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TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

1MORE Stylish True Wireless In-Ear Headphones-I

ISSUED TO
Tiinlab Acoustic Technology Limited

Tianliao Building 1403, Zone A Tianliao Industrial Park, Taoyuan Str., Nanshan Dist., Shenzhen, P.R. China

Tested by: Zong Liyao
(Engineer)
Date Feb. 26, 2019

Approved by: Wei Yanquan
(Chief Engineer)
Date Feb. 26, 2019

Report No.:	BL-SZ1910199-701
EUT Name:	1MORE Stylish True Wireless In-Ear Headphones-I
Model Name:	E1026BT-I
Brand Name:	1MORE
Test Standard:	EN 62479: 2010
Test Conclusion:	Pass
Test Date:	Jan. 14, 2019 ~ Jan. 23, 2019
Date of Issue:	Feb. 26, 2019

Block B, 1st FL,Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong, P. R. China 518055
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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Feb. 26, 2019	Initial Issue

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1 GENERAL INFORMATION

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China.
Phone Number	+86 755 6685 0100
Fax Number	+86 755 6182 4271

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China.
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1. The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The laboratory is a testing organization accredited by American Association for Laboratory Accreditation (A2LA) according to ISO/IEC 17025.The accreditation certificate is 4344.01. The laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L6791.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Test Environment Condition

Ambient Temperature	21℃ to 23℃
Ambient Relative Humidity	40% to 50%
Ambient Pressure	100 KPa to 102 KPa

1.4 Announce

(1) The test report reference to the report template version v2.0.

(2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.

(3) The test report is invalid if there is any evidence and/or falsification.

(4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.

(5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.

(6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Tiinlab Acoustic Technology Limited
Address	Tianliao Building 1403, Zone A Tianliao Industrial Park, Taoyuan Str., Nanshan Dist., Shenzhen, P.R. China

2.2 Manufacturer Information

Manufacturer	Tiinlab Acoustic Technology Limited
Address	Tianliao Building 1403, Zone A Tianliao Industrial Park, Taoyuan Str., Nanshan Dist., Shenzhen, P.R. China

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	1MORE Stylish True Wireless In-Ear Headphones-I
Under Test Model Name	E1026BT-I
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V0.2
Software Version	V0.6
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	
	Model No.	
	Serial No.	
	Capacity	mAh
	Rated Voltage	V
	Limit Charge Voltage	V

2.6 Technical Information

Network and Wireless connectivity	Bluetooth 5.0 (BR+BLE)

The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	Bluetooth
Frequency Range	2400 MHz ~ 2483.5 MHz
Antenna Type	PIFA Antenna
Exposure Category	General Population/Uncontrolled Exposure
EUT Stage	Portable Device

3 STANDARD INFORMATION

3.1 Test Standard

No.	Identity	Document Title
1	EN 62479:2010	Assesment 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)

4 DEVICE CATEGORY AND LEVELS LIMITS

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the following limits.

For frequency range 10 MHz to 10 GHz

The basic restriction at frequencies between 10 MHz and 100 GHz is on localized SAR in the head. Any device with output power below 20 mW cannot produce an exposure exceeding this restriction under the most pessimistic exposure conditions. The basic restriction is 2 W/kg so any unit which supplies less than 20 mW (=2/100W) from its antenna port, averaged over 6 minutes, will meet the basic restriction.

For frequency range 10 GHz to 300 GHz

The most conservative assumption is that all the transmitted power is absorbed within the specified area, therefore any device which supplies less than 20 mW will meet the basic restriction. The average time is equal to 68/f-1.05 minutes (where f is in GHz) In the frequency range 10 GHz to 300 GHz, the basic restriction is 10 Wm-2 averaged over any 20 cm2 of exposed area with a spatial maximum of 200 Wm-2 averaged over 1 cm2

Criteria A: All electromagnetic fields

If the average power emitted by apparatus operating in the frequency range 10 MHz – 300GHz is less that or equal to 20 mW and the transmitting peak power is less than 20W then the apparatus is deemed to comply with the basic restrictions without testing. Averaging time is 6 minutes in the frequency range 10 MHz to 10 GHz. The average time is equal to 68/f-1.05 minutes (where f is in GHz) in the frequency range 10 GHz to 300 GHz.
If the total supply power or the input power to the circuitry producing the greatest emissions in the device is less than or equal to 20 mW then it is assumed that the emitted power is less than 20 mW.

Criteria B: Pulse modulated electromagnetic fields with pulse duration less than 30 microseconds

For pulses of duration less than 30 microseconds at frequencies between 300 MHz and 10 GHz, there is also a basic restriction on Specific energy absorption (SA). This is 2mJ kg-1 in any 10g of tissue in the head. For most pulses, the SAR restriction will be more stringent, but for pulses with a repetition frequency of less than 100 Hz, the SA restriction will predominate. For devices producing pulses with repetition rates below 100 Hz, the average power should be less than 20 x prf mW (pulse repetition frequency, prf in Hz).

5 ASSESSMENT RESULT

5.1 Output Power

BLUETOOTH-Left			
Mode	BR/EDR		BLE
	GFSK	π/4-DQPSK	GFSK
EIRP (dBm)	9.3	**9.7**	9.2
BLUETOOTH-Right			
Mode	BR/EDR		BLE
	GFSK	π/4-DQPSK	GFSK
EIRP (dBm)	9.4	**9.7**	9.0
Note: This report listed the maximal case EIRP power value, please refer to RF test report for more details.			

5.2 Conclusion

Note: The EIRP power of Bluetooth at maximal case is: 9.7 dBm (9.33 mW) which is below the exempt condition, 20mW specified in EN62479: 2010. RF exposure assessment has been performed below to prove that this unit will not generate the harmful EM emission above the reference level as specified in EC Council Recommendation (1999/519/EC).

This EUT is deemed to comply with the reference level limits by Council Recommendation 1999/519/EC, therefore the basic restrictions are compliant with human exposure limits.

--END OF REPORT--