

RF EXPOSURE REPORT

FOR

Applicant	:	ShenZhen YiXing Technology Co., Ltd.
Address	:	Room 1206, C block, Zhantao Technology Building, Longhua District, Shenzhen, China
Equipment under Test	:	Smart Bracelet / Watch
Basic Model No.	:	NB-215
Additional Model Number(s)	:	WP-809, WP-810, WP-811, WP-812, WP-813, WP-815, WP-816, WP-817, WP-818, WP-819, WP-820, WP-821, WP-822, NB-202, NB-211, NB-212, NB-213, NB-216, NB-217, NB-218, NB-219, NB-220, NB-221, NB-222, NB-223, NB-225, NB-226, NB-227, NB-228, NB-229, NB-230, NB-301, NB-302, NB-303, NB-305, NB-306, NB-307, NB-308, NB-309, NB-310, NB-311, NB-312, NB-313, NB-315
Trade Mark	:	Careeach
FCC ID	:	2ANXZNB-215
Manufacturer	:	ShenZhen YiXing Technology Co., Ltd.
Address	:	Room 1206, C block, Zhantao Technology Building, Longhua District, Shenzhen, China

Issued By: Dongguan Dongdian Testing Service Co., Ltd.

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REPORT

TABLE OF CONTENTS

	Test report declares.....	3
1.	General information	5
1.1.	Description of Equipment.....	5
1.2.	Assess laboratory.....	5
2.	RF Exposure evaluation for FCC.....	5

TEST REPORT DECLARE

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Trade mark	:	Careeach
Manufacturer	:	ShenZhen YiXing Technology Co., Ltd.
Address	:	Room 1206, C block, Zhantao Technology Building, Longhua District, Shenzhen, China

Standard Used: KDB447498 D01 General RF Exposure Guidance v06

We Declare:

The equipment described above is assessed by Dongguan Dongdian Testing Service Co., Ltd and in the configuration assessed the equipment complied with the standards specified above. The assessed results are contained in this report and Dongguan Dongdian Testing Service Co., Ltd is assumed of full responsibility for the accuracy and completeness of these assess.

After evaluation, our opinion is that the equipment In Accordance with above standard.

Report No:	DDT-R19041537-1E7		
Date of Receipt:	Apr. 16, 2019	Date of Test:	Apr. 16, 2019 ~ Apr. 25, 2019

Prepared By:

Sam Li

Sam Li/Engineer

Approved By:



Damon Hu/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Dongguan Dongdian Testing Service Co., Ltd.

Revision history

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Apr. 30, 2019	

1. General information

1.1. Description of Equipment

EUT* Name	: Smart Bracelet / Watch
Model Number	: NB-215
Additional Model Number(s)	: WP-809, WP-810, WP-811, WP-812, WP-813, WP-815, WP-816, WP-817, WP-818, WP-819, WP-820, WP-821, WP-822, NB-202, NB-211, NB-212, NB-213, NB-216, NB-217, NB-218, NB-219, NB-220, NB-221, NB-222, NB-223, NB-225, NB-226, NB-227, NB-228, NB-229, NB-230, NB-301, NB-302, NB-303, NB-305, NB-306, NB-307, NB-308, NB-309, NB-310, NB-311, NB-312, NB-313, NB-315
Difference of model number	: The Circuit, PCB Layout, Electrical Parts and Outlook of all additional models are identical to the basic model, therefore the test performed on the basic model NB-215.
EUT function description	: Please reference user manual of this device
Power supply	: DC 5V from external AC Adapter : DC 3.7V Polymer Li-ion built-in battery
Radio Specification	: Bluetooth V4.2
Operation frequency	: 2402 MHz-2480 MHz
Modulation	: GFSK
Data rate	: 1Mbps
Antenna Type	: Chip antenna, maximum PK gain: 2.71 dBi
Sample Type	: Series production

1.2. Assess laboratory

Dongguan Dongdian Testing Service Co., Ltd.

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2. RF Exposure evaluation for FCC

According to 447498 D01 General RF Exposure Guidance v06

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

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

$f(\text{GHz})$ 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

Worse case is as below: [2480MHz, -5.49dBm 0.28mW) output power]

$(0.28/5) \cdot [\sqrt{2.480(\text{GHz})}] = 0.882 < 3.0$ for 1-g SAR

Then SAR evaluation is not required

END OF REPORT