Certificate # 2951.01

RF EXPOSURE REPORT

Applicant	Innovative Technology Electronics, LLC
Address	3513 Brighton Blvd Suite 570, Denver, CO 80216, USA

Manufacturer or Supplier	Guangdong Leetac Electronics Technology Co ., Ltd.
Address	No.15 Danli Road, South District, Zhongshan, Guangdong, China.
Product	Victrola Haley
Brand Name	Victrola, Innovative Technology
Model	V50-200
Additional Models & Model Difference	V50-200.2, V50-200.2-BLK, V50-200.2-BLK- SDF, etc., see items 1
Date of tests	Sep. 05, 2022 ~ Sep. 16, 2022

☒ **FCC Part 2 (Section 2.1091)**

☒ **KDB 447498 D01**

☒ **IEEE C95.1**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Niko Zhang Project Engineer / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	 Date: Oct. 10, 2022

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2209WDG0016	Original release	Oct. 10, 2022

Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

No. 96, Guantai Road (Houjie Section), Houjie Town, Dongguan City, Guangdong Province. 523942. People's Republic of China.

Tel: +86 769 8998 2098
Fax: +86 769 8593 1080
Email: customerservice.dg@bureauveritas.com

1. CERTIFICATION

FCC ID:	2AFHW-V502002
PRODUCT:	Victrola Haley
BRAND NAME:	Victrola, Innovative Technology
MODEL NO.:	V50-200
ADDITIONAL NO.:	V50-200.2, V50-200.2-BLK, V50-200.2-BLK- SDF, V50-200.2-BLU, V50-200.2-BLU- SDF, V50-200.2-RED, V50-200.2-RED-SDF, V50-200.2-TEL, V50-200.2-TEL-SDF, V50-200.2-XXX, V50-200.2-XXX-SDF, V50-200-BLK, V50-200-BLK-SDF, V50-200-BLU, V50-200-BLU-SDF, V50-200-RED, V50-200-RED-SDF, V50-200-TEL, V50-200-TEL-SDF, V50-200-XXX, V50-200-XXX-SDF, V50-200XXXXXXXXX (where each “X” can be digit "0-9", letter "A-Z", "-" or blank respectively, means unit color or pattern)
APPLICANT:	Innovative Technology Electronics, LLC
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

2. RF EXPOSURE LIMIT

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm^2)	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	…	…	F/1500	30
1500-100,000	…	…	1.0	30

F = Frequency in MHz

3. MPE CALCULATION FORMULA

$Pd = (Pout*G) / (4*pi*r^2)$

where

Pd = power density in mW/cm^2

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

4. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	1.7	PCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED AV POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
GFSK	2402-2480	-2	+-2	-4	0
8DPSK	2402-2480	-2	+-2	-4	0

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
GFSK	2402	-1.31
8DPSK	2402	-1.31

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2402-2480	0	1.7	20	0.000294	1.0

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