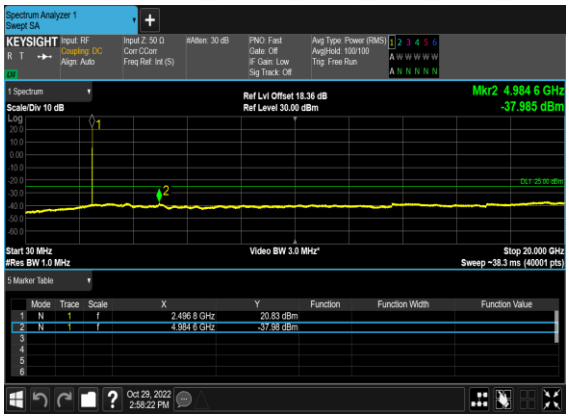
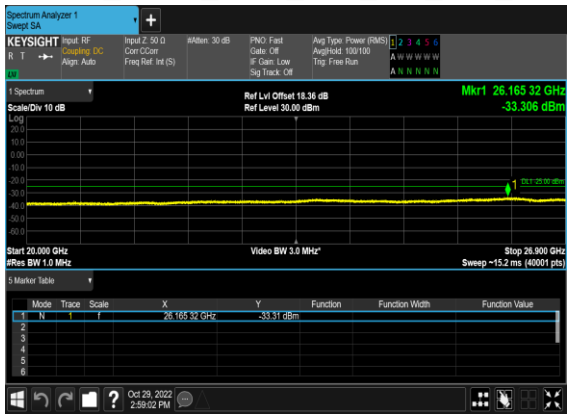
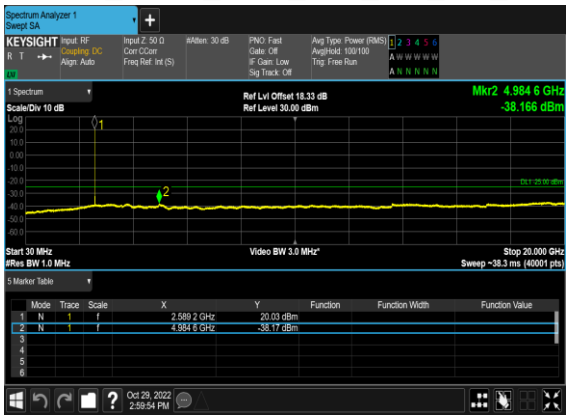
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



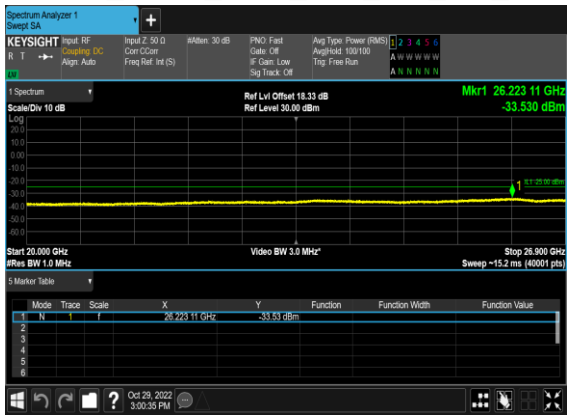
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



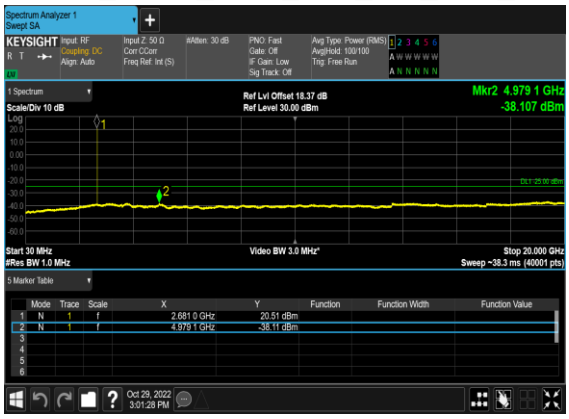
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



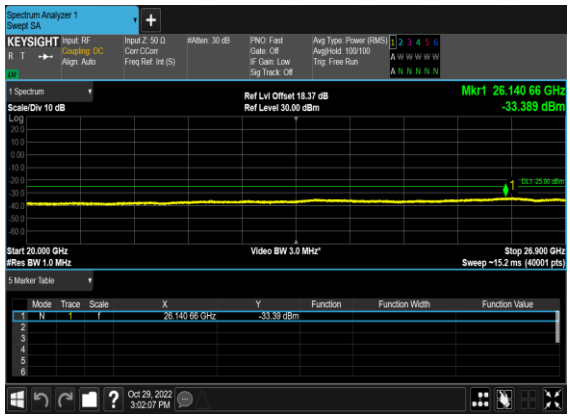
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



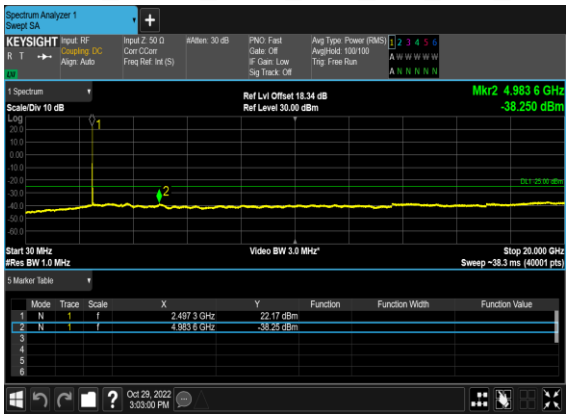
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



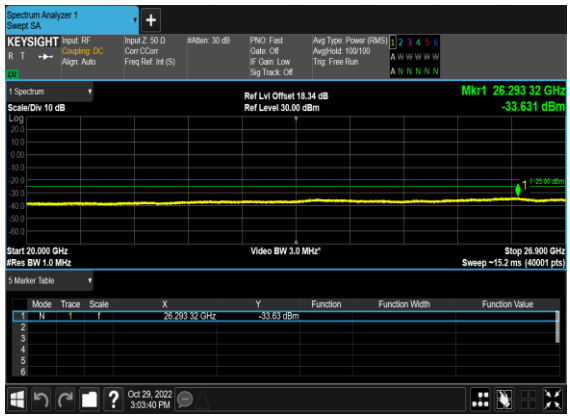
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



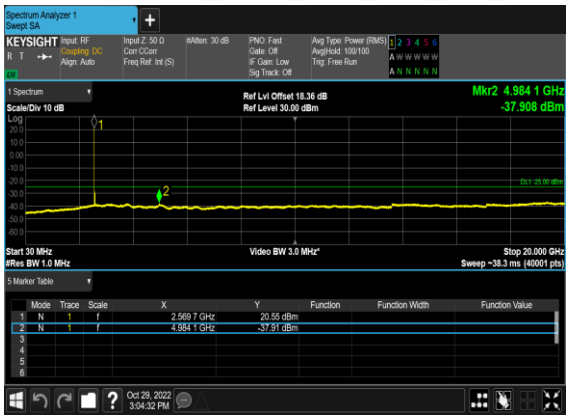
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



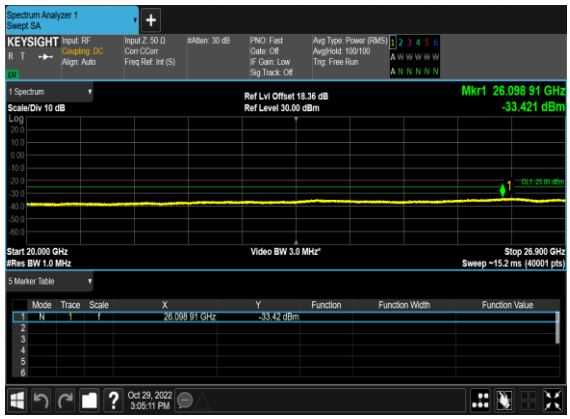
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



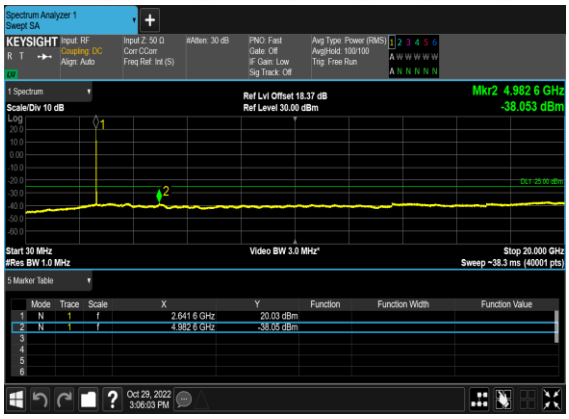
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



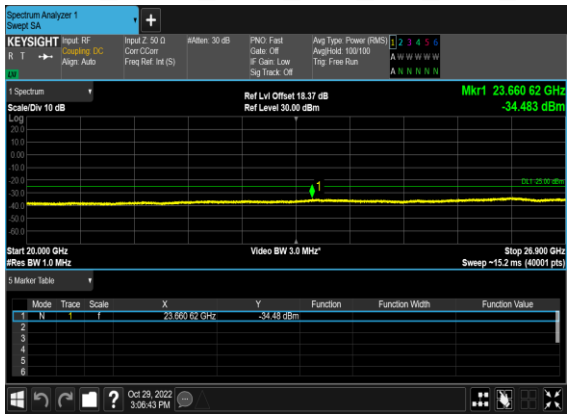
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



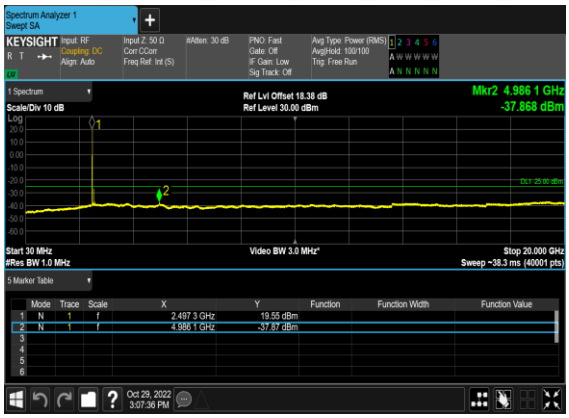
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



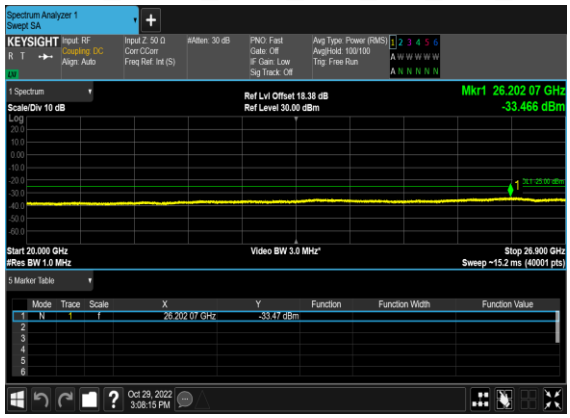
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



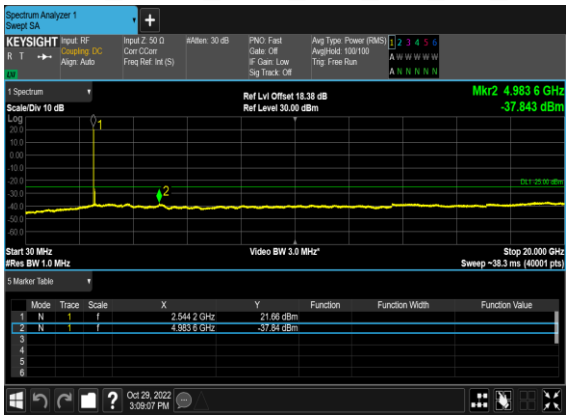
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



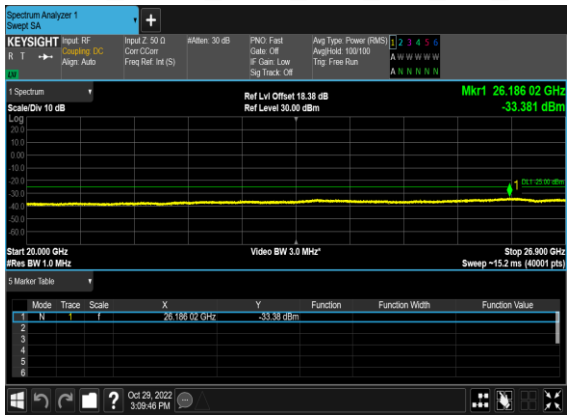
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



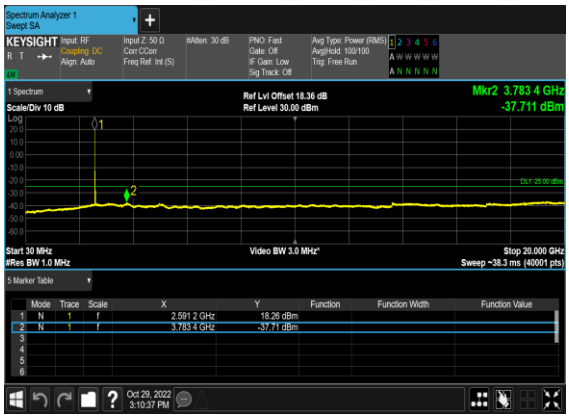
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



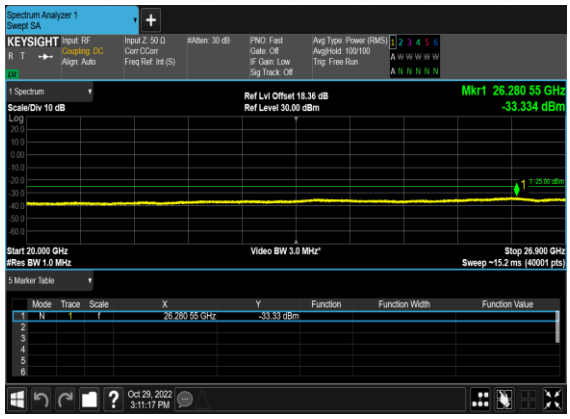
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



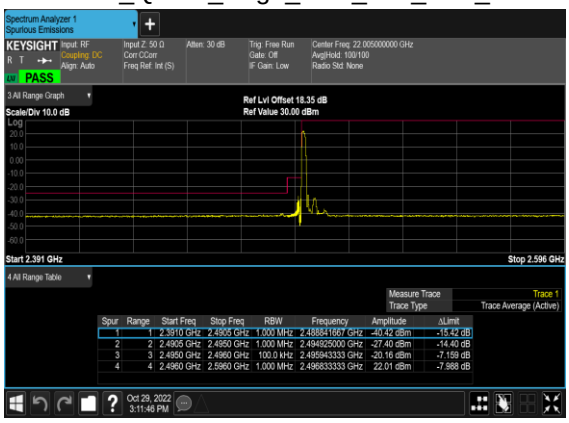
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



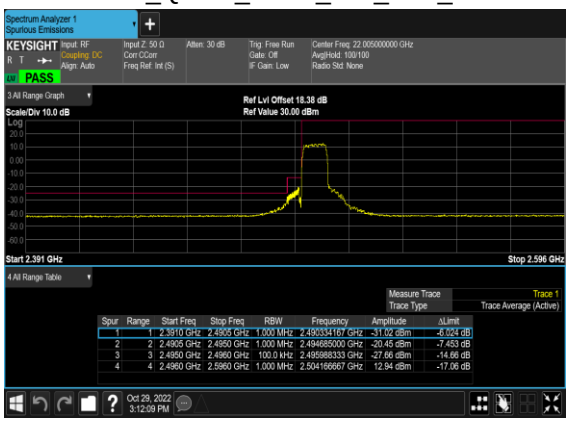
Conducted Band Edge

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**

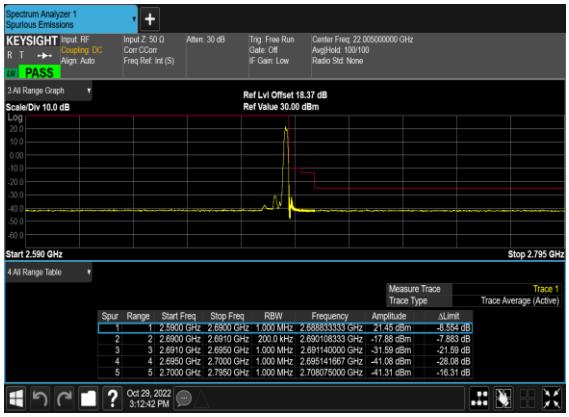
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



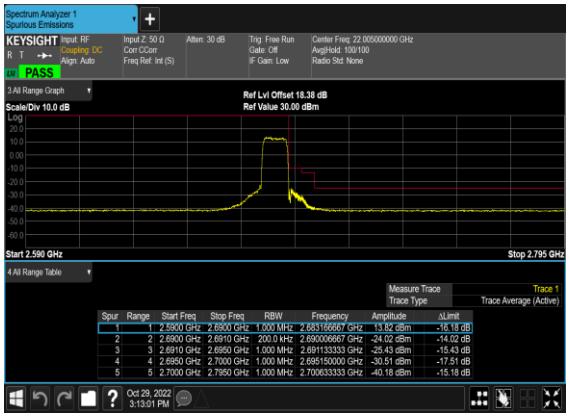
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



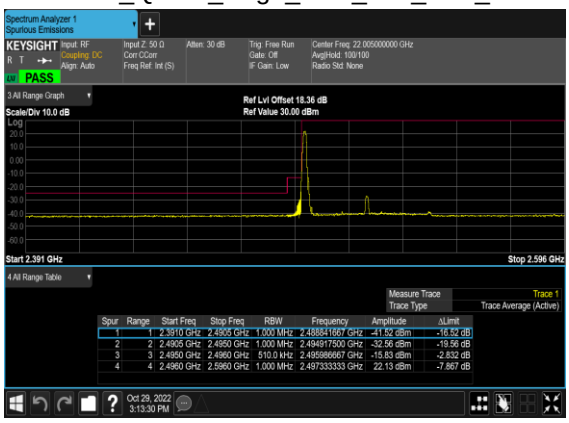
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



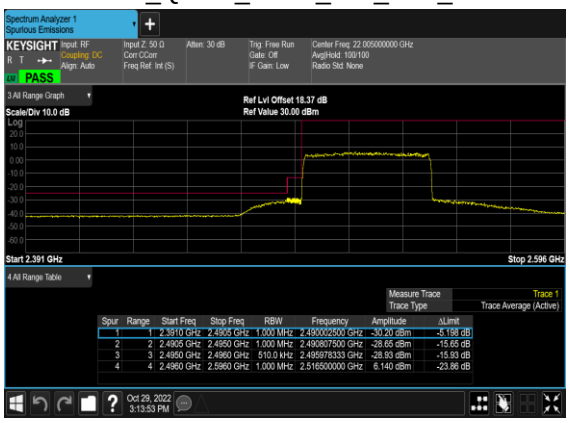
N41(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH



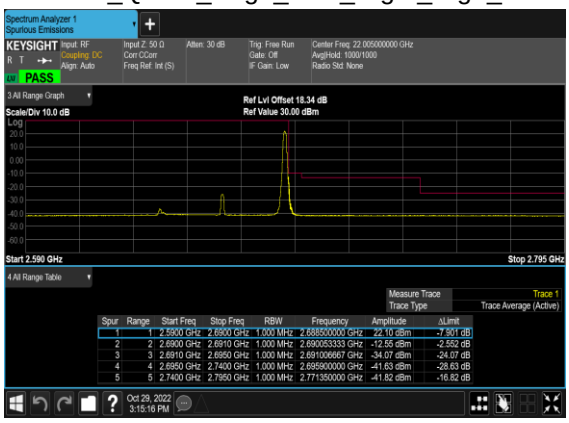
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



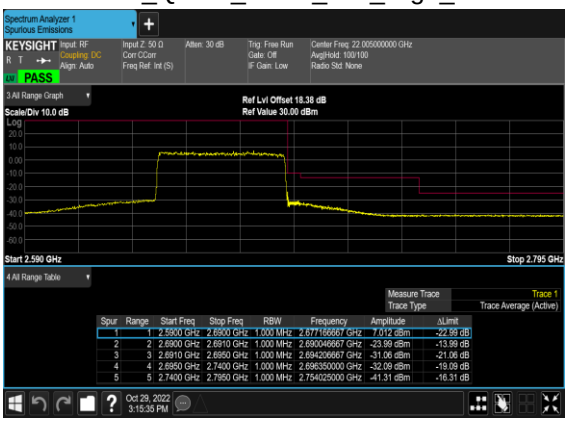
N41(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



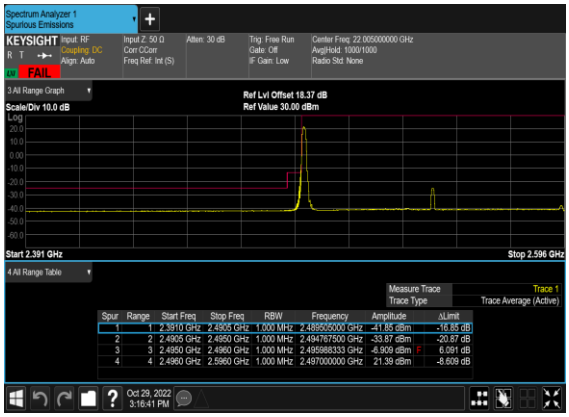
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



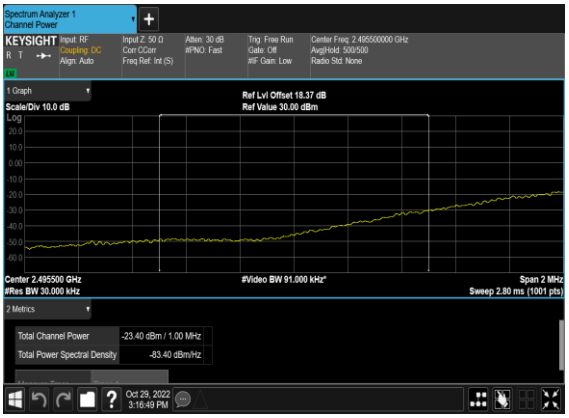
N41(50M)_CP-OFDM_QPSK_Outer_Full_High_CH



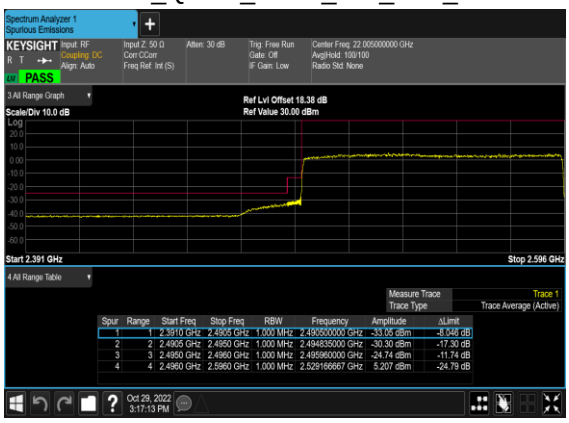
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



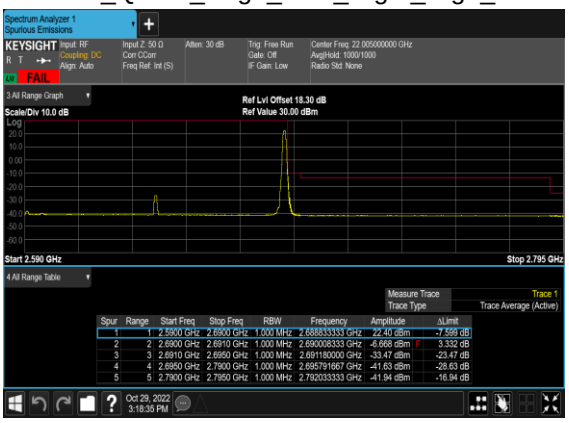
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



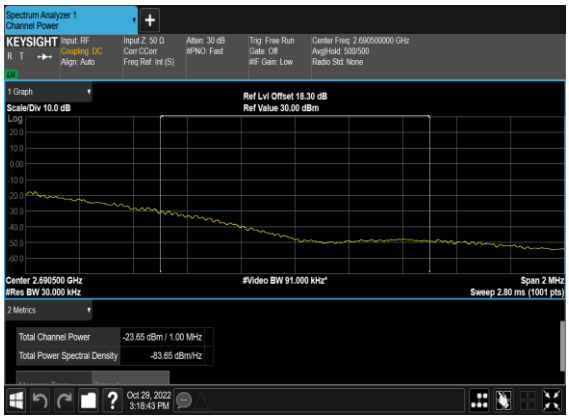
N41(100M)_CP-OFDM_QPSK_Outer_Full_Low_CH



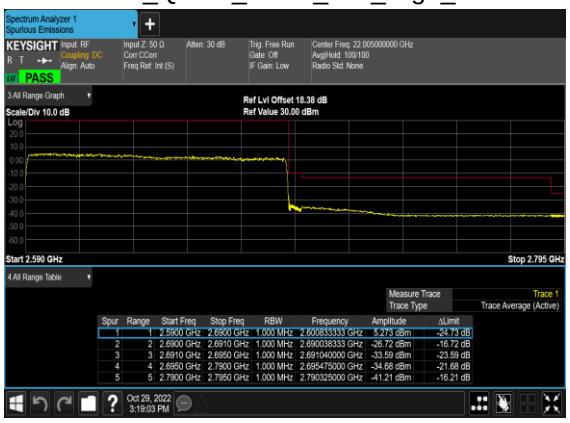
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



N41(100M)_CP-OFDM_QPSK_Outer_Full_High_CH



Software Version: 22.09.0601

FR1 N41 MIMO-ANT4

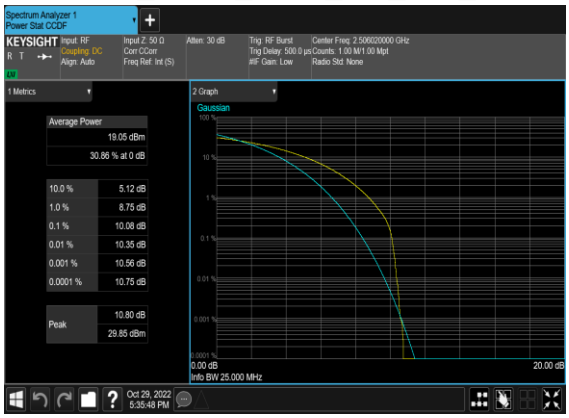
Frequency Stability

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	0.0025	**PASS**	NV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0068	**PASS**	LV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0051	**PASS**	HV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0025	**PASS**	-30℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0023	**PASS**	-20℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0068	**PASS**	-10℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0056	**PASS**	0℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0067	**PASS**	10℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0025	**PASS**	20℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0037	**PASS**	30℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0046	**PASS**	40℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0030	**PASS**	50℃

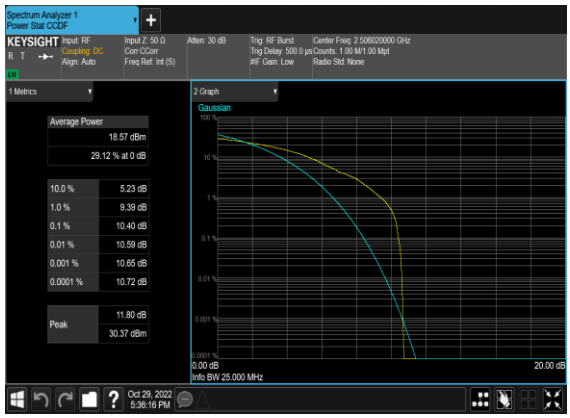
Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	CP-OFDM QPSK	51@0	10.08	13	**PASS**
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	10.4	13	**PASS**
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	10.59	13	**PASS**
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	10.26	13	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	51@0	10.15	13	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	1@0	10.1	13	**PASS**

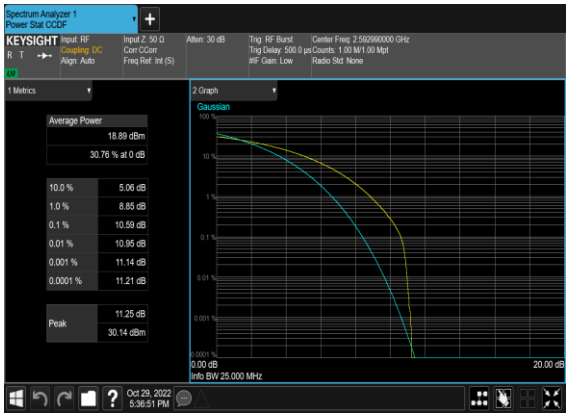
N41(20M)_CP-OFDM_QPSK_Outer_Full_Low_CH



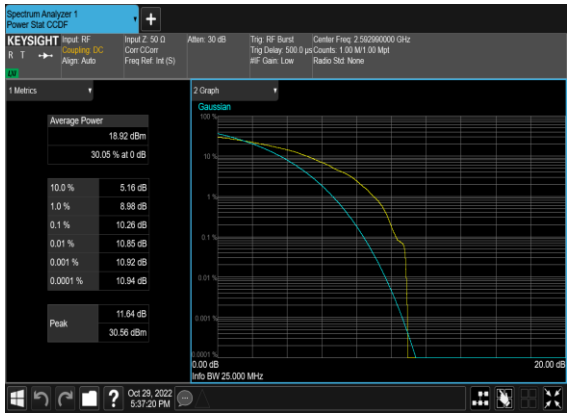
N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



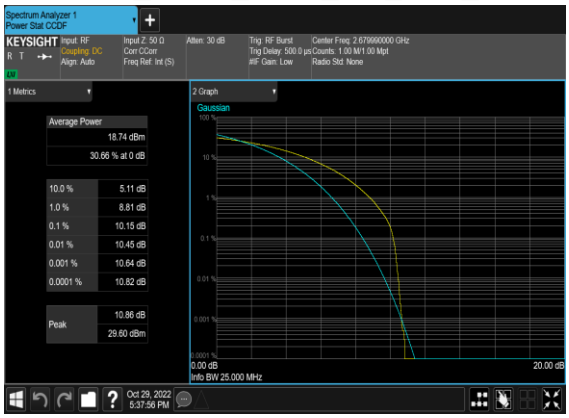
N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



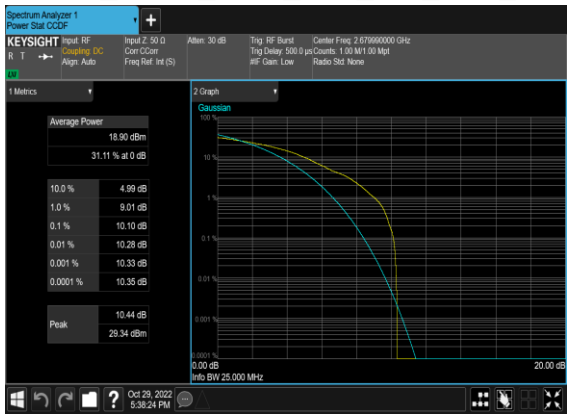
N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(20M)_CP-OFDM_QPSK_Outer_Full_High_CH



N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



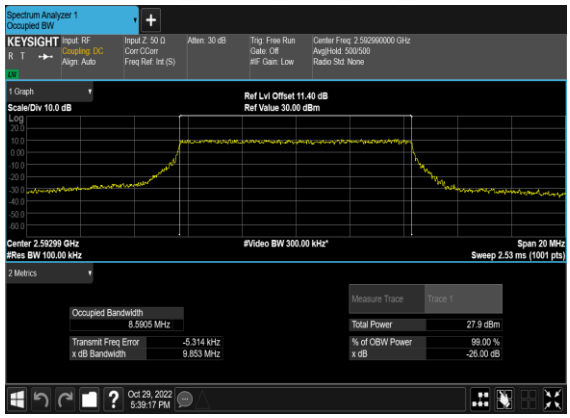
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5777	9.846
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5905	9.853
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5845	9.575
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5824	9.653
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.582	14.82
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.625	14.94
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.602	14.88
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.576	14.75
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.197	19.72
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.206	19.62
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.175	19.51
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.19	19.65
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.814	29.42
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.851	29.46
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.886	29.48
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.935	29.71
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.823	39.86
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.871	39.88
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.817	39.61
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.808	39.71
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.493	49.62
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.495	49.93
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.527	49.52
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.472	49.51
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.845	59.95

41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.856	59.93
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.826	60.23
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.945	60.14
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.507	69.67
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.466	70.04
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.462	69.79
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.399	69.72
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.611	80.23
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.49	80.22
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.361	80.21
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.461	79.97
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.559	90.43
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.347	90.41
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.589	90.44
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.566	90.56
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.384	100.7
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.397	100.7
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.429	100.6
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.423	100.7

N41(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

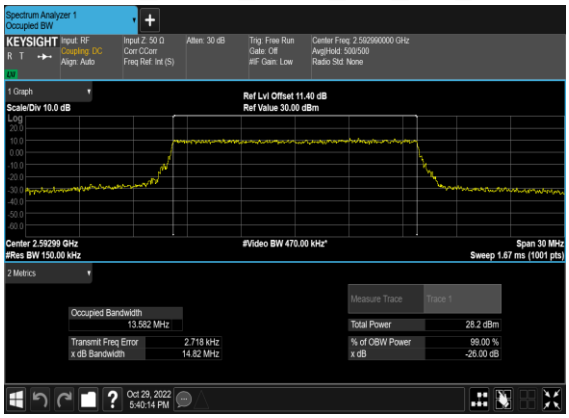
N41(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

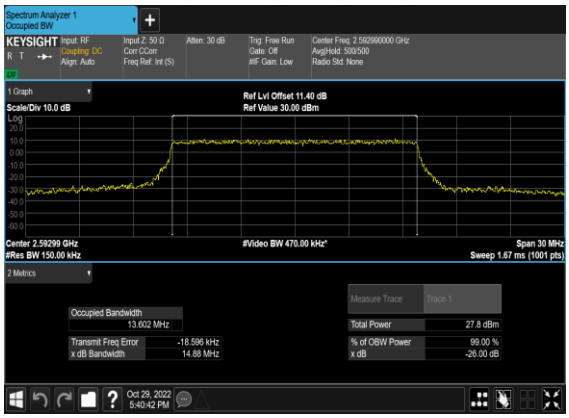
N41(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

N41(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

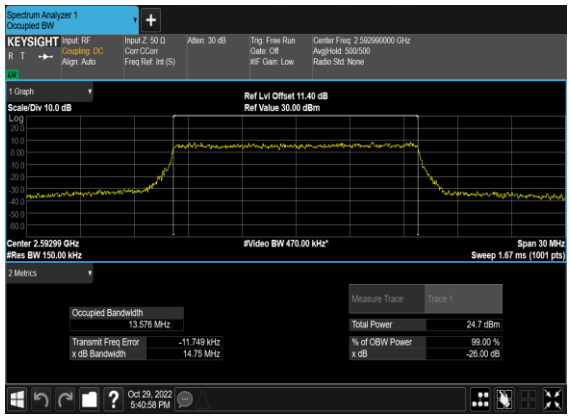


N41(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

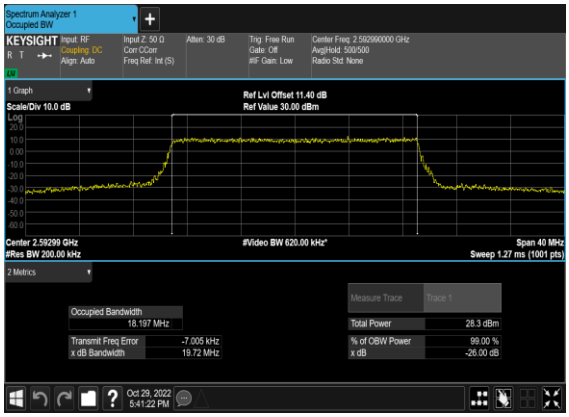
N41(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



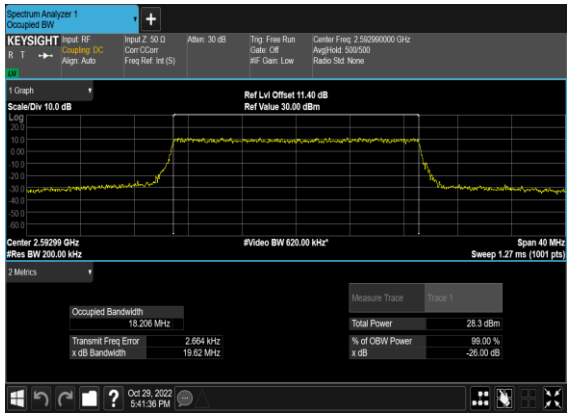
N41(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



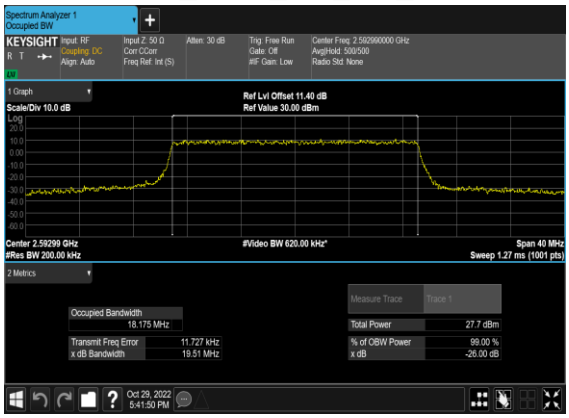
N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



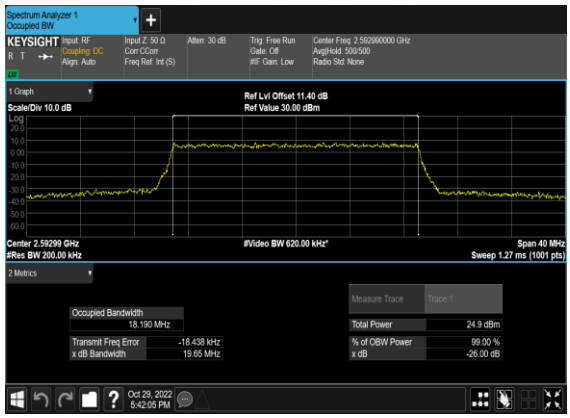
N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



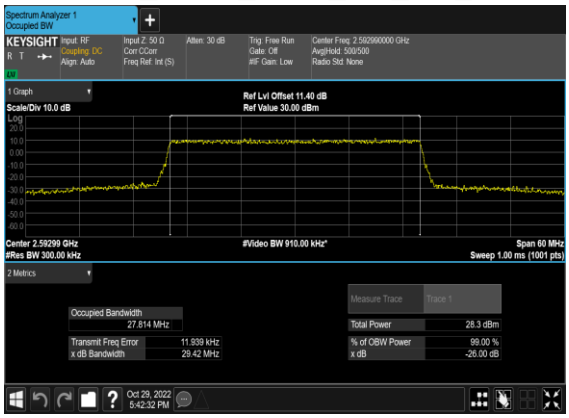
N41(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



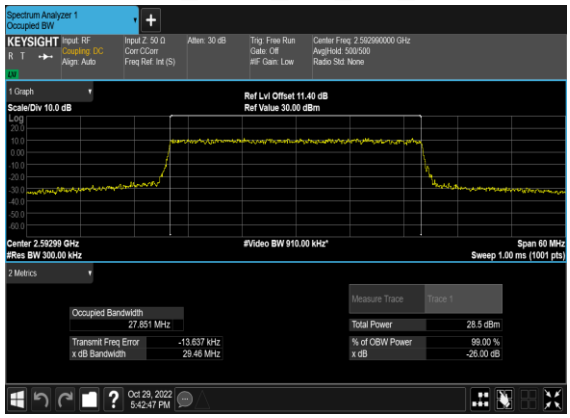
N41(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

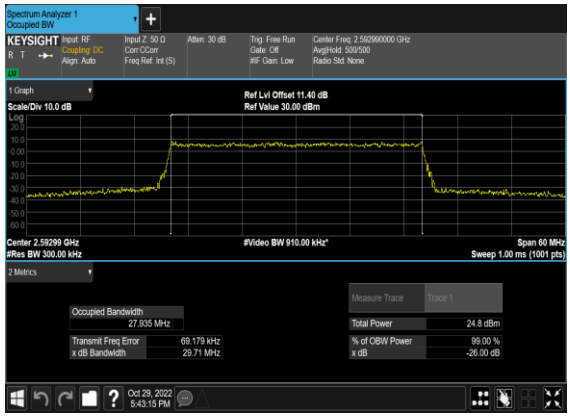


N41(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

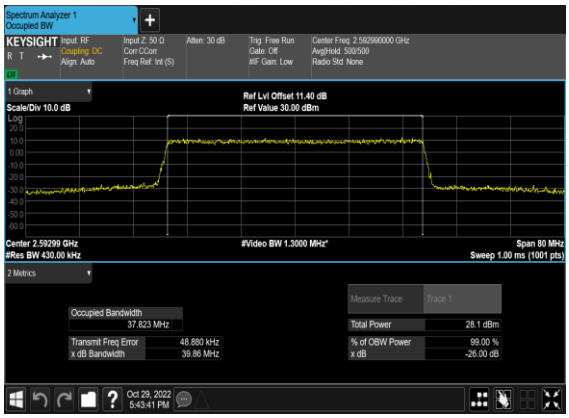


N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

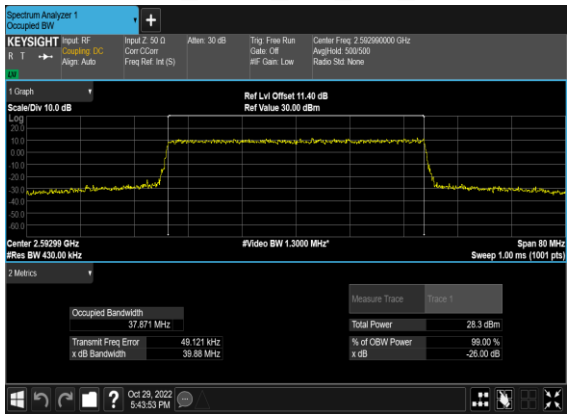
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



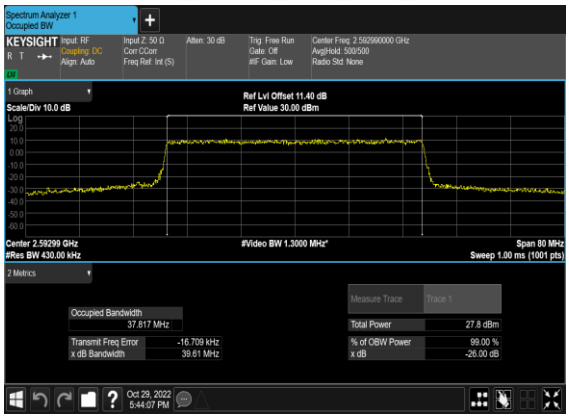
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



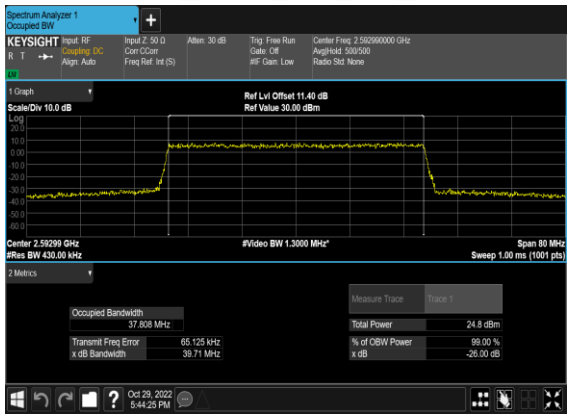
N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



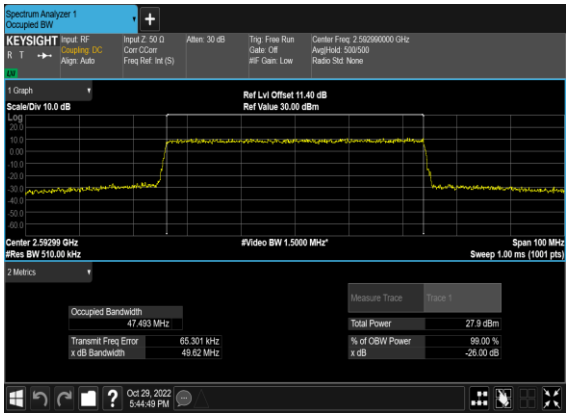
N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



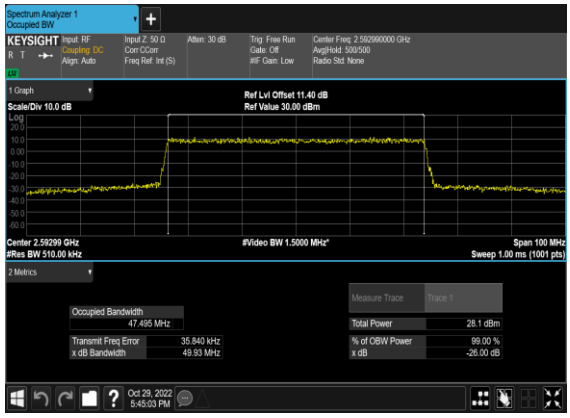
N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



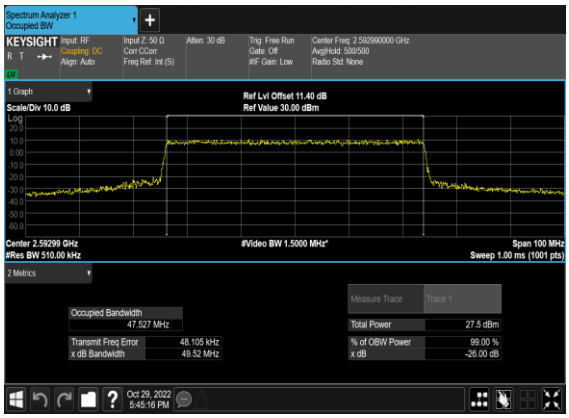
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



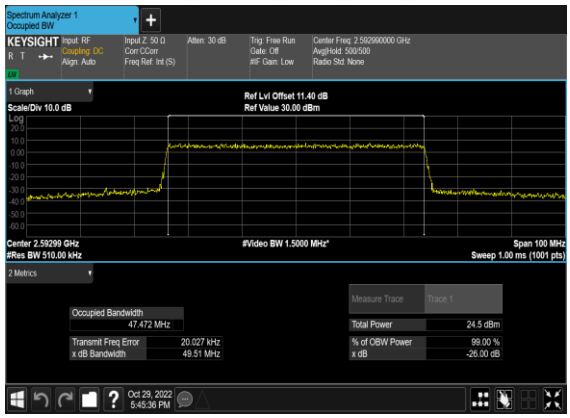
N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



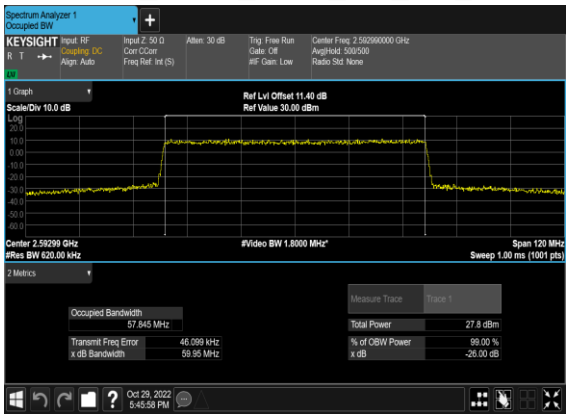
N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



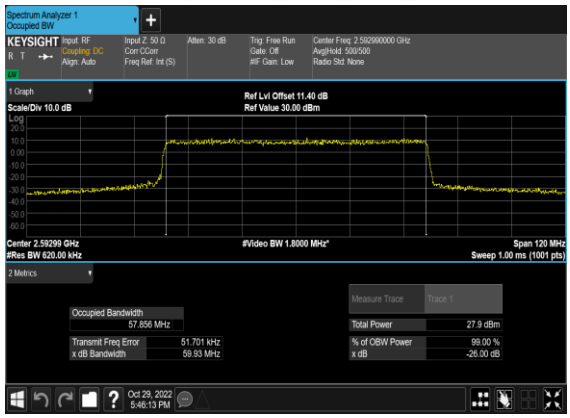
N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



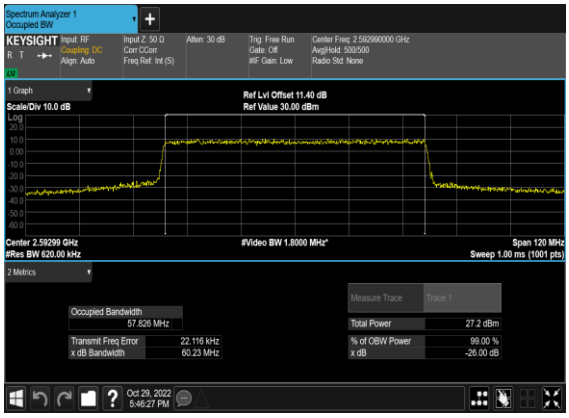
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



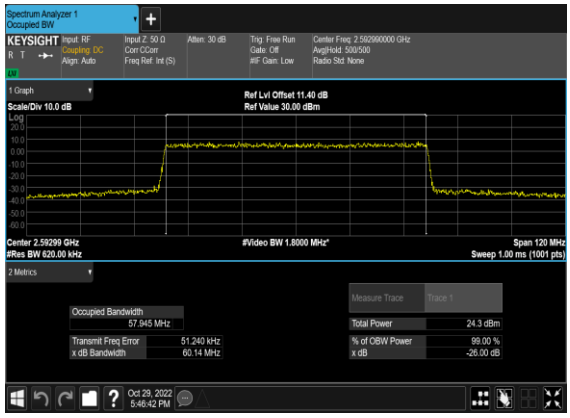
N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



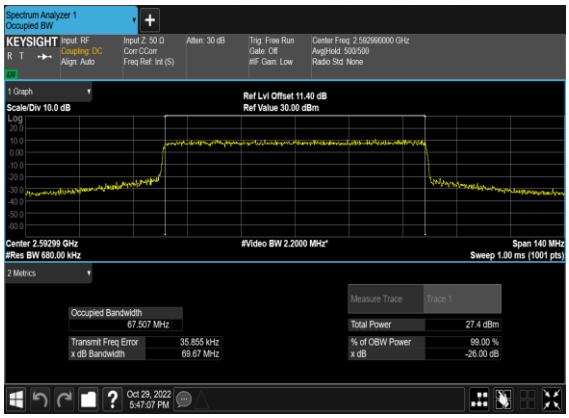
N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



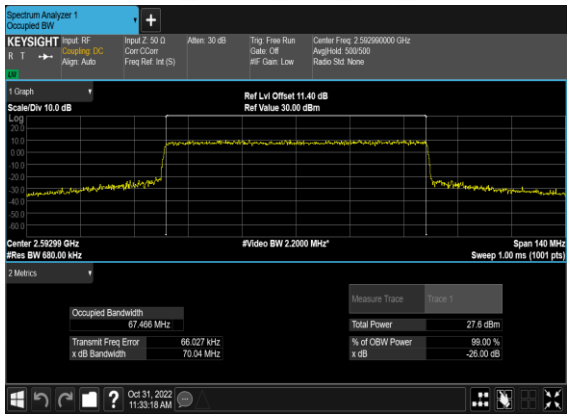
N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



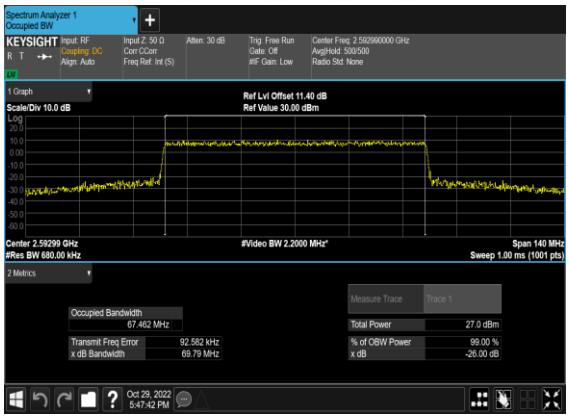
N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



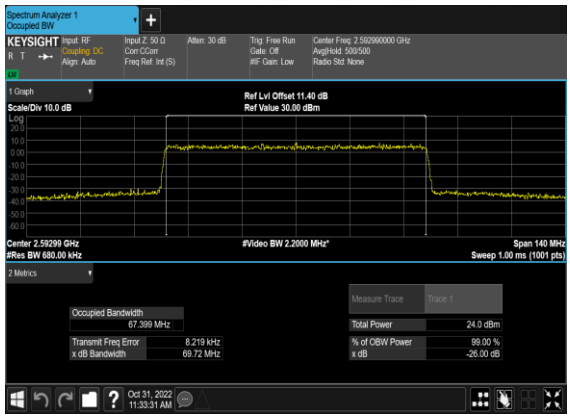
N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



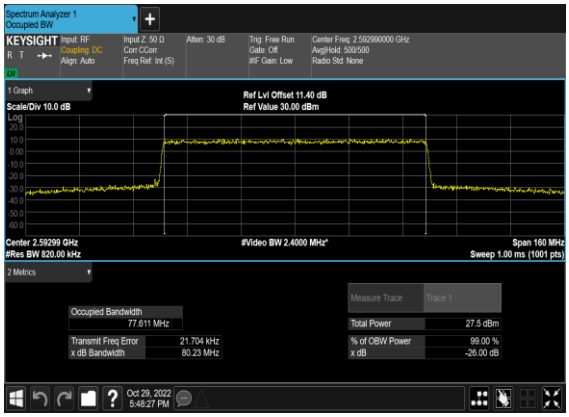
N41(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



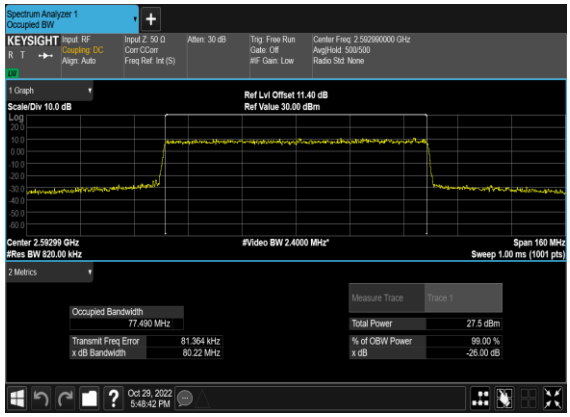
N41(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



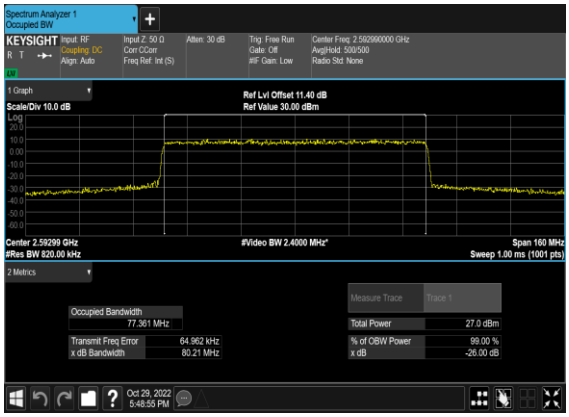
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



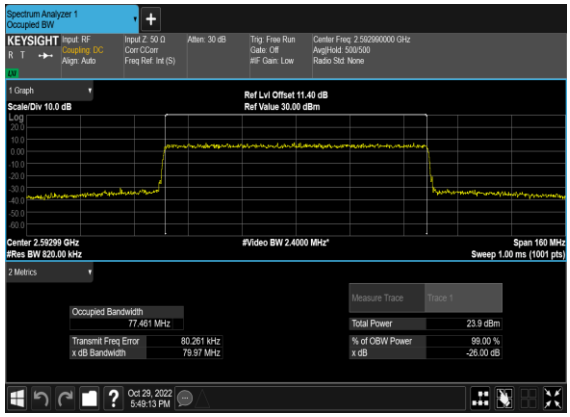
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



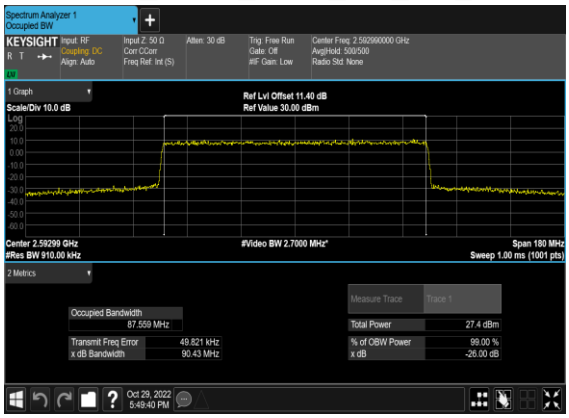
N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



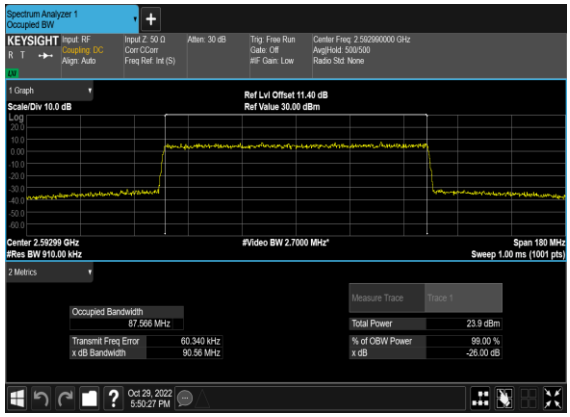
N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



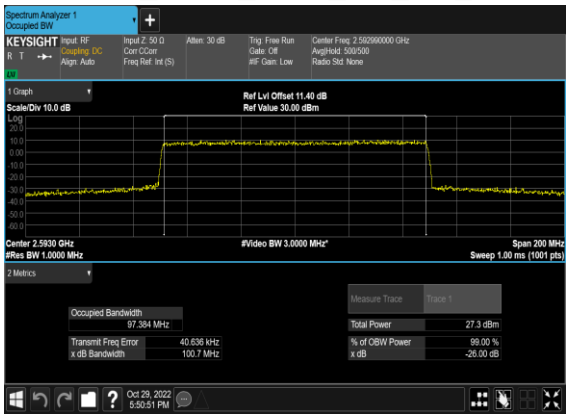
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

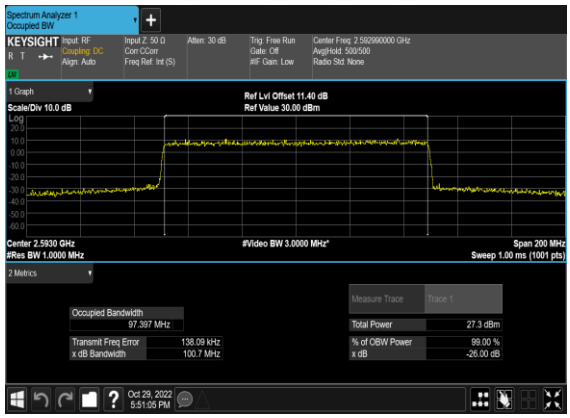
N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



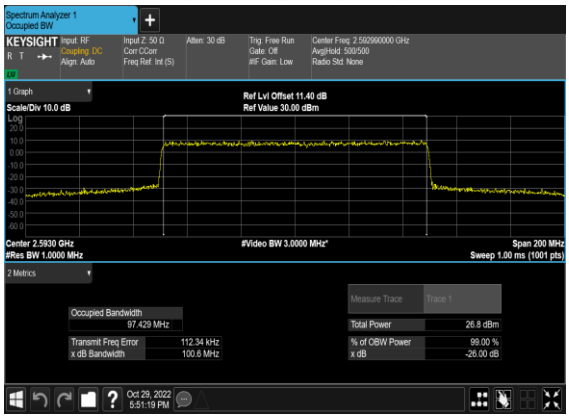
N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



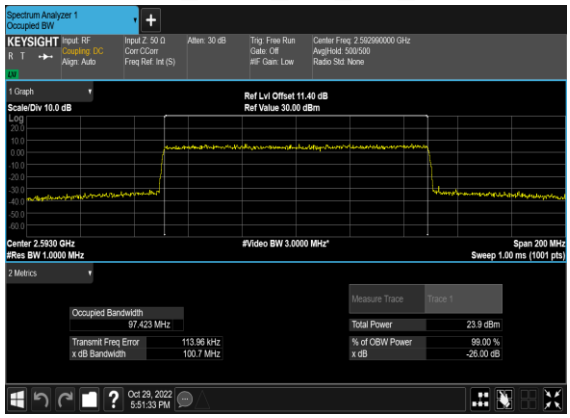
N41(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

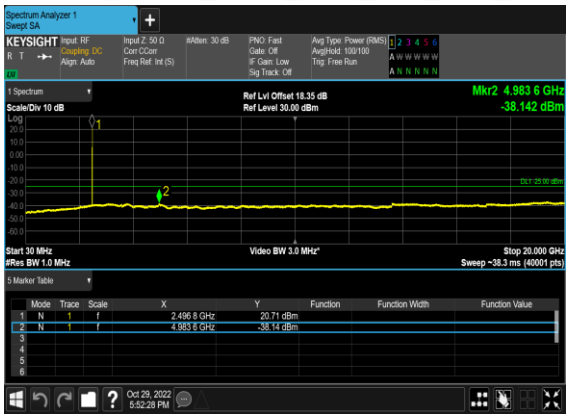


Conducted Spurious Emissions

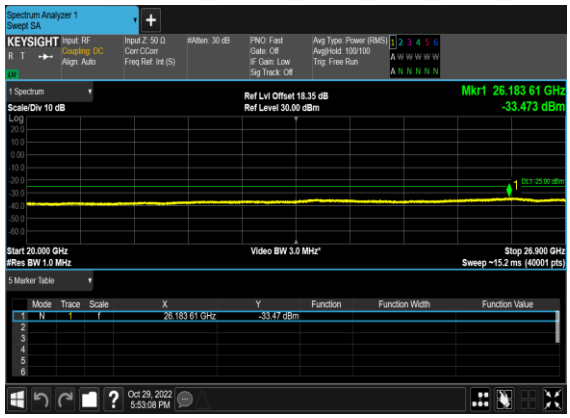
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	**---**
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see 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**

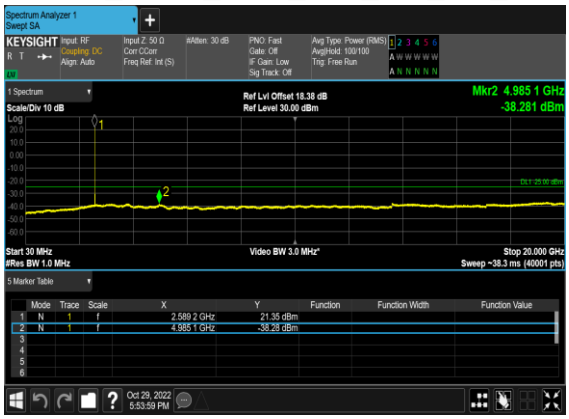
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



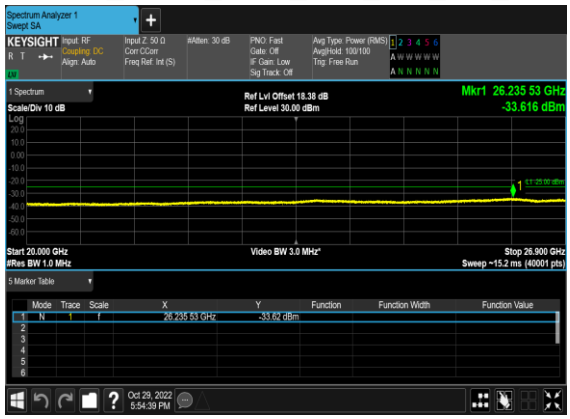
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



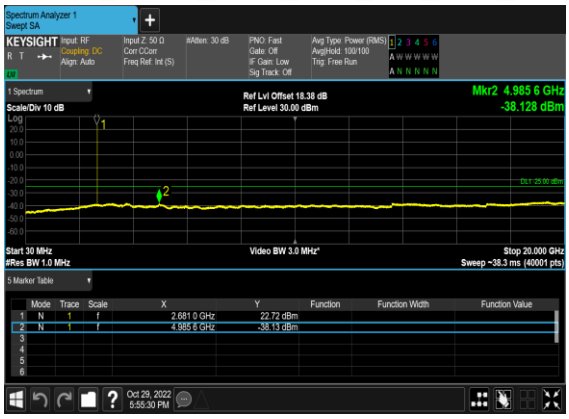
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



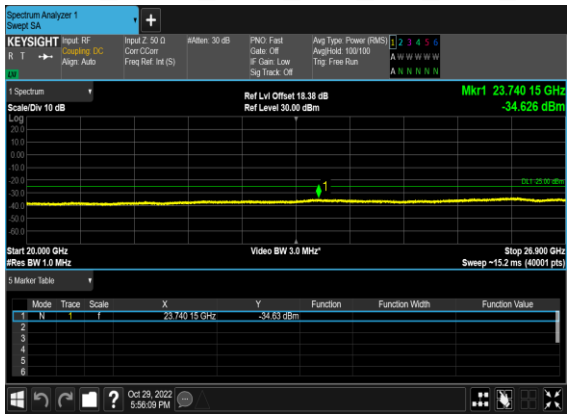
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



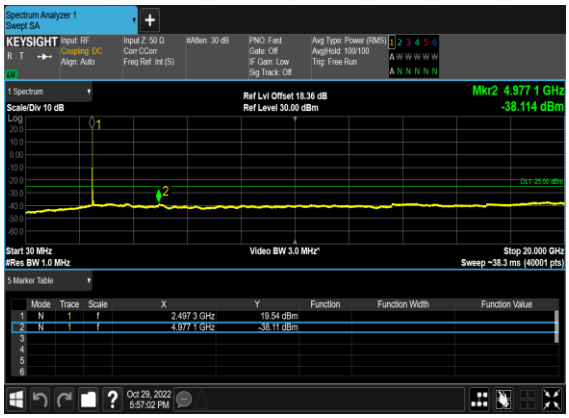
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



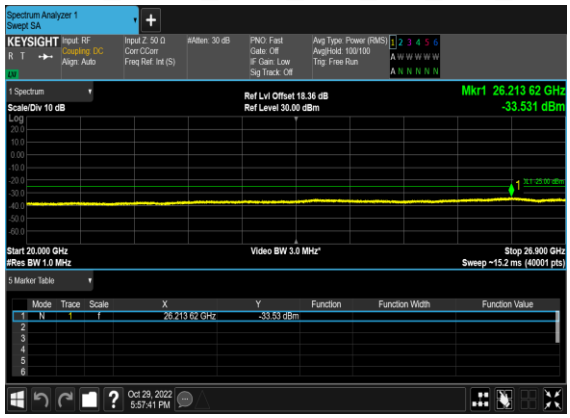
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



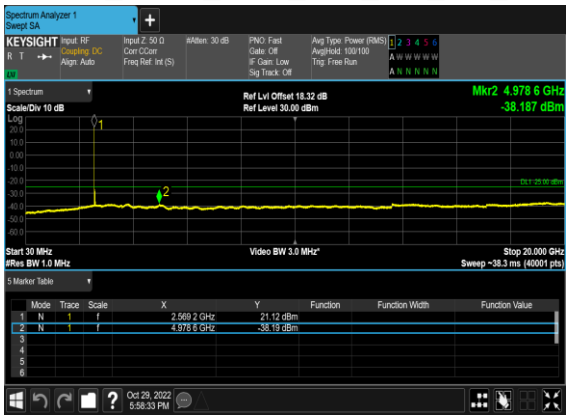
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



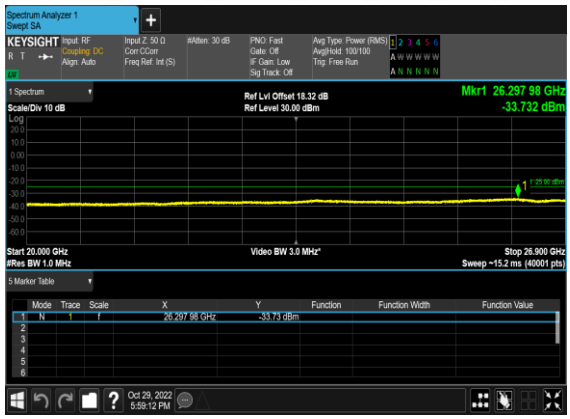
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



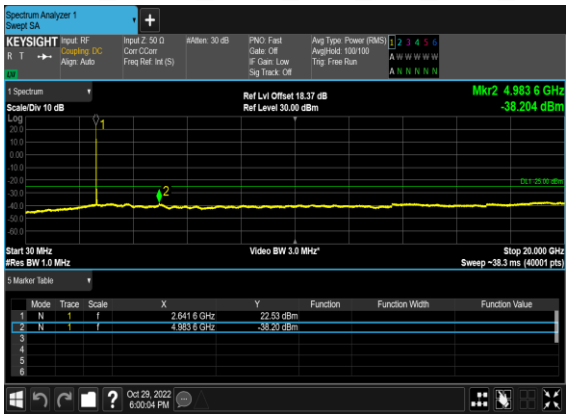
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



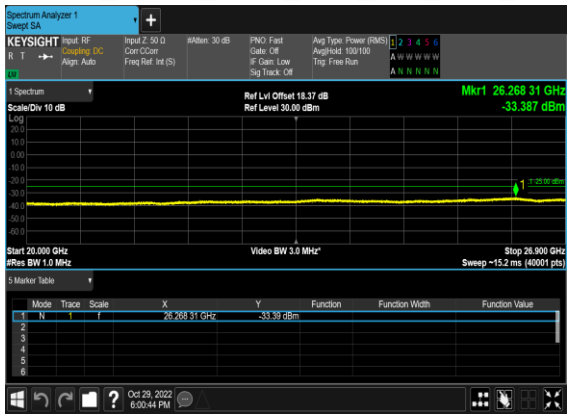
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



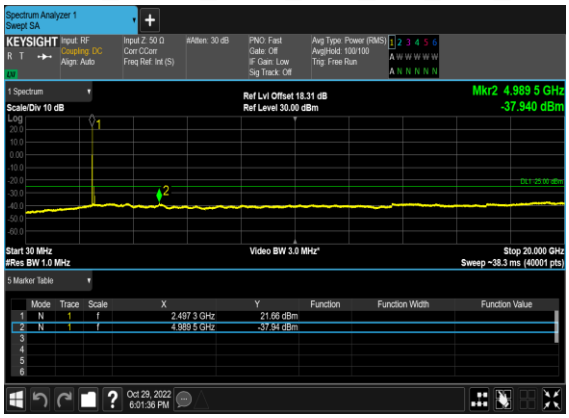
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



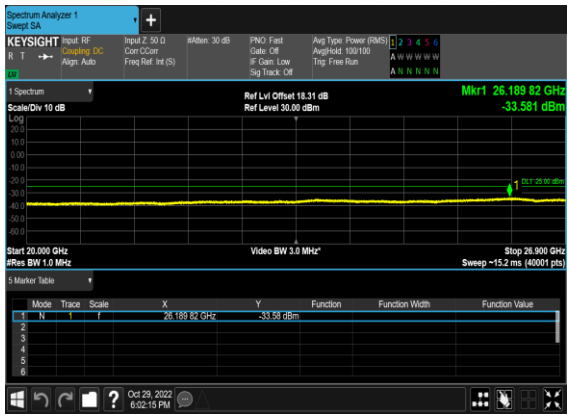
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



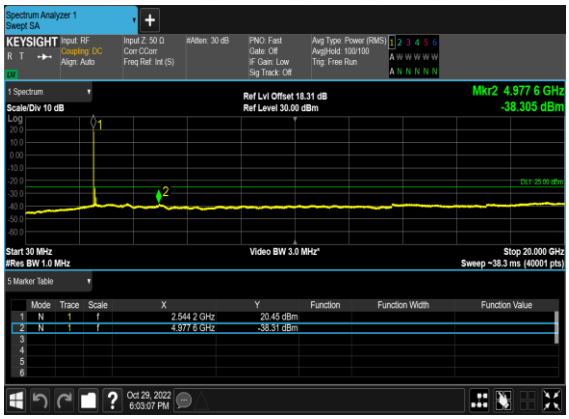
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



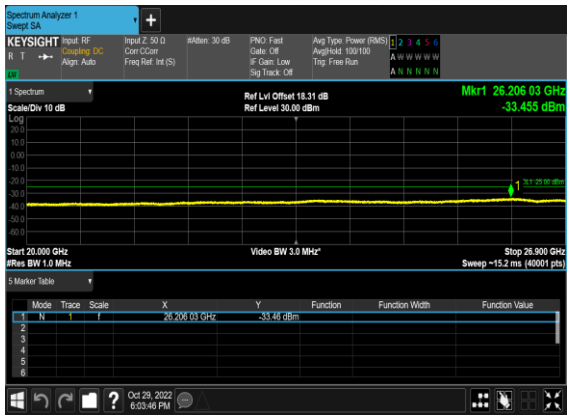
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



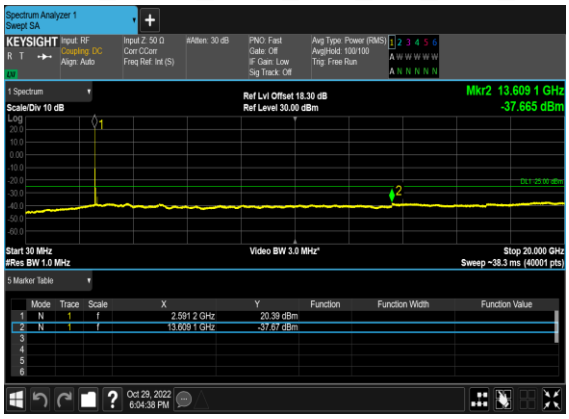
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



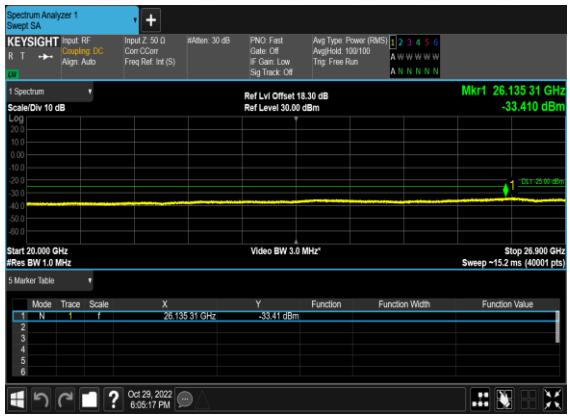
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



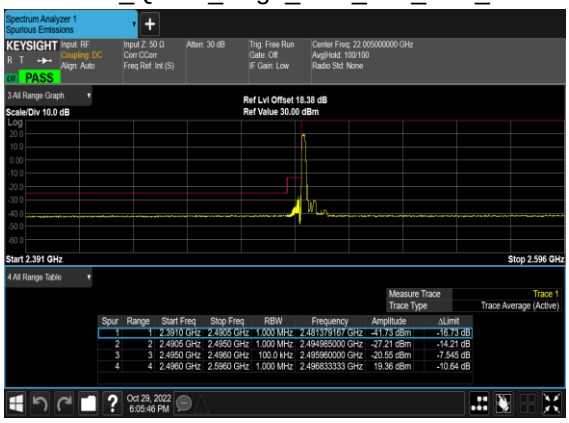
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



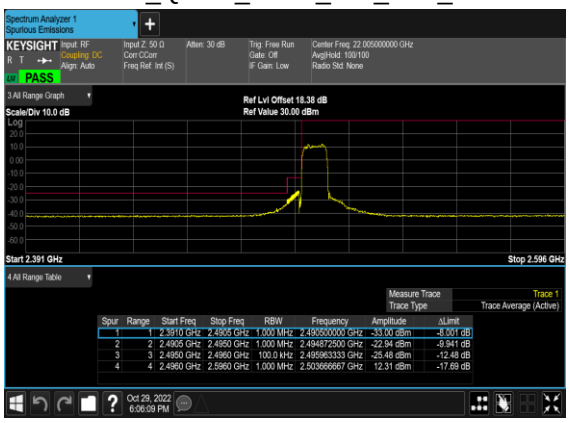
Conducted Band Edge

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**

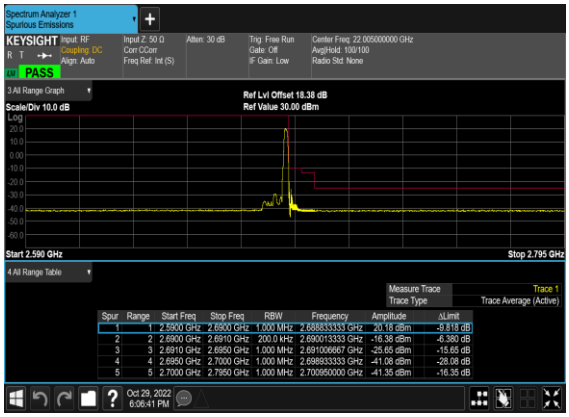
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



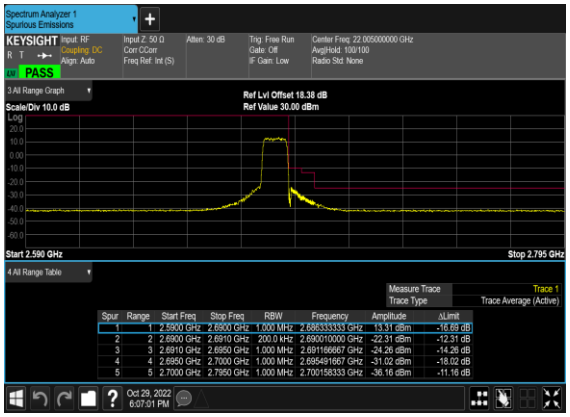
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



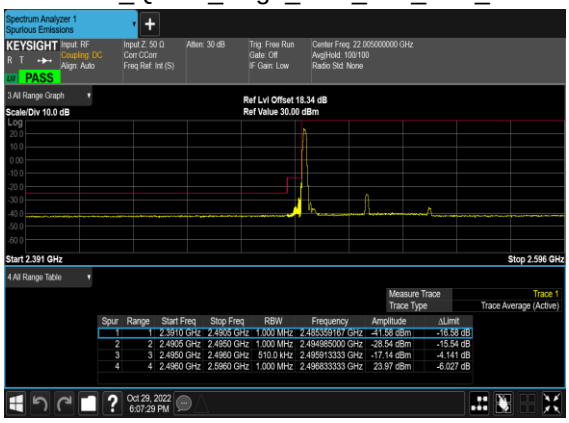
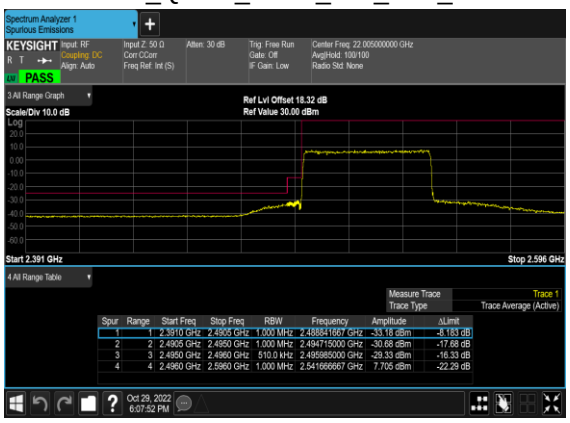
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



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