



## TEST REPORT

**Application No.:** BTEK240308013AE  
**Applicant:** V0  
**Address of Applicant:** Jiang Su Yisin Tech Co., Ltd  
**Manufacturer:** Rm. 103, Bldg. 1, No. 10, Wenzhou Rd., ETDZ, Shuyang County, Suqian, Jiangsu, CN  
**Address of Manufacturer:** Jiang Su Yisin Tech Co., Ltd  
**Factory:** Rm. 103, Bldg. 1, No. 10, Wenzhou Rd., ETDZ, Shuyang County, Suqian, Jiangsu, CN  
**Address of Factory:** Rayson Technology (SZ)Co., Ltd.  
**Equipment Under Test (EUT):**  
**EUT Name:** TX Microphone  
**Model No.:** AMP10  
**Trade Mark:** MoerLab  
**Standard(s) :** 47 CFR Part 2 Subpart J Section 2.1093  
**Date of Receipt:** 2024-03-08  
**Date of Test:** 2024-03-08 to 2024-03-27  
**Date of Issue:** 2024-04-01


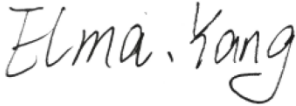
<b>Test Result:</b>	<b>Pass*</b>
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\* In the configuration tested, the EUT complied with the standards specified above.

Damon Su  
EMC Laboratory Manager



Revision Record				
Version	Chapter	Date	Modifier	Remark
V0		2024-04-01		Original

Authorized for issue by:				
				
		<hr/>		
		Carl Yang /Project Engineer		
				
		<hr/>		
		Elma Yang /Reviewer		



## 2 Contents

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## General Information

### 3.1 Details of E.U.T.

Power supply:	DC 4.35V/3.8V from battery or recharge by USB port
Cable(s):	/
For Bluetooth	
Frequency Range:	2402MHz to 2480MHz
Bluetooth Version:	V5.0 Classic
	This test report is for classic mode.
Spectrum Spread Technology:	Frequency Hopping Spread Spectrum(FHSS)
Hopping Channel Type:	Adaptive Frequency Hopping systems
Modulation Type:	GFSK, $\pi/4$ DQPSK, 8DPSK
Number of Channels:	79
Sample Type:	Portable device
Antenna Type:	Chip Antenna
Antenna Gain:	2.66dBi
For BLE	
Frequency Range:	2402MHz to 2480MHz
Bluetooth Version:	V5.0 Classic
Modulation Type:	GFSK
Number of Channels:	40
Sample Type:	Portable device
Antenna Type:	Chip Antenna
Antenna Gain:	2.66dBi
Remark: The information in this section is provided by the applicant or manufacturer, BANTEK is not liable to the accuracy, suitability, reliability or/and integrity of the information.	

### 3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
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The EUT has been tested as an independent unit.			



### 3.3 Test Location

All tests were performed at:

Shenzhen BANTEK Testing Co., Ltd.,

A5&A6, Building B1&B2, No.45 Gangtuo Road, Bogang Community, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518103

Tel:0755-2334 4200

Fax: 0755-2334 4200

FCC Registration Number: 264293

Designation Number: CN1356

No tests were sub-contracted.

### 3.4 Deviation from Standards

None

### 3.5 Abnormalities from Standard Conditions

None



## 4 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(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  $\leq 50$  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.

### 4.1 Assessment Result

Passed  Not Applicable

Type	Frequency (MHz)	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
BT-EDR	2480	3.20	4	0.78	3.0	Pass
BT-BLE	2480	3.85	4	0.78	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

