

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.	19-211271
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	UHF Sled Reader; with Bluetooth and RFID
Brand Name / Model Name	CHAINWAY / R6

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 **2019-07-30** Expiry date: **2024-07-29**

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	Bluetooth: 2402 - 2480 MHz (40CH) RFID: 865.7 - 867.5MHz (4CH)
Transmitted Power	Bluetooth: 1.23 dBm EIRP RFID: 32.546 dBm ERP
Hardware Version	PCB_R6_Blowmobile_V13
Software Version	2.0.4

System Components

Battery	J718, 3.7V/5200mAh (Hixon(Shenzhen)Technology Limited.)
---------	--

Optional Components

Adapter	NA010050020 Input:100-240V, 50/60Hz, 0.5A; Output: 5V/2A (Shenzhen Shi YingYuan Electronics Co., Ltd..)
---------	---

Approval documentation

External / Internal Photos	Provided, 5 pages / 11 pages
User Manual	UHF Sled Reader R6 User Manual, 25 pages
Block Diagram	Block Diagram, 1 page
Circuit Diagram	Provided, 9 pages
Operational Description	Operation Description, 2 pages
PCB Layout	Provided, 14 pages
Parts Placement	Provided, 19 pages
Parts List	Provided, 2 pages
EU Declaration of Conformity	2 pages, July 21, 2019
Explanation of compliance Article 10(2) and Article 10(10)	Description in the User Manual
Further Documents	Risk Assessment, 2 pages, July 23, 2019




Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011+A2:2013	Shenzhen Morlab Communications Technology Co., Ltd	SZ19050160A01
EN 50566:2017 EN 62209-2:2010 EN 50663:2017	Shenzhen Morlab Communications Technology Co., Ltd	SZ19050160S01
Draft ETSI EN 301 489-1 V2.2.0 Final draft ETSI EN 301 489-3 V2.1.1 Draft ETSI EN 301 489-17 V3.2.0	Shenzhen Morlab Communications Technology Co., Ltd	SZ19050160E01
ETSI EN 300 328 V2.1.1	Shenzhen Morlab Communications Technology Co., Ltd	SZ19050160W02
ETSI EN 302 208 V3.1.1	Shenzhen Morlab Communications Technology Co., Ltd	SZ19050160W01

Limitations / Restrictions

- Operating Temperature range is -20 - +50 degree Celsius.
- Body SAR Separation distance is 5mm.

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.

