TEST REPORT

FCC ID: 2ADYY-LJ7

Product: Mobile Phone

Model No.: LJ7

Trade Mark: TECNO

Report No.: WSCT-ANAB-R&E250400021A-CBSD

Issued Date: 22 May 2025

Issued for:

TECNO MOBILE LIMITED
FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

Issued By:

World Standardization Certification & Testing Group(Shenzhen) Co.,Ltd.
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1. Test Certification

Product:	Mobile Phone
Model No.:	LJ7
Trade Mark:	TECNO
Applicant:	**TECNO MOBILE LIMITED** FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Manufacturer:	**TECNO MOBILE LIMITED** FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Date of receipt	10 March 2025
Date of Test:	11 March 2025 to 21 May 2025
Applicable Standards:	FCC Part 96.47 FCC KDB 940660 D01 Part 96 CBRS Eqpt V02

The above equipment has been tested by World Standardization Certification & Testing Group(Shenzhen)Co., Ltd. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By: Wang Xiang **(Wang Xiang)**

Checked By: **(Qin Shuiquan)**

Approved By: **(Li Huaibi)**

Date: 22 May 2025

2. Test Result Summary

No.	Item	Standard.	Test Case ID	Result
1	End User Device additional requirement.	Part 96.47	Pass	pass

The UUT is an End User Device. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Test standards:
FCC Part 96.47
FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification
WINNF-18-IN-00178 CBRS End User Device as UUT Test Guidelines

3. EUT Description

Product Name:	Mobile Phone
Model :	LJ7
Software number	LJ7-15.1.0
Hardware number	V1.2
Trade Mark:	TECNO
Operating Bands	TDD 5G NR Band 77/78
Antenna Type:	Integral Antenna
Antenna gain:	5G NR 77/78: 0.42dBi
Operation Frequency Range:	NR Band77: 3550-3700 MHz(TX), 3550-3700 MHz(RX); NR Band78: 3550-3700 MHz(TX), 3550-3700 MHz(RX);
Operating Voltage:	Adapter: U450TSB Input: 100-240V~50/60Hz 1.8A Output: 5.0V⎓3.0A 15.0W or 5.0-10.0V⎓4.5A or 11.0⎓4.1A 45.0W MAX Rechargeable Li-ion Polymer Battery: BL-58IT Rated Voltage: 3.92V Rated Capacity: 5850mAh/22.94Wh Typical Capacity: 6000mAh/23.52Wh Limited Charge Voltage: 4.53V
Remark:	N/A.

Note: 1. N/A stands for no applicable.
2. The antenna gain is provided by the customer. For any reported data issues caused by the antenna gain, World Standardization Certification&Testing Group (Shenzhen) Co., Ltd assumes no responsibility.

3.1. Test Methodology of Applied Standards

FCC Part 96.47
FCC KDB 940660 D01 Part 96 CBRS Eqpt V02

3.2. Facilities

All measurement facilities used to collect the measurement data are located at **Building A-B,Baoli'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China of the World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.**

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

3.3. ACCREDITATIONS

ANAB - Certificate Number: AT-3951

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (ANAB).Certification Number: AT-3951

4. MEASUREMENT

4.1. End User Device additional requirements

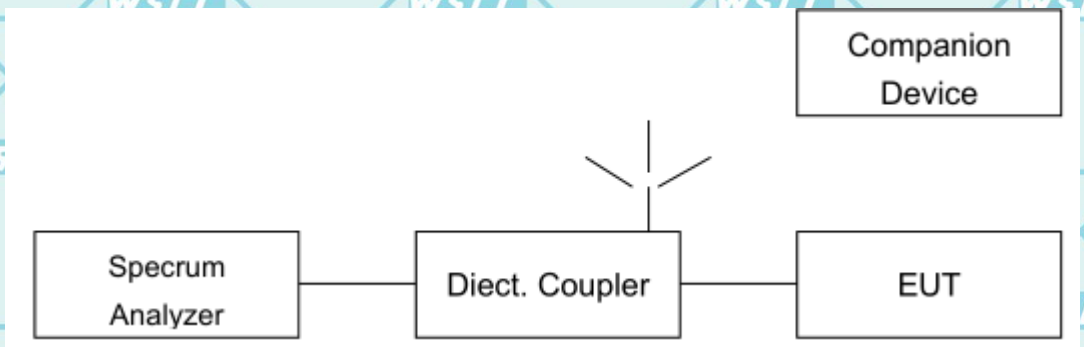
FCC Part 96.47
(a) End User Devices may operate only if they can positively receive and decode an authorization signal transmitted by a CBSD, including the frequencies and power limits for their operation.
(1) An End User Device must discontinue operations, change frequencies, or change its operational power level within 10 seconds of receiving instructions from its associated CBSD.

4.2. Measurement Results Explanation Example

For all conducted test items:
The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.
1. Setup with frequency 3590-3610MHz and power level 18dBm/MHz;
2. Enable AP service from EPC management
3. Check EUD Tx Frequency and power
4. Disable AP service from EPC management
a. Check EUD stops transmission within 10seconds.
5. Setup with frequency 3610-3630MHz and power level 5dBm/MHz;
6. Enable AP service from EPC management
7. Check EUD Tx Frequency and power
8. Disable AP service from EPC management
a. Check EUD stops transmission within 10seconds.

4.3. Test Configuration of Equipment Umder Test:

Connection Diagram of Test System



The EUT is an End User Device (EUD) which was connected to a certified Gentek CBSD as the company-ion device to show compliance with Part 96.47 requirement.

4.4. Measurement Equipment Used

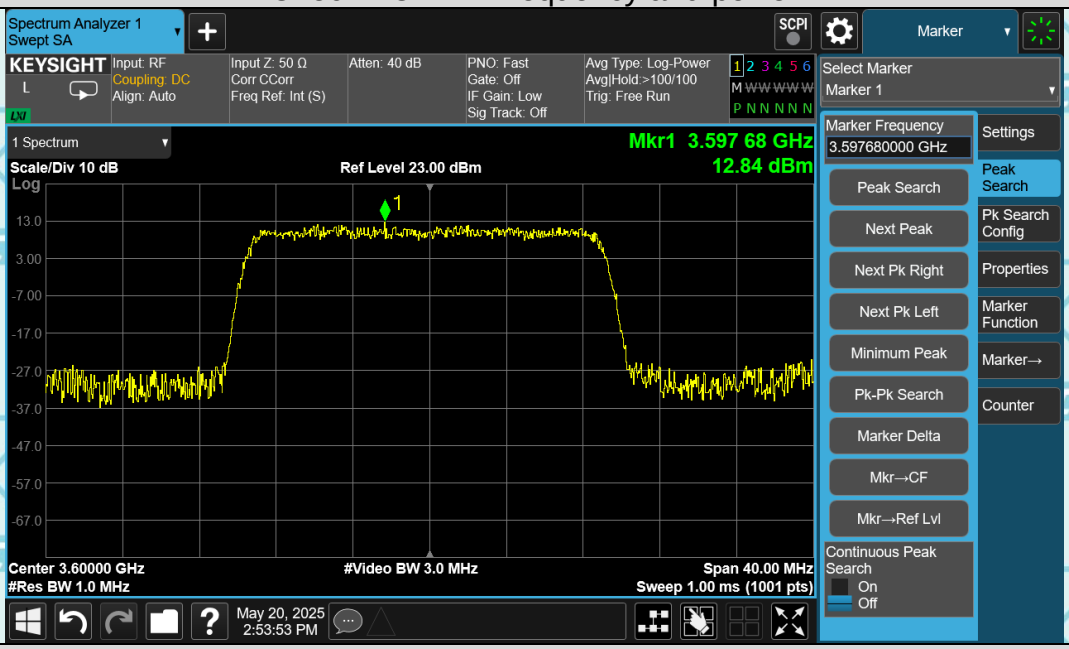
NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibration Due.
Spectrum Analyzer	keysight	FSU	100114	11/05/2024	11/04/2025
DC Power Supply	Gwinstek	SPS-3611	GEV856725	11/05/2024	11/04/2025
Attenuator	KEYSIGHT	8494B	TH60073522	11/05/2024	11/04/2025
Attenuator	KEYSIGHT	8494B	TH60073536	11/05/2024	11/04/2025
DC Block	Mini-Circuits	BLK-18-S+	5	11/05/2024	11/04/2025
Power Divider	RF-LAMBAD	RFLT2W1G18G	11-JSPF412	11/05/2024	11/04/2025
2WayDivider	Woken	A02056002D	DSU7AMW9S	11/05/2024	11/04/2025

4.5. Description of Support Units

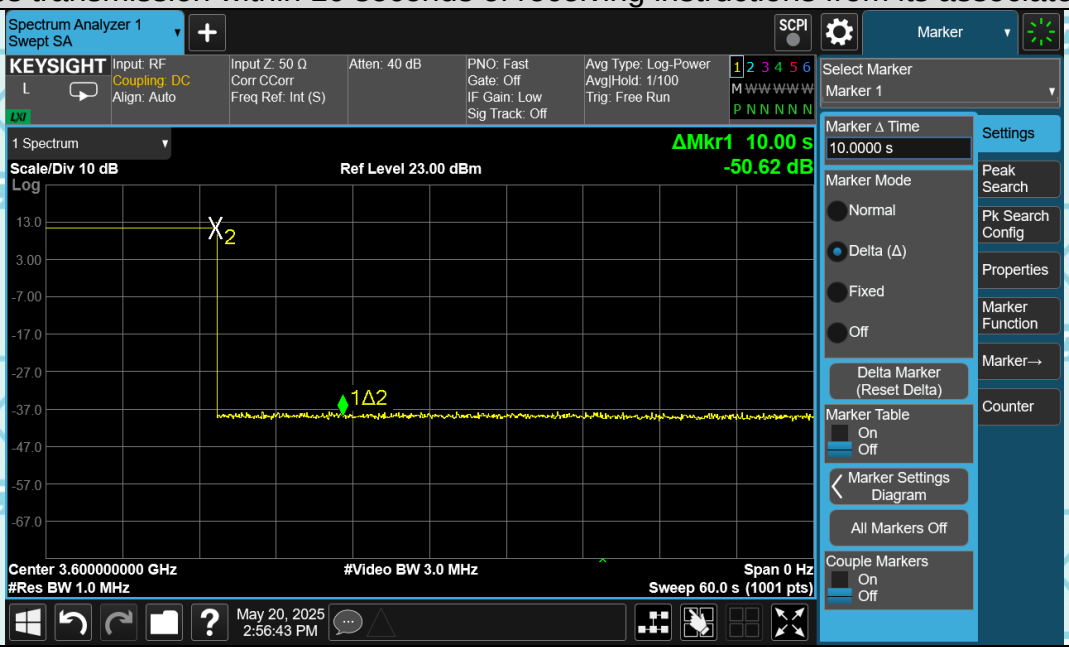
Description	Manufacturer	Model No.	Serial No.
AP	PC i-	FXG-05TX	N/A
5G NR Base station	Baicells	BSC7048A243 (FCC ID: 2AG32BSC7048A243)	120200056822C2B0002
EPC	Gentek	CSB-3230A-GT1	N/A
PC	Lenovo	TP00067A	PF-OGT3MS

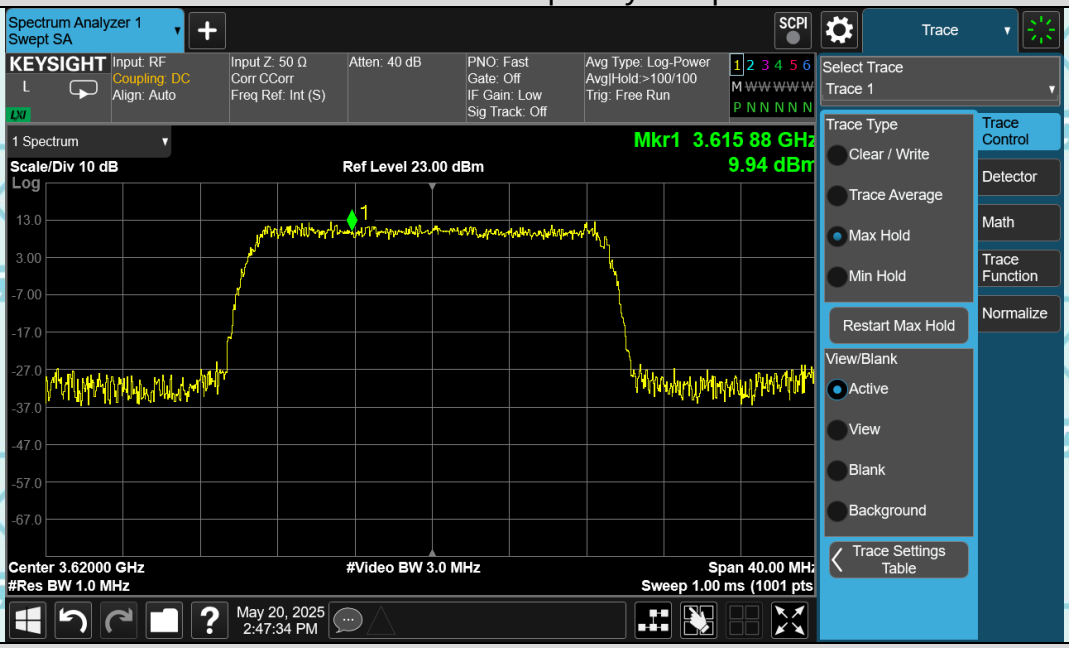
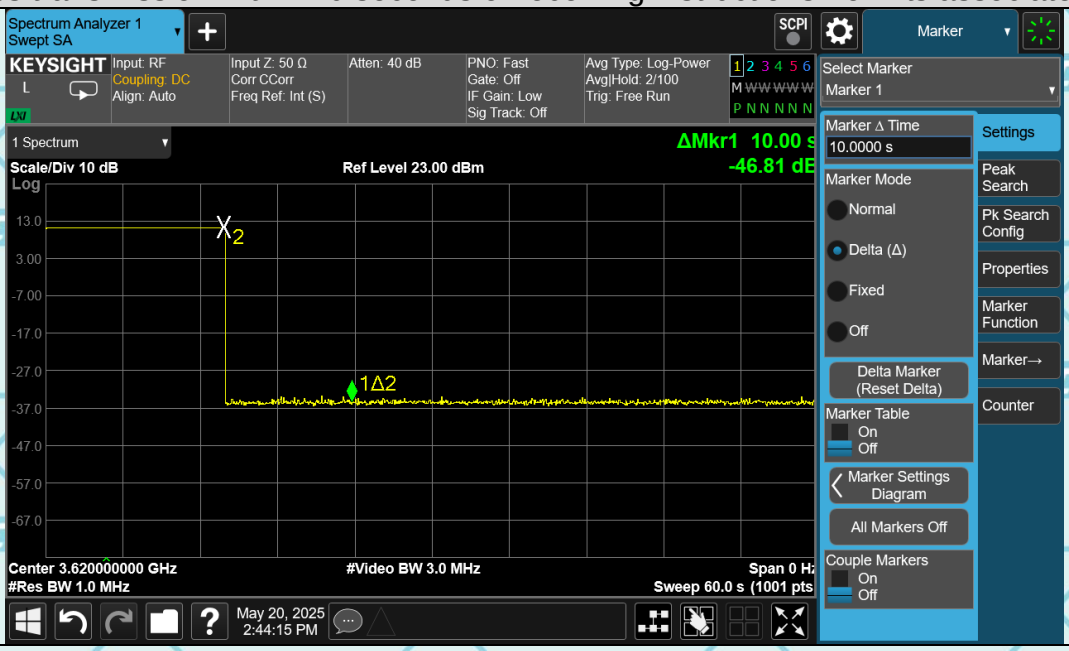
4.6. Measurement Result

Setup with frequency 3590-3610MHz and power level 18dBm/MHz
Check EUD Tx Frequency and power



EUD stops transmission within 10 seconds of receiving instructions from its associated CBSD.



Setup with frequency 3610-3630MHz and power level 5dBm/MHz
Check EUD Tx Frequency and power

EUD stops transmission within 10 seconds of receiving instructions from its associated CBSD.


NOTE: The result value combines cable loss and antenna gain

5. Test Setup Photographs

Please refer to Annex "Set Up Photos-CBE" for test setup photos

*******END OF REPORT*******