

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**

Recognised by  Bundesnetzagentur


BNetzA-bs-02/51-55

Expertise No.	13-116209
Certificate Holder	Signalwing Corporation
Address	Area B 8th floor, Yongde Industrial Centre, 5 th Area Huaide Cuigang Industrial Park, Fuyong Street, Bao'an District, Shenzhen, China.
Product Description	Mobile phone signal repeater; with GSM
Brand Name / Model Name	Signalwing / J31-EG900-20; J31-EG900-10; J31- EG900-15; J31-EG900-18

Opinion on the Essential Requirements

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

CE-marking

Marking Example (Class 2) **CE 0700** 

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, 27 December 2013

Place, Date of Issue



Signed by Alan Lane
Notified Body

Technical description

Frequency Range Downlink: 880 MHz to 915 MHz
 Uplink: 925 MHz to 960 MHz

Transmitted Power Downlink: Max.20 dBm
 Uplink: Max.20 dBm

Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

- | | |
|---|---|
| <input checked="" type="checkbox"/> User Manual | <input checked="" type="checkbox"/> Operational Description |
| <input checked="" type="checkbox"/> Block Diagram | <input checked="" type="checkbox"/> Circuit Diagram |
| <input type="checkbox"/> Parts Placement | <input checked="" type="checkbox"/> PCB-Layout |
| <input checked="" type="checkbox"/> Parts List | |

Hardware Version: V2.0

Software Version: V2.0

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011	TÜV Rheinland (Shenzhen) Co., Ltd.	17030320 001
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011	Shenzhen Huatongwei International Inspection Co., Ltd.	TRS13110115
EN 50385:2002	Shenzhen Huatongwei International Inspection Co., Ltd.	TRE1311006503
EN 301 489-1 V1.9.2 EN 301 489-8 V1.2.1	Shenzhen Huatongwei International Inspection Co., Ltd.	TRE1311006502
EN 300 609-4 V10.2.1	Shenzhen Huatongwei International Inspection Co., Ltd.	TRE1311006501

Further Documents

EU Declaration of Conformity, 2 pages, 2013-12-16.

Power of Attorney, 1 page, 2013-12-16.

Product Declaration, 1 page, --



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:

- Conform

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.
- 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.
- 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 Technical Construction File should include the following technical documentation additionally:
 - Sub-board of Parts Placement

