

# GWN7665 天线技术规格书 Antenna Specification

Brand Name: GRANDSTREAM

Manufacture: SHENZHEN CHAOLIU NETWORK TECHNOLOGIES CO., LTD

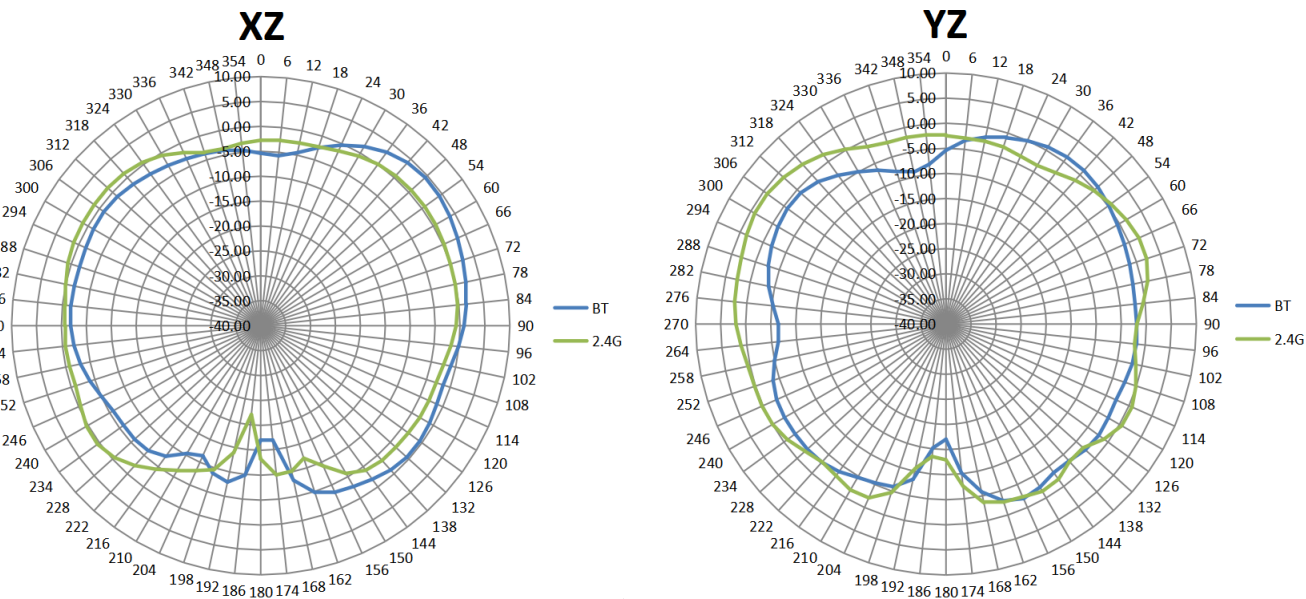
Manufacturing address: 14th Floor, Building-C, Coolpad Building, Gaoxin North District, Science Park,  
Nanshan District, Shenzhen

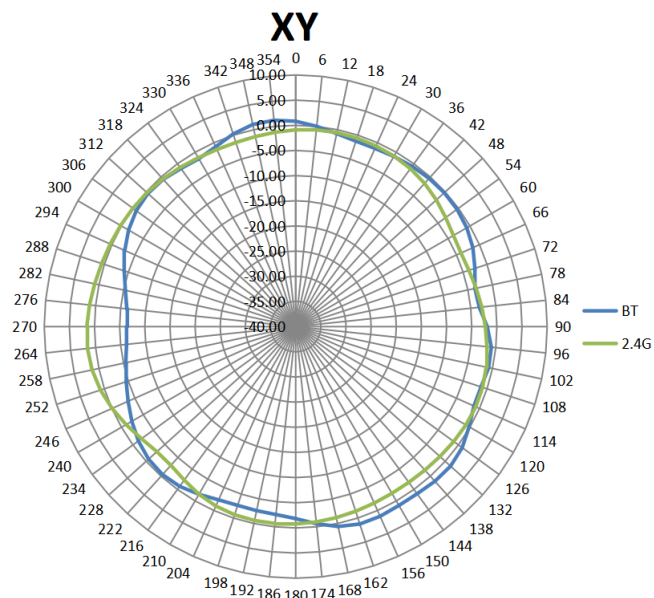
Product Number (or model Nanme) : 118-00144-00

## 设计规格 specifications

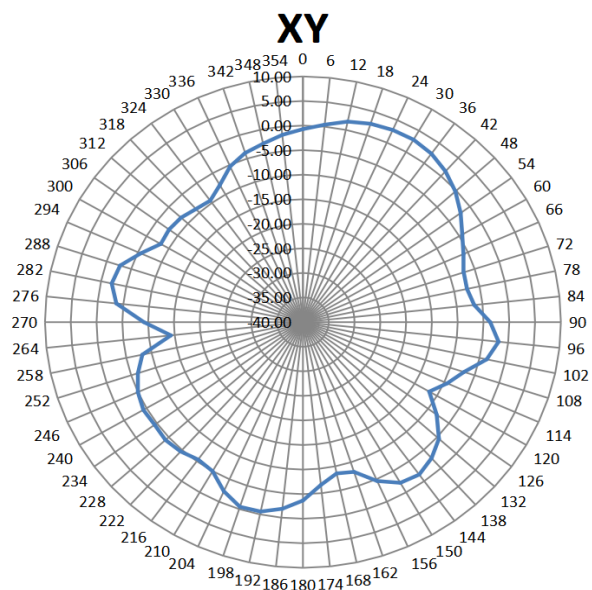
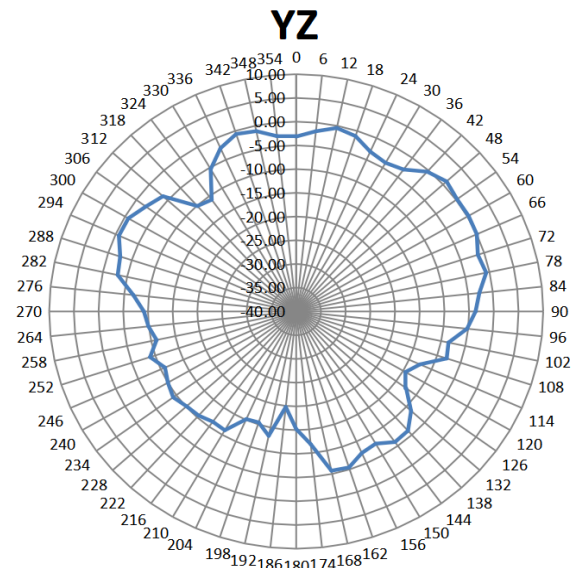
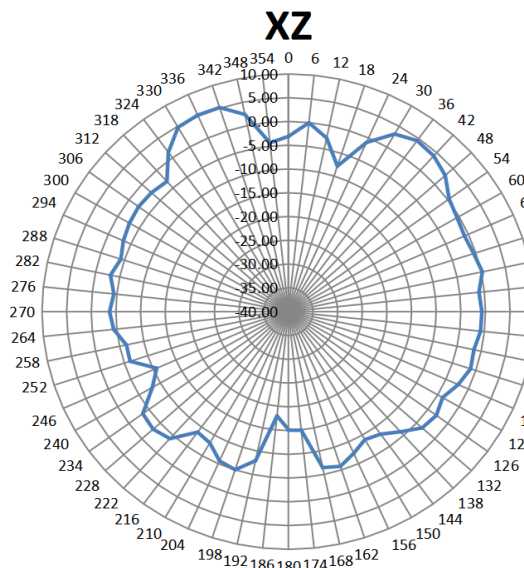
|                               |                                               |               |               |
|-------------------------------|-----------------------------------------------|---------------|---------------|
| 频率范围 Frequency (MHz)          | BT/2.4G: 2400~2500                            | 5G: 5150~5850 | 6G: 5925~7125 |
| 电压驻波比 VSWR                    | $\leq 2.0: 1$                                 |               |               |
| 峰值增益 Peak Gain (dBi)          | BT:4.45 / 2.4G: 4.15                          | 5G: 5.26      | 6G: 4.55      |
| 效率 Efficiency (%)             | $\geq 60$                                     |               |               |
| 隔离度 Isolation (dB)            | $\leq -15$                                    |               |               |
| 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                                             |               |               |
| 极化方式 Polarization             | 水平 horizontal                                 |               |               |
| 阻抗 Impedance (Ohms)           | 50                                            |               |               |
| 工作温度 Operation Temperature    | $-40^{\circ}\text{C}$ to $85^{\circ}\text{C}$ |               |               |
| 储存温度 Storage Temperature      | $-40^{\circ}\text{C}$ to $85^{\circ}\text{C}$ |               |               |
| 相对湿度 Relative Humidity        | 40% to 95%                                    |               |               |
| 环保认证 ROHS Compliant           | 通过 Yes                                        |               |               |

BT/2.4G 辐射方向图 Radiation Patterns(unit:dB)

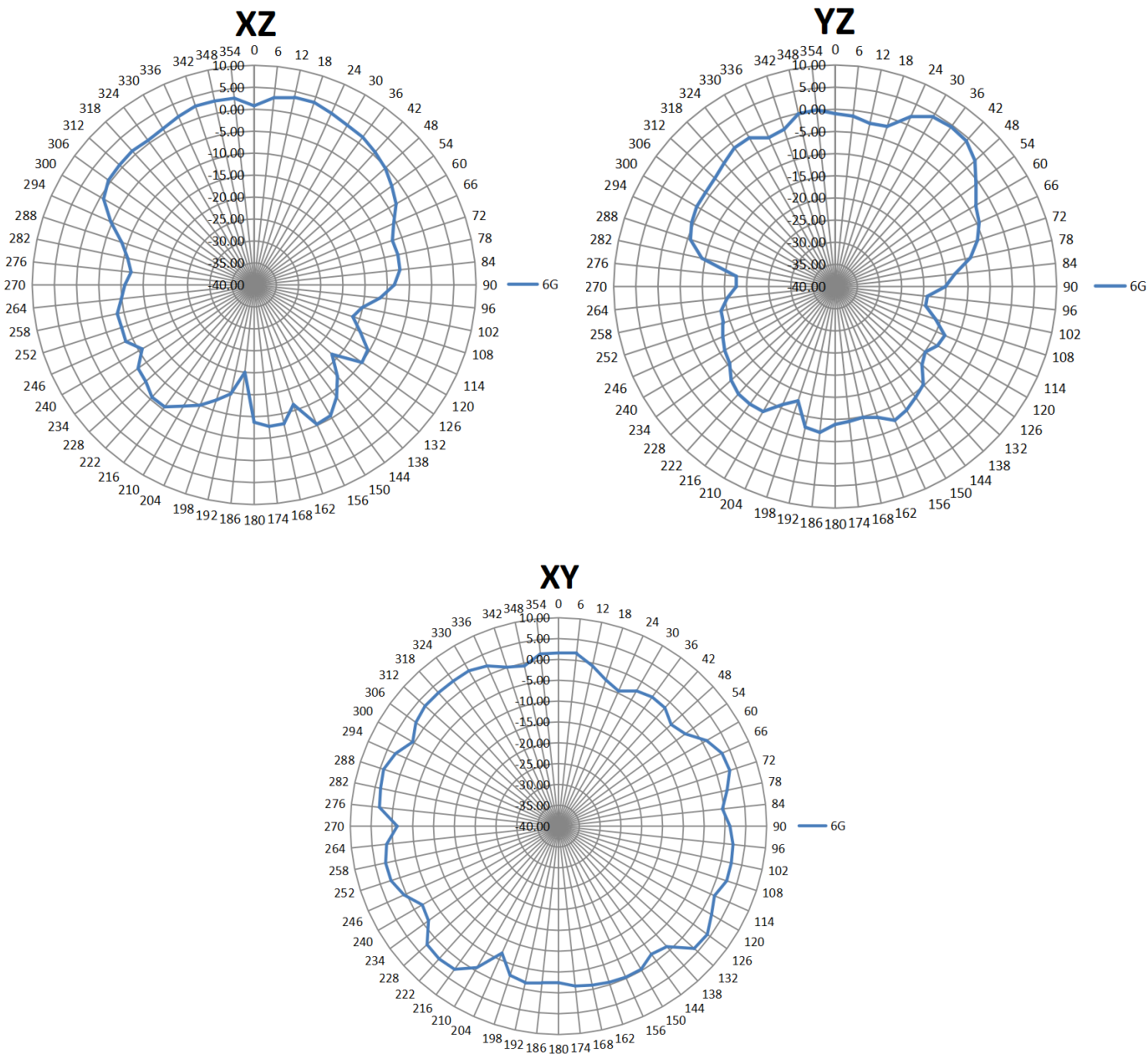




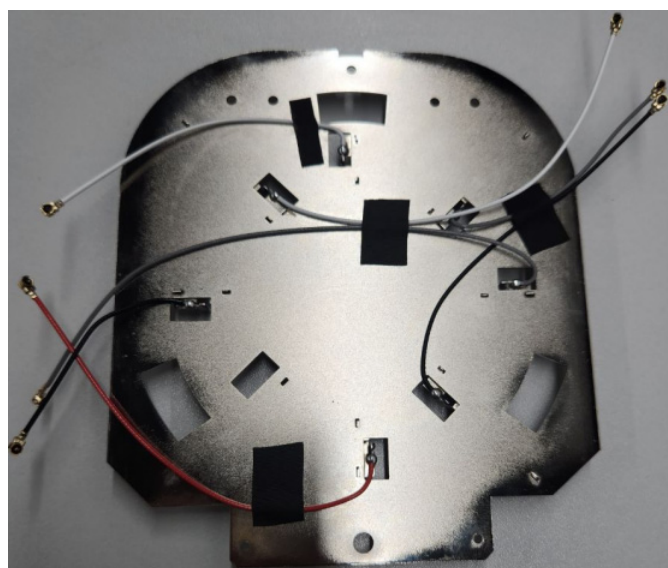
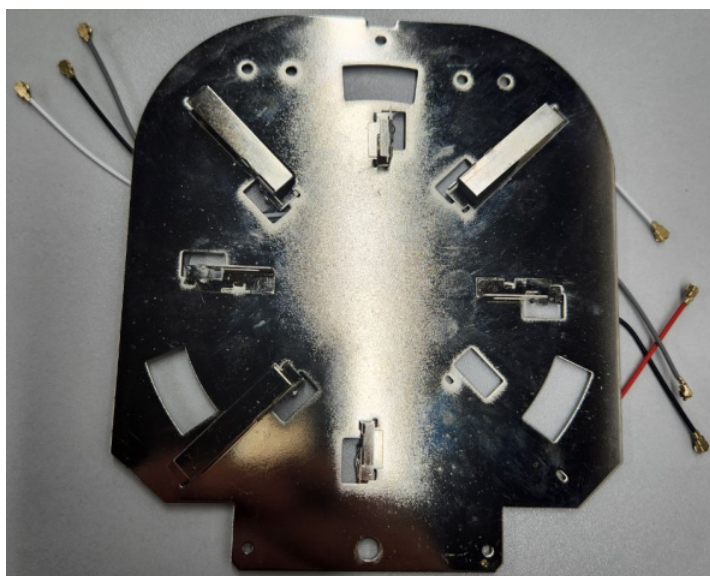
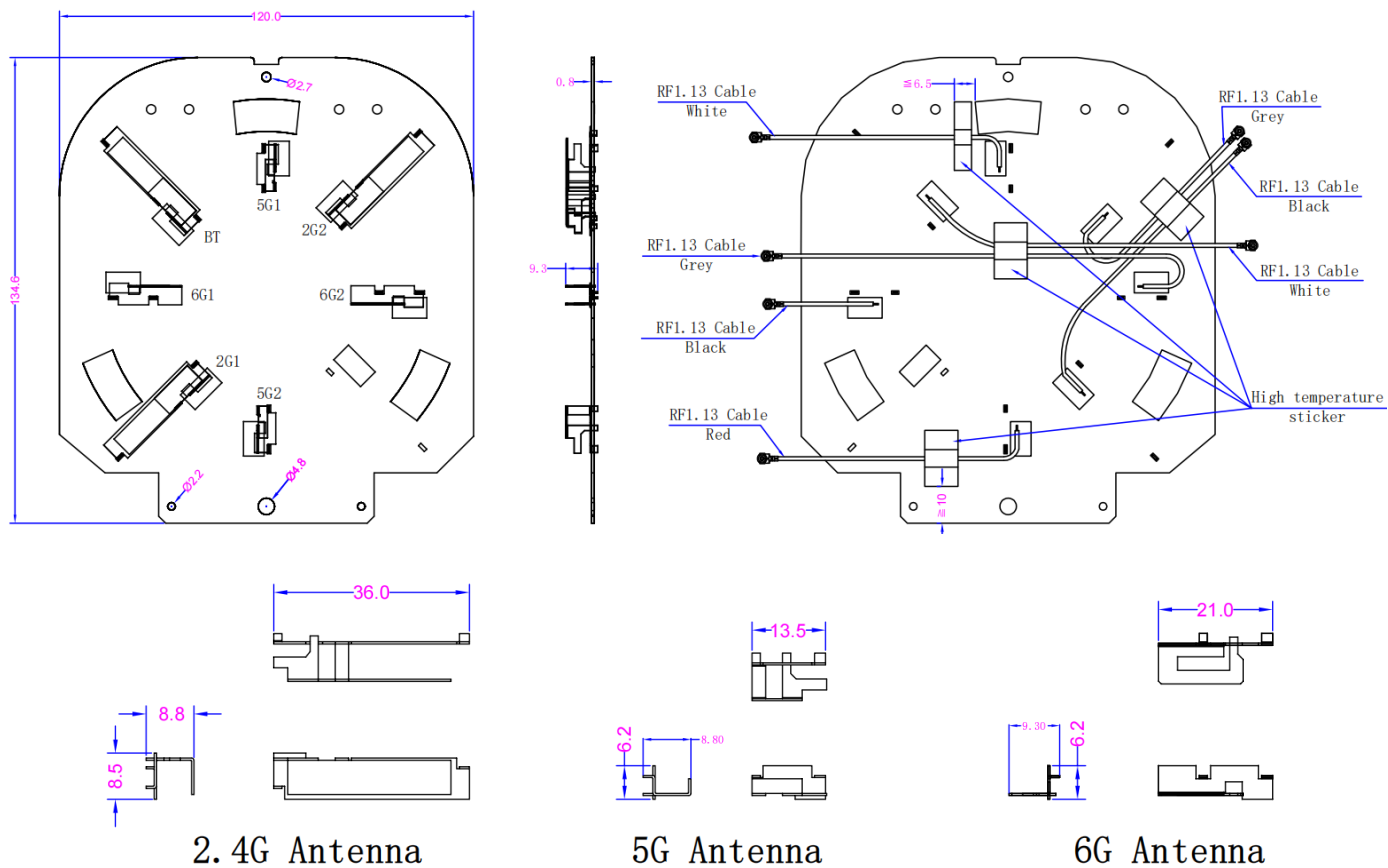
5G 辐射方向图 Radiation Patterns(unit:dB)



6G 辐射方向图 Radiation Patterns(unit:dB)



总成图 Mechanical Drawing(unit:mm)



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