

Antenna Specification Test Report

Report No.: AGC07809160801TE13

PRODUCT DESIGNATION : Bluetooth Module BPF64XXX
BRAND NAME : N/A
TEST MODEL : BPF6425A_64215, BPF6425A_64210, BPF6425A_64110
CLIENT : Shenzhen RF-Link Technology Co., Ltd.
DATE OF ISSUE : Oct. 29, 2016
TEST STANDARD : IEE149-179; GB/T 9410-2008
REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd.

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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Oct. 29, 2016	Valid	Original Report

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TABALE OF CONTENTS

TABALE OF CONTENTS	3
1. TEST RESULT CERTIFICATION	4
2. TECHNICAL INFORMATION	5
2.1 EUT DESCRIPTION.....	5
2.2 PHOTOGRAPHS OF THE EUT	5
2.3 IDENTIFICATION OF ALL USED EUTS.....	5
3. DETAILS OF TEST.....	6
3.1 IDENTIFICATION OF THE RESPONSIBLE TESTING LOCATION	6
3.2 LIST OF TEST EQUIPMENTS	6
3.3 ENVIRONMENTAL CONDITIONS	6
4. TEST RESULTS.....	6
4.1 GAIN	6
ANNEX A TEST SETUP	7
ANNEX B FIGURES	8
ANNEX C PHOTOGRAPHS	11

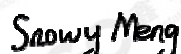
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1. TEST RESULT CERTIFICATION

Applicant	Shenzhen RF-Link Technology Co., Ltd.
Address	Bldg 56A, 3/F, Baotian RD3, Xixiang Town, Baoan District, Shenzhen China
Manufacturer	Shenzhen RF-Link Technology Co., Ltd.
Address	Bldg 56A, 3/F, Baotian RD3, Xixiang Town, Baoan District, Shenzhen China
Product Designation	Bluetooth Module BPF64XXX
Brand Name	N/A
Model Name	BPF6425A_64215
Series Model	BPF6425A_64210, BPF6425A_64110
Difference description	All the same except for the model name.
Date of Test	Oct. 27, 2016
Test Result	N/A

We (AGC), Attestation of Global Compliance (Shenzhen) Co., Ltd. declare the results of testing in this report apply to the product/system which was tested only. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

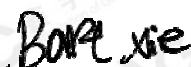
Tested By



Snowy Meng(Meng Linying)

2016-10-28

Reviewed By



Bart Xie(Xie Xiaobin)

2016-10-28

Approved By



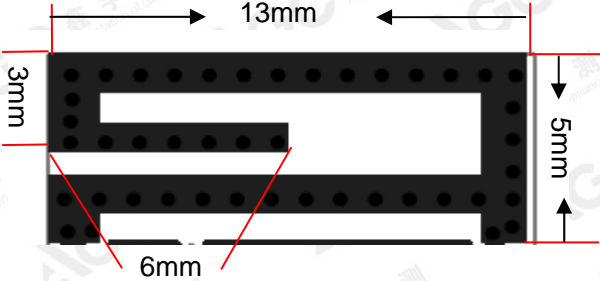
 Solger Zhang(Zhang Hongyi)
 Authorized Officer

2016-10-28

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2. TECHNICAL INFORMATION

2.1 EUT DESCRIPTION

Product:	Bluetooth Module BPF64XXX
Brand Name:	N/A
Model Name:	BPF6425A_64215
Frequency:	2400MHz~2483.5MHz
Antenna Type:	PCB antenna
Dimensions:	
Impedance	50ohm

2.2 PHOTOGRAPHS OF THE EUT

Please reference ANNEX C.

2.3 IDENTIFICATION OF ALL USED EUTS

The EUT identity consists of numerical and letter characters, the letter character indicates the test sample, and the following two numerical characters indicate the software version of the test sample.

EUT Identity	Hardware Version	Software Version
A01	N/A	N/A

3. DETAILS OF TEST

3.1 IDENTIFICATION OF THE RESPONSIBLE TESTING LOCATION

Company Name:	SHENZHENSHI CHINAHIGH TECHNOLOGY CO.,LTD
Address:	Xinzhen West Road Huaxia Bulding ,B-607, Baoan Seven District,Shenzhen City,Guangdong Province,China.

3.2 LIST OF TEST EQUIPMENTS

No.	Type	Specification
1	E5071B Vector Network Analyzer	Manufacturer: Agilent
2	4*4*4 Full Anechoic Chamber	Manufacturer: Satimo
3	Antenna Measurement System	Manufacturer: Satimo

3.3 ENVIRONMENTAL CONDITIONS

Test Environment Conditions:

Relative Humidity:	25 ... 75 %
Temperature:	+10 °C to +30 °C

3.4 APPLIED REFERENCE DOCUMENTS

Leading reference documents for testing:

No.	Identity	Document Title
1	IEEE149-1979	IEEE Standard Test Procedures for Antennas
2	GB/T 9410-2008	General specification for antennas used in the mobile communications

4. TEST RESULTS

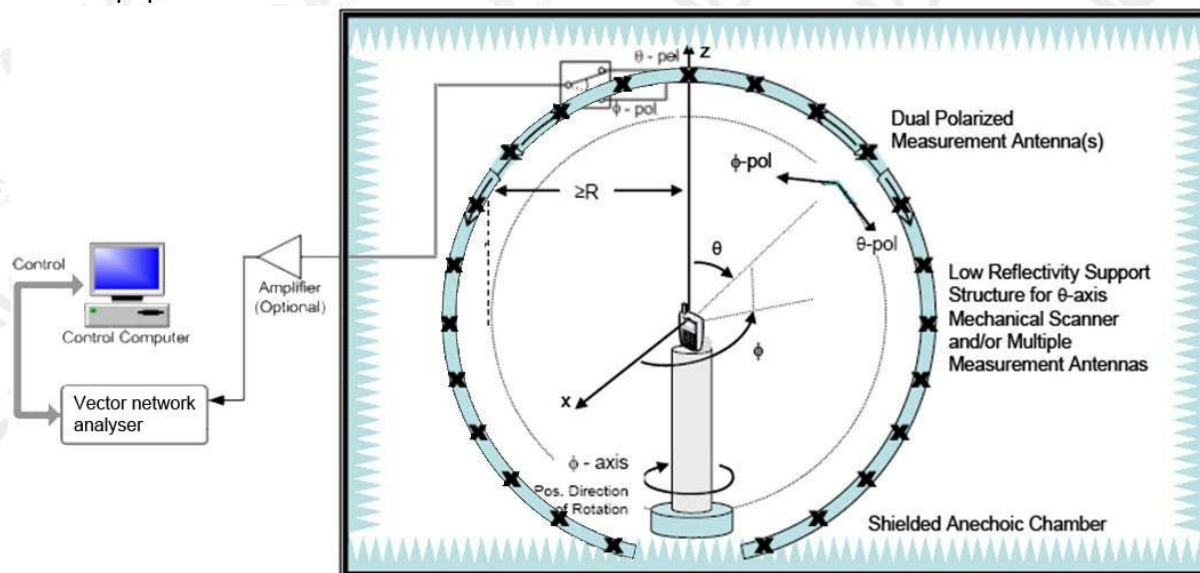
4.1 GAIN

Frequency	Gain(dBi)
2400MHz	0.01
2440MHz	-0.32
2480MHz	-1.02

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ANNEX A TEST SETUP

Test Setup

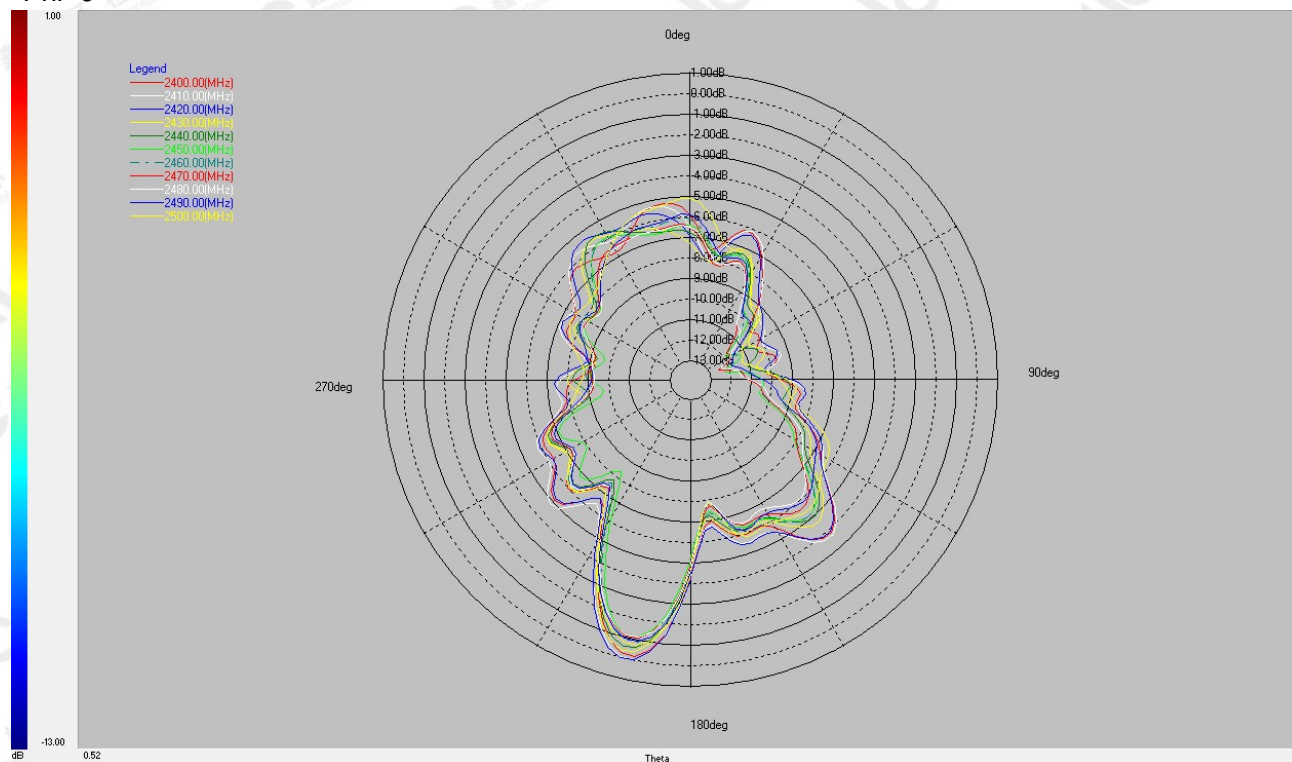


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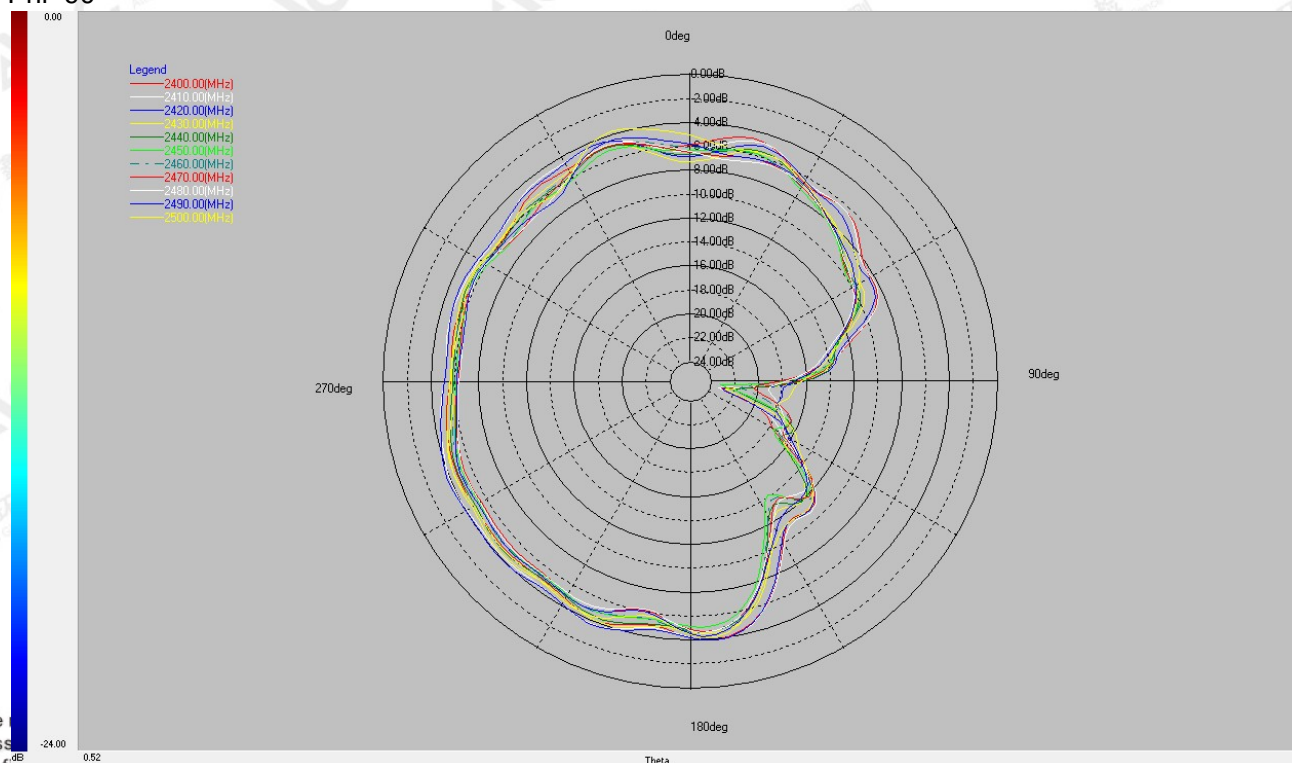
ANNEX B FIGURES

2D Radiation Pattern

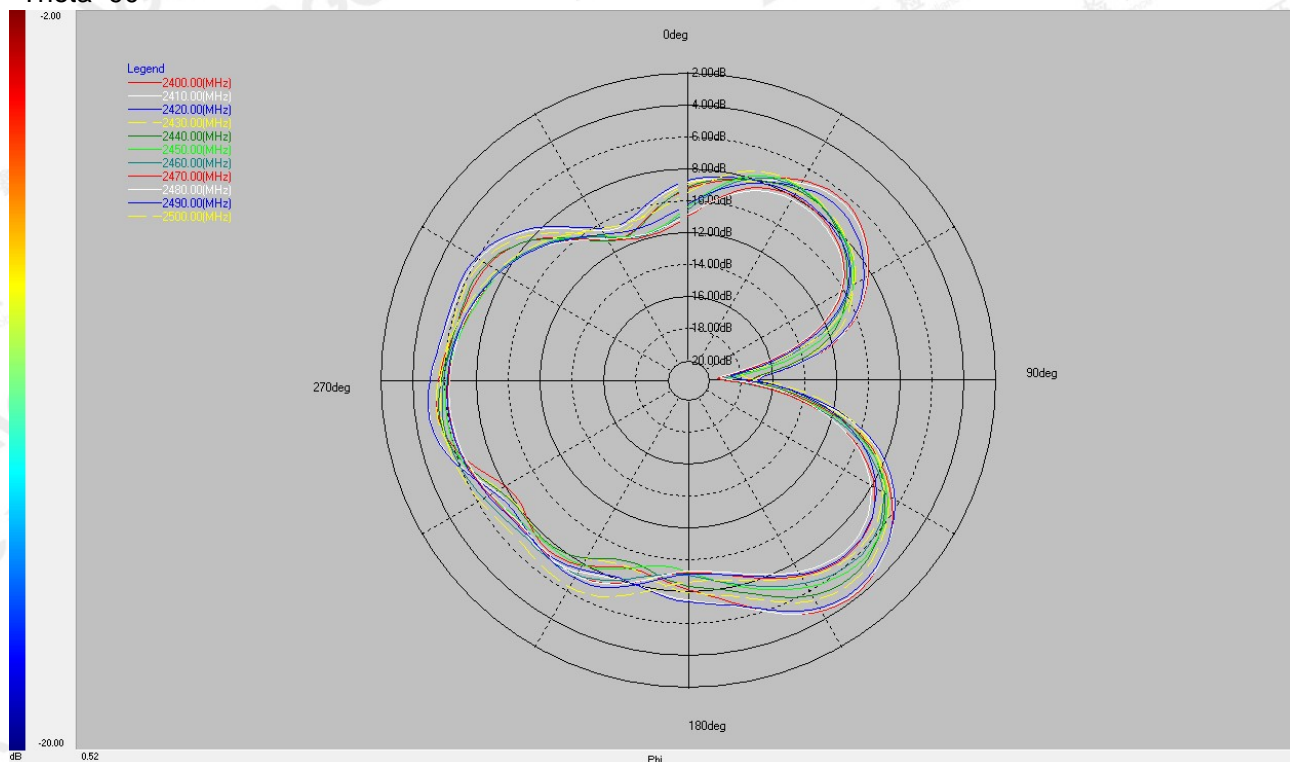
Phi=0°



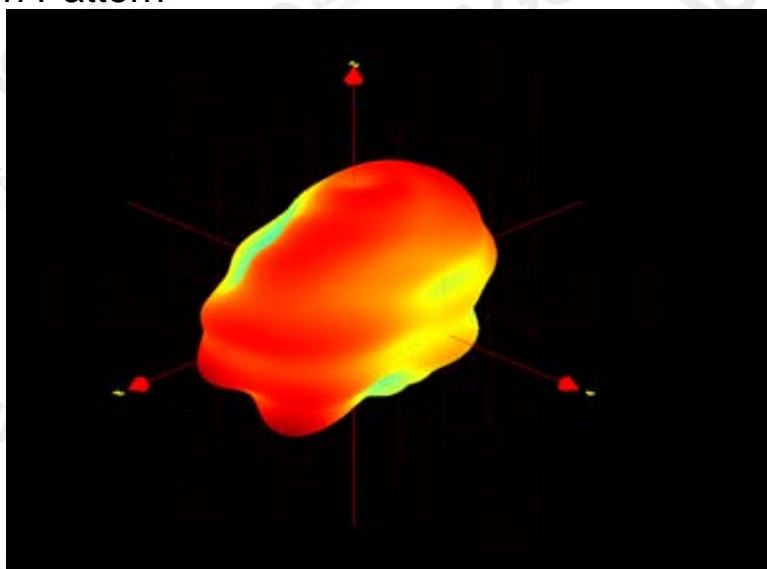
Phi=90°



Theta=90°



2. 3D Radiation Pattern



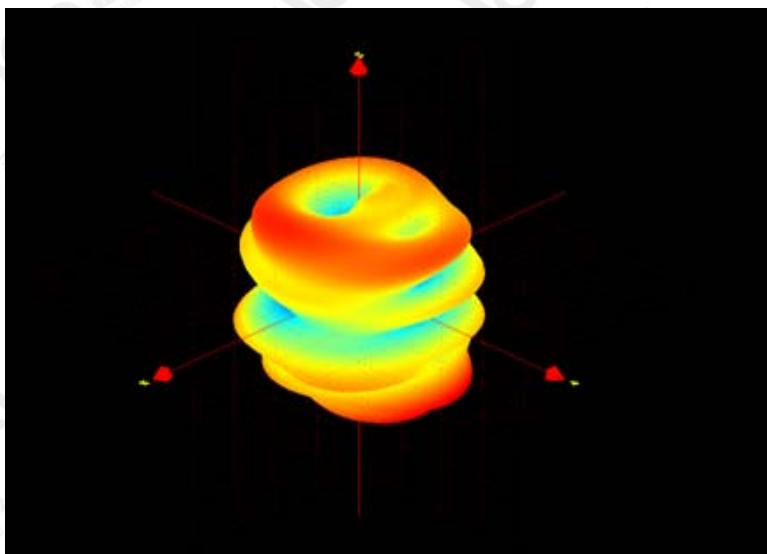
2402MHz

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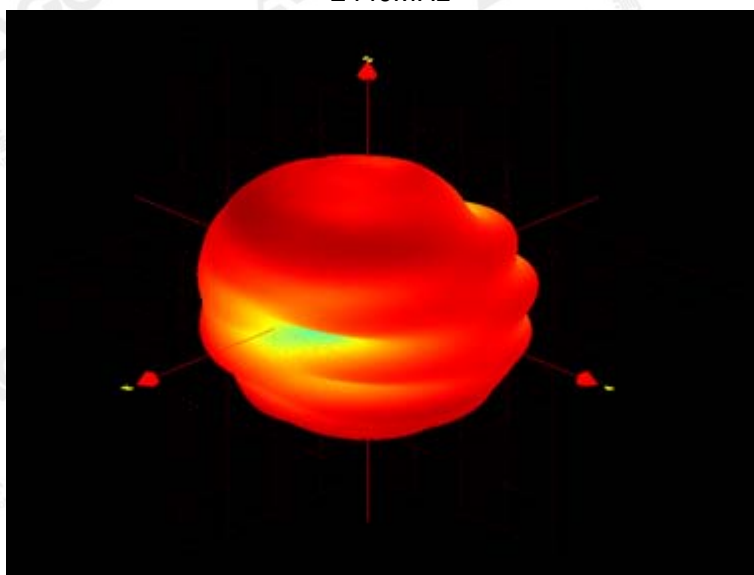
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2440MHz

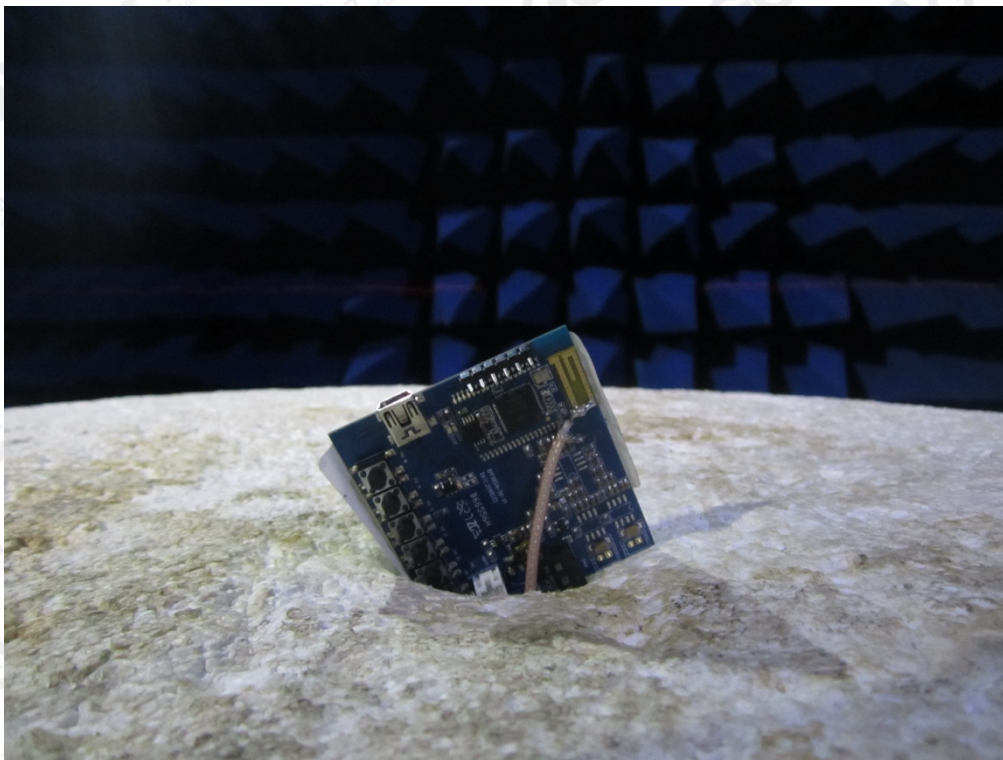


2480MHz

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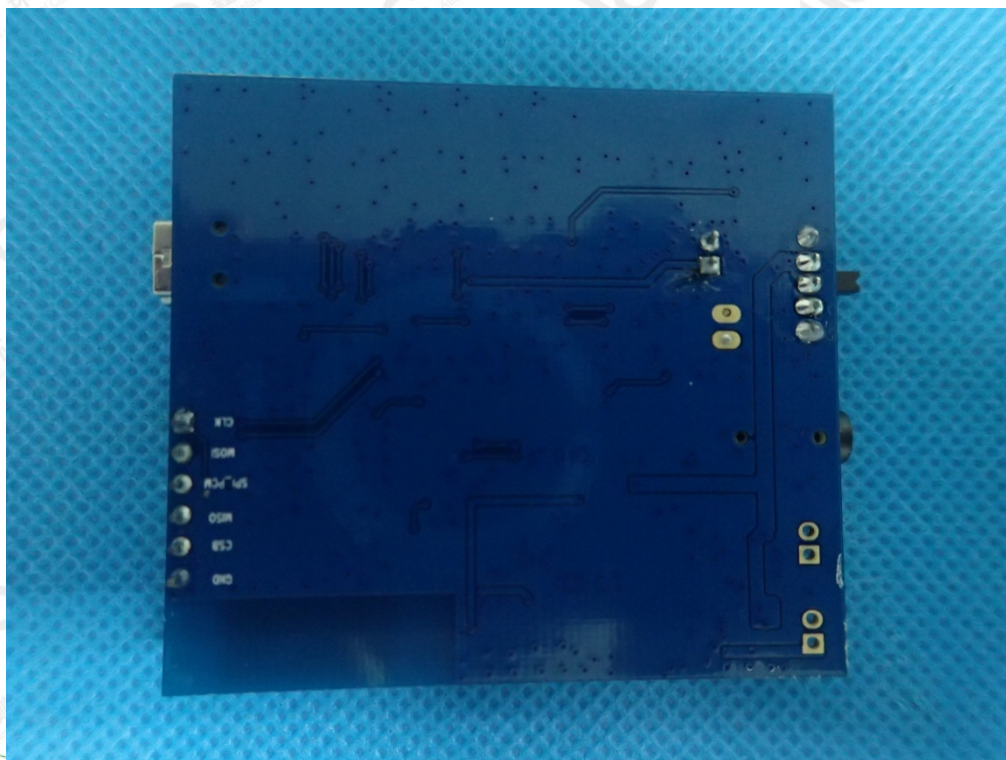
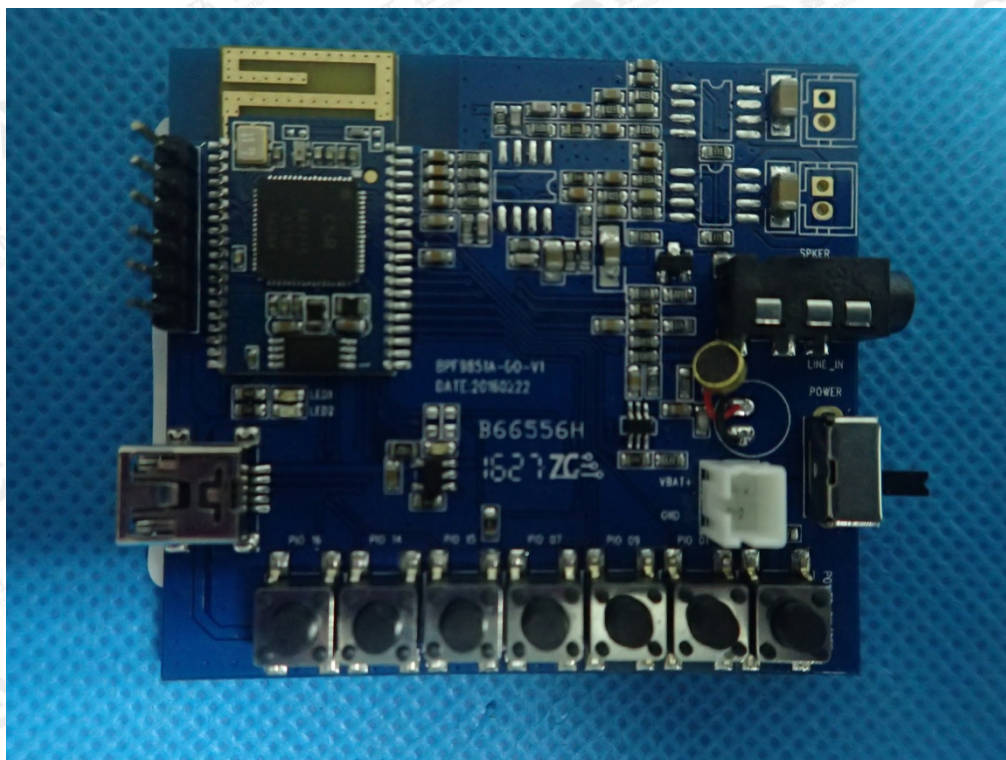
ANNEX C PHOTOGRAPHS

1. Test environment



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2. EUT



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END OF REPORT