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

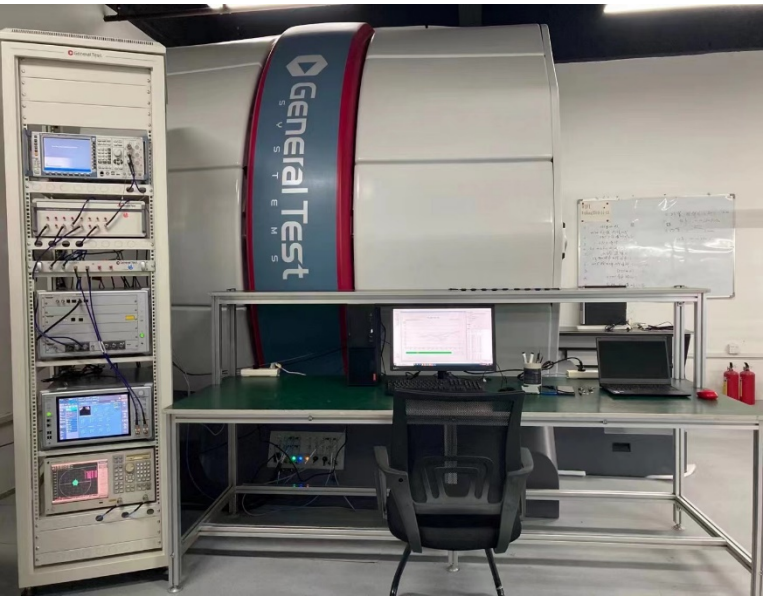
1.General Information

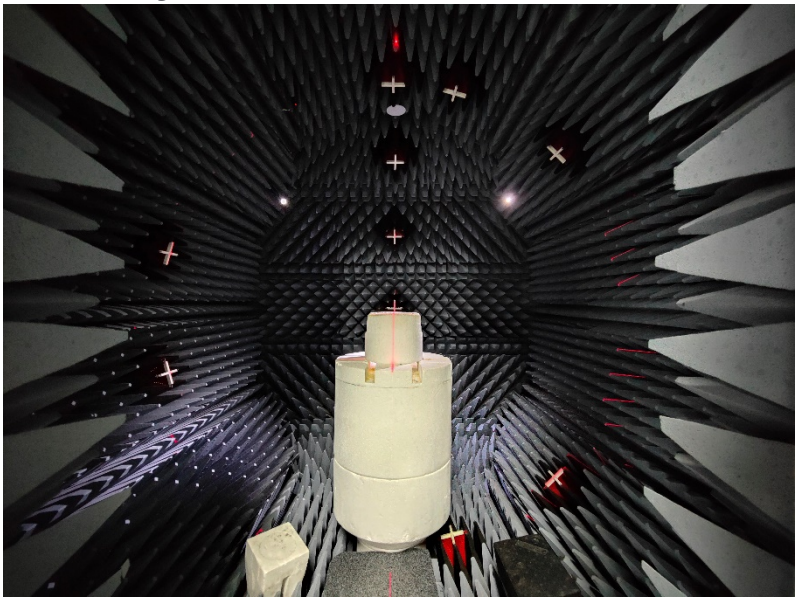
1.1 General information of testing institutions

Name **Address**	shenzhen Fu Bang Wireless Technical Limitied 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

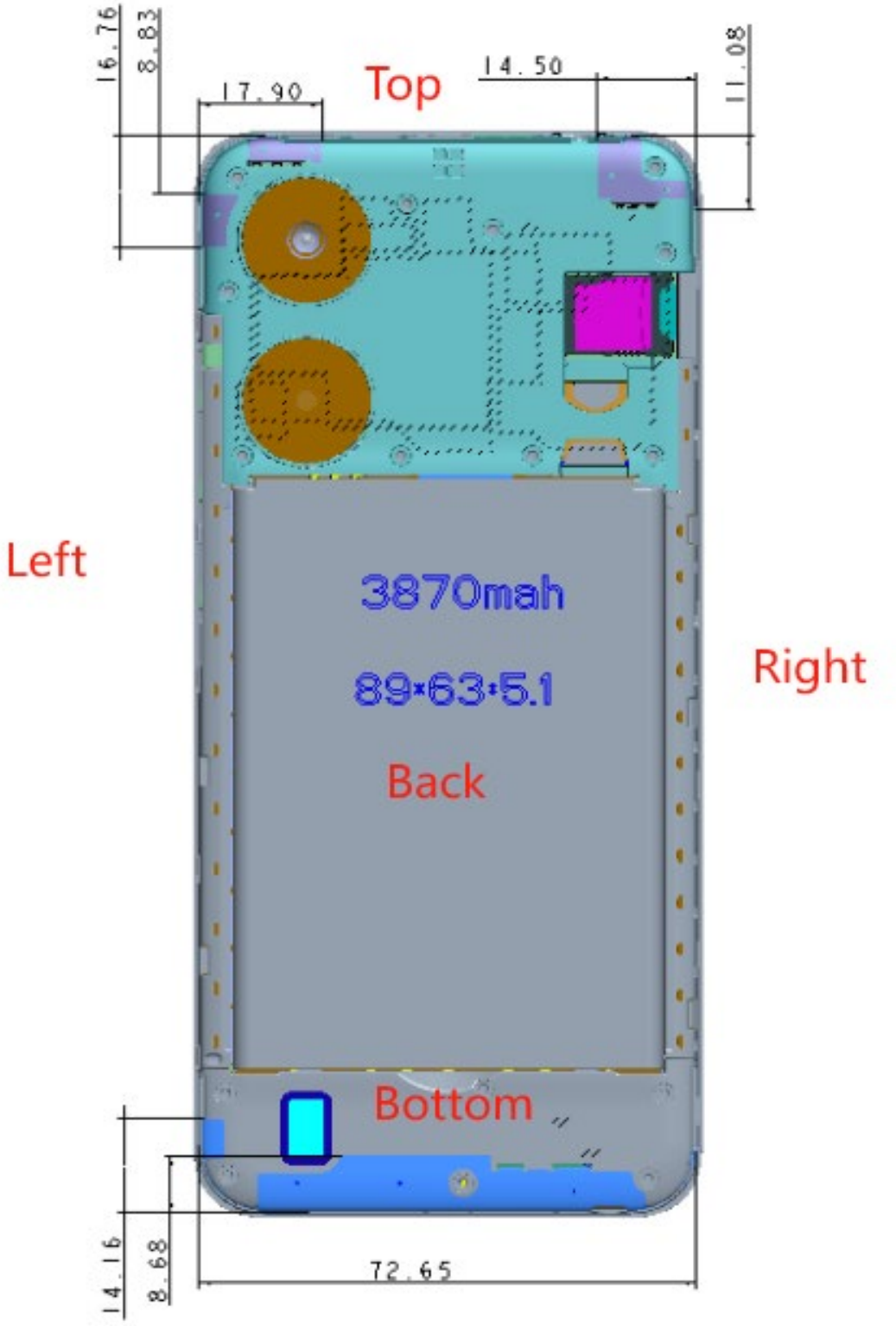
Name	Coosea Group Co.,Ltd.	
Address	9th Floor,	Tower 1,Foresea Life Center,Xingye Road, Bao'an District,Shenzhen
Contacts	Guang sheng Yu	
Tel	13714909565	/
E-mai]	yuguangsheng@cooseagroup.com	

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	

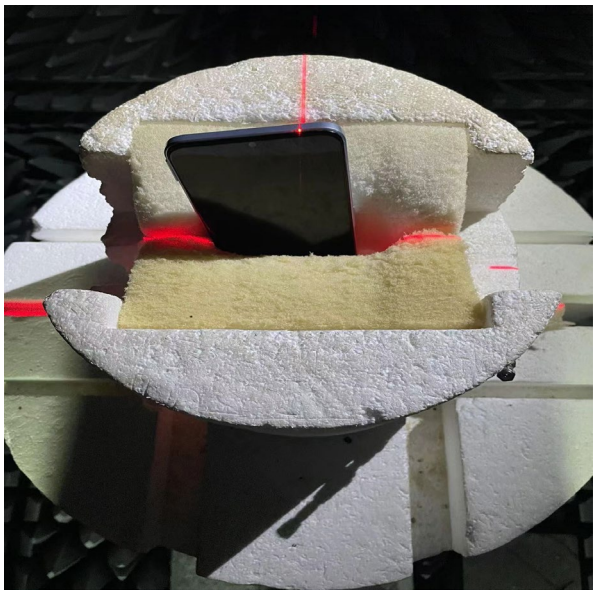
2.3 EUT appearance

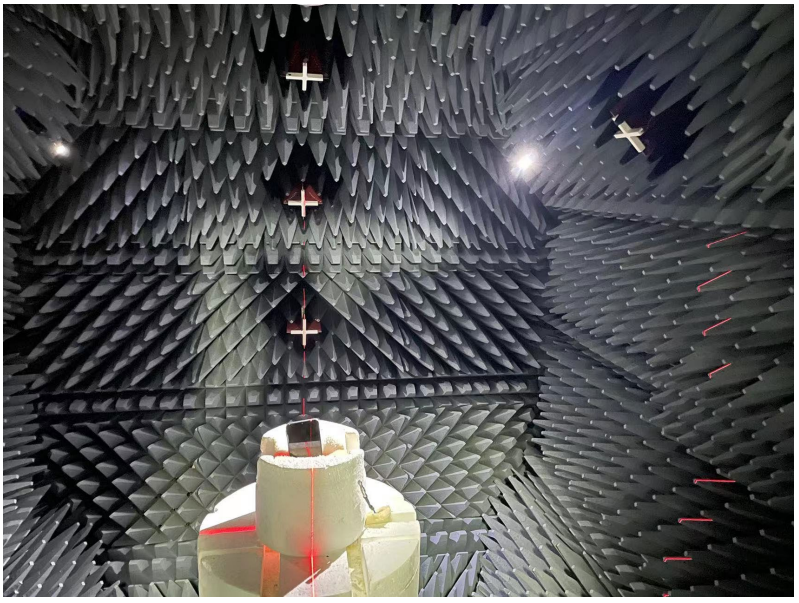
ANTO	GPSL1/WIFI2.4G/BT
ANT1	2G: GSM B2/3/5/8 3G: WCDMA B1/2/4/5/8 4G: FDD B1/2/3/4/5/7/8/12/13/17/28AB/66/71 TRX
ANT2	2G: GSM B2/3/5/8 3G: WCDMA B1/2/4/5/8 4G: FDD B1/2/3/4/5/7/8/12/13/17/28AB/66/71 DRX


16.76
8.83
17.90
Top
14.50
11.08
Left
3870mah
89*63*5.1
Back
Right
Bottom
14.16
8.68
72.65

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.

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