

## UKCA declaration of conformity

**Supplier** u-blox AG, www.u-blox.com  
**Address** Zürcherstrasse 68, 8800 Thalwil, Switzerland  
**Product** **NINA-B5 Stand-alone Bluetooth low energy modules**  
**Doc. ID** UBXDOC-465451970-3251 C1-Public  
12 March 2024

**Date** To whom it may concern,

Hereby, u-blox AG declares under its sole responsibility that this module is in compliance with the Essential requirements and other relevant provisions of the Radio Equipment Regulations 2017 and the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

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	

Radio Equipment Regulations 2017. (SI 2017 No. 1206, as amended by SI 2019 No. 696). UK Legislation: Essential requirements	Designated standards
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<b>Protection of health and safety</b> (Regulation 6.1a)	EN 62368-1:2014+A11:2017 EN 62479:2010
<b>Electromagnetic compatibility</b> (Regulation 6.1b)	EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN 60601-1-2:2015 (Medical Electrical Equipment)
<b>Radio Spectrum Effectively and Efficiency</b> (Regulation 6.2)	EN 300 328 V2.2.2

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012. (SI 2012 No. 3032, as amended by SI 2019 No. 696).	Designated standards
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<b>Restriction</b> (Regulation 3.1, Regulation 3.2)	EN IEC 63000 : 2018
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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