RF EVALUATION TEST REPORT

Applicant	:	SHENZHEN FENDA TECHNOLOGY CO., LTD.
Address	:	Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District, Shenzhen City, Guangdong, China
Manufacturer	:	SHENZHEN FENDA TECHNOLOGY CO., LTD.
Address	:	Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District, Shenzhen City, Guangdong, China
Factory	:	SHENZHEN FENDA TECHNOLOGY CO., LTD.
Address	:	Fenda Hi-Tech Park, Zhoushi Road, Shiyan Town, Baoan District, Shenzhen City, Guangdong, China
EUT	:	Computer Multimedia Speaker
Brand Name	:	F&D
Model No.	:	PA300, PA200, PA928, PA948, PA310, PA100, PA388 (For model difference refer to section 2)
Measurement Standard	:	EN 62479: 2010, EN 50663: 2017
Receipt Date of Samples	:	November 11, 2020
Date of Tested	:	November 12, 2020 to December 18, 2020
Date of Report	:	December 22, 2020

This report shows that above equipment is technically compliant with the requirements of the standards above. All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan Nore Testing Center Co., Ltd, this report shall not be reproduced except in full.

Prepared by

Alina Guo / Project Engineer

Approved by

Iori Fan / Authorized Signatory

Dongguan Nore Testing Center Co., Ltd.
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Revision History

Report Number	Description	Issued Date
NTC2011118EV00	Initial Issue	2020-12-22

1. Summary of Test Result

Reference Standard	Description of Item	Result	Remarks
EN 62479: 2010 EN 50663: 2017	Low power exclusion	Pass	----

2. General Description of EUT

Product Information	
Product name:	Computer Multimedia Speaker
Main Model Name:	PA300
Additional Model Name:	PA200, PA928, PA948, PA310, PA100, PA388
Model Difference:	These models have the same circuit schematic, construction, PCB Layout and critical components. The difference is model number only due to trading purpose.
S/N:	PA300EF204000001
Brand Name:	F&D
Hardware Version:	V1.0
Software Version:	V1.0
Temperature Range:	0 to 45℃ (Declared by manufacturer)
Rating:	AC 100-240V 50/60Hz DC 12V from internal battery
Typical arrangement:	Table-top
I/O Port:	USB Port*1, MIC Port*2, AC Port*1, Optical Port*1, AUX Port*1
Accessories	
Adapter:	N/A
Cable:	AC Mains: 1.5m unshielded Audio Line: 1.2m unshielded
Other:	IR Remote * 1
Additional information	
Note:	According to these model difference, all tests were carried on model PA300
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.

Technical Specification (Bluetooth)	
Bluetooth Version:	V5.0
Frequency Range:	2402-2480MHz
Modulation Type:	GFSK, π/4-DQPSK, 8DPSK
Number of Channel:	79
Channel Space:	1MHz
Antenna Type:	PCB antenna
Antenna Gain:	0dBi (Declared by manufacturer)
Adaptive/Non-Adaptive Equipment:	Adaptive equipment
Receiver Category:	Category 3

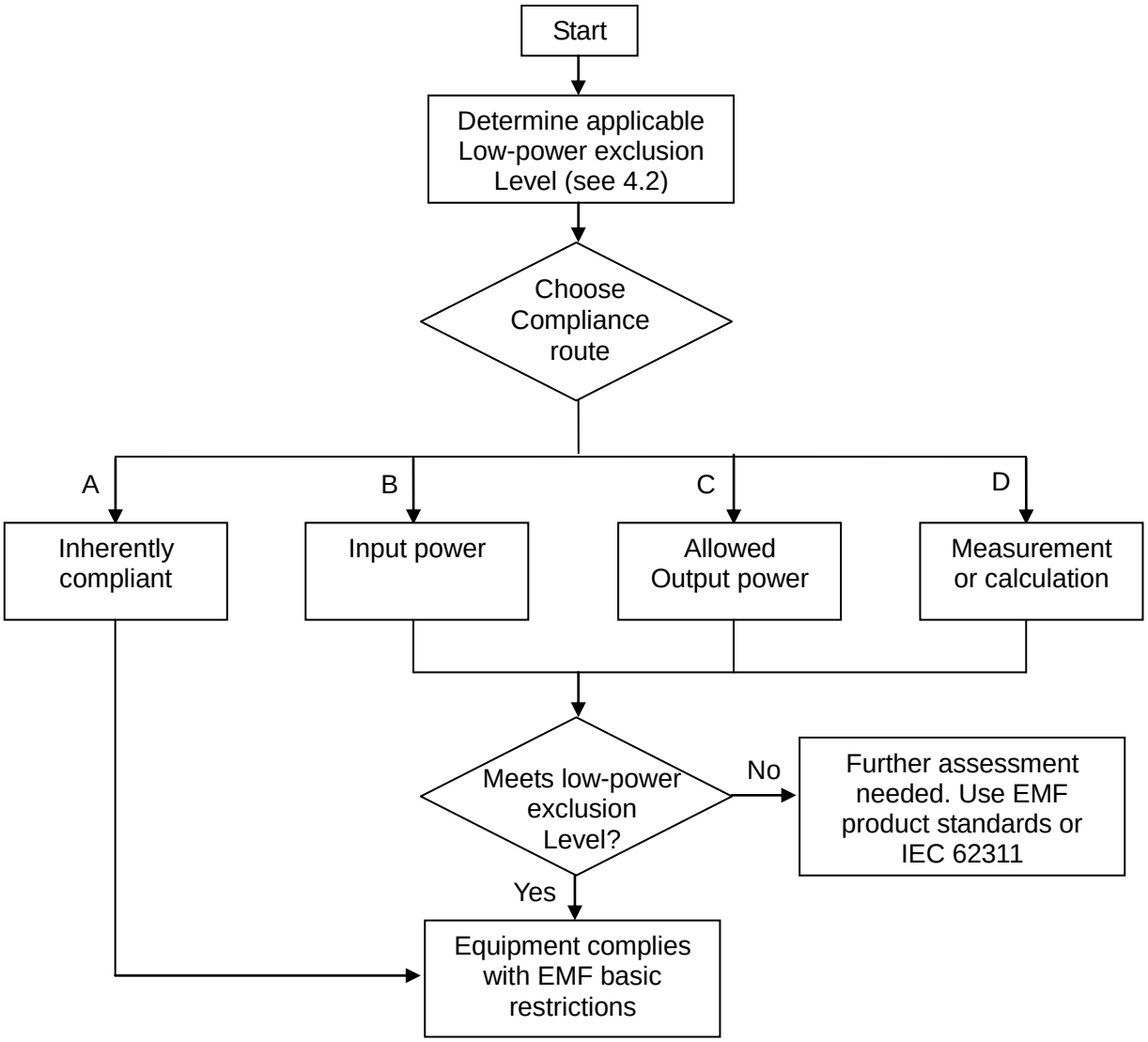
3. Test Facility and Location

Test Site	:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and Authorizations	:	The Laboratory has been assessed and proved to be in compliance with CNAS/CL01 Listed by CNAS, August 13, 2018 The Certificate Registration Number is L5795. The Certificate is valid until August 13, 2024 The Laboratory has been assessed and proved to be in compliance with ISO17025 Listed by A2LA, November 01, 2017 The Certificate Registration Number is 4429.01 The Certificate is valid until December 31, 2021 Listed by FCC, November 06, 2017 Test Firm Registration Number: 907417 Listed by Industry Canada, June 08, 2017 The Certificate Registration Number. Is 46405-9743A
Test Site Location	:	Building D, Gaosheng Science and Technology Park, Hongtu Road, Nancheng District, Dongguan City, Guangdong Province, China

4. Deviations and Abnormalities from Standard Conditions

No additions, deviations and exclusions from the standard.

5. Routes to show compliance with low-power exclusion level



6. Test Result

Pass

Please refer to following test data.

AV Power E.I.R.P (dBm)	Power E.I.R.P (mW)	Limit (mW)	Result
BDR (GFSK)			
-1.00	0.79	20	PASS
EDR (8DPSK)			
-2.65	0.54	20	PASS

Note:

1. The apparatus is deemed to comply with the basic restrictions without testing. It's complied with standards requirement.
2. The harmonized requirement EN 62479: 2010 and EN 50663: 2017 had been used for the conformity assessment.
3. According this requirement the SAR-measurement has not to be conducted when the sending level is < 20 mW (13dBm).
4. The values of the AV power E.I.R.P are based on the test reports NTC2011116EV00.

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