



TEST REPORT

For RF Expose

Report No..... : CHTW26065055

Project No : SHT2604036502W

FCC ID : 2BCYW05

Applicant's name : Shenzhen H&T Intelligent Control Co.,Ltd

Address..... : H&T Industrial Park, No 18 BaoShan Road, Tianliao Community,
Guangming New District, Shenzhen, Guangdong, China

Product Name : Remote control

Trade Mark..... : -

Model No..... : THM3302

Listed Model(s) : THM3301

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

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

Date of testing..... : 2026/4/23- 2026/6/12

Date of issue..... : 2026/6/15

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



CHTW26065055

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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

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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	2026-06-15	Original

2. SUMMARY

2.1. Client Information

Applicant:	Shenzhen H&T Intelligent Control Co.,Ltd
Address:	H&T Industrial Park, No 18 BaoShan Road, Tianliao Community, Guangming New District, Shenzhen, Guangdong, China
Manufacturer:	Shenzhen H&T Intelligent Control Company, Ltd.
Address:	H&T Industrial Park, No.18 BaoShan Road, Tianliao Community, Guangming new district, Shenzhen, Guangdong, 518132
Factor:	H&T Intelligent Control (Vietnam) Co, Ltd
Address:	Steel structure workshop No. 35, Plot CN8 and C-24 belong to land lot CN10, An Duong Industrial Park, Hong Phong Commune, An Duong District, Hai Phong City

2.2. Product Description

Product Name:	Remote control
Trade Mark:	-
Model No.:	THM3302
Listed Model(s):	THM3301
Power supply:	DC 12.0V from Battery
Hardware version:	V02
Software version:	V01

2.3. Radio Specification Description

Operation frequency:	303.875MHz
Modulation:	OOK
Channel number:	1
Antenna type:	PCB Antenna

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

LIMITS:

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

a) For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$

for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, 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 result is rounded to one decimal place for comparison

-The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

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.

b) For 100 MHz to 6 GHz and test separation distances > 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following (also illustrated in Appendix B):

1) $\{[\text{Power allowed at numeric threshold for 50 mm in step a)}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot (f(\text{MHz})/150)]\}$ mW, for 100 MHz to 1500 MHz

2) $\{[\text{Power allowed at numeric threshold for 50 mm in step a)}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot 10]\}$ mW, for > 1500 MHz and ≤ 6 GHz

c) For frequencies below 100 MHz, the following may be considered for SAR test exclusion (also illustrated in Appendix C):

1) For test separation distances > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by $[1 + \log(100/f(\text{MHz}))]$

2) For test separation distances ≤ 50 mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$

3) SAR measurement procedures are not established below 100 MHz.

When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any SAR test results below 100 MHz to be acceptable.

TEST RESULT

☒ **Passed** ☐ **Not Applicable**

Test Frequency	H-field strength (dBuV/m)	H-field strength (dBm)	H-field strength (mW)	Limit (mW)	Result
303.875MHz	86.89	-8.31	0.15	3.0	Pass

Note:

- 1) The exposure evaluation safety distance is 5mm.
- 2) $(\text{dBm}) = E(\text{dBuV/m}) + 20 \log(d) - 104.77 = E(\text{dBuV/m}) - 95.2$

--- End of Report ---