

# 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.	20-210840
Manufacturer	Shenzhen Huafului Technology Co., Ltd.
Address	Unit 1401 & 1402, 14/F, Jin qi zhi gu mansion (No. 4 building of Chong wen Garden), Crossing of the Liu xian street and Tang ling road, Tao yuan street, Nan shan district, Shenzhen, P.R. China
Product Description	Smart Phone; with GSM, WCDMA, LTE, Bluetooth, 2.4G WiFi, GPS and FM broadcast receiver
Brand Name / Model Name	HAFURY / M20

### 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>2020-07-28</b>	Expiry date:	<b>2025-07-27</b>
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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 4 pages.



Signed by Wayne Hsu  
Notified Body

## Annex

### Technical description

Frequency Range	GSM 850 / 900 / 1800 / 1900 UTRA FDD Band I / VIII E- UTRA FDD Bands 1 / 3 / 7 / 8 / 20 Bluetooth 2402 - 2480 MHz WiFi 2412 - 2472 MHz  GPS 1575.42 MHz receiver 87.5 to 108 MHz, broadcast receiver
Transmit Power	GSM Max. 2W / DCS Max.1W UTRA FDD 0.25W E-UTRA 0.2W Bluetooth 7.55 dBm EIRP WiFi 14.97 dBm EIRP
Hardware Version	TE647_MAIN_PCN_V1.0
Software Version	HAFURY_M20_A041CH_V03_20200713

### System Components

Secondary Lithium battery	Zhongshan Tianmao Battery Co., Ltd. M20, 3.8V, 3100mAh
Ear phone	Not provided by manufacturer. Necessary for FM antenna.

### Optional Components

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### Approval documentation

	Technical Documentation including HAFURY_M20 External / Internal Photos, User Manual, Label, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List
EU Declaration of Conformity	2 pages, 27 July, 2020
Explanation of compliance Article 10(2) and Article 10(10)	Declaration of Operation in Member States and application for certification, 1 page, 27 July, 2020
Further Documents	Risk Assessment, 8 pages, 27 July, 2020 Construction Equality Declaration, 1 page, 27 July, 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.	AGC00552200501ES01A
EN 50332-2:2013	Attestation of Global Compliance(Shenzhen) Co., Ltd.	AGC00552200501ES02A
EN 50360:2017 EN 50566:2017 EN 62209-1:2016 EN 62209-2:2010 EN 62479:2010	Attestation of Global Compliance(Shenzhen) Co., Ltd.	AGC00552200501EH01A
ETSI EN 301 489-1 V2.2.3 Draft ETSI EN 301 489-17 V3.2.2 ETSI EN 301 489-19 V2.1.1 Draft ETSI EN 301 489-52 V1.1.0	Attestation of Global Compliance(Shenzhen) Co., Ltd.	AGC00552200501EE01A
EN 55032:2015/AC:2016 EN 55035:2017 EN 61000-3-2:2019 EN 61000-3-3:2013/A1:2019	Attestation of Global Compliance(Shenzhen) Co., Ltd.	AGC00552200501EE02A
ETSI EN 301 511 V12.5.1	Attestation of Global Compliance(Shenzhen) Co., Ltd.	AGC00552200501EE03A
ETSI EN 301 908-1 V13.1.1 ETSI EN 301 908-2 V11.1.2	Attestation of Global Compliance(Shenzhen) Co., Ltd.	AGC00552200501EE07A
ETSI EN 301 908-1 V13.1.1 ETSI EN 301 908-13 V13.1.1	Attestation of Global Compliance(Shenzhen) Co., Ltd.	AGC00552200501EE10A
ETSI EN 300 328 V2.2.2	Attestation of Global Compliance(Shenzhen) Co., Ltd.	AGC00552200501EE04A AGC00552200501EE05A AGC00552200501EE11A
ETSI EN 303 413 V1.1.1	Attestation of Global Compliance(Shenzhen) Co., Ltd.	AGC00552200501EE06A
ETSI EN 303 345-1 V1.1.1 Draft ETSI EN 303 345-3 V1.1.0	Attestation of Global Compliance(Shenzhen) Co., Ltd.	AGC00552200501EE14A



### Limitations / Restrictions

- Operating Temperature range -10 - 40 degree Celsius
- Body SAR separation distance is 5 mm.
- This device also contains frequency bands that are not operational in EU member states. Only the frequency bands used in European Union have been assessed for this EU-TYPE EXAMINATION (MODULE B) CERTIFICATE.

### 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.

