



# CERTIFICATE *of* COMPLIANCE



Certificate Validation

## CERTIFICATE OF COMPLIANCE

*R210-209225 / 3 Apr 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:

**Wireless Communication Module**

Approval Holder Name:

**CHIPSEN. Co., 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



# CERTIFICATE OF

R210-209225 / 3 Apr 2023 / Rev A

for Radio Equipment in JAPAN

Product Name:

## Wireless Communication Module

Product Model Numbers: BoT-TMA50, BoT-TMA50D, BoT-TMA50DU, BoT-TMA50DS

**Approval Holder:** CHIPSEN. Co., Ltd., #C-17, B1F, Gyeongin-ro 53-gil, Guro-gu, Seoul, 08217, South Korea

**Test Lab:** ONETECH Corp., 43-14, Jinsaegol-gil, Chowol-eup, Gwangju-si, Gyeonggi-do, 12735, South Korea

### Standards

#### Group

Article 2 paragraph 1 item (19)

### Description of Apparatus

Company Name  
CHIPSEN. Co., Ltd.

Certification No.  
R210-209225

Issue Date / Rev  
3 Apr 2023 / Rev A

Equipment Description  
Wireless Communication Module

Hardware Version  
v1.0

Firmware Version  
v1.5.0

### Emission Information

Technology	Frequency Range		Emission Designator	RF Power		Field Strength		Antenna Power
	From	To		Max.	Type	dBuV/m	@Dist.	
SRD	2402MHz	2480MHz	83M5F1D	--	--	--	--	0.80mW/MHz

### Antennas

Antenna Type	Manufacturer	Model/Part No.	Gain (dBi)	Frequency Range (MHz)
Chip Antenna	AMOTECH Co., Ltd.	SHLA6212442A	3.5	2400 ~ 2485
Dipole Antenna	CHIPSEN.CO.LTD	DANT-02RPR-BX	3.5	2400-2500
Dipole Antenna	CHIPSEN.CO.LTD	DANT-02SPR-BX	3.5	2400-2500
Dipole Antenna	CHIPSEN.CO.LTD	STB-01SPR-BX	1.5	2400-2500
Dipole Antenna	CHIPSEN.CO.LTD	STB-01RPR-BX	1.5	2400-2500
PCB Antenna	CHIPSEN.CO.LTD	PCNT-03UF140	3	2400-2500

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

Article 2 paragraph 1 item (19):  
OT-233-RWD-002

**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  
Similarity letter  
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:

