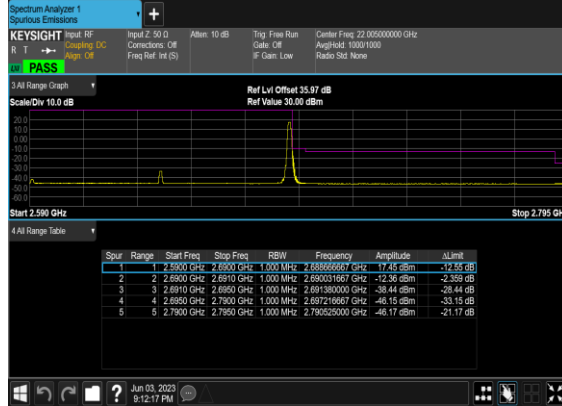
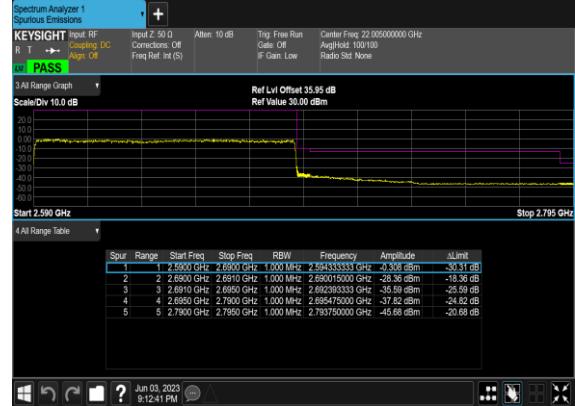


N41(100M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



N41(100M)_CP-OFDM_QPSK_Outter_Full_High_CH



N41(100M)_CP-OFDM_16 QAM_Outter_Full_High_CH



FR1 N41 UL MIMO(Ant1)

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	-0.0027	PASS	NV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0015	PASS	LV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0032	PASS	HV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	-0.0013	PASS	-30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0037	PASS	-20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0016	PASS	-10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0026	PASS	0°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0014	PASS	10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	-0.0012	PASS	20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0023	PASS	30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0021	PASS	40°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0031	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	10.55	13	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	9.63	13	PASS
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	10.83	13	PASS
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	9.7	13	PASS

N41(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



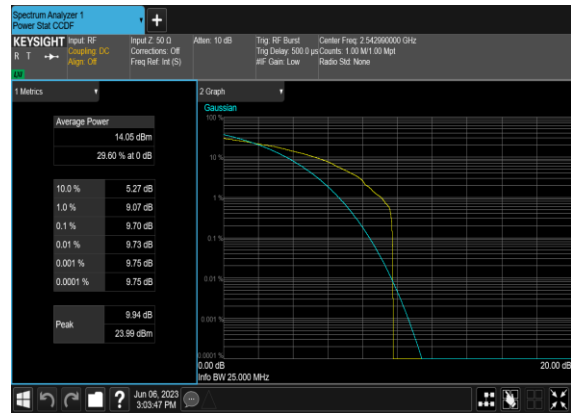
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH

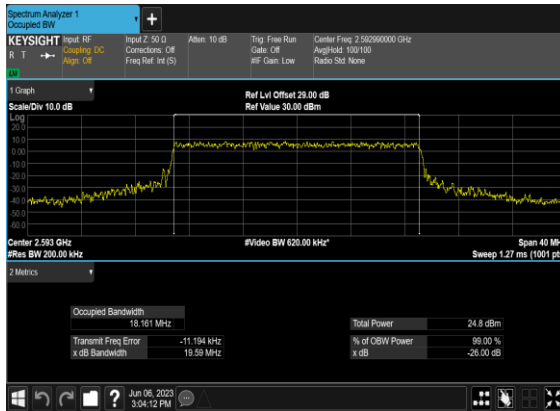


Occupied Bandwidth

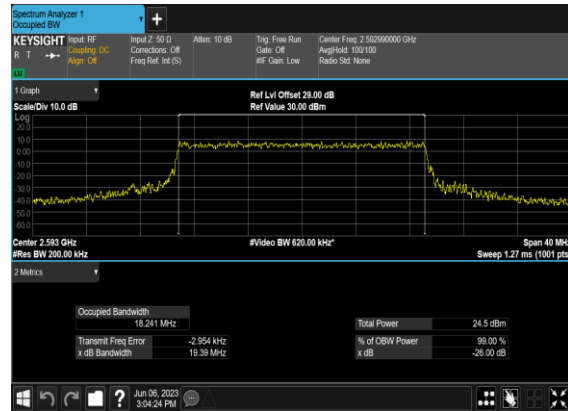
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.161	19.59
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.241	19.39
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.193	19.47
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.21	19.11
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.835	29.07
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.914	29.1
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.892	29.28
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.864	28.89
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.835	39.49
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.815	39.34
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.797	39.49
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.767	39.62
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.568	49.02
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.475	49.26
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.389	49.53
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.399	49.11
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.833	60.08
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.84	59.78
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.741	59.72
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.938	60.07
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.571	69.73
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.382	69.53
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.489	69.82
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.62	69.56
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.639	80.04
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.543	80.09

41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.517	79.76
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.464	79.93
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.594	90.18
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.369	90.42
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.236	90.15
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.614	90.33
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.639	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.748	100.5
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.635	100.6
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.573	100.4

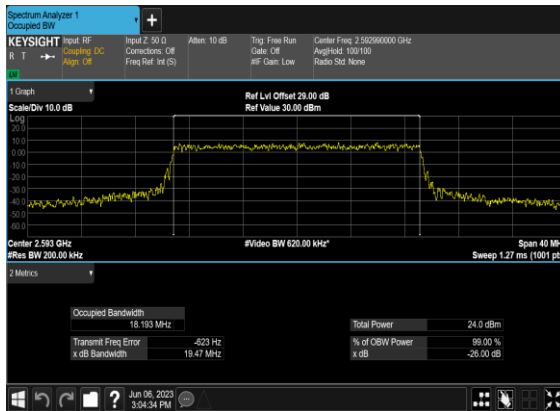
N41(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



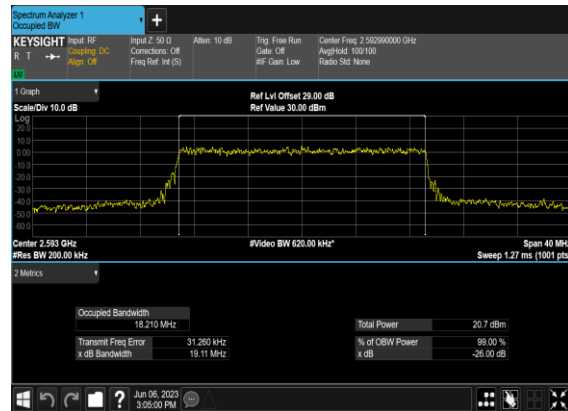
N41(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



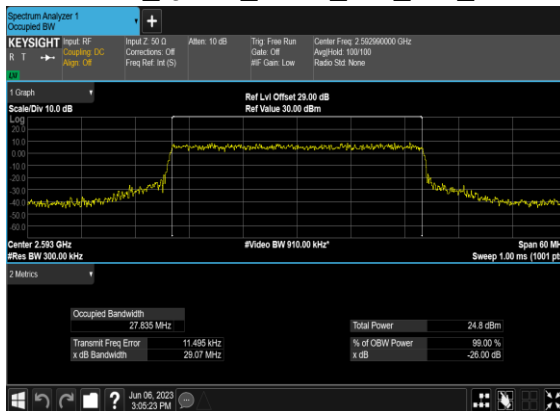
N41(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



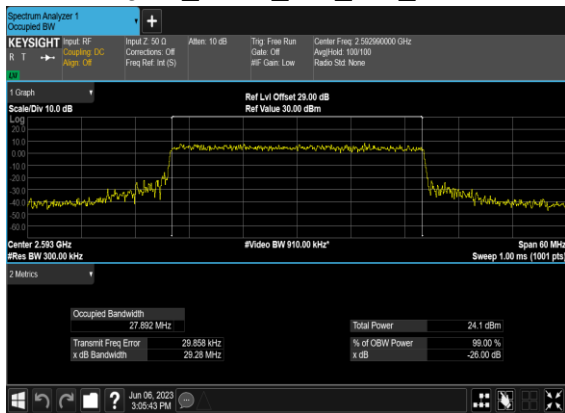
N41(30M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



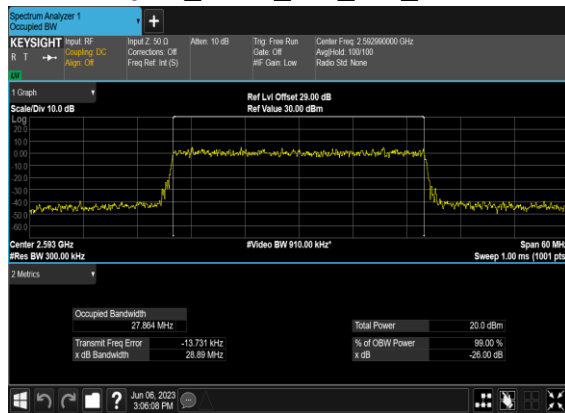
N41(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



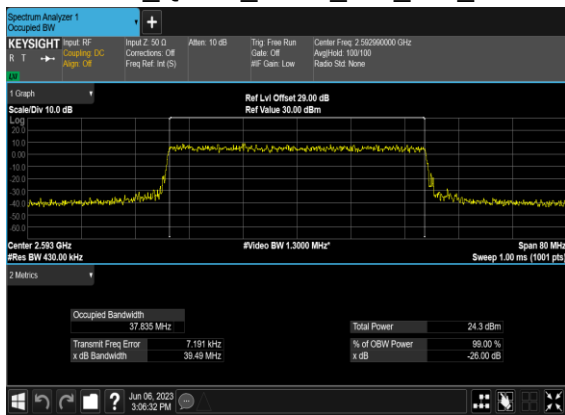
N41(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



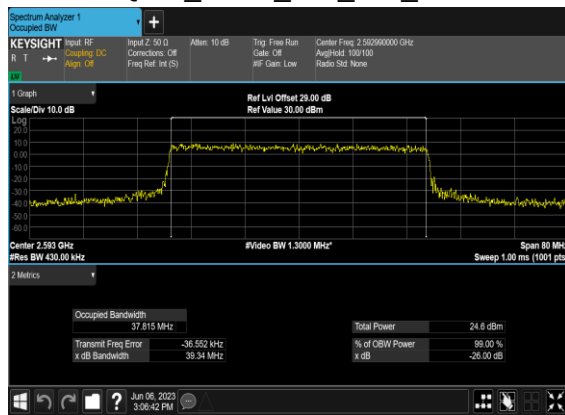
N41(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



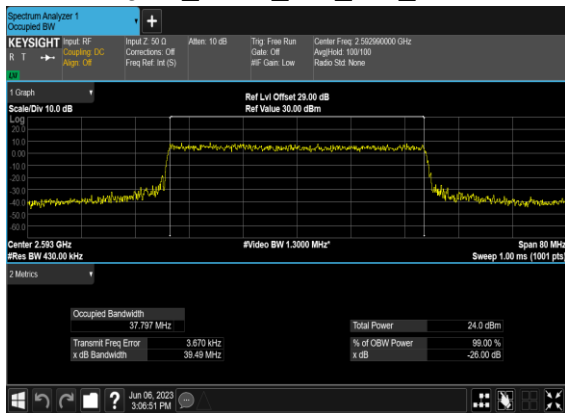
N41(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



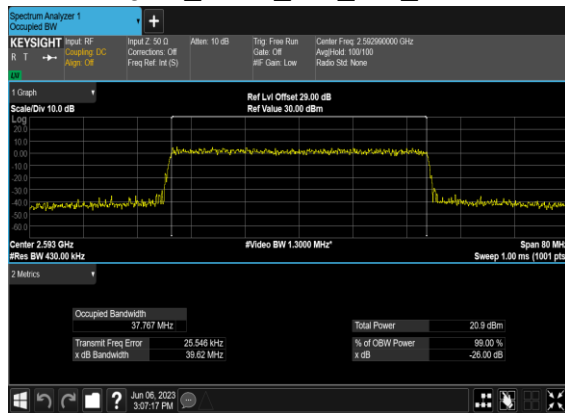
N41(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



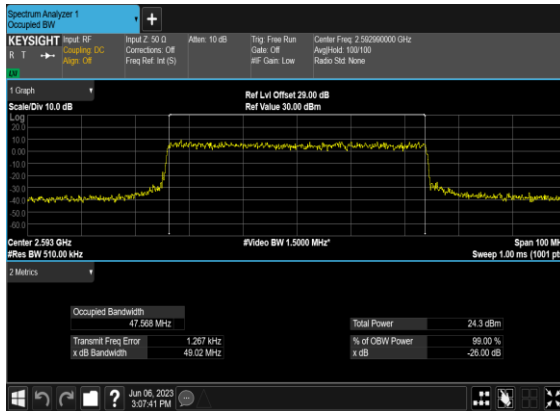
N41(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



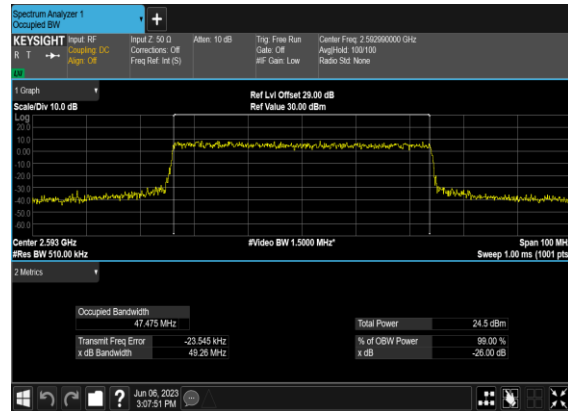
N41(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



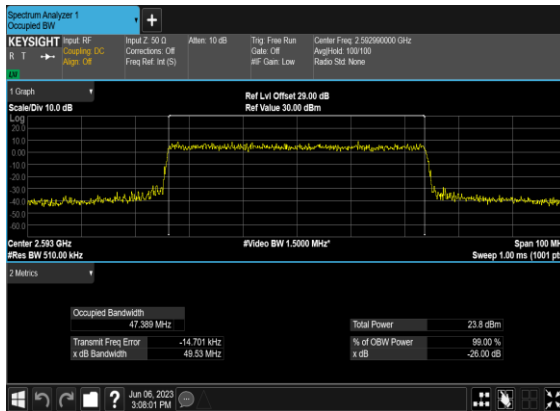
N41(50M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



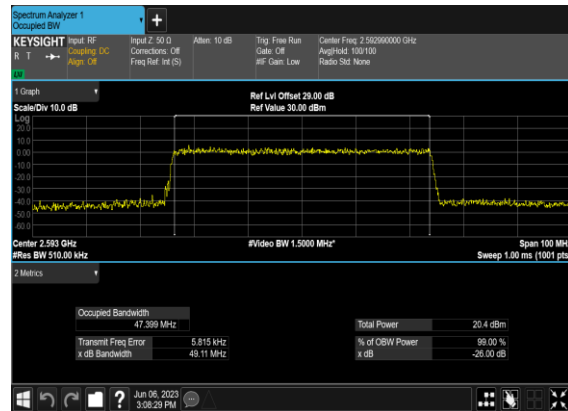
N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



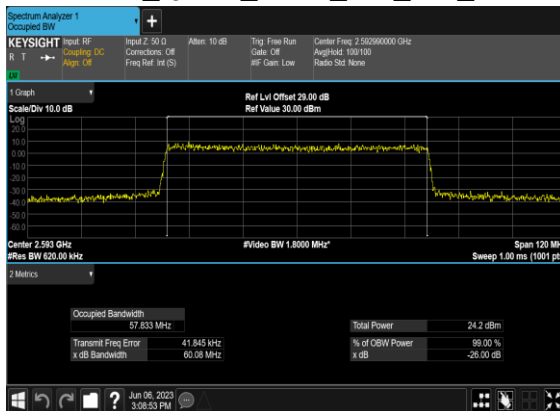
N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



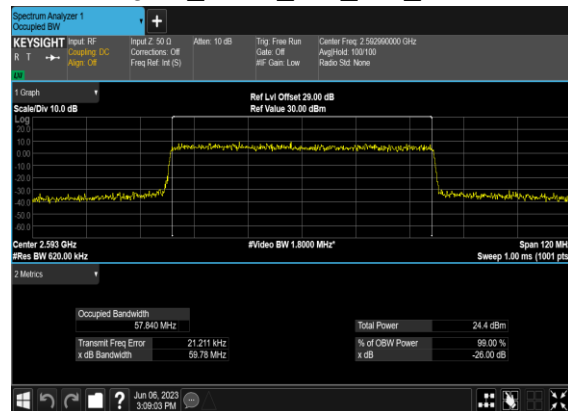
N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N41(60M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



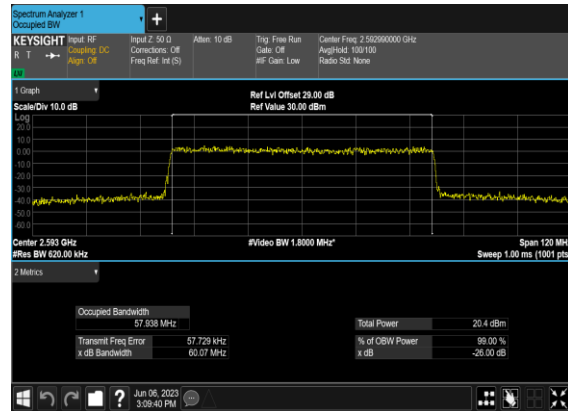
N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



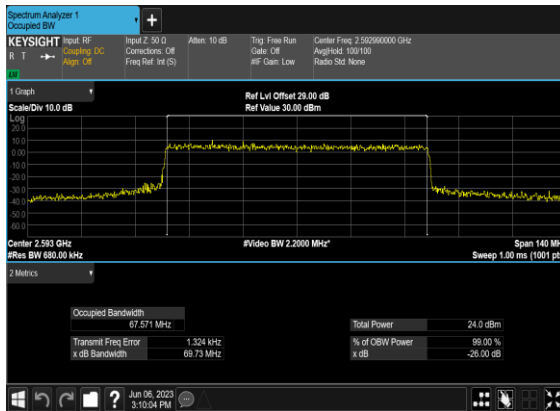
N41(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



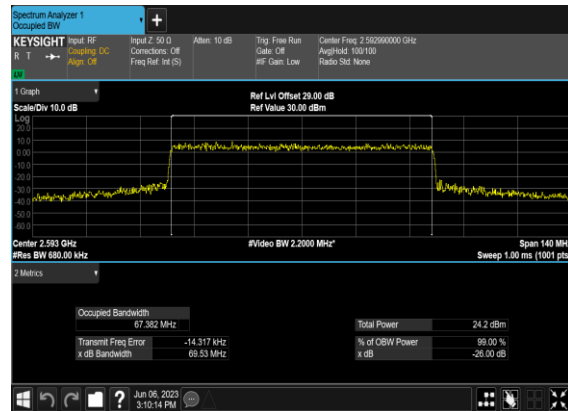
N41(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



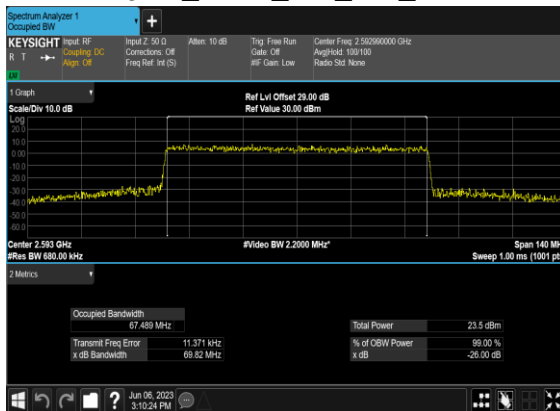
N41(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



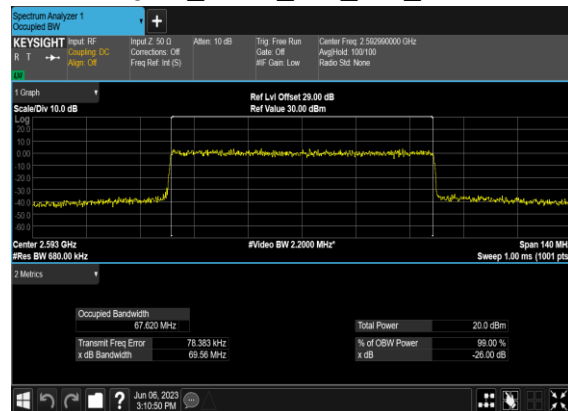
N41(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



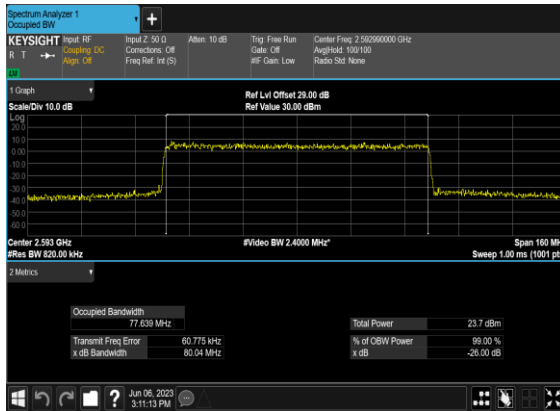
N41(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



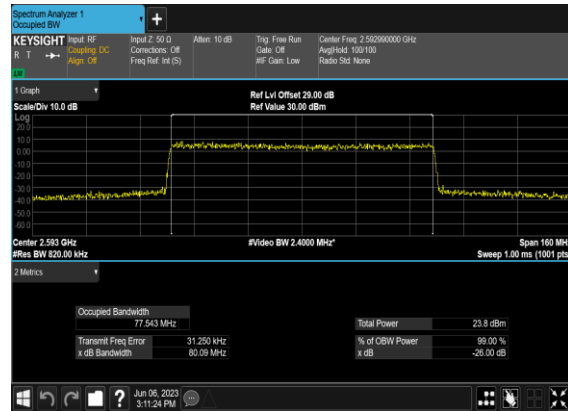
N41(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



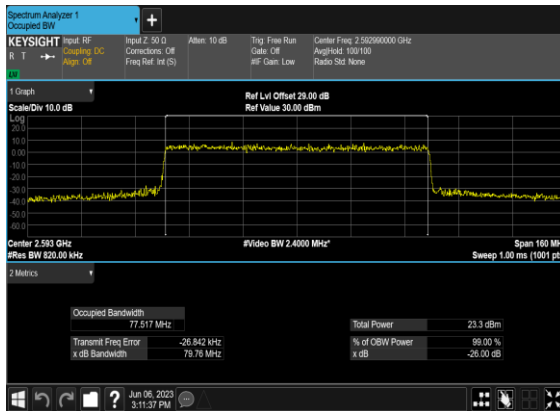
N41(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



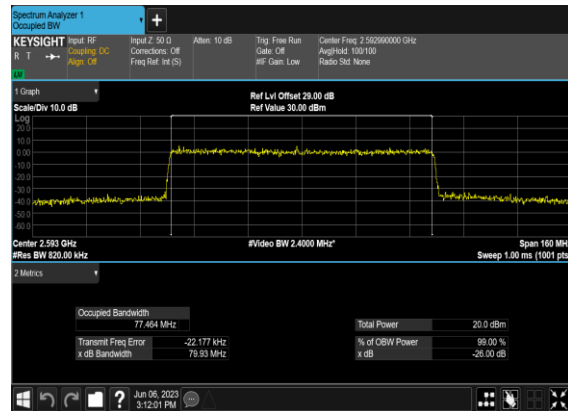
N41(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



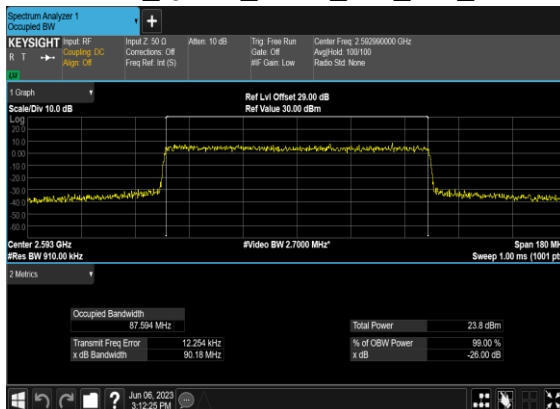
N41(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



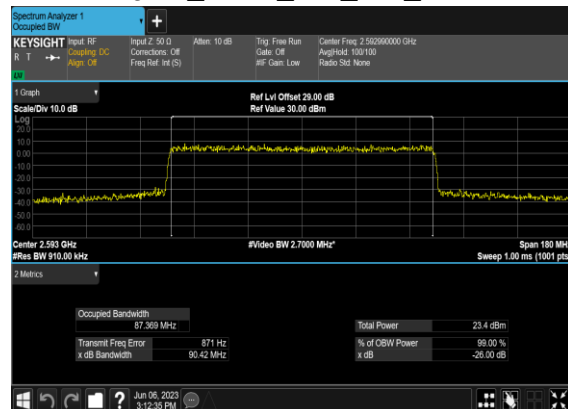
N41(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



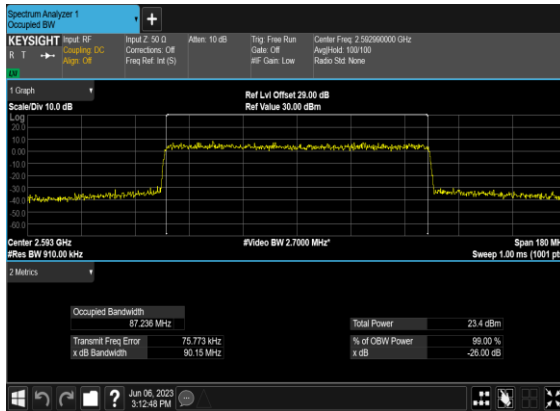
N41(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



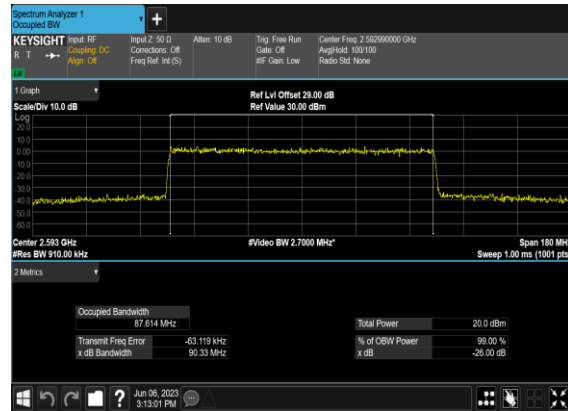
N41(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



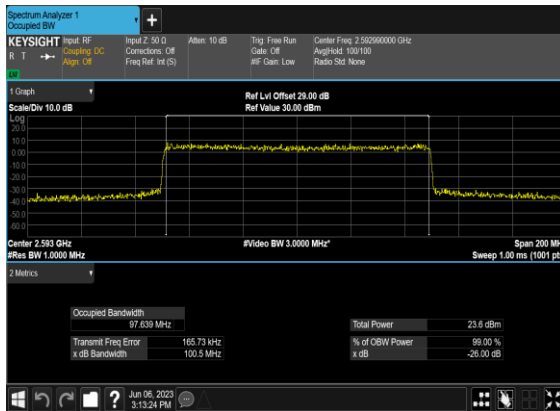
N41(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



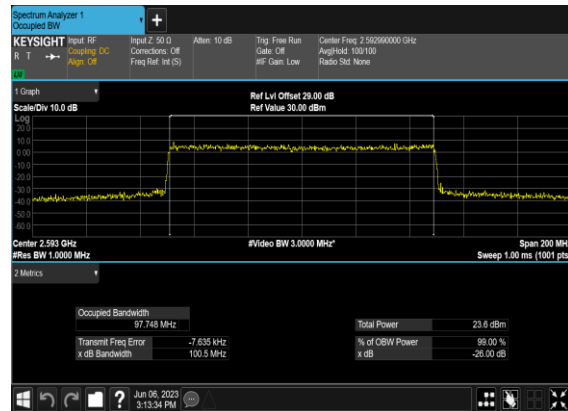
N41(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



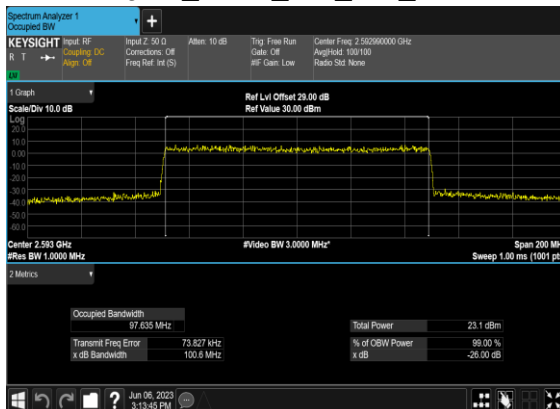
N41(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



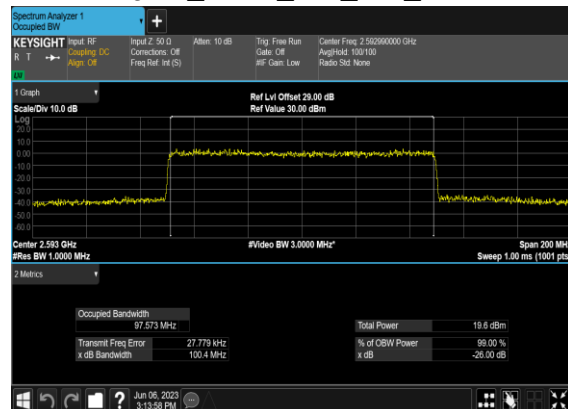
N41(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



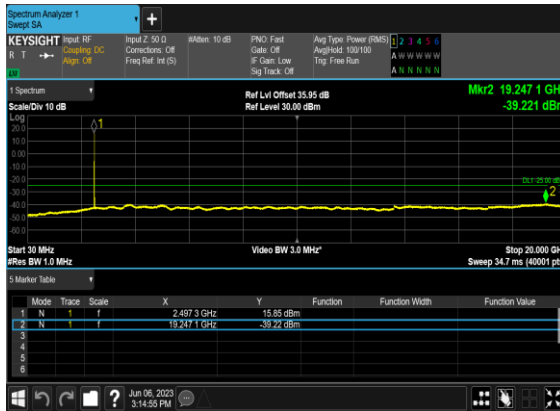
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	see graph	---
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	CP-OFDM 16 QAM	1@0	see graph	---
41	30	20	501204	2506.02	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	20	501204	2506.02	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	20	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	---
41	30	20	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	20	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	20	535998	2679.99	CP-OFDM QPSK	1@0	see graph	---
41	30	20	535998	2679.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	20	535998	2679.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	20	535998	2679.99	CP-OFDM 16 QAM	1@0	see graph	---
41	30	20	535998	2679.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	20	535998	2679.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	---
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	---

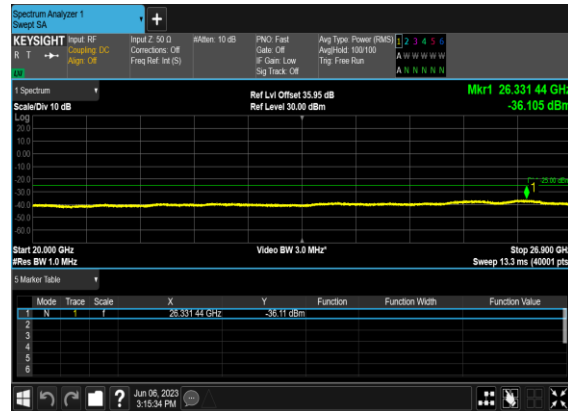
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	---
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	---
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@0	see graph	---
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	---
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	---
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	---
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS

41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	---
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@0	see graph	---
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@0	see graph	PASS

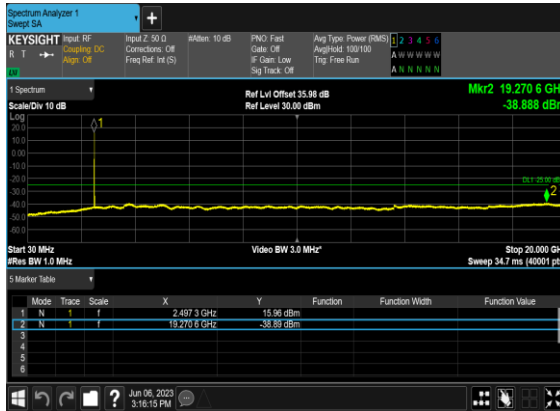
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



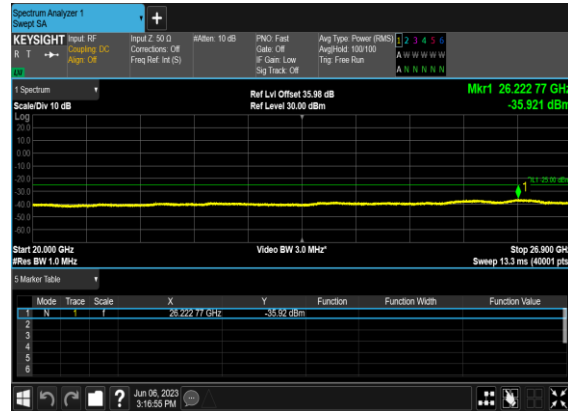
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



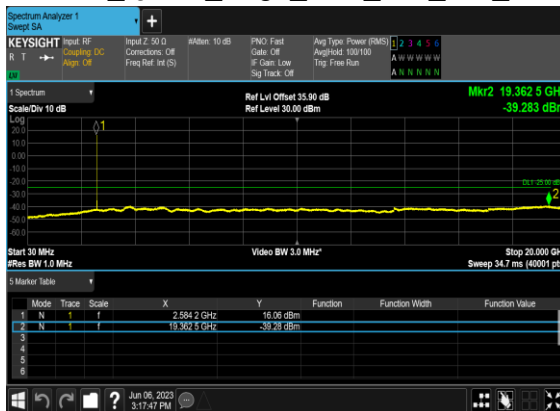
N41(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



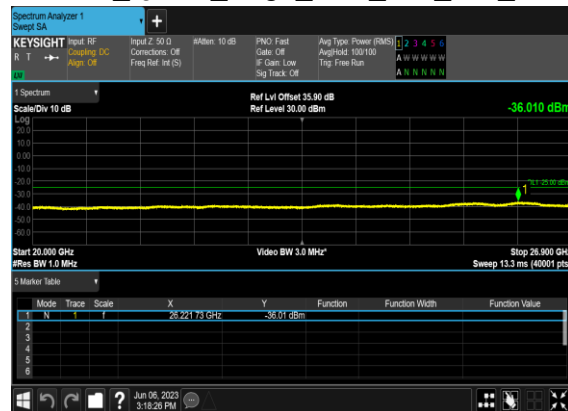
N41(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



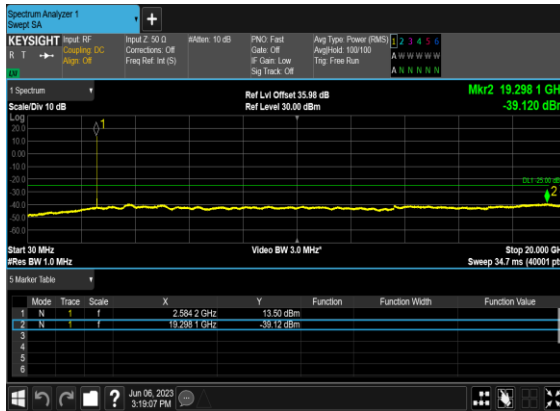
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



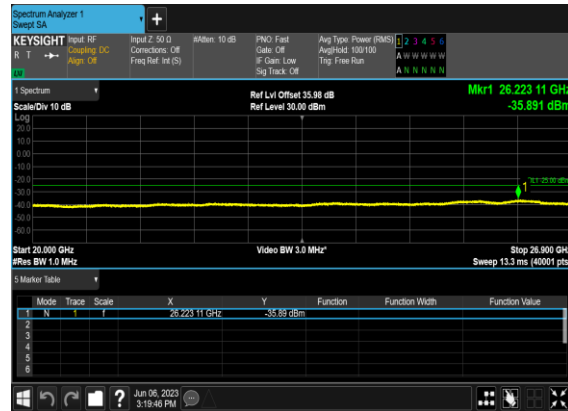
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



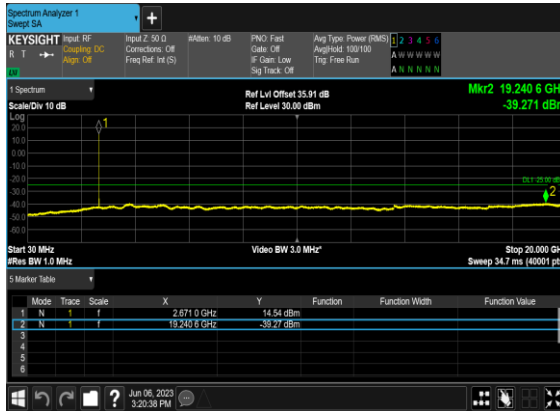
N41(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



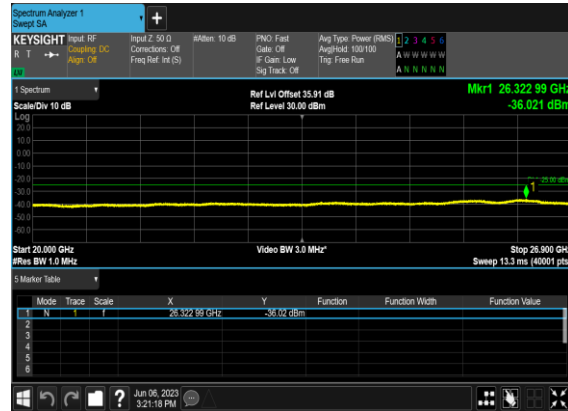
N41(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



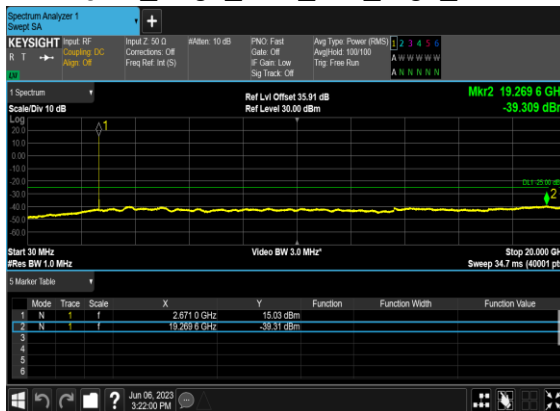
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



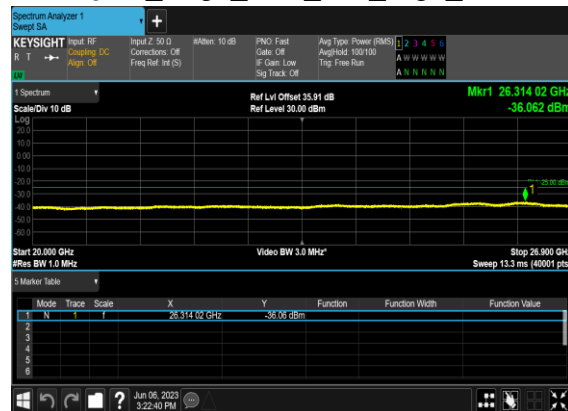
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



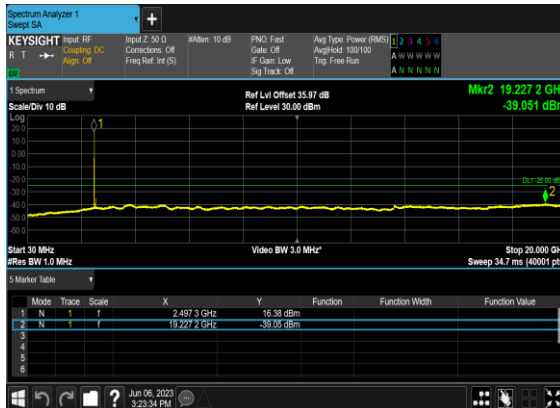
N41(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



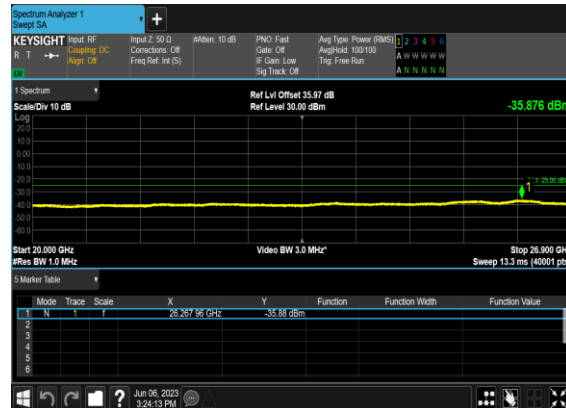
N41(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



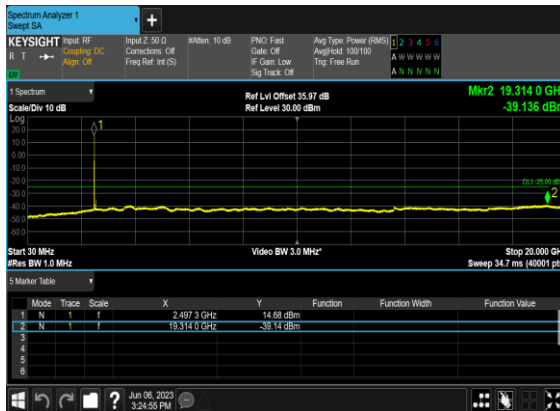
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



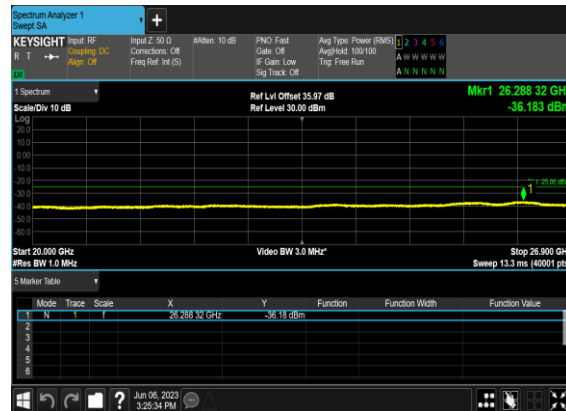
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



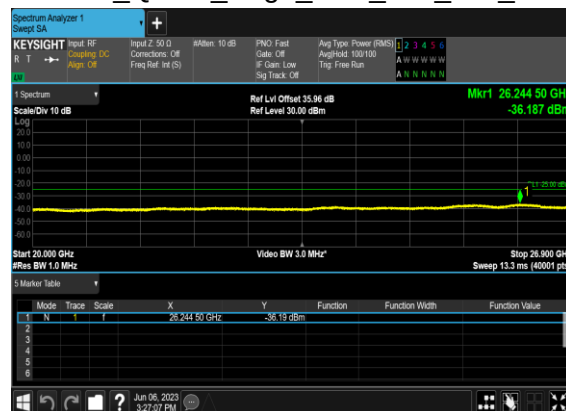
N41(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



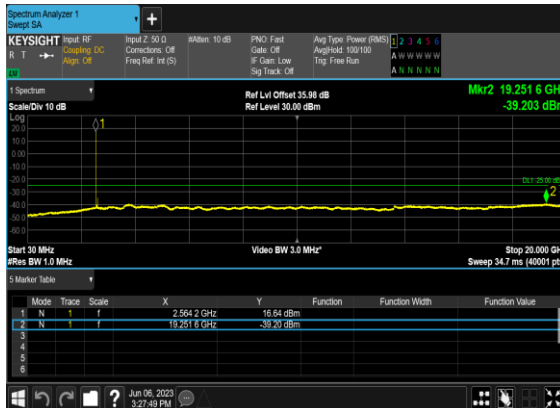
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



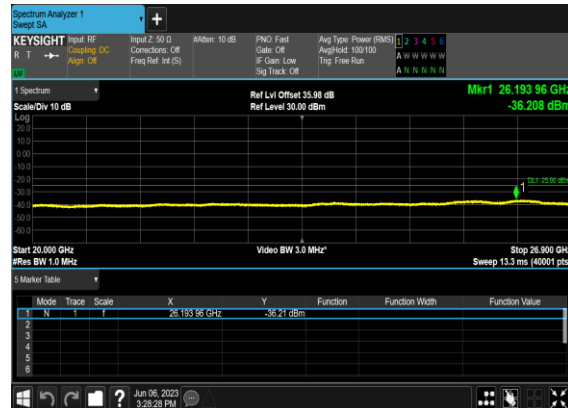
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



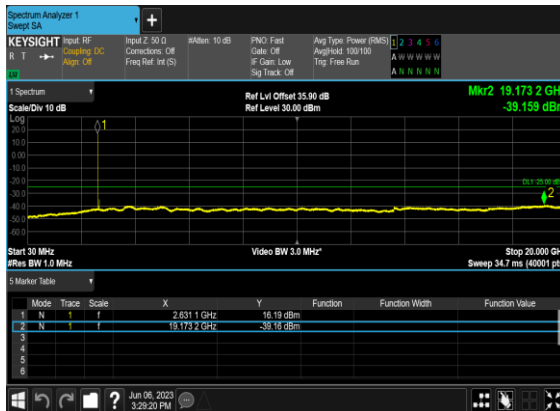
N41(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



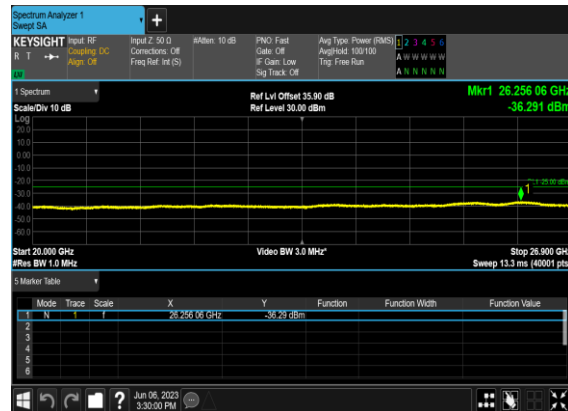
N41(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



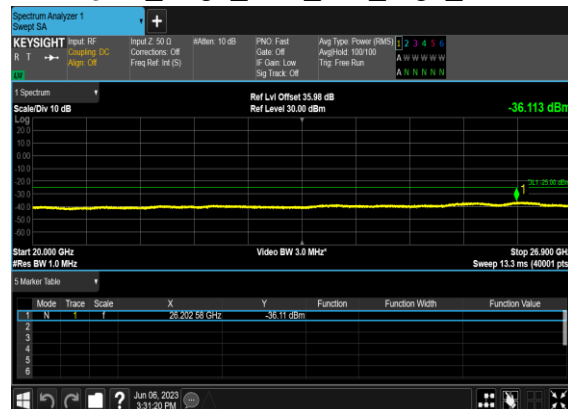
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



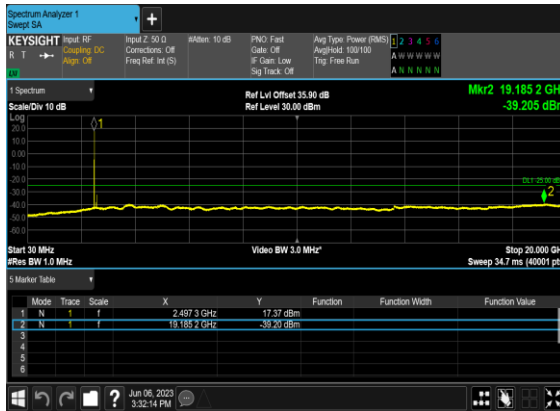
N41(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



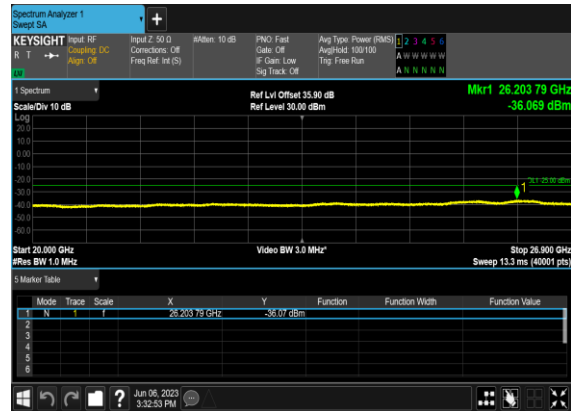
N41(60M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



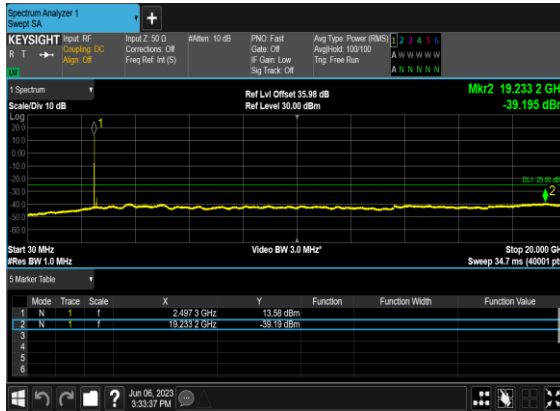
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



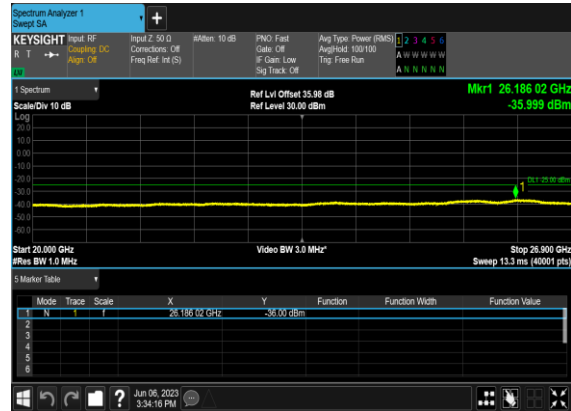
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



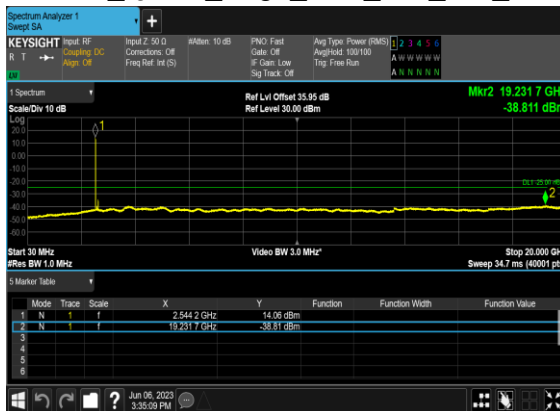
N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



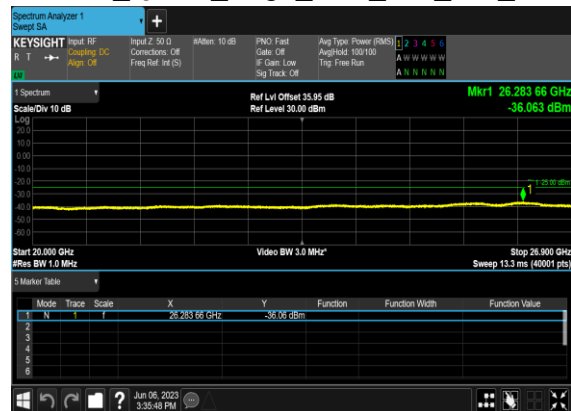
N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



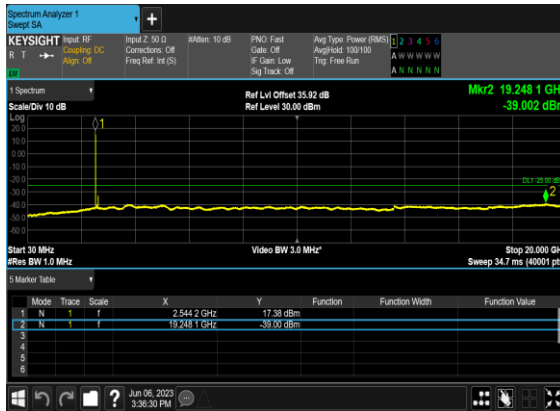
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



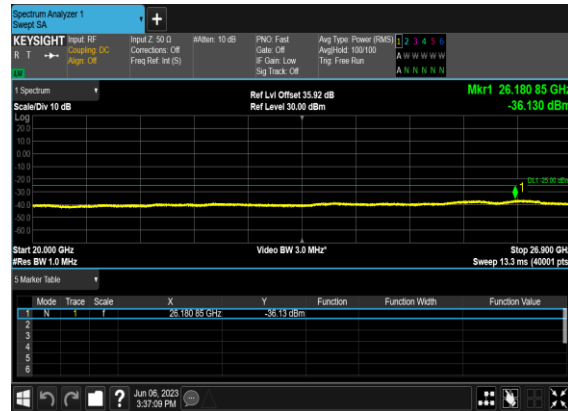
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



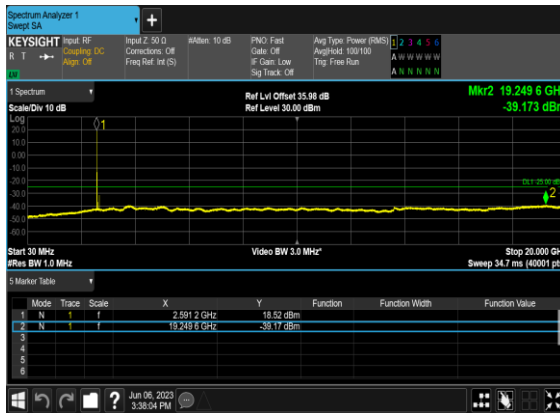
N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



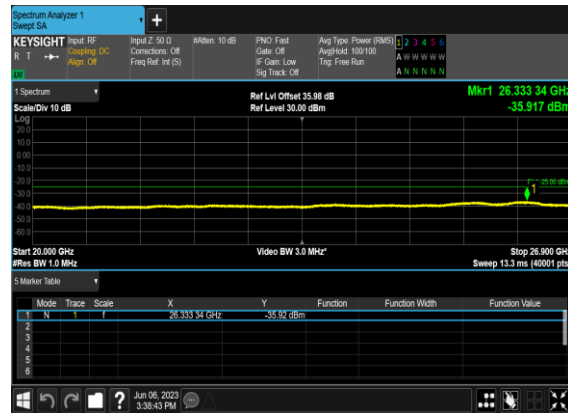
N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



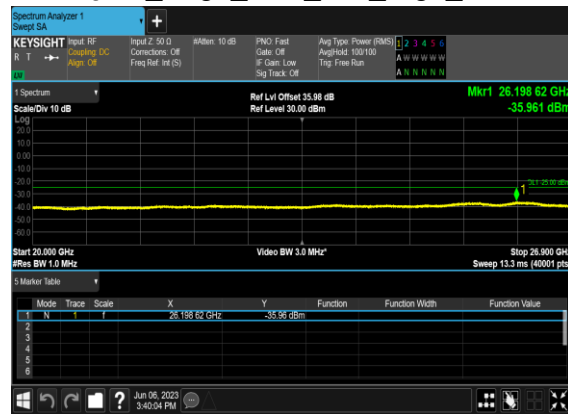
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



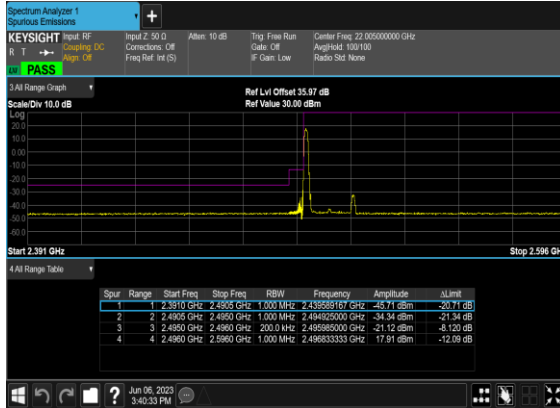
N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



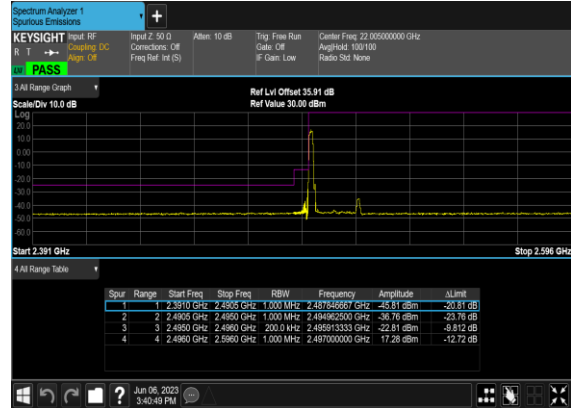
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	20	501204	2506.02	CP-OFDM QPSK	51@0	see graph	PASS
41	30	20	501204	2506.02	CP-OFDM 16 QAM	51@0	see graph	PASS
41	30	20	535998	2679.99	CP-OFDM QPSK	1@50	see graph	PASS
41	30	20	535998	2679.99	CP-OFDM 16 QAM	1@50	see graph	PASS
41	30	20	535998	2679.99	CP-OFDM QPSK	51@0	see graph	PASS
41	30	20	535998	2679.99	CP-OFDM 16 QAM	51@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM QPSK	162@0	see graph	PASS
41	30	60	505200	2526.0	CP-OFDM 16 QAM	162@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM QPSK	1@161	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM 16 QAM	1@161	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM QPSK	162@0	see graph	PASS
41	30	60	531996	2659.98	CP-OFDM 16 QAM	162@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	273@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM 16 QAM	273@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM 16 QAM	1@272	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	273@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM 16 QAM	273@0	see graph	PASS

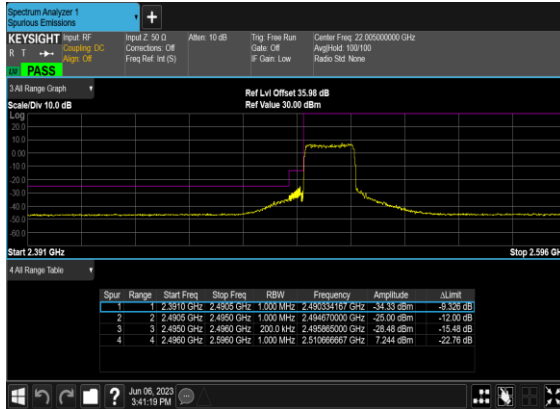
N41(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



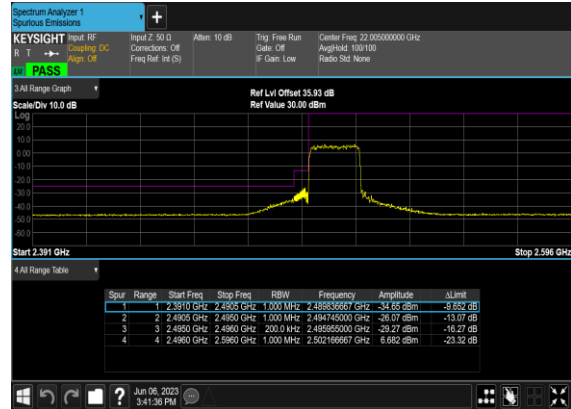
N41(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



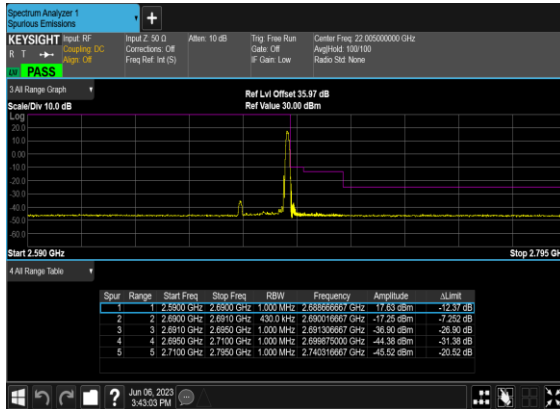
N41(20M)_CP- OFDM_QPSK_Outer_Full_Low_CH



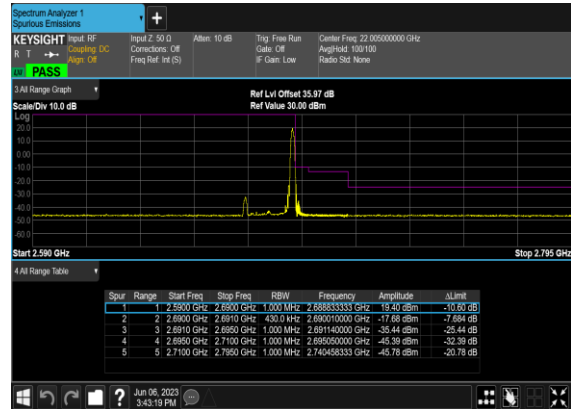
N41(20M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



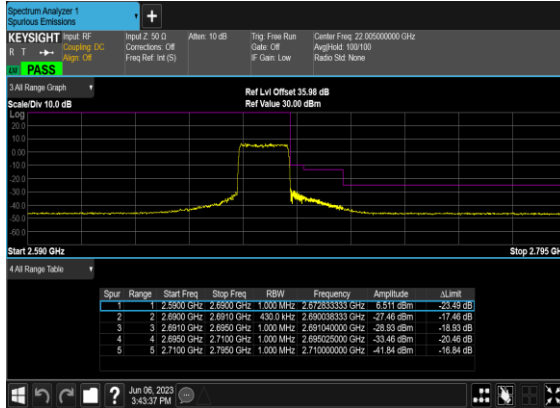
N41(20M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



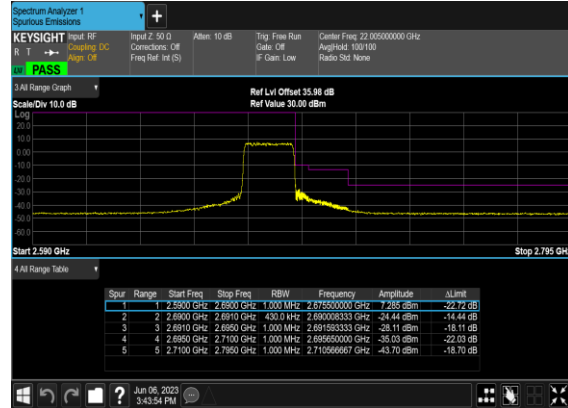
N41(20M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



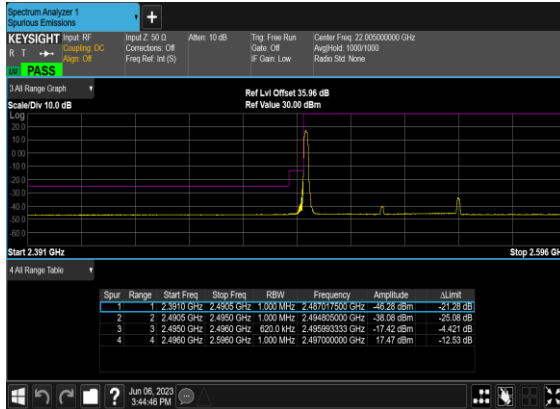
N41(20M)_CP- OFDM_QPSK_Outer_Full_High_CH



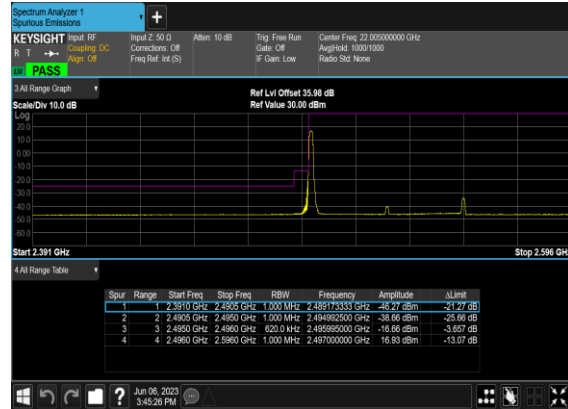
N41(20M)_CP-OFDM_16 QAM_Outer_Full_High_CH



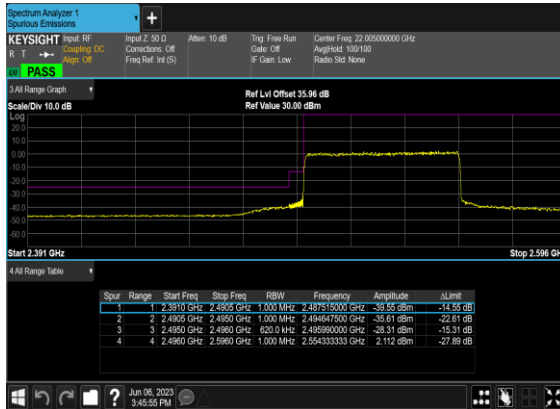
N41(60M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



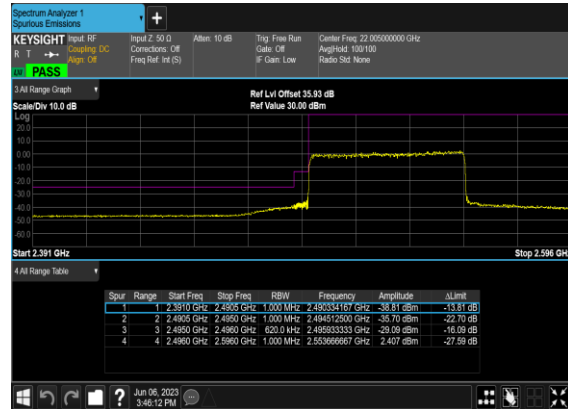
N41(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



N41(60M)_CP- OFDM_QPSK_Outer_Full_Low_CH



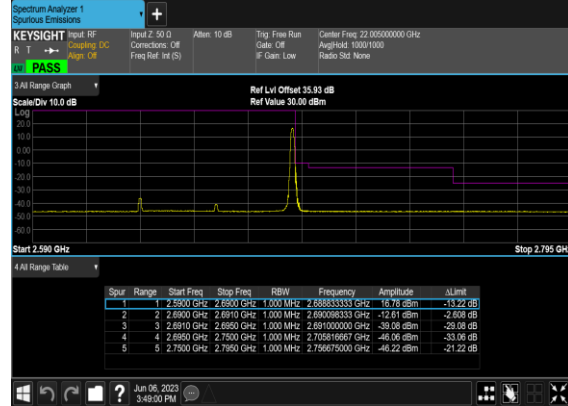
N41(60M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



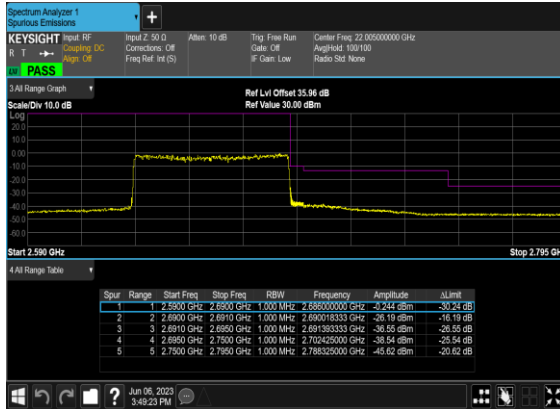
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



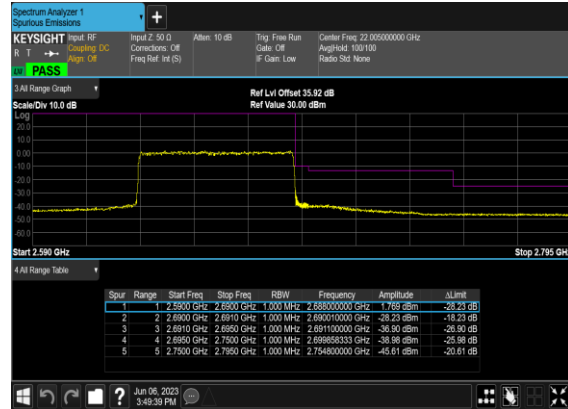
N41(60M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH



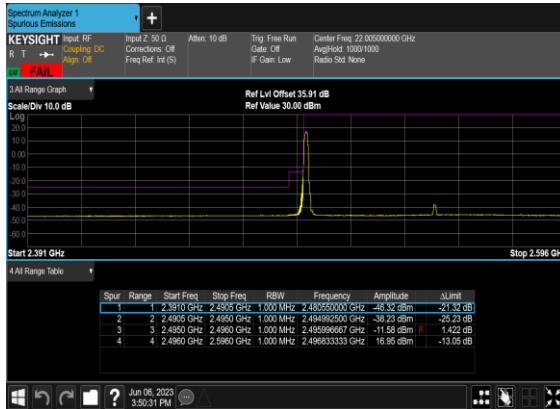
N41(60M)_CP-OFDM_QPSK_Outer_Full_High_CH



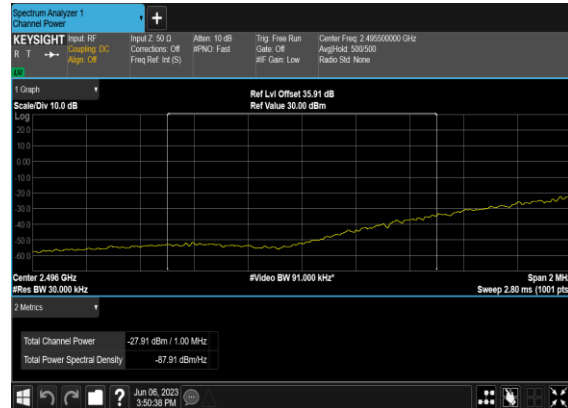
N41(60M)_CP-OFDM_16QAM_Outer_Full_High_CH



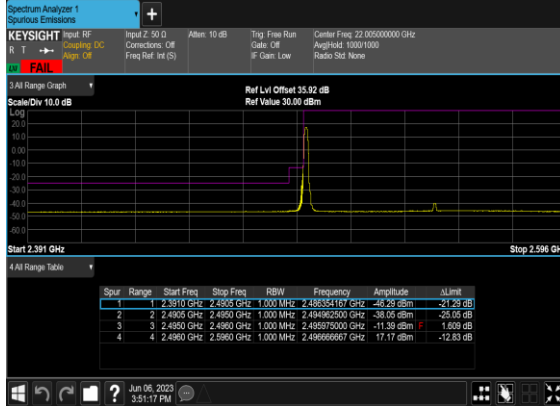
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



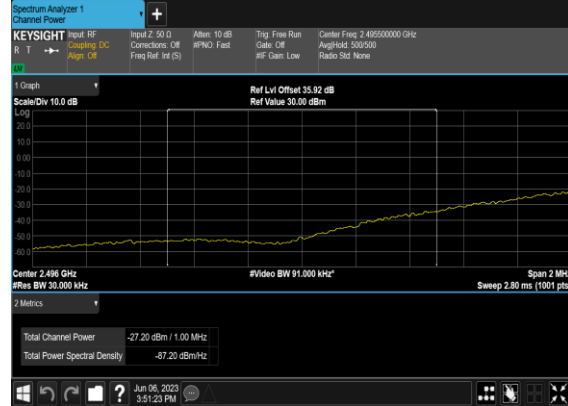
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_chp_PASS



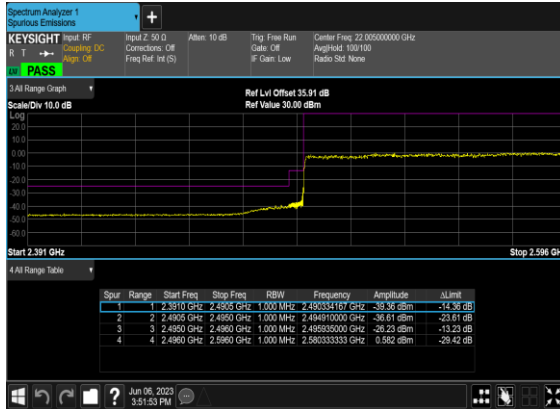
N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



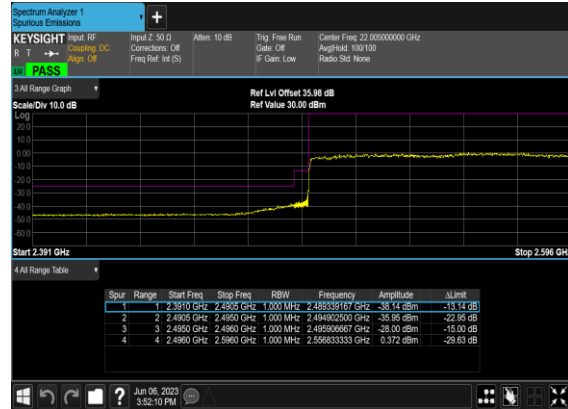
N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH_CHP_PASS



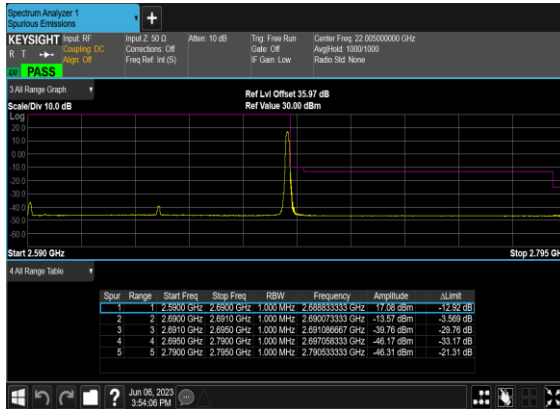
N41(100M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



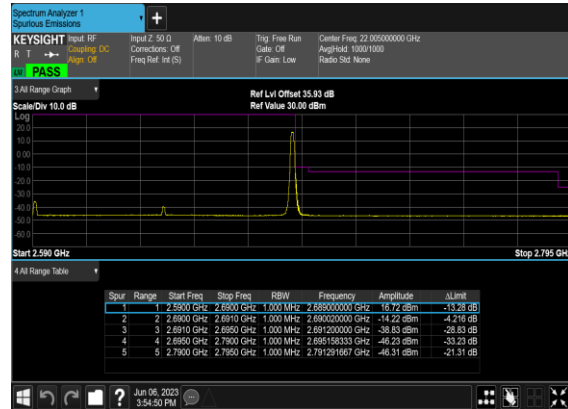
N41(100M)_CP-OFDM_16
QAM_Outer_Full_Low_CH



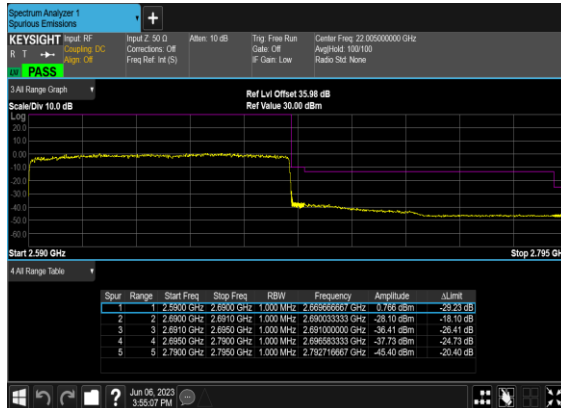
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



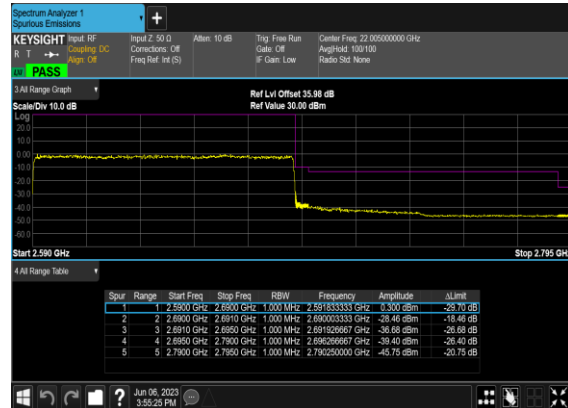
N41(100M)_CP-OFDM_16
QAM_Edge_1RB_Right_High_CH



N41(100M)_CP- OFDM_QPSK_Outer_Full_High_CH



N41(100M)_CP-OFDM_16 QAM_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	23~25°C
		Relative Humidity :	41~42%

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

SA n41 / NR 100MHz / QPSK / ANT2(NR)								
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)
Lowest	5004	-61.90	-25	-36.90	-72.11	3.03	13.24	H
	7492	-54.46	-25	-29.46	-63.91	3.56	13.01	H
	10000	-53.29	-25	-28.29	-62.81	3.92	13.44	H
	5004	-61.32	-25	-36.32	-71.53	3.03	13.24	V
	7492	-53.48	-25	-28.48	-62.93	3.56	13.01	V
	10000	-53.51	-25	-28.51	-63.03	3.92	13.44	V
Middle	5096	-61.37	-25	-36.37	-71.58	3.03	13.24	H
	7632	-53.60	-25	-28.60	-63.05	3.56	13.01	H
	10190	-52.32	-25	-27.32	-61.84	3.92	13.44	H
	5096	-61.71	-25	-36.71	-71.92	3.03	13.24	V
	7632	-48.81	-25	-23.81	-58.26	3.56	13.01	V
	10190	-52.90	-25	-27.90	-62.42	3.92	13.44	V
Highest	5192	-61.42	-25	-36.42	-71.63	3.03	13.24	H
	7772	-55.72	-25	-30.72	-65.17	3.56	13.01	H
	10380	-51.63	-25	-26.63	-61.15	3.92	13.44	H
	5192	-61.54	-25	-36.54	-71.75	3.03	13.24	V
	7772	-53.75	-25	-28.75	-63.20	3.56	13.01	V
	10380	-51.87	-25	-26.87	-61.39	3.92	13.44	V

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



EN-DC 2A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT2NR								
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)
Lowest	5004	-61.49	-25	-36.49	-71.70	3.03	13.24	H
	7492	-55.51	-25	-30.51	-64.96	3.56	13.01	H
	10000	-52.88	-25	-27.88	-62.40	3.92	13.44	H
	5004	-61.41	-25	-36.41	-71.62	3.03	13.24	V
	7492	-57.75	-25	-32.75	-67.20	3.56	13.01	V
	10000	-52.79	-25	-27.79	-62.31	3.92	13.44	V
Middle	5096	-61.19	-25	-36.19	-71.40	3.03	13.24	H
	7644	-57.07	-25	-32.07	-66.52	3.56	13.01	H
	10190	-51.81	-25	-26.81	-61.33	3.92	13.44	H
	5096	-61.44	-25	-36.44	-71.65	3.03	13.24	V
	7644	-57.49	-25	-32.49	-66.94	3.56	13.01	V
	10190	-51.67	-25	-26.67	-61.19	3.92	13.44	V
Highest	5192	-61.03	-25	-36.03	-71.24	3.03	13.24	H
	7776	-54.67	-25	-29.67	-64.12	3.56	13.01	H
	10380	-51.32	-25	-26.32	-60.84	3.92	13.44	H
	5192	-61.24	-25	-36.24	-71.45	3.03	13.24	V
	7776	-56.39	-25	-31.39	-65.84	3.56	13.01	V
	10380	-51.89	-25	-26.89	-61.41	3.92	13.44	V

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

EN-DC 26A_n41A / LTE 10MHz + NR 100MHz / QPSK / ANT0(LTE) & ANT2NR								
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)
Lowest	4996	-61.39	-25	-36.39	-71.60	3.03	13.24	H
	7492	-54.63	-25	-29.63	-64.08	3.56	13.01	H
	10000	-53.29	-25	-28.29	-62.81	3.92	13.44	H
	4996	-59.41	-25	-34.41	-69.62	3.03	13.24	V
	7492	-49.90	-25	-24.90	-59.35	3.56	13.01	V
	10000	-53.10	-25	-28.10	-62.62	3.92	13.44	V
Middle	5088	-61.18	-25	-36.18	-71.39	3.03	13.24	H
	7632	-54.80	-25	-29.80	-64.25	3.56	13.01	H
	10190	-51.77	-25	-26.77	-61.29	3.92	13.44	H
	5088	-58.78	-25	-33.78	-68.99	3.03	13.24	V
	7632	-48.67	-25	-23.67	-58.12	3.56	13.01	V
	10190	-52.24	-25	-27.24	-61.76	3.92	13.44	V
Highest	5192	-60.99	-25	-35.99	-71.20	3.03	13.24	H
	7776	-54.18	-25	-29.18	-63.63	3.56	13.01	H
	10380	-51.42	-25	-26.42	-60.94	3.92	13.44	H
	5192	-61.04	-25	-36.04	-71.25	3.03	13.24	V
	7772	-52.01	-25	-27.01	-61.46	3.56	13.01	V
	10380	-51.32	-25	-26.32	-60.84	3.92	13.44	V

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



n41 UL MIMO / NR 100MHz+100MHz / QPSK / ANT3+1(NR)								
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)
Lowest	5004	-61.52	-25	-36.52	-71.73	3.03	13.24	H
	7492	-46.07	-25	-21.07	-55.52	3.56	13.01	H
	10000	-53.07	-25	-28.07	-62.59	3.92	13.44	H
	5004	-61.33	-25	-36.33	-71.54	3.03	13.24	V
	7492	-54.30	-25	-29.30	-63.75	3.56	13.01	V
	10000	-53.28	-25	-28.28	-62.80	3.92	13.44	V
Middle	5096	-61.34	-25	-36.34	-71.55	3.03	13.24	H
	7632	-55.68	-25	-30.68	-65.13	3.56	13.01	H
	10190	-52.21	-25	-27.21	-61.73	3.92	13.44	H
	5096	-61.45	-25	-36.45	-71.66	3.03	13.24	V
	7632	-53.87	-25	-28.87	-63.32	3.56	13.01	V
	10190	-51.56	-25	-26.56	-61.08	3.92	13.44	V
Highest	5192	-60.97	-25	-35.97	-71.18	3.03	13.24	H
	7784	-56.43	-25	-31.43	-65.88	3.56	13.01	H
	10380	-51.68	-25	-26.68	-61.20	3.92	13.44	H
	5192	-61.27	-25	-36.27	-71.48	3.03	13.24	V
	7784	-56.77	-25	-31.77	-66.22	3.56	13.01	V
	10380	-51.78	-25	-26.78	-61.30	3.92	13.44	V

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