

SPECIFICATION FOR APPROVAL

CUST OMER: Shenzhen Ai-Thinker Technology Co., LtdCUS PART NO: TB-02PART NAME: 2.4G WLAN AntennaEdition: 1.0

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**SHENZHEN B&T TECHNOLOGY Co., Ltd****ZHONGSHAN B&T TECHNOLOGY Co., Ltd**

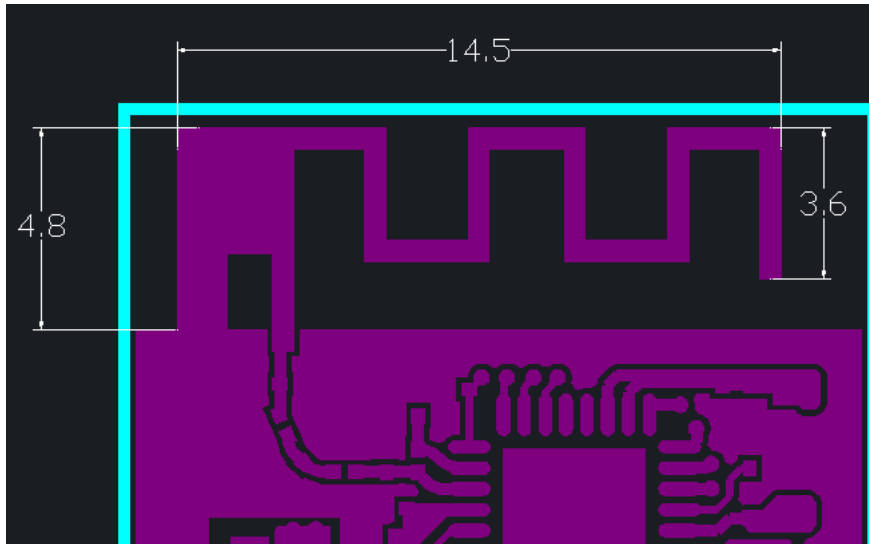
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Product specification

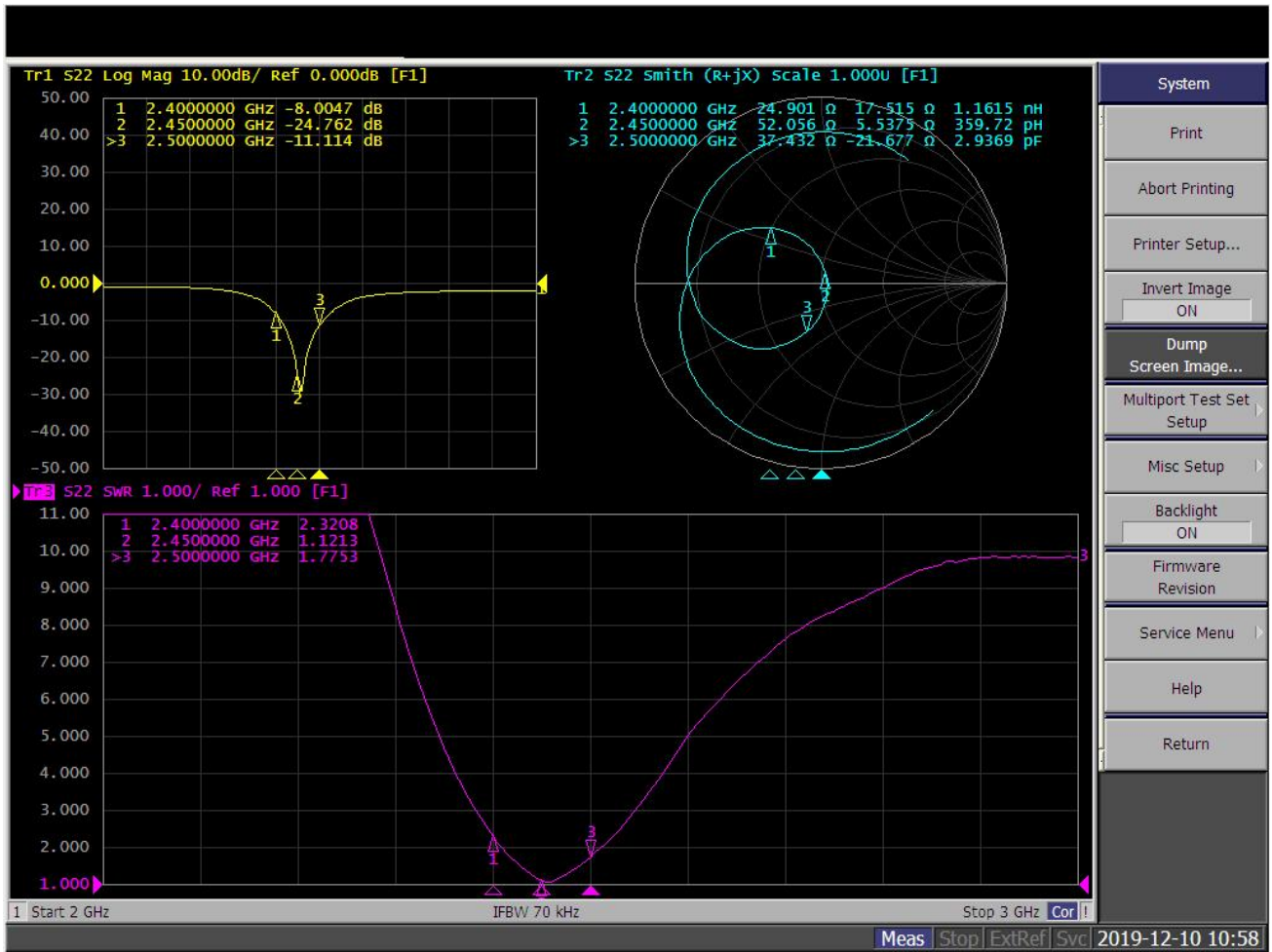
1. Dimensions



2. Performance parameter

Name	<u>2.4G WLAN Antenna</u>
Model Type	PCB Antenna
Manufacturer	Shenzhen Ai-Thinker Technology Co., Ltd
ELECTRICAL SPECTFICATIONS	
Frenquency Range	2400-2500MHz
Band Width	100MHz
Impedance	50 Ω
VSWR	< 2.4
Max Gain	1.74dBi
Polarization	Vertical/Horizontal
Radiation	Omnidirectional
Power	50 W

3. VSWR

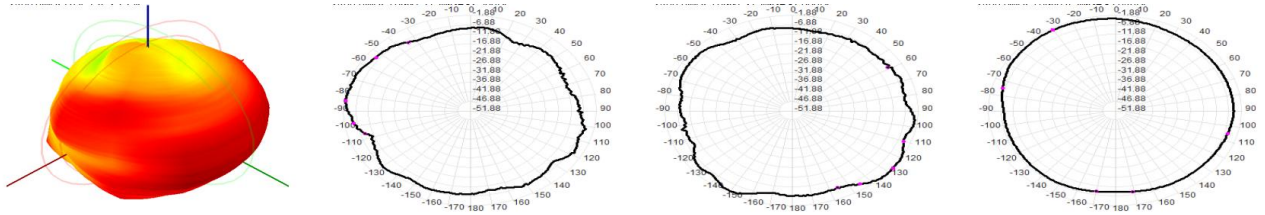


4. Passive test data:

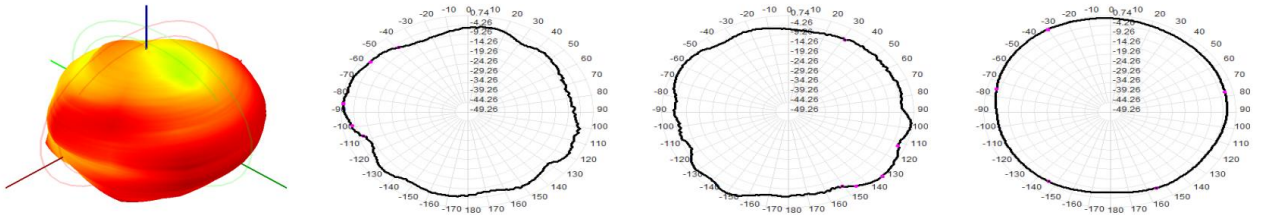
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	-1.66	-1.48	-0.23	0.48	1.18	1.24	1.74	1.52	1.06	1.41	1.43
Efficiency (%)	23.08	22.89	29.02	33.96	40.34	38.80	42.91	44.54	43.56	47.77	46.55

5. Radiation pattern

(1) 2400MHz



(2) 2450MHz



(3) 2500MHz

