



REPORT No. : SZ22120241E10

TEST REPORT

APPLICANT : SHENZHEN EMEET TECHNOLOGY CO., LTD.

PRODUCT NAME : EMEET OfficeCore M0 Plus

MODEL NAME : E1103,E110301,E110302,E110303,E110304,E110305,E110306

TRADE NAME :  EMEET

BRAND NAME :  EMEET

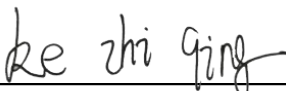
STANDARD(S) : IEEE Std 149-2021

RECEIPT DATE : 2022-12-26

TEST DATE : 2022-12-30

ISSUE DATE : 2023-01-16

Edited by:


Ke Zhiqing(Rapporteur)

Approved by:


Chi Shide(Supervisor)

NOTE: This document is issued by Shenzhen Morlab Communications Technology Co., Ltd., the test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and information confirmed at our website.

MORLAB

Shenzhen Morlab Communications Technology Co., Ltd., FL1-3, Building A,
FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District,
ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555

Http://www.morlab.cn

Fax: 86-755-36698525

E-mail: service@morlab.cn





DIRECTORY

1. Technical Information	3
1.1. Applicant and Manufacturer Information	3
1.2. Equipment Under Test (EUT) Description	3
2. Test Results	5
2.1. Applied Reference Documents	5
2.2. Test Conditions	5
2.3. Measurement Uncertainty	5
2.4. Test Results lists	6
Annex A Test Setup Photos	7
Annex B Figures	8
1. 2D Radiation Pattern	8
2. 3D Radiation Pattern	9
Annex C EUT Photos	11
Annex D General Information	17
1.1 Identification of the Responsible Testing Laboratory	17
1.2 Identification of the Responsible Testing Location	17
1.3 Test Equipments Utilized	17

Change History		
Version	Date	Reason for change
1.0	2023-01-16	First edition



1. Technical Information

Note: Provide by applicant.

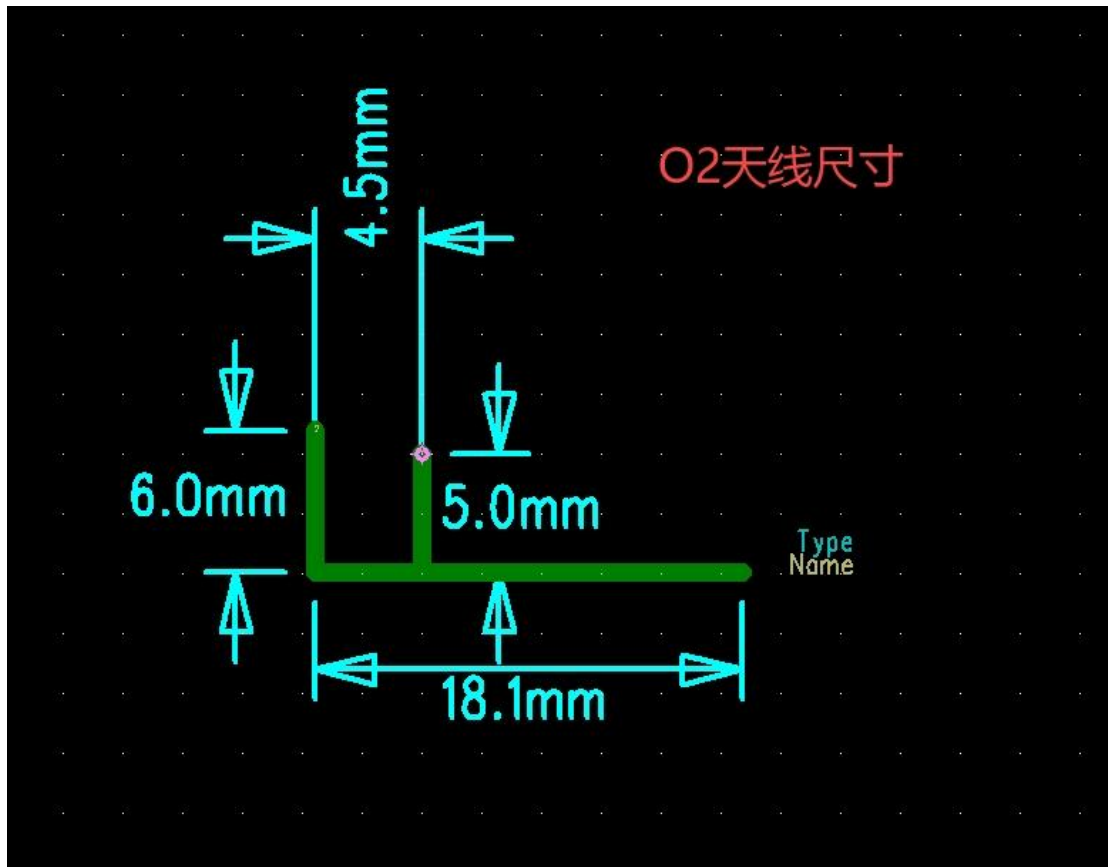
1.1. Applicant and Manufacturer Information

Applicant:	SHENZHEN EMEET TECHNOLOGY CO., LTD.
Applicant Address:	Unit 2C, building A6, Guangming Science Park, Guanguang Road 3009, Guangming District, Shenzhen, China
Manufacturer:	SHENZHEN EMEET INTELLIGENT TECHNOLOGY CO., LTD
Manufacturer Address:	A401、 B401, Building B5, Guangming Science Park, Guanguang Road , Fenghuang community,Fenghuang Street, Guangming District, Shenzhen, China

1.2. Equipment Under Test (EUT) Description

Wireless Type	Bluetooth
Test frequency band	2400MHz-2483.5MHz
Brand name	 EMEET
Antenna model	E1103,E110301,E110302,E110303,E110304,E110305,E110306
Antenna type	PCB Antenna
Hardware Version	N/A
Software Version	N/A
IMEI	N/A
Sample No.	4#

Dimensions:



Note:

1. Hereby,we,<SHENZHEN EMEET TECHNOLOGY CO., LTD.>,declare that for model number:E1103,E110301,E110302,E110303,E110304,E110305,E110306 have the same hardware,software,electrical circuit design,layout,components used and internal wiring.These models are mainly used for the division of sales areas,so only different in model name.
2. The sample photos shall be provided separately in Appendix C according to customer requirements.



2. Test Results

2.1. Applied Reference Documents

Leading reference documents for testing:

No.	Identity	Document Title
1	IEEE Std 149-2021	IEEE Recommended Practice for Antenna Measurements

2.2. Test Conditions

Test Environment Conditions:

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

2.3. Measurement Uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO.

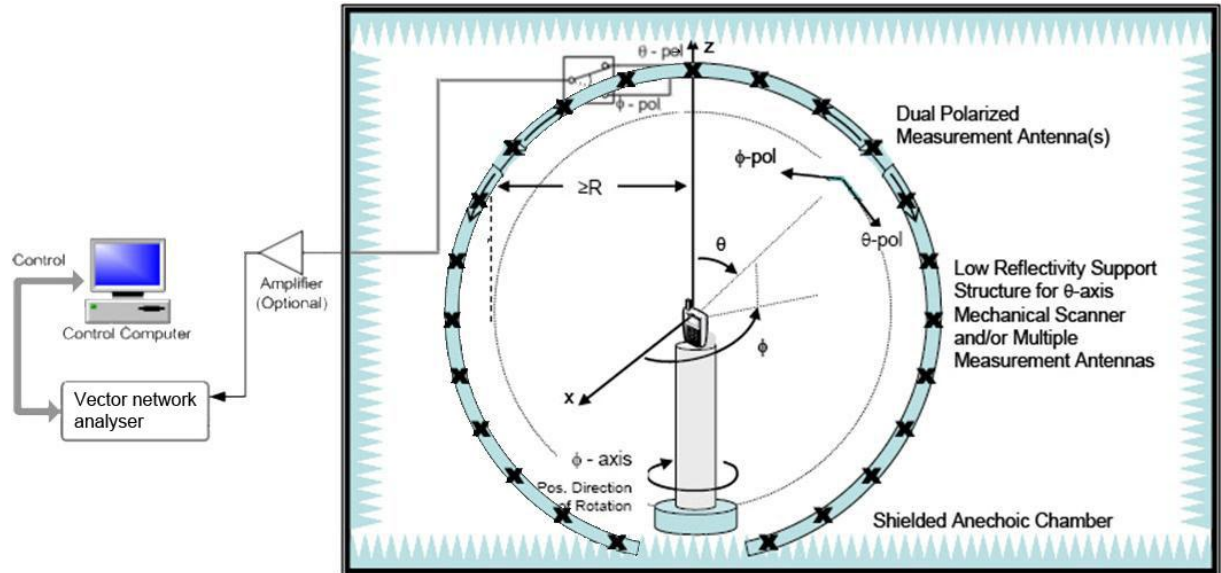
Item	Measurement Uncertainty(dB)
Gain	±0.5
VSWR	±0.2
Measurement Uncertainty(95% Confidence Interval) K=2	

2.4. Test Results lists

2.4.1. Gain

Frequency	Gain(dBi)
2400MHz	-0.86
2410MHz	-0.44
2420MHz	-0.21
2430MHz	-0.21
2440MHz	0.00
2450MHz	0.22
2460MHz	0.24
2470MHz	0.32
2480MHz	0.32
2490MHz	0.41
2500MHz	0.73

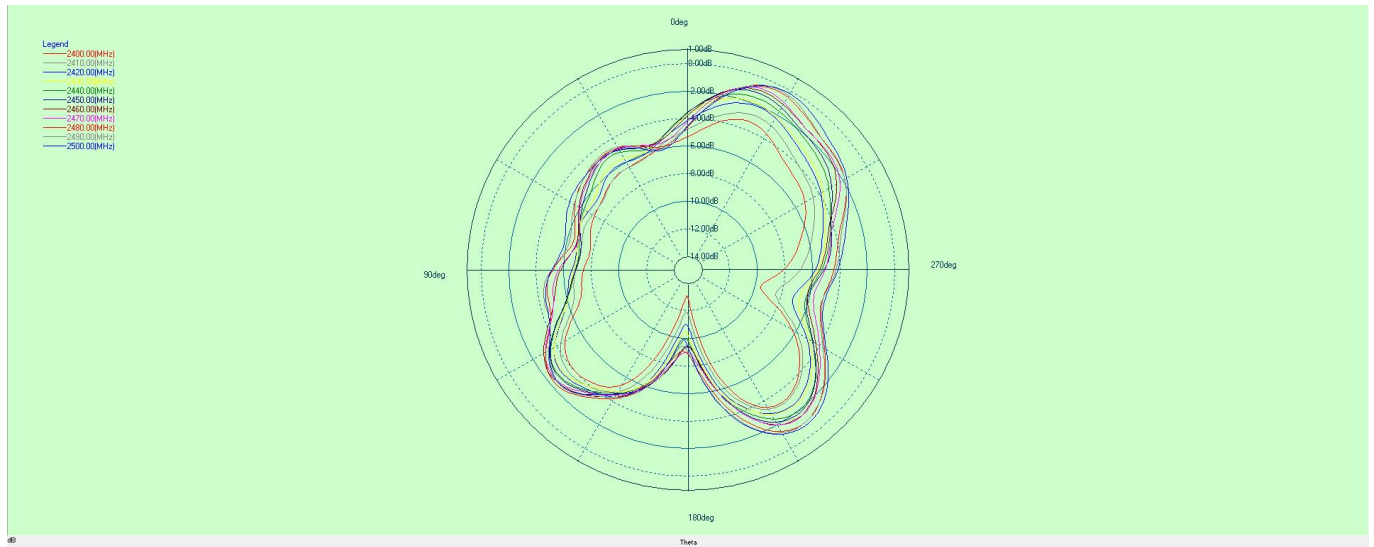
Annex A Test Setup Photos



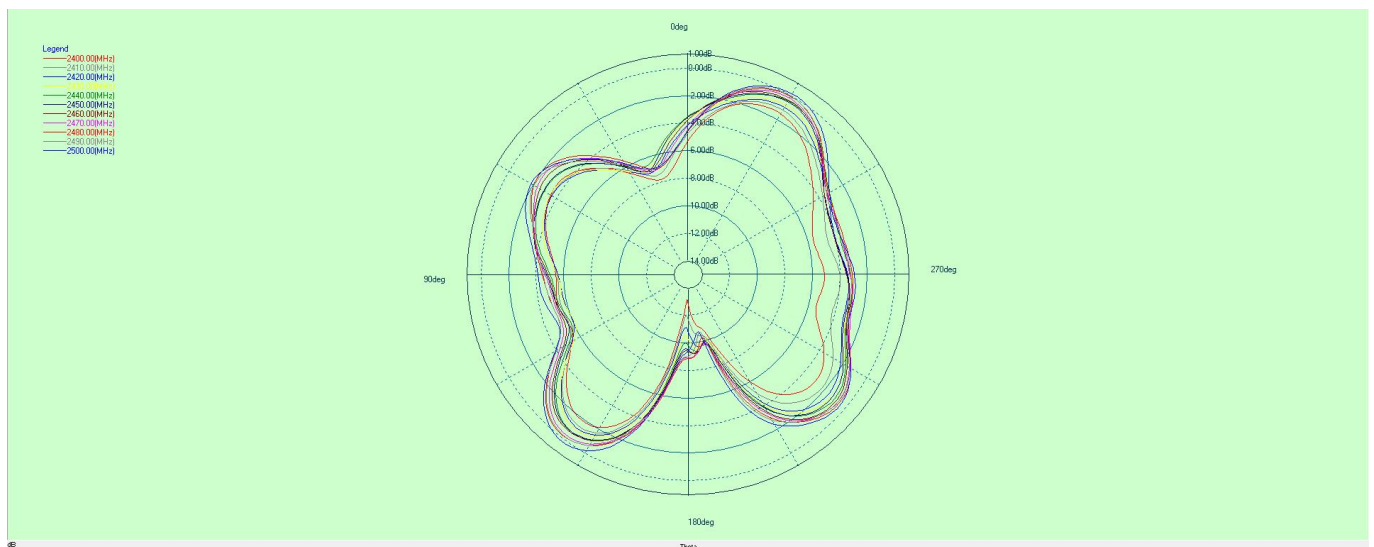
Annex B Figures

1. 2D Radiation Pattern

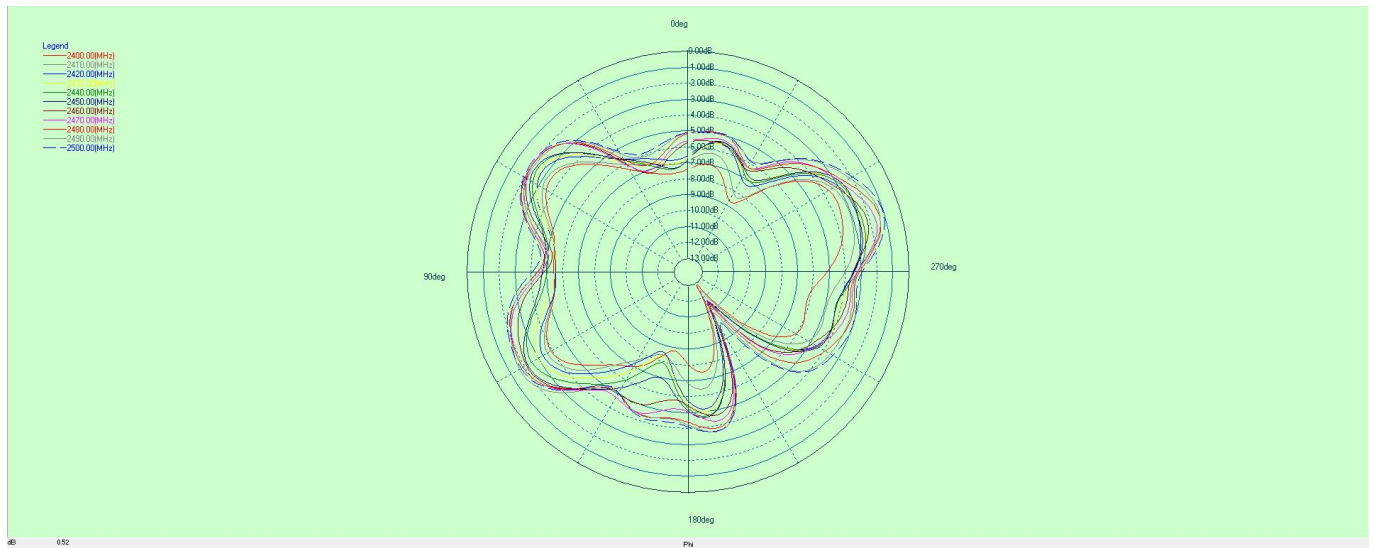
Phi=0°



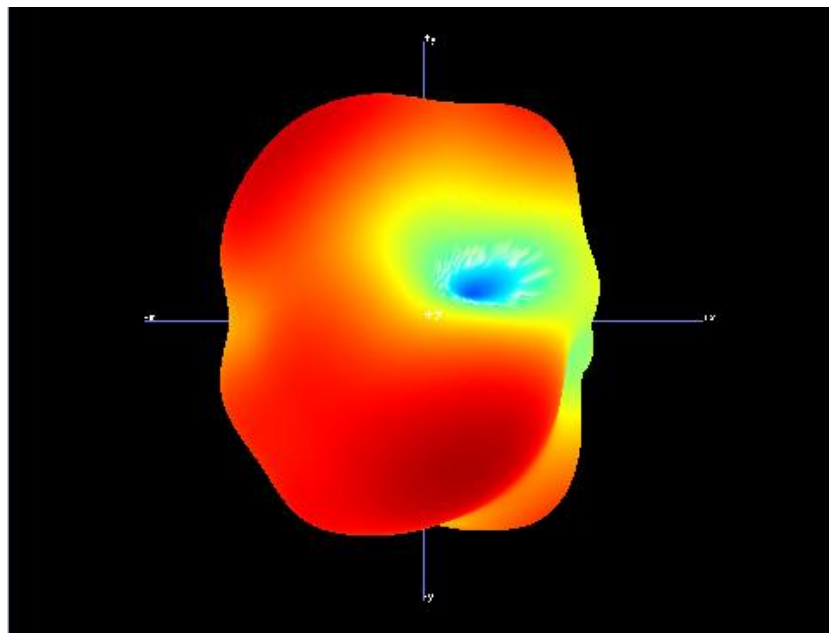
Phi=90°



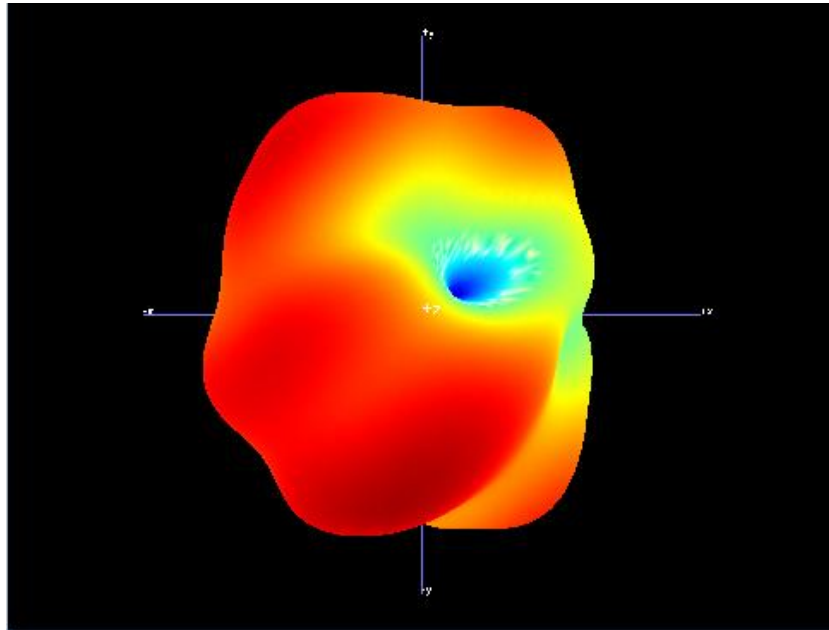
Theta=90°



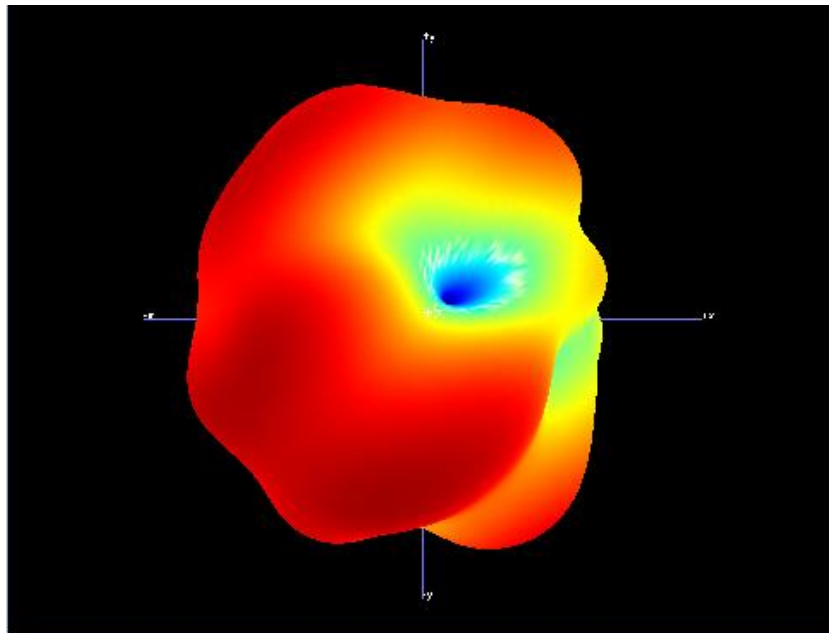
2. 3D Radiation Pattern



2400MHz



2440MHz



2480MHz



Annex D General Information

1.1 Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

1.2 Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

1.3 Test Equipments Utilized

NO.	Equipment Name	Serial NO.	Type	Manufacturer	Cal.Date	Cal.Due Date
1	Vector Network Analyzer	MY46214666	E5071C	Agilent	2022.03.01	2023.02.28
2	OTA Chamber	N/A	SG24	Satimo	2021.01.12	2024.01.11
3	SatEnv	N/A	2.0.1.5 build 12	Satimo	N/A	N/A
4	SPM	N/A	1.11	Satimo	N/A	N/A

————— END OF REPORT —————