

# Statement of Opinion



by the Notified Body TÜV Rheinland LGA Products GmbH  
according to the R&TTE Directive 1999/5/EC  
Notified under No. **0197** to the EC Commission

Registration No.: RT 60091149 0001

Report No.: 17037605 002

Holder: ZTE Corporation  
ZTE Plaza, Keji Road South,  
Hi-Tech Industrial Park,  
Nanshan District, Shenzhen  
Guangdong 518057  
China

Product: Radio Equipment  
(Wireless Router)

Identification: E5501  
(ZTE)

Essential requirements: Directive 1999/5/EC (R&TTE)  
Article 3.1a Health  
Article 3.1a Electrical Safety  
Article 3.1b EMC  
Article 3.2 Radio spectrum

With respect to Article 10 of the Directive 1999/5/EC, based on the technical construction file presented according to Annex IV of the Directive, the Notified Body of TÜV Rheinland LGA Products GmbH confirms, that the listed product complies with the above mentioned essential requirements. Not mentioned essential requirements may be relevant (see Annex I of this certificate), but were not considered by the Notified Body.  
This certificate consists of this page and Annex I.

Date 06.01.2014



Notified Body

  
S. Peng

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Ⓒ The CE marking may only be used if all relevant and effective EC Directives are complied with. Ⓒ

## Equipment

**Product** Wireless Router  
**Trademark** ZTE中兴  
**Identification** E5501  
**General product description** The E5501 is a wireless router. It offers four 10/100Base-T Fast Ethernet interfaces at the user end.  
It employs Wi-Fi 802.11 b/g/n protocols.

## System description

Frequency band(s) of operation : 2400-2483.5MHz  
Operating frequency : 2412-2472MHz  
Channel spacing / bandwidth : 5MHz / 20MHz and 40MHz  
RF output power : 19.99 dBm  
Type of modulation : CCK (DBPSK, DQPSK, BPSK)  
OFDM (BPSK, QPSK, 16QAM, 64QAM)  
Type of antenna : Integral Antenna (Max. 3 dBi gain)  
Mode of operation (simplex / duplex) : Duplex  
Duty cycle (access protocol, if applicable) : Up to 98.9%  
Equipment class acc. to Commission Decision 2000/299/EC : 1

**Manufacturer**  Opinion Holder  
**Company/Name** ZTE Corporation  
**Address**  
**Street** ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District  
**Town** Shenzhen  
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**Phone** +86 755 26770000  
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## Relevant essential requirements with respect to the R&TTE directive

Article 3.1 a Health  
 Article 3.1 a Electrical Safety  
 Article 3.1 b EMC  
 Article 3.2 Radio Spectrum

## Documentation

User Manual   
Block diagram   
Circuit diagram   
Part list   
PCB layout   
Photo documentation

**Annex 1 to the Notified Body Statement of Opinion**

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Applied harmonised standards (referred to the publication of the harmonised standards in the official Journal of the EU)			
Article	Standard	Test Report No.	Test facility
3.1a Health	EN 62311:2008	WT138003608	Shenzhen Academy of Metrology and Quality Inspection
3.1a Safety	EN 60950-1: 2006+A11 2009+A1:2010+A12:2011	WT133006115	Shenzhen Academy of Metrology and Quality Inspection
3.1b EMC	ETSI EN 301 489-1 V1.9.2 (2011-09) ETSI EN 301 489-17 V2.2.1 (2012-09) EN 55022:2010 EN 55024:2010 EN 61000-3-2 2006+A2 2009 EN 61000-3-3 2008	WT138003607	Shenzhen Academy of Metrology and Quality Inspection
3.2 Radio	ETSI EN300 328 V1.7.1 (2006-10)	WT138003608	Shenzhen Academy of Metrology and Quality Inspection

Applied non-harmonised standards under the R&TTE Directive [ see foot-note (*) ]			
Article	Standard	Test Report No.	Test facility
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Other solutions, adopted to meet the essential requirements [ see foot-note (*) ]			
Article	Standard	Test Report No.	Test facility
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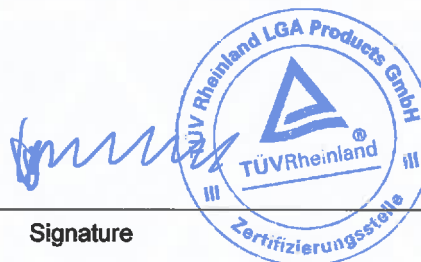
**(\*) Rationale for other solutions or non-harmonised standard application:**

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**Remarks:**

- The manufacturer or his authorised representative established within the European Community must keep the technical documentation for a period ending at least 10 years after the last product has been manufactured at the disposal of the relevant national authority of any Member State for inspection purpose.
- CE marking may only be used, if all relevant and effective EC directives are complied with.
- CE marking shall be accompanied by the identification number of the Notified Body TÜV Rheinland LGA Products GmbH 0197.
- The holder of this Statement of Opinion is authorised to use this Statement of Opinion in combination with the CE declaration of conformity referred to in Article 6 of the directive 1999/5/EC.
- This Statement of Opinion does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Date 06.01.2014



Signature