



EU-Type Examination Certificate

with respect to the presumption of
Compliance of a product with the essential requirements of
RE DIRECTIVE 2014/53/EU

Certificate Number	RE-18102501
Certificate Holder	Shanghai SIMCom Wireless Solutions Limited.
Address	Building B, SIM Technology Building, No.633 Jinzhong Road, Changning District, Shanghai, P.R. China
Manufacturer	Shanghai SIMCom Wireless Solutions Limited.
Address	Building B, SIM Technology Building, No.633 Jinzhong Road, Changning District, Shanghai, P.R. China
Product Type/Description	LTE CAT-M1/NB-IoT/GPRS/EDGE/GNSS MODULE
Trade Name	SIMCom
Model Number	SIM7000G
Product Identification Element	866154025901669

Applied / Complied Harmonized Standards		Complied
RE Directive 2014/53/EU, Article 3(1)(a) ■ Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Y
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health	EN 62311:2018	Y
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	Draft EN 301 489-1 V2.2.0, Draft EN 301 489-52 V1.1.0 Draft EN 301 489-19 V2.1.0 EN 55032:2015, EN 55035:2017	Y
RE Directive 2014/53/EU, Article 3(2) ■ Radio	EN 301 511 V12.5.1, EN 301 908-1 V11.1.1 EN 301 908-13 V11.1.2, EN 303 413 V1.1.1	Y

Authorized By:

Leslie Bai, Director of Certification

Issue Date: October 25, 2018

Expiry Date: October 24, 2023

PS: This Certificate is Issued in Accordance with Annex III of the RE Directive 2014/53/EU and is only valid in Conjunction with the Following Annex I.

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Website: www.siemmic.com, Email: info@siemmic.com

Annex I of RED EU-TYPE Examination Certificate

Certificate Number: RE-18102501

Product Specifications	
Frequency Range	880-915MHz (EGSM900), 1710-1785MHz (DCS1800), 1575.42MHz (GPS RX) 1920-1980MHz (LTE B1), 1710-1785MHz (LTE B3), 824-849MHz (LTE B5) 880-915MHz (LTE B8), 832-862MHz (LTE B20), 703-748MHz (LTE B28)
RF Output Power (EIRP)	26.31dBm (EGSM900)*, 25.91dBm (DCS1800)* 22.30dBm (LTE B1 max)*, 22.81dBm (LTE B3 max)*, 22.49dBm (LTE B5 max)* 22.54dBm (LTE B8 max)*, 22.40dBm (LTE B20 max)*, 23.87dBm (LTE B28 max)*
Type of Antenna	External antenna
Modulation	GMSK/8PSK (GSM), BPSK/QPSK (LTE NB-IoT), QPSK/16QAM (LTE CAT-M1) BPSK (GPS RX)
Mode of Operation (Simplex / Duplex)	Duplex
Duty Cycle	-
Comments	-*Max Conducted Power.

Technical Documentation Identification

Test Report	
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health & Safety	B18W00236-Safety, B18W00236-MPE
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	B18W00236 -EMC
RE Directive 2014/53/EU, Article 3(2) ■ Radio	B18W00236-GSM RF, B18W00236-NB-IoT RF, B18W00236-CTA-M RF B18W00236-GPS RF
User Manual	<input checked="" type="checkbox"/>
Product Label	<input checked="" type="checkbox"/>
Block Diagram	<input checked="" type="checkbox"/>
Circuit Diagram	<input checked="" type="checkbox"/>
BOM	<input checked="" type="checkbox"/>
Operational description	<input checked="" type="checkbox"/>
Risk assessment	<input checked="" type="checkbox"/>
Test report & EUT photos	<input checked="" type="checkbox"/>

Based on the evidence presented, our certificate in accordance with Annex III of Council Directive 2014/53/EU on Radio Equipment Directive and the mutual recognition of their conformity is that the apparatus identified above complies with the requirements of that Directive stated above.

Note: Compliance with the above Directive does not guarantee the right to use the above mentioned equipment in any EU member state.
No configuration, other than described above, has been considered and is therefore not included in this certificate.

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Please check the validation of this certificate at http://certdatabase.siemic.com/siemic_db/public/certverification.asp