

CERTIFICATE RED-4219

Issue no. 1

EU TYPE EXAMINATION CERTIFICATE RADIO EQUIPMENT DIRECTIVE 2014/53/EU

Product LTE Cat 1bis Module

Model EG800AK-GL

Series models -

Trademark QUECTEL

Certificate holder / Manufacturer Quectel Wireless Solutions Co., Ltd.
No. 8 Waipojing Road, Sijing Town, Songjiang District, Shanghai, 201601, China

Other information -

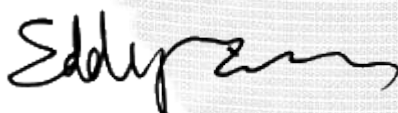
Compliance with the requirements on the basis of type examination Product fulfils the requirements of the standard(s) listed on page 2 and the essential requirements set out in Article 3.1a (Health & Safety), Article 3.1b (EMC), Article 3.2 (Radio Spectrum Use) and Article 3.3d (Cyber security) of the Radio Equipment Directive 2014/53/EU.

Validity This certificate is valid until 2031-01-19 unless the standard in question has been amended or superseded.

Date of issue 2026-01-19

SGS Fimko Oy

Signature



Eddy Zong
Certifier

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

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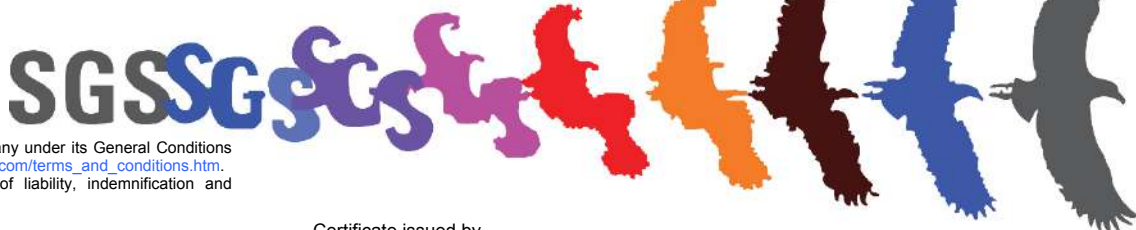
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Member of the SGS Group (SGS SA)



Applied standards

Article	Standard
3.1a Health & Safety	EN IEC 62311: 2020 EN IEC 62368-1:2024+A11:2024
3.1b EMC	EN 301 489-1 V2.2.3 EN 301 489-52 V1.3.1 EN 55032:2015+A11:2020+A1:2020 EN 55035:2017+A11:2020 EN 61000-3-3: 2013 +A1:2019 +A2:2021 EN IEC 61000-3-2: 2019 +A1:2021 +A2:2024
3.2 Radio Spectrum	EN 301 908-1 V15.2.1 EN 301 908-13 V13.3.1 ETSI TS 136 521-1 V17.7.0
3.3d Cyber Security	EN 18031-1:2024

Test reports

Testing Laboratory	Report Number	Date
SGS-CSTC	SZCR251100489105	2025-12-19
	SUES251100235601	2026-01-08
	SZCR251100489101	2025-12-02
	SZCR251100489103	2025-12-19
	SZCR251100489104	2025-12-19
	SUCS251100001701	2025-11-21

Technical information

Model	Hardware Version	Software Version	Cybersecurity Version
EG800AK-GL	R1.0	EG800AKGL11LC R07A05M04	LTEBQU714E REDDAVN001
	R1.1	EG800AKGL00LC R07A05M02	

RF Technology	Operation Frequency	Antenna Type	RF Output Power
LTE Cat 1 Bis Band1	1920-1980 MHz	External Antenna; 1.53dBi	25dBm
LTE Cat 1 Bis Band3	1710-1785 MHz	External Antenna; 2.0dBi	25dBm
LTE Cat 1 Bis Band5	824-849 MHz	External Antenna; 2.13dBi	25dBm
LTE Cat 1 Bis Band7	2500-2570 MHz	External Antenna; 3.0dBi	25dBm
LTE Cat 1 Bis Band8	880-915 MHz	External Antenna; 2.98dBi	25dBm
LTE Cat 1 Bis Band20	832-862 MHz	External Antenna; 2.64dBi	25dBm

Technical information

RF Technology	Operation Frequency	Antenna Type	RF Output Power
LTE Cat 1 Bis Band28	703-748 MHz	External Antenna; 3.95dBi	25dBm
LTE Cat 1 Bis Band34	2010-2025 MHz	External Antenna; 2.10dBi	25dBm
LTE Cat 1 Bis Band38	2570-2620 MHz	External Antenna; 2.06dBi	25dBm
LTE Cat 1 Bis Band40	2300-2400 MHz	External Antenna; 1.88dBi	25dBm
LTE Cat 1 Bis Band41	2496-2690 MHz	External Antenna; 3.0dBi	25dBm

Additional information

This type examination certificate is based on the inspection of the technical documentation ref. no. SH-CERT260100215-01 provided 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.