


**NB Identification Number 0680**

Authorized by the German government to act as Notified Body in accordance with Council Directive 2014/53/EU of 18 April 2014

<b>Certificate Holder:</b>	<b>Quectel Wireless Solutions Co., Ltd. 7th Floor, Hongye Building, No.1801 Hongmei Road, Xuhui District, Shanghai 200233, China</b>
<b>Product Manufacturer:</b>	<b>Same as certificate holder</b>
<b>Product Designation:</b>	<b>EM12-G</b>
<b>Product Description:</b>	<b>LTE-A Cat12 M.2 Module</b>

Essential Requirement(s)	Applied Specification(s)/Standard(s)	Result
Radio Spectrum RED, Article 3.2	EN 301 908-1 V11.1.1 / EN 301 908-2 V11.1.2 / EN 301 908-13 V11.1.2 / EN 303 413 V1.1.1	Conform
EMC RED, Article 3.1b	Draft EN 301 489-1 V2.2.0 / Draft EN 301 489-19 V2.1.0 / Draft EN 301 489-52 V1.1.0	Conform <sup>1)</sup>
Safety RED, Article 3.1a	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Conform <sup>1)</sup>
Health RED, Article 3.1a	EN 62311:2008	Conform <sup>1)</sup>

Due to the absence of harmonized standards acc. to Council Directive 2014/53/EU at the time of the assessment at hand, this EU Type Examination Certificate is based on harmonized standards acc. to Council Directive 1999/5/EC and/or draft standards which haven't been harmonized so far but represent the latest state of standardization.

- 1) The conformance of the radio module to the essential requirements does not allow the conclusion that the requirements are met for a host integrating the module. Conformance to EMC, Safety, Health and radiated spurious emissions must be carried out for the host in order to comply with RED.

#### Type Examination Certificate:

Our opinion in accordance with Annex III of Council Directive 2014/53/EU on Radio Equipment Directive and the mutual recognition of their conformity is that the evaluation of the submitted documents related to the apparatus identified above complies with the requirement of that directive stated in the above scope. The scope of this evaluation relates to the submitted documents only.

#### Marking:

The product shall be marked with the CE marking as required in the Council Directive 2014/53/EU.

#### Annexes:

The certificate is only valid in conjunction with the following **number** of annexes: 1

#### Validity:

The validity of this certificate is limited to 5 years after the date of issue. Revisions of the applied standards and/or modifications of the approved type that may affect the conformity of the radio equipment with the essential requirements of Directive 2014/53/EU may also have an impact on the validity of this certificate.

**Certificate Registration No.:** **M19-0677-01-TEC**  
**CETECOM GmbH**

**Place, issue date**  
Essen, 2019-02-15

Authorized signature



BNetzA-bS-13/51-58

**Product Characteristics:**

HW Version: R1.0

SW Version: EM12GPAR01A08M4G

**UMTS / LTE part:**

Frequency Band(s):

WCDMA (FDD I,II,III,IV,V,VIII,IX,XIX)

LTE (FDD 1,2,3,4,5,7,8,9,12,13,14,17,18,19,20,21,25,26,28,29,30,32,66) (TDD 38,39,40,41)

Power Class:

WCDMA/LTE: 3

**GNSS part:**

Operating Frequency Range:

Modulation:

GPS/GALILEO

1559 MHz to 1610 MHz

BPSK

GLONASS

1559 MHz to 1610 MHz

BPSK

BDS

1559 MHz to 1610 MHz

BPSK

QZSS

1559 MHz to 1610 MHz

BPSK

**Note:** Non-European radio frequency bands and/or technologies supported by the equipment were not part of the assessment and are marked in grey

**Conformity Details:**

Requirement	Standard(s), test report number & laboratory
Radio spectrum	<b>EN 301 908-1 V11.1.1 / EN 301 908-2 V11.1.2 / EN 301 908-13 V11.1.2 / EN 303 413 V1.1.1</b> -No.: EM8N2911 Rev. 01 by Sporton International Inc. (KunShan) -No.: EZ8N2911 Rev. 02 by Sporton International Inc. -No.: ER8N2911 Rev. 01 by Sporton International Inc. (KunShan)
EMC	<b>Draft EN 301 489-1 V2.2.0 / Draft EN 301 489-19 V2.1.0 / Draft EN 301 489-52 V1.1.0</b> -No.: EW8N2911 Rev. 01 by Sporton International Inc. (KunShan)
Safety	<b>EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013</b> -No.: L8D0415L408 by Sporton International Inc. (Safety Lab.)
Health	<b>EN 62311:2008</b> -No.: EA8N2911 Rev. 02 by Sporton International Inc. (KunShan)

**Miscellaneous:**

- Product's Technical Documentation

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