

EU Declaration of Conformity

Manufacturer name: u-blox AG
Address: Zuercherstrasse 68, CH-8800 Thalwil, Switzerland
Info : www.u-blox.com
Product : SARA-R410M-83B

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. (Notified Body Number 1588), 6731 Whittier Avenue, Suite C110, McLean, VA 22101, USA.

Technology	Product
LTE CAT-M1 and NB-IoT	SARA-R410M-83B

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 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 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
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	19 October 2021
Signature	 u-blox AG

Maximum Antenna Gain

Frequency Band	Maximum Gain (dBi)
M1/NB1 LTE eFDD 1	11.90
M1/NB1 LTE eFDD 3	11.43
M1/NB1 LTE eFDD 8	8.53
M1/NB1 LTE eFDD 20	8.28
M1/NB1 LTE eFDD 28	7.61