

EU declaration of conformity

Supplier u-blox AG, www.u-blox.com
Product IRIS-W1 Stand-alone multiradio module with dual band Wi-Fi 6, Bluetooth LE and IEEE 802.15.4
Supplier 802.15.4
Doc. ID UBXDOC-465451970-3451 C1-Public
Date 5 July 2024

To whom it may concern,

Hereby, u-blox AG declares under its sole responsibility that the following product – IRIS-W1 Stand-alone multiradio module with dual band Wi-Fi 6, Bluetooth LE and IEEE 802.15.4 – 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
Dual band Wi-Fi 6 Bluetooth Low Energy IEEE 802.15.4	IRIS-W101-00B	02 or later	
	IRIS-W101-10B	02 or later	
	IRIS-W101-30B	02 or later	MFG-RW61X-1.0.0.12.0-
	IRIS-W106-00B	02 or later	18.80.2.p55.1 or later
	IRIS-W106-10B	02 or later	
	IRIS-W106-30B	02 or later	

Essential requirements Radio Equipment Directive 2014/53/EU	Standards
Safety & Health (Article 3.1a)	EN 62368-1:2014+A11:2020 EN 62311:2008 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 EN 301 893 V2.1.1 EN 300 440 V2.2.1

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:

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Signed for and on behalf of u-blox AG:

Name	Herbert Blaser
Position	Senior Director/Product Center Short Range Radio

Date of issue

5 July 2024

Signature



1 List of antennas

1.1 Product

Antenna name	Manufacturer	Comment	Gain (dBi)
u-blox PCB Trace Antenna	Abracon	PCB Trace antenna	1.74 (2.4 GHz), 1.63 (5 GHz)
PRO-IS-432	Abracon	PCB Patch	0.8 (2.4 GHz), 3.4 (5 GHz)
ANTX100P002B24553	Pulse Electronics / Yageo	PCB Patch	0.7 (2.4 GHz), 1.9 (5 GHz)
W1039B030	Pulse Electronics / Yageo	Monopole	1.5 (2.4 GHz), 3.2 (5 GHz)
GW.59.3153	Taoglas	Monopole	2.37 (2.4 GHz), 2.93 (5 GHz)