

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

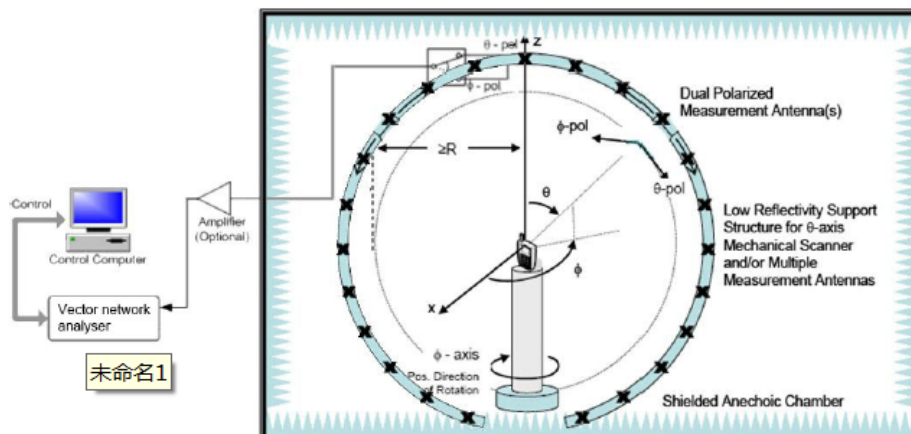
4.1 Test Condition

| 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



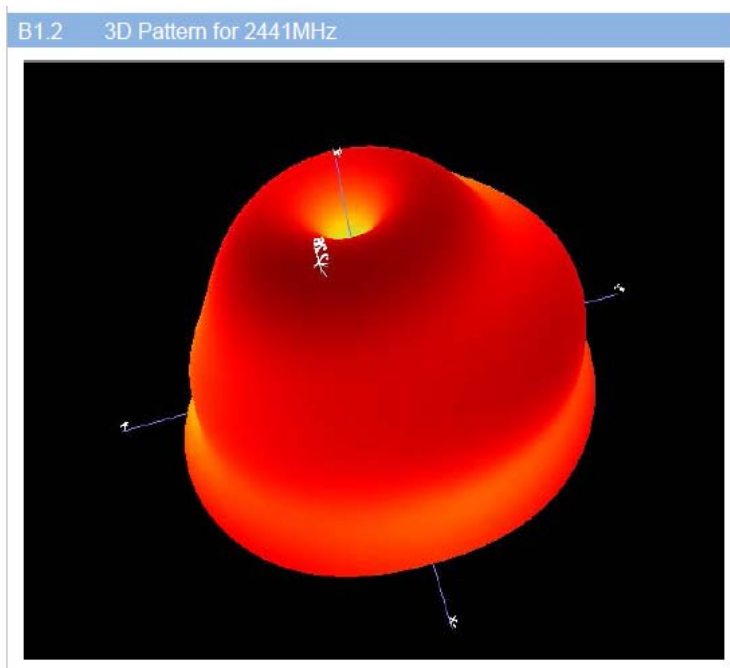
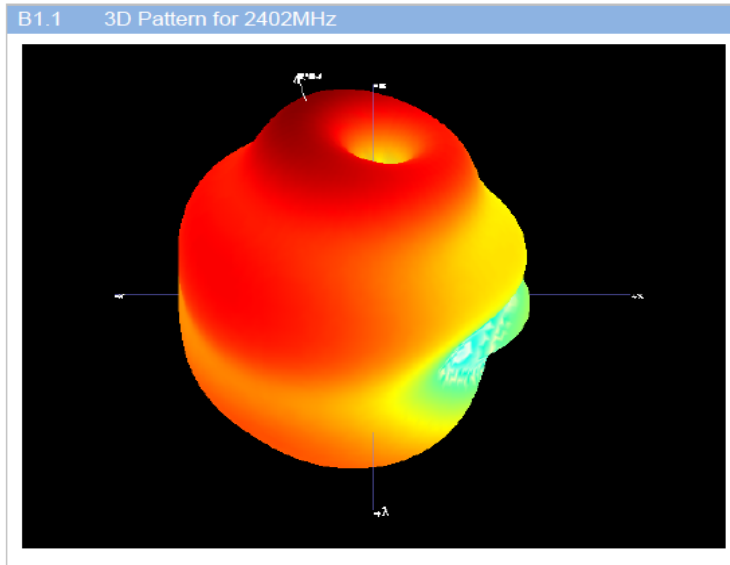
ANNEX A TEST RESULTS

A.1 Gain and Efficiency

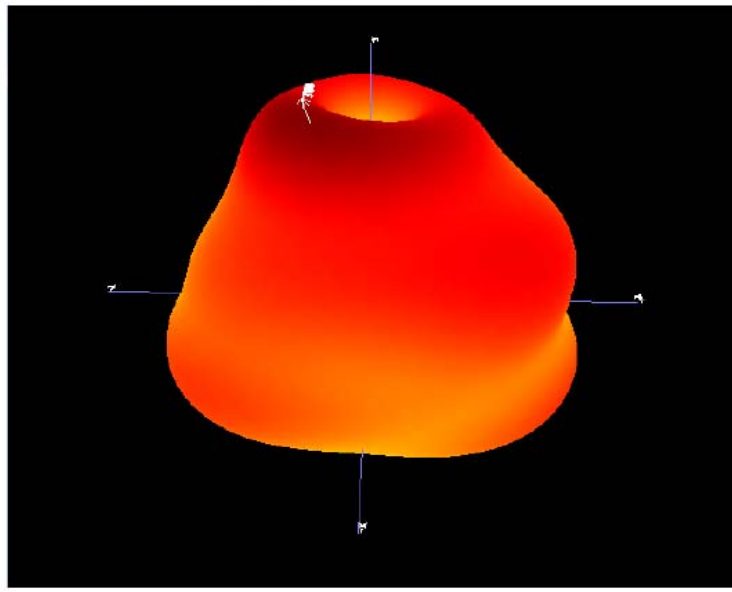
| Frequency | Gain (dBi) | Efficiency (%) |
|-----------|------------|----------------|
| 2402MHz | 2.92 | 41 |
| 2441MHz | 2.20 | 40 |
| 2480MHz | 3.00 | 42 |

ANNEX B RADIATION PATTERN

B.1 3D Pattern

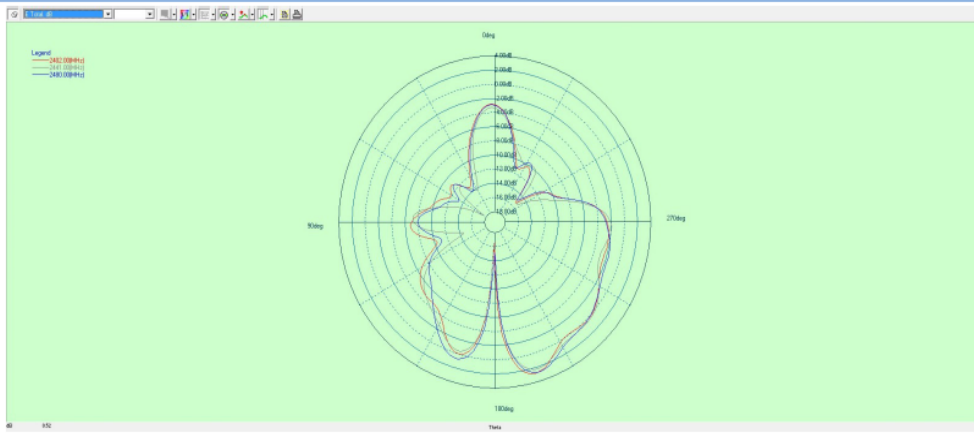


B1.3 3D Pattern for 2480MHz

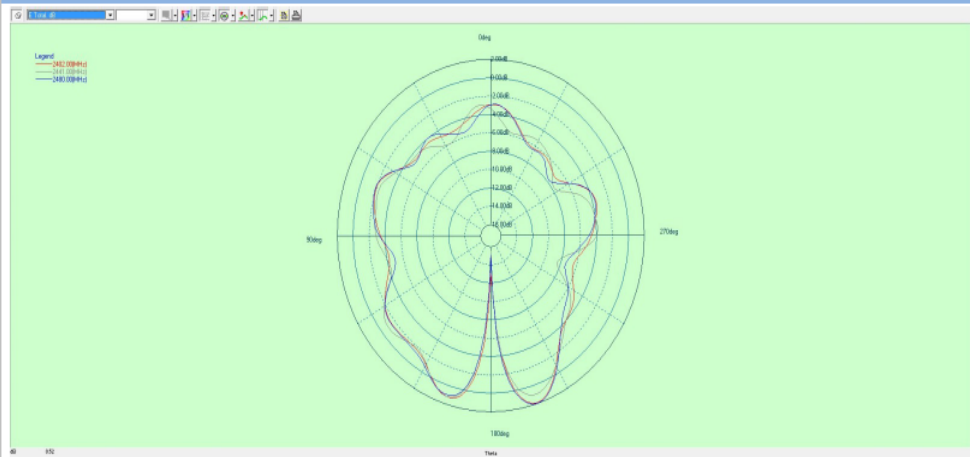


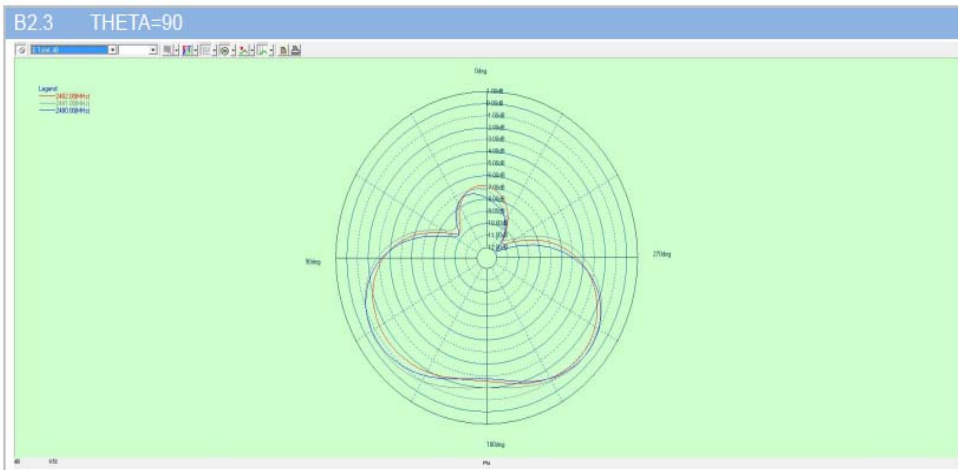
B.2 1D Radiation Pattern

B2.1 PHI=0



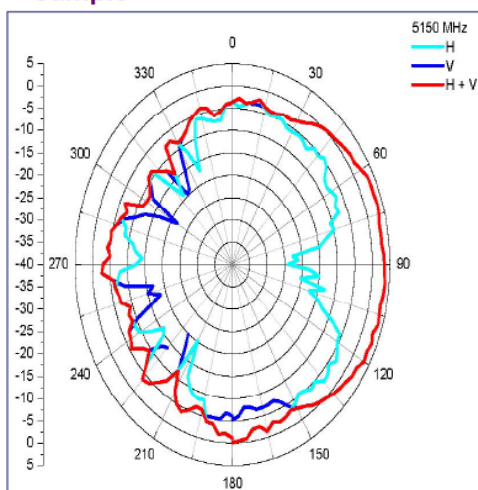
B2.2 PHI=90





Radiated Pattern diagram for Antenna Gain

Sample

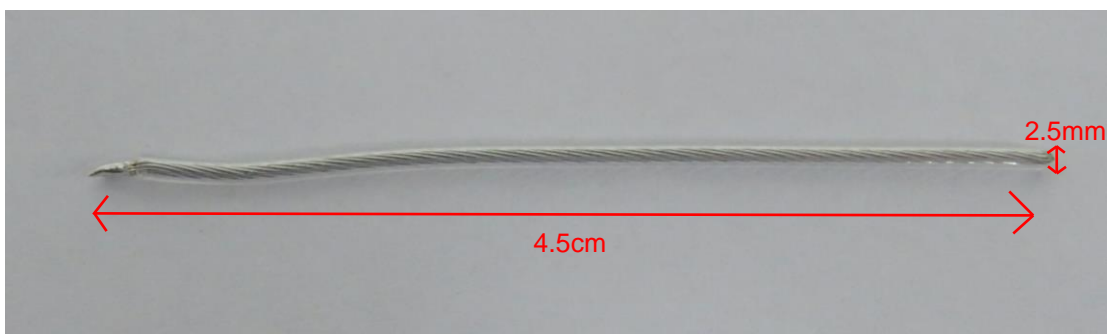


[Radiated Pattern diagram]

♣ 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.

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Size: 4.5cm(Length) * 2.5mm (Width)