

# **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 TEŚTLAB 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. 18-211354

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-88E

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety Conform

Article 3.1 b): Electromagnetic Compatibility Conform

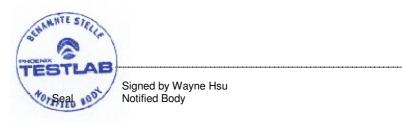
Article 3.2: Effective and Efficient Use of Radio Spectrum Conform

Additional Essential Requirements: Not applicable

Date of issue 2018-06-21 Expiry date: 2023-06-20

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.



### **Annex**

#### **Technical description**

Frequency Range PMR: 446 – 446.2MHz

Operating frequency PMR: 446.0062 – 446.19375 MHz

Channel Spacing 12.5 kHz

Transmit Power PMR: 0.5 Watts(26.92 dBm)

Hardware Version 5R-VER22160402

Software Version BF-88E 5R-VER22160402

**System Components** 

Battery BL-1, 3.7V., 1500mAh

SHENZHEN SHIRUUI BATTERY CO., LTD.

**Optional Components** 

Antenna Gain:2dB, Fujian Baofeng Electronics Co., Ltd.

Headset 1M, Fujian Baofeng Electronics Co., Ltd.
Recharge stand Specifications: OUT Put:DC5V 500mA

**Approval documentation** 

External / Internal Photos provided, 8 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, 4 pages
Parts List provided, 2 pages

EU Declaration of Conformity 2 pages, June 13, 2018 Explanation of compliance Have description letter.

Article 10(2) and Article 10(10)

Further Documents Risk Assessment, 7 pages, June 13, 2018

Declaration of Operation in Member States, 1 page, June 13, 2018



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

Specification	Laboratory	Test Report Number / Version
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011+A2:2013	Shenzhen Most Technology Service Co., Ltd.	MTS/LNT/E18050286
EN 50566:2017 EN 62209-2:2010	Most Technology Service Co., Ltd.	MTE/AVJ/E18060983 V1
Draft ETSI EN 301 489-1 V2.2.0 Draft ETSI EN 301 489-5 V2.2.0	Shenzhen Most Technology Service Co., Ltd.	MTE/AVJ/E18050845
ETSI EN 303 405 V1.1.1	Shenzhen Most Technology Service Co., Ltd.	MTE/AVJ/E18050846

#### **Limitations / Restrictions**

Operating Temperature range -20 - 40 degree Celsius

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

#### **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.

