

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.	09-111134
Certificate Holder	SHENZHEN TENDA TECHNOLOGY CO., LTD
Address	Room 601-602, R/D Building Complex, Tsinghua High-Tech Park, Nanshan District, Shenzhen, P.R.China
Product Description	Wireless-N ADSL2+ Modem Router
Brand Name / Model Name	TENDA / W300D
Frequency Range	2.412 – 2.472 GHz
Transmitted Power	16.8 dBm (EIRP)

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

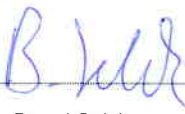
Marking Example (Class 2) **CE 0700** 

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, 14 May 2009

Place, Date of Issue




Signed by Bernd Selck
Notified Body

Technical Construction File (TCF):

Description

User Manual: W300D Wireless-N ADSL2+ Router User Guide, 53 pages, --
Operational Description: Product Specification W300D, Ver 2.2, 4 pages, --

Manufacturing Documents

Block Diagram: W300D_Block_Schematics.pdf, Rev 1.0, 17 pages, October 25, 2008
Circuit Diagram: W300D_Block_Schematics.pdf, Rev 1.0, 17 pages, October 25, 2008
Parts Placement: W300D_PCB_layout_placement.pdf, 2 pages, Jan 17 2009
PCB-Layout: W300D_PCB_layout_placement.pdf, 2 pages, Jan 17 2009
Parts List: W300D_BOM.pdf, 12 pages, 2008-09-02
Hardware Version: V1.0
Software Version: 0.1

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2001+A11:2004	Morlab	SZ08120103A03
EN 301 489-1 V1.8.1:2008 EN 301 489-17 V1.3.2:2008 (EN 55022:1998+A1:2000+A2:2003 EN 55024:1998+A1:2001+A2:2003)	Morlab	SZ08120103E05
EN 300 328 V1.7.1:2006	Morlab	SZ08120103E06
EN 60950-1:2006	Nemko Hong Kong	100728

Further Documents

List of Standards applied, 1 page, --
MPE Calculation, 1 page, --
Attestation of Conformity Nemko, 2 pages, 11 March 2008



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:

- Before putting a product on the market which uses non harmonised frequencies (Class 2) the national authorities of the member states have to be notified.
- 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.

