

UK-TYPE EXAMINATION CERTIFICATE
THE RADIO EQUIPMENT REGULATIONS (RER) 2017 (SI 2017/1206)



Schedule 3 Module B

Issued by

SPORTON INTERNATIONAL (USA) INC

(Approved Body Number: 2907)

Certification Information			
Certificate No	SN22A0175	Certificate Revision No:	A
Issue Date	Dec. 28, 2022	Certificate Validation:	See Remark
Product Manufacturer	Quectel Wireless Solutions Co., Ltd. Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, 200233, China		
Product Identification Information			
Product Description	LTE Module		
Brand/Trade Name	Quectel		
Model/Type designation	EG800Q-EU		
Hardware Version	R1.0		
Software Version	EG800QEULCR01A03M04		
Accessories	Dipole Antenna		
Conformity Assessment			
Essential requirements	Applied Specification(s) / Standard(s) and Test Report		Result
Safety RER, Schedule 6.1a	EN IEC 62368-1 :2020/A11 :2020 Report No.: L2O2501KS057		PASS
Health RER, Schedule 6.1a	EN 50665: 2017, EN IEC 62311: 2020 Report No.: EA2O2501		PASS
EMC RER, Schedule 6.1b	ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-52 V1.2.1 Report No.: EW2O2501		PASS
Radio Spectrum RER, Schedule 6.2	ETSI EN 301 908-1 V15.1.1, ETSI EN 301 908-13 V13.2.1 Report No.: EM2O2501A, EM2O2501B		PASS

Radio Equipment Specifications		
Technology	Frequency Band / Range	Maximum not to exceed output Power
LTE	Band 1 / 3 / 5 / 7 / 8 / 20 / 28	24.0 dBm (Conducted)
Examined Technical Documentation File (TDF)		
<input checked="" type="checkbox"/> Label Drawing/Location	<input checked="" type="checkbox"/> Power of Attorney Letter	<input type="checkbox"/> Model Variance Statement
<input checked="" type="checkbox"/> UK Declaration of Conformity	<input checked="" type="checkbox"/> User Manual	<input checked="" type="checkbox"/> Risk Assessment
<input checked="" type="checkbox"/> Schematic Diagram	<input checked="" type="checkbox"/> Operational Description	<input type="checkbox"/> Antenna Specification
<input checked="" type="checkbox"/> Block Diagram	<input checked="" type="checkbox"/> Parts/ Bill of Materials	<input checked="" type="checkbox"/> PCB Layout
<input checked="" type="checkbox"/> Test Reports/Safety	<input checked="" type="checkbox"/> External Photos	<input checked="" type="checkbox"/> TDF Reference Number: UK202501
<input checked="" type="checkbox"/> Test Reports/RF Exposure	<input checked="" type="checkbox"/> Internal Photos	Issue Date: Dec. 23, 2022
<input checked="" type="checkbox"/> Test Reports/Radio	<input checked="" type="checkbox"/> Test Setup Photos	
<input checked="" type="checkbox"/> Test Reports/EMC	<input type="checkbox"/> Other	
Certificate Note		
<p>1. The transmitter antennas must be installed to provide a separation distance of at least 20cm from all persons.</p> <p>2. This radio module has been assessed for use in the temperature range of -40°C to +85°C and with an input voltage range of DC 3.3V~4.3V. When installing this radio module into a host product to create a new radio equipment device, the manufacturer responsible for placing the final radio product on the market in the UK must assess if the combination of this radio module and the host product complies with the essential requirements of the Radio Equipment Regulations 2017.</p>		
Certification Remark		
UKCA Marking 	Guidance-Using the UKCA Marking <p>The manufacturer to affix the UKCA marking to the radio equipment or its data plate when placing a product on the market unless this is not possible or not warranted on account of the nature of the radio equipment. This marking shall have a minimum height of 5 mm. The UKCA marking shall also be affixed visibly and legibly to the packaging.</p>	
Obligations of manufacturers	<ul style="list-style-type: none"> The Radio Equipment Regulations 2017. The Radio Equipment Regulations 2017, Schedule 3, Module B.7: The manufacturer shall inform the approved body that holds the technical documentation relating to the UK-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 UK-type examination certificate. The Radio Equipment Regulations 2017, Schedule 3, Module B. 9: The manufacturer shall keep a copy of the UK-type examination certificate, its annexes and additions together with the technical documentation at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. 	
Certificate Validity	<p>If there is no change on product identification and/or manufacturer's identification or technical modifications which may possibly affect the compliance of the product with the Radio Equipment Regulations 2017, and if there is no new guideline published from the UK Commission or new publication of a standard, which supersedes the standard and/or methodology used for assessment, this Approved Body UK type examination certificate remains valid. Approved Body name, Approved Body number and TEC reference shall be listed and agree with information listed in Manufacturer's UK Declaration of Conformity.</p>	
Authorized Signature	 <p>I hereby attest that technical documentation for the subject equipment was assessed by Sporton International (USA), Inc. acting as Approved Body that the essential requirements of Schedule 6.1(a), 6.1(b) and 6.2 of The Radio</p>	

Equipment Regulations 2017 have been met. This UK-type examination certificate is issued in accordance with Schedule 3, Module B, of The Radio Equipment Regulations 2017 based on the documentations as provided to Sporton International (USA) Inc.		
Name of Signer	Alexander Ho	Approved Body under the UK/US Mutual Recognition Agreement
Revision History		
Description	Revision No.	Date
Original	A	Dec. 28, 2022