

## EU declaration of conformity

**Supplier** u-blox AG, www.u-blox.com  
**Product** **NORA-B12 Bluetooth low energy modules with FEM and passive NFC tag functionality**  
**Doc. ID** UBX-23007500 C1-Public  
**Date** 2 June 2023

To whom it may concern,

Hereby, u-blox AG declares under its sole responsibility that the following product – NORA-B12 Bluetooth low energy modules with FEM and passive NFC tag functionality – complies with the essential requirements and other relevant provisions of Radio Equipment Directive (RED) 2014/53/EU and with the Directive 2011/65/EU (EU RoHS 2) and its amendment Directive (EU) 2015/863 (EU RoHS 3).


Technology	Product name	Hardware release	Software release
Bluetooth Low Energy	NORA-B120	02 or later	
IEEE 802.15.4	NORA-B121	02 or later	N/A
NFC	NORA-B126	03 or later	

Essential requirements Radio Equipment Directive 2014/53/EU	Standards
<b>Safety &amp; Health</b> (Article 3.1a)	EN 62368-1:2020+A11:2020 EN 62479:2010
<b>EMC</b> (Article 3.1b)	EN 301 489-1 V2.2.3 EN 301 489-3 V2.1.1 EN 301 489-17 V3.2.4 EN 60601-1-2:2015+A1:2021 (Medical Electrical Equipment)
<b>Radio Spectrum Efficiency</b> (Article 3.2)	EN 300 328 V2.2.2 EN 300 330 V2.1.1

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

Authorized representative within the European Union:

u-blox AG, Zürcherstrasse 68, 8800 Thalwil, Switzerland

Name	Herbert Blaser
Position	Senior Director/Product Center Short Range Radio
Date of issue	2 June 2023
Signature	

## 1 List of antennas

### 1.1 Product

Antenna name	Manufacturer	Comment	Gain (dBi)
u-blox PCB Trace Antenna	u-blox (Abracon license)	PCB Trace antenna	+2
W1030	Pulse Electronics	Whip	2.33
FXP72.07.0053A	Taoglas	Patch	-0.1
GW.26.0152	Taoglas	Whip	0.89
WCM.01.0111	Taoglas	PIFA button	0.89
PC17.07.0070A	Taoglas	PCB trace	0.9