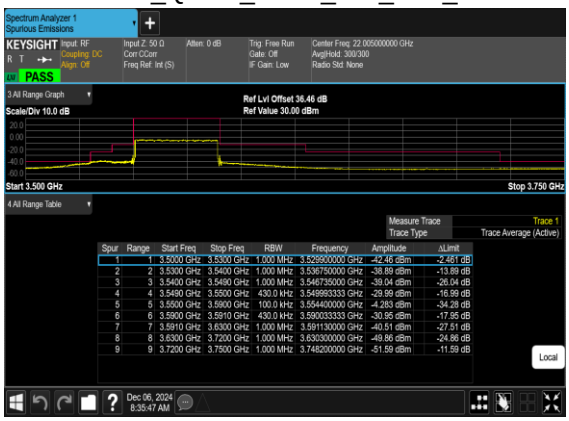
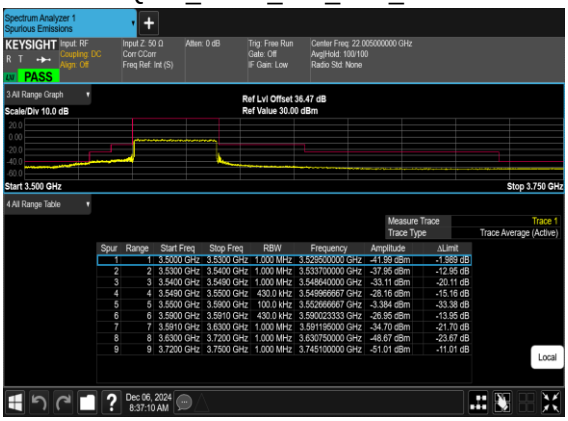
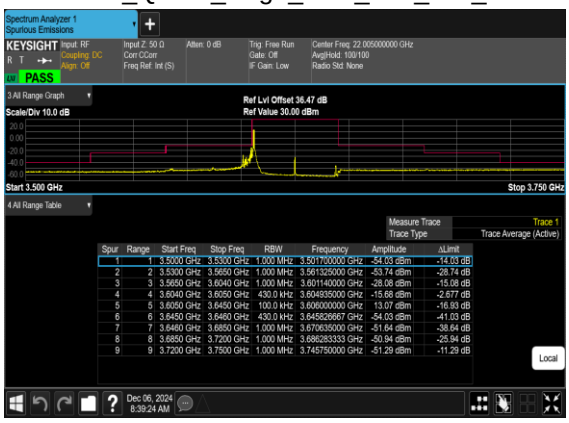
N48(40M)_CP-OFDM_QPSK_Outer_Full_Low_CH



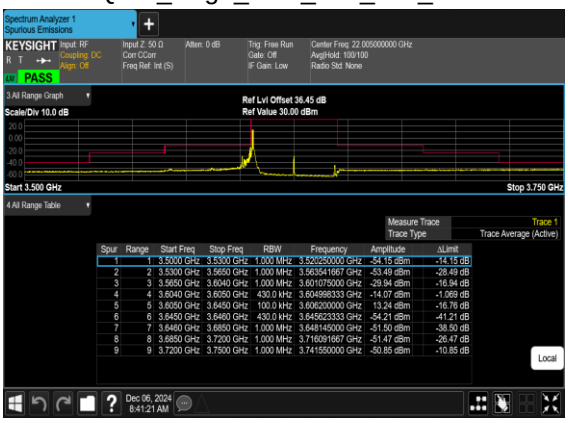
N48(40M)_CP-OFDM_16QAM_Outer_Full_Low_CH



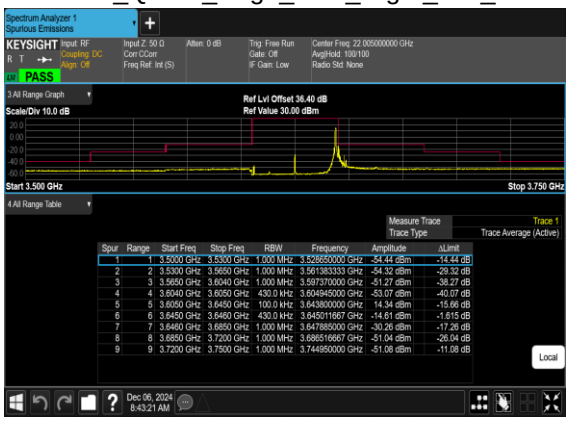
N48(40M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



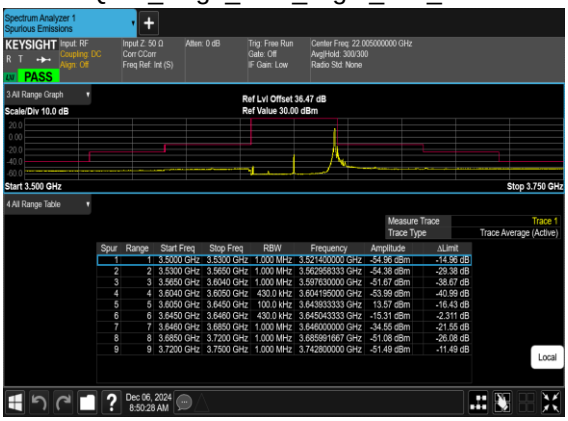
N48(40M)_CP-OFDM_16QAM_Edge_1RB_Left_Mid_CH



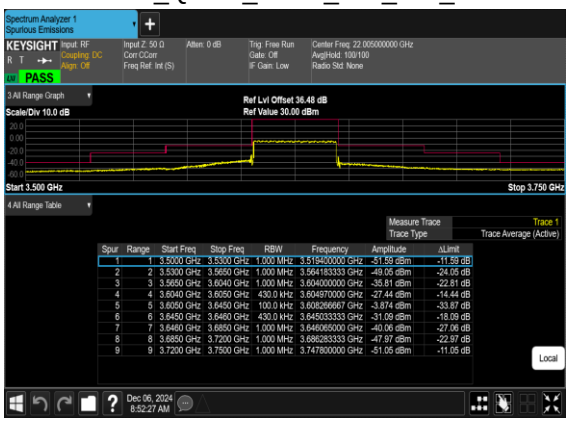
N48(40M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH



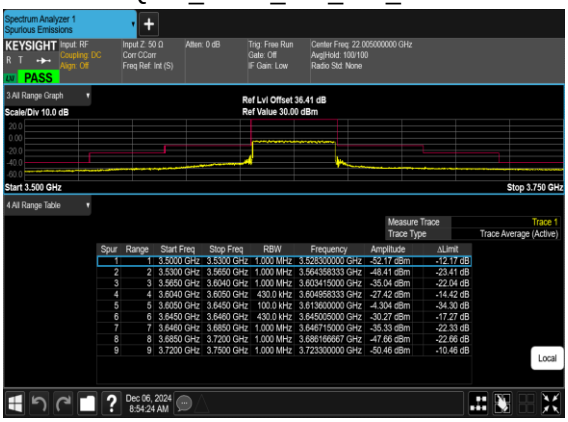
N48(40M)_CP-OFDM_16QAM_Edge_1RB_Right_Mid_CH



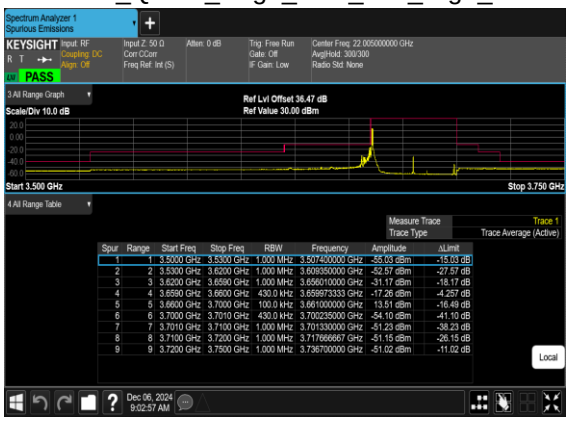
N48(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



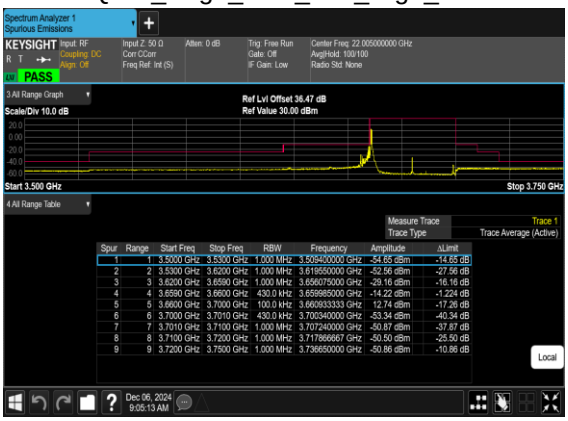
N48(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



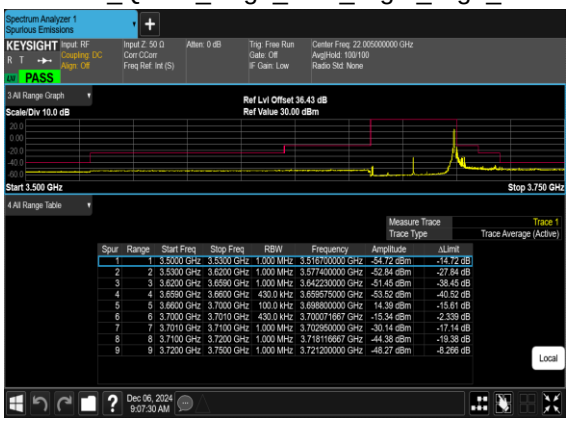
N48(40M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



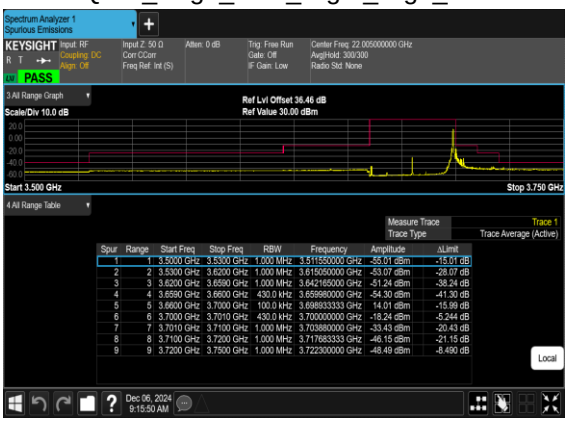
N48(40M)_CP-OFDM_16QAM_Edge_1RB_Left_High_CH



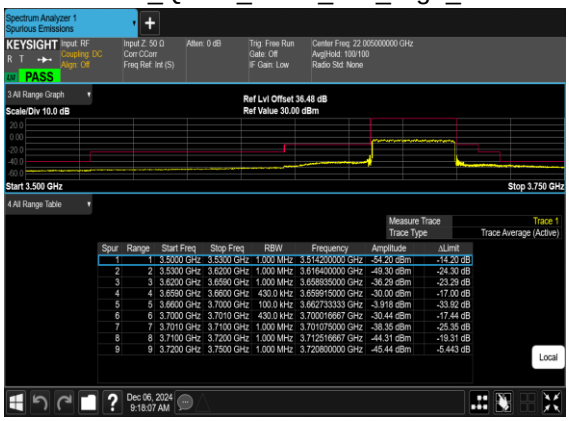
N48(40M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



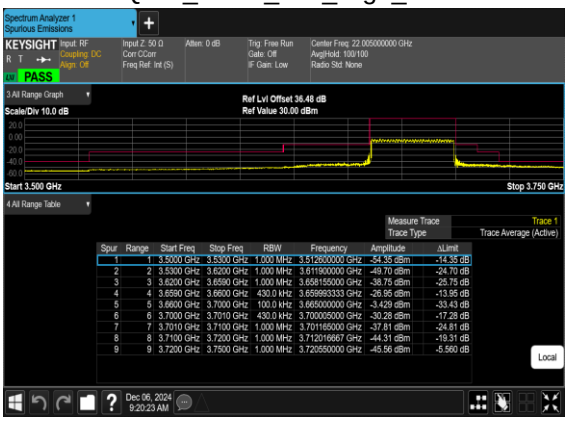
N48(40M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH



N48(40M)_CP-OFDM_QPSK_Outer_Full_High_CH



N48(40M)_CP-OFDM_16 QAM_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	21~25℃
		Relative Humidity :	51~53%

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

SA n48 / 40MHz / QPSK / ANT5 open status								
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	-60.47	-40	-20.47	-71.93	2.84	14.30	H
	10824	-53.90	-40	-13.90	-63.84	3.49	13.43	H
	14424	-45.86	-40	-5.86	-56.10	3.85	14.09	H
	7212	-60.52	-40	-20.52	-71.98	2.84	14.30	V
	10824	-53.80	-40	-13.80	-63.74	3.49	13.43	V
	14424	-45.65	-40	-5.65	-55.89	3.85	14.09	V

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

EN-DC_71A_n48A / LTE 10MHz + NR 40MHz / QPSK / ANT1(LTE) & ANT5(NR) open status								
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	-61.99	-40	-21.99	-73.45	2.84	14.30	H
	10824	-57.02	-40	-17.02	-66.96	3.49	13.43	H
	14424	-59.50	-40	-19.50	-69.74	3.85	14.09	H
	7212	-62.17	-40	-22.17	-73.63	2.84	14.30	V
	10824	-57.79	-40	-17.79	-67.73	3.49	13.43	V
	14424	-58.92	-40	-18.92	-69.16	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 / ANT3+5 open status								
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	7164	-61.81	-40	-21.81	-73.27	2.84	14.30	H
	10740	-60.99	-40	-20.99	-70.93	3.49	13.43	H
	14316	-59.64	-40	-19.64	-69.88	3.85	14.09	H
	7164	-61.28	-40	-21.28	-72.74	2.84	14.30	V
	10740	-60.64	-40	-20.64	-70.58	3.49	13.43	V
	14316	-58.70	-40	-18.70	-68.94	3.85	14.09	V

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