



**BUREAU  
VERITAS**

Test Report No.: FM190313N001

# 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-754B                                                                                                                                                                                                                                                                                                                                                        |
| Additional Model & Model Difference | VTA-754B-MAH, VTA-754B-ESP, VTA-754B-WHT, VTA-754B-BLK, VTA-754B-OAK, VTA-754Bxxxx, VTA-750B(PC), VTA-750B(PC)-MAH, VTA-750B(PC)-ESP, VTA-750B(PC)-WHT, VTA-750B(PC)-BLK, VTA-750B(PC)-OAK, VTA-750B(PC)xxxx, ITVS-754B, ITVS-754Bxxxx, ITVS-750B(PC), ITVS-750B(PC)xxxx (where "x" can be "0-9", "A-Z", "-" or blank and means color code of unit), See item 1 |
| Date of tests                       | Mar. 13, 2019 ~ Apr. 16, 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<br>Project Engineer / EMC Department                              | Approved by Glyn He<br>Supervisor/ EMC Department                                                          |
|  | <br>Date: May 06, 2019 |

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## RELEASE CONTROL RECORD

| ISSUE NO.    | REASON FOR CHANGE | DATE ISSUED  |
|--------------|-------------------|--------------|
| FM190313N001 | Original release  | May 06, 2019 |



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## 1. CERTIFICATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FCC ID:</b>             | 2AFHW-VTA754B                                                                                                                                                                                                                                                                                                                                                                  |
| <b>PRODUCT:</b>            | Music Center with Bluetooth                                                                                                                                                                                                                                                                                                                                                    |
| <b>BRAND NAME:</b>         | Victrola, Innovative Technology                                                                                                                                                                                                                                                                                                                                                |
| <b>MODEL NO.:</b>          | VTA-754B                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ADDITIONAL MODELS.:</b> | VTA-754B-MAH, VTA-754B-ESP,<br>VTA-754B-WHT, VTA-754B-BLK,<br>VTA-754B-OAK, VTA-754Bxxxx,<br>VTA-750B(PC), VTA-750B(PC)-MAH,<br>VTA-750B(PC)-ESP, VTA-750B(PC)-WHT,<br>VTA-750B(PC)-BLK, VTA-750B(PC)-OAK,<br>VTA-750B(PC)xxxx, ITVS-754B,<br>ITVS-754Bxxxx, ITVS-750B(PC),<br>ITVS-750B(PC)xxxx (where "x" can be "0-9",<br>"A-Z", "-" or blank and means color code of unit) |
| <b>APPLICANT:</b>          | Innovative Technology Electronics, LLC                                                                                                                                                                                                                                                                                                                                         |
| <b>STANDARDS:</b>          | FCC Part 2 (Section 2.1091)                                                                                                                                                                                                                                                                                                                                                    |
|                            | KDB 447498 D01                                                                                                                                                                                                                                                                                                                                                                 |
|                            | IEEE C95.1                                                                                                                                                                                                                                                                                                                                                                     |

Note: 1. Additional models (see above table) are identical with the test model VTA-754B except the brand name, model no., cassette slot location, with or without two tweeter speakers and paper tube 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 <sup>2</sup> ) | 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

$$P_d = (P_{out} * G) / (4 * \pi * r^2)$$

where

$P_d$  = power density in mW/cm<sup>2</sup>

$P_{out}$  = 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             | 2.0             | 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       | -4                 | +/-2            | -6                    | -2                    |
| 8DPSK | 2402-2480       | -4                 | +/-2            | -6                    | -2                    |

The measured conducted Average Power

| Mode  | Frequency (MHz) | Averaged Power (dBm) |
|-------|-----------------|----------------------|
| GFSK  | 2441            | -3.89                |
| 8DPSK | 2441            | -3.73                |

| FREQUENCY BAND (MHz) | MAX AVERAGE POWER (dBm) | ANTENNA GAIN (dBi) | DISTANCE (cm) | POWER DENSITY (mW/cm <sup>2</sup> ) | LIMIT (mW/cm <sup>2</sup> ) |
|----------------------|-------------------------|--------------------|---------------|-------------------------------------|-----------------------------|
| 2402-2480            | -2                      | 2                  | 20            | 0.000199                            | 1.0                         |

--- END ---