



MRT Technology (Taiwan) Co., Ltd  
Phone: +886-3-3288388  
Fax: +886-3-3288918  
Web: [www.mrt-cert.com](http://www.mrt-cert.com)

Report No.: 2006TW8605-U3  
Report Version: 1.0  
Issue Date: 2020-08-31

## RF Exposure Evaluation Declaration

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**FCC ID:** 2AT6SGSH822

**APPLICANT:** Golden Smart Home Technology Corp.

**Application Type:** Certification

**Product:** Wow Go Health Blood Pressure Monitor

**Model No.:** GSH822

**Trademark:** Wow Go Health

**FCC Rule Part(s):** Part 2.1093 (Portable)

**Test Procedure(s):** KDB 447498 D01v06

**Test Date:** July 29~30, 2020

**Reviewed By**

:

*Paddy Chen*

( Paddy Chen )



Testing Laboratory  
3261

**Approved By**

:

*Chenz Ker*

( Chenz Ker )

The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standards through the calibration of the equipment and evaluated measurement uncertainty herein.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Taiwan) Co., Ltd

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## Revision History

Report No.	Version	Description	Issue Date	Note
2006TW8605-U3	1.0	Original Report	2020-08-31	

## 1. PRODUCT INFORMATION

### 1.1. Equipment Description

Product Name	Wow Go Health Blood Pressure Monitor
Model No.	GSH822
Trademark	Wow Go Health
Bluetooth Specification	Bluetooth Mode: V4.0 LE
Operating Frequency	2402~2480MHz
Type of modulation	GFSK

### 1.2. Antenna Description

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	N/A	N/A	PCB	-0.8dBi

## 2. RF Exposure Evaluation

### 2.1. FCC Limits

According to FCC KDB 447498 Section 4.3 - General SAR test exclusion guidance

For 100 MHz to 6 GHz and test separation distances  $\leq 50$  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  $\leq 7.5$  for 10-g extremity SAR,

where

1.  $f(\text{GHz})$  is the RF channel transmit frequency in GHz
2. Power and distance are rounded to the nearest mW and mm before calculation
3. The result is rounded to one decimal place for comparison
4. 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  $\leq 50$  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.

## 2.2. Test Result of RF Exposure Evaluation

Mode	Frequency Band (MHz)	Average Output Power (dBm)	Output Power (mW)	FCC Extremity SAR Test Exclusion Threshold (mW)
BLE	2402~2480	-5	0.3	10

So, this device can complies the SAR test exclusion.

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