

TEST REPORT

For RF Expose

Report No..... : CHTW26065083

Project No : SHT2603105404W

FCC ID : 2BV2EYOUKEY-QX

Applicant's name : Wuhan Youkey Bio-Medical Electronics Co., Ltd.

Address..... : 2nd Floor, Dingxin Industry Park, Jiayuan Road East Lake
Development Zone Wuhan 430000 CHINA

Product Name..... : Pocket Ultrasound System

Trade Mark..... : -

Model No..... : Q70

Listed Model(s) : Q31, Q32, Q33, Q34, Q35, Q36, Q37, Q38, Q39,
Q39L (Sono-Key), Q80, Q51, Q52, Q53, D80, Q7, MylabPocket

Standard : **FCC Part 2 (Section 2.1093)**

Date of receipt of test sample..... : 2026/4/23

Date of testing..... : 2026/4/23-2026/7/15

Date of issue..... : 2026/7/17

Result..... : **Pass**



Compiled by (Position+Printed name+Signature) :	File administrator	Xiaodong Zhao	<i>Xiaodong Zhao</i>
Supervised by (Position+Printed name+Signature) :	Project Engineer	Kiki Kong	<i>Kiki Kong</i>
Approved by (Position+Printed name+Signature) :	RF Manager	Xu Yang	<i>Xu Yang</i>

Testing Laboratory Name : **Shenzhen Huatongwei International Inspection Co., Ltd.**

Address..... : Building 7, Baiwang Idea Factory, No.1051, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong, China

Test Report Form No. : R0066

Test Report Form(s) Originator : Shenzhen Huatongwei International Inspection Co., Ltd.

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1. TEST STANDARDS AND REPORT VERSION

1.1. Test standards

The tests were performed according to following standards:

[FCC Part 2 \(Section 2.1093\)](#)- Radiofrequency radiation exposure evaluation: portable devices.
[KDB 447498 D04 Interim General RF Exposure Guidance v01](#)- RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices
[FCC Part 1 \(Section 1.1307\)](#)- Actions that may have a significant environmental effect, for which Environmental Assessments (EAs) must be prepared.

1.2. Report version information

Revision No.	Date of issue	Description
N/A	2026-07-17	Original

2. SUMMARY

2.1. Client Information

Applicant:	Wuhan Youkey Bio-Medical Electronics Co., Ltd.
Address:	2nd Floor, Dingxin Industry Park, Jiayuan Road East Lake Development Zone Wuhan 430000 CHINA
Manufacturer:	Wuhan Youkey Bio-Medical Electronics Co., Ltd.
Address:	2nd Floor, Dingxin Industry Park, Jiayuan Road East Lake Development Zone Wuhan 430000 CHINA

2.2. Product Description

Product Name:	Pocket Ultrasound System
Trade Mark:	-
Model No.:	Q70
Listed Model(s):	Q31,Q32,Q33,Q34,Q35,Q36,Q37,Q38,Q39, Q39L (Sono-Key),Q80,Q51,Q52,Q53,D80,Q7,MylabPocket
Power supply:	DC 7.6V from Battery
Hardware version:	PCB A 1000 MB 300 0
Software version:	V2.0.9

2.3. Radio Specification Description

WIFI-2.4GHz Band	
Supported type:	☒ 802.11b ☒ 802.11g ☒ 802.11n ☐ 802.11ax
WIFI-5GHz Band	
Operation Band:	☒ 5.15~5.25GHz band ☐ 5.25~5.35GHz band ☐ 5.47~5.725GHz band ☐ 5.725~5.85GHz band
Supported type:	☒ 802.11a ☒ 802.11n ☐ 802.11ac ☐ 802.11ax

Note: Please refer to RF report for detailed technical specifications

2.4. Testing Laboratory Information

Laboratory Name	Shenzhen Huatongwei International Inspection Co., Ltd.
Laboratory Location	Building 7, Baiwang Idea Factory, No.1051, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong, China
Contact information:	Tel: 400-963-0755 E-mail: cs@szhtw.com.cn http://www.szhtw.com.cn

3. RF EXPOSURE

LIMIT:

KDB447498 D04 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 ≤ 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.

TEST RESULT

☒ **Passed** ☐ **Not Applicable**

Radio Type	Frequency range (MHz)	Channel (MHz)	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
2.4G WiFi	2412-2462	2437	7.22	7.50	1.7557	3.00	Pass
5G WiFi	5150~5250	5240	4.39	4.50	1.2903	3.00	Pass

Note:

- 1) The maximum antenna gain is 3dBi (2.4G WiFi) and 3.3dBi (2.4G WiFi)
- 2) The exposure evaluation safety distance is 5mm.

-----End of Report-----