UKCA Declaration of Conformity

Manufacturer name: u-blox AG
Address: Zuercherstrasse 68, CH-8800 Thalwil, Switzerland

Info : www.u-blox.com

Product : **MAYA-W2 Host-based multiradio modules**

To whom it may concern,

Hereby, u-blox AG declares under its sole responsibility that the 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
Wi-Fi 6 (802.11ax) 2.4Ghz & 5GHz BT & BLE 5.3 functionality	MAYA-W260-00B	03 or later	1.0.0.39.1-18.80.1.p154.38
	MAYA-W261-00B	03 or later	
	MAYA-W266-00B	03 or later	
Wi-Fi 6 (802.11ax) 2.4Ghz & 5GHz BT & BLE 5.3 functionality IEEE 802.15.4	MAYA-W271-00B	03 or later	
	MAYA-W276-00B	03 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 +AC :2015 EN 62311 : 2008 (Wi-Fi)
Electromagnetic compatibility (Regulation 6.1b)	EN 301 489-1 V2.2.3 EN 301 489-3 V.2.3.2 Draft EN 301 489-17 V3.2.5
Radio Spectrum Effectively and Efficiency (Regulation 6.2)	EN 300 328 V2.2.2 EN 301 893 V2.1.1 EN 300 440 V2.1.1

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	29 March 2024
Signature	

List of antennas

Antenna name	Manufacturer	Comment	Gain (dBi)	
			2.4 GHz	5 GHz
ANT-DB1-RAF-SMA	Linx	Dipole antenna	+4.1	+5.1 dBi
u-blox PCB trace antenna	Abracon	PCB Trace antenna	Detailed in table below.	

Transmission	Measured TRP	Measured peak gain
Channel 1, 2.412 GHz	-7.99 dBm	-5.85 dBi
Channel 6, 2.437 GHz	-6.75 dBm	-4.62 dBi
Channel 13, 2.472 GHz	-6.64 dBm	-4.13 dBi
Channel 36, 5.180 GHz	-4.48 dBm	-2.77 dBi
Channel 100, 5.500 GHz	-2.53 dBm	-1.20 dBi
Channel 159, 5.795 GHz	-5.96 dBm	-3.83 dBi
Channel 177, 5.885 GHz	-8.76 dBm	-7.04 dBi

Table with antenna gain for u-blox PCB trace antenna.