

# Testing Report

Customer Name      Coosea Group Co.,Ltd.

Product Name        C9

Specification         FPC

Reference Standard: *GB/T 9410-2008; ANSI/IEEE Std 149-1979*

Engineer: Ruijie Xie                      Date:2024.2.3

Auditor: Yu Wang                         Date:2024.2.3

Approver: Lunkang Yan                  Date:2024.2.3

Version No	Date	Description	Formulate	Approval
AO	2024.2.3	For the first time.	Haiyan zhang	Lunkang Yan

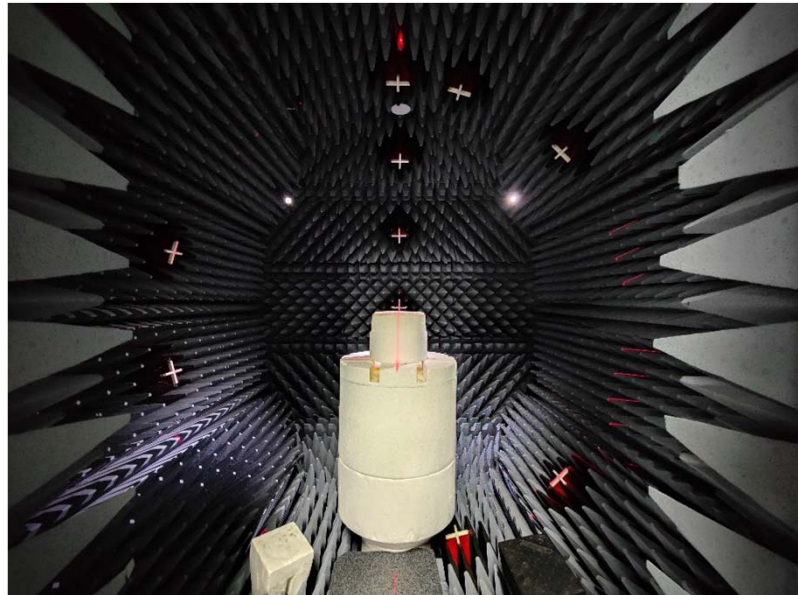
# 1.General Information

## 1.1 General information of testing institutions

Name Address	shenzhen Fu Bang Wireless Technical Limited Company 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	

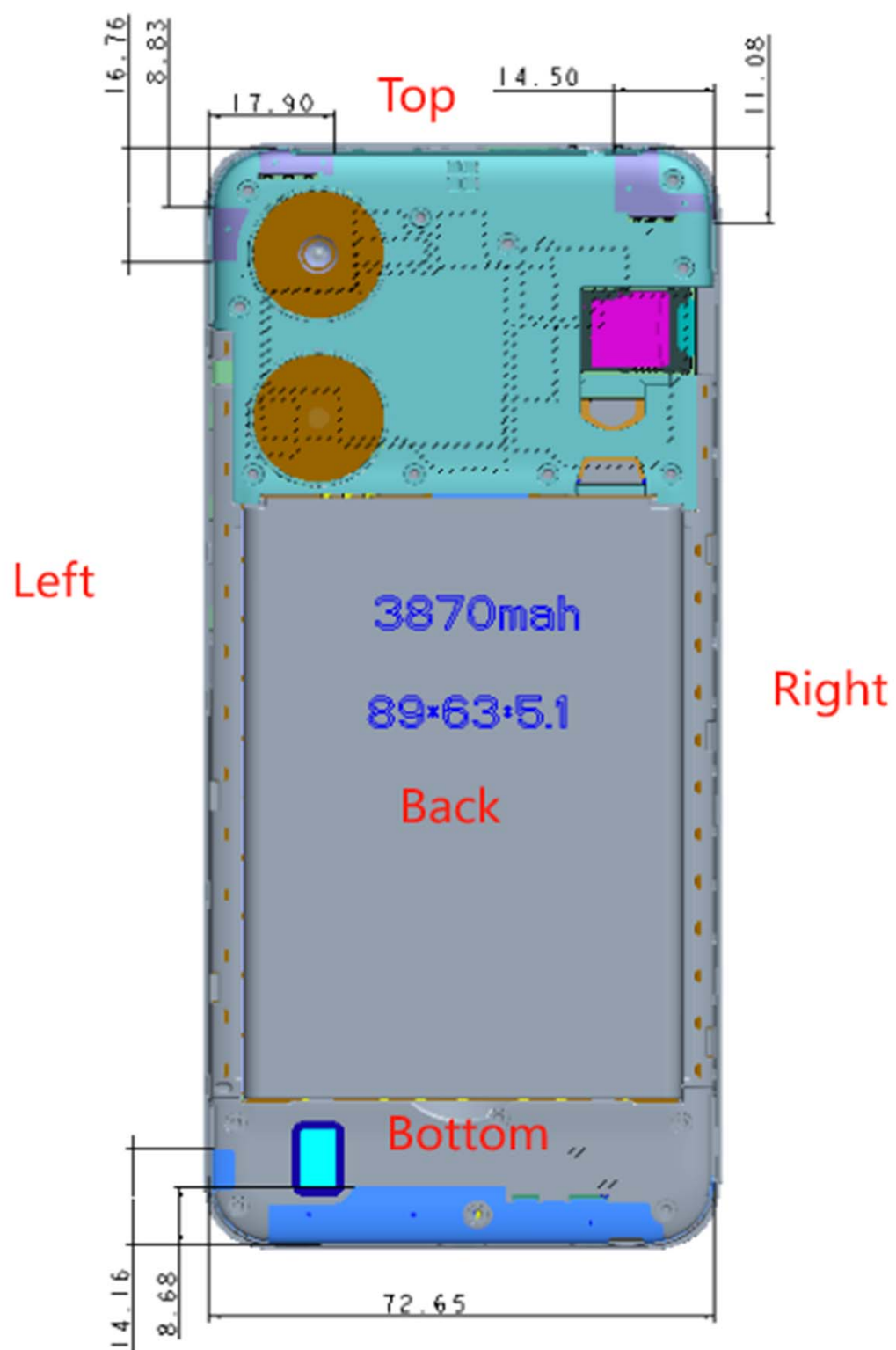
### 2.2 Description of EUT(S)

Product Name	C9-Antenna
Sample Model	
Antenna Type	PIFA Antenna
Serial No.	
Test Item	Gain; Radiation pattern
Frequency Range	617-2700 MHZ
Received Date	2024.2.3
Test Date	2024.2.3
Remark	

## 2.3 EUT appearance



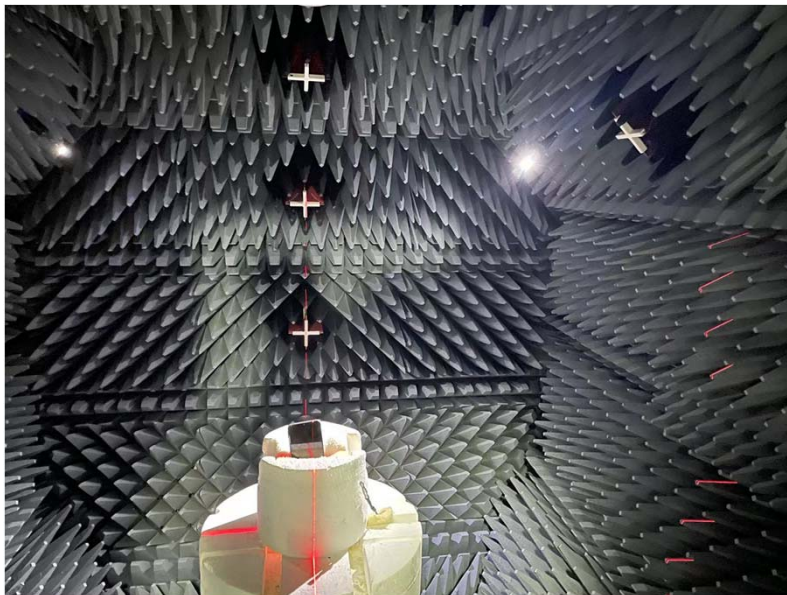
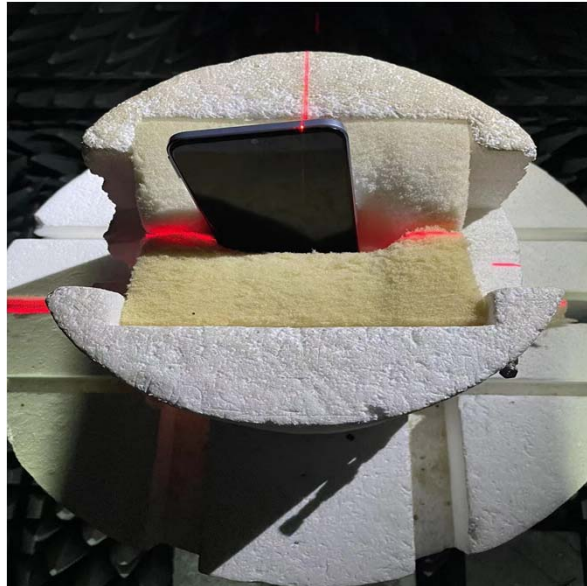
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ANT1	2G: GSM B2/3/5/8 3G: WCDMA B1/2/4/5/8 4G: FDD B1/2/3/4/5/7/8/12/13/17/28AB/6 6/71 TRX
ANT2	2G: GSM B2/3/5/8 3G: WCDMA B1/2/4/5/8 4G: FDD B1/2/3/4/5/7/8/12/13/17/28AB/6 6/71 DRX





## 2.4 DUT setup photo of free space OTA testing

Planfonn



3.3 Test data

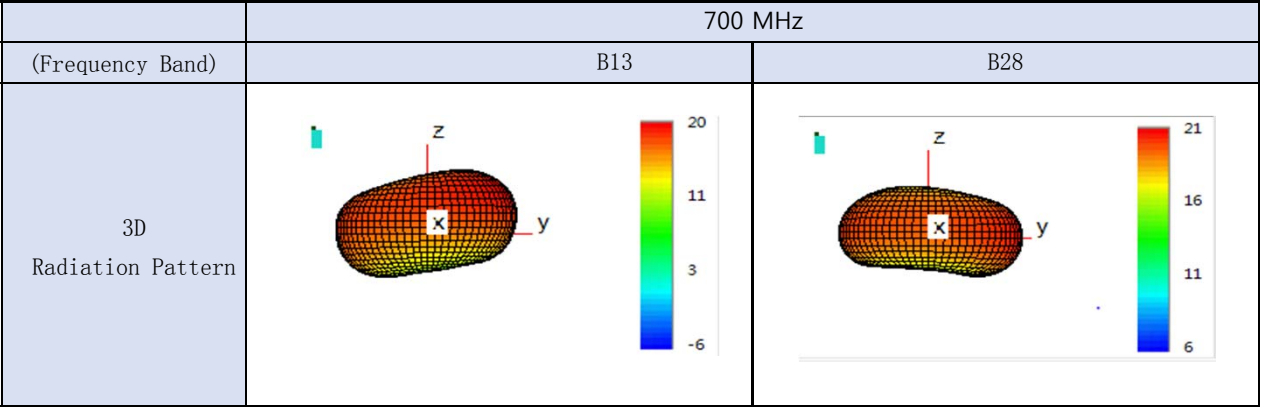
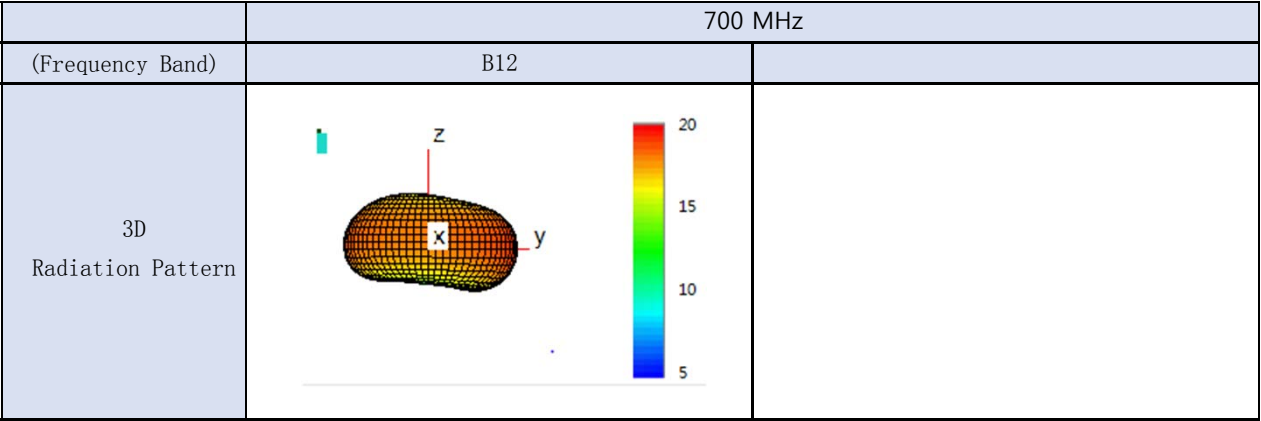
C9  
RF Antenna  
Gain

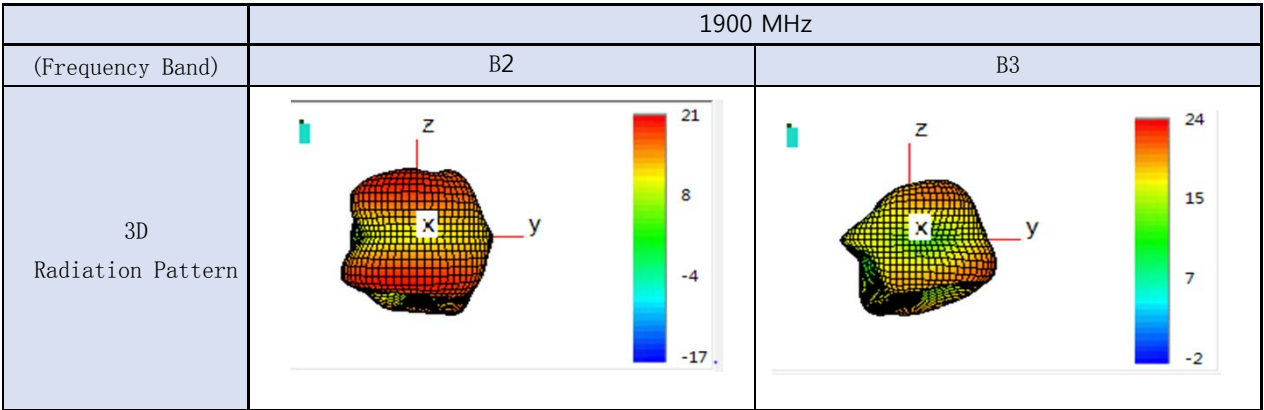
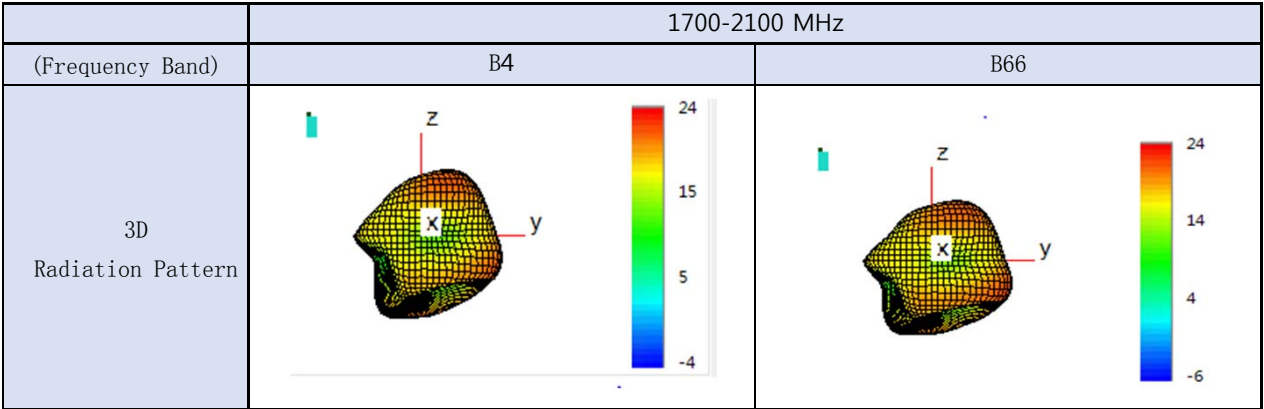
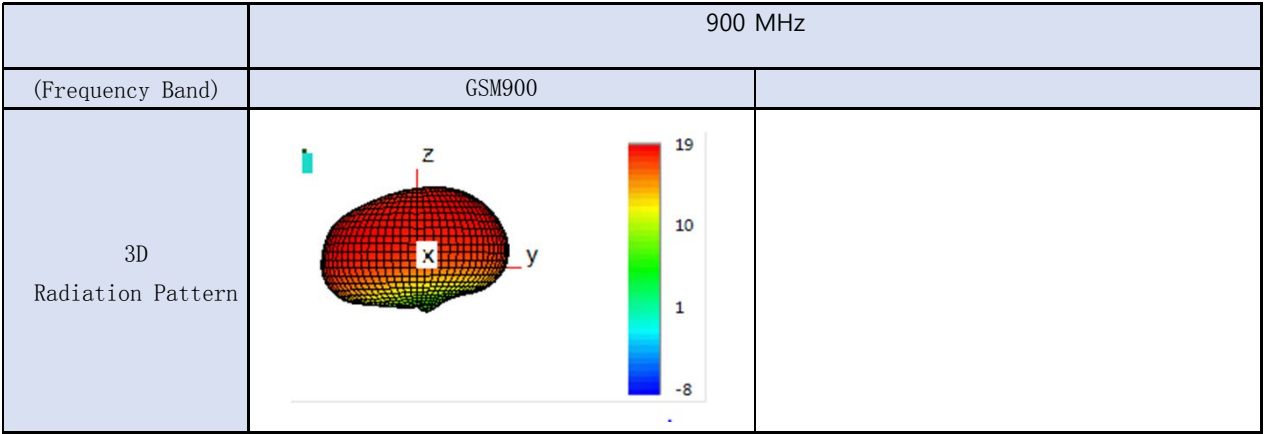
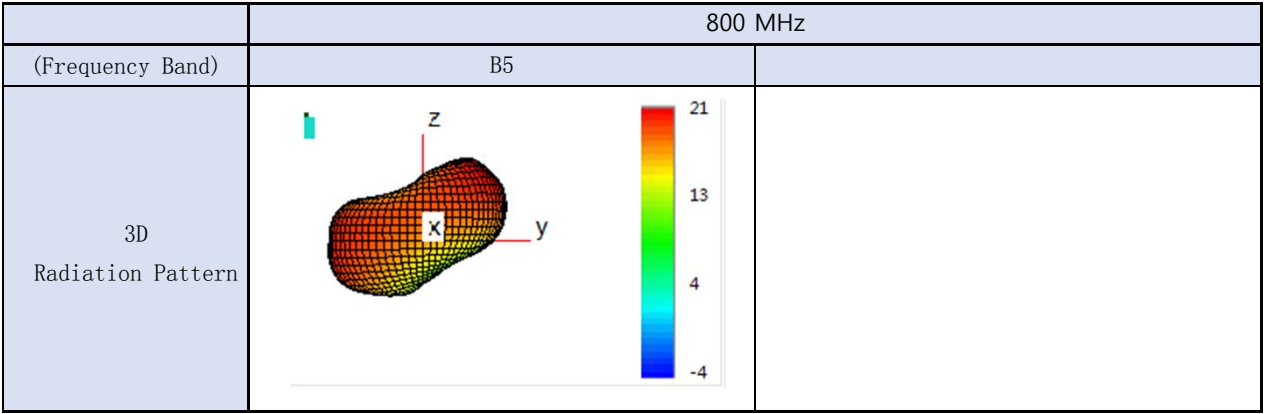
C9-天线增益						
Antenna	Pattern	Gain(dBi)				
ANT0- TX GPS/WIFI2.4G/BT	PIFA	GPS L1		WIFI 2.4G		BT
		-1.5		-3.5		-3.5
ANT1 TX	PIFA	FDD 1	FDD 2	FDD 3	FDD 4	FDD 5
		-2.2	-2.3	-3	-3	-3.2
	PIFA	FDD 7	FDD 8	FDD 12	FDD 13	FDD 17
		-3.2	-3.5	-3.4	-3.5	-3.5
	PIFA	FDD 28	FDD 66	FDD 71		
		-3.8	-3	-3.8		
	PIFA	W1	W2	W4	W5	W8
		-2.2	-2.3	-3	-3.2	-3.5
	PIFA	GSM 850	GSM 900	DCS1800	PCS1900	
		-3.2	-3.5	-3	-2.3	



● **Radiation Pattern**

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





	2100MHz	
(Frequency Band)	B1	
3D Radiation Pattern		

	2500MHz-2700 MHz	
(Frequency Band)	B38	
3D Radiation Pattern		

	2.4GHz-5GHz	
(Frequency Band)	WiFi 2.45GHz	
3D Radiation Pattern		

(Frequency Band)	1575 MHz
3D Radiation Pattern	