

EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB
Notified Body Number **0700**



This is to certify that:

PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	17-213314
Manufacturer	Shenzhen Libtor Technology Co., Ltd
Address	Room 608, Building A, Hongshengyuan Industrial Zone, No.339 Bulong Road, Bantian Street Office, Longgang District, Shenzhen, Guangdong, China
Product Description	Industrial 4g router; with GSM, WCDMA, LTE, WIFI
Brand Name / Model Name	Linble / T260S, T270, T280, T300, D500, D520, D550, D560, M400, M450

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	Conform
Article 3.1 b): Electromagnetic Compatibility	Conform
Article 3.2: Effective and Efficient Use of Radio Spectrum	Conform
Additional Essential Requirements:	Not applicable

Date of issue	2017-10-26	Expiry date:	2022-10-25
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This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.

The attached Annex forms part of this certificate. This certificate consists of 3 pages.



Signed by Alan Lane
Notified Body

Annex

Technical description

Frequency Range	GSM 850/900/1800/1900 UTRA FDD Band I/II/V/VIII E-UTRA FDD Band 1/2/3/5/7/8/20 WiFi (20 MHz): 2412 - 2472 MHz WiFi (40 MHz): 2422 - 2462 MHz
Transmit Power	Max. 2W / Max. 1W UTRA FDD: 24 dBm E-UTRA FDD: 23 dBm WiFi: 11b: 13.64 dBm EIRP 11g: 12.34 dBm EIRP 11n HT20: 10.52 dBm EIRP 11n HT40: 9.48 dBm EIRP
Hardware Version	T260S_V16
Software Version	2.2.1.3

System Components

2.4G sucker antenna	SMA Antenna (SHENZHEN ZHONGTIANHAO COMMUNICATION EQUIPMENT CO.,LTD TECHNOLOGY DEPARTMENT)
3G/4G sucker antenna	SMA Antenna (SHENZHEN ZHONGTIANHAO COMMUNICATION EQUIPMENT CO.,LTD TECHNOLOGY DEPARTMENT)

Optional Components

Adapter	KZ1201000V (Shenzhen Kezhen Electronic Co., Ltd) Specification: Input: 100-240V~,50/60Hz, 0.3A Max. Output: DC12V, 1.0A
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Approval documentation

External / Internal Photos	Provided, 4 / 4 pages
User Manual	User Manual, 24 pages
Block Diagram	Provided, 1 page
Circuit Diagram	Provided, 37 pages
Operational Description	Operation Description, 2 pages
PCB Layout	Included in Placement
Parts Placement	Provided, 16 pages
Parts List	Provided, 9 pages
EU Declaration of Conformity	2 pages, August 28, 2017
Explanation of compliance Article 10(2) and Article 10(10)	Description in the User Manual
Further Documents	Risk Assessment, 4 pages, August 28, 2017 Differences Declaration, 1 page, August 28, 2017



Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Shenzhen TCT Testing Technology Co., Ltd.	TCT170731S009
EN 62311:2008	Shenzhen TCT Testing Technology Co., Ltd.	TCT170731E022
Draft ETSI EN 301 489-1 V2.2.0 Draft ETSI EN 301 489-17 V3.2.0 Draft ETSI EN 301 489-52 V1.1.0	Shenzhen TCT Testing Technology Co., Ltd.	TCT170731E021
ETSI EN 301 511 V12.5.1	Shenzhen TCT Testing Technology Co., Ltd.	TCT170731E016
ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-2 V11.1.1	Shenzhen TCT Testing Technology Co., Ltd.	TCT170731E017
ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-13 V11.1.1	Shenzhen TCT Testing Technology Co., Ltd.	TCT170731E020
ETSI EN 300 328 V2.1.1	Shenzhen TCT Testing Technology Co., Ltd.	TCT170731E015


Limitations / Restrictions

Operating Temperature range -20 ~ 40 degree Celsius

This device also contains frequency bands that are not operational in EU member states. Only the frequency bands used in European Union have been assessed for this EU-TYPE EXAMINATION (MODULE B) CERTIFICATE.

Body Separation distance is 45cm by using the procedure of MPE calculation.

Notes

1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.
2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.
3. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.
4.  The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.
5. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

