

TEST REPORT

ETSI EN62479:2010

Product	:	GEOMETRIC WIRELESS SPEAKER
Model Name	:	P326.24X
Brand	:	N/A
Report No.	:	PTCHX04161100303E-EM03
Prepared for		
Prepared by		
DongGuan Precise Testing Service Co.,Ltd.		
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TEST RESULT CERTIFICATION

Applicant's name :
Address :
Manufacture's name :
Address :
Product name : GEOMETRIC WIRELESS SPEAKER
Model name : P326.24X
Brand Name : N/A

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the RED 2014/53/EU requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test

Date (s) of performance of tests : Nov.02, 2016 ~ Nov.03, 2016

Date of Issue: Nov.04, 2016

Test Result: **Pass**

Tested By:

August Qiu

August Qiu / Engineer

Approved & Authorized Signer

Chris Du
Chris Du / Manager



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PRECISE TESTING

Report No.: PTCHX04161100303E-EM03

2 Test Summary

Test	Test Requirement	Test Method	Limit / Severity	Result
RF Exposure	EN 62479	EN 62479	-	PASS
Remark: N/A: Not Applicable				

3 General Information

3.1 General Description of E.U.T.

Product Name	: GEOMETRIC WIRELESS SPEAKER
Brand Name	: N/A
Model Name	: P326.24X
Model Description	: N/A
Bluetooth Version	: V3.0
Operating frequency	: 2402-2480MHz, 79 channels
Antenna installation:	: Integrated Antenna
Antenna Gain:	: 0 dBi
Type of Modulation	: BT(1Mbps): GFSK BT EDR(2Mbps): $\pi/4$ -DQPSK BT EDR(3Mbps): 8-DPSK
Power supply	: DC 5V by adapter/DC 3.7V from battery

4 RF Exposure Evaluation

4.1 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_{max} .

Annex A contains example values for P_{max} 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_{max} values given in Annex A, the alternative P_{max} values (called P_{max}'), 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.

4.2 Test Result of RF Exposure Evaluation

Test Mode	Transmit
Limit (P_{max})	20mW/13dBm

After performed the test at low/middle/high channel,the below recorded is the worst.

Max. Peak Output Power (dBm)	Limit P_{max} (dBm)	BT
-6.55	13	BT3.0

Remark:Since the max. peak output power is less than the applicable low-power exclusion level P_{max} ,this device is deemed to comply with the provisions of this standard without further testing.

*****THE END REPORT*****