

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.	18-210776a
Manufacturer	Fujian Baofeng Electronics Co., Ltd
Address	Changfu Industrial Zone, Xiamei Town, Nanan, Quanzhou City, Fujian, China
Product Description	DUAL BAND FM TRANSCEIVER; with PMR, FM
Brand Name / Model Name	BAOFENG / UV-82, UV-82L; Pofung / GT-5

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	2018-04-25	Expiry date:	2023-04-24
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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.
This version of the certificate replaces the certificate 18-210776, which is hereby withdrawn.

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: VHF: 136MHz - 174MHz UHF: 400MHz - 470MHz
Operating Frequencies	PMR: VHF: 136.025 MHz - 173.975 MHz, Channel Spacing (12.5 kHz / 25 kHz) UHF: 400.025 MHz - 469.975 MHz, Channel Spacing (12.5 kHz / 25 kHz) FM: 88 - 108.0 MHz (Rx)
Transmit Power	PMR: 5W/1W
Hardware Version	UV82-FST8-VER02
Software Version	UV82

System Components

Battery	BL-8, 7.4V, 2000mAh, Dongguan Shirui Battery Co., Ltd
Antenna	--, Detachable Antenna, 2.15 dBi

Optional Components

Adapter	NLA100100W1U4S95, Fujian Baofeng Electronics Co., Ltd, Input: AC 100V-240V, 50/60Hz 400mA Output: DC 10V, 1000mA
Charger	--, Fujian Baofeng Electronics Co., Ltd, Input: 10V 1000mA, Output: 8.4V 500mA

Approval documentation

External / Internal Photos	EUT Photo, 7 pages / 11 pages
User Manual	provided, 1 page
Block Diagram	provided, 1 page
Circuit Diagram	provided, 1 page
Operational Description	UV-82 Circuit Description, 2 pages
PCB Layout / Parts Placement	provided, 6 pages
Parts List	provided, 3 pages
EU Declaration of Conformity	1 page, April 04, 2018
Explanation of compliance Article 10(2) and Article 10(10)	Declaration of Operation in Member States and application for certification, 1 page, April 04, 2018
Further Documents	Risk Assessment, 5 pages, April 19, 2018 Declaration on model difference, 1 page, April 04, 2018



Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011+A2:2013	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC02294180301ES01 V1.1
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011+A2:2013	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC02294180301ES02
EN 62209-2:2010 EN 50566:2017	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC02294180301EH01
Draft ETSI EN 301 489-1 V2.2.0 Draft ETSI EN 301 489-5 V2.2.0	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC02294180301EE01 V1.1
EN 55032:2015/AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC02294180301EE02
ETSI EN 300 086 V 2.1.2 ETSI EN 300 219 V 2.1.1	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC02294180301EE13
Final draft ETSI EN 303 345 V1.1.7	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC02294180301EE14

Limitations / Restrictions

Operating Temperature range is -10 ~ 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.

