



FCC RF EXPOSURE REPORT

For

WIFI+BLE Module

MODEL NUMBER: GRJW05-J8

FCC ID: 2ADAP-GRJW05J8

REPORT NUMBER: 4790401446.3

ISSUE DATE: 16 June 2022

Prepared for

**GREE Electric Appliances, Inc. of Zhuhai
West Jinji Rd, Qianshan, Zhuhai, Guangdong, China 519070**

Prepared by

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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
--	16/06/2022	Initial Issue	



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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: GREE Electric Appliances, Inc. of Zhuhai
Address: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China 519070

Manufacturer Information

Company Name: Same As the Applicant
Address: Same As the Applicant

EUT Information

EUT Name: WIFI+BLE Module
Brand Name: N/A
Model: GRJW05-J8
Sample Status: Normal
Model: 22060602003-4
Sample Received Date: 07 June 2022
Date of Tested: 07 June 2022 ~ 16 June 2022

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47CFR§2.1091	PASS

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	<p>A2LA (Certificate No.: 4338.01) Shenzhen STS Test Services Co., Ltd. has been assessed and proved to be in compliance with A2LA.</p> <p>CNAS (Registration No.: L7649) Shenzhen STS Test Services Co., Ltd. has been assessed and proved to be in compliance with CNAS.</p> <p>IC(Company No.: 12108A) Shenzhen STS Test Services Co., Ltd. has been registered and fully described in a report filed with Industry Canada. The Company Number is 12108A.</p>
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Note: All tests measurement facilities use to collect the measurement data are located at A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China



4. REQUIREMENT

LIMIT AND CALCULATION METHOD

Systems operating under the provisions of FCC 47 CFR section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as mobile device whereby a distance of 0.2m normally can be maintained between the user and the device, and below RF Permissible Exposure limit shall comply with.

Limits for General Population/Uncontrolled Exposure

RF EXPOSURE LIMIT

Frequency Range (MHz)	E-field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (Minutes)
0.3 -- 1.34	614	1.63	(100)*	30
1.34 -- 30	824/f	2.19/f	(180/f ²)*	30
30 -- 300	27.5	0.073	0.2	30
300 -- 1500	--	--	f/1500	30
1500 -- 100,000	--	--	1.0	30

CALCULATION METHOD

$$S = PG / 4\pi R^2$$

Where:

S=power density

P=power input to antenna

G=power gain of the antenna in the direction of interest relative to an isotropic radiator

R=distance to the center of radiation of the antenna

**CALCULATED RESULTS**

RF Function	Frequency	Output Power	Output Power	Power Density	Power Density Limit	Test Result
	MHz	dBm	mW	mW/cm ²	mW/cm ²	--
BLE	2402	-5.19	0.30	0.00006	1.0	Complies
2.4G Wi-Fi	2412	8.51	7.10	0.00141	1.0	Complies

- Note: 1. Antenna Gain=0dBi (Numeric 1), $\pi=3.141$.
2. The Power comes from report 4790401446.1, 4790401446.2.
3. The minimum separation distance of the device is greater than 20 cm.
4. Calculate by WORST-CASE mode.
5. The Bluetooth and WLAN can't simultaneous transmission at the same time.

END OF REPORT