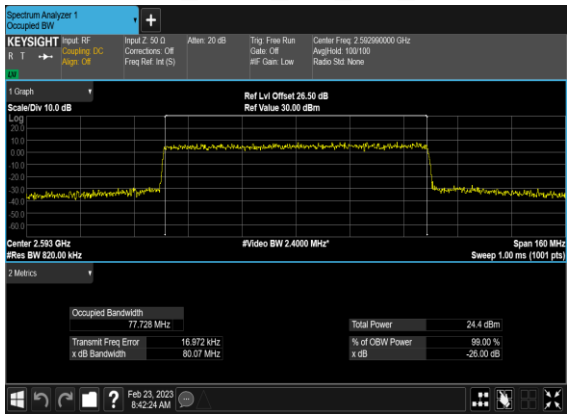
N41(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



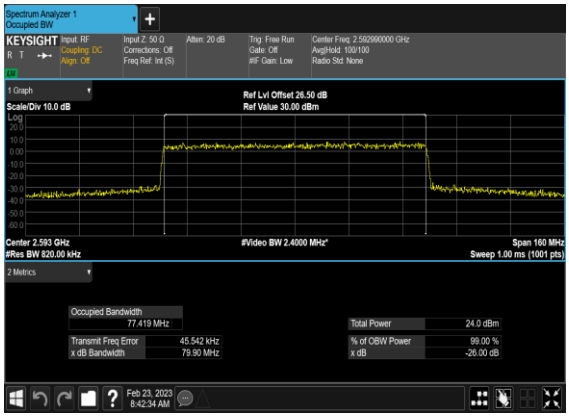
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



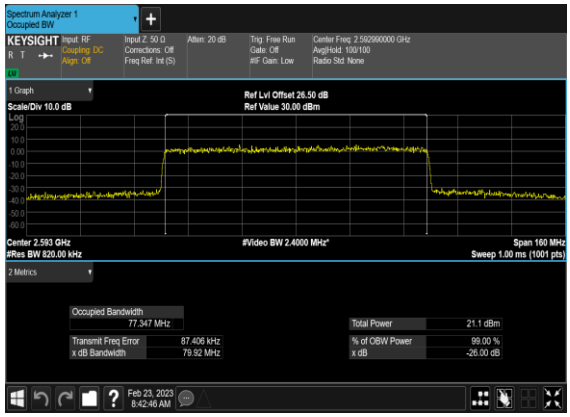
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



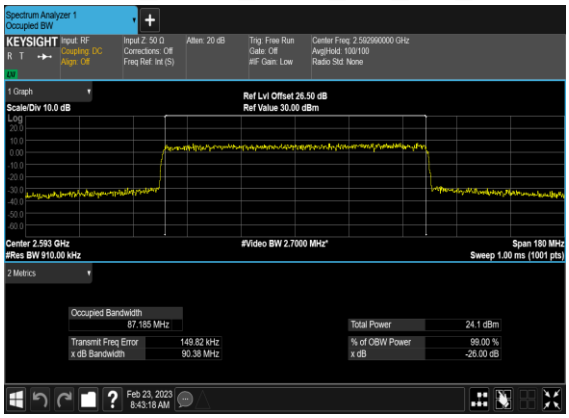
N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



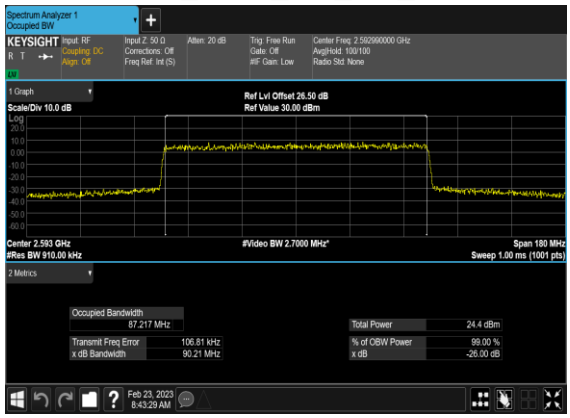
N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



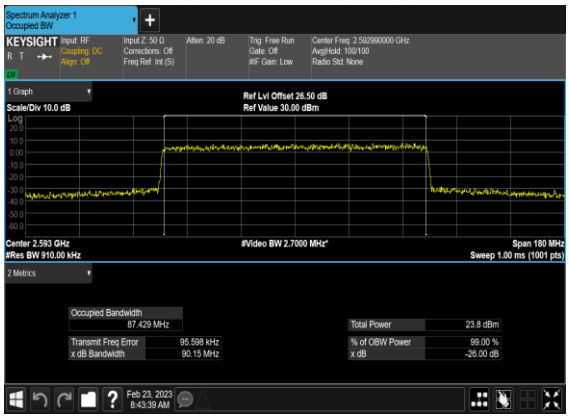
N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



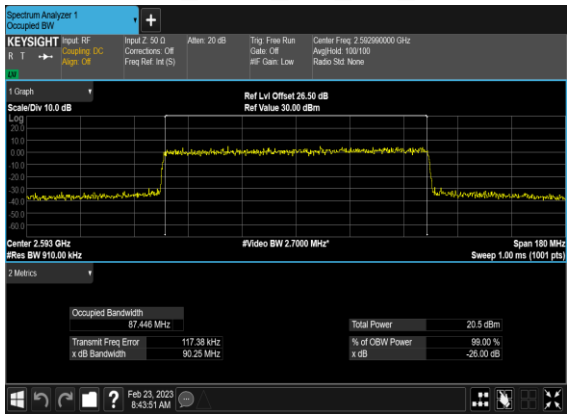
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

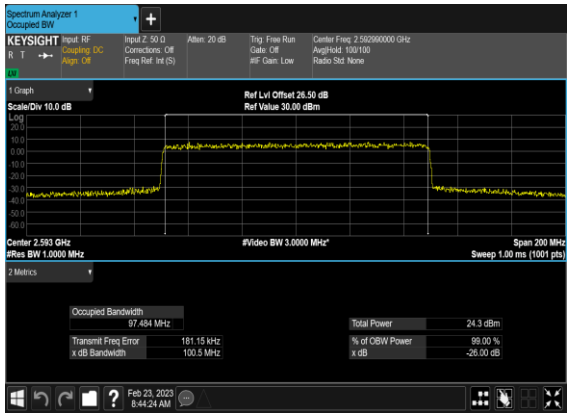


N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

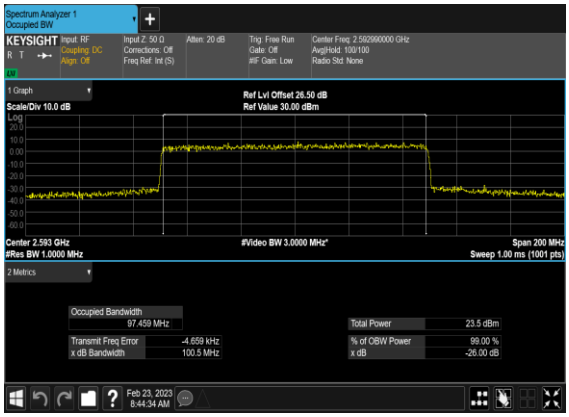


N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

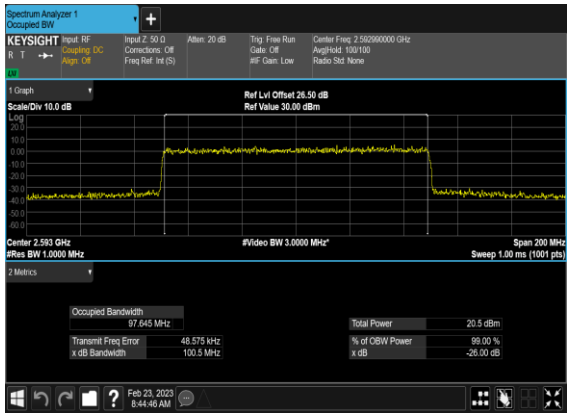
N41(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



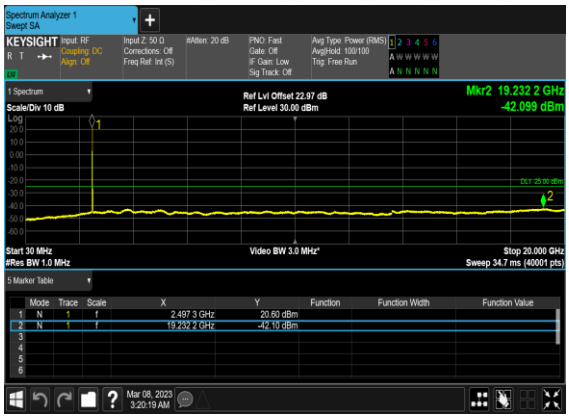
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@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	**---**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

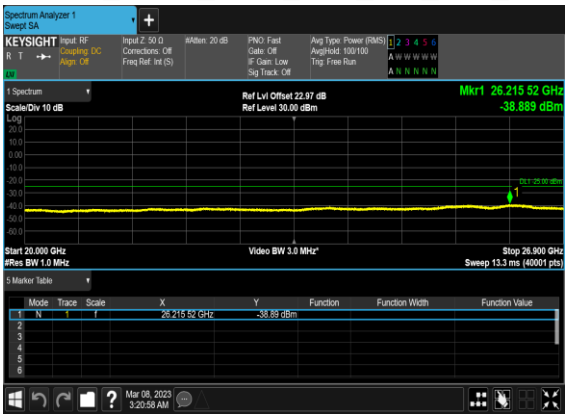
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@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	**---**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	518598	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	518598	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

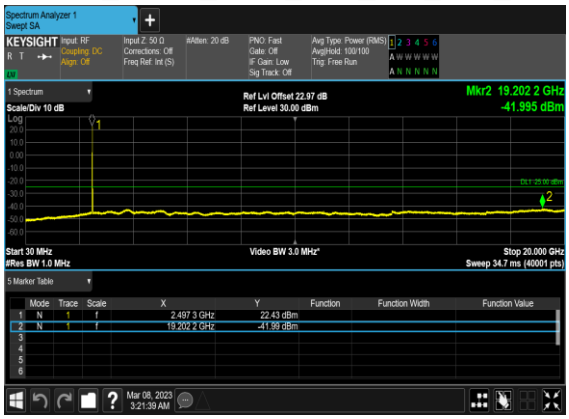
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



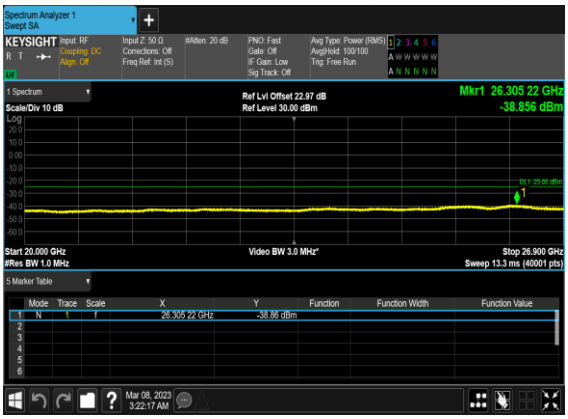
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



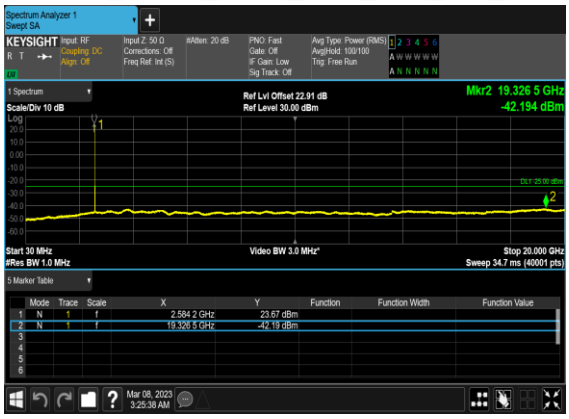
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



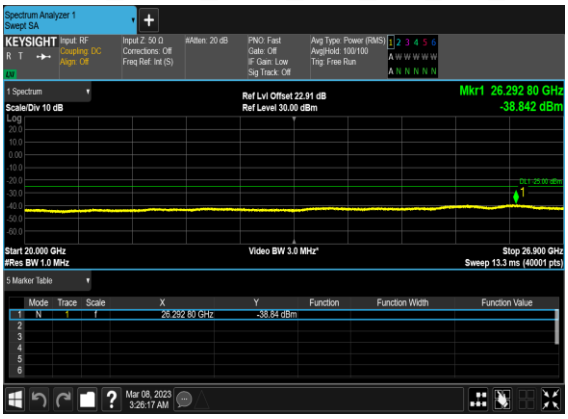
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



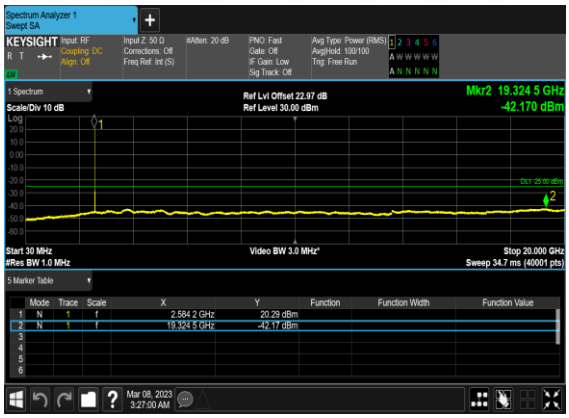
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



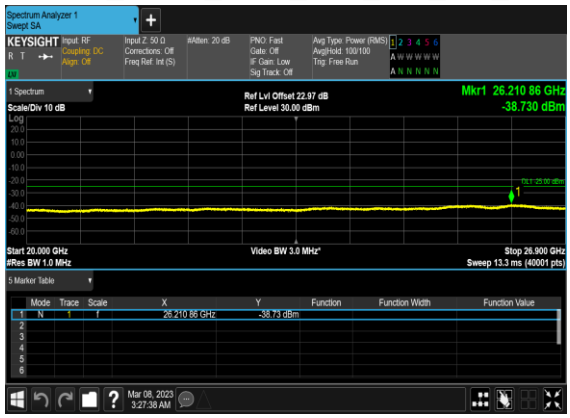
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



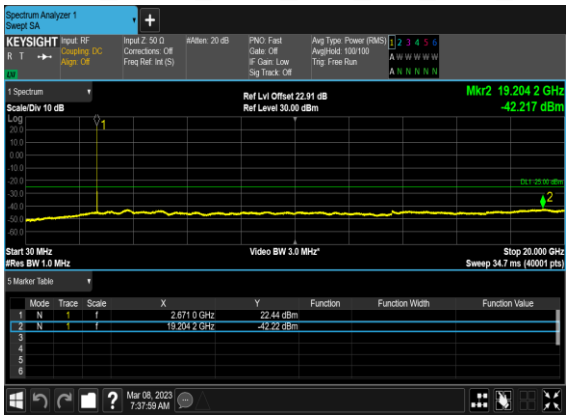
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



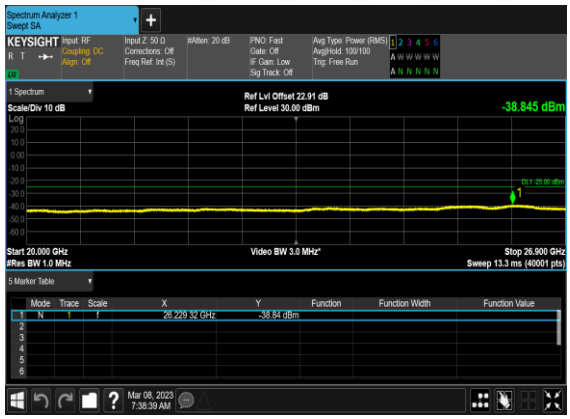
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



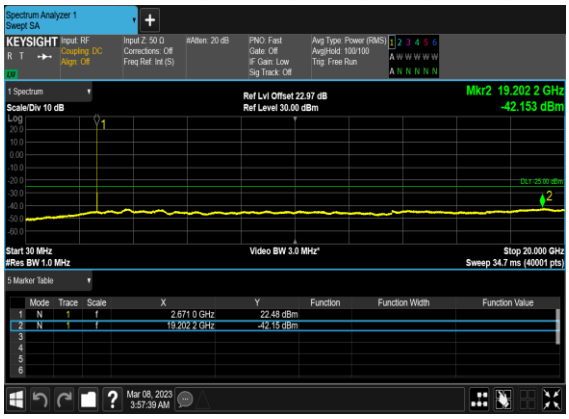
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



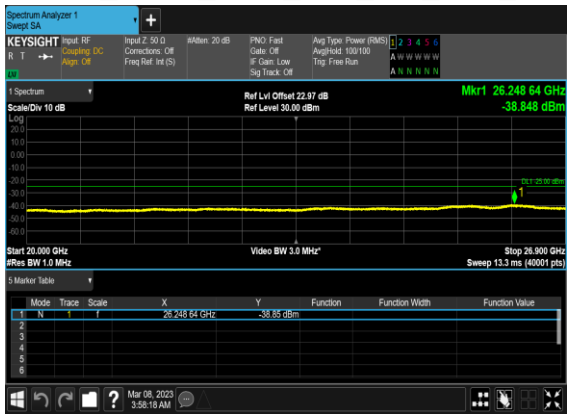
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



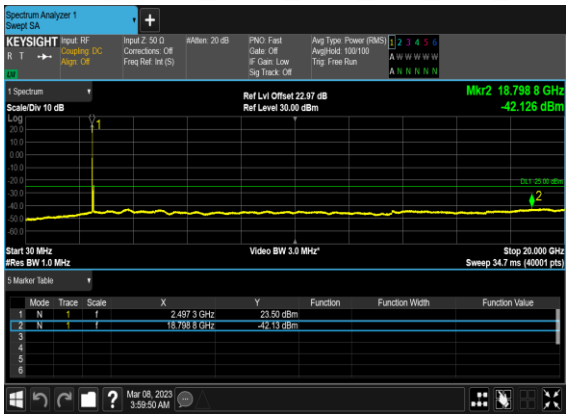
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



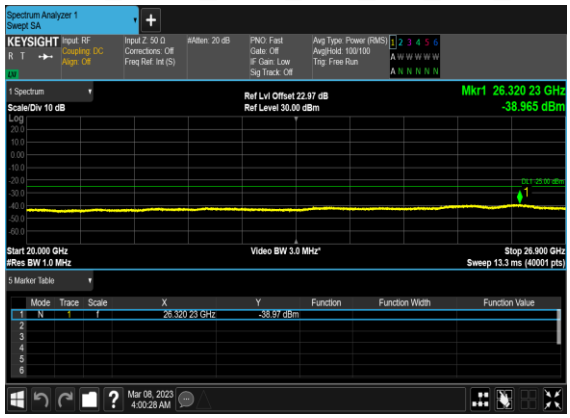
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



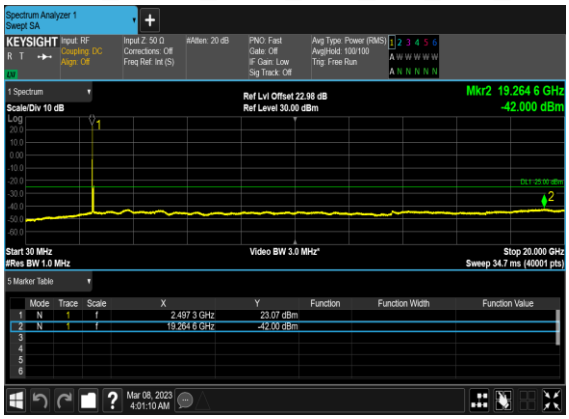
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



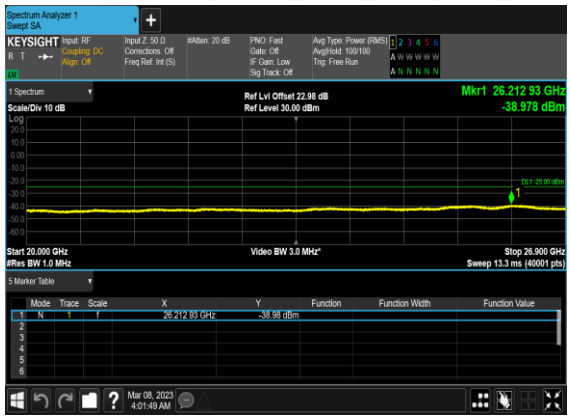
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



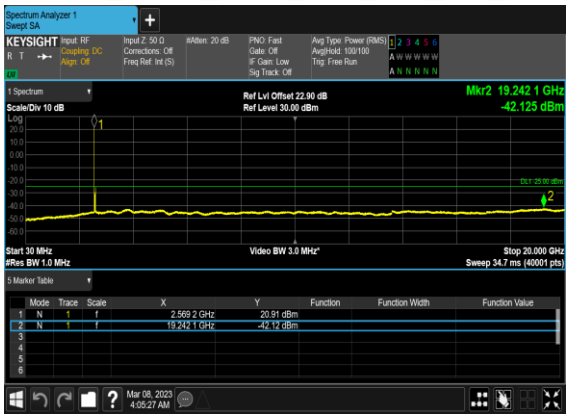
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



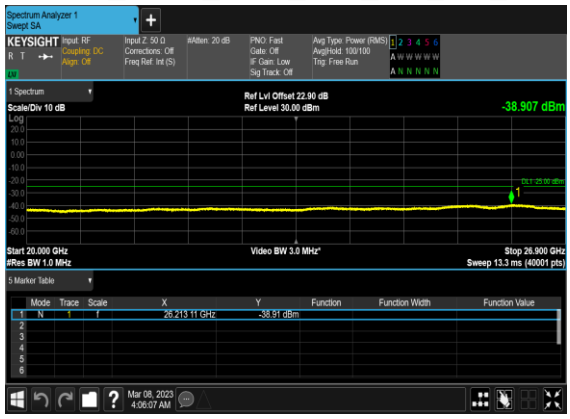
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



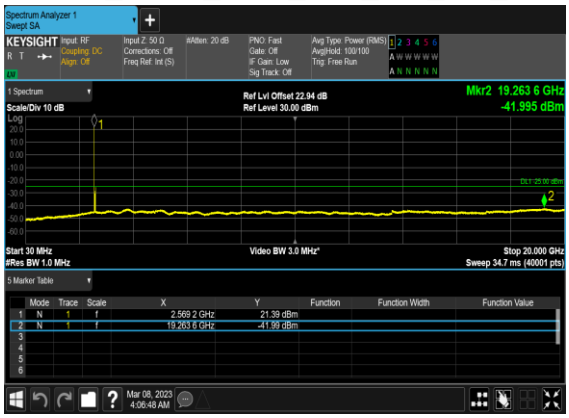
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



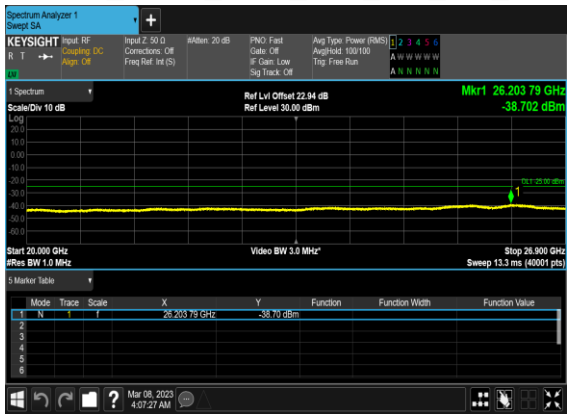
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



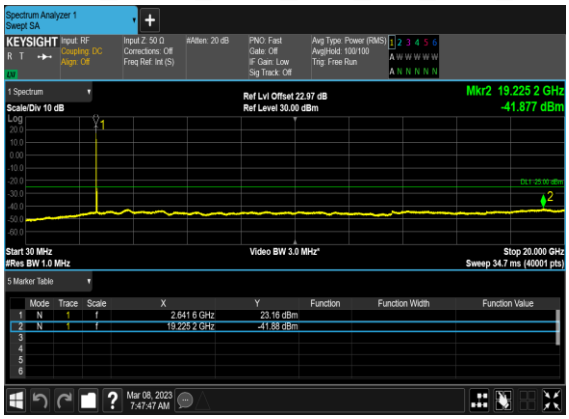
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



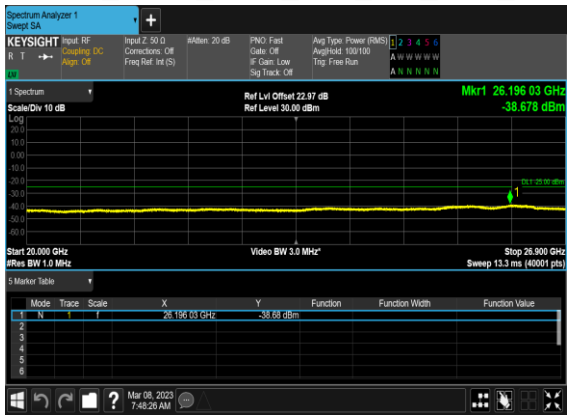
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



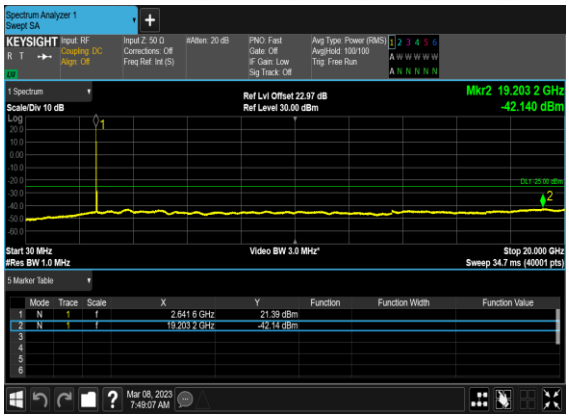
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



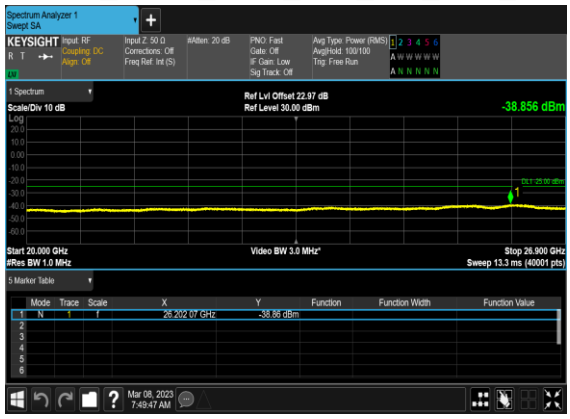
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



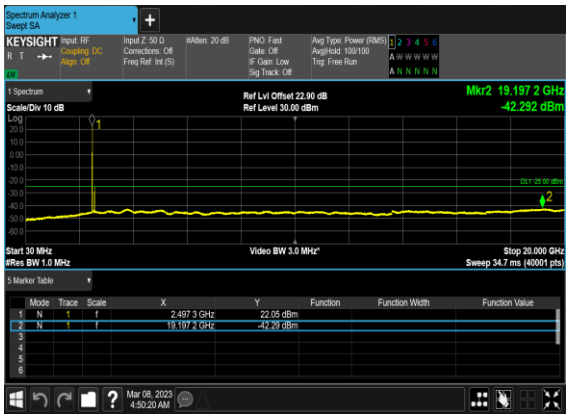
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



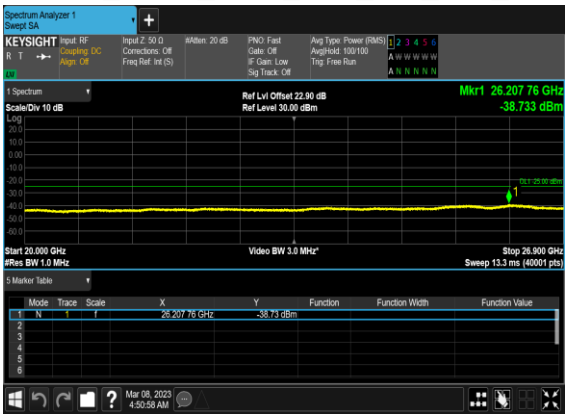
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



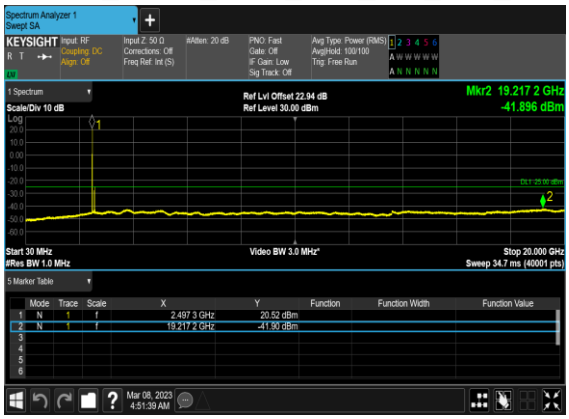
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



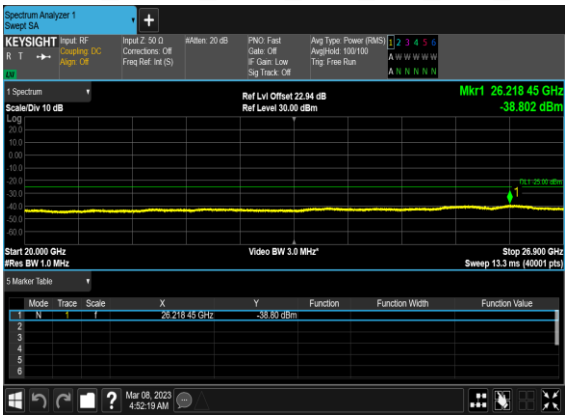
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



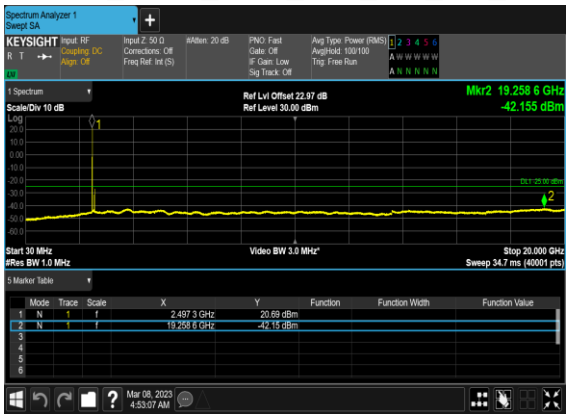
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



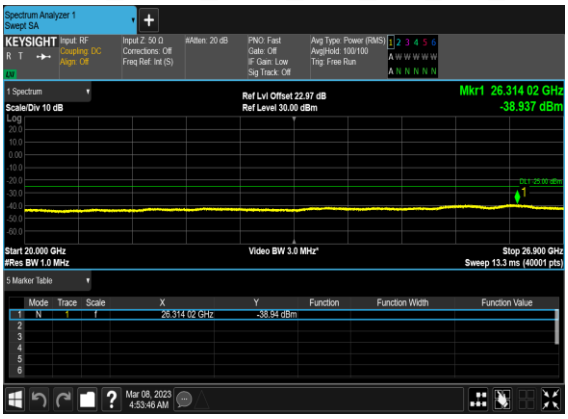
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



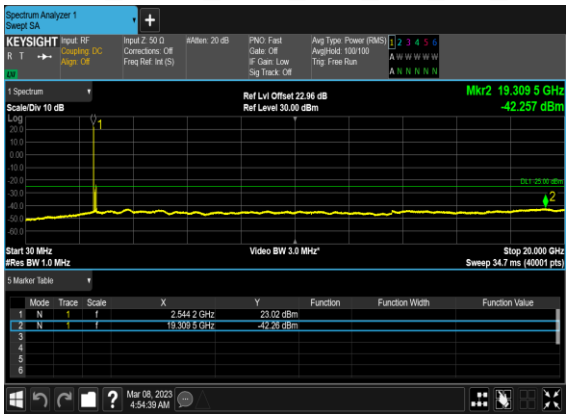
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



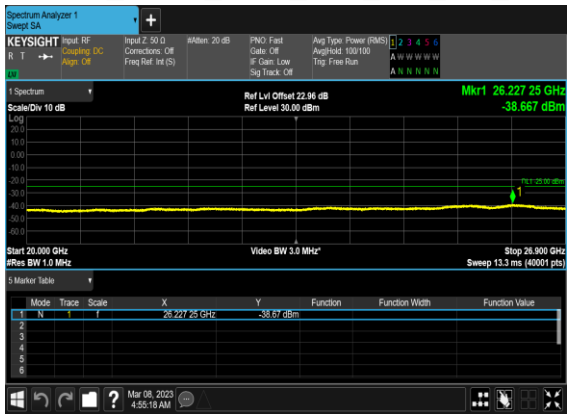
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



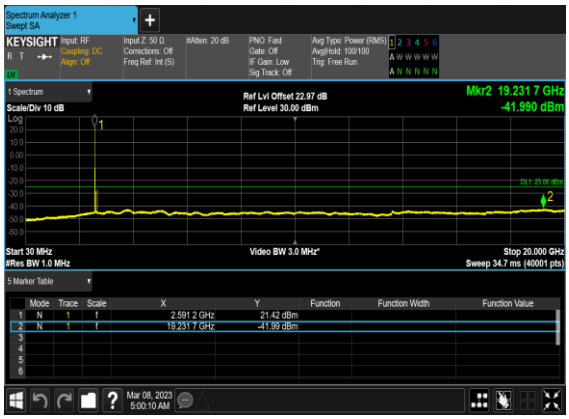
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



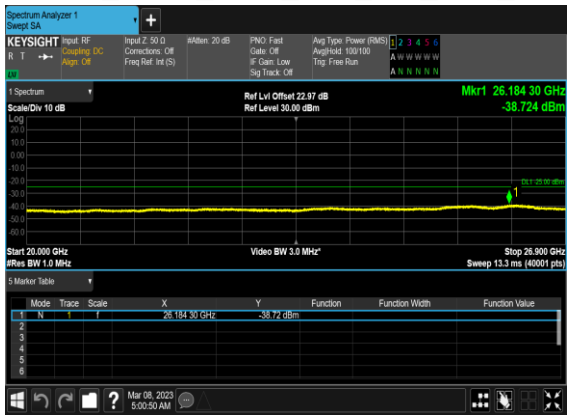
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



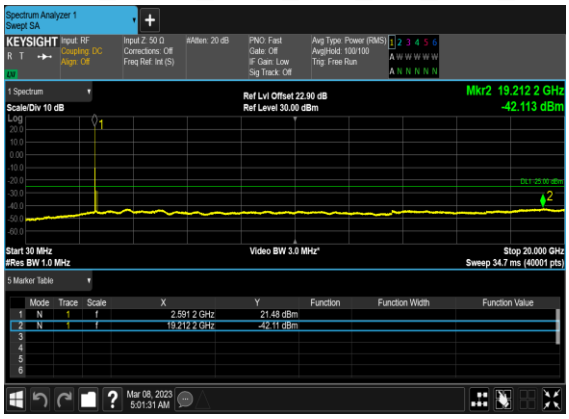
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



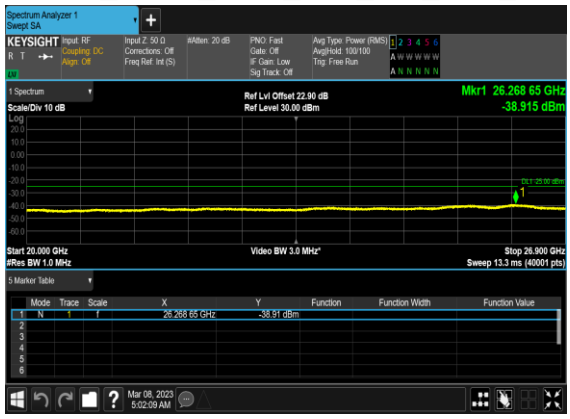
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



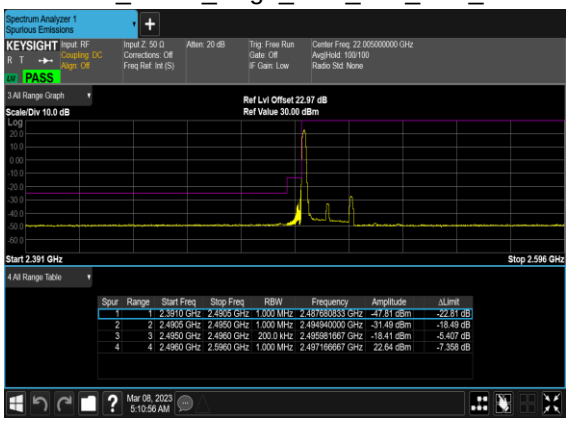
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



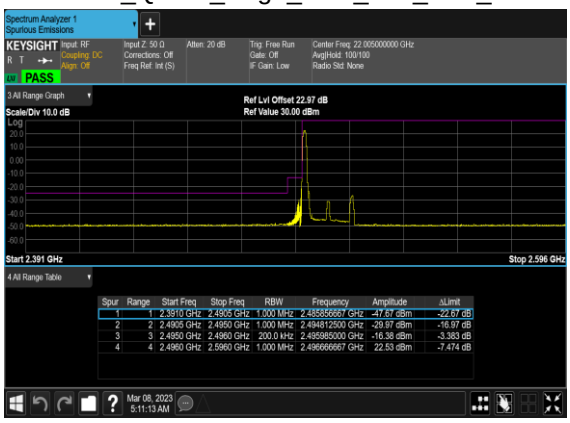
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@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 QPSK	270@0	see graph	**PASS**
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(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

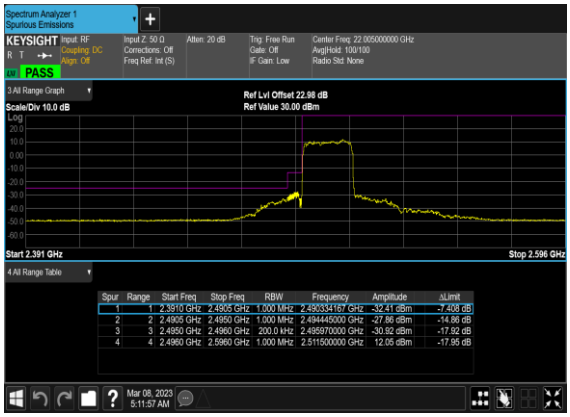


N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

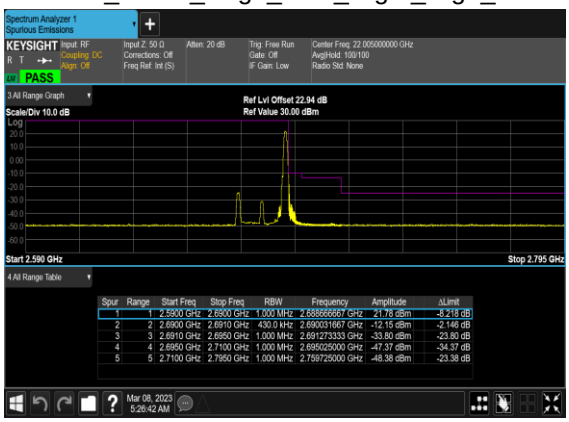


N41(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

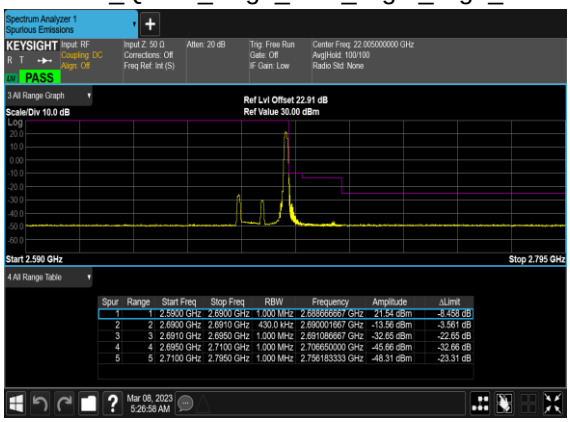
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



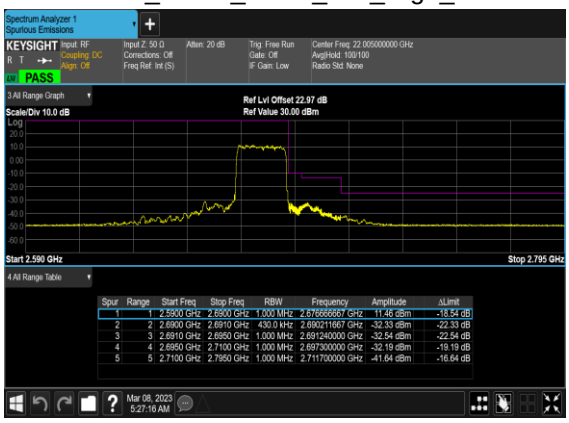
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



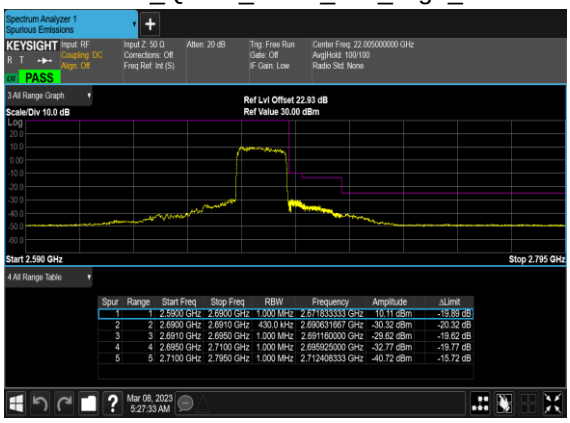
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



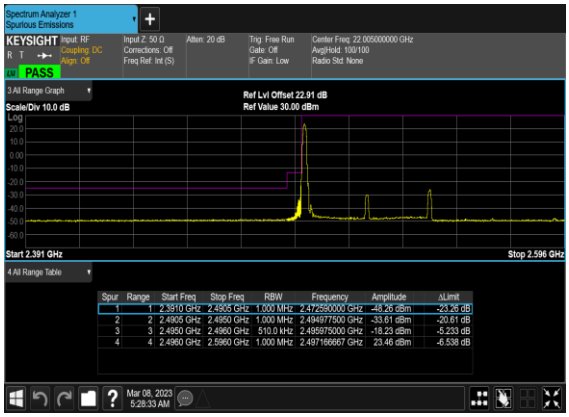
N41(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



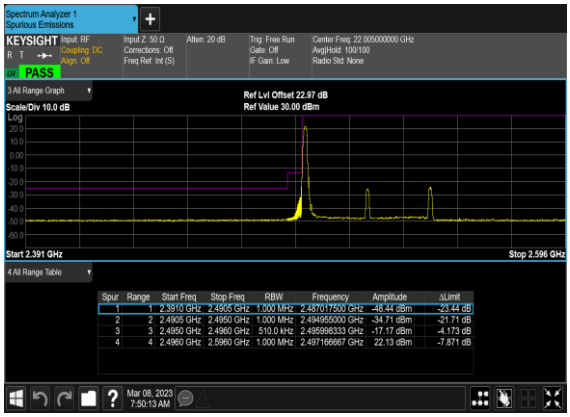
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



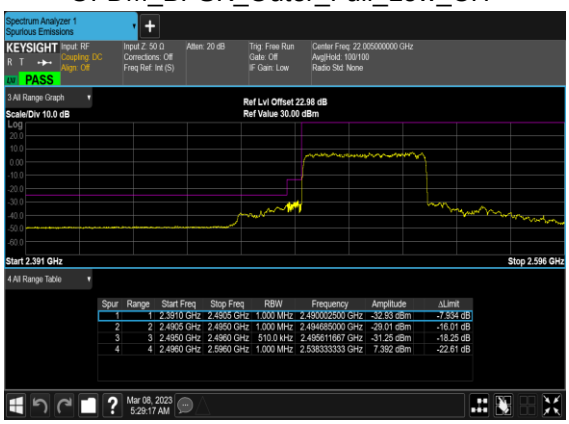
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



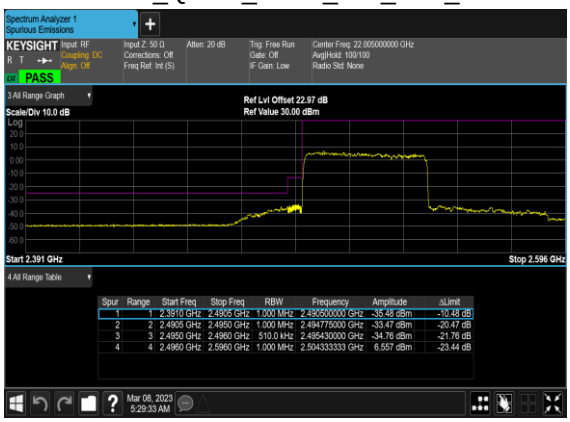
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



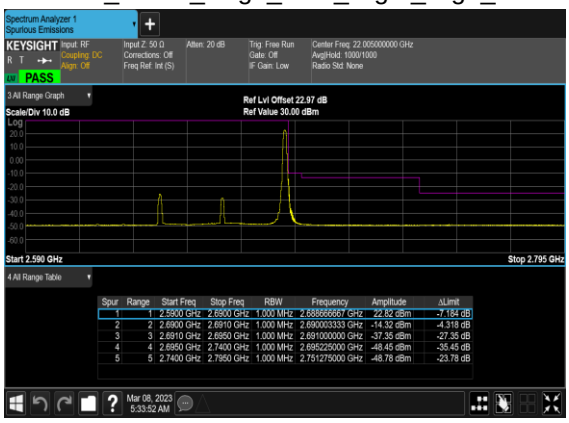
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



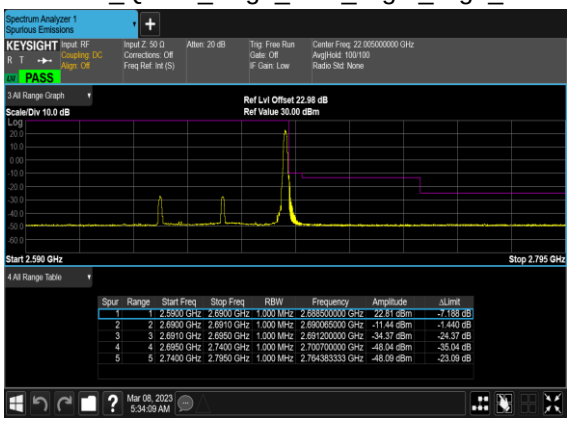
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

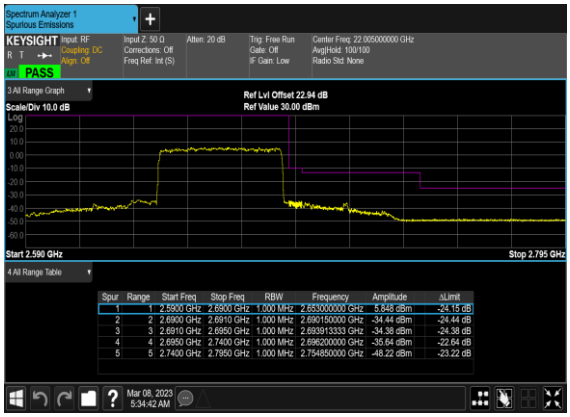


N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



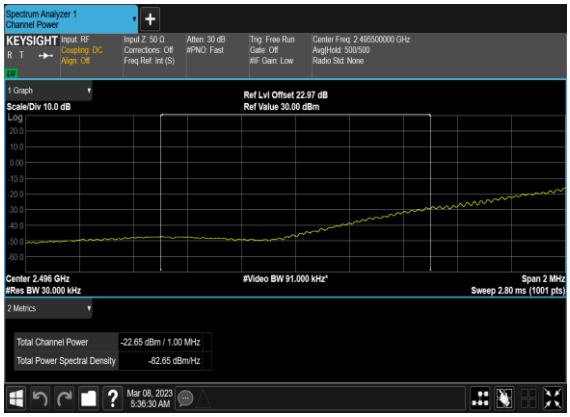
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



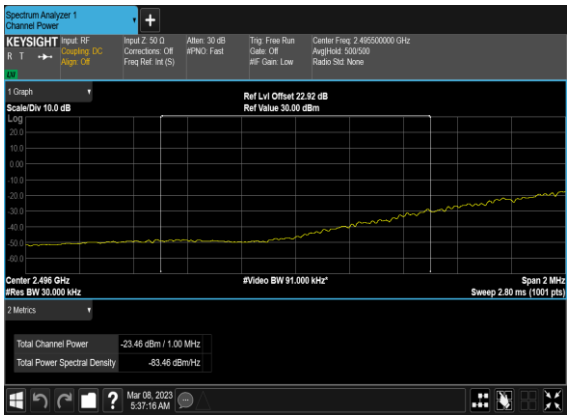
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

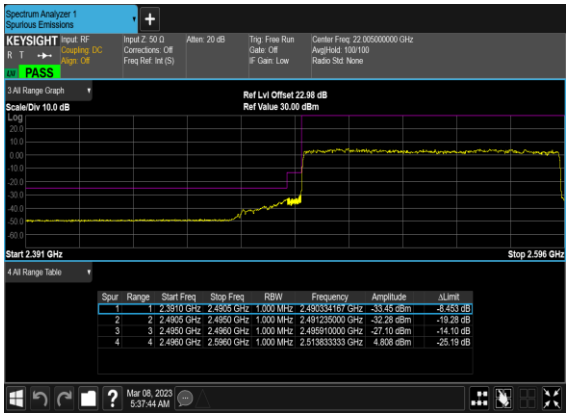


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

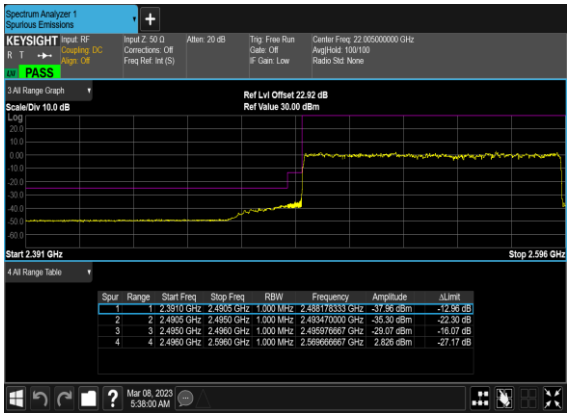
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

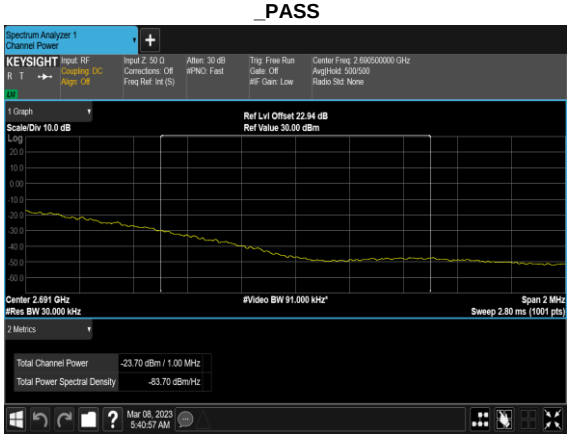


N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



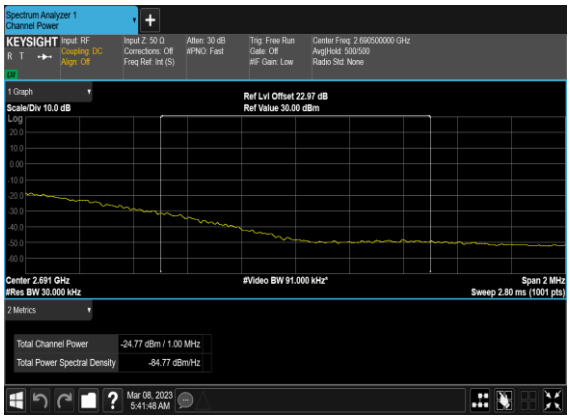
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

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: 23.02.011001

FR1 N66(ANT1)

Transmitter Conducted Output Power And EIRP, (G_T-L_C)=-0.9dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	23.35	22.45	0.1758
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	23.46	22.56	0.1803
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	23.33	22.43	0.1750
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.34	22.44	0.1754
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	23.17	22.27	0.1687
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	23.04	22.14	0.1637
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	22.36	21.46	0.1400
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	22.21	21.31	0.1352
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	22.43	21.53	0.1422
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	20.89	19.99	0.0998
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	20.68	19.78	0.0951
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	20.93	20.03	0.1007
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	18.86	17.96	0.0625
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	18.35	17.45	0.0556
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	18.7	17.8	0.0603
66	15	40	346000	1730	CP-OFDM QPSK	108@54	21.78	20.88	0.1225
66	15	40	346000	1730	CP-OFDM QPSK	1@1	21.68	20.78	0.1197
66	15	40	346000	1730	CP-OFDM QPSK	1@214	21.95	21.05	0.1274
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	22.87	21.97	0.1574
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.14	22.24	0.1675
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	23.23	22.33	0.1710
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.37	22.47	0.1766
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	23.29	22.39	0.1734
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	23.41	22.51	0.1782
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	22.41	21.51	0.1416
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.31	21.41	0.1384
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	22.29	21.39	0.1377
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	20.86	19.96	0.0991
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.78	19.88	0.0973
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	20.79	19.89	0.0975
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	18.79	17.89	0.0615
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	18.55	17.65	0.0582
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	18.39	17.49	0.0561
66	15	40	349000	1745	CP-OFDM QPSK	108@54	21.78	20.88	0.1225
66	15	40	349000	1745	CP-OFDM QPSK	1@1	21.9	21	0.1259
66	15	40	349000	1745	CP-OFDM QPSK	1@214	21.89	20.99	0.1256
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	22.84	21.94	0.1563
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	23.28	22.38	0.1730
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	23.03	22.13	0.1633
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.42	22.52	0.1786

66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.42	22.52	0.1786
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	23.2	22.3	0.1698
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	22.42	21.52	0.1419
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	22.31	21.41	0.1384
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	22.21	21.31	0.1352
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	20.86	19.96	0.0991
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	20.82	19.92	0.0982
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	20.67	19.77	0.0948
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	18.8	17.9	0.0617
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	18.54	17.64	0.0581
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	18.5	17.6	0.0575
66	15	40	352000	1760	CP-OFDM QPSK	108@54	21.83	20.93	0.1239
66	15	40	352000	1760	CP-OFDM QPSK	1@1	21.8	20.9	0.1230
66	15	40	352000	1760	CP-OFDM QPSK	1@214	21.68	20.78	0.1197
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@1	23.14	22.24	0.1675
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	23.24	22.34	0.1714
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	22.26	21.36	0.1368
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.17	22.27	0.1687
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	23.32	22.42	0.1746
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.4	21.5	0.1413
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@1	23.13	22.23	0.1671
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	23.38	22.48	0.1770
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	22.33	21.43	0.1390
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	23.08	22.18	0.1652
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.23	22.33	0.1710
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.26	21.36	0.1368
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.27	22.37	0.1726
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	23.36	22.46	0.1762
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.43	21.53	0.1422
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	23.04	22.14	0.1637
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.14	22.24	0.1675
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.19	21.29	0.1346
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@1	23.1	22.2	0.1660
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.28	22.38	0.1730
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	22.35	21.45	0.1396
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.25	22.35	0.1718
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.34	22.44	0.1754
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.38	21.48	0.1406
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@1	23.09	22.19	0.1656
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.22	22.32	0.1706
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	22.3	21.4	0.1380
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	22.98	22.08	0.1614
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.18	22.28	0.1690
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.2	21.3	0.1349
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.12	22.22	0.1667
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.19	22.29	0.1694
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.29	21.39	0.1377
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	23.16	22.26	0.1683

66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.09	22.19	0.1656
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.19	21.29	0.1346
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@1	23	22.1	0.1622
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.18	22.28	0.1690
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	22.19	21.29	0.1346
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.11	22.21	0.1663
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	23.3	22.4	0.1738
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.3	21.4	0.1380
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@1	23.16	22.26	0.1683
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	23.2	22.3	0.1698
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	22.3	21.4	0.1380

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	0.0014	**PASS**	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0009	**PASS**	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0026	**PASS**	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0017	**PASS**	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0018	**PASS**	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0026	**PASS**	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0033	**PASS**	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0022	**PASS**	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0014	**PASS**	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0028	**PASS**	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0026	**PASS**	50℃

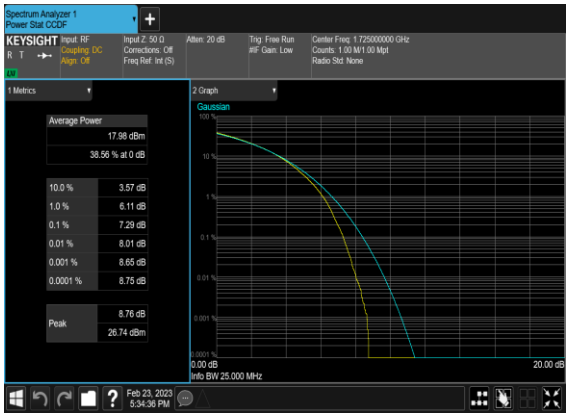
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	216@0	7.04	13	**PASS**
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	4.32	13	**PASS**
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	216@0	7.29	13	**PASS**
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	5.68	13	**PASS**

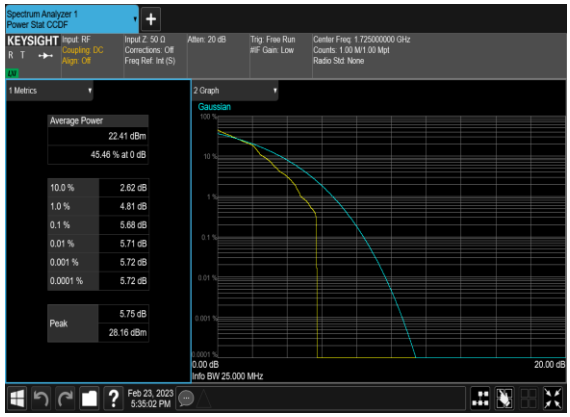
N66(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N66(40M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N66(40M)_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	4.4715	4.862
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4745	4.926
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4636	4.845
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4784	4.916
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2822	9.86
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2986	9.866
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2626	9.829
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2808	9.821
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.083	14.8
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.093	14.73
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.108	14.75
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.06	14.88
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.886	19.59
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.926	19.74
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.888	19.68
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.917	19.74
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.519	29.5
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.52	29.6
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.533	29.64
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.446	31.09
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.399	39.83
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.477	39.85
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.528	39.81
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.521	39.82