

EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB
Notified Body Number **0700**



BNetzA-bs-02/51-55

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.	19-212126
Manufacturer	Shenzhen Chainway Information Technology Co.,Ltd.
Address	9/F, Building 2, Daqian Industrial Park, Longchang Rd., District 67, Bao'an, Shenzhen, China
Product Description	Fixed Android UHF Reader; with GSM, WCDMA, LTE, WiFi, and RFID
Brand Name / Model Name	CHAINWAY / URA8

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	27-12-2019	Expiry date:	26-12-2024
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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 Wayne Hsu
Notified Body

Annex

Technical description

Frequency Range	GSM 900/1800 MHz UTRA FDD Band I/VIII E-UTRA FDD Band 1/3/7/8/20 WiFi (20MHz): 2412 - 2472 MHz WiFi (40MHz): 2422 - 2462 MHz RFID 865.7-867.5 MHz (4CH)
Transmit Power	Max. 2W / Max. 1W UTRA FDD: 24 dBm E-UTRA FDD: 23 dBm WiFi: 15.51 dBm EIRP RFID: 27.65 dBm ERP
Hardware Version	V12
Software Version	A8_20191010

System Components

External antenna	Two provided, AX4GSC03, 1.9 dBi (Shenzhen Kangyuanxin Communication Technology Co., Ltd)
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Optional Components

Adapter	CGSW65-120-5000II Input:100-240V~,50/60Hz,1.5A; Output: 12Vdc/5.0A (SHENZHEN SHI YING YUAN ELECTRONICS CO LTD)
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Approval documentation

	Technical Documentation including CHAINWAY_URA8 External / Internal Photos, User Manual, Label, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List.
EU Declaration of Conformity	1 page, 15 December, 2019
Explanation of compliance Article 10(2) and Article 10(10)	Description in the User Manual
Further Documents	Risk Assessment, 2 pages, 15 December, 2019


Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 62368-1:2014	Shenzhen Morlab Communications Technology Co., Ltd.	SZ19100317A01
EN 62311:2008	Shenzhen Morlab Communications Technology Co., Ltd.	SZ19100317S01
ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.1.1 Draft ETSI EN 301 489-17 V3.2.0 Draft ETSI EN 301 489-52 V1.1.0	Shenzhen Morlab Communications Technology Co., Ltd.	SZ19100317E01
ETSI EN 301 511 V12.5.1	Shenzhen Morlab Communications Technology Co., Ltd.	SZ19100317W04
ETSI EN 301 908-1 V13.1.1 ETSI EN 301 908-2 V11.1.2	Shenzhen Morlab Communications Technology Co., Ltd.	SZ19100317W05
ETSI EN 301 908-1 V13.1.1 ETSI EN 301 908-13 V13.1.1	Shenzhen Morlab Communications Technology Co., Ltd.	SZ19100317W03
ETSI EN 300 328 V2.2.2	Shenzhen Morlab Communications Technology Co., Ltd.	SZ19100317W01
ETSI EN 302 208 V3.1.1	Shenzhen Morlab Communications Technology Co., Ltd.	SZ19100317W02

Limitations / Restrictions

- Operating Temperature range is -25 - +65 degree Celsius.
- Body Separation distance is 20cm 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.