

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: u-blox AG
EUT: 2G and 3G Module
Model: SARA-U270
Frequency bands: 880 MHz to 915 MHz
1710 MHz to 1785 MHz
1920 MHz to 1980 MHz

TCF Number: NB_SARA U270
ACB Project Number: ATCB015758

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

ACB, Inc.
Notified Body Number 1588
6731 Whittier Avenue, Suite C110
McLean, VA 22101, USA

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: P.A.J.M. Robben

8 July 2014
Date



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**Annex 1 of NB Statement of Opinion
Number: NB_SARA U270 ATCB015758**

The device under evaluation was a 2G/3G radio module.
It used GPRS technology in the E-GSM 900 MHz and DCS 1800 MHz bands.
It used UMTS technology in the 900 MHz Band VIII and 2100 MHz Band I.

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
Power class: Class 4
Transmit power (GPRS): 30.5 dBm (GMSK), conducted

Description of service: DCS 1800 MHz
Transmit frequency: 1710 MHz to 1785 MHz
Receive frequency: 1805 MHz to 1880 MHz
Modulation type: GMSK
Power class: Class 1
Transmit power (GPRS): 27.9 dBm (GMSK), 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
Power class: Class 3
Transmit power: 22.9 dBm, conducted

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
Power class: Class 3
Transmit power: 22.4 dBm, conducted



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Annex 2 of NB Statement of Opinion
Number: NB_SARA U270 ATCB015758

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|----|---|---|---|
| 1 | Test Report:
EMC
Radio (GSM/UMTS)
Radio (GSM/UMTS)
RF Safety
Electrical Safety | Report number:
MDE_UBLOX_1405_EMCa
MDE_UBLOX_1405_01
Annex to MDE_UBLOX_1405_01
MDE_UBLOX_1405_MPEa
071-75926706-100 | Dated:
12 June 2014
11 June 2014
30 June 2014
11 June 2014
3 July 2014 |
| 2 | Technical Documentation provided:
Antenna Details
External Photographs
Parts List / Bill of Materials
Test Photographs | Block Diagram
Internal Photographs
Technical Description
User Manual | Schematic/Circuit Diagram
Label Drawing
Test Reports
Operational Description |
| 3 | Standards used to show conformity to 1999/5/EC:
Radio Spectrum :

EMC :

RF Safety:
Product Safety | EN 301 511 V9.0.2
EN 301 908-1 V6.2.1
EN 301 489-1 V1.9.2
EN 301 489-24 V1.5.1
EN 62311: 2008
EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013 | EN 301 908-2 V6.2.1
EN 301 489-7 V1.3.1 |
| 4. | Other Relevant Essential Requirements
Art 6.3 Information to user provided: Yes
Art 6.4 Alert Symbol required: No
Art 12 CE Marking appropriate: Yes | | |
| 5. | Further information:
This is a Class 1 device if the device satisfactorily meets the requirements of EU sub-class 9 and is only used under the control of a public licensed network.
The appropriate conformity information, CE Mark 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.
The responsible party for integrating this device into host equipment must assess if the combination of this device and the host equipment will remain compliant with the essential requirements of the R&TTE Directive 1999/5/EC. | | |
| 6. | Contact information:
For contact with ACB or questions regarding this Statement of Opinion:
Web: www.acbcert.com ; | e-mail: customerservice@acbcert.com ; | Tel.: (+1) 703 847 4700 |



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