

## RF Exposure Evaluation Report

Product Name	Automatic Upper Arm Blood Pressure Monitor
Model No.	HL858CP
FCC ID	2ABTAHNL85CP

Applicant	Health & Life CO., LTD.
Address	9F., No.186, Jian Yi Road, Zhonghe District, New Taipei City, Taiwan

Date of Receipt	Oct. 22, 2018
Date of Declaration	Nov. 26, 2018
Report No.	18A0293R-SAUSP03V00

The test results relate only to the samples tested.

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

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.

Issued Date: Nov. 26, 2018

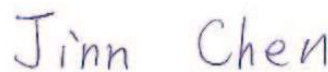
Report No.: 18A0293R-SAUSP03V00



Product Name	Automatic Upper Arm Blood Pressure Monitor
Applicant	Health & Life CO., LTD.
Address	9F., No.186, Jian Yi Road, Zhonghe District, New Taipei City, Taiwan
Manufacturer	Health & Life CO., LTD.
Address	9F., No.186, Jian Yi Road, Zhonghe District, New Taipei City, Taiwan
Name and address of factory (ies) :	#1 Health & Life (Suzhou) Co., Ltd. No.1428 Xiang Jiang Road, Suzhou New District, Suzhou City 215129, Jiangsu Province, China #2 LIVING SCIENCE CO., LTD. No.1428 Xiang Jiang Road, Suzhou New District Suzhou City 215129, Jiangsu Province, China
Model No.	HL858CP
FCC ID.	2ABTAHNL85CP
Trade Name	Health & Life
Applicable Standard	FCC 47 CFR 1.1307 KDB 447498 D01 v06
Test Result	Complied

Documented By

:



( Senior Adm. Specialist / Jinn Chen )

Tested By

:



( Senior Engineer / Wen Lee )

Approved By

:



( Director / Vincent Lin )

## 1. GENERAL INFORMATION

### 1.1. EUT Description

Product Name	Automatic Upper Arm Blood Pressure Monitor
Trade Name	Health & Life
Model No.	HL858CP
FCC ID.	2ABTAHNL85CP
Frequency Range	2402 – 2480MHz
Channel Number	V4.0: 40CH
Type of Modulation	V4.0: GFSK(1Mbps)
Antenna Type	PCB Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”

#### Antenna List

No.	Manufacturer	Model No.	Antenna Type	Peak Gain
1	SIGNAL ELECTRONICS CO., LTD.	SMD8105-A0X	PCB Antenna	-2.39556dBi for 2.4 GHz

## 2. RF Exposure Evaluation

### 2.1. Standard Applicable

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

### 2.2. Measurement Result:

According to KDB Publication 447498 D01, section 4.3.1, per the calculations of item 1 ( $\text{Power(mW)}/\text{separation (mm)} \cdot \sqrt{f(\text{GHz})} \leq 3.0$ ), SAR is required as shown in the table below where calculated values are greater than 3.0:

- 1.) Operation frequency = 2450MHz and antenna separation distance = 5mm,  
Body SAR Test Exclusion Threshold = 10mW

Frequency Band (MHz)	Maximum peak output power		Body SAR Test Exclusion Threshold	Calculated Threshold Value ( $\leq 3.0$ SAR is not required)
	conducted (dBm)	conducted (mW)	(mW)	
2402	-3.29	0.47	10	0.145

Note1: The SAR/MPE measurement is not necessary.

Note2: The conducted maximum peak output power is refer to report No.: 18A0293R-RFUSP01V00 from the DEKRA.