


# 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.	09-111133
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 Access Point
Brand Name / Model Name	TENDA / W300A
Frequency Range	2.412 – 2.472 GHz
Transmitted Power	19.9 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 9<sup>th</sup> March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 12 May 2009

Place, Date of Issue



  
Signed by Bernd Selck  
Notified Body

## Technical Construction File (TCF):

### Description

User Manual: W300A Wireless-N Access Point User Guide, 41 pages, --  
Operational Description: Product Specification W300A, Ver 2.2, 4 pages, --

### Manufacturing Documents

Block Diagram: W300A\_Block\_Schematics.pdf, Rev 1.0, 13 pages, January 17, 2009  
Circuit Diagram: W300A\_Block\_Schematics.pdf, Rev 1.0, 13 pages, January 17, 2009  
Parts Placement: W300A\_PCB\_layout\_placement.pdf, 2 pages, Jan 17 2009  
PCB-Layout: W300A\_PCB\_layout\_placement.pdf, 2 pages, Jan 17 2009  
Parts List: W300A\_BOM.pdf, 12 pages, 2008 8 25  
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	SZ08120103A04
(EN 301 489-1 V1.8.1:2008) EN 301 489-17 V1.3.2:2008	Morlab	SZ08120103E03
EN 300 328 V1.7.1:2006	Morlab	SZ08120103E04
EN 60950-1:2006	Nemko Hong Kong	100728
EN 62311:2008	Morlab	MPE Calculation

### 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.

