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CNAS L5785

TEST REPORT

Report No. : CQASZ20260701387E-02
Applicant: Guangdong Youhong Medical Technology Co., Ltd
Address of Applicant: Room 902, Building 6, No. 4 Information Road, Songshanhu District, Dongguan, Guangdong, China
Equipment Under Test (EUT):
EUT Name: Smart Health Band
Model No.: V1S
Test Model No.: V1S
Brand Name: N/A
FCC ID: 2BTDQ-V1S2
47 CFR Part 1.1307
Standards: 47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-07-07
Date of Test: 2026-07-07 to 2026-07-20
Date of Issue: 2026-07-23
Test Result : **PASS**

Tested By:

Lewis Zhou

(**Lewis Zhou**)

Reviewed By:

Timo Lei

(**Timo Lei**)

Approved By:

Jack Ai

(**Jack Ai**)



The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.

1. Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20260701387E-02	Rev.01	Initial report	2026-07-23

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3. General Information

4. Client Information

Applicant:	Guangdong Youhong Medical Technology Co., Ltd
Address of Applicant:	Room 902, Building 6, No. 4 Information Road, Songshanhu District, Dongguan, Guangdong, China
Manufacturer:	Guangdong Youhong Medical Technology Co., Ltd
Address of Manufacturer:	Unit 2, Building 4, No. 3 Nanshan Road, Songshanhu District, Dongguan, Guangdong, China
Factory:	Guangdong Youhong Medical Technology Co., Ltd
Address of Factory:	Room 902, Building 6, No. 4 Information Road, Songshanhu District, Dongguan, Guangdong, China

5. General Description of EUT

Product Name:	Smart Health Band
Model No.:	V1S
Test Model No.:	V1S
Trade Mark:	N/A
Software Version:	2208A V021_1
Hardware Version:	2208A2_V1.1
Modulation Type:	GFSK
Transfer Rate:	1Mbps
Number of Channel:	40
Antenna Type:	Chip antenna
Antenna Gain:	2.71dBi
Product Type:	☐ Mobile ☒ Portable
Power Supply:	Li-ion battery DC 3.7V 95mAh, Charge by DC 5V for adapter

RF Exposure Evaluation

RF Exposure Compliance Requirement

Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

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 Exclusion Threshold condition, listed below, is satisfied.

Limits

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:

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

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

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 is applied to determine SAR test exclusion

EUT RF Exposure

1) For BLE

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	-3.91	-4±1	-3	0.501
Middle(2440MHz)	-2.79	-2.5±1	-1.5	0.708
Highest(2480MHz)	-4.60	-4.5±1	-3.5	0.447

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	0.501	0.155	3.0
Middle (2440MHz)	0.708	0.221	
Highest (2480MHz)	0.447	0.141	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260701387E-01