

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. | 15-210075 |
| Certificate Holder | Shanghai SIMCom Wireless Solutions Co.,Ltd. |
| Address | Building A,SIM Technology Building, No.633, Jinzhong Road, Changning District, Shanghai R.R.China |
| Product Description | GSM/GPRS+GPS Module |
| Brand Name / Model Name | SIMCOM / SIM808 |

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 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 (2 pages)

Blomberg, 14 July 2015

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) |
| Transmitted Power | Max.2W / Max.1W |
| Operational temperature range Device | -40 ~ 85 degree Celsius |
| Operational temperature range Power adaptor | -- |

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: V2.01
Software Version: SIM800 R14.18

Applied Standards and Test Reports

| Specification | Laboratory | Test Report Number |
|---|---|--------------------|
| EN 60950-1:2006 +A11:2009+ A1:2010+A12:2011 | East China Institute of Telecommunications | I15D00070-SAF |
| EN 62311:2008 | East China Institute of Telecommunications | I15D00070-SAR |
| 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 | East China Institute of Telecommunications | I15D00070-EMC |
| EN 300 440-1 V1.6.1 EN 300 440-2 V1.4.1 | East China Institute of Telecommunications | I15D00070-GPS |
| EN 301 511 V9.0.2 | East China Institute of Telecommunications | I15D00070-RFG |

Further Documents

EU Declaration of Conformity, 1 page, 2015-07-08.

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:

- 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.
- If the module shall be integrated into a system, this set needs to be reassessed.

