

UKCA declaration of conformity

Supplier u-blox AG, www.u-blox.com
Address Zürcherstrasse 68, 8800 Thalwil, Switzerland
Product **MAYA-W4 Host-based multiradio modules with Wi-Fi 6, Bluetooth Low Energy 5.4, and IEEE 802.15.4**
Doc. ID UBXDOC-465451970-3843 **C1-Public**
Date 10 March 2025

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 2.4/5 GHz Wi-Fi 6 Bluetooth Low Energy IEEE 802.15.4	MAYA-W476-00B	02 or later	2.0.0.21.0-18.80.5.p36 or later
	MAYA-W473-00B	02 or later	
Dual-band 2.4/5 GHz Wi-Fi 6 Bluetooth Low Energy	MAYA-W466-00B	02 or later	
	MAYA-W463-00B	02 or later	
Single band 2.4 Wi-Fi 6 Bluetooth Low Energy IEEE 802.15.4	MAYA-W446-00B	02 or later	
	MAYA-W443-00B	02 or later	
Single band 2.4 Wi-Fi 6 Bluetooth Low Energy	MAYA-W436-00B	02 or later	
	MAYA-W433-00B	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
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	10 March 2025
Signature	

1 List of antennas

1.1 Product

Antenna name	Manufacturer	Comment	Gain (dBi)
u-blox PCB Trace Antenna	Abracon	PCB Trace antenna	1.56 (2.4 GHz), 1.56 (5 GHz)
Linx	ANT-DB1-RAF-RPS	Dipole antenna	4.1 (2.4 GHz), 5.1 (5 GHz)
Chang Hong	DA-2458-02-SMR	Dipole antenna	2.85 (2.4 GHz), 2.17 (5 GHz)
TE Connectivity	001-0012	Dipole antenna	2 (2.4 GHz), 2 (5 GHz)
Taoglas	GW.59.3153	Dipole antenna	3.8 (2.4 GHz), 5.3 (5 GHz)
Laird	MAF94051	Dipole antenna	2.1 (2.4 GHz), 3.4 (5 GHz)
Molex	1461530050	PCB Patch	3.2 (2.4 GHz), 4.25 (5 GHz)
Molex	2042810100	PCB Patch	2 (2.4 GHz), 3.3 (5 GHz)
Unictron	H2B1PD1A1C385L	PCB Patch	2.7 (2.4 GHz), 3.5 (5 GHz)