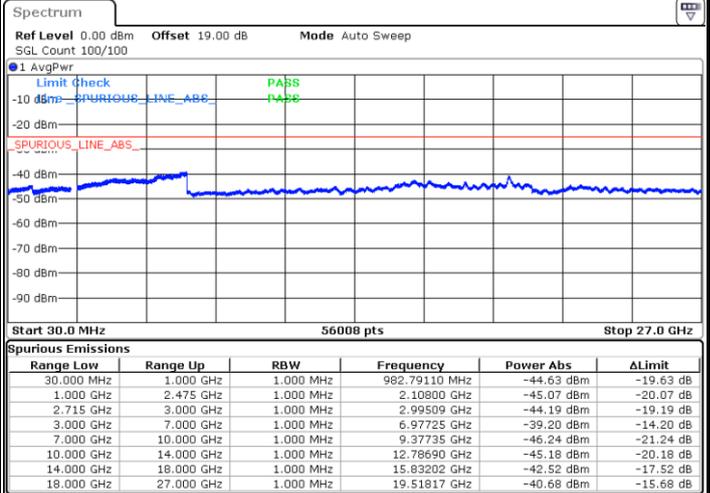
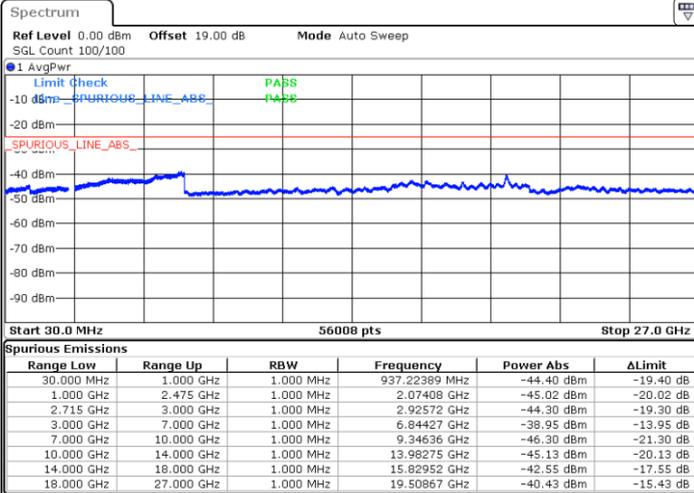




LTE Band 41 / 10MHz

Lowest Channel / QPSK

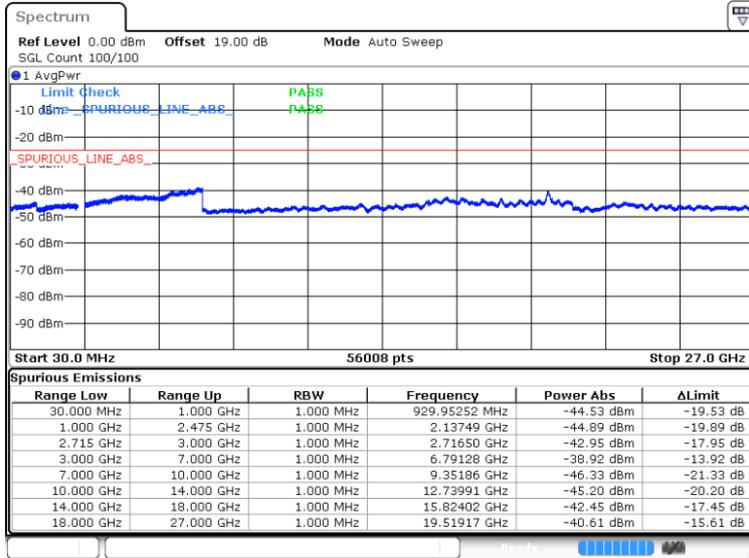
Middle Channel / QPSK



Date: 24 APR 2025 01:38:23

Date: 24 APR 2025 01:39:37

Highest Channel / QPSK



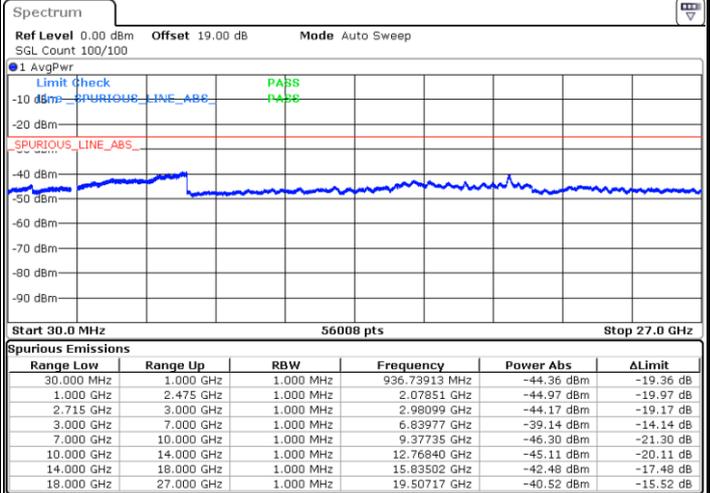
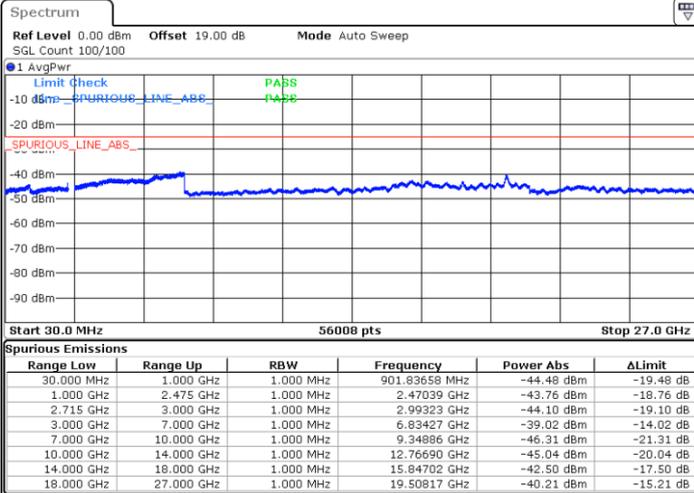
Date: 24 APR 2025 01:49:41



LTE Band 41 / 15MHz

Lowest Channel / QPSK

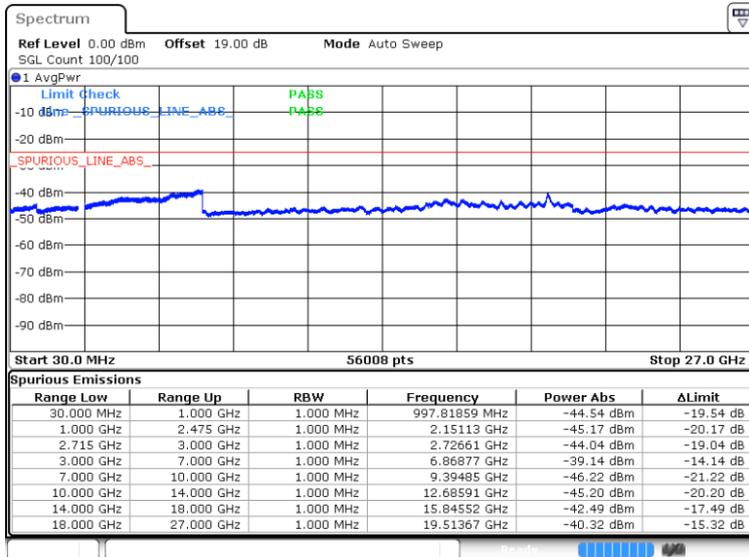
Middle Channel / QPSK



Date: 24 APR 2025 01:59:11

Date: 24 APR 2025 02:00:25

Highest Channel / QPSK



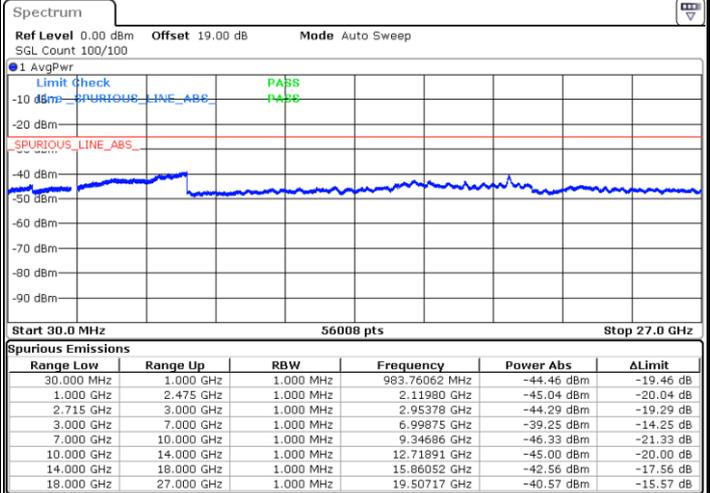
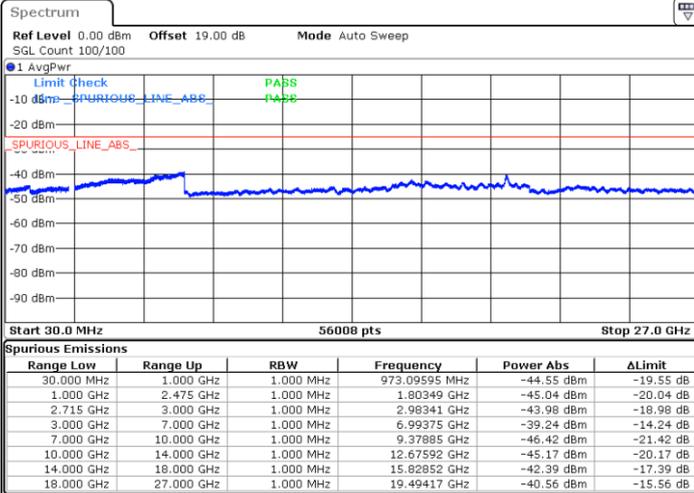
Date: 24 APR 2025 02:10:28



LTE Band 41 / 20MHz

Lowest Channel / QPSK

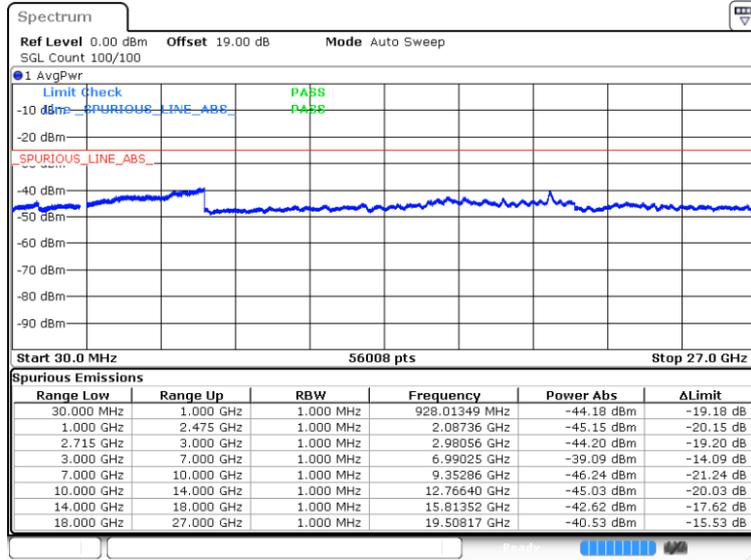
Middle Channel / QPSK



Date: 24 APR 2025 02:19:58

Date: 24 APR 2025 02:21:12

Highest Channel / QPSK



Date: 24 APR 2025 02:32:35



### Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

**Note:**

1. Normal Voltage = 3.87 V.; Battery End Point (BEP) = 3.6 V.; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 7 / 20MHz / QPSK									
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	5052.18	-57.32	-25	-32.32	-80.32	-62.88	7.14	12.70	H
	7578.27	-56.29	-25	-31.29	-82.60	-59.59	8.30	11.60	H
	10104.36	-53.02	-25	-28.02	-83.38	-54.54	10.48	12.00	H
	5052.18	-57.34	-25	-32.34	-81.67	-62.90	7.14	12.70	V
	7578.27	-55.99	-25	-30.99	-82.3	-59.29	8.30	11.60	V
	10104.36	-52.00	-25	-27.00	-83.34	-53.52	10.48	12.00	V

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

LTE Band 13 / 5MHz / QPSK									
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	1559.5	-62.96	-42.15	-20.81	-74.22	-66.21	4.00	9.40	H
	2339.25	-59.89	-13	-46.89	-77.91	-63.46	4.88	10.60	H
	3119	-58.65	-13	-45.65	-78.64	-63.58	5.52	12.60	H
	1559.5	-63.59	-42.15	-21.44	-75.47	-66.84	4.00	9.40	V
	2339.25	-59.79	-13	-46.79	-78.18	-63.36	4.88	10.60	V
	3119	-56.49	-13	-43.49	-78.28	-61.42	5.52	12.60	V

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

LTE Band 13 / 10MHz / QPSK									
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	1559.5	-64.10	-42.15	-21.95	-75.36	-67.35	4.00	9.40	H
	2339.25	-59.90	-13	-46.90	-77.92	-63.47	4.88	10.60	H
	3119	-58.60	-13	-45.60	-78.59	-63.53	5.52	12.60	H
	1559.5	-64.00	-42.15	-21.85	-75.88	-67.25	4.00	9.40	V
	2339.25	-59.25	-13	-46.25	-77.64	-62.82	4.88	10.60	V
	3119	-56.68	-13	-43.68	-78.47	-61.61	5.52	12.60	V

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



LTE Band 41 / 20MHz / QPSK									
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	5168.00	-56.15	-25	-31.15	-79.98	-61.71	7.14	12.70	H
	7752.00	-55.95	-25	-30.95	-81.83	-59.25	8.30	11.60	H
	10336.00	-52.61	-25	-27.61	-83.27	-54.13	10.48	12.00	H
	5168.00	-57.41	-25	-32.41	-81.74	-62.97	7.14	12.70	V
	7752.00	-52.58	-25	-27.58	-81.55	-55.88	8.30	11.60	V
	10336.00	-51.05	-25	-26.05	-83.46	-52.57	10.48	12.00	V

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