

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 60093113 0001

Report No.: 17038853 002

Holder: **HUAWEI TECHNOLOGIES CO., LTD.**
Administration Building,
Headquarters of Huawei
Technologies Co., Ltd.
Bantian, Longgang District
518129 Shenzhen
China

Product: Radio Equipment
(LTE USB Stick)

Identification: E3372s-153
(HUAWEI)

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 31.03.2014



Notified Body


S. Peng

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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

Equipment

Product : LTE US170B Stick
Trademark : HUAWEI
Identification : E3372s-153
General product description : E3372s-153 is a LTE/DC-HSPA+/HSPA+/HSPA/WCDMA/EDGE/GPRS/GSM ternary mode : 11 bands USB Stick is subscriber equipment in the LTE/UMTS/GSM system. Externally it provides USB interface (to connect to the notebook etc.), USIM card interface and Micro SD card interface. E3372s-153 has the internal main and secondary antenna as default.

System description

Frequency band(s) of operation : E-GSM, DCS, WCDMA Band I, WCDMA Band VIII, LTE Band 1, LTE Band 3, LTE Band 7, LTE Band 8, LTE Band 20
Operating frequency : E-GSM Band: Uplink: 880-915MHz, Downlink: 925-960MHz
DCS Band: Uplink: 1710-1785MHz, Downlink: 1805-1880MHz
WCDMA Band I: Uplink: 1920-1980MHz, Downlink: 2110-2170MHz
WCDMA Band VIII: Uplink: 880-915MHz, Downlink: 925-960MHz
LTE Band 1: Uplink: 1920-1980MHz, Downlink: 2110-2180MHz
LTE Band 3: Uplink: 1710-1785MHz, Downlink: 1805 - 1880MHz
LTE Band 7: Uplink: 2500-2570MHz, Downlink: 2620-2690MHz
LTE Band 8: Uplink: 880-915MHz, Downlink: 925-960MHz
LTE Band 20: Uplink: 832-862MHz, Downlink: 791-821MHz
Channel spacing / bandwidth : 200kHz, 5MHz, 10MHz, 15MHz, 20MHz
RF output power : E-GSM Band: 33dBm±2dB
DCS Band: 30dBm±2dB
WCDMA Band: 24dBm+1.7dB/-3.7dB
LTE Band: 23dBm+2.7dB/-2.7dB
Type of modulation : GMSK, 8PSK, QPSK, 16QAM
Type of antenna : Internal antenna
Mode of operation (simplex / duplex) : Duplex
Duty cycle (access protocol, if applicable) : Up to 100%
Equipment class acc. to Commission Decision 2000/299/EC : 1

Manufacturer

Opinion Holder

Company/Name : Huawei Technologies Co., Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.
Street : Bantian, Longgang District
Town : Shenzhen 518129
Country : China
Phone : +86 755 89650993
Facsimile : +86 755 89652518
Contact : anna.wang@huawei.com

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

Registration No.: RT 60093113 0001

Report No.: 17038853 002

Page 2 of 2



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 50566:2013 EN 62311:2008	EA430702	Sporton international (Shenzhen) inc.
3.1a Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	17038778 001	TÜV Rheinland (Shenzhen)
3.1b EMC	EN 301 489-1 V1.9.2 (2011-09) EN 301 489-7 V1.3.1 (2005-11) EN 301 489-24 V1.5.1 (2010-10)	17038852 001	TÜV Rheinland (Shenzhen)
3.2 Radio	EN 301 511 V9.0.2 (2003-03) EN 301 908-1 V6.2.1 (2013-04) EN 301 908-2 V5.4.1 (2012-12) EN 301 908-13 V5.2.1 (2011-05)	17038852 002	TÜV Rheinland (Shenzhen)

Applied non-harmonised standards under the R&TTE Directive [see foot-note (*)]			
Article	Standard	Test Report No.	Test facility
3.1a Health	--	--	--
3.1a Safety	--	--	--
3.1b EMC	--	--	--
3.2 Radio	--	--	--

Other solutions, adopted to meet the essential requirements [see foot-note (*)]			
Article	Standard	Test Report No.	Test facility
3.1a Health	EN 62209-2:2010	EA430702	Sporton International (Shenzhen) Inc.
3.1a Safety	--	--	--
3.1b EMC	--	--	--
3.2 Radio	--	--	--


(*) Rationale for other solutions or non-harmonised standard application:

EN 62209-2 is Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures Part 2: Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)

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 31.03.2014


 Signature

