

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.	17-211274
Manufacturer	TYT ELECTRONICS CO., LTD
Address	Block 39-1, Optoelectronics-information industry base, Nan'an, Quanzhou, Fujian, China
Product Description	Analog Transceiver, Amateur radio variant see Notes, with FM broadcast receiver
Brand Name / Model Name	TYT / TH-UV8200, TH-UV8200R , TH-UV8000D, TH-UVF8, TH-350

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	2017-08-28	Expiry date:	2022-08-27
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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 Horst Dreinert
Notified Body

Annex

Technical description

Frequency Range	Amateur VHF 144 - 146 MHz Amateur UHF 430 - 440 MHz FM radio 87.5-108 MHz (receive only)
Operating frequencies	VHF 144.025-145.975 MHz UHF 430.025-439.975 MHz
channel spacing	12.5, 25 kHz
Transmit Power	VHF: 3 / 10 W UHF: 3 / 9 W
Hardware Version	TH-UV8200G
Software Version	TH-8200 V1
Firmware Version	---

System Components

Antenna	dedicated external, 1.5 dBi gain
Battery	TYT ELECTRONICS CO., LTD, MD-390, 7.4V, 2200mAh
Charger station	unnamed

Optional Components

Approval documentation

External / Internal Photos	provided
Operator's Manual	User Manual, TYT two-way radio
Block Diagram	provided, unnamed
Circuit Diagram	provided, unnamed
Operational Description	provided, unnamed
PCB Layout/ Parts Placement	provided, unnamed
Parts List	provided, unnamed
EU Declaration of Conformity	Declaration of Conformity, 1 page, 2017-05-15
Explanation of compliance Article 10(2) and Article 10(10)	Declaration of Operation in Member States, 1 page, 2017-05-15
Further Documents	Declaration on model difference.pdf, 1 page, 2017-05-15 Serial Model report: AGC01039170402AP02 V1.1




Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 60950-1:2006+A11:2009+A1:2010 +A12:2011+A2:2013	AGC Shenzhen	AGC01039170402ES01 V1.1
EN 50566:2013 EN 62209-2:2010 EN 62311:2008	AGC Shenzhen	AGC01039170402EH01
Draft EN 301 489-1 V 2.2.0 Draft EN 301 489-15 V 2.2.0	AGC Shenzhen	AGC01039170402EE01
EN 55032:2015+AC:2016 EN 55020:2007+A11:2011	AGC Shenzhen	AGC01039170402EE02
EN 301 783 V2.1.1	AGC Shenzhen	AGC01039170402EE13
Final Draft EN 303 345 V1.1.7	AGC Shenzhen	AGC01039170402EE14

Limitations / Restrictions

- 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 requirement.
- Health: SAR was tested with a separation distance of 25 mm for held to Face. Body SAR fulfills the requirements for professionals only. The user is to inform about the restriction.
- Operating temperature range is -10° C to +40° C.
- Charging only with charger as stated in user manual:
Manufacturer: TYT ELECTRONICS CO., LTD. , Model Name: T-1206
Input: AC100-240V, 50/60Hz, 0.3A, Output: 12.5V DC, 0.5A

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.
6. The identification of the device concerning product category should be clearly to avoid confusion between similar products like e.g. general PMR, professional PMR as well as Amateur radio version.