

SPECIFICATION FOR APPROVAL

CUST OMER: Shenzhen Ai-Thinker Technology Co., LtdCUS PART NO: Ai-M62-12FPART NAME: 2.4G WLAN AntennaEdition: 1.0

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Manufacturer ; **ZHONGSHAN B&T TECHNOLOGY Co., Ltd**

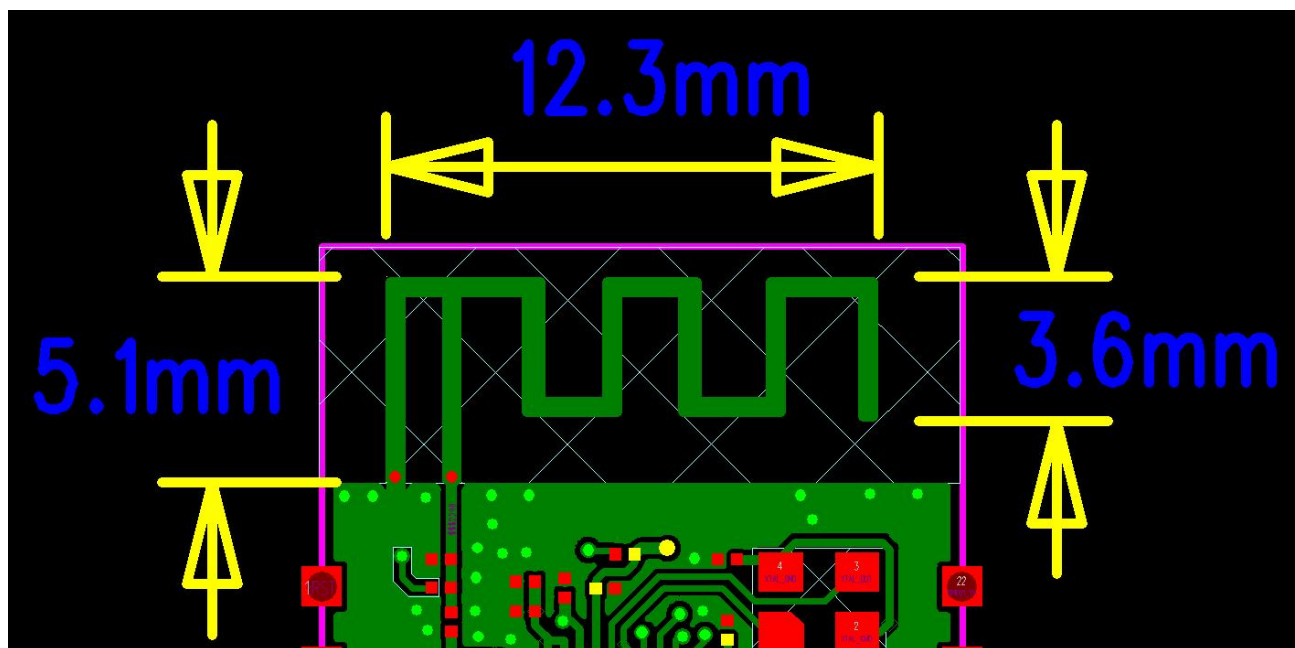
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Product specification

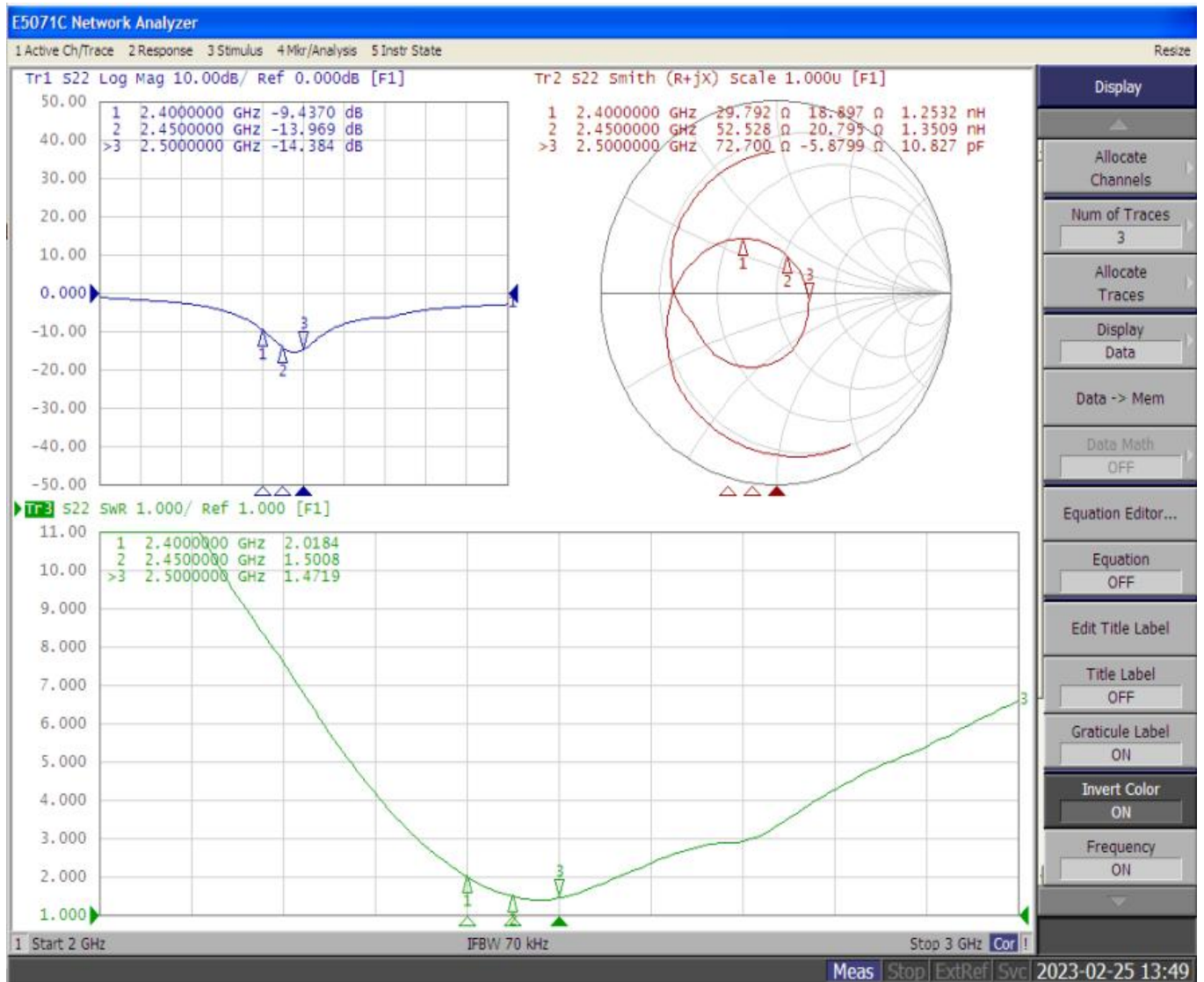
1. Antenna Dimension



2. Performance parameter

Name	<u>2.4G WLAN Antenna</u>
Model Type	PCB Print Antenna
ELECTRICAL SPECTFICATIONS	
Frenquency Range	2400-2500MHz
Band Width	100MHz
Impedance	50 Ω
VSWR	< 2.02
Max Gain	1.32dBi
Polarization	Vertical/Horizontal
Radiation	Omnidirectional
Power	50 W

3. VSWR

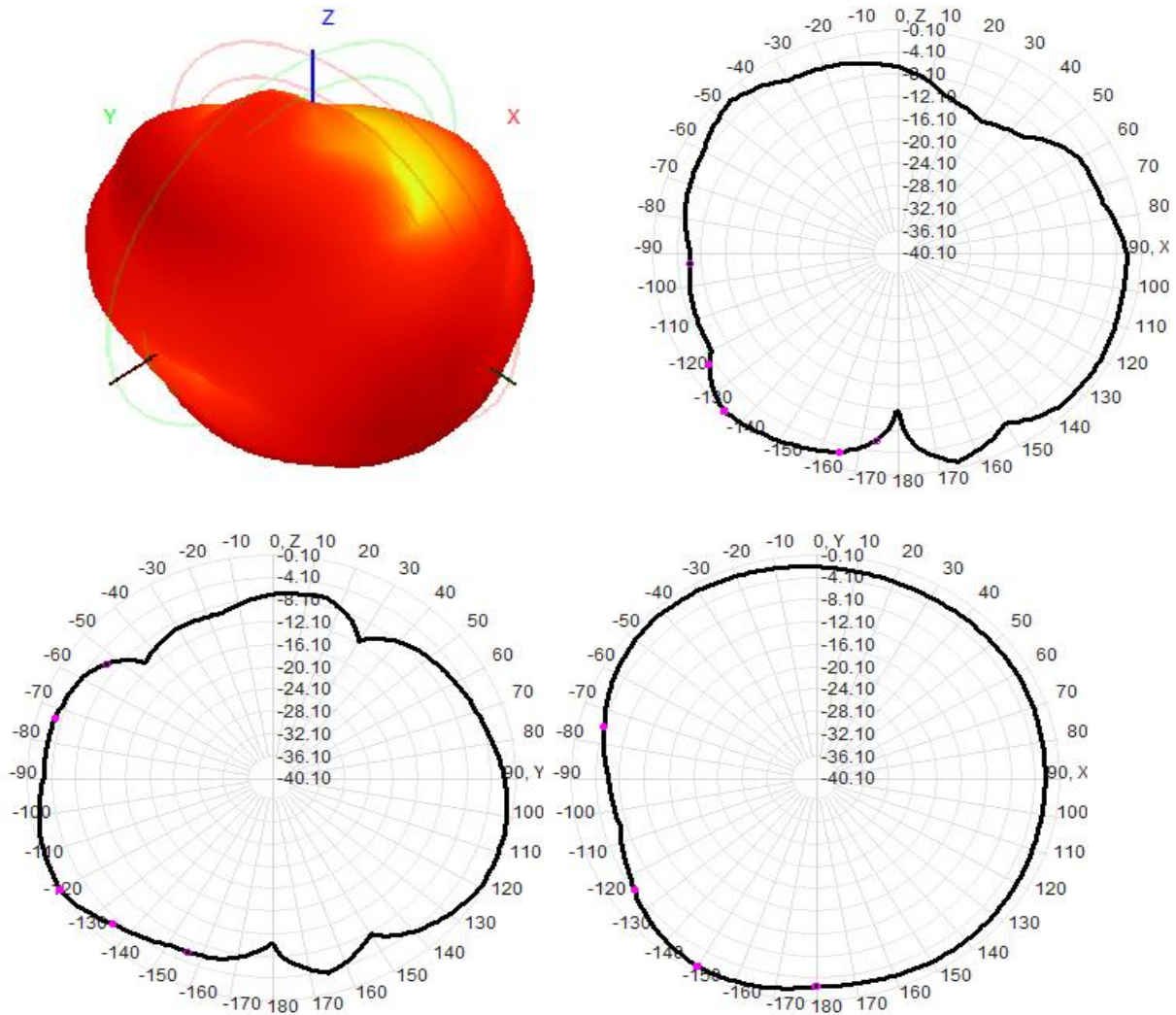


4. Passive test data:

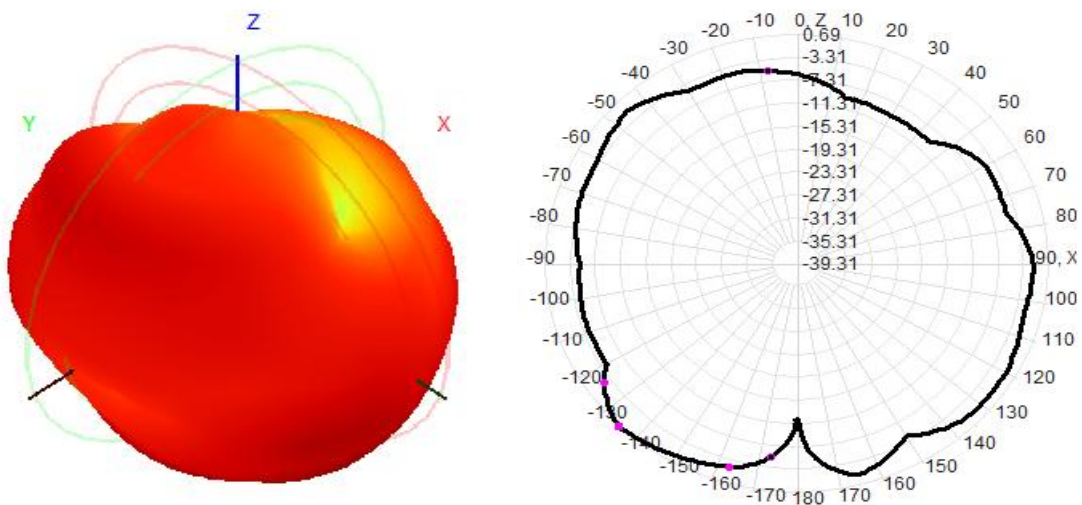
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	0.15	0.35	0.33	0.54	0.93	1.00	1.21	1.32	1.18	1.14	1.23
Efficiency (%)	46.44	48.21	46.87	48.02	51.00	51.53	54.15	55.61	54.13	53.62	54.38

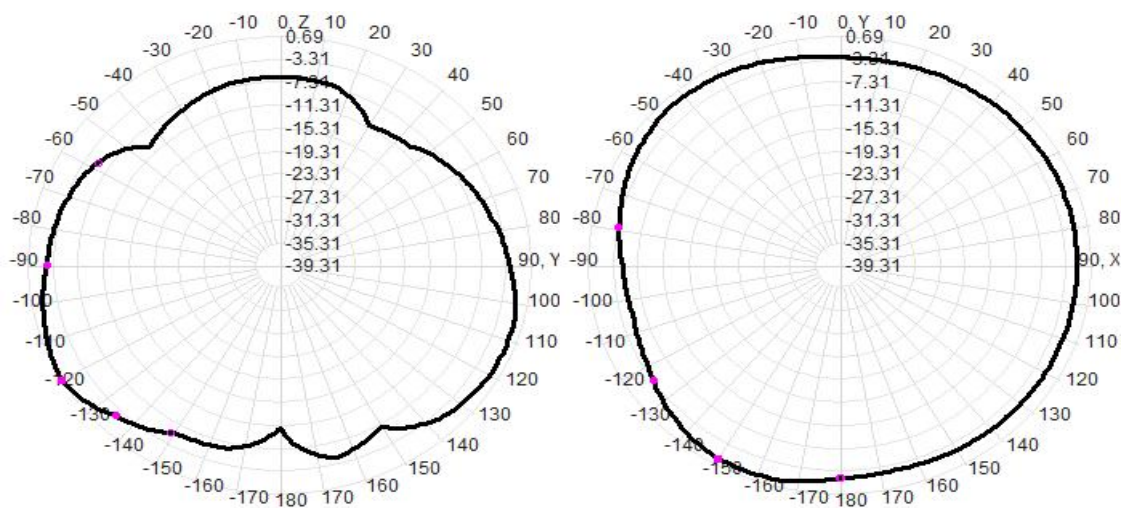
5. Radiation pattern

(1) 2400MHz



(2) 2450MHz





(3) 2500MHz

