

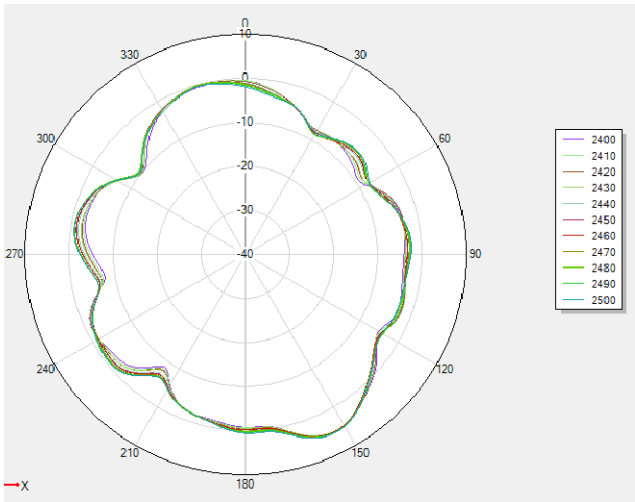
# WP836 ANT1 天线技术规格书 Antenna Specification

Brand Name: GRANDSTREAM  
Manufacture: SHENZHEN CHAOLIU NETWORK TECHNOLOGIES CO., LTD  
Manufacturing address: 14th Floor, Building-C, Coolpad Building, Gaoxin North District, Science Park,  
Nanshan District, Shenzhen  
Product Number (or model Nanme) : 118-00180-00

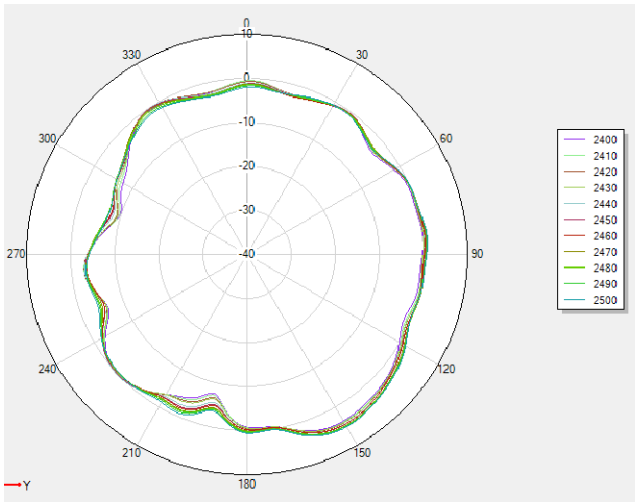
## 设计规格 specifications

|                                |                     |               |
|--------------------------------|---------------------|---------------|
| 频率范围 Frequency (MHz)           | 2.4G: 2400~2500     | 5G: 5150~5895 |
| 电压驻波比 VSWR                     | $\leq 2.0: 1$       |               |
| 峰值增益 Peak Gain (dBi)           | 2.4G: 5.76          | 5G: 3.6       |
| 效率 Efficiency (%)              | 2.4G: $\geq 70$     | 5G: $\geq 65$ |
| 天线类型 Type                      | PIFA Antenna        |               |
| 辐射方向 Radiation Properties      | 全向 Omni-directional |               |
| 最大输入功率 Max Input Power (Watts) | 2                   |               |
| 工作温度 Operation Temperature     | -40℃ to 85℃         |               |
| 储存温度 Storage Temperature       | -40℃ to 85℃         |               |
| 相对湿度 Relative Humidity         | 40% to 95%          |               |
| 环保认证 ROHS Compliant            | 通过 Yes              |               |

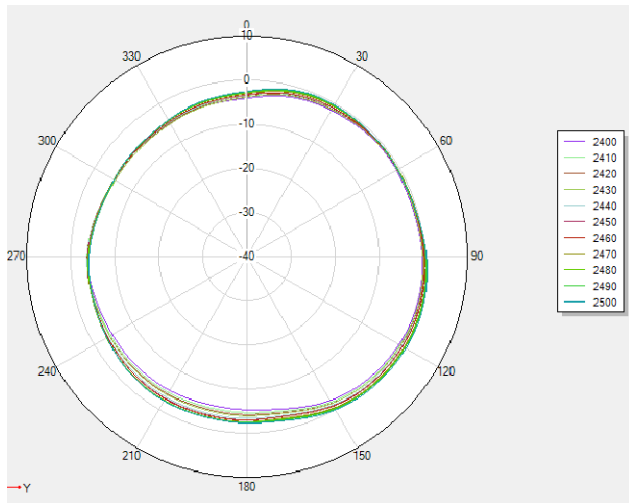
## 辐射方向图 Radiation Pattern(unit: dB)



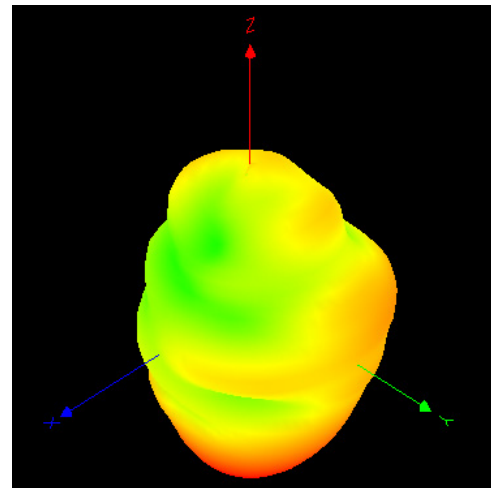
2.4G phi=0deg



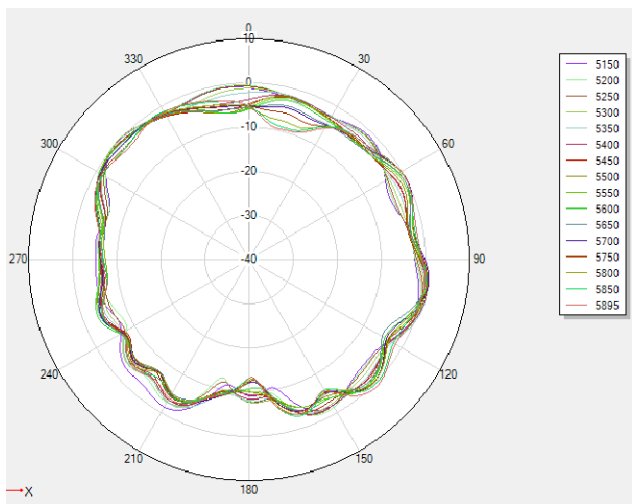
2.4G phi=90deg



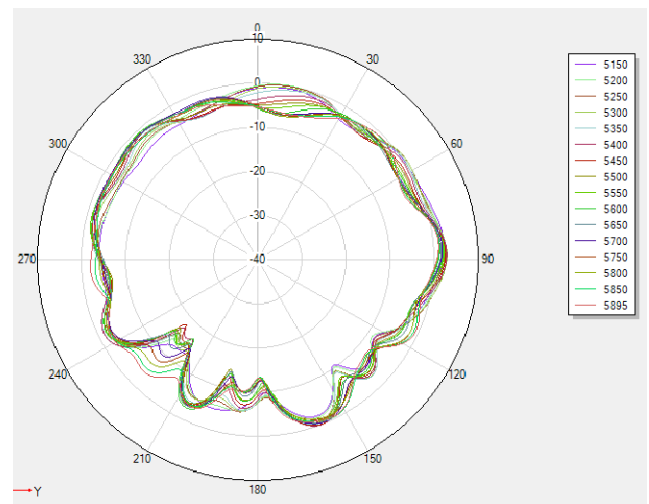
2.4G theta=90deg



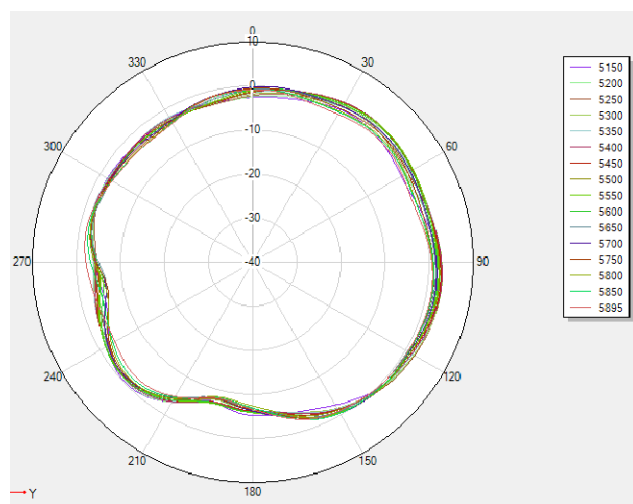
2.4G 3D



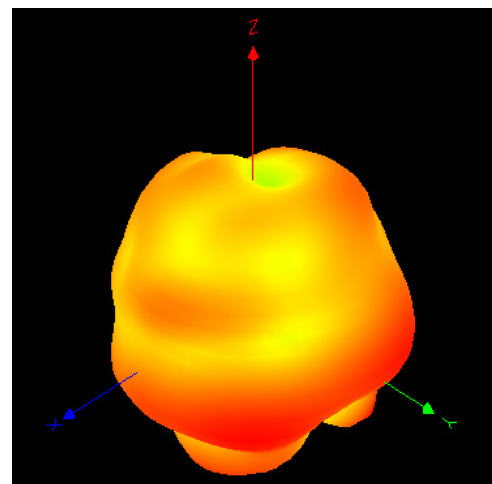
5G phi=0deg



5G phi=90deg

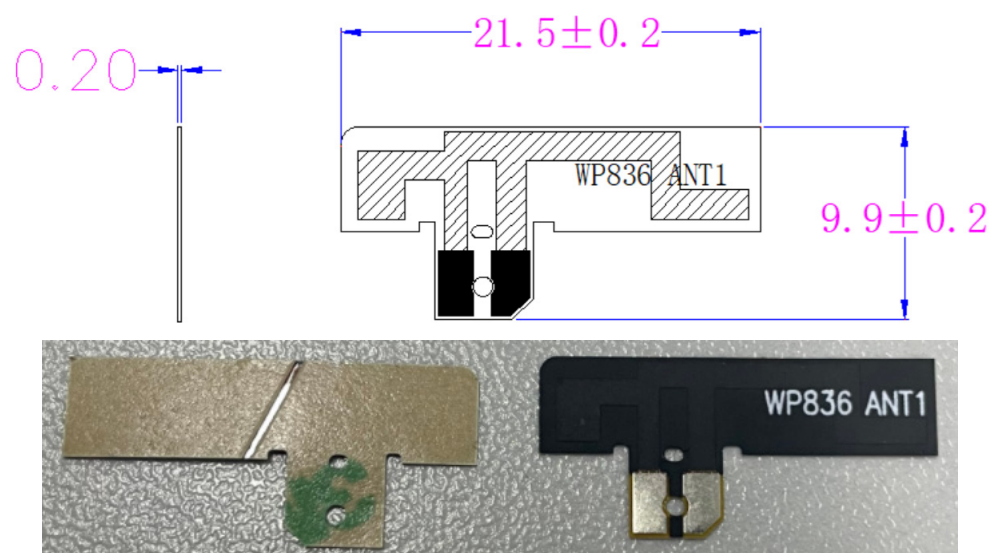


5G theta=90deg



5G 3D

总成图 Mechanical Drawing(unit:mm)



▲ 规格书到此结束 **END OF THE SPECIFICATION.**