天线图

1、 Test Environment condition:

Ambient Temperature	19 to 25℃
Ambient Relative Humidity	45 to 55 %

2、 Technical Information

Frequency Range	2400MHz ~2500MHz
Test Frequencies	2402MHz 2441MHz 2480MHz

3、 Test Uncertainty

item	Uncertainty
VSWR(S11)	0.2dB
Gain	2.5dB

深圳市一线通线缆有限公司
ShenzhenYixiantongCableCo.,Ltd
制造商地址：深圳市宝安区沙井街道万丰98工业城21栋
Manufacturer'saddress:Building21,Wanfeng98
IndustrialCity,ShajingStreet,Bao'anDistrict,Shenzhen

4 GENERAL TEST CONFIGURATIONS

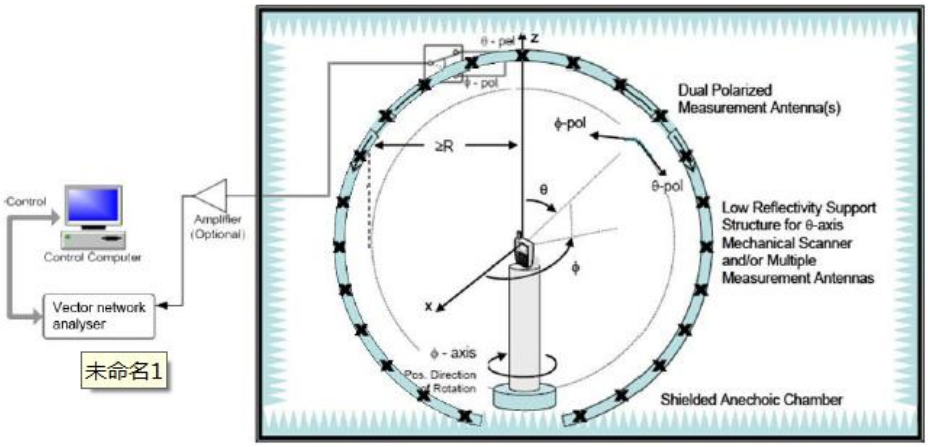
4.1 Test Condition

Environment Parameter	Selected Values During Tests		
	Temperature	Voltage	Relative Humidity
Normal Temperature, Normal Voltage (NTNV)	25°C	N/A	51%

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Vector Network Analyzer	Agilent	E5071C	MY46103472	2014.09.07	2015.09.06
5*5*5 Full Anechoic Chamber	SATIMO	5*5*5	N/A	2014.09.05	2015.09.04
SG24 Multi-probe Antenna Measurement System	SATIMO	SG24-L	1101855-0001	2014.10.25	2015.10.24

4.3 Test Setup



ANNEX A TEST RESULTS

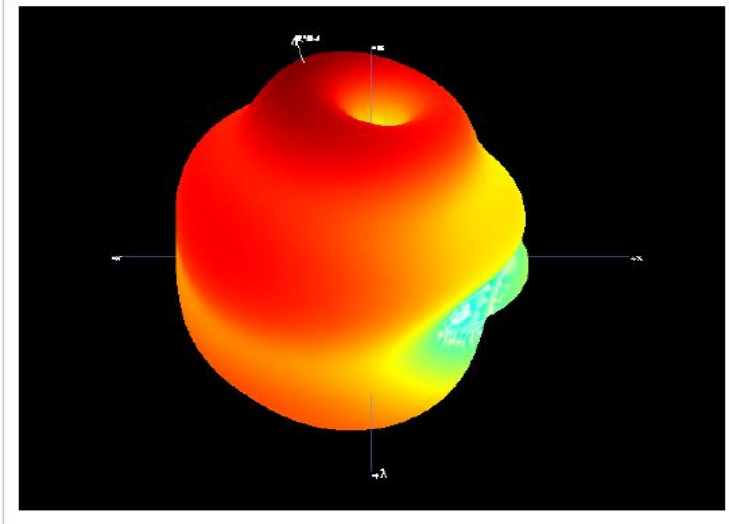
A.1 Gain and Efficiency

Frequency	Gain (dBi)	Efficiency (%)
2402MHz	2.91	41
2441MHz	2.26	40
2480MHz	3.00	42

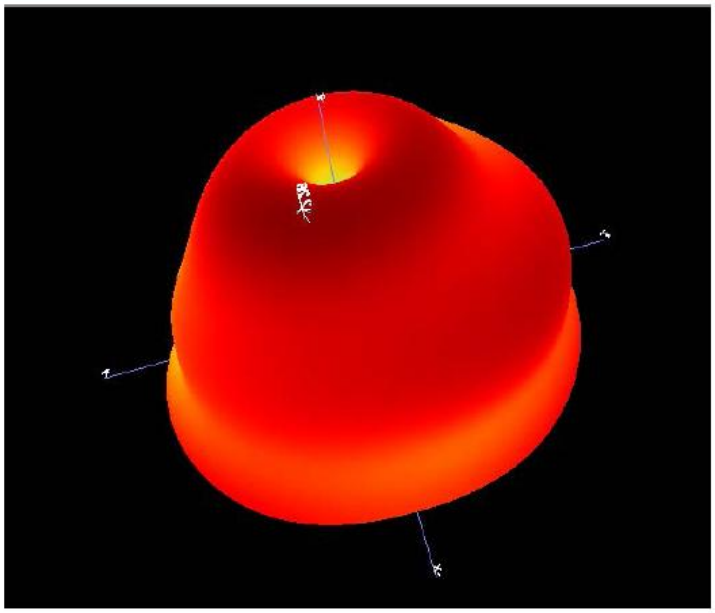
ANNEX B RADIATION PATTERN

B.1 3D Pattern

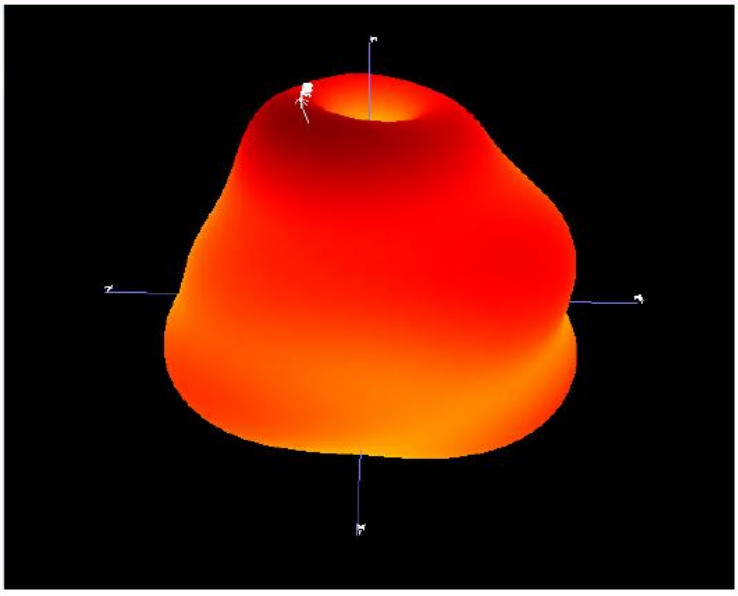
B1.1 3D Pattern for 2402MHz



B1.2 3D Pattern for 2441MHz

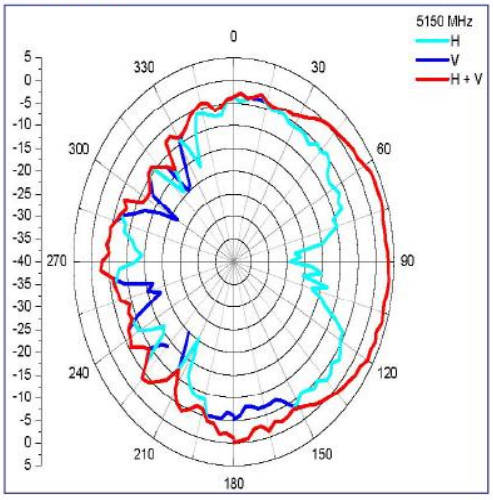


B1.3 3D Pattern for 2480MHz



Radiated Pattern diagram for Antenna Gain

Sample

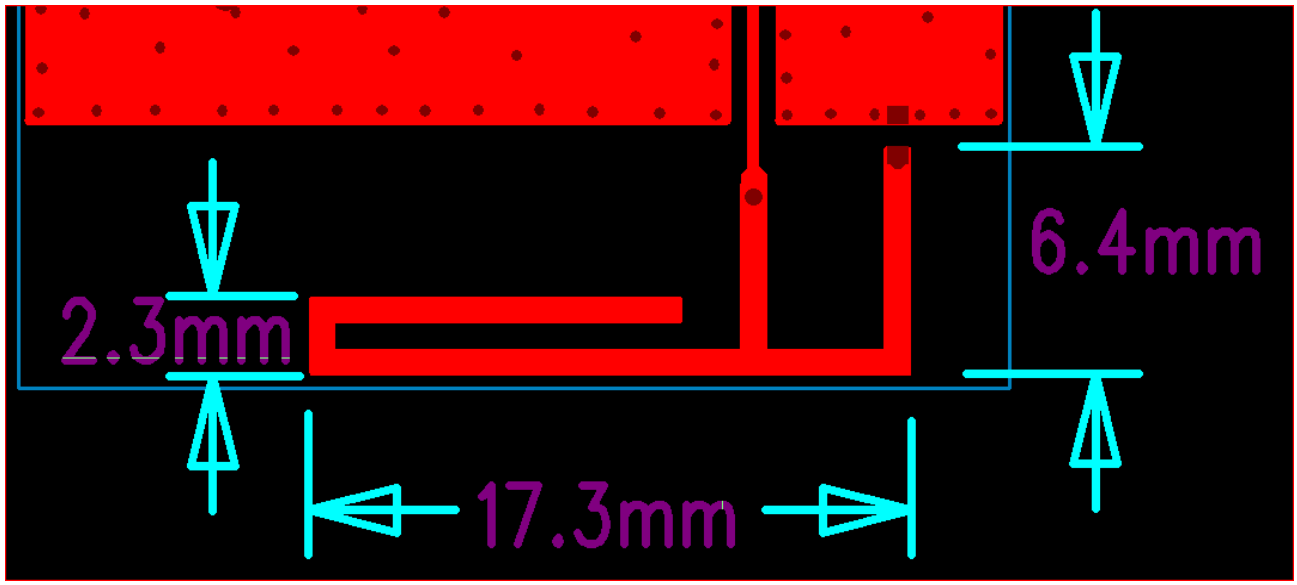


[Radiated Pattern diagram]

♣ **request the information**

1. radiation pattern diagram with dBi Value
2. radiation pattern diagram test company
3. Antenna Manufacture
4. Antenna Gain (Peak Gain with dBi Value)
5. Antenna type
6. Antenna length & photo(If it needed)
7. Polarization & Directional characteristic
8. Antenna model number

♣ **For most of "Extra-low output device, the antenna pattern diagram should be submitted.**


6.4mm
2.3mm
17.3mm