

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.	16-212286
Certificate Holder	Shenzhen Huafurui Technology Co., Ltd.
Address	Room 07B, Tower A, Modern Window Building, Huaqiang North Road, Futian District, Shenzhen, P.R. China
Product Description	GSM /WCDMA/FDD-LTE Mobile Phone, with Bluetooth, Wi-Fi, and GPS
Brand Name / Model Name	CUBOT / X16 S

Opinion on the Essential Requirements

Article 3.1a): Health and Safety **Remarks see annex**

Article 3.1b): Electromagnetic Compatibility **No remarks**

Article 3.2: Effective Use of the Radio Spectrum **No remarks**

CE-marking

Marking Example (Class 1) **CE 0700**

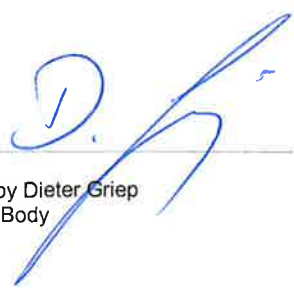
This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (3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

Expiry Date: 12 June 2017.

Blomberg, 26 July 2016

Place, Date of Issue




Signed by Dieter Grieb
Notified Body

Technical description

Frequency Range	GSM 850 / 900 / 1800 / 1900 UTRA FDD Band I / VIII E-UTRA FDD Band 1 / 3 / 7 / 20 Bluetooth 2402 - 2480 MHz WiFi 2412 - 2472 MHz GPS 1575.42 MHz (Only receive)
Transmitted Power	GSM Max. 2W / Max.1W UTRA 0.25W E-UTRA 0.2 W Bluetooth 0.68 mW EIRP WiFi 5.71 mW EIRP
Operational temperature range Device	-10 / +40°C
Operational temperature range Power adaptor	-10 / +40°C

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: HCT-T823MB-A2
Software Version: --



Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009 +A1:2010+A12:2011+A2:2013	AGC Shenzhen	AGC00377151106ES01 AGC00377151106ES02
EN 50332-2:2013 EN 50360:2001/A1:2012 EN 62209-1:2006 IEC 62209-1:2005 EN 62209-2:2010 IEC 62209-2:2010 EN 50566:2013	AGC Shenzhen AGC Shenzhen	AGC00377151106ES03 AGC00377151106EH01
EN 62479:2010	AGC Shenzhen	AGC00377151106EH02
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	AGC Shenzhen	AGC00377151106EE01
EN 55022:2010/AC:2011 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55024:2010	AGC Shenzhen	AGC00377151106EE11
EN 301 511 V9.0.2 EN 300 328 V1.8.1	AGC Shenzhen AGC Shenzhen	AGC00377151106EE03 AGC00377151106EE04 AGC00377151106EE10 AGC00377151106EE05
EN 300 440-1 V1.6.1 EN 300 440-2 V1.4.1	AGC Shenzhen	AGC00377151106EE06
EN 301 908-1 V6.2.1 EN 301 908-2 V6.2.1	AGC Shenzhen	AGC00377151106EE07
EN 301 908-1 V6.2.1 EN 301 908-13 V6.2.1	AGC Shenzhen	AGC00377151106EE09

Further Documents

EU Declaration of Conformity, 1 page, 25 July 2016
Construction Equality Declaration, 1 page, 25 July 2016
Based on the Expertise 15-212087



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: Body SAR was tested with a separation distance of 15 mm. A risk assessment concerning the separation distance has not been provided.
- Safety: Conform

Article 3.1b): Electromagnetic Compatibility:

- Conform

Article 3.2: Effective Use of the Radio Spectrum:

- Conform

General Remarks:

- This device also contains frequency bands that are not operational in EC member states. These bands have not been assessed.
- All test reports should contain actual test results in accordance with the requirements of the standard and in order to correctly demonstrate compliance with the limits.
- 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.
- The software may affect the compliance, therefore the software version shall be stated.

