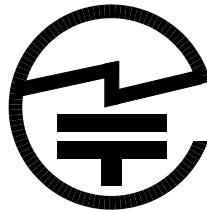


## Construction Type Certification

Registration No.	CSRT180084		
Certificate Holder	GuangZhou Ostec Electronic Technology Co., Limited 2 of No.8, West Lane, Jiangcheng Road, Bangjiang East Village, Dalong Street, Panyu District, Guangzhou City, Guangdong, P.R. China		
Product Category	Article 2, Paragraph 1, Item 19-3		
Model Type or Name	WF01A		
Type of Emission, Frequency and Antenna Power	D1D, G1D	5180MHz-5240MHz (20MHz separation, 4 channels)	3.0 mW/MHz
	D1D, G1D	5190MHz-5230MHz (40MHz separation, 2 channels)	2.0 mW/MHz
	D1D, G1D	5210MHz ( 1 channel )	1.0 mW/MHz
Manufacturer	GuangZhou Ostec Electronic Technology Co., Limited 2 of No.8, West Lane, Jiangcheng Road, Bangjiang East Village, Dalong Street, Panyu District, Guangzhou City, Guangdong, P.R. China		
Remarks	The scope of evaluation relates to the submitted documents and product only. It is only valid in conjunction with the Annex.		

When the product is placed on the Japanese market, the Specified Radio Equipment marking as shown on the right must be attached on visible part of the product.




**R** 018-180084

Witnesses that the certification is on Construction Type Certification under Article 38-24 of the Radio Law.

Date of Certificate  
2018-03-22



Certification Examiner : Takuji Nakano  
 Certificate Technical Support Center Co., Ltd.



**Technical Construction Form (XW) W52**

1. Product Description	WiFi Module	
2. Model Number	WF01A	
3. IEEE Standard No.	802.11a, 802.11n-HT20, 802.11n-HT40, 802.11ac-VHT20, 802.11ac-VHT40, 802.11ac-VHT80	
4. Transmitter		
(1) Rated Output	W52: 3.0 mW/MHz 2.0 mW/MHz 1.0 mW/MHz	(802.11a, 802.11n-HT20, 802.11ac-VHT20) (802.11n-HT40, 802.11ac-VHT40) (802.11ac-VHT80)
(2) Type of Emission and Frequency	D1D, G1D 5180MHz-5240MHz (20MHz separation, 4 channels) D1D, G1D 5190MHz-5230MHz (40MHz separation, 2 channels) D1D, G1D 5210MHz ( 1 channel )	
(3) Oscillation	Synthesizer method using Crystal Oscillator with 40MHz	
(4) Type of Modulation	BPSK, QPSK, 16QAM, 64QAM, 256QAM	
(5) Spectrum Spread Method etc.	OFDM	
(6) RF Module/Chip	MT7628	
5. Antenna		
(1) Type or Structure	External Antenna (IPEX connector)	
(2) Antenna Gain	2.5dBi, 2.7dBi, 5.0dBi or 2.0dBi	
6. Power Source	DC 3.14V~3.46V	
7. Auxiliary Equipment	- Interference prevention function equipment (The function specified in Article 9-4 of the Ordinance Regulating Radio Equipment) - Carrier Sense Function (The function specified in MIC Public Notice No.48 of 2007)	
8. Test Report	SZEM180100024601 (Date of Issue: 2018.03.13)	
9. Test Laboratory	SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	
10. Review Documents	Block Diagram Circuit Diagram BOM List Antenna Specification	External Photographs (in the Test Report) Internal Photographs (in the Test Report) User Manual Certificate Label Design and Location PCB Layout
11. Confirmation Method of Certification by Type	ISO 9001 Certificate - GuangZhou Ostec Electronic Technology Co., Limited	
12. Reference Information	- Connection to Telecommunication Circuit Equipment - Indoor use only. - Module shaped radio equipment Peripheral equipment: Host board (Optical Devices, e.g.Camera, Eyepiece and Microscope) Interface: WAN, LAN, USB, I2C, I2S, SDIO, UART	