

EU Declaration of Conformity

To whom it may concern:

Hereby, u-blox AG declares under its sole responsibility that SARA-R412M module 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) Directive 2011/65/EU.

Technology	Product Name
LTE Cat-M1, NB-IoT, and 2G	SARA-R412M

Essential Requirements	
Radio Equipment Directive 2014/53/EU	Standards
Safety & Health (Article 3.1a)	IEC 62368-1:2014 EN 62311:2008
EMC (Article 3.1b)	Draft EN 301 489-1 V2.2.0 Draft EN 301 489-52 V1.1.0
Radio Spectrum Efficiency (Article 3.2)	EN 301 908-1 V11.1.1 EN 301 908-13 V11.1.2 EN 301 511 V12.5.1
Essential Requirements	
RoHS Directive 2011/65/EU	Standards
Prevention (Article 4.1)	EN 50581:2012

The conformity assessment referred to in Article 17 and detailed in Annex III of Directive 2014/53/EU has been done with the Notified Body ATCB023361, issue 1.

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Position:	Certification Manager
Date of Issue:	17-12-2018
Signature:	

Maximum Antenna Gain

Mode	Maximum Antenna Gain (dBi)	Power Density (mW/cm ²)
GSM 900	3.21	.440
GSM 1800	9.09	.855
M1/NB1 FDD 3	11.33	.855
M1/NB1 FDD 8	8.45	.440
M1/NB1 FDD 20	8.20	.416