TEST REPORT

Report No.:	BCTC2106095002-1E
Applicant:	Synergy Innovations Group Limited
Product Name:	Smart Watch
Model/Type Ref.:	SB1427H
Tested Date:	2021-06-03 to 2021-06-23
Issued Date:	2021-07-22

Shenzhen BCTC Testing Co., Ltd.

Product Name:	Smart Watch
Trademark:	Oplayer®
Model/Type Ref.:	SB1427H SB1427HZT, SB1427H-W, SB1427, SW78, SB1427HZ
Prepared For:	Synergy Innovations Group Limited
Address:	Units 18D-18E, Hanking Centre, 23 Deng Liang Road, Nanshan District, Shenzhen, Guangdong 518054, China
Manufacturer:	Synergy Innovations Group Limited
Address:	Units 18D-18E, Hanking Centre, 23 Deng Liang Road, Nanshan District, Shenzhen, Guangdong 518054, China
Prepared By:	Shenzhen BCTC Testing Co., Ltd.
Address:	1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Tangwei, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Sample Received Date:	2021-06-03
Sample tested Date:	2021-06-03 to 2021-06-2
Issue Date:	2021-07-22
Report No.:	BCTC2106095002-1E
Test Standards:	EN 62479:2010
Test Results:	PASS
Remark:	This is RED Health test report.

Tested by:

Lei Chen

Lei Chen/Project Handler

Approved by:

Zero Zhou/Reviewer

The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen BCTC Testing Co., Ltd, this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client.

TABLE OF CONTENT

(Note: N/A means not applicable)

1. VERSION

Report No.	Issue Date	Description	Approved
BCTC2106095002-1E	2021-07-22	Original	Valid

2. PRODUCT INFORMATION AND TEST SETUP

2.1 Product Information

Model/Type Ref.:	SB1427H SB1427HZT, SB1427H-W, SB1427, SW78, SB1427HZ
Model differences:	All the model are the same circuit and RF module, except model names and color.
Hardware Version:	N/A
Software Version:	N/A

Operation Frequency:	Bluetooth(EDR): 2402MHz-2480MHz Bluetooth(BLE): 2402MHz-2480MHz
Max. RF output power:	Bluetooth(EDR):2.09 dBm Bluetooth (BLE):-0.67 dBm
Type of Modulation:	Bluetooth(EDR): GFSK, Pi/4 DQPSK, 8DPSK Bluetooth (BLE): GFSK
Antenna installation:	Internal antenna
Antenna Gain:	Bluetooth:0dBi
Ratings:	USB: DC5V Battery: DC3.7V

3. HEALTH REQUIREMENTS

3.1 Limits

According to Council Recommendation: the criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation.

Reference levels for electric, magnetic and electromagnetic fields (10MHz to 300GHz)
Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level Pmax.
Annex A contains example values for Pmax derived from existing exposure limits listed in the bibliography, such as the ICNIRP guidelines [1], IEEE Std C95.1-1999 [2], and IEEE Std C95.1-2005 [3].
For wireless devices operated close to a person's body with available antenna powers and/or average total radiated powers higher than the Pmax values given in Annex A, the alternative Pmax values (called Pmax′), described in Annex B can also be used.

For low power equipment using pulsed signals, other limits may apply in addition to those considered in Annex A and Annex B. Both ICNIRP guidelines [1] and IEEE standards [2], [3] have specific restrictions on exposures to pulsed fields, and the requirements of those standards with respect to exposure to pulses shall be met. Annex C discusses this topic further.

Exposure tier	Region of body	Exclusion level Pmax
General public	Head and trunk	20mW(13dBm)
General public	Limbs	40mW(16dBm)

3.2 Exposure Evaluation

Mode	The worst e.i.r.p. (dBm)	Pmax(dBm)	Result
Bluetooth Classic(EDR)	2.09	13	PASS
Remark: 1, Refer to RF test report for e.i.r.p. 2, After performed the test at low/middle/high channel, the record is the worst.			

Mode	The worst e.i.r.p. (dBm)	Pmax(dBm)	Result
Bluetooth Classic(BLE)	-0.67	13	PASS
Remark: 1, Refer to RF test report for e.i.r.p. 2, After performed the test at low/middle/high channel, the record is the worst.			

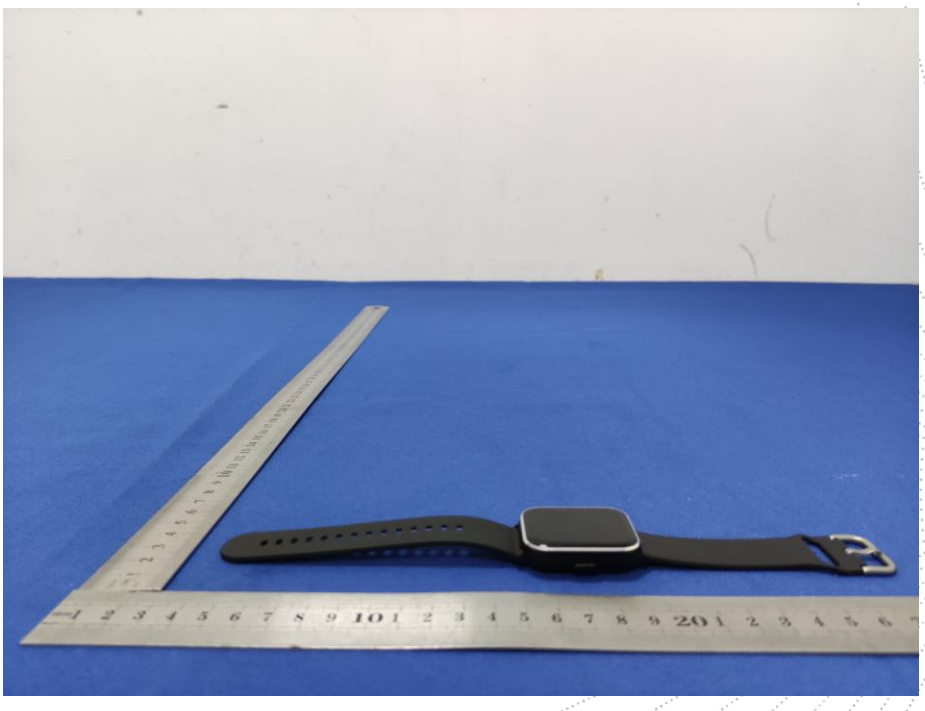
4. EUT PHOTOGRAPHS

EUT Photo 1

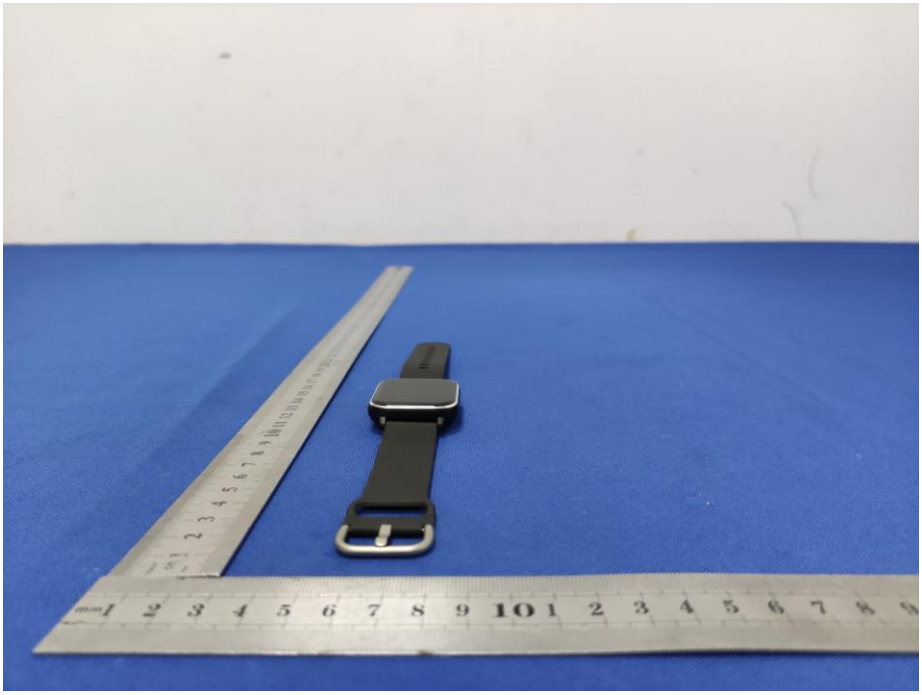
EUT Photo 2

EUT Photo 3

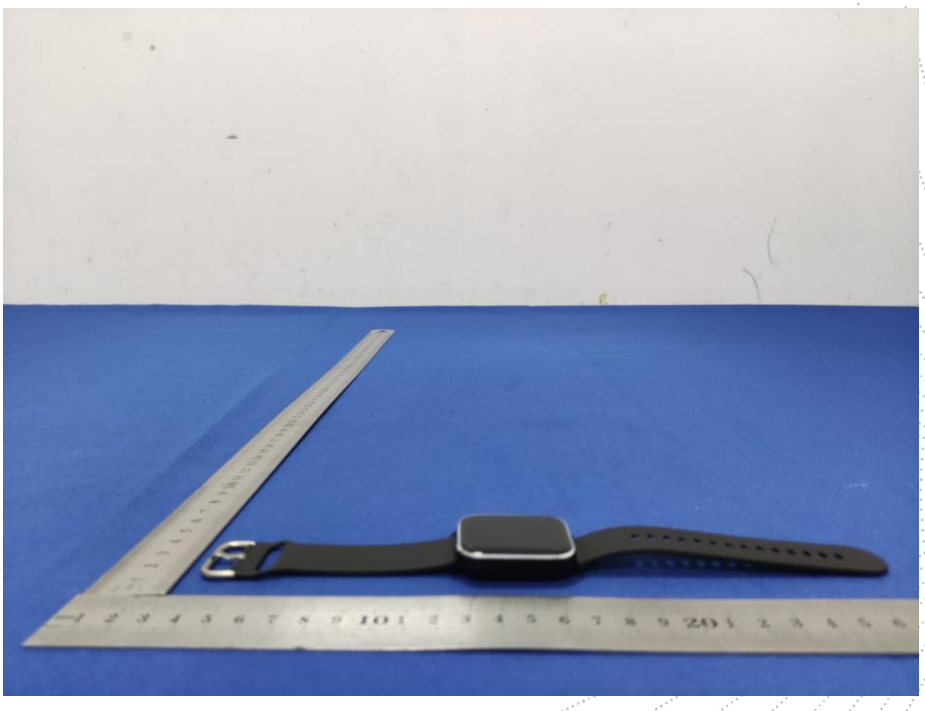
EUT Photo 4



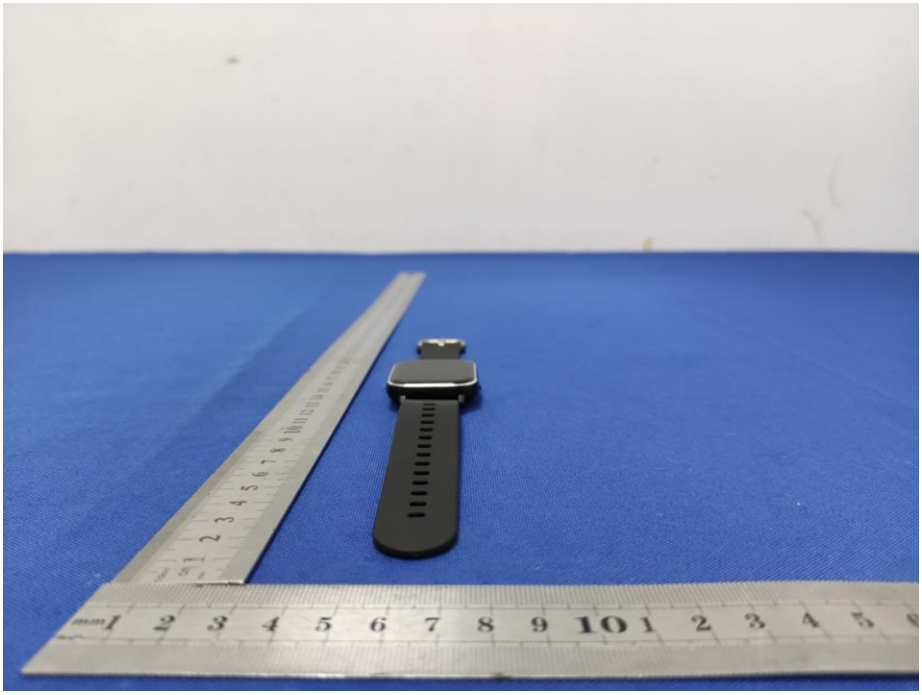
EUT Photo 5



EUT Photo 6



EUT Photo 7



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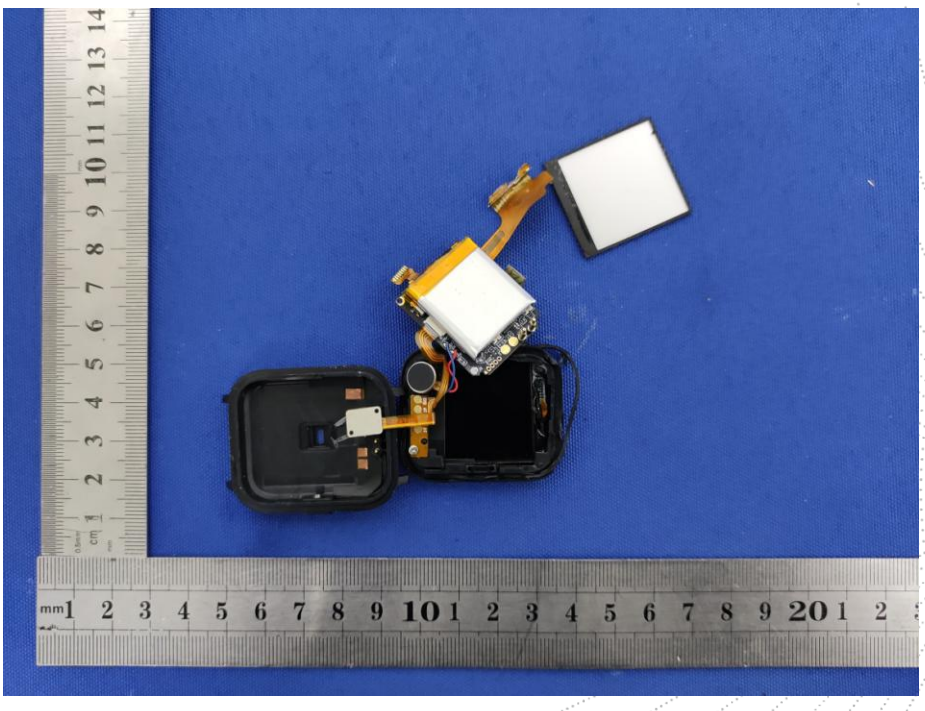
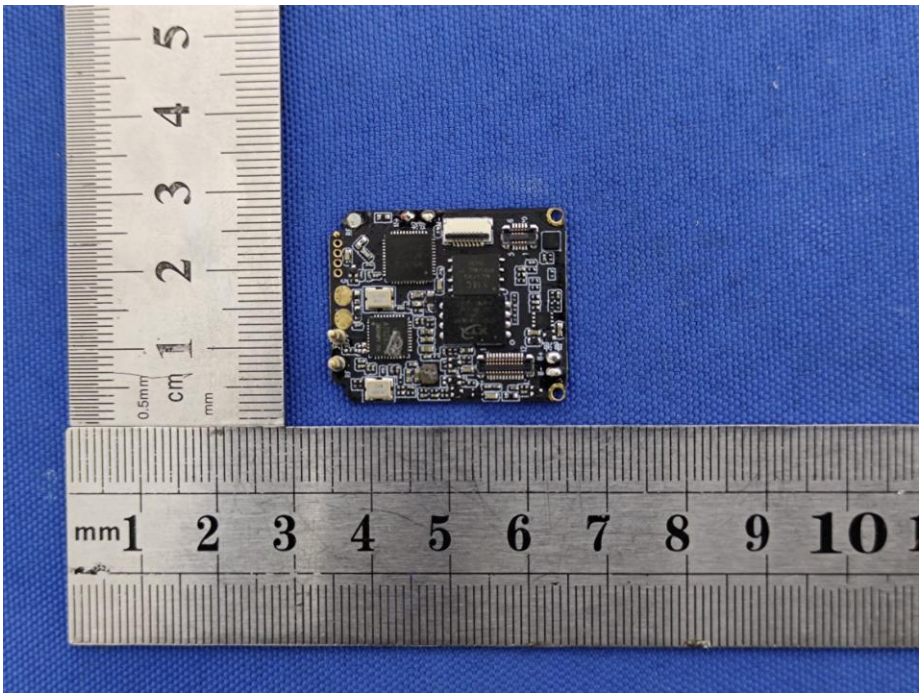


EUT Photo 9



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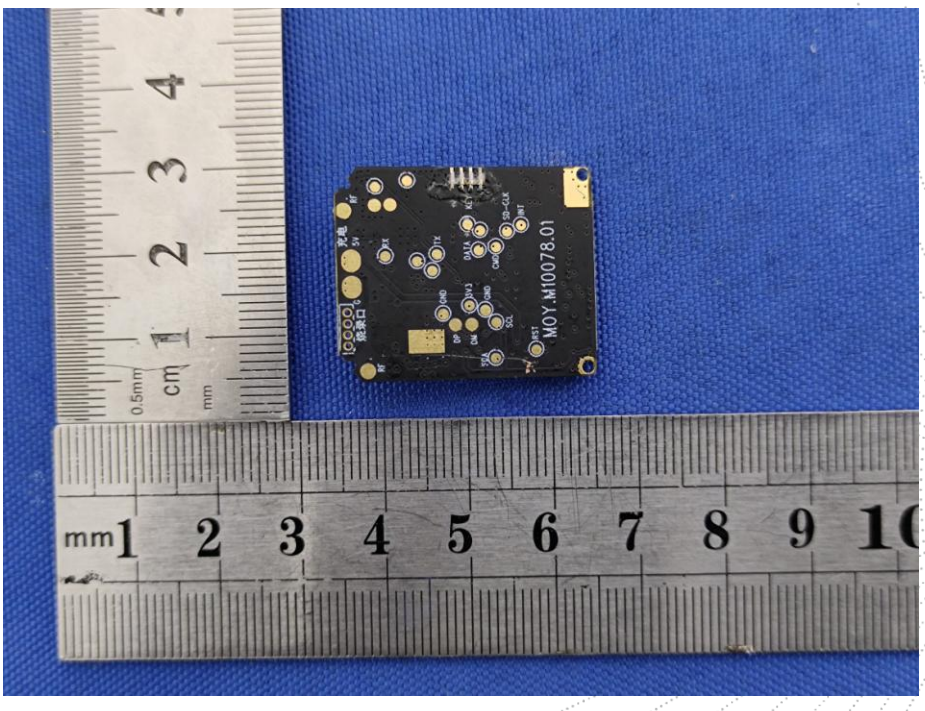
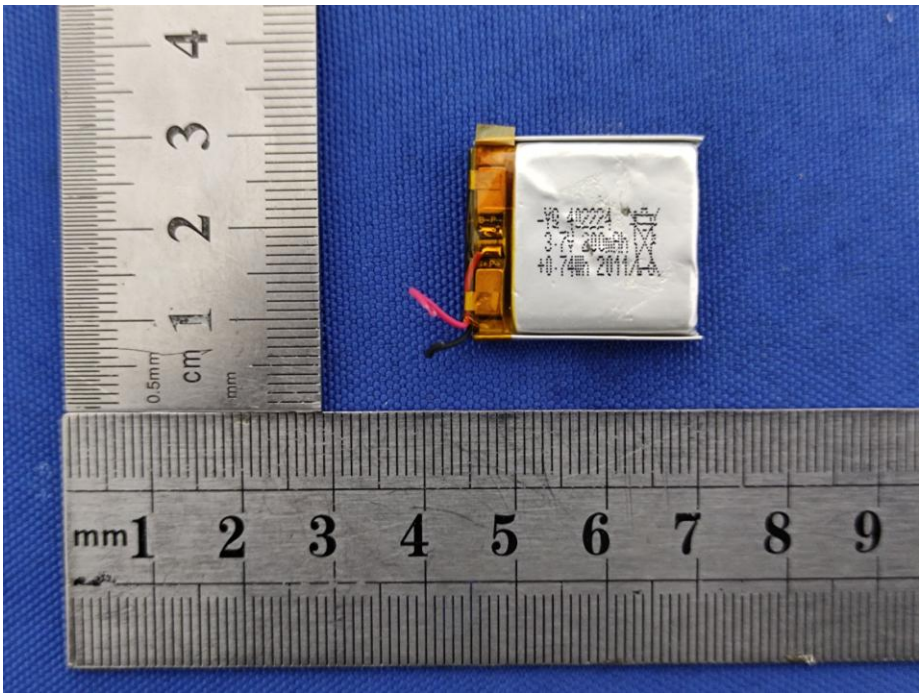


EUT Photo 11



STATEMENT

1.The equipment lists are traceable to the national reference standards.

2.The test report can not be partially copied unless prior written approval is issued from our lab.

3.The test report is invalid without stamp of laboratory.

4.The test report is invalid without signature of person(s) testing and authorizing.

5.The test process and test result is only related to the Unit Under Test.

6.The quality system of our laboratory is in accordance with ISO/IEC17025.

7.If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

Address:
1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Tangwei, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

TEL：400-788-9558

P.C.: 518103

FAX：0755-33229357

Website：http://www.chnbctc.com

E-Mail：bctc@bctc-lab.com.cn

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