

SPECIFICATION FOR APPROVAL

CUST OMER: Shenzhen Ai-Thinker Technology Co., Ltd

CUS PART NO: NF-03

PART NAME: 2.4G Antenna

Edition: 1.0

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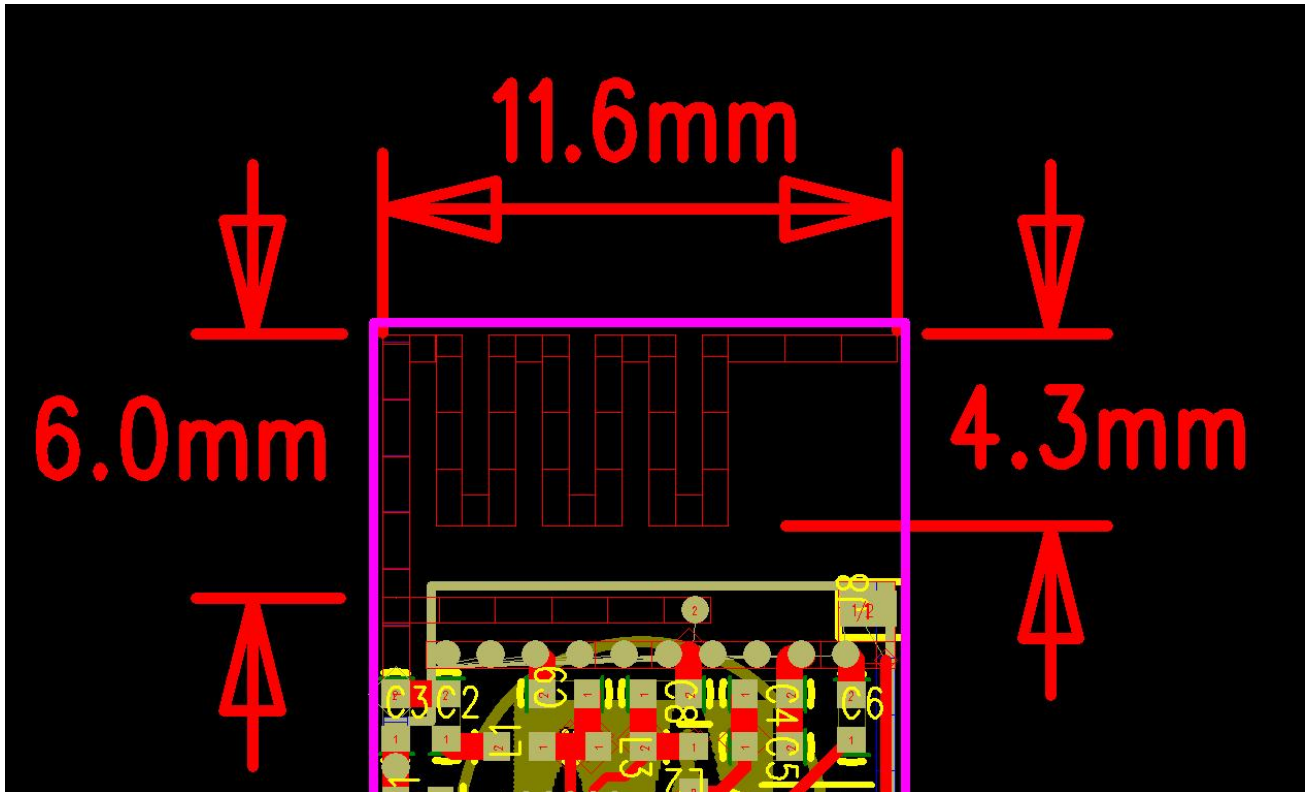
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Directory

1、Antenna Dimension.....	3
2、Performance parameter	3
3、VSWR	4
4、Passive test data.....	4
5、Radiation pattern	5

Product specification

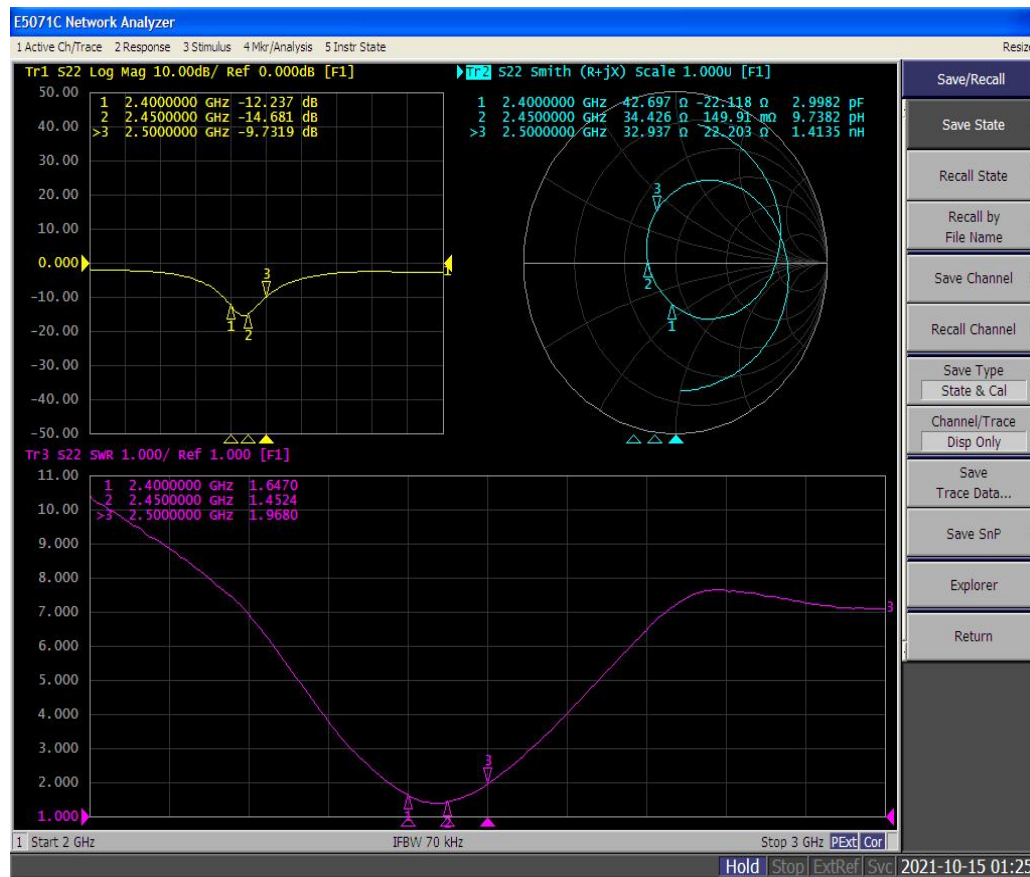
1、 Antenna Dimension



2、 Performance parameter

Name	2. 4G Antenna
Model Type	PCB Print Antenna
ELECTRICAL SPECTFICATIONS	
Frenquency Range	2400-2500MHz
Band Width	100MHz
Impedance	50 Ω
VSWR	< 2. 0
Max Gain	2. 76dBi
Polarization	Vertical/Horizontal
Radiation	Omnidirectional
Power	50 W
MECHANICAL SPECTFICATIONS	
Connector	Welding type
Working Temperature	-40℃ - + 85℃
Limit Temperature	-40℃ - + 125℃

2、VSWR



3、Passive test data:

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	2.22	2.33	2.17	2.36	2.39	2.66	2.76	2.73	2.60	2.68	2.46
Efficiency (%)	51.82	53.28	51.76	54.30	54.53	57.77	59.73	60.40	59.74	62.50	61.58

4、Radiation pattern

