

EU Declaration of Conformity

To whom it may concern:

Hereby, u-blox AG declares under its sole responsibility that the LISA-U230 GSM/EGPRS/UMTS/HSPA data and voice modules is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive (RED) 2014/53/EU and Restriction of the use of certain hazardous substances (RoHS 3) Directive 2015/863/EU.

Technology	Product Name
GSM/EGPRS/UMTS/HSPA	LISA-U230

Essential Requirements Radio Equipment Directive 2014/53/EU	Standards
Safety & Health (Article 3.1a)	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011+A2:2013 EN 62311:2008
EMC (Article 3.1b)	EN 301 489-1 V2.1.1 EN 301 489-52 V1.1.0
Radio Spectrum Efficiency (Article 3.2)	EN 301 511 V12.5.1 EN 301 908-1 V11.1.1 EN 301 908-2 V11.1.2

Essential Requirements RoHS 3 Directive 2015/863/EU	Standards
Prevention (Article 4.1)	EN 50581:2012

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Position: Certification Manager
Date of Issue: February 15, 2019
Signature:



Maximum Antenna Gain

Mode	Maximum Antenna Gain	Power Density
GSM 900	4,37 dBi	0,451 mW/cm ²
GSM 1800	10,45 dBi	0,856 mW/cm ²
UMTS FDD1	14,10 dBi	0,974 mW/cm ²
UMTS FDD8	10,56 dBi	0,441 mW/cm ²