

# EU Declaration of Conformity

**Manufacturer name:** u-blox AG  
**Address:** Zuercherstrasse 68, CH-8800 Thalwil, Switzerland  
**Info:** www.u-blox.com  
**Product:** LARA-R6801, LARA-R6801D

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, registration number: GOM-2112-1197-V02.

Technology	Product
LTE CAT 1 UMTS/HSPA GSM/GPRS/EGRPS	LARA-R6801, LARA-R6801D

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 301 489-52 V1.2.1 EN 301 489-1 V2.2.3
<b>Radio Spectrum Efficiency</b> (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
<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>	7 February 2024
<b>Signature</b>	 u-blox AG

### 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
UMTS FDD I	12.84
UMTS FDD VIII	9.45
GSM 900	2.96
GSM 1800	10.34