

产品规格书

PRODUCT SPECIFICATION

Customer: ShenZhen Actionsmicro Technology Co., Ltd.

Customer's part number: ANT000058

Product description: 5G Frequency Antenna

Manufacturer: Shenzhen RedbirdTek Technology Co., Ltd.

Address: Room 206, Haibin Technology Building, Bao'an District,
Shenzhen City, Guangdong Province, China

Tester: Luo wenlai

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 Impedence (Ω)	50
电压驻波比 V.S.W.R	≤ 2.0
增益 Gain (dBi)	2.5dBi
极化形式 Polarization Type	垂直 Vertical
机械指标 Mechanical Specifications	
天线长度 Antenna Length (mm)	8*4.4*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:

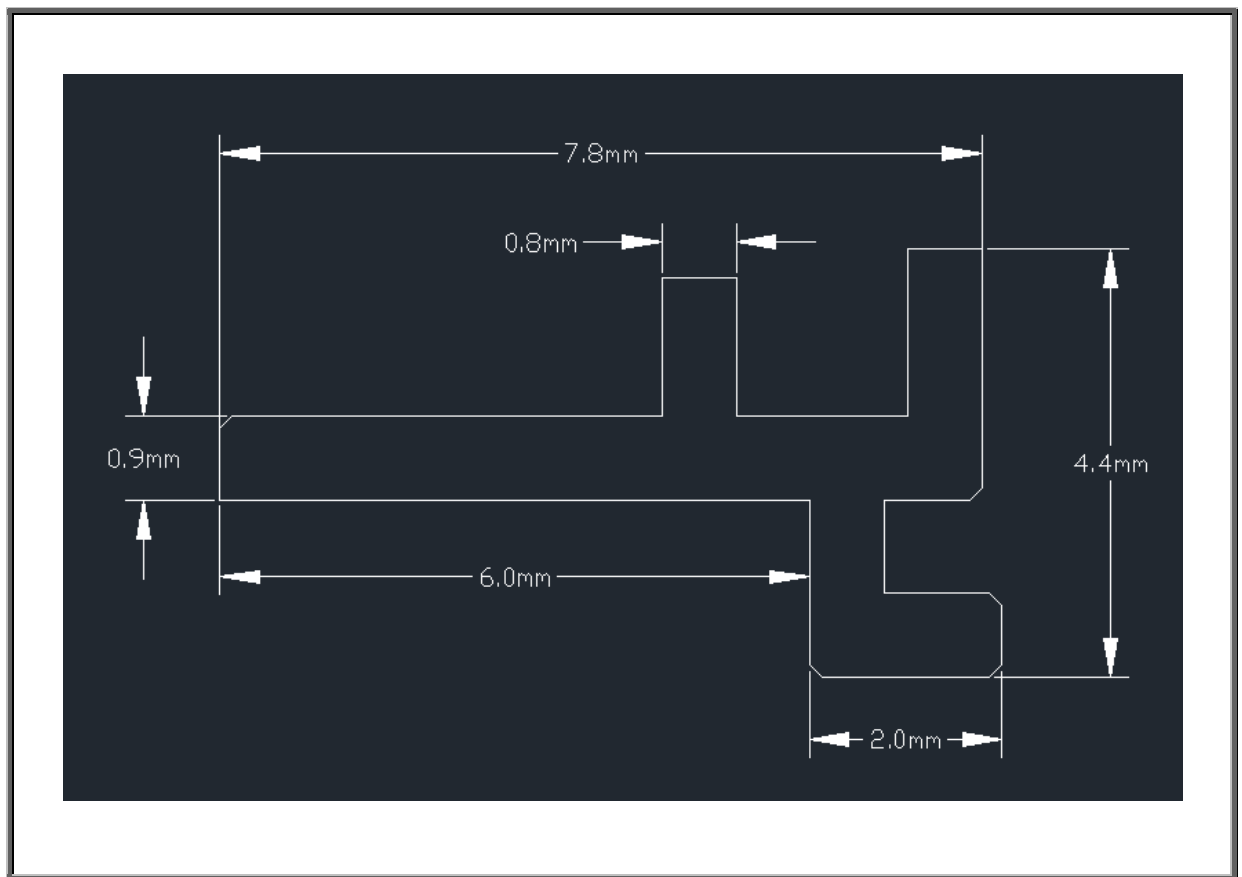
该天线是专为无线内置天线设备设计生产的，天线具有外形美观，结构小巧，一致性高，成本低廉。

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.

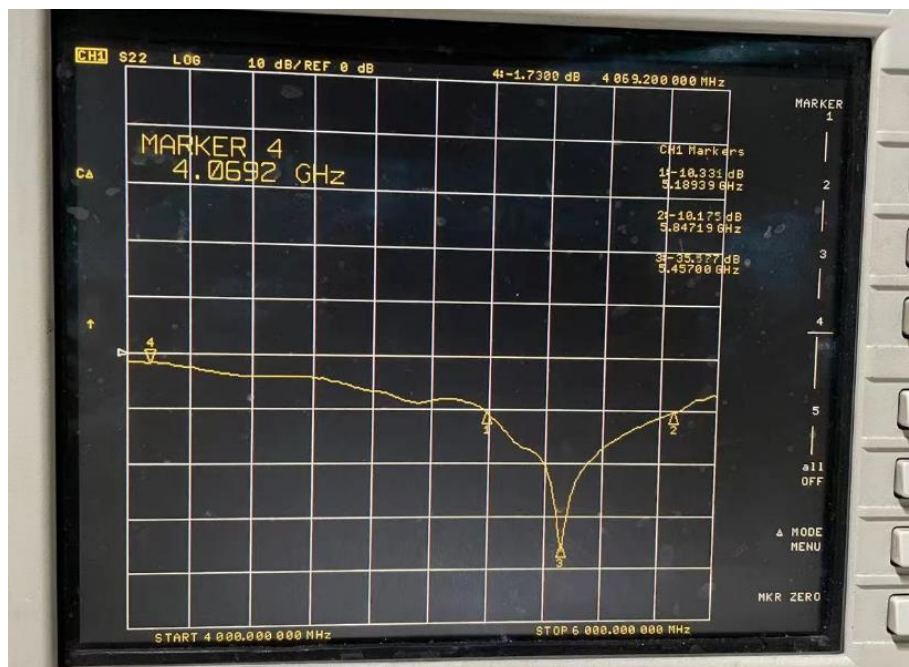
2、产品图片（PRODUCT PICTURE）



3、产品规格图(PRODUCT SPECIFICATION CHART)单位MM



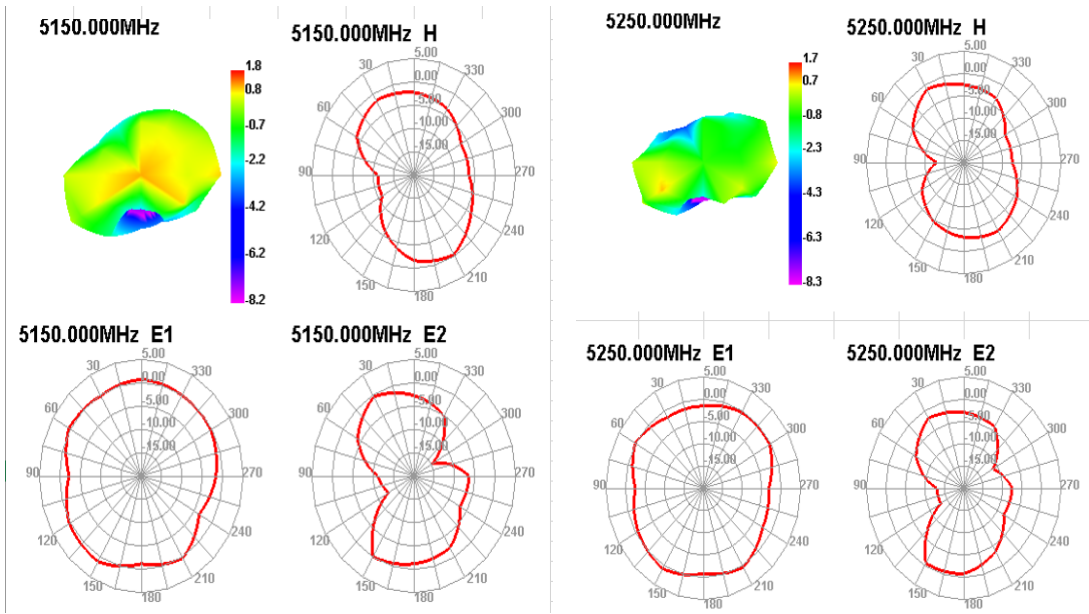
4、驻波图 (STATIONARY WAVE PATTERN)



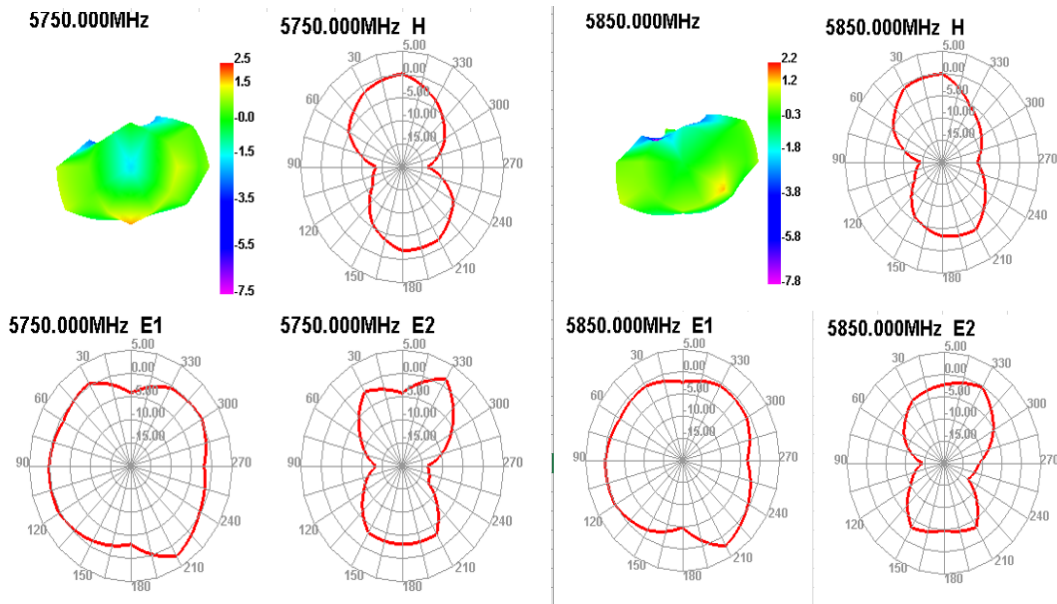
5.增益效率值 Gain and Efficiency:

Passive Test For 5.8G												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
5150	55.6	-2.55	1.78	-0.37	27.752	27.848	1.78	-14.81	4.33	90	60.21	59.62
5250	50.21	-2.99	1.7	-0.45	24.342	25.867	1.7	-13.22	4.7	90	60.03	59.24
5350	50.07	-3	2.01	-0.14	24.476	25.594	2.01	-14.47	5.02	270	58.57	57.65
5450	55.3	-2.57	2.18	0.03	27.421	27.875	2.18	-14.07	4.75	0	59.71	58.41
5550	53.8	-2.69	2.17	0.02	27.103	26.694	2.17	-14.06	4.86	0	60.49	59.1
5650	52.74	-2.78	2.23	0.08	27.365	25.373	2.23	-13.31	5.01	0	60.29	59.39
5750	56.81	-2.46	2.5	0.35	28.933	27.881	2.5	-13.74	4.96	30	60.87	60.27
5850	52.05	-2.84	2.23	0.08	24.779	27.268	2.23	-14.41	5.07	30	60.94	60.26

6.场型图 Field Pattern:



5.15G/5.25G



5.75G/5.85G