

EN 62479: 2010 EVALUATION REPORT

For

Shenzhen Fenda Technology Co., Ltd.

**Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District,
Shenzhen City, Guangdong, China**

E.U.T.: BLUETOOTH SPEAKER

Model Name: W4, 0102019014, OMA2120, W4MINI, W3, W3MINI

Brand Name: F&D

Report Number: NTC1604358E

Test Date(s): April 29, 2016 to May 16, 2016

Report Date(s): May 16, 2016

Prepared by

Dongguan Nore Testing Center Co., Ltd.

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Prepared By

Approved & Authorized Signer



Alina Guo / Engineer



Iori Fan / Authorized signatory

Note: This test report is for the customer shown above and their specific product only. It may not be duplicated or used in part without prior written consent from Dongguan Nore Testing Center Co., Ltd. The test results referenced from this report are relevant only to the sample tested.

1. GENERAL INFORMATION

PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST

Manufacturer & Factory	: Same as the applicant
Model Name	: W4, 0102019014, OMA2120, W4MINI, W3, W3MINI (All tests were carried on model OMA2120.)
Model difference	: These models have the same circuitry, electrical mechanical, PCB layout and physical construction. Their differences in model name due to trading purpose.
Power Supply	: DC 5V come from USB port, DC 3.7V Li-ion battery (Normal Voltage)
Adapter	: None
Test Voltage	: DC 3.7V, DC 5V (Adapter input AC 230V 50Hz) (Only the worst case DC 3.7V recorded in this report.)
Operating Temperature Range	: 0°C to 45°C (Declaration by manufacturer)
Remark:	: None

Item	BT2.1+EDR
Frequency	2402-2480MHz
Modulation	GFSK, $\pi/4$ -DQPSK
Number of Channel	79
Channel space	1MHz
Antenna Type	PCB antenna
Antenna Gain	0 dBi (declared by manufacturer)

2. TEST FACILITY

Site Description

EMC Lab : Listed by FCC, July 03, 2014
The Certificate Number is 665078.

Listed by Industry Canada, June 18, 2014
The Certificate Registration Number. Is
46405-9743

Name of Firm : Dongguan Nore Testing Center Co., Ltd.
(Dongguan NTC Co., Ltd.)

Site Location : Building D, Gaosheng Science & Technology
Park, Zhouxi Longxi Road, Nancheng District,
Dongguan City, Guangdong Province, China

3. TEST RESULT

Pass

Please refer to following test data.

AV/Peak Power E.I.R.P dBm	Power E.I.R.P mW	Low power exclusion mW
BT Mode GFSK		
-4.51	0.35	20
$\pi/4$-DQPSK		
-2.30	0.59	20

The apparatus is deemed to comply with the basic restrictions without testing. It's complied with standards' requirement.

The harmonized requirement EN 62479: 2010 had been used for the conformity assessment.

According this requirement the SAR-measurement has not to be conducted when the sending level is < 20 mW(13dBm).

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