Antenna specification sheet

PRODUCT SPECIFICATION

Customer: Shenzhen Yuhong Technology Co., Ltd

Customer's part number: ANT000074

Product description: 2.4G/5G Iron sheet antenna

Manufacturer：Shenzhen Ruibotai Technology Co., Ltd

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

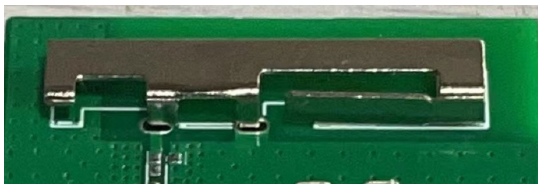
电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2400-2500/5150-5350/5700-5850
频带宽度 Bandwidth (MHz)	2.4G：100 5G：350
输入阻抗 Input Impendence (Ω)	50
电压驻波比 V.S.W.R	≤2.0
增益 Gain (dBi)	2.4G：<3.04 5.1G：<2.22
极化形式 Polarization Type	垂直 Vertical
机械指标 Mechanical Specifications	
天线长度 Antenna Length (mm)	21.5*3.5*4.5mm
辐射体 Radiator	Nickel plating on steel sheets
连接器型号 Connect Type	DIP
工作温度 Working Temp(°C)	-20~90
储藏温度 Storage Temperature(°C)	-40~95

外壳颜色 Radome Color	银色silvery
重量 Weight (g)	0.5

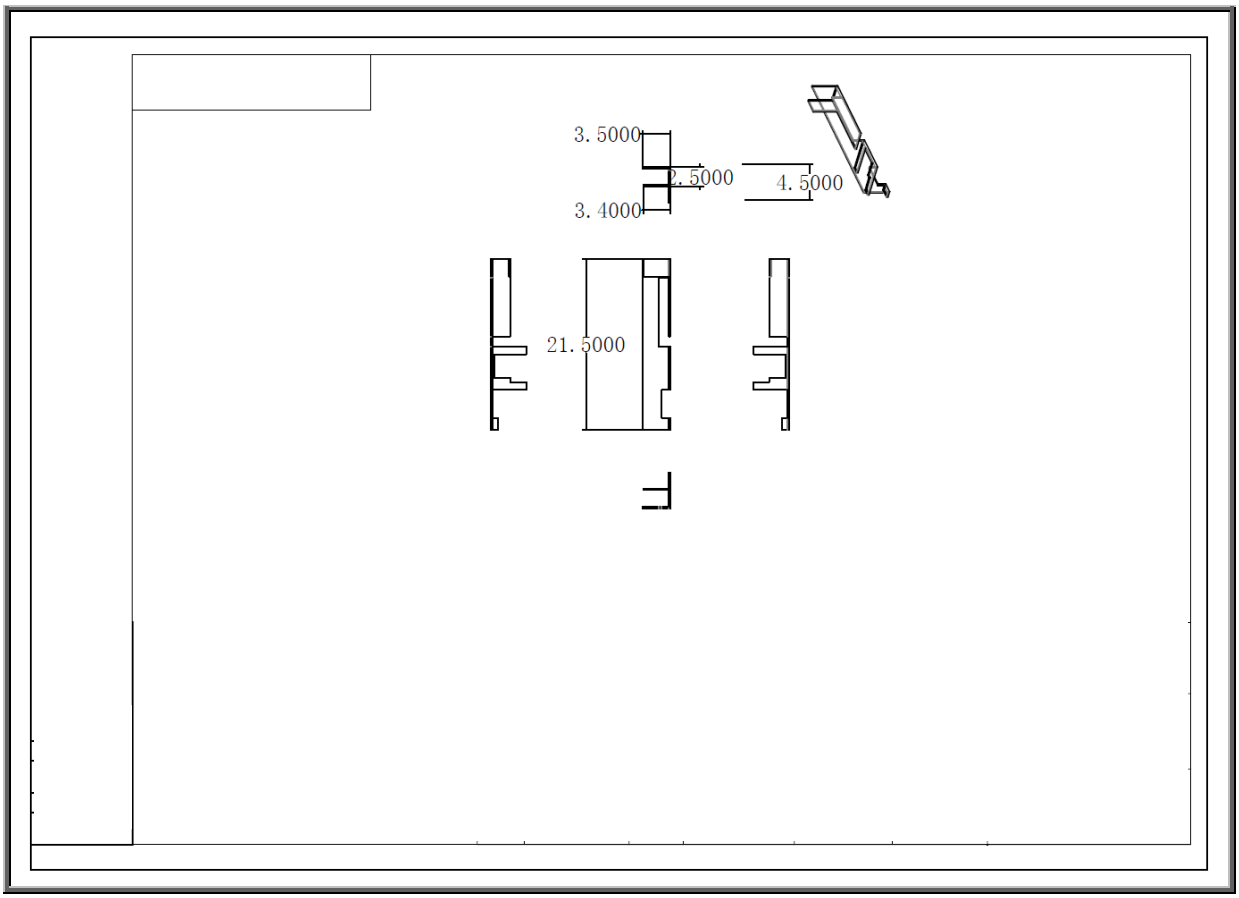
Product Introduction

This antenna is designed and produced specifically for wireless built-in antenna devices. The antenna has the advantages of beautiful appearance, compact structure, and convenient installation. The material is made of stainless steel plated with nickel, with sufficient hardness.

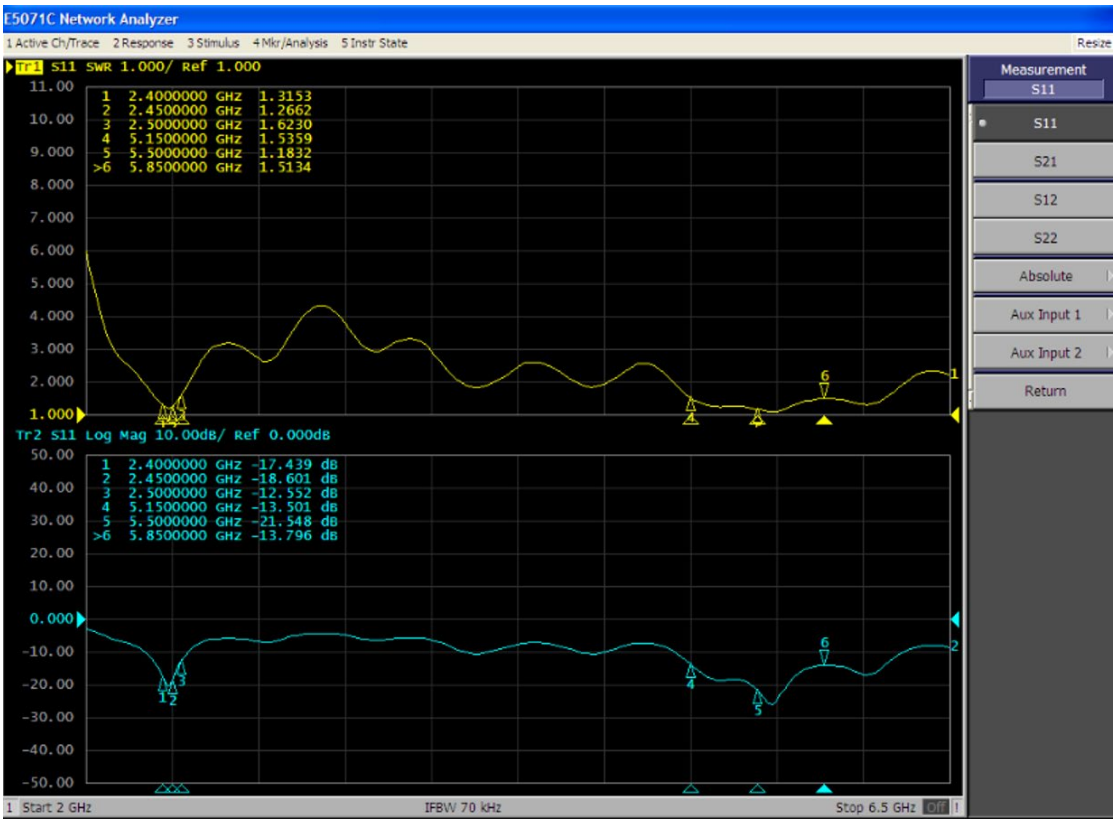
2、产品图片（PRODUCT PICTURE）



3、产品规格图(PRODUCT SPECIFICATION CHART)



4、驻波图（STATIONARY WAVE PATTERN）

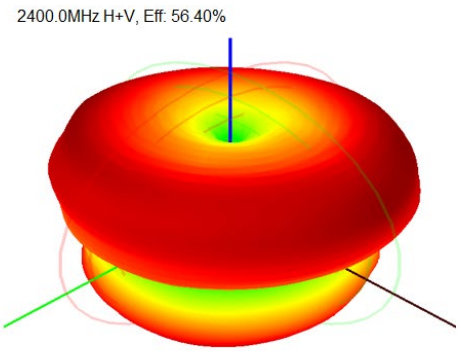


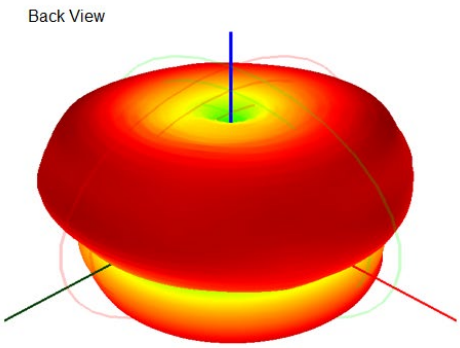
5.增益效率值：Gain efficiency value:

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	3.04	2.08	2.18	2.16	2.08	1.97	2.23	2.20	2.30	1.95	2.01
Efficiency (%)	56.40	61.23	54.23	56.21	49.45	57.12	56.43	51.78	57.23	52.02	48.54

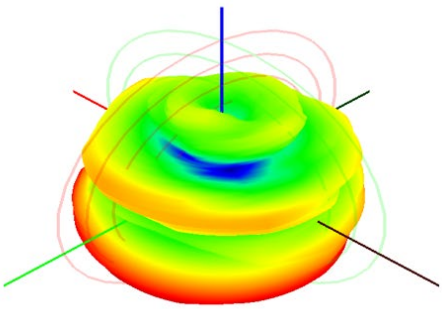
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
2.01	1.93	2.22	1.56	1.23	1.45	1.32	1.87	1.67	2.01	2.12	1.98	1.78	2.08	2.12
48.20	49.10	52.10	49.67	49.21	36.56	52.11	48.76	45.65	39.23	45.62	48.76	51.22	49.12	45.78

6.场型图 Field plot

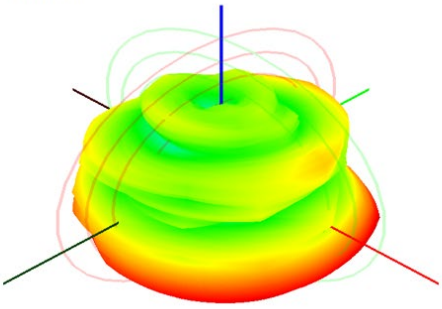




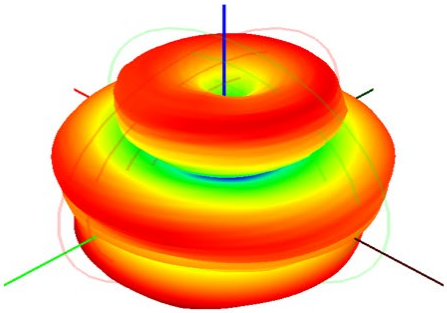
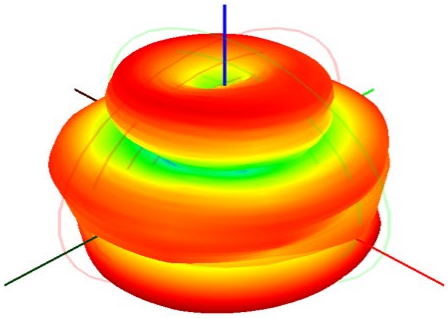
5350.0MHz H+V, Eff: 49.21%



Back View



5700.0MHz H+V, Eff: 48.76%



Back View