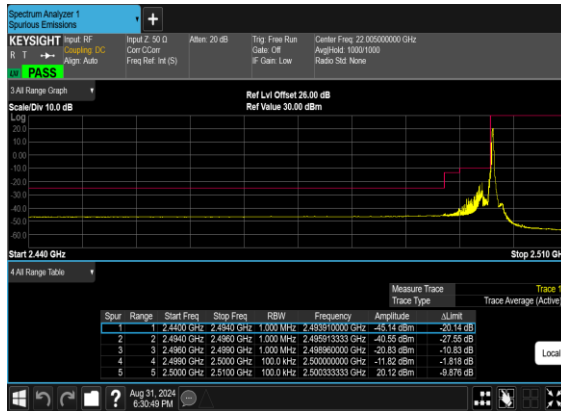
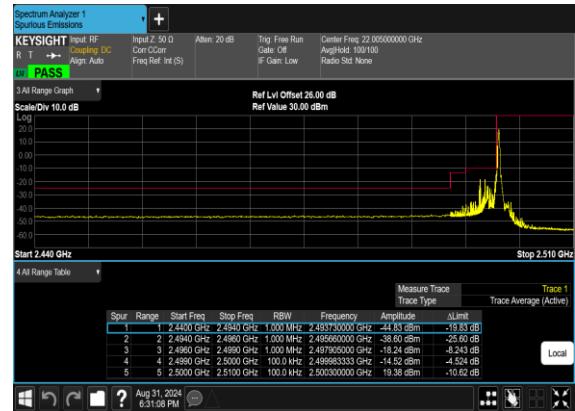




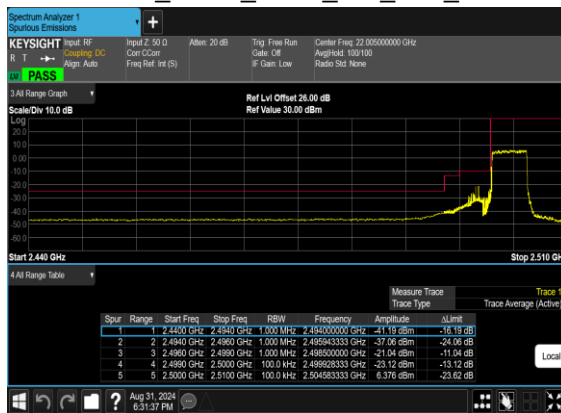
B5_N7(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



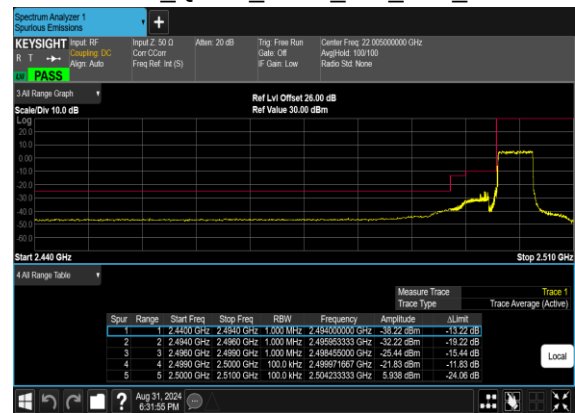
B5_N7(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N7(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

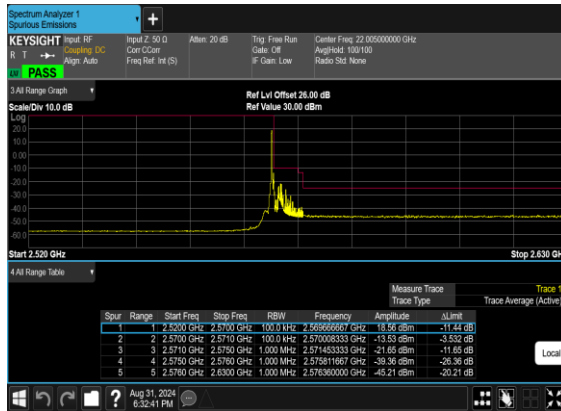


B5_N7(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

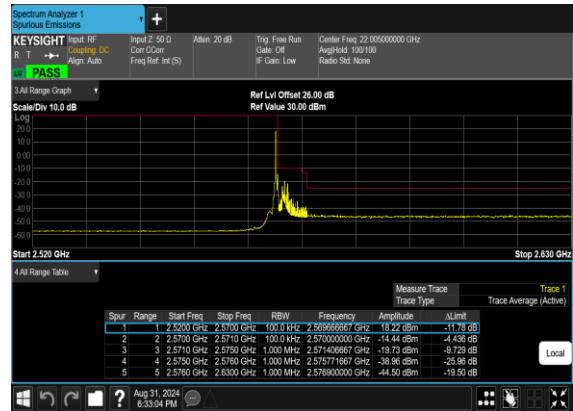




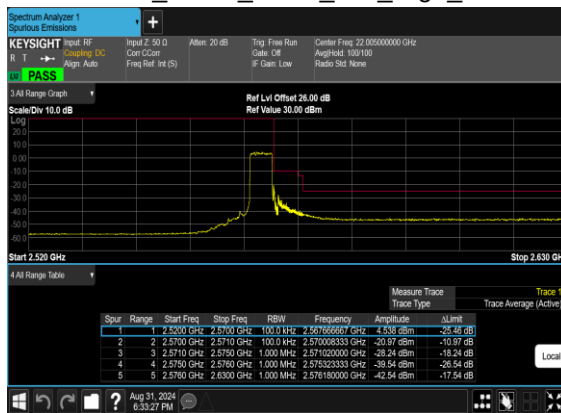
B5_N7(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



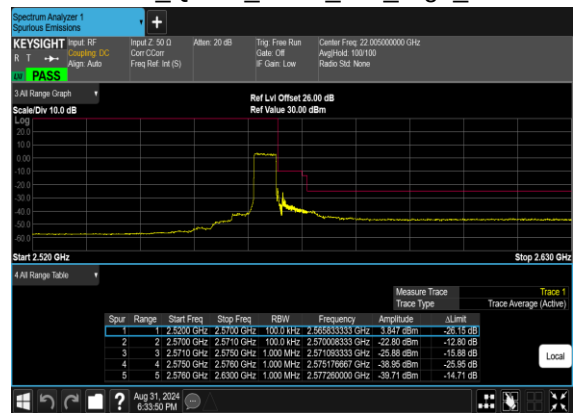
B5_N7(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N7(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

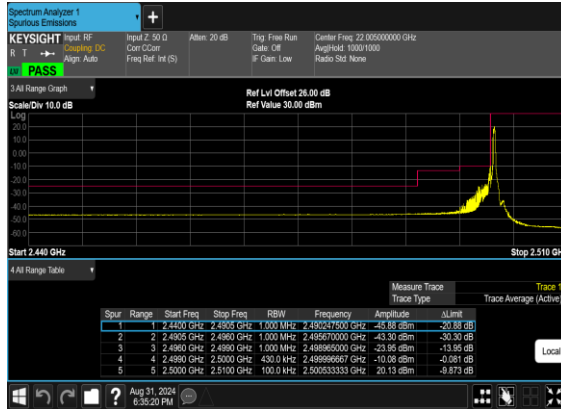


B5_N7(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

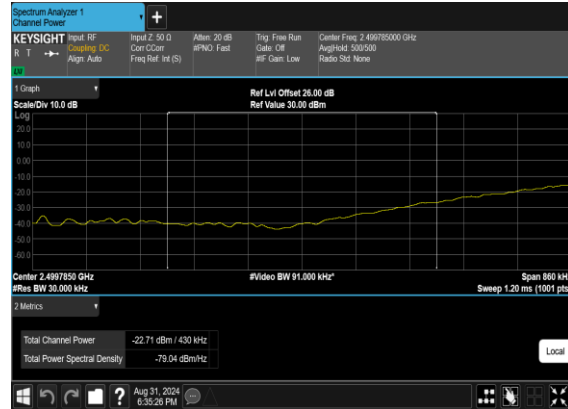




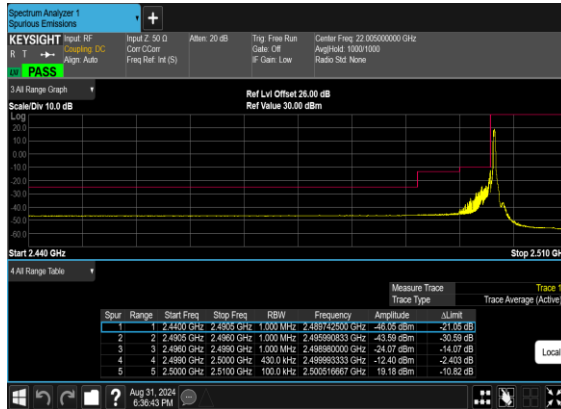
B5_N7(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



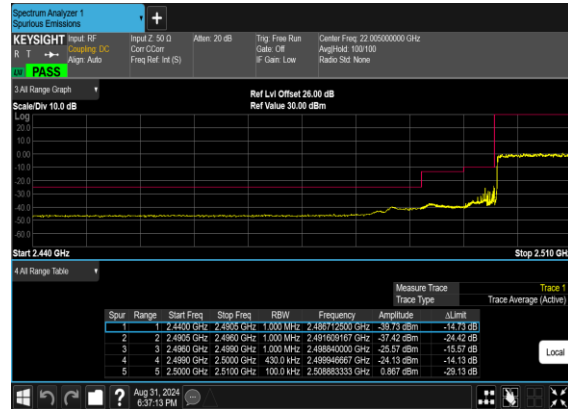
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Edge_1RB_Left_Low_CH_CHP_PASS

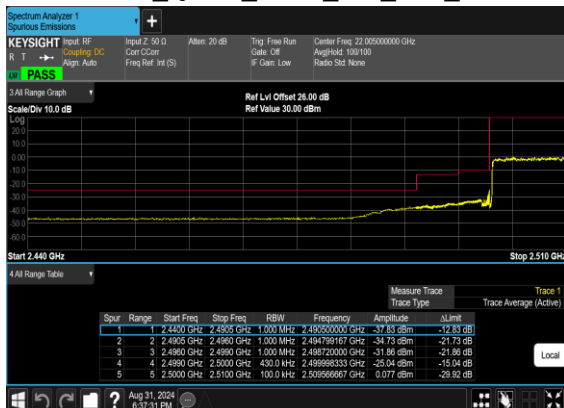
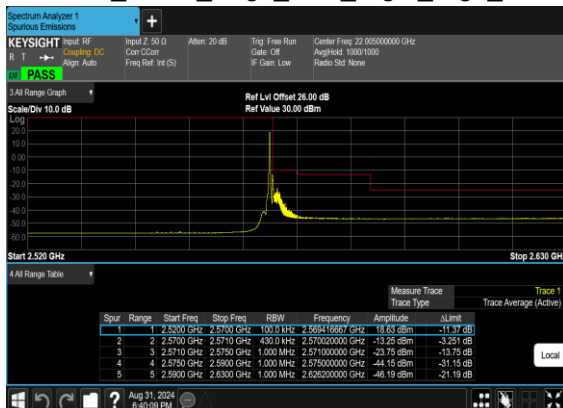
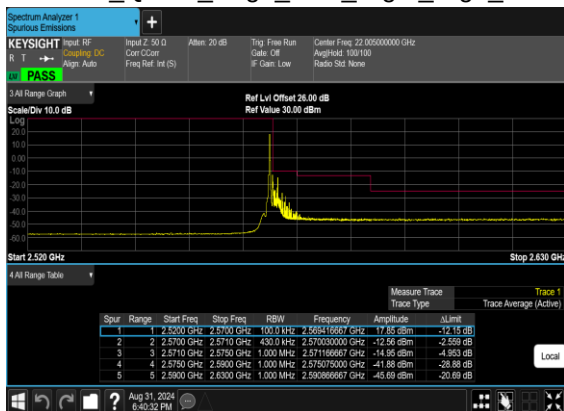
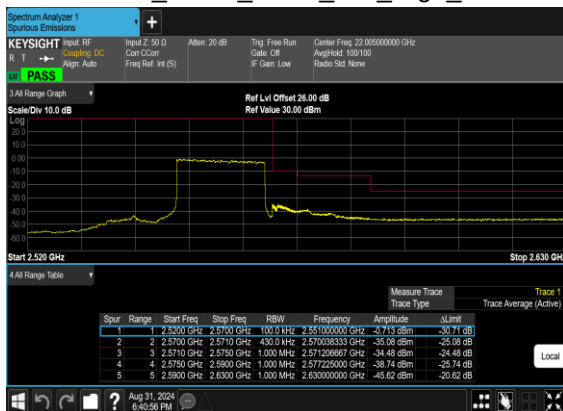


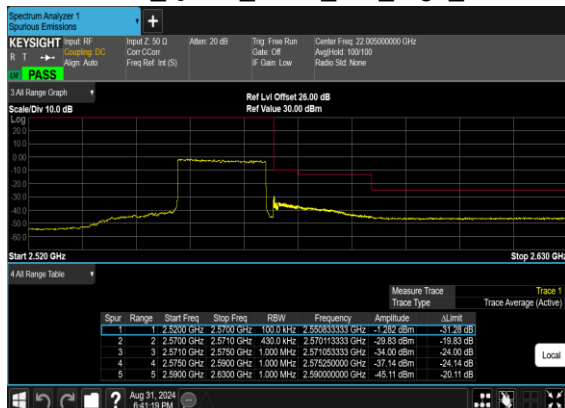
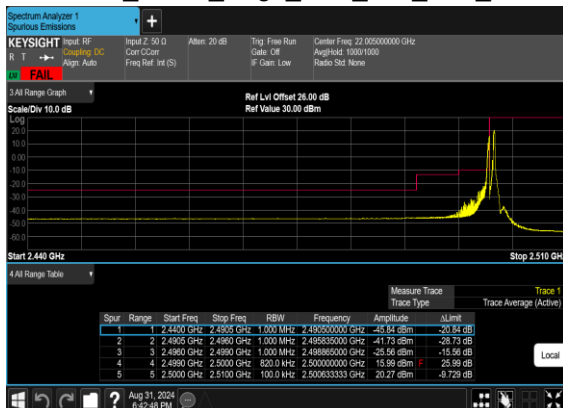
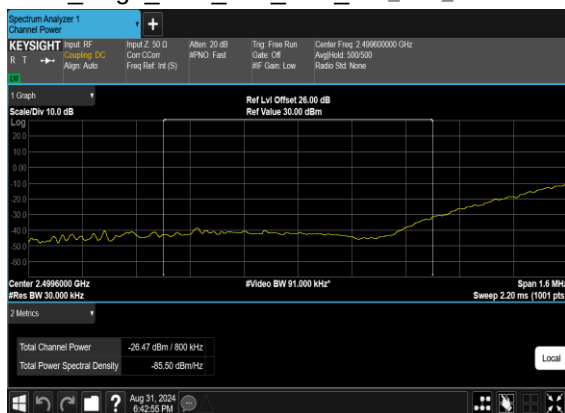
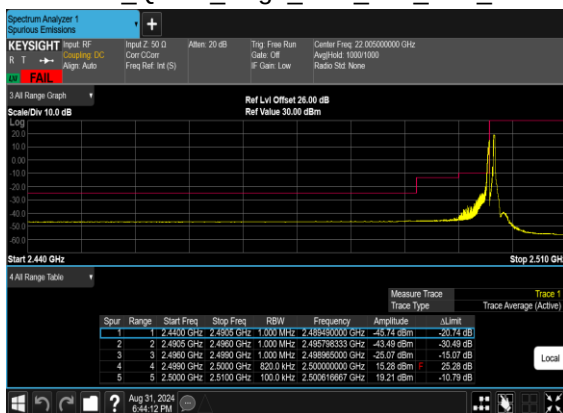
B5_N7(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N7(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

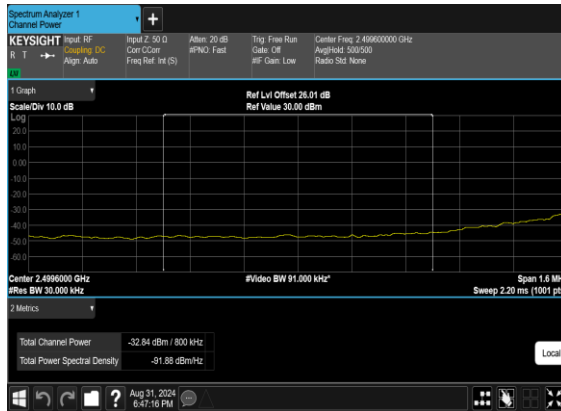


B5_N7(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CHB5_N7(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHB5_N7(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHB5_N7(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

B5_N7(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CHB5_N7(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHB5_N7(40M)_DFT-s-OFDM_BPSK
_Edge_1RB_Left_Low_CH_CHP_PASSB5_N7(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



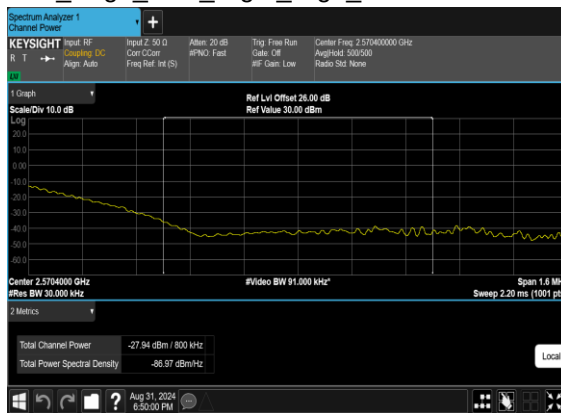
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OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS



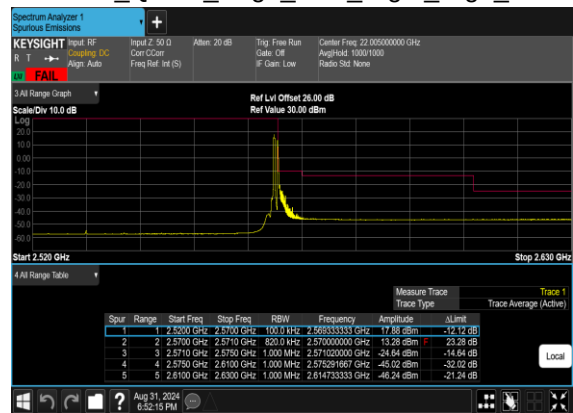
B5_N7(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B5_N7(40M)_DFT-s-OFDM_BPSK
_Edge_1RB_Right_High_CH_CHP_PASS

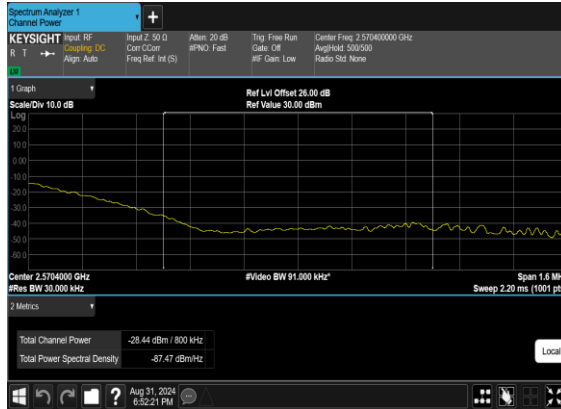


B5_N7(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

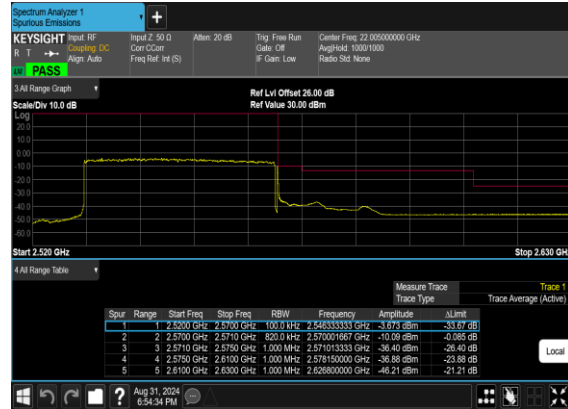




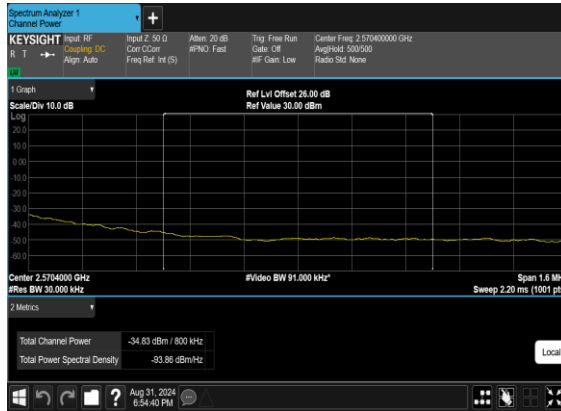
B5_N7(40M)_DFT-s-OFDM_QPSK
Edge_1RB_Right_High_CH_CHP_PASS



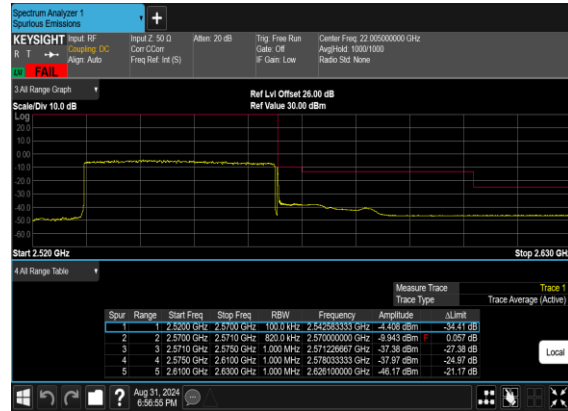
B5_N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B5_N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_CHP_PASS

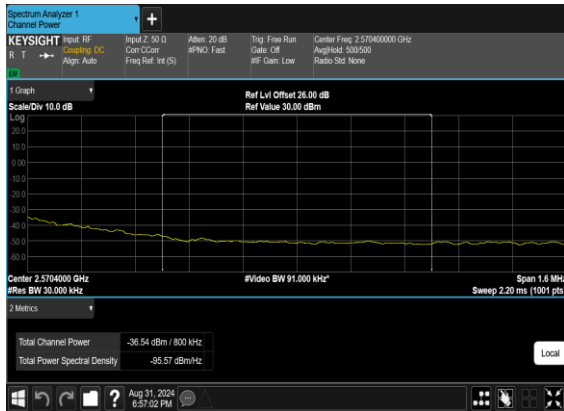


B5_N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





B5_N7(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH_CHP_PASS





Software Version: 23.06.1602

FR1 N7 MIMO-ANT3

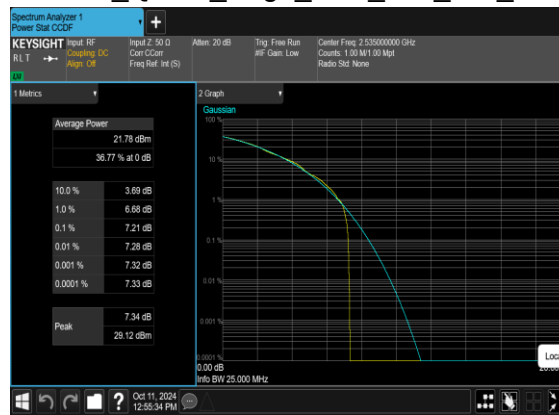
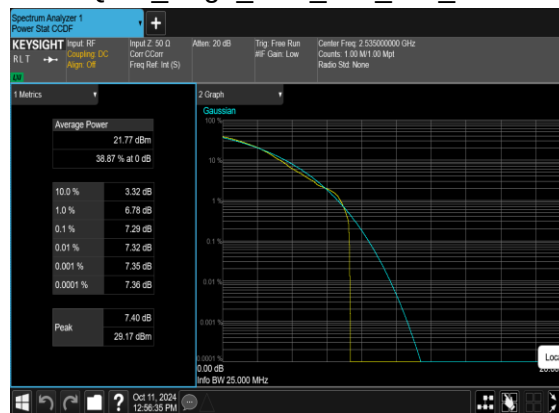
Frequency Stability

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	0.0035	PASS	NV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0028	PASS	LV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0069	PASS	HV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0063	PASS	-30°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0071	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	0.0027	PASS	0°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0069	PASS	10°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0042	PASS	20°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0064	PASS	30°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0082	PASS	40°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0034	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	7.51	13	PASS
7	15	20	507000	2535.0	CP-OFDM QPSK	1@0	7.21	13	PASS
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	7.37	13	PASS
7	15	20	507000	2535.0	CP-OFDM 16 QAM	1@0	7.29	13	PASS

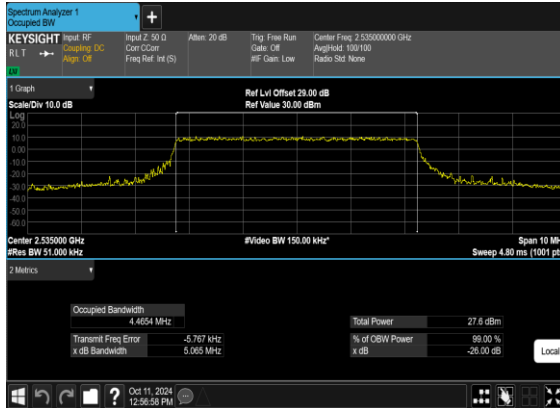
N7(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CHN7(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN7(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CHN7(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH

**Occupied Bandwidth**

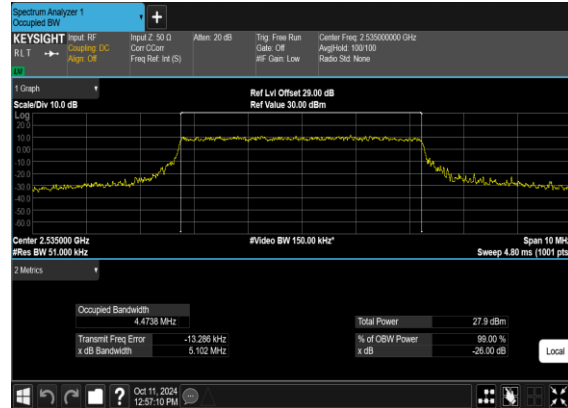
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.4654	5.065
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.4738	5.102
7	15	5	507000	2535.0	CP-OFDM 64 QAM	25@0	4.4712	4.983
7	15	5	507000	2535.0	CP-OFDM 256 QAM	25@0	4.4742	5.055
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.2772	10.03
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.2921	10.07
7	15	10	507000	2535.0	CP-OFDM 64 QAM	52@0	9.2766	9.903
7	15	10	507000	2535.0	CP-OFDM 256 QAM	52@0	9.2894	9.993
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.095	15.01
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.117	14.91
7	15	15	507000	2535.0	CP-OFDM 64 QAM	79@0	14.097	14.85
7	15	15	507000	2535.0	CP-OFDM 256 QAM	79@0	14.127	15.37
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.936	19.77
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.97	19.85
7	15	20	507000	2535.0	CP-OFDM 64 QAM	106@0	18.938	19.92
7	15	20	507000	2535.0	CP-OFDM 256 QAM	106@0	18.874	19.72
7	15	25	507000	2535.0	CP-OFDM QPSK	133@0	23.719	24.71
7	15	25	507000	2535.0	CP-OFDM 16 QAM	133@0	23.764	24.7
7	15	25	507000	2535.0	CP-OFDM 64 QAM	133@0	23.778	24.84
7	15	25	507000	2535.0	CP-OFDM 256 QAM	133@0	23.76	24.68
7	15	30	507000	2535.0	CP-OFDM QPSK	160@0	28.558	29.84
7	15	30	507000	2535.0	CP-OFDM 16 QAM	160@0	28.529	29.56
7	15	30	507000	2535.0	CP-OFDM 64 QAM	160@0	28.556	29.88
7	15	30	507000	2535.0	CP-OFDM 256 QAM	160@0	28.568	29.62
7	15	35	507000	2535.0	CP-OFDM QPSK	188@0	33.638	34.8
7	15	35	507000	2535.0	CP-OFDM 16 QAM	188@0	33.543	34.71
7	15	35	507000	2535.0	CP-OFDM 64 QAM	188@0	33.54	34.92
7	15	35	507000	2535.0	CP-OFDM 256 QAM	188@0	33.566	34.82
7	15	40	507000	2535.0	CP-OFDM QPSK	216@0	38.655	39.87
7	15	40	507000	2535.0	CP-OFDM 16 QAM	216@0	38.598	39.9
7	15	40	507000	2535.0	CP-OFDM 64 QAM	216@0	38.604	40.08
7	15	40	507000	2535.0	CP-OFDM 256 QAM	216@0	38.618	39.94
7	15	50	507000	2535.0	CP-OFDM QPSK	270@0	48.251	49.78
7	15	50	507000	2535.0	CP-OFDM 16 QAM	270@0	48.258	49.72
7	15	50	507000	2535.0	CP-OFDM 64 QAM	270@0	48.372	49.92
7	15	50	507000	2535.0	CP-OFDM 256 QAM	270@0	48.26	49.76



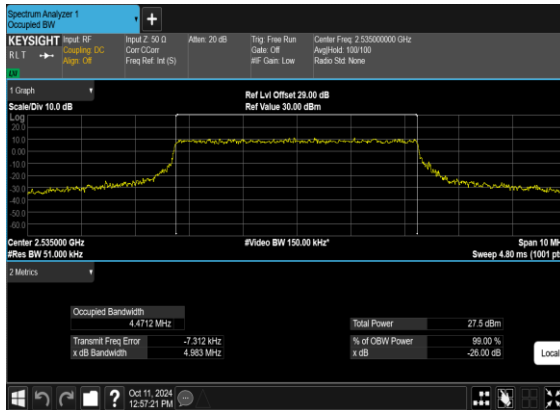
N7(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



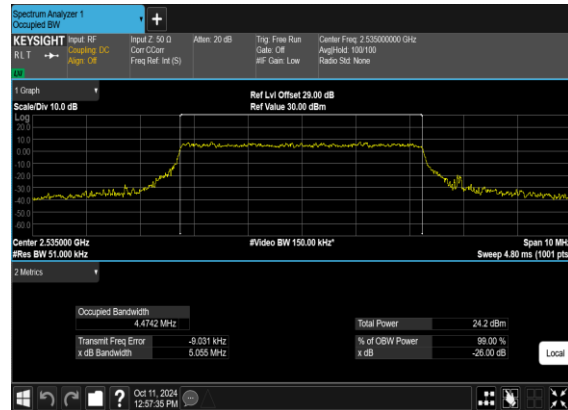
N7(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

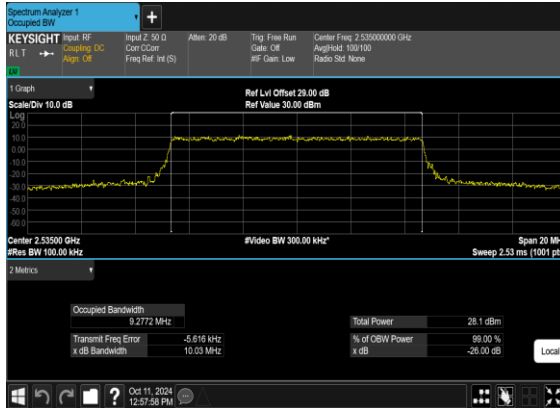


N7(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

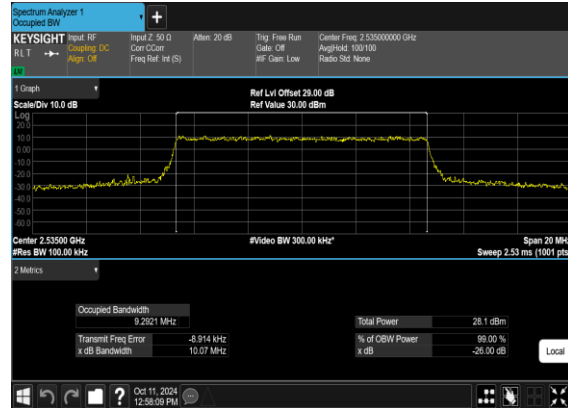




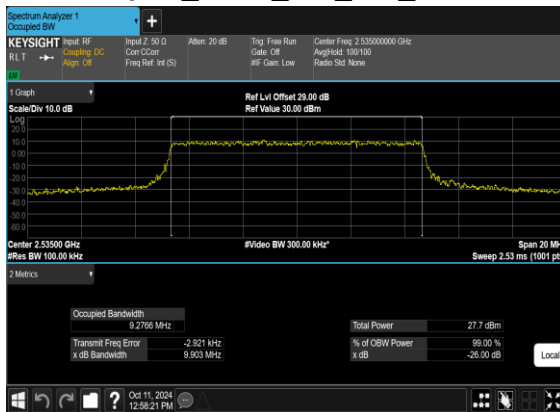
N7(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



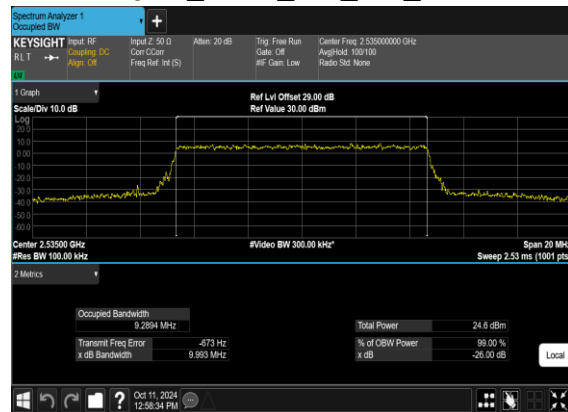
N7(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

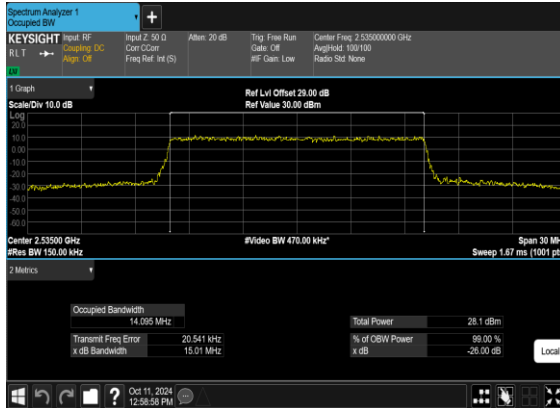


N7(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

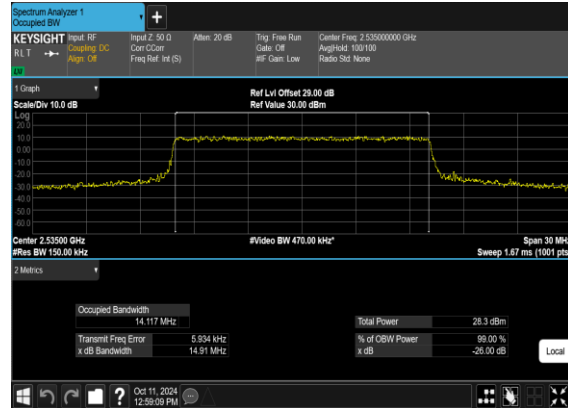




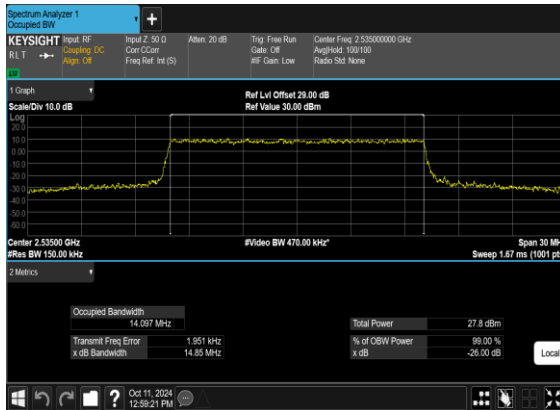
N7(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



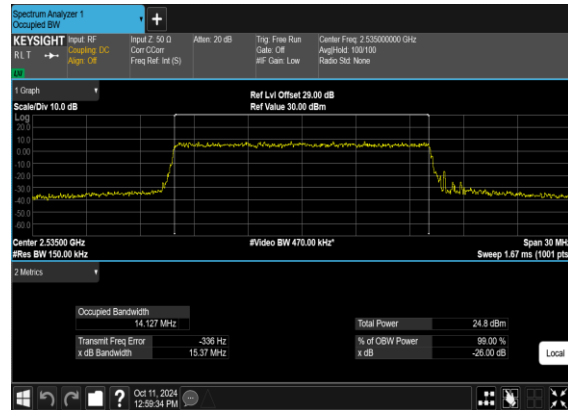
N7(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

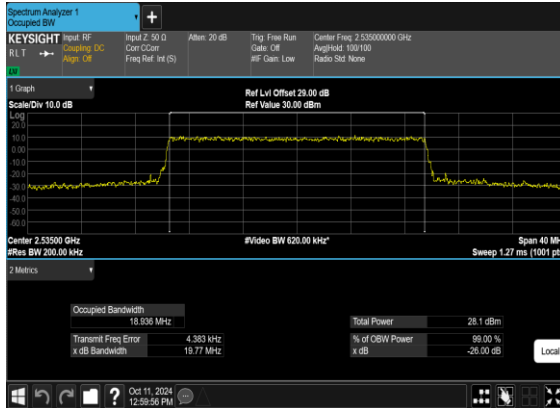


N7(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

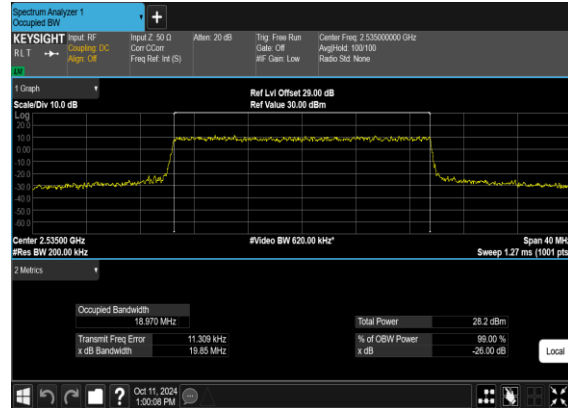




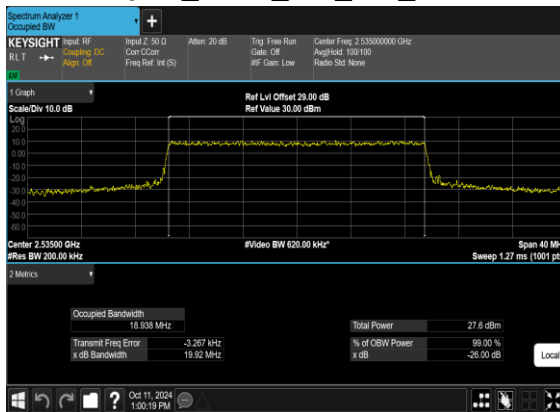
N7(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



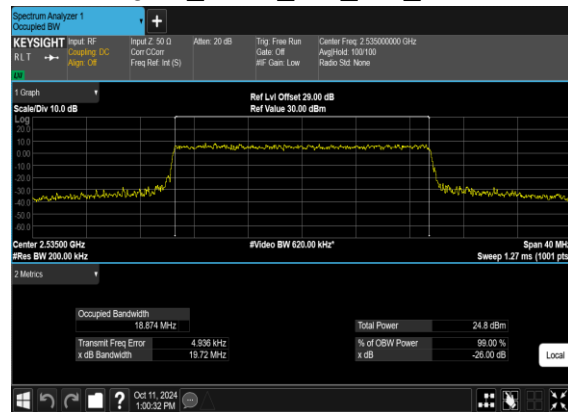
N7(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

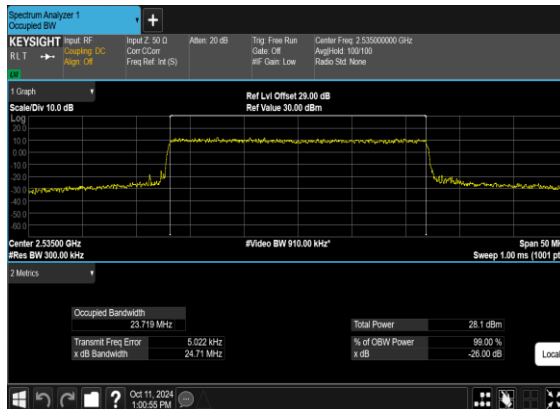


N7(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

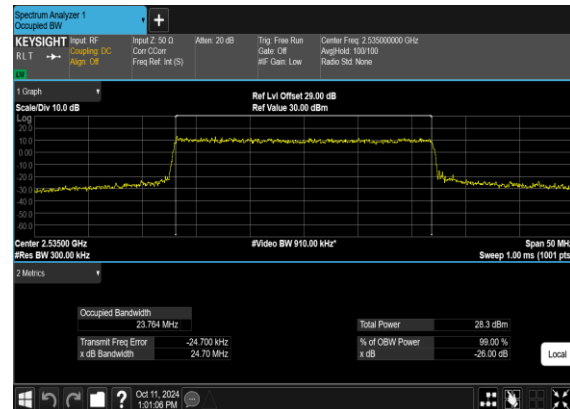




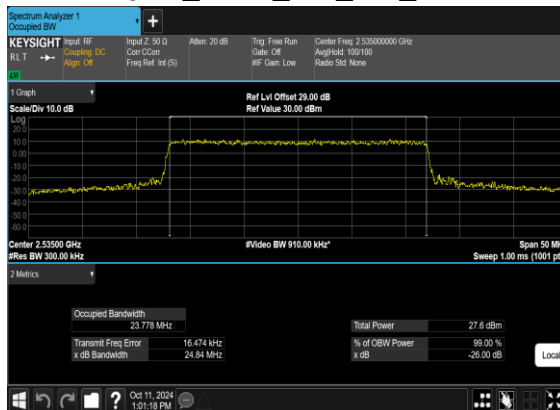
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OFDM_QPSK_Outer_Full_Mid_CH



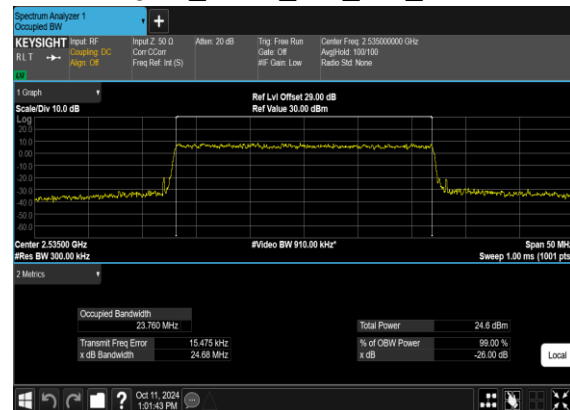
N7(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

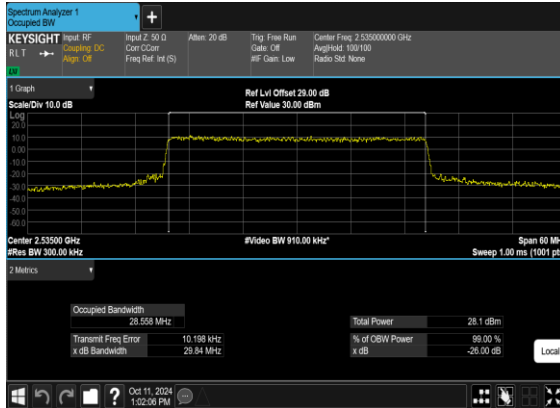


N7(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

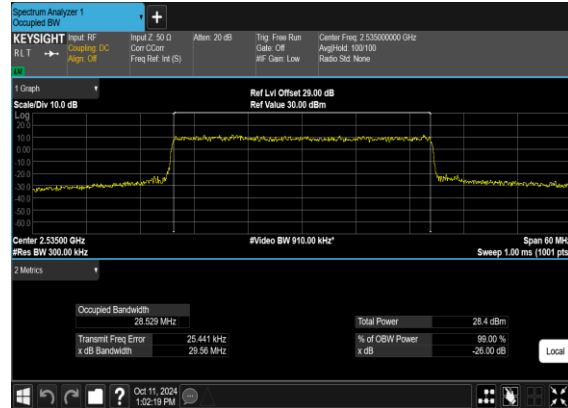




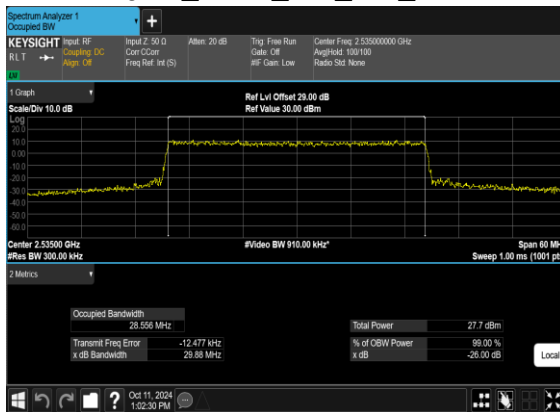
N7(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



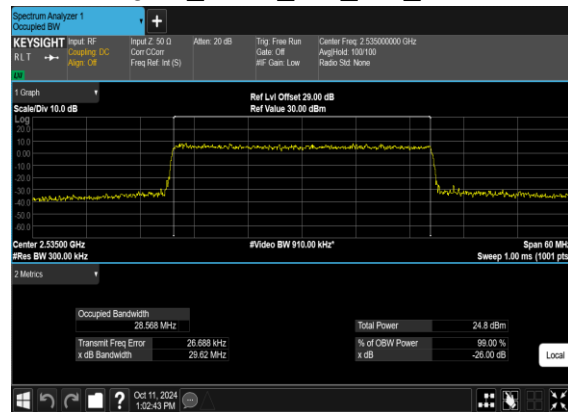
N7(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

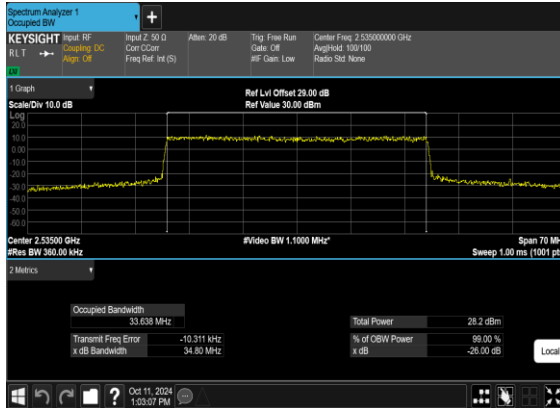


N7(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

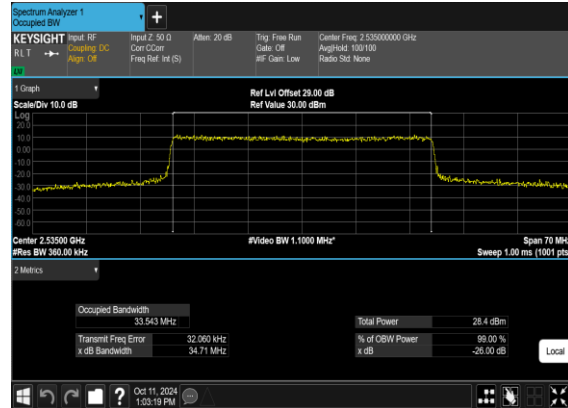




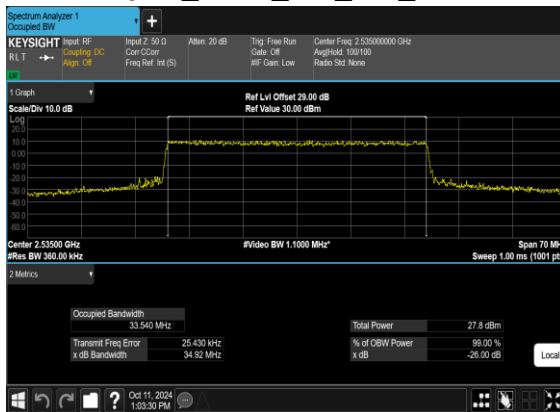
N7(35M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



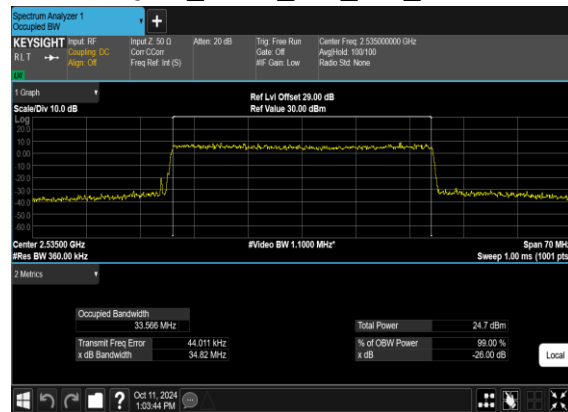
N7(35M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(35M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

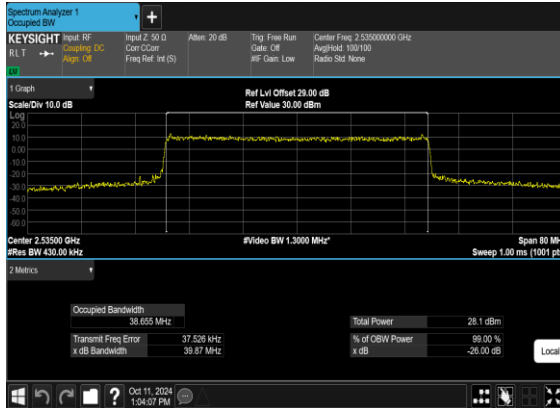


N7(35M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

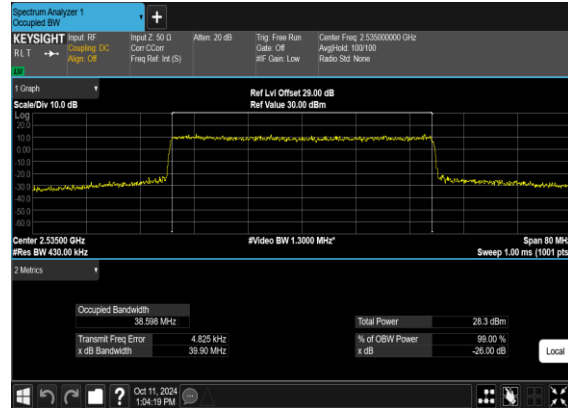




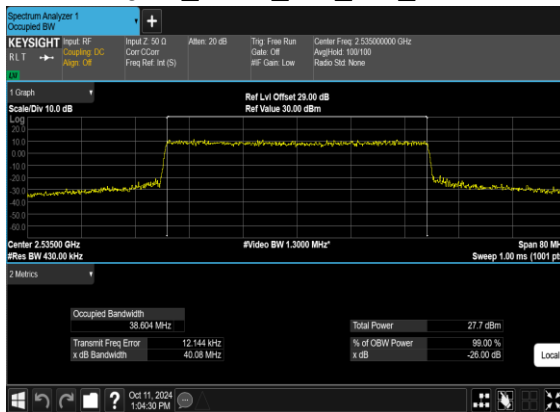
N7(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



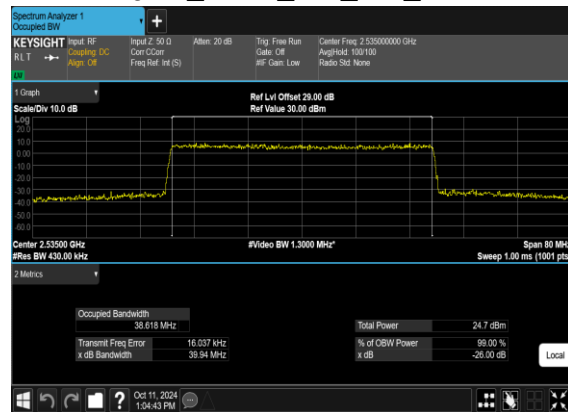
N7(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N7(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

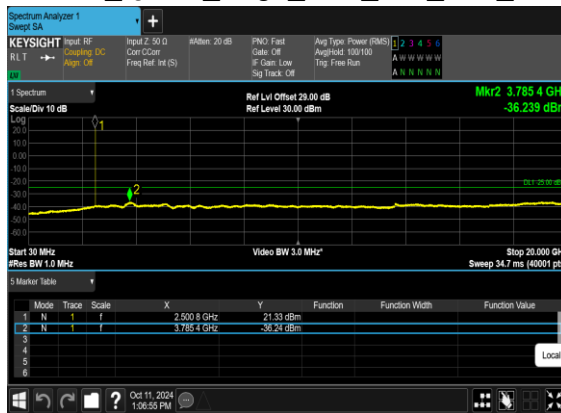
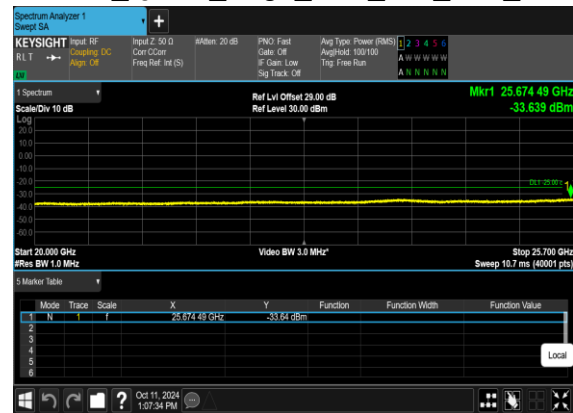
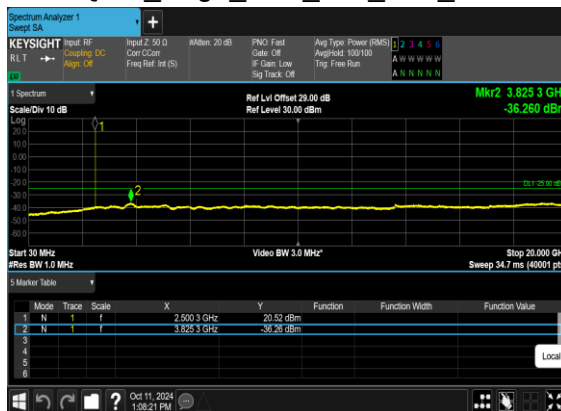
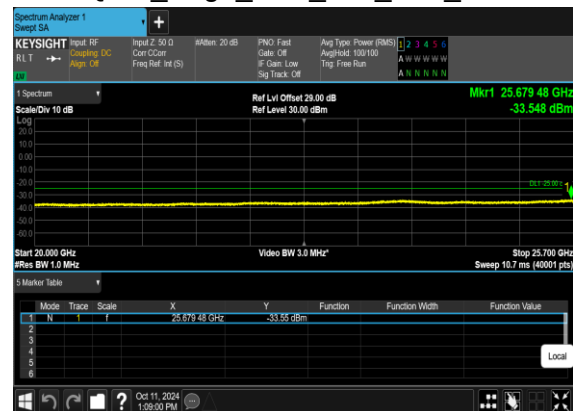


**Conducted Spurious Emissions**

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

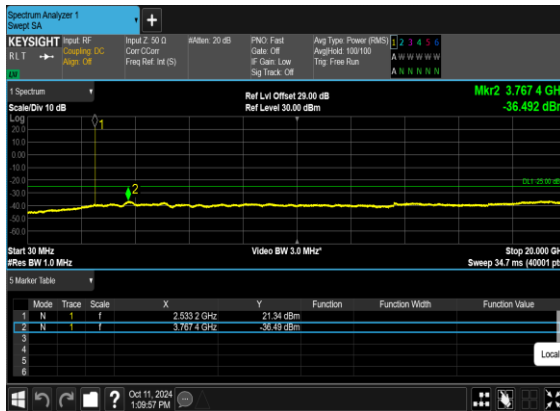


7	15	50	505000	2525.0	CP-OFDM 16 QAM	1@0	see graph	PASS
7	15	50	507000	2535.0	CP-OFDM QPSK	1@0	see graph	---
7	15	50	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	507000	2535.0	CP-OFDM 16 QAM	1@0	see graph	---
7	15	50	507000	2535.0	CP-OFDM 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

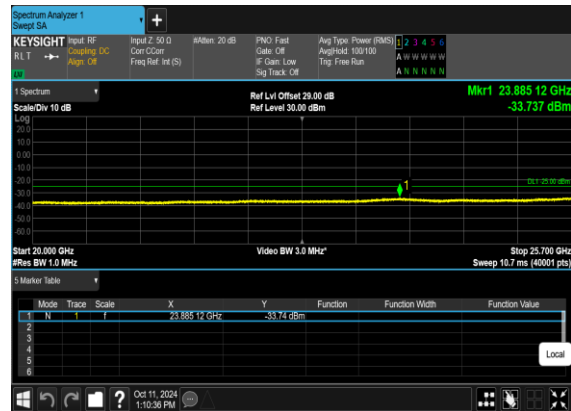
N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CHN7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CHN7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CHN7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



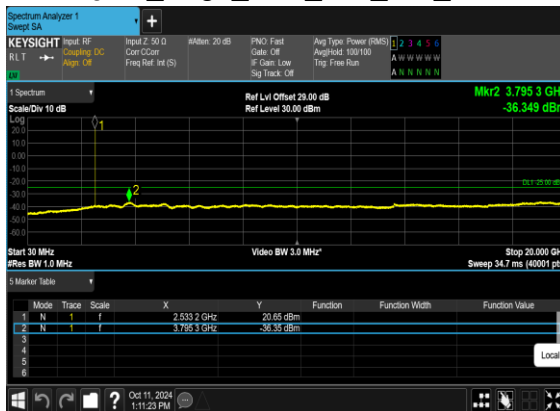
N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



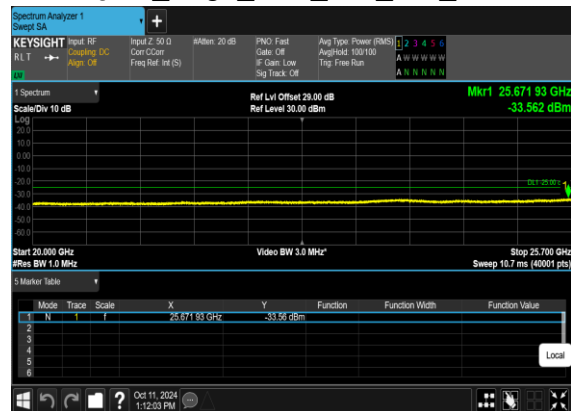
N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



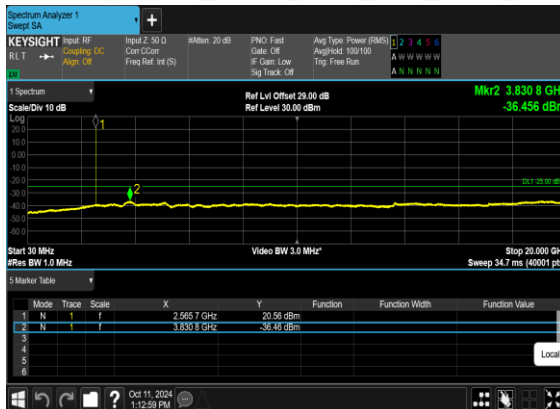
N7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



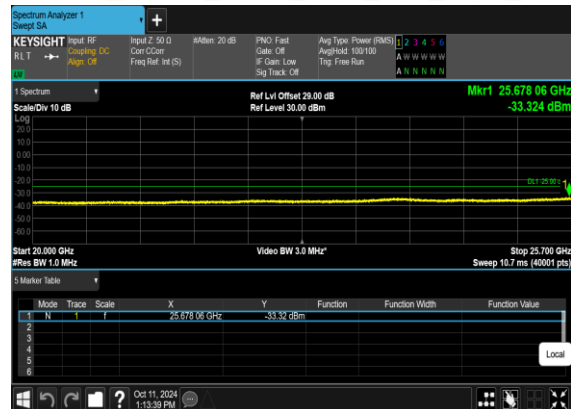
N7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

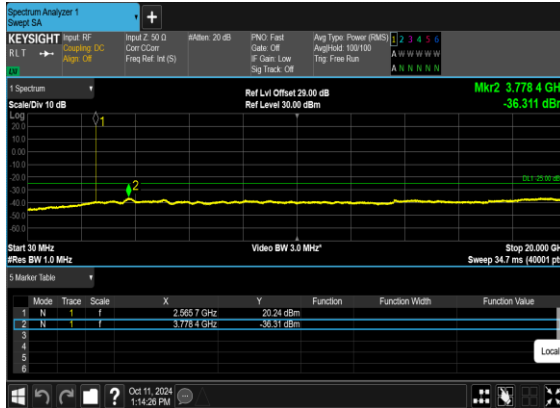


N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

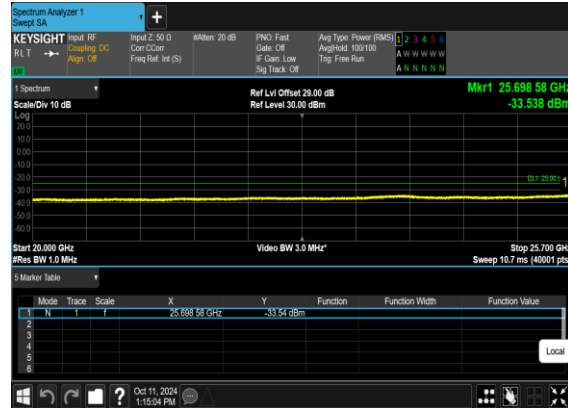




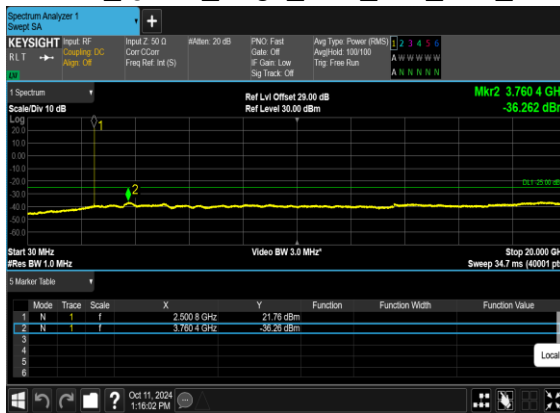
N7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



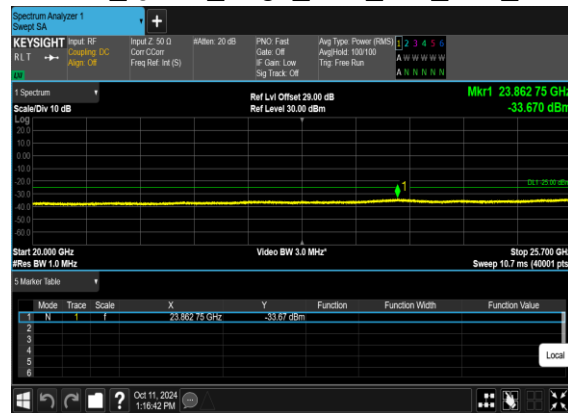
N7(5M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



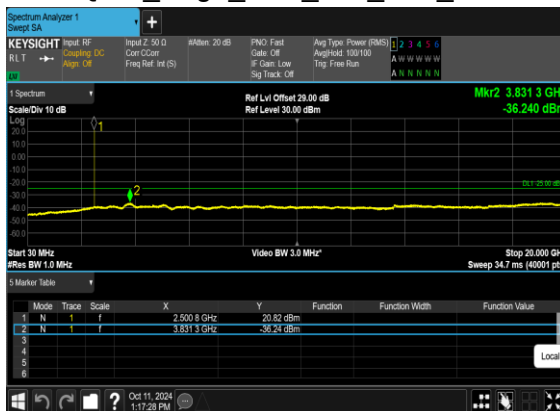
N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



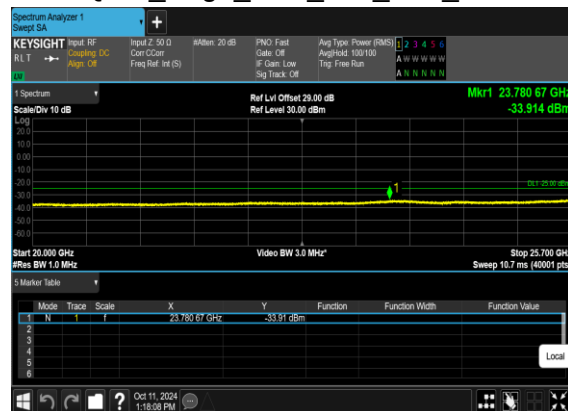
N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

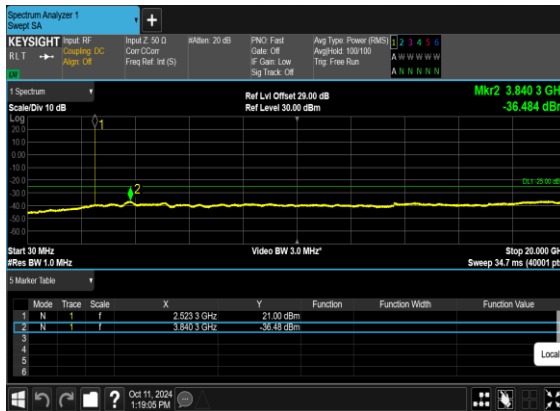


N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

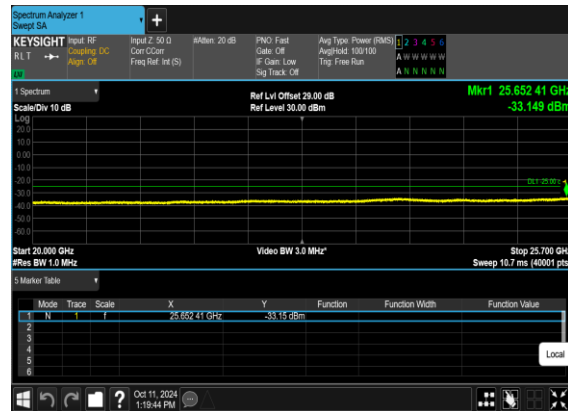




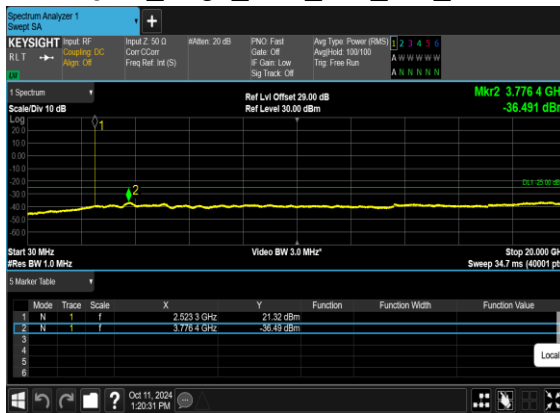
N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



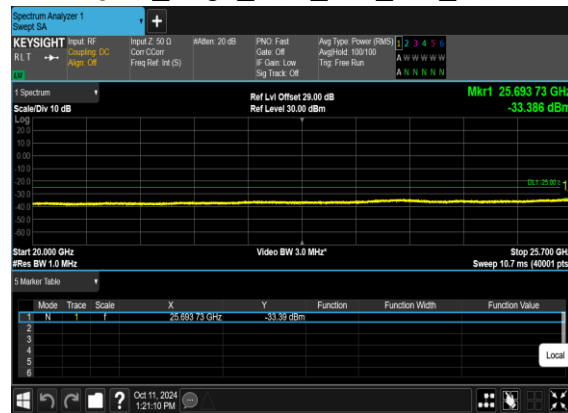
N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



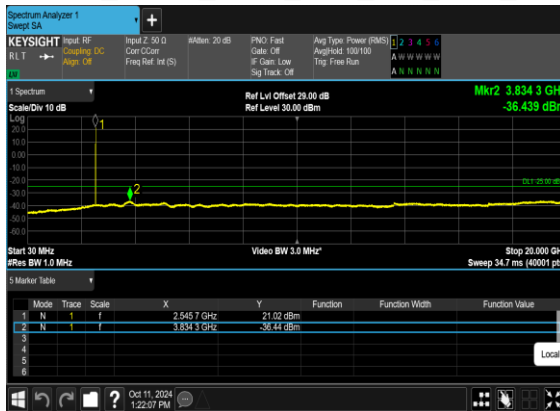
N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



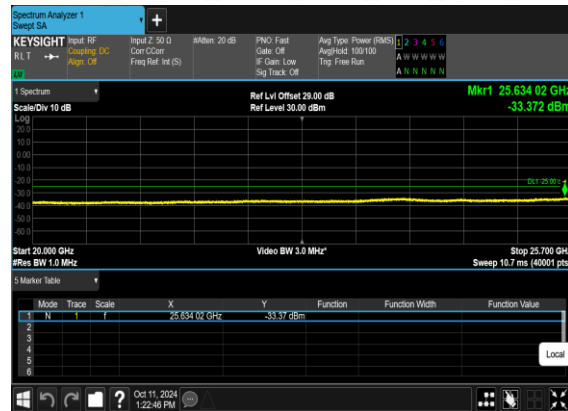
N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

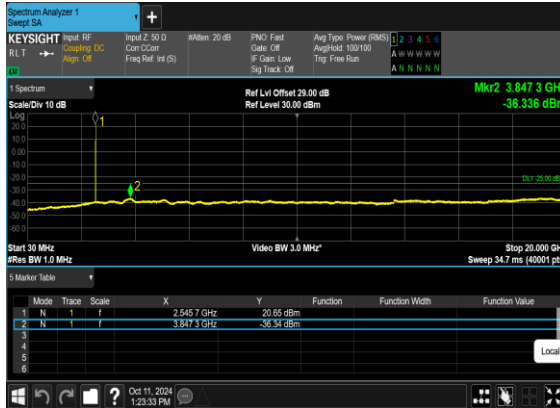


N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

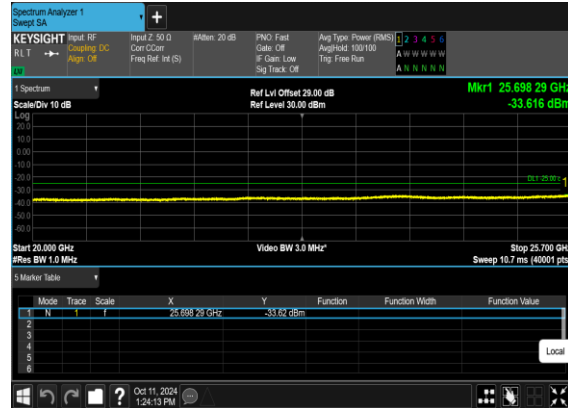




N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



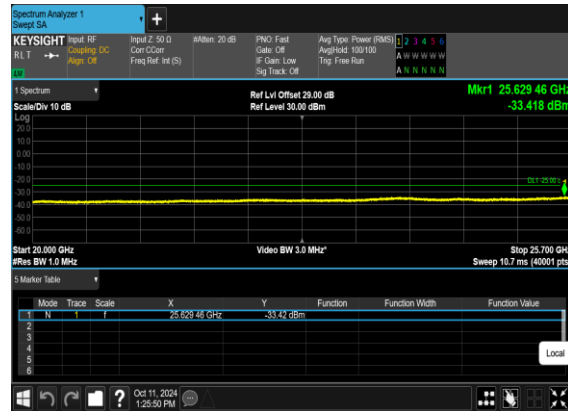
N7(25M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



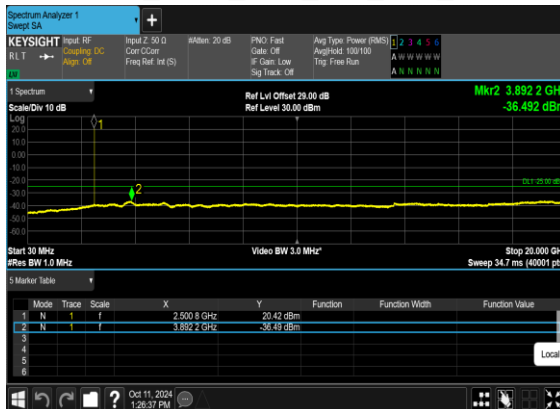
N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N7(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

