DEKRA Testing and Certification, S.A.U.

Product certification body accredited by ENAC with accreditation No. 134/C-PR301
and designated by the competent national authority of Spain
to act as Notified Body (Notified Body No: 1909) in accordance with the Directive 2014/53/EU of 16 April 2014

Directive 2014/53/EU – EU-TYPE EXAMINATION CERTIFICATE

Identification Number: **72475RNB.001A1**
Issue date: **2023-03-10**

MANUFACTURER DETAILS:

Company name: **Telit Wireless Solutions Co., LTD**
Address: **13th Fl.,Shinyoung Securities Bld, 6, Gukjegeumyung-ro 8-gil, Yeongdeungpo-gu, Seoul, 07330, South Korea**

EQUIPMENT DETAILS:

Type of equipment: **LE910C4-EU, LE910C1-EU, LE910C1-EUX**
Brand name: **Telit**

Model names:	LE910C4-EU	LE910C1-EU	LE910C1-EUX
HW versions:	1.10 1.30 1.40	1.10 1.30 1.40	1.10 1.30 1.40
SW versions:	M0F.670008 M0F.670010 M0F.670012 M0F.670013	M0F.220008 M0F.220010 M0F.220012 M0F.220013 M0F.920006 M0F.920008 M0F.920012 M0F.920013	M0F.223001 M0F.223002 M0F.223004 M0F.223006 M0F.923006

SCOPE OF OPINION:

Essential requirements	Specifications / Standards	Submitted documents
Article 3.1(a): Electrical safety	EN 62368-1:2014 + AC:2015 + AC:2017 + A11:2017	Test Reports
Article 3.1(a): EMF exposure	EN 62311: 2020	Test Report
Article 3.1(b): EMC	EN 301 489-1 V2.2.3 EN 301 489-19 V2.2.1 EN 301 489-52 V1.2.1	Test Reports
Article 3.2: Radio spectrum use	EN 301 511 V12.5.1 EN 301 908-1 V15.1.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.2.1 EN 303 413 V1.2.1	Test Reports

OPINION:

Our opinion in accordance with Annex III of DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on radio equipment and the mutual recognition of their conformity is that the equipment complies with the requirements of that directive stated in the above scope.

This opinion has 1 annex with **2 pages** and it is only valid in conjunction with it.

Signed on behalf of DEKRA Testing and Certification, S.A.U. in Málaga (Spain)

Firmado digitalmente por 32046566E RICARDO OREJAS (C:A29507456)
Nombre de reconocimiento (DN): cn=32046566E RICARDO OREJAS (C:A29507456), givenName=RICARDO, sn=OREJAS RODRÍGUEZ, serialNumber=IDCES-32046566E, 2.5.4.97=VATES-A29507456, ou=REGULATORY CERTIFICATION BODY, o=DEKRA TESTING AND CERTIFICATION, SAU, c=ES
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Name: Ricardo Orejas
Position: Responsible for Certification

Annex I to EU-Type Examination Certificate No. 72475RNB.001A1

TECHNICAL DOCUMENTATION:

Held at: **Telit Communications S.p.A.**
Address: **Via Stazione di Prosecco. 5/b Sgonico TS, 34010, Italy**

TECHNICAL FEATURES AND CHARACTERISTICS:

Operating frequency bands: **2G: E-GSM 900, DCS 1800**
3G: FDD I, III, VIII
LTE: FDD 1, FDD 3, FDD 7, FDD 8, FDD 20, FDD 28A
GNSS: GPS: L1; Galileo: E1; GLONASS: G1; BDS: B1I
Modulations: **2G: GMSK; 3G: QPSK, 16QAM; LTE: QPSK, 16QAM, 64QAM**
Data rates (maximum): **LE910C4-EU: Downlink: 150 Mbps; Uplink: 50 Mbps**
LE910C1-EU: Downlink: 10 Mbps; Uplink: 5 Mbps
LE910C1-EUX: Downlink: 10 Mbps; Uplink: 5 Mbps
Output power: **GSM/GPRS: 32.5 ±1 dBm (E-GSM 900); 29.5 ±1 dBm (DCS 1800)**
3G: 24.0 +1/-3 dBm
LTE: 23.0 ±2 dBm
Operating voltage: **Nominal: 3.8 VDC. VMax: 4.2 VDC; VMin: 3.4 VDC**
Operating temperature: **From -20ºC to 55ºC**
Antenna: **External antenna. Impedance: 50 ohm**
Intended use: **To provide connectivity to host devices through GSM/GPRS/WCDMA/HSPA/LTE networks**

CONFORMITY DETAILS:

Essential requirements	Specifications / Standards	Reference documents
Article 3.1(a): Electrical safety	EN 62368-1: 2014 + AC: 2015 + AC:2017 + A11: 2017	SN2002001 SN2002001R1 70537RSE.001A1 72475RSE.001
Article 3.1(a): EMF exposure	EN 62311: 2020	57536MPE.001
Article 3.1(b): EMC	EN 301 489-1 V2.2.3 EN 301 489-19 V2.2.1 EN 301 489-52 V1.2.1	19C0147R-RFCEP23V00 2050370R-E3042100029 70537REM.001A1 3771ERM.001
Article 3.2: Radio spectrum use	EN 301 511 V12.5.1 EN 301 908-1 V15.1.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.2.1 EN 303 413 V1.2.1	18A0084R-HPCEP08V00 18A0084R-HPCEP14V00 1890110R.002 Ver.02 57536RMV.003A2 57536RMV.004A1 16C0430R-RFCEP10V01 57536RRF.001A1 57536RRF.002A1 62825REM.002 19C0147R-HPCEP13V00 19C0147R-HPCEP13V00-A 19C0147R-HPCEP04V00 19C0147R-RFCEP55V00 2050370R-E3042300001 2050370R-E3042300001-A 2050370R-E3042300001-B 2050370R-E3042300001-C 70537REM.002 70537REM.003 70537RMV.002A1 70537RRF.001 3771ERM.002 3771ERM.003 72475RMV.003 3771ERM.004

REMARKS AND COMMENTS:

It is mandatory to inform DEKRA Testing and Certification, S.A.U. in writing about any change in the approved equipment identified in this certificate, which could affect the conformity of the apparatus with the essential requirements or the conditions of validity of this certificate.

EMF exposure only evaluated when the antenna used with the device is located at a minimum distance of 20 cm from the user.

Device evaluated with reference antennas as specified in the Technical Documentation. Antenna should be installed following manufacturer instructions. The use of different antennas or the integration conditions may affect the compliance; if the manufacturer is in doubt about the compliance then the equipment with the new antennas or under new integration conditions must be assessed to demonstrate compliance with the essential requirements of the 2014/53/EC Directive. It should be noted that assessment does not necessarily lead to testing.

This device has been evaluated on a test jig. This radio module is for professional installation only. When installing this radio module permanently into a host product to a create new radio equipment device; the manufacturer responsible for placing the final radio product on the market in the EU must assess if the combination of this radio module and the host product complies with the essential requirements of the RE Directive 2014/53/EU.

Host devices integrating this device will need to be evaluated according to the essential requirements of Directive 2014/53/EU following the guidelines provided in the document “REDCA Technical Guidance Note 01 on the RED compliance requirements for a Radio Equipment often referred to as Radio Module and the Final Radio Equipment Product that integrates a Radio Module”. This Technical Guidance Note may be accessed in RED Compliance Association website or may be obtained by contacting with DEKRA Testing and Certification, S.A.U. Notified Body at certification.rcb.es@dekra.com.

Test reports may show compliance with different standards versions listed. Where this happens, it has been analysed for using the more recent version of these standards since methods and compliance limits remain unchanged for the features supported by the devices under evaluation. Hence, there is no need to perform additional tests in order to demonstrate the compliance with the more recent version of the standard.

MODIFICATIONS:

A1 modification: amended due to a typo in Article 3.1(b) standard.

This certificate replaces and supersedes the certificate version 72475RNB.001.