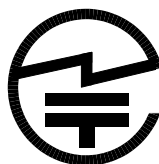


Designated by the German Regulator Bundesnetzagentur to act as a  
Recognised Foreign Conformity Assessment Body in accordance with the Japan-EC MRA

## CONSTRUCTION TYPE CONFORMITY CERTIFICATE for Specified Radio Equipment

Registration No.	JU000519F
Certificate Holder	ESPRESSIF SYSTEMS (SHANGHAI) PTE LTD Room 204, Building 2, 690 Bibo Road, Zhangjiang Hi-tech Park 201203 / Shanghai P.R. China
Product Category	Article 2, Paragraph 1, Item 19 (WW) Article 2, Paragraph 1, Item 19-2 (GZ)
Product Designation	ESP-WROOM-02
Product Description	WiFi Module
Software Release No.	SW V1.0
Manufacturer	CHINA DRAGON TECHNOLOGY LIMITED Building B4, Haosan Linpoken No. 1 Industrial Park Shajing Town, Bao'an District, 518104 / Shenzhen P. R. China

When the product is placed on the  
Japanese market, it must carry the  
Specified Radio Equipment marking  
as shown on the right

**R 206-000519**

The scope of evaluation relates to the submitted documents only.

This Certificate confirms that the listed product has demonstrated conformity with the relevant technical regulations defined in the attached Annex. It is only valid in conjunction with the Annex.

Unterleinleiter,  
2015-06-08



Kai Heinrichs  
Recognised Foreign Conformity Assessment Body

## Technical Construction File (TCF) Details

**Product Category:** Article 2, Paragraph 1, Item 19 (WW)

### Technical Standards and Specifications

*The product complies with:*

Ordinance Regulating Radio Equipment No. 18, 2006

Chapter I	General Provisions
Chapter II	Transmitting Equipment
Chapter III	Receiving Equipment
Chapter IV	Article 49.20

### Documentation submitted for the Construction Type Certification

Test Report No.	Issue Date	Issued by
RXA1503-0042RF03R4	2015-06-05	TA Technology (Shanghai) Co., Ltd.

Product documentation  
Antenna specifications  
Label and Label location  
PCB layout  
Operational description  
Schematic diagram  
User Manual

Quality System documentation  
ISO 9001 Certificate for manufacturer

### Technical characteristics

Type of modulation:	DSSS, OFDM
Emission designator:	G1D, F1D
Operating frequency range:	2412 – 2472 MHz
Maximum measured output power density:	8.09 mW/MHz
Maximum antenna gain:	2 dBi

### Other information

The device is certified for operation with the following antenna(s):  
AN043 (Small Size 2.4 GHz PCB Antenna)

## Technical Construction File (TCF) Details

**Product Category:** Article 2, Paragraph 1, Item 19-2 (GZ)

### Technical Standards and Specifications

*The product complies with:*

Ordinance Regulating Radio Equipment No. 18, 2006

Chapter I	General Provisions
Chapter II	Transmitting Equipment
Chapter III	Receiving Equipment
Chapter IV	Article 49.20

### Documentation submitted for the Construction Type Certification

Test Report No.	Issue Date	Issued by
RXA1503-0042RF04R4	2015-06-05	TA Technology (Shanghai) Co., Ltd.

Product documentation  
Antenna specifications  
Label and Label location  
PCB layout  
Operational description  
Schematic diagram  
User Manual

Quality System documentation  
ISO 9001 Certificate for manufacturer

### Technical characteristics

Type of modulation:	DSSS
Emission designator:	G1D
Operating frequency range:	2484 MHz
Maximum measured output power density:	8.09 mW/MHz
Maximum antenna gain:	2 dBi

### Other information

The device is certified for operation with the following antenna(s):  
AN043 (Small Size 2.4 GHz PCB Antenna)