

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).

Technology	Product
LTE CAT1 / HSPA	LARA-R281

Radio Equipment Directive 2014/53/EU Essential requirements	Standards
Safety & Health (Article 3.1a)	EN 62368-1:2014 EN 62368-1:2014/AC:2015 EN 62368-1:2014 +A11:2017 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 301 908-1 V15.1.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.2.1

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

Signed for and on behalf of u-blox AG :

Name	Giulio Comar
Position	Certification Manager
Date of issue	7 July 2023
Signature	 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