Expertise

**Expert Opinion of the Notified Body on the Conformity Assessment
according to Article 10.5 of R&TTE Directive 1999/5/EC**

PHOENIX TESTLAB

EU Identification Number **0700**

Bundesnetzagentur

Recognised by

BNetzA-bS-02/51-55

Expertise No.	14-112245
Certificate Holder	Gainer International (China) Limited
Address	C1, 3rd FL, Fufa Technology Park, Zhongting East Road, Shajing, Bao'an, Shenzhen, Guangdong, China
Product Description	Wireless Signal Repeater; with GSM
Brand Name / Model Name	-- / GCPR-E30, GCPR-E27, GCPR-E25, GCPR-E23, GCPR-E20, GCPR-E15, GCPR-E13, GCPR-E10, GCPR-G30, GCPR-G27, GCPR-G25, GCPR-G23, GCPR-G20, GCPR-G15, GCPR-G13, GCPR-G10

Opinion on the Essential Requirements

Article 3.1a): Health and Safety	**Remarks see annex**
Article 3.1b): Electromagnetic Compatibility	**No remarks**
Article 3.2: Effective Use of the Radio Spectrum	**No remarks**

CE-marking

Marking Example (Class 2)	$C\epsilon$ 0700 ①

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 29 April 2014

Place, Date of Issue

Seal

Signed by Alan Lane
Notified Body

Technical description

Frequency Range	EGSM 900 MHz: Downlink: 925 MHz to 960 MHz Uplink: 880 MHz to 915 MHz
Transmitted Power	Downlink: Max. 30 dBm Uplink: Max. 20 dBm

Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

☑ User Manual   ☑ Operational Description

☑ Block Diagram   ☑ Circuit Diagram

☑ Parts Placement   ☑ PCB-Layout

☑ Parts List

Hardware Version :   LTE20F-V03

Software Version :   20F-V03-software

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011	Global United Technology Services Co., Ltd.	GTSS14040040401
EN 50385:2002	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCIS14040024403
EN 301 489-1 V1.9.2 EN 301 489-8 V1.2.1	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCIS14040024401
EN 300 609-4 V10.2.1	Shenzhen Zhongjian Nanfang Testing Co., Ltd.	CCIS14040024402

Further Documents

EU Declaration of Conformity, 2 pages, 2014-04-25.

Authorization Letter, 1 page, 2014-04-25.

Construction Equality Declaration, 1 page, --.

Differences Declaration Letter, 1 page, --.

This OEM application will refer to expertise number 14-112098.

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Opinion on the Essential Requirements:

The basis of this Expertise is the Technical Construction File (TCF). If the TCF includes test reports issued by laboratories accredited to the standard ISO/IEC 17025, the test results of these reports are considered as a basis for the conformity assessment of the Notified Body.

Article 3.1a): Health and Safety:

- Health:

  - Conform

- Safety:

  - AC/DC Adapter: The adapter part has not been assessed. This should be tested according to EN 60950-1.

Article 3.1b): Electromagnetic Compatibility:

- Conform

Article 3.2: Effective Use of the Radio Spectrum:

- Conform

General Remarks:

- This conformity assessment is limited to the essential requirements of the R&TTE Directive. Only products fulfilling all essential requirements of all applicable new approach directives may be placed on the market and put into service.
  Products in compliance with all provisions of the applicable directives providing for the CE marking must bear this marking.

- Before putting a product on the market which uses non harmonised frequencies (Class 2) the national authorities of the member states have to be notified.

- The user shall be informed by the person placing the product onto the market if an individual confirmation by network operators may be required for using in EC member states.

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