RF EXPOSURE REPORT

Applicant	Innovative Technology Electronics, LLC
Address	1 Channel Drive, Port Washington, NY 11050, USA

Manufacturer or Supplier	Guangdong Leetac Electronics Technology Co .,Ltd.
Address	No.15 Danli Road, South District, Zhongshan, Guangdong, China.
Product	Music Center with Bluetooth
Brand Name	Victrola, Innovative Technology
Model	VTA-270B(A)
Additional Model & Model Difference	VTA-270B(A)-ESP, VTA-270B, VTA-270B-ESP, VTA-270B-FNT, VTA-270B-FOT, VTA-270B-GRY, VTA-270PB, VTA-270CB, VTA-270CB-ESP, VTA-270Bxxxx, VTA-270B(A)xxxx, VTA-270PBxxxx, VTA-270CBxxxx (where “x” can be “0-9”, “A-Z”, “-” or blank and means color code of unit); see item 1
Date of tests	May 10, 2019 ~ May 21, 2019

☒ **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 Ryan Lu Project Engineer / EMC Department	Approved by Glyn He Supervisor/ EMC Department
	 Date: May 29, 2019

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM190510N041	Original release	May 29, 2019

Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

No. 34, Chenwulu Section, Guantai Rd., Houjie Town, Dongguan City, Guangdong 523942, China

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

1. CERTIFICATION

FCC ID:	2AFHW-VTA270BA
PRODUCT:	Music Center with Bluetooth
BRAND NAME:	Victrola, Innovative Technology
MODEL NO.:	VTA-270B(A)
ADDITIONAL NO.:	VTA-270B(A)-ESP, VTA-270B, VTA-270B-ESP, VTA-270B-FNT, VTA-270B-FOT, VTA-270B-GRY, VTA-270PB, VTA-270CB, VTA-270CB-ESP, VTA-270Bxxxx, VTA-270B(A)xxxx, VTA-270PBxxxx, VTA-270CBxxxx (where “x” can be “0-9”, “A-Z”, “-” or blank and means color code of unit)
APPLICANT:	Innovative Technology Electronics, LLC
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

NOTE:

1. Additional models VTA-270B(A)-ESP, VTA-270B, VTA-270B-ESP, VTA-270B-FNT, VTA-270B-FOT, VTA-270B-GRY, VTA-270PB, VTA-270CB, VTA-270CB-ESP, VTA-270Bxxxx, VTA-270B(A)xxxx, VTA-270PBxxxx, VTA-270CBxxxx (where “x” can be “0-9”, “A-Z”, “-” or blank and means color code of unit) are identical with the test model VTA-270B(A) except the model number for trading purpose.

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	0	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	-7	+-1	-8	-6
8DPSK	2402-2480	-7	+-1	-8	-6

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
GFSK	2441	-7.34
8DPSK	2441	-7.30

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2402-2480	-6	0	20	0.00005	1.0

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