

EU-TYPE EXAMINATION CERTIFICATE

No

0370-RED-9515

ISSUED BY	LGAI Technological Center, SA – NB No. 0370 (APPLUS)	
APPLICANT	SIMCom Wireless Solutions Limited SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai, China	
MANUFACTURER (Name, Address)	SIMCom Wireless Solutions Limited SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai, China	
COMMERCIALISED BY (Brand)	SIMCom	
PRODUCT	GNSS Module	
TYPES	SIM32EA	
HW / SW / FMW version	SW: B01 HW: V1.02	
APPLICABLE DIRECTIVE	DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 16 APRIL 2014 ON THE HARMONISATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE MAKING AVAILABLE ON THE MARKET OF RADIO EQUIPMENT	
DESCRIPTION	The device is a GNSS Module with GNSS RX.	
MEET ESSENTIAL REQUIREMENTS	Art.3.1 (a) Health & Safety ☒	Art.3.2 Efficient use of Radio spectrum ☒
	Art.3.1 (b) EMC ☒	Art.3.3 Requirements for specific categories or classes of RED (d) ☐ (e) ☐ (f) ☐ (g) ☐

This document is not valid without its technical annex, whose number matches with the number of this certificate.

The evaluation of the technical documentation delivered is included in the technical file number: 25/36402590

This Certificate is valid as long as there are no changes in the state of the Art indicating that the approved radio equipment can no longer meet the essential requirements of Directive 2014/53/EU and there are no notifications of the approved type that may affect the accordance with the essential requirements of Directive 2014/53/EU.

Restrictions (if applicable): N/A.

Bellaterra, 11th June, 2025



Lluís Boada
Certification Technical Manager
Electrical & Electronics

You can check the validity of this
certificate in our website



*The manufacturer, after the completion of the technical documentation, the conformity assessment procedures and the EU Declaration of conformity, may affix the **CE** Marking under his responsibility.*

TECHNICAL ANNEX

0370-RED-9515

A. MODEL DESCRIPTION

A.1. GENERAL INFORMATION ON THE RADIO EQUIPMENT:

Manufacturing country: China
Brand: SIMCom
Commercial designation: SIMCom
Country of commercialization: European Union
Radio service: GNSS RX
Application: GNSS Module

A.1.1 TRADE VERSIONS/VARIANTS: SIM32EA

A.2. FEATURES: GNSS Module

A.3. SOFTWARE VERSION(S): B01

A.4. HARDWARE VERSION(S): V1.02

A.5. OTHER COMPONENTS

Disposable antenna YES ☐ **Antenna gain (dBi):**
NO ☒

A.6. OPERATING FREQUENCIES AND MAXIMUM POWER EMITTED BY BAND

BAND	SERVICE	Operational frequency (TX)	MAX POWER ¹⁾	CNAF IR	CNAF/UN-XXX
Band 1	GNSS Receiver (GPS)	F_min: 1559MHz F_max: 1610MHz	N/A	N/D	N/D
Band 2	GNSS Receiver (GLONASS)	F_min: 1559MHz F_max: 1610MHz	N/A	N/D	N/D
Band 3	GNSS Receiver (Galileo)	F_min: 1559MHz F_max: 1610MHz	N/A	N/D	N/D
Band 4	GNSS Receiver (SBAS)	F_min: 1559MHz F_max: 1610MHz	N/A	N/D	N/D

N/A: Not applicable

N/D: Not defined

1) Conducted power for mobile technologies and EIRP for other technologies.

A.7. OTHER PARAMETERS OF RADIO INTERFACE SPECIFICATIONS (RI)

Requires license/Use authorization: YES ☐ NO ☒

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0370-RED-9515

B. TEST PROTOCOL

REQUIREMENT	STANDARD	Laboratory	Report no.
Health and Safety Article 3.1(a)	EN IEC 62368-1:2020+A11:2020	ICAS Testing Technology Services (Shanghai) Co., Ltd.	SHE25050005-01AE
	EN 62479:2010	ICAS Testing Technology Services (Shanghai) Co., Ltd.	SHE25050005-01DE
EMC Article 3.1(b)	ETSI EN 301 489-1 V2.2.3	ICAS Testing Technology Services (Shanghai) Co., Ltd.	SHE25050005-01BE
	ETSI EN 301 489-19 V2.2.1	ICAS Testing Technology Services (Shanghai) Co., Ltd.	SHE25050005-01BE
Efficient use of Radio spectrum Article 3.2	ETSI EN 303 413 V1.2.1	ICAS Testing Technology Services (Shanghai) Co., Ltd.	SHE25050005-01CE

C. RESTRICTIONS (IF POSITIVE)

Restrictions YES ☐ NO ☒

Describe restrictions: N/A

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0370-RED-9515

D. ACTIVITIES CARRIED OUT BY THE NB

Technical Documentation Review

- | | | |
|---|---|--|
| ☐ Assembly drawings(s) | ☒ Block diagram | ☒ Circuit diagram/schematics |
| ☒ External photographs | ☒ Label drawing/location | ☒ User manual |
| ☒ Internal photographs | ☒ Operational description | ☒ Risk Assessment |
| ☒ Test set-up photographs | ☒ Test reports | ☒ EU declaration of conformity |
| ☒ Bill of materials | ☒ PCB layout | |
| ☐ Installation diagrams and explanations | ☒ List of applied (harmonized and non-harmonized) standards | |

Other activities

- ☒ RIS
- ☒ EFIS/CNAF
- ☒ Review Technical Justifications
- ☒ Analysis report
- ☒ EU type certification issued

E. ADDITIONAL INFORMATION:

Radio Equipment Directive 2014/53/EU, Article 10.4: Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.

Radio Equipment Directive 2014/53/EU, Annex III, Module B.7: The manufacturer shall inform the notified body that holds the technical documentation relating to the EU-type examination certificate of all modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of this Directive or the conditions for validity of that certificate. Such modifications shall require additional approval in the form of an addition to the original EU-type examination certificate.

This review includes draft standards, deviations from the standards and technical justification for compliance.