

# 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	<b>No remarks</b>
Article 3.1b): Electromagnetic Compatibility	<b>No remarks</b>
Article 3.2: Effective Use of the Radio Spectrum	<b>No remarks</b>

## 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 9<sup>th</sup> 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.

