

TEST REPORT**FCC ID: 2AIZN-X6730B****Product: Mobile Phone****Model No.: X6730B****Trade Mark: Infinix****Report No.: WSCT-ANAB-R&E250700055A-CBSD****Issued Date: 05 August 2025**

Issued for:

INFINIX MOBILITY 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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Street, Bao'an District, Shenzhen City, Guangdong Province, China****TEL: +86-755-26996192****FAX: +86-755-86376605****Note:** This report shall not be reproduced except in full, without the written approval of World

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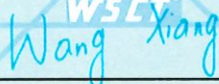
Revised: None

1. Test Certification

Product:	Mobile Phone
Model No.:	X6730B
Trade Mark:	Infinix
Applicant:	INFINIX MOBILITY LIMITED FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Manufacturer:	INFINIX MOBILITY LIMITED FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Date of receipt	19 June 2025
Date of Test:	20 June 2025 to 05 August 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)

Checked By:



(Qin Shuiquan)

Approved By:



(Li Huaibi)

Date:



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 CBD Test Specification

WINNF-18-IN-00178 CBRS End User Device as UUT Test Guidelines

3. EUT Description

Product Name:	Mobile Phone
Model :	X6730B
Software number	X6730B-15.1.2
Hardware number	V1.1
Trade Mark:	Infinix
Operating Bands	TDD 5G NR Band 77/78
Antenna Type:	Integral Antenna
Antenna gain:	5G NR 77/78: -1.23dBi
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: U180XSB Input: 100-240V~50/60Hz 0.6A Output: 5.0V---2.4A 12.0W or 7.5---2.4A 18.0W Max Rechargeable Li-ion Polymer Battery: BL-58HX Rated Voltage: 3.91V Rated Capacity: 5850mAh/22.88Wh Typical Capacity: 6000mAh/23.46Wh Limited Charge Voltage: 4.5V
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 **World Standardization Certification & Testing Group (Shenzhen) Co., Ltd. Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China**

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 32. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

3.3. ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025:2017.

USA

ANAB - Certificate Number: AT-3951

China

CNAS (Registration Number: L3732)

Canada

ISED(CAB identifier:CN0178)

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.wsct-cert.com>

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

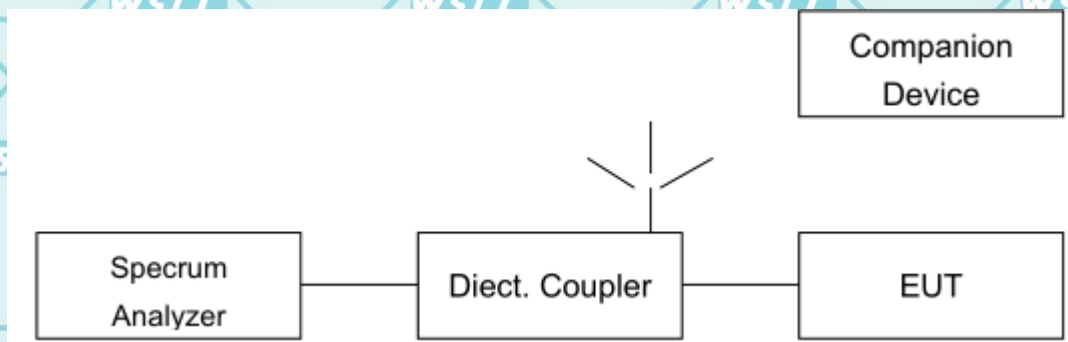
For all conducted test items:

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 Under 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.

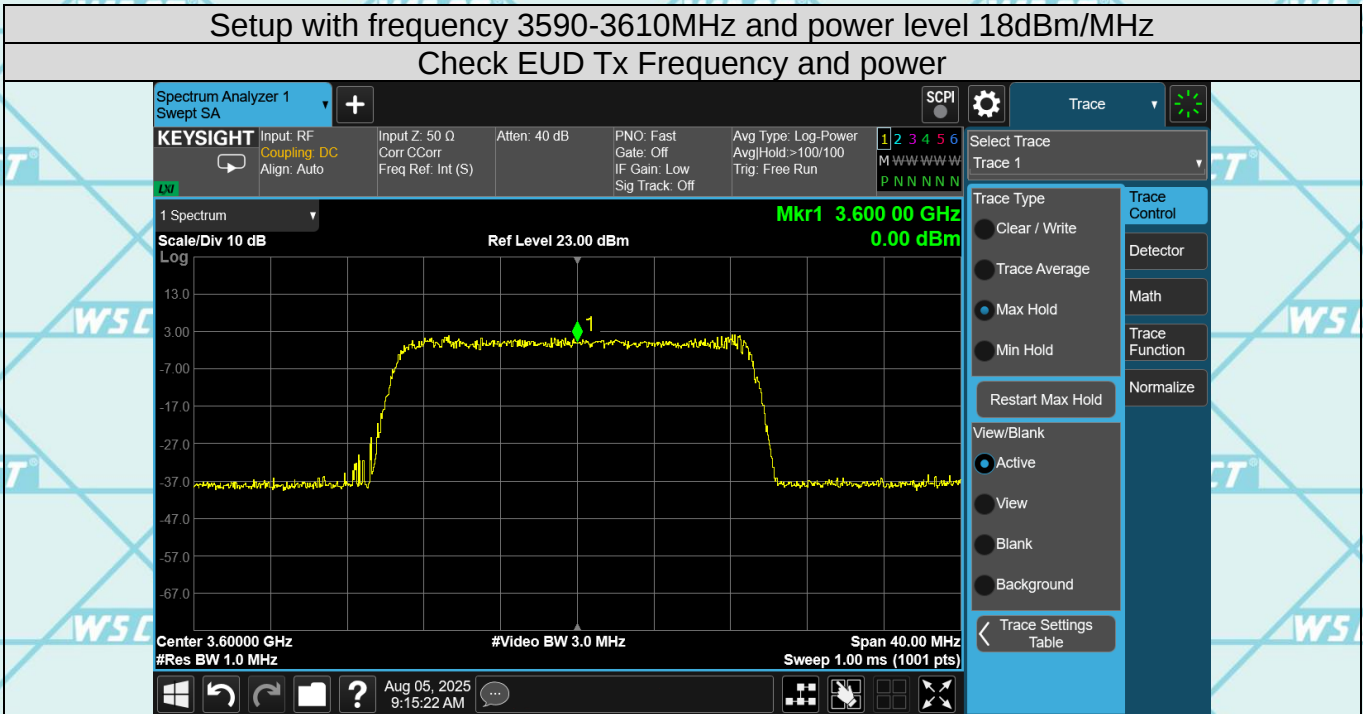
4.4. Measurement Equipment Used

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

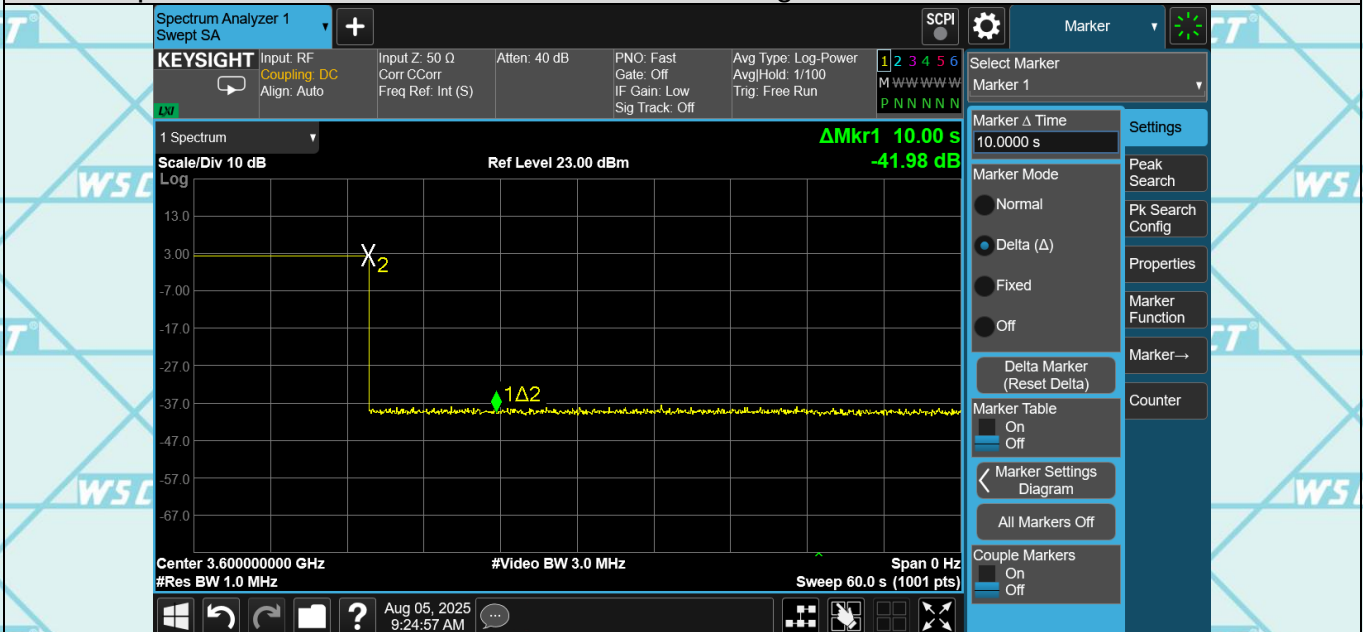
4.5. Description of Support Units

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

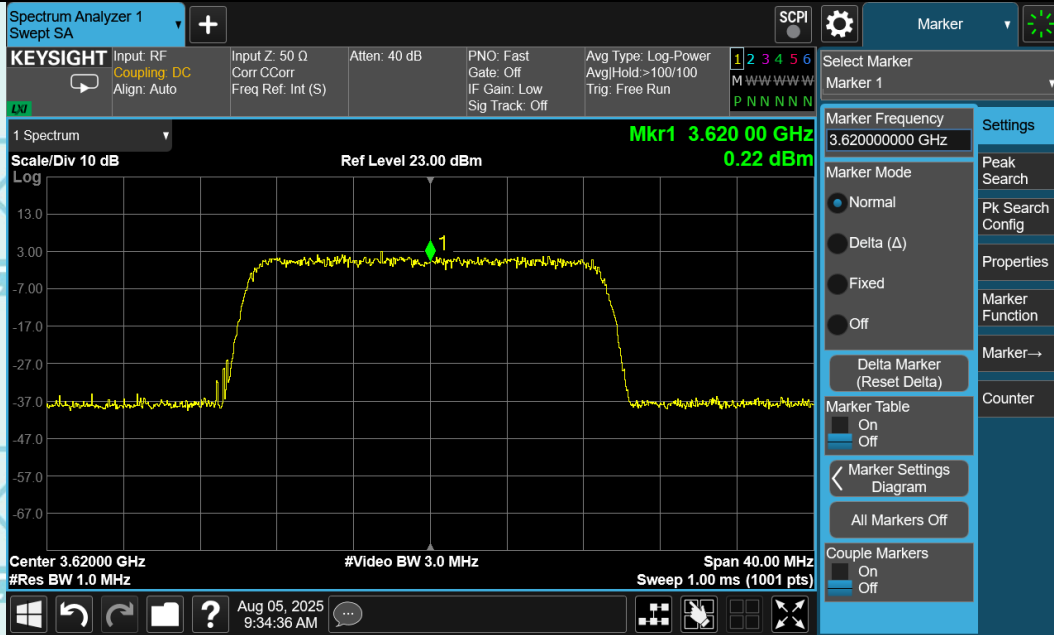


EUD stops transmission within 10 seconds of receiving instructions from its associated CBSD.

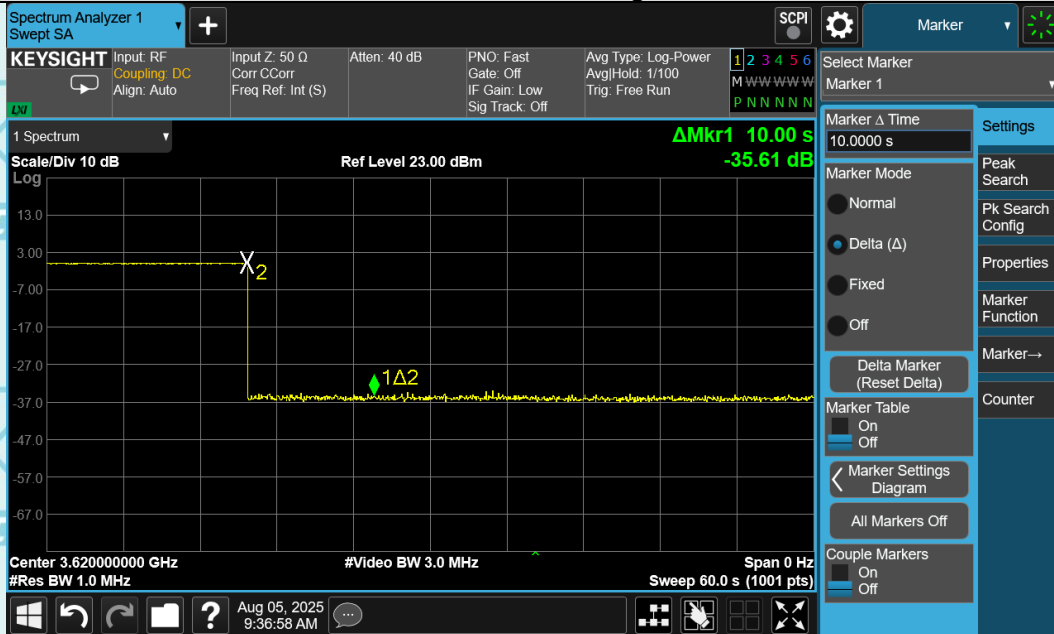


Setup with frequency 3610-3630MHz and power level 5dBm/MHz

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*******