

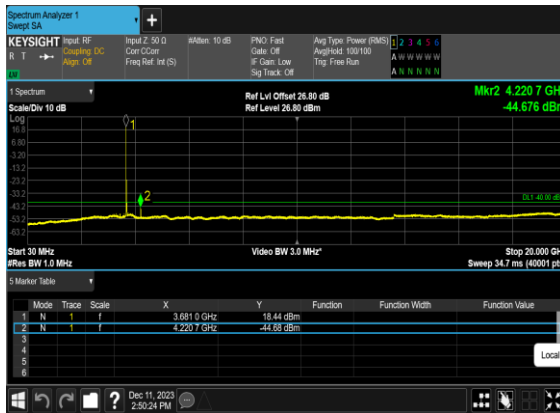
N48(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N48(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



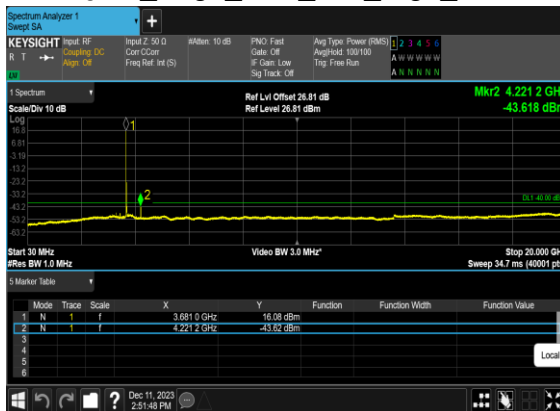
N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



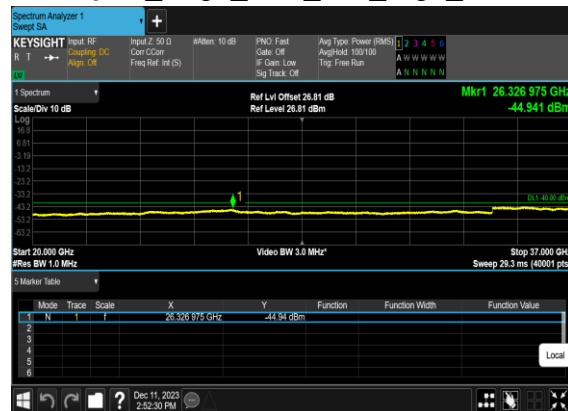
N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



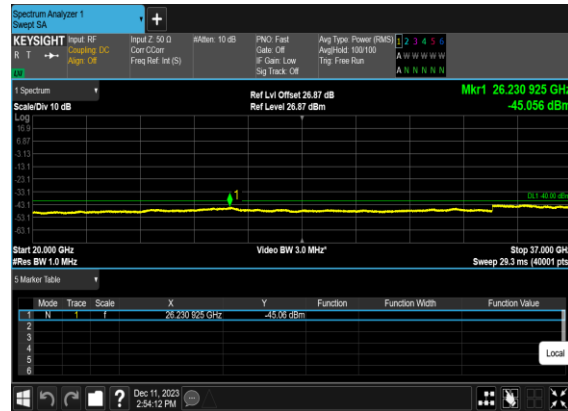
N48(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



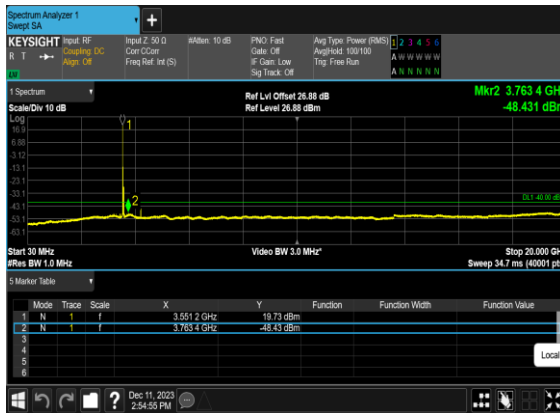
N48(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



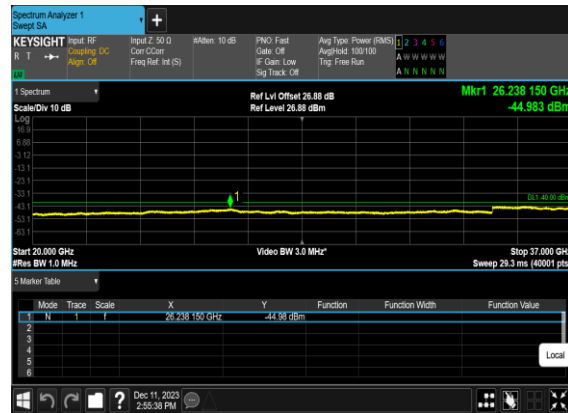
N48(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



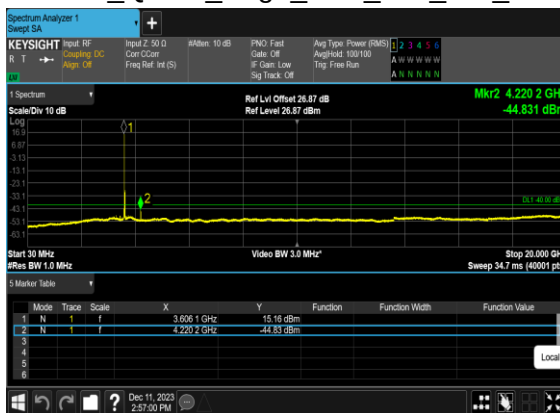
N48(40M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N48(40M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



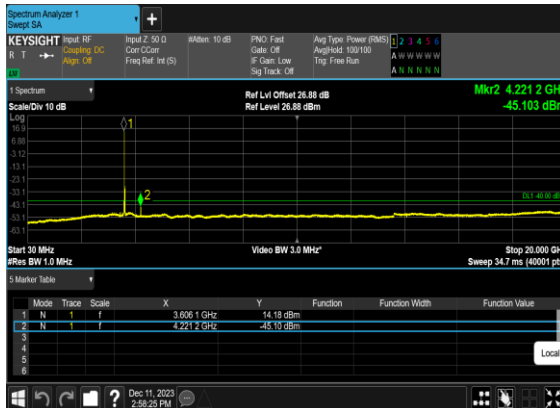
N48(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



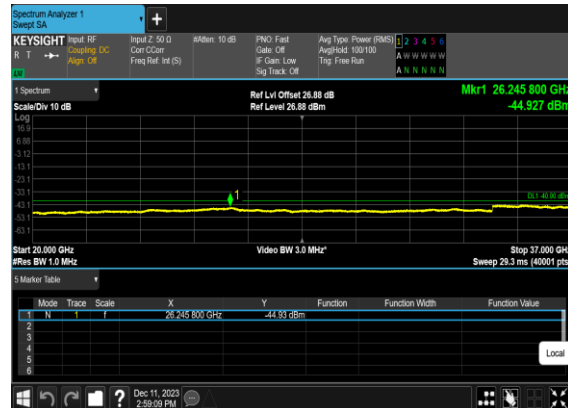
N48(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



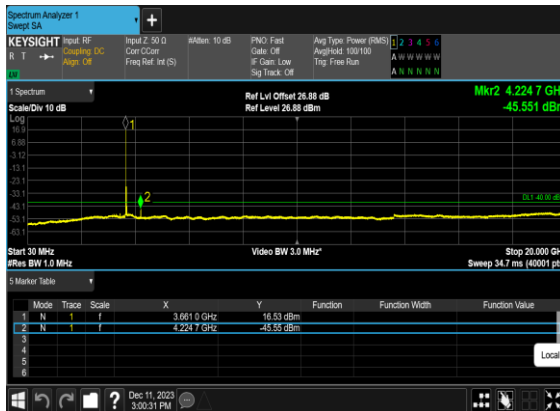
N48(40M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



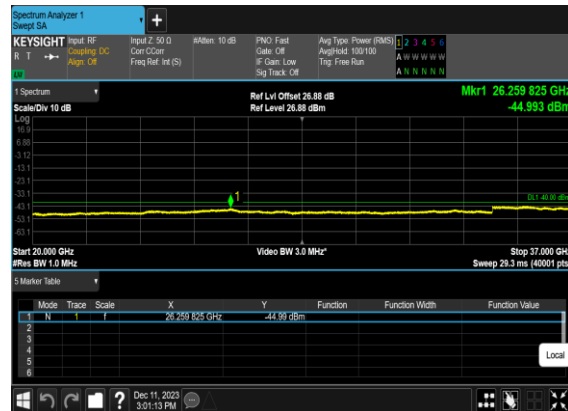
N48(40M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



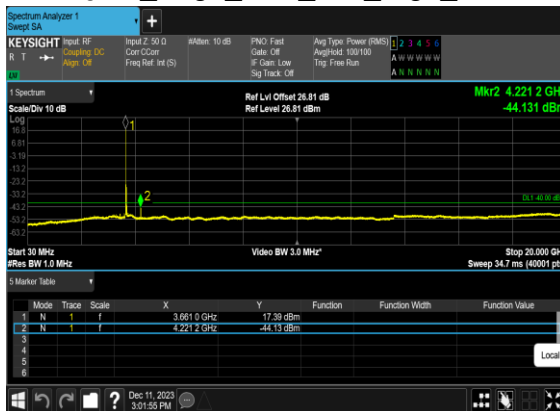
N48(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



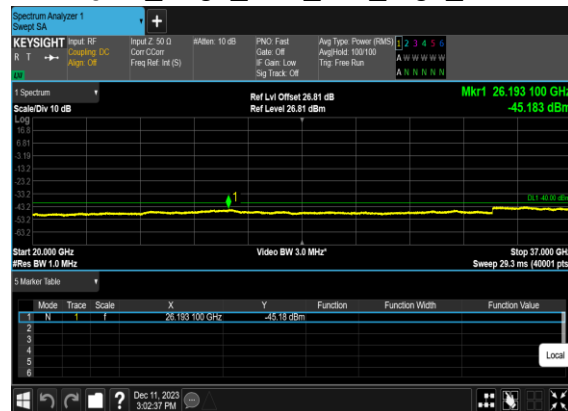
N48(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



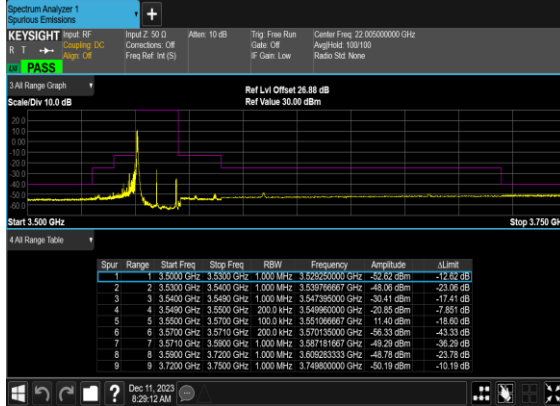
N48(40M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



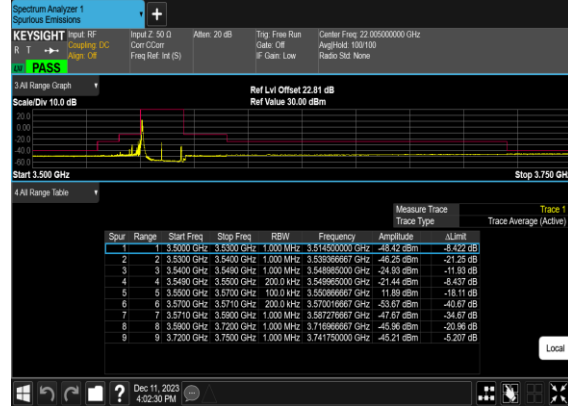
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@50	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	50@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	50@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@50	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	50@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	50@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	1@50	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	50@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	50@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	1@105	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	100@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	100@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@105	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	100@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	100@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@105	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	100@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	100@0	see graph	PASS

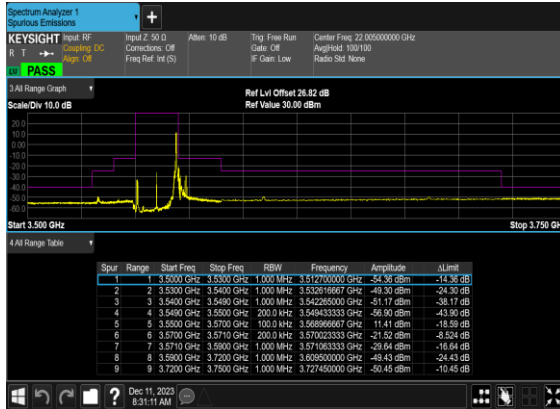
N48(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



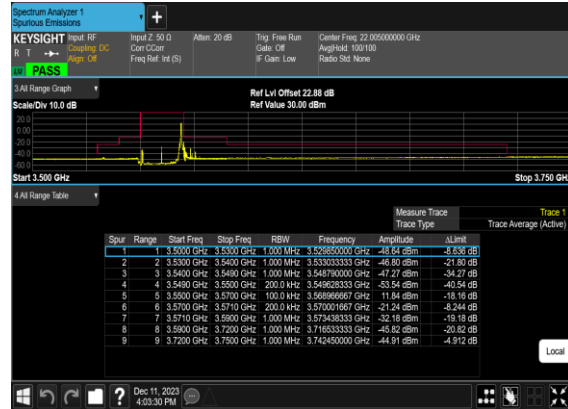
N48(20M)_CP-OFDM_16QAM_Edge_1RB_Left_Low_CH



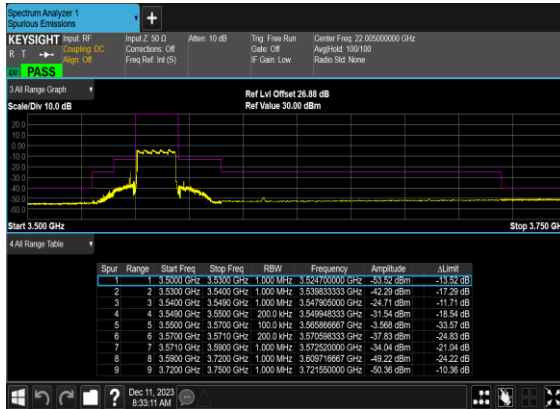
N48(20M)_CP-OFDM_QPSK_Edge_1RB_Right_Low_CH



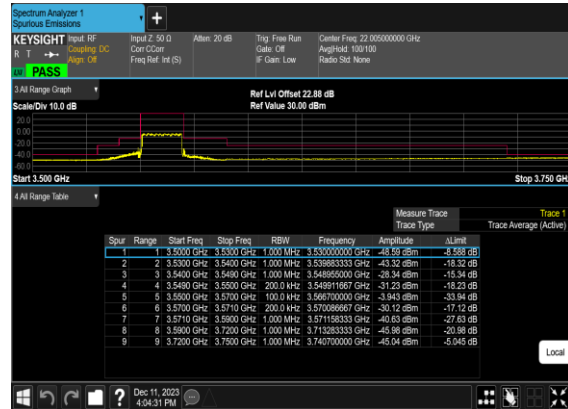
N48(20M)_CP-OFDM_16QAM_Edge_1RB_Right_Low_CH



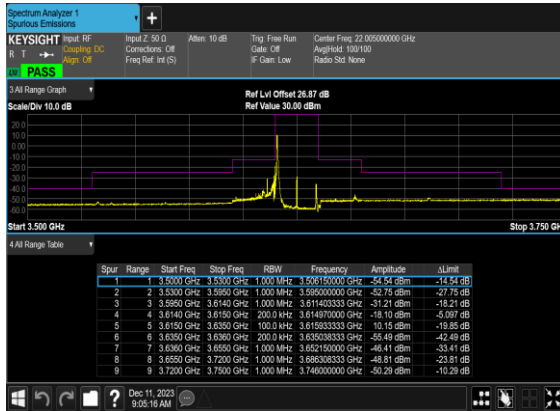
N48(20M)_CP-OFDM_QPSK_Outer_Full_Low_CH



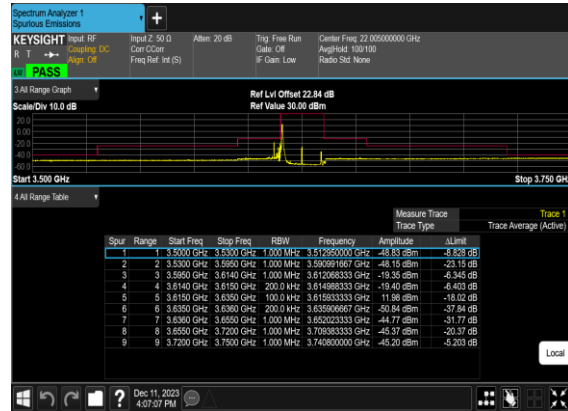
N48(20M)_CP-OFDM_16QAM_Outer_Full_Low_CH



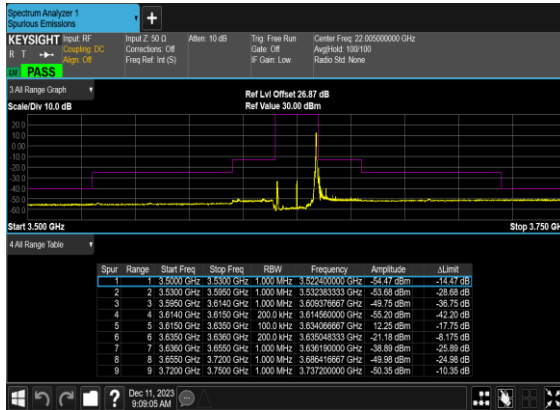
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



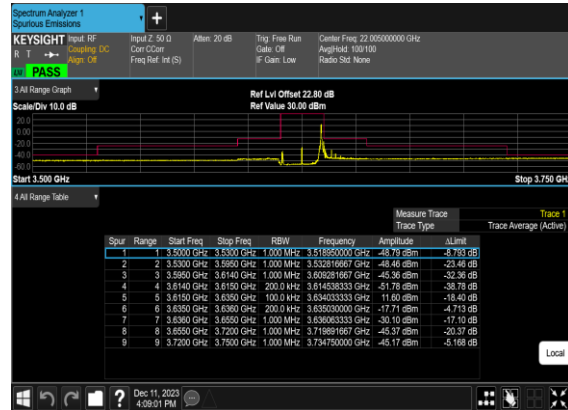
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



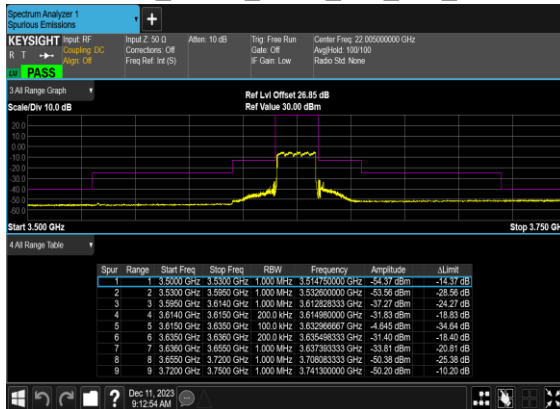
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



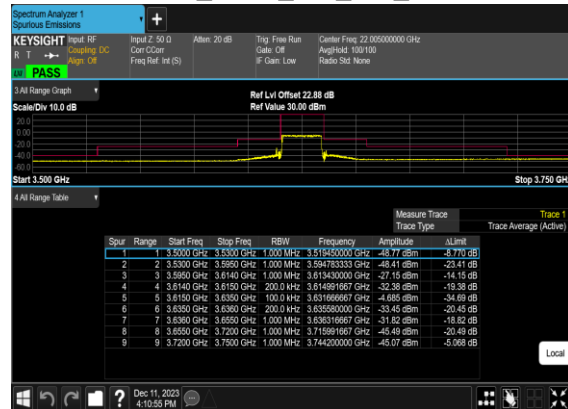
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Right_Mid_CH



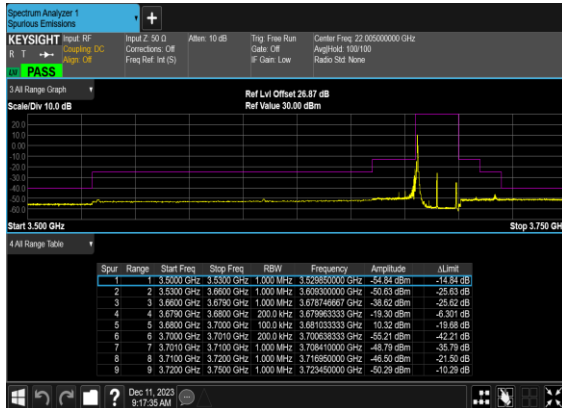
N48(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



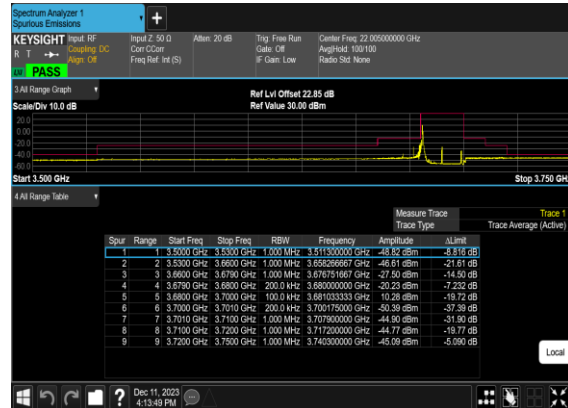
N48(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



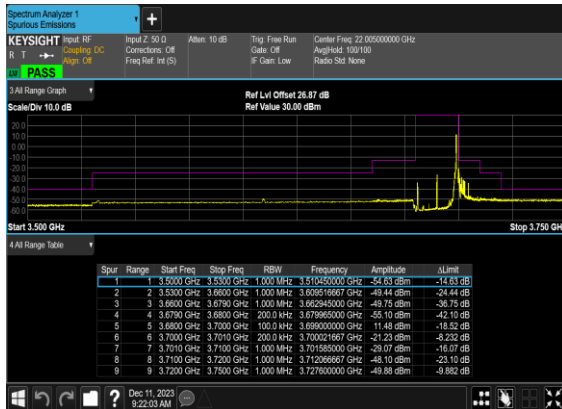
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



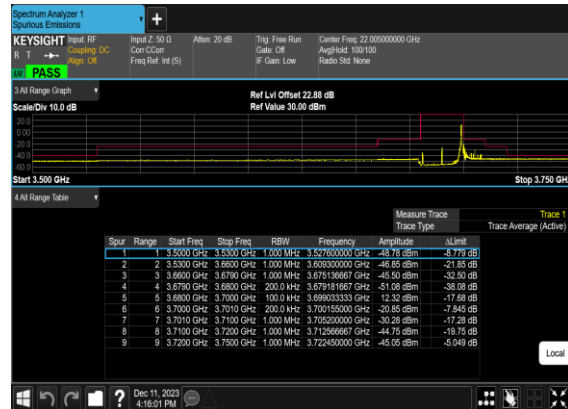
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



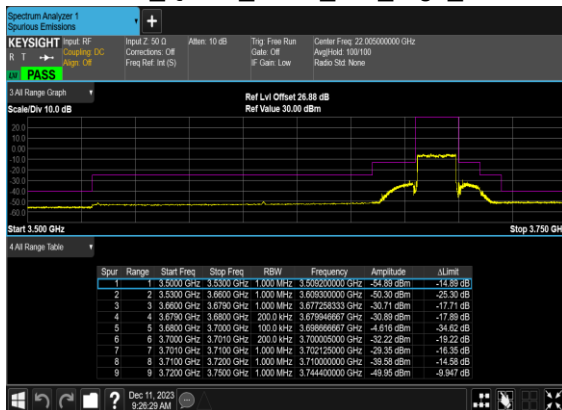
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



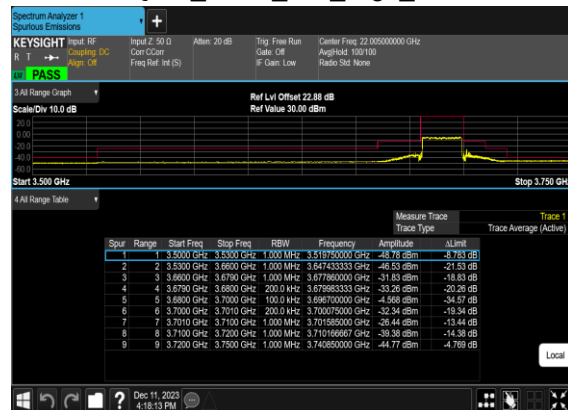
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



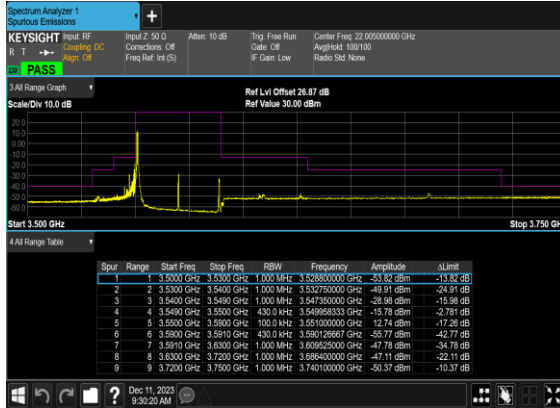
N48(20M)_CP- OFDM_QPSK_Outer_Full_High_CH



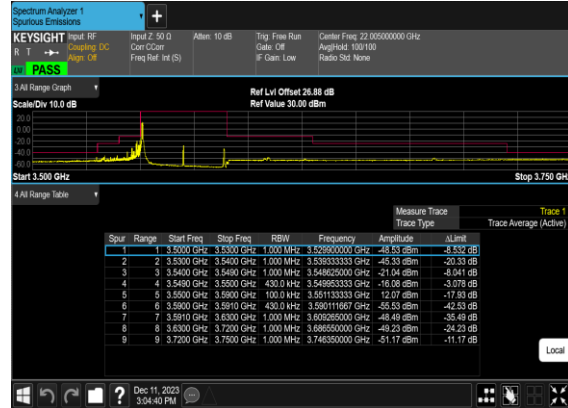
N48(20M)_CP-OFDM_16 QAM_Outer_Full_High_CH



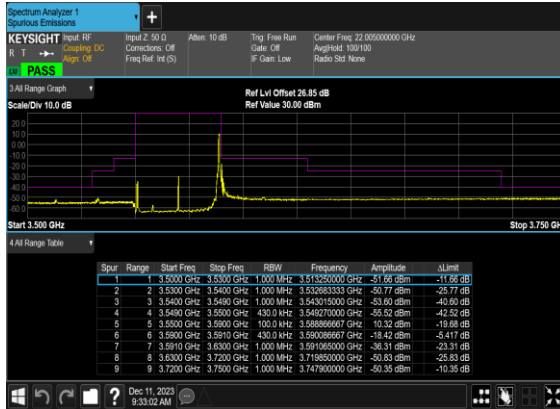
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



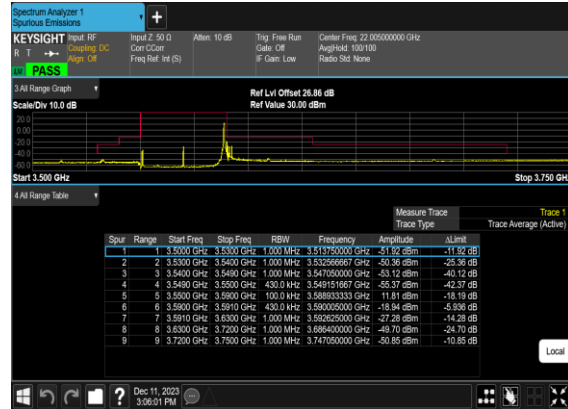
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



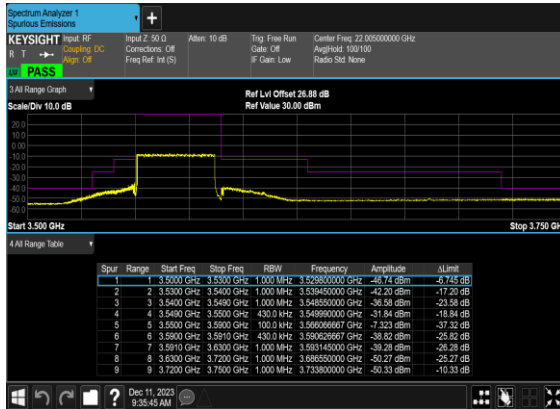
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



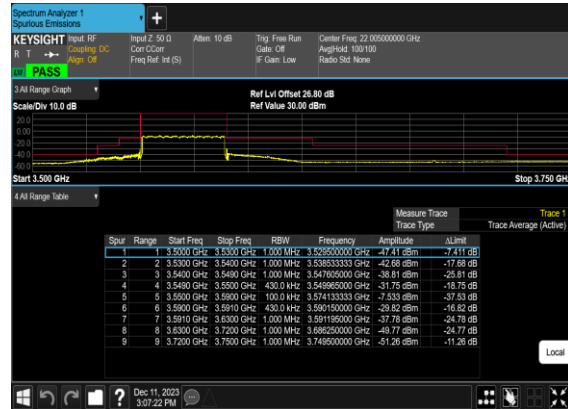
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_Low_CH



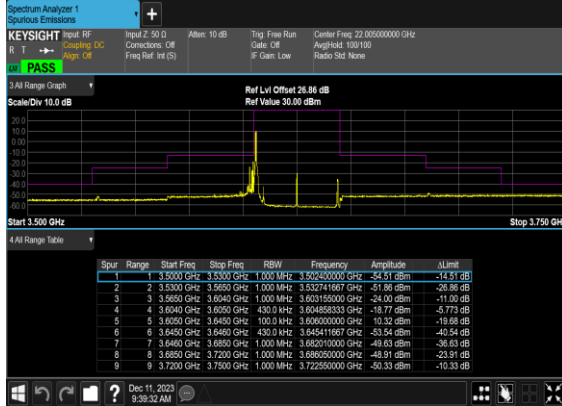
N48(40M)_CP- OFDM_QPSK_Outer_Full_Low_CH



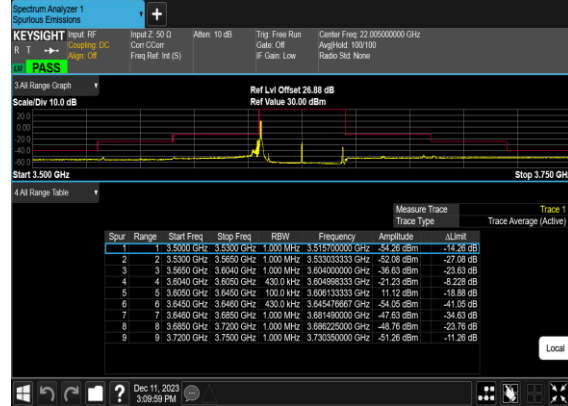
N48(40M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



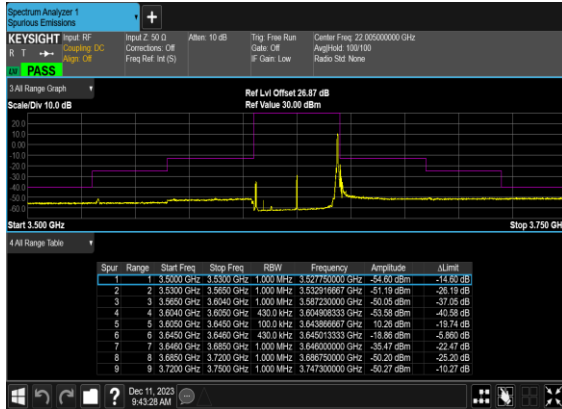
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



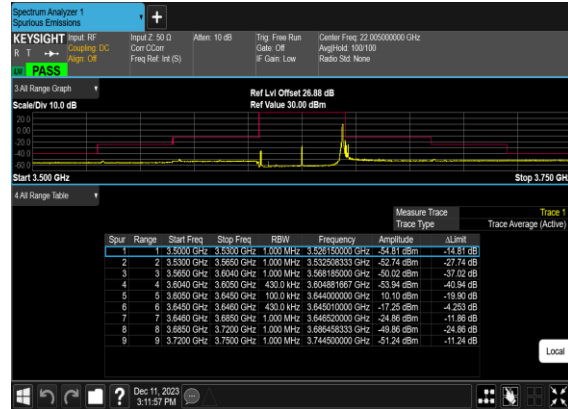
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



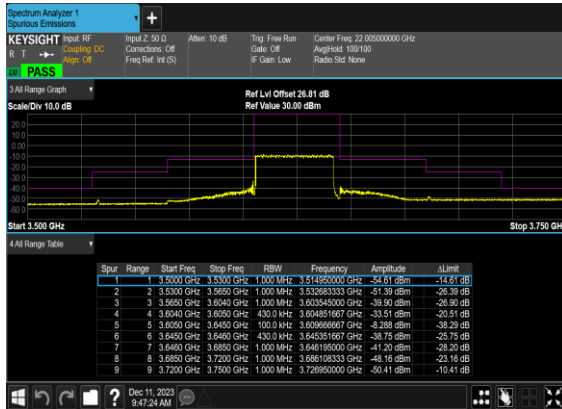
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



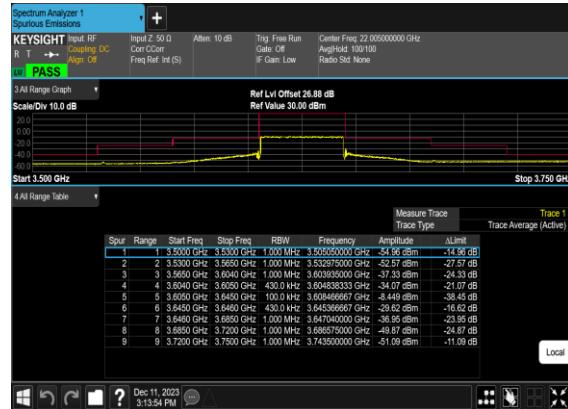
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_Mid_CH



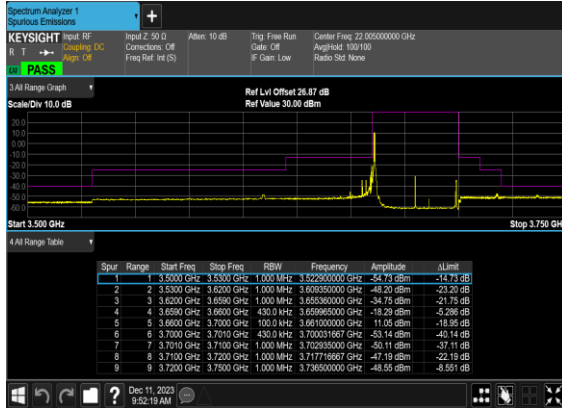
N48(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



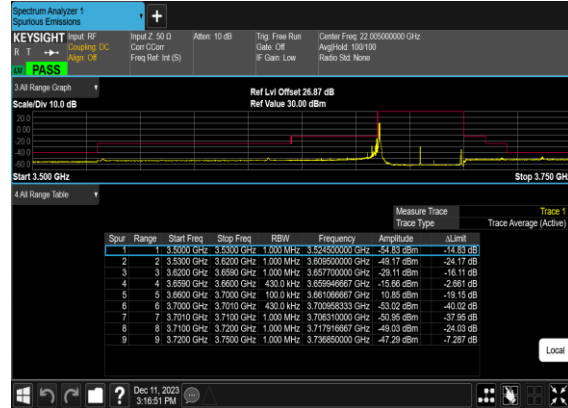
N48(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



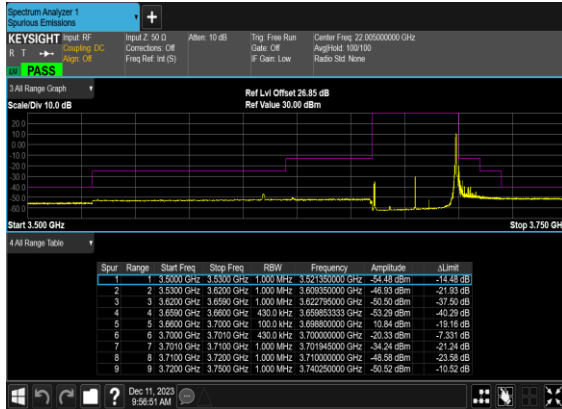
N48(40M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



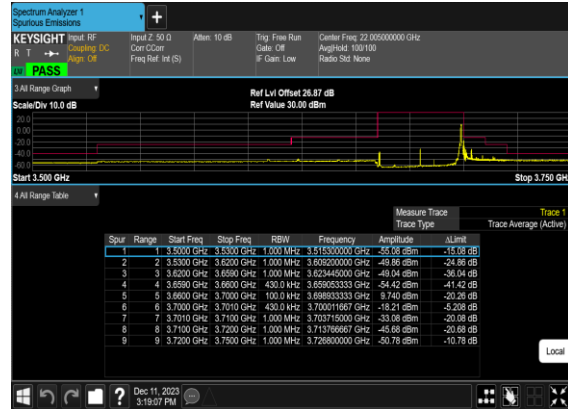
N48(40M)_CP-OFDM_16QAM_Edge_1RB_Left_High_CH



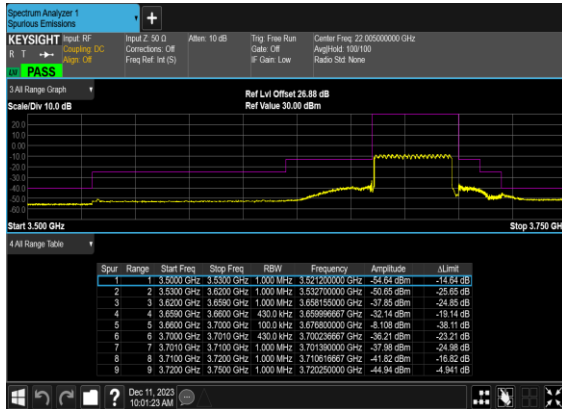
N48(40M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



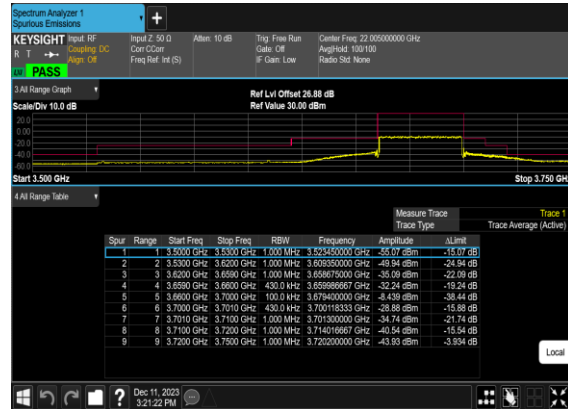
N48(40M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH



N48(40M)_CP-OFDM_QPSK_Outer_Full_High_CH



N48(40M)_CP-OFDM_16QAM_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jack zhou	Temperature :	23~25°C
		Relative Humidity :	41~42%

SA n48 / 40MHz / QPSK / ANT8								
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	7212	-61.77	-40	-21.77	-73.23	2.84	14.30	H
	10824	-51.64	-40	-11.64	-61.58	3.49	13.43	H
	14424	-59.61	-40	-19.61	-69.85	3.85	14.09	H
	7212	-60.32	-40	-20.32	-71.78	2.84	14.30	V
	10824	-49.87	-40	-9.87	-59.81	3.49	13.43	V
	14424	-59.80	-40	-19.80	-70.04	3.85	14.09	V

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

SA n48 UL MIMO / 40MHz / QPSK / ANT8+5								
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	7212	-61.38	-40	-21.38	-72.84	2.84	14.30	H
	10824	-52.15	-40	-12.15	-62.09	3.49	13.43	H
	14424	-58.39	-40	-18.39	-68.63	3.85	14.09	H
	7212	-61.09	-40	-21.09	-72.55	2.84	14.30	V
	10824	-50.24	-40	-10.24	-60.18	3.49	13.43	V
	14424	-59.62	-40	-19.62	-69.86	3.85	14.09	V

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