

# 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.	19-212145
Manufacturer	TYT ELECTRONICS CO., LTD
Address	Block 39-1, Optoelectronics-information industry base, Nan'an, Quanzhou, Fujian, China.
Product Description	Analog Transceiver; with PMR and FM
Brand Name / Model Name	TYT / TH-UV88, TH-UV89, TH-5R, TH-8R, TH-9R, TH-10R

### 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>2020-01-15</b>	Expiry date:	<b>2025-01-04</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 Wayne Hsu  
Notified Body

## Annex

### Technical description

Frequency Range	PMR: 144 ~ 146 MHz PMR: 430 ~ 440 MHz FM: 87.5 ~ 108 MHz (Rx)
Operating frequency	PMR: 144.025 ~ 145.975 MHz PMR: 430.025 ~ 439.975 MHz
Channel Spacing	12.5 KHz
Transmit Power	PMR: High 5 Watts(36.84 dBm) / Low 1 Watts (29.74 dBm)
Hardware Version	AUV88BK VER 1.1
Software Version	V1.00

### System Components

Battery	TH-UV88, 7.4V 1400mAh TYT ELECTRONICS CO., LTD
Antenna	1.5dBi, TYT ELECTRONICS CO., LTD

### Optional Components

AC Charger	AD-UV88, Input: 100-240V~ 50-60Hz, 0.2A output: DC8.4V, 0.5A TYT ELECTRONICS CO., LTD
------------	--

### Approval documentation

	Technical Documentation including TYT _ TH-UV88 External / Internal Photos, User Manual, Label, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List
EU Declaration of Conformity	2 pages, 9 January, 2020
Explanation of compliance Article 10(2) and Article 10(10)	Declaration of Operation in Member States and application for certification, 9 January, 2020
Further Documents	Risk Assessment, 5 pages, 9 January, 2020 Declaration on model difference, 1 page, 9 January, 2020



### Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 62368-1:2014/A11:2017	Attestation of Global Compliance (Shenzhen) Co., Ltd	AGC02931191003ES01 V1.1
EN 50566:2017 EN 62209-2:2010	Attestation of Global Compliance (Shenzhen) Co., Ltd	AGC02931191003EH01 V1.0
ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-15 V2.2.1	Attestation of Global Compliance (Shenzhen) Co., Ltd	AGC02931191003EE01 V1.1
EN 55032:2015 EN 55035:2017 EN 61000-3-2 EN 61000-3-3	Attestation of Global Compliance (Shenzhen) Co., Ltd	AGC02931191003EE02 V1.0
EN 301 783 V2.1.1	Attestation of Global Compliance (Shenzhen) Co., Ltd	AGC02931191003EE22 V1.1
Final draft ETSI EN 303 345 V1.1.7	Attestation of Global Compliance (Shenzhen) Co., Ltd	AGC02931191003EE14 V1.0


### 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.