



Shenzhen Hurryup Technology Co., Ltd.

Add.: 15F, Block B, Huaqiang Plaza, Futian, Shenzhen, China

Tel: 0086-755-83753639

Email: sales02@hurryupgps.com

<https://hurryup.en.alibaba.com>

## **2400~2500/5150~5850 MHz-Big SMA Male-5DBI Black Antenna**

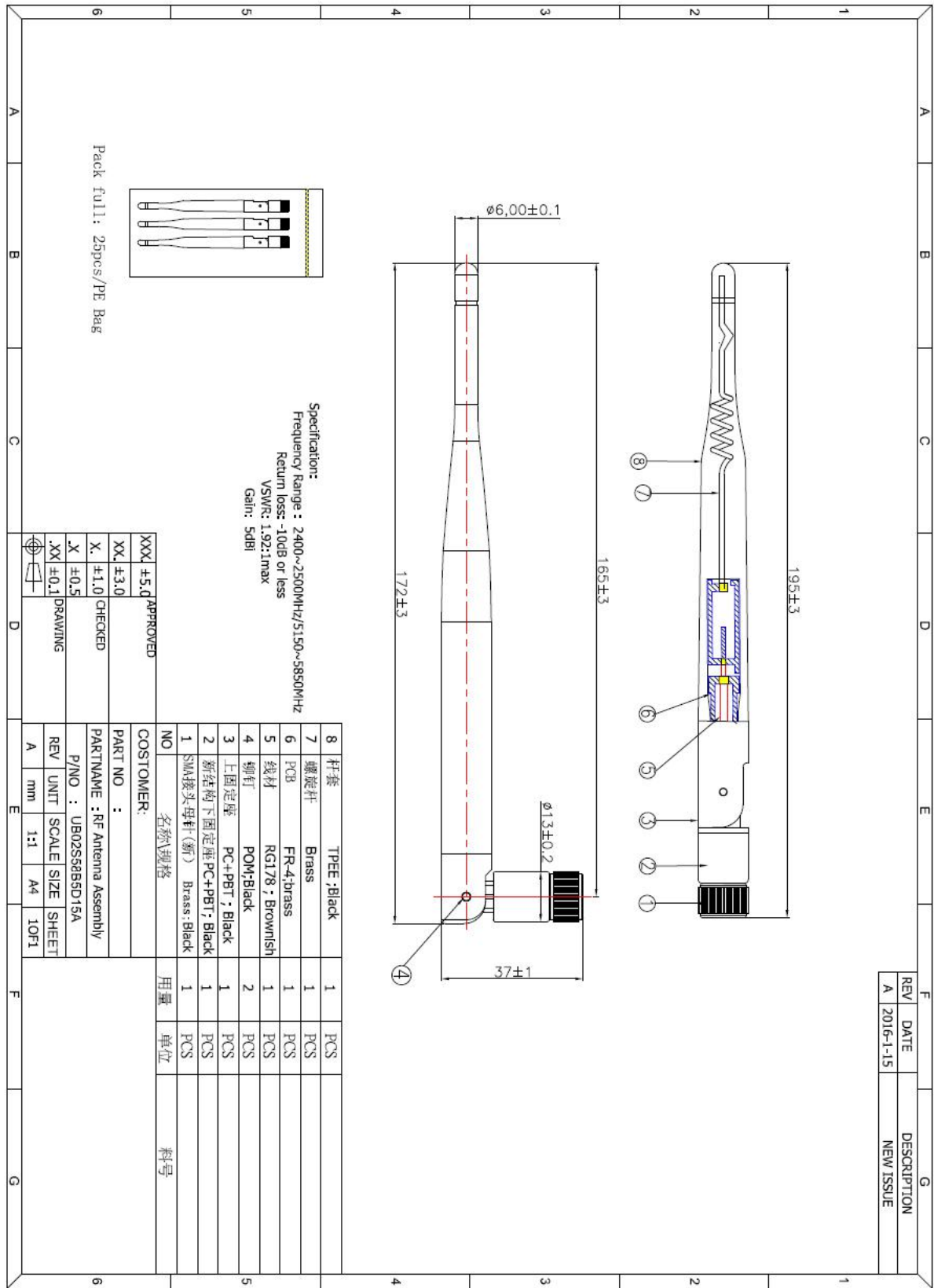
### ***Contents***

- 1.----- Specification
- 2.----- Drawing
- 3.----- Testing Report

## 1. Specification

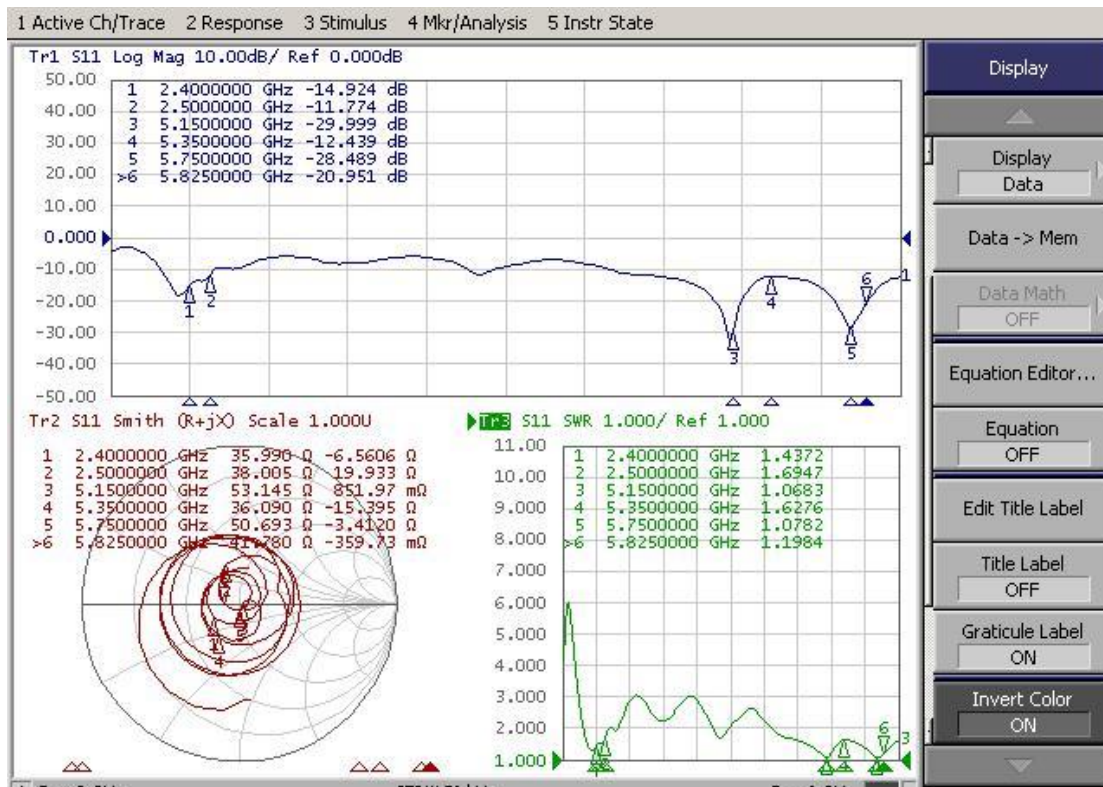
| Main technical specifications |                                   |
|-------------------------------|-----------------------------------|
| Frequency Range<br>(MHZ)      | 2400~2500\<br>5150~5850           |
| Impedance( $\Omega$ )         | 50                                |
| Gain(dBi)                     | 5 $\pm$ 0.5                       |
| VSWR                          | $\leq$ 1.92                       |
| Admitted Power                | 1W                                |
| Polarization                  | Linear, Vertical                  |
| Connector Type                | SMA                               |
| Physical Properties           |                                   |
| Antenna Base                  | TPEE                              |
| Operating Temp                | -20 $^{\circ}$ C~+65 $^{\circ}$ C |
| Storage Temp                  | -30 $^{\circ}$ C~+75 $^{\circ}$ C |

2. Drawing:

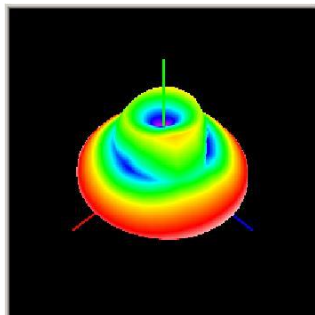


### 3. Testing Report

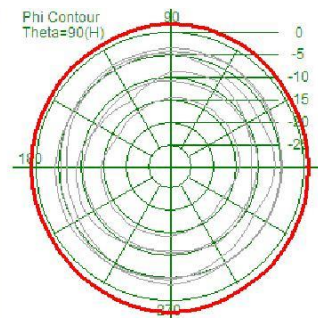
#### 3.1: Network analyzer test report:



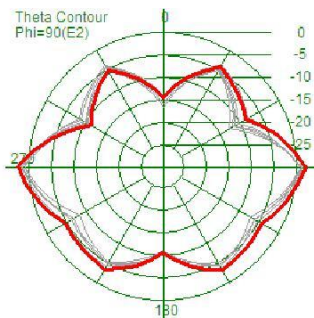
#### 3.2: Darkroom 2D、3DRaditation Pattern



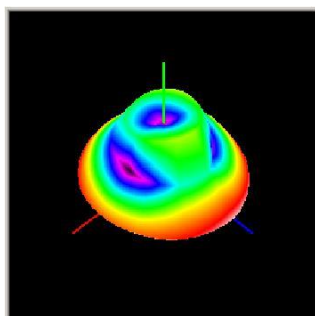
2.4GHz



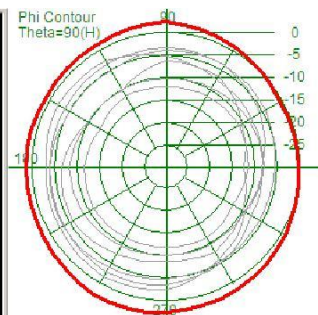
Gain: 4.52dBi



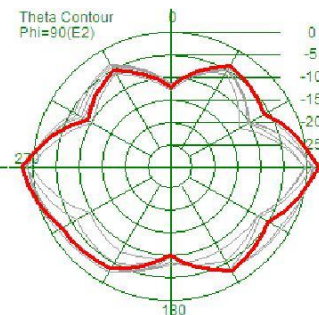
Efficiency:70.15%



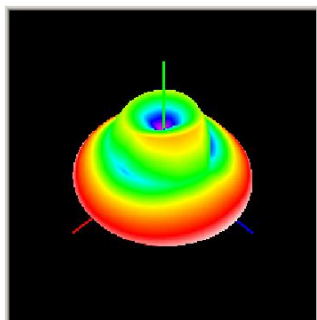
2.45GHz



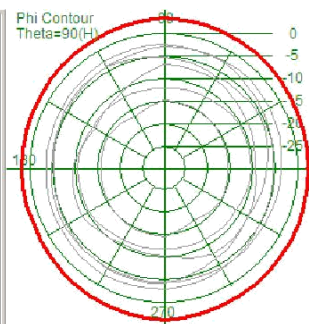
Gain: 4.64dBi



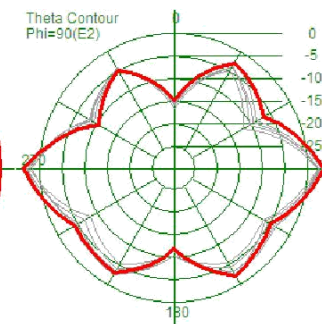
Efficiency: 73.23%



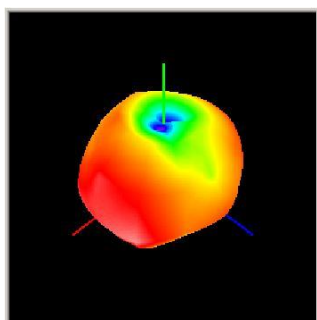
2.5GHz



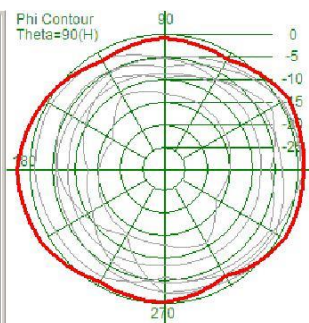
Gain: 4.69dBi



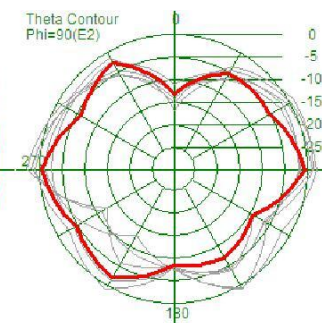
Efficiency: 74.09%



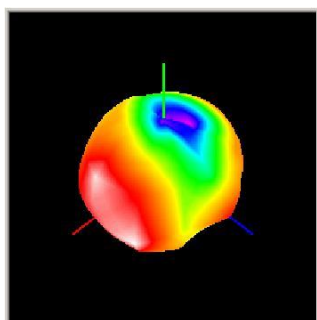
5.15GHz



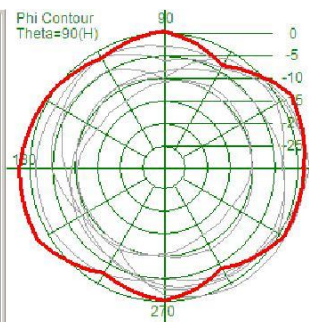
Gain: 4.58dBi



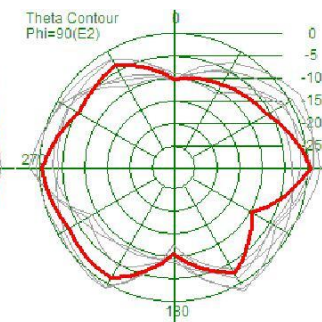
Efficiency: 70.86%



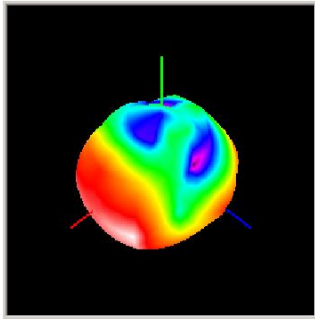
5.35GHz



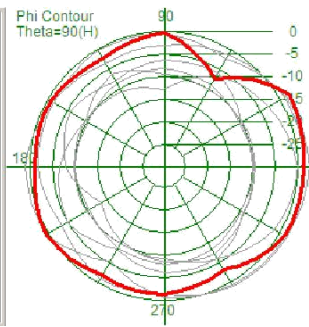
Gain: 4.65dBi



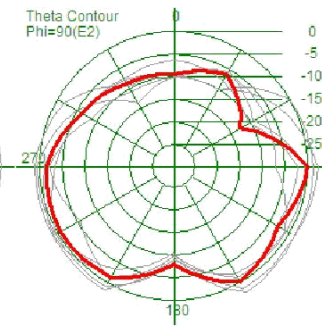
Efficiency: 70.49%



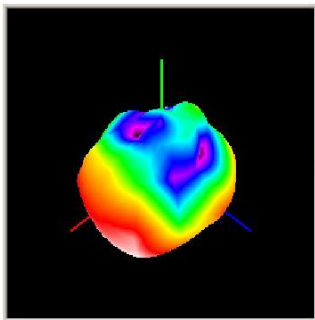
5.75GHz



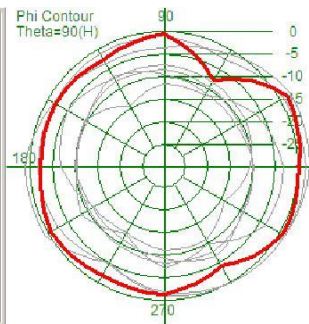
Gain: 4.73dBi



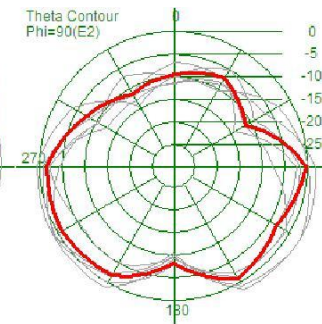
Efficiency: 71.61%



5.825GHz



Gain: 4.68dBi



Efficiency: 72.37%