



Test Report No.: FM2101WDG0059



RF EXPOSURE REPORT

Applicant	Innovative Technology Electronics, LLC
Address	1979 Marcus Ave, Suite 210, Lake Success, NY 11042, USA

Manufacturer or Supplier	Guangdong Leetac Electronics Technology Co., Ltd.
Address	No.15 Danli Road, South District, Zhongshan, Guangdong, China.
Product	BLUETOOTH JUKEBOX
Brand Name	Victrola, Innovative Technology
Model	VJB-127-SDF
Additional Models & Model Difference	VJB-127-xxxxxxx (where each "x" can be digit 0-9, letter A-Z, "-" or blank respectively, means unit color or pattern)
Date of tests	Jan. 08, 2021 ~ Mar. 22, 2021

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 Tom Chen
Project Engineer / EMC Department

Approved by Glyn He
Assistant Manager / EMC Department

Date: May 13, 2021

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TABLE OF CONTENTS

RELEASE CONTROL RECORD	3
1. CERTIFICATION.....	4
2. RF EXPOSURE LIMIT	5
3. MPE CALCULATION FORMULA.....	5
4. CLASSIFICATION	5
5. ANTENNA GAIN	6
6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER.....	6



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VERITAS**

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM2101WDG0059	Original release	May 13, 2021

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1. CERTIFICATION

FCC ID:	2AFHW-VJB127SDF
PRODUCT:	BLUETOOTH JUKEBOX
BRAND NAME:	Victrola, Innovative Technology
MODEL NO.:	VJB-127-SDF
ADDITIONAL NO.:	VJB-127-xxxxxxx (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/cm²

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	0.68	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	-8	+1	-9	-7
8DPSK	2402-2480	-8	+1	-9	-7

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
GFSK	2402	-7.41
8DPSK	2441	-7.32

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
2402-2480	-7	0.68	20	0.00005	1.0

--- END ---