

# Antenna SPEC

Customer Name      Coosea Group Co.,Ltd.  
Product Name        E35-BLU  
Specification         FPC  
Reference Standard: *GB/T 9410-2008; ANSI/IEEE Std 149-1979*

Engineer: Ruijie Xie                      Date:2024.5-29  
Auditor: Yu Wang                         Date:2024.5-29  
Approver: Lunkang Yan                  Date:2024.5.-29

Version No	Date	Description	Formulate	Approval
AO	2024.5-29	For the first time.	Haiyan zhang	Lunkang Yan

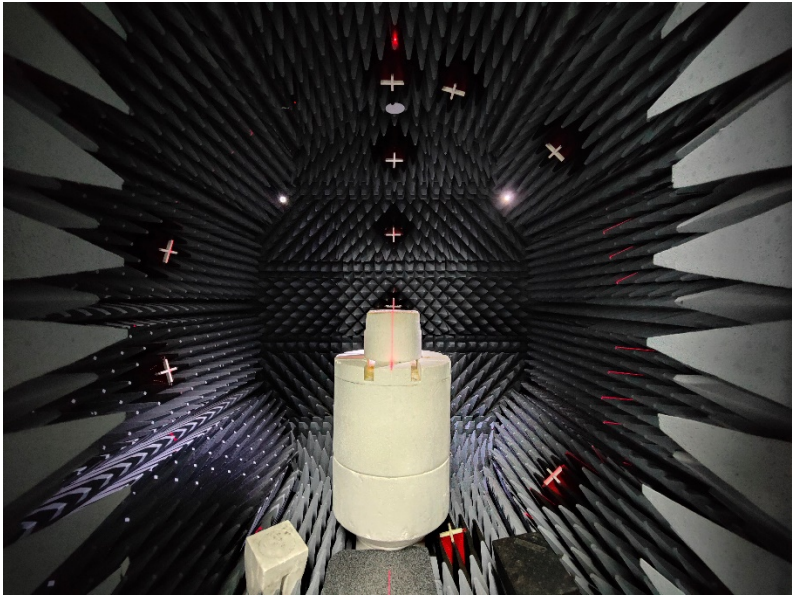
# 1.General Information

## 1.1 General information of testing institutions

Name	shenzhen Fu Bang Wireless Technical Limited Company
Address	3th Floor, Building T1, Lianjian Industrial Park,Huaxing Road, longhuadalang District,Shenzhen
Tel	13691727201
E-mail	eting2007@163.com
Equipment	GTS2800

## 1.2 Testing principle

### Multi-Probe OTA Measurement System



1.3 Test equipment

Equipment	Model No.	Serial No.	Manufacturer	Calibration date	Next calibration date
16 probe microwave chamber	3*3*29	RFI-LAB-RF-A00	SUNYIELD	2023.8.2	2024.8.1
Network Analyzer	E5071C	RFI-LAB-RF-A02	Agilent	2023.10.8	2024.10.7

1.4 Test environment

Temperature	24.6V
Humidity	59%RH
Pressure	100.12kPa

1.5 Statement

- (1) The test results in the report are only applicable to the tested sauries and the tested samples work under the environment described in the rq)ort.
- (2) Only Shenzhen FB-LAB Communication Technology Co., Ltd. have the right to modify the report, and the modification information shall be annotated in the revision fbnn.
- (3) Any objection to this report shall be raised within 30 days after formal confirmation of the report.
- (4) This report is invalid if there is any evidence that the sample information provided is falsified.
- (5) The report is invalid without the signature of the auditor and approver.

## 2.Sample Information

### 2.1 Client information

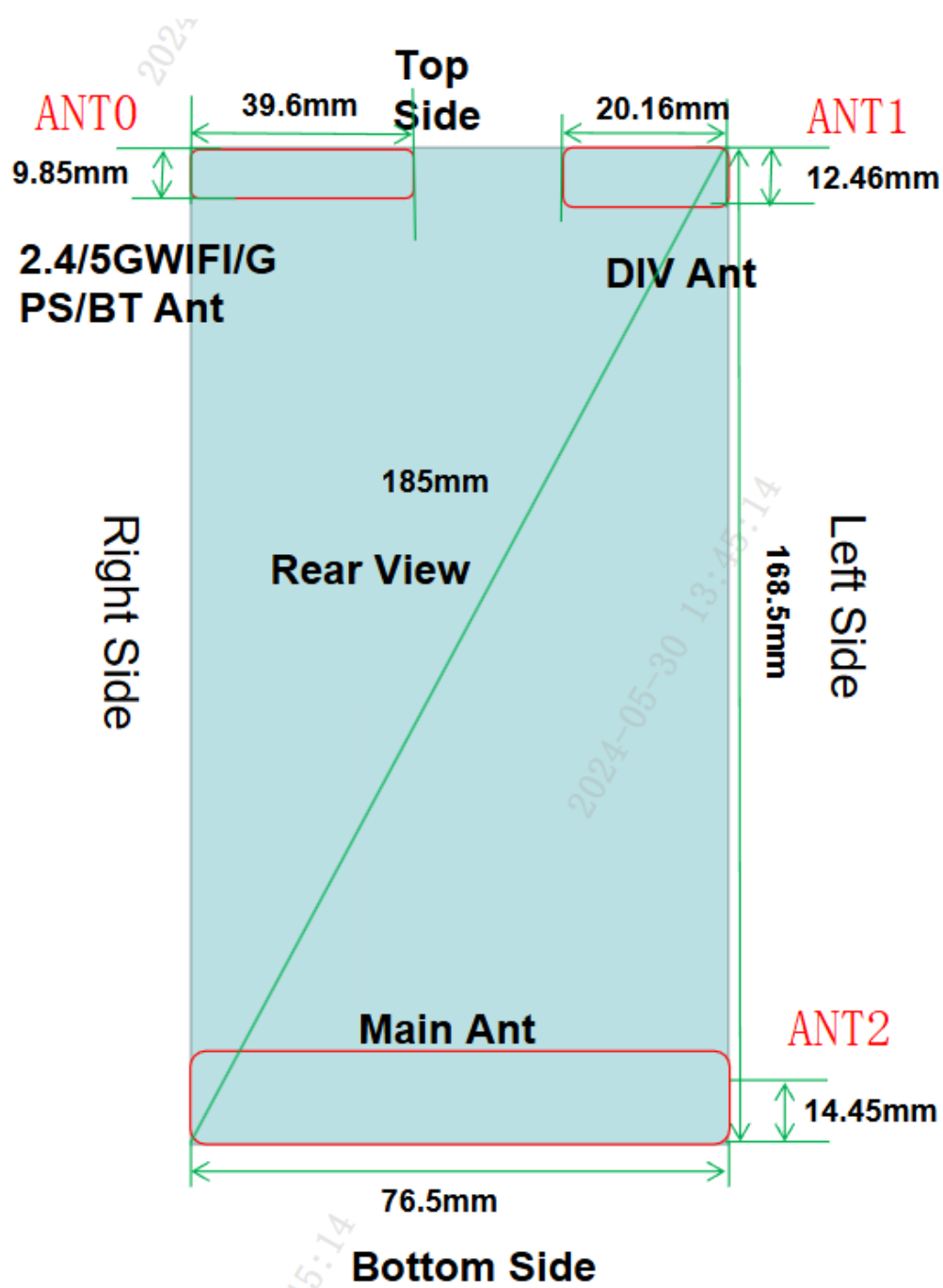
Name	Coosea Group Co.,Ltd.	
Address	9th Floor,	Tower 1,Foresea Life Center,Xingye Road, Bao'an District,Shenzhen
Contacts	Guang sheng Yu	
Tel	13714909565	/
E-mail	yuguangsheng@cooseagroup.com	

### 2.2 Description of EUT(S)

Product Name	E35-Blu-Antenna
Sample Model	
Antenna Type	PIFA Antenna
Serial No.	
Test Item	Gain; Radiation pattern
Frequency Range	617-2700 MHZ
Received Date	2024.5-29
Test Date	2024.5-29
Remark	

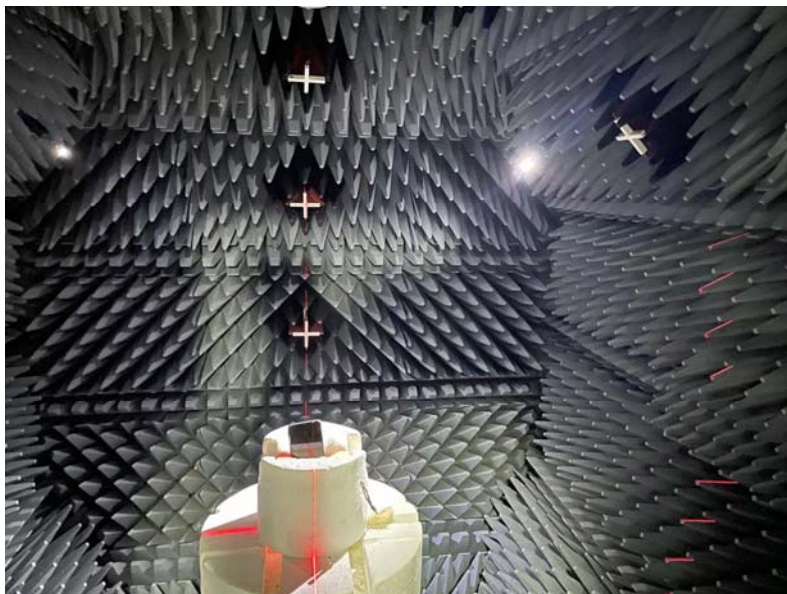
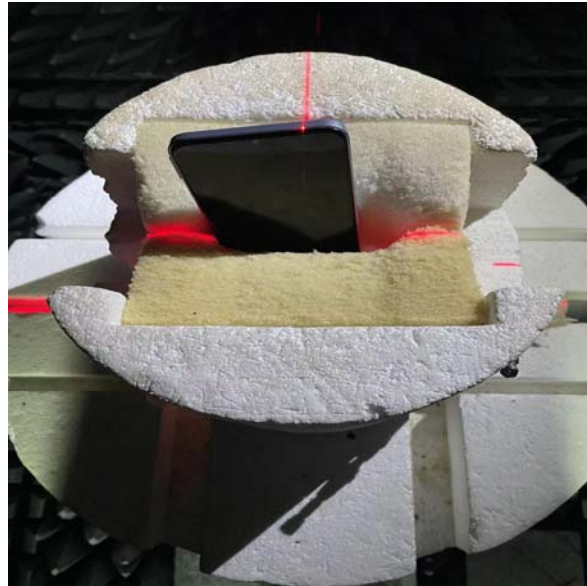
### 2.3 EUT appearance

ANT0	GPSL1/WIFI2. 4G/5G/BT
ANT1	2G:GSM TRX B2/3, DRX B5/8 3G:WCDMA TRX B1/2/4, DRX B5/8 4G:FDD TRX B1/2/3/4/7/66, DRX B5/8/12/13/17/28A/28B/71
ANT2	2G:GSM DRX B2/3, TRX B5/8 3G:WCDMA DRX B1/2/4, TRX B5/8 4G:FDD DRX B1/2/3/4/7/66, TRX B5/8/12/13/17/28A/28B/71



## 2.4 DUT setup photo of free space OTA testing

Planfonn



3.3 Test data

E35-BLU  
RF Antenna Gain

E35-BLU-天线增益							
Antenna	Pattern	Gain(dBi)					
ANT0TX	PIFA	GPS	wifi-2.4	wifi-5g			
		-0.8	1.3	-0.5			
ANT1 TX	PIFA	B1	B2	B3	B4	B7	B66
		-3.3	-2.26	-2.2	-2.3	-0.03	-2.3
ANT2 TX	PIFA	B5	B8	B12	B13	B17	
		-3.5	-3.8	-3.4	-3.4	-3.5	
		B28	B71				
		-3.6	-3.8				



● **Radiation Pattern**

There is Radiation Pattern due to passive measurement with MTG chamber.

