

Expertise

Expert Opinion of the Notified Body on the Conformity Assessment
according to Article 10.5 of R&TTE Directive 1999/5/EC

PHOENIX TESTLAB
EU Identification Number **0700**


Recognised by  Bundesnetzagentur
BNetzA-bS-02/51-55

Expertise No.	16-214000
Certificate Holder	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 GPS, GSM, Bluetooth, WIFI, WCDMA and LTE
Brand Name / Model Name	ulefone / ARMOR

Opinion on the Essential Requirements

Article 3.1a): Health and Safety	No remarks
Article 3.1b): Electromagnetic Compatibility	No remarks
Article 3.2: Effective Use of the Radio Spectrum	No remarks

CE-marking

Marking Example (Class 2) **CE 0700** 

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (3 pages).
R&TTE Directive will expired on 12 June 2017.

Blomberg, 21 December 2016

Place, Date of Issue



Signed by Wayne Hsu
Notified Body

Technical description

Frequency Range	GSM 850/900/1800/1900 MHz GPS: 1575.42 MHz (Rx) Bluetooth: 2402 - 2480 MHz 2.4G WiFi(20 MHz): 2412 - 2472 MHz 2.4G WiFi(40 MHz): 2422 - 2462 MHz 5G WiFi: 5180 - 5240 MHz UTRA FDD Band I/VIII E-UTRA FDD Band 1/3/7/20
Transmitted Power	Max. 2W / Max. 1W Bluetooth: 6.39 dBm EIRP 2.4G WiFi: 9.49 dBm EIRP 5G WiFi: 9.46 dBm EIRP UTRA FDD: 24 dBm E-UTRA FDD:23 dBm
Operational temperature range Device	-20 - 40 degree Celsius
Operational temperature range Power adaptor	40 degree Celsius

Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

- | | |
|---|---|
| <input checked="" type="checkbox"/> User Manual | <input checked="" type="checkbox"/> Operational Description |
| <input checked="" type="checkbox"/> Block Diagram | <input checked="" type="checkbox"/> Circuit Diagram |
| <input checked="" type="checkbox"/> Parts Placement | <input checked="" type="checkbox"/> PCB-Layout |
| <input checked="" type="checkbox"/> Parts List | |

Hardware Version : 1519_Main_PCB V4.0

Software Version : MRA58K test-keys



Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Shenzhen STS Test Services Co., Ltd.	STS1607131A01
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164888S V1
IEC 62471:2006	SGS-CSTC Standards Technical Services Co., Ltd. E&E Lab Guangzhou	GZES150600790531
EN 50332-2:2013	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164888S-2
EN 50360:2001/A1:2012 EN 50566:2013 EN 62209-1:2006 EN 62209-2:2010 EN 62479:2010	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164891E V1
EN 301 489-1 V1.9.2 EN 301 489-3 V1.6.1 EN 301 489-7 V1.3.1 EN 301 489-17 V2.2.1 EN 301 489-24 V1.5.1	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164890E V1
EN 55032:2015 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3:2013	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164889E
EN 301 511 V12.1.1	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164892-4E V1
EN 301 908-1 V7.1.1 EN 301 908-2 V7.1.1	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164892-5E V1
EN 300 328 V1.9.1 EN 62479:2010	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164892-1E WTS16S1164892-2E
EN 300 440-1 V1.6.1 EN 300 440-2 V1.4.1	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164892-3E
EN 301 893 V1.8.1	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164892-7E V1
EN 301 908-1 V7.1.1 EN 301 908-13 V7.1.1	Waltek Services (Shenzhen) Co., Ltd.	WTS16S1164892-6E V2

Further Documents

EU Declaration of Conformity, 2 pages, 2016-11-14.



Opinion on the Essential Requirements:

The basis of this Expertise is the Technical Construction File (TCF). If the TCF includes test reports issued by laboratories accredited to the standard ISO/IEC 17025, the test results of these reports are considered as a basis for the conformity assessment of the Notified Body.

Article 3.1a): Health and Safety:

- Health: Conform, at separation distance of 5mm for Body SAR.
- Safety: Conform

Article 3.1b): Electromagnetic Compatibility:

- Conform

Article 3.2: Effective Use of the Radio Spectrum:

- Conform

General Remarks:

- This conformity assessment is limited to the essential requirements of the R&TTE Directive. Only products fulfilling all essential requirements of all applicable new approach directives may be placed on the market and put into service. Products in compliance with all provisions of the applicable directives providing for the CE marking must bear this marking.
- 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 Expertise.
- The subclass H01 of Class 2 correspond to radio equipment using harmonised frequency bands and for which, in consequence, notification in accordance with Article 6(4) of the Directive is not necessary.

