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TEST REPORT

Report No. : CQASZ20260801799E-02
Applicant: Dongguan Huikang Intelligent Technology Co., Ltd.
Address of Applicant: Room 101, No. 3, Humen Nanxin Road, Humen Town, Dongguan City,
Guangdong Province
Equipment Under Test (EUT):
EUT Name: smart ring
Model No.: TK60, F50, F60, F80, F90, F100, F200, F300, TK80, TK90, TK100, C50, C60,
C80, C90, C100
Test Model No.: TK60
Brand Name: N/A
FCC ID: 2BPUV-TK60
47 CFR Part 1.1307
Standards: 47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-08-18
Date of Test: 2026-08-18 to 2026-08-28
Date of Issue: 2026-9-10
Test Result : **PASS**

Tested By: Azir Wang
(Azir Wang)

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
CQASZ20260801799E-02	Rev.01	Initial report	2026-9-10

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3. General Information

4. Client Information

Applicant:	Dongguan Huikang Intelligent Technology Co., Ltd.
Address of Applicant:	Room 101, No. 3, Humen Nanxin Road, Humen Town, Dongguan City, Guangdong Province
Manufacturer:	Dongguan Huikang Intelligent Technology Co., Ltd.
Address of Manufacturer:	Room 101, No. 3, Humen Nanxin Road, Humen Town, Dongguan City, Guangdong Province
Factory:	Dongguan Huikang Intelligent Technology Co., Ltd.
Address of Factory:	Room 101, No. 3, Humen Nanxin Road, Humen Town, Dongguan City, Guangdong Province

5. General Description of EUT

Product Name:	smart ring
Model No.:	TK60, F50, F60, F80, F90, F100, F200, F300, TK80, TK90, TK100, C50, C60, C80, C90, C100
Test Model No.:	TK60
Trade Mark:	N/A
Software Version:	08
Hardware Version:	V1.4
Modulation Type:	GFSK
Transfer Rate:	1Mbps/2Mbps
Number of Channel:	40
Antenna Type:	Ceramic antenna
Antenna Gain:	0.98dBi
Product Type:	☐ Mobile ☒ Portable
Power Supply:	Ring: Li-ion battery: DC 3.7V 18mAh, Charge by DC 3.7V for Charging box

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)	0.11	0±1	1	1.259
Middle(2440MHz)	-0.41	-0.5±1	0.5	1.122
Highest(2480MHz)	-0.20	0±1	1	1.259

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest (2402MHz)	1.259	0.390	3.0
Middle (2440MHz)	1.122	0.351	
Highest (2480MHz)	1.259	0.397	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260801799E-01

*** END OF REPORT ***