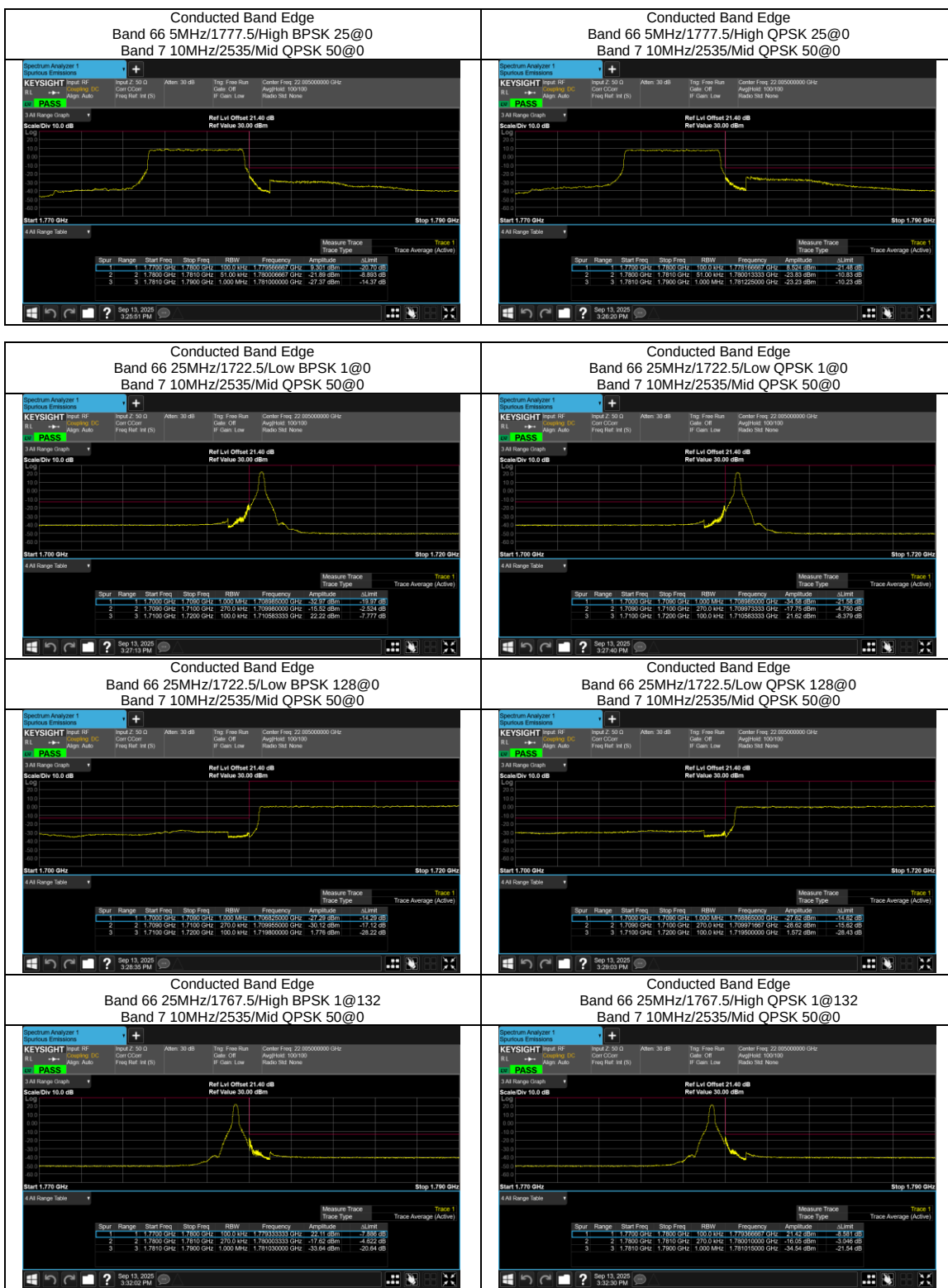
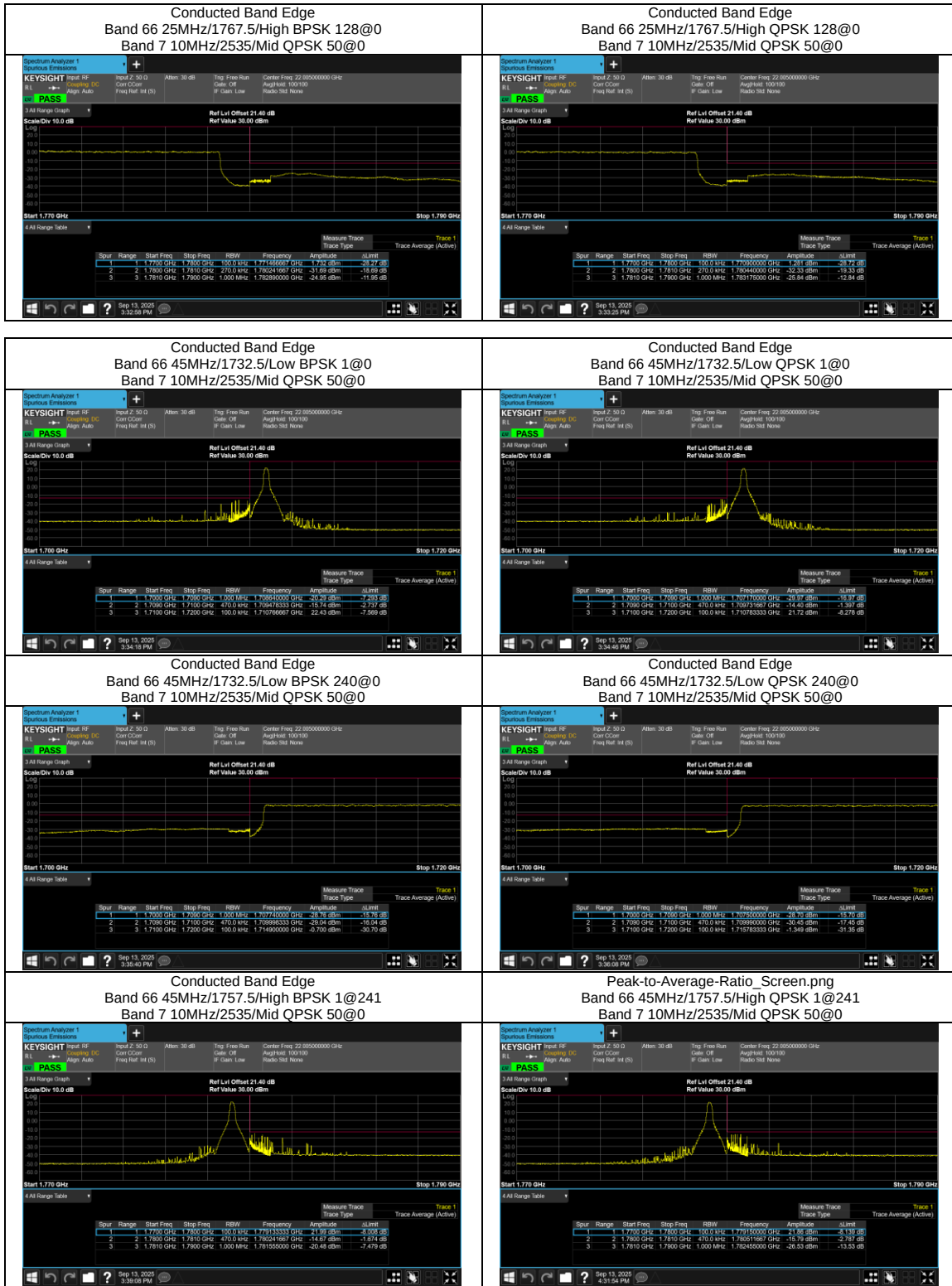
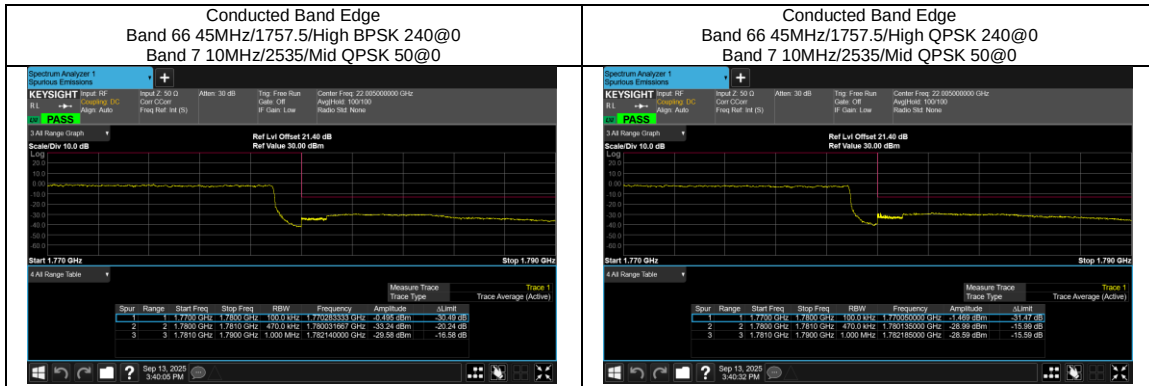










Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jia Kuang	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 40MHz / QPSK(ANT4)									
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	3722	-60.22	-13	-47.22	-78.28	-66.97	5.85	12.60	H
	5583	-59.22	-13	-46.22	-81.21	-65.02	7.30	13.10	H
	7444	-55.61	-13	-42.61	-81.64	-58.76	8.35	11.50	H
	3722	-60.83	-13	-47.83	-78.8	-67.58	5.85	12.60	V
	5583	-59.25	-13	-46.25	-81.43	-65.05	7.30	13.10	V
	7444	-55.69	-13	-42.69	-81.73	-58.84	8.35	11.50	V

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

n26 SA / NR 20MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	ERP (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	-64.17	-13	-51.17	-73.72	-67.42	4.00	9.40	H
	2481	-60.80	-13	-47.80	-74.70	-64.37	4.88	10.60	H
	3308	-61.77	-13	-48.77	-77.69	-66.70	5.52	12.60	H
	1654	-66.04	-13	-53.04	-75.33	-69.29	4.00	9.40	V
	2481	-63.04	-13	-50.04	-76.91	-66.61	4.88	10.60	V
	3308	-62.20	-13	-49.20	-77.90	-67.13	5.52	12.60	V

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

EN-DC 7A n5A / LTE 10MHz + NR 20MHz / QPSK (ANT4+0) other PA									
Channel	Frequency (MHz)	ERP/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 n5 Middle	1655	-67.36	-13	-54.36	-76.92	-70.61	4.00	9.40	H
	2482.5	-64.68	-13	-51.68	-78.58	-68.25	4.88	10.60	H
	3310	-63.78	-13	-50.78	-79.70	-68.71	5.52	12.60	H
	1655	-67.34	-13	-54.34	-76.50	-70.59	4.00	9.40	V
	2482.5	-64.26	-13	-51.26	-78.13	-67.83	4.88	10.60	V
	3310	-63.94	-13	-50.94	-79.64	-68.87	5.52	12.60	V
LTE Band7 Middle	5061.00	-59.20	-25	-34.20	-80.96	-64.76	7.14	12.70	H
	7591.50	-54.90	-25	-29.90	-80.59	-58.20	8.30	11.60	H



	10122.00	-51.15	-25	-26.15	-81.30	-52.67	10.48	12.00	H
	5061.00	-58.76	-25	-33.76	-80.66	-64.32	7.14	12.70	V
	7591.50	-54.72	-25	-29.72	-80.36	-58.02	8.30	11.60	V
	10122.00	-52.50	-25	-27.50	-81.28	-54.02	10.48	12.00	V

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

n66 SA / NR 45MHz / QPSK(ANT4)									
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	-61.90	-13	-48.90	-78.41	-68.75	5.65	12.50	H
	5178	-60.00	-13	-47.00	-81.56	-65.67	7.13	12.80	H
	6904	-56.70	-13	-43.70	-81.88	-60.10	8.40	11.80	H
	3452	-62.21	-13	-49.21	-78.76	-69.06	5.65	12.50	V
	5178	-58.79	-13	-45.79	-80.64	-64.46	7.13	12.80	V
	6904	-56.23	-13	-43.23	-81.89	-59.63	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 45MHz / QPSK (ANT0+4)									
Channel	Frequency (MHz)	ERP/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	3452	-62.81	-13	-49.81	-79.32	-69.66	5.65	12.50	H
	5178	-60.51	-13	-47.51	-82.07	-66.18	7.13	12.80	H
	6904	-57.22	-13	-44.22	-82.40	-60.62	8.40	11.80	H
	3452	-62.76	-13	-49.76	-79.31	-69.61	5.65	12.50	V
	5178	-59.81	-13	-46.81	-81.66	-65.48	7.13	12.80	V
	6904	-56.91	-13	-43.91	-82.57	-60.31	8.40	11.80	V
LTE Band5 Middle	1664	-64.39	-13	-51.39	-73.95	-67.64	4.00	9.40	H
	2496	-63.84	-13	-50.84	-77.69	-67.41	4.88	10.60	H
	3328	-63.65	-13	-50.65	-79.40	-68.58	5.52	12.60	H
	1664	-65.81	-13	-52.81	-74.97	-69.06	4.00	9.40	V
	2496	-62.67	-13	-49.67	-76.48	-66.24	4.88	10.60	V
	3328	-63.70	-13	-50.70	-79.21	-68.63	5.52	12.60	V

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



EN-DC_7A_n66A / LTE 10MHz + NR 45MHz / QPSK (ANT4+6) other PA									
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	3452	-62.71	-13	-49.71	-79.22	-69.56	5.65	12.50	H
	5178	-60.56	-13	-47.56	-82.12	-66.23	7.13	12.80	H
	6904	-57.49	-13	-44.49	-82.67	-60.89	8.40	11.80	H
	3452	-62.80	-13	-49.80	-79.35	-69.65	5.65	12.50	V
	5178	-59.74	-13	-46.74	-81.59	-65.41	7.13	12.80	V
	6904	-56.95	-13	-43.95	-82.61	-60.35	8.40	11.80	V
LTE Band7 Middle	5061.00	-59.84	-25	-34.84	-81.60	-65.40	7.14	12.70	H
	7591.50	-56.62	-25	-31.62	-82.31	-59.92	8.30	11.60	H
	10122.00	-52.90	-25	-27.90	-83.05	-54.42	10.48	12.00	H
	5061.00	-59.31	-25	-34.31	-81.21	-64.87	7.14	12.70	V
	7591.50	-56.28	-25	-31.28	-81.92	-59.58	8.30	11.60	V
	10122.00	-54.35	-25	-29.35	-83.13	-55.87	10.48	12.00	V

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