

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.	16-210269a
Certificate Holder	Ruixing Hengfang Network (Shenzhen) CO., LTD
Address	Mintai Building District B 1401A-16, Wenxin Road #85, Nanshan Distric, Shenzhen, China
Product Description	LoRaWAN Temperature and Humidity sensor Node, non-specific SRD
Brand Name / Model Name	RisingHF / RHF1S001

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 remark**

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 9th March 1999 and is only valid in conjunction with the following annex (2 pages).

This version of the certificate replaces the expertise 16-210269, which is hereby withdrawn.

Blomberg, 19 February 2016.

Place, Date of Issue




Signed by Bernd Selck
Notified Body

Technical description

Frequency Range	864.1 - 864.5 MHz (5 channels, sub-class 66) 868.1 - 868.5 MHz (5 channels, sub-class 28)
Transmitted Power	12.90 dBm ERP 12.89 dBm ERP
Duty Cycle	< 0.1 %
Operational temperature range Device	-40° C - +80° C

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 checked="" type="checkbox"/> Parts List | |

Hardware Version: V2.0
Software Version: V2.0.3

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013	SZ Balun Technology	BL-SZ15C0259-101 Rev.02
EN 62311: 2008	SZ Balun Technology	BL-SZ15C0259-701
EN 301 489-1 V1.9.2 EN 301 489-3 V1.6.1	SZ Balun Technology	BL-SZ15C0259-401
EN 300 220-1 V2.4.1 EN 300 220-2 V2.4.1	SZ Balun Technology	BL-SZ15C0259-601 Rev.06

Further Documents

Declaration of Conformity.pdf, 1 page, 2016-01-18



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.

