

规格承认书

SPECIFICATION FOR APPROVAL

日期 2026/04/20
Date
编号 260401C
File No
版本 1.0
Revision

客 户

CUSTOMER: _____

客户料号

品 名

2.4GHz CA-C01天线
2.4GHz CA-C01 antenna

PART NAME:

供方料号

SUPPLIER NO: CA-C01

送样日期Date:

送样数量Q “TY:

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN

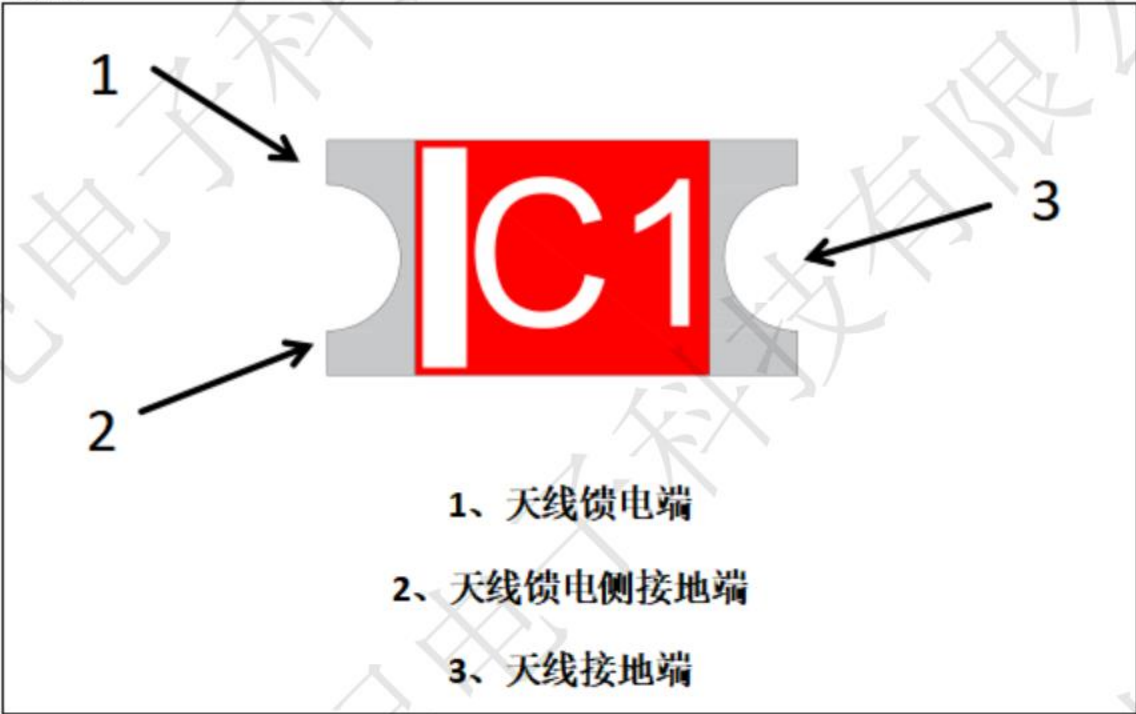
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工程成品图

Drawing

结构



尺寸

三视图	符号	尺寸(mm)
	L	3.20 ± 0.10
	W	1.60 ± 0.10
	T	0.40 ± 0.05
	a	0.60 ± 0.10

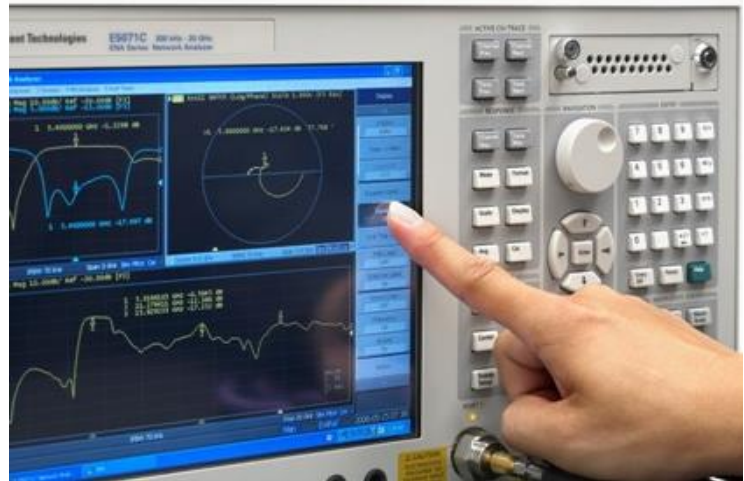
天线规格

Antenna Specification

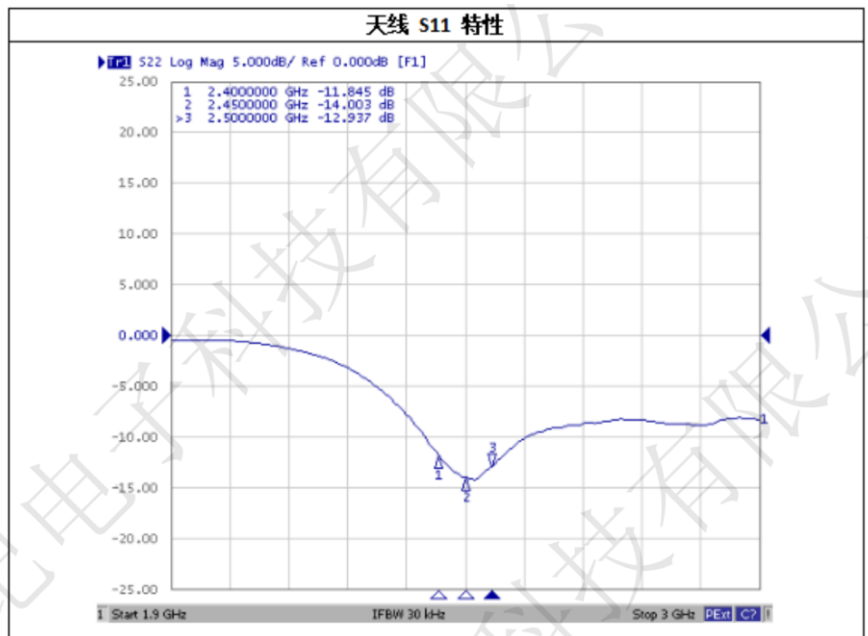
Electrical Properties	
Frequency	2400-2500 MHz
Impedance	50 Ohm Nominal
V.S.W.R	≤2.0(Max)
Return Loss	≤-10(Max)
Radiation	Omni-directional
Gain (Peak)	≤2.96dBi(Max)
Polarization	Omnidirectional
Connector	SMT
Physical Properties	
Operating Temp.	-40 ~ +85 °C
Storage Temp.	-40 ~ +85 °C

Antenna Performance Test

**Agilent
E5071C**



**S
Parameter
Test //
WIFI**

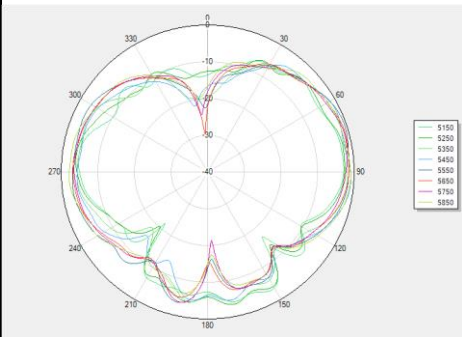


Passive Test For Antenna(2400–2500Mhz)

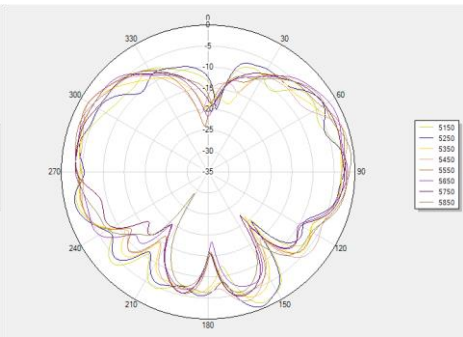
Frequency/MHz	MaxGain/dBi	Efficiency / %
2400	2.52	51.4
2410	2.59	53.09
2420	2.59	53.58
2430	2.62	53.83
2440	2.96	57.41
2450	2.62	57.94
2460	2.13	55.21
2470	2.26	54.7
2480	2.53	55.08
2490	2.1	53.83
2500	1.48	51.88

Antenna Radiation Pattern

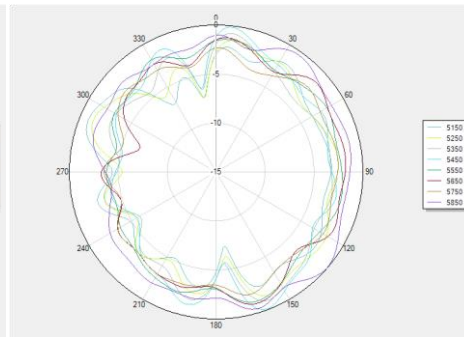
Phi 0 2D



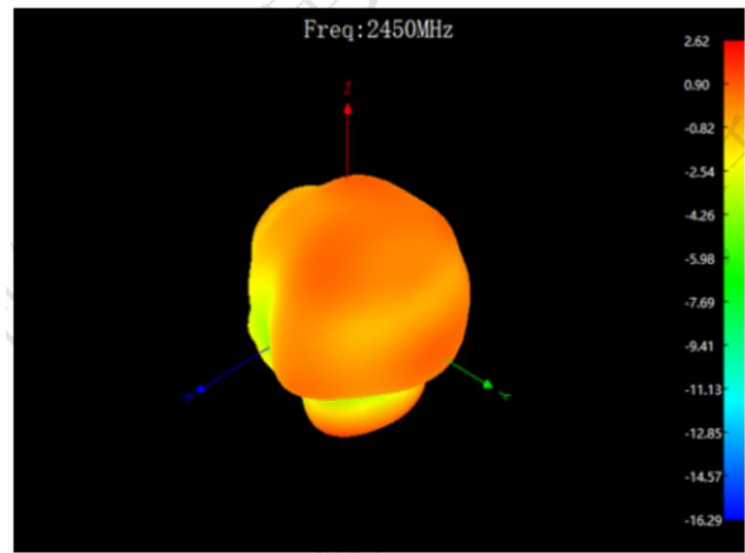
Phi 90 2D



Theta 90 2D



3D 2450:



Antenna Photo

