

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. G110920J

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 GNSS module Model SIM33ELA

Product Description GNSS / GPS module

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	Not assessed	-	-
Art. 3.1(a)	Safety	EN 60950-1+A11+A1+A12+A2	Test Report UL15820170503RED022-3	conform
Art. 3.1(b)	EMC	EN 301 489-1/-19	Test Report UL15820170503RED022-2 Test Report UL15820140417CE28-1	conform
Art. 3.2	Radio	EN 303 413	Test Report UL15820170503RED022-1 Test Report UL15820140417CE28-2	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,
2017-07-07



Kai Heinrichs
Notified Body



Technical Details

Frequency Range:	1565.42 – 1585.42 MHz (GPS) 1602 – 1610 MHz (GNSS)
Modulation Type:	BPSK
Hardware Version:	V1.01
Software Version:	B05

Technical Construction File (TCF) Details

<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	
UL15820170503RED022-3	2017-05-27	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		
Report or Certificate No.	Issue Date	Issued by	
UL15820170503RED022-2	2017-05-27	Unilab (Shanghai) Co., Ltd	
UL15820140417CE28-1	2014-04-19	Unilab (Shanghai) Co., Ltd	
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>			
Applied Standards	Version	Applied Standards	Version
Draft EN 303 413	V1.1.0		
Report or Certificate No.	Issue Date	Issued by	
UL15820170503RED022-1	2017-05-27	Unilab (Shanghai) Co., Ltd	
UL15820140417CE28-2	2014-04-18	Unilab (Shanghai) Co., Ltd	
<i>Declaration of Conformity</i>			
Signed by		Date	
Feiping Wu		2017-06-05	
<i>Technical Documentation</i>			
Parts list	Risk Assessment		
PCB layout	Operational description		
Component layout	Schematic diagram		
External / Internal photos	User Manual		