

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. | 14-117810 |
| Certificate Holder | Vitalwell Electronics (Zhuhai) Pte.Ltd. |
| Address | Blk D3#415/416, Southern Software Park, Tangjia, Zhuhai, GuangDong, China |
| Product Description | VW1101M-8 868MHz wireless transceiver module |
| Brand Name / Model Name | Vitalwell / VW1101M-8 |

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 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).

Blomberg, 09 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 -1.421 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: 1.2
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. | SZ14110139A02 |
| EN 62479:2010 | Shenzhen Morlab Communications Technology Co., Ltd. | SZ14110139S01 |
| EN 301 489-1 V1.9.2 EN 301 489-3 V1.6.1 | Shenzhen Morlab Communications Technology Co., Ltd. | SZ14110139E01 |
| EN 300 220-1 V2.4.1 EN 300 220-2 V2.4.1 | Shenzhen Morlab Communications Technology Co., Ltd. | SZ14110139W01 |

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.

