

HEALTH TEST REPORT
For
Decade Smart Technology Co., Ltd.
Bluetooth Smart Watch
Test Model: SN07

Prepared for : Decade Smart Technology Co., Ltd.
Address : Floor 3th, Building 5th, Haomai Hi-Tech Park , Huating Road, Dalang Zone, Longhua District, Shenzhen, China.

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
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Date of receipt of test sample : June 02, 2017
Number of tested samples : 1
Serial number : Prototype
Date of Test : June 12, 2017~June 16, 2017
Date of Report : June 26, 2017



EMC TEST REPORT**ETSI EN 301 489-17 V3.1.1(2017-02)**

ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU

Report Reference No. : **LCS170602004AE**

Date Of Issue : June 26, 2017

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, China

Testing Location/ Procedure..... : Full application of Harmonised standards ☒
 Partial application of Harmonised standards ☐
 Other standard testing method ☐

Applicant's Name..... : **Decade Smart Technology Co., Ltd**

Address : Floor 3th, 5th building, Haomai Hi-Tech park, Huating road, Dalang town, Longhua district, Shenzhen, China

Test Specification

Standard..... : ETSI EN 301 489-1 V2.1.1 (2017-02)
 ETSI EN 301 489-17 V3.1.1(2017-02)

Test Report Form No. : LCSEMC-1.0

TRF Originator : Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF : Dated 2017-02

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

Trade Mark : N/A

Test Model..... : SN07

Ratings..... : DC 3V by battery(600mAh)

Result : **Positive**

Compiled by:

Linda He

Linda He / File administrators

Supervised by:

Glin Lu

Glin Lu/ Technique principal

Approved by:



Gavin Liang/ Manager

HEALTH -- TEST REPORT**Test Report No. : LCS170602006AE**June 26, 2017
Date of issue

Type / Model..... : SN07

EUT..... : Bluetooth Smart Watch

Applicant..... : Decade Smart Technology Co., Ltd.Address..... : Floor 3th, Building 5th, Haomai Hi-Tech Park , Huating Road
Dalang Zone, Longhua District, Shenzhen, China.

Telephone..... : /

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Manufacturer..... : Decade Smart Technology Co., Ltd.Address..... : Floor 3th, Building 5th, Haomai Hi-Tech Park , Huating Road,
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Dalang Zone, Longhua District, Shenzhen, China.

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
000	June 26, 2017	Initial Issue	Gavin Liang

1. GENERAL INFORMATION

1.1. Product Description for Equipment Under Test (EUT)

EUT	: Bluetooth Smart Watch
Model Number	: SN07
Model Declaration	: /
Test Model	: SN07
Power Supply	: DC 3V by battery(600mAh)
Hardware Version	: SN07-V1.3
Software Version	: 2.5.6
Bluetooth	:
Frequency Range	: 2402.00-2480.00MHz
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	: Internal Antenna, 0.6dBi(Max.)

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.
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
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1.6. External I/O

I/O Port Description	Quantity	Cable
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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 Smart Watch is 1.486mW (1.72dBm According to radio test report LCS170602005AE) 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-----