



RF Exposure Evaluation Declaration

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

:

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Approved By

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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

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 ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR,}$$

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 ≤ 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.

_____ The End _____