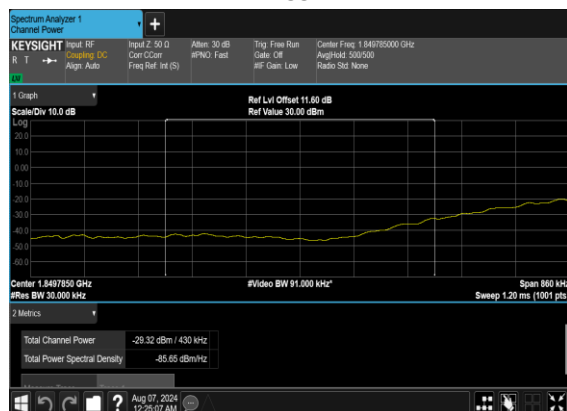
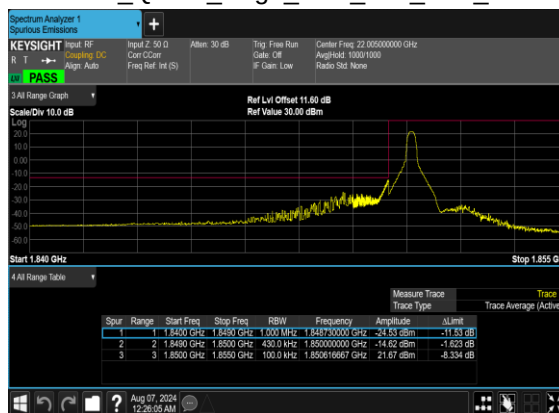




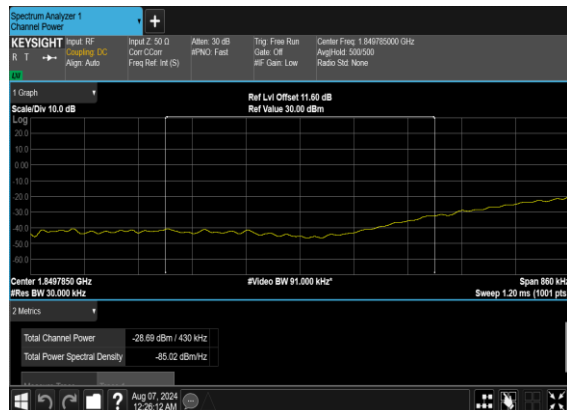
N25(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_chp_P
ASS



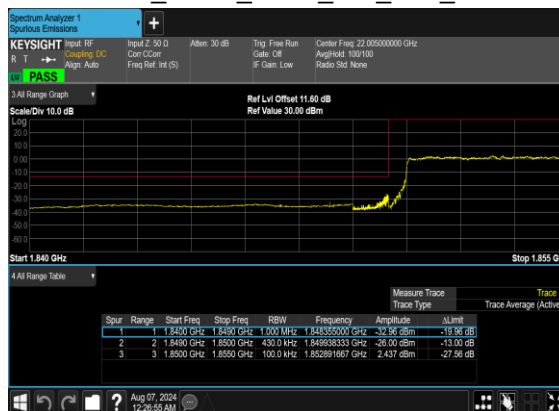
N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_chp_P
ASS

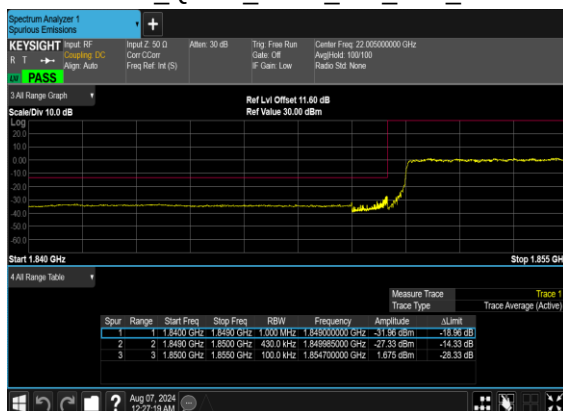


N25(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

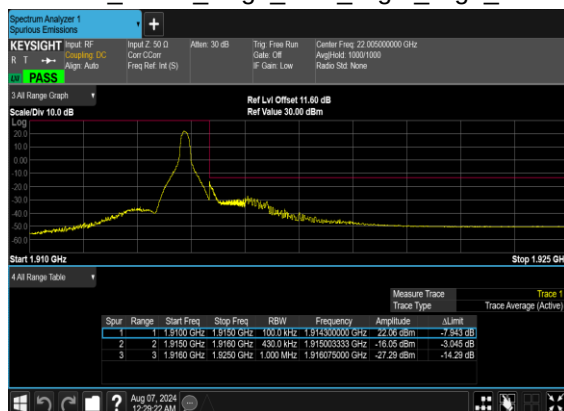




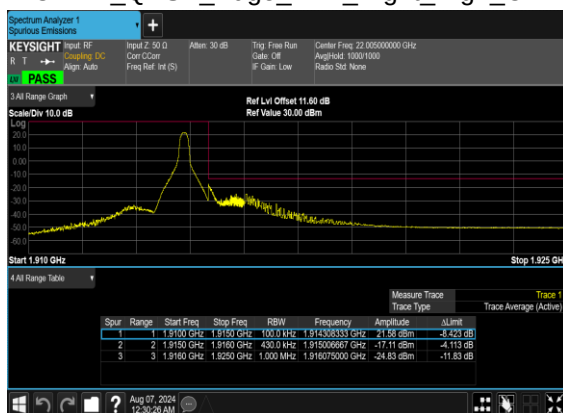
N25(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



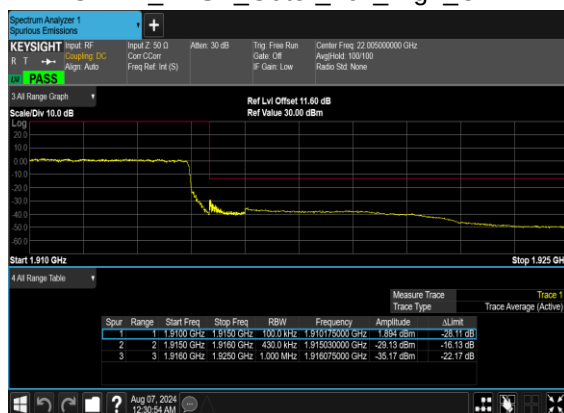
N25(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

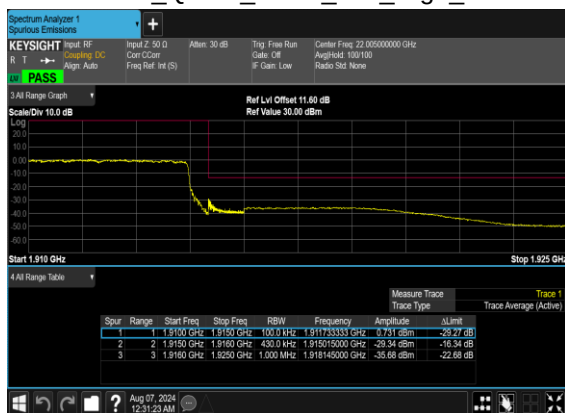


N25(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH





N25(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N25 TXD-ANT(1+8)_ANT8

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	0.0069	PASS	NV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0024	PASS	LV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0020	PASS	HV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0035	PASS	-30℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0054	PASS	-20℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0056	PASS	-10℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0028	PASS	0℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0041	PASS	10℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0069	PASS	20℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0020	PASS	30℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0036	PASS	40℃
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	0.0042	PASS	50℃



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	4.26	13	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	4.65	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**

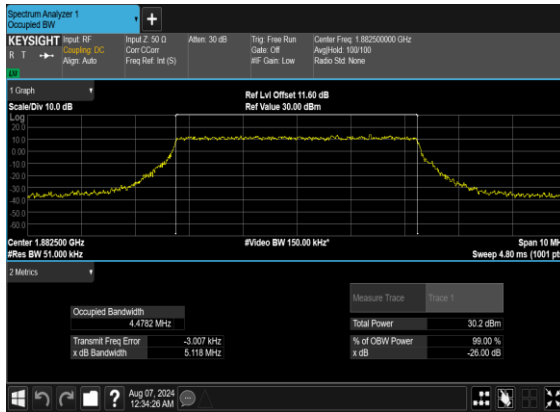
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
25	15	5	376500	1882.5	CP-OFDM QPSK	25@0	4.4782	5.118
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.4725	5.157
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.4674	5.134
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.475	4.979
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.2812	10.11
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.2911	9.93
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.2744	9.915
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.3138	10.16
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.066	14.78
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.108	14.97
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.105	14.87
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.081	14.85
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.916	19.83
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.902	19.93
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.918	20.02
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	18.928	19.58
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.739	24.83
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.8	24.79
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.801	24.84
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.787	24.81
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.571	29.75
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.496	29.72



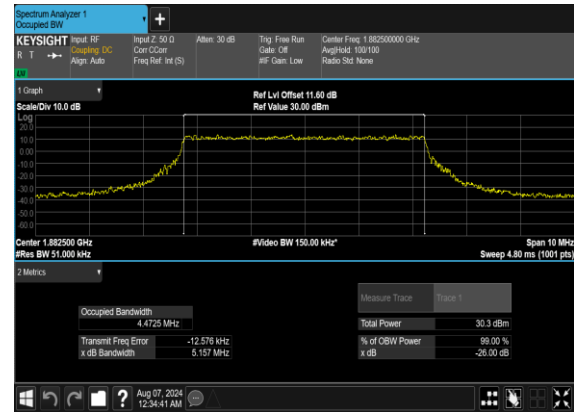
25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.471	29.66
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.576	29.64
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.586	34.71
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.445	34.79
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.583	34.77
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.559	34.74
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.555	39.86
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.628	39.88
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.493	39.95
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.539	39.87



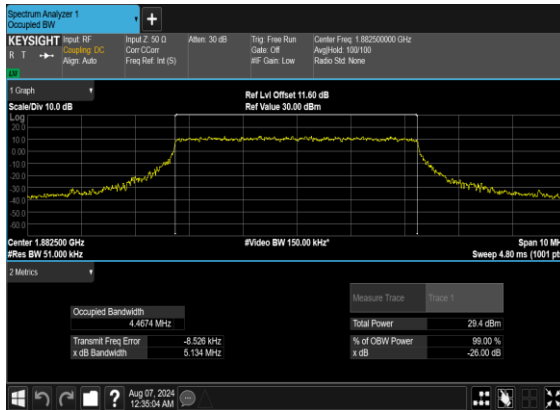
N25(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



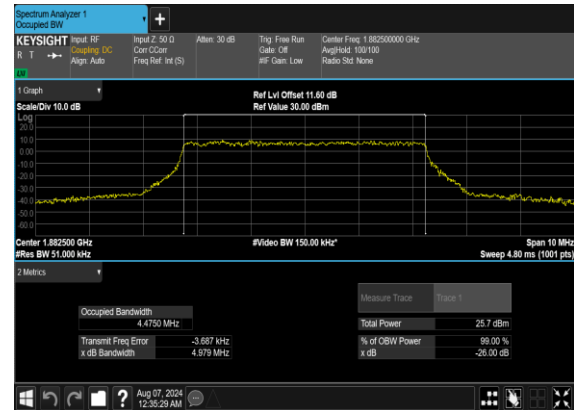
N25(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

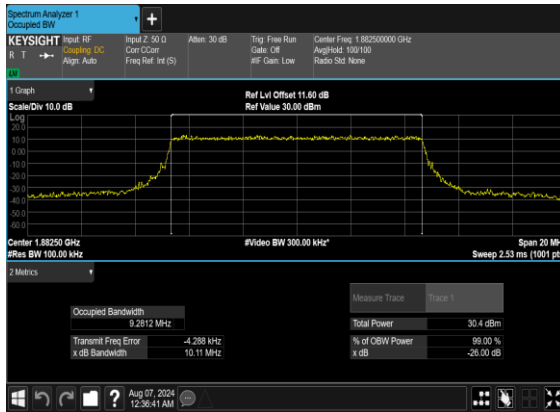


N25(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

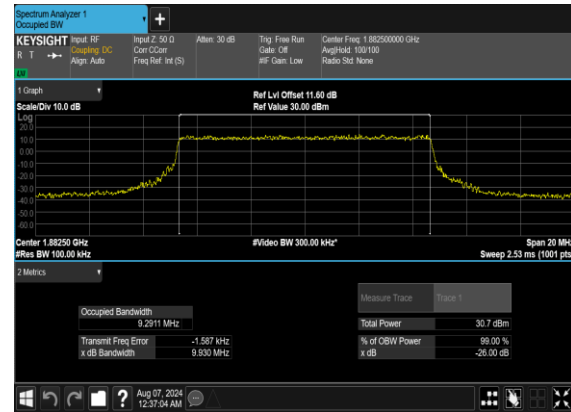




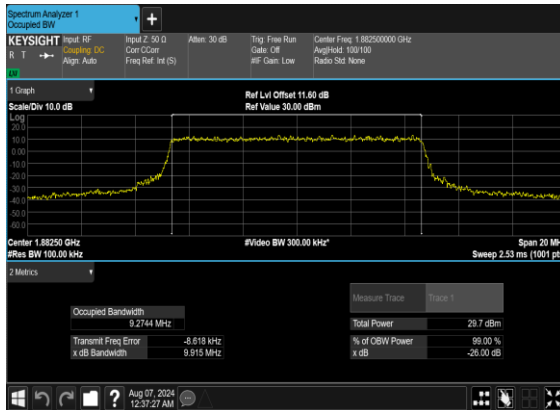
N25(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



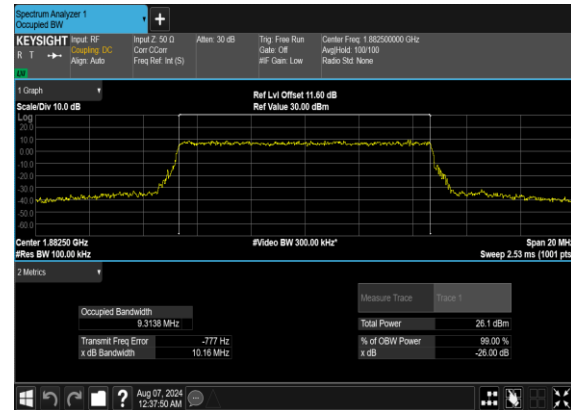
N25(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

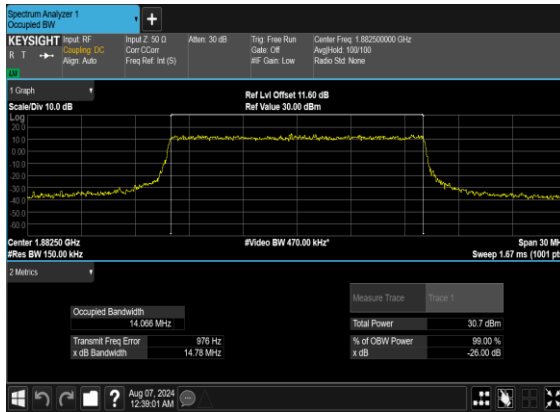


N25(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

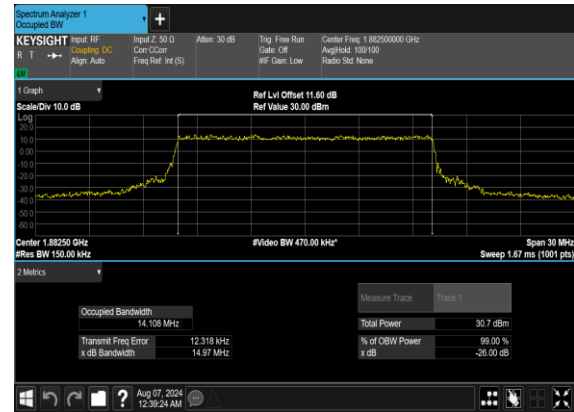




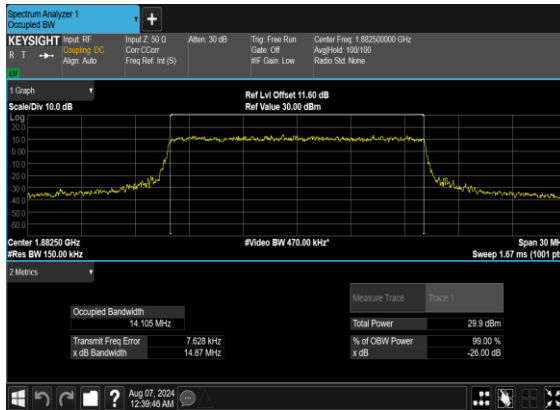
N25(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



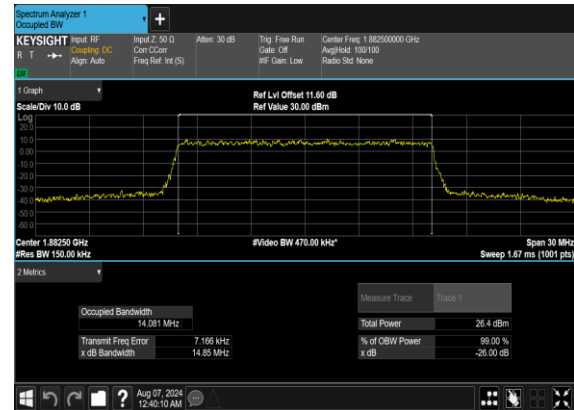
N25(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

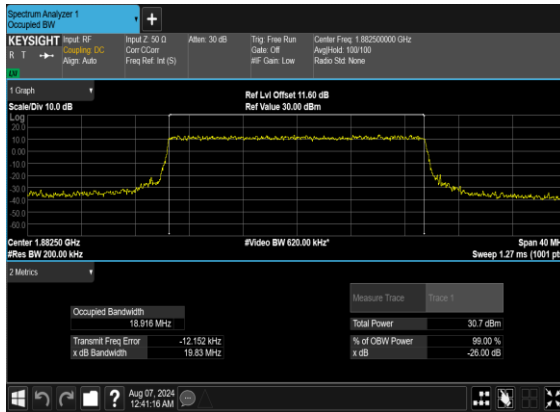


N25(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

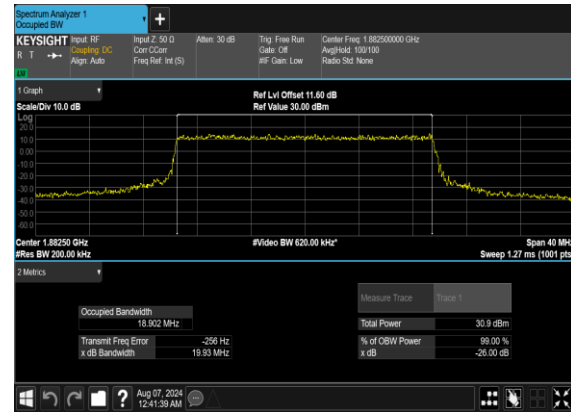




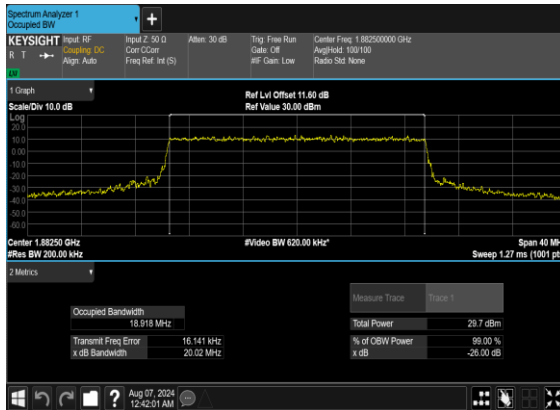
N25(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



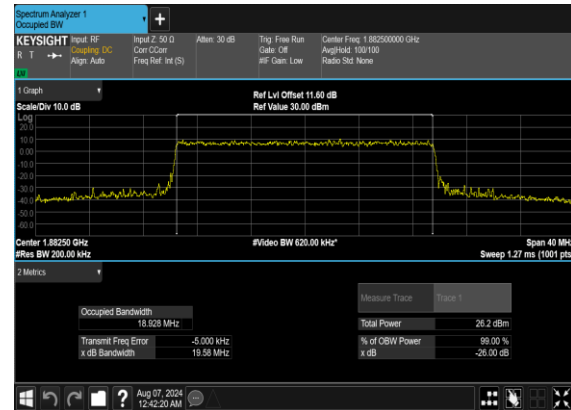
N25(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

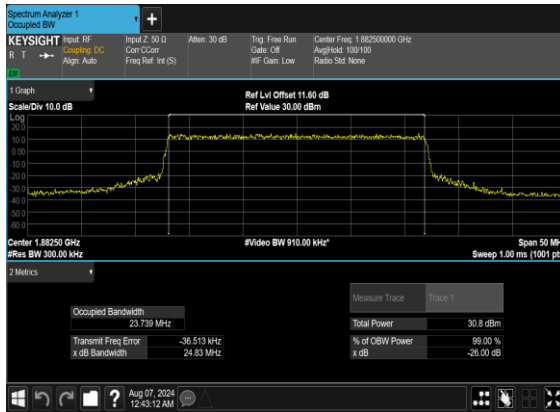


N25(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

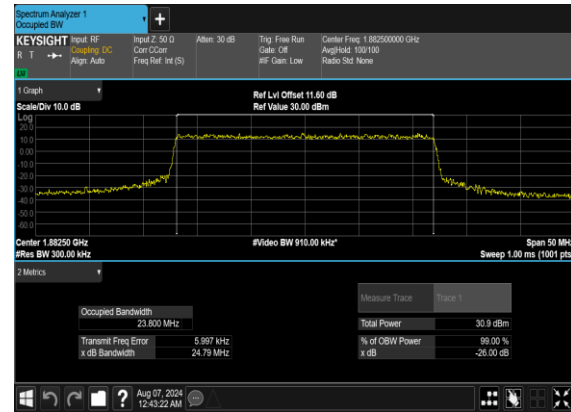




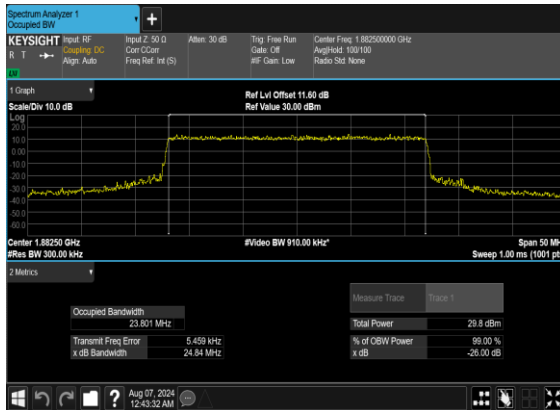
N25(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



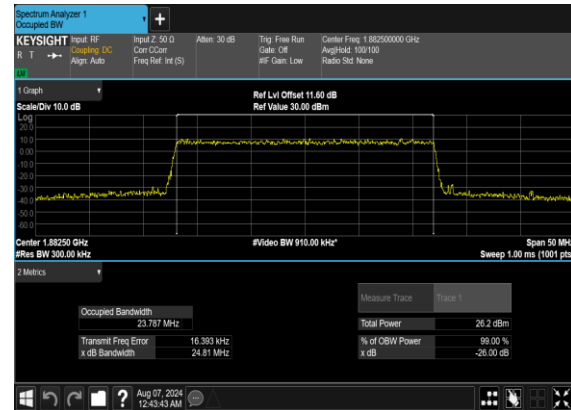
N25(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

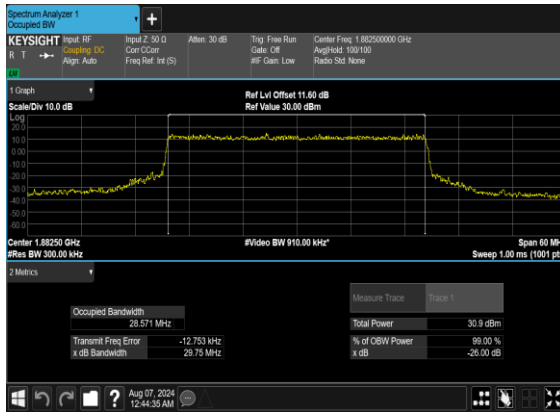


N25(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

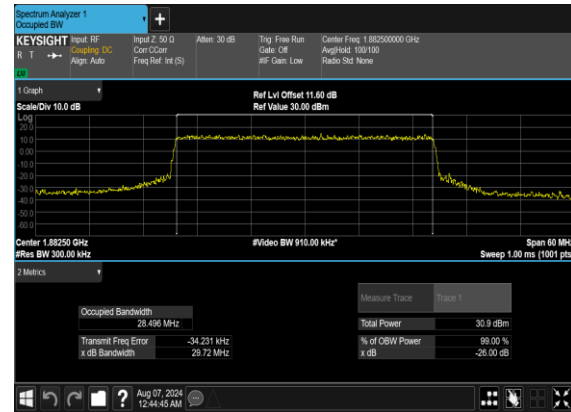




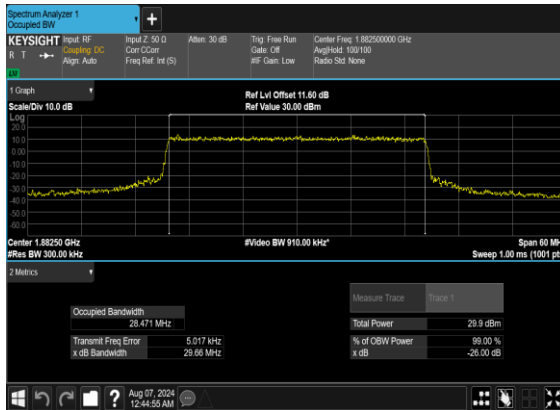
N25(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



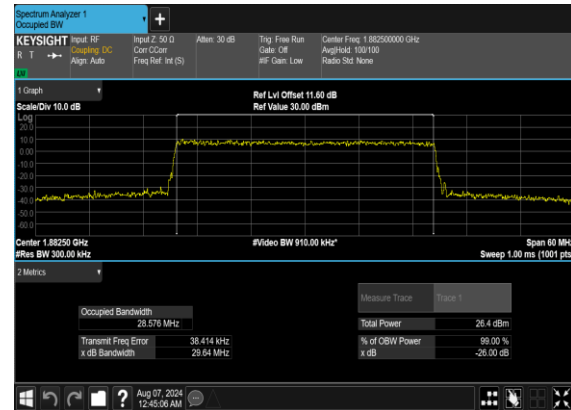
N25(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

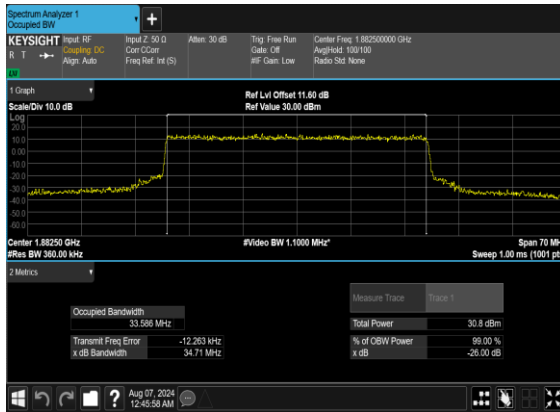


N25(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

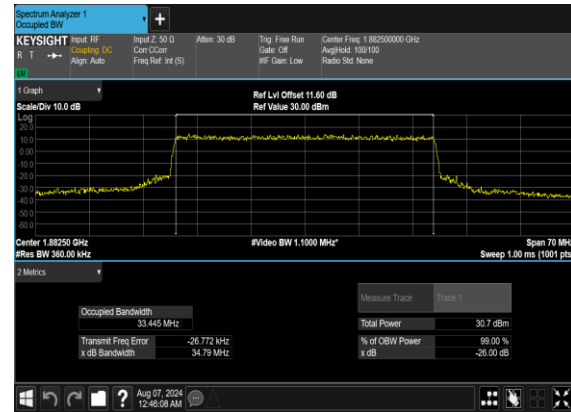




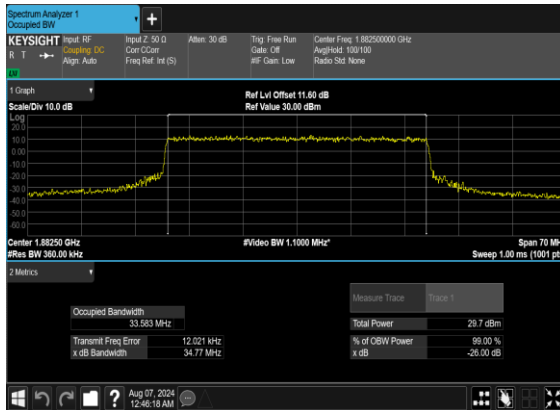
N25(35M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



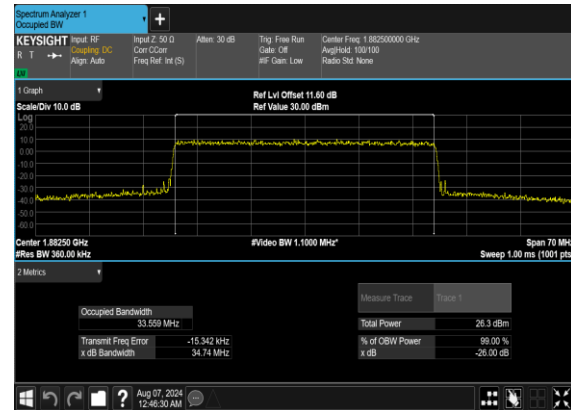
N25(35M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(35M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

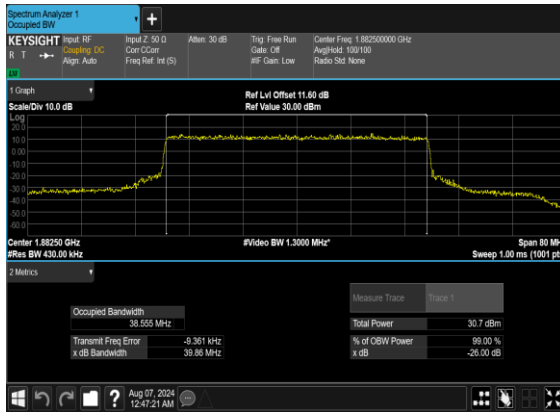


N25(35M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

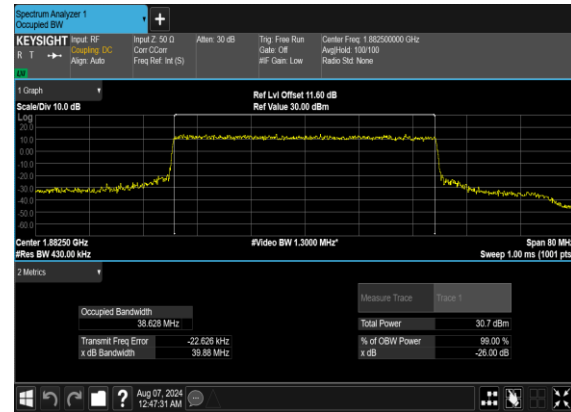




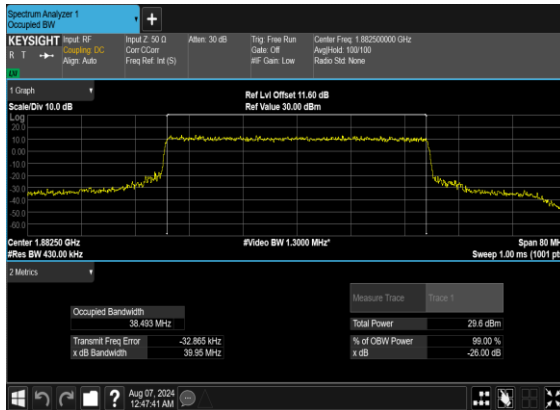
N25(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



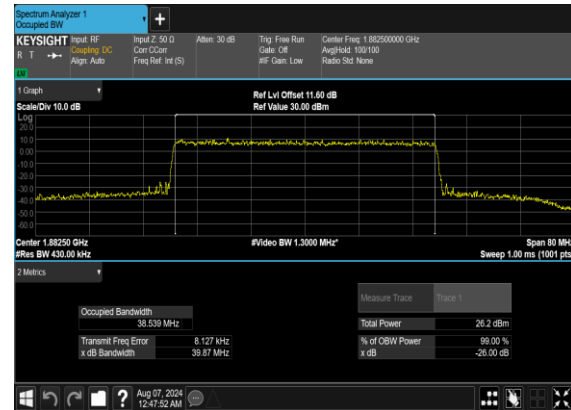
N25(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N25(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



**Conducted Spurious Emissions**

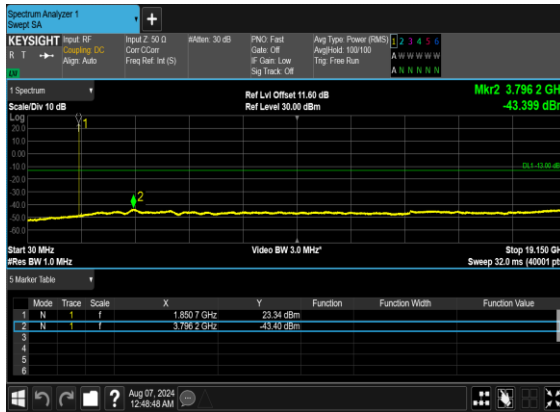
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph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



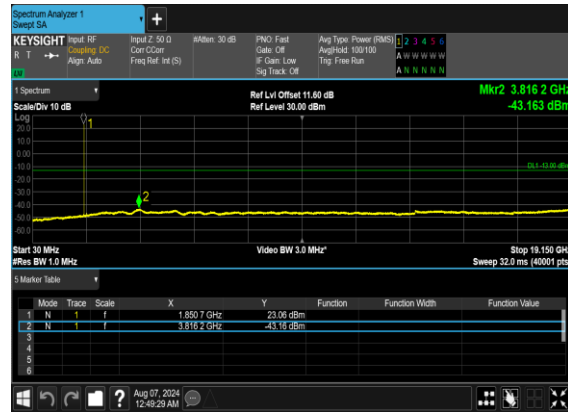
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	374000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



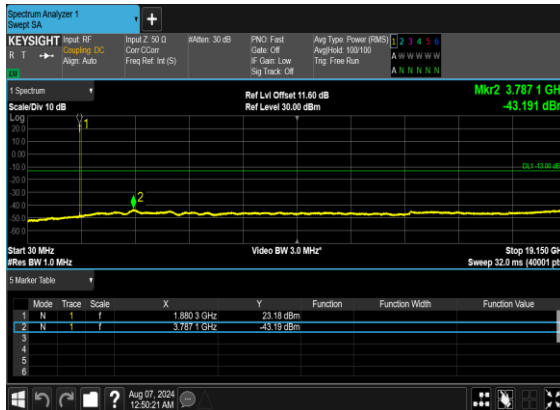
N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



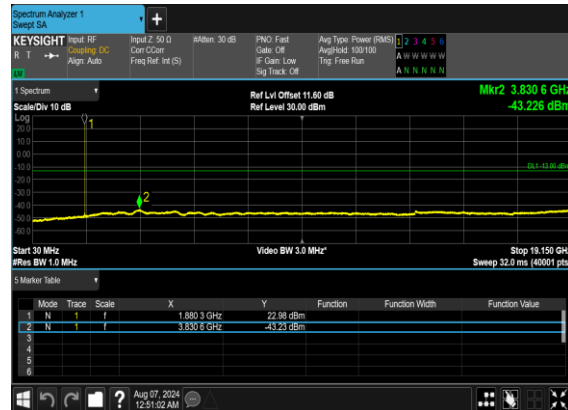
N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

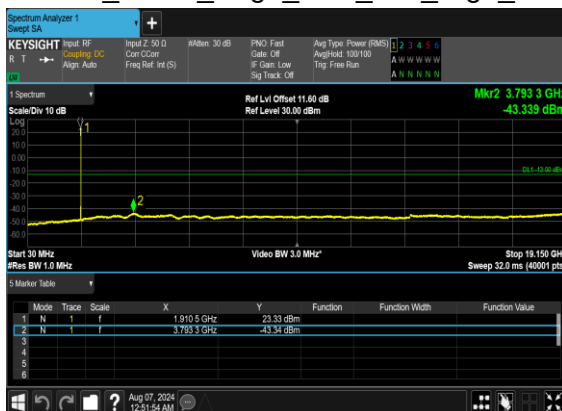


N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





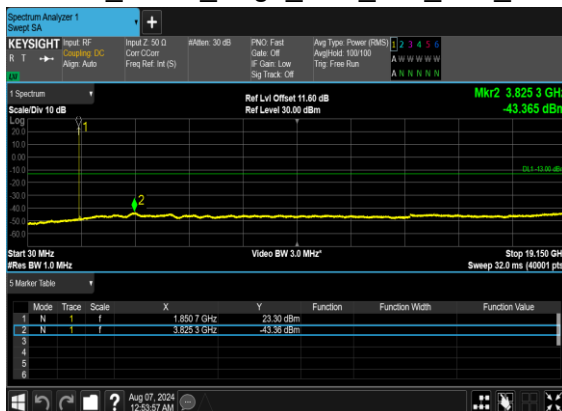
N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



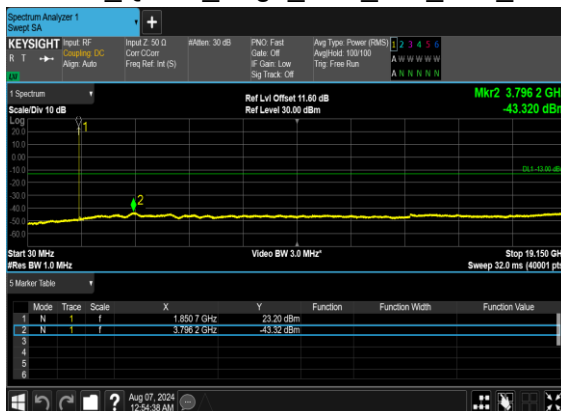
N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N25(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

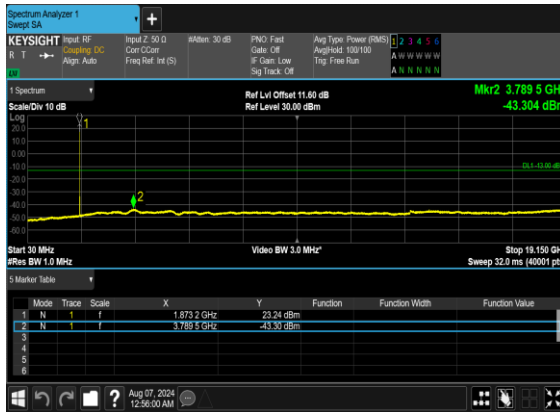


N25(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

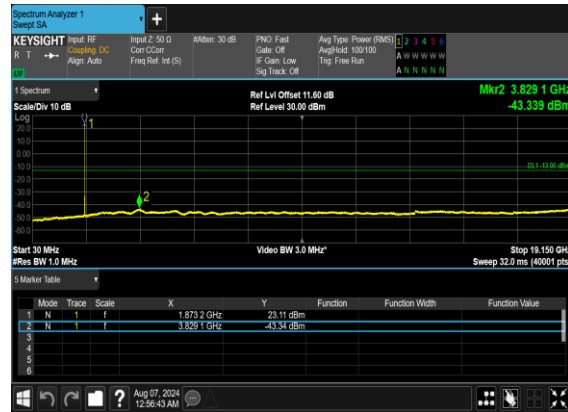




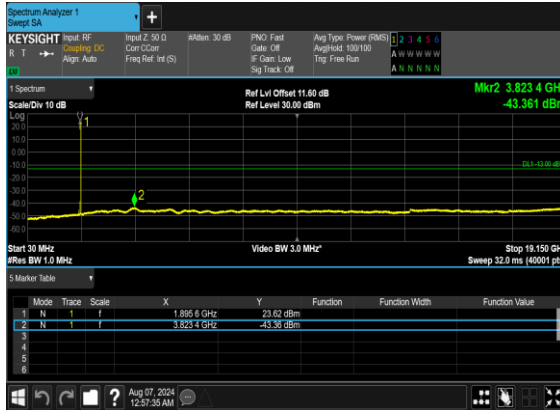
N25(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



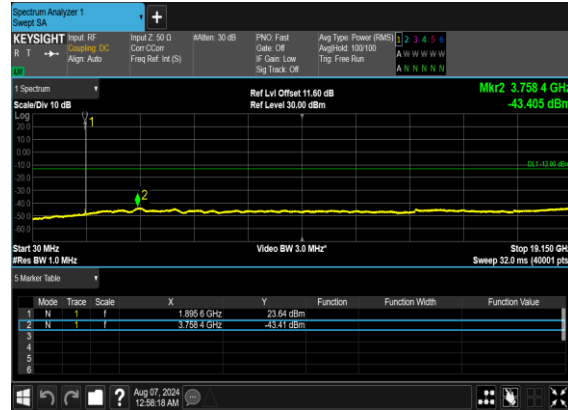
N25(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N25(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

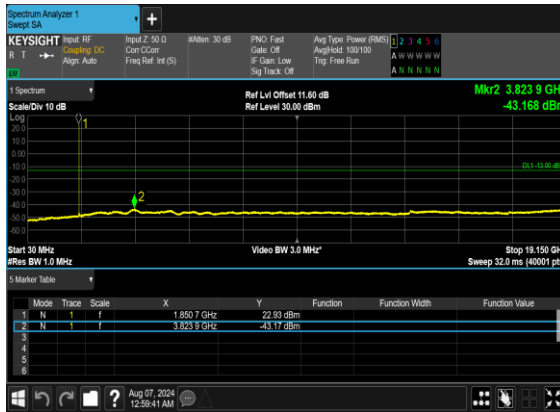


N25(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

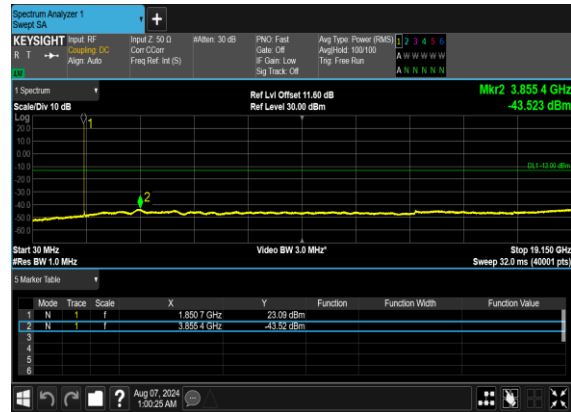




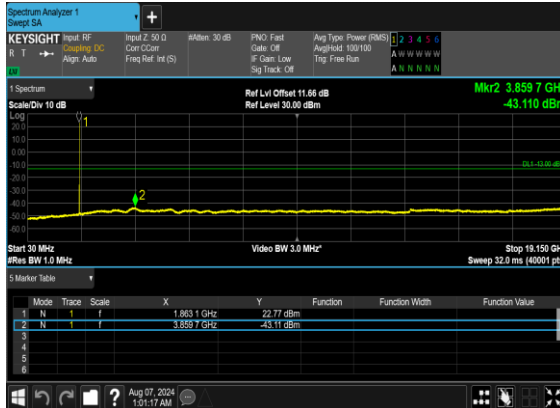
N25(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



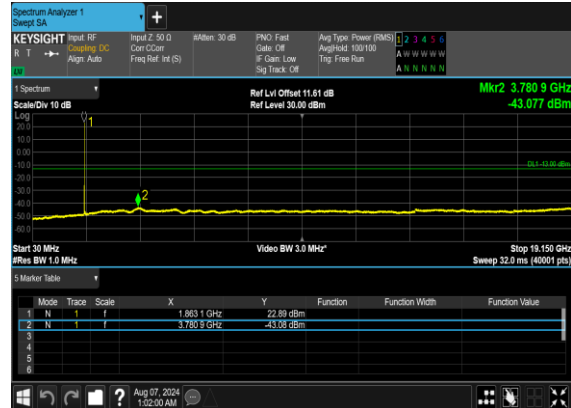
N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

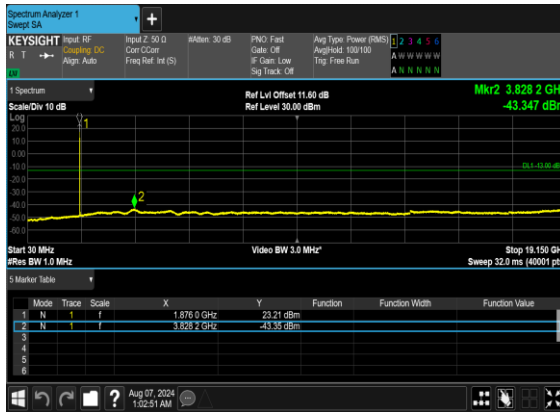


N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





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**

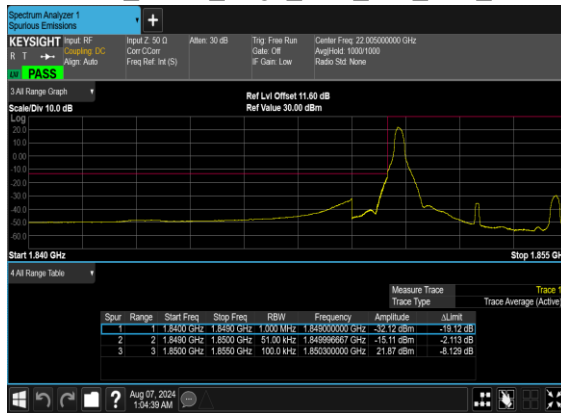
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	see graph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



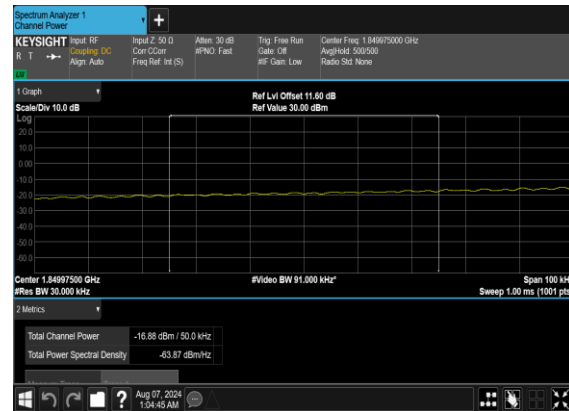
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	216@0	see graph	PASS



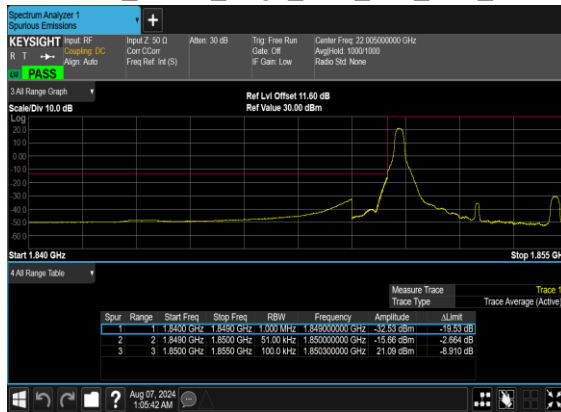
N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



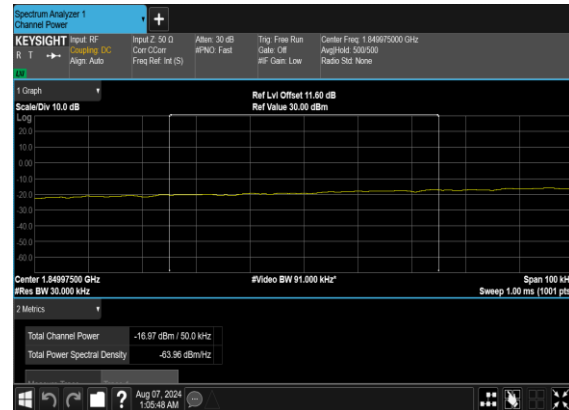
N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_chp_
PASS



N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

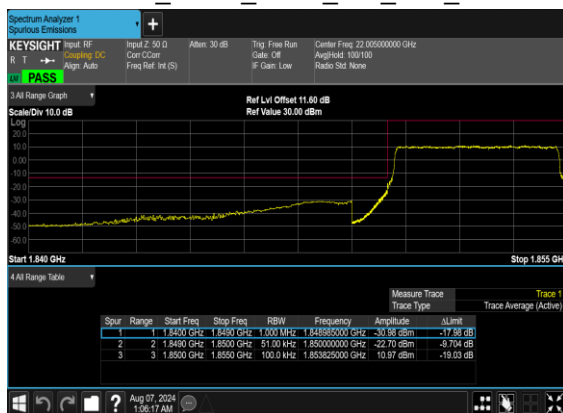


N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_chp_
PASS

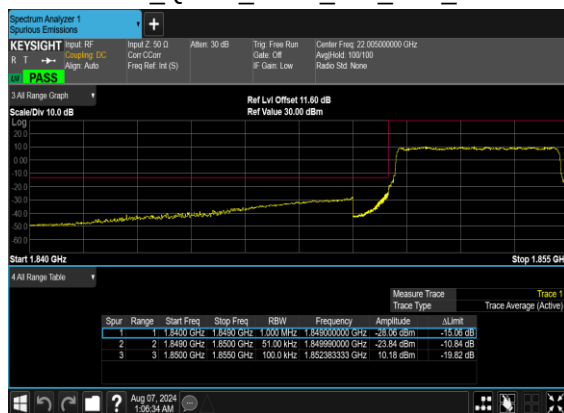




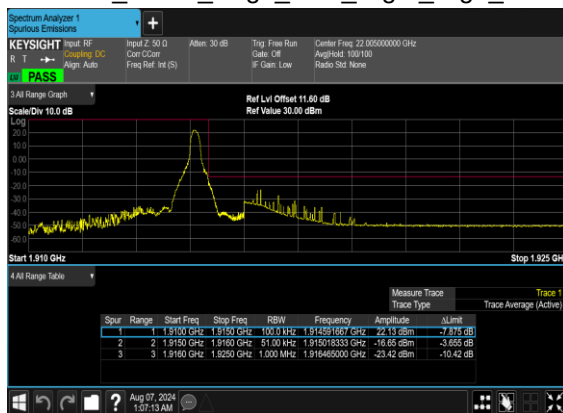
N25(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



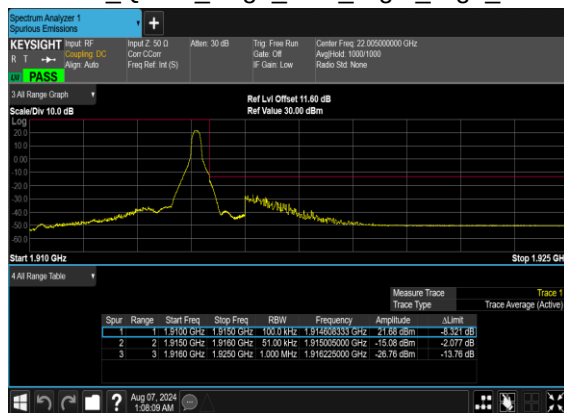
N25(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

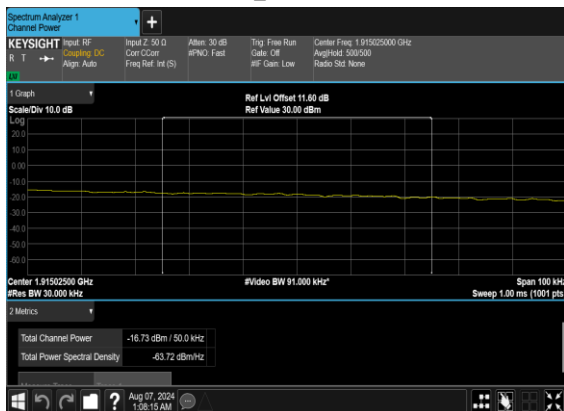


N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

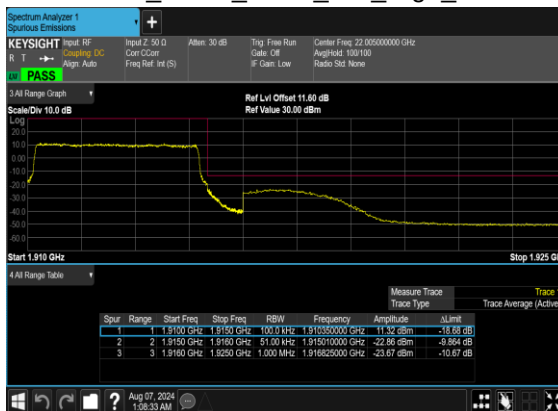




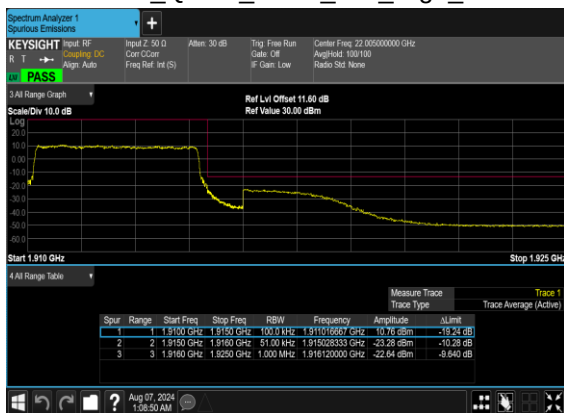
N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_chp
_PASS



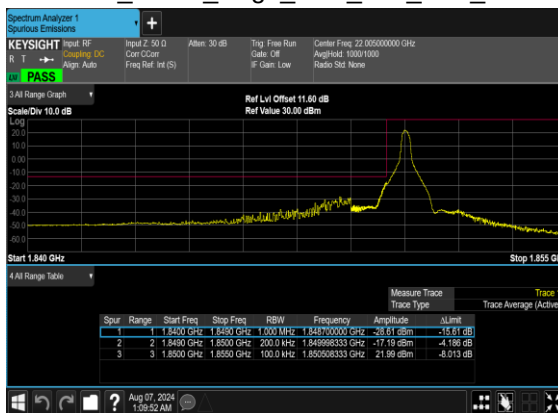
N25(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N25(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

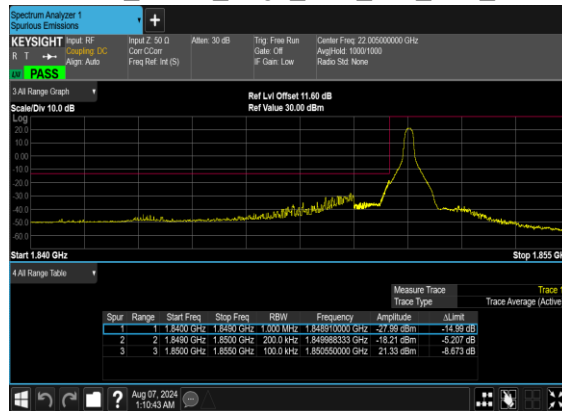


N25(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

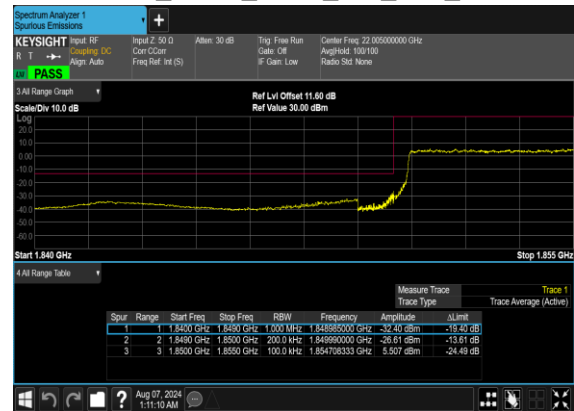




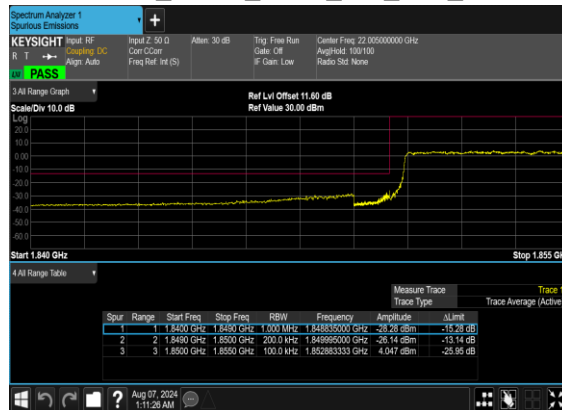
N25(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



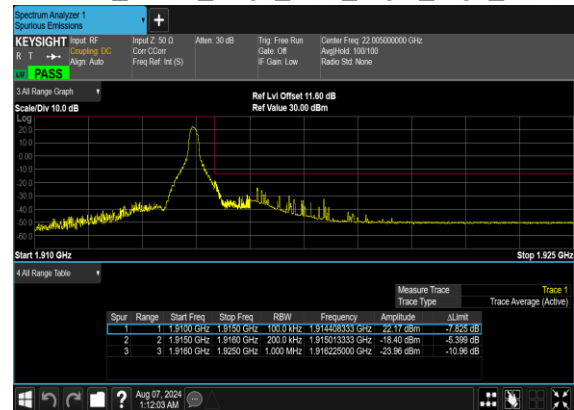
N25(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N25(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

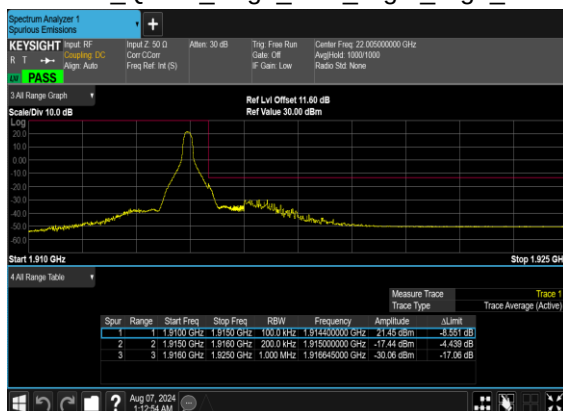


N25(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

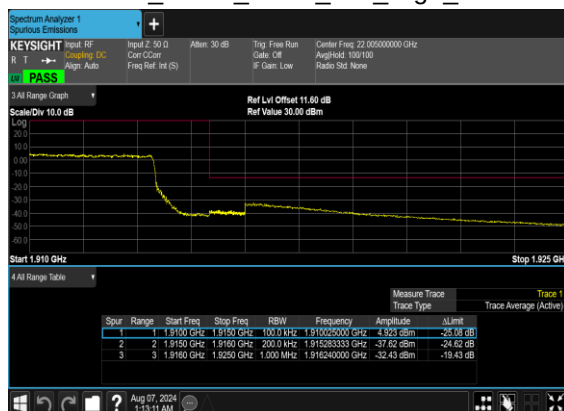




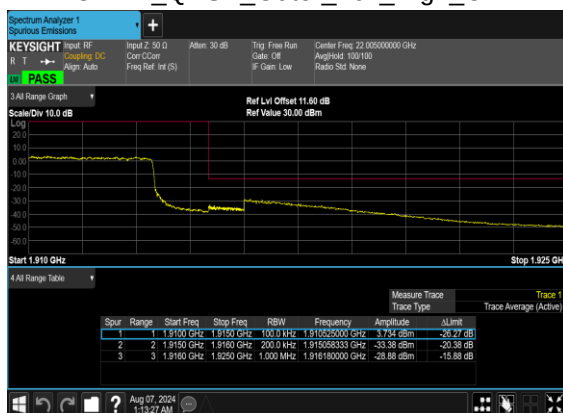
N25(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



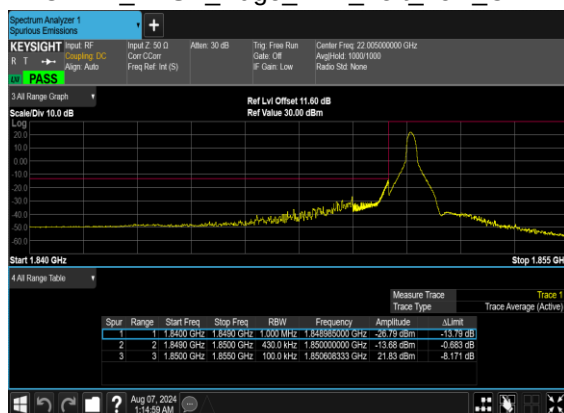
N25(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N25(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

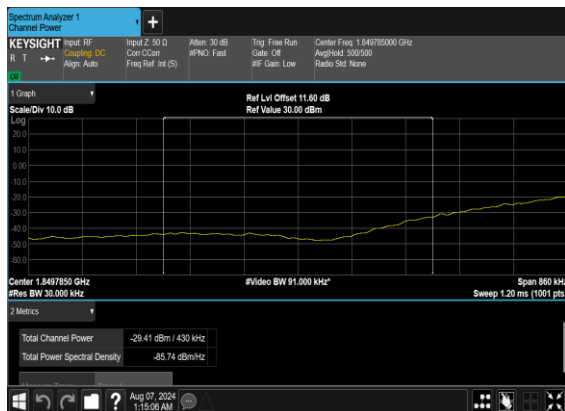


N25(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

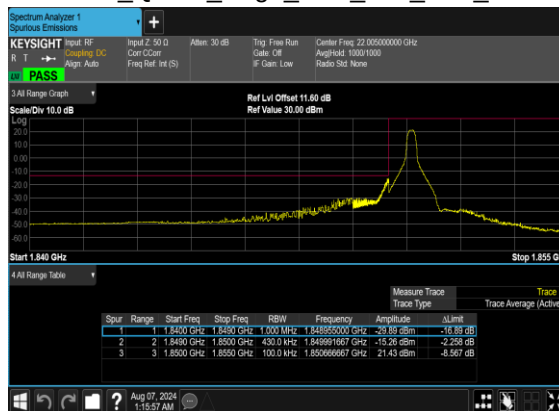




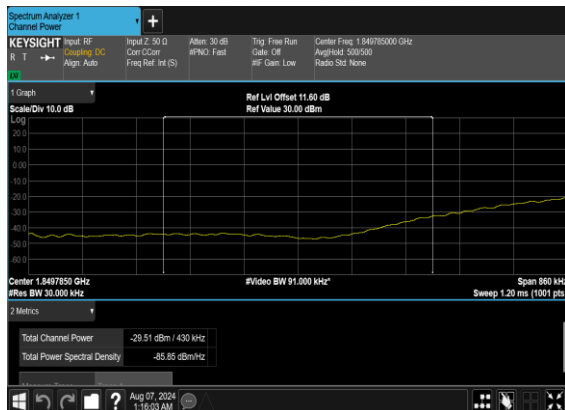
N25(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_chp_P
ASS



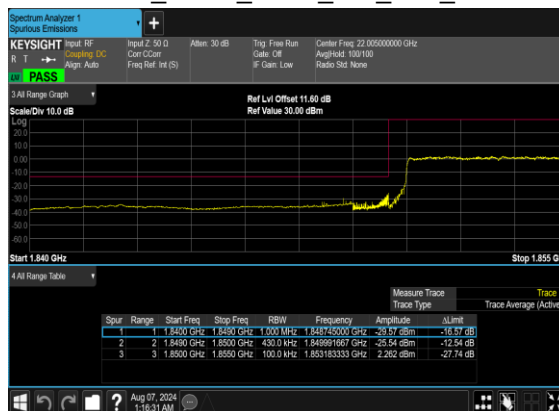
N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_chp_P
ASS

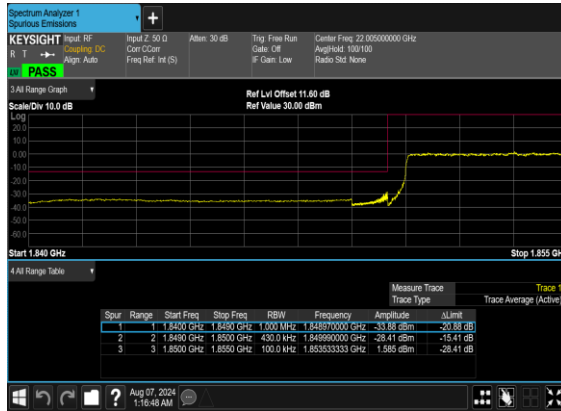


N25(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

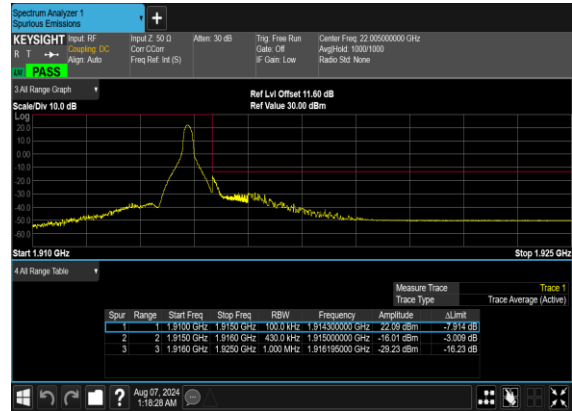




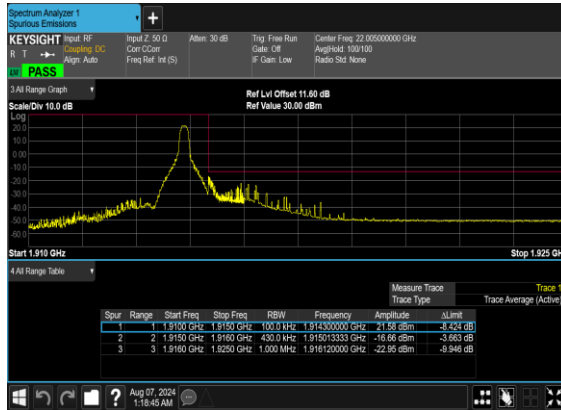
N25(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



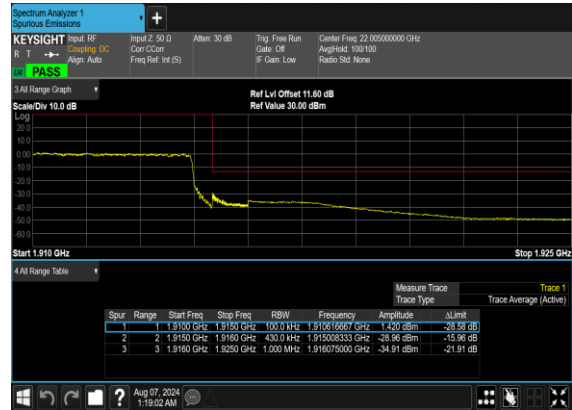
N25(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



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

