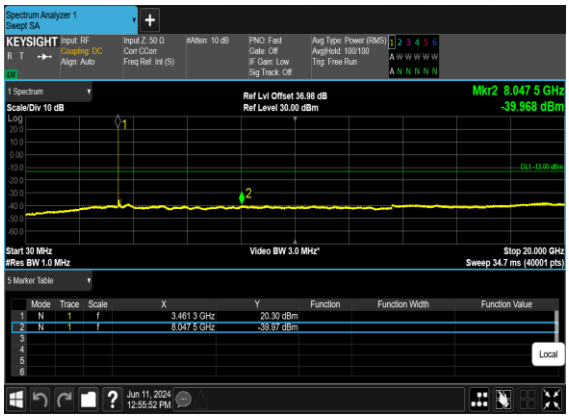
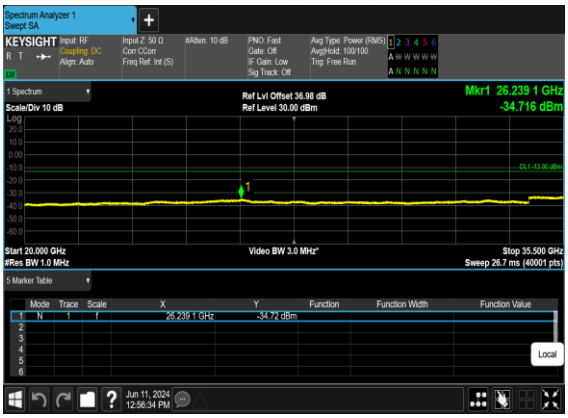
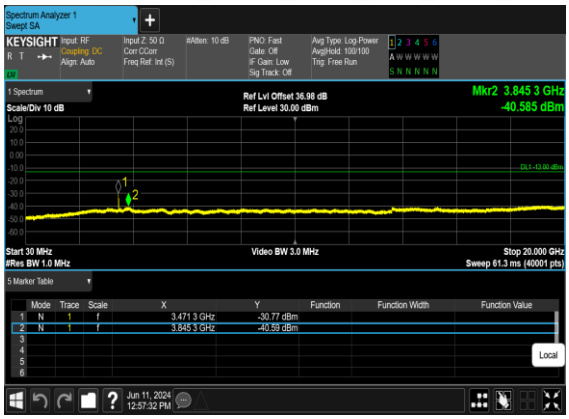
N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



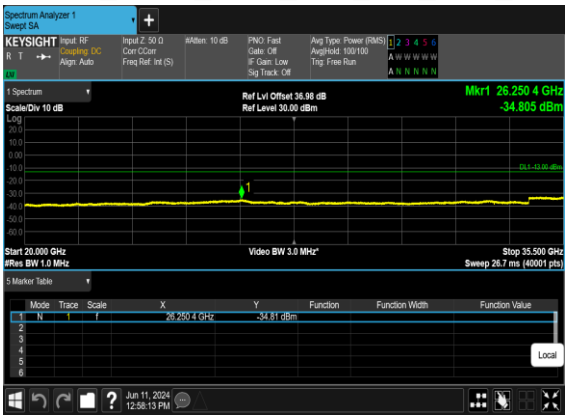
N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



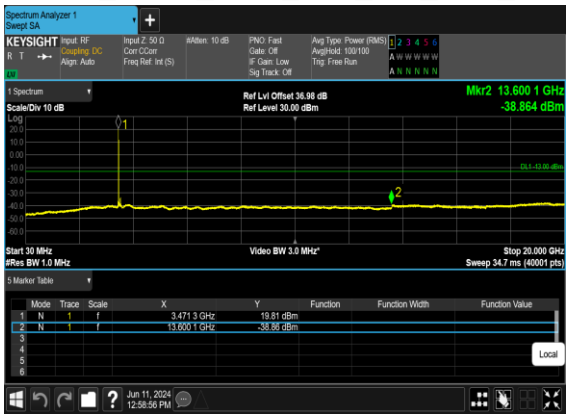
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



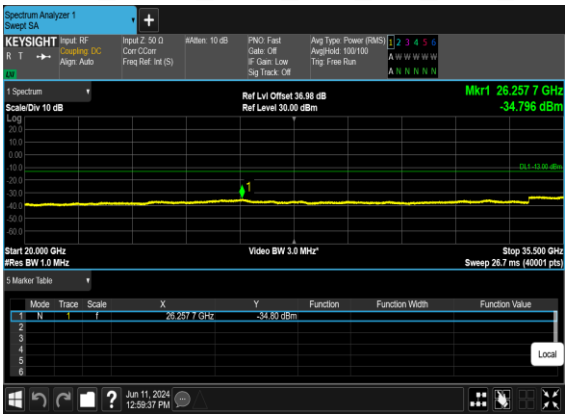
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



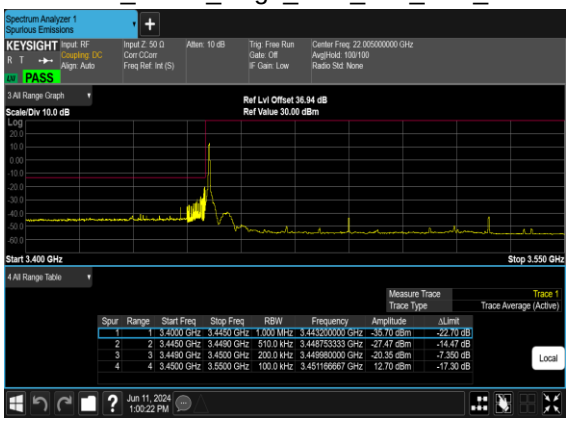
N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



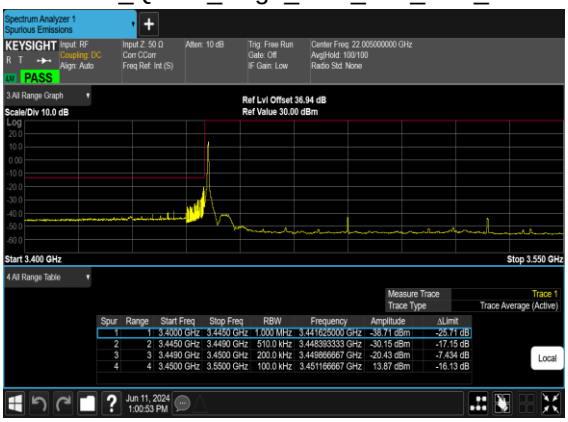
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	80	632668	3490.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	80	632668	3490.02	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	216@0	see graph	**PASS**
78	30	80	634000	3510.0	DFT-s-OFDM BPSK	1@216	see graph	**PASS**
78	30	80	634000	3510.0	DFT-s-OFDM QPSK	1@216	see graph	**PASS**
78	30	80	634000	3510.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
78	30	80	634000	3510.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**

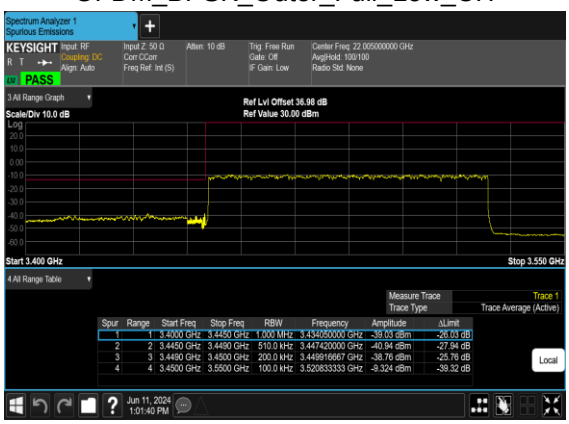
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



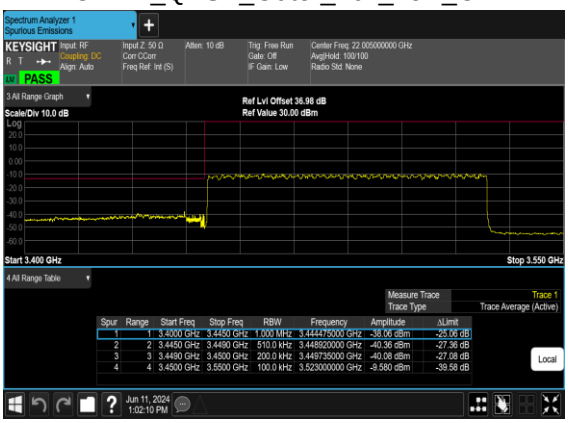
N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



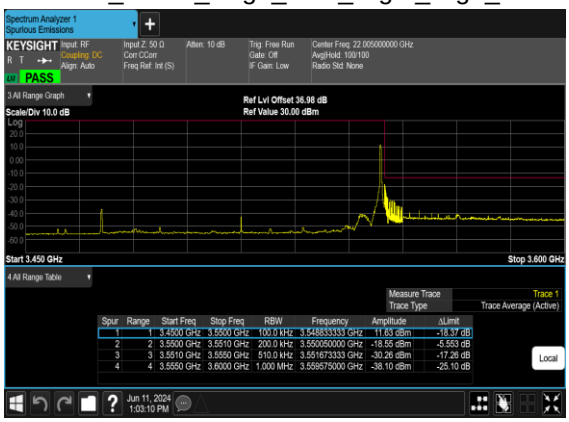
N78(80M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



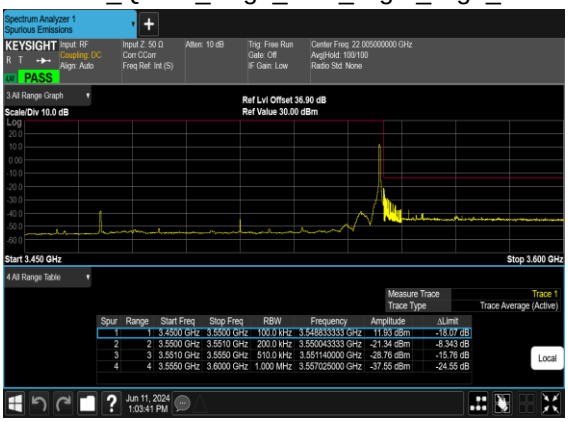
N78(80M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



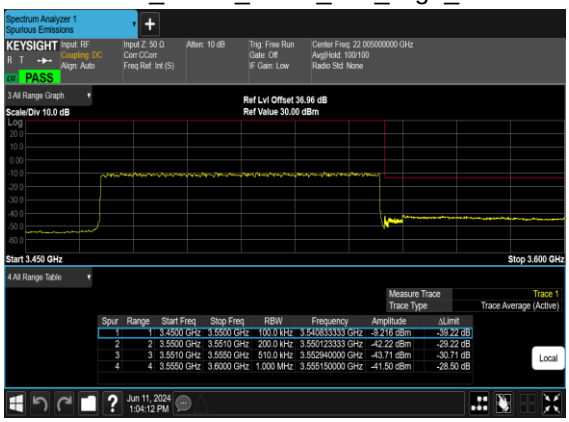
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



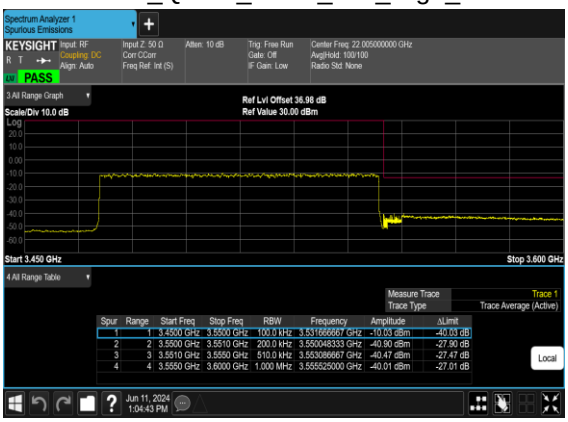
N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N78(80M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(80M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	23~25℃
		Relative Humidity :	41~42%

EN-DC_41A_n77A / LTE 10MHz + NR 100MHz / QPSK								
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	6900	-56.48	-13	-43.48	-66.69	3.03	13.24	H
	10356	-51.27	-13	-38.27	-60.72	3.56	13.01	H
	13824	-60.79	-13	-47.79	-70.31	3.92	13.44	H
	6900	-50.32	-13	-37.32	-60.53	3.03	13.24	V
	10356	-46.47	-13	-33.47	-55.92	3.56	13.01	V
	13824	-61.17	-13	-48.17	-70.69	3.92	13.44	V

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK								
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	6900	-52.82	-13	-39.82	-63.03	3.03	13.24	H
	10356	-51.47	-13	-38.47	-60.92	3.56	13.01	H
	13824	-59.20	-13	-46.20	-68.72	3.92	13.44	H
	6900	-52.59	-13	-39.59	-62.80	3.03	13.24	V
	10356	-55.05	-13	-42.05	-64.50	3.56	13.01	V
	13824	-59.24	-13	-46.24	-68.76	3.92	13.44	V

SA_n77 / 100MHz / QPSK								
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	6900	-58.59	-13	-45.59	-68.80	3.03	13.24	H
	10356	-52.67	-13	-39.67	-62.12	3.56	13.01	H
	13824	-60.93	-13	-47.93	-70.45	3.92	13.44	H
	6900	-59.48	-13	-46.48	-69.69	3.03	13.24	V
	10356	-51.07	-13	-38.07	-60.52	3.56	13.01	V
	13824	-60.20	-13	-47.20	-69.72	3.92	13.44	V

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