

# 深圳市中瑞成通讯设备有限公司

Zhongruicheng Communication Equipment Co.,Ltd

## 产品规格书

Product Specification

**ZRCTC5G-SMA196-01**

**5GHz antenna**

日期：2025-04-12

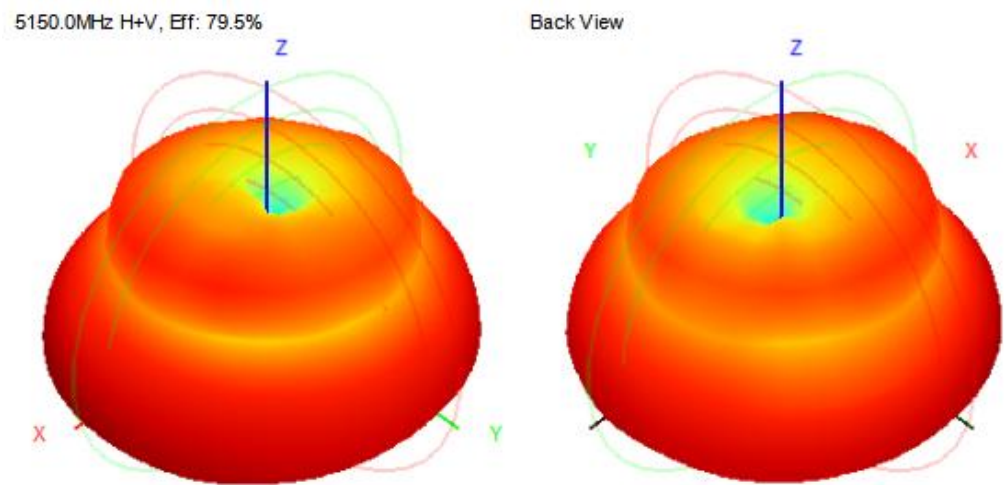
1.特点 FEATURES

- 超高的制造和测试标准
- 宽频带的频率范围和高质量的信号
- 产品超紧凑，重量轻
- 超声波焊接，结构坚固，防撞
- 半柔性电缆，耐冲击

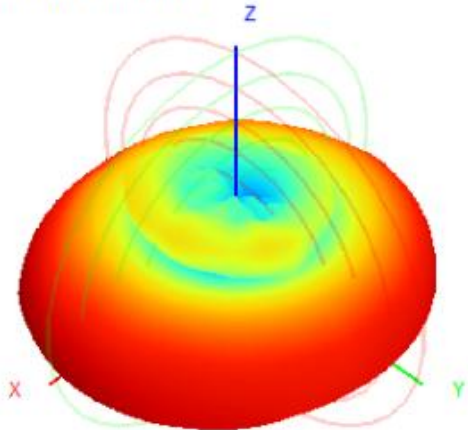
2 Electrical specifications

|                    |           |
|--------------------|-----------|
| Frequency (MHz) 频率 | 5150-5850 |
| Gain (dBi) 增益      | 3         |
| Polarization 极化    | Line      |
| Impedance (Ω)阻抗    | 50        |
| Max Power (W)最大功率  | 20        |
| VSWR 驻波比           | ≤2.0      |

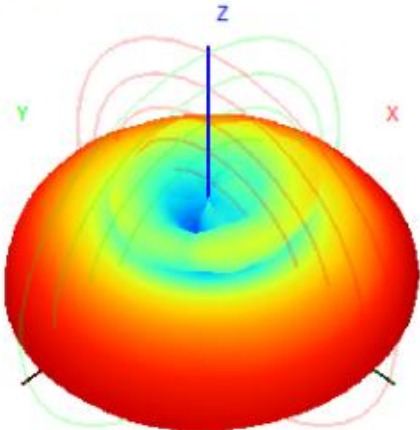
3 方向图



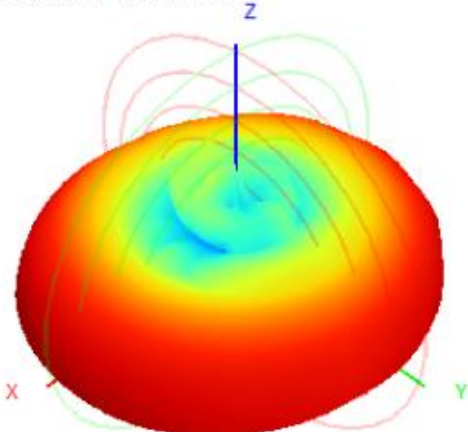
5500.0MHz H+V, Eff: 65.7%



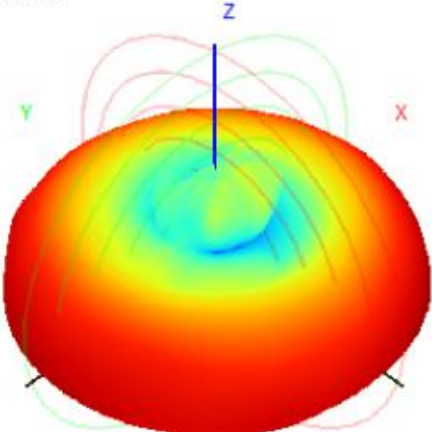
Back View



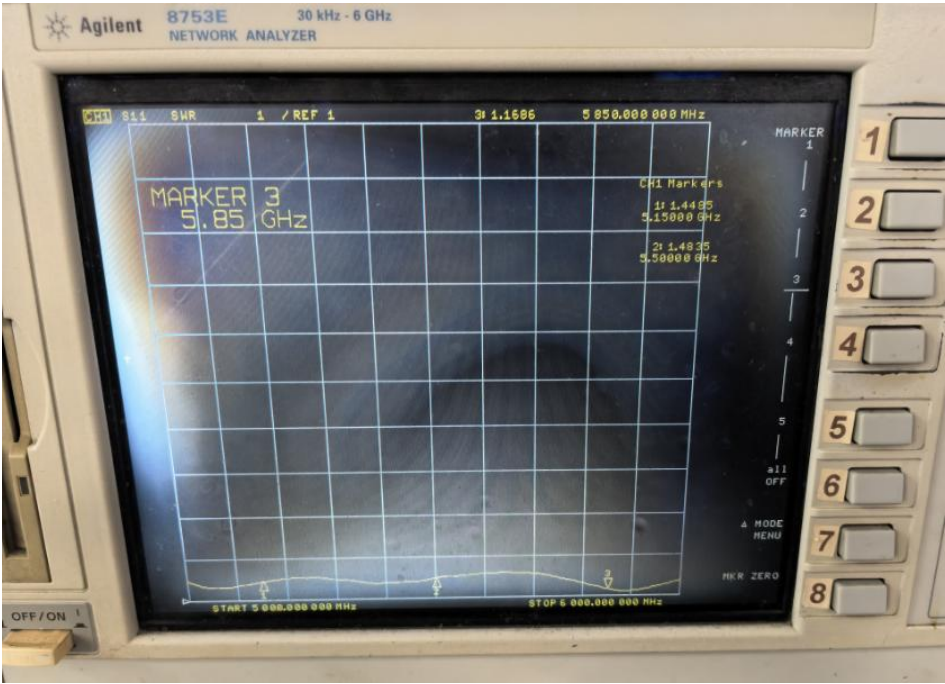
5850.0MHz H+V, Eff: 71.3%



Back View



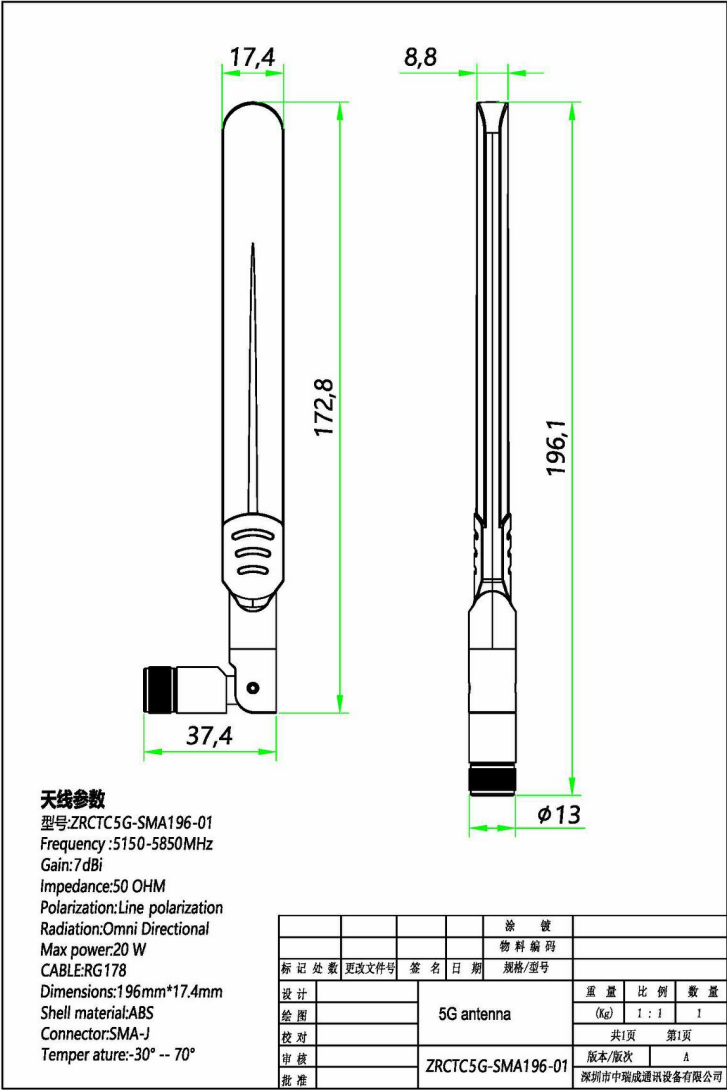
4 驻波测试图



5 Mechanical specifications

|                     |             |
|---------------------|-------------|
| Connector 连接器       | SMA-J       |
| Size (mm)天线尺寸       | Φ196.1×17.4 |
| Color 天线外罩颜色        | Black       |
| Weight 重量           | 10          |
| Temperature (°C) 温度 | -30~60      |
| Humidity (%) 湿度     | 5~95        |

6 Product drawings



## 7 Product picture

