



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. G111013K

Certificate Holder Shanghai SIMCom Wireless Solutions Co., Ltd.  
 Building A, SIM Technology Building, No. 633, Jinzhong Road  
 Changning District, Shanghai  
 P.R. China

Product Designation GSM/GPRS/GPS module, Model SIM868E

Product Description GSM/GPRS Module with Bluetooth, GPS and GLONASS function

Manufacturer Shanghai SIMCom Wireless Solutions Co., Ltd.  
 Building A, SIM Technology Building, No. 633, Jinzhong Road  
 Changning District, Shanghai  
 P.R. China

Essential Requirement		Applied Specifications / Standards	Documentary Evidence	Result
Art. 3.1(a)	Health	EN 62311	Test Report UL15820180103CE001-7	conform
Art. 3.1(a)	Safety	EN 60950-1+A11+A1+A12+A2	Test Report UL15820180103CE001-8	conform
Art. 3.1(b)	EMC	EN 301 489-1/-17/-19/-52	Test Report UL15820180103CE001-2 Test Report UL15820180103CE001-6 Test Report UL15820180103CE001-4	conform
Art. 3.2	Radio	EN 301 511 EN 300 328 EN 303 413	Test Report UL15820180103CE001-1 Test Report UL15820180103CE001-5 Test Report UL15820180103CE001-3 Test Report UL15820180103CE001-12	conform

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



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,  
 2018-02-06



Karlheinz Kraft  
 Notified Body



### Technical Details

Frequency Range:	GSM 900 / DCS 1800 2402 – 2480 MHz (Bluetooth) 1575.42 MHz (GPS) 1591 – 1615 MHz (GNSS)
Transmit Power:	2 W (GSM) / 1 W (DCS) 4.58 dBm EIRP (Bluetooth)
Modulation Type:	GMSK (GSM) GFSK, $\pi/4$ -DQPSK, 8-DPSK (Bluetooth) BPSK (GPS, GLONASS)
Hardware Version:	V2.01
Software Version:	R14.18

### Technical Construction File (TCF) Details

<i>To demonstrate conformity with Article 3.1(a) Health</i>			
Applied Standards	Version	Applied Standards	Version
EN 62311	2008		
Report or Certificate No.	Issue Date	Issued by	
UL15820180103CE001-7	2018-01-11	Unilab (Shanghai) Co., Ltd.	
<i>To demonstrate conformity with Article 3.1(a) Safety</i>			
Applied Standards	Version	Applied Standards	Version
EN 60950-1+A11+A1+A12+A2	2013		
Report or Certificate No.	Issue Date	Issued by	
UL15820180103CE001-8	2018-01-11	Unilab (Shanghai) Co., Ltd.	
<i>To demonstrate conformity with Article 3.1(b) EMC</i>			
Applied Standards	Version	Applied Standards	Version
Draft EN 301 489-1	V2.2.0	Draft EN 301 489-19	V2.1.0
Draft EN 301 489-17	V3.2.0	Draft EN 301 489-52	V1.1.0
Report or Certificate No.	Issue Date	Issued by	
UL15820170103CE001-2	2018-01-10	Unilab (Shanghai) Co., Ltd.	
UL15820180103CE001-6	2018-01-10	Unilab (Shanghai) Co., Ltd.	
UL15820180103CE001-4	2018-01-10	Unilab (Shanghai) Co., Ltd.	
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>			
Applied Standards	Version	Applied Standards	Version
EN 301 511	V12.5.1	EN 303 413	V1.1.1
EN 300 328	V2.1.1		
Report or Certificate No.	Issue Date	Issued by	
UL15820180103CE001-1	2018-01-03	Unilab (Shanghai) Co., Ltd.	
UL15820180103CE001-5	2018-01-08	Unilab (Shanghai) Co., Ltd.	
UL15820180103CE001-3	2018-01-25	Unilab (Shanghai) Co., Ltd.	
UL15820180103CE001-12	2018-01-25	Unilab (Shanghai) Co., Ltd.	
<i>Declaration of Conformity</i>			
Signed by		Date	
Feiping Wu		2017-01-11	
<i>Technical Documentation</i>			
Block diagram	Tune-Up Procedure		
Parts list	Operational description		
PCB layout	Schematic diagram		
External / Internal Photos	User Manual		
Risk Assessment			