



# CERTIFICATE *of* COMPLIANCE

## CERTIFICATE OF COMPLIANCE *R210-151676 / 21 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:  
**Prism WiFi Radio Transceiver**

Approval Holder Name:  
**Doodle Labs (SG) Pte. Ltd.**



**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:

**Prism WiFi Radio Transceiver**

 Product Model Numbers: **RM-2450**

 Brand Name: **N/A**
**Approval Holder:** **Doodle Labs (SG) Pte. Ltd.**, 150 Kampong Ampat, KA Centre, Suite #05-03, Singapore 368324

**Test Lab:** **Shenzhen TCT Testing Technology Co., Ltd.**, 1B/F., Building 1, Yibaolai Industrial Park, Qiaotou, Fuyong, Baoan District, Shenzhen, Guangdong, China

**Standards**
**Group**

 Article 2 paragraph 1 item (19)  
 Article 2 paragraph 1 item (19)-2

**Description of Apparatus**

Company Name

**Doodle Labs (SG) Pte. Ltd.**

Certification No.

**R210-151676**

Issue Date / Rev

**21 Apr 2021 / Rev A**

Equipment Description

**Prism WiFi Radio Transceiver**

Brand Name

**N/A**

Hardware Version

**3**

Firmware Version

**V1.0**
**Emission Information**

Technology	Frequency Range		Emission Designator	RF Power		Field Strength		Antenna Power
	From	To		Max.	Type	dBuV/m	@Dist.	
802.11b	2412MHz	2472MHz	11M9G1D	--	--	--	--	5mW/MHz
802.11b	2484MHz	2484MHz	20M6G1D	--	--	--	--	4mW/MHz
802.11g	2412MHz	2472MHz	16M7D1D	--	--	--	--	5mW/MHz
802.11n (HT-20)	2412MHz	2472MHz	17M8D1D	--	--	--	--	9.5mW/MHz
802.11n (HT-40)	2422MHz	2462MHz	36M2D1D	--	--	--	--	5mW/MHz

**Antennas**

Antenna Type	Manufacturer	Model/Part No.	Gain (dBi)	Frequency Range (MHz)
External Antenna	Laird Connectivity, Inc.	WTS 2450	2.1dBi	2400-2500MHz

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

**Technical Report(s):**

Article 2 paragraph 1 item (19):  
 TCT201214E022  
 TCT201214E025

**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:

