Microtest
微测检测

Test Report

Report No.: MTi190314E042-R1

Date of issue: May 05, 2019

Sample Description:	Fabric trend speaker
Model(s):	P328.21
Applicant:	
Address:	
Date of Test:	Mar. 01, 2019 – Mar. 15, 2019

Shenzhen Microtest Co., Ltd.
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This test report is the revision of the test report MTi190314E042, the original report is invalid
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Test Result Certification	
Applicant's name:	
Address:	
Manufacture's name:	
Address:	
Product name:	Fabric trend speaker
Trademark:	N/A
Model name:	P328.21
Series model:	N/A
Difference in series models:	N/A
Standards:	EN 62479: 2010

This device described above has been tested by Shenzhen Microtest Co., Ltd. and the test results show that the equipment under test (EUT) is in compliance with the Radio equipment directive requirements. And it is applicable only to the tested sample identified in the report.

Tested by: Orange Chen. Orange Chen Mar. 15, 2019

Reviewed by: Blue.Zheng Blue Zheng May 05, 2019

Approved by: Smith Chen Smith Chen May 05, 2019

1. General description

1.1 Feature of equipment under test (EUT)

Product name:	Fabric trend speaker
Model name:	P328.21
Power source:	DC 5V from adapter AC 230V/50Hz or DC 3.7V by battery
Antenna designation:	PCB antenna (Antenna Gain: -0.68dBi)
Battery:	DC 3.7V 300mAh
RF Specification:	
Bluetooth version:	V5.0
Tx/Rx frequency range:	Tx/Rx: 2402MHz~2480MHz

2. Testing site

Test laboratory:	Shenzhen Microtest Co., Ltd.
Laboratory location:	No.102A & 302A, East Block, Hengfang Industrial Park, Xingye Road, Xixiang, Bao'an District, Shenzhen, Guangdong, China
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3. EN 62479 requirement

3.1 General information

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).

Compliance of electromagnetic emissions from electronic and electrical equipment with the basic restrictions usually is determined by measurements and, in some cases, calculation of the exposure level. If the electrical power used by or radiated by the equipment is sufficiently low, the electromagnetic fields emitted will be incapable of producing exposures that exceed the basic restrictions. This standard provides simple EMF assessment procedures for this low power equipment.

Four routes described as follows, can be used to demonstrate compliance with this standard:

A Typical usage, installation and the physical characteristics of equipment make it inherently compliant with the applicable EMF exposure levels such as those listed in the bibliography. This low-power equipment includes unintentional (or non-intentional) radiators, for example incandescent light bulbs and audio/visual (A/V) equipment, information technology equipment (ITE) and multimedia equipment (MME) that does not contain radio transmitters.

NOTE Equipment is described as A/V equipment, ITE or MME if its main use is playback/recording of music, voice or images, or processing of digital information.

B The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level (P_{max}).

C The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level (P_{max}).

D Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level (P_{max}).

3.2 Limits

Low-power exclusion level (P_{max})

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_{max}.

Guideline / Standard	SAR limit, SAR_{max} W/kg	Averaging mass, m g	Pmax	Exposure tier	Region of body
IEEE Std C95.1-2005	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

3.3 Result

The Maximum EIRP of this EUT(Hosts) is **for BT: 0.90mW (-0.463dBm),** the power is below the low-power exclusion level 20mW, so we can suppose the EUT cannot produce exposures that exceed the restriction limit.

----END OF REPORT----