

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.: 2.1 Computer Multimedia Speaker

Model Name: A140X, A140U, A140BT, A140F, A160X, A160BT, A140XF

Brand name: F&D

Report Number: NTC1504128E-1

Test Date(s): August 31, 2016 to September 22, 2016

Report Date(s): September 22, 2016

Prepared by

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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.

Revision History of This Test Report

Report Number	Description	Issued Date
NTC1504128E	Initial Issue	2015-05-13
NTC1504128E-1	Changed model number	2016-09-22

1. GENERAL INFORMATION

PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST

Manufacturer	: F&D Technology (Shenzhen) Co., Ltd
Address	: Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District, Shenzhen City, Guangdong, China
Factory	: F&D Technology (Shenzhen) Co., Ltd
Address	: Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District, Shenzhen City, Guangdong, China
Product Name	: 2.1 Computer Multimedia Speaker
Model Name	: A140X, A140U, A140BT, A140F, A160X, A160BT, A140XF All tests were carried on model A140X.
Model Difference Description	: These models have the same circuitry, electrical mechanical, PCB layout and physical construction. Their differences in model number due to trading purpose.
Power Supply	: AC 220-240V 50/60Hz, 0.3A
Test Voltage	: AC 230V 50Hz
Operating Temperature Range	: 0°C to 35°C (Declaration by manufacturer)
Note	: <ol style="list-style-type: none">1. This report was an additional report based on original report NTC1504128E.2. Both of reports are the same. But this report has changed model number.3. The original model and new model are the same. Their difference in appearance.4. According to this change, we have retest all items, details refer to the test report.

Technical Specification:

Bluetooth Version	: 2.1+EDR
Frequency Range	: 2402-2480MHz
Modulation Type	: GFSK, $\pi/4$ -DQPSK
Modulation Technology	: FHSS
Number of Channel	: 79
Channel Space	: 1MHz
Antenna Type	: PCB
Antenna Gain	: 0dBi (Declaration by manufacturer)
Max RF Output Power	: -4.62 dBm (E.I.R.P.)
Adaptive/Non-Adaptive Equipment	: Adaptive equipment

2. TEST FACILITY

Site Description

EMC Lab	: Listed by CNAS, August 14, 2015 The certificate is valid until August 13, 2018 The Laboratory has been assessed and proved to be in compliance with CNAS/CL01 The Certificate Registration Number is L5795. 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 Power E.I.R.P dBm	Power E.I.R.P mW	Low power exclusion mW
BT Mode GFSK		
-4.62	0.35	20
BT Mode 8DPSK		
-5.15	0.31	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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