

SPECIFICATION FOR APPROVAL

CUST OMER: Shenzhen Ai-Thinker Technology Co., LtdCUS PART NO: TB-03FPART NAME: 2.4G WLAN AntennaEdition: 1.0

Editor	Liu ze	2020/03/25
Verifier	Guan Ning	2020/03/25
Approver	Xu Fuqiang	2020/03/25

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

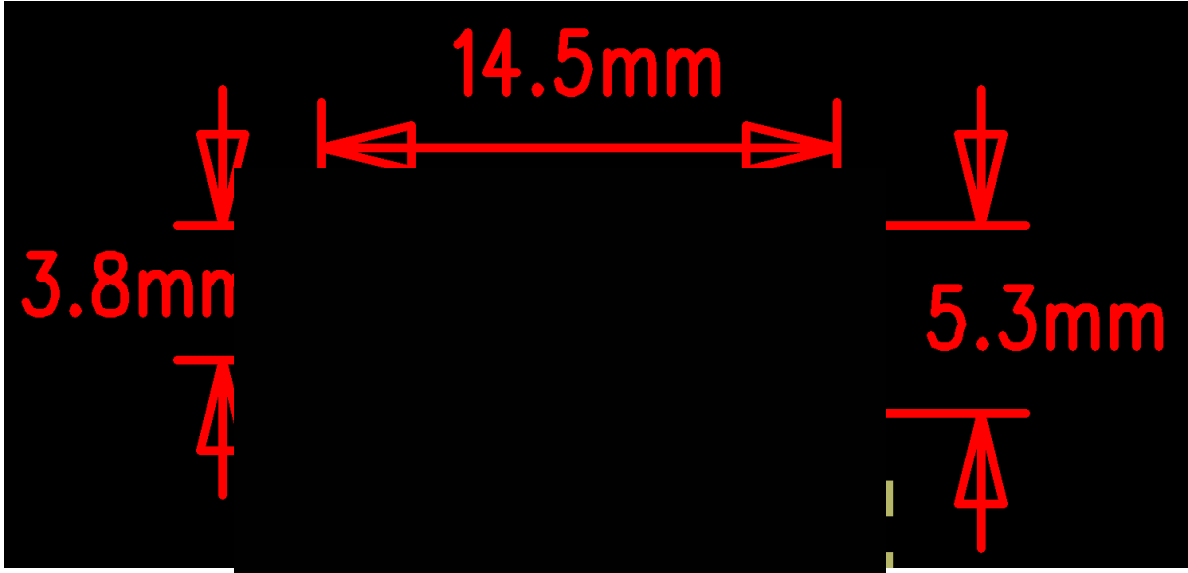
Address: 3-4/F, Building A, Dongfang Industrial Park, Nanlang Town,
Zhongshan City, Guangdong Province, China

Directory

Product specification.....	- 3 -
1. Dimensions.....	- 3 -
2. Performance parameter.....	- 3 -
3. VSWR.....	- 4 -
4. Passive test data:.....	- 4 -

Product specification

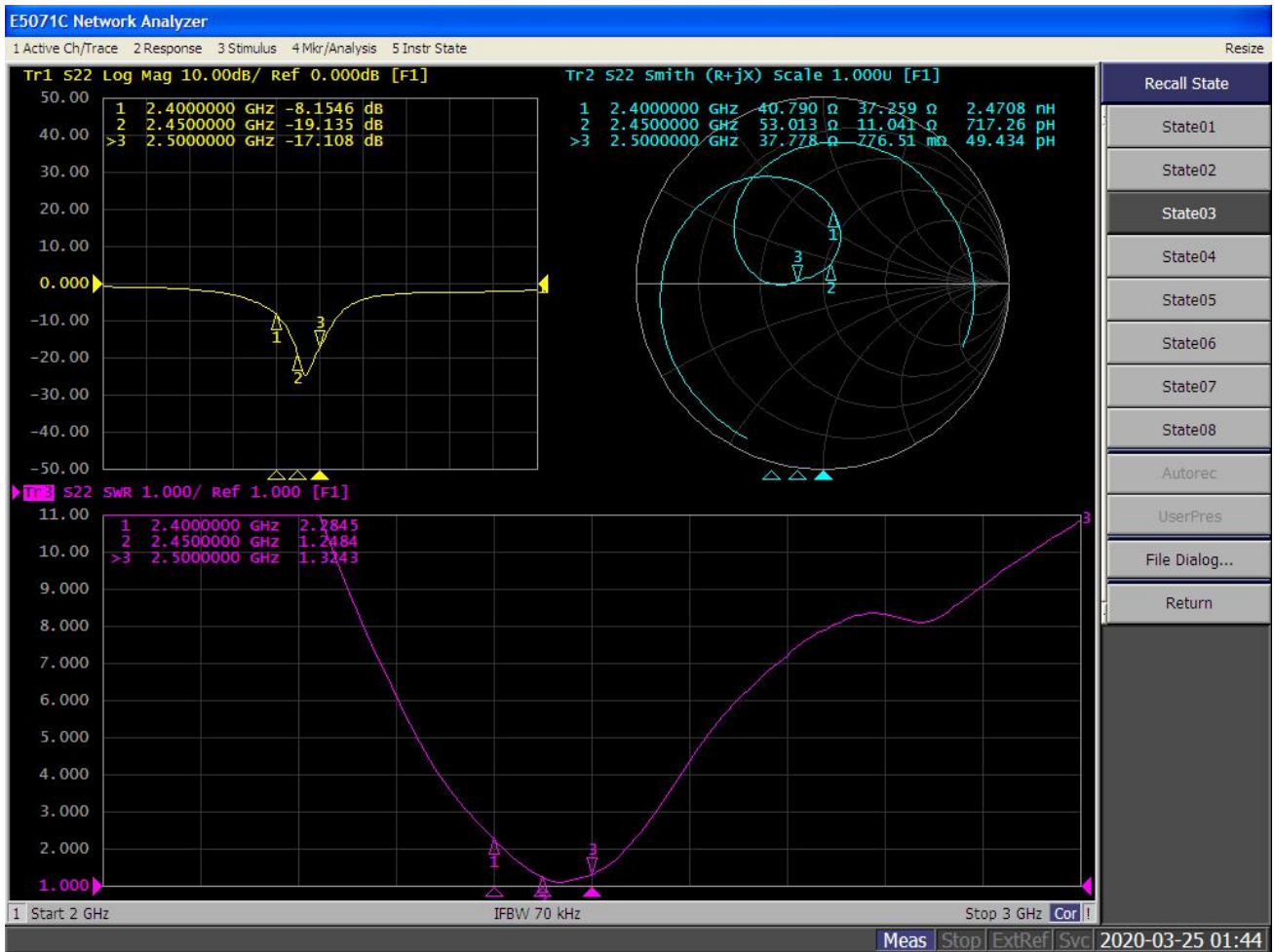
1. Dimensions



2. Performance parameter

Name	2.4G WLAN Antenna
Model Type	PCB Antenna
Manufacturer	Shenzhen Ai-Thinker Technology Co., Ltd
ELECTRICAL SPECIFICATIONS	
Frequency Range	2400-2500MHz
Band Width	100MHz
Impedance	50 Ω
VSWR	< 2.3
Max Gain	1.5dBi
Polarization	Vertical/Horizontal
Radiation	Omnidirectional
Power	50 W

3. VSWR

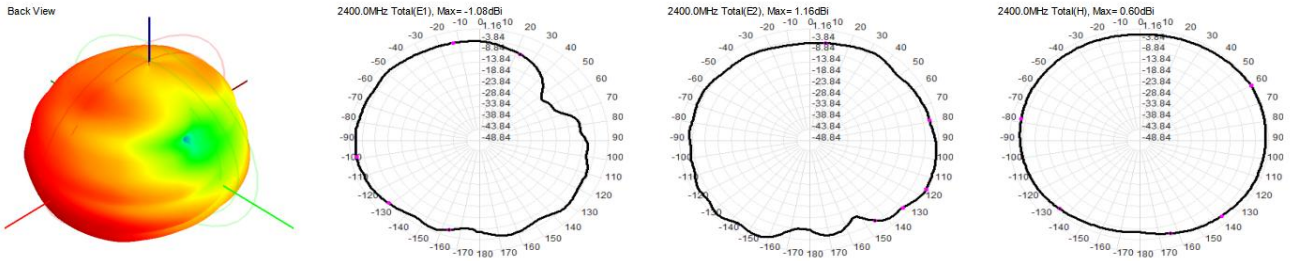


4. Passive test data:

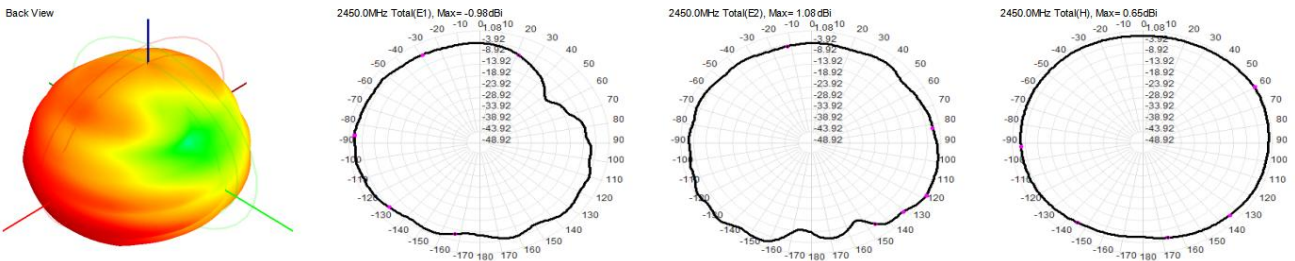
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	1.16	1.05	1.16	1.02	1.33	1.13	1.45	1.50	1.35	1.44	1.36
Efficiency (%)	60.12	59.08	60.37	59.71	64.49	60.20	59.73	57.05	53.22	53.09	51.30

5. Radiation pattern

(1) 2400MHz



(2) 2450MHz



(3) 2500MHz

