

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
EUT: GSM/UMTS/HSPA Data Module
Model: LISA-U201
Frequency bands: 880 MHz to 915 MHz
1710 MHz to 1785 MHz
1920 MHz to 1980 MHz

TCF Number: NB_LISA-U201
ACB Project Number: ATCB017901

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

ACB, Inc.
Notified Body Number 1588
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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.

Michael Derby

Notified Body: Michael Derby

22 December 2015

Date



**Annex 1 of NB Statement of Opinion
Number: NB_LISA-U201 ATCB017901**

The device under evaluation was a licensed cellular module.
It used GSM technology with GPRS and EGPRS/EDGE 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.

This device also contains 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: E-GSM 900 MHz
Transmit Frequency: 880 MHz to 915 MHz
Receive Frequency: 925 MHz to 960 MHz
Modulation: GMSK, 8-PSK
Power Class: Class 4
Transmit Power: 32.4 dBm, 25.0 dBm, conducted

Description of service: GSM 1800 MHz
Transmit Frequency: 1710 MHz to 1785 MHz
Receive Frequency: 1805 MHz to 1880 MHz
Modulation: GMSK, 8-PSK
Power Class: Class 1
Transmit Power: 29.6 dBm, 23.7 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: QPSK, 16QAM
Power Class: Class 3
Transmit Power: 22.6 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: QPSK, 16QAM
Power Class: Class 3
Transmit Power: 22.0 dBm, conducted



**Annex 2 of NB Statement of Opinion
Number: NB_LISA-U201 ATCB017901**

1	Test Report:	Report number:	Dated:
	EMC	MDE_UBLOX_1519_EMCa	18 August 2015
	Radio	MDE_UBLOX_1519_R&TTE_01	14 August 2015
	Radio	MDE_UBLOX_1519_R&TTE_01_ANNEX_1	17 August 2015
	RF Safety	MDE_UBLOX_1519_MPEb	<i>Not dated</i>
	Product Safety	071-75931916-000	9 November 2015

2	Technical Documentation provided:		
	Block Diagram	Circuit Diagram	External Photographs
	Internal Photographs	Label Drawing	Operational Description
	Parts List	PCB Layout	Technical Description
	Test Reports	Test Photographs	User Manual
	Declaration of Conformity		
	TCF: LISA-U200 ATCB017952		

3	Standards used to show conformity to 1999/5/EC:		
	Radio Spectrum:	EN 301 511 V9.0.2	
		EN 301 908-1 V6.2.1	EN 301 908-2 V6.2.1
	EMC:	EN 301 489-1 V1.9.2	
		EN 301 489-7 V1.3.1	EN 301 489-24 V1.5.1
	RF Safety:	EN 62311 : 2008	
	Product Safety:	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013	

4	Other Relevant Essential Requirements	
	Art 6.3 Information to user provided:	Yes
	Art 6.4 Alert Symbol required:	No
	Art 12 CE Mark correct on device:	Yes

5 Further information:
This is a Class 1 device.
The appropriate conformity information; CE Mark and Notified Body number (1588) must be clearly displayed on the equipment label, the user 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 is 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:		
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