

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: 2.4G\5.8G-Rod Antenna

客 户 料 号

CUSTOMER P/N:

公 司 料 号

COMPANY P/N:

REV: A

|              |                           |                       |
|--------------|---------------------------|-----------------------|
|              | MANUFACTURER<br>SIGNATURE | CUSTOMER<br>SIGNATURE |
| CHECKED BY:  |                           |                       |
| APPROVED BY: |                           |                       |
| DATE:        | 2015/11/14                |                       |

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# Contents

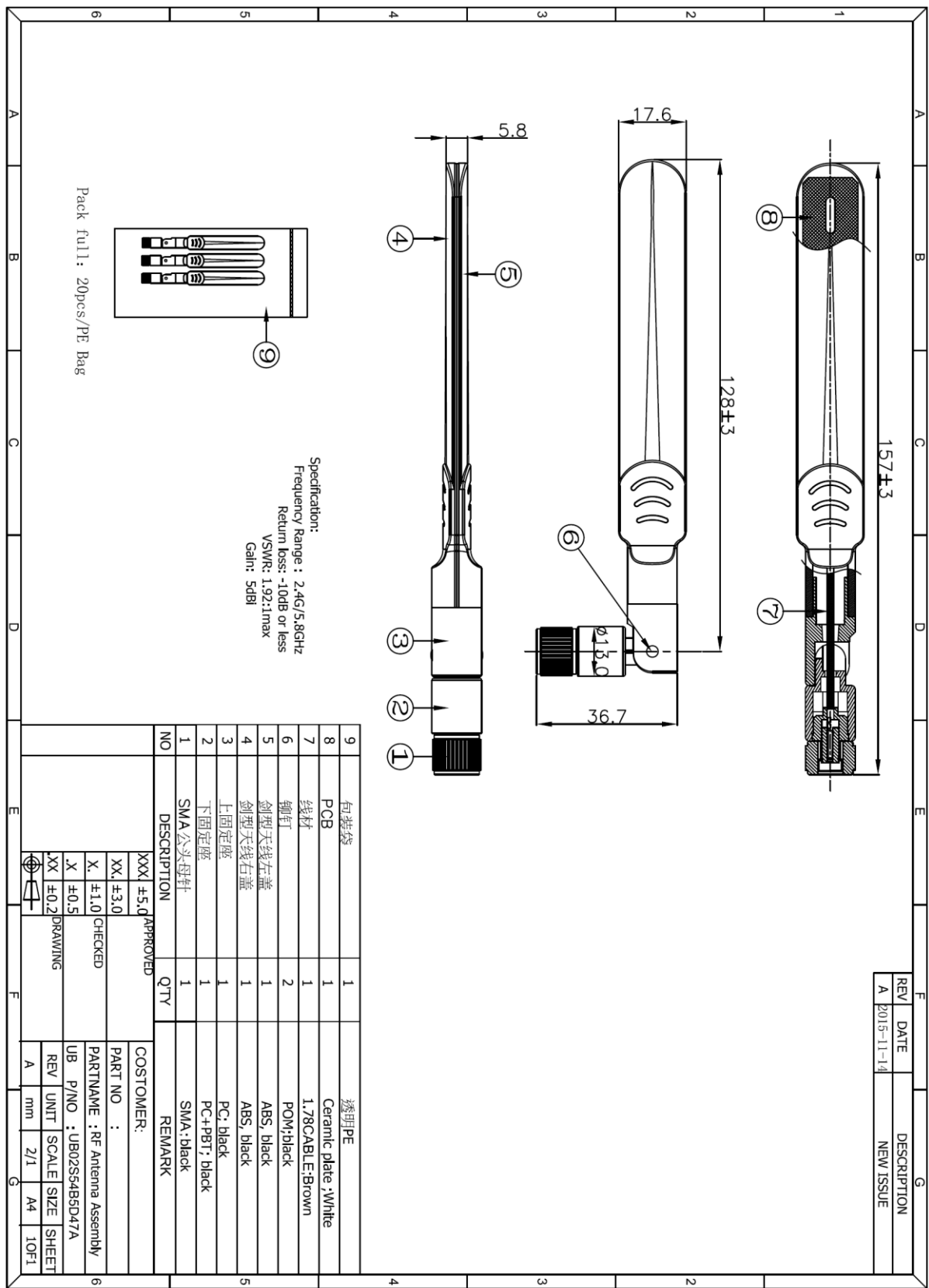
| <i>Item</i> | <i>Description</i>       |
|-------------|--------------------------|
| 1.          | Specifications           |
| 2.          | Finished product picture |
| 3.          | Test Report              |

1. Specifications:

Main technical parameters of the product

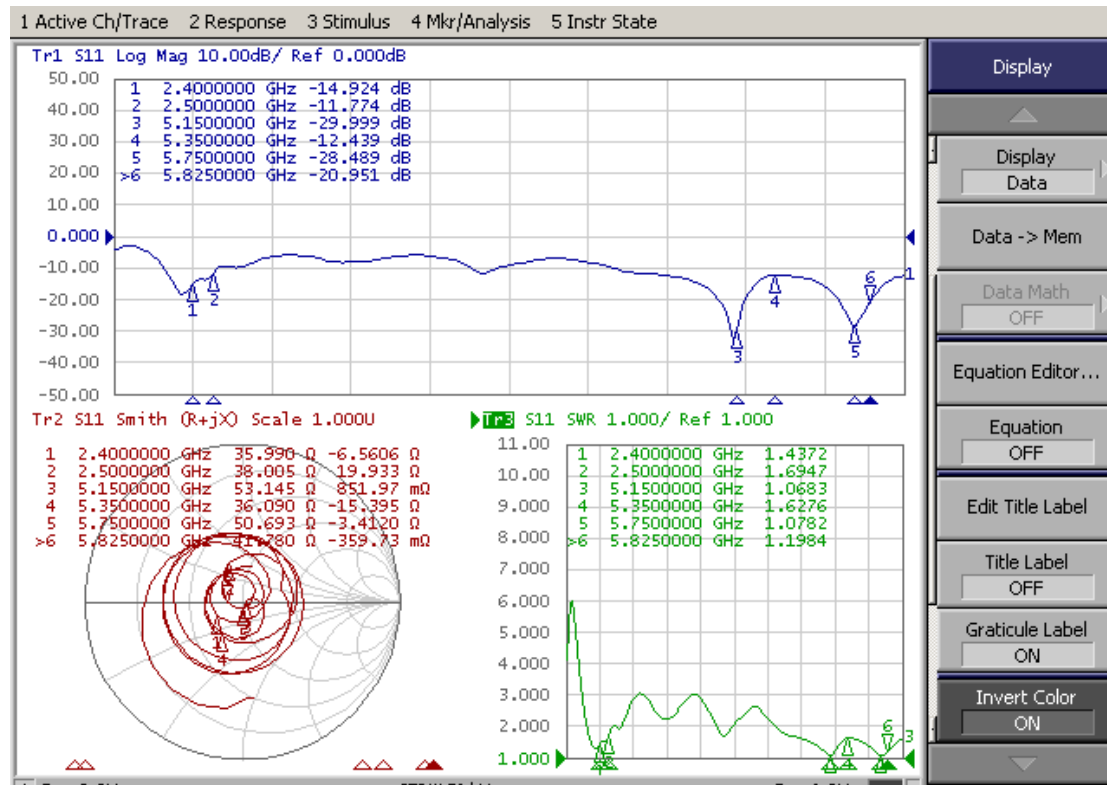
| 主要技术指标           |             | Main technical specifications |                  |
|------------------|-------------|-------------------------------|------------------|
| 频率范围<br>(MHZ)    | 2400\5850   | Frequency Range<br>(MHZ)      | 2400\5850        |
| 特性阻抗( $\Omega$ ) | 50          | Impedance( $\Omega$ )         | 50               |
| 增益(dBi)          | 5.28        | Gain(dBi)                     | 5.28             |
| 输出电压<br>驻波比      | $\leq 1.92$ | VSWR                          | $\leq 1.92$      |
| 最大功率             | 10W         | Admitted Power                | 10W              |
| 极化方式             | 垂直极化        | Polarization                  | Linear, Vertical |
| 连接方式             | SMA         | Connector Type                | SMA              |
| 物理性能             |             | Physical Properties           |                  |
| 天线本体材料           | ABS         | Antenna Base                  | ABS              |
| 工作温度             | -20℃~+65℃   | Operating Temp                | -20℃~+65℃        |
| 保存温度             | -30℃~+75℃   | Storage Temp                  | -30℃~+75℃        |

2. Finished product picture:

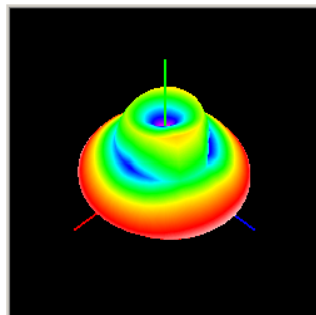


### 3. Test Report

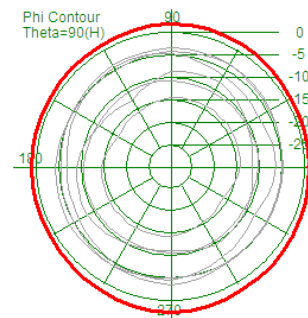
#### 3.1: Network Analyzer Test Report:



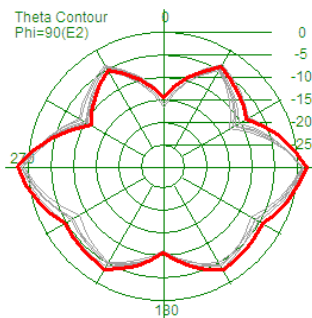
#### 3.2: 2D、3DRaditation Pattern



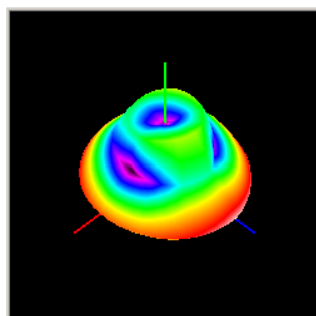
2.4GHz



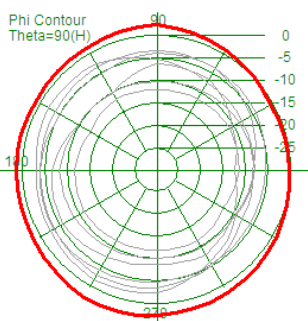
Gain: 4.83dBi



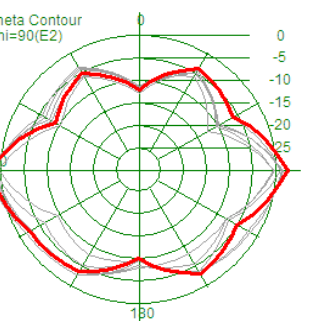
Efficiency: 71.38%



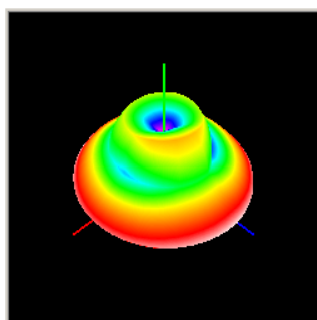
2.45GHz



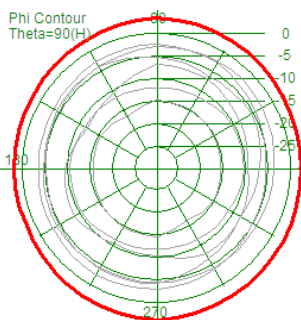
Gain: 4.85dBi



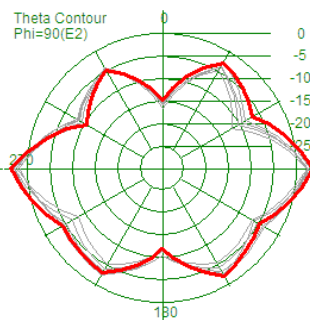
Efficiency: 71.56%



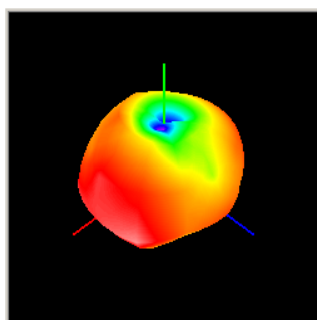
2.5GHz



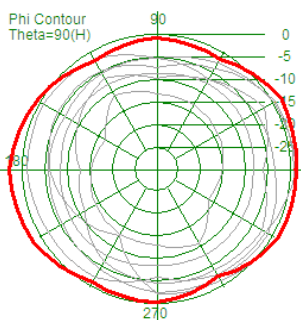
Gain: 4.92dBi



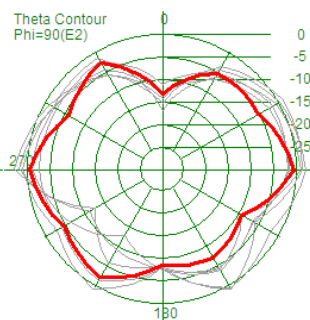
Efficiency: 72.19%



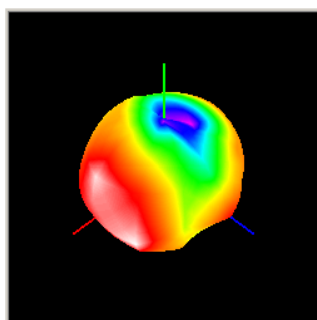
5.15GHz



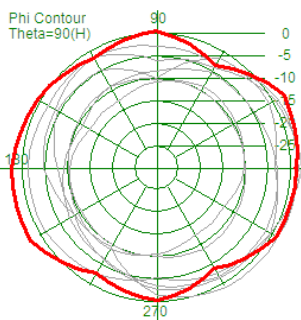
Gain: 5.06dBi



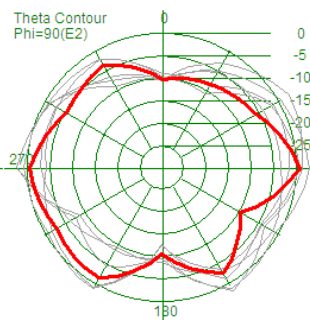
Efficiency: 73.34%



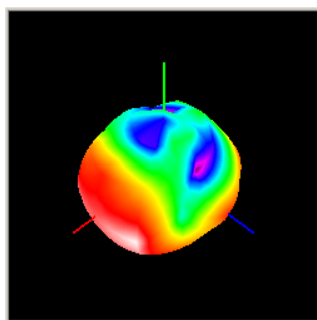
5.35GHz



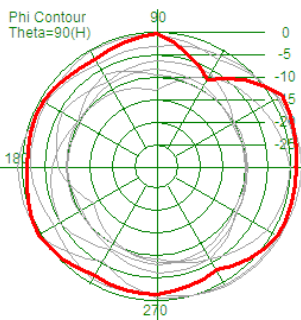
Gain: 5.17dBi



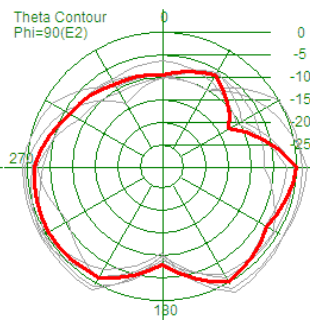
Efficiency: 73.23%



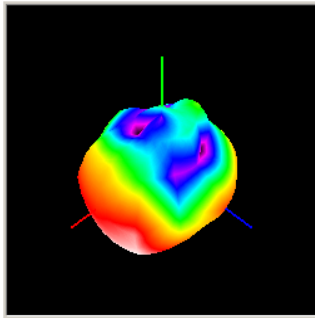
5.47GHz



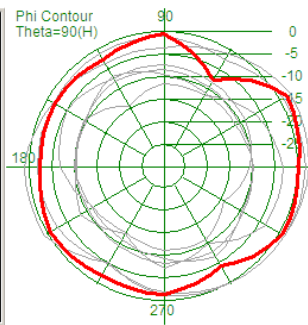
Gain: 5.21dBi



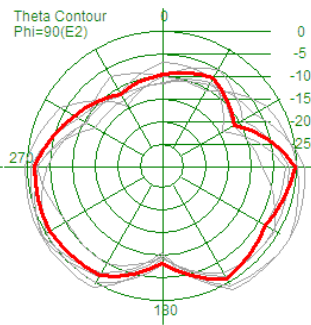
Efficiency: 74.18%



5.850GHz



Gain: 5.28dBi



Efficiency: 75.25%