

## TEST REPORT

Product Name: TWS Earphone

Trademark: N/A

Model Number:

Prepared For:

Address:

Manufacturer:

Address:

Prepared By:

Address:

Sample Received Date: Aug. 30, 2019

Sample tested Date: Aug. 30, 2019 to Sep. 2, 2019

Issue Date: Sep. 2, 2019

Report No.: CTB190902038RHX

Test Standards EN 62479:2010

Test Results PASS

Remark: This is RED health test report.

Compiled by:

Victory

Reviewed by:

Rita Xiao

Approved by:

Sherwin Qian/ Director

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 CTB Testing Technology Co., Ltd. this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client.

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## 1. VERSION

Report No.	Issue Date	Description	Approved
CTB190902038RHX	Sep. 2, 2019	Original	Valid



## 2. GENERAL INFORMATION

### 2.1 Product Information

Model(s):	UTW-1003P
Model Description:	N/A
Hardware Version:	V1.0
Software Version:	V1.0
Operation Frequency:	Bluetooth: 2402-2480MHz
Max. RF output power:	Bluetooth: 6.09dBm
Type of Modulation:	Bluetooth: GFSK, $\pi/4$ DQPSK, 8DPSK
Antenna installation:	Bluetooth: Internal antenna
Antenna Gain:	Bluetooth: 1dBi
Ratings:	Battery DC 3.7V 35mAh DC 5V, 0.5A, charging from adapter

### 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 P<sub>max</sub>.

Annex A contains example values for P<sub>max</sub> 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 P<sub>max</sub> values given in Annex A, the alternative P<sub>max</sub> values (called P<sub>max</sub>'), 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 P <sub>max</sub>
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	6.09	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.			