



# FCC RF EXPOSURE REPORT CERTIFICATION TEST REPORT

For

Street Fighter II Big Blue

**MODEL NUMBER: STF-A-01077, STF-A-01246** 

**FCC ID: 2APXHSFBB** 

REPORT NUMBER: 4789938004.2-3

**ISSUE DATE: May 28, 2021** 

Prepared for

WF Tastemakers Trading Limited (FCC)
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Prepared by

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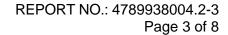
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## **Revision History**

Rev.	Issue Date	Revisions	Revised By
V0	5/28/2021	Initial Issue	





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#### 1. ATTESTATION OF TEST RESULTS

**FCC** 

**Applicant Information** 

Company Name: WF Tastemakers Trading Limited

Address: Unit 05 and unit 06, 6th Floor, Greenfield Tower Concordia Plaza,

1 Science Museum Road, TST East, Hong Kong

**ISED** 

**Applicant Information** 

Company Name: WF Tastemakers Trading Limited

Address: 980 Avenue of the Americas, 3rd Floor New York NY 10018

American Samoa

**FCC** 

Manufacturer Information

Company Name: WF Tastemakers Trading Limited

Address: Unit 05 and unit 06, 6th Floor, Greenfield Tower Concordia Plaza,

1 Science Museum Road, TST East, Hong Kong

**ISED** 

Manufacturer Information

Company Name: WF Tastemakers Trading Limited

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American Samoa

**EUT Information** 

EUT Name: Street Fighter II Big Blue

Model: STF-A-01077
Series Model: STF-A-01246
Brand: ARCADE 1 UP
Sample Received Date: May 14, 2021

Sample Status: Normal Sample ID: 3905027

APPLICABLE STANDARDS				
STANDARD	TEST RESULTS			
FCC 47CFR§2.1091	PASS			



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Prepared By:

Checked By:

Sham Wen
Laboratory Leader

Approved By:

Application

Stephen Guo Laboratory Manager

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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

	A2LA (Certificate No.: 4102.01)
	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
	has been assessed and proved to be in compliance with A2LA.
	FCC (FCC Designation No.: CN1187)
	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
	Has been recognized to perform compliance testing on equipment subject
	to the Commission's Declaration of Conformity (DoC) and Certification rules
	ISED (Company No.: 21320)
A core diteties	, , , , , , , , , , , , , , , , , , , ,
Accreditation	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
Certificate	has been registered and fully described in a report filed with
	Industry Canada. The Company Number is 21320.
	VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011)
	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
	has been assessed and proved to be in compliance with VCCI, the
	Membership No. is 3793.
	· ·
	Facility Name:
	Chamber D, the VCCI registration No. is G-20019 and R-20004
	Shielding Room B, the VCCI registration No. is C-20012 and T-20011

Note: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China.



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#### 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/cm²)	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 <sup>2</sup> )*	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



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## **CALCULATED RESULTS**

WIFI 2.4G (Worst case)					
Operating Mode	Max. Tune up Power	Max. Directional Antenna Gain	Power density	Limit	
Wode	(dBm)	(dBi)	(mW/ cm <sup>2</sup> )		
WIFI 2.4G	12	4.84	0.00961	1	

WIFI5G (Worst case)					
Operating Mode	Max. Tune up Power	Max. Directional Antenna Gain	Power density	Limit	
Mode	(dBm)	(dBi)	(mW/ cm <sup>2</sup> )		
WIFI 5G	17	4.17	0.02605	1	

#### Note:

- 1. The Power comes from report operation description.
- 2. The minimum separation distance of the device is greater than 20 cm.
- 3. Calculate by WORST-CASE mode.
- 4. Owing to the maximum Calculated Result is below the limit, so it deemed to comply with the basic restrictions without testing which means that no SAR is required.

**END OF REPORT**