

TEST REPORT

ETSI EN62479:2010

| | | |
|--|---|------------------------|
| Product | : | BBM WIRELESS SPEAKER |
| Model Name | : | P326.853 |
| Brand | : | N/A |
| Report No. | : | PTCHX04161100302E-EM03 |
| Prepared for | | |
| | | |
| | | |
| | | |
| Prepared by | | |
| | | |
| DongGuan Precise Testing Service Co.,Ltd. | | |
| Building D, Baoding Technology Park, Guangming Road 2, Guangming Community | | |
| Dongcheng District, Dongguan, Guangdong, China | | |

TEST RESULT CERTIFICATION

Applicant's name :
Address :
Manufacture's name :
Address :
Product name : BBM WIRELESS SPEAKER
Model name : P326.853
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.

This report shall not be reproduced except in full, without the written approval of PTC, this document may be altered or revised by PTC, personal only, and shall be noted in the revision of the document.

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



Contents

| | Page |
|--|-------------|
| 2 TEST SUMMARY..... | 4 |
| 3 GENERAL INFORMATION..... | 5 |
| 3.1 GENERAL DESCRIPTION OF E.U.T..... | 5 |
| 4 RF EXPOSURE EVALUATION..... | 6 |
| 4.1 LIMITS..... | 6 |
| 4.2 TEST RESULT OF RF EXPOSURE EVALUATION..... | 6 |



PRECISE TESTING

Report No.: PTCHX04161100302E-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 | : BBM WIRELESS SPEAKER |
| Brand Name | : N/A |
| Model Name | : P326.853 |
| 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 |
|------------------------------|-----------------------|-------|
| 1.94 | 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*****