

EU Declaration of Conformity

Manufacturer name: u-blox AG
Address: Zuercherstrasse 68, CH-8800 Thalwil, Switzerland
Info: www.u-blox.com
Product: LARA-R6001D, LARA-R6001

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 Eurofins Product Service GmbH (Identification Number 0681, Storkower Straße 38c, 15526 Reichenwalde, Germany), issuing the EU-Type Examination Certificate number G0M-2112-1195-V01.

Technology	Product
LTE CAT 1 UMTS/HSPA GSM/GPRS/EGRPS	LARA-R6001D, LARA-R6001

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 301 489-52 V1.2.1 EN 301 489-1 V2.2.3
Radio Spectrum Efficiency (Article 3.2)	EN 301 511 V12.5.1 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	16 June 2023
Signature	

Maximum Antenna Gain

Frequency Band	Maximum Gain (dBi)
LTE eFDD 1	12.84
LTE eFDD 3	12.36
LTE eFDD 7	13.51
LTE eFDD 8	9.45
LTE eFDD 20	9.20
LTE eFDD 28	8.47
LTE eTDD 38	13.01
LTE eTDD 40	13.01
LTE eTDD 41	13.01
UMTS FDD I	12.84
UMTS FDD VIII	9.45
GSM 900	2.96
GSM 1800	10.34