

# 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.	16-210633a
Certificate Holder	Shenzhen Rui Er Sheng Technology Co., Ltd
Address	999 Room East of Building 2 Saige Technology Industrial Park, Huaqiang North Rd, Futian District, Shenzhen, Guangdong, China
Product Description	Mobile Phone; with GPS, GSM, Bluetooth, WIFI, and WCDMA
Brand Name / Model Name	VKWORLD / VK800X, VK700MAX, F1, V3, Z2, V5, V5 Plus, V6, T1, T2

### 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).  
This version of the certificate replaces the expertise 16-210633, which is hereby withdrawn.

Blomberg, 04 March 2016

Place, Date of Issue




Signed by Alan Lane  
Notified Body

## Technical description

Frequency Range	GSM 850/900/1800/1900 MHz GPS:1575.42 MHz (Rx) Bluetooth: 2402 - 2480 MHz WiFi (20 MHz): 2412 - 2472 MHz WiFi (40 MHz): 2422 - 2462 MHz UTRA FDD Band I/V
Transmitted Power	Max. 2W / Max. 1W Bluetooth: 6.99 dBm EIRP WiFi: 9.76 dBm EIRP UTRA FDD: 24 dBm
Operational temperature range Device	-20 ~ 25 degree Celsius
Operational temperature range Power adaptor	25 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 : V182\_MB\_V2.0 2015-09-09

Software Version : V182\_QHD\_V1.1\_20151231\_1708\_V1.0.5\_WY\_M9\_VK800X



## Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Shenzhen BCTC Technology Co., Ltd.	BCTC-150607462
EN 60950-1:2006+A11:2009+A1:2010+A12:2011	Waltek Services (Shenzhen) Co., Ltd.	WTS16S0141492S V1
EN 50332-1:2000 EN 50332-2:2003	Waltek Services (Shenzhen) Co., Ltd.	WTS16S0141492S V1-1 WTS16S0141492S V1-2
EN 62471:2008	SGS-CSTC Standards Technical Services Co., Ltd.	GZES150300270331
EN 50360:2001/A1:2012 EN 62209-1:2006 EN 62209-2:2010 EN 50566:2013 EN 62479:2010	Waltek Services (Shenzhen) Co., Ltd.	WTS16S0141496E 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.	WTS16S0141495E V1
EN 55022:2010 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3:2013	Waltek Services (Shenzhen) Co., Ltd.	WTS16S0141494E V1
EN 300 440-1 V1.6.1 EN 300 440-2 V1.4.1	Waltek Services (Shenzhen) Co., Ltd.	WTS16S0141497-3E V1
EN 301 511 V9.0.2	Waltek Services (Shenzhen) Co., Ltd.	WTS16S0141497-4E V1
EN 300 328 V1.8.1 EN 62479:2010	Waltek Services (Shenzhen) Co., Ltd.	WTS16S0141497-1E V1 WTS16S0141497-2E V1
EN 301 908-1 V6.2.1 EN 301 908-2 V6.2.1	Waltek Services (Shenzhen) Co., Ltd.	WTS16S0141497-5E V1

## Further Documents

EU Declaration of Conformity, 2 pages, 03-03-2016.

Model Difference Statement, 1 page, 03-03-2016.



## 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
- Safety:
  - The plug part of adapter has not been assessed. This should be tested according to EN 50075.

### 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.

