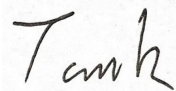


## RF Exposure report

**Report No.:** HQ200310EL07-FM**Applicant Name:** New Audio LLC**Applicant Address:** 132 W. 31st 7th Floor New York, NY 10001**FCC ID:** 2AGA7MW01**Product Name:** Wireless Bluetooth Adapter/Transmitter**Brand Name:** Master & Dynamic**Test Model:** MW01**Received Date:** Mar. 16, 2020**Test Date:** Mar. 16, 2020 ~ May 13, 2020**Issued Date:** May 28, 2020**Issued By:** Hwa-Hsing (Dongguan) Testing Co., Ltd.**Lab Address:** No.101, Bld N1, Yuyuan 2Rd, Yuyuan Industrial Park,  
HuangJiang Town, Dongguan, China**Test Location:** No.101, Bld N1, Yuyuan 2Rd, Yuyuan Industrial Park,  
HuangJiang Town, Dongguan, China**FCC Designation Number:** CN1255**Standards:** FCC Part 2 (Section 2.1091)  
KDB 447498 D01; IEEE C95.1

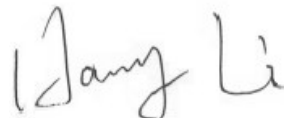
The above equipment has been tested by **Hwa-Hsing (Dongguan) Testing Co., Ltd.**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

**Prepared by :**

Tank Tan//Engineer

**Date:**

May 18, 2020

**Approved by :**

Harry Li/ Supervisor

**Date:**

May 28, 2020

This report is for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents. Unless specific mention, the uncertainty of measurement has been explicitly taken into account to declare the compliance or non-compliance to the specification. The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of the federal government. The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any government agencies.

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**Release control record**

| Issue No.       | Reason for change | Date issued  |
|-----------------|-------------------|--------------|
| HQ200310EL07-FM | Original release  | May 28, 2020 |

## 1. RF exposure limit

Limits for maximum permissible exposure (MPE)

| Limits for general population / uncontrolled exposure |                                  |                                  |                                        |                           |
|-------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------------|---------------------------|
| Frequency range<br>(MHz)                              | Electric field strength<br>(V/m) | Magnetic field strength<br>(A/m) | Power density<br>(mW/cm <sup>2</sup> ) | Average time<br>(minutes) |
| 300-1500                                              | ...                              | ...                              | F/1500                                 | 30                        |
| 1500-100,000                                          | ...                              | ...                              | 1.0                                    | 30                        |
| Note: F = Frequency in MHz                            |                                  |                                  |                                        |                           |

## 2. MPE calculation formula

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

Where:

Pd = power density in mW/cm<sup>2</sup>

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

### **Classification:**

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user.

### 3. Calculation result of maximum conducted 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       | -2                 | +/-2            | -4                    | 0                     |
| 8DPSK | 2402-2480       | -2                 | +/-2            | -4                    | 0                     |

#### The measured conducted Average Power

| Mode  | Frequency (MHz) | Averaged Power (dBm) |
|-------|-----------------|----------------------|
| GFSK  | 2480            | -0.19                |
| 8DPSK | 2480            | -1.04                |

#### SAR Test Exclusion Thresholds

| Frequency (MHz) | Maximum source-based time averaged conducted output power (dBm) | Minimum separation distance (mm) | Result of Eq. 1 | Limit for 1-g SAR | Limit for 10-g extremity SAR | Verdict         |
|-----------------|-----------------------------------------------------------------|----------------------------------|-----------------|-------------------|------------------------------|-----------------|
| 2402-2480       | 0                                                               | 5                                | 0.315           | 3.0               | 7.5                          | Exempt from SAR |

#### Conclusion:

Therefore this device complies with FCC's RF radiation exposure limits for general population without SAR evaluation.

#### 4. Appendix – Information on the Testing Laboratories

We, [Hwa-Hsing \(Dongguan\) Co., Ltd.](#), A global provider of TESTING and CERTIFICATION services for consumer products, electronic products and wireless information technology products. Adhering to the core values “HONEST and TRUSTWORTHY, OBJECTIVE and IMPARTIALITY, RIGOROUS and AFFICIENT”, commitment to provide professional, perfect and efficient comprehensive ONE-STOP solution of TESTING and CERTIFICATION services for Manufacturers, Buyers, Traders, Brands, Retailers. Assist client to better manage risk, protect their brands, reduce costs and cut time to over 150 markets in global. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Lab Address: [No.101, Bld N1, Yuyuan 2Rd, Yuyuan Industrial Park, HuangJiang Town, Dongguan, China](#)

Contact Tel: [0769-83078199](tel:0769-83078199)

Email: [customerservice.dg@hwa-hsing.com](mailto:customerservice.dg@hwa-hsing.com)

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