

# 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.         | 17-213610                                                                            |
| Manufacturer            | Qixiang Electron Science & Technology Co., Ltd.<br>Quanzhou                          |
| Address                 | Qixiang Building, Tangxi Industrial Zone, Luojiang District, Quanzhou, Fujian, China |
| Product Description     | MOBILE RADIO; with Amateur Radio                                                     |
| Brand Name / Model Name | -- / 5888UV                                                                          |

### 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>2017-12-08</b> | Expiry date: | <b>2022-12-07</b> |
|---------------|-------------------|--------------|-------------------|

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       | VHF: 144MHz - 146MHz<br>UHF: 430MHz - 440MHz                                                                                         |
| Operating Frequencies | VHF: 144.025MHz - 145.975MHz (Channel spacing: 12.5kHz / 25 kHz)<br>UHF: 430.025MHz - 439.975MHz (Channel spacing: 12.5kHz / 25 kHz) |
| Transmit Power        | VHF :60W/25W/10W/5W<br>UHF: 40W/25W/15W/5W                                                                                           |
| Hardware Version      | 1.0                                                                                                                                  |
| Software Version      | 1.0                                                                                                                                  |

### System Components

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### Optional Components

|         |                                                                         |
|---------|-------------------------------------------------------------------------|
| Speaker | QHM-05, --, Qixiang Electron Science & Technology Co., Ltd.<br>Quanzhou |
|---------|-------------------------------------------------------------------------|

### Approval documentation

|                                                               |                                                                                                          |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| External / Internal Photos                                    | EUT Photo, 18 pages                                                                                      |
| User Manual                                                   | provided, 46 pages                                                                                       |
| Block Diagram                                                 | provided, 1 page                                                                                         |
| Circuit Diagram                                               | provided, 8 pages                                                                                        |
| Operational Description                                       | Circuit Description, 7 pages                                                                             |
| PCB Layout / Parts Placement                                  | provided, 16 pages                                                                                       |
| Parts List                                                    | provided, 30 pages                                                                                       |
| EU Declaration of Conformity                                  | 1 page, October 23, 2017                                                                                 |
| Explanation of compliance<br>Article 10(2) and Article 10(10) | Declaration of Operation in Member States and application for<br>certification, 1 page, October 23, 2017 |
| Further Documents                                             | Risk Assessment, 5 pages, December 01, 2017                                                              |



## Applied Standards and Test Reports

| Specification                                                     | Laboratory                                                  | Test Report Number / Version |
|-------------------------------------------------------------------|-------------------------------------------------------------|------------------------------|
| EN 60950-1:2006+A11:2009+<br>A1:2010+A12:2011+A2:2013             | Attestation of Global<br>Compliance (Shenzhen) Co.,<br>Ltd. | AGC00589170904ES01 V1.2      |
| EN 62311:2008                                                     | Attestation of Global<br>Compliance (Shenzhen) Co.,<br>Ltd. | AGC00589170904EH04           |
| Draft ETSI EN 301 489-1 V2.2.0<br>Draft ETSI EN 301 489-15 V2.2.0 | Attestation of Global<br>Compliance (Shenzhen) Co.,<br>Ltd. | AGC00589170904EE01           |
| ETSI EN 301 783 V2.1.1                                            | Attestation of Global<br>Compliance (Shenzhen) Co.,<br>Ltd. | AGC00589170904EE13           |

## Limitations / Restrictions

Operating Temperature range is -10 ~ 60 degree Celsius

The health assessment was calculated with a separation distance of 152cm, with an antenna gain of external antenna of 0 dBi

## 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.

