

EU declaration of conformity

Product **ANNA-B4 Bluetooth low energy modules with passive NFC tag functionality**
 UBX-21051032 C1-Public
 Date 12 May 2022

To whom it may concern,


Hereby, u-blox AG declares under its sole responsibility that the following product – ANNA-B4 Bluetooth low energy modules with 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 IEEE 802.15.4	ANNA-B402	02 or later	nRF5_SDK_16.0.0 or later
2.4 GHz proprietary modes NFC	ANNA-B412	02 or later	1.0.0 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 301 489-3 V2.1.1 EN 301 489-17 V3.2.4 EN 60601-1-2:2015+A:12021 (Medical Electrical Equipment)
Radio Spectrum Efficiency (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
Prevention (Article 4.1)	EN IEC 63000:2018

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Name	Herbert Blaser
Position	Senior Director/Product Center Short Range Radio
Date of issue	12 May 2022
Signature	

1 List of antennas

1.1 Product

Antenna name	Manufacturer	Comment	Gain
AT1608-A2R4NAA	ACX	Internal ANNA-B4 antenna	0.5
FXP75.07.0045B	Taoglas	Patch, Flexfilm, 5.9 x 4.1 x 0.24 mm, 45 mm cable/U.FL	2.5
FXP74.07.0100A	Taoglas	Patch, Flexfilm, 47 x 7 x 0.1 mm, 100 mm cable/U.FL	4
PC17.07.0070A	Taoglas	Patch, PCB, 24 x 11 x 0.8 mm, 70 mm cable/U.FL	1
FXP72.07.0053A	Taoglas	Patch, Flexfilm, 31 x 31 x 0.1 mm, 53 mm cable/U.FL	5