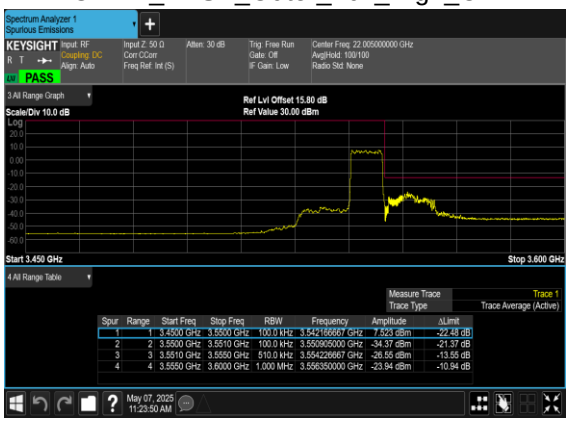
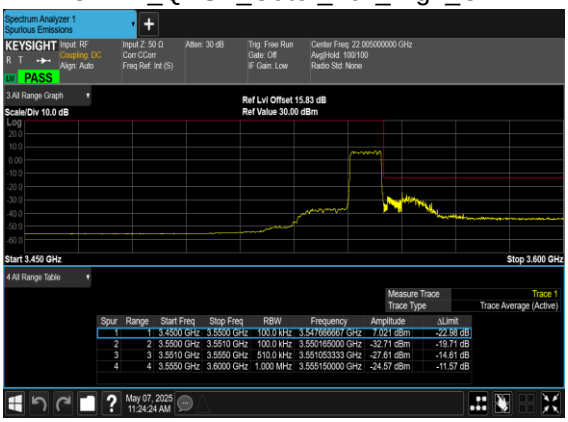
N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

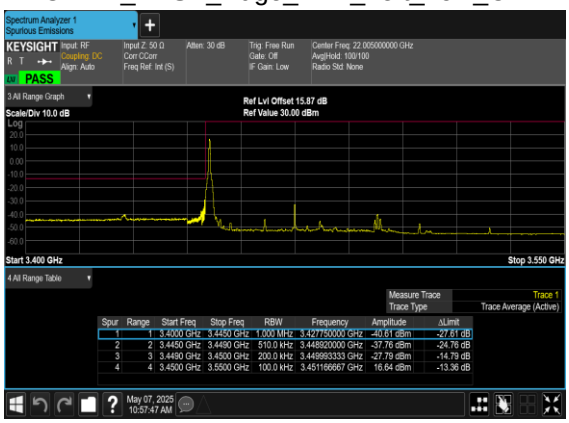
N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



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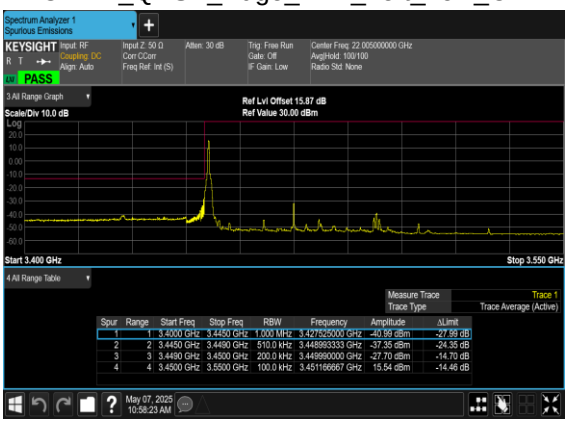
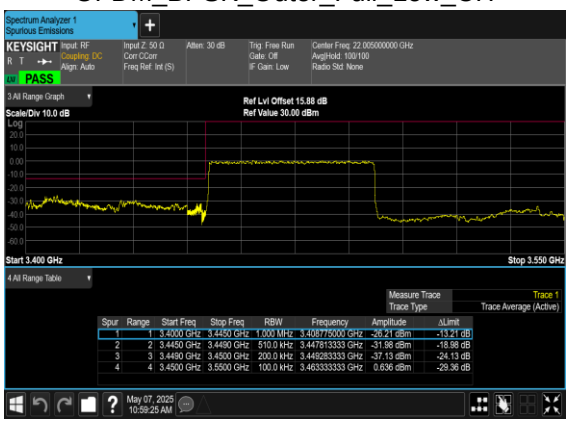
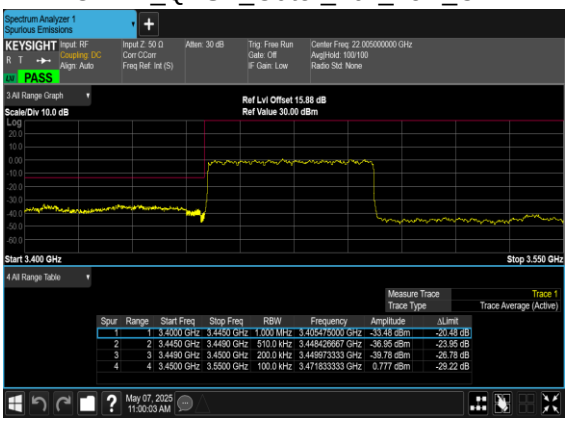


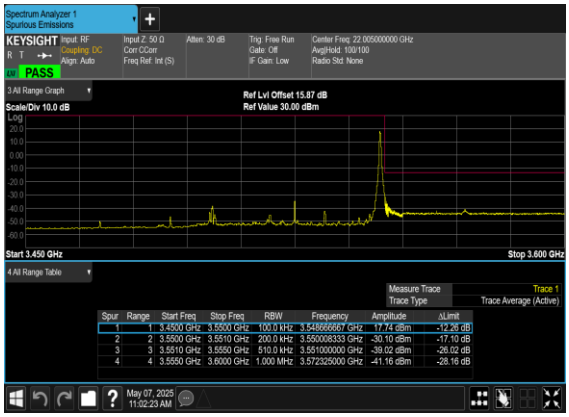
N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



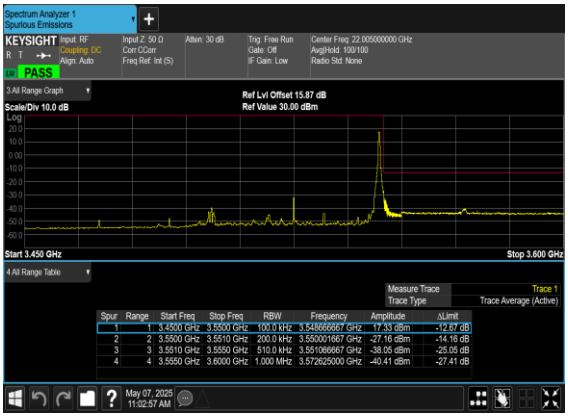
N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



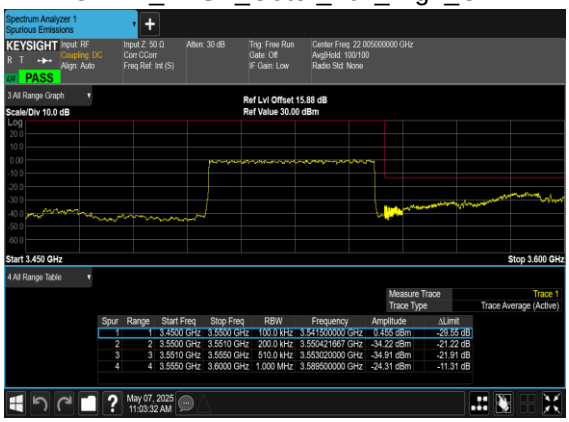
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



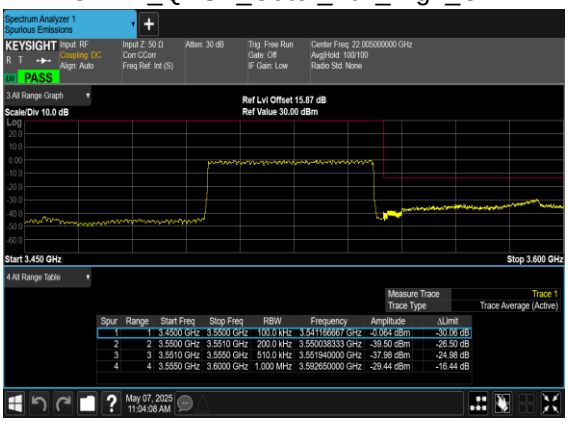
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



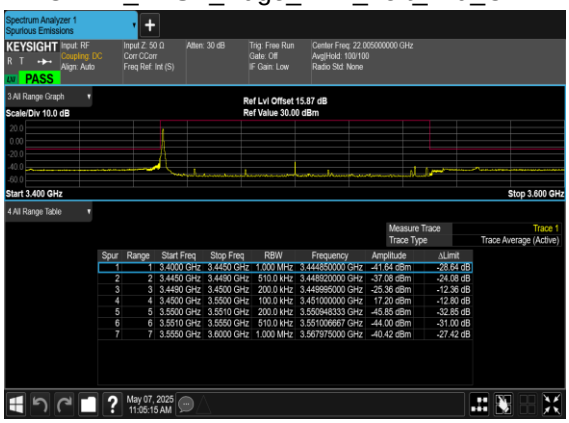
N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



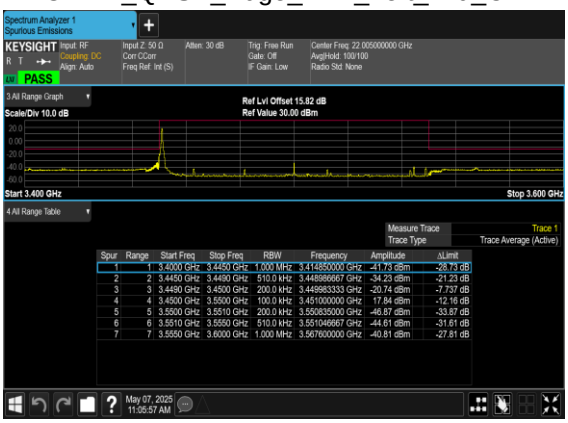
N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

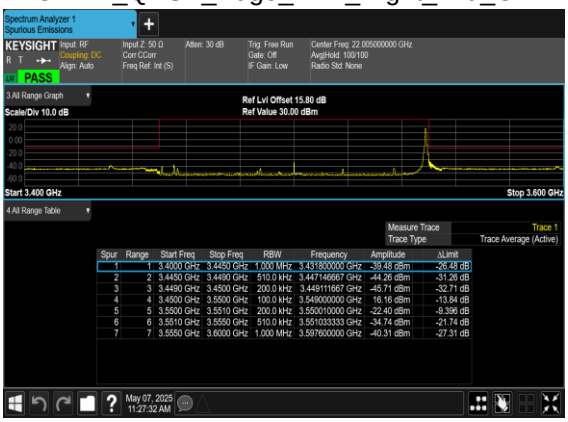


N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

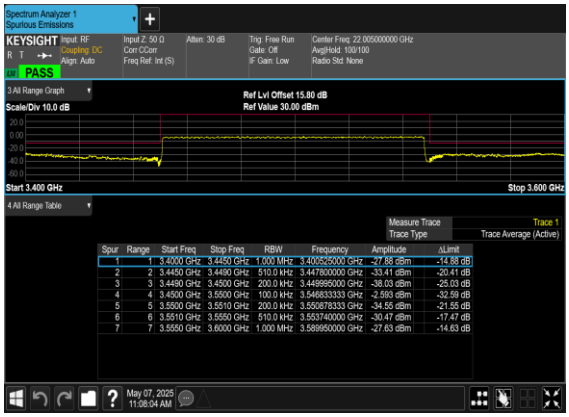


N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

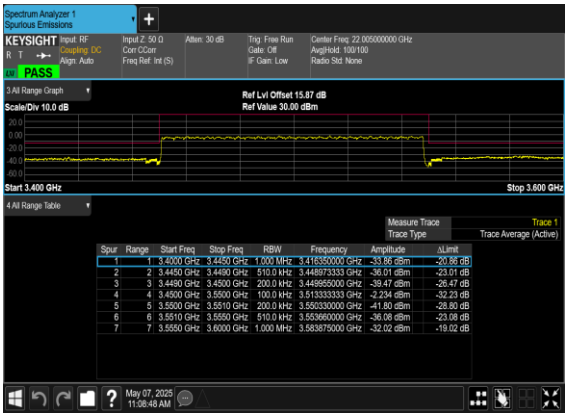
N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N78(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N78(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	22~25℃
		Relative Humidity :	48~52%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / NR 100MHz / QPSK(ANT7)									
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	6904.00	-60.33	-13	-47.33	-64.59	-63.63	8.30	11.60	H
	10356.00	-55.83	-13	-42.83	-67.59	-57.35	10.48	12.00	H
	13808.00	-53.24	-13	-40.24	-68.55	-54.94	11.80	13.50	H
	6904.00	-59.97	-13	-46.97	-64.71	-63.27	8.30	11.60	V
	10356.00	-56.47	-13	-43.47	-67.36	-57.99	10.48	12.00	V
	13808.00	-53.92	-13	-40.92	-68.57	-55.62	11.80	13.50	V

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

EN-DC_2A_n77A / LTE 10MHz + NR 100MHz / QPSK(ANT2+7)									
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)
NR n77 Middle	6904.00	-60.78	-13	-47.78	-65.04	-64.08	8.30	11.60	H
	10356.00	-56.12	-13	-43.12	-67.88	-57.64	10.48	12.00	H
	13808.00	-52.59	-13	-39.59	-67.90	-54.29	11.80	13.50	H
	6904.00	-60.06	-13	-47.06	-64.8	-63.36	8.30	11.60	V
	10356.00	-56.43	-13	-43.43	-67.32	-57.95	10.48	12.00	V
	13808.00	-53.36	-13	-40.36	-68.01	-55.06	11.80	13.50	V
LTE Band2 Middle	3751	-61.63	-13	-48.63	-79.42	-68.38	5.85	12.60	H
	5626.5	-58.87	-13	-45.87	-81.01	-64.67	7.30	13.10	H
	7502	-59.85	-13	-46.85	-65.65	-63.00	8.35	11.50	H
	3751	-61.51	-13	-48.51	-79.23	-68.26	5.85	12.60	V
	5626.5	-59.67	-13	-46.67	-81.53	-65.47	7.30	13.10	V
	7502	-59.69	-13	-46.69	-65.48	-62.84	8.35	11.50	V

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

n78 SA / NR 100MHz / QPSK(ANT7)									
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	6904.00	-60.77	-13	-47.77	-65.03	-64.07	8.30	11.60	H
	10356.00	-55.90	-13	-42.90	-67.66	-57.42	10.48	12.00	H
	13808.00	-52.89	-13	-39.89	-68.20	-54.59	11.80	13.50	H
	6904.00	-60.01	-13	-47.01	-64.75	-63.31	8.30	11.60	V
	10356.00	-56.76	-13	-43.76	-67.65	-58.28	10.48	12.00	V
	13808.00	-53.60	-13	-40.60	-68.25	-55.30	11.80	13.50	V

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

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK(ANT2+7)									
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)
NR n78 Middle	6904.00	-60.59	-13	-47.59	-64.85	-63.89	8.30	11.60	H
	10356.00	-55.97	-13	-42.97	-67.73	-57.49	10.48	12.00	H
	13808.00	-52.90	-13	-39.90	-68.21	-54.60	11.80	13.50	H
	6904.00	-59.94	-13	-46.94	-64.68	-63.24	8.30	11.60	V
	10356.00	-56.77	-13	-43.77	-67.66	-58.29	10.48	12.00	V
	13808.00	-53.31	-13	-40.31	-67.96	-55.01	11.80	13.50	V
LTE Band41 Middle	5177.00	-51.64	-25	-26.64	-73.17	-57.20	7.14	12.70	H
	7765.50	-59.23	-25	-34.23	-65.21	-62.53	8.30	11.60	H
	10354.00	-55.97	-25	-30.97	-67.73	-57.49	10.48	12.00	H
	5177.00	-51.30	-25	-26.30	-73.12	-56.86	7.14	12.70	V
	7765.50	-59.40	-25	-34.40	-65.22	-62.70	8.30	11.60	V
	10354.00	-56.77	-25	-31.77	-67.66	-58.29	10.48	12.00	V

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