

CERTIFICATE RED-4424

Issue no. 1

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

Product LTE Cat 1bis Module

Model EG800Z-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.

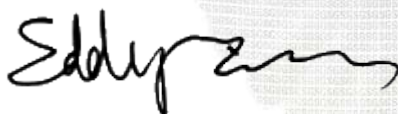
Validity This certificate is valid until 2031-05-28 unless the standard in question has been amended or superseded.

This certificate will expire if the RED Delegated Act regulation (EU) 2022/30 is repealed, replaced or amended by other legislation, such as the Cyber Resilience Act regulation (EU) 2024/2847.

Date of issue 2026-05-28

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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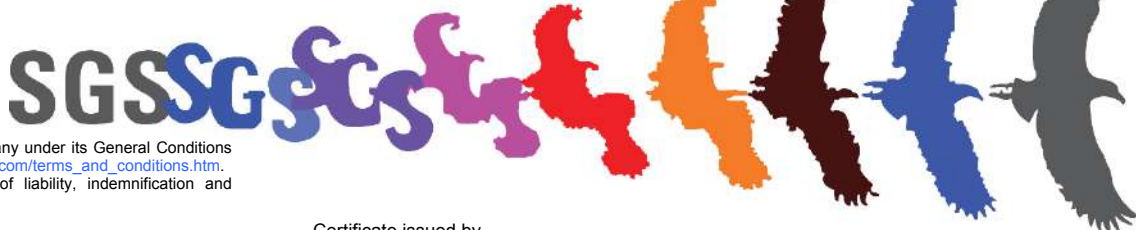
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Member of the SGS Group (SGS SA)



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 301 489-17 V3.3.1 EN 301 489-52 V1.3.1
3.2 Radio Spectrum	EN 300 328 V2.2.2 EN 301 908-1 V15.2.1 EN 301 908-13 V13.3.1
3.3 d Cyber Security	EN 18031-1:2024

Test reports

Testing Laboratory	Report Number	Date
Hefei Panwin Technology Co., Ltd.	PD20260079-R1C	2026-04-27
	PD20260079-L1A	2026-04-17
	PD20260079-E1A	2026-04-22
	PD20260079-R1A	2026-04-27
	PD20260079-R1B	2026-04-22
SGS-CSTC	SUCS260400004601	2026-05-14

Technical information

Model	Hardware Version	Software Version	Cybersecurity Version
EG800Z-GL	R1.0	EG800ZGLLAR08 A05M04	LTEFA073JTRE DDAVN001

RF Technology	Operation Frequency	Antenna Type	RF Output Power
LTE Band 1	1920-1980	External Antenna; 1.62dBi	25dBm
LTE Band 3	1710-1785	External Antenna; 2.28dBi	25dBm
LTE Band 5	824-849	External Antenna; 2.34dBi	25dBm
LTE Band 7	2500-2570	External Antenna; 4.42dBi	25dBm
LTE Band 8	880-915	External Antenna; 2.38dBi	25dBm
LTE Band 20	832-862	External Antenna; 2.34dBi	25dBm
LTE Band 28	703-748	External Antenna; 1.73dBi	25dBm
LTE Band 34	2010-2025	External Antenna; 2.53dBi	25dBm
LTE Band 38	2570-2620	External Antenna; 3.98dBi	25dBm

Technical information

RF Technology	Operation Frequency	Antenna Type	RF Output Power
LTE Band 40	2300-2400	External Antenna; 3.01dBi	25dBm
LTE Band 41	2496-2690	External Antenna; 4.42dBi	25dBm
WLAN	2412-2472	External Antenna; 3.15dBi	Receiver

Additional information

This type examination certificate is based on the inspection of the technical documentation ref. no. SH-CERT260504031-01 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.