

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. | 18-210922 |
| Manufacturer | Fujian Baofeng Electronics Co., Ltd. |
| Address | Changfu Industrial Zone, Xiamei, Nan'an, Quanzhou, Fujian, China |
| Product Description | Two Way Radio; with PMR and FM |
| Brand Name / Model Name | BAOFENG / UV-6RA, UV-6R |

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 | 2018-04-30 | Expiry date: | 2023-04-29 |
|---------------|-------------------|--------------|-------------------|

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 Alan Lane
Notified Body

Annex

Technical description

| | |
|------------------|---|
| Frequency Range | PMR: 136 - 174 MHz / 400 - 470 MHz FM: 87.5 - 108.0 MHz (Rx) |
| Channel Spacing | 12.5 / 25 KHz |
| Transmit Power | 5W / 0.5W |
| Hardware Version | UV6R-R25-V01 |
| Software Version | 6R-201600119 |

System Components

| | |
|---------|---|
| Battery | UV-6RA, 7.4V 1800mAh, Fujian Baofeng Electronics Co., Ltd. |
| Antenna | External removable antenna, 2dBi, Quanzhou Risen Electronics Co., Ltd |

Optional Components

| | |
|----------------|---|
| Adapter | 480-10050-E.S, 10V 0.5A, Meixian Gaofeng Electronic Factory |
| Recharge stand | CH-5, Quanzhou Risen Electronics Co., Ltd. |

Approval documentation

| | |
|---|---|
| External / Internal Photos | provided, 7 pages / 4 pages |
| User Manual | USER'S MANUAL, 20 pages |
| Block Diagram | provided, 1 page |
| Circuit Diagram | provided, 1 page |
| Operational Description | UV-6RA Circuit Description, 2 pages |
| PCB Layout / Parts Placement | provided, 4 pages / 2 pages |
| Parts List | UV-6RA BOM List, 3 pages |
| EU Declaration of Conformity | provided, 2 pages, April 23, 2018 |
| Explanation of compliance Article 10(2) and Article 10(10) | provided in the user manual |
| Further Documents | Risk Assessment, 7 pages, April 23, 2018 Model Difference Letter, 1 page, April 23, 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/LNW/E18040170 |
| EN 62209-2:2010 EN 50566:2017 | Shenzhen Most Technology Service Co., Ltd. | MTE/LUL/E18040675 |
| Draft ETSI EN 301 489-1 V2.2.0 Draft ETSI EN 301 489-5 V2.2.0 EN 55032:2015 EN 55020:2007+A11:2011+A12:2016 | Shenzhen Most Technology Service Co., Ltd. | MTE/AVJ/E18040570 |
| ETSI EN 300 086 V2.1.2 | Shenzhen Most Technology Service Co., Ltd. | MTE/AVJ/E18040572 |
| Final draft ETSI EN 303 345 V1.1.7 | Shenzhen Most Technology Service Co., Ltd. | MTE/AVJ/E18040571 |


Limitations / Restrictions

Operating Temperature range -20 ~ 40°C

Separation distance of 0mm for Body SAR 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 be related to frequency spectrum use and license 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.