



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-18070302
Certificate Holder	Shanghai SIMCom Wireless Solutions Ltd.
Address	Building A, SIM Technology Building, No.633 Jinzhong Road, Changning District, Shanghai, P.R. China
Manufacturer	Shanghai SIMCom Wireless Solutions Ltd.
Address	Building A, SIM Technology Building, No.633 Jinzhong Road, Changning District, Shanghai, P.R. China
Product Type/Description	NB-IoT wireless Module
Trade Name	SIMCom
Model Number	SIM7020E
Product Identification Element	868333030016808

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 62311:2008	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	Y
RE Directive 2014/53/EU, Article 3(2) ■ Radio	EN 301 908-1 V11.1.1, EN 301 908-13 V11.1.2	Y

Authorized By:

Leslie Bai, Director of Certification

Issue Date: July 03, 2018

Expiry Date: July 02, 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.

775 Montague Expressway, Milpitas, CA 95035, USA
Tel: 408 526 1188, Fax: 408 526 1088,
Website: www.siemmic.com, Email: info@siemmic.com

Annex I of RED EU-TYPE Examination Certificate

Certificate Number: RE-18070302

Product Specifications	
Frequency Range	1920-1980MHz (LTE B1), 1710-1785MHz (LTE B3), 880-915MHz (LTE B8) 832-862MHz (LTE B20), 704.5-731.5MHz (LTE B28)
RF Output Power (EIRP)	22.26dBm* (LTE B1), 21.86dBm* (LTE B3), 22.06dBm* (LTE B8) 21.78dBm* (LTE B20), 22.01dBm* (LTE B28)
Type of Antenna	External Antenna, 6dBi Gain
Modulation	BPSK/QPSK
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	B18W00204-Safety, B18W00204-MPE
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	B18W00204-EMC
RE Directive 2014/53/EU, Article 3(2) ■ Radio	B18W00204-NB-IoT 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