

SPECIFICATION FOR APPROVAL

CUST OMER: Shenzhen Ai-Thinker Technology Co., LtdCUS PART NO: Ai-WB2-01SPART NAME: 2.4G WLAN AntennaEdition: 1.0

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

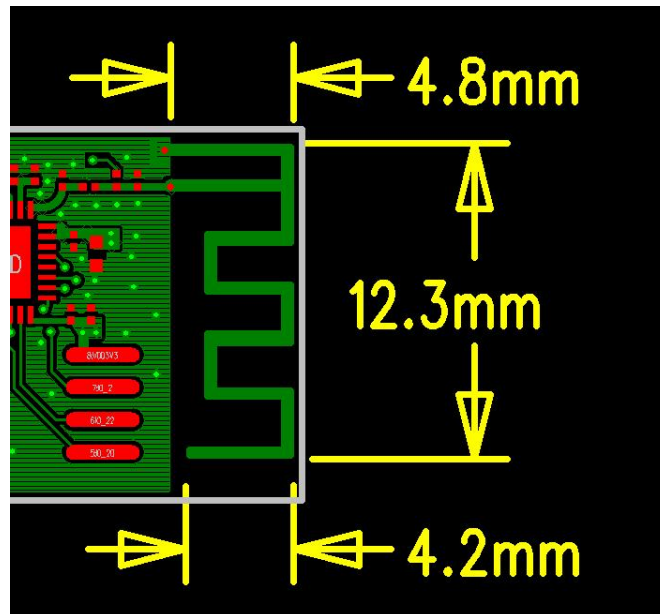
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Product specification

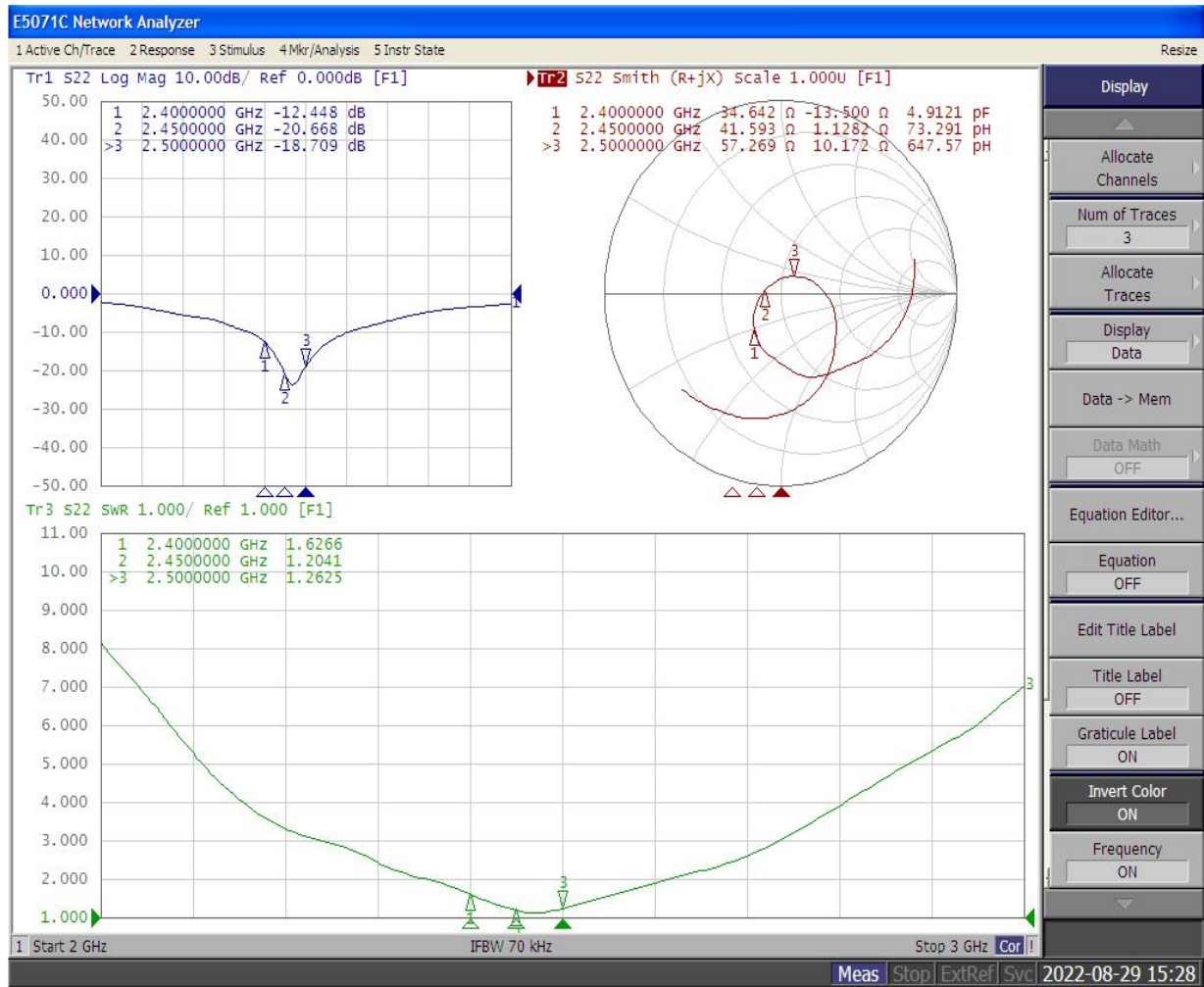
1. Antenna Dimension



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	1.71dBi
Polarization	Vertical/Horizontal
Radiation	Omnidirectional
Power	50 W

3. VSWR

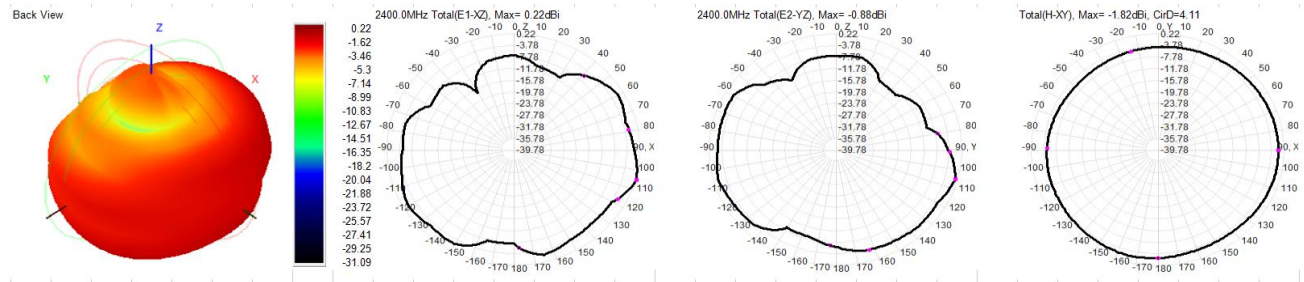


4. Passive test data:

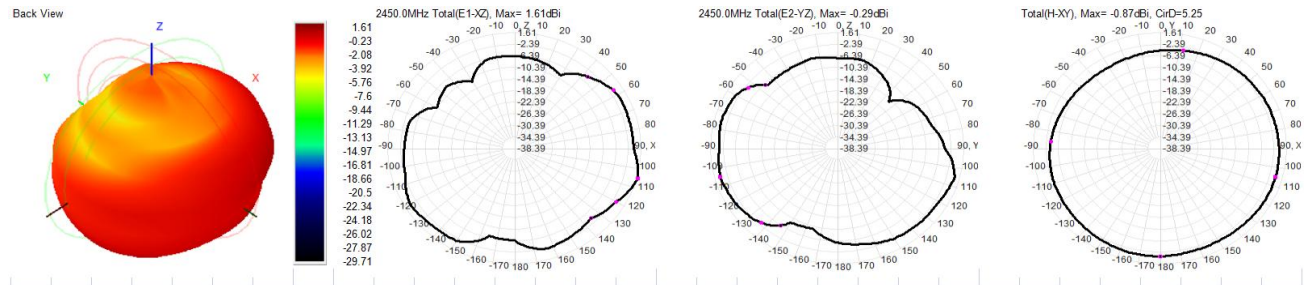
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	0.22	0.46	0.84	1.21	1.39	1.61	1.71	1.70	1.67	1.70	1.84
Efficiency (%)	41.43	42.58	44.95	47.63	49.55	53.10	54.63	55.26	55.00	54.57	54.22

5. Radiation pattern

(1) 2400MHz



(2) 2450MHz



(3) 2500MHz

