

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.	17-213507a
Manufacturer	Foshan Amplitec Tech Development Co.,Ltd
Address	4th floor, 4th building, No.60 of the Langbao West Road, Chancheng District, Foshan City, Guangdong, China.
Product Description	Wide Band Repeater; with GSM and WCDMA
Brand Name / Model Name	Amplitec / C23S-GW, C23S-EW, C23S-GD, C23S-ED, C23S-GL, C23S-EL

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	2017-11-01	Expiry date:	2022-10-31
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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.
This version of the certificate replaces the expertise 17-213507, which is hereby withdrawn.

The attached Annex forms part of this certificate. This certificate consists of 4 pages.



Signed by Alan Lane
Notified Body

Annex

Technical description

Frequency Range	GSM 900 MHz: Downlink: 925MHz to 960MHz, Uplink: 880MHz to 915MHz UTRA FDD Band I: Downlink: 2110MHz to 2170 MHz, Uplink: 1920MHz to 1980MHz
Transmit Power	GSM 900 MHz: Downlink: 23±2dBm, Uplink: 23±2dBm, UTRA FDD Band I: 23±2dBm Downlink: 23±2dBm, Uplink: 23±2dBm,
Hardware Version	V1.0
Software Version	V1.0

System Components

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Optional Components

Adapter	GVE, GM26-120200-2A Input: 100-240Vac, 50/60Hz, 1.0A ; Output: 12Vdc, 2.0A (FoShan Shunde GUANYUAN Power Supply Co., Ltd.)
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Approval documentation

External / Internal Photos	provided, 5 pages / 14 pages
User Manual	provided, 22 pages
Block Diagram	provided, 1 page
Circuit Diagram	provided, 1 page / 1 page / 1 page / 1 page
Operational Description	Operation description, 2 pages
PCB Layout	provided, 4 pages / 2 pages
Parts Placement	provided, 1 page / 1 page
Parts List	provided, 3 pages
EU Declaration of Conformity	2 pages, October 13, 2017
Explanation of compliance Article 10(2) and Article 10(10)	The description in the user manual .
Further Documents	Risk Assessment, 5 pages, October 13, 2017



Applied Standards and Test Reports


Specification	Laboratory	Test Report Number / Version
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011+A2:2013	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISS170901301
Draft ETSI EN 301 489-1 V2.2.0 Draft ETSI EN 301 489-50 V2.2.0	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE170902101 V1
EN 50385:2002	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE170902105 V1
EN 55032:2015 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3:2013	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE170902104 V1
ETSI EN 303 609 V12.5.1	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE170902102 V1
ETSI EN 300 609-4 V 10.2.1 2012	Attestation of Global Compliance (Shenzhen) Co., Ltd	AGC01199151001EE04 V1
ETSI EN 301 908-1 V 11.1.1, ETSI EN 301 908-11 V11.1.2	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCISE170902103 V1
ETSI EN 301 908-1 V6.2.1 ETSI EN 301 908-11 V5.2.1	Attestation of Global Compliance (Shenzhen) Co., Ltd	AGC01199151001EE05 V1

Limitations / Restrictions

Operating Temperature range -20 - 35 degree Celsius



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.

