

## HEALTH TEST REPORT

For

Smart Watch

Test Model: DW-007FIT+

Additional Model NO.: DW-009Fit+, DW-010Fit+, DW-011Fit+, DW-012Fit+, DW-013Fit+

Prepared for :  
Address :

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.  
Address : 1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue,  
Bao'an District, Shenzhen, Guangdong, China  
Tel : (+86)755-82591330  
Fax : (+86)755-82591332  
Web : www.LCS-cert.com  
Mail : webmaster@LCS-cert.com

Date of receipt of test sample : May 24, 2016  
Number of tested samples : 1  
Serial number : Prototype  
Date of Test : May 24, 2016 - June 15, 2016  
Date of Report : June 15, 2016



**HEALTH TEST REPORT****EN 62479: 2010**

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz).

**Report Reference No. .... : LCS1605191769E**

Date of Issue ..... : June 15, 2016

**Testing Laboratory Name ..... : Shenzhen LCS Compliance Testing Laboratory Ltd.**Address ..... : 1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue,  
Bao'an District, Shenzhen, Guangdong, ChinaTesting Location/ Procedure ..... : Full application of Harmonised standards ☒  
Partial application of Harmonised standards ☐  
Other standard testing method ☐**Applicant's Name..... :**

Address ..... :

**Test Specification**

Standard ..... : EN 62479: 2010

Test Report Form No. .... : LCSEMC-1.0

TRF Originator ..... : Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF ..... : Dated 2011-03

**Shenzhen LCS Compliance Testing Laboratory Ltd. All rights reserved.**

This publication may be reproduced in whole or in part for non-commercial purposes as long as the Shenzhen LCS Compliance Testing Laboratory Ltd. is acknowledged as copyright owner and source of the material. Shenzhen LCS Compliance Testing Laboratory Ltd. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

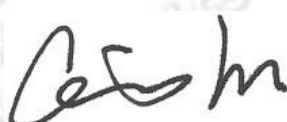
**Test Item Description. .... : Smart Watch**

Trade Mark ..... : N/A

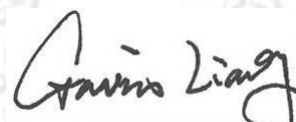
Test Model ..... : DW-007FIT+

Ratings ..... : DC 3.8V by Lithium ion polymer battery(100mAh)  
Recharged by DC 5V/120mA**Result ..... : Positive****Compiled by:****Supervised by:****Approved by:**

Dick Su / File administrators



Glin Lu/ Technique principal



Gavin Liang/ Manager

**HEALTH -- TEST REPORT****Test Report No. : LCS1605191769E**June 15, 2016  
Date of issue

Test Model..... : DW-007FIT+

EUT..... : Smart Watch

**Applicant..... :**

Address..... :

Telephone..... : /

Fax..... : /

**Manufacturer..... :**

Address..... :

Telephone..... : /

Fax..... : /

**Factory..... :**

Address..... :

Telephone..... : /

Fax..... : /

**Test Result****Positive**

The test report merely corresponds to the test sample.  
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

## Revision History

Revision	Issue Date	Revisions	Revised By
00	June 15, 2016	The First Issue	Gavin Liang



## 1. GENERAL INFORMATION

### 1.1. Product Description for Equipment Under Test (EUT)

EUT	: Smart Watch
Test Model	: DW-007FIT+
Power Supply	: DC 3.7V by Lithium ion polymer battery(100mAh) Recharged by DC 5V/120mA
Hardware Version	: V1.0
Software Version	: V1.0
Bluetooth	:
Frequency Range	: 2.402-2.480GHz
Channel Number	: 40 channels for Bluetooth V4.0 (DTS)
Channel Spacing	: 2MHz for Bluetooth V4.0 (DTS)
Modulation Type	: GFSK for Bluetooth V4.0 (DTS)
Bluetooth Version	: V4.0
Antenna Description	: FPC Antenna, 2.41dBi(Max.)

Additional models No.			
DW-009Fit+	DW-010Fit+	DW-011Fit+	DW-012Fit+
DW-013Fit+	--	--	--
Remark: PCB board, structure and internal of these model(s) are the same, So no additional models were tested.			

### 1.2. Objective

According to its specifications, the EUT must comply with the requirements of the following standards:  
EN 62479: 2010 –Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz).

### 1.3. Test Methodology

All measurements contained in this report were conducted with EN 62479: 2010.

#### 1.4. Description of Test Facility

CNAS Registration Number. is L4595.

FCC Registration Number. is 899208.

Industry Canada Registration Number. is 9642A-1.

VCCI Registration Number. is C-4260 and R-3804.

ESMD Registration Number. is ARCB0108.

UL Registration Number. is 100571-492.

TUV SUD Registration Number. is SCN1081.

TUV RH Registration Number. is UA 50296516-001

#### 1.5. Support equipment List

Manufacturer	Description	Model	Serial Number	Certificate
--	--	--	--	--

#### 1.6. External I/O

I/O Port Description	Quantity	Cable
--	--	--

#### 1.7. Equipment

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements. Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

#### 1.8. Measurement Uncertainty

Parameter	Uncertainty
Occupied Channel Bandwidth	5 %
RF output power, conducted	1,5 dB
Power Spectral Density, conducted	3 dB
Unwanted Emissions, conducted	3 dB
All emissions, radiated	6 dB
Temperature	1 °C
Humidity	5 %
DC and low frequency voltages	3 %
Time	5 %
Duty Cycle	5 %

## 2. HUMAN EXPOSURE TO THE ELECTROMAGNETIC FIELDS

### 2.1 Test Methodology

#### 2.1.1. General description of applied standards

According to its specifications, the EUT must comply with the requirements of the following standards:  
EN 62479- Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz).

#### 2.1.2. Description of test modes

The EUT has been tested under its typical operating condition. Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

### 2.2 Test limit

If the average power emitted by apparatus operating in the frequency range 10 MHz – 300GHz is less than or equal to 20 mW and the transmitting peak power is less than 20 W then the apparatus is deemed to comply with the basic restrictions without testing.

### 2.3 Test Results

Since Max. output power for Bluetooth is 1.15mW (0.59dBm According to radio test report LCS1605191745E ) less than 20mW specified in EN 62479. This unit will not generate the harmful EM emission above the reference level as specified in EC Council Recommendation (1999/519/EC).  
The unit complies with the EN 62479 for RF exposure requirement.

No non-compliance noted.

-----THE END OF REPORT-----