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TECHNICAL REPORT

Report No: EMC2003020-04
File Reference No: 2020-03-17

Applicant:

Product: Bluetooth Speaker

Brand Name: N/A

Model No: P329.333, P329.335, P329.336, P329.337

Test Standards: EN 62479: 2010

Test Result: The health evaluation has been performed on the submitted samples and found in compliance with council RE Directive 2014/53/EU

Approved By:

Terry Tang

EMC Manager

Dated: March 17, 2020

Results appearing herein relate only to the sample tested
The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China

Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timeway-lab.com

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Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

Industry Canada (IC) —Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

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1. General Information

1.1 Notes

The test results of this report relate exclusively to the test item specified in 1.5. The TIMEWAY Lab does not assume Responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written approval of the TIMEWAY Lab.

1.2 Testing Laboratory

SHENZHEN TIMEWAY TESTING LABORATORIES.

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China

Tel: +86 755 83448688 Fax :+86 755 83442996

Internet: www.timeway-lab.com

Site on File With the Federal Communications and Commission – United States

Registration Number: 744189

For 3m Anechoic Chamber

Site Listed with Industry Canada of Ottawa, Canada

Registration Number: IC: 5205A

For 3m Anechoic Chamber

1.3 Details of Applicant

1. 4 Application Details

Date of Receipt of Application: March 05, 2020

Date of Receipt of Test Item: March 05, 2020

Date of Test: March 05, 2020~ March 17, 2020

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1.5 Test Item

Name: Richen Industrial Co., Ltd.

Address: Rm.1688, Building A, Bantian International Center, No.5 Huancheng South Street, Longgang, Shenzhen,China

Brand Name: N/A

Model No.: S156S

Additional Model No.: P329.333, P329.335, P329.336, P329.337

Additional Brand Name: N/A

Description: Bluetooth Speaker

Additional Information

Frequency: 2402-2480MHz for Bluetooth

Number of Channels: 79 channels for Bluetooth EDR/BDR and 40 Channels for Bluetooth Low Energy (BLE)

Channel Spacing: 1MHz for Bluetooth EDR/BDR and 2MHz for Bluetooth Low Energy

Antenna Designation: PCB Antenna and the maximum Gain of this antenna is 0.58dBi;

Type of Modulation: Bluetooth: GFSK, Л/4DQPSK, 8DPSK

Extreme Temp. Tolerance: -20℃ to 40℃

Input: DC5V

Battery: DC 3.7V, 300mAh Li-ion battery

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According to EN 62479:2010

---- The justification for this criterion is that the most stringent basic restriction at frequencies between 10 MHz and 10 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.

20mW=13.01dBm

Bluetooth Mode:

Test Data

The EUT was tested EIRP: 3.93dBm ＜ 13.01dBm

Note: GFSK Modulation was the worst case.

Test Result:

The measurement results comply with the limit of EN 62479:2010.

Approved By	Reviewed By
Brown Lu, Engineering	EMC Manager
Name/title	Name/title

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