

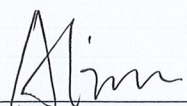
RF EVALUATION REPORT

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 R&TTE directive 1999/5/EC.

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. : 2.1 Speaker System
Brand Name : F&D
Model No. : F580X, T-200X, F560X, F630X, T-220X
(For model difference refer to section 1)
Measurement Standard : EN 62479: 2010
Date of Receiver : December 26, 2016
Date of Test : December 27, 2016 to January 12, 2017
Date of Report : January 12, 2017

This Test Report is Issued Under the Authority of :

Prepared by



Alina Guo / Engineer

Approved & Authorized Signer



Ion 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
NTC1612191E	Initial Issue	2017-01-12

1. GENERAL INFORMATION

PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST

Model Name	: F580X, T-200X, F560X, F630X, T-220X All tests were carried on model F580X.
Model difference	: These models have the same circuit schematic, construction, PCB Layout and critical components. Their difference in model number due to trading purpose.
Power Supply	: AC 100-240V 50/60Hz 0.4A
Test Voltage	: AC 230V 50Hz
Operating Temperature Range	: 0°C to 35°C (Declaration by manufacturer)
Adaptive/Non-Adaptive Equipment	: Adaptive equipment

Technical Specification:

For BT function

BT Version: 4.2+EDR and backward compatible BLE.

We prepare version BLE(V4.0) and 4.2+EDR for RF test..

Item	BT4.2+EDR	BLE(V4.0)
Frequency	2402-2480MHz	2402-2480MHz
Modulation	GFSK, $\pi/4$ -DQPSK, 8DPSK	GFSK
Number of Channel	79	40
Channel space	1MHz	2MHz
Antenna Type	PCB antenna	PCB antenna
Antenna Gain	0.5 dBi (declared by manufacturer)	0.5 dBi (declared by manufacturer)

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		
1.22	1.32	20
BT Mode 8DPSK		
3.87	2.44	20
BT Mode BLE		
Lowest channel: 2402		
4.15	2.60	20
Middle channel: 2440		
4.95	3.13	20
Highest channel: 2480		
4.80	3.02	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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