



FCC RF EXPOSURE REPORT

CERTIFICATION TEST REPORT

For

**NFL BLITZ WITH RISER ARCADE1UP, NFL BLITZ WITH RISER & STOOL
ARCADE1UP**

**MODEL NUMBER: NFL-A-207410, NFL-A-227010, NFL-A-225315(FCC)
NFL-A-207410, NFL-A-225315(ISED)**

FCC ID: 2APXHNFL22

IC: 24128-NFL22

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Prepared for

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Prepared by

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Revision History

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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
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EUT Information

EUT Name: NFL BLITZ WITH RISER ARCADE1UP, NFL BLITZ WITH RISER & STOOL ARCADE1UP
Model: NFL-A-207410
Series Model: NFL-A-227010, NFL-A-225315(FCC)
NFL-A-225315(ISED)
Model difference: Refer to clause 4.
Brand: ARCADE 1 UP
Sample Received Date: April 24, 2022
Sample Status: Normal
Sample ID: 4895501
Date of Tested: April 24, 2022~ May 13, 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.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p>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</p> <p>ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p> <p>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</p>
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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:	NFL BLITZ WITH RISER ARCADE1UP, NFL BLITZ WITH RISER & STOOL ARCADE1UP
Model:	NFL-A-207410
Series Model:	NFL-A-227010, NFL-A-225315(FCC) NFL-A-225315(ISED)
Model difference:	NFL-A-225315 and NFL-A-227010 has the same technical construction including electronics/ electrical designs(including software and firmware), construction design/ physical design, PCB Layout with NFL-A-207410. The difference between these models are only in color, cosmetic details, trade name, model number.
Radio Technology	IEEE802.11b/g/n HT20
Operation frequency	IEEE 802.11b: 2412MHz ~ 2462MHz IEEE 802.11g: 2412MHz ~ 2462MHz IEEE 802.11n HT20: 2412MHz ~ 2462MHz
Modulation	IEEE 802.11b: DSSS(CCK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK)
Rating	AC 120 V, 60Hz



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/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**

Worst Case					
Mode	Output Power	Directional Antenna Gain	Power Density	Power Density Limit	Test Result
	dBm	dBi	mW/cm ²	mW/cm ²	--
WIFI 2.4G	17	6.4	0.04352	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