

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.	09-111208
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	11N Wireless USB Adapter
Brand Name / Model Name	TENDA / W322U
Frequency Range	2.412 - 2.472 GHz
Transmitted Power	18.1 dBm (EIRP)
Opinion on the Essential Requirements Article 3.1a): Health and Safety	Remarks see annex
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, 20 May 2009

Place, Date of Issue



Signed by Bernd Selck
Notified Body

Technical Construction File (TCF):

Description

User Manual: W322U 11N Wireless USB Adapter User Guide, 35 pages, --
Operational Description: Product Specification, W322U, Ver 2.2, 2 pages, --

Manufacturing Documents

Block Diagram: W322U_Block_Schematics.pdf, Rev 2.1, 8 pages, November 04, 2008
Circuit Diagram: W322U_Block_Schematics.pdf, Rev 2.1, 8 pages, November 04, 2008
Parts Placement: W322U_PCB_layout_placement.pdf, 2 pages, Feb 28 2009
PCB-Layout: W322U_PCB_layout_placement.pdf, 2 pages, Feb 28 2009
Parts List: W322U_BOM.pdf, 3 pages, 2008 11 7
Hardware Version: V1.0
Software Version: 1.0.0.1

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2001+A11:2004	Morlab	SZ09030039A01
EN 301 489-1 V1.8.1:2008	Morlab	SZ09030039E01
EN 301 489-17 V1.3.2:2008		
EN 300 328 V1.7.1:2006	Morlab	SZ09030039E02

Further Documents

List of Standards applied, 1 page, --
MPE Calculation, 1 page, --



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:

- Health: The USB Stick is only for use in the Cradle and must provide a separation distance of at least 20 cm from all persons.
- 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.

