

# **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. 18-212121

Manufacturer Fujian Baofeng Electronics Co., Ltd.

Address Changfu Industrial Zone, Xiamei, Nan'an,

Quanzhou, Fujian, China

Product Description TWO-WAY RADIO; with PMR

Brand Name / Model Name BAOFENG / BF-R5

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety Conform

Article 3.1 b): Electromagnetic Compatibility Conform

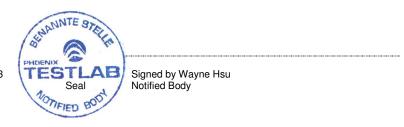
Article 3.2: Effective and Efficient Use of Radio Spectrum Conform

Additional Essential Requirements: Not applicable

Date of issue 2018-09-03 Expiry date: 2023-09-02

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.



Date 03 September 2018

### Annex

**Technical description** 

Frequency Range PMR: 400 - 470 MHz

PMR: 400.05 - 469.95 MHz Operating frequency

**Channel Spacing** 12.5 kHz, 25 kHz

Transmit Power PMR: High 2 Watts(32.8 dBm) / Low 0.1 Watts (19.8 dBm)

Hardware Version BF-T7-VER04 Software Version BF-T7-VER04

**System Components** 

Battery BL-3, 3.7V., 1500mAh, Fujian Baofeng Electronics Co., Ltd.

**Optional Components** 

Adapter Q5-0505-USBA.

In put: AC 100-240V,50/60Hz, Out put: 5VDC, 0.5A

Meixian Gaofeng Electronic Factory

Headset C-H, Length:1M, Fujian Baofeng Electronics Co., Ltd. **USB** Cable Length:1M, Fujian Baofeng Electronics Co., Ltd.

**Approval documentation** 

External / Internal Photos provided, 7 pages User Manual provided, 6 pages **Block Diagram** provided, 1 page Circuit Diagram provided, 1 page

Operational Description Operational Description, 2 pages

**PCB** Layout provided, 2 pages Parts Placement provided, 2 pages Parts List provided, 4 pages

**EU Declaration of Conformity** 2 pages, August 28, 2018

Explanation of compliance Article 10(2) and Article 10(10) The description in the user manual.

**Further Documents** Risk Assessment, 7 pages, August 28, 2018

Declaration of Operation in Member States, 12 pages, August 28,

2018



#### **Applied Standards and Test Reports**

| Specification  | Laboratory                                    | Test Report Number / Version |
|--|---|------------------------------|
| EN 60950-1:2006+A11:2009+<br>A1:2010+A12:2011+A2:2013            | Shenzhen Most Technology Service Co., Ltd.    | MTS/WNW/E18080634            |
| EN 50566:2017<br>EN 62209-2:2010                                 | Shenzhen Most Technology Service Co., Ltd.    | MTE/AVJ/E18081636            |
| Draft ETSI EN 301 489-1 V2.2.0<br>Draft ETSI EN 301 489-5 V2.2.0 | Shenzhen Most Technology Service Co., Ltd.    | MTE/AVJ/E18081619            |
| EN 300 086 V2.1.2  | Shenzhen Most Technology<br>Service Co., Ltd. | MTE/AVJ/E18081618            |

#### **Limitations / Restrictions**

Operating Temperature range -20 - 40 degree Celsius

Body SAR with belt clip Separation distance is 0mm and 25mm for Front-of-Face.

Restrictions for use shall be stated by the manufacturer, completed in the instructions accompanying the radio equipment. This could relate to frequency spectrum use and licence requirements.

#### **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.

