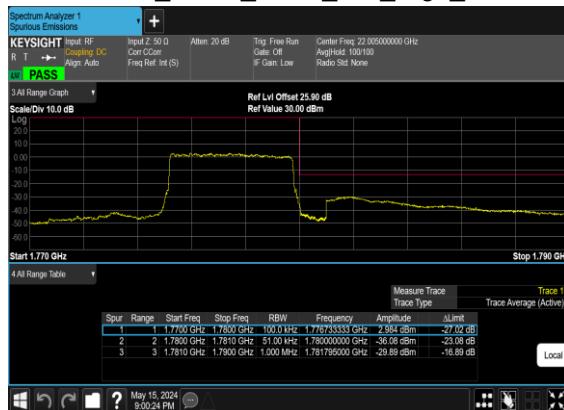
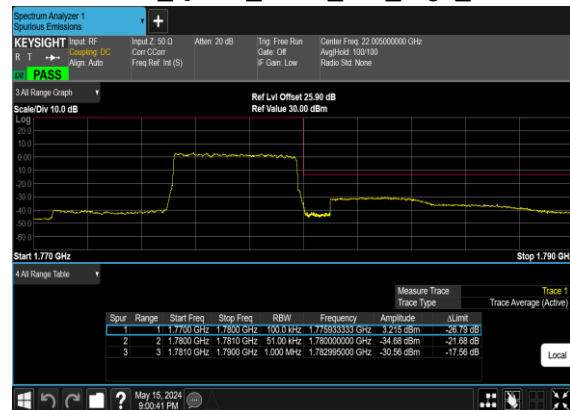
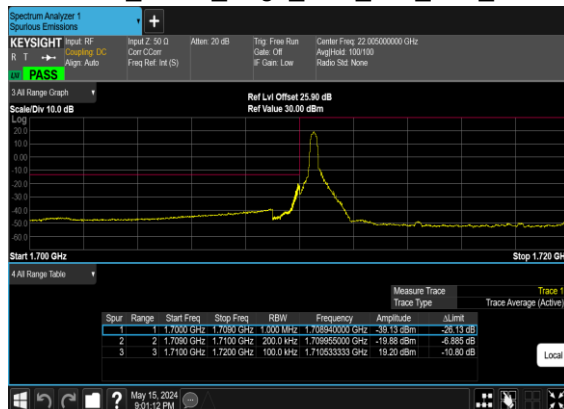
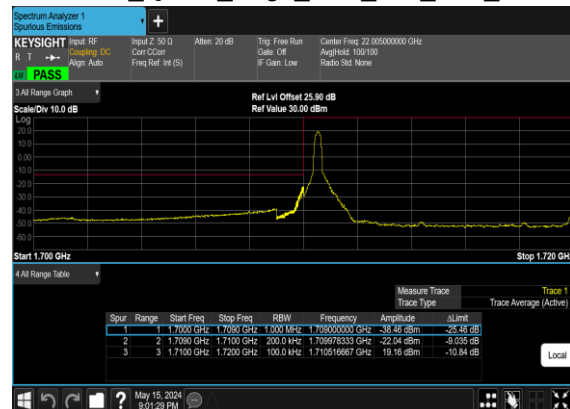
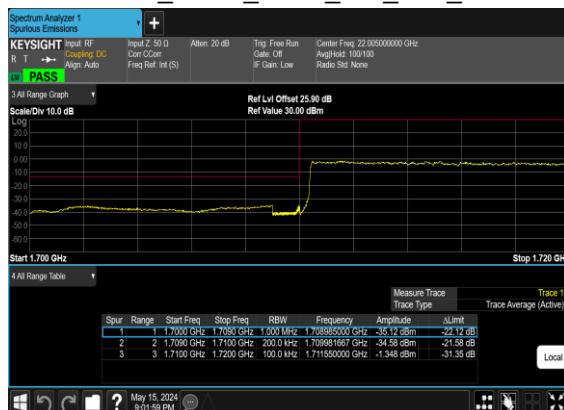
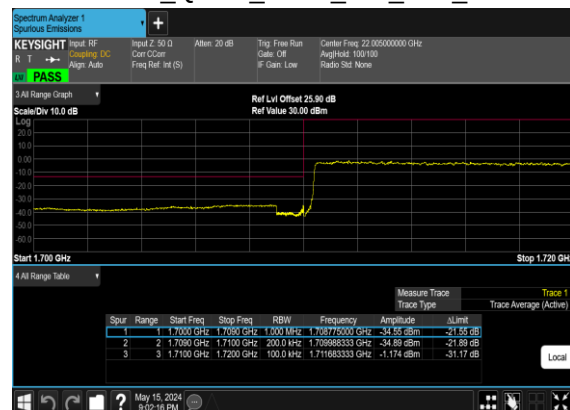
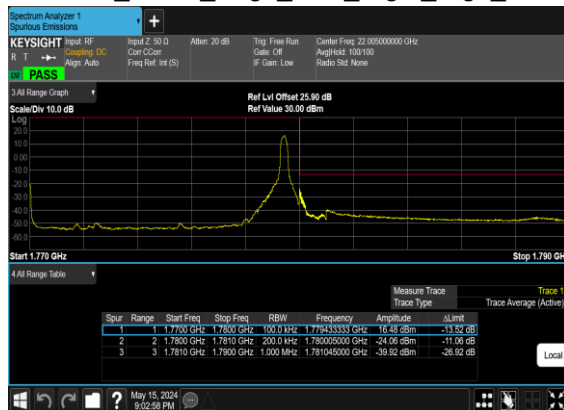
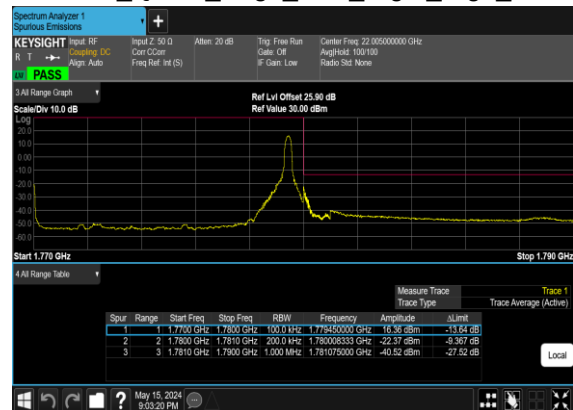
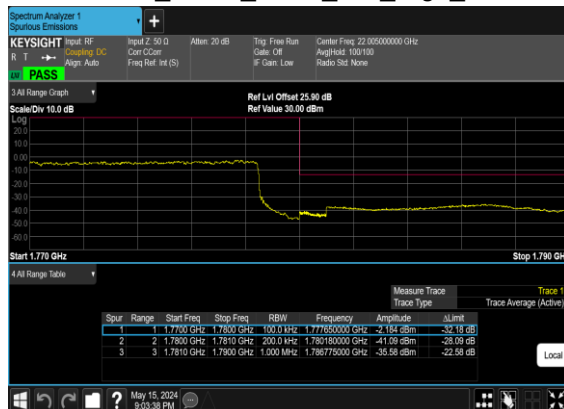
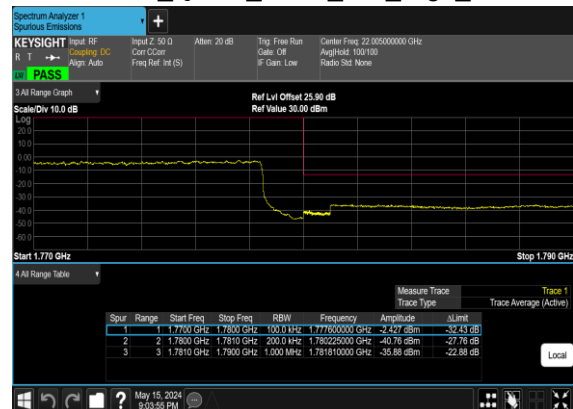
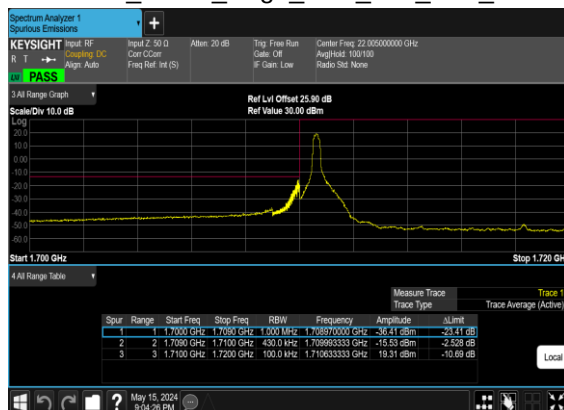
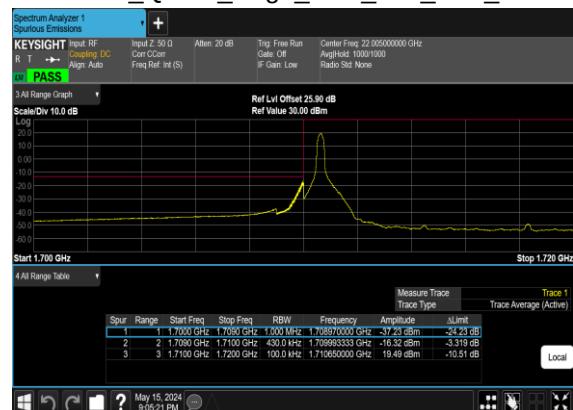
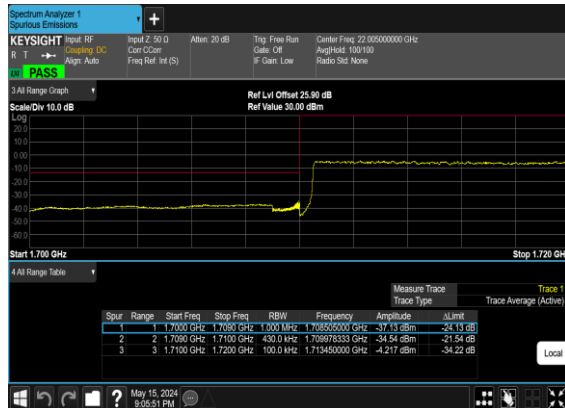
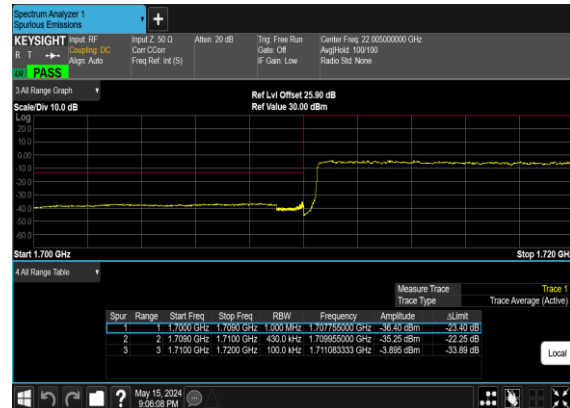
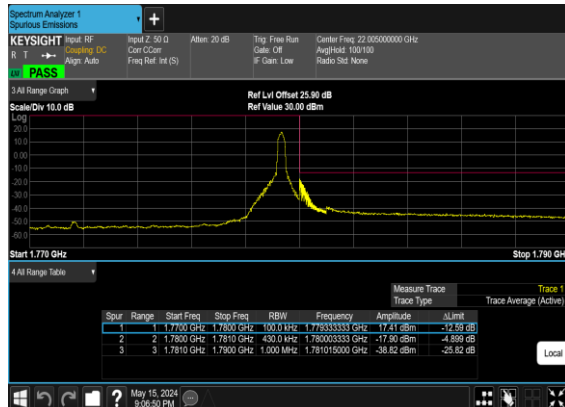
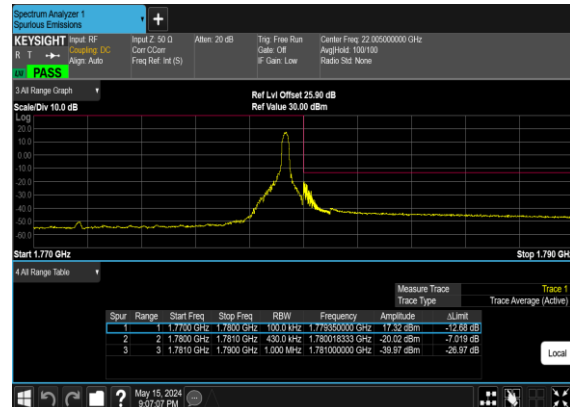
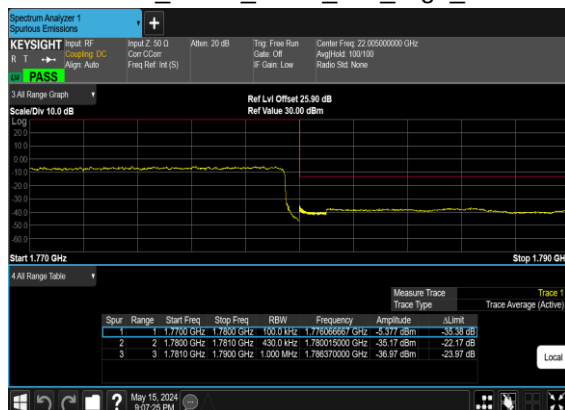
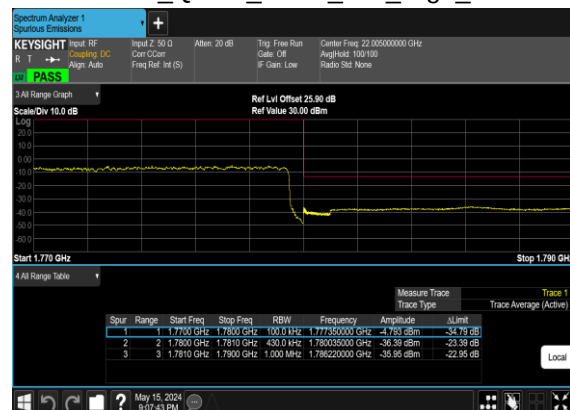


B2_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHB2_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CHB2_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHB2_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHB2_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHB2_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

B2_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHB2_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHB2_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHB2_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CHB2_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHB2_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

B2_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHB2_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CHB2_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHB2_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHB2_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHB2_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Kuang Jia	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

n2 SA / NR 20MHz / QPSK / ANT 4									
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	3731.56	-63.72	-13	-50.72	-78.31	-70.47	5.85	12.60	H
	5597.34	-62.17	-13	-49.17	-79.86	-67.97	7.30	13.10	H
	7463.12	-56.67	-13	-43.67	-79.16	-59.82	8.35	11.50	H
	3731.56	-63.47	-13	-50.47	-78.3	-70.22	5.85	12.60	V
	5597.34	-62.06	-13	-49.06	-79.69	-67.86	7.30	13.10	V
	7463.12	-56.61	-13	-43.61	-79.06	-59.76	8.35	11.50	V

EN-DC_4A_n2A / LTE 20MHz + NR 20MHz / QPSK / ANT 4									
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 n2 Middle	3741.23	-43.52	-13	-30.52	-62.10	-50.27	5.85	12.60	H
	5611.84	-39.91	-13	-26.91	-62.30	-45.71	7.30	13.10	H
	7482.46	-52.73	-13	-39.73	-79.66	-55.88	8.35	11.50	H
	3741.23	-47.81	-13	-34.81	-66.31	-54.56	5.85	12.60	V
	5611.84	-39.66	-13	-26.66	-62.24	-45.46	7.30	13.10	V
	7482.46	-53.06	-13	-40.06	-79.98	-56.21	8.35	11.50	V
LTE Band4 Middle	3447	-61.53	-13	-48.53	-78.30	-68.28	5.85	12.60	H
	5170.5	-60.60	-13	-47.60	-82.43	-66.40	7.30	13.10	H
	6894	-56.33	-13	-43.33	-81.90	-59.48	8.35	11.50	H
	3447	-61.54	-13	-48.54	-78.35	-68.29	5.85	12.60	V
	5170.5	-60.27	-13	-47.27	-82.37	-66.07	7.30	13.10	V
	6894	-56.26	-13	-43.26	-82.31	-59.41	8.35	11.50	V

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



SA n5 / 20MHz / QPSK / ANT0									
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	1654.5	-67.77	-13	-54.77	-74.05	-71.02	4.00	9.40	H
	2481.75	-65.13	-13	-52.13	-75.45	-68.70	4.88	10.60	H
	3309	-64.42	-13	-51.42	-76.75	-69.35	5.52	12.60	H
	1654.5	-67.97	-13	-54.97	-74.10	-71.22	4.00	9.40	V
	2481.75	-65.19	-13	-52.19	-75.87	-68.76	4.88	10.60	V
	3309	-63.98	-13	-50.98	-76.75	-68.91	5.52	12.60	V

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

SA n26 / 20MHz / QPSK / ANT0									
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	1654.2	-67.57	-13	-54.57	-73.85	-70.82	4.00	9.40	H
	2481.3	-65.17	-13	-52.17	-75.49	-68.74	4.88	10.60	H
	3308.4	-64.28	-13	-51.28	-76.62	-69.21	5.52	12.60	H
	1654.2	-68.05	-13	-55.05	-74.18	-71.30	4.00	9.40	V
	2481.3	-64.98	-13	-51.98	-75.66	-68.55	4.88	10.60	V
	3308.4	-63.71	-13	-50.71	-76.49	-68.64	5.52	12.60	V

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

SA n66 /NR 40MHz / QPSK / ANT 4									
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	3452	-64.96	-13	-51.96	-77.55	-71.81	5.65	12.50	H
	5178	-62.68	-13	-49.68	-80.22	-68.35	7.13	12.80	H
	6904	-59.45	-13	-46.45	-80.18	-62.85	8.40	11.80	H
	3452	-64.24	-13	-51.24	-77.38	-71.09	5.65	12.50	V
	5178	-62.70	-13	-49.70	-80.18	-68.37	7.13	12.80	V
	6904	-59.44	-13	-46.44	-80.1	-62.84	8.40	11.80	V

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



EN-DC_5A_n66A / LTE 10MHz + NR 40MHz / QPSK (ANT4+0)									
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 n66 Middle	3451.43	-50.43	-13	-37.43	-67.20	-57.28	5.65	12.50	H
	5177.14	-45.44	-13	-32.44	-67.23	-51.11	7.13	12.80	H
	6902.86	-52.35	-13	-39.35	-77.91	-55.75	8.40	11.80	H
	8628.57	-50.13	-13	-37.13	-79.33	-52.98	8.75	11.60	H
	3451.43	-49.81	-13	-36.81	-66.62	-56.66	5.65	12.50	V
	5177.14	-46.01	-13	-33.01	-68.09	-51.68	7.13	12.80	V
	6902.86	-49.87	-13	-36.87	-75.91	-53.27	8.40	11.80	V
	8628.57	-50.33	-13	-37.33	-78.85	-53.18	8.75	11.60	V
LTE Band5 Middle	1664	-65.94	-13	-52.94	-75.88	-69.19	4.00	9.40	H
	2496	-62.49	-13	-49.49	-76.93	-66.06	4.88	10.60	H
	3328	-62.57	-13	-49.57	-78.73	-67.50	5.52	12.60	H
	1664	-65.75	-13	-52.75	-75.29	-69.00	4.00	9.40	V
	2496	-62.28	-13	-49.28	-76.68	-65.85	4.88	10.60	V
	3328	-62.73	-13	-49.73	-78.65	-67.66	5.52	12.60	V

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

EN-DC_2A_n66A / LTE 20MHz + NR 20MHz / QPSK (ANT0+4)									
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 n66 Middle	3451.43	-46.30	-13	-33.30	-63.07	-53.15	5.65	12.50	H
	5177.14	-47.21	-13	-34.21	-69.00	-52.88	7.13	12.80	H
	6902.86	-53.62	-13	-40.62	-79.18	-57.02	8.40	11.80	H
	8628.57	-47.44	-13	-34.44	-76.64	-50.29	8.75	11.60	H
	3451.43	-49.85	-13	-36.85	-66.66	-56.70	5.65	12.50	V
	5177.14	-48.72	-13	-35.72	-70.8	-54.39	7.13	12.80	V
	6902.86	-50.23	-13	-37.23	-76.27	-53.63	8.40	11.80	V
	8628.57	-50.41	-13	-37.41	-78.93	-53.26	8.75	11.60	V
LTE Band2 Middle	3742	-61.17	-13	-48.17	-79.75	-67.92	5.85	12.60	H
	5613	-59.28	-13	-46.28	-81.67	-65.08	7.30	13.10	H
	7484	-55.25	-13	-42.25	-82.18	-58.40	8.35	11.50	H
	3742	-61.20	-13	-48.20	-79.7	-67.95	5.85	12.60	V
	5613	-59.63	-13	-46.63	-82.21	-65.43	7.30	13.10	V
	7484	-55.33	-13	-42.33	-82.25	-58.48	8.35	11.50	V

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