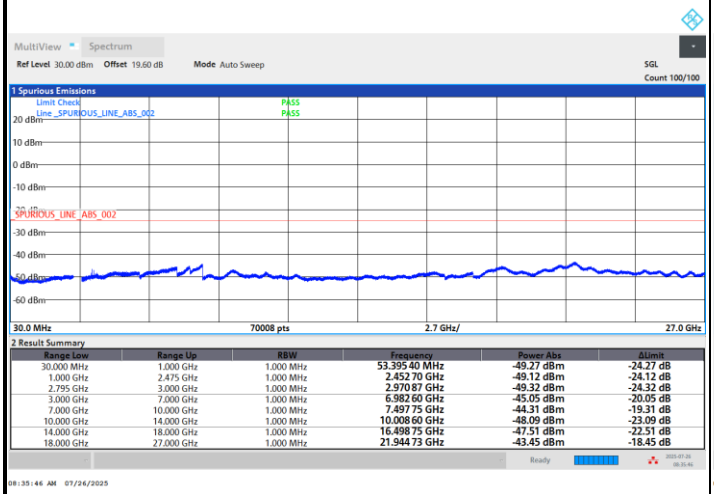
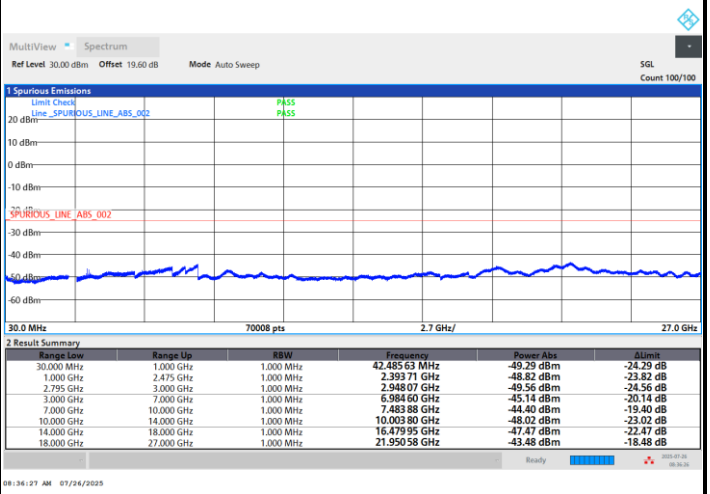
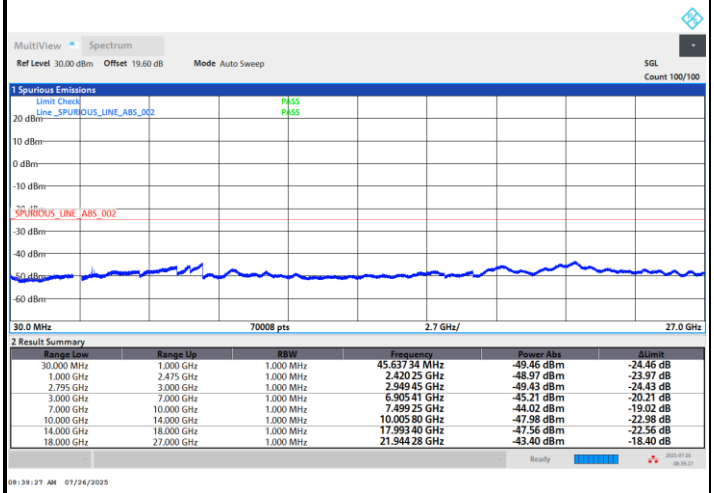
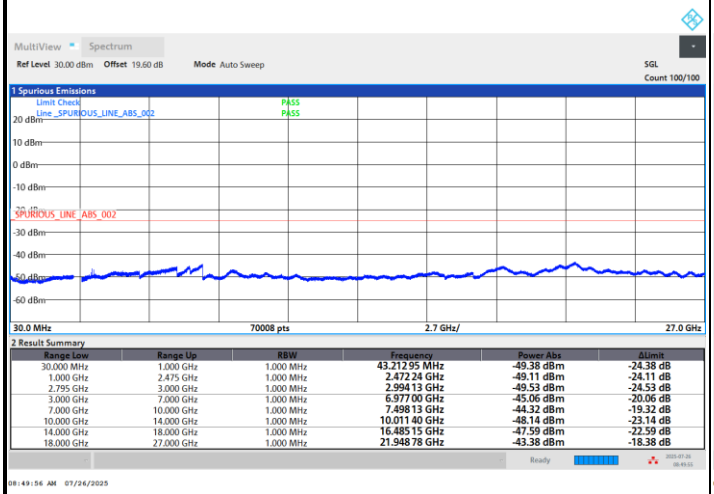
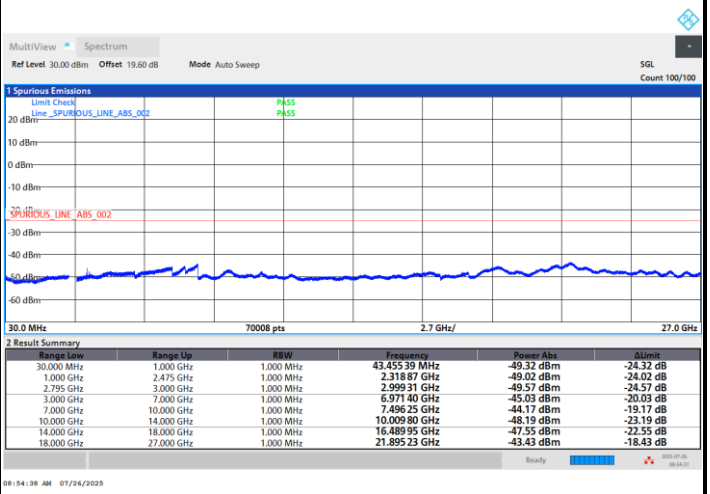
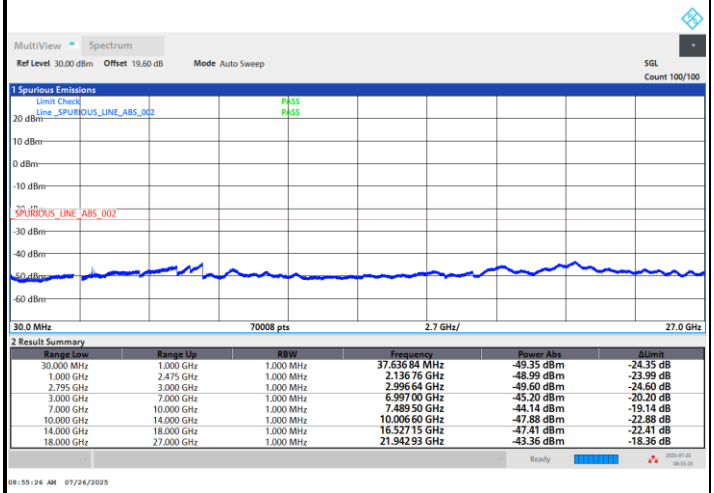
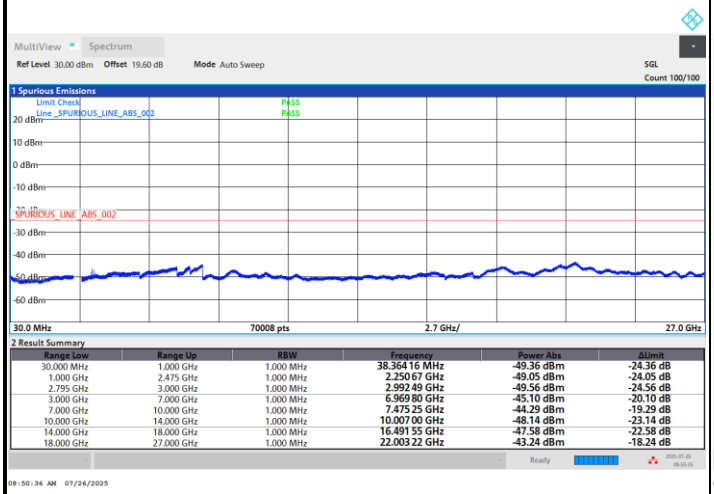
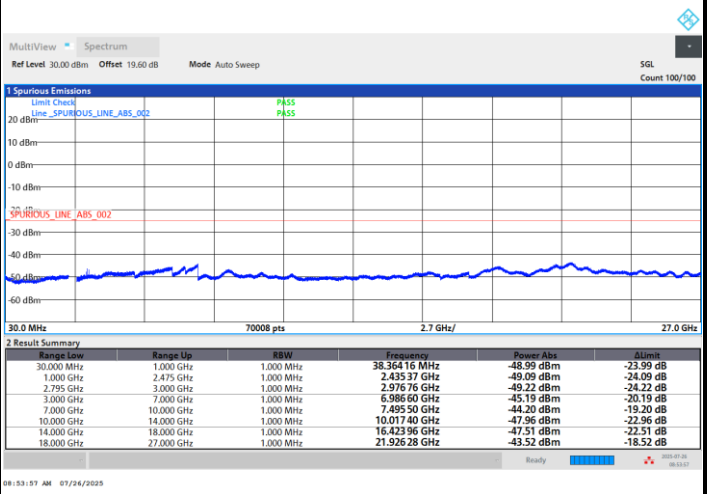
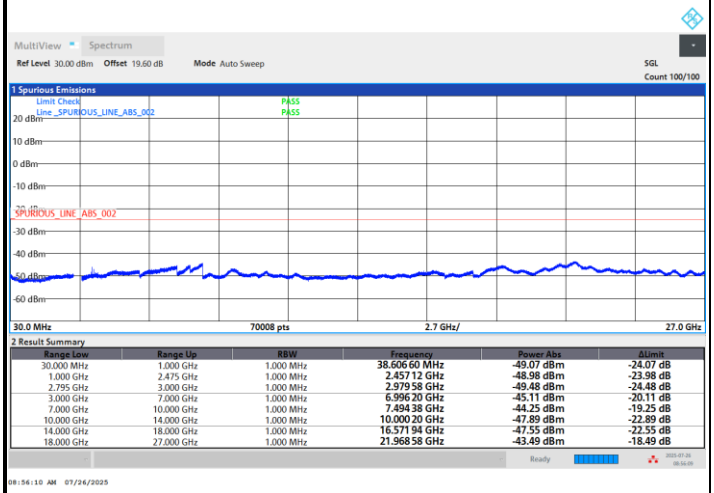
FR1 n41AA / 50MHz+20MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB0	**Middle Channel / 1RB0**
	
Hightest Channel / 1RB0	**NA**
	/

FR1 n41AA / 100MHz+20MHz / DFT-S OFDM / BPSK	
Lowest Channel / 1RB0	**Middle Channel / 1RB0**
	
Hightest Channel / 1RB0	**NA**
	/

FR1 n41AA / 100MHz+20MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB0	**Middle Channel / 1RB0**
	
Hightest Channel / 1RB0	**NA**
	/

Frequency Stability

Test Conditions		FR1 n41AA (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz+20MHz	Note 2.
		Deviation (Hz)	Result
50	Normal Voltage	7.2	PASS
40	Normal Voltage	5.4	
30	Normal Voltage	6.2	
20(Ref.)	Normal Voltage	4.6	
10	Normal Voltage	3.4	
0	Normal Voltage	4.2	
-10	Normal Voltage	6.3	
-20	Normal Voltage	5.8	
-30	Normal Voltage	5.1	
20	Maximum Voltage	6.2	
20	Normal Voltage	4.6	
20	Battery End Point	6.2	

|MAX(△f)| = 7.6 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
f_L – |MAX(△f)|	2496.442282	≧ 2496 MHz	PASS
f_H + |MAX(△f)|	2687.768808	≦ 2690 MHz	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

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

n7 SA / NR 50MHz / 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	5022.00	-59.56	-25	-34.56	-81.39	-65.12	7.14	12.70	H
	7533.00	-51.71	-25	-26.71	-77.53	-55.01	8.30	11.60	H
	10044.00	-51.05	-25	-26.05	-81.25	-52.57	10.48	12.00	H
	5022.00	-59.39	-25	-34.39	-81.31	-64.95	7.14	12.70	V
	7533.00	-53.34	-25	-28.34	-79.14	-56.64	8.30	11.60	V
	10044.00	-52.73	-25	-27.73	-81.37	-54.25	10.48	12.00	V

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

EN-DC_7A_n7A / LTE 10MHz + NR 50MHz / QPSK (ANT1+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 n7 Middle	5025.00	-57.20	-25	-32.20	-77.81	-62.76	7.14	12.70	H
	7537.50	-54.46	-25	-29.46	-79.68	-57.76	8.30	11.60	H
	10050.00	-52.43	-25	-27.43	-83.10	-53.95	10.48	12.00	H
	5025.00	-55.43	-25	-30.43	-76.13	-60.99	7.14	12.70	V
	7537.50	-53.92	-25	-28.92	-79.11	-57.22	8.30	11.60	V
	10050.00	-51.53	-25	-26.53	-80.64	-53.05	10.48	12.00	V
LTE Band7 Middle	5061.18	-57.22	-25	-32.22	-77.74	-62.78	7.14	12.70	H
	7591.77	-54.86	-25	-29.86	-79.93	-58.16	8.30	11.60	H
	10122.36	-51.32	-25	-26.32	-82.06	-52.84	10.48	12.00	H
	5061.18	-56.03	-25	-31.03	-76.69	-61.59	7.14	12.70	V
	7591.77	-54.56	-25	-29.56	-79.58	-57.86	8.30	11.60	V
	10122.36	-51.20	-25	-26.20	-80.57	-52.72	10.48	12.00	V

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

n41 SA / NR 100MHz / QPSK(ANT1)									
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	5090.00	-56.03	-25	-31.03	-77.73	-61.59	7.14	12.70	H
	7635.00	-51.69	-25	-26.69	-77.44	-54.99	8.30	11.60	H
	10180.00	-51.13	-25	-26.13	-81.25	-52.65	10.48	12.00	H
	5090.00	-57.16	-25	-32.16	-79.04	-62.72	7.14	12.70	V
	7635.00	-54.30	-25	-29.30	-79.97	-57.60	8.30	11.60	V
	10180.00	-52.21	-25	-27.21	-81.08	-53.73	10.48	12.00	V

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

EN-DC_41A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT1+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 n41 Middle	5089.00	-57.46	-25	-32.46	-77.90	-63.02	7.14	12.70	H
	7633.50	-54.75	-25	-29.75	-79.86	-58.05	8.30	11.60	H
	10178.00	-52.25	-25	-27.25	-83.04	-53.77	10.48	12.00	H
	5089.00	-56.53	-25	-31.53	-77.15	-62.09	7.14	12.70	V
	7633.50	-54.03	-25	-29.03	-79.06	-57.33	8.30	11.60	V
	10178.00	-51.69	-25	-26.69	-81.23	-53.21	10.48	12.00	V
LTE Band41 Middle	5177.18	-56.16	-25	-31.16	-76.39	-61.72	7.14	12.70	H
	7765.77	-55.03	-25	-30.03	-80.32	-58.33	8.30	11.60	H
	10354.36	-51.30	-25	-26.30	-82.25	-52.82	10.48	12.00	H
	5177.18	-55.86	-25	-30.86	-76.38	-61.42	7.14	12.70	V
	7765.77	-52.04	-25	-27.04	-77.17	-55.34	8.30	11.60	V
	10354.36	-51.33	-25	-26.33	-81.41	-52.85	10.48	12.00	V

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

n38 SA / NR 40MHz / 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	5090.00	-56.03	-25	-31.03	-77.73	-61.59	7.14	12.70	H
	7635.00	-51.69	-25	-26.69	-77.44	-54.99	8.30	11.60	H
	10180.00	-51.13	-25	-26.13	-81.25	-52.65	10.48	12.00	H
	5090.00	-57.16	-25	-32.16	-79.04	-62.72	7.14	12.70	V
	7635.00	-54.30	-25	-29.30	-79.97	-57.60	8.30	11.60	V
	10180.00	-52.21	-25	-27.21	-81.08	-53.73	10.48	12.00	V

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

EN-DC_n41AA / LTE 20MHz + NR 100MHz / QPSK(ANT1+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 n41 Middle	5070.00	-57.77	-25	-32.77	-79.55	-63.33	7.14	12.70	H
	7605.00	-54.28	-25	-29.28	-80.00	-57.58	8.30	11.60	H
	10140.00	-51.27	-25	-26.27	-81.42	-52.79	10.48	12.00	H
	5070.00	-58.03	-25	-33.03	-79.95	-63.59	7.14	12.70	V
	7605.00	-54.33	-25	-29.33	-79.99	-57.63	8.30	11.60	V
	10140.00	-51.67	-25	-26.67	-80.49	-53.19	10.48	12.00	V
LTE Band41 Middle	5268.00	-59.90	-25	-34.90	-81.33	-65.46	7.14	12.70	H
	7902.00	-53.53	-25	-28.53	-80.46	-56.83	8.30	11.60	H
	10536.00	-51.56	-25	-26.56	-81.57	-53.08	10.48	12.00	H
	5268.00	-59.67	-25	-34.67	-81.21	-65.23	7.14	12.70	V
	7902.00	-54.11	-25	-29.11	-80.81	-57.41	8.30	11.60	V
	10536.00	-51.96	-25	-26.96	-81.46	-53.48	10.48	12.00	V

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