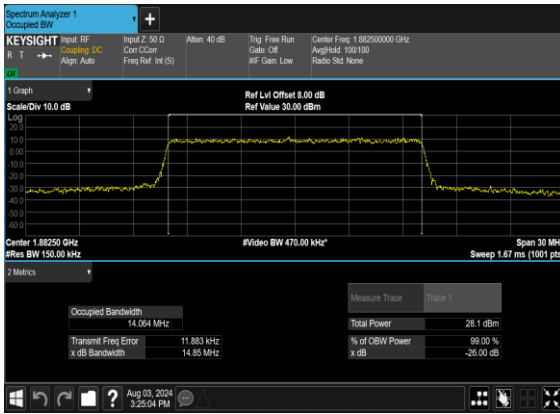
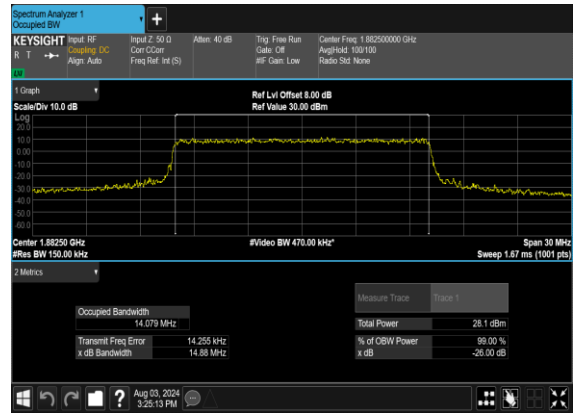




N25(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



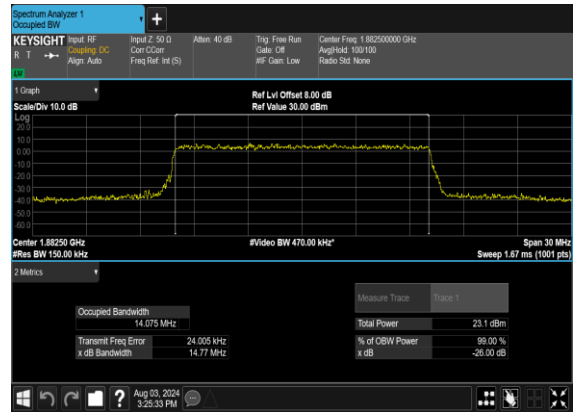
N25(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

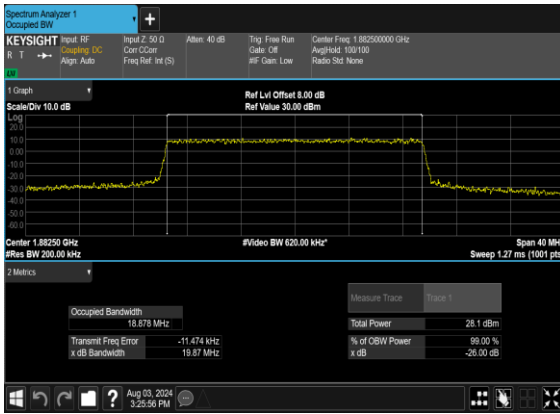


N25(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

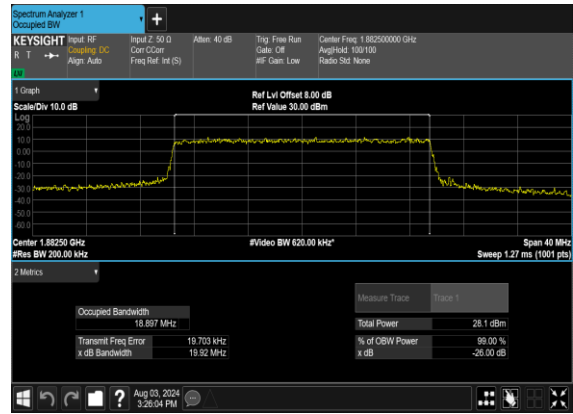




N25(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



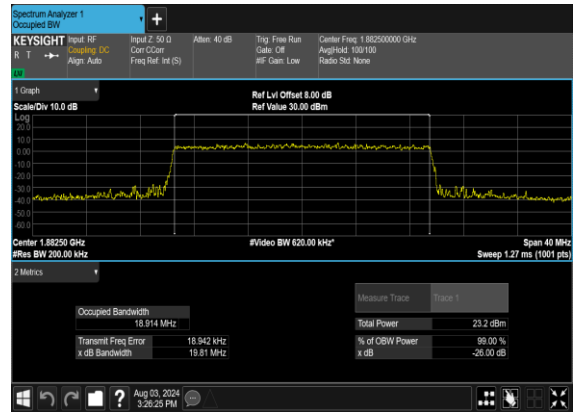
N25(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

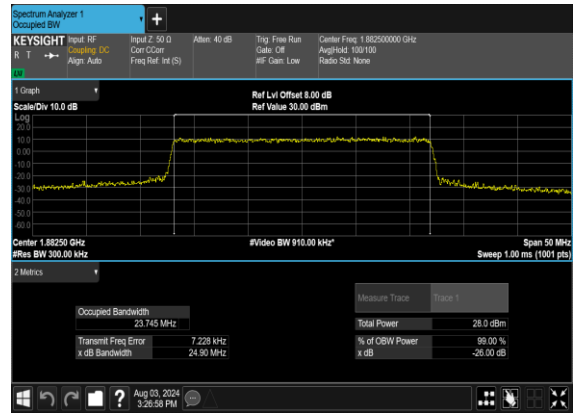




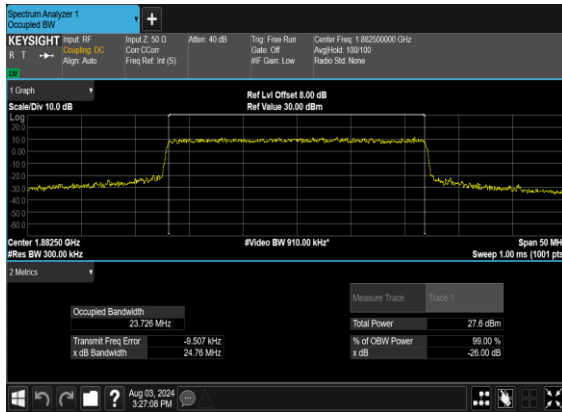
N25(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



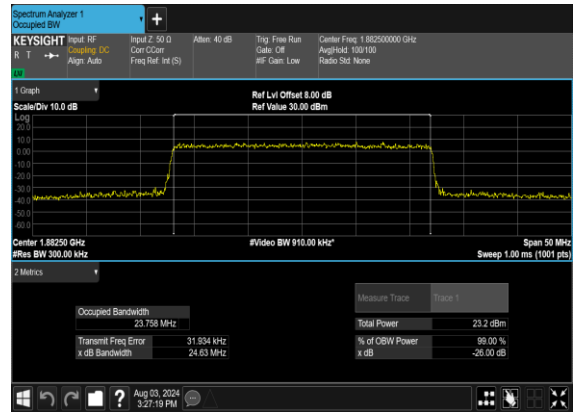
N25(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

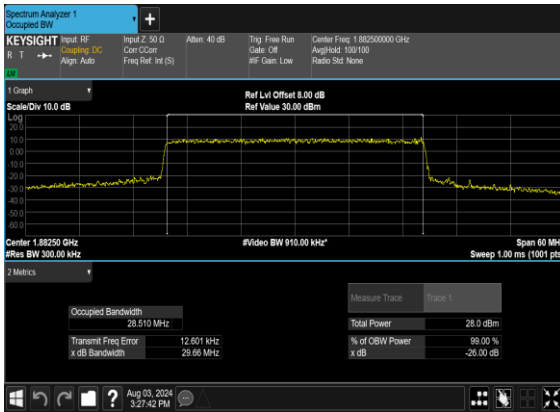


N25(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

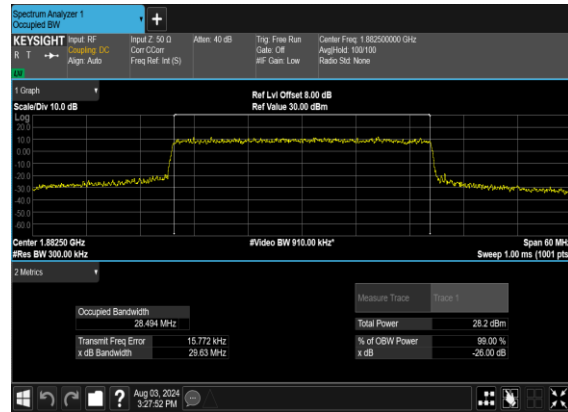




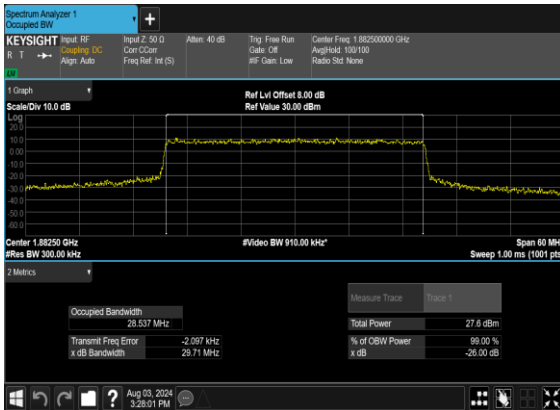
N25(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



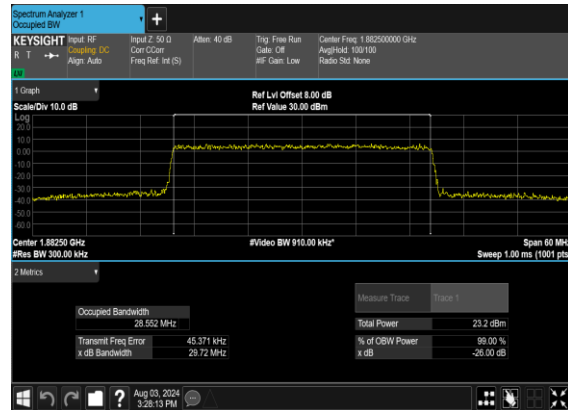
N25(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

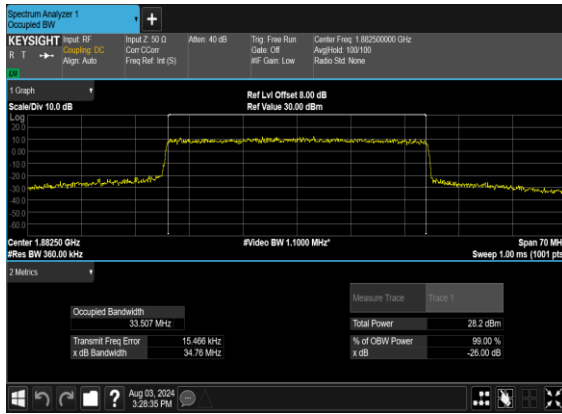


N25(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

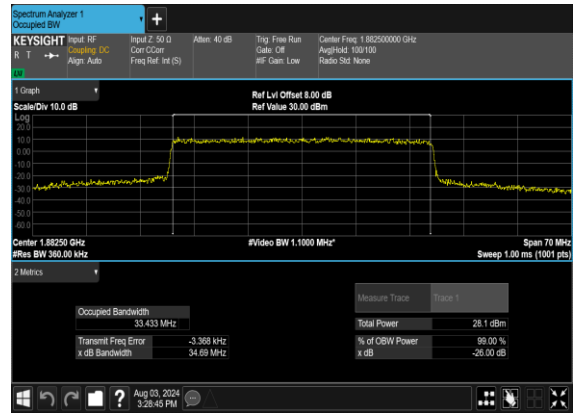




N25(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



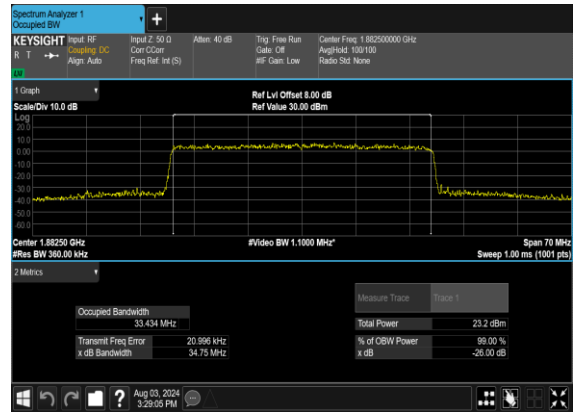
N25(35M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(35M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

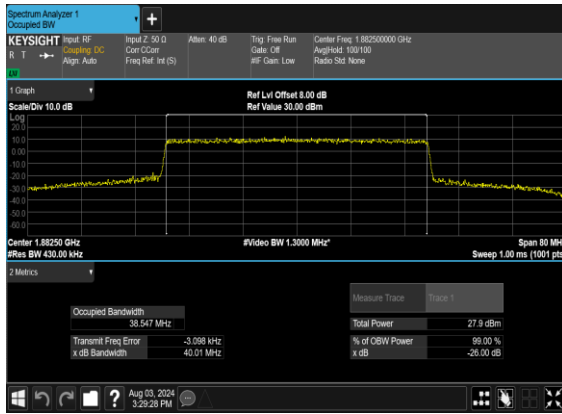


N25(35M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

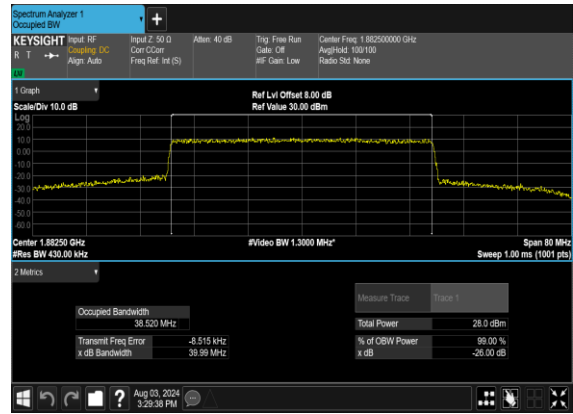




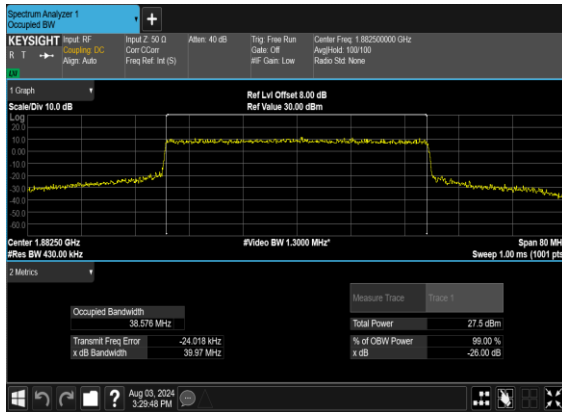
N25(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



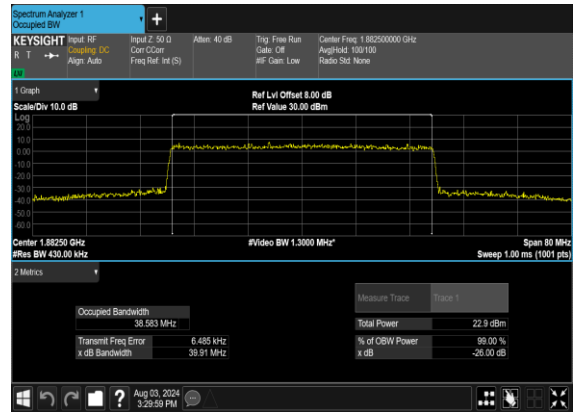
N25(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



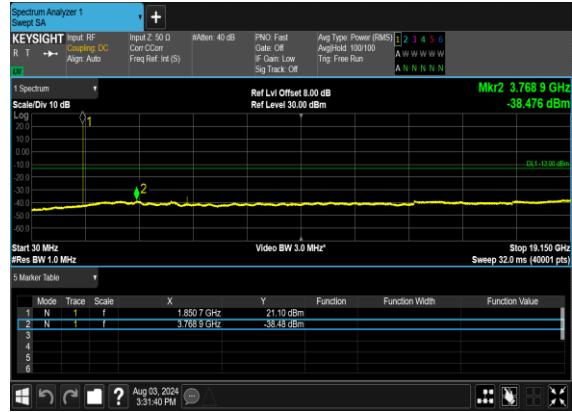
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



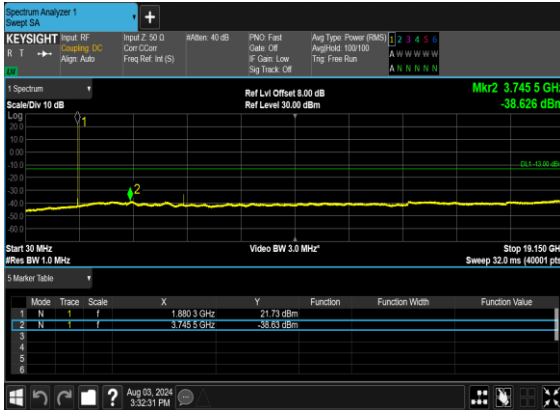
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



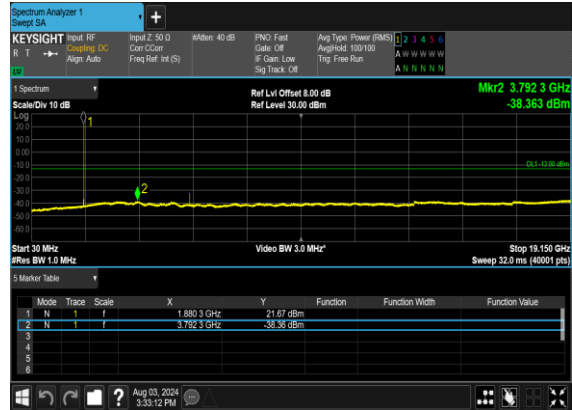
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

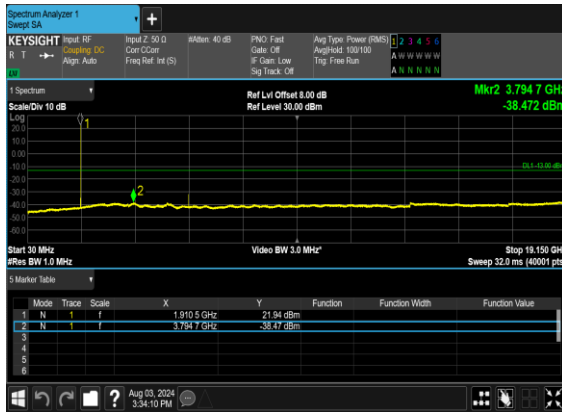


N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

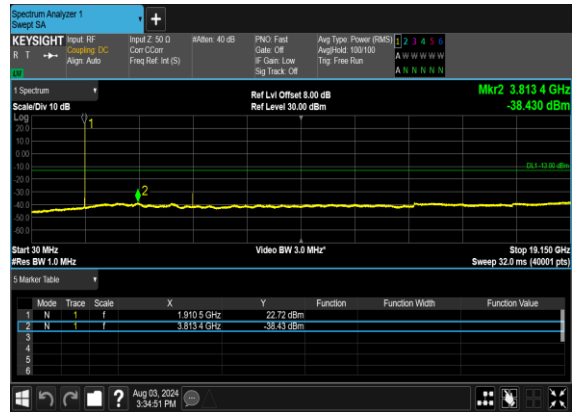




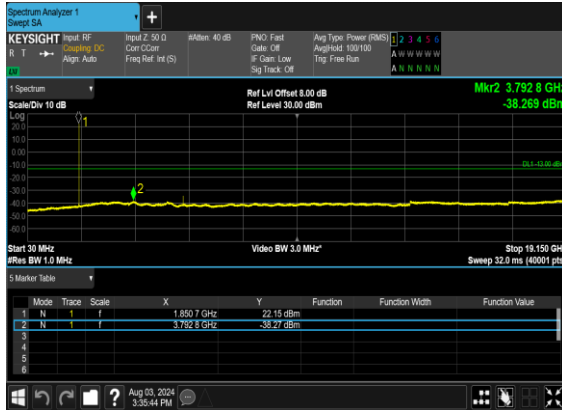
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



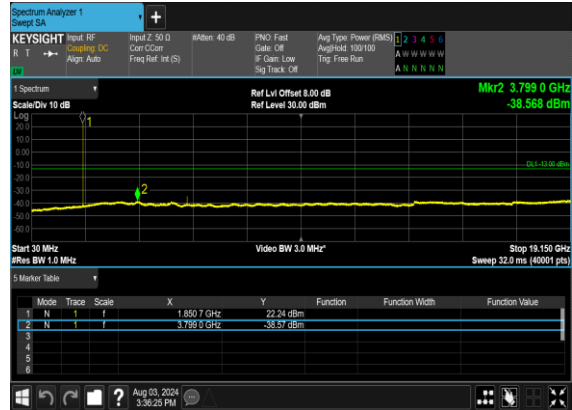
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

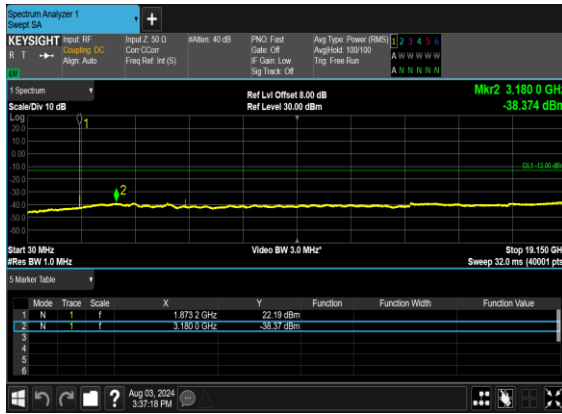


N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

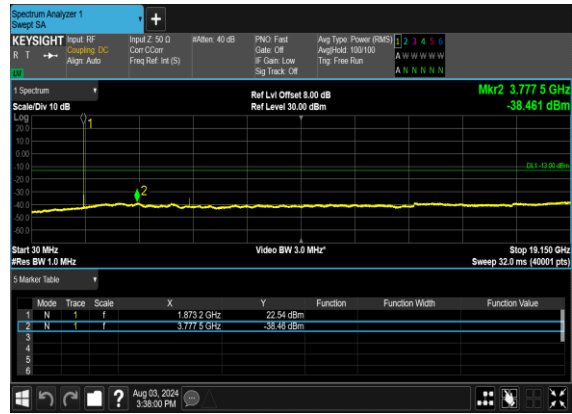




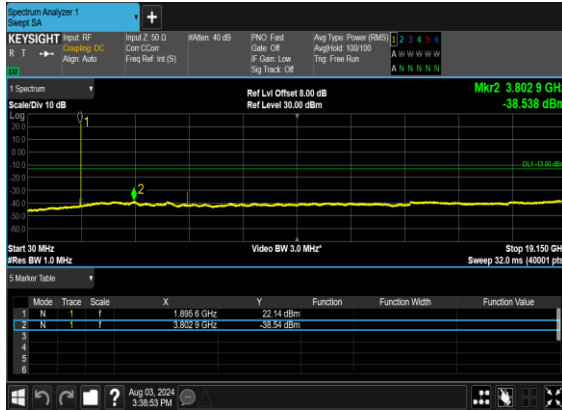
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



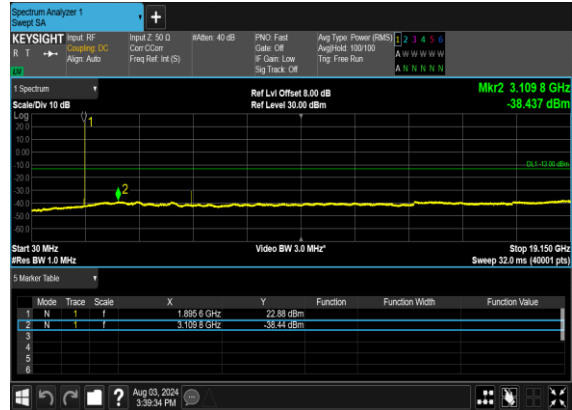
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

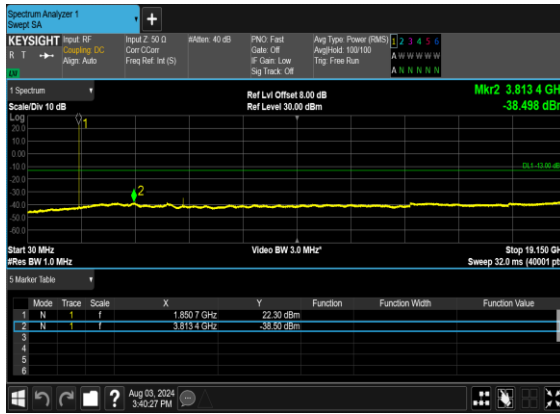


N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

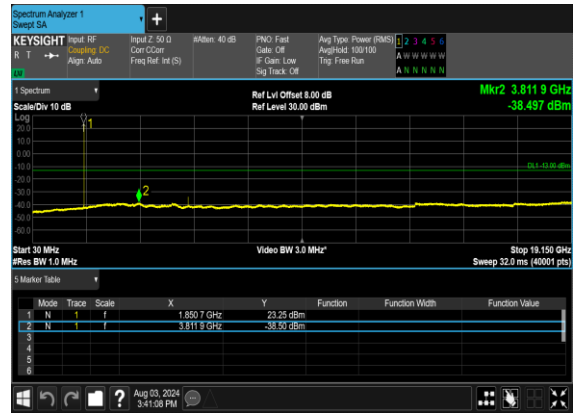




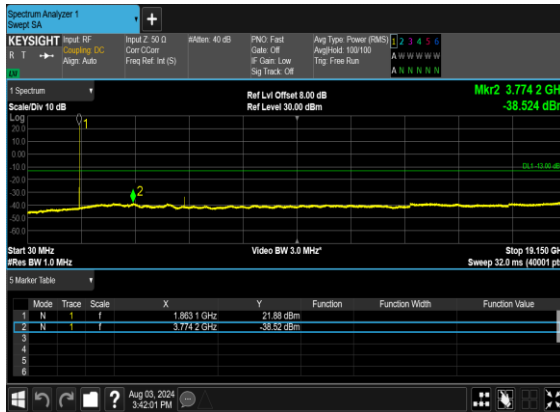
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



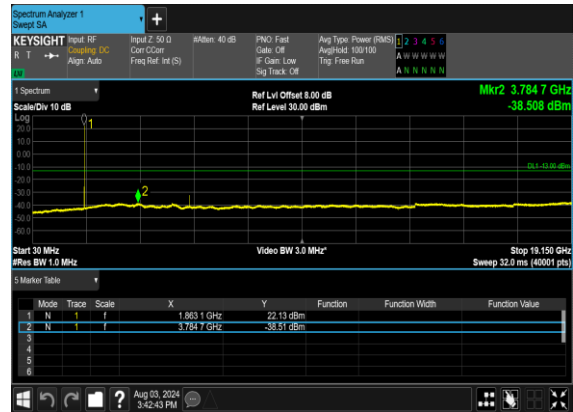
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

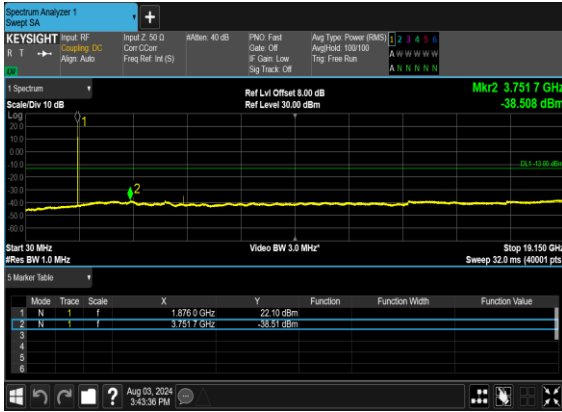


N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

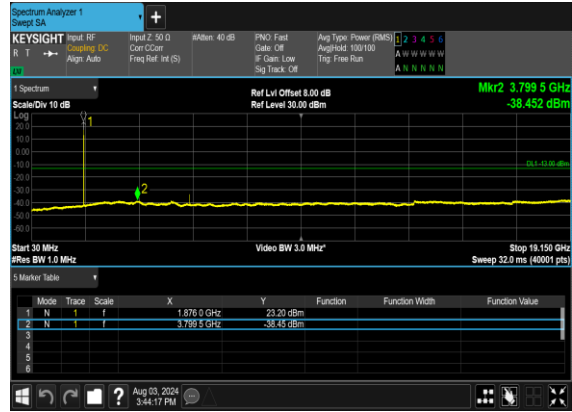




N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





Conducted Band Edge

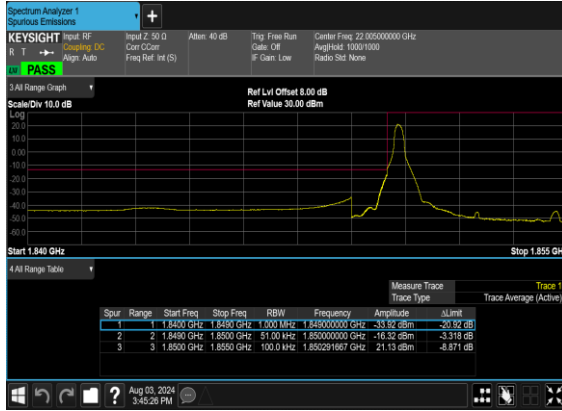
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	216@0	see graph	PASS



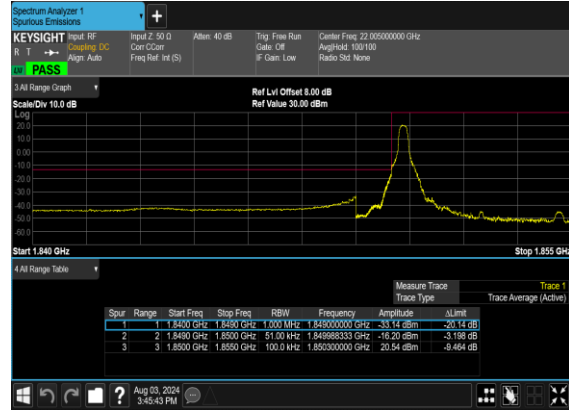
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	216@0	see graph	PASS



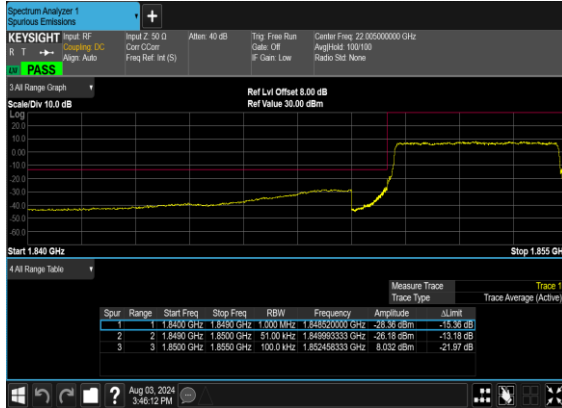
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



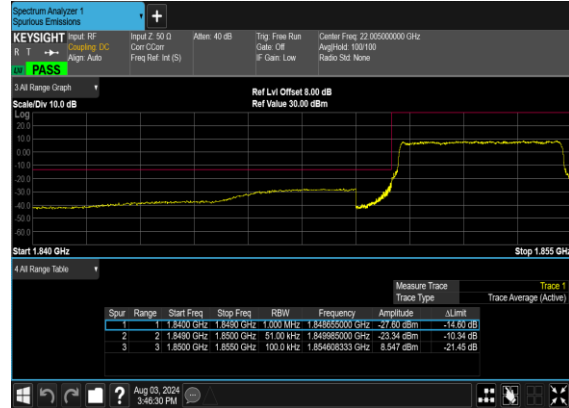
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

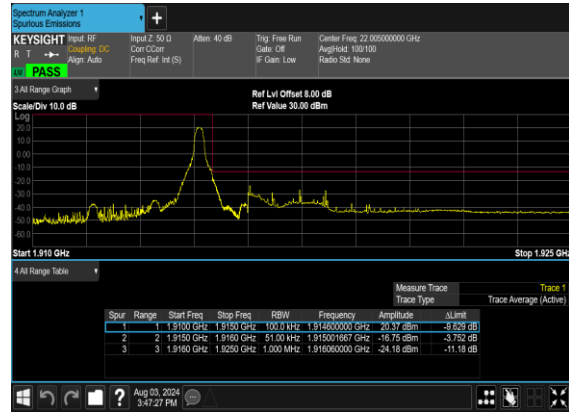




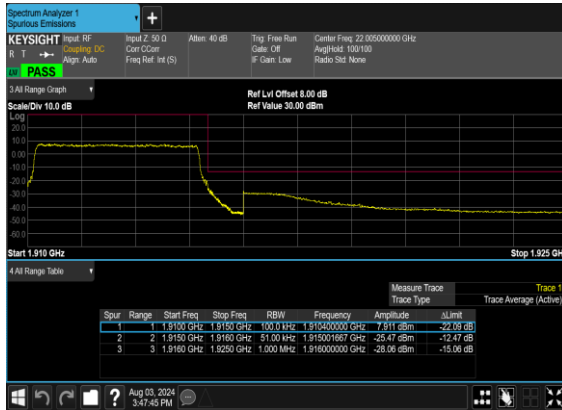
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



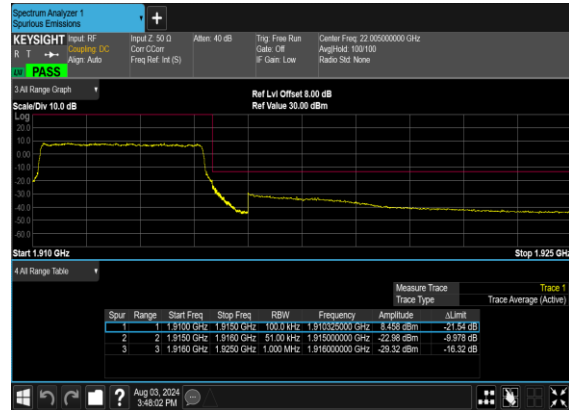
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

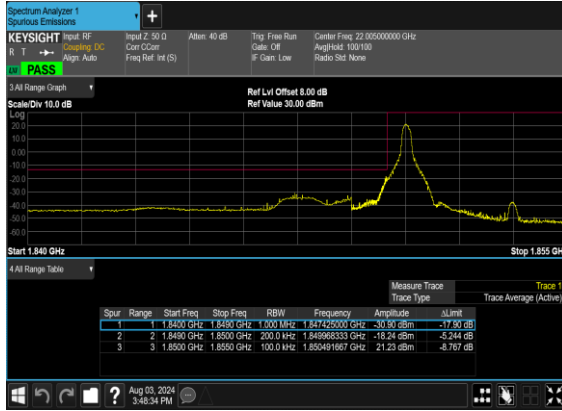


N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

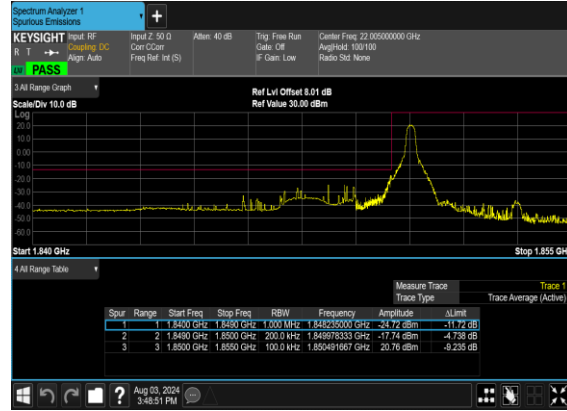




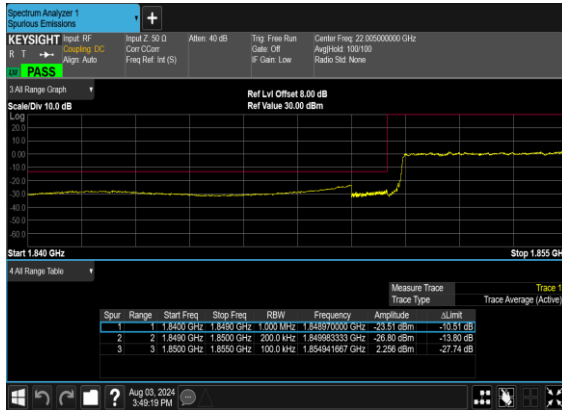
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



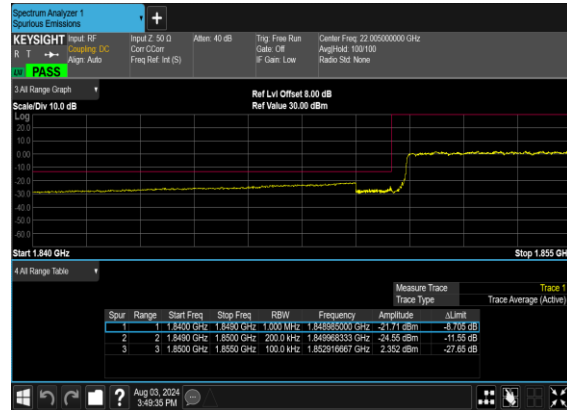
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

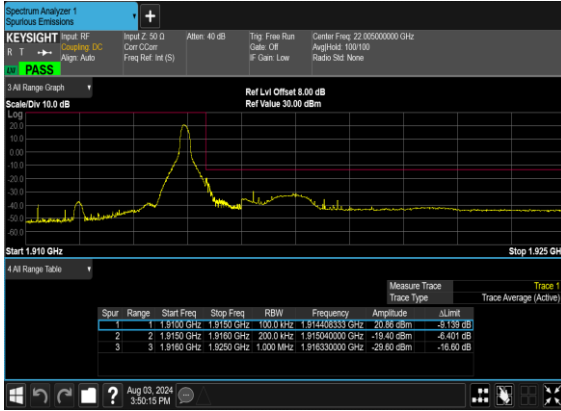


N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

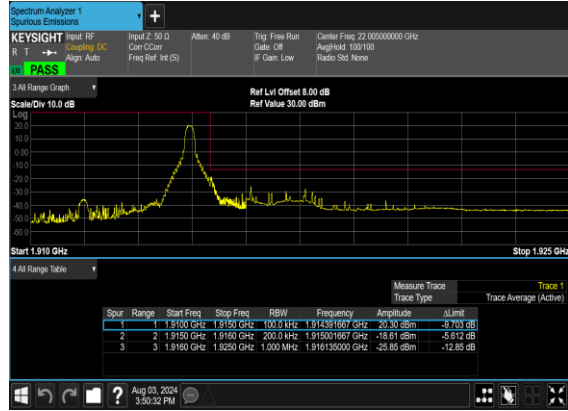




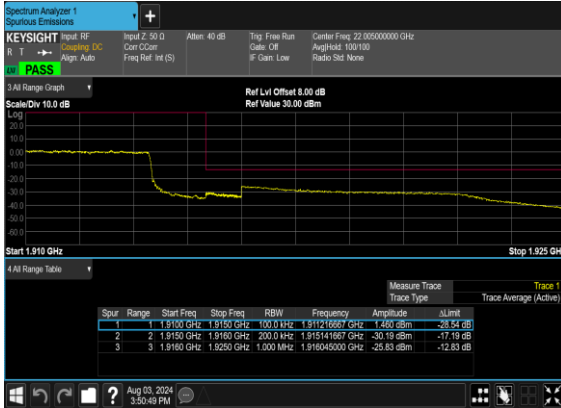
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

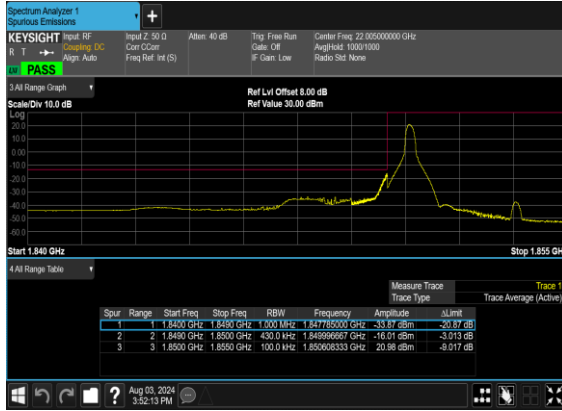


N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

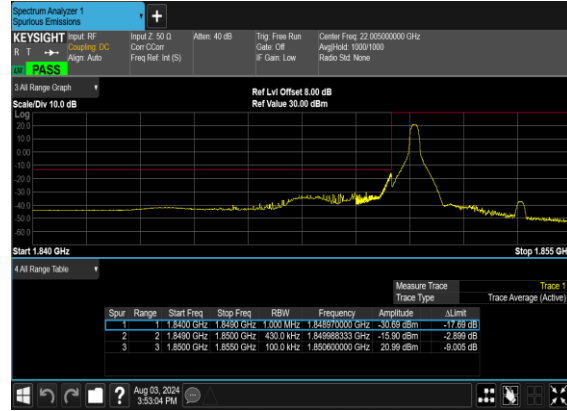




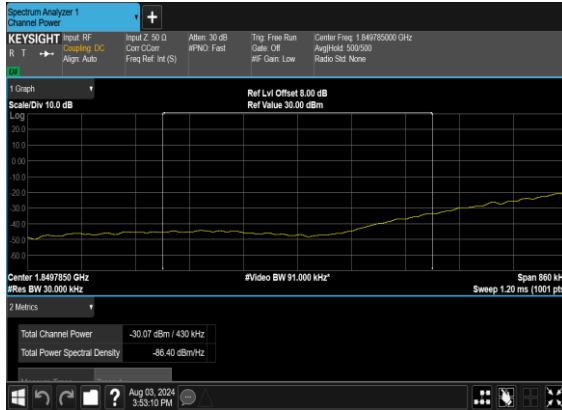
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



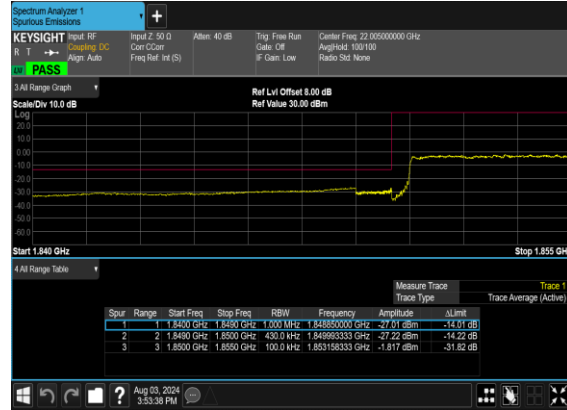
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PA SS

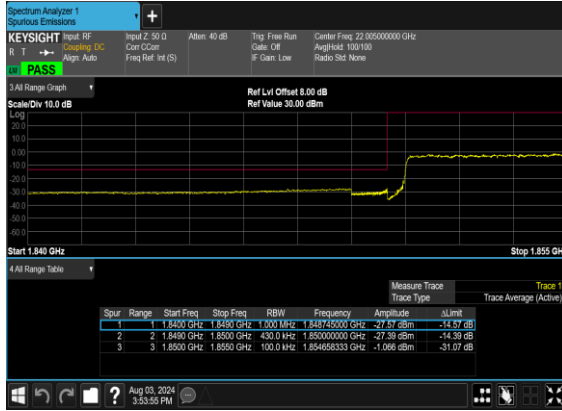


N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

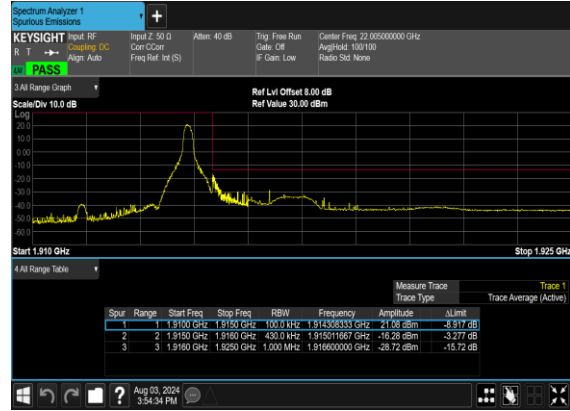




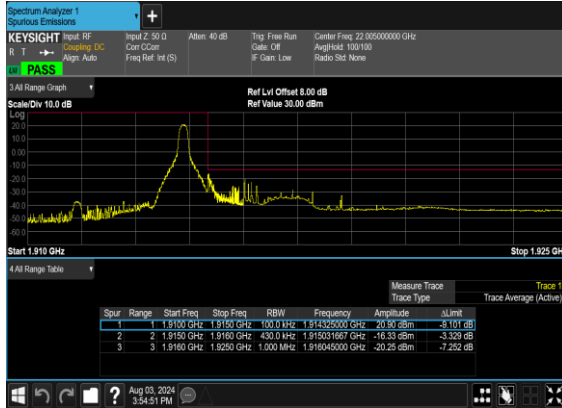
N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH





N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N25-SCS 15k(Other PA)

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0039	PASS	NV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0032	PASS	LV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0022	PASS	HV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0038	PASS	-30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0069	PASS	-20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0037	PASS	-10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0036	PASS	0°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0034	PASS	10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0039	PASS	20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0061	PASS	30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0062	PASS	40°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0040	PASS	50°C

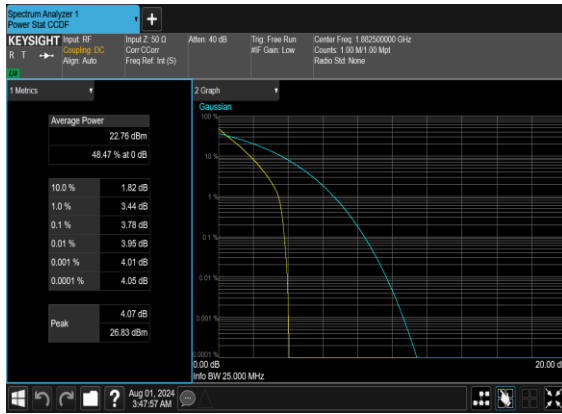


Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
25	15	20	376500	1882.5	DFT-s-OFDM PI/2 BPSK	100@0	3.78	13	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	5.23	13	PASS



N25(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N25(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





Occupied Bandwidth

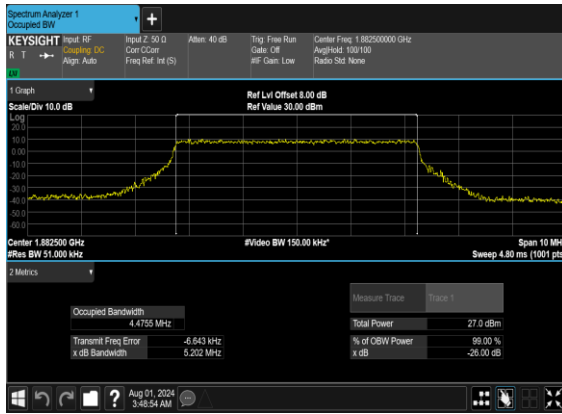
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
25	15	5	376500	1882.5	CP-OFDM QPSK	25@0	4.4755	5.202
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.4742	5.016
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.484	5.061
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.4843	5.154
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.2598	10.03
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.2707	9.955
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.2692	10.01
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.27	9.938
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.119	14.81
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.123	14.99
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.096	14.96
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.123	15.06
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.893	19.92
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.945	19.86
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.901	20.0
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	19.005	19.92
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.727	24.76
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.763	24.98
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.747	24.79
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.805	24.74
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.544	29.54
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.53	29.62



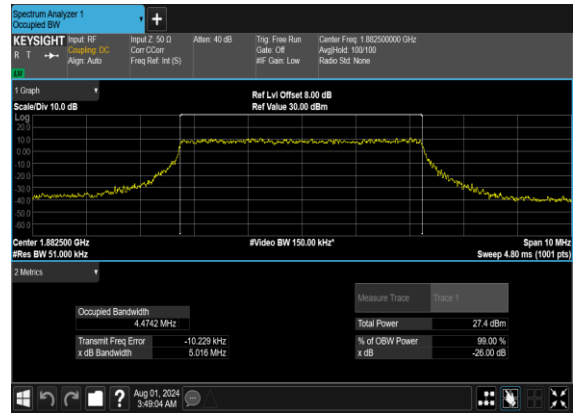
25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.463	29.62
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.527	29.63
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.506	34.87
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.568	34.92
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.557	34.77
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.588	34.85
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.485	39.81
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.477	39.95
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.473	39.92
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.554	39.88



N25(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





N25(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

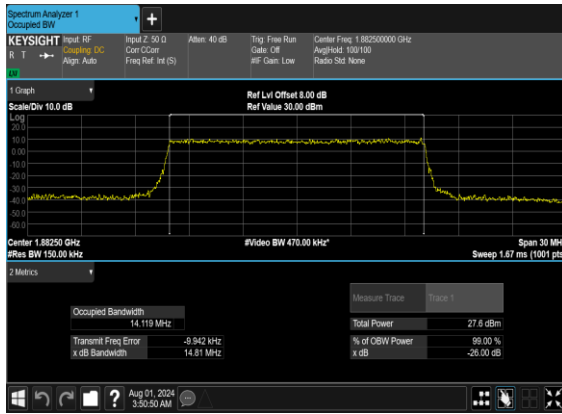


N25(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH





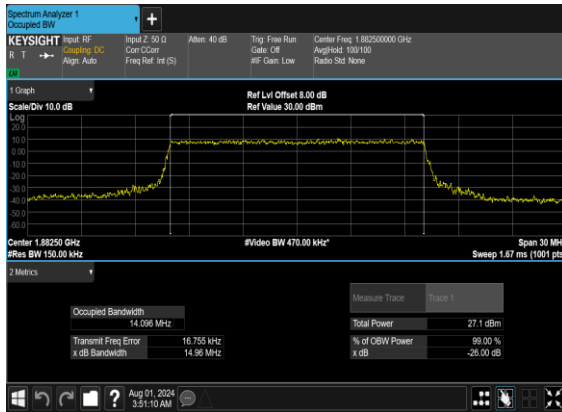
N25(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



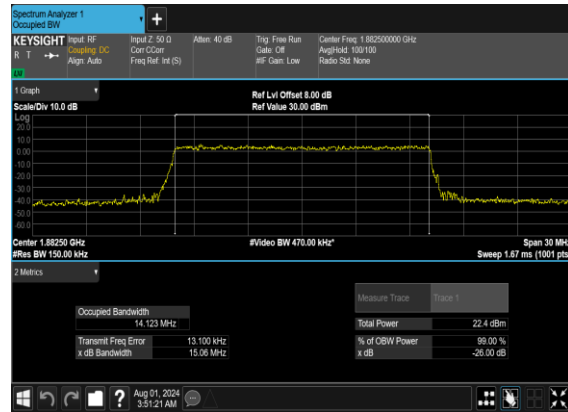
N25(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

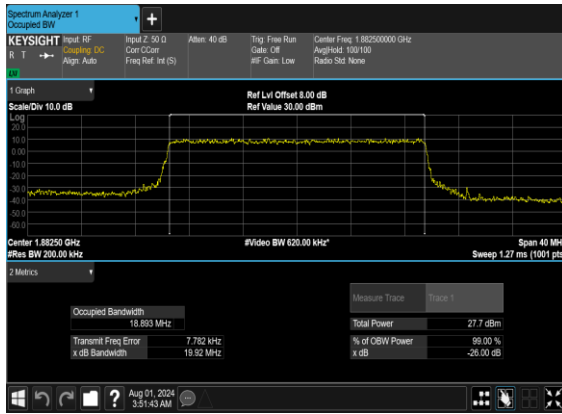


N25(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

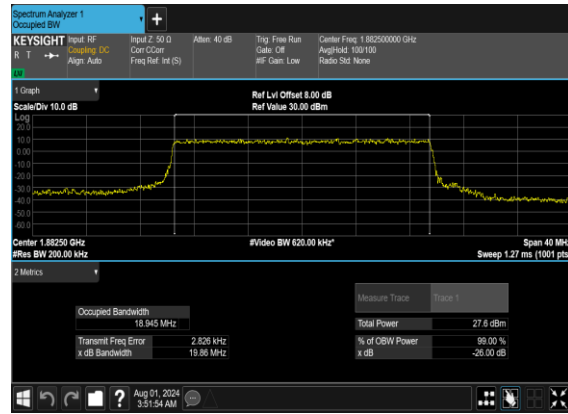




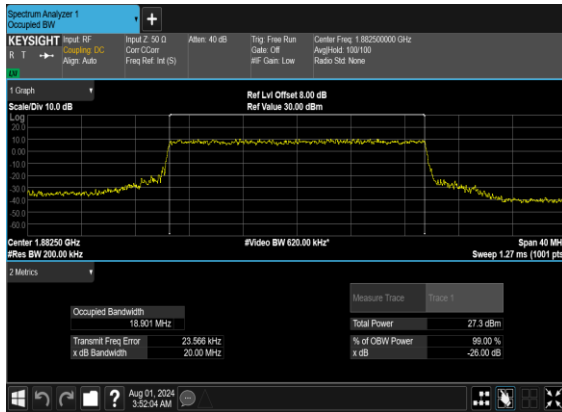
N25(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



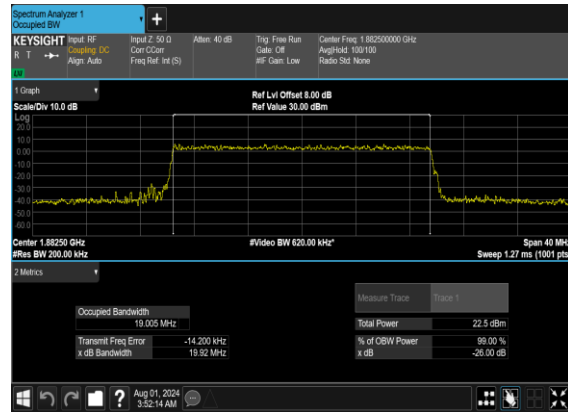
N25(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

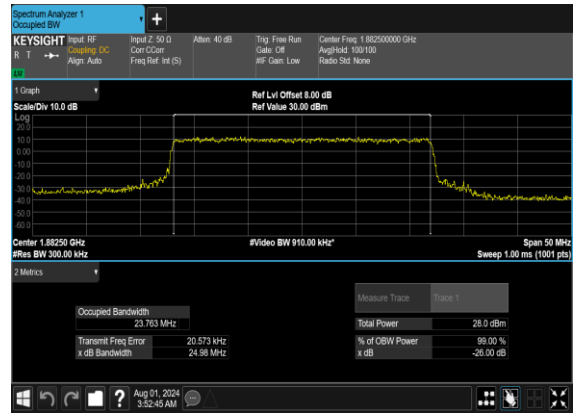




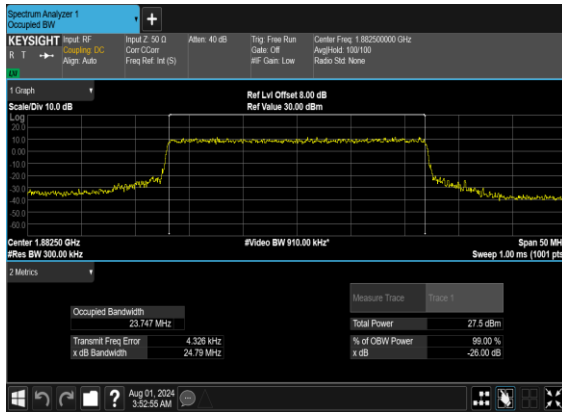
N25(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



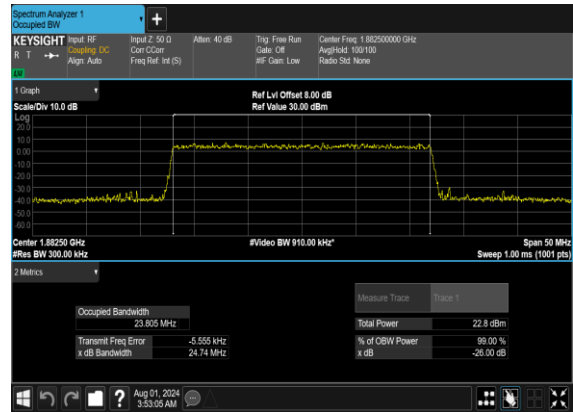
N25(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

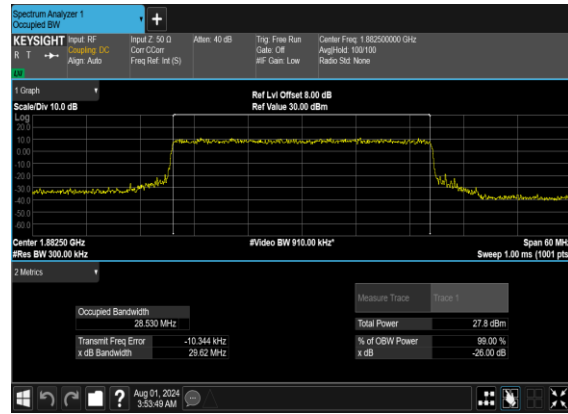




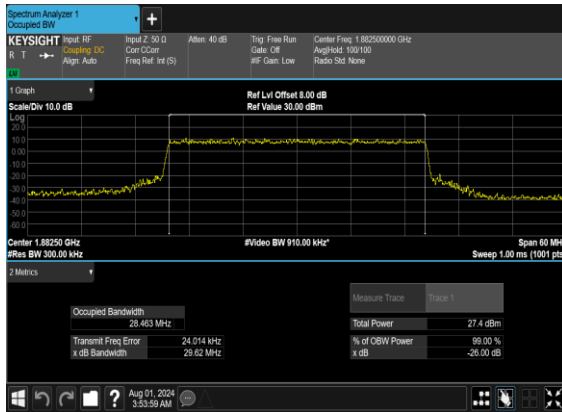
N25(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



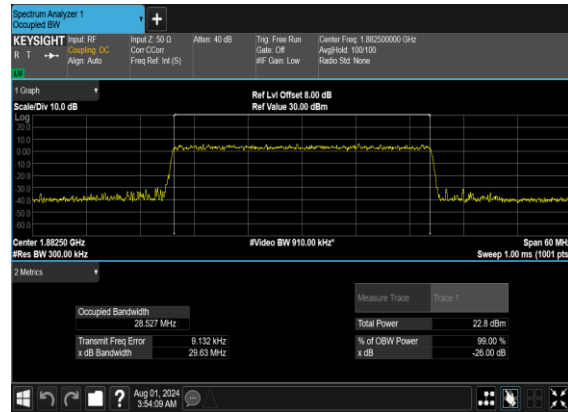
N25(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

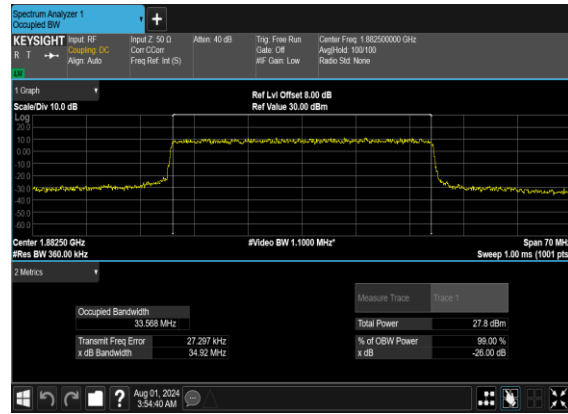




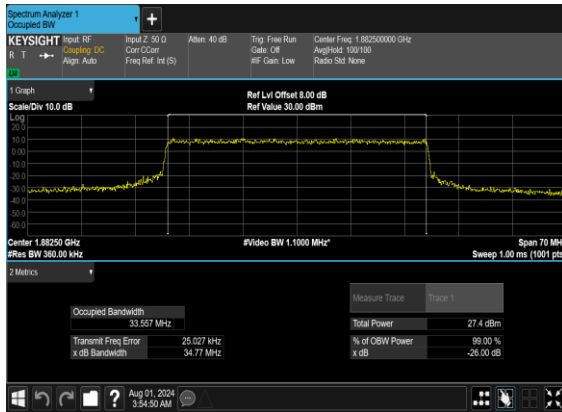
N25(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N25(35M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N25(35M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N25(35M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

