

## UKCA declaration of conformity

**Supplier** u-blox AG, www.u-blox.com  
**Address** Zürcherstrasse 68, 8800 Thalwil, Switzerland  
**Product** **IRIS-W1 Stand-alone multiradio module with dual band Wi-Fi 6, Bluetooth LE and IEEE 802.15.4**  
**Doc. ID** UBXDOC-465451970-3452 C1-Public  
**Date** 5 July 2024

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
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	

**Radio Equipment Regulations 2017.**  
**(SI 2017 No. 1206, as amended by SI 2019 No. 696).**  
**UK Legislation: Essential requirements**

**Designated standards**

**Protection of health and safety**  
 (Regulation 6.1a)

EN 62368-1:2014+A11:2020  
 EN 62311:2008  
 EN 62479:2010

**Electromagnetic compatibility**  
 (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)

**Radio Spectrum Effectively and Efficiency**  
 (Regulation 6.2)

EN 300 328 V2.2.2  
 EN 301 893 V2.1.1  
 EN 300 440 V2.2.1

**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**


**Restriction**  
 (Regulation 3.1, Regulation 3.2)

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	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)