

SAR Exemption Evaluation Report

Applicant Fujian Ronghao Fitness Equipment Co., Ltd
FCC ID 2A45X-U3
Product massage chair
Model U3; U6; U7; U40; U50
Report No. EFTA26070007-IE-03-S1
Issue Date September 15, 2026

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **KDB 447498 D01 General RF Exposure Guidance v06**. The test results show that the equipment tested can demonstrate compliance with the requirements as documented in this report.

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Version	Revision Description	Issue Date
Rev.0	Initial issue of report.	August 14, 2026
Rev.1	Updated data. Updated information.	September 15, 2026
Note: This revised report (Report No.: EFTA26070007-IE-03-S1) supersedes and replaces the previously issued report (Report No.: EFTA26070007-IE-03-M1). Please discard or destroy the previously issued report and dispose of it accordingly.		

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1 Test Laboratory

1.1 Notes of the Test Report

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1.2 Test Facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

1.3 Testing Location

Company: Eurofins TA Technology (Shanghai) Co., Ltd.
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2 Description of Equipment Under Test

Client Information

Applicant	Fujian Ronghao Fitness Equipment Co., Ltd
Applicant address	No. 672 Xueyuan Road, Wangjiling Industrial Zone, Fu'an City, Fujian Province
Manufacturer	Fujian Ronghao Fitness Equipment Co., Ltd
Manufacturer address	No. 672 Xueyuan Road, Wangjiling Industrial Zone, Fu'an City, Fujian Province

General Technologies

EUT Description			
Model	U3; U6; U7; U40; U50		
Lab Internal SN	260708-01-003		
Hardware Version	Main Board: V2.2; Bluetooth: V2.3		
Software Version	Main Board: V1.0; Bluetooth: Rev2.0		
Frequency	Band	TX (MHz)	RX (MHz)
	Bluetooth	2402~2480	2402~2480
Date of Testing	July 23, 2026 ~ July 28, 2026		
Date of Sample Received	July 1, 2026		
Note:			
1. The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.			
2. All indications of Pass/Fail in this report are opinions expressed by Eurofins TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.			

The customer declares that models U3; U6; U7; U40; U50, and U50 differ only in appearance, size, and model name and are otherwise identical.

Wireless Technology and Frequency Range

Wireless Technology		Modulation	Operating Mode	Tx (MHz)
Bluetooth	2.4G	BR/EDR		2402 ~2480

3 Evaluation Standard

KDB 447498 D01 General RF Exposure Guidance v06

4 Maximum Tune up Tolerance and Output Power

BT	Conducted Power(dBm)			Tune-up (dBm)
	Channel/Frequency(MHz)			
	Ch 0/2402 MHz	Ch 39/2441 MHz	Ch 78/2480 MHz	
GFSK	-1.17	-0.08	-0.09	2.0
π/4DQPSK	-0.75	0.24	0.32	2.0
8DPSK	-0.46	0.50	0.54	2.0

5 Standalone SAR Test Exclusion Considerations

Per KDB 447498 D01, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

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

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Per KDB 447498 D01, when the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Band	Configuration	Frequency (MHz)	Distance (mm)	MAX Power (dBm)	Calculation Value	SAR test exclusion thresholds	Routine Evaluation
Bluetooth	Body SAR	2480	0	2.0	0.5	3	No
	Extremity SAR	2480	0	2.0	0.5	7.5	No

Note:

1. As described above, according to KDB 447498 D01, if the calculated result is less than or equal to 3.0 for 1-g SAR and less than or equal to 7.5 for 10-g extremity SAR, the device is exempt from SAR testing.
2. Calculation Value = $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$.
3. Based on SAR test exclusion, all values meet the SAR test exclusion thresholds and are exempt from routine evaluation.

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

*****END OF REPORT *****