

# EU Declaration of Conformity

**Manufacturer name:** u-blox AG  
**Address:** Zuercherstrasse 68, CH-8800 Thalwil, Switzerland  
**Info :** www.u-blox.com  
**Product :** LARA-R281

To Whom it May Concern,

Hereby, u-blox AG declares under its sole responsibility that module is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Directive 2014/53/EU (RED) and the Restriction of the use of certain Hazardous Substances Directive 2011/65/EU (RoHS 2) and its amendment Directive 2015/863/EU (RoHS 3).

The conformity has been reviewed by the EU Notified Body ACB Inc. (Identification Number 1588), 6731 Whittier Avenue, Suite C110 McLean, VA 22101, USA.

Technology	Product
LTE CAT1 / HSPA	LARA-R281

Radio Equipment Directive 2014/53/EU Essential requirements	Standards
<b>Safety &amp; Health</b> (Article 3.1a)	EN 62368-1:2014 EN 62368-1:2014/AC:2015 EN 62368-1:2014 +A11:2017 EN 62311: 2008
<b>EMC</b> (Article 3.1b)	EN 301 489-1 V2.1.1 EN 301 489-52 V1.1.0
<b>Radio Spectrum Efficiency</b> (Article 3.2)	EN 301 908-1 V13.1.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.1.1

RoHS 2 Directive 2011/65/EU RoHS 3 Directive 2015/863/EU Essential requirements	Standards
<b>Prevention</b> (Article 4.1)	EN IEC 63000:2018

Signed for and on behalf of u-blox AG :

<b>Name</b>	Giulio Comar
<b>Position</b>	Certification Manager
<b>Date of issue</b>	27 October 2021
<b>Signature</b>	 u-blox AG

### Maximum Antenna Gain

Frequency Band	Maximum Gain (dBi)
LTE eFDD 1	12.90
LTE eFDD 3	12.42
LTE eFDD 8	9.53
LTE eFDD 20	9.28
LTE eFDD 28	8.61
UMTS FDD I	12.40