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RF Exposure Evaluation

Report No.: CQASZ20180400042E-04

Applicant: 1MORE Shen Zhen Acoustic Technology Co., Ltd.

Address of Applicant: Tianliao Building 1403-1411, Zone A Tianliao Industrial Park, Taoyuan Street, Nanshan District, Shenzhen, P.R. China

Manufacturer: 1MORE Shen Zhen Acoustic Technology Co., Ltd.

Address of Manufacturer: Tianliao Building 1403-1411, Zone A Tianliao Industrial Park, Taoyuan Street, Nanshan District, Shenzhen, P.R. China

Equipment Under Test (EUT):

Product: 1MORE Dual Driver BT ANC In-Ear Headphones

Model No.: E1004BA

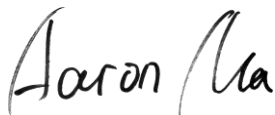
Brand Name: 1MORE


Standards: EN 62479: 2010

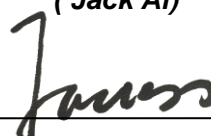
Date of Test: 2018-04-25 to 2018-07-04

Date of Issue: 2018-07-04

Test Result : Pass*

Tested By: 
(Aaron Ma)

Reviewed By: 
(Jack Ai)

Approved By: 
(Jack Ai)



* In the configuration tested, the EUT complied with the standards specified above.

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.

Revision History Of Report

| Report No. | Version | Description | Issue Date |
|----------------------|---------|----------------|------------|
| CQASZ20180400042E-04 | Rev.01 | Initial report | 2018-07-04 |

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1 General Information

1.1 Client Information

| | |
|--------------------------|--|
| Applicant: | 1MORE Shen Zhen Acoustic Technology Co., Ltd. |
| Address of Applicant: | Tianliao Building 1403-1411, Zone A Tianliao Industrial Park, Taoyuan Street, Nanshan District, Shenzhen, P.R. China |
| Manufacturer: | 1MORE Shen Zhen Acoustic Technology Co., Ltd. |
| Address of Manufacturer: | Tianliao Building 1403-1411, Zone A Tianliao Industrial Park, Taoyuan Street, Nanshan District, Shenzhen, P.R. China |

1.2 General Description of EUT

| | |
|----------------------|---|
| Product Name: | 1MORE Dual Driver BT ANC In-Ear Headphones |
| Model No.: | E1004BA |
| Trade Mark: | 1MORE |
| Software version: | V1.0 |
| Hardware version: | V1.0 |
| Frequency Range: | 2402MHz to 2480MHz |
| Sample Type: | Portable production |
| Antenna Type: | Ceramic antenna |
| Antenna Gain: | 1.72dBi |
| Power Supply: | lithium battery:DC3.7V, Charge by DC5.0V |
| The worst case EIRP: | BT: 3.94dBm(2.48mW)* BLE:0.8dBm(1.20mW) * |
| * | The EIRP data refer to the report CQASZ20180400042E-02 & CQASZ20180400042E-03 |

2 EN 62479 REQUIREMENT

2.1 General Description of Applied Standards

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

2.2 Human exposure to the Electromagnetic fields

This International Standard provides simple conformity assessment methods for low-power electronic and electrical equipment to an exposure limit relevant to electromagnetic fields (EMF). If such equipment cannot be shown to comply with the applicable EMF exposure requirements using the methods included in this standard for EMF assessment, then other standards, including IEC 62311 or other (EMF) product standards, may be used for conformity assessment.

2.3 RF Exposure Evaluation

2.3.1 Limit

According to EN 62479 clause 4.2 Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level P_{max} .

$P_{max} = 20 \text{ mW}$ (13 dBm) according to ICNIRP guidelines, since the EUT is General public used.

Remark:

- B: The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in EN 62479 clause 4.2
- C: The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in EN 62479 clause 4.2
- D: Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in EN 62479 clauses 4.2.

2.3.2 Test Result

The EIRP of the EUT is 2.48mW which is below the max permitted sending level of 20 mW, and then the EUT is not need to conduct SAR measurement.

3 EUT Photos

Refer to Photographs of EUT Constructional Details for CQASZ20180400042E-01.