

EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB
Notified Body Number **0700**



This is to certify that:

PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	17-210909
Manufacturer	Shanghai SIMCom Wireless Solutions Co.,Ltd.
Address	Building A, SIM Technology Building.,No.633, Jinzhong Rd, Changning Disdriect, Shanghai, P.R.China
Product Description	GSM/GPRS(850/900/1800/1900MHz) Wireless Data Module
Brand Name / Model Name	SIMCom / SIM800F

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	Conform
Article 3.1 b): Electromagnetic Compatibility	Conform
Article 3.2: Effective and Efficient Use of Radio Spectrum	Conform
Additional Essential Requirements:	Not applicable

Date of issue **2017-04-25** Expiry date: **2022-04-24**

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.

The attached Annex forms part of this certificate. This certificate consists of 3 pages.



Signed by Wayne Hsu
Notified Body

Annex

Technical description

Frequency Range	GSM 850/900/1800/1900 MHz
Transmit Power	Max.2W / Max.1W
Hardware Version	V1.03
Software Version	SIM800 R14.18

System Components --

Optional Components --

Approval documentation

External / Internal Photos	unnamed, 1 page / 1 page
User Manual	SIM800F_User Manual_ V1.01, 14 pages
Block Diagram	SIM800F Block Diagram, 1 page
Circuit Diagram	unnamed, 6 pages
Operational Description	General Technical Description, 5 pages
PCB Layout	SIM800F PCB Layout, 6 pages
Parts Placement	unnamed, 1 page
Parts List	SIM800F_V1.03 BOM, 3 pages
EU Declaration of Conformity	2 pages, April 17, 2017
Explanation of compliance Article 10(2) and Article 10(10)	Description in the User Manual
Further Documents	Risk Assessment, 1 page, April 17, 2017




Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 60950-1:2006 +A11:2009+ A1:2010+A12:2011+A2:2013	East China Institute of Telecommunications	I17D00034-SAF
EN 62311:2008	East China Institute of Telecommunications	I17D00034-MPE01
Draft ETSI EN 301 489-1 V2.2.0 Draft ETSI EN 301 489-52 V1.1.0 EN 55032:2015	East China Institute of Telecommunications	I17D00034-EMC Rev.01
ETSI EN 301 511 V12.5.1	East China Institute of Telecommunications	I17D00034-RFG

Limitations / Restrictions

- Operating Temperature range is -10 ~ +55 degree Celsius.
- Health assessment has been performed at 20 cm.
- If the module will be integrated in final device, this set need to be reassessed.
- 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 Certificate.

Notes

1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.
2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.
3. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.
4.  The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.
5. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.