



Shenzhen Huaxia Testing Technology Co., Ltd.

SHENZHEN HUAXIA TESTING TECHNOLOGY CO., LTD 102A, 102B, Building 2, Shanghenglang New Industrial Zone, Shanghenglang Community, Dalang Street, Longhua District, Shenzhen, Guangdong, People's Republic of China, 518000

Telephone: +86-755-26648640

Fax: +86-755-26648637

Website: www.cqa-cert.com

Report Template Version: V04

Report Template Revision Date: 2018-07-06

TEST REPORT

Report No. : CQASZ20260300432E-03
Applicant: DIGILINK GROUP CO., LTD.
Address of Applicant: 3th Floor, Block B3, HengFeng Industrial Park, Bao an district, Shen Zhen, China
Equipment Under Test (EUT):
EUT Name: Smart watch
Model No.: Cubitt HERO GEN4
Test Model No.: Cubitt HERO GEN4
Brand Name: Cubitt
FCC ID: 2AC76-HERO
47 CFR Part 1.1307
Standards: 47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-03-04
Date of Test: 2026-03-04 to 2026-03-12
Date of Issue: 2026-4-10
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
CQASZ20260300432E-03	Rev.01	Initial report	2026-4-10

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3. General Information

4. Client Information

Applicant:	DIGILINK GROUP CO., LTD.
Address of Applicant:	3th Floor, Block B3, HengFeng Industrial Park, Bao an district, Shen Zhen, China
Manufacturer:	DIGILINK GROUP CO., LTD.
Address of Manufacturer:	3th Floor, Block B3, HengFeng Industrial Park, Bao an district, Shen Zhen, China
Factory:	DIGILINK GROUP CO., LTD.
Address of Factory:	3th Floor, Block B3, HengFeng Industrial Park, Bao an district, Shen Zhen, China

5. General Description of EUT

Product Name:	Smart watch
Model No.:	Cubitt HERO GEN4
Test Model No.:	Cubitt HERO GEN4
Trade Mark:	Cubitt
Software Version:	911A-T9372-100
Hardware Version:	T9372V1.0
Power Supply:	Li-ion battery DC 3.8V 200mAh, Charge by DC 5V for adapter
Simultaneous Transmission	☒ Simultaneous TX is supported and evaluated in this report. ☐ Simultaneous TX is not supported.

6. General Description of BLE

Operation Frequency:	2402MHz~2480MHz
Modulation Type:	GFSK
Transfer Rate:	1Mbps/2Mbps
Number of Channel:	40
Module model:	Ap2t21f40E
Product Type:	☐ Mobile ☒ Portable
Antenna Type:	Chip antenna
Antenna Gain:	4.3dBi

7. General Description of BLE

Operation Frequency:	2402MHz~2480MHz
Modulation Type:	GFSK
Transfer Rate:	1Mbps/2Mbps
Number of Channel:	40
Module model:	RTL8773EWE
Product Type:	☐ Mobile ☒ Portable

Antenna Type:	internal antenna
Antenna Gain:	-7.13Bi

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(Ap2t21f40E)

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	-1.05	-1.0±1	0	1.00
Middle(2440MHz)	-0.35	0±1	1.0	1.26
Highest(2480MHz)	-0.85	-0.5±1	0.5	1.12

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	1.00	1.000	3.0
Middle (2440MHz)	1.26	1.259	
Highest (2480MHz)	1.12	1.122	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260300432E-01

2) For BLE(RTL8773EWE)

Measurement Data

Worst case: GFSK				
Test Channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2402MHz)	1.60	2.0±1	3	2.00
Middle(2440MHz)	2.46	2.5±1	3.5	2.24
Highest(2480MHz)	1.76	2.0±1	3	2.00

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	1.995	0.618	3.0
Middle (2440MHz)	2.239	0.700	
Highest (2480MHz)	1.995	0.628	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260300432E-02

Simultaneous transmission:

SAR Exclusion Threshold=

$[(\text{max. power of channel, including tune-up tolerance, mW}) /$

$(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$

BLE(Ap2t21f40E)+BLE(RTL8773EWE):

$= [(1.26\text{mW}/5\text{mm}) \cdot (\sqrt{2.44\text{GHz}/7.5})] / 1.6\text{W/kg} + [(2.239\text{mW}/5\text{mm}/7.5) \cdot (\sqrt{2.44\text{GHz}/7.5})] / 1.6\text{W/kg}$

$= 0.09 \leq 1$