

# 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.	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	<b>Conform</b>
Article 3.1 b): Electromagnetic Compatibility	<b>Conform</b>
Article 3.2: Effective and Efficient Use of Radio Spectrum	<b>Conform</b>
Additional Essential Requirements:	<b>Not applicable</b>

Date of issue	<b>2018-09-03</b>	Expiry date:	<b>2023-09-02</b>
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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	PMR: 400 - 470 MHz
Operating frequency	PMR: 400.05 - 469.95 MHz
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.
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### 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+ A1:2010+A12:2011+A2:2013	Shenzhen Most Technology Service Co., Ltd.	MTS/WNW/E18080634
EN 50566:2017 EN 62209-2:2010	Shenzhen Most Technology Service Co., Ltd.	MTE/AVJ/E18081636
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/E18081619
EN 300 086 V2.1.2	Shenzhen Most Technology 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.

