

# RF EVALUATION TEST REPORT

The device described below is tested by Dongguan Nore Testing Center Co., Ltd. to determine the maximum emission levels emanating from the device, the severe levels which the device can endure and E.U.T.'s performance criterion. The test results, data evaluation, test procedures, and equipment of configurations shown in this report were made in accordance with the RED directive 2014/53/EU.

Applicant : SHENZHEN FENDA TECHNOLOGY CO., LTD.  
Address : Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District, Shenzhen City, Guangdong, China  
Manufacturer / Factory : SHENZHEN FENDA TECHNOLOGY CO., LTD.  
Address : Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District, Shenzhen City, Guangdong, China  
E.U.T. : Computer multimedia speaker  
Brand Name : F&D  
Model No. : T5, T5-10, T6, T7, T8, T1, T3  
(For model difference refer to section 1)  
Measurement Standard : EN 62479: 2010  
Date of Receiver : November 24, 2017  
Date of Test : November 24, 2017 to December 09, 2017  
Date of Report : December 09, 2017

This Test Report is Issued Under the Authority of :

Prepared by



Knight Wen / Engineer

Approved & Authorized Signer



Iori Fan / Authorized Signatory

This test report is for the customer shown above and their specific product only. This report applies to above tested sample only and shall not be reproduced in part without written approval of Dongguan Nore Testing Center Co., Ltd.

## Revision History of This Test Report

Report Number	Description	Issued Date
NTC1711196EV00	Initial Issue	2017-12-09

## 1. GENERAL INFORMATION

### PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST

E.U.T.	: Computer multimedia speaker
Main model number	: T5
Additional Model number	: T5-10, T6, T7, T8, T1, T3
Brand Name	: F&D
E.U.T. Type	: Class B
Operation Frequency	: Below 108MHz (Except for BT function).
Operating Temperature Range	: 5°C to 45°C (Declaration by manufacturer)
Rating	: AC 100V-240V, 50/60Hz DC 12V From internal sealed rechargeable battery
Test Voltage	: AC 230V 50Hz
Cable	: N/A
Description of model difference	: Both of models have the same circuit schematic, construction, PCB Layout and critical components. Their difference in model number due to trading purpose.
HW	: V1.0
SW	: V1.0
Remark	: According to the model difference, all tests were carried on model T5.



**Technical Specification:**

**For BT Function**

Frequency	:	2402-2480MHz
Bluetooth Version	:	BT4.2+EDR
Modulation	:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Number of Channel	:	79
Channel space	:	1MHz
Antenna Type	:	PCB
Antenna Gain	:	0 dBi (Declaration by manufacturer)
Adaptive/Non-Adaptive Equipment	:	Adaptive equipment
Receiver Category	:	Category 2

## 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 A2LA, November 01, 2017  
The certificate is valid until December 31, 2019  
The Laboratory has been assessed and proved to  
be in compliance with ISO17025  
The Certificate Registration Number is 4429.01

Listed by FCC, November 06, 2017  
The Designation Number is CN1214  
Test Firm Registration Number: 907417

Listed by Industry Canada, June 08, 2017  
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
<b>BT Mode GFSK</b>		
2.21	1.66	20
<b>BT Mode 8DPSK</b>		
1.66	1.47	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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