

CETECOM ICT Services GmbH • Postfach 10 04 45 • D-66004 Saarbrücken

u-blox AG
attn. Mr. Giulio Comar
Zürcherstrasse 68
8800 Thalwil

SWITZERLAND

Your reference, your message from	Our reference, our message from	Phone / Fax	Saarbrücken
LISA-U260-01 (HW: 146AC1 / SW: 22.90)	SCHM	+49 (0)2054 / 9519-228 /	2013-07-30
Order dated 2013-07-24	M529183A-02-EO	+49 (0)2054 / 9519-964	

• **Conformity Assessment acc. to Annex IV of Directive 1999/5/EC (R&TTE Directive)**

identification of the proceeding

Registration Number: **M529183A-02-EO**

Product Manufacturer: **u-blox AG, Switzerland**

Product Designation: **3.75G UMTS/HSPA+ Data And Voice Module "LISA-U260-01"
GSM850/(E-)GSM900/GSM1800/GSM1900/WCDMA (FDD II,V)**

Dear Sir/Madam,

following your order we have performed the conformity assessment for your product given above. Please find enclosed the relating issue of the

Expert Opinion with the registration number :

M529183A-02-EO

Notes: The EC conformity marking (CE mark) of products as designated in the above given Expert Opinion shall be accompanied by our notified body identification number 0682 and the equipment class identifier if applicable (class 2 devices only) before the placing on the market. Please pay attention to further formal provisions of Directive 1999/5/EC regarding product labelling, obligatory information to the user or to authorities that may apply. Guidance is available from the EC commission's R&TTE web pages. For other products than those designated in the related Expert Opinion our notified body identification number may not be used without our written permission.

The order is concluded herewith. We will charge for our services by a separate invoice.

Yours faithfully
CETECOM ICT Services GmbH

Enclosure

- Expert Opinion

i.A. Marc Schmidt

CETECOM ICT Services GmbH

EC Identification number 0682

authorized by the German Government



Bundesnetzagentur

BNetzA-bS-02/51-52

to act as Notified Body in accordance with the R&TTE Directive 1999/5/EC of March 9th, 1999.

EXPERT OPINION

Registration-No : **M529183A-02-EO**

Applicant / Manufacturer: **u-blox AG**
Zürcherstrasse 68
8800 Thalwil
Switzerland

Product Designation: **LISA-U260-01 (HW: 146AC1 / SW: 22.90)**

Product Description: **3.75G UMTS/HSPA+ Data And Voice Module**
GSM850/(E-)GSM900/GSM1800/GSM1900/WCDMA (FDD II^(*),V^(*))
Power Classes: GSM850/900: 4 - GSM1800/1900: 1 - WCDMA: 3
GPRS/EGPRS Multislot Class 12
(*)not supported within EC - therefore not part of the assessment in hand

essential requirement (related R&ITE article)	Applied Specifications / Standards	Evidence Docum	Result
RF spectr. efficiency (Art. 3 2)	EN 301 511, v9.0.2	Test Report(s)	conform
EMC (Art. 3 1b)	EN 301 489-1, v1.9.2 / EN 301 489-7, v1.3.1	Test Report(s)	conform
Safety & Health (Art. 3 1a)	EN 60950-1:2006+A11:2009+A1:2010+A12:2011 EN 62311:2008	Test Report(s) / Calculation	conform

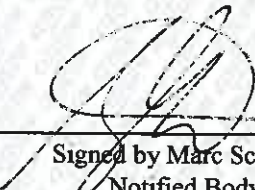
Marking: The EC conformity marking (CE mark) of the products shall be accompanied by our EC identification number 0682 as shown right hand.

CE 0682

The scope of evaluation relates to the submitted documents only. Information, documentation or evidence related to product functions beyond the scope of the R&ITE Directive may be given for informative reasons but has not been subject to the assessment under the R&ITE Directive as identified above (e.g. 2G or 3G frequency bands not used in Europe). This document is only valid in conjunction with the following annex.

Saarbruecken, July 30, 2013

Place, Date of Issue


Signed by Marc Schmidt
Notified Body



Technical Construction File (TCF) Details

Test Report(s) / Evidence regarding article 3.2 of the R&TTE Directive (RF spectrum efficiency):

- GSM Test Report(s) no. ES_GT_305050REV1^(*), ES_GT_307180^(*), ES_GT_308489^(*)

issued by: CETECOM GmbH

applied standard(s): EN 301 511, v9.0.2

note: In conjunction with further relevant parts of the presented TCF the above given test report(s) demonstrate(s) compliance of the product with article 3.2 of the R&TTE Directive.

Test Report(s) / Evidence regarding article 3.1b of the R&TTE Directive (EMC):

- EMC Test Report(s) no. 6-0143-12-10-1a-C2^(*)

issued by: CETECOM GmbH

applied standard(s): EN 301 489-1, v1.9.2 / EN 301 489-7, v1.3.1

note: In conjunction with further relevant parts of the presented TCF the above given test report(s) demonstrate(s) compliance of the product with article 3.1b of the R&TTE Directive.

Test Report(s) / Evidence regarding article 3.1a of the R&TTE Directive (safety & health):

- Safety Test Report(s) no. 1-5885/13-01-02^(*)

issued by: CETECOM ICT Services GmbH

applied standard(s): EN 60950-1:2006+A11:2009+A1:2010+A12:2011

- MPE Calculation(s) no. 6-0143-12-11-2f^(*)

issued by: CETECOM GmbH

applied standard(s): EN 62311:2008

note: In conjunction with further relevant parts of the presented TCF the above given test report(s) demonstrate(s) compliance of the product with article 3.1a of the R&TTE Directive.

Manufacturer's relevant technical documentation for the product.

Note: The assessment documented herein is partially based on documentation (incl. test reports marked with a star ^(*)) from assessment(s) applied to a product variant and/or former versions of the product which can be seen as identical in most relevant parts. Those documentation is additional part of the current TCF version or may be given there by reference, together with relevant update and / or comparison information.

Note: Compliance of the identified module with the essential requirements of the R&TTE directive does not automatically constitute compliance of host-products which will integrate the module. Those end-products must be subject to their own compliance assessment whereas above listed test evidence may be re-used to limit the required test scope when justifiable.
