



EMF ASSESSMENT REPORT

EN 62479:2010

Report Reference No.....: TZ190500709-EMF

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Date of issue.....: 2019/6/14

Testing Laboratory Name: Shenzhen Tongzhou Testing Co.,Ltd

Address: 1th Floor, Building 1, Haomai High-tech Park, Huating Road 387,
Dalang Street, Longhua, Shenzhen, China

Applicant's name

Address

Test specification

Standard: EN 62479:2010

TRF Originator: Shenzhen Tongzhou Testing Co.,Ltd

Master TRF.....: Dated 2012-06

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Test item description: Bluetooth Headphone

Trade Mark

Manufacturer

Model/Type reference.....:

Listed Models

Ratings: DC 3.7V by battery charged from adapter

Result.....: **PASS**



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EMF ASSESSMENT REPORT

Test Report No. :	TZ190500709-EMF	2019/6/14
		Date of issue

Equipment under Test : Bluetooth Headphone

Model /Type : H10

Listed Models : RH05

Applicant :

Address :

Manufacturer :

Address :

Test Result:	PASS
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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.



Report No.: TZ190500709-EMF

**** Modified History ****

Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	2019/6/14	Andy Zhang



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1. SUMMARY

1.1. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

○ - supplied by the manufacturer

● - supplied by the lab

1.2. NOTE

Function	Test Standards	Reference Report
EMF	EN 62479:2010	190500709-EMF
Bluetooth BDR+EDR	ETSI EN 300 328 V2.1.1 (2016-11)	190500709-EDR
EMC	Draft ETSI EN 301 489-1 V2.2.0 (2017-03) Draft ETSI EN 301 489-17 V3.2.0 (2017-03) EN 55032: 2015/EN 55035: 2017 EN 61000-3-2: 2014/EN 61000-3-3: 2013	190500709-RE



2. TEST ENVIRONMENT

2.1. Address of the test laboratory

Shenzhen Tongzhou Testing Co.,Ltd
1th Floor, Building 1, Haomai High-tech Park, Huating Road 387, Dalang Street, Longhua, Shenzhen, China
The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 (2014) and CISPR Publication 22.

2.2. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature: 15-35 ° C

Humidity: 30-60 %

Atmospheric pressure: 950-1050mbar

2.3. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 2 " and is documented in the Shenzhen Tongzhou Testing Co.,Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen Tongzhou Testing Co.,Ltd is reported:

Test Items	Measurement Uncertainty	Notes
Transmitter power conducted	0.57 dB	(1)

- (1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.



3. Method of measurement

3.1. Applicable Standard

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)

3.2. Limit

20mW (According to the table A.1)

Table A.1 – Example values of SAR-based P_{\max} for some cases described by ICNIRP, IEEE Std C95.1-1999 and IEEE Std C95.1-2005

Guideline / Standard	SAR limit, SAR_{\max} W/kg	Averaging mass, m g	P_{\max} mW	Exposure tier ^a	Region of body ^a
ICNIRP [1]	2	10	20	General public	Head and trunk
	4	10	40	General public	Limbs
	10	10	100	Occupational	Head and trunk
	20	10	200	Occupational	Limbs
IEEE Std C95.1-1999 [2]	1,6	1	1,6	Uncontrolled environment	Head, trunk, arms, legs
	4	10	40	Uncontrolled environment	Hands, wrists, feet and ankles
	8	1	8	Controlled environment	Head, trunk, arms, legs
	20	10	200	Controlled environment	Hands, wrists, feet and ankles
IEEE Std C95.1-2005 [3]	2	10	20	Action level	Body except extremities and pinnae
	4	10	40	Action level	Extremities and pinnae
	10	10	100	Controlled environment	Body except extremities and pinnae
	20	10	200	Controlled environment	Extremities and pinnae

^a Consult the appropriate standard for more information and definitions of terms.

4. Test Result

Type	Maximum EIRP (dBm)	Maximum Output power (mW)	Limit (mW)	Results
Bluetooth	2.28	1.69	20	PASS

.....End of Report.....