

# GWN7664E 天线技术规格书 Antenna Specification

**Brand Name:** GRANDSTREAM

**Manufacture:** SHENZHEN CHAOLIU NETWORK TECHNOLOGIES CO., LTD

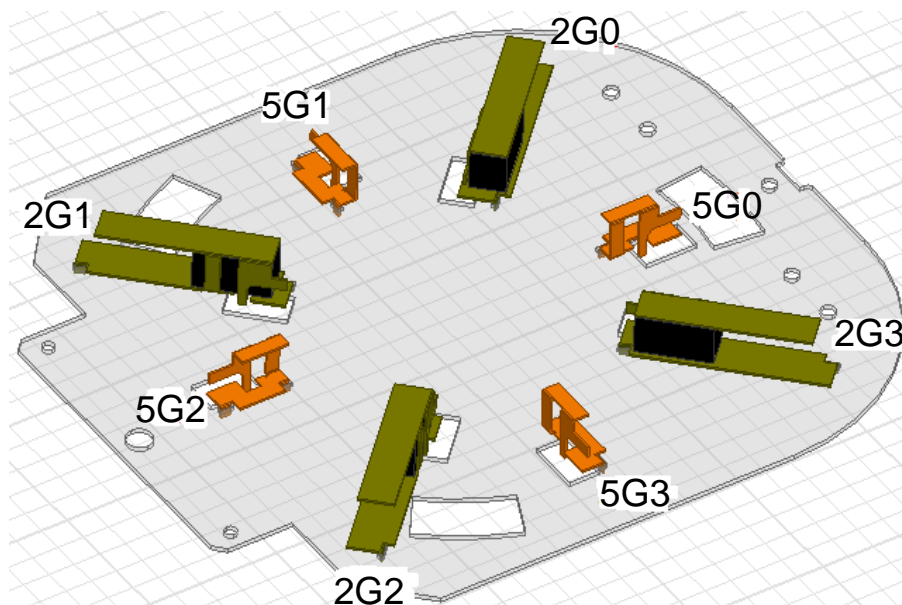
**Manufacturing address:** 14th Floor, Building-C, Coolpad Building, Gaoxin North District, Science Park,  
Nanshan District, Shenzhen

**Product Number (or model Name) :** 118-00162-00

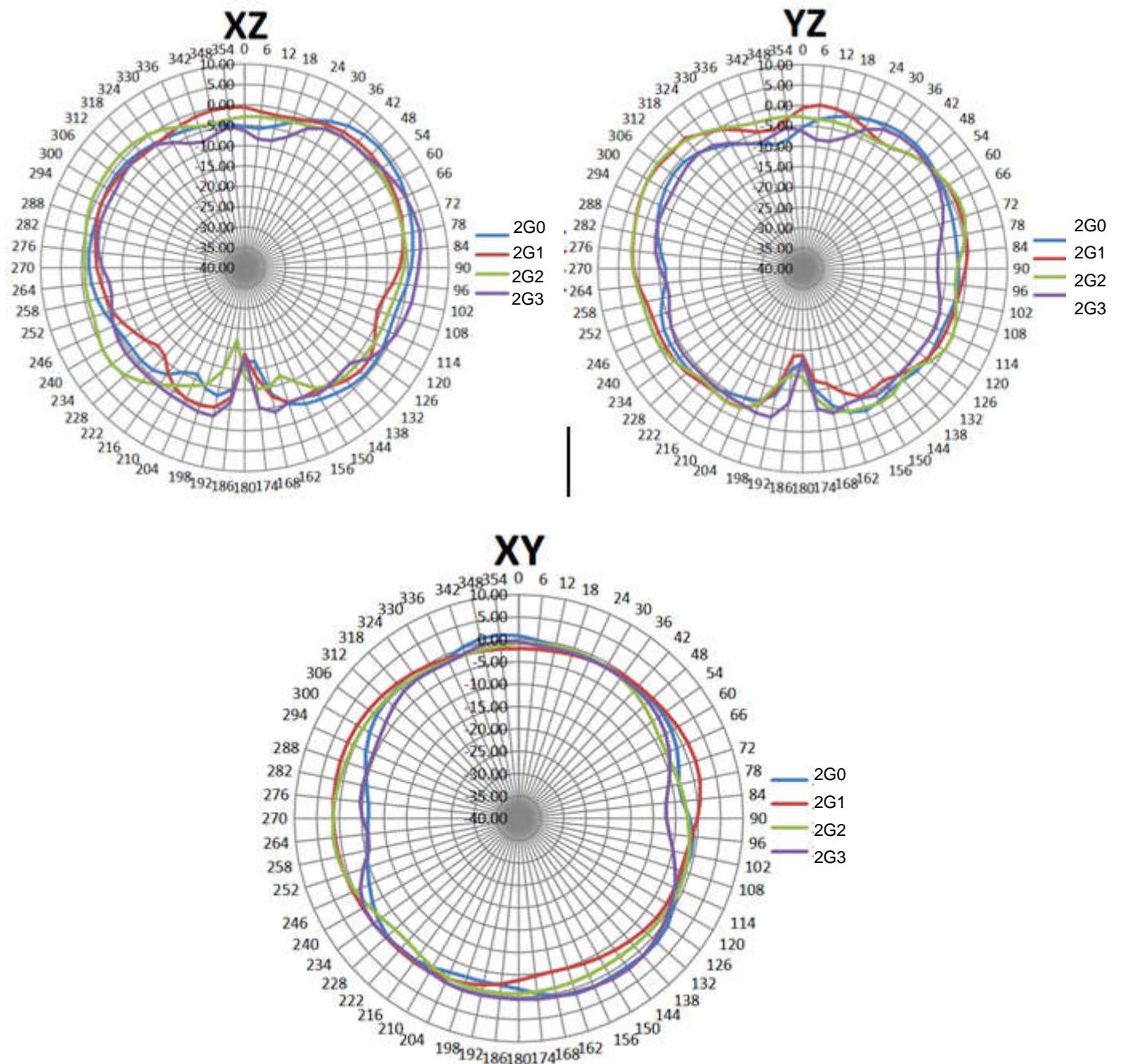
## Specification and Interface

频率范围 Frequency (MHz)	2.4G:2400~2500	5G: 5150~5850
电压驻波比 VSWR	$\leq 2.0: 1$	
峰值增益 Peak Gain (dBi)	2G0: 4.21 / 2G1: 3.55 2G2: 3.78 / 2G3: 3.85	5G0: 5.26 / 5G1: 4.61 5G2: 5.05 / 5G3: 4.74
效率 Efficiency (%)	$\geq 60$	
隔离度 Isolation	$\leq -15\text{dB}$	
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	

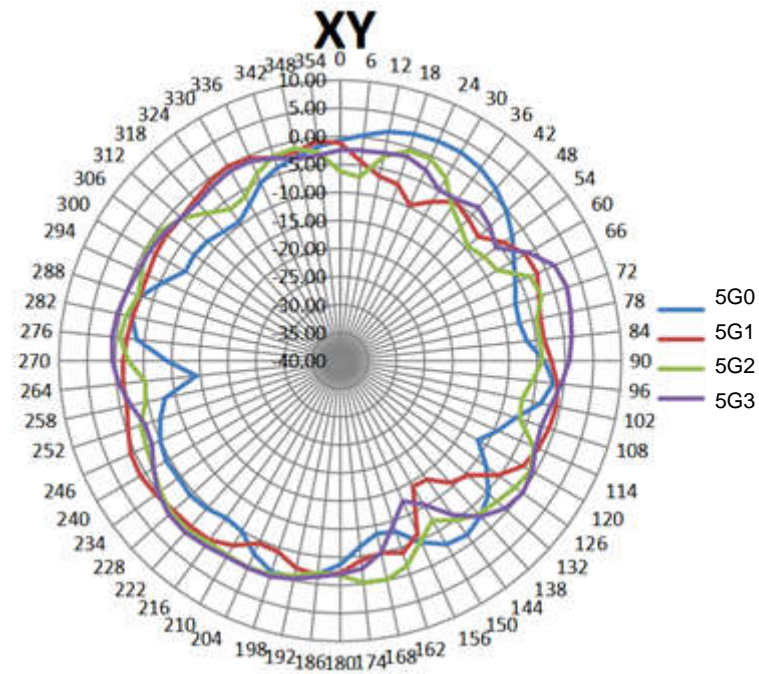
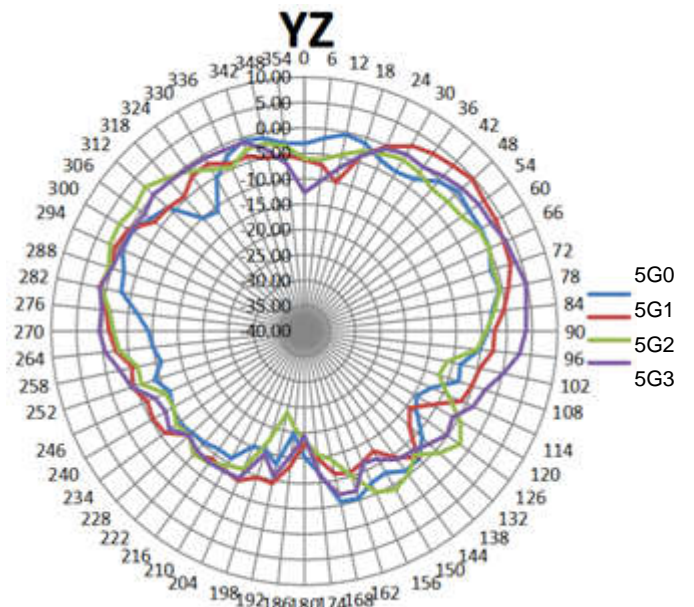
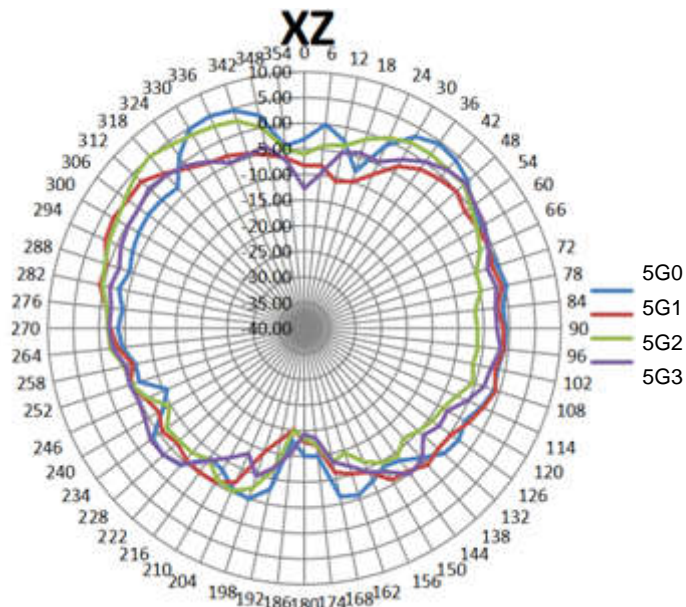
## Model Antenna



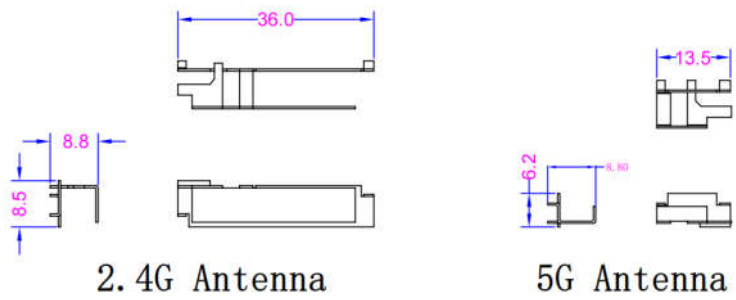
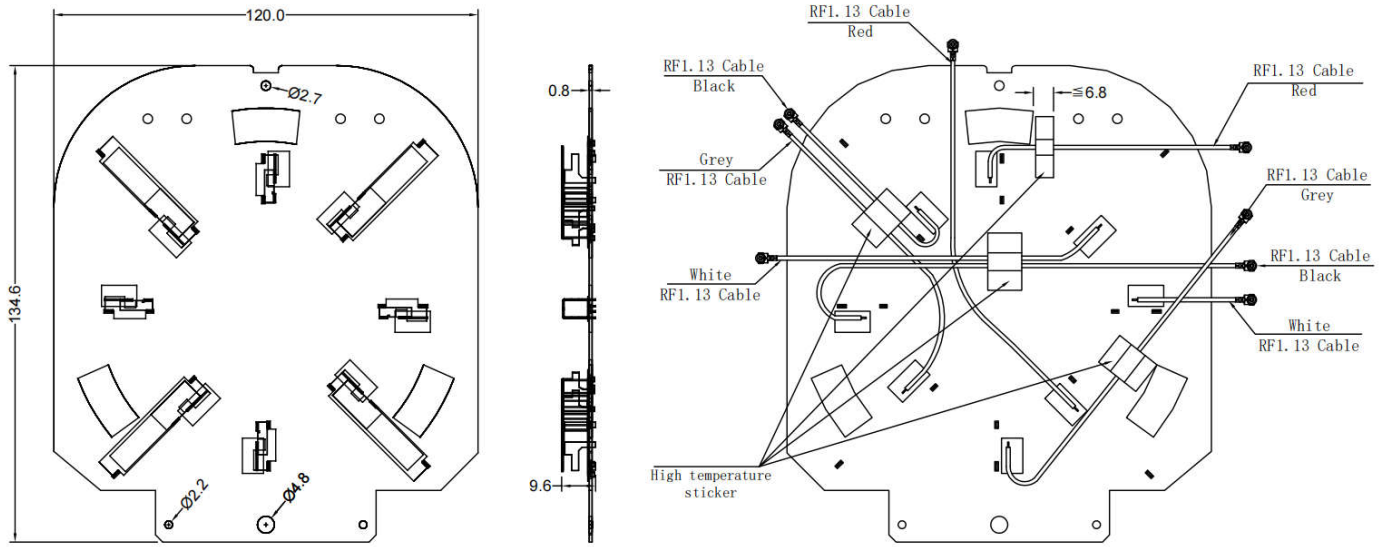
## 2. 4G Antenna Radiation Patterns (unit: dB)



## 5G Antenna Radiation Patterns (unit: dB)



总成图 Mechanical Drawing (unit:mm)



2.4G Antenna

5G Antenna

▲ 规格书到此结束 END OF THE SPECIFICATION