

SPECIFICATION FOR APPROVAL

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

CUS PART NO: AG-041333-1963

PART NAME: 2.4G WLAN Antenna

Edition: 1.0

Editor	Huang Feihui	2020/03/30
Verifier	Zhou Quan	2020/03/30
Approver	Guan Ning	2020/03/30



SHENZHEN B&T TECHNOLOGY Co., Ltd

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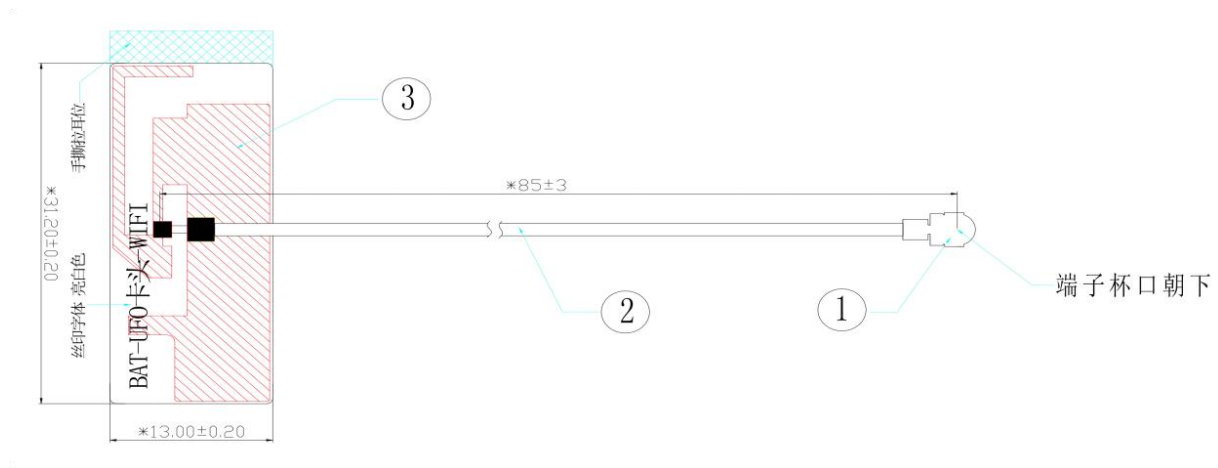
Address: 3-4/F, Building A, Dongfang Industrial Park, Nanlang Town,
Zhongshan City, Guangdong Province, China

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Product specification

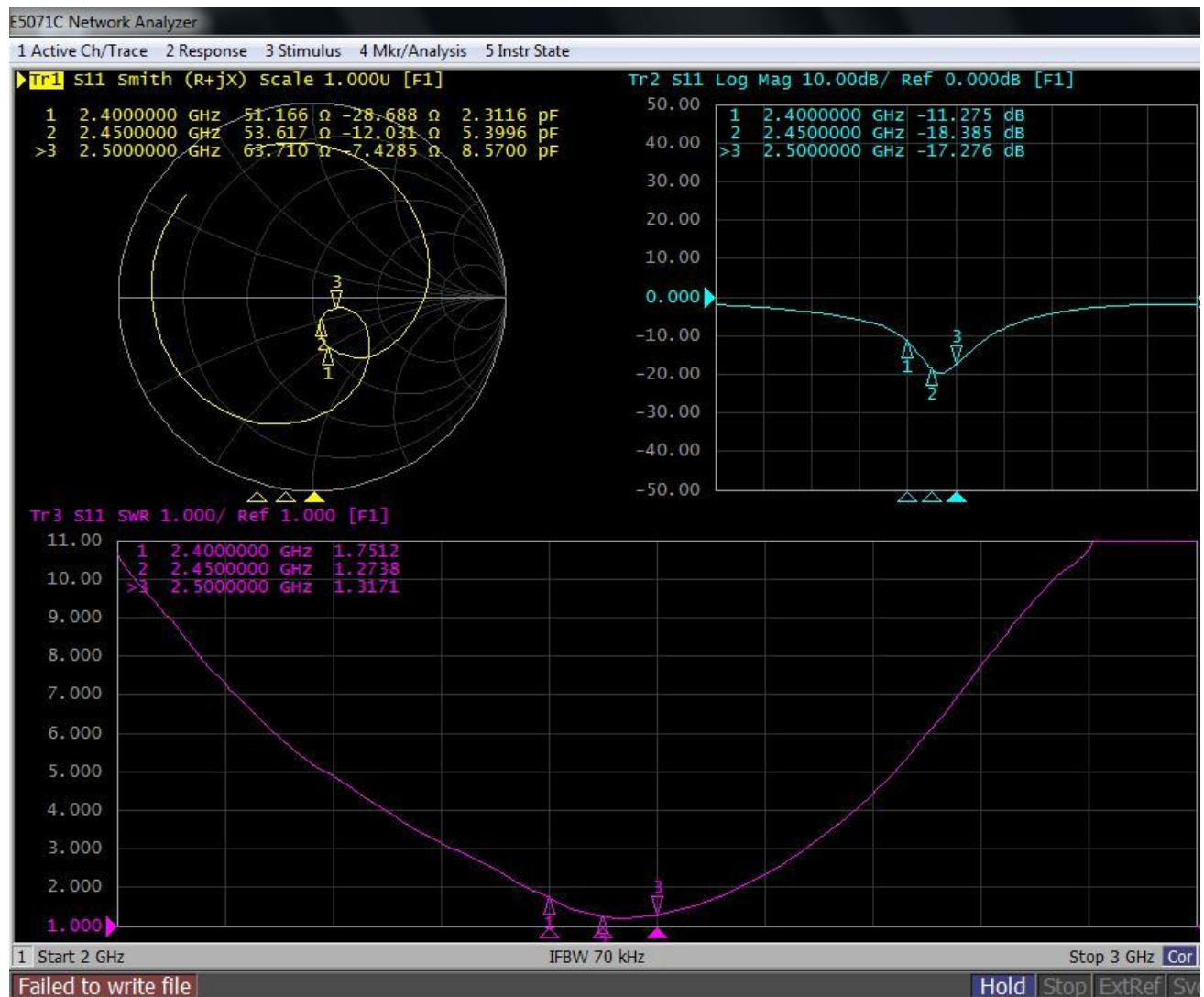
1. Antenna Dimension



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	3.44dBi
Polarization	Vertical/Horizontal
Radiation	Omnidirectional
Power	50 W

3. VSWR

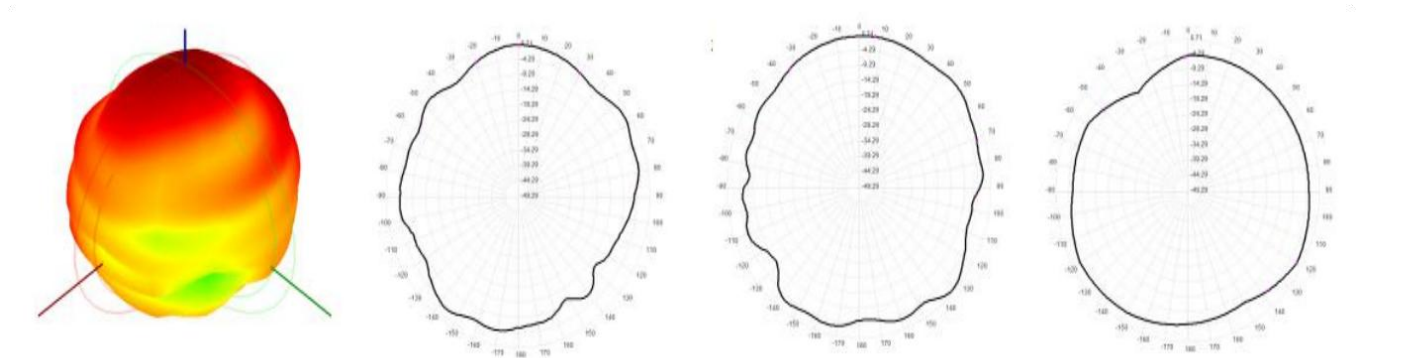


4. Passive test data:

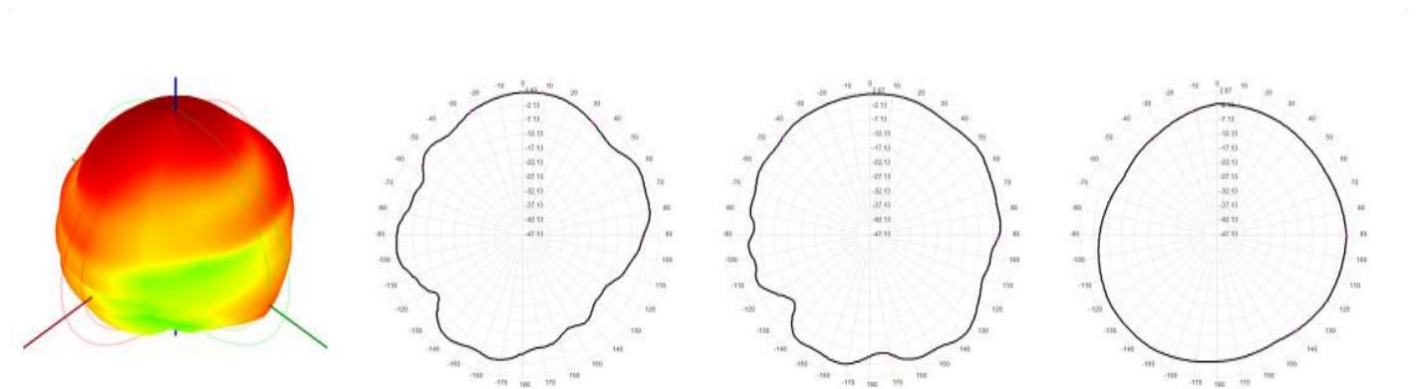
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	2.10	2.15	2.27	2.33	2.44	3.10	3.44	3.19	2.68	2.83	2.46
Efficiency (%)	51.06	52.95	51.76	57.61	61.12	59.50	61.45	56.52	54.60	52.93	50.81

5. Radiation pattern

(1) 2400MHz



(2) 2450MHz



(3) 2500MHz

