


# FCC RF EXPOSURE REPORT

**FCC ID: 2A4ND-KY-2020D**

Test Report No.....: RF240926011-01-002  
Product(s) Name.....: 2.0 Channel Bluetooth Soundbar  
Model(s).....: KY-2023, KY-8000, KY-2020D  
Trade Mark.....: MZEIBO, Mocale, MEKOKA  
Applicant.....: JiangXi MeiDong Technology Co., Ltd.  
Address.....: No.1, Food Avenue, Jingshan Comprehensive District Shanggao  
Prefecture Industrial Park, Yichun city, Jiangxi Province, China  
Receipt Date.....: 2024.10.09  
Test Date.....: 2024.10.10~2024.10.22  
Issued Date.....: 2024.10.23  
Standards.....: FCC Guidelines for Human Exposure IEEE C95.1  
FCC Title 47 Part 2.1091  
KDB 447498 D01 General RF Exposure Guidance v06  
Testing Laboratory.....: Shenzhen Haiyun Standard Technical Co., Ltd.

Prepared By:	Checked By:	Approved By:	
Jason Huang	Tim Zhang	Misue Su	
<i>Jason Huang</i>	<i>Tim Zhang</i>	<i>Misue Su</i>	

## History of this test report

Original Report Issue Date: 2024.10.23

- ☒ No additional attachment
- ☐ Additional attachments were issued following record

Attachment No.	Issue Date	Description

## 1.. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

### Table for Filed Antenna

For BDR+EDR:

Antenna gain	Antenna Type
1.57dBi	PCB Antenna

## 2.. TEST RESULTS

Worst case as below

Operating Mode	Freq.	Maximum conducted output power	Directional Antenna Gain	Calculated maximum EIRP		MPE Limit	MPE Value
	(MHz)	(dBm)	(dBi)	(dBm)	(mW)	(mW/cm <sup>2</sup> )	
BDR+EDR	2402-2480	2.43	1.57	4.00	2.512	1	0.0005

Note: The calculated distance is 20 cm

Result: Complies

## Statement

1. The report is invalid without the official seal or special seal of Shenzhen Haiyun Standard Technology Co., Ltd. (hereinafter referred to as the unit).
2. The report is invalid without the signature of the approver.
3. The report is invalid if altered arbitrarily.
4. The report shall not be partially copied without the written approval of the unit.
5. The reported test results are only valid for the tested samples.
6. If there is any objection to the test report, it shall be submitted to the test unit within 15 days from the date of receiving the report, and the overdue shall not be accepted.

## Shenzhen Haiyun Standard Technology Co., Ltd.

Address: Room 110, 111, 112, 113, 115, 116, Block B, Jinyuan Business Building, No. 302, Xixiang Avenue, Labor Community, Xixiang Street, Baoan District, Shenzhen, China

Tel: 0755-26024411

Email: [service@hy-lab.cn](mailto:service@hy-lab.cn)

---

(END OF REPORT)