

SPECIFICATION FOR APPROVAL

CUST OMER: Shenzhen Ai-Thinker Technology Co., LtdCUS PART NO: ESP-C3-12FPART NAME: 2.4G WLAN AntennaEdition: 1.0

Editor	Deng Chaomei	2021/04/11
Verifier	Guan Ning	2021/04/11
Approver	Xu Fuqiang	2021/04/11

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

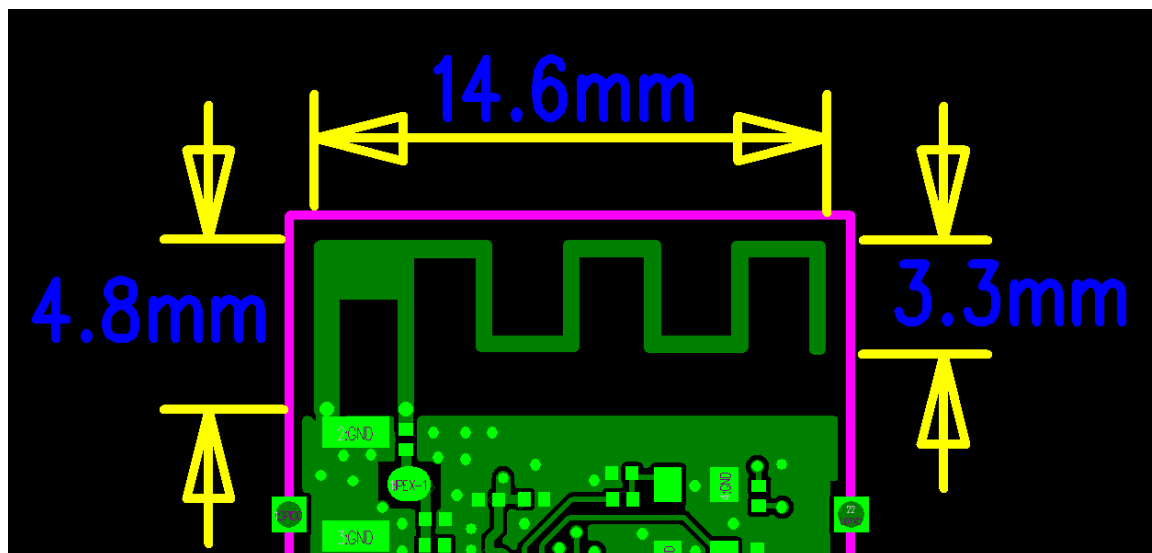
Address: 3-4/F, Building A, Dongfang Industrial Park, Nanlang Town,
Zhongshan City, Guangdong Province, China

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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	< 2.1
Max Gain	2.15dBi
Polarization	Vertical/Horizontal
Radiation	Omnidirectional
Power	50 W

3. VSWR

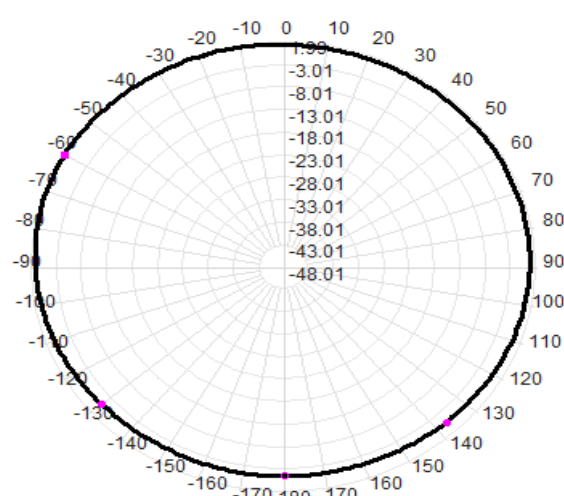
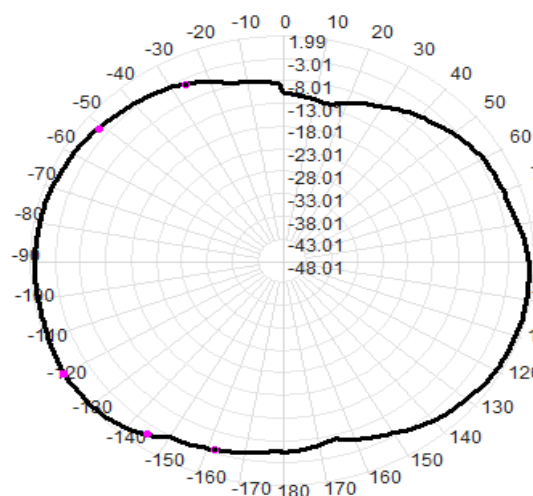
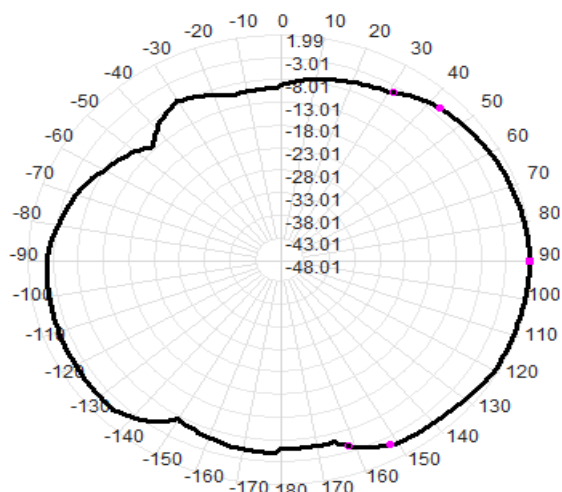
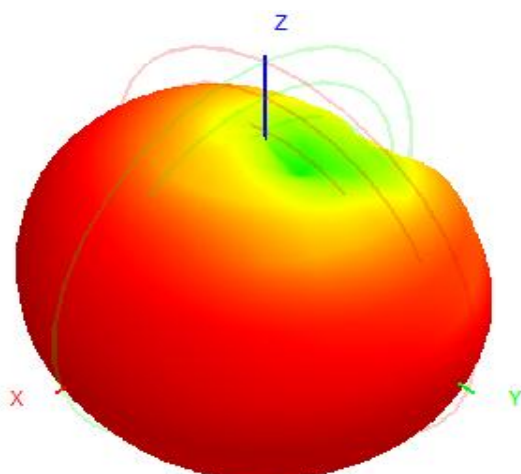


4. Passive test data

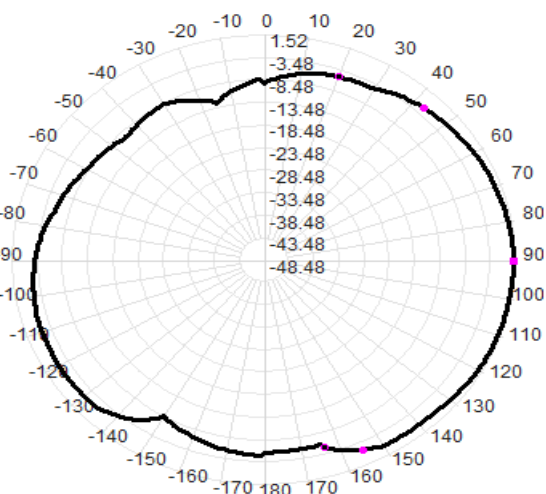
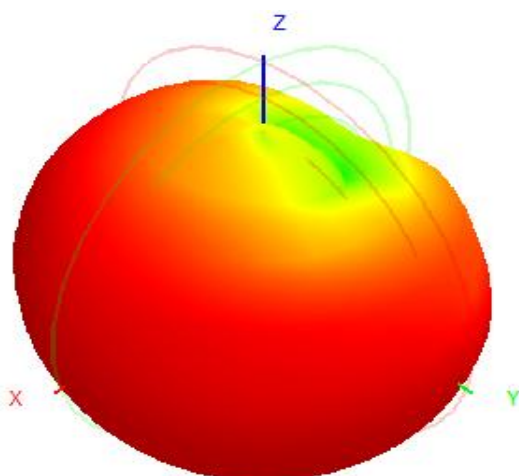
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	1.99	1.84	2.15	1.68	1.70	1.52	1.38	1.45	1.78	1.47	1.62
Efficiency (%)	77.76	76.14	81.08	73.60	74.80	71.89	68.92	69.55	72.83	66.53	69.30

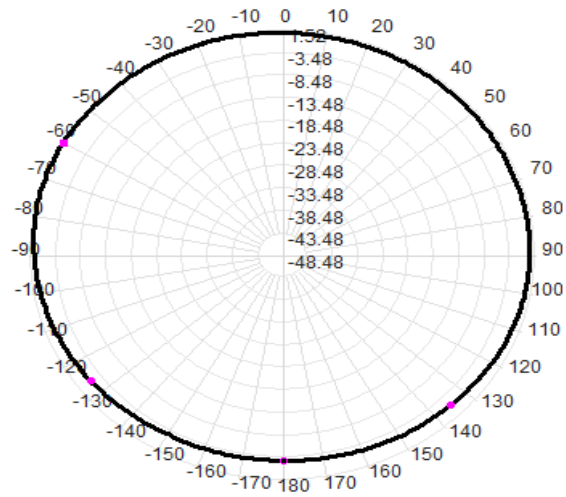
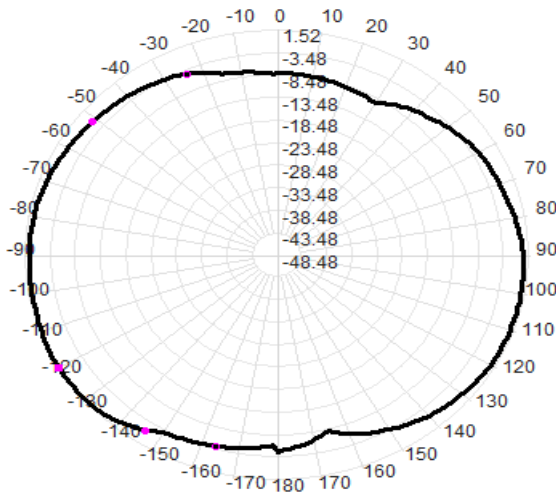
5. Radiation pattern

(1) 2400MHz



(2) 2450MHz





(3) 2500MHz

