

Notified Body Statement of Opinion

The TCF listed below has been evaluated to the requirements of the
European R&TTE Directive 1999/5/EC

Applicant name: ZTE Corporation
EUT: DC-HSPA+ Mobile hotspot
Model: MF80
Frequency bands: 880 MHz to 915 MHz
1710 MHz to 1785 MHz
1920 MHz to 1980 MHz
2412 MHz to 2472 MHz

TCF Number: NB_MF80
ACB Project Number: ATCB011390

ACB is designated as a Notified Body under the
U.S.-EU Mutual Recognition Agreement

ACB, Inc.
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In the opinion of ACB the examination of the technical construction file presented demonstrates the requirements of Directive 1999/5/EC have been met. The product listed above and in Annex 1 of this document, is in conformity with Annex IV and the essential requirements of Articles 3.1a, 3.1b and 3.2 of Directive 1999/5/EC. This statement of opinion relates only to the documents provided to ACB. A list of documentation forming the basis for the examination is provided in Annex 2 of this document.


Notified Body: Kerwin Chen

02 November 2011
Date



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**Annex 1 of NB Statement of Opinion
Number: NB_MF80 ATCB011390**

The device under evaluation was a wireless modem and router.
It is used GSM with GPRS and EDGE (EGPRS) technology in the E-GSM 900 MHz and, GSM 1800 MHz bands.
It used UMTS technology in the 900 MHz Band VIII and 2100 MHz Band I.
It used IEEE 802.11 b/g/n (HT20) Wireless Local Area Network in the 2.4 GHz band.

The device also operates on non-European bands which are not part of this evaluation.
This device was only evaluated over the bands available for use in Europe, detailed below.

Details of operation:

Description of service: GSM 900 MHz
Transmit Frequency: 880 MHz to 915 MHz
Receive Frequency: 925 MHz to 960 MHz
Modulation type: GMSK, 8PSK
Power Class: Class 4
Transmit power: 33.7 dBm (GMSK); 20.6 dBm (8PSK), Conducted

Description of service: GSM 1800 MHz
Transmit Frequency: 1710 MHz to 1785 MHz
Receive Frequency: 1805 MHz to 1880 MHz
Modulation type: GMSK, 8PSK
Power Class: Class 1
Transmit power: 29.7 dBm (GMSK); 20.0 dBm (8PSK), Conducted



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**Annex 1 of NB Statement of Opinion
Number: NB_MF80 ATCB011390**

Description of service: UMTS 900 MHz Band VIII
Transmit Frequency: 880 MHz to 915 MHz
Receive Frequency: 925 MHz to 960 MHz
Modulation type: QPSK, 16QAM (DL)
Power Class: Class 3
Transmit power: 20.9 dBm, Conducted

Description of service: UMTS 2100 MHz Band I
Transmit Frequency: 1920 MHz to 1980 MHz
Receive Frequency: 2110 MHz to 2170 MHz
Modulation type: QPSK, 16QAM (DL)
Power Class: Class 3
Transmit power: 22.3 dBm, Conducted

Description of service: WLAN
Transmit Frequency: 2412 MHz to 2472 MHz
Receive Frequency: 2412 MHz to 2472 MHz
Modulation type: DSSS, OFDM
Transmit power: 11.1 dBm, e.i.r.p.



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**Annex 2 of NB Statement of Opinion
Number: NB_MF80 ATCB011390**

1	Test Report:	Report number:	Dated:
	EMC	2011TAE212	26 October 2011
	Radio (GSM)	2011FTA139	26 October 2011
	Radio (UMTS)	2011FTA742R	01 November 2011
	Radio (WLAN)	2011WLN0318	01 November 2011
	RF Safety	RZA1110-1737SAR	27 October 2011
	Electrical Safety	2011SAF0080	01 November 2011

2	Technical Documentation provided:		
	Block Diagram	PCB layout	Schematic/Circuit Diagram
	External Photographs	Internal Photographs	Label Drawing
	Parts List / Bill of Material	Test Reports	Test Photographs
	Technical Description	Operational Description	User Manual
	Assembly Diagram	Declaration of Conformity	

3	Conformity documentation:	Dated:
	Declaration of Conformity	Signed and Dated

4	Standards used to show conformity to 1999/5/EC:		
	Radio Spectrum :	EN 300 328 V1.7.1	EN 301 511 V9.0.2
		EN 301 908-1 V4.2.1	EN 301 908-2 V4.2.1
	EMC :	EN 301 489-1 V1.8.1	EN 301-489-7 V1.3.1
		EN 301 489-17 V2.1.1	EN 301 489-24 V1.5.1
	RF Safety:	EN 62311: 2008,	EN 62209-2: 2010
	Electrical Safety:	EN 60950-1: 2006 + A11: 2009	

5	Other Relevant Essential Requirements	
	Art 6.3 Information to user provided:	Yes
	Art 6.4 Alert Symbol required:	Yes
	Art 12 CE Marking appropriate:	Yes

6. Further information:
This is a Class 2 device. Instructions are required in the manual for the restrictions of use.
The appropriate conformity information, CE Mark, Alert Symbol and Notified Body number (1588) must be clearly displayed on the equipment label, the user's manual and the packaging.
A statement of compliance with Directive 1999/5/EC or a copy of the Declaration of Conformity must be provided with each device.

7. Contact information:
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