



# CERTIFICATE *of* COMPLIANCE

## CERTIFICATE OF COMPLIANCE *R210-156536 / 26 Apr 2021 / Rev A* for Radio Equipment in JAPAN

MiCOM Labs Inc. declares, on the basis of the assessment of the tests and the technical documentation provided by the applicant that the following product complies with the requirements of the above noted regulator.

Product Name:  
**MKR WiFi 1010**

Approval Holder Name:  
**Arduino S.r.l.**



**Gordon Hurst, Product Certifier**

This Certificate is Issued under the Authority of:  
**MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA**  
Registered Certification Body ID Number: 210

Product Name:

**MKR WiFi 1010**

 Product Model Numbers: **ABX00023**

 Brand Name: **Arduino**
**Approval Holder:** **Arduino S.r.l., Via Andrea Appiani,25 20900 MONZA (Italy)**
**Test Lab:** **Shenzhen Huatongwei International Inspection Co., Ltd., 1/F, Bldg3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China**
**Standards**
**Group**

Article 2 paragraph 1 item (19)

**Description of Apparatus**

Company Name

**Arduino S.r.l.**

Certification No.

**R210-156536**

Issue Date / Rev

**26 Apr 2021 / Rev A**

Equipment Description

**MKR WiFi 1010**

Brand Name

**Arduino**

Hardware Version

**2.0**

Firmware Version

**1.4.0**
**Emission Information**

Technology	Frequency Range		Emission Designator	RF Power		Field Strength		Antenna Power
	From	To		Max.	Type	dBuV/m	@Dist.	
Bluetooth LE	2402MHz	2480MHz	1M20F1D	3.00mW	Conducted	--	--	--
Bluetooth BDR	2402MHz	2480MHz	78M6F1D	--	--	--	--	0.10mW/MHz
Bluetooth EDR	2402MHz	2480MHz	78M7G1D	--	--	--	--	0.05mW/MHz
802.11b	2412MHz	2472MHz	13M9G1D	--	--	--	--	4.50mW/MHz
802.11g	2412MHz	2472MHz	17M5D1D	--	--	--	--	0.50mW/MHz
802.11n(HT20)	2412MHz	2472MHz	18M4D1D	--	--	--	--	0.60mW/MHz

**Antennas**

Antenna Type	Manufacturer	Model/Part No.	Gain (dBi)	Frequency Range (MHz)
PIFA Antenna	Arduino S.r.l.	ABX00023	-3.20dBi	2400-2500MHz

**Technical Construction File Details: (Documents Reviewed)**

**Technical Report(s):**

Article 2 paragraph 1 item (19):  
 CHTEW21030023  
 CHTEW21030024  
 CHTEW21030025

**Supporting Documentation:**

Service Agreement  
 Agent Authorization  
 ISO 9001 Cert and/or Japan Product Quality  
 Japan Application  
 Japan Radio Protection Declaration  
 Antenna Specifications  
 Block Diagram  
 BOM or Parts List  
 External Photographs (MIC Reported)  
 Internal Photographs (MIC Reported)  
 Label and its Location  
 Operational Description  
 PCB Layout  
 Schematics  
 Test Setup - Japan  
 User Manual

**Type Marking**

The validity of this Certificate is limited to products, which are equal to the one examined in the type - examination.  
 • When the manufacturer(or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:

