

EU declaration of conformity

Supplier u-blox AG, www.u-blox.com
Product **NINA-B5 Stand-alone Bluetooth low energy modules**
Doc. ID UBXDOC-465451970-3248 C1-Public
Date 12 March 2024

To whom it may concern,

Hereby, u-blox AG declares under its sole responsibility that the following product – NINA-B5 Stand-alone Bluetooth low energy modules – 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 IEEE 802.15.4	NINA-B501	04 or later	MCUXpresso SDK v2.12.5 or later
	NINA-B506	06 or later	


Essential requirements Radio Equipment Directive 2014/53/EU	Standards
Safety & Health (Article 3.1a)	EN 62368-1:2014+A11:2017 EN 62479:2010
EMC (Article 3.1b)	EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN 60601-1-2:2015 (Medical Electrical Equipment)
Radio Spectrum Efficiency (Article 3.2)	EN 300 328 V2.2.2

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

Authorized representative within the European Union:

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

Signed for and on behalf of u-blox AG:

Name	Herbert Blaser
Position	Senior Director/Product Center Short Range Radio
Date of issue	12 March 2024
Signature	

1 List of antennas

1.1 Product

Antenna name	Manufacturer	Comment	Gain (dBi)
u-blox PCB Trace Antenna	Abracon	PCB Trace antenna	+3
PN PRO-EX-296	Abracon	Monopole, 10 cm cable/U.FL	+3
PN PRO-EX-333	Abracon	Monopole, RSMA	+3
PRO-EX-348	Abracon	Monopole	+3
GW26.0111	Taoglas	Single-band monopole antenna	+2.24