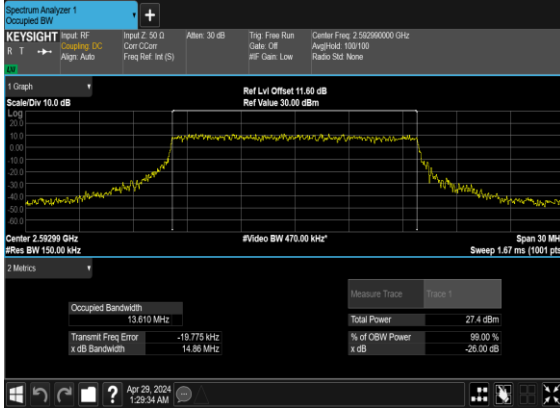
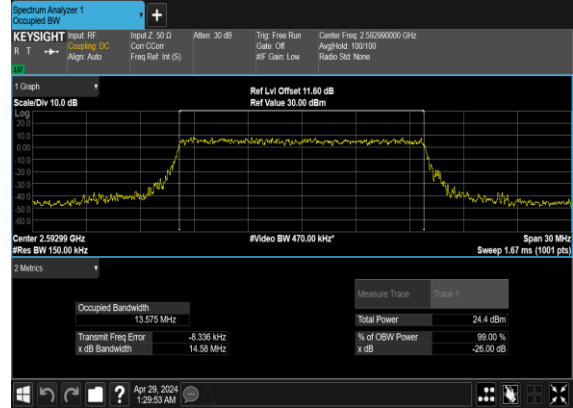


N41(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



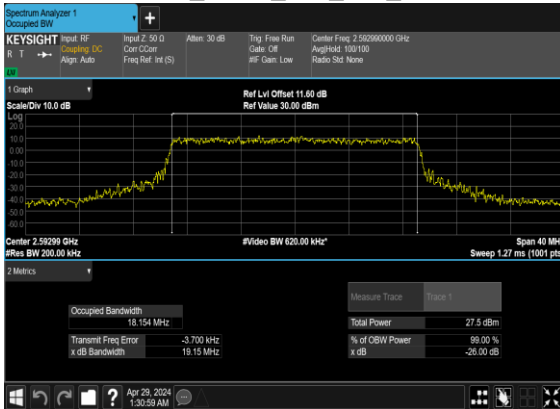
N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



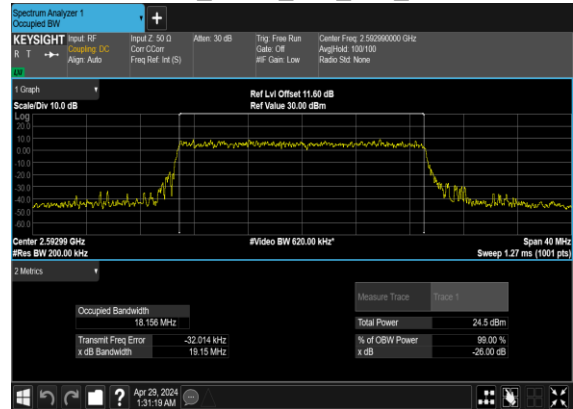
N41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



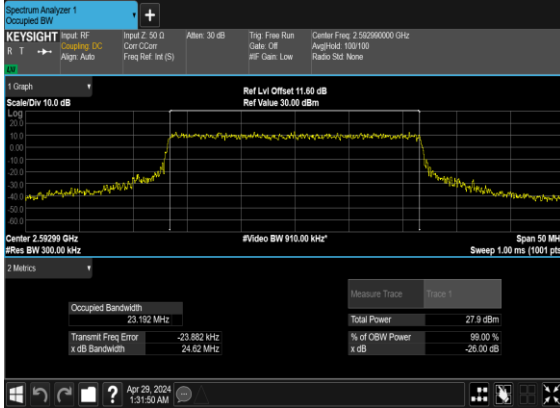
N41(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N41(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



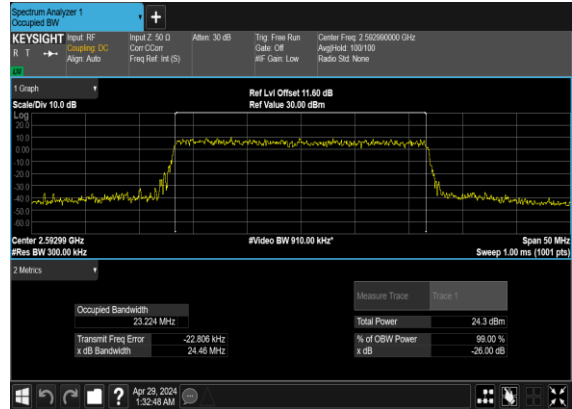
N41(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(25M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



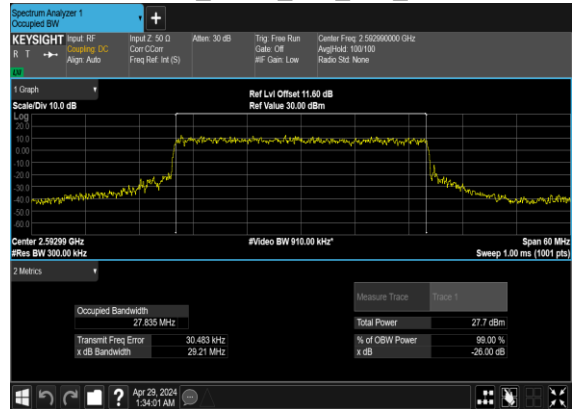
N41(25M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



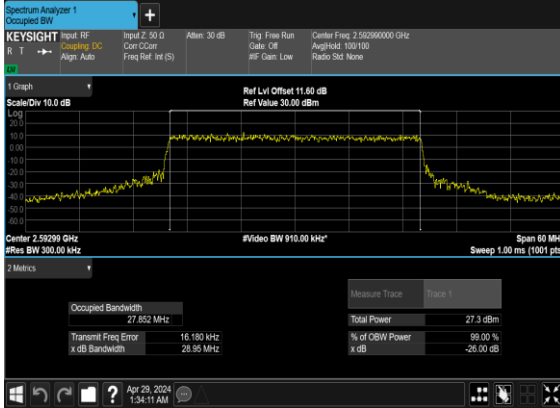
N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



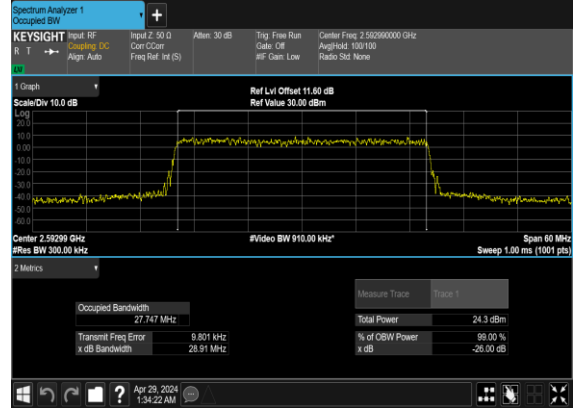
N41(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



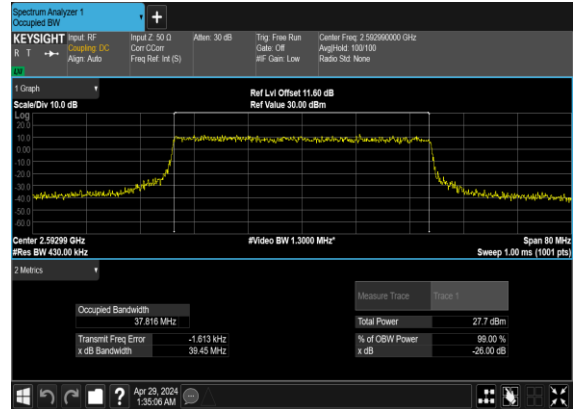
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



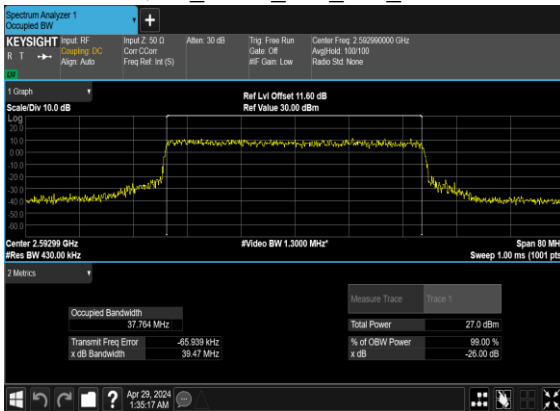
N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



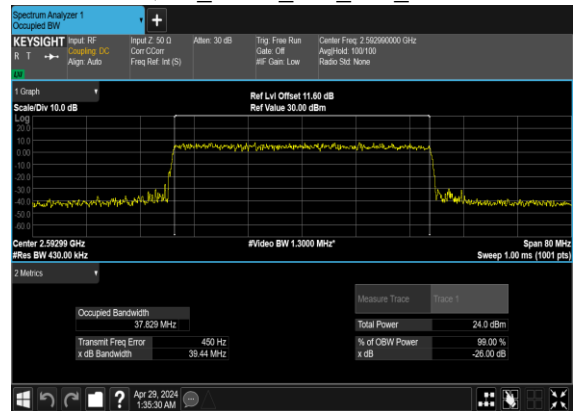
N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



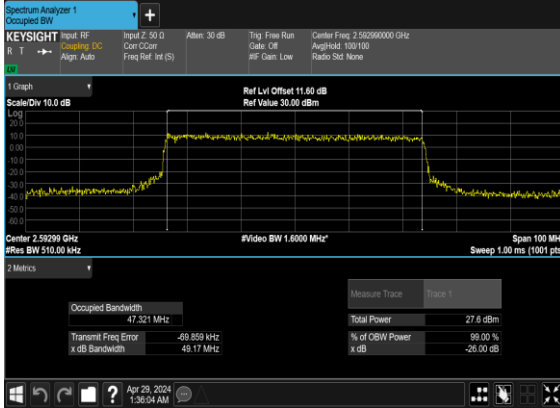
N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



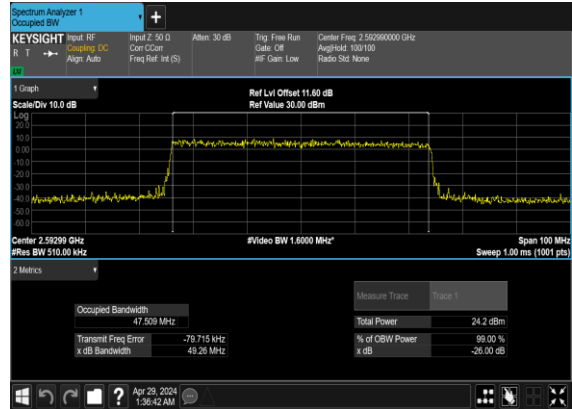
N41(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



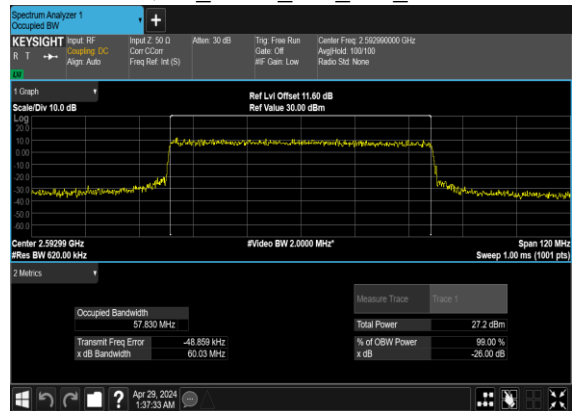
N41(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



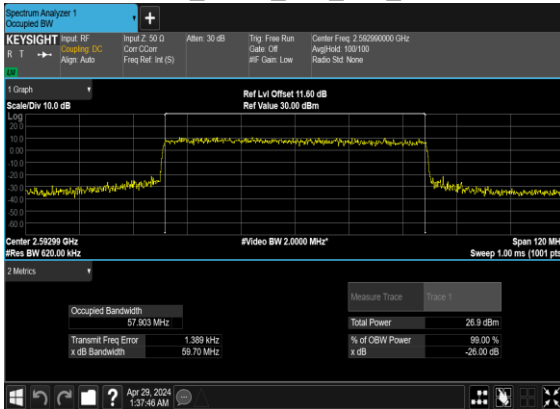
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



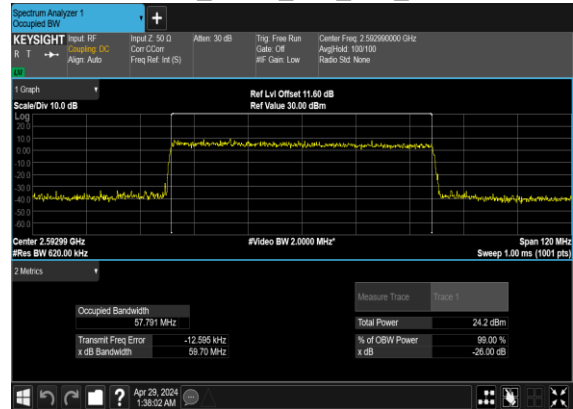
N41(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



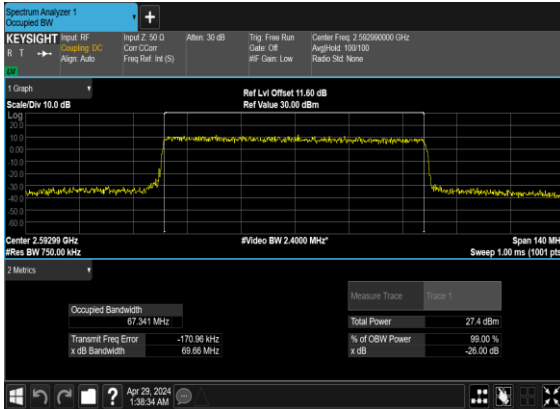
N41(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



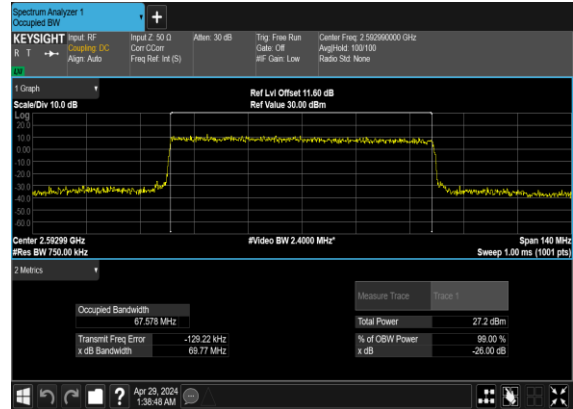
N41(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



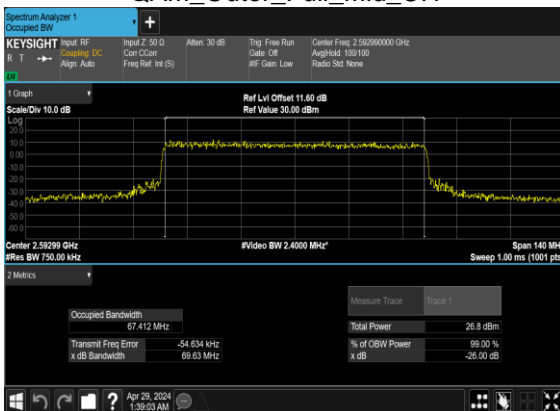
N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



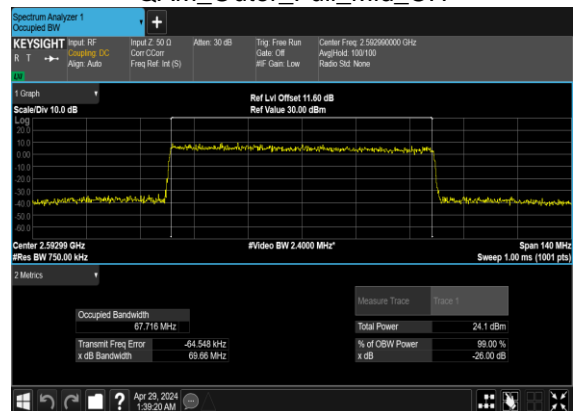
N41(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



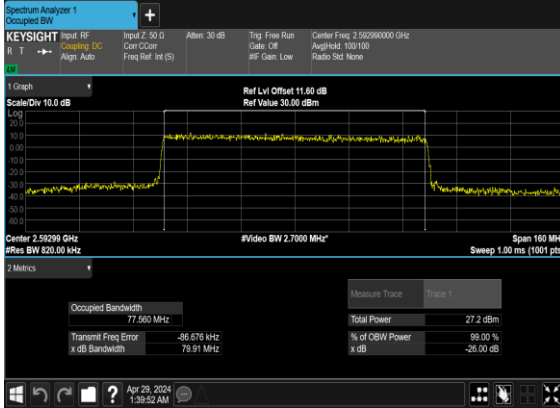
N41(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



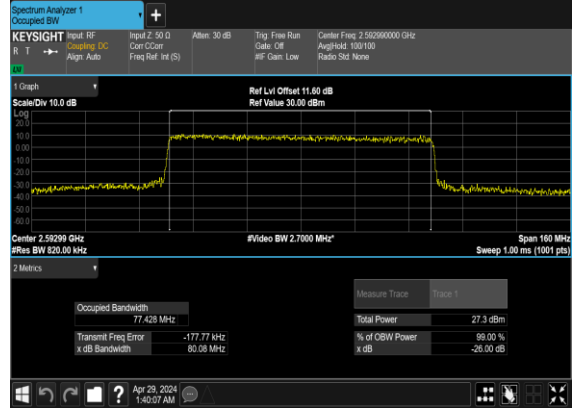
N41(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



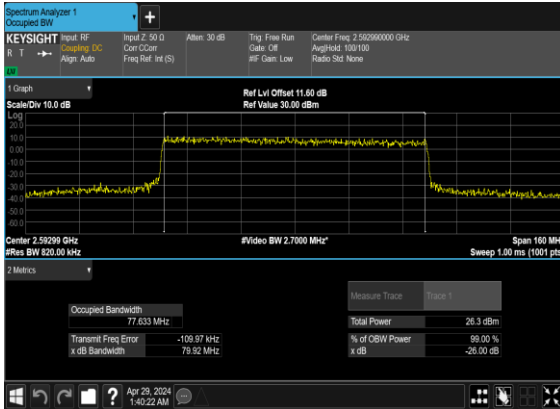
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



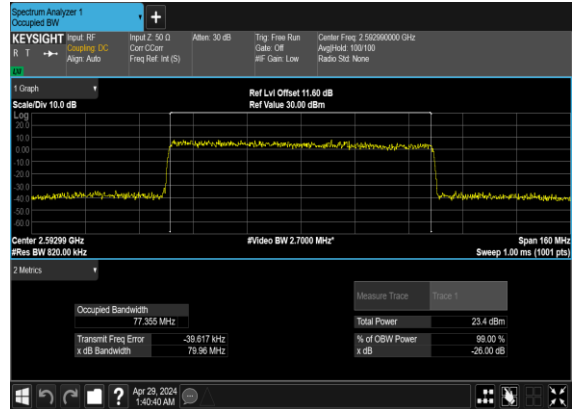
N41(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



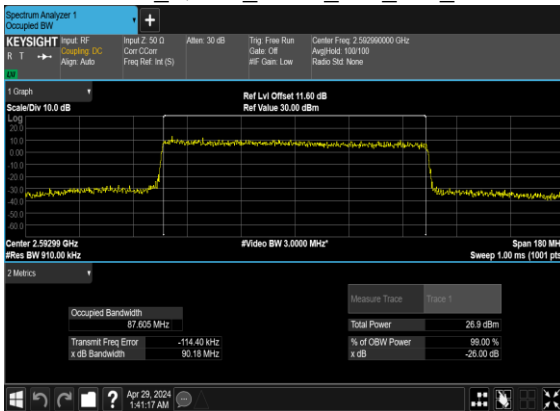
N41(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



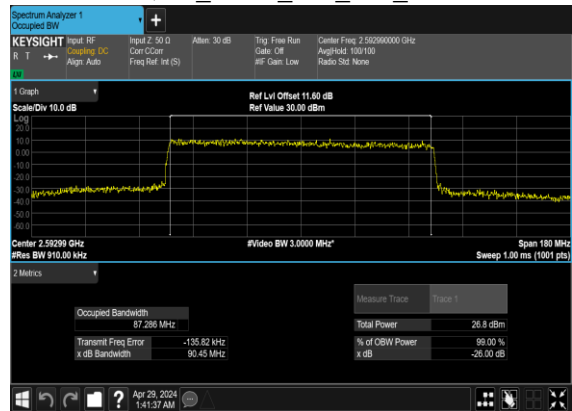
N41(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



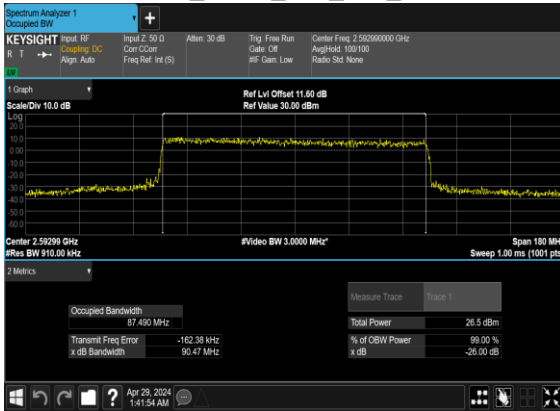
N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



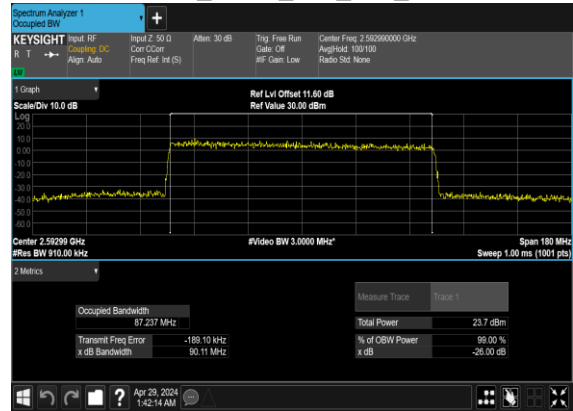
N41(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



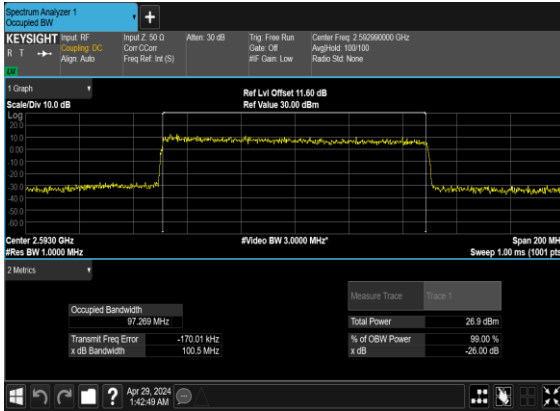
N41(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



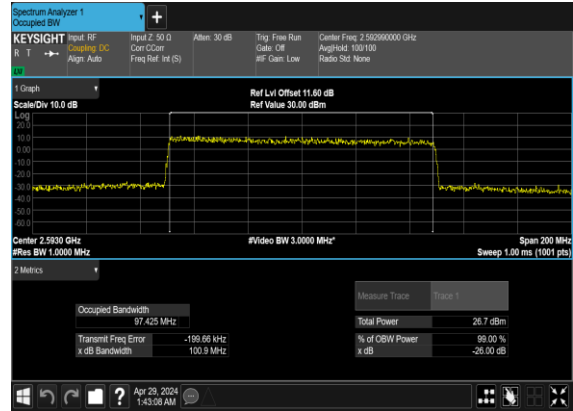
N41(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



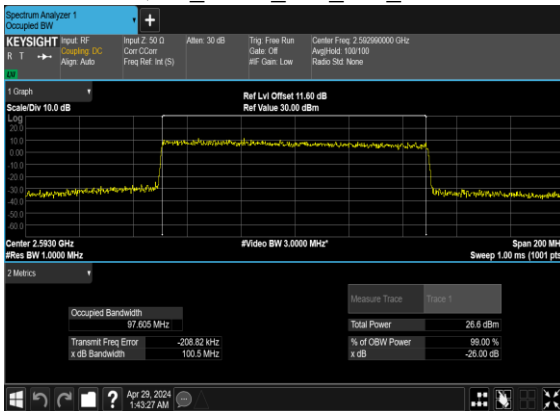
N41(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



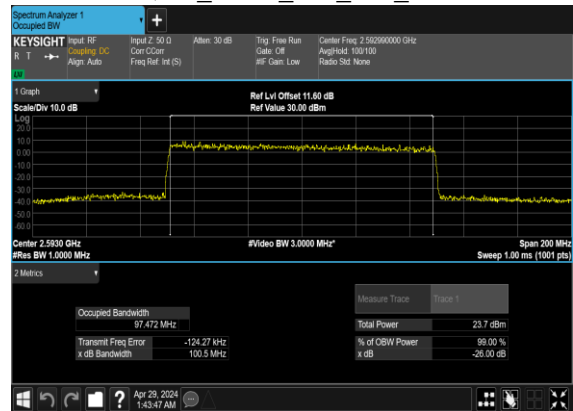
N41(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

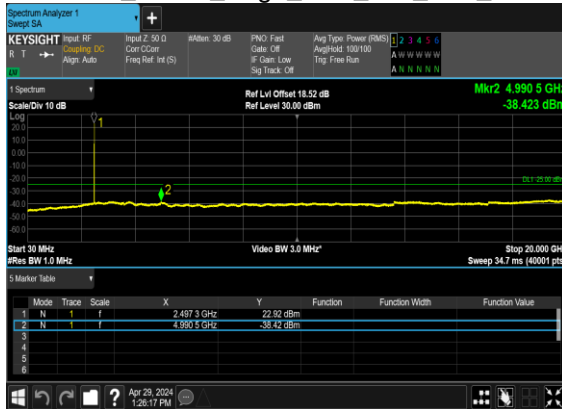


Conducted Spurious Emissions

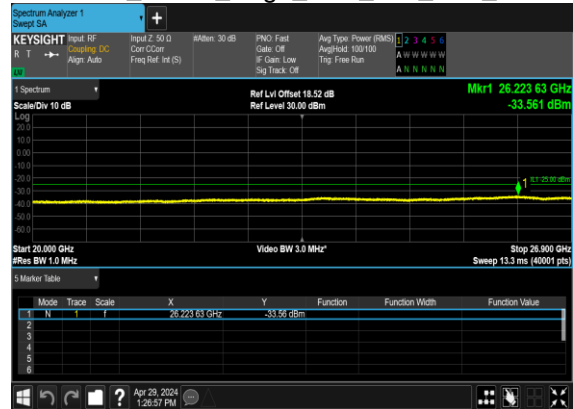
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	---
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	---
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	---
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	50	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	---
41	30	50	532998	2664.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	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	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	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

N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



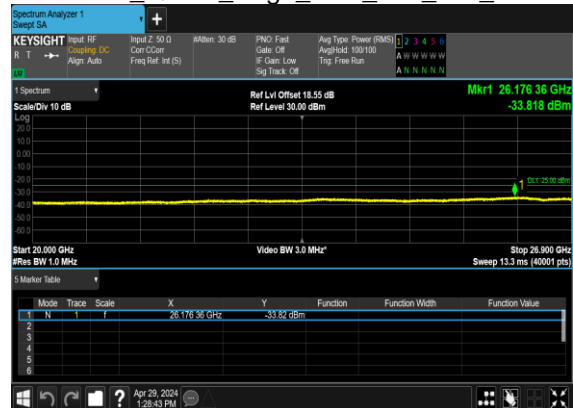
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



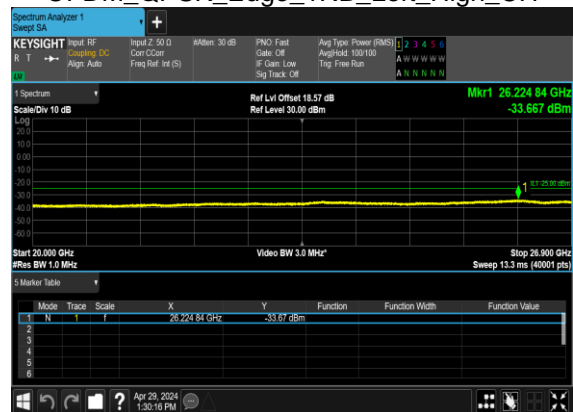
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



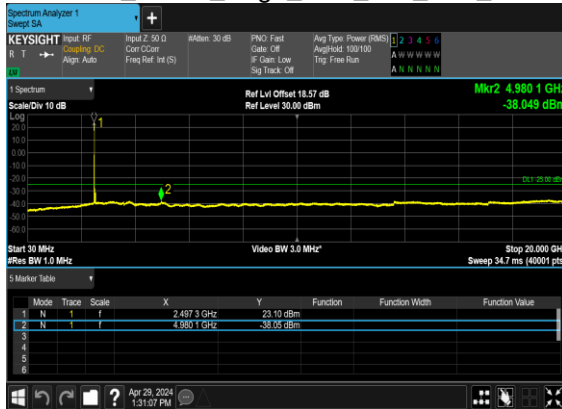
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



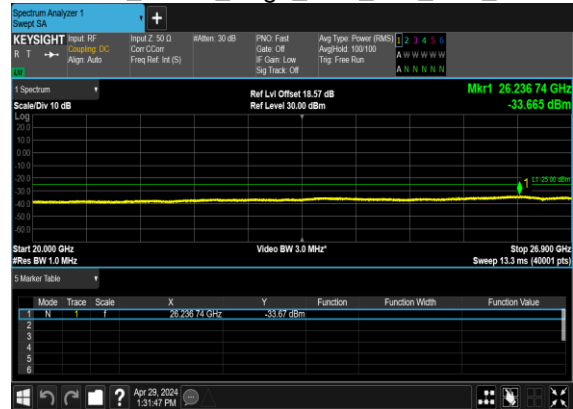
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



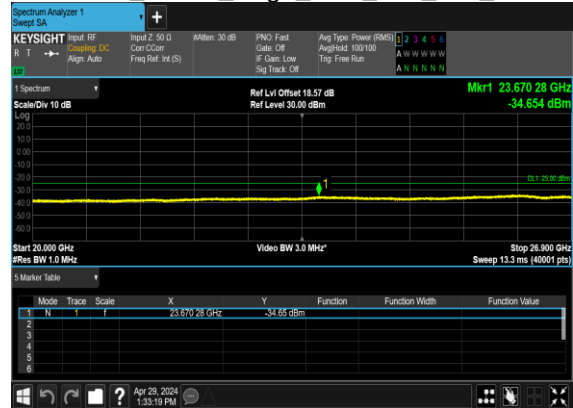
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



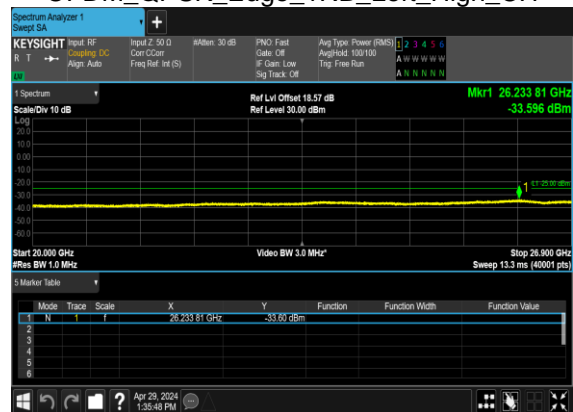
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



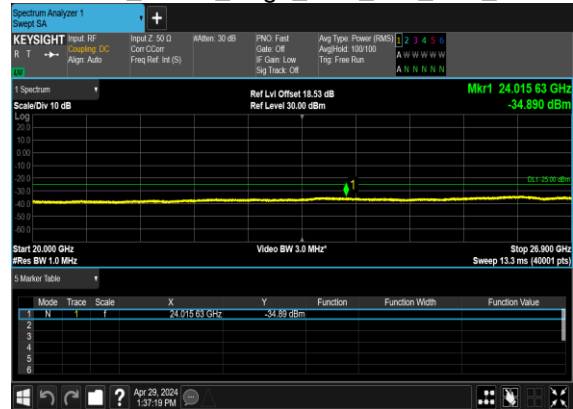
N41(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



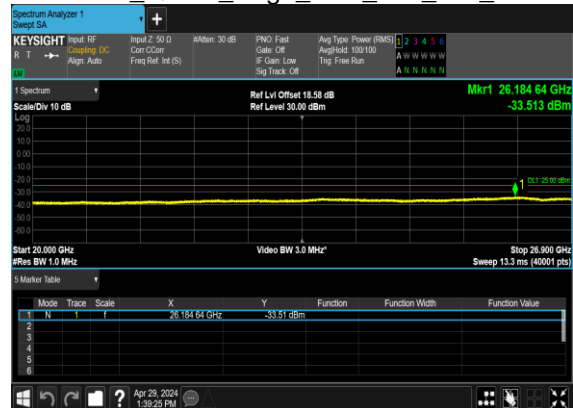
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



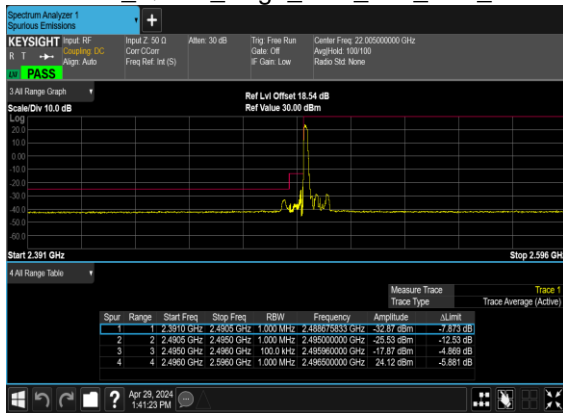
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



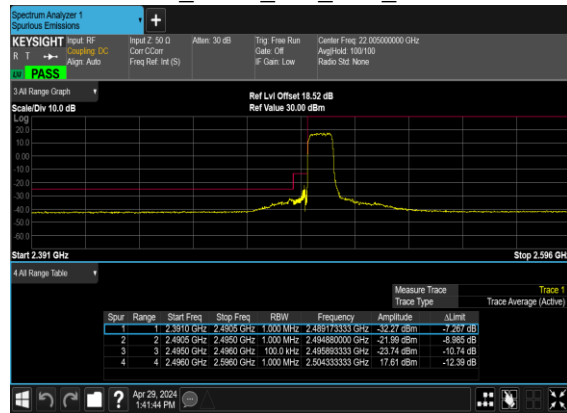
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	133@0	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	133@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 QPSK	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 QPSK	273@0	see graph	PASS

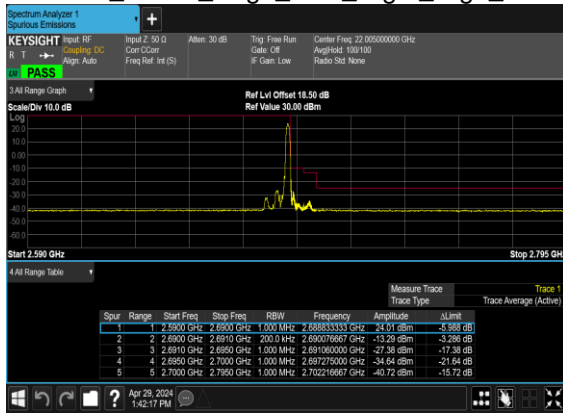
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



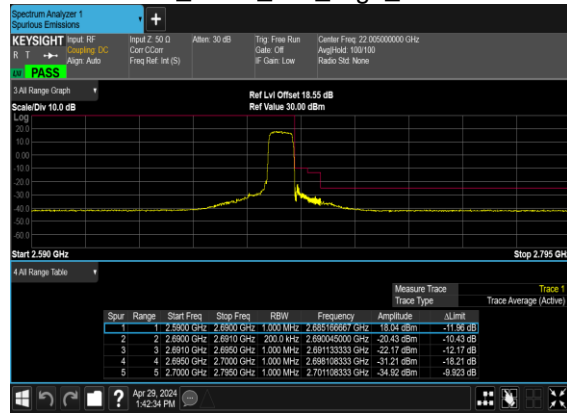
N41(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



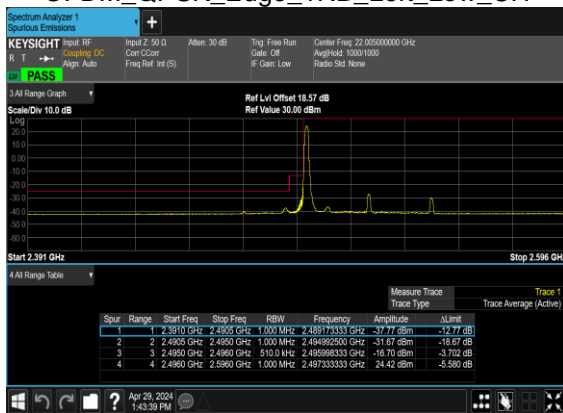
N41(10M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



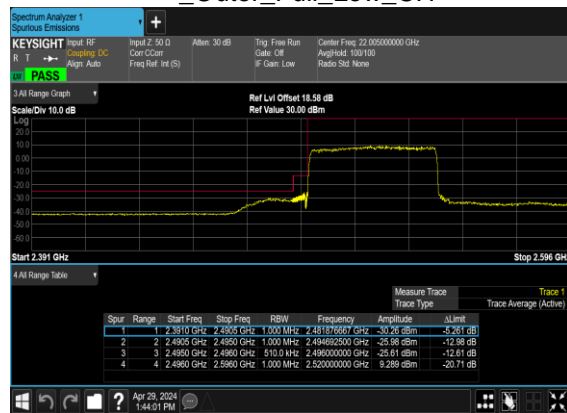
N41(10M)_CP-OFDM_QPSK_Outer_Full_High_CH



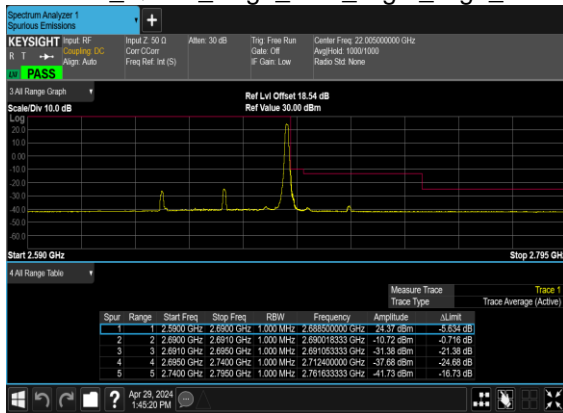
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



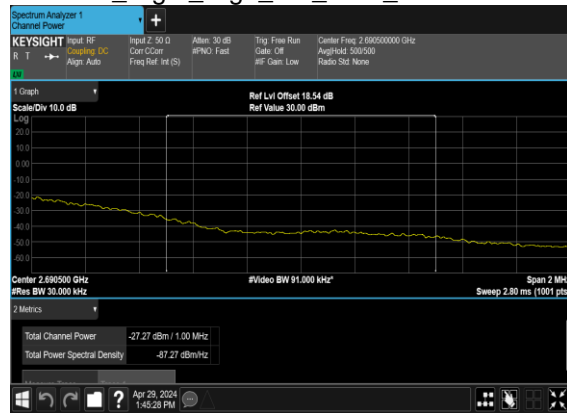
N41(50M)_CP-OFDM_QPSK_Outer_Full_Low_CH



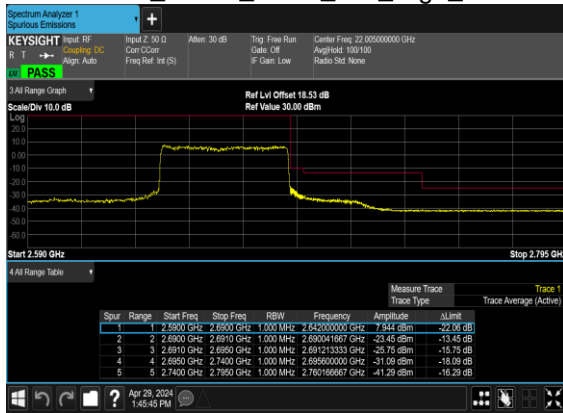
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



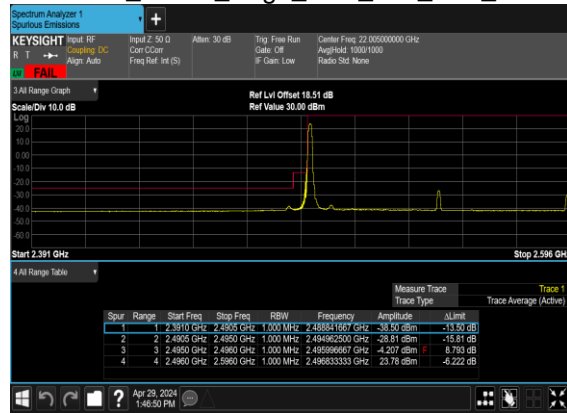
N41(50M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



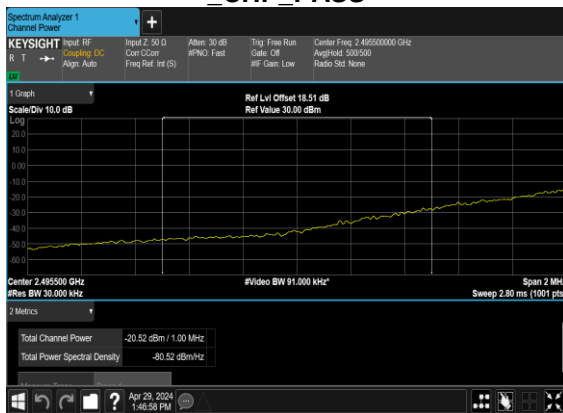
N41(50M)_CP-OFDM_QPSK_Outer_Full_High_CH



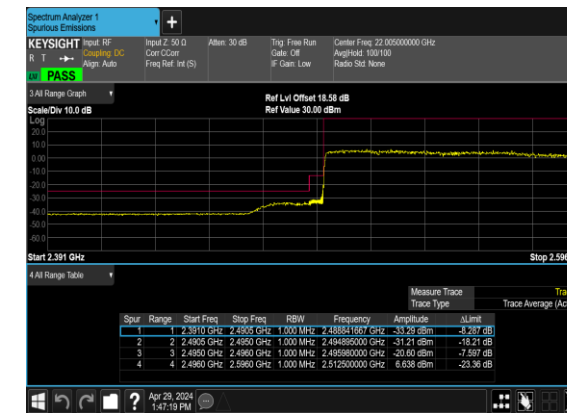
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



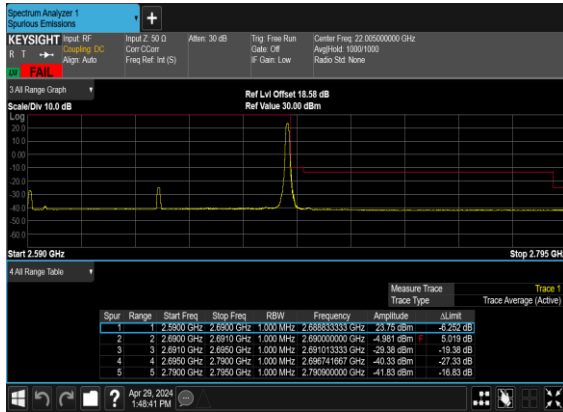
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



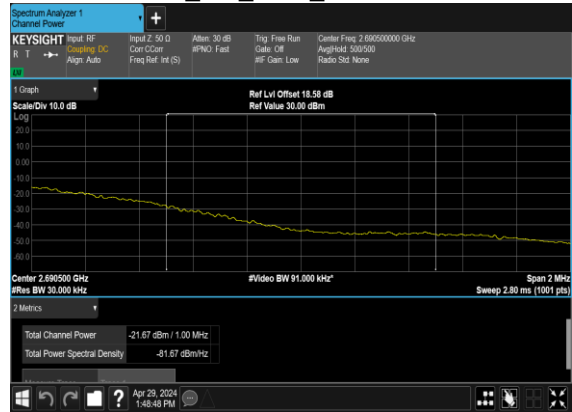
N41(100M)_CP-OFDM_QPSK_Outer_Full_Low_CH



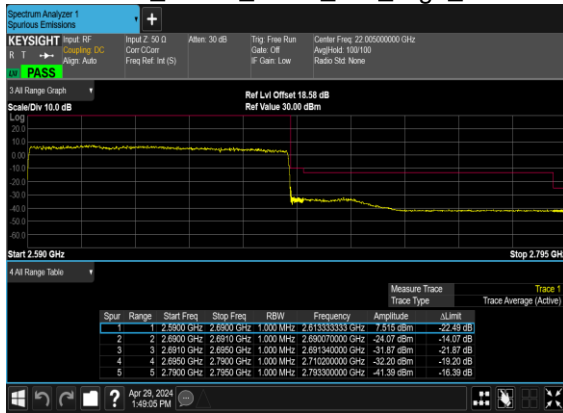
N41(100M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_CP- OFDM_QPSK_Edge_1RB_Right_High _CH_CHP_PASS



N41(100M)_CP- OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Qingsheng He	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

N41_UL MIMO / NR 100MHz / QPSK(ANT2+3)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5089.00	-59.32	-25	-34.32	-79.18	-64.88	7.14	12.70	H
	7633.50	-53.73	-25	-28.73	-78.24	-57.03	8.30	11.60	H
	10178.00	-49.69	-25	-24.69	-78.76	-51.21	10.48	12.00	H
	5089.00	-59.08	-25	-34.08	-79.12	-64.64	7.14	12.70	V
	7633.50	-54.03	-25	-29.03	-78.46	-57.33	8.30	11.60	V
	10178.00	-51.54	-25	-26.54	-79.36	-53.06	10.48	12.00	V

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