

产品规格书

PRODUCT SPECIFICATION

Customer: Shenzhen Xianzhi IOT Technology Co., Ltd.

Customer’s part number: ANT000087

Product description: 5G Frequency Antenna

Manufacturer: Shenzhen RedbirdTek Technology Co., Ltd.

1、产品技术指标（PRODUCT TECHNICAL SPECIFICATION）

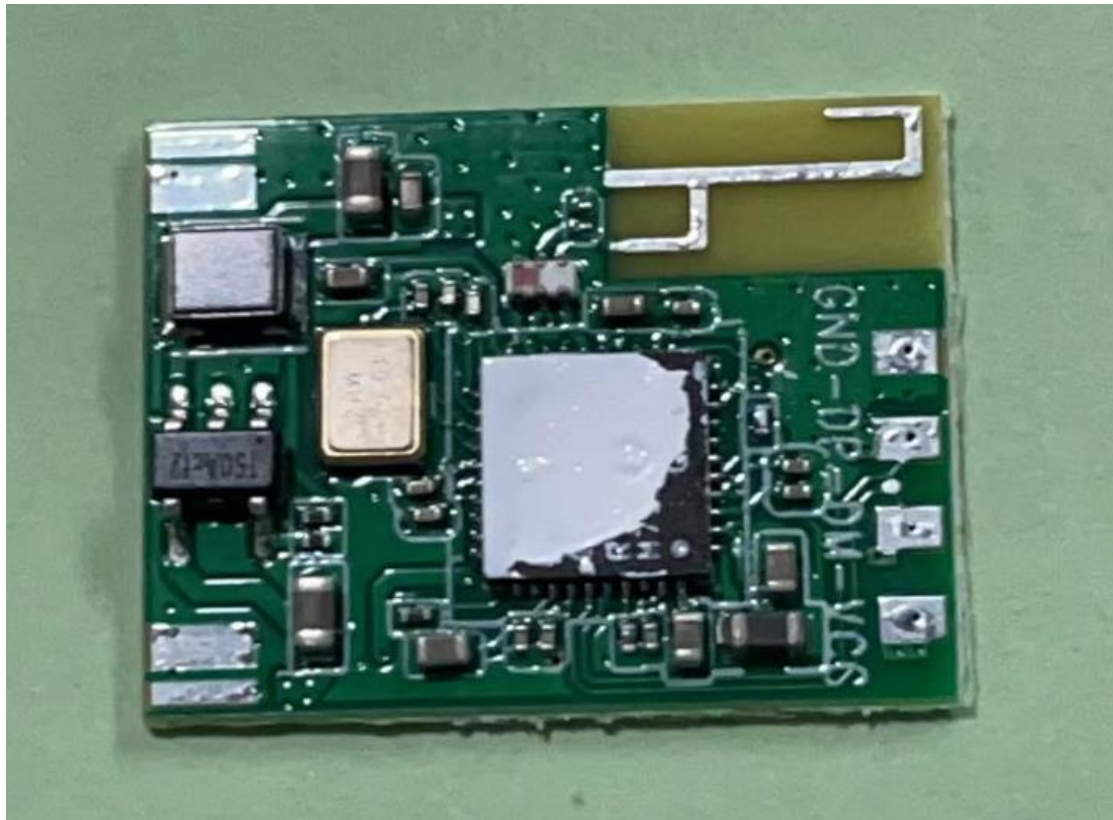
电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	5150-5850
频带宽度 Bandwidth (MHz)	5G: 700
输入阻抗 Input Impendence (Ω)	50
电压驻波比 V.S.W.R	≤2.0
增益 Gain (dBi)	0.72dBi
极化形式 Polarization Type	垂直 Vertical
机械指标 Mechanical Specifications	
天线长度 Antenna Length (mm)	7.1*3.4*0.5mm
辐射体 Radiator	Copper
连接器型号 Connect Type	NC
外壳颜色 Radome Color	Silver
重量 Weight (g)	0.02

产品简介 Product introduction :

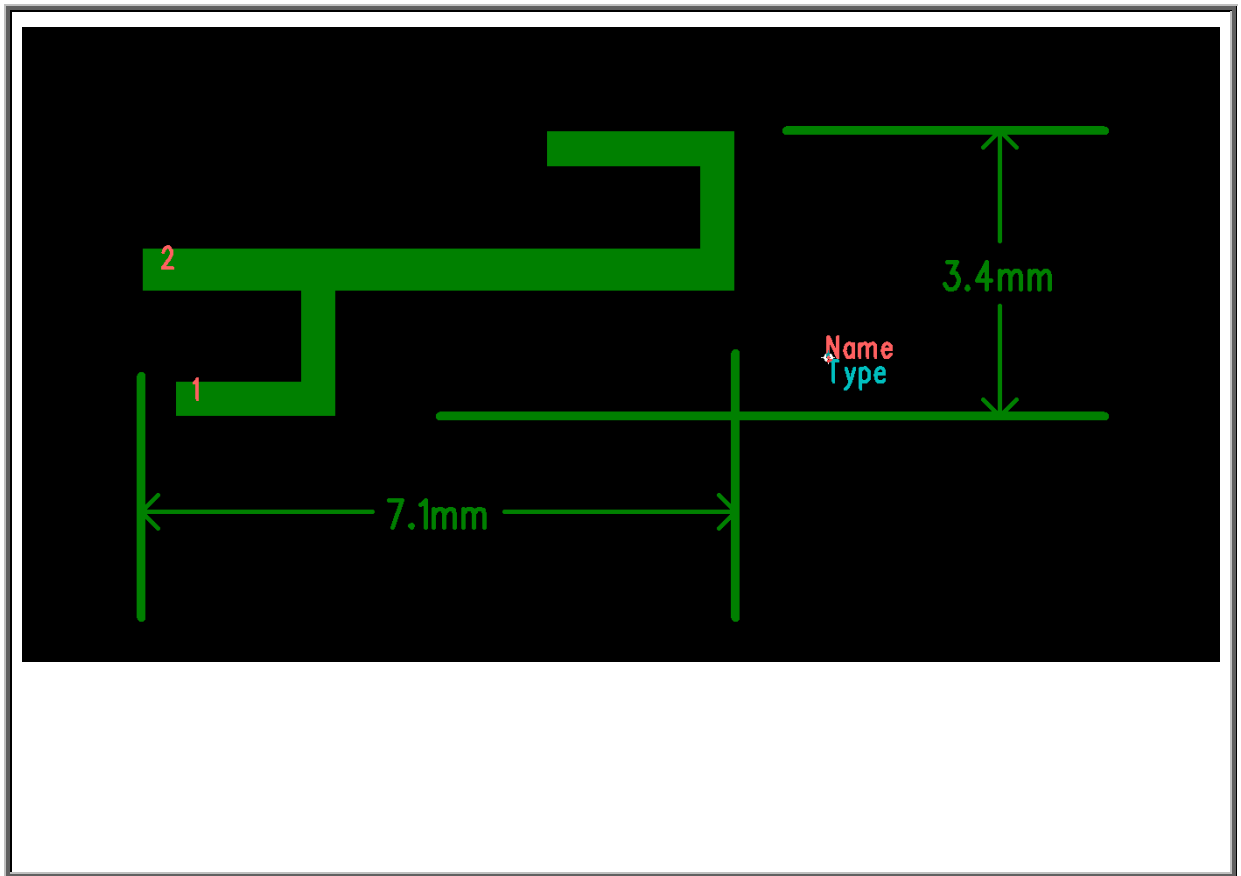
该天线是专为无线内置天线设备设计生产的，天线具有外形美观，结构小巧，一致性高，成本低廉。

The antenna is specially designed and produced for wireless built-in antenna equipment. The antenna has beautiful appearance, small structure, high consistency and low cost.

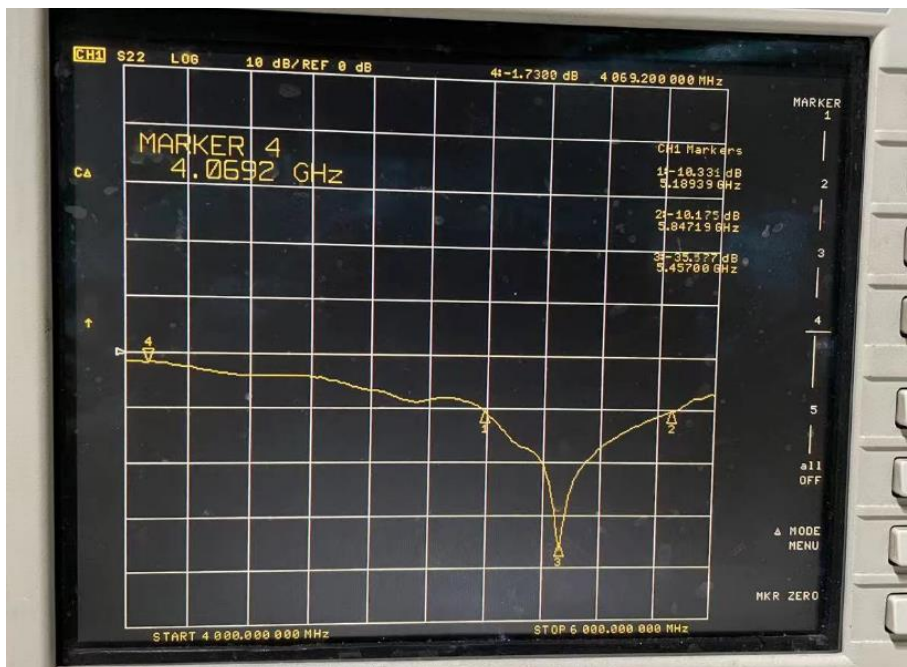
2、产品图片（PRODUCT PICTURE）



3、产品规格图(PRODUCT SPECIFICATION CHART)



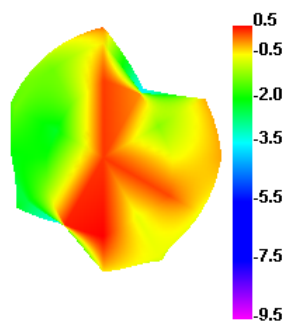
4、驻波图（STATIONARY WAVE PATTERN）



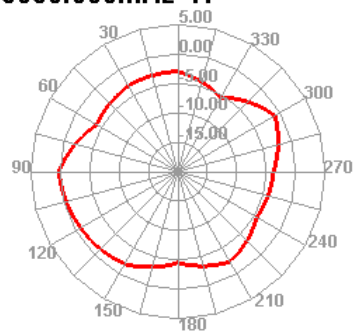
5.增益效率值 Gain and Efficiency:

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5050	43.12	-3.65	0.5
5450	42.18	-3.75	0.41
5850	46.02	-3.37	0.72

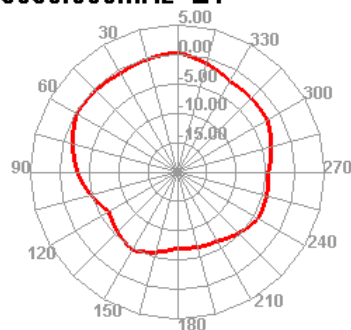
5050.000MHz



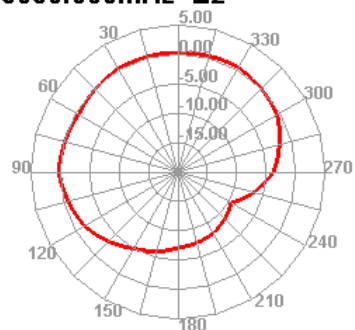
5050.000MHz H



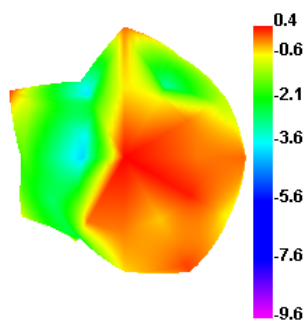
5050.000MHz E1



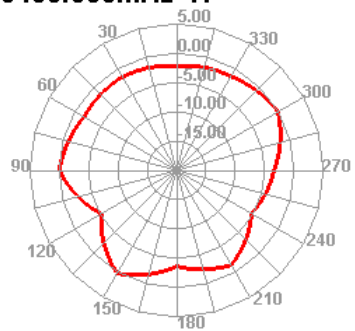
5050.000MHz E2



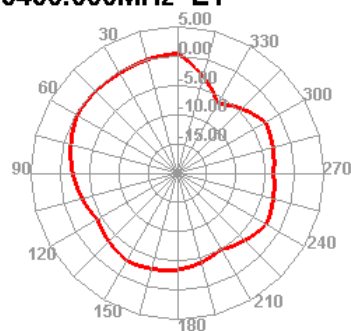
5450.000MHz



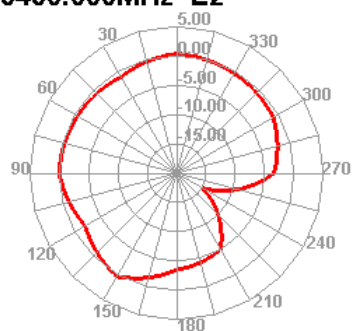
5450.000MHz H

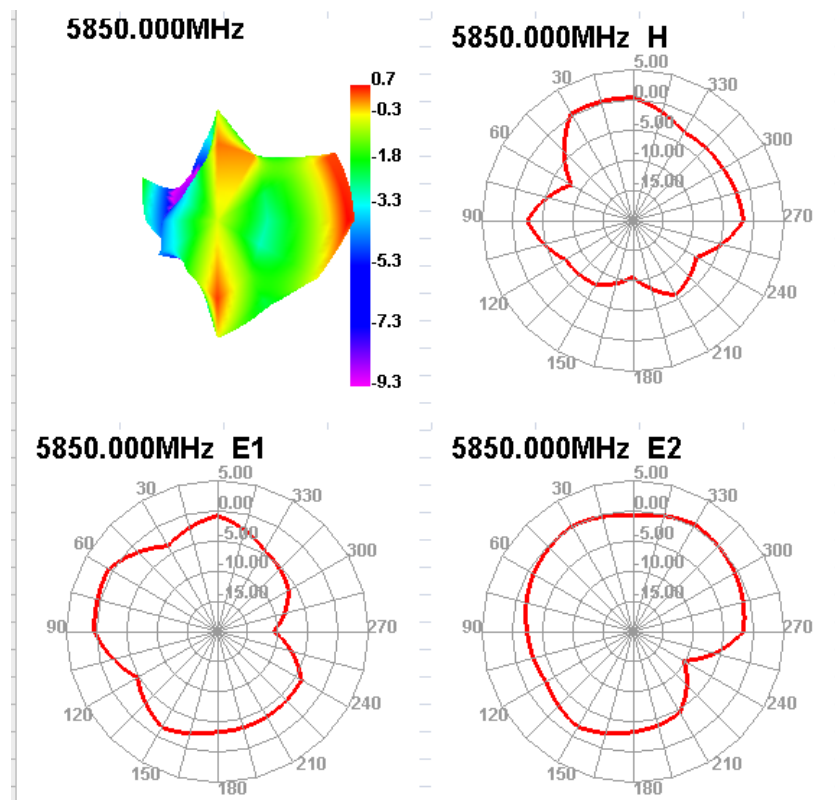


5450.000MHz E1



5450.000MHz E2





5. The production index

天线量产时，以驻波比作为量产测试标准。
 根据项目本身的差异,给出如下标准：

频率（MHZ）	量产标准
1575/2400-2500/5050-5850	VSWR（量产产品）<VSWR(设计样品)+0.5