

EU declaration of conformity

Supplier	u-blox AG, www.u-blox.com		
Product	MAYA-W4 Host-based multiradio modules with Wi-Fi 6, Bluetooth Low Energy 5.4, and IEEE 802.15.4		
Doc. ID	UBXDOC-465451970-3842	C1-Public	
Date	10 March 2025		

To whom it may concern,

Hereby, u-blox AG declares under its sole responsibility that the following product – MAYA-W4 host based 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 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	

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
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	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)