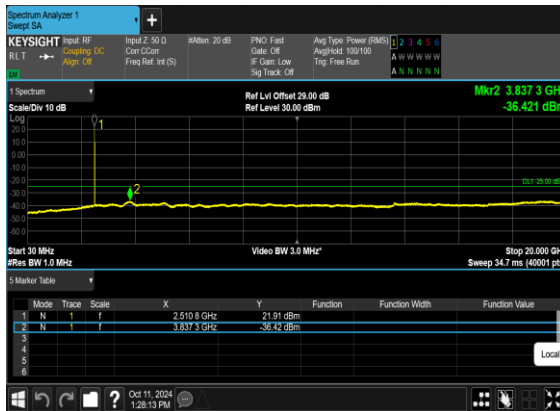
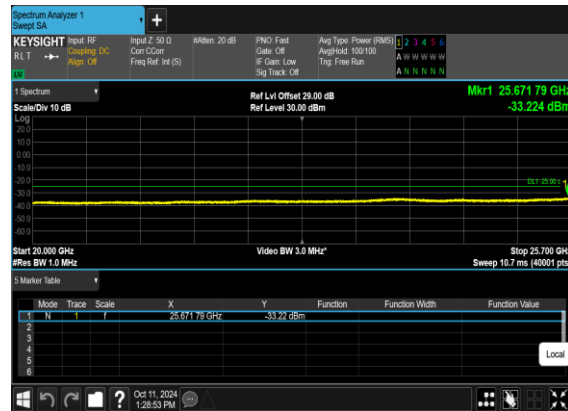




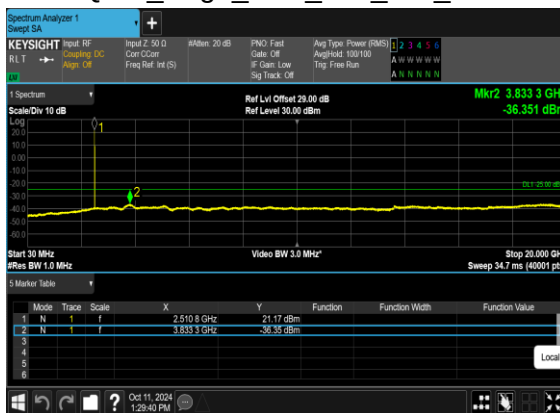
N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



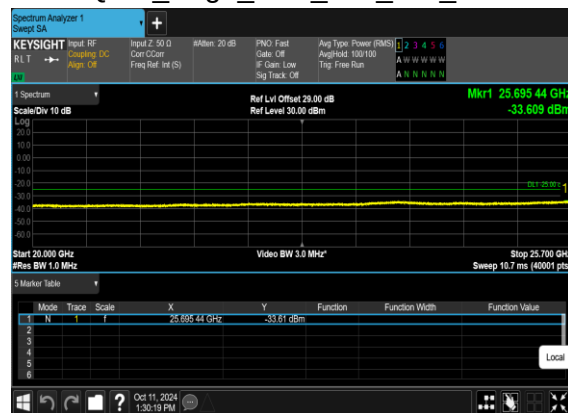
N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N7(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



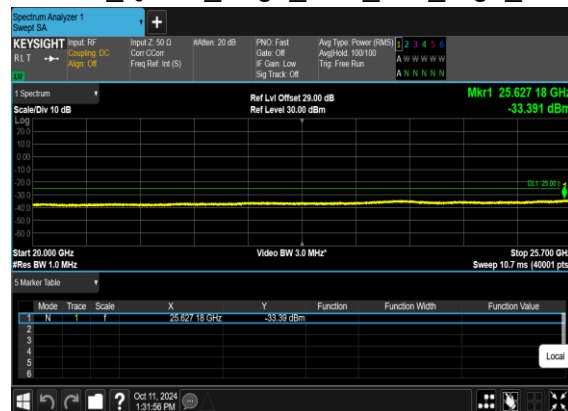
N7(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

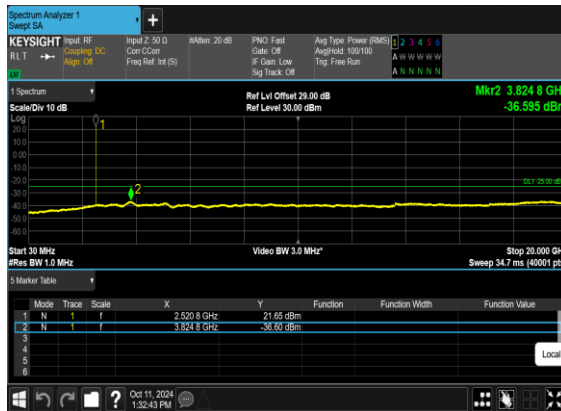


N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

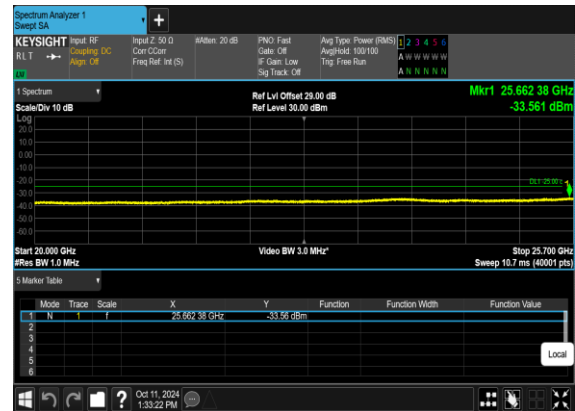




N7(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



N7(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



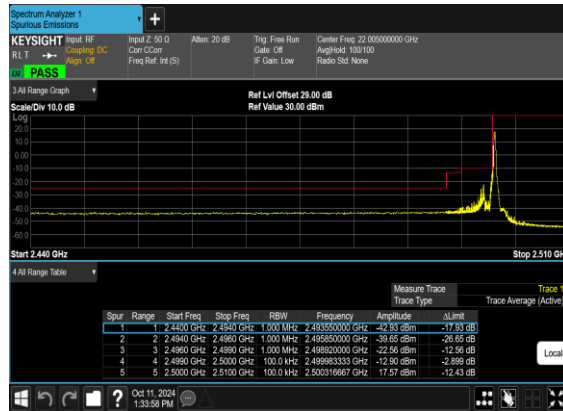


Conducted Band Edge

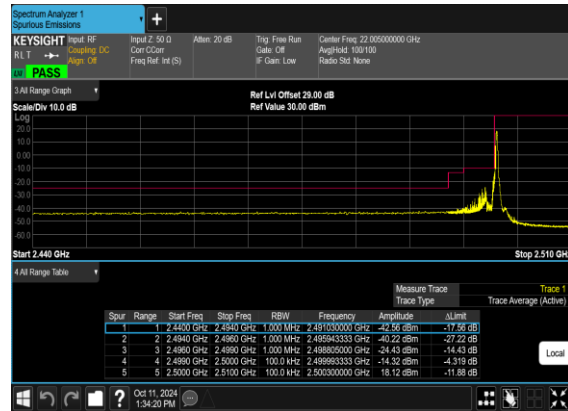
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	5	500500	2502.5	CP-OFDM QPSK	25@0	see graph	PASS
7	15	5	500500	2502.5	CP-OFDM 16 QAM	25@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	1@24	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM 16 QAM	1@24	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	25@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM 16 QAM	25@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM QPSK	133@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM 16 QAM	133@0	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM QPSK	1@132	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM 16 QAM	1@132	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM QPSK	133@0	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM 16 QAM	133@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM QPSK	270@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM 16 QAM	270@0	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM QPSK	1@269	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM 16 QAM	1@269	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM QPSK	270@0	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM 16 QAM	270@0	see graph	PASS



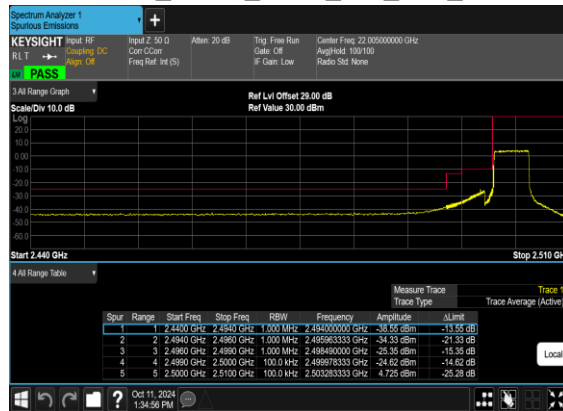
N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



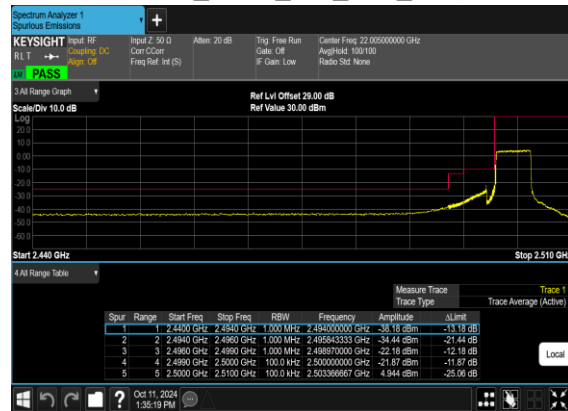
N7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N7(5M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

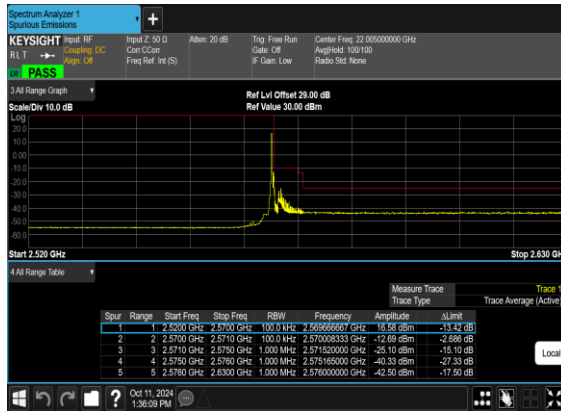


N7(5M)_CP-OFDM_16
QAM_Outer_Full_Low_CH

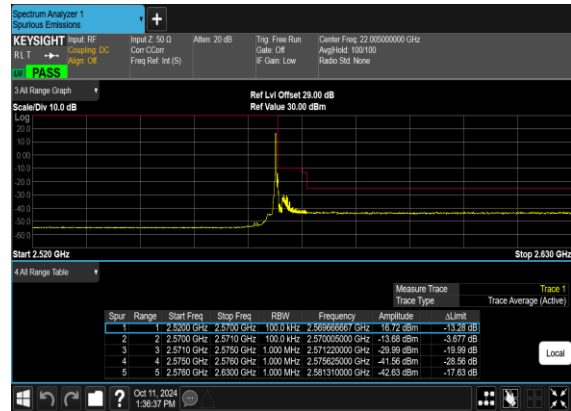




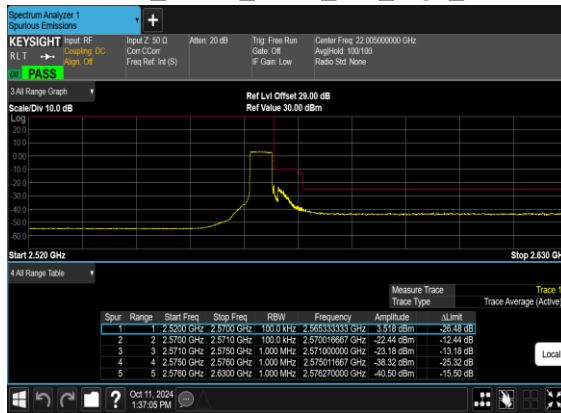
N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



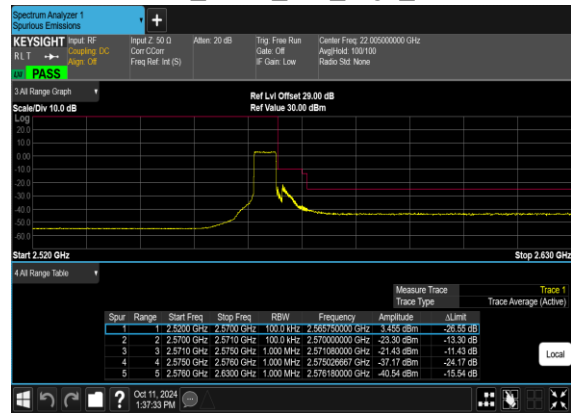
N7(5M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH

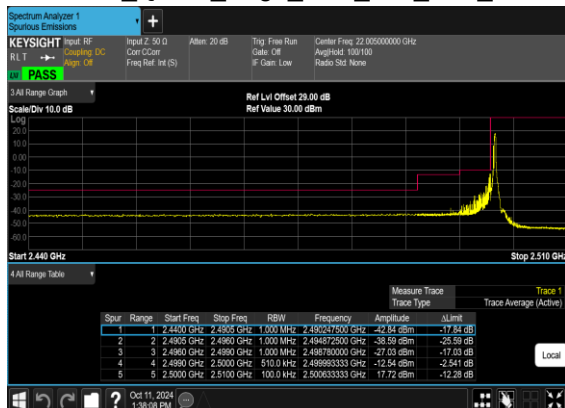
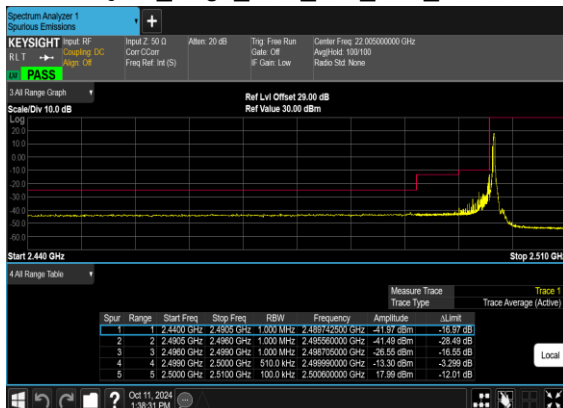
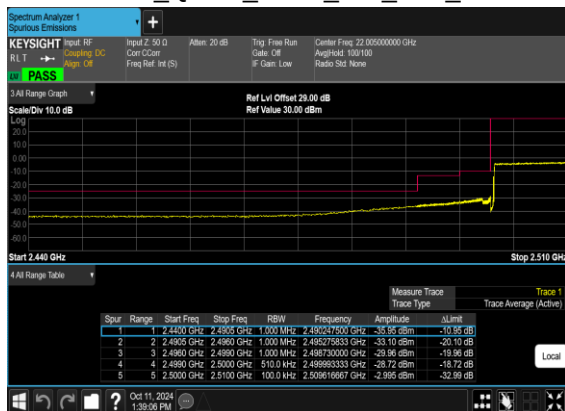
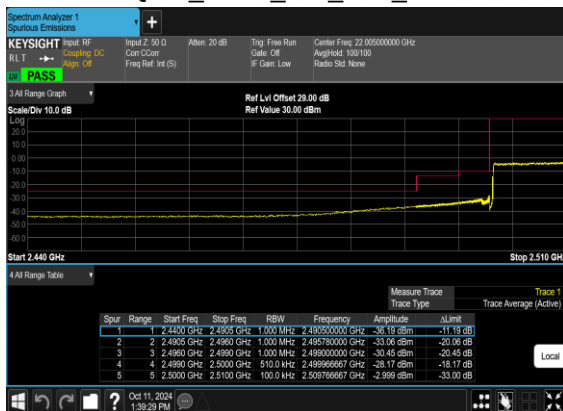


N7(5M)_CP-
OFDM_QPSK_Outer_Full_High_CH



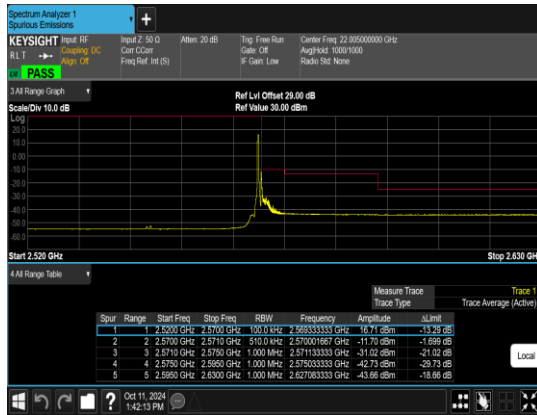
N7(5M)_CP-OFDM_16
QAM_Outer_Full_High_CH



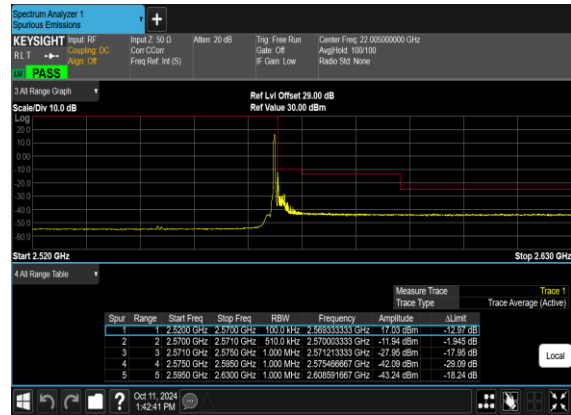
N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CHN7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CHN7(25M)_CP-
OFDM_QPSK_Outer_Full_Low_CHN7(25M)_CP-OFDM_16
QAM_Outer_Full_Low_CH



N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH



N7(25M)_CP-
OFDM_QPSK_Outer_Full_High_CH

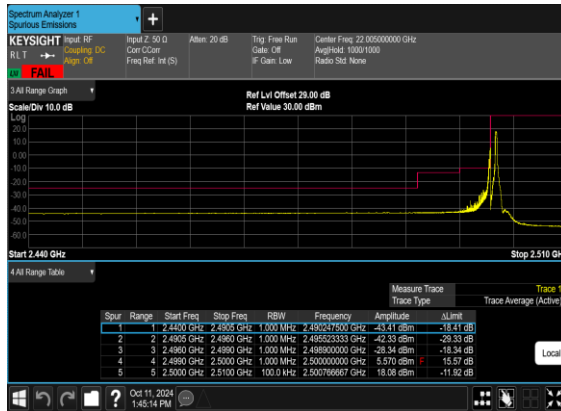


N7(25M)_CP-OFDM_16
QAM_Outer_Full_High_CH

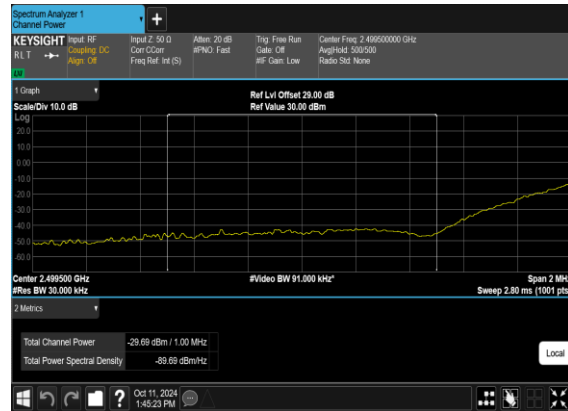




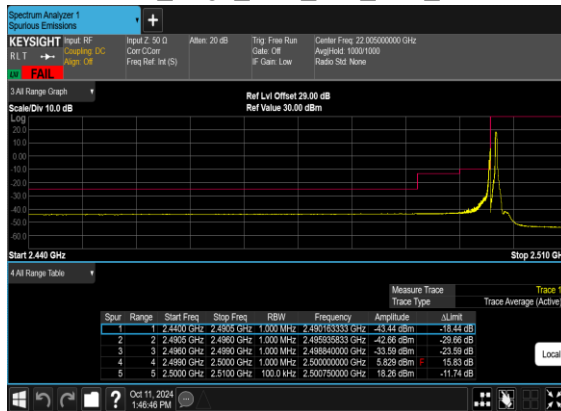
N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



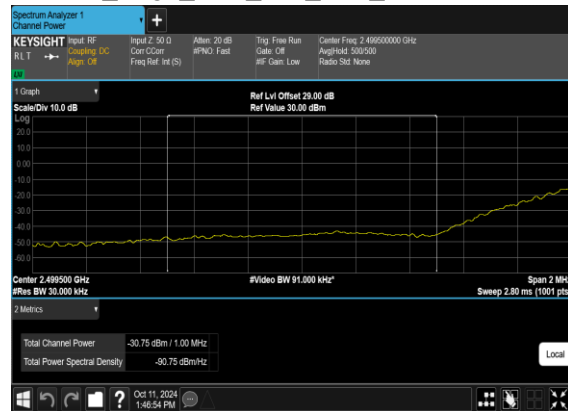
N7(50M)_CP-OFDM_QPSK
_Edge_1RB_Left_Low_CH_CHP_PASS



N7(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

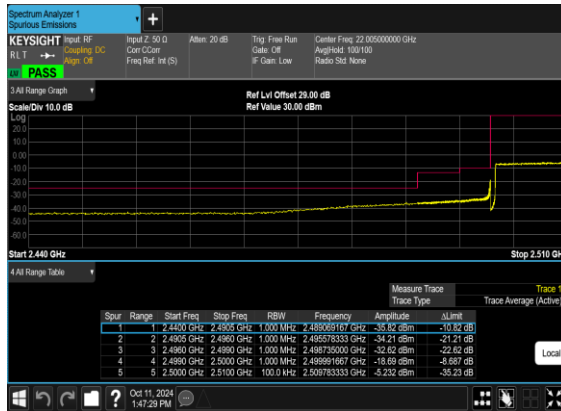


N7(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH_CHP_PASS

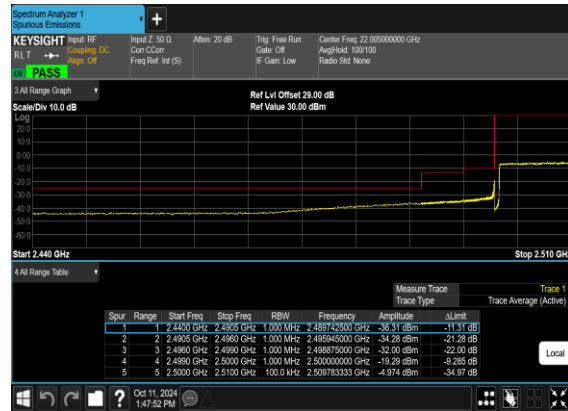




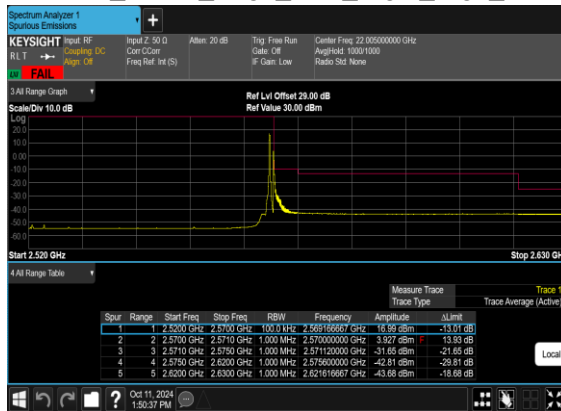
N7(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



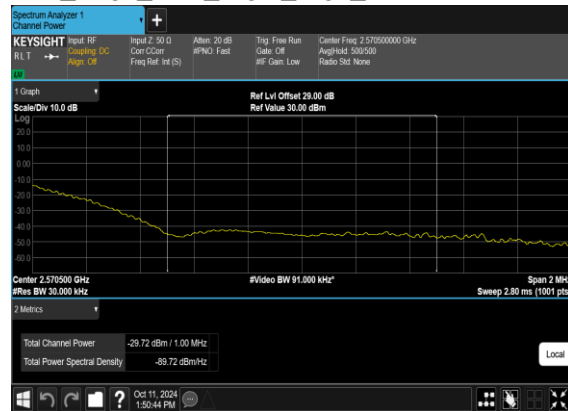
N7(50M)_CP-OFDM_16
QAM_Outer_Full_Low_CH



N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

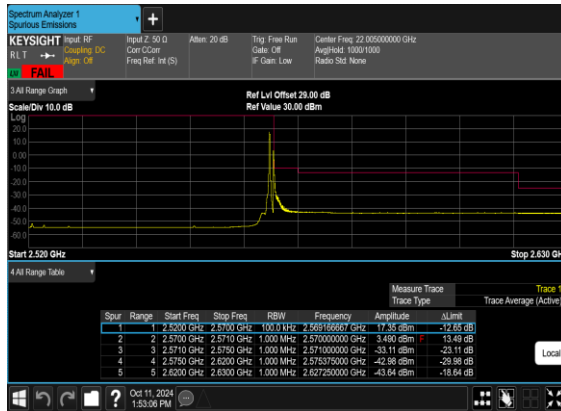


N7(50M)_CP-OFDM_QPSK
_Edge_1RB_Right_High_CH_CHP_PASS

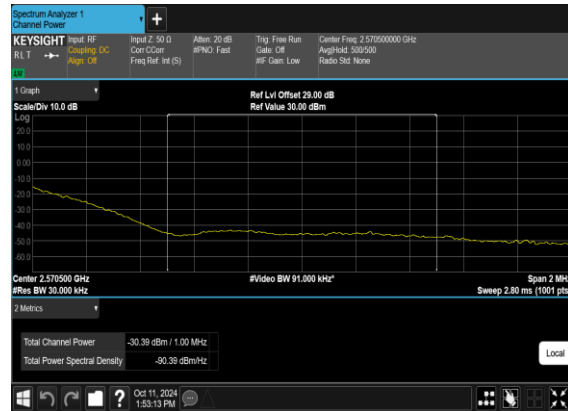




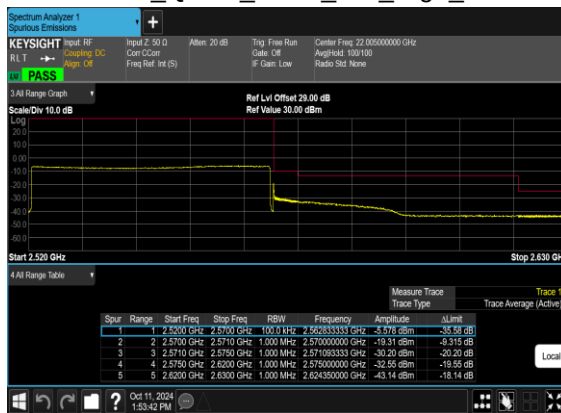
N7(50M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH



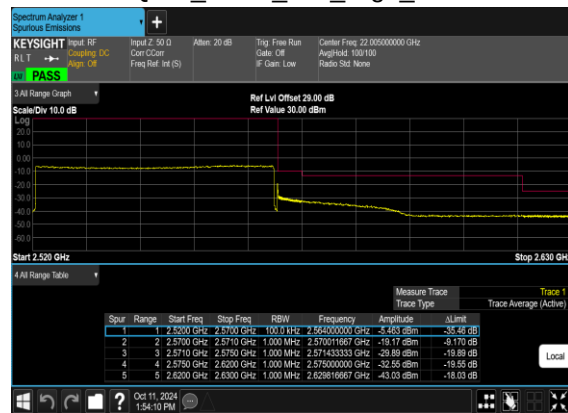
N7(50M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH_CHP_PASS



N7(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N7(50M)_CP-OFDM_16
QAM_Outer_Full_High_CH





FR1 N7 MIMO-ANT4

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0055	PASS	NV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0091	PASS	LV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0063	PASS	HV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0034	PASS	-30°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0052	PASS	-20°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0026	PASS	-10°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0043	PASS	0°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0064	PASS	10°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0018	PASS	20°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0039	PASS	30°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0028	PASS	40°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0037	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	7.5	13	PASS
7	15	20	507000	2535.0	CP-OFDM QPSK	1@0	7.69	13	PASS
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	7.49	13	PASS
7	15	20	507000	2535.0	CP-OFDM 16 QAM	1@0	7.69	13	PASS

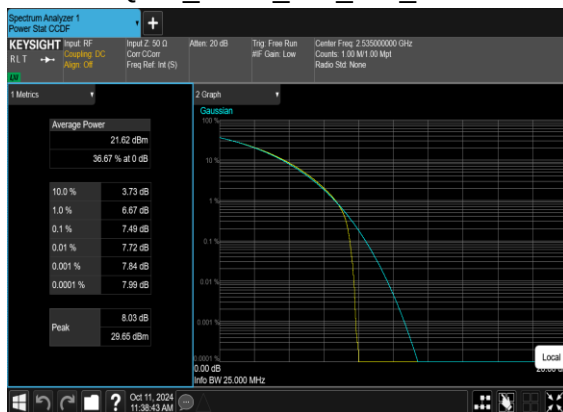
N7(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N7(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N7(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N7(20M)_CP-OFDM_16QAM_Edge_1RB_Left_Mid_CH

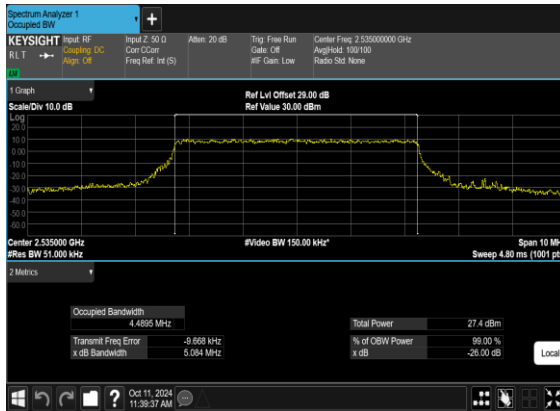


**Occupied Bandwidth**

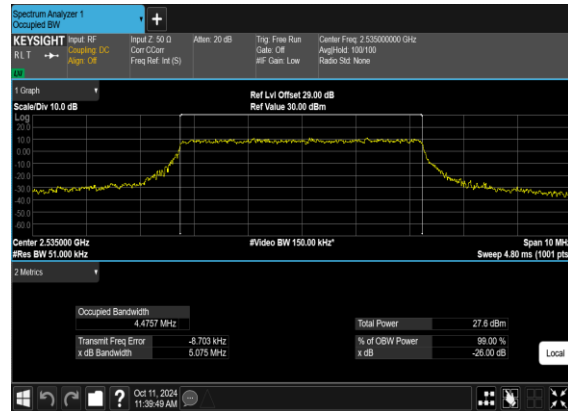
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.4895	5.084
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.4757	5.075
7	15	5	507000	2535.0	CP-OFDM 64 QAM	25@0	4.4677	5.051
7	15	5	507000	2535.0	CP-OFDM 256 QAM	25@0	4.4744	5.069
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.2831	10.07
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.2874	10.11
7	15	10	507000	2535.0	CP-OFDM 64 QAM	52@0	9.2799	10.7
7	15	10	507000	2535.0	CP-OFDM 256 QAM	52@0	9.3021	10.24
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.128	14.89
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.07	15.03
7	15	15	507000	2535.0	CP-OFDM 64 QAM	79@0	14.11	15.43
7	15	15	507000	2535.0	CP-OFDM 256 QAM	79@0	14.08	15.12
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.922	19.74
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.926	19.81
7	15	20	507000	2535.0	CP-OFDM 64 QAM	106@0	18.943	19.77
7	15	20	507000	2535.0	CP-OFDM 256 QAM	106@0	18.864	19.92
7	15	25	507000	2535.0	CP-OFDM QPSK	133@0	23.757	24.76
7	15	25	507000	2535.0	CP-OFDM 16 QAM	133@0	23.771	24.97
7	15	25	507000	2535.0	CP-OFDM 64 QAM	133@0	23.79	24.92
7	15	25	507000	2535.0	CP-OFDM 256 QAM	133@0	23.759	24.77
7	15	30	507000	2535.0	CP-OFDM QPSK	160@0	28.444	29.57
7	15	30	507000	2535.0	CP-OFDM 16 QAM	160@0	28.499	29.6
7	15	30	507000	2535.0	CP-OFDM 64 QAM	160@0	28.537	29.55
7	15	30	507000	2535.0	CP-OFDM 256 QAM	160@0	28.542	29.69
7	15	35	507000	2535.0	CP-OFDM QPSK	188@0	33.608	34.7
7	15	35	507000	2535.0	CP-OFDM 16 QAM	188@0	33.524	34.78
7	15	35	507000	2535.0	CP-OFDM 64 QAM	188@0	33.513	34.99
7	15	35	507000	2535.0	CP-OFDM 256 QAM	188@0	33.49	34.67
7	15	40	507000	2535.0	CP-OFDM QPSK	216@0	38.535	40.05
7	15	40	507000	2535.0	CP-OFDM 16 QAM	216@0	38.537	40.05
7	15	40	507000	2535.0	CP-OFDM 64 QAM	216@0	38.534	39.87
7	15	40	507000	2535.0	CP-OFDM 256 QAM	216@0	38.538	39.9
7	15	50	507000	2535.0	CP-OFDM QPSK	270@0	48.109	49.85
7	15	50	507000	2535.0	CP-OFDM 16 QAM	270@0	48.157	49.8
7	15	50	507000	2535.0	CP-OFDM 64 QAM	270@0	48.174	49.84
7	15	50	507000	2535.0	CP-OFDM 256 QAM	270@0	48.238	50.61



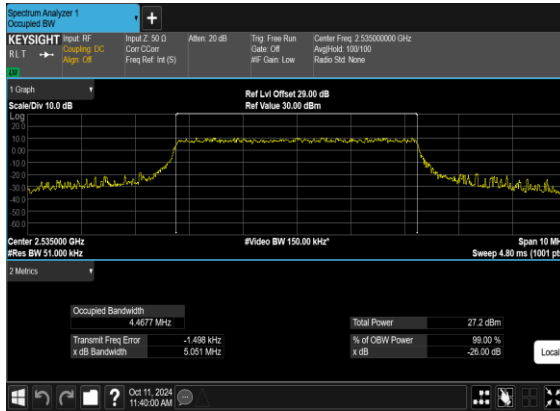
N7(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



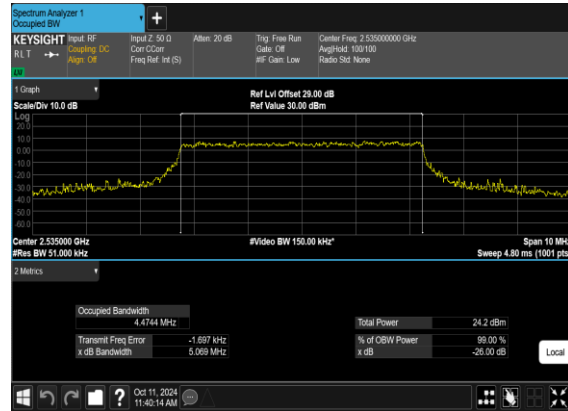
N7(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



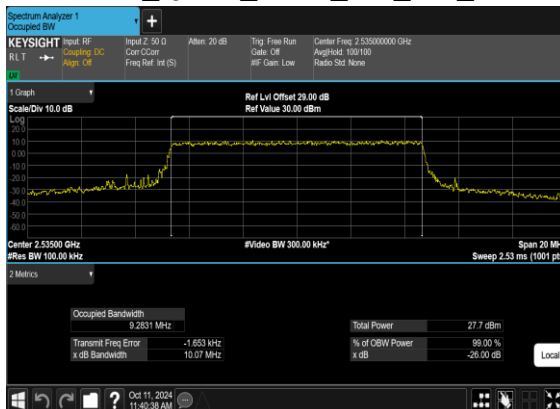
N7(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



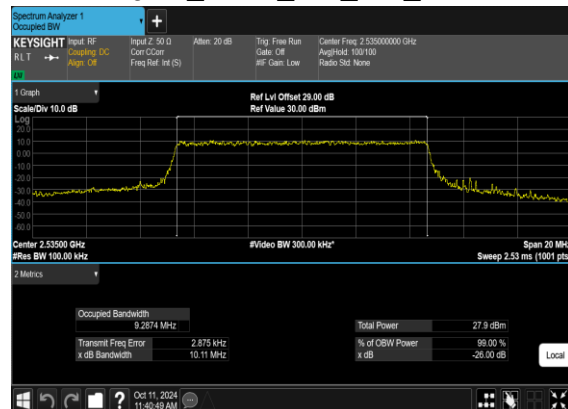
N7(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N7(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH

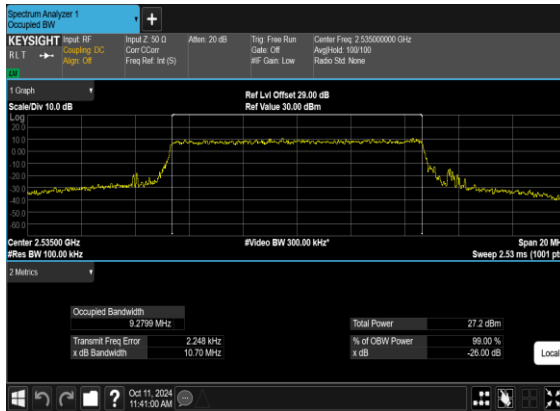


N7(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

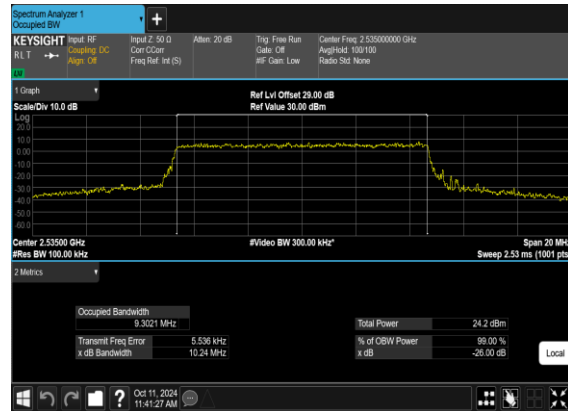




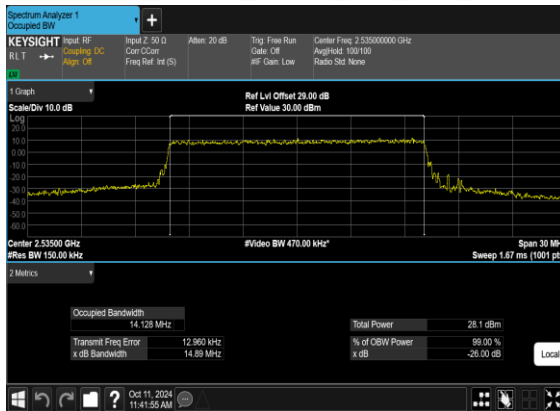
N7(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



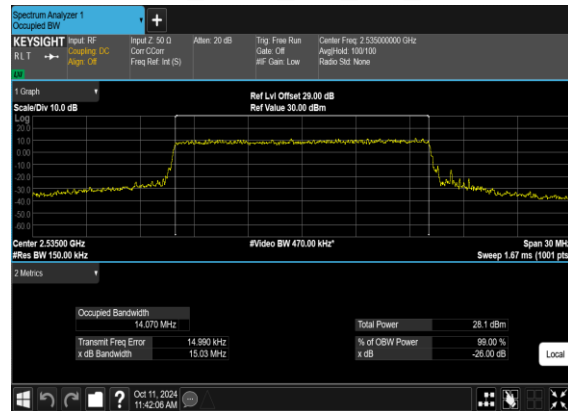
N7(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



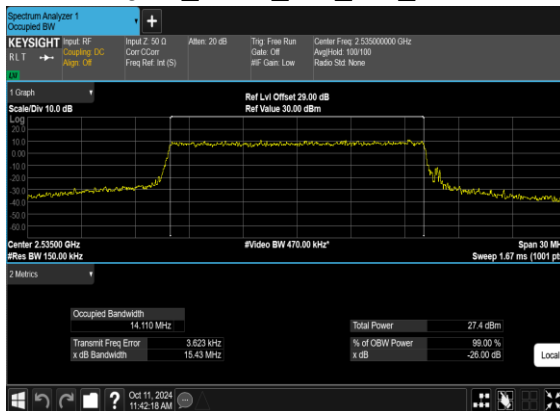
N7(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



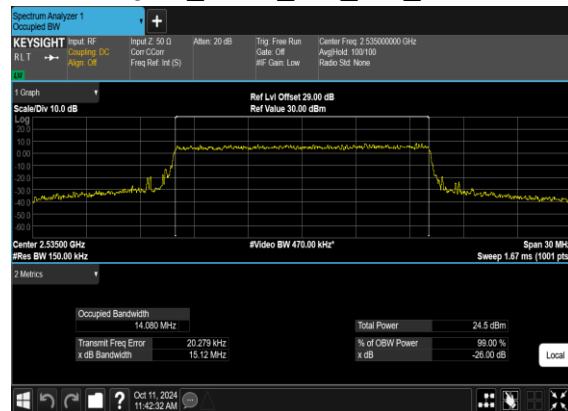
N7(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

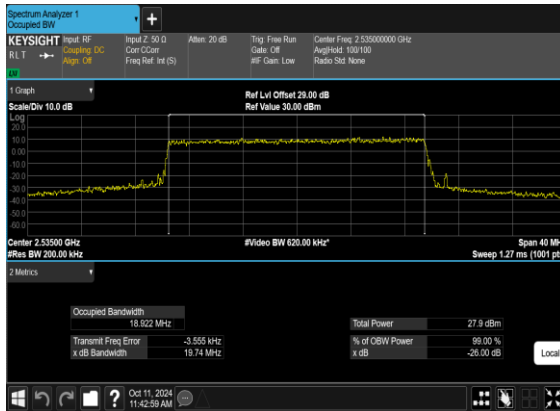


N7(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

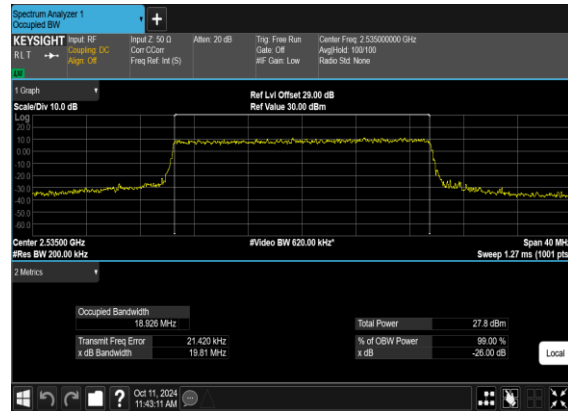




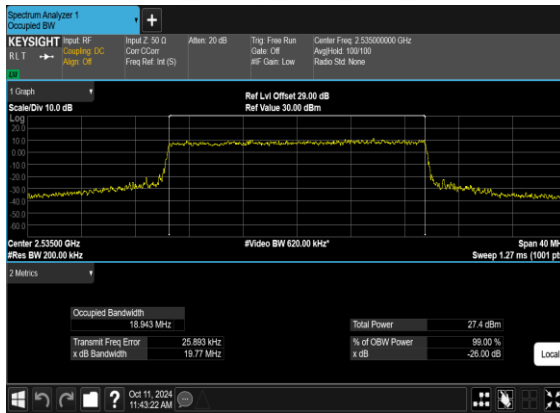
N7(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



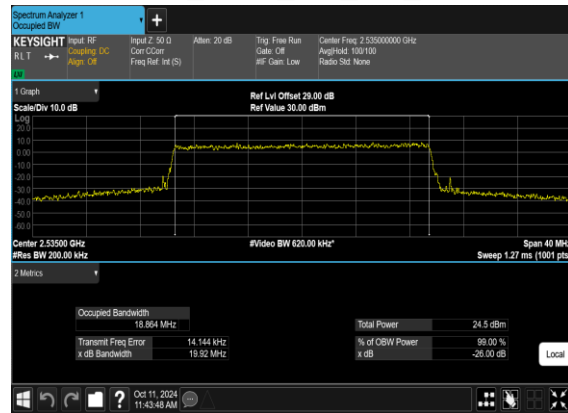
N7(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



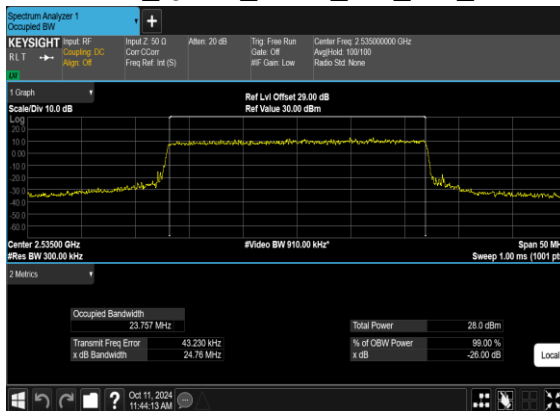
N7(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



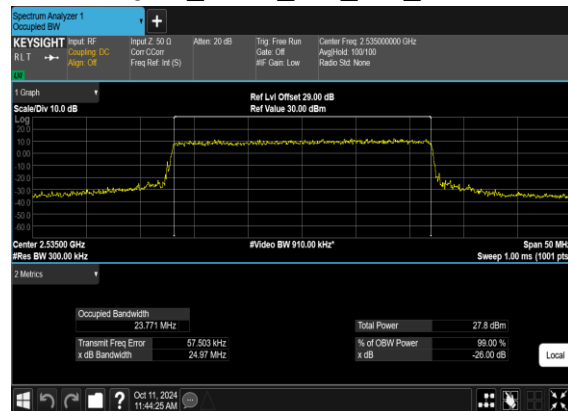
N7(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N7(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH

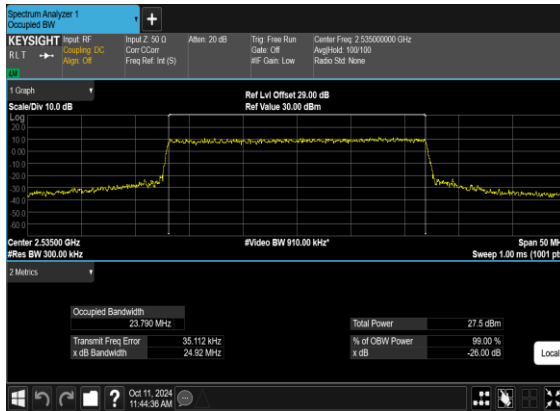


N7(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

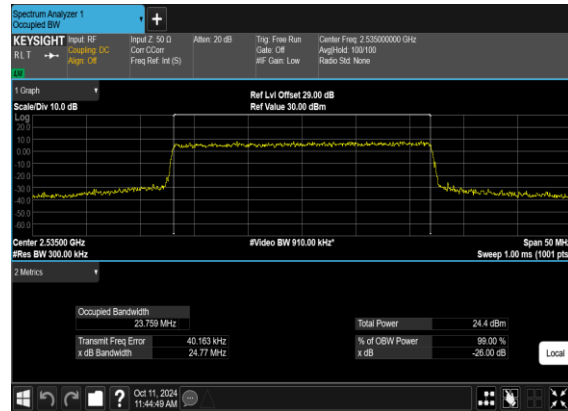




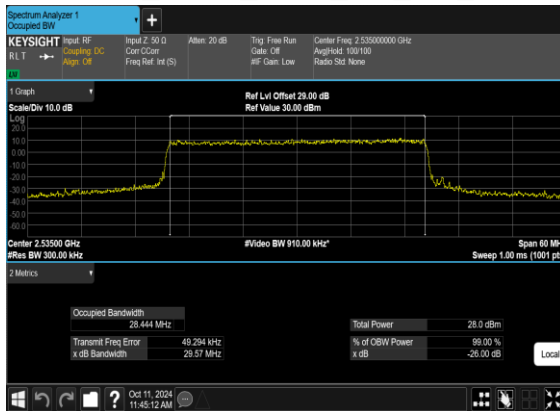
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QAM_Outer_Full_Mid_CH



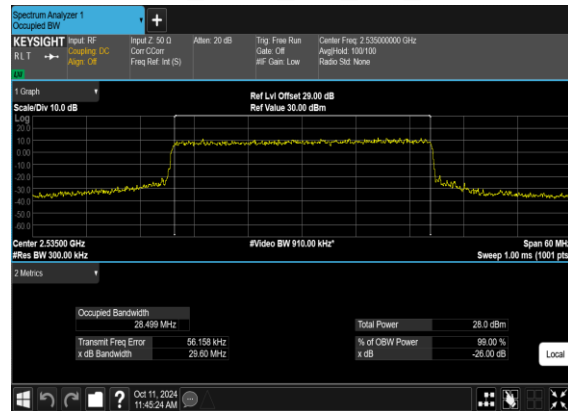
N7(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



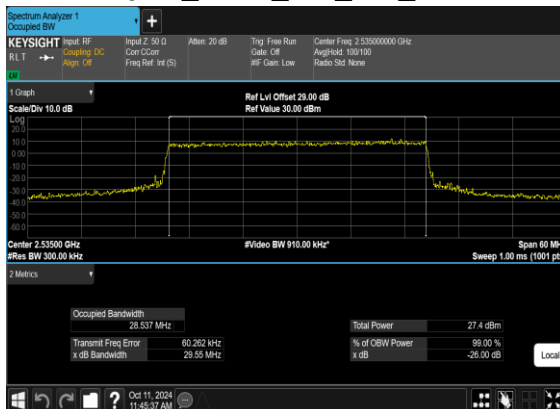
N7(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



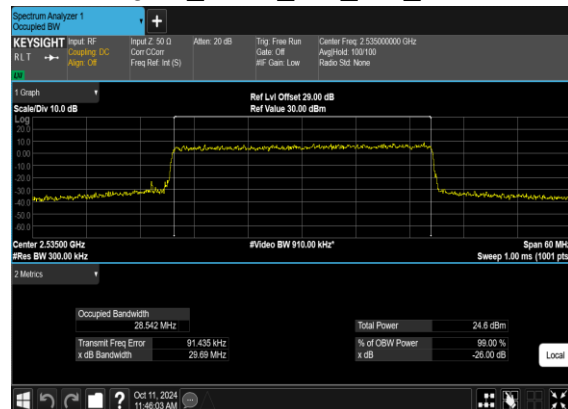
N7(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

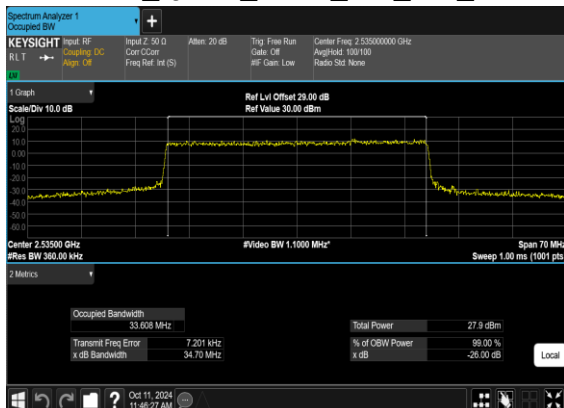


N7(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

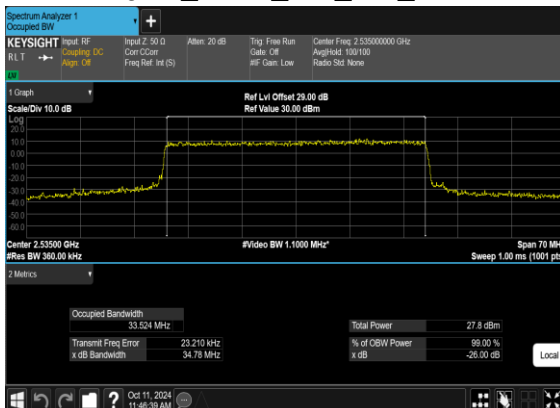




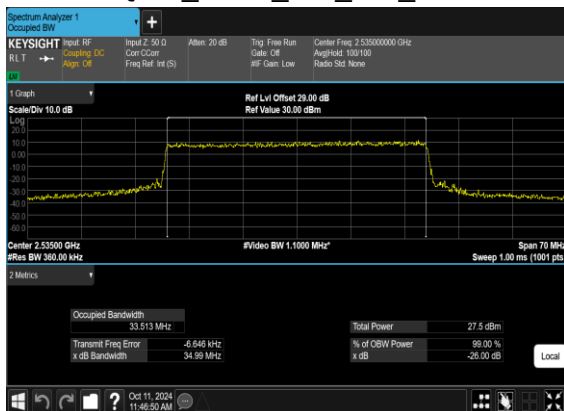
N7(35M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



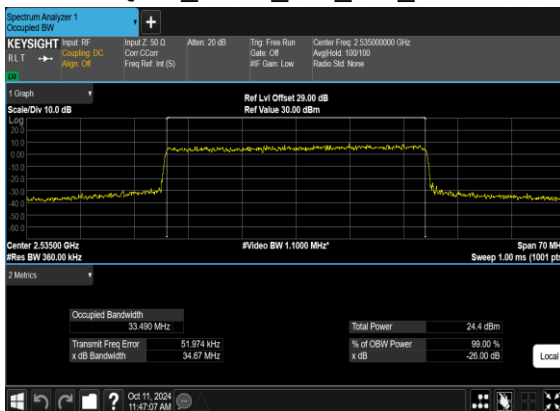
N7(35M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



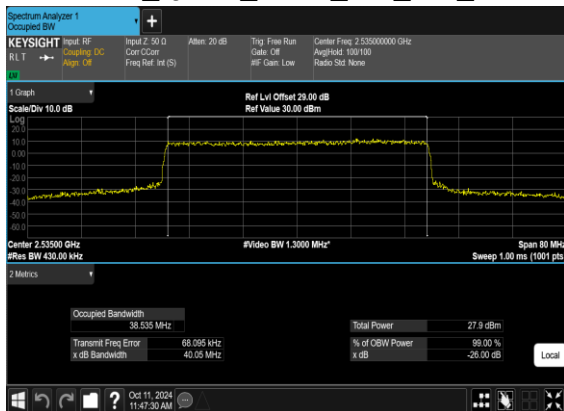
N7(35M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



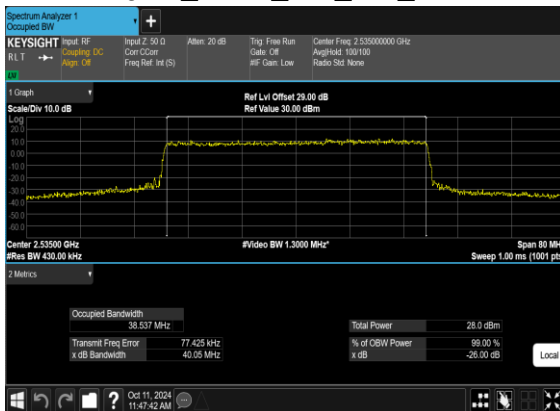
N7(35M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

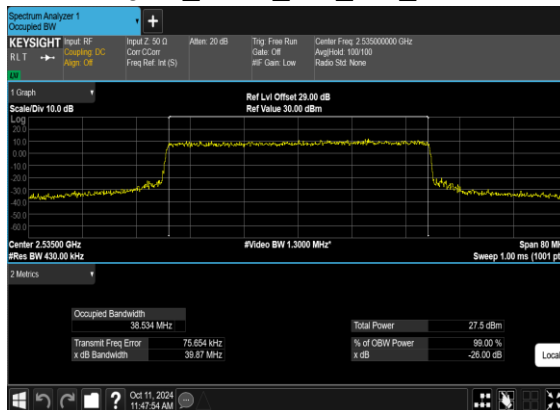
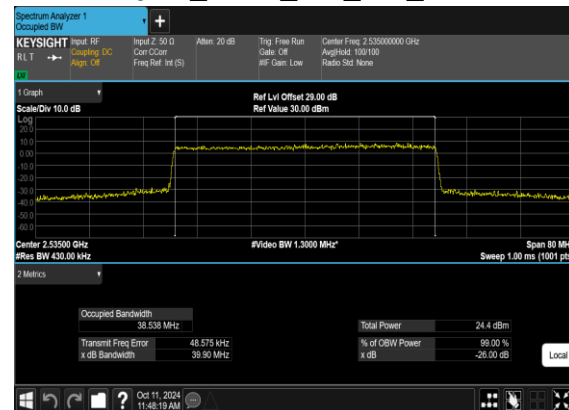
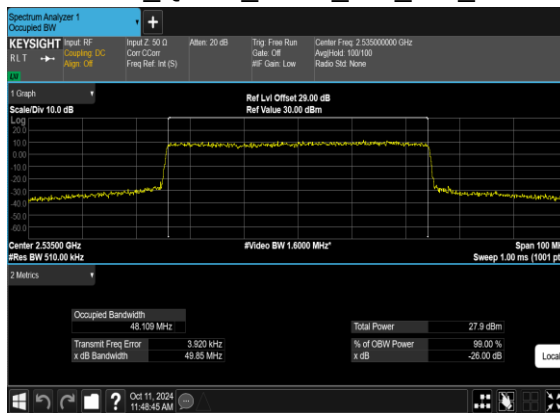
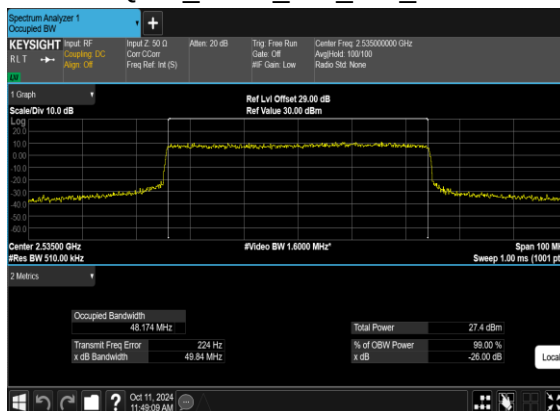
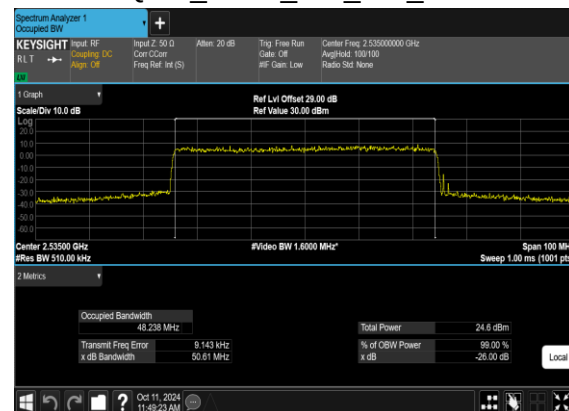


N7(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N7(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



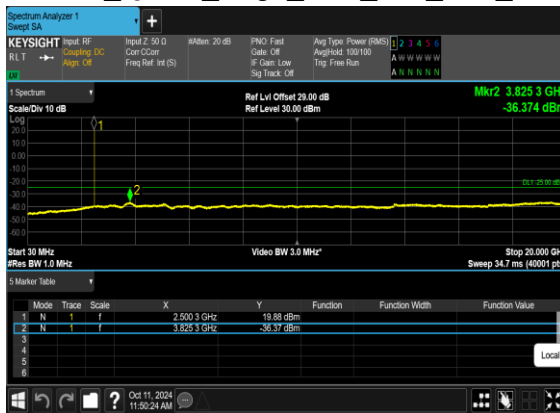
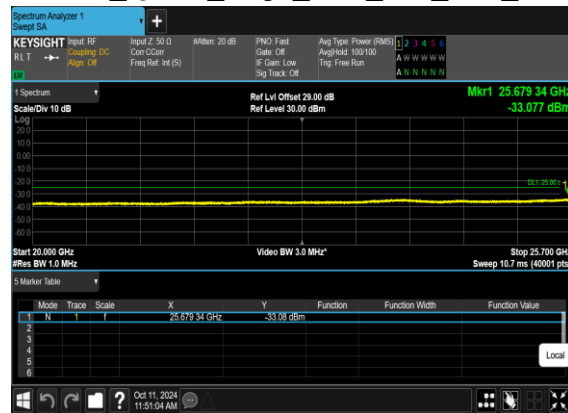
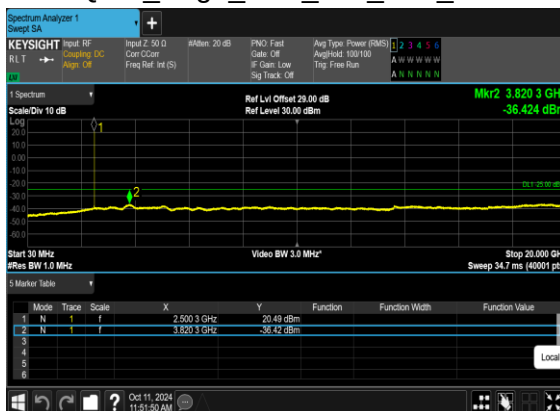
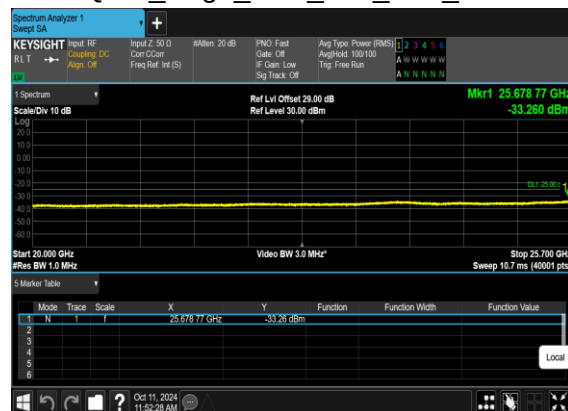
N7(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CHN7(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CHN7(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CHN7(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CHN7(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CHN7(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

**Conducted Spurious Emissions**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	---
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	CP-OFDM 16 QAM	1@0	see graph	---
7	15	5	500500	2502.5	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	5	500500	2502.5	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	5	507000	2535.0	CP-OFDM QPSK	1@0	see graph	---
7	15	5	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	CP-OFDM 16 QAM	1@0	see graph	---
7	15	5	507000	2535.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	5	507000	2535.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	1@0	see graph	---
7	15	5	513500	2567.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM 16 QAM	1@0	see graph	---
7	15	5	513500	2567.5	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM QPSK	1@0	see graph	---
7	15	25	502500	2512.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM 16 QAM	1@0	see graph	---
7	15	25	502500	2512.5	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	25	507000	2535.0	CP-OFDM QPSK	1@0	see graph	---
7	15	25	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	507000	2535.0	CP-OFDM 16 QAM	1@0	see graph	---
7	15	25	507000	2535.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	25	507000	2535.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM QPSK	1@0	see graph	---
7	15	25	511500	2557.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM 16 QAM	1@0	see graph	---
7	15	25	511500	2557.5	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM QPSK	1@0	see graph	---
7	15	50	505000	2525.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM 16 QAM	1@0	see graph	---
7	15	50	505000	2525.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	50	507000	2535.0	CP-OFDM QPSK	1@0	see graph	---



7	15	50	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	507000	2535.0	CP-OFDM 16 QAM	1@0	see graph	---
7	15	50	507000	2535.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	50	507000	2535.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM QPSK	1@0	see graph	---
7	15	50	509000	2545.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM 16 QAM	1@0	see graph	---
7	15	50	509000	2545.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM 16 QAM	1@0	see graph	PASS

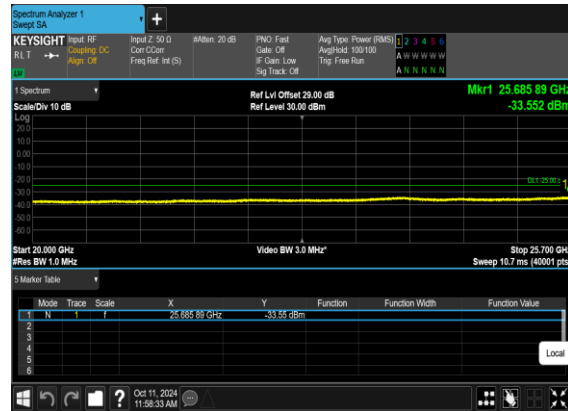
N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CHN7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CHN7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CHN7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



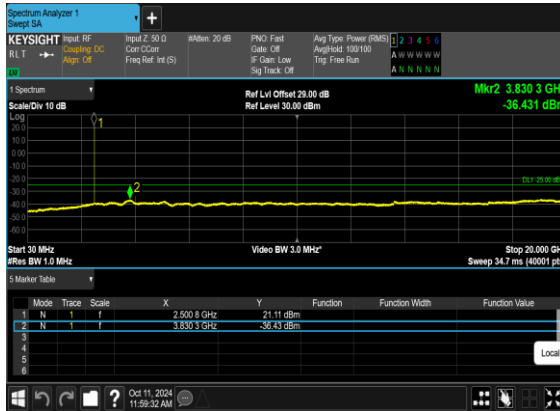
N7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



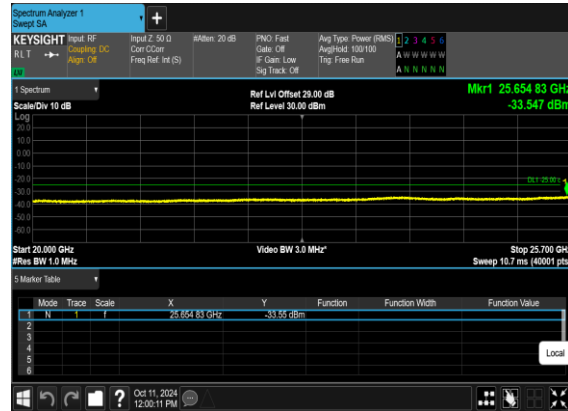
N7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



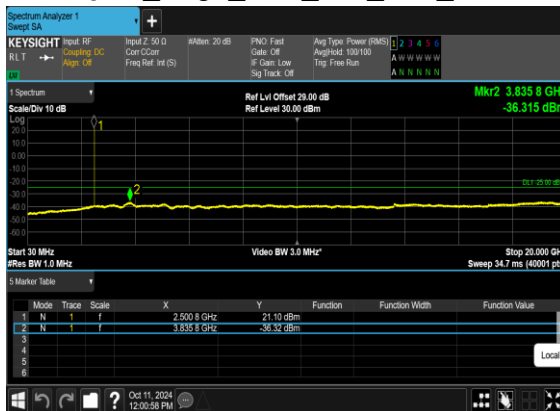
N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



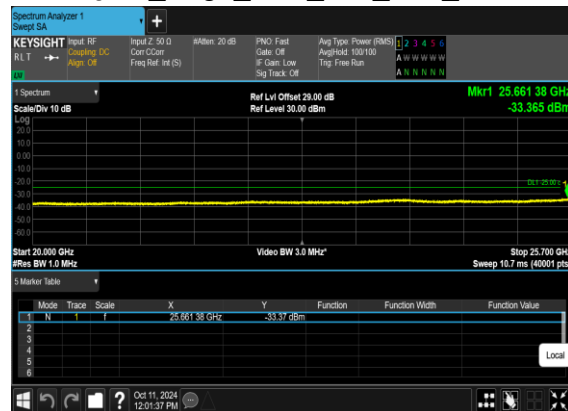
N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

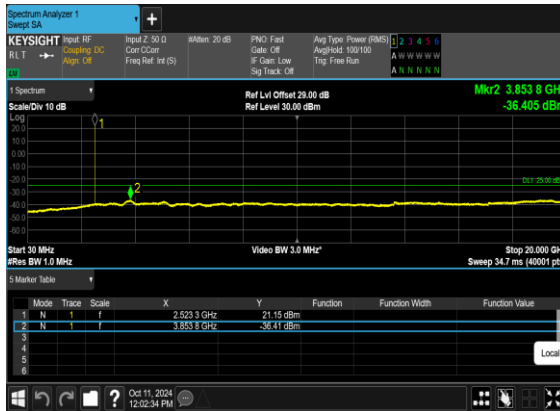


N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

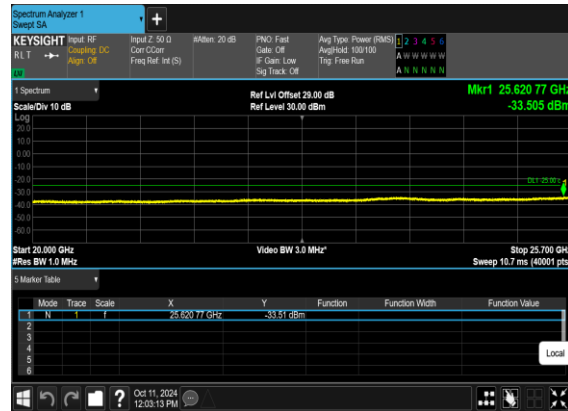




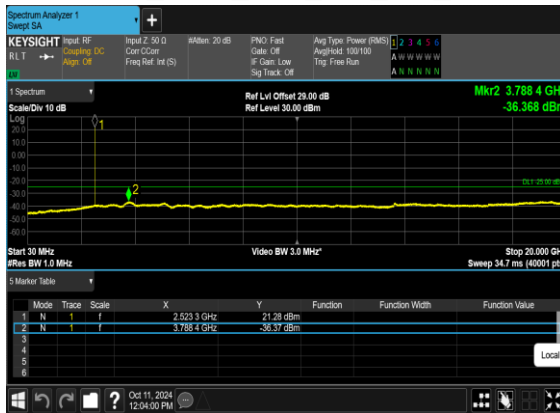
N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



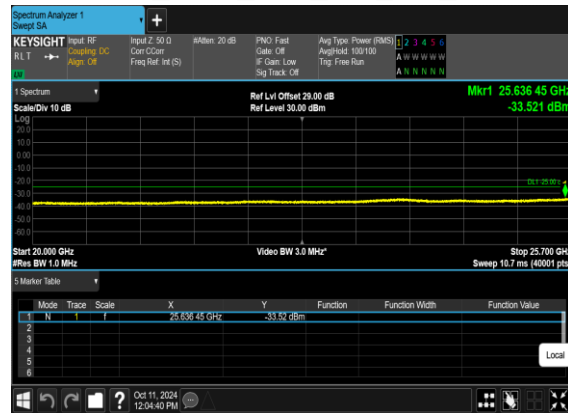
N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



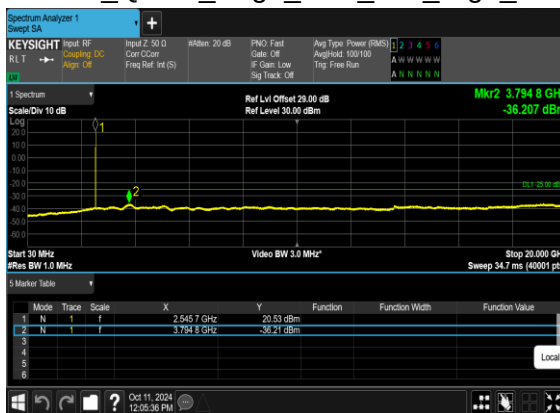
N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

