

EU Declaration of Conformity

Product **NINA-B2 stand-alone dual-mode Bluetooth modules**
 UBX-18007187
Date 18 January 2019

To whom it may concern,

Hereby, u-blox AG declares under its sole responsibility that the following product – NINA-B2 stand-alone dual-mode Bluetooth module – complies with the essential requirements and other relevant provisions of Radio Equipment Directive (RED) 2014/53/EU and Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU.

Technology	Product name	Hardware release	Software release
Dual-mode Bluetooth	NINA-B221	02 or later	1.0.0 or later
	NINA-B222		

Essential Requirements Radio Equipment Directive 2014/53/EU	Standards
Safety & Health (Article 3.1a)	IEC 60950-1:2005 (2 nd Edition) + A1:2009 + A2:2013 EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN 62479:2010
EMC (Article 3.1b)	EN 301 489-1 V2.1.1 EN 301 489-17 V3.1.1 IEC 60601-1-2:2014 (Medical Electrical Equipment)
Radio Spectrum Efficiency (Article 3.2)	EN 300 328 V2.1.1 EN 300 330 V2.1.1

Essential Requirements RoHS Directive 2011/65/EU	Standards
Prevention (Article 4.1)	EN 50581:2012

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Date of issue	18 January 2019
Signature	

List of antennas

Antenna name	Manufacturer	Comment	Gain
OnBoard SMD 2400	ProAnt	SMD PIFA antenna on NINA-W10	+3
FlatWhip-2400	ProAnt	Monopole, RSMA	+3
InSide-2400	ProAnt	Patch, 10 cm cable/U.FL	+3
InSide-WLAN	ProAnt	Patch, dual band 10 cm cable/U.FL	+3
Outside-2400	ProAnt	Patch, 7 cm cable/U.FL 10 cm cable/U.FL 25 cm cable/U.FL	+3
Ex-IT 2400 - SMA 28-001 - RP-SMA 28-001 - MHF 28-001	ProAnt	Monopole, SMA RSMA 10 cm cable/U.FL	+3
Ex-IT WLAN - SMA - RP-SMA - MHF	ProAnt	Monopole, dual band SMA RSMA 10 cm cable/U.FL	+3
Ex-IT 2400 - MHF 70-001	ProAnt	Monopole, 10 cm cable/U.FL	+3
Ex-IT 2400 - SMA 70-002 - RP-SMA 70-002	ProAnt	Monopole, SMA RSMA	+3
InSide-WLAN Square	ProAnt	Patch, dual band 10 cm cable/U.FL	+3