

# EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

## Radio Equipment Directive (RED) 2014/53/EU

**PHOENIX TESTLAB**  
Notified Body Number **0700**



BNetzA-bs-02/51-55

This is to certify that:

PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	18-210860
Manufacturer	SHENZHEN GOTRON ELECTRONIC CO.,LTD.
Address	518, 5F, R&D building, Tsinghua Hi-Tech park(North) Nanshan district, Shenzhen 518057 P.R. China
Product Description	Mobile Phone; with GSM, Bluetooth, WiFi, GPS, WCDMA, FM, NFC, LTE, WPT and Non-specific SRD
Brand Name / Model Name	ulefone / Armor X, Armor X2, GQ3059

### The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	<b>Conform</b>
Article 3.1 b): Electromagnetic Compatibility	<b>Conform</b>
Article 3.2: Effective and Efficient Use of Radio Spectrum	<b>Conform</b>
Additional Essential Requirements:	<b>Not applicable</b>

Date of issue	<b>2018-05-16</b>	Expiry date:	<b>2023-05-15</b>
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This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.

The attached Annex forms part of this certificate. This certificate consists of 5 pages.



Signed by Wayne Hsu  
Notified Body

## Annex

### Technical description

Frequency Range	GSM 850 / 900 / 1800 / 1900 MHz Bluetooth: 2402 - 2480 MHz 2.4G WiFi(HT20): 2412 - 2472 MHz 2.4G WiFi(HT40): 2422 - 2462 MHz 5G WiFi: 5180 - 5240 MHz 5.8G SRD: 5725 - 5875 MHz GPS: 1575.42 MHz (Rx) FM: 87.5 - 108.0 MHz (Rx) NFC: 13.56 MHz WPT: 110kHz - 148kHz (Rx) UTRA FDD Band I/VIII E-UTRA FDD Band 1/3/7/8/20
Transmit Power	Max. 2W / Max. 1W Bluetooth: 3.97 dBm EIRP 2.4G WiFi: 14.58 dBm EIRP 5G WiFi: 8.42 dBm EIRP 5.8G SRD: 10.33 dBm EIRP NFC: -26.63 dBuA/m at 10m WPT: -9.94 dBuA/m at 10m (Tested with the WPT charging base) UTRA FDD: 24 dBm E-UTRA FDD: 23 dBm
Hardware Version	V3N_02
Software Version	GQ3059_Ulefone_V01_20180209

### System Components

Battery	3059, DC 3.8V 5500mAh, SHENZHEN HUATIAN TONG TECHNOLOGY CO.,LTD
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### Optional Components

Adapter	HJ-0502000W2-EU, Input: AC100-240V 50/60Hz 0.3A Output: DC 5.0, 2.0A, SHENZHEN HUAJIN ELECTRONICS CO, LTD.
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**Approval documentation**

External / Internal Photos	provided, 5 pages / 15 pages
User Manual	provided, 35 pages
Block Diagram	provided, 1 page
Circuit Diagram	provided, 11 pages / 1 page / 2 pages
Operational Description	Operational Description, 14 pages
PCB Layout	provided, 8 pages / 4 pages x 2
Parts Placement	provided, 2 pages x 3
Parts List	provided, 12 pages / 1 page x 2
EU Declaration of Conformity	provided, 2 pages, April 12, 2018
Explanation of compliance Article 10(2) and Article 10(10)	provided in the User Manual
Further Documents	Risk Assessment, 5 pages, April 12, 2018 Model Difference Letter, 1 page, April 03, 2018



### Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011+A2:2013	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISS180301001
EN 50360:2017 EN 50566:2017 EN 62209-1:2016 EN 62209-2:2010 EN 62479:2010	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301401
EN 62479:2010	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301313
EN 50364:2010	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301315 Ver.02
Draft ETSI EN 301 489-1 V2.2.0 Final draft ETSI EN 301 489-3 V2.1.1 Draft ETSI EN 301 489-17 V3.2.0 Draft ETSI EN 301 489-19 V2.1.0 Draft ETSI EN 301 489-52 V1.1.0	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301301 Ver.02
ETSI EN 55032:2015 ETSI EN 55035:2017 ETSI EN 61000-3-2:2014 ETSI EN 61000-3-3:2013	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301308 Ver.01
ETSI EN 301 511 V12.5.1	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301310
ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-2 V11.1.2	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301311
ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-13 V11.1.2	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301312
ETSI EN 300 328 V2.1.1	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301302 CCISE180301303 CCISE180301304
ETSI EN 303 413 V1.1.1	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301307
Final draft ETSI EN 303 345 V1.1.7	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301314
ETSI EN 301 893 V2.1.1	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301305
ETSI EN 300 440 V2.1.1	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301306 Ver.01
ETSI EN 300 330 V2.1.1	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301309 Ver.01
ETSI EN 303 417 V1.1.1	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE180301316 Ver.01




### Limitations / Restrictions

Operating Temperature range -10 ~ 35°C

This device also contains frequency bands that are not operational in EU member states. Only the frequency bands used in European Union have been assessed for this EU-TYPE EXAMINATION (MODULE B) CERTIFICATE.

Body SAR separation distance is 0.5cm.

### Notes

1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.
2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.
3. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.
4.  The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.
5. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

