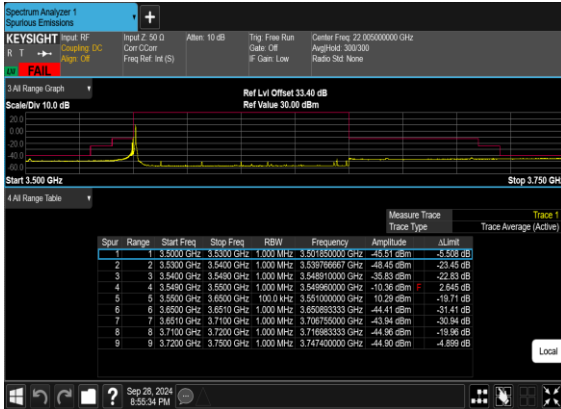




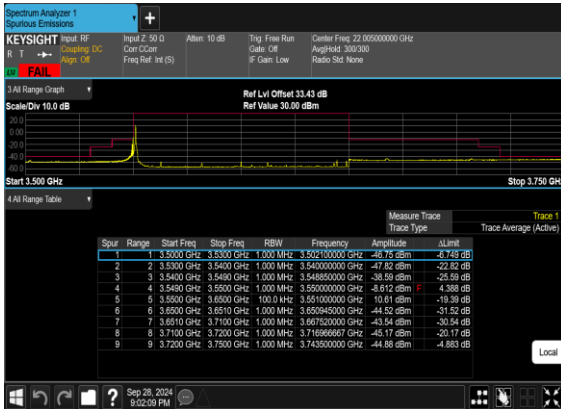
N48(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N48(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

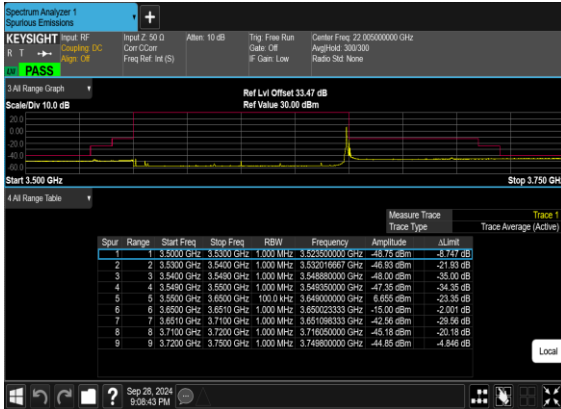


N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS

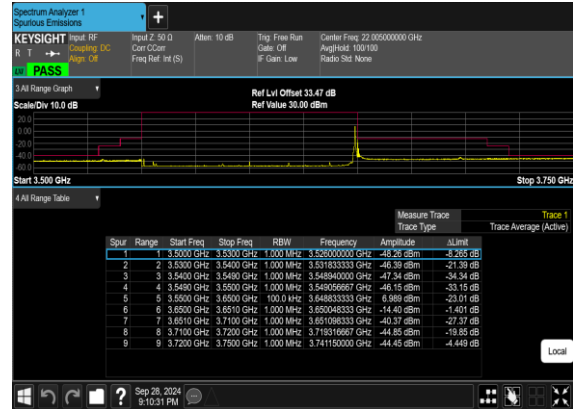




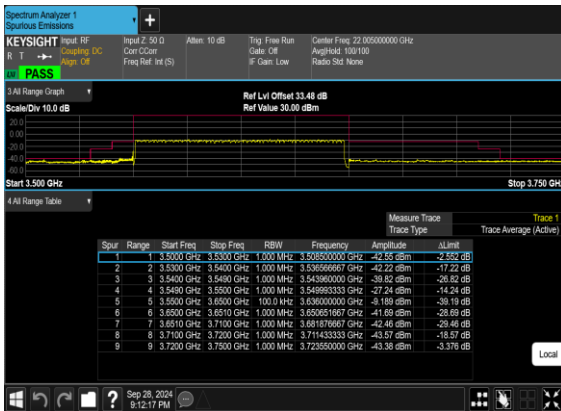
N48(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Low\_CH



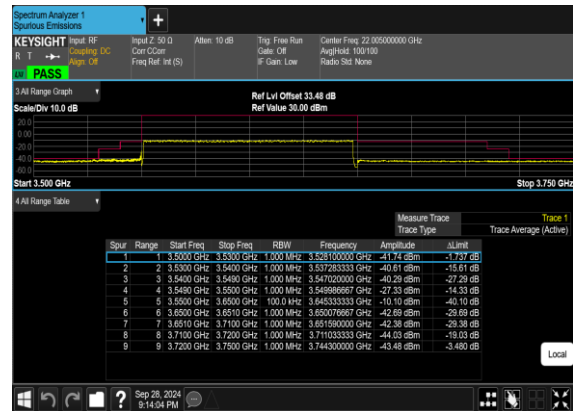
N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH



N48(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

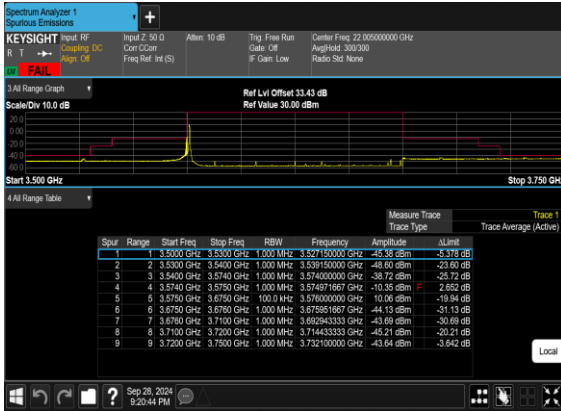


N48(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

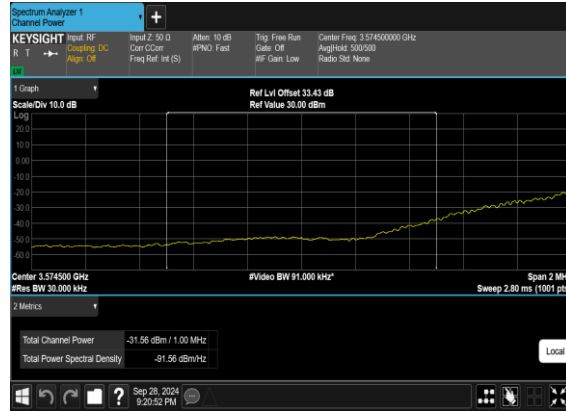




N48(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



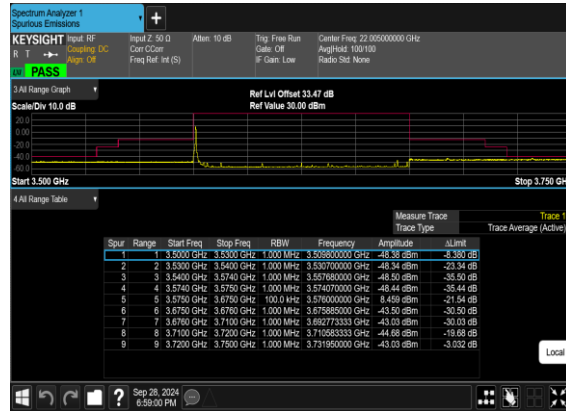
N48(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH\_CHP\_PASS



N48(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH\_CHP\_PASS

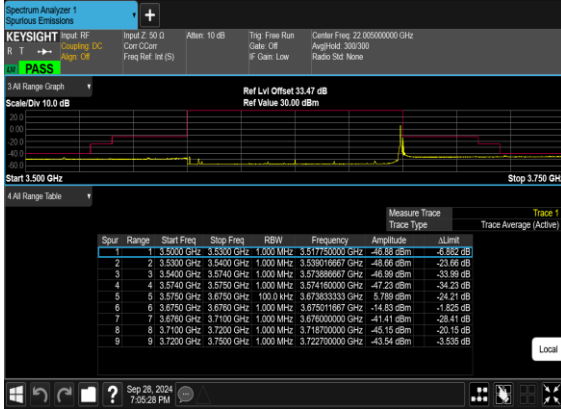


N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

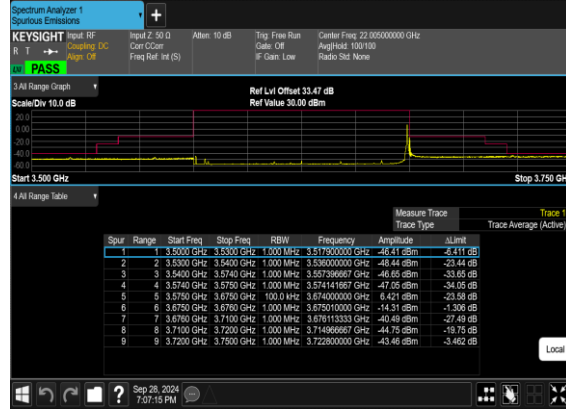




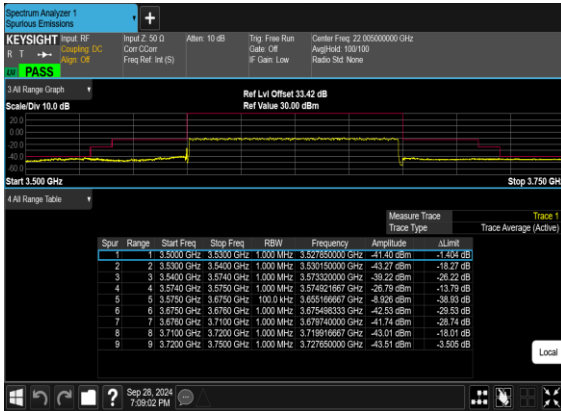
N48(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



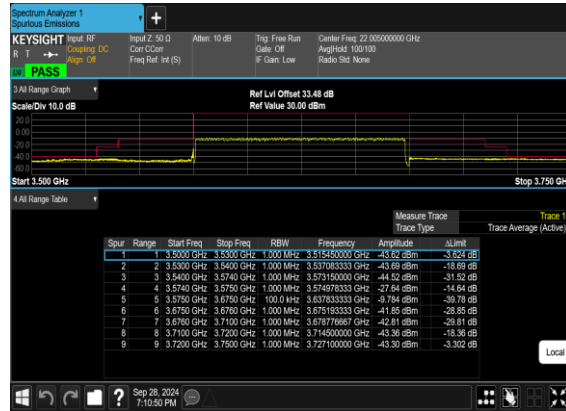
N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



N48(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH

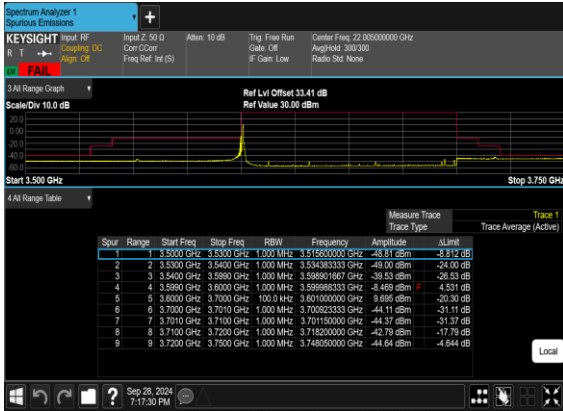


N48(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH





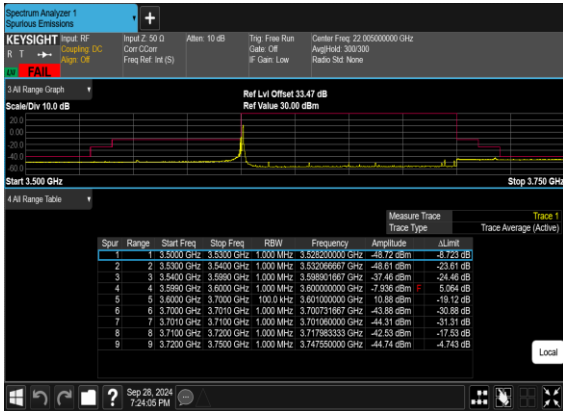
N48(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



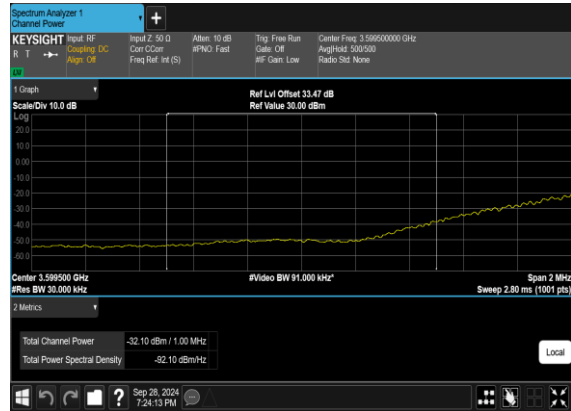
N48(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH\_CHP\_PASS



N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

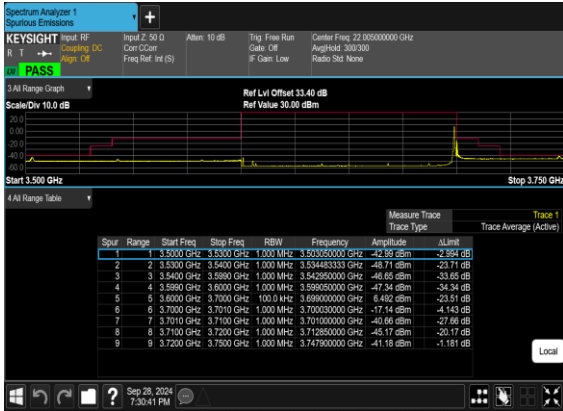


N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH\_CHP\_PASS

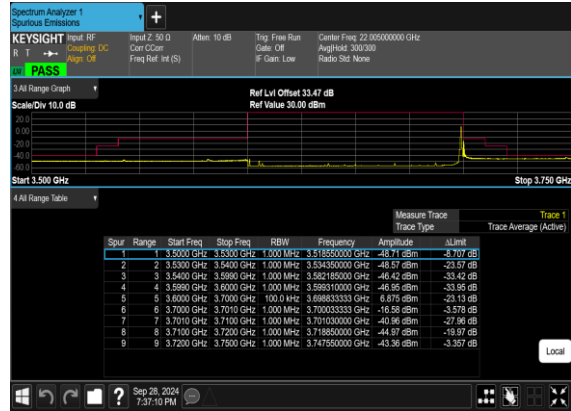




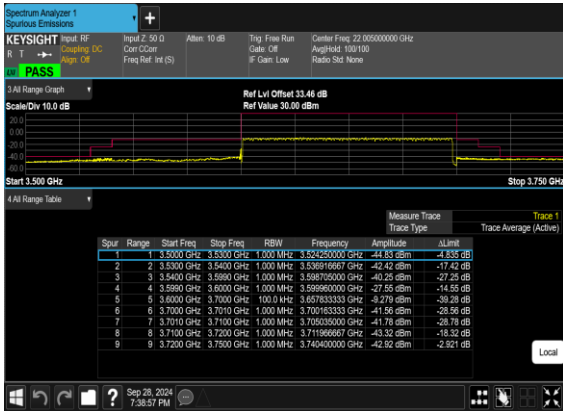
N48(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



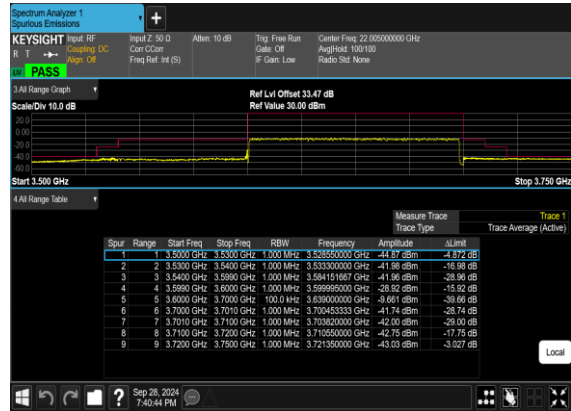
N48(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N48(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



N48(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

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

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

5G NR n48 / 20MHz / QPSK / Ant. 9								
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	7104	-48.21	-40	-8.21	-59.67	2.84	14.30	H
	10656	-60.85	-40	-20.85	-70.79	3.49	13.43	H
	14220	-61.05	-40	-21.05	-71.29	3.85	14.09	H
	7104	-55.38	-40	-15.38	-66.84	2.84	14.30	V
	10656	-60.21	-40	-20.21	-70.15	3.49	13.43	V
	14220	-61.00	-40	-21.00	-71.24	3.85	14.09	V
Middle	7152	-44.42	-40	-4.42	-55.88	2.84	14.30	H
	10728	-59.98	-40	-19.98	-69.92	3.49	13.43	H
	14316	-60.56	-40	-20.56	-70.80	3.85	14.09	H
	7152	-52.40	-40	-12.40	-63.86	2.84	14.30	V
	10728	-59.96	-40	-19.96	-69.90	3.49	13.43	V
	14316	-60.97	-40	-20.97	-71.21	3.85	14.09	V
Highest	7200	-47.92	-40	-7.92	-59.38	2.84	14.30	H
	10800	-59.67	-40	-19.67	-69.61	3.49	13.43	H
	14424	-60.80	-40	-20.80	-71.04	3.85	14.09	H
	7200	-54.89	-40	-14.89	-66.35	2.84	14.30	V
	10800	-60.35	-40	-20.35	-70.29	3.49	13.43	V
	14424	-60.72	-40	-20.72	-70.96	3.85	14.09	V

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



5G NR DC_71A_n48A / 20MHz+20MHz / QPSK / Ant.(0+9)								
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	7104	-56.62	-40	-16.62	-68.08	2.84	14.30	H
	10668	-61.31	-40	-21.31	-71.25	3.49	13.43	H
	14220	-60.09	-40	-20.09	-70.33	3.85	14.09	H
	7104	-60.53	-40	-20.53	-71.99	2.84	14.30	V
	10668	-60.66	-40	-20.66	-70.60	3.49	13.43	V
	14220	-59.90	-40	-19.90	-70.14	3.85	14.09	V
Middle	7152	-56.14	-40	-16.14	-67.60	2.84	14.30	H
	10740	-60.90	-40	-20.90	-70.84	3.49	13.43	H
	14316	-59.76	-40	-19.76	-70.00	3.85	14.09	H
	7152	-62.26	-40	-22.26	-73.72	2.84	14.30	V
	10740	-60.97	-40	-20.97	-70.91	3.49	13.43	V
	14316	-59.22	-40	-19.22	-69.46	3.85	14.09	V
Highest	7212	-62.01	-40	-22.01	-73.47	2.84	14.30	H
	10812	-61.14	-40	-21.14	-71.08	3.49	13.43	H
	14424	-60.04	-40	-20.04	-70.28	3.85	14.09	H
	7212	-61.77	-40	-21.77	-73.23	2.84	14.30	V
	10812	-61.04	-40	-21.04	-70.98	3.49	13.43	V
	14424	-59.49	-40	-19.49	-69.73	3.85	14.09	V

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