

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.	19-210597
Manufacturer	SAIN3 LLC
Address	36 Berkley Drive Newark Delaware United States 19702
Product Description	DMR Digital Transceiver; with PMR
Brand Name / Model Name	Radioddity / GD-73, GD-73A, GD-73E, GD-61, GD-62

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	2019-04-26	Expiry date:	2024-04-25
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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 Wayne Hsu
Notified Body

Annex

Technical description

Frequency Range	446.00625 ~ 446.19375MHz
Operating frequency	446.00625 ~ 446.19375MHz
Channel Spacing	12.5 KHz
Transmit Power	PMR: 0.5 Watts(26.88 dBm)
Hardware Version	MD430-MB-V1.4
Software Version	V1.15

System Components

Battery	MD-430, 3.7V, 2600mAh TYT Electronics Co., Ltd.
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Optional Components

Charger	TYT Electronics Co., Ltd. Input: DC 5.5V, 500A Output: DC 4.2V, 0.45A
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Approval documentation

External / Internal Photos	provided, 12 pages
User Manual	provided, 17 pages
Block Diagram	provided, 1 page
Circuit Diagram	provided, 3 pages
Operational Description	Operational Description, 1 page
PCB Layout	provided, 2 pages
Parts Placement / PCB Layout	provided, 10 pages
Parts List	provided, 6 pages
EU Declaration of Conformity	1 page, April 04, 2019
Explanation of compliance Article 10(2) and Article 10(10)	Declaration of Operation in Member States and application for certification, 1 page, April 04, 2019
Further Documents	Risk Assessment, 5 pages, April 04, 2019 Declaration on model difference, 1 page, April 04, 2019 Construction Equality Declaration, 1 page, April 04, 2019



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.	AGC02931181103ES01 V1.1
EN 62471:2008	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC02931181103SS01 V1.0
EN 62209-2:2010 EN 50566:2017	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC02931181103EH01 V1.0
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.	AGC02931181103EE01 V1.1
ETSI EN 303 405 V1.1.1	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC02931181103EE22 V1.1

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.

The provided AC/DC adapter (has not been considered for the RED assessment) is:


Manufacturer : TYT Electronics Co., Ltd.

Brand name : N/A, Model Name: CG-Q0510

Input: AC100-240V, 50/60Hz, 0.1A; Output: DC5.5V, 500mA

The related safety report AGC02931181103ES02 V1.0.

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.