EMTEK
Access to the World

THE TEST REPORT

For

" TWinS " TWS Bluetooth Sporty Earphone Set

Model No.: BH-289

Prepared for :
Address :

Prepared by : EMTEK(DONGGUAN) CO., LTD.
Address : No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China.

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Report No. : ED170717031H
Date of Test : July 17, 2017 to July 24, 2017
Date of Report : July 27, 2017

TABLE OF CONTENT

Description Page

TEST REPORT DESCRIPTION

Applicant	:	
Manufacturer		
EUT	:	" TWinS " TWS Bluetooth Sporty Earphone Set
Model No.	:	BH-289
Input Rating	:	DC 5V from adaptor, Battery 3.7V

Test Procedure Used:

EN 62479: 2010

The device described above is tested by EMTEK(DONGGUAN) CO., LTD. To determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. This report shows the EUT to be technically compliant with the EN 62479: 2010 requirements. The test results are contained in this report and EMTEK(DONGGUAN) CO., LTD. Is assumed full responsibility for the accuracy and completeness of these tests.

This report applies to above tested sample only and shall not be reproduced in part without written approval of EMTEK(DONGGUAN) CO., LTD.

Date of Test : July 17, 2017 to July 24, 2017

Prepared by : Abby Li

Abby Li/Editor

Reviewer : Tomas Yang

Tomas Yang/Supervisor

Approved & Authorized Signer :

EMTEK (DONGGUAN) CO.,LTD. TESTING

Sam Lv/Manager

Modified Information

Version	Summary	Revision Date	Report No.
Ver.1.0	Original Report	/	ED170717031H

1. GENERAL INFORMATION

1.1 Description of Device (EUT)

EUT	:	" TWinS " TWS Bluetooth Sporty Earphone Set
Model Number	:	BH-289
Trademark	:	
Power	:	0.75 dBm Max
Applicant	:	
Address	:	
Manufacturer	:	
Address	:	
Date of received	:	July 17, 2017
Date of Test	:	July 17, 2017 to July 24, 2017

1.2 Test Facility

Site Description

EMC Lab. : Accredited by CNAS, 2015.09.24
The certificate is valid until 2018.07.03
The Laboratory has been assessed and proved to be in compliance with CNAS/CL01:2006
The Certificate Registration Number is L3150

Registered on Industry Canada, January 13, 2017
The Certificate Number is 9444A

Name of Firm : EMTEK(DONGGUAN) CO., LTD.

Site Location : No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China.

2. GENERAL PRODUCT INFORMATION

2.1 Product Function and Intended Use

The submitted sample is wireless transceiver includes transmitter and receiver.

2.2 Ratings and System Details

		Transceiver
Frequency Range	:	2402~2480MHz
Number of Channels	:	79
Power Supply	:	AC 230V/50Hz
Protection Class	:	III

3. EN 62479 REQUIREMENT

3.1 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).

3.2 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.

3.3 RF Exposure Evaluation

3.3.1 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 Pmax.
P max = 20 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.

3.3.2 Test result

The EIRP of the EUT are below the max permitted sending level of 20 mW, and then the EUT is not need to conduct SAR measurement.
More details please refer to ED170717031R.