

FCC TEST REPORT

Report No.....: AB26080204FW05
FCC ID.....: **2BYGM-R03L**
Applicant.....: FN-LINK TECHNOLOGY LIMITED
Address.....: No.8, Litong Road, Liuyang Economic & Technical
Manufacturer.....: FN-LINK TECHNOLOGY LIMITED
Address.....: No.8, Litong Road, Liuyang Economic & Technical
Product Name.....: AI Voice Recorder
Trade Mark.....: RecNote
Test Model.....: R03L
Additional Model(s).....: R03A, R03B, R03C, R03M, R03N
Standard.....: FCC 47 CFR §1.1310;FCC 47 CFR §2.1093
KDB 447498 D01 General RF Exposure Guidance v06
Date of Receipt.....: 2026.08.14
Date of Issue.....: 2026.09.17
Test Result.....: Pass

Compiled by: Huaijie Li
(Printed Name + Signature)

Huaijie Li

Supervised by: David Huang
(Printed Name + Signature)

David Huang

Approved by: Jay Liu
(Printed Name + Signature)

Jay Liu

Testing Laboratory Name.....: Aibo Standard Technology (Shenzhen) Co., Ltd.

Address.....: 101, Building B, Tuori New Energy Industrial Park, High-tech Park,
Tianliao Community, Yutang Street, Guangming District, Shenzhen
City, Guangdong Province, China

This test report may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product endorsement by Aibo. The test results in the report only apply to the tested sample. The test report shall be invalid without all the signatures of testing engineers, reviewer and approver. Any objections must be raised to Aibo within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit. The test report merely correspond to the test sample.

FCC TEST REPORT

EUT.....	: AI Voice Recorder
Test Model.....	: R03L
Applicant.....	: FN-LINK TECHNOLOGY LIMITED
Address.....	: No.8, Litong Road, Liuyang Economic & Technical
Manufacturer.....	: FN-LINK TECHNOLOGY LIMITED
Address.....	: No.8, Litong Road, Liuyang Economic & Technical

Test Result	Positive
--------------------	-----------------

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

REPORT VERSION

Version No.	Issue Date	Description
01	2026.09.17	Initial Issue

TABLE OF CONTENTS

1. GENERAL INFORMATION	5
1.1. GENERAL DESCRIPTION OF EUT	5
1.2. DESCRIPTION OF TEST FACILITY	7
2. RF EXPOSURE EVALUATION	8
2.1 LIMIT	8
2.2 EVALUATION RESULT	9
2.3 CONCLUSION	9

1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

Product Name	AI Voice Recorder
Trade Mark	RecNote
Model/Type Reference	R03L
Listed Model(s)	R03A, R03B, R03C, R03M, R03N
Model Difference	All models are the same circuit and RF module, except the model name and colors.
Hardware Version:	V1.0
Software Version:	/
Power Supply:	DC 5V/1A
EUT Supports Function: (Provided by the customer)	2.4GHz ISM Bands
Radio Specification Subject to this Report	
Bluetooth Version:	Bluetooth LE
Frequency Range:	2402MHz~2480MHz
Modulation Type:	GFSK
Channel Spacing:	2MHz
Channel Number(s):	40
Antenna Type:	FPC Antenna
Antenna Gain:	4dBi
Radio Specification Subject to this Report	
Bluetooth Version:	Bluetooth BDR + EDR
Frequency Range:	2402MHz~2480MHz
Modulation Type:	GFSK, $\pi/4$ DQPSK, 8DPSK
Channel Spacing:	1MHz
Channel Number(s):	79
Antenna Type:	FPC Antenna
Antenna Gain:	4dBi
Radio Specification Subject to this Report	
Radio Specification:	IEEE 802.11b/g/n/ax
Frequency Range:	2412MHz~2462MHz for IEEE 802.11b/g/n(HT20)/ax(HE20)
Modulation Type:	IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11n(HT20): OFDM (64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11ax(HE20): OFDMA (1024-QAM, 256-QAM, 64-QAM, 16-QAM, QPSK, BPSK)
Channel Spacing:	5MHz
Channel Number(s):	11 Channels for IEEE 802.11b/g/n(HT20)/ax(HE20)
Antenna Type:	FPC Antenna
Antenna Gain:	4dBi

Radio Specification Subject to this Report		
Radio Specification:	IEEE 802.11a/n/ac/ax	
Frequency Range:	5180MHz~5240MHz for U-NII Band1 5260MHz~5320MHz for U-NII Band2A 5500MHz~5700MHz for U-NII Band2C 5745MHz~5825MHz for U-NII Band3	
Modulation Type:	IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11ac: OFDM(256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ax: OFDMA(1024QAM,256QAM, 64QAM, 16QAM, QPSK, BPSK)	
Channel Spacing:	IEEE 802.11a/n(HT20)/ac(VHT20)/ax(HE20): 20MHz	
Channel Number(s):	U-NII Band1: 4 for IEEE 802.11a/n(HT20)/ac(VHT20)/ax(HE20) U-NII Band2A: 4 for IEEE 802.11a/n(HT20)/ac(VHT20)/ax(HE20) U-NII Band2C: 11 for IEEE 802.11a/n(HT20)/ac(VHT20)/ax(HE20) U-NII Band3: 5 for IEEE 802.11a/n(HT20)/ac(VHT20)/ax(HE20)	
Antenna Type:	FPC Antenna	
Antenna Gain:	U-NII Band1:	-1.51dBi
	U-NII Band2A:	-1.51dBi
	U-NII Band2C:	-1.14dBi
	U-NII Band3:	-1.14dBi
TPC Function:	Not Support	
DFS Function:	Slave without radar detection	

1.2. DESCRIPTION OF TEST FACILITY

Test Lab: Aibo Standard Technology (Shenzhen) Co., Ltd.

Address: 101, Building B, Tuori New Energy Industrial Park, High-tech Park, Tianliao Community, Yutang Street, Guangming District, Shenzhen City, Guangdong Province, China

Tel.: +86 755 85250797

E-mail: aibo@aibonorm.com

Website: www.aibonorm.com

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

A2LA-Lab Certificate No.: 7514.01

Aibo Standard Technology (Shenzhen) Co., Ltd. has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC Accredited Lab.

Designation Number: CN1411

Test Firm Registration Number: 567066

ISED Wireless Device Testing Laboratories

CAB identifier: CN0185

Company Number: 33924

2. RF EXPOSURE EVALUATION

2.1 Limit

According to KDB447498 D01 General RF Exposure Guidance v06 Section 4.3.1 Standalone SAR test exclusion considerations: “Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition, listed below, is satisfied. These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions.²² The minimum test separation distance is determined by the smallest distance from the antenna and radiating structures or outer surface of the device, according to the host form factor, exposure conditions and platform requirements, to any part of the body or extremity of a user or bystander (see 5) of section 4.1). To qualify for SAR test exclusion, the test separation distances applied must be fully explained and justified by the operating configurations and exposure conditions of the transmitter and applicable host platform requirements, typically in the SAR measurement or SAR analysis report, according to the required published RF exposure KDB procedures. When no other RF exposure testing or reporting is required, a statement of justification and compliance must be included in the equipment approval, in lieu of the SAR report, to qualify for the SAR test exclusion. When required, the device specific conditions described in the other published RF exposure KDB procedures must be satisfied before applying these SAR test exclusion provisions; for example, handheld PTT two-way radios, handsets, laptops & tablets etc.²³ “

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f} \text{ (GHz)}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where:}$$

- f (GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

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 5) in section 4.1 is applied to determine SAR test exclusion.

2.2 Evaluation Result

Band/ Mode	f (MHz)	Evaluation Distance (mm)	RF Output Power (dBm)	Tolerance (dBm)	Max Tune-up Power(dBm)	Max. Tune-up Power(mW)	Calc. thresholds	SAR Test Exclusion Threshold
BT	2402	5	1.1	1(±1)	2.0	1.58	0.4912658	3.0
BLE	2480	5	1.01	1(±1)	2.0	1.58	0.4991785	3.0
2.4G WiFi	2412	5	5.97	5(±1)	6.0	3.98	1.2365698	3.0
5.1G WiFi	5180	5	5.87	5(±1)	6.0	3.98	1.8121531	3.0
5.2G WiFi	5320	5	5.65	5(±1)	6.0	3.98	1.8364783	3.0
5.6G WiFi	5700	5	5.98	5(±1)	6.0	3.98	1.9009357	3.0
5.8G WiFi	5745	5	5.82	5(±1)	6.0	3.98	1.9084246	3.0

Results for transmit simultaneously

No.	Configurations	Maximum Calc. thresholds		Transmit simultaneously	Limit
1	BT+ 2.4G WIFI	0.4991785	1.2365698	1.7357483	3.0
2	BT+ 5G WIFI	0.4991785	1.9084246	2.4076031	3.0

2.3 Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1093 for the uncontrolled RF Exposure and SAR Exclusion Threshold per KDB 447498 D01 v06. No SAR test is required.

*****THE END*****