

产品规格书

PRODUCT SPECIFICATION

Customer: Actions Microelectronics Co., Ltd. All rights reserved.

Customer’s part number: S450-RX-RF

Product description: 2.4G AND 5G Frequency Antenna

Manufacturer: Shenzhen RedbirdTek Technology Co., Ltd.

Manufacturer Address:Room 201, Building A, No. 1 Qianwan 1st Road,
Qianhai Shenzhen-Hong Kong Cooperation Zone, Shenzhen City

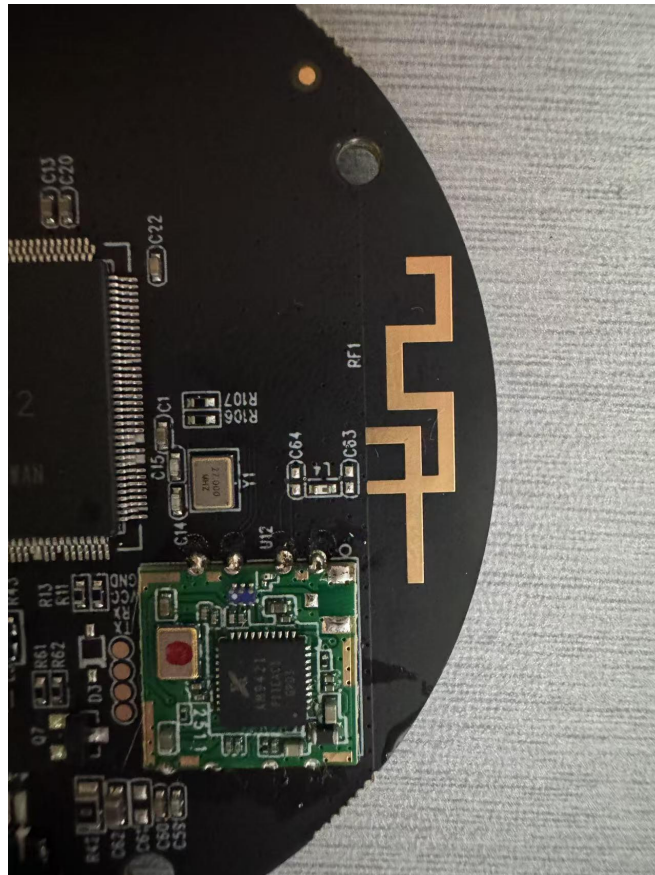
电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2.4G:2400-2500 5.2G:5150-5850
频带宽度 Bandwidth (MHz)	2.4G: 100 5G: 700
输入阻抗 Input Impendence (Ω)	50
电压驻波比 V.S.W.R	≤2.0
增益 Gain (dBi)	2.40G:3.30 5GHz:3.55
极化形式 Polarization Type	垂直 Vertical
机械指标 Mechanical Specifications	
天线长度 Antenna Length (mm)	19.5*5.3*0.2mm
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:

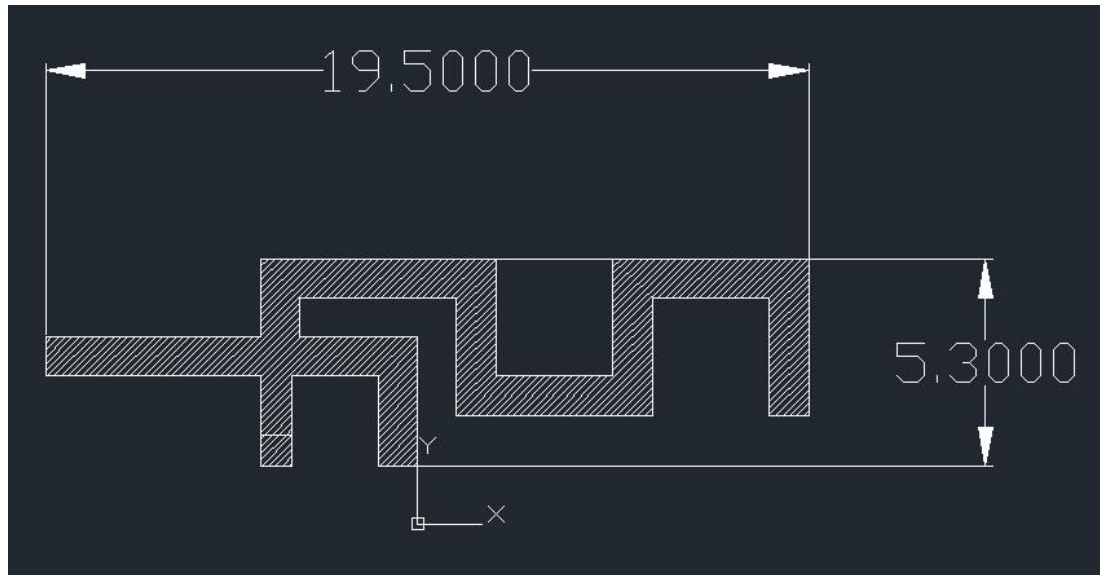
该天线是专为无线内置天线设备设计生产的，天线具有外形美观，结构小巧，一致性高，成本低廉。

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)



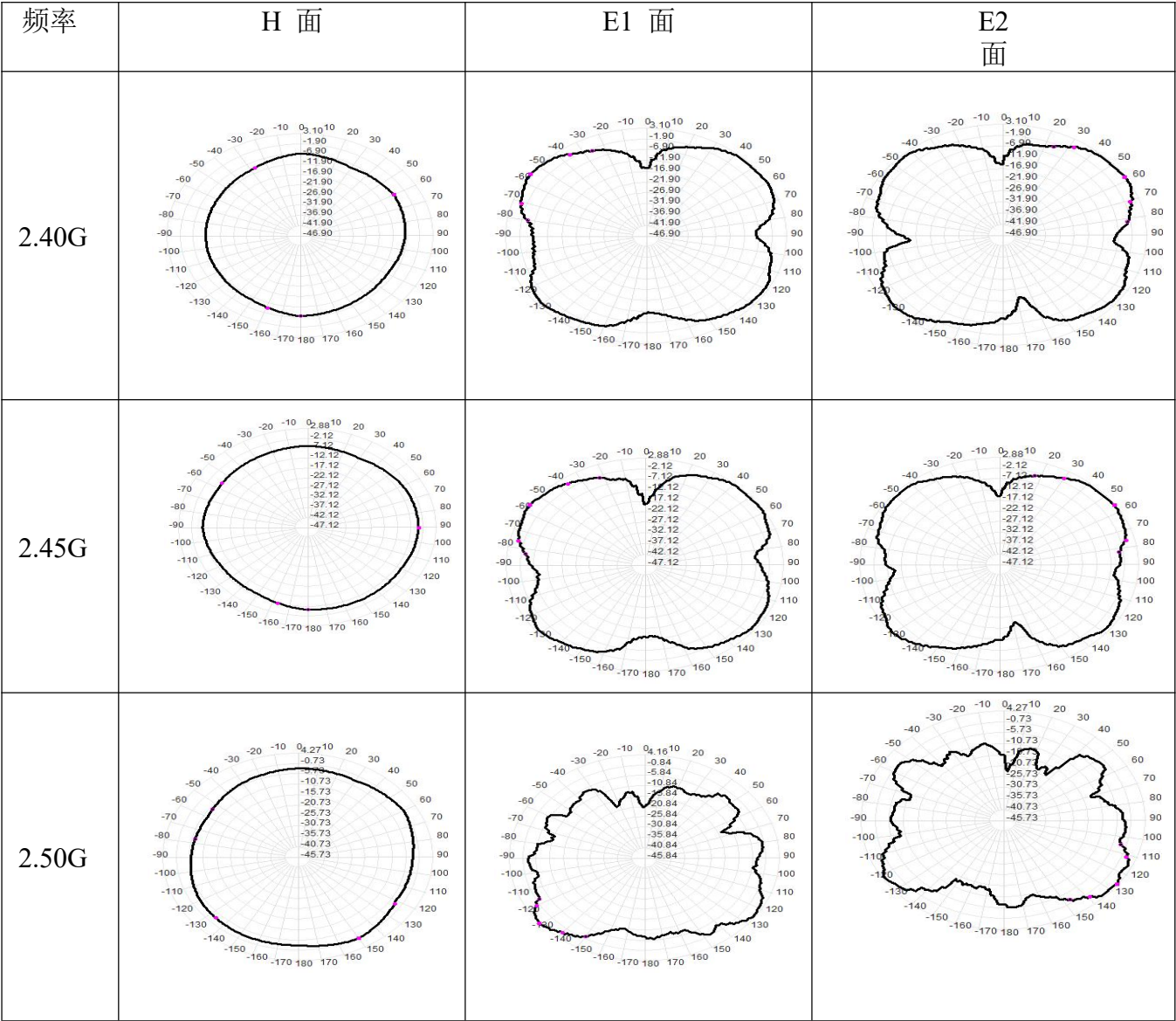
5、增益效率值 Gain and Efficiency:

Frequency	2.4GHz	2.41GHz	2.42GHz	2.43GHz	2.44GHz	2.45GHz	2.46GHz	2.47GHz	2.48GHz	2.49GHz	2.50GHz
Efficiency(%)	75.48	74.96	72.56	72.17	72.55	73.43	74.98	75.94	75.65	75.82	74.33
Gain(dbi)	3.04	3.08	3.18	3.16	3.08	2.97	3.23	3.20	3.30	2.95	3.01

Frequency	5.15GHz	5.2GHz	5.25GHz	5.3GHz	5.35GHz	5.4GHz	5.45GHz	5.5GHz	5.55GHz	5.6GHz	5.65GHz	5.7GHz	5.75GHz	5.8GHz	5.85GHz
Efficiency(%)	65.62	62.35	63.83	62.74	68.32	67.07	64.75	67.50	68.58	67.28	63.60	66.65	66.85	67.91	68.85
Gain(dbi)	2.1	2.27	2.52	3.29	3.3	2.79	3.16	3.38	3.4	3.23	3.55	3.41	3.3	3.25	3.1

6、场型图 Field Pattern:

2.4G



5G

