

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.	18-212018
Manufacturer	Fujian Baofeng Electronics Co., Ltd.
Address	Changfu Industrial Zone, Xiamei, Nan'an, Quanzhou, Fujian, China
Product Description	TWO-WAY RADIOS; with PMR
Brand Name / Model Name	BAOFENG / DM-5R; Pofung / RD-5R

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	2018-08-29	Expiry date:	2023-08-28
---------------	-------------------	--------------	-------------------

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	VHF: 136MHz -174MHz UHF: 400MHz - 480MHz
Operating Frequencies	136.0125 - 173.9875 MHz 400.0125 - 479.9875 MHz
Channel Spacing	4FSK mode: 12.5 kHz
Transmit Power	5W/1W
Hardware Version	5R-DMR-V22 20170911
Software Version	5R-DMR-V22 20170911

System Components

Battery	BL-5H, 7.4V, 2800mAh, Dongguan Shirui Battery Co., Ltd
Antenna	External removable antenna, 2dBi, Fujian Baofeng Electronics Co., Ltd.

Optional Components

Adapter	480-10050-E.S, Input: AC 100V-240V, 50Hz 250mA Output: DC 10V, 500mA,
BATTERY CHARGER	Fujian Baofeng Electronics Co., Ltd., Input: DC 10V 500mA Output: DC 8.4V, 400mA,

Approval documentation

External / Internal Photos	provided, 8 pages
User Manual	provided, 53 pages
Block Diagram	provided, 1 page
Circuit Diagram	provided, 2 pages
Operational Description	Circuit Description, 2 pages
PCB Layout	provided, 4 pages
Parts Placement	provided, 2 pages
Parts List	provided, 4 pages
EU Declaration of Conformity	2 pages, August 16, 2018
Explanation of compliance Article 10(2) and Article 10(10)	Declaration of Operation in Member States and application for certification, 1 page, August 22, 2018
Further Documents	Risk Assessment, 7 pages, August 16, 2018 Model difference letter, 1 page, August 15, 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., Limited	MTS/JNY/E18070490
EN 50566:2017 EN 62209-2:2010	Shenzhen Most Technology Service Co., Limited	MTE/AVJ/E18071428
Draft ETSI EN 301 489-1 V2.2.0 Draft ETSI EN 301 489-5 V2.2.0	Shenzhen Most Technology Service Co., Limited	MTE/AVJ/E18071300
ETSI EN 300 113 V2.2.1	Shenzhen Most Technology Service Co., Limited	MTE/AVJ/E18071299


Limitations / Restrictions

Operating Temperature range is -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.