

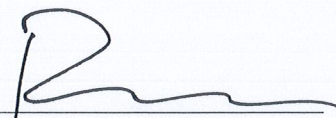
# RF EVALUATION TEST REPORT

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 2014/53EU.

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. : Bluetooth Speaker  
Brand Name : F&D  
Model No. : W20, W22, W40, W47, W45 (For model difference refer to section 1)  
Measurement Standard : EN 62479: 2010  
Date of Receiver : September 13, 2018  
Date of Test : September 13, 2018 to November 02, 2018  
Date of Report : November 02, 2018

This Test Report is Issued Under the Authority of :

Prepared by



Rose Hu / 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.



## 1. GENERAL INFORMATION

### PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST

E.U.T.	: Bluetooth Speaker
Main model number	: W20
Additional Model number	: W22, W40, W47, W45
Brand Name	: F&D
Power Supply	: DC 18V come from adater
Adapter	: Manufacturer: Zhongshan Baolijin Electronic Co., Ltd. M/N: BLJ15W180100P1-V Input: AC100-240V 50/60Hz 0.6A Output: DC 18V 1000mA
Test Voltage	: AC 230V 50Hz
Operating Temperature Range	: 0°C to 35°C (Declaration by manufacturer)
Model Difference Description	: These models have the same circuitry, electrical mechanical, PCB Layout and physical construction. The difference in model number.
Adaptive/Non-Adaptive Equipment	: Adaptive equipment
HW	: V01
SW	: V01
Receicer Category	: Category 2
Note	: N/A

**Technical Specification:**

**For BT Function**

Frequency	:	2402-2480MHz
Bluetooth Version	:	V4.2+EDR
Modulation	:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Number of Channel	:	79
Channel space	:	1MHz
Antenna Type	:	PCB
Antenna Gain	:	0dBi (Declaration by manufacturer)

## 2. TEST FACILITY

Site Description

EMC Lab : Listed by CNAS, August 13, 2018  
The certificate is valid until August 13, 2024  
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>		
-0.02	1.00	20
<b>BT Mode 8DPSK</b>		
2.81	1.91	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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