

FCC RF EXPOSURE REPORT

FCC ID: QWHLIVEBUDS

Project No. : 2009C160
Equipment : Wireless Earphone
Brand Name : Behringer
Test Model : LIVE BUDS
Series Model : N/A
Applicant : Music Tribe Commercial MY Sdn. Bhd.
Address : 1-17-02, Suntech @ Penang Cybercity, LinTang Mayang Pasir 3,
Bayan Baru, Pulau Pinang, Malaysia
Manufacturer : Music Tribe Commercial MY Sdn. Bhd.
Address : 1-17-02, Suntech @ Penang Cybercity, LinTang Mayang Pasir 3,
Bayan Baru, Pulau Pinang, Malaysia
Factory : iLike Electronics Co., Ltd.
Address : Floor 1 and 2 of No. 2300267, 2300268, Ju Ling old village, Ju Tang
Community, Guanlan Street, Longhua New District, Shenzhen, China.
Date of Receipt : Oct. 29, 2020
Date of Test : Oct. 29, 2020 ~ Nov. 19, 2020
Issued Date : Dec. 08, 2020
Report Version : R00
Test Sample : Engineering Sample No.:DG2020102327
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & KDB447498 D01

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

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Certificate #5123.02

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REPORT ISSUED HISTORY

| Report Version | Description | Issued Date |
|----------------|-----------------|---------------|
| R00 | Original Issue. | Dec. 08, 2020 |

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's Test Firm Registration Number for FCC: 357015

BTL's Designation Number for FCC: CN1240

2. GENERAL CONCLUSION

According to FCC KDB447498 D01, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

| Appendix A - SAR Test Exclusion Thresholds for 100 MHz - 6 GHz and ≤ 50 mm | | | | | | | | | | | |
|--|----|----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------------|
| MHz | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | mm |
| 150 | 39 | 77 | 116 | 155 | 194 | 232 | 271 | 310 | 349 | 387 | SAR Test Exclusion Thresholds (mW) |
| 300 | 27 | 55 | 82 | 110 | 137 | 164 | 192 | 219 | 246 | 274 | |
| 450 | 22 | 45 | 67 | 89 | 112 | 134 | 157 | 179 | 201 | 224 | |
| 835 | 16 | 33 | 49 | 66 | 82 | 98 | 115 | 131 | 148 | 164 | |
| 900 | 16 | 32 | 47 | 63 | 79 | 95 | 111 | 126 | 142 | 158 | |
| 1500 | 12 | 24 | 37 | 49 | 61 | 73 | 86 | 98 | 110 | 122 | |
| 1900 | 11 | 22 | 33 | 44 | 54 | 65 | 76 | 87 | 98 | 109 | |
| 2450 | 10 | 19 | 29 | 38 | 48 | 57 | 67 | 77 | 86 | 96 | |
| 3600 | 8 | 16 | 24 | 32 | 40 | 47 | 55 | 63 | 71 | 79 | |
| 5200 | 7 | 13 | 20 | 26 | 33 | 39 | 46 | 53 | 59 | 66 | |
| 5400 | 6 | 13 | 19 | 26 | 32 | 39 | 45 | 52 | 58 | 65 | |
| 5800 | 6 | 12 | 19 | 25 | 31 | 37 | 44 | 50 | 56 | 62 | |

3. TABLE FOR FILED ANTENNA

| Ant. | Brand | Model Name | Antenna Type | Connector | Gain(dBi) |
|------|-------|------------|--------------|-----------|-----------|
| 1 | N/A | N/A | Chip | N/A | 3.09 |

4. TEST RESULTS

| |
|-------------------------|
| Tune up tolerance (dBm) |
| BT |
| ≤-3.00 |

| Max. Output Power (dBm) | Max. Output Power (mW) | Limit (mW) |
|-------------------------|------------------------|------------|
| -3.00 | 0.50 | 10 |

Note:

- (1) Output power including tune up tolerance.
- (2) The maximum measured output peak power of this EUT is 0.50mW, less than 10mW at 5mm distance.
Conclusion: No SAR evaluation required since transmitter power is below FCC threshold.

End of Test Report

ATTACHMENT

PHOTOGRAPHS OF EUT

























