ANT SPECIFICATION

1、 Test Environment condition:

Ambient Temperature	19 to 25℃
Antenna type	Integral Antenna
Antenna model	B00011
Ambient Relative Humidity	45 to 55 %

2、 Technical Information

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

3、 Test Uncertainty

item	Uncertainty
VSWR(S11)	0.2dB
Gain	0.5dB

4 GENERAL TEST CONFIGURATIONS

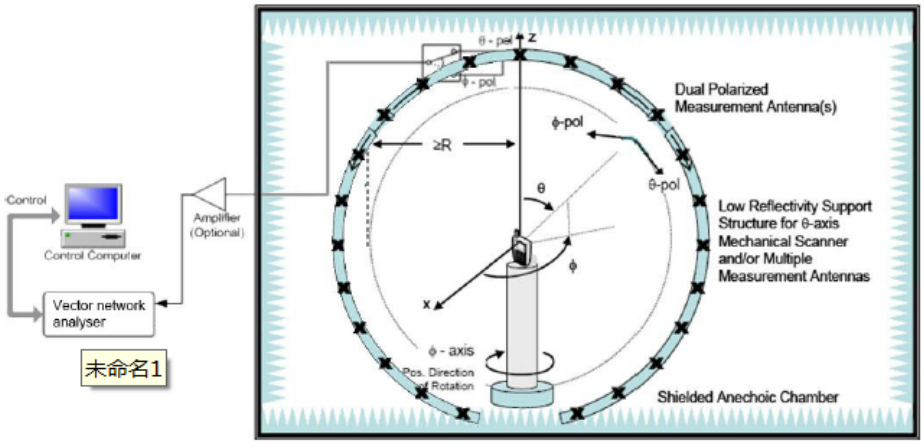
4.1 Test Condition

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

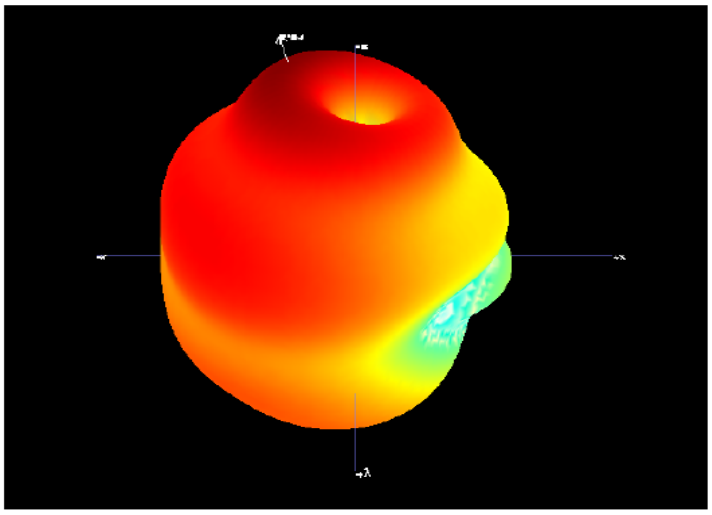
A.1 Gain and Efficiency

Frequency	Gain (dBi)	Efficiency (%)
2402MHz	2.92	41
2441MHz	2.20	40
2480MHz	3.00	42

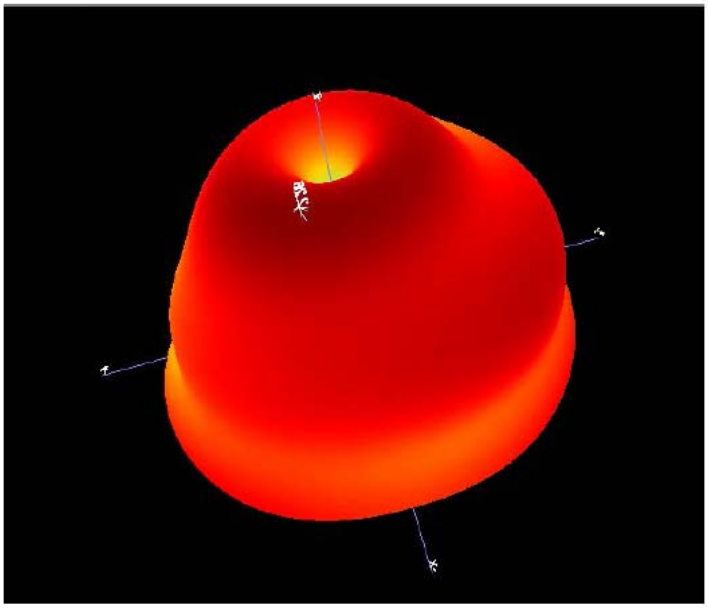
ANNEX B RADIATION PATTERN

B.1 3D Pattern

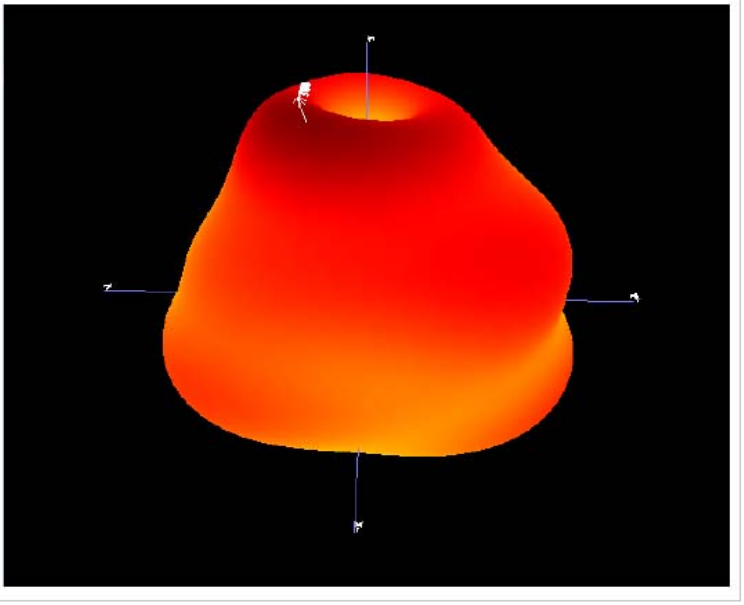
B1.1 3D Pattern for 2402MHz



B1.2 3D Pattern for 2441MHz

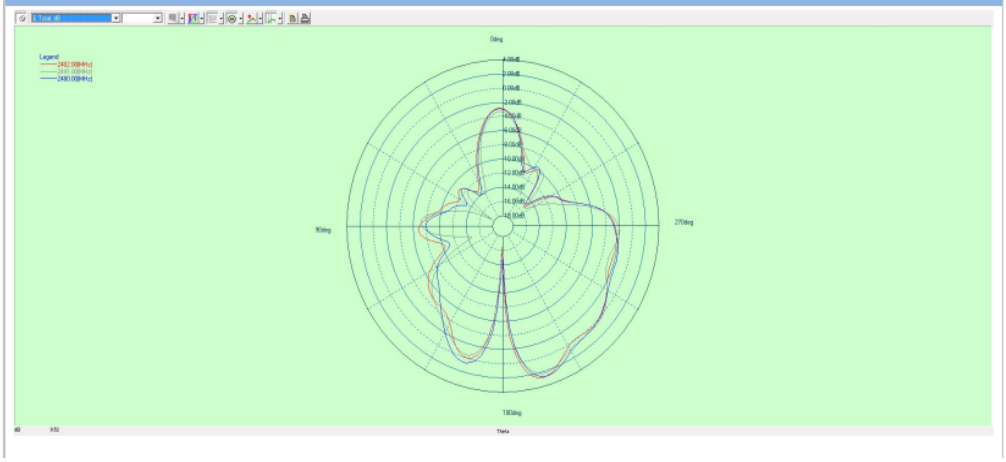


B1.3 3D Pattern for 2480MHz

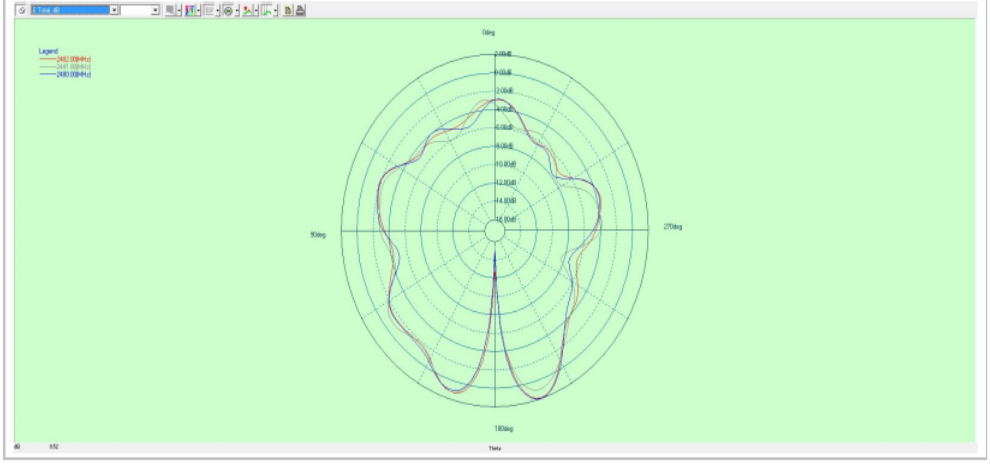


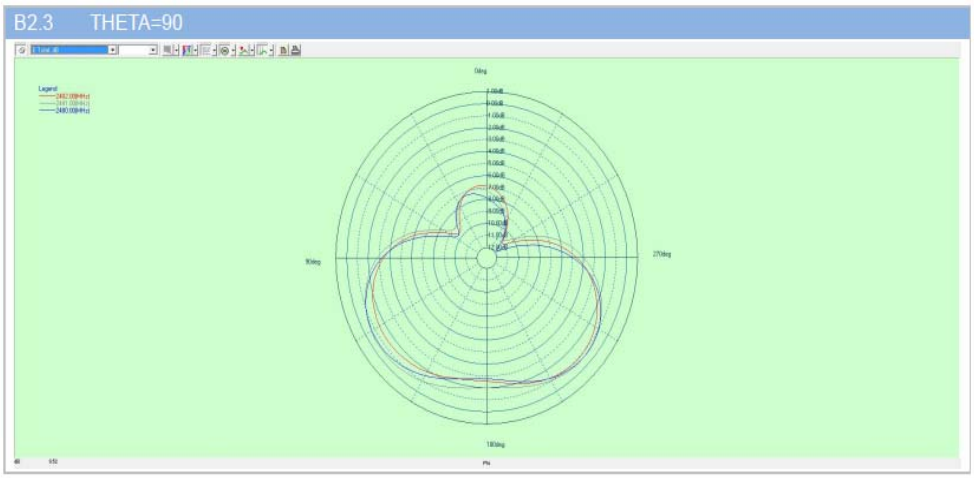
B.2 1D Radiation Pattern

B2.1 PHI=0



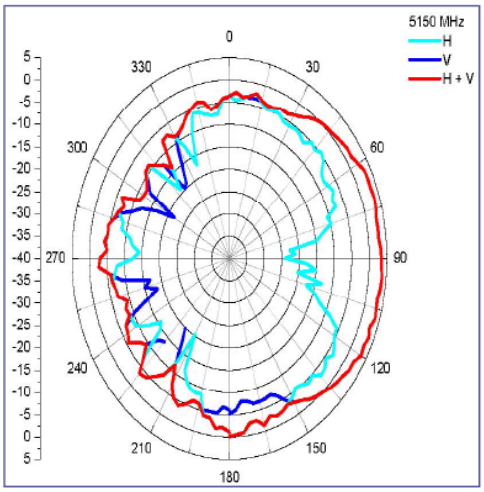
B2.2 PHI=90





Radiated Pattern diagram for Antenna Gain

Sample

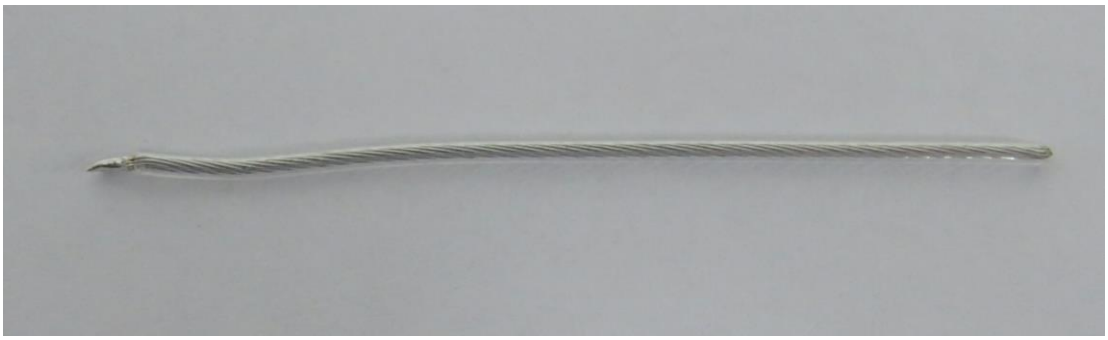


[Radiated Pattern diagram]

♣ **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.**



Manufacturer: Dongguan Kaiyun Technology Co., Ltd.

Address: Registered Address: No. 1, Jinhe Wenming 4th Street, Zhangmutou Town, Dongguan City, Guangdong Province