EU-Type Examination Certificate

1622 - RED - 261514

In compliance with Radio Equipment Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment, this certificate applies to the product(s)

Product(s): Telematics Gateway
for Light and Medium Duty Vehicles and Assets (Vehicle Telematics Unit)

Model(s): LMU2650MB, LMU2650MB Sealed

Placed on the market under the name or trademark of

Calamp Wireless Networks
2200 Faraday Ave, Suite 220, Carlsbad, CA 92008, USA

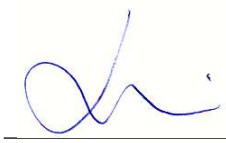
This certificate attests that we, as EU Notified Body number 1622, have examined the technical documentation and supporting evidence for the above-listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination:

Article 3.1 (a) in respect of Health and Safety
Article 3.1 (b) in respect to Electromagnetic Compatibility
Article 3.2 in respect to the use of the Radio Spectrum

This is based on an examination of the following Technical Documentation file. Please refer to the Annex for further technical details.

Technical Documentation File: CER222130

Certificate Version: 1.0

Authorized Signatory 

Jin Xu, Senior Technical Assessor

Date Issued **11 / 11 / 2026**

Day / Month / Year

This certificate remains valid, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Nemko. Should the specified regulations or standards be amended, the products are to be re-approved prior to being placed on the market. Nemko North America, Inc. is an SCC-accredited organisation.

Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Nemko for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel in the establishment or issuance of this document, and in connection with any activities for which it may provide.

Annex to EU-Type Examination Certificate

PRODUCT DESCRIPTION

Equipment description:	**Telematics Gateway for Light and Medium Duty Vehicles and Assets (Vehicle Telematics Unit)**
Model / type:	**LMU2650MB**
Variant Model(s):	**LMU2650MB Sealed**
Brand / trade name:	CalAmp®
Supply voltage:	**32 Vdc**
Hardware version:	**REV 3**
Software / Firmware version(s):	**FW: 4.6.3.9**
Antenna type:	**Cellular: AVX 1004795: Internal SMT** **BLE: AVX 1001312: Internal Ceramic**
Maximum antenna gain:	**Cellular: 3.1 dBi** **BLE: 1.88 dBi**

TECHNICAL CHARACTERISTICS

Radio Type	Frequency Range	EIRP Power	Modulation
Bluetooth LE	2402-2480 MHz	4.9 dBm	GFSK
GSM 900	880-915 MHz	30 dBm	GMSK, 8PSK
GSM 1800	1710-1785 MHz	30 dBm	GMSK, 8PSK
LTE FDD B1	1920-1980 MHz	23 dBm	QPSK, 16QAM
LTE FDD B3	1710-1785 MHz	23 dBm	QPSK, 16QAM
LTE FDD B8	880-915 MHz	23 dBm	QPSK, 16QAM
LTE FDD B20	832-862 MHz	23 dBm	QPSK, 16QAM
LTE FDD B28	703-748 MHz	23 dBm	QPSK, 16QAM
GPS/GALILEO	1575.42-1602 MHz	-	BPSK/CBOC

TYPE EXAMINATION DOCUMENTATION & ASSESSED STANDARDS

Article(s)	Assessed Standards	Test Report	Issued by
3.1 (a)	EN IEC 62368-1:2020+A11:2020	REP110769, issued 17-09-2026	Nemko USA, Inc.
	EN IEC 62311:2020	REP105564-6ARFWL, issued 26-09-2025	Nemko USA, Inc.
3.1 (b)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 ETSI EN 301 489-19 V2.2.1 ETSI EN 301 489-52 V1.2.1 EN 55032:2015+A11:2020 EN 55035:2017+A11:2020	REP105564-2TRFEMC, issued 18-09-2025 REP105564-1TRFEMC, issued 18-09-2025	Nemko USA, Inc.
3.2	ETSI EN 301 511 V12.5.1 ETSI EN 301 908-1 V15.1.1 ETSI EN 301 908-13 V13.2.1	REP105564-3R1TRFEMC, issued 18-09-2025 REP105564-3TFWL, issued 29-08-2025	Nemko USA, Inc.
	ETSI EN 300 328 V2.2.2	REP105564-4TRFWL, issued 12-09-2025	Nemko USA, Inc.
	ETSI EN 303 413 V1.2.1	REP105564-5TRFWL, issued 26-09-2025	Nemko USA, Inc.

ADDITIONAL DOCUMENTATION

Quectel Wireless Solutions Co., Ltd. Wireless Module, telefication bv EU RED Type Examination Certificate No.: 172141372/AA/03, Issued 10-05-2021

ADDITIONAL INFORMATION

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MARKING OF PRODUCT

Radio equipment shall bear a type, batch or serial number or other element allowing its identification as well as the name, registered trade name or registered trademark of the manufacturer and the postal address at which they can be contacted. If the manufacturer is not located in the EU, the radio equipment shall also bear the name, registered trade name, or registered trademark of the importer and the postal address at which they can be contacted. Where the size or nature of radio equipment does not allow the required marking, then it may be placed on its packaging, or in a document accompanying the radio equipment. The CE marking shall be affixed visibly, legibly, and indelibly to the radio equipment or to its data plate unless that is not possible or not warranted on account of the nature of the radio equipment. The CE marking shall also be affixed visibly and legibly to the packaging.

CERTIFICATE REVISION

Version	Date	Description
1.0	11/11/2026	Initial Issue