

# EU Declaration of Conformity

**Manufacturer name:** u-blox AG  
**Address:** Zuercherstrasse 68, CH-8800 Thalwil, Switzerland  
**Info:** www.u-blox.com  
**Product:** SARA-R422, SARA-R422S, SARA-R422M10S

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 GOM-2207-1554-V02.

Technology	Product
LTE CAT M1 & NB2, 2G	SARA-R422, SARA-R422S, SARA-R422M10S

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 EN62311:2008
<b>EMC</b> (Article 3.1b)	EN 301 489-1 V2.2.3 (2019-11) EN 301 489-52 V1.2.0 (2021-09) EN 301 489-19 V2.1.1 (This applies only to SARA-R422M10S)
<b>Radio Spectrum Efficiency</b> (Article 3.2)	EN 301 511 V12.5.1 EN 301 908-1 V15.1.1 EN 301 908-13 V13.2.1 EN 303 413 V1.1.1 (This applies only to SARA-R422M10S)

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>	4 August 2023
<b>Signature</b>	 u-blox AG

### Maximum Antenna Gain

Frequency Band	Maximum Gain (dBi)
LTE eFDD 1	11.84
LTE eFDD 3	11.33
LTE eFDD 8	8.45
LTE eFDD 20	8.20
LTE eFDD 28	7.47
GMSK GSM 900	7.45
GMSK GSM 1800	13.34
8-PSK GSM 900	8.46
8-PSK GSM 1800	12.34