



CERTIFICATE RED-1244

Issue no. 2

EU TYPE EXAMINATION CERTIFICATE

RADIO EQUIPMENT DIRECTIVE 2014/53/EU

Product LTE Module

Model EG25-G

Series models EG25-G MINIPCIE

Trademark Quectel

Certificate holder / Manufacturer Quectel Wireless Solutions Co., Ltd.

Other information -

Compliance with the requirements on the basis of type examination Product fulfils the requirements of the standard(s) listed on page 2 and the essential requirements set out in Article 3.1a (Health & Safety), Article 3.1b (EMC) the Article 3.2 (Radio Spectrum Use) of the Radio Equipment Directive 2014/53/EU.

Validity This certificate is valid until 2026-04-29 unless the standard in question has been amended or superseded.

Date of issue 29 April 2021

SGS Fimko Ltd

Signature 

Jari Merikari
Certification Manager

SGS Fimko Ltd is a Notified Body (0598) according to the RE Directive 2014/53/EU.



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Applied standards

Article	Standard
3.1a Health & Safety	EN 62311:2020 EN IEC 62368-1:2020+A11:2020
3.1b EMC	EN 301 489-1 V2.2.3 Draft ETSI EN 301 489-19 V2.2.0 Draft ETSI EN 301 489-52 V1.1.2 EN 55032:2015/A11:2020 EN 55035:2017/A11:2020
3.2 Radio Spectrum	EN 301 511 V12.5.1 EN 301 908-1 V13.1.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.1.1 Final draft ETSI EN 303 413 V1.2.1

Test reports

Testing Laboratory	Report Number	Date
SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch	SZEM210200192001	2021-02-25
	SZES210200113501	2021-04-02
	HR/2021/2000701	2021-04-22
	HR/2021/2000702	2021-04-22
	HR/2021/2000703	2021-04-01
	HR/2021/2000704	2021-04-01
	SZCR210302026001	2021-04-02

Technical information

Operating voltage: DC 3.8V

Frequency band:

GSM 900: 880 – 915 MHz, 925 – 960 MHz

DCS 1 800: 1 710 – 1 785, 1 805 – 1 880 MHz

WCDMA Band I: 1 920 – 1 980 MHz, 2 210 – 2 170 MHz

WCDMA Band VIII: 880 – 915 MHz, 925 – 960 MHz

LTE Band 1: 1 920 – 1 980 MHz, 2 110 – 2 170 MHz

LTE Band 3: 1 710 – 1 785 MHz, 1 805 – 1 880 MHz

LTE Band 7: 2 500 – 2 570 MHz, 2 620 – 2 690 MHz

LTE Band 8: 880 – 915 MHz, 925 – 960 MHz

LTE Band 20: 832 – 862 MHz, 791 – 821 MHz

LTE Band 28: 703 – 736 MHz, 758 – 791 MHz

LTE Band 38: 2 570 – 2 620 MHz

LTE Band 40: 2 300 – 2 400 MHz

GNSS: GPS/ GLONASS/ BDS/ Galileo, 1 559 MHz – 1 610 MHz

Technical information

Transmit power:
GSM 900: 35 dBm, DCS 1 800: 32 dBm
WCDMA Band I, VIII: 25 dBm
LTE Band 1 / 3 / 7 / 8 / 20 / 28 / 38 / 40: 25 dBm

Antenna type: External Antenna
Max antenna gain:
GSM 900: 2.98 dBi, DCS 1 800: 2 dBi
WCDMA: Band I: 1.53 dBi, Band VIII: 2.98 dBi
LTE: B1: 1.53 dBi, B3: 2 dBi, B7: 3 dBi, B8: 2.98 dBi, B20: 2.64 dBi, B28: 3.95 dBi,
B38: 2.06 dBi, B40: 1.88 dBi

Hardware version: R1.0
Software version: EG25GGBR07A08M2G

Additional information

This type examination certificate is based on the inspection of the technical documentation ref. TF_ HR202120007 dated April 22, 2021 by the manufacturer.

This certificate is valid only for the models mentioned in this certificate.

The manufacturer must inform SGS Fimko if any technical or electrical changes made to the product covered by this certificate, as unauthorised modifications would invalidate this certificate.

Once this module has been incorporated into an end product, that end product must be re-assessed for compliance with the requirements of the Radio Equipment Directive 2014/53/EU.

This type examination certificate replaces type examination certificate RED-1244 issue no.1 dated on 22 March 2019 due to an update of standards, test reports, software version and change of the manufacturer's address.