



HEALTH TEST REPORT

For

Shenzhen Yale Electronics Co., Ltd

True wireless earbuds

Test Model: T36

Additional Model No.: Please Refer to Page 5

Prepared for : Shenzhen Yale Electronics Co., Ltd
Address : 4th Floor, Building 2, Yujingtai Industrial Park, Huaxing Road,
Dalang, Longhua New District, Shenzhen, China

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
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Date of receipt of test sample : January 11, 2024
Number of tested samples : 2
Serial number : Prototype
Date of Test : January 11, 2024 ~ January 17, 2024
Date of Report : January 18, 2024



**HEALTH TEST REPORT**
EN 62479: 2010 & EN 50663: 2017

Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz)

Report Reference No. : LCSA01024343EC

Date of Issue : January 18, 2024

Testing Laboratory Name : Shenzhen LCS Compliance Testing Laboratory Ltd.

Address : Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, 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 : Shenzhen Yale Electronics Co., Ltd

Address : 4th Floor, Building 2, Yujingtai Industrial Park, Huaxing Road, Dalang, Longhua New District, Shenzhen, China

Test Specification

Standard : EN 62479: 2010

EN 50663: 2017

Test Report Form No. : LCSEMC-1.0

TRF Originator : Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF : Dated 2011-03

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Test Item Description. : True wireless earbuds

Trade Mark : AWEI, IPIPOO

Test Model : T36

Ratings : Input: DC 5V, 200mA

Output: DC 5V, 60mA*2

Headset: DC 3.7V by Li-ion Battery(45mAh)

Charging Case: DC 3.7V By Li-ion Battery(300mAh)

Result : Positive

Compiled by:**Vera Deng Administrator****Supervised by:****Cary Luo/ Technique principal****Approved by:****Gavin Liang/ Manager**

Shenzhen LCS Compliance Testing Laboratory Ltd.

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HEALTH --TEST REPORT

Test Report No. : LCSA01024343ECJanuary 18, 2024
Date of issue

Test Model : T36

EUT..... : True wireless earbuds

Applicant..... : Shenzhen Yale Electronics Co., LtdAddress..... : 4th Floor, Building 2, Yujingtai Industrial Park, Huaxing
Road, Dalang, Longhua New District, Shenzhen, China

Telephone..... : /

Fax..... : /

Manufacturer..... : Shenzhen Yale Electronics Co., LtdAddress..... : 4th Floor, Building 2, Yujingtai Industrial Park, Huaxing
Road, Dalang, Longhua New District, Shenzhen, China

Telephone..... : /

Fax..... : /

Factory..... : Shenzhen Yale Electronics Co., LtdAddress..... : 4th Floor, Building 2, Yujingtai Industrial Park, Huaxing
Road, Dalang, Longhua New 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.



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Revision History

Report Version	Issue Date	Revision Content	Revised By
000	January 18, 2024	Initial Issue	--





1. GENERAL INFORMATION

1.1. Product Description for Equipment Under Test (EUT)

EUT : True wireless earbuds

Test Model : T36

Additional Model No. : T5,T6,T7,T9,T10,T11,T12,T13,T15,T16, T17, T18, T19, T20, T21, T22, T23, T25, T26, T27, T28, T29, T30, T31, T32, T33, T34, T35, T37, T38, T39, T40, T41, T45, T58, T59, T50, T51, T52, T53, T55, T61,T60,T62, T63, T64, T65, T66, T67, T68, T69, T70,T73, T71, T75, T76, T77, T78, T80, T81, T82, T83,T84,T86,T87,T88,T89,T90,T91,T92,T93,T94,T95,T96, T97,T98,T99,T100,T101,T102,T103,T104,T105,T106,T107, T108,T109,T110,T111,T112,T113,T114,T115,T116,T117,T118,T119,T120,T121,T122,T123,T124,T125,T126,T127,T128,T129,T130,T131,T132,T133,T134,T135,T136,T137,T138,T139,T400,T401,T402,T403,T404,T405,T406,T407,T408,T409,T410, T411,T412,T413,T414,T415,T416,T417,T418,T419,T420,T421,T422,T423,T424,T425,T426,T427,T428,T429,T430,T431,T432,T433,T434,T435,T436,T437,T438,T439,T440,T441,T442,T443,T444,T445,T446,T447,T448,T449,T450,T150,T151,T152, T153,T154,T155,T156,T157,T158,T159,T160,T161,T162,T163,T164,T165,T166,T167,T168,T169,T170,T171,T172,T173,T174,T175,T176,T177,T178,T179,T180,T181,T182,T183,T184,T185,T186,T187,T188,T189,T190,T191,T192,T193,T194,T195, T196,T197,T198,T199,T200,T10P,T12P,T12S, T15P, T1PRO, T26 PRO, T28 PRO, T29 PRO, T29P ,T52 PRO, T6 PRO, T36S, T11P, T28P, T13S, T13PRO, TP-1, TP-2, TP-3, TP-5, TP-6, TP-7, TP-8, TP-9, TP-10, TP-11, TP-12, TP-13, TP-16, TP-18,TP-19,TP-20,TP-21,TP-30,TP-35,TP-36,TP-37,TP-38, TP-60,TP-65,TP-77,TA1, TA2, TA3, TA4, TA5, TA6, TA7, TA8, TA9, TA10, T50 Pro,S1 Ultra,S1 Max ,S2 Ultra,S2 Max, S1 Pro ANC,T29ANC, T52ANC,T53ANC,T85 ENC,T90 ENC,T53 ENC, T50 ENC,T58ANC

Model Declaration : PCB board, structure and internal of these model(s) are the same, So no additional models were tested

Power Supply : Input: DC 5V, 200mA
Output: DC 5V, 60mA*2
Headset:DC 3.7V by Li-ion Battery(45mAh)
Charging Case: DC 3.7V By Li-ion Battery(300mAh)

Hardware Version : V1.0

Software Version : V1.0





Bluetooth	:	
Frequency Range	:	2402MHz~2480MHz
Channel Number	:	79 channels for Bluetooth V5.0 (BDR/EDR)
Channel Spacing	:	1MHz for Bluetooth V5.0 (BDR/EDR)
Modulation Type	:	GFSK, $\pi/4$ -DQPSK, 8-DPSK for Bluetooth V5.0 (BDR/EDR)
Bluetooth Version	:	V5.0
Antenna Description	:	Ceramic Antenna, 2.78dBi(Max.)





1.2. Objective

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)

EN 50663- Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz).

1.3. Test Methodology

All measurements contained in this report were conducted with EN 62479: 2010 and EN 50663: 2017.

1.4. Facilities

All measurement facilities used to collect the measurement data are located at Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China .

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 32.

1.5. Support Equipment List

Manufacturer	Description	Model	Serial Number	Certificate
SHENZHEN TIANYIN ELECTRONICS CO., LTD	Power Adapter	TPA-46050 200UU	--	CE

Note: Auxiliary equipment is provided by the laboratory.

1.6. External I/O

I/O Port Description	Quantity	Cable
Type-C USB Port	1	N/A



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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. Laboratory Accreditations And Listings

Site

Description

EMC Lab. : NVLAP Accreditation Code is 600167-0.
FCC Designation Number is CN5024.
CAB identifier is CN0071.
CNAS Registration Number is L4595.

Name of Firm : Shenzhen LCS Compliance Testing Laboratory Ltd.

Site Location : Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

1.9. Measurement Uncertainty

Test Item		Uncertainty
Radio Frequency	:	0.9×10^{-4}
Total RF Power, Conducted	:	1.0 dB
RF Power Density, Conducted	:	1.8 dB
Spurious Emissions, Conducted	:	1.8 dB
All Emissions, Radiated	:	3.1 dB
Temperature	:	0.5°C
Humidity	:	1 %
DC And Low Frequency Voltages	:	1 %



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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)

EN 50663- Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 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 mW then the apparatus is deemed to comply with the basic restrictions without testing.

2.3 Test Results

Since Max. output power for Bluetooth is 1.91mW (2.80dBm According to radio test report LCSA01024343EB) less than 20mW specified in EN 62479 and EN 50663. 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 and EN 50663 for RF exposure requirement.

No non-compliance noted.

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

