

RF Exposure Report

For

Applicant name: Migear International Group LLC
Address: 21 West 38th Street, 14th Floor New York, NY 10018
EUT name: MINI RETRO BLUETOOTH SPEAKER
Brand name: 2BOOM, FISHER, Crayola, BAUHN
Model number: BT110
Series model number: BT110K, BT110B, BT110P, BT110PP, FBT110, CBT110, BT112, FBT112, CBT112, SBT294
FCC ID: 2AIDL-BT110

Issued By

Company name: BTF Testing Lab (Shenzhen) Co., Ltd.
Address: 101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China

Report number: BTF250623R01002
Test standards: 47 CFR Part 2 Subpart J Section 2.1093
Test conclusion: Pass
Date of sample receipt: 2025-06-23
Test date: 2025-06-24 to 2025-06-26
Date of issue: 2025-06-30

Prepared by: *Chris Liu* **Approved by:**
Chris Liu/ Project engineer



Note: All the test results in this report only related to the testing samples. Which can be duplicated completely for the legal use with approval of applicant; it shall not be reproduced except in full without the written approval of BTF Testing Lab (Shenzhen) Co., Ltd. All the objections should be raised within thirty days from the date of issue. To validate the report, you can contact us.



Revision History		
Version	Issue Date	Revisions Content
R_V0	2025-06-30	Original
<i>Note:</i>	<i>Once the revision has been made, then previous versions reports are invalid.</i>	

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1. Introduction

1.1 Laboratory Location

Test location:	BTF Testing Lab (Shenzhen) Co., Ltd.
Address:	101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China
Phone number:	+86-0755-23146130
Fax number:	+86-0755-23146130

1.2 Laboratory Facility

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

- **FCC - Designation No.: CN1409**

BTF Testing Lab (Shenzhen) Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The test firm Registration No. is 518915.

- **CNAS - Registration No.: CNAS L17568**

BTF Testing Lab (Shenzhen) Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L17568.

- **A2LA - Registration No.: 6660.01**

BTF Testing Lab (Shenzhen) Co., Ltd. is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories.

1.3 Announcement

- (1) The test report reference to the report template version v0.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing, reviewing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) This document may not be altered or revised in any way unless done so by BTF and all revisions are duly noted in the revisions section.
- (5) 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.
- (6) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.
- (7) All entrusted information in this report is provided by the client and has been confirmed through consultation with the client. The testing items for this report have been discussed and confirmed with the client, and we are only responsible for the content reflected in the report.

2. Product Information

2.1 Application Information

Company Name:	Migear International Group LLC
Address:	21 West 38th Street, 14th Floor New York, NY 10018

2.2 Manufacturer Information

Company Name:	Dongguan Hongye Manufacture Co Ltd
Address:	Room 301, No.18, Xinyuan Street, Shijie Town, Dongguan, Guangdong, Dongguan, CN.

2.3 Factory Information

Company Name:	Dongguan Hongye Manufacture Co Ltd
Address:	Room 301, No.18, Xinyuan Street, Shijie Town, Dongguan, Guangdong, Dongguan, CN.

2.4 General Description of Equipment under Test (EUT)

EUT name	MINI RETRO BLUETOOTH SPEAKER
Under test model name	BT110
Series model name	BT110K, BT110B, BT110P, BT110PP, FBT110, CBT110, BT112, FBT112, CBT112, SBT294
Description of model name differentiation	The model name is different, the color is different, everything else is the same
Hardware Version	N/A
Software Version	N/A
Rating:	Rechargeable Li-ion polymer Battery DC 3.7V / 500mAh 1.85Wh Input: DC 5V From Power supply & DC3.7V From battery

3. Test Requirement

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$

Where

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

3.1 Assessment Result

Passed Not Applicable

Type	Frequency (MHz)	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
BT-EDR	2441	-7.08	-6.08	0.077	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.



Test Report Number: BTF250623R01002



BTF Testing Lab (Shenzhen) Co., Ltd.

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