

## **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: Issue Date: Sep. 2, 2019 Report No .: **Test Standards** EN 62479:2010 **Test Results** PASS Remark: Reviewed by:

Aug. 30, 2019 to Sep. 2, 2019 CTB190902038RHX This is RED health test report.

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# СТВ

## 1. VERSION

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

## 2. GENERAL INFORMATION

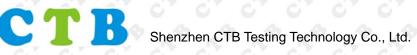
2.1 Product Information

Model(s):	
Model Description:	
Hardware Version:	
Software Version:	

UTW-1003P N/A V1.0 V1.0

**Operation Frequency:** Max. RF output power: Type of Modulation: Antenna installation: Antenna Gain: Ratings:

Bluetooth: 2402-2480MHz Bluetooth: 6.09dBm Bluetooth: GFSK, π/4 DQPSK, 8DPSK Bluetooth: Internal antenna Bluetooth: 1dBi 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 lowpower 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	6.09	13	PASS
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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.