

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.	15-112453
Certificate Holder	Shenzhen Bilian Electronic Co., Ltd.
Address	Building B1, Zhongxing Industrial Zone, Juling, Jutang Community, Guanlan street, Bao'an, Shenzhen, Guangdong, P.R.China /P.C.:518110
Product Description	LB-LINK; module with WiF
Brand Name / Model Name	-- / BL-R8188EU1

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, 26 May 2015

Place, Date of Issue



Signed by Alan Lane
Notified Body

Technical description

Frequency Range WiFi(H20): 2412 - 2472 MHz
 WiFi(H40): 2422 - 2462 MHz

Transmitted Power 17.55 dBm EIRP

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: --
Software Version: --

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009 +A1:2010+A12 :2011+A2:2013	Global United Technology Services Co., Ltd.	GTSS15050032801
EN 62311:2008	Global United Technology Services Co., Ltd.	GTSE15040055203
EN 301 489-1 V1.9.2 EN 301 489-17 V2.2.1	Global United Technology Services Co., Ltd.	GTSE15040055201
EN 300 328 V1.8.1	Global United Technology Services Co., Ltd.	GTSE15040055202

Further Documents

EU Declaration of Conformity, 2 pages, 2015-05-15.



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.
- If the module shall be integrated into a system, this set needs to be reassessed.
- The software and hardware may affect the compliance, therefore the software version and hardware shall be stated.
- The Technical Construction File should include the following technical documentation additionally:
 - Parts Placement

