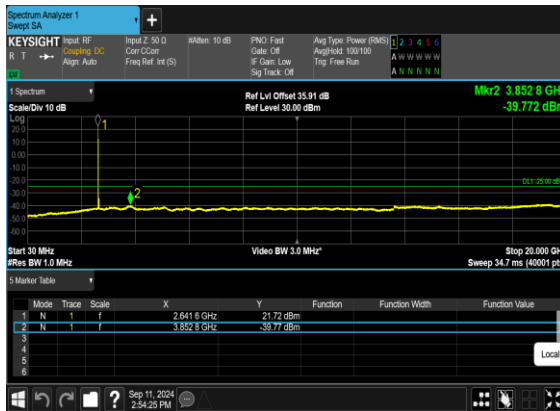
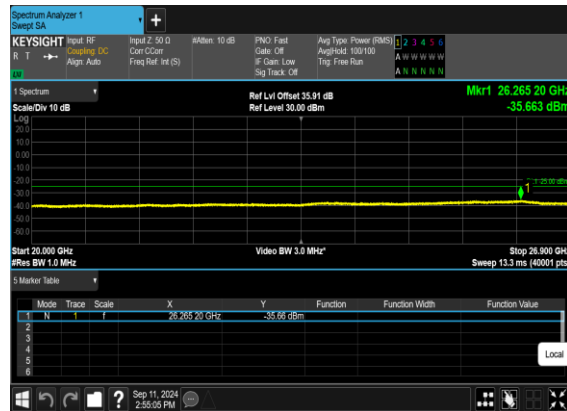




N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



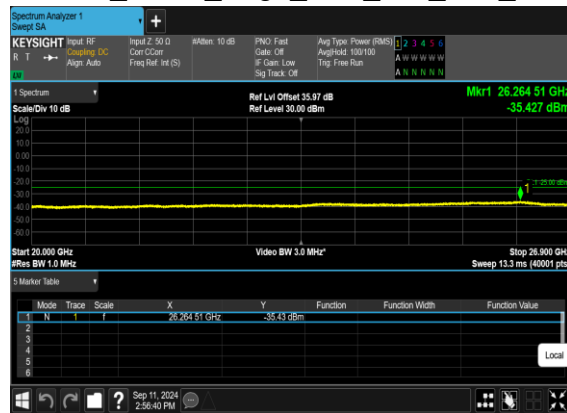
N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



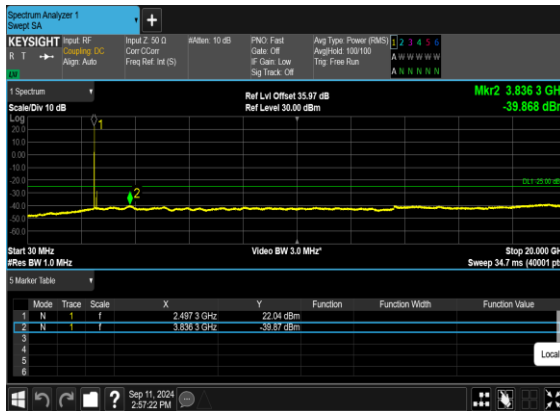
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



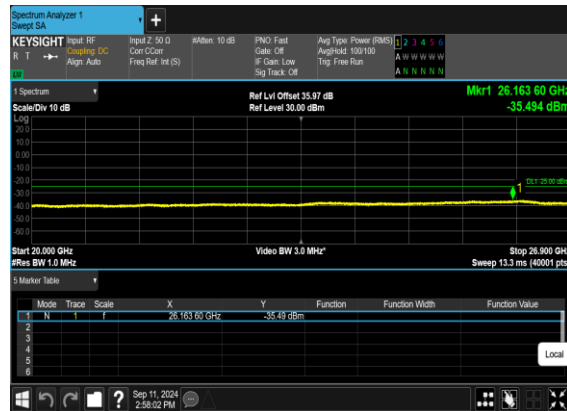
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

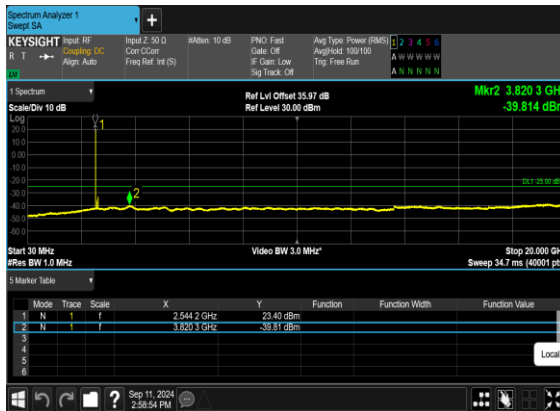


N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

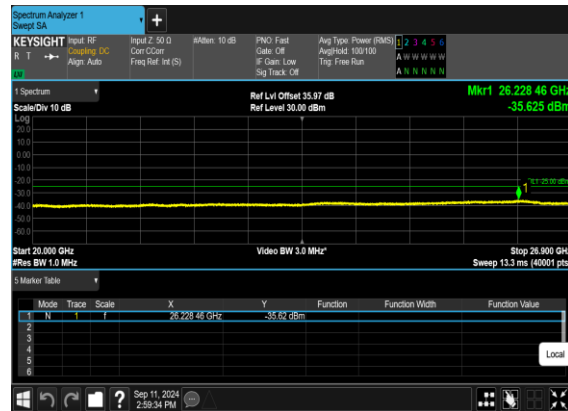




N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



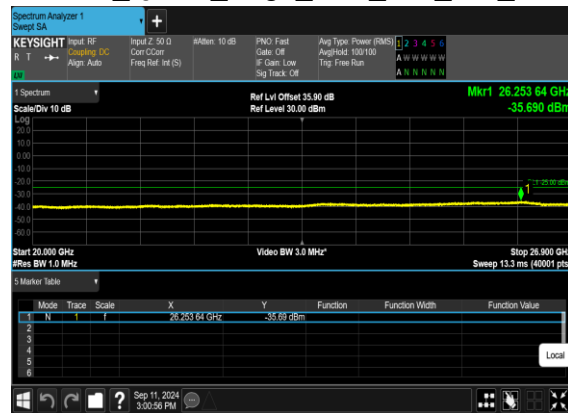
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



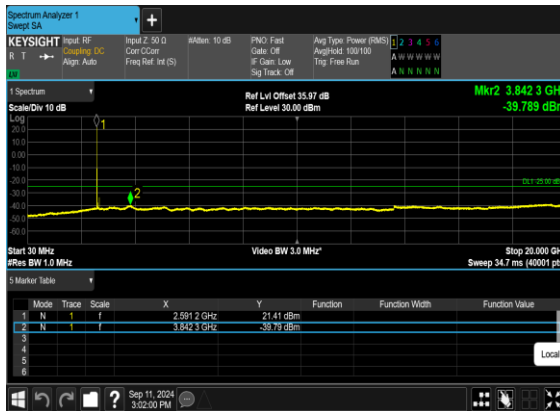
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



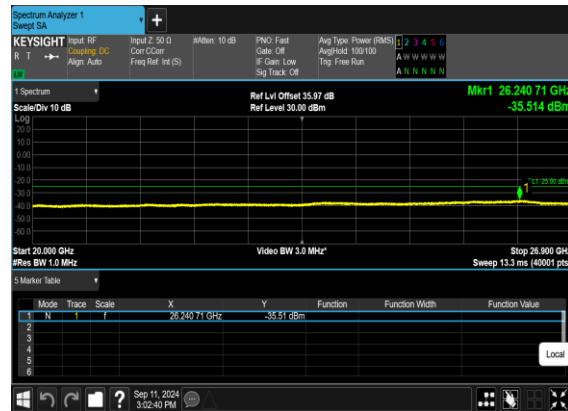
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

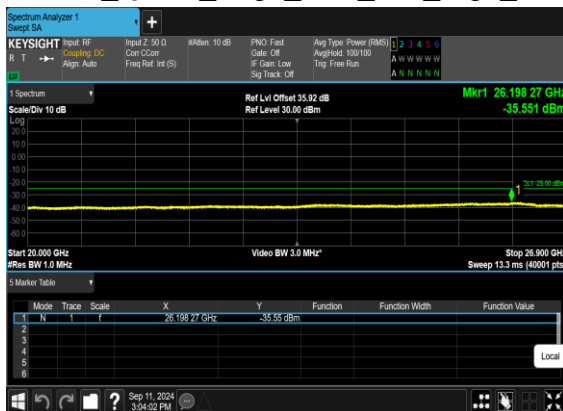




N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

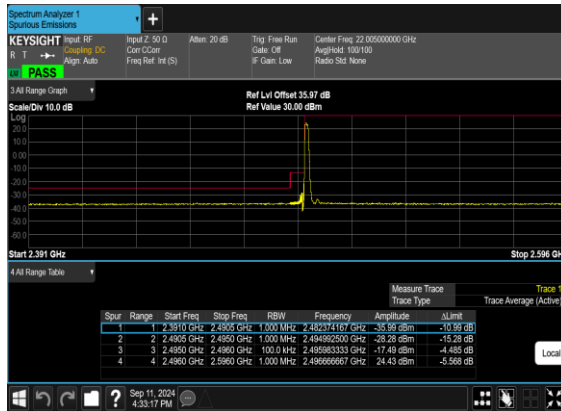


Conducted Band Edge

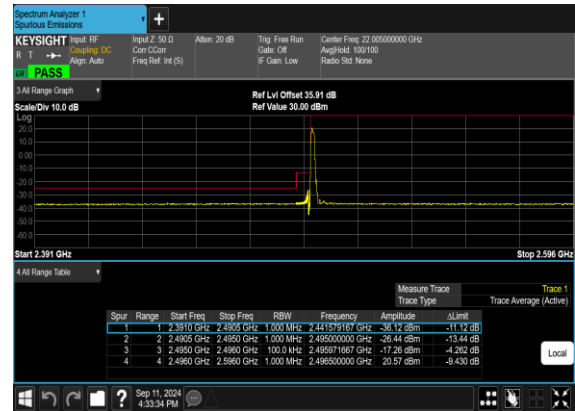
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



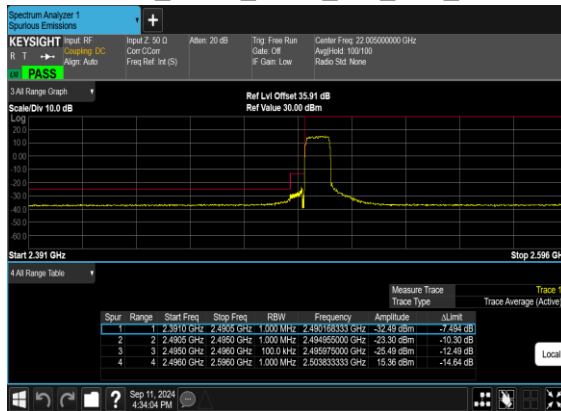
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



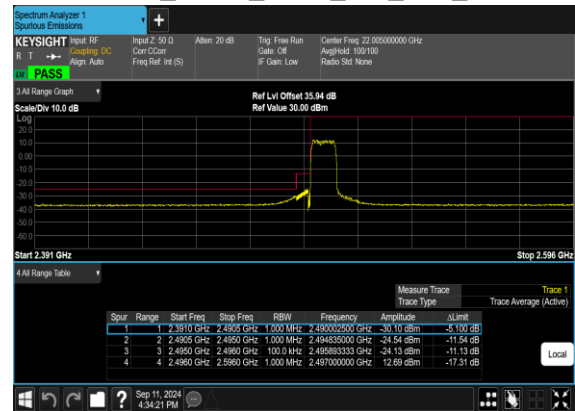
N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

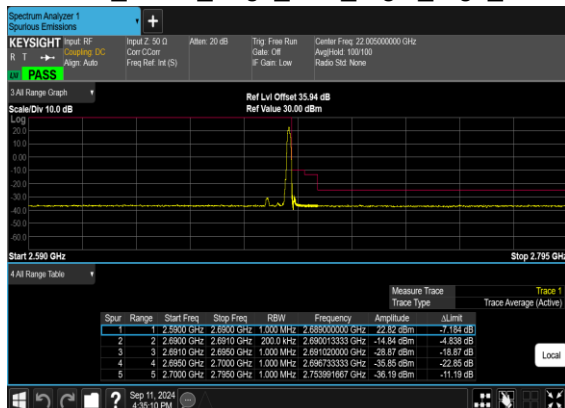
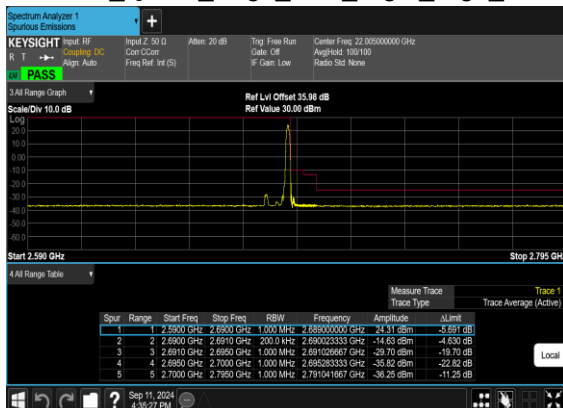
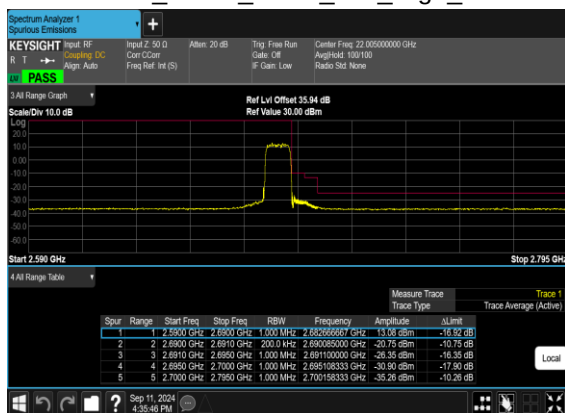
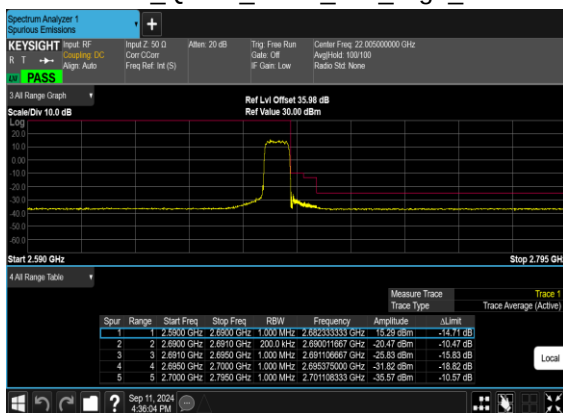


N41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



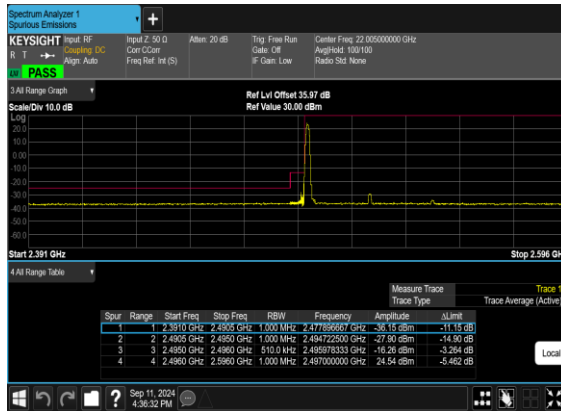
N41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



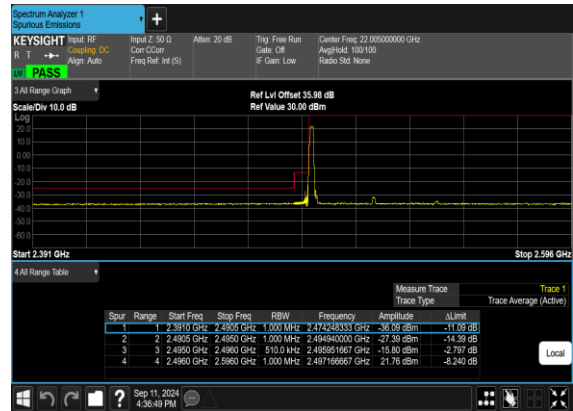
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHN41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHN41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHN41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



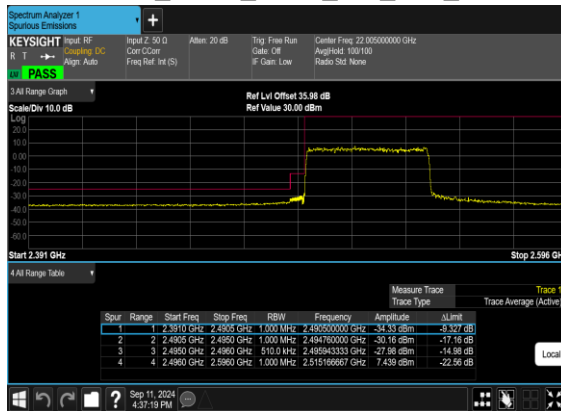
N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



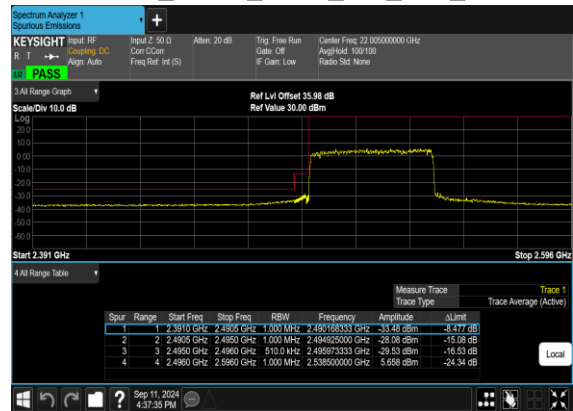
N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

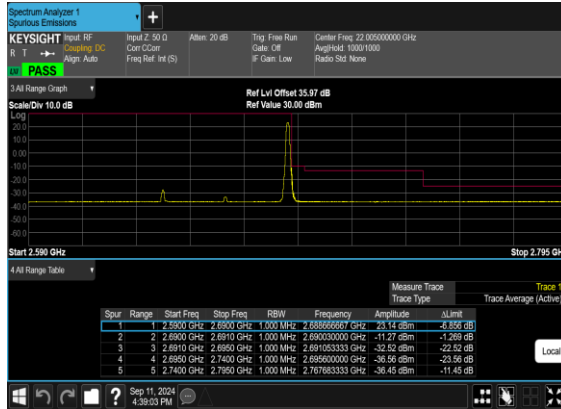


N41(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

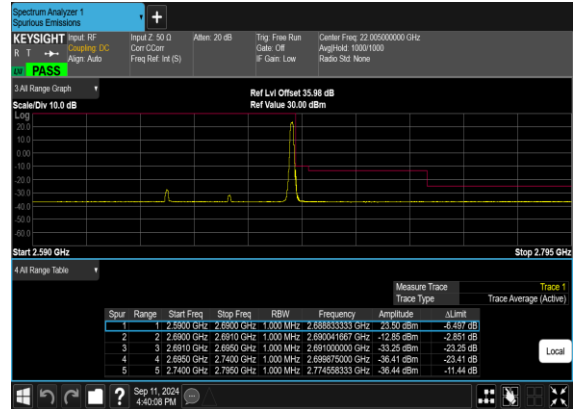




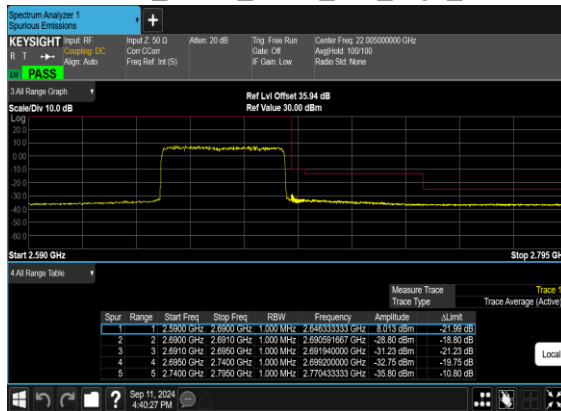
N41(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



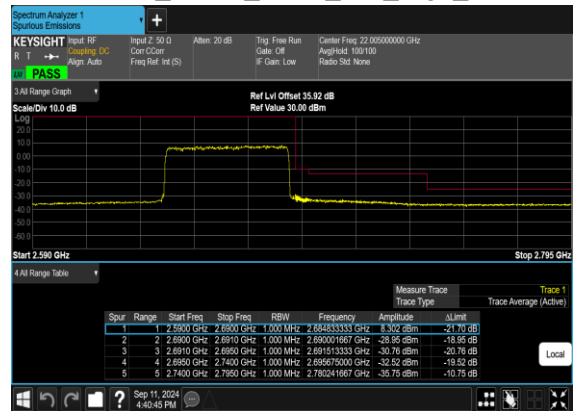
N41(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

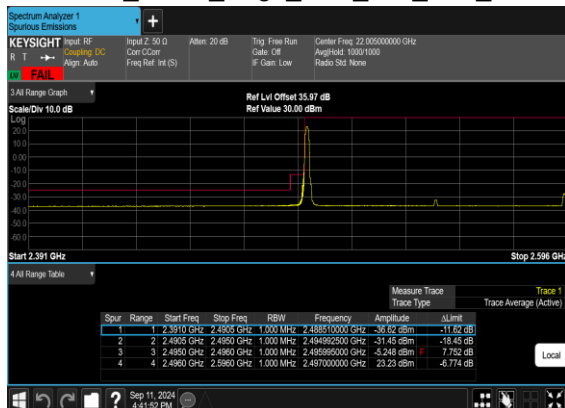
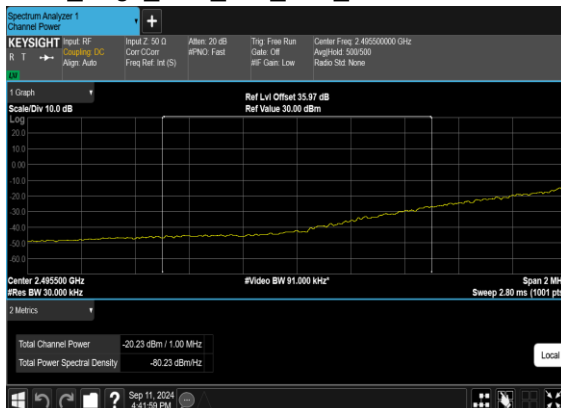
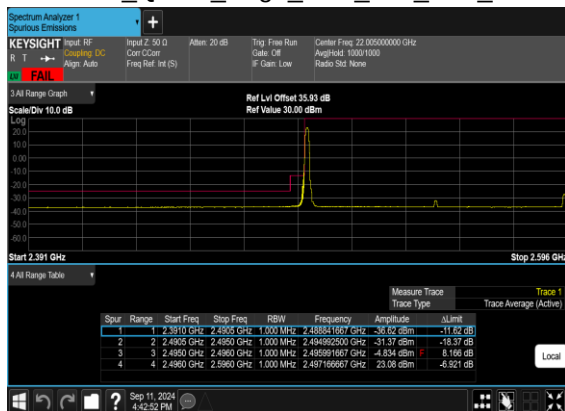
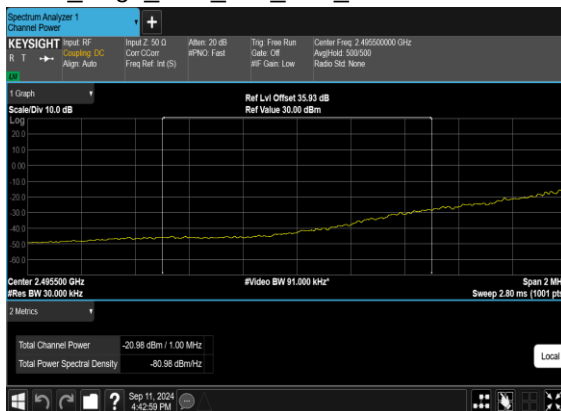


N41(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



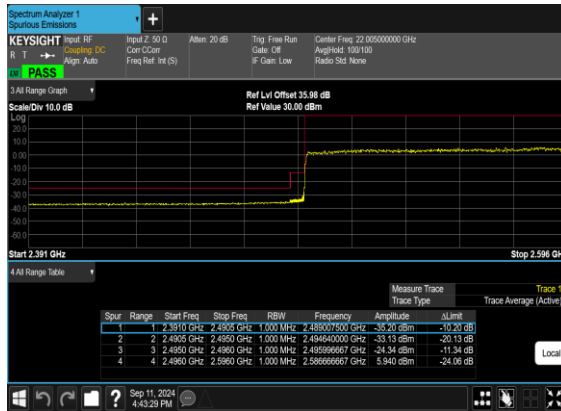
N41(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



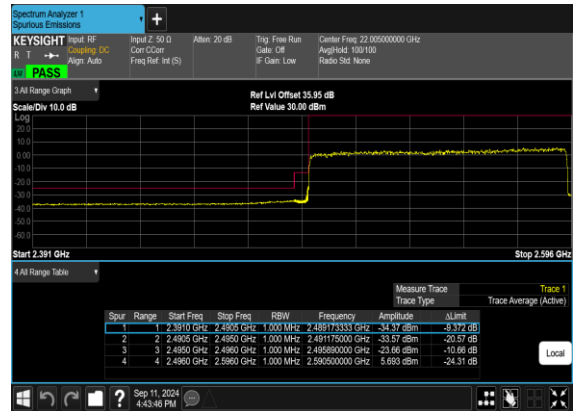
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-OFDM_BPSK
_Edge_1RB_Left_Low_CH_CHP_PASSN41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN41(100M)_DFT-s-OFDM_QPSK
_Edge_1RB_Left_Low_CH_CHP_PASS



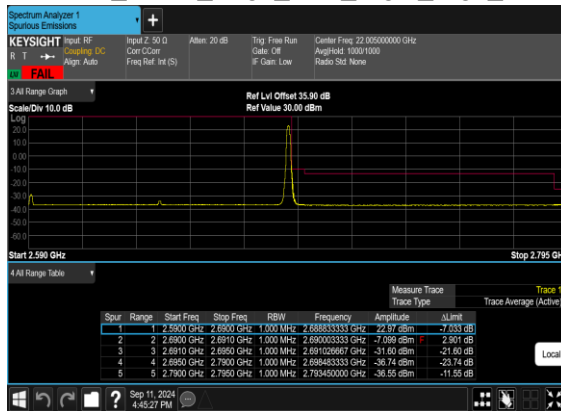
N41(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



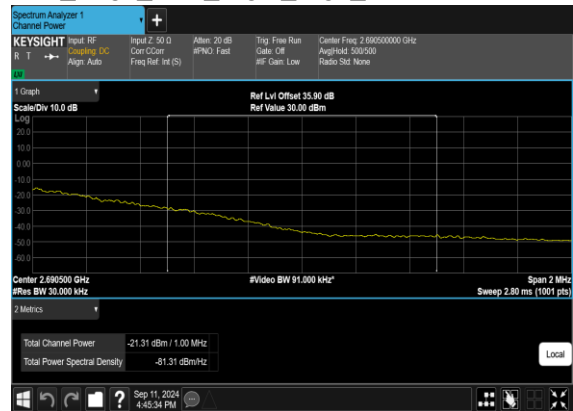
N41(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

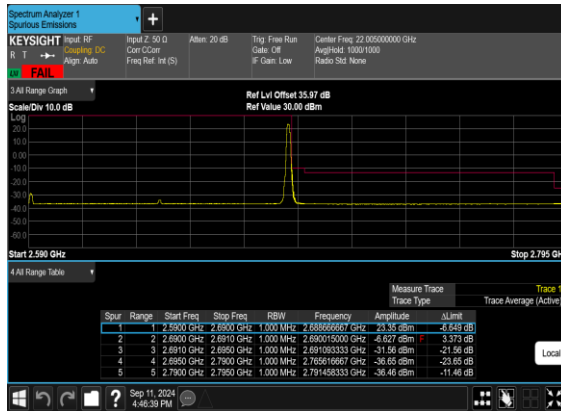


N41(100M)_DFT-s-OFDM_BPSK
_Edge_1RB_Right_High_CH_CHP_PASS

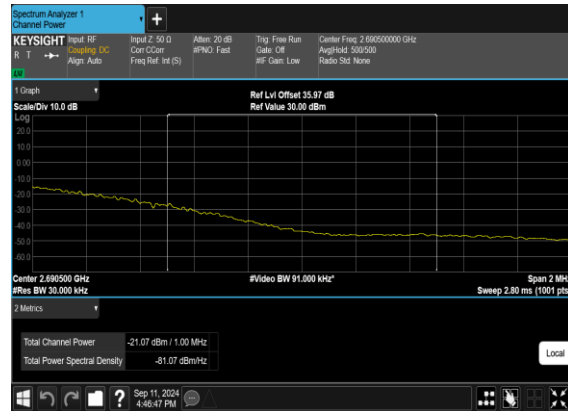




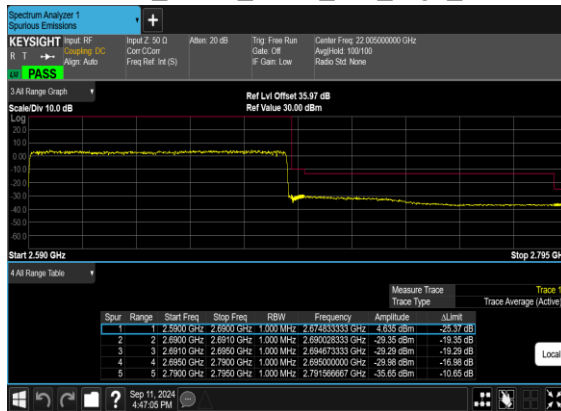
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



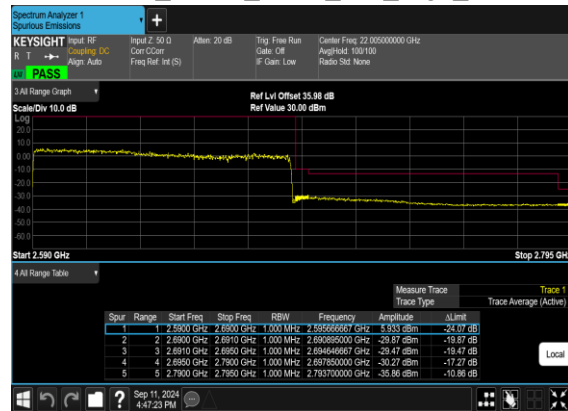
N41(100M)_DFT-s-OFDM_QPSK
_Edge_1RB_Right_High_CH_chP_PASS



N41(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N12 SA

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	0.0032	PASS	NV
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	-0.0012	PASS	LV
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	0.0017	PASS	HV
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	0.0044	PASS	-30°C
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	0.0037	PASS	-20°C
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	0.0051	PASS	-10°C
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	0.0044	PASS	0°C
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	0.0027	PASS	10°C
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	-0.0034	PASS	20°C
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	-0.0021	PASS	30°C
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	-0.0016	PASS	40°C
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	0.0054	PASS	50°C



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	75@0	3.16	13	PASS
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@0	3.47	13	PASS
12	15	15	141500	707.5	DFT-s-OFDM QPSK	75@0	4.83	13	PASS
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@0	4.39	13	PASS

N12(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N12(15M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N12(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N12(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH





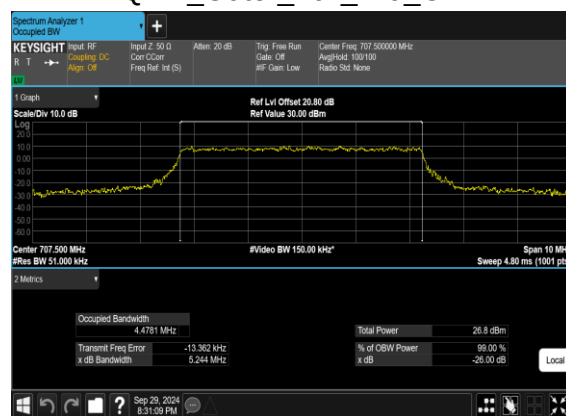
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
12	15	5	141500	707.5	CP-OFDM QPSK	25@0	4.4687	5.115
12	15	5	141500	707.5	CP-OFDM 16 QAM	25@0	4.4781	5.244
12	15	5	141500	707.5	CP-OFDM 64 QAM	25@0	4.4583	4.945
12	15	5	141500	707.5	CP-OFDM 256 QAM	25@0	4.4788	4.968
12	15	10	141500	707.5	CP-OFDM QPSK	52@0	9.2681	10.06
12	15	10	141500	707.5	CP-OFDM 16 QAM	52@0	9.3023	10.06
12	15	10	141500	707.5	CP-OFDM 64 QAM	52@0	9.2719	9.851
12	15	10	141500	707.5	CP-OFDM 256 QAM	52@0	9.2787	9.919
12	15	15	141500	707.5	CP-OFDM QPSK	79@0	14.099	14.93
12	15	15	141500	707.5	CP-OFDM 16 QAM	79@0	14.083	14.94
12	15	15	141500	707.5	CP-OFDM 64 QAM	79@0	14.104	14.89
12	15	15	141500	707.5	CP-OFDM 256 QAM	79@0	14.086	14.79

N12(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N12(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

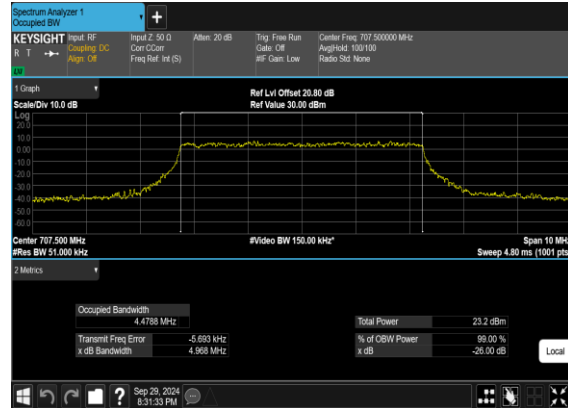




N12(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



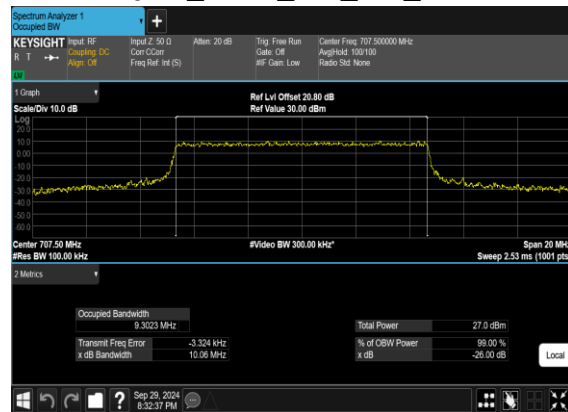
N12(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N12(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH

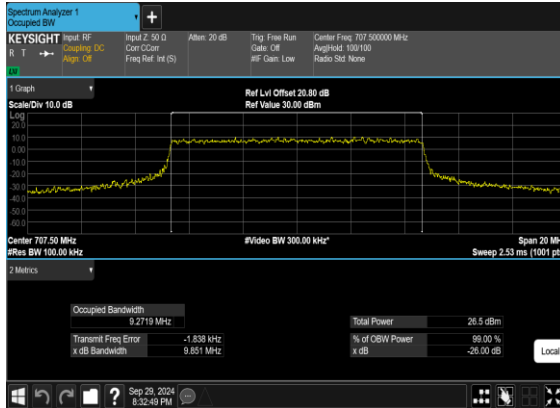


N12(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

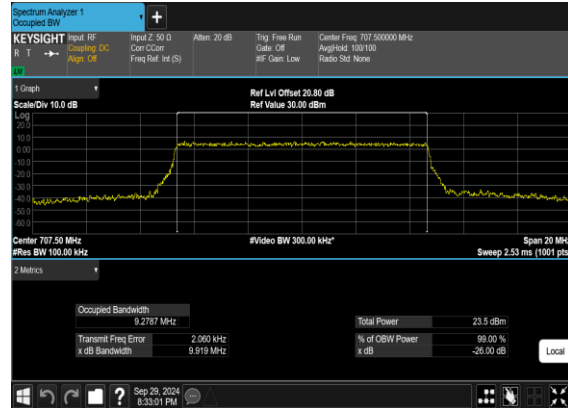




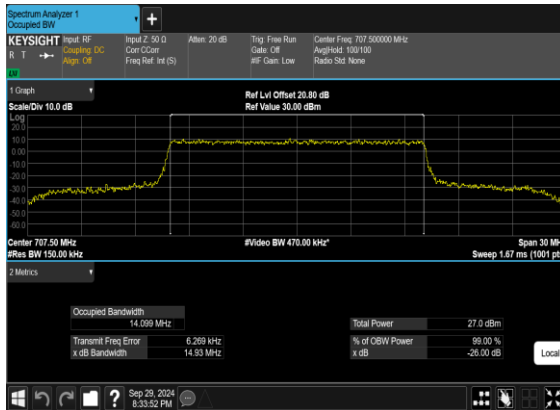
N12(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



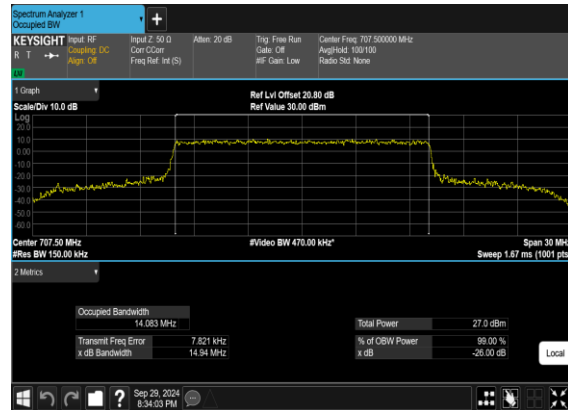
N12(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N12(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH

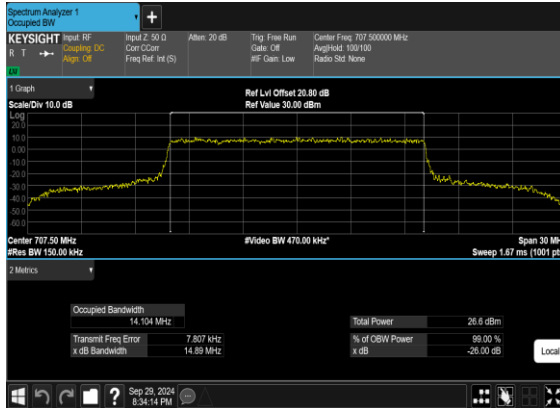


N12(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

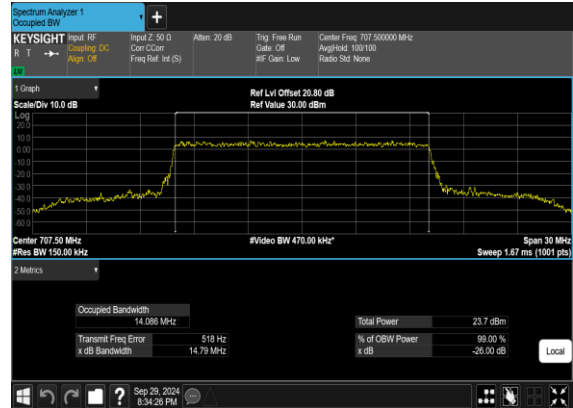




N12(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N12(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

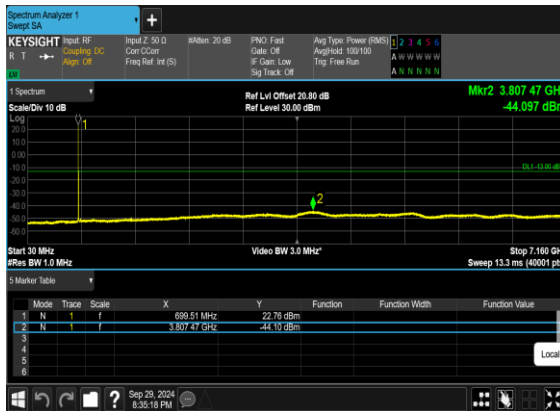


Conducted Spurious Emissions

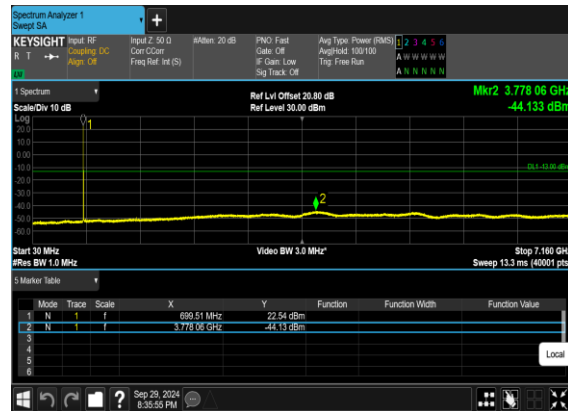
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	5	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	5	142700	713.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	10	140800	704.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	10	140800	704.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	10	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	15	141300	706.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	15	141500	707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



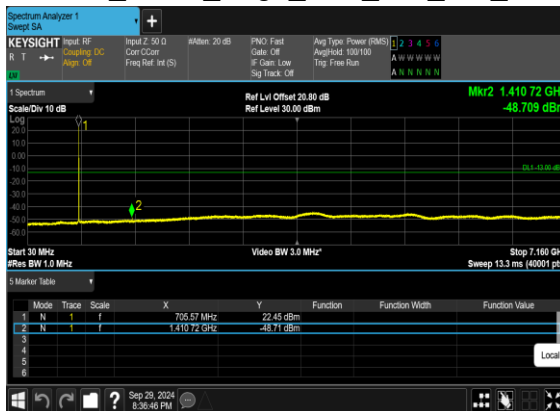
N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



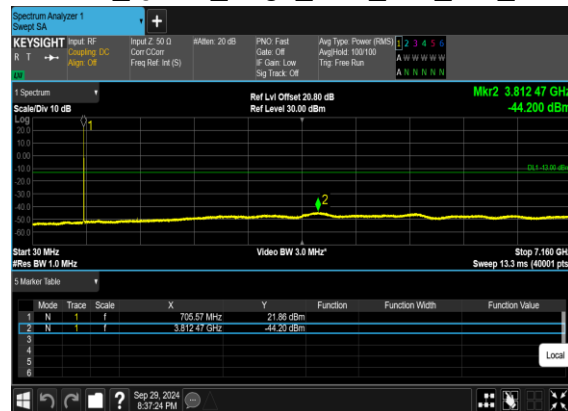
N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



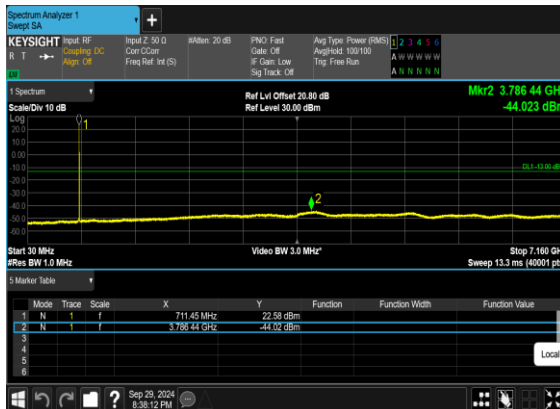
N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



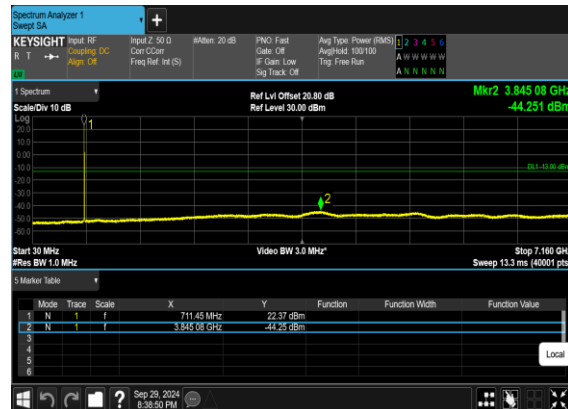
N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

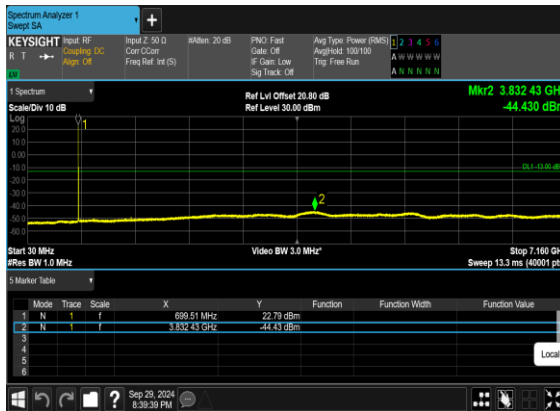
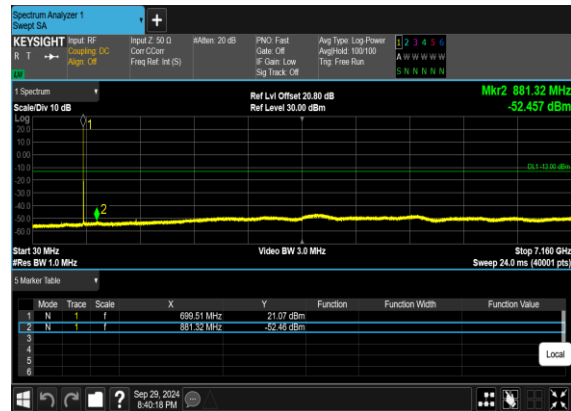
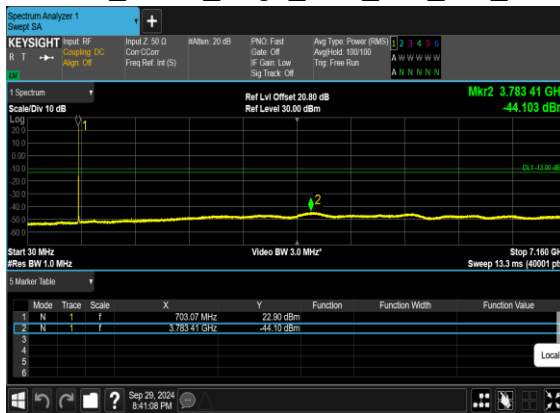
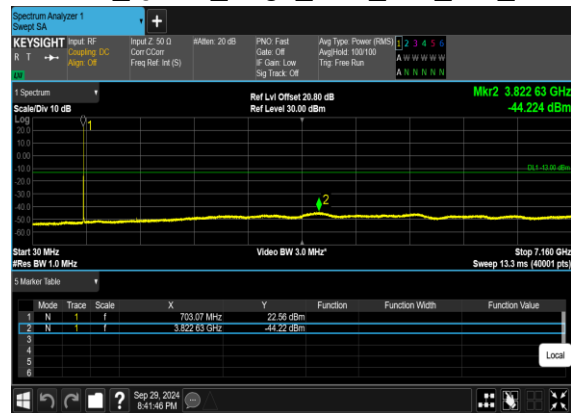
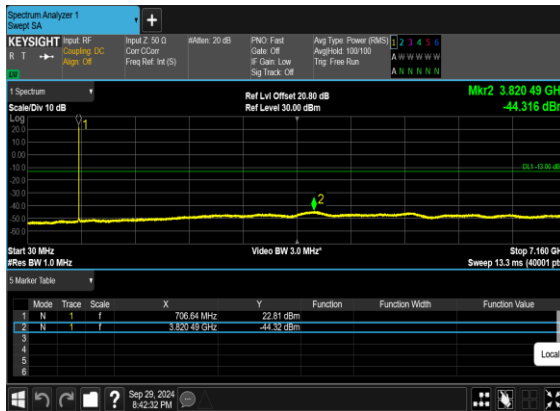
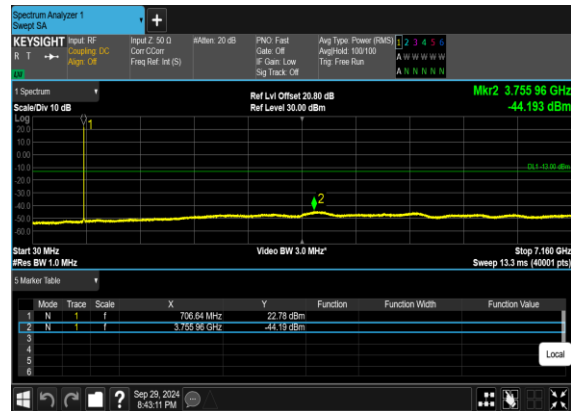


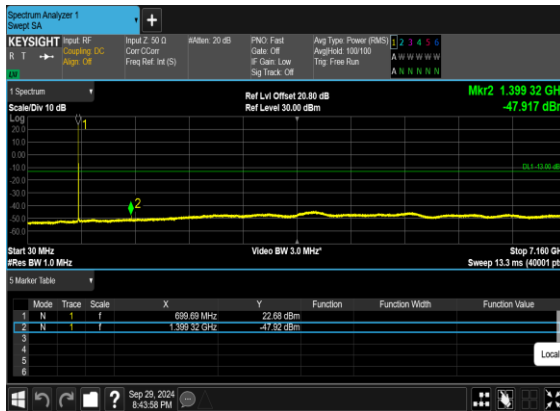
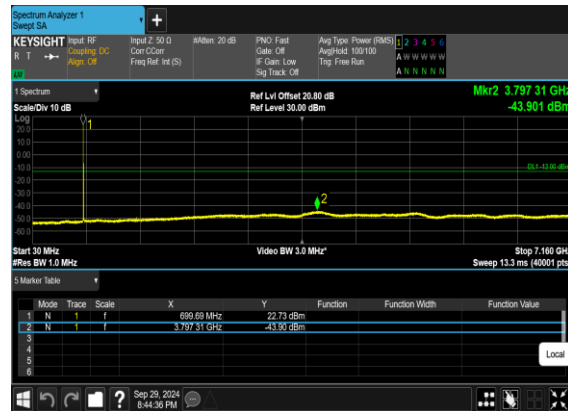
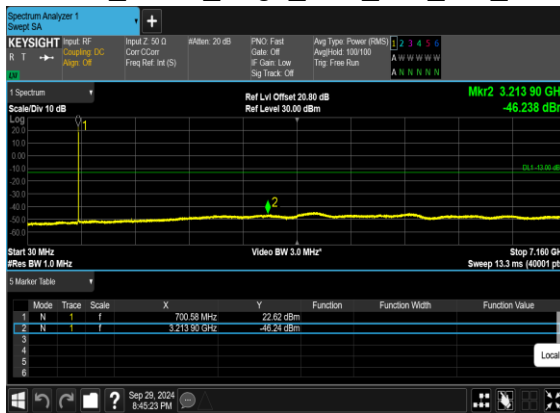
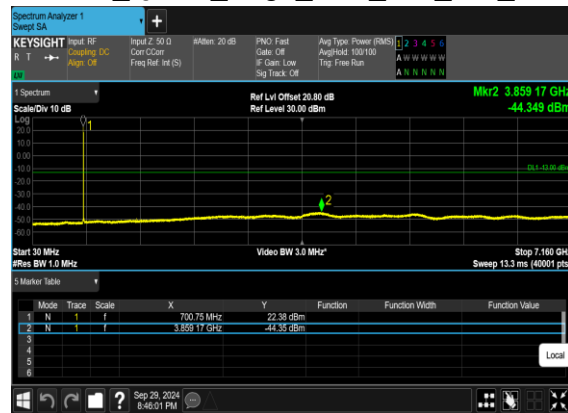
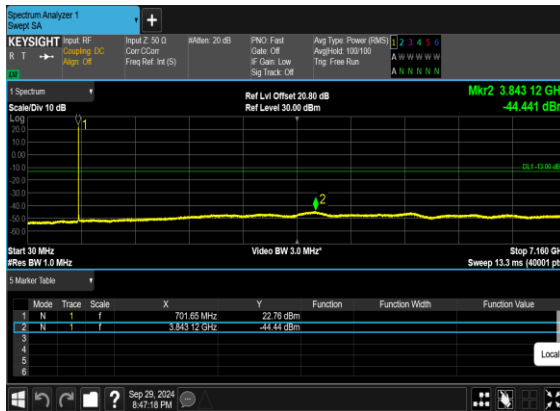
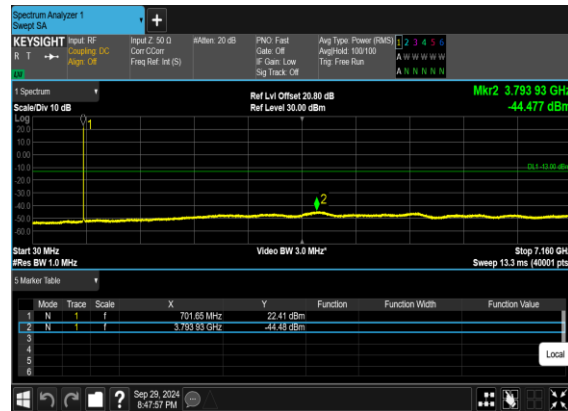
N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CHN12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHN12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

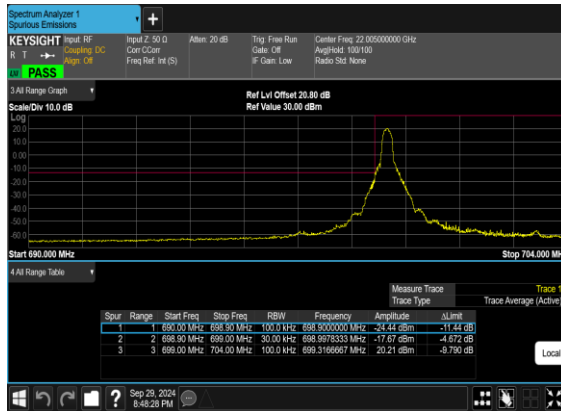
N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CHN12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CHN12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

**Conducted Band Edge**

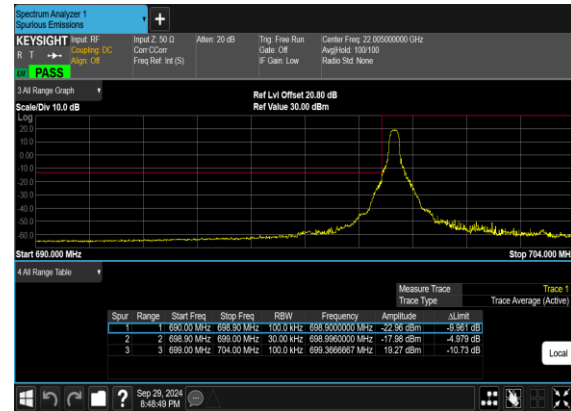
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
12	15	5	140300	701.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
12	15	5	140300	701.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
12	15	5	142700	713.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
12	15	10	140800	704.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
12	15	10	142200	711.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
12	15	15	141300	706.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
12	15	15	141700	708.5	DFT-s-OFDM QPSK	75@0	see graph	PASS



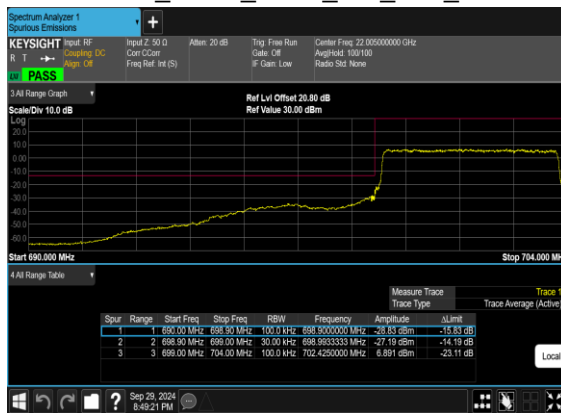
N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N12(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

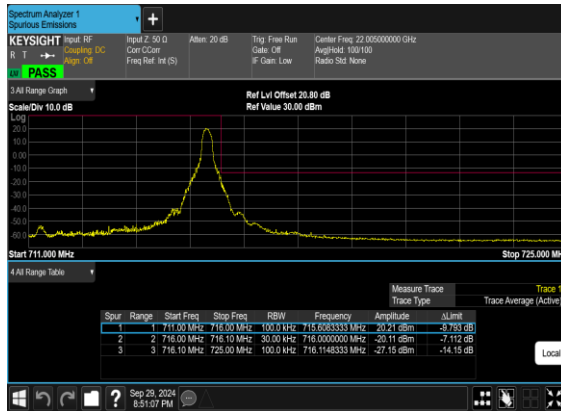


N12(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

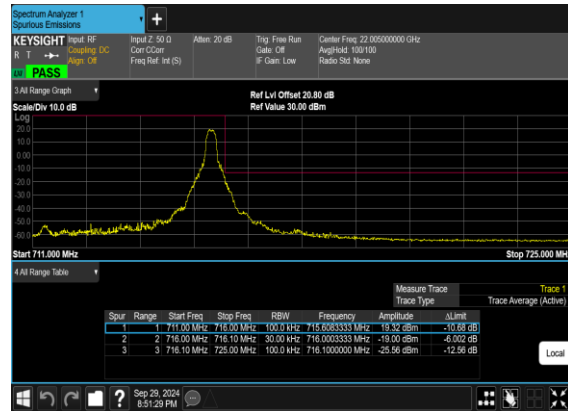




N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N12(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

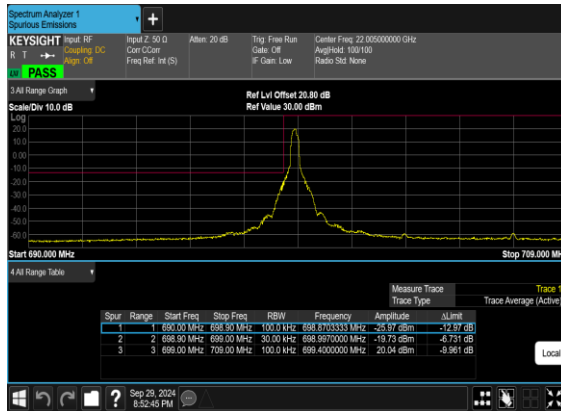


N12(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

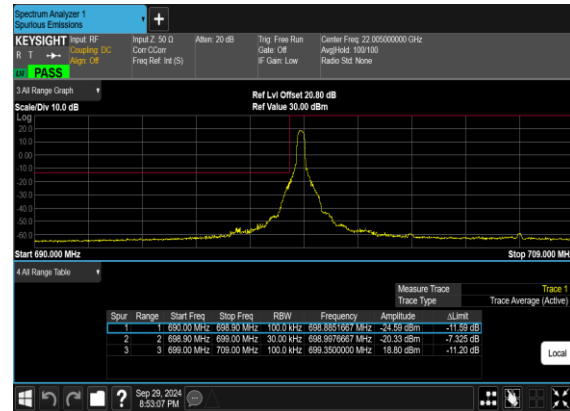




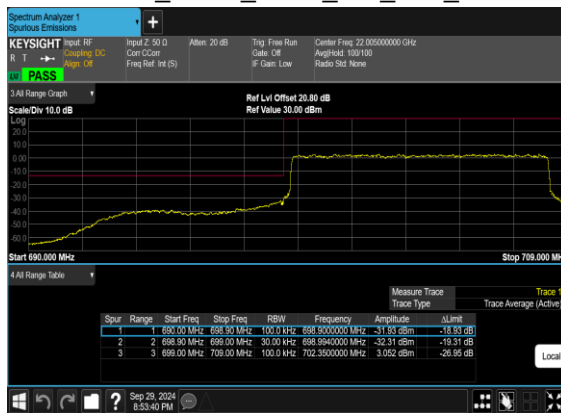
N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N12(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

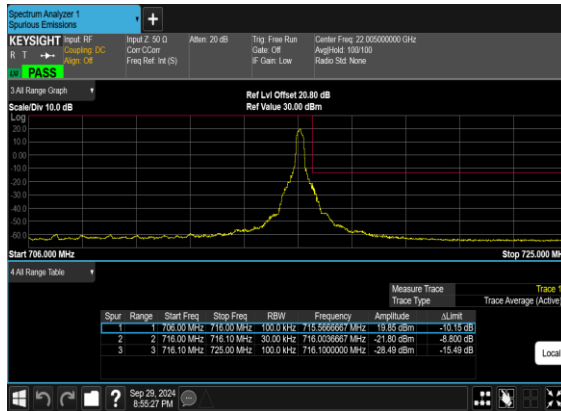


N12(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

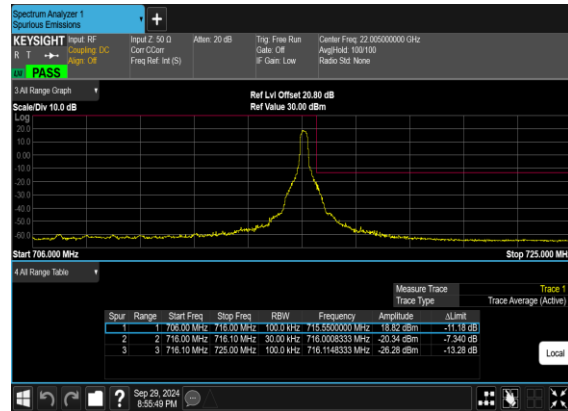




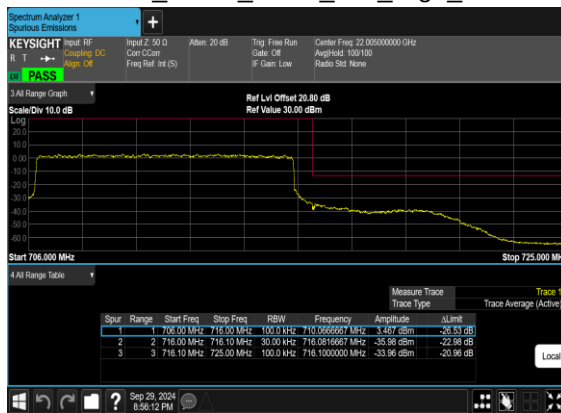
N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



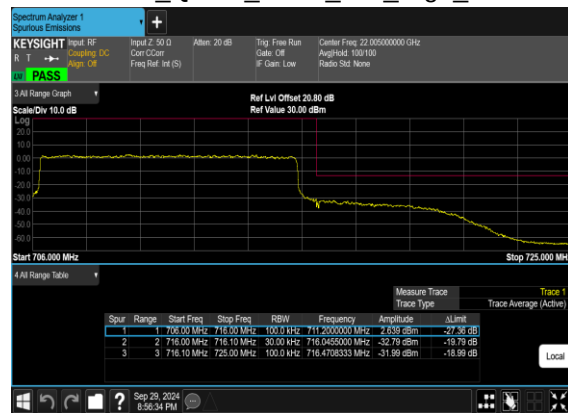
N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

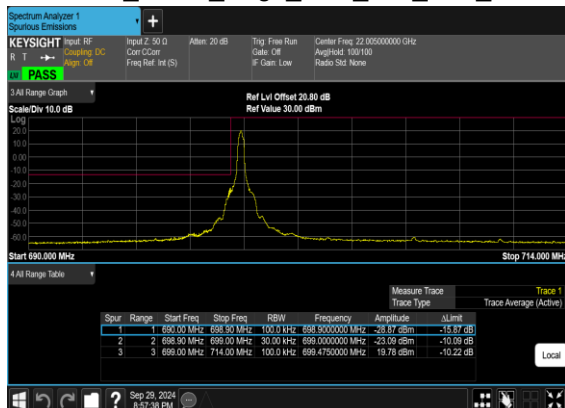
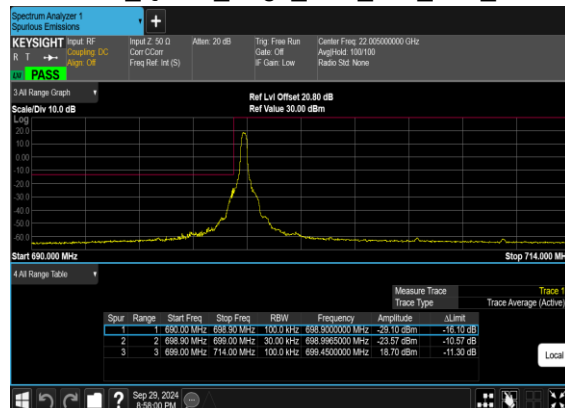
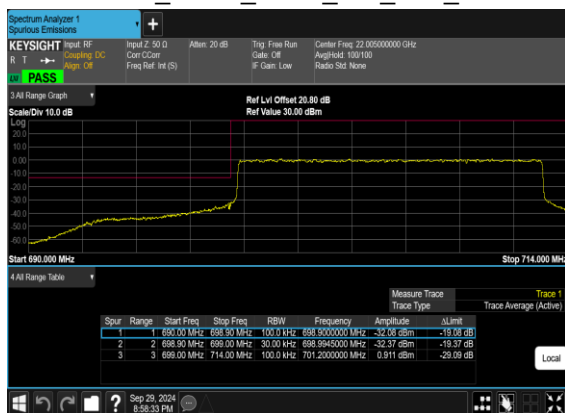
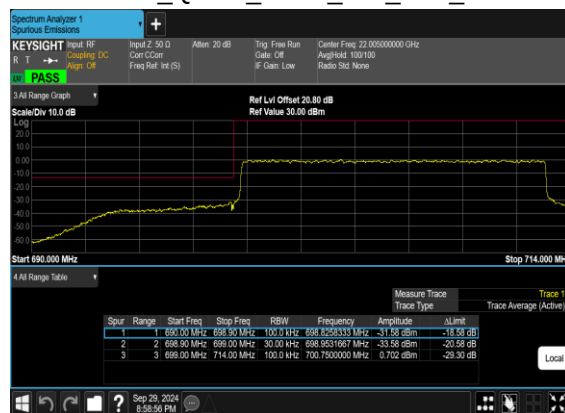


N12(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



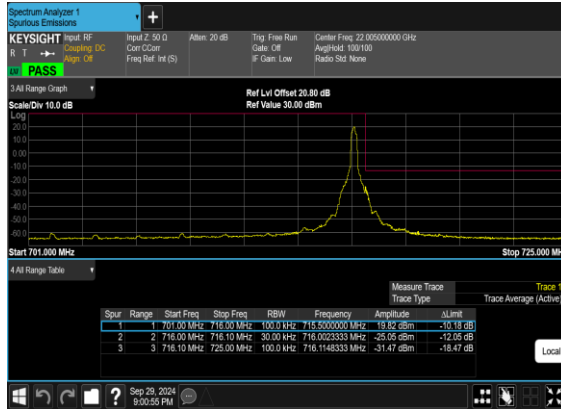
N12(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



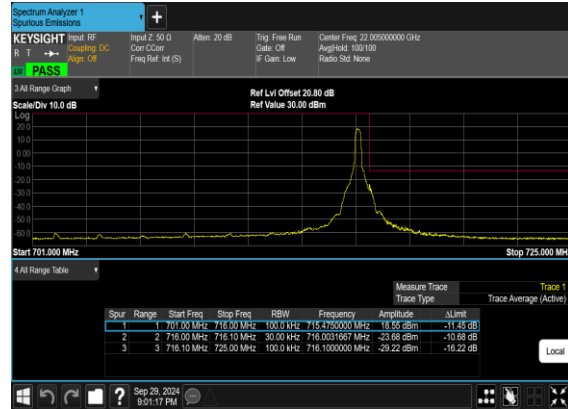
N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN12(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHN12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



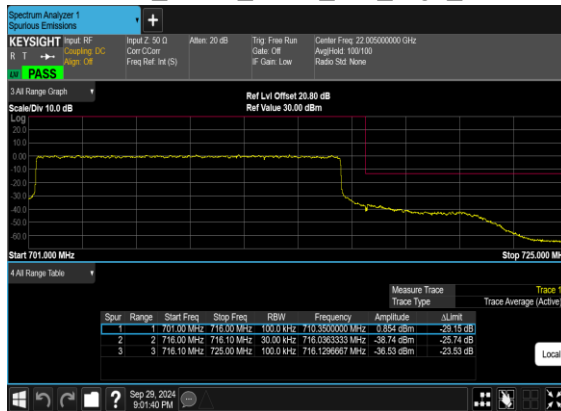
N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



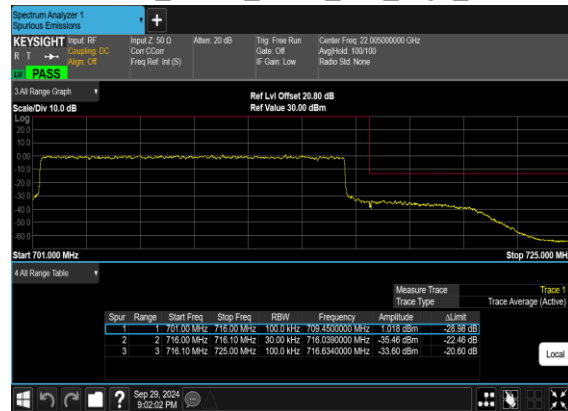
N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N12(15M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	22~23°C
		Relative Humidity :	40~42%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n7 SA / NR 50MHz / QPSK (Ant.4)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5036	-61.14	-25	-36.14	-71.35	3.03	13.24	H
	7542	-52.03	-25	-27.03	-61.48	3.56	13.01	H
	10062	-62.42	-25	-37.42	-71.94	3.92	13.44	H
	5036	-61.51	-25	-36.51	-71.72	3.03	13.24	V
	7542	-55.60	-25	-30.60	-65.05	3.56	13.01	V
	10062	-62.68	-25	-37.68	-72.20	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

DC_5A_n7A / LTE 10MHz + NR 40MHz / QPSK---Other PA (Ant.1+3)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5034	-62.95	-25	-37.95	-73.16	3.03	13.24	H
	7545	-55.50	-25	-30.50	-64.95	3.56	13.01	H
	10068	-63.03	-25	-38.03	-72.55	3.92	13.44	H
	5040	-62.96	-25	-37.96	-73.17	3.03	13.24	V
	7545	-61.36	-25	-36.36	-70.81	3.56	13.01	V
	10065	-63.17	-25	-38.17	-72.69	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



UL MIMO n7 SA / NR 50 MHz / QPSK (Ant.3+4)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5034	-60.99	-25	-35.99	-71.20	3.03	13.24	H
	7551.27	-62.00	-25	-37.00	-71.45	3.56	13.01	H
	10068.36	-61.87	-25	-36.87	-71.39	3.92	13.44	H
	5034	-62.12	-25	-37.12	-72.33	3.03	13.24	V
	7551.27	-61.83	-25	-36.83	-71.28	3.56	13.01	V
	10068	-62.24	-25	-37.24	-71.76	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n12 SA / NR 15MHz / QPSK (Ant.0)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1400	-67.46	-13	-54.46	-74.43	1.58	10.70	H
	2102.52	-62.83	-13	-49.83	-71.08	2.102	12.50	H
	2803.36	-59.37	-13	-46.37	-68.26	2.856	13.90	H
	1401.68	-66.90	-13	-53.90	-73.87	1.58	10.70	V
	2104	-61.10	-13	-48.10	-69.35	2.10	12.50	V
	2800	-58.69	-13	-45.69	-67.58	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n41 SA / NR 100MHz / QPSK (Ant.4)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-60.74	-25	-35.74	-70.95	3.03	13.24	H
	7644	-61.70	-25	-36.70	-71.15	3.56	13.01	H
	10192	-62.03	-25	-37.03	-71.55	3.92	13.44	H
	5092	-61.36	-25	-36.36	-71.57	3.03	13.24	V
	7644	-61.89	-25	-36.89	-71.34	3.56	13.01	V
	10188	-62.27	-25	-37.27	-71.79	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



DC_66A_n41A / LTE 20MHz + NR 100MHz / QPSK---Other PA (Ant.4+3)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-61.60	-25	-36.60	-71.81	3.03	13.24	H
	7644	-50.55	-25	-25.55	-60.00	3.56	13.01	H
	10192	-62.42	-25	-37.42	-71.94	3.92	13.44	H
	5096	-63.62	-25	-38.62	-73.83	3.03	13.24	V
	7644	-57.71	-25	-32.71	-67.16	3.56	13.01	V
	10185	-63.08	-25	-38.08	-72.60	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

UL MIMO n41 / NR 100MHz / QPSK (Ant.3+4)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-63.83	-25	-38.83	-74.04	3.03	13.24	H
	7644	-62.56	-25	-37.56	-72.01	3.56	13.01	H
	10192	-62.24	-25	-37.24	-71.76	3.92	13.44	H
	5096	-64.07	-25	-39.07	-74.28	3.03	13.24	V
	7644	-62.60	-25	-37.60	-72.05	3.56	13.01	V
	10188	-63.12	-25	-38.12	-72.64	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.