

ANT SPECIFICATION

1、 Test Environment condition:

Ambient Temperature	19 to 25°C
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

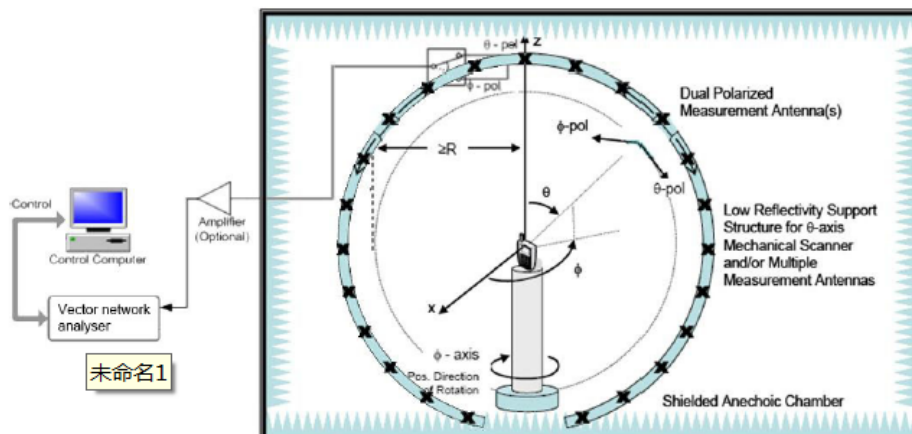
4.1 Test Condition

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



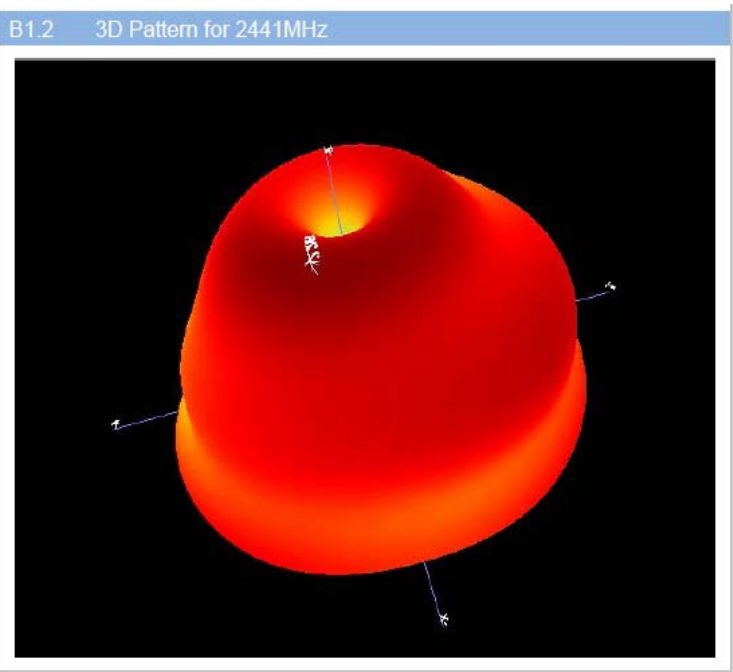
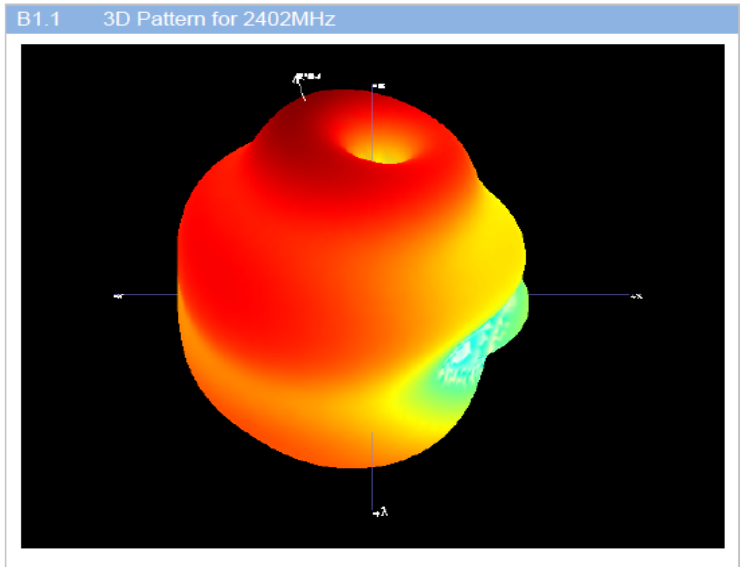
ANNEX A TEST RESULTS

A.1 Gain and Efficiency

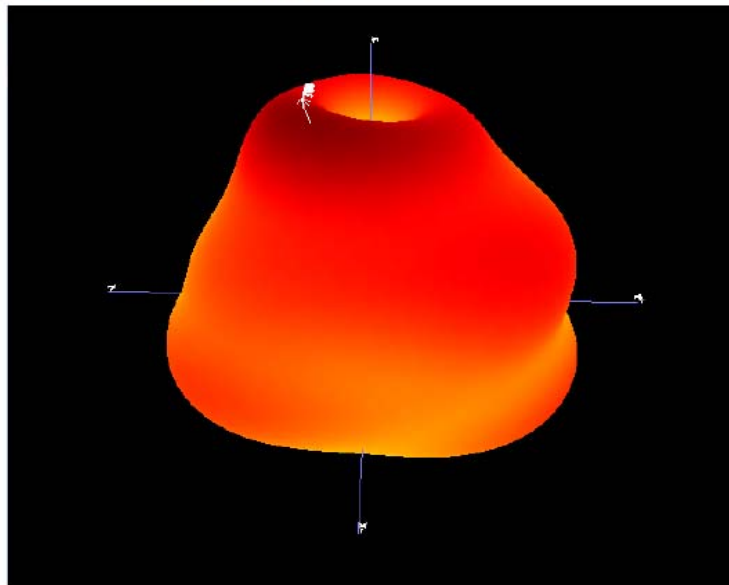
Frequency	Gain (dBi)	Efficiency (%)
2402MHz	2.92	41
2441MHz	2.20	40
2480MHz	3.00	42

ANNEX B RADIATION PATTERN

B.1 3D Pattern

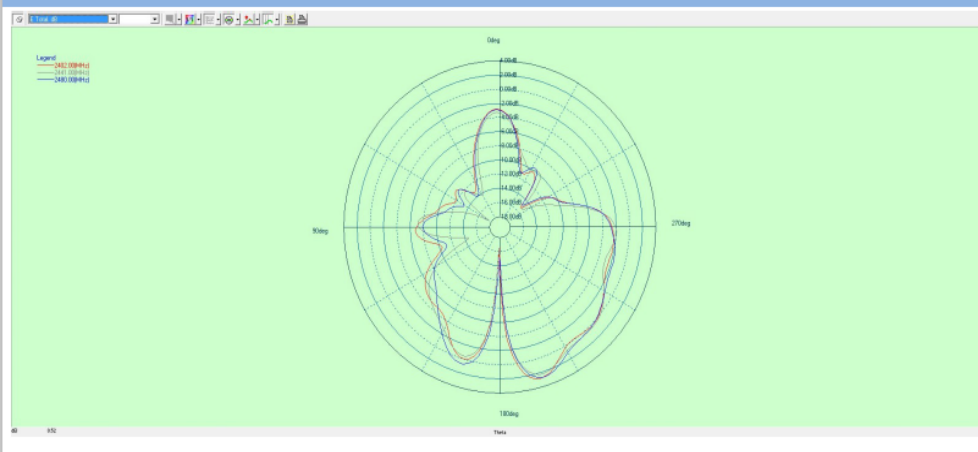


B1.3 3D Pattern for 2480MHz

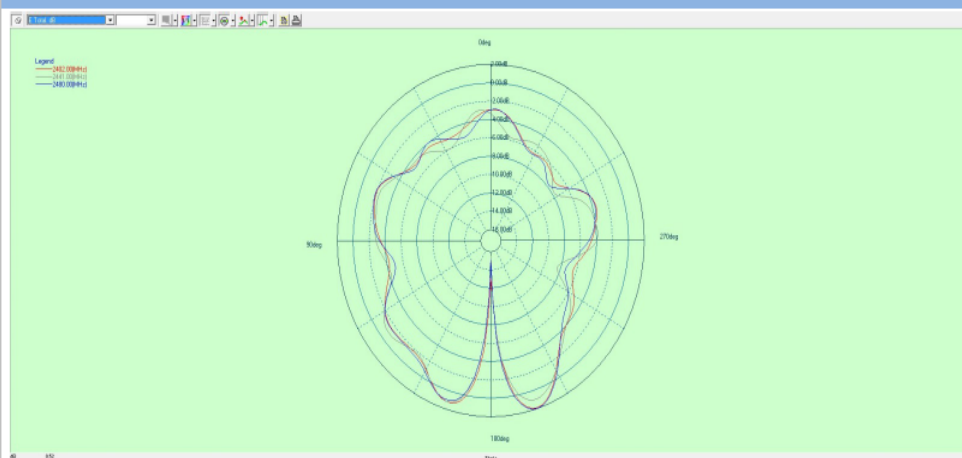


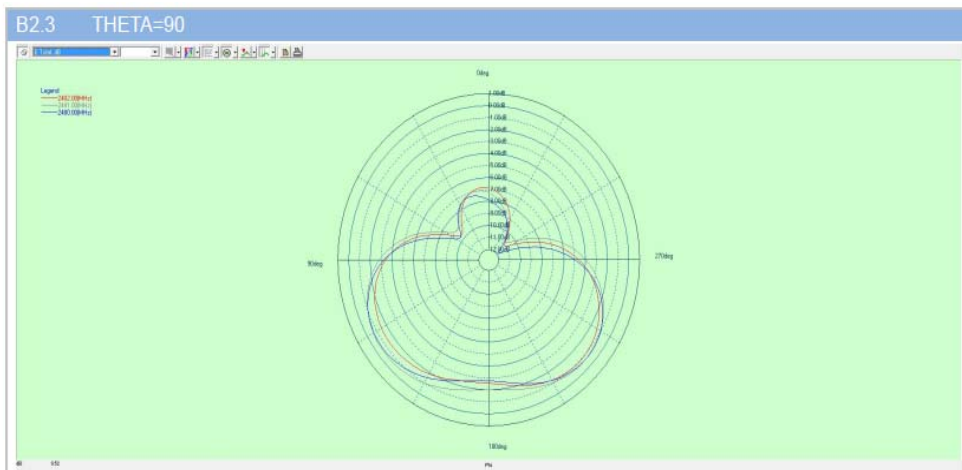
B.2 1D Radiation Pattern

B2.1 PHI=0



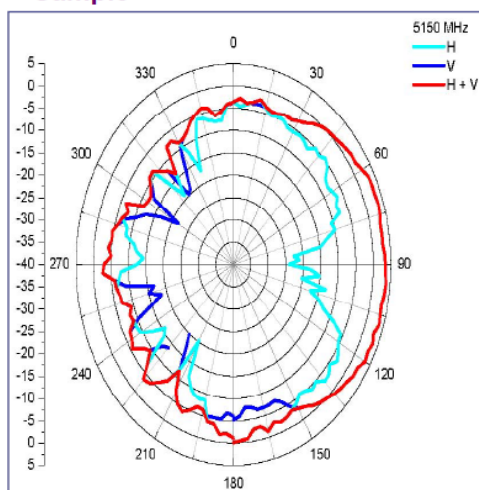
B2.2 PHI=90





Radiated Pattern diagram for Antenna Gain

Sample

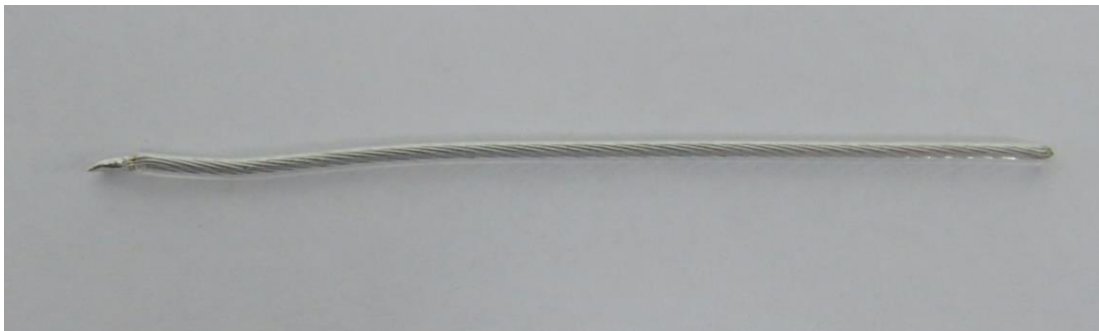


[Radiated Pattern diagram]

♣ 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