

# 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.	14-117811
Certificate Holder	Vitalwell Electronics (Zhuhai) Pte.Ltd.
Address	Blk D3#415/416, Southern Software Park, Tangjia, Zhuhai, GuangDong, China
Product Description	VW1101M-8-A 868MHz wireless transceiver module
Brand Name / Model Name	Vitalwell / VW1101M-8-A

## Opinion on the Essential Requirements

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

## 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, 06 January 2015

Place, Date of Issue



Signed by Alan Lane  
Notified Body

## Technical description

Frequency Range      Subclass 28: 868.000-868.600 MHz  
Operating Frequency    868.300 MHz  
Transmitted Power    -4.82 dBm ERP  
Duty cycle              <1%

## 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:      2.0  
Software Version:      --

### Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011	Shenzhen Morlab Communications Technology Co., Ltd.	SZ14110139A01
EN 62479:2010	Shenzhen Morlab Communications Technology Co., Ltd.	SZ14110139S02
EN 301 489-1 V1.9.2 EN 301 489-3 V1.6.1	Shenzhen Morlab Communications Technology Co., Ltd.	SZ14110139E02
EN 300 220-1 V2.4.1 EN 300 220-2 V2.4.1	Shenzhen Morlab Communications Technology Co., Ltd.	SZ14110139W02

### Further Documents

EU Declaration of Conformity, 1 page, 2014-12-25.



## 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 software may affect the compliance, therefore the software version shall be stated.
- If the module shall be integrated into a system, this set needs to be reassessed.

