

PRODUCT SPECIFICATION

Manufacturer: Shenzhen Sage IOT Technology Co., Ltd.

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garden,Xixiang Jie Yin Tian Industrial Zone,Bao'anDistrict,
Shenzhen City, P.R. China

Part number: ANT002001

Product description: 2.4GHz Antenna

1、PRODUCT TECHNICAL SPECIFICATION

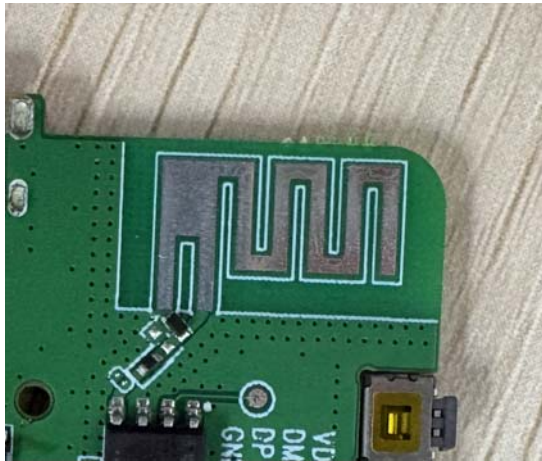
Electrical Specifications	
Frequency Range (MHz)	2400-2500
Bandwidth (MHz)	100
Input Impedence (Ω)	50
V.S.W.R	≤ 2.5
Gain (dBi)	2.4G: <2.88
Polarization Type	Vertical
Mechanical Specifications	
Antenna Length (mm)	11.8*7.5*0.1mm
Radiator	Copper
Working Temp($^{\circ}\text{C}$)	-20~70
Storage Temperature($^{\circ}\text{C}$)	-30~90
Radome Color	Silver

edwin

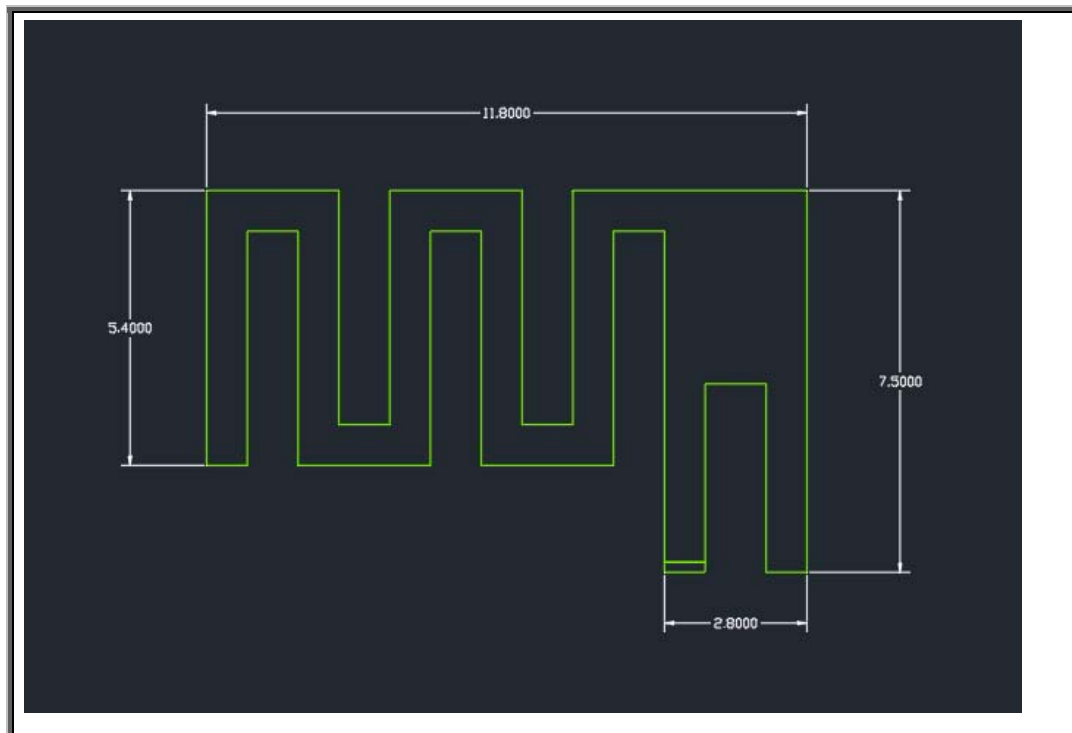
Product introduction:

The antenna is specially designed and produced for wireless built-in antenna equipment. The antenna has the advantages of beautiful appearance, compact structure and convenient installation. The material is Copper.

2、PRODUCT PICTURE



3、PRODUCT SPECIFICATION CHART (mm)



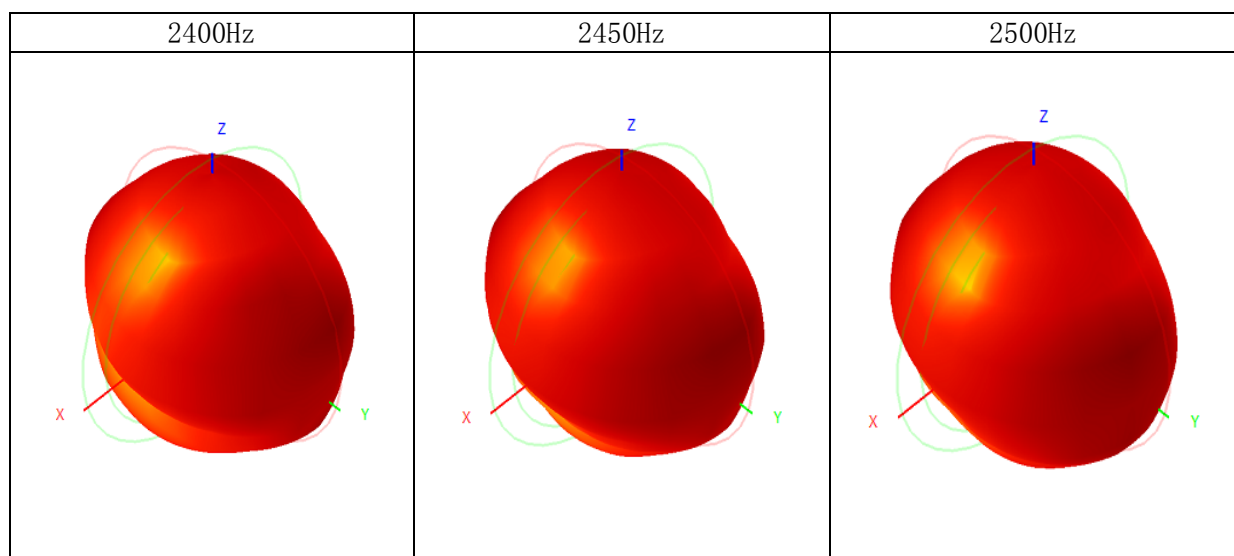
4、STATIONARY WAVE PATTERN



5. Gain and Efficiency:

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)	2.70	2.78	2.80	2.88	2.72	2.81	2.45	2.36	2.18	2.02	1.89
Efficiency (%)	69.07	70.52	71.16	71.78	69.13	69.49	64.06	63.03	59.92	57.57	54.95

6. 3D Radiation Pattern:



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2D Radiation Pattern:

2450MHz

