



# CERTIFICATE *of* COMPLIANCE



Certificate Validation

## CERTIFICATE OF COMPLIANCE

*R210-221723 / 13 Dec 2023 / 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:

**Portenta C33**

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



# CERTIFICATE OF

**R210-221723 / 13 Dec 2023 / Rev A**

**for Radio Equipment in JAPAN**

Product Name:

**Portenta C33**

Product Model Numbers: **ABX00074**

Brand Name: **Arduino**

**Approval Holder:** **Arduino S.r.l.**, Via Andrea Appiani, 25, 20900 MONZA, Italy

**Test Lab:** **Shenzhen Huatongwei International Inspection Co., Ltd.**, Building 7, Baiwang Idea Factory, No.1051, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, China

## Standards

### Group

Article 2 paragraph 1 item (19)

Article 2 paragraph 1 item (19)-2

## Description of Apparatus

Company Name

**Arduino S.r.l.**

Certification No.

**R210-221723**

Issue Date / Rev

**13 Dec 2023 / Rev A**

Equipment Description

**Portenta C33**

Brand Name

**Arduino**

Hardware Version

**1.2**

Firmware Version

**1.0.2**

## Emission Information

Technology	Frequency Range		Emission Designator	RF Power		Field Strength		Antenna Power
	From	To		Max.	Type	dBuV/m	@Dist.	
Bluetooth LE	2402MHz	2480MHz	2M13F1D	1.00mW	Conducted	--	--	--
802.11b	2412MHz	2472MHz	13M1G1D	--	--	--	--	2.00mW/MHz
802.11g	2412MHz	2472MHz	16M8D1D	--	--	--	--	0.50mW/MHz
802.11n(HT20)	2412MHz	2472MHz	18M1D1D	--	--	--	--	0.50mW/MHz
802.11n(HT40)	2422MHz	2462MHz	36M2D1D	--	--	--	--	0.30mW/MHz
802.11b	2484MHz	2484MHz	18M9G1D	--	--	--	--	2.50mW/MHz

**Antennas**

Antenna Type	Manufacturer	Model/Part No.	Gain (dBi)	Frequency Range (MHz)
FPC Antenna	Arduino S.r.l.	2344657-1	1.10	2400-2500MHz

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

Article 2 paragraph 1 item (19):  
 CHTEW23100029  
 CHTEW23100030  
 Article 2 paragraph 1 item (19)-2:  
 CHTEW23100031

**Supporting Documentation:**

Service Agreement  
 Letter of 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:

