

# FCC RF EXPOSURE REPORT

**FCC ID: 2AP9V-ML06031**

**Project No.** : 1702C186D  
**Equipment** : Bluetooth Speaker  
**Test Model** : AeroBull HD  
**Series Model** : N/A  
**Applicant** : Music Life Limited  
**Address** : Unit 2105-09, 21/F, FTLife Tower, 18 Sheung Yuet Road, Kowloon Bay, Kowloon, Hong Kong, China  
  
**According** : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091

## **B T L I N C .**

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Certificate #5123.02

**REPORT ISSUED HISTORY**

Report Version	Description	Issued Date
R00	Original Issue.	Aug. 29, 2019
R01	Updated the Section 1.	Sep. 10, 2019

## 1. GENERAL SUMMARY

Equipment : Bluetooth Speaker  
 Brand Name : AeroSystem  
 Test Model : AeroBull HD  
 Applicant : Music Life Limited  
 Manufacturer : Music Life Limited  
 Address : Unit 2105-09, 21/F, FTLife Tower, 18 Sheung Yuet Road, Kowloon Bay, Kowloon, Hong Kong, China  
 Factory : Tec Mold Holdings Limited  
 Address : Jingrong Industrial Park, Shunfeng Road, Sanzhong, Village, Qingxi Town, Dongguan City, Guangdong Province P.R. China 523651  
 Date of Test : May 24, 2018 ~ Jun. 11, 2018  
 Test Sample : Engineering Sample No.: D180504140  
 Standards : FCC Title 47 Part 2.1091, OET Bulletin 65 Supplement C

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-3-1702C186D) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of A2LA according to the ISO/IEC 17025 quality assessment standard and technical standard(s).

## 2. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	PCB	N/A	0.11

### 3. TEST RESULTS

For BT:

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
0.11	1.0257	4.95	3.1261	0.00063819	1	Complies

For LE:

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
0.11	1.0257	4.29	2.6853	0.00054821	1	Complies

Note: the calculated distance is 20 cm.

**End of Test Report**