



BUREAU
VERITAS

Test Report No.: FS160202N044

RF EXPOSURE REPORT

Applicant	Zhongshan Leetac Electronics Co.,Ltd
Address	No.15 Danli Road, South District, Zhongshan, Guangdong, China.

Manufacturer or Supplier	Zhongshan Leetac Electronics Co.,Ltd
Address	No.15 Danli Road, South District, Zhongshan, Guangdong, China.
Product	BRIGHT TUNES
Brand Name	Innovative Technology, Victrola
Model	BRT-150-GA-80
Additional Model & Model Difference	BRT-150-xy-z, BRT-250-xy-z, BRT-100-BCC-25, BRT-100-BW-20, BRT-100-BX-20, BRT-100-GA-80, BRT-100-GD-80, BRT-100-GF-80, BRT-100-WA-80, BRT-100-WU-20, BRT-200-GG-80, BRT-200-GI-80, BRT-100-xy-z, BRT-200-xy-z, see section 2.1
Date of tests	Feb. 02, 2016 ~ Feb. 29, 2016

☒ 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 Breeze Jiang Project Engineer / EMC Department	Approved by Chris Chen Manager / EMC Department
	 Date: Feb. 29, 2016

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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



Test Report No.: FS160202N044

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS160202N044	Original release	Feb. 29, 2016

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1. CERTIFICATION

FCC ID:	ZXNLEETACEZ400
PRODUCT:	BRIGHT TUNES
BRAND NAME:	Innovative Technology, Victrola
MODEL NO.:	BRT-150-GA-80
ADDITIONAL NO.:	BRT-150-xy-z, BRT-250-xy-z, BRT-100-BCC-25, BRT-100-BW-20, BRT-100-BX-20, BRT-100-GA-80, BRT-100-GD-80, BRT-100-GF-80, BRT-100-WA-80, BRT-100-WU-20, BRT-200-GG-80, BRT-200-GI-80, BRT-100-xy-z, BRT-200-xy-z
TEST SAMPLE:	Engineering Sample
APPLICANT:	INNOVATIVE TECHNOLOGY ELECTRONICS CORP.
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

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

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 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	Integral PCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
2402-2480MHz	0.9616	0	20	0.0001913	1.0

--- END ---