Notified Body EMC Directive 2014/30/EU
Notified Body Directive 2014/53/EU
Notified Body Directive 99/5/EC
RF CAB under the Japan-EC MRA
FCB under the Canada-EC MRA
TCB under the USA-EC MRA

**EU Identification No. 0678**

Bundesnetzagentur

Recognized by the German Regulator
to act as a Notified Body in accordance with the
RE Directive 2014/53/EU of 16. April 2014

BNetzA-bS-02/51-54

# EU-Type Examination Certificate

| | |
|---|---|
| Registration No. | G110887J |
| Certificate Holder | Shanghai SIMCom Wireless Solutions Co., Ltd.<br>Building A, SIM Technology Building, No. 663, Jinzhong Road<br>Changning District, Shanghai<br>P.R. China |
| Product Designation | GSM/GPRS Wireless Data Module, Model SIM800H |
| Product Description | GSM/GPRS Wireless Data Module with Bluetooth function |
| Manufacturer | Shanghai SIMCom Wireless Solutions Co., Ltd.<br>Building A, SIM Technology Building, No. 663, Jinzhong Road<br>Changning District, Shanghai<br>P.R. China |

| Essential Requirement | | Applied Specifications / Standards | Documentary Evidence | Result |
|---|---|---|---|---|
| Art. 3.1(a) | Health | EN 62311 | Test Report UL15820160719CE007-4 | conform |
| Art. 3.1(a) | Safety | EN 60950-1+A11+A1+A12+A2 | Test Report UL15820160719CE007-3 | conform |
| Art. 3.1(b) | EMC | EN 301 489-1/-17/-52 | Test Report UL15820170414RED015-3<br>Test Report UL15820170113CE001-1<br>Test Report UL15820160719CE007-2 | conform |
| Art. 3.2 | Radio | EN 301 511<br>EN 300 328 | Test Report UL15820170414RED015-1<br>Test Report UL15820160719CE007-1<br>Test Report UL15820170414RED015-2<br>Test Report UL15820170113CE001-2 | conform |

The product shall be marked with the CE conformity marking
as shown on the right.

CE

The scope of evaluation relates to the submitted documents only.

This EU-Type Examination Certificate is issued in accordance with Annex III, Module B of the
RE Directive 2014/53/EU of 16. April 2014 and is only valid in conjunction with the attached Annex.

Unterleinleiter,
2017-06-01

Kai Heinrichs

Kai Heinrichs
Notified Body

GERMAN NOTIFIED BODY
DEUTSCHE BENANNTE STELLE

## Technical Details

| | |
|---|---|
| Frequency Range: | GSM 900 / DCS 1800<br>2402 – 2480 MHz (Bluetooth) |
| Transmit Power: | 2 W (GSM) / 1 W (DCS)<br>-8.0 dBm EIRP (Bluetooth) |
| Modulation Type: | GFSK, π/4-DQPSK, 8-DPSK |
| Hardware Version: | V1.03 |
| Software Version: | SIM800 R13.08 |

# Technical Construction File (TCF) Details

| | | | |
|---|---|---|---|
| *To demonstrate conformity with Article 3.1(a) Health* | | | |
| Applied Standards | Version | Applied Standards | Version |
| EN 62311 | 2008 | | |
| Report or Certificate No. | Issue Date | Issued by | |
| UL15820160719CE007-4 | 2016-08-02 | Unilab (Shanghai) Co., Ltd. | |
| *To demonstrate conformity with Article 3.1(a) Safety* | | | |
| Applied Standards | Version | Applied Standards | Version |
| EN 60950-1+A11+A1+A12+A2 | 2013 | | |
| Report or Certificate No. | Issue Date | Issued by | |
| UL15820160719CE007-3 | 2016-08-10 | Unilab (Shanghai) Co., Ltd. | |
| *To demonstrate conformity with Article 3.1(b) EMC* | | | |
| Applied Standards | Version | Applied Standards | Version |
| EN 301 489-1 | V2.2.0 | EN 301 489-52 | V1.1.0 |
| EN 301 489-17 | V3.2.0 | | |
| Report or Certificate No. | Issue Date | Issued by | |
| UL15820170414RED015-3 | 2017-05-03 | Unilab (Shanghai) Co., Ltd. | |
| UL15820170113CE001-1 | 2017-02-10 | Unilab (Shanghai) Co., Ltd. | |
| UL15820160719CE007-2 | 2016-08-10 | Unilab (Shanghai) Co., Ltd. | |
| *To demonstrate conformity with Article 3.2 Spectrum Efficiency* | | | |
| Applied Standards | Version | Applied Standards | Version |
| EN 301 511 | V12.5.1 | | |
| EN 300 328 | V2.1.1 | | |
| Report or Certificate No. | Issue Date | Issued by | |
| UL15820170414RED015-1 | 2017-05-03 | Unilab (Shanghai) Co., Ltd. | |
| UL15820160719CE007-1 | 2016-08-10 | Unilab (Shanghai) Co., Ltd. | |
| UL15820170414RED015-2 | 2017-05-03 | Unilab (Shanghai) Co., Ltd. | |
| UL15820170113CE001-2 | 2017-02-20 | Unilab (Shanghai) Co., Ltd. | |
| *Declaration of Conformity* | | | |
| Signed by | | Date | |
| Weixing Li | | 2017-05-04 | |
| *Technical Documentation* | | | |
| Block diagram | Operational description | | |
| Parts list | Tune-Up Procedure | | |
| PCB layout | Schematic diagram | | |
| External / Internal photos | User Manual | | |
| Risk Assessment | | | |