

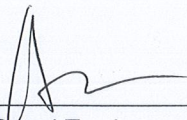
RF EVALUATION TEST REPORT

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. : 2.0 Multimedia Speaker
Brand Name : F&D
Model No. : R40BT, R44BT, R50BT, R55BT, R27BT, R24BT, R25BT
(For model difference refer to section 1)
Measurement Standard : EN 62479: 2010
Date of Receiver : July 04, 2019
Date of Test : July 05, 2019 to July 16, 2019
Date of Report : July 17, 2019

This Test Report is Issued Under the Authority of :

Prepared by


Alina Guo / 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.	:	2.0 Multimedia Speaker
Main Model Name	:	R40BT
Additional Model name	:	R44BT, R50BT, R55BT, R27BT, R24BT, R25BT
Brand Name	:	F&D
Rating	:	AC 100-240V 50/60Hz
Adapter	:	N/A
Test Voltage	:	AC 230V 50Hz
Cable	:	Audio Line: 1 to 2: 1.54m unshielded Speaker Line: 1.97m unshielded AC Mains: 1.78m unshielded
Hardware version	:	V1.0
Software version	:	V1.0
Operating Temperature Range	:	0°C to 35°C (Declaration by manufacturer)
Description of model difference	:	These models have the same circuit schematic, construction, PCB Layout and critical components. The difference is model number and color only due to trading purpose.
Note	:	According to the model difference, all tests were performed on model R40BT.

Technical Specification:

Item	:	Description
BT Version	:	4.2
Frequency	:	2402-2480MHz
Modulation	:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Number of Channel	:	79
Channel space	:	1MHz
Antenna Type	:	PCB antenna
Antenna Gain	:	0.5dBi (declared 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 and Technology
Park, Hongtu 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		
3.27	2.12	20
BT Mode 8DPSK		
4.51	2.82	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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