

# 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.	16-210482
Certificate Holder	Jiangsu Jingchuang Electronics Co.,Ltd
Address	No.1 Huangshan Rd. Tongshan Economic Development Zone Xuzhou Jiangsu China
Product Description	Remote Temperature/Humidity Record and Alarm Monitor; with WiFi
Brand Name / Model Name	Elitech / RCW-800Wifi

## Opinion on the Essential Requirements

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

## CE-marking

Marking Example (Class 1) **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 9<sup>th</sup> March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 19 February 2016

Place, Date of Issue



Signed by Alan Lane  
Notified Body

## Technical description

Frequency Range	WiFi(20 MHz): 2412 - 2472 MHz
Transmitted Power	WiFi: 8.61 dBm EIRP
Operational temperature range Device	-10 ~ 25 degree Celsius
Operational temperature range Power adaptor	--

## 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 checked="" type="checkbox"/> Parts Placement | <input checked="" type="checkbox"/> PCB-Layout              |
| <input type="checkbox"/> Parts List                 |   |

Hardware Version: V0.2  
Software Version: 1.0

## Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Shenzhen BST Technology Co., Ltd.	BST1601486650001Y-1SR-2
EN 62479:2010	Shenzhen BST Technology Co., Ltd.	BST20160202-3
EN 301 489-1 V1.9.2 EN 301 489-17 V2.2.1	Shenzhen BST Technology Co., Ltd.	BST20160202-1
EN 300 328 V1.8.1	Shenzhen BST Technology Co., Ltd.	BST20160202-2

## Further Documents

EU Declaration of Conformity, 2 pages, 2016-02-02.



## 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:
  - The battery cell is not properly tested and approved by standard IEC 62133.

### Article 3.1b): Electromagnetic Compatibility:

- RS/CS setup photos is missing in the test report.

### 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 Technical Construction File should include the following technical documentation additionally:
  - Parts List
  - RF module of the schematic, parts list, PCB layout and parts placement

