

### FCC RF EXPOSURE REPORT

#### **CERTIFICATION TEST REPORT**

For

## NBA JAM ARCADE GAME SHAQ<sup>™</sup> EDITION ARCADE1UP

**MODEL NUMBER: NBS-A-200811** 

FCC ID: 2APXHNB811

REPORT NUMBER: 4790363718-4

ISSUE DATE: April 22, 2022

Prepared for

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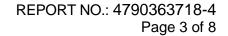
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# **Revision History**

Rev.	Issue Date	Revisions	Revised By
V0	4/22/2022	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

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States Of America (Excluding The States Of Alaska)

**EUT Information** 

EUT Name: NBA JAM ARCADE GAME SHAQ™ EDITION ARCADE1UP

Model: NBS-A-200811
Brand: ARCADE 1 UP
Sample Received Date: April 8, 2022
Sample Status: Normal

Sample Status: Normal Sample ID: 4840113

Date of Tested: April 8, 2022~ April 21, 2022



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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

	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 Delcaration of Conformity (DoC) and Certification rules
	ISED (Company No.: 21320)
A coroditation	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
Accreditation	has been registered and fully described in a report filed with ISED.
Certificate	The Company Number is 21320 and the test lab Conformity Assessment
	Body Identifier (CABID) is CN0046.
	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.

## 4. DESCRIPTION OF EUT

EUT Name	NBA JAM ARCADE GAME SHAQ™ EDITION ARCADE1UP
Model	NBS-A-200811
Radio Technology	IEEE802.11b/g/n HT20
Operation frequency	IEEE 802.11b: 2412MHz ~ 2472MHz IEEE 802.11g: 2412MHz ~ 2472MHz IEEE 802.11n HT20: 2412MHz ~ 2472MHz
Modulation	IEEE 802.11b: DSSS(CCK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK)
Ratting	AC120V, 60Hz



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### 5. 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**

Worst Case					
Modo	Output Power	Antenna Gain	Power Density	Power Density Limit	Test Result
Mode	dBm	dBi	mW/cm2	mW/cm2	!
WIFI 2.4G	17	5.9	0.03879	1.0	Complies

#### Note:

- 1. The Power comes from report operation description.
- 2. The EUT cannot support simultaneous emission.
- 3. The minimum separation distance of the device is greater than 20 cm.
- 3. Calculate by WORST-CASE mode.

**END OF REPORT**