



# FCC RF EXPOSURE REPORT CERTIFICATION TEST REPORT

For

TERMINATOR 2<sup>™</sup> JUDGMENT DAY

**MODEL NUMBER: TER-A-10159** 

FCC ID: 2APXHTER2 IC: 24128-TER2

REPORT NUMBER: 4790068273.1-3

ISSUE DATE: September 03, 2021

Prepared for

TASTEMAKERS, LLC 347 Fifth Avenue, Suite 1402-199, New York, New York, USA

Prepared by

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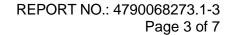
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## **Revision History**

Rev.	Issue Date	Revisions	Revised By
V0	9/3/2021	Initial Issue	





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### 1. ATTESTATION OF TEST RESULTS

**Applicant Information** 

Company Name: TASTEMAKERS, LLC

Address: 347 Fifth Avenue, Suite 1402-199, New York, New York, USA

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Company Name: TASTEMAKERS, LLC

Address: 347 Fifth Avenue, Suite 1402-199, New York, New York, USA

**EUT Information** 

EUT Name: TERMINATOR 2<sup>™</sup> JUDGMENT DAY

Model: TER-A-10159
Brand: ARCADE1UP
Sample Received Date: August 23, 2021

Sample Status: Normal Sample ID: 4164516

Date of Tested: August 23, 2021 ~ August 27, 2021

APPLICABLE STANDARDS				
TEST RESULTS	STANDARD			
PASS	FCC 47CFR§2.1091			
PASS	FCC 47CFR§2.1091			

	FCC 47CFR§2.1091		PASS
Prepared By:		Checked By	:
kebo. zhang.		Shemm	lier
Kebo Zhang Project Engineer		Shawn Wen Laboratory L	eader
Approved By:			
Stephen Guo			

Laboratory Manager



### 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)			
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	Max. Tune up Power	Max. Antenna Gain Power densit		Limit	
Mode	(dBm)	(dBi)	(mW/ cm <sup>2</sup> )	Liiiik	
WIFI 2.4G	16.5	6	0.0354	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**