EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB

Notified Body Number 0700

Bundesnetzagentur

BNetzA-bS-02/51-55

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.	19-211994
Manufacturer	Shenzhen Huaptec Co.,Ltd
Address	3rd FL, E BLDG, Sogood Science Park, SanWei community, Hangcheng Street, Bao'an District, Shenzhen, China
Product Description	cell phone signal booster; with GSM, WCDMA and LTE
Brand Name / Model Name	HiBoost / Hi10-5S, Hi10-3S

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	**05-12-2019**	Expiry date:	**04-12-2024**

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.

Seal

Signed by Wayne Hsu
Notified Body

12/5/2019 4:06 PM

Phone +49(0)5235-9500-24
Fax +49(0)5235-9500-28
notifiedbody@phoenix-testlab.de

PHOENIX TESTLAB GmbH
Königswinkel 10
D-32825 Blomberg, Germany
www.phoenix-testlab.de

Annex

Technical description

Frequency Range	GSM 900, Uplink:880-915 MHz / 925-960 MHz DCS 1800, Uplink:1710-1785 MHz / 1805-1880 MHz WCDMA band 1, Uplink:1920-1980 MHz / 2110-2170 MHz WCDMA band 8, Uplink:880-915 MHz / 925-960 MHz LTE band 1, Uplink:1920-1980 MHz / 2110-2170 MHz LTE band 3, Uplink:1710-1755 MHz / 1805-1880 MHz LTE band 7, Uplink: 2500-2570 MHz / 2620-2690 MHz LTE band 8, Uplink:880-915 MHz / 925-960 MHz LTE band 20, Uplink: 832-862 MHz / 791-821 MHz
Transmit Power	Uplink 25 dBm (Max.), Downlink 10 dBm (Max.)
Hardware Version	C27G-5S-EU-BTW-CE-V2.4.0.4_Release.hex
Software Version	C27G-5S-EU-BTW-V04

System Components

--	--

Optional Components

Outdoor Antenna	Omni-directional type, antenna gain is 3.5 dBi max.
Indoor Antenna	Wide band panel type, antenna gain is 5 dBi max.
AC adapter	GST18E05 Input:100-240Vdc,50/60Hz,0.5A; Output: 5V/3A (MEAN WELL (GUANGZHOU) ELECTRONIC CO., LTD HUADU BRANCH)
Car Charger	R8 Input:12V/24Vdc; Output: 5V/4.8A (Shenzhen Ruichengfeng Electronic Co., Ltd.)

Approval documentation	Technical Documentation including HiBoost_Hi10-5S External / Internal Photos, User Manual, Label, Block Diagram, Circuit Diagram, Operational Description, PCB Layout, Parts Placement, Parts List.
EU Declaration of Conformity	3 pages, 27 November, 2019
Explanation of compliance Article 10(2) and Article 10(10)	Description in the User Manual
Further Documents	Risk Assessment, 5 pages, 27 November, 2019

Phone +49(0)5235-9500-24
Fax +49(0)5235-9500-28
notifiedbody@phoenix-testlab.de

BENANNTE STELLE PHOENIX TESTLAB NOTIFIED BODY

PHOENIX TESTLAB GmbH
Königswinkel 10
D-32825 Blomberg, Germany
www.phoenix-testlab.de

Applied Standards and Test Reports

Specification	**Laboratory**	**Test Report Number / Version**
EN 60950-1: 2006+A11:2009+ A1:2010+A12:2011+A2:2013	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS191011011AS
EN 50385:2002	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS191011012AEE
ETSI EN 301 489-1 V2.1.1 ETSI EN 301 489-50 V2.1.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS191011012AEA
ETSI EN 303 609 V12.5.1	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS191011012AEB
ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-11 V11.1.2	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS191011012AEC
ETSI EN 301 908-1 V11.1.1 ETSI EN 301 908-15 V11.1.2	Shenzhen LCS Compliance Testing Laboratory Ltd.	LCS191011012AED

Limitations / Restrictions

- The user shall be informed by the person placing the product onto the market if an individual licence may be required for using in EC member states.
- Operating Temperature range is -25 - +55 degree Celsius.
- The health assessment was calculated with a separation distance of 20cm, with an antenna gain of external antenna of 5 dBi.

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. CE 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.

Phone +49(0)5235-9500-24
Fax +49(0)5235-9500-28
notifiedbody@phoenix-testlab.de

BENANNTE STELLE PHOENIX TESTLAB NOTIFIED BODY

PHOENIX TESTLAB GmbH
Königswinkel 10
D-32825 Blomberg, Germany
www.phoenix-testlab.de