

EMF TEST REPORT

Test Report No. : OT-254-RWD-017

Reception No. : 2403001087

Applicant : Charmcare Co.,Ltd.

Address : (Gasan-dong, Woolim Lions2-cha), 714, 2, Gasandigital1-ro, Guemcheon-gu, Seoul,

South Korea

Manufacturer : Charmcare Co.,Ltd.

Address : (Gasan-dong, Woolim Lions2-cha), 714, 2, Gasandigital1-ro, Guemcheon-gu, Seoul,

South Korea

Type of Equipment : Automated electronic sphygmomanometer

FCC ID. : 2AUYU-4A02

Model Name : H2-BP

Multiple Model Name: H2-BPL, H2-BPS

Serial number : N/A

Total page of Report : 6 pages (including this page)

Date of Incoming : August 20, 2024

Date of issue : April 15, 2025

SUMMARY

The equipment complies with the regulation; FCC 47 CFR Part 1, 1.1310

This test report only contains the result of a single test of the sample supplied for the examination.

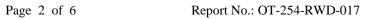
It is not a generally valid assessment of the features of the respective products of the mass-production.

This report is not correlated with the "KS Q ISO/IEC 17025 and KOLAS accreditation" of Korean Laboratory Accreditation Scheme.

Tested by Yun-Bok, Wi / Project Engineer ONETECH Corp.

Reviewed by Tae-Ho, Kim / Chief Engineer ONETECH Corp. Approved by Jae-Ho, Lee / Director ONETECH Corp.

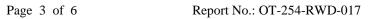
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Revision History

| Rev. No. | Issue Report No. Issued Date | | Revisions | Section Affected |
|----------|-------------------------------|--|-----------------|------------------|
| 0 | OT-254-RWD-017 April 15, 2025 | | Initial Release | All |
| | | | | |
| | | | | |



Report No.: OT-254-RWD-017



1. VERIFICATION OF COMPLIANCE

Applicant : Charmcare Co.,Ltd.

Address : (Gasan-dong, Woolim Lions2-cha), 714, 2, Gasandigital1-ro, Guemcheon-gu, Seoul, South Korea

Contact Person: DongHwa, Lee / CEO Telephone No.: +82-70-4742-7878

FCC ID : 2AUYU-4A02

Model Name : H2-BP

Brand Name : Serial Number : N/A

| Serial Name 1.1/11 | | | |
|--|---|--|--|
| EQUIPMENT CLASS | DTS – DIGITAL TRNSMISSION SYSTEM | | |
| E.U.T. DESCRIPTION | Automated electronic sphygmomanometer | | |
| THIS REPORT CONCERNS | Original Grant | | |
| MEASUREMENT PROCEDURES | KDB 447498 D01 General RF Exposure Guidance v06 | | |
| TYPE OF EQUIPMENT TESTED | Pre-Production | | |
| KIND OF EQUIPMENT AUTHORIZATION REQUESTED | Certification | | |
| Modifications on the Equipment to Achieve Compliance | None | | |

^{-.} The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

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2. GENERAL INFORMATION

2.1 Product Description

The Charmcare Co.,Ltd., Model H2-BP (referred to as the EUT in this report) is a Automated electronic sphygmomanometer. The product specification described herein was obtained from product data sheet or user's manual.

| DEVICE TYPE | Automated electronic sphygmomanometer | | |
|---|---------------------------------------|--|--|
| OPERATING FREQUENCY | 2 402 MHz ~ 2 480 MHz | | |
| MODULATION TYPE | GFSK | | |
| RF OUTPUT POWER | -3.09 dBm | | |
| NUMBER OF CHANNEL | 40 Channel | | |
| ANTENNA TYPE | PCB Antenna | | |
| ANTENNA GAIN | -2.87 dBi | | |
| Electrical Rating | DC 3.7 V | | |
| List of each Osc. or crystal Freq.(Freq. >= 1 MHz) | 32 MHz | | |

2.2 Alternative type(s)/model(s); also covered by this test report.

-. The following lists consist of the added model and their differences.

| Model Name | Differences | Tested |
|----------------|--|--------|
| H2-BP | Basic Model | Ø |
| H2-BPL, H2-BPS | This model is identical to the basic model except for the difference of the length of the wrist strap. | |

Note: 1. Applicant consigns only basic model to test. Therefore this test report just guarantees the units, which have been tested.

2. The Applicant/manufacturer is responsible for the compliance of all variants.

3. EUT MODIFICATIONS

-. None

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OTC-TRF-RF-001(0)

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4. RF EXPOSURE EVALUATION

4.1 RF Exposure Calculation

According to the FCC rule §4.3. General SAR test exclusion guidance, the limit for 1-g and 10-g SAR test exclusion thresholds are ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR by the device operating 100 MHz to 6 GHz and test separation distances ≤ 50 mm

4.2 EUT Description

| The state of the s | | | | |
|--|---------------------------------------|--|--|--|
| Kind of EUT | Automated electronic sphygmomanometer | | | |
| | ■ Portable (< 20 cm separation) | | | |
| Device Category | ☐ Mobile (> 20 cm separation) | | | |
| | □ Others | | | |
| | □ MPE | | | |
| Exposure | □ SAR | | | |
| Evaluation Applied | ■ N/A | | | |

4.3 Test Result

According to the procedure, KDB 447498 D01, the standalone SAR test exclusion threshold is $[(Max.\ Power\ of\ channel,\ including\ tune-up\ tolerance,\ mW)/(Min.\ test\ separation\ distance,\ mm)]\ X\ [\ \sqrt{\ f(GHz)}] < 3.0$ $= [(0.32/5)]\ X\ \sqrt{\ 2.480} = 0.101$

4.3.1 Test data for Bluetooth LE

| Frequency (MHz) | Target Power W/tolerance (dBm) | Max tune up power (dBm) | Antenna Gain (dBi) | E.I.R.P power (dBm) | E.I.R.P power (mW) | Separation distance (mm) | RF exposure |
|--------------------|--------------------------------|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------------|----------------|
| 2 480.00 | -3.09 ± 1.0 | -2.09 | -2.87 | -4.96 | 0.32 | 5 | 0.101 |