

SPECIFICATION FOR APPROVAL

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

CUS PART NO: PB-03F

PART NAME: 2.4G WLAN Antenna

Edition: 1.0

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Shenzhen Ai-Thinker Technology Co., Ltd

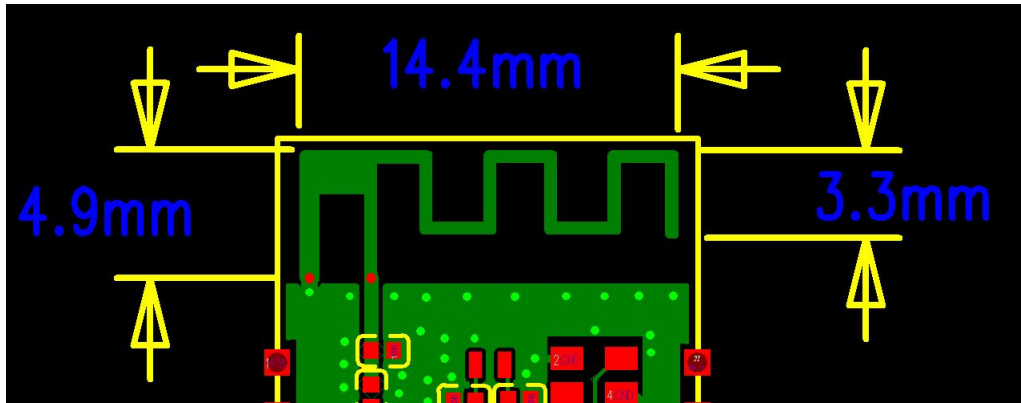
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Product specification

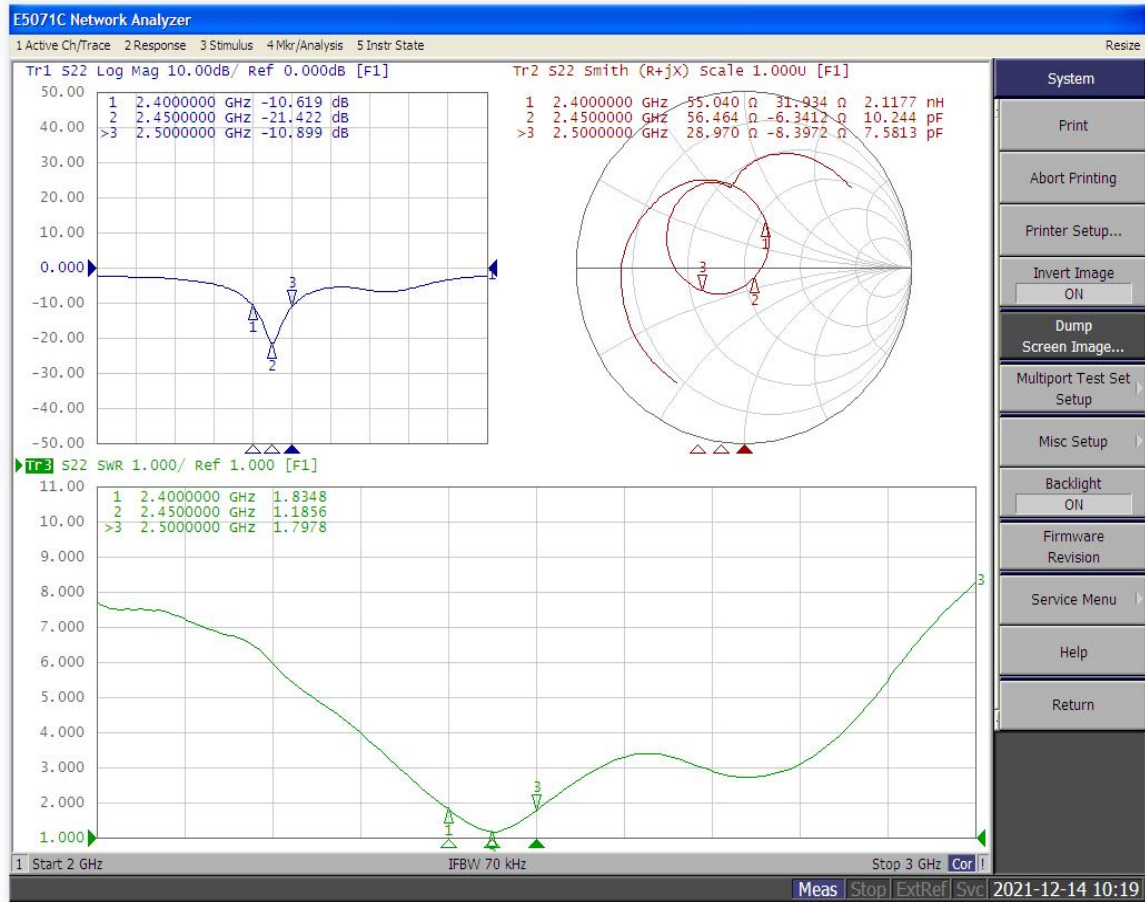
1、 Antenna Dimension



2、 Performance parameter

Name	2.4G WLAN Antenna
Model Type	PCB Print Antenna
ELECTRICAL SPECTFICATIONS	
Frenquency Range	2400-2500MHz
Band Width	100MHz
Impedance	50 Ω
VSWR	< 2.0
Max Gain	3.14dBi
Polarization	Vertical/Horizontal
Radiation	Omnidirectional
Power	50 W
MECHANICAL SPECTFICATIONS	
Connector	Welding type
Working Temperature	-40°C - + 85°C
Limit Temperature	-40°C - + 125°C

3、VSWR

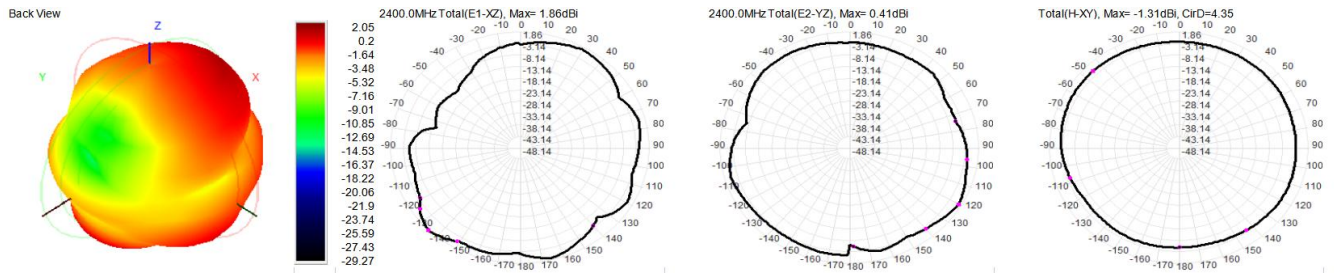


4、Passive test data:

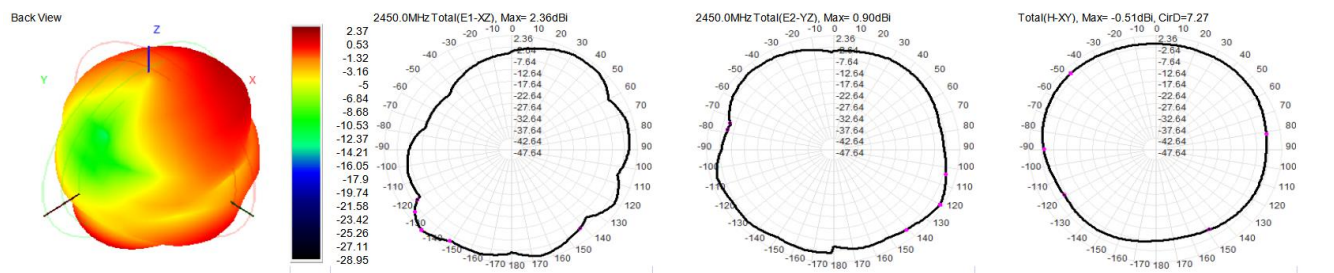
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	2.05	2.21	2.26	2.17	2.08	2.37	2.67	3.02	3.08	3.14	2.77
Efficiency (%)	52.58	53.68	54.92	55.32	54.65	56.88	57.60	59.90	60.22	63.27	61.46

5、Radiation pattern

2400MHz



2450MHz



2500MHz

