

SPECIFICATIONS FOR APPROVAL

Customer Name:_____RENPHO_____

Product Name:_____BT 天线_____

Product Model:_____R-WME06_____

Part Number:_____

Write By : _____Eason Zeng_____

Issued Date: _____2026-07-23_____

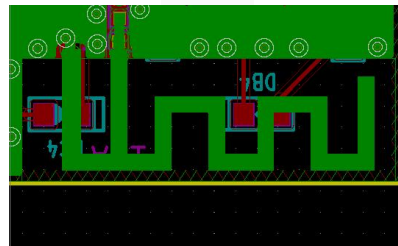
CUSTOMER

ENGINEER R&D DEPT	BUSSINESS DEPT	APPROVED BY

SOUTHSTAR

R & D D E P T	ENGINEER R&D DEPT	APPROVAL

The basic parameters:

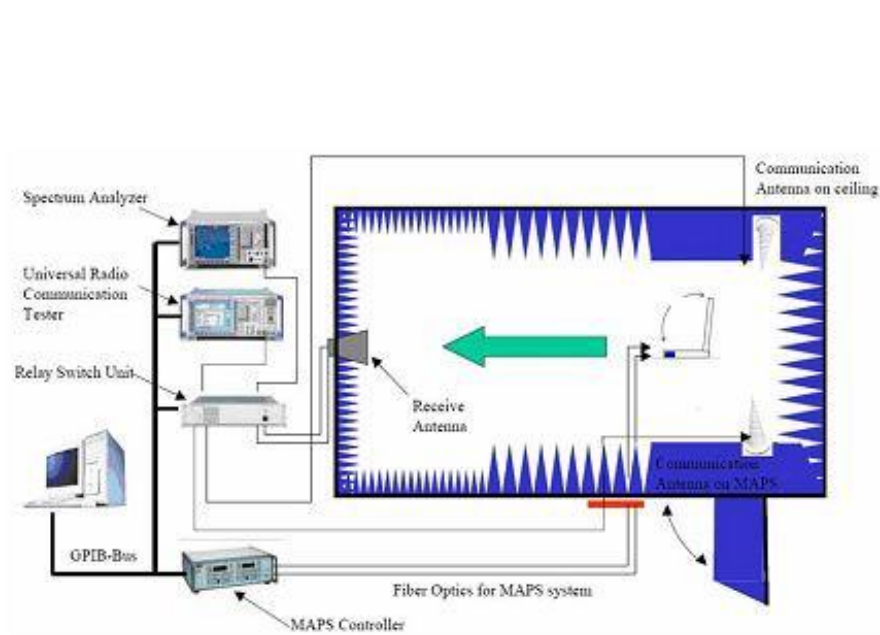
A. Electrical Characteristics	
Frequency	2402 MHz ~2480 MHz
VSWR	< 2.0
Efficiency	>40%
Impedance	50 Ohm
Polarization	Linear
Gain	2.85dbi
B. Material & Mechanical Characteristics	
Material of Radiator	PCB
Cable Type	black
Connector Type	
Dimension	
C. Environmental	
Operation Temperature	-10 °C ~ + 50 °C
Storage Temperature	- 30 °C ~ + 85 °C

Test Equipment & Conditions

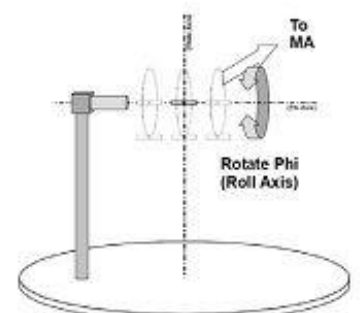
1. Network Analyzers :

Agilent 8753D / E5071B

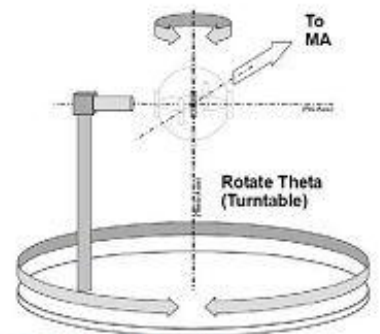
2. 3D Chamber Test System



(Testing by 3D anechoic chamber)

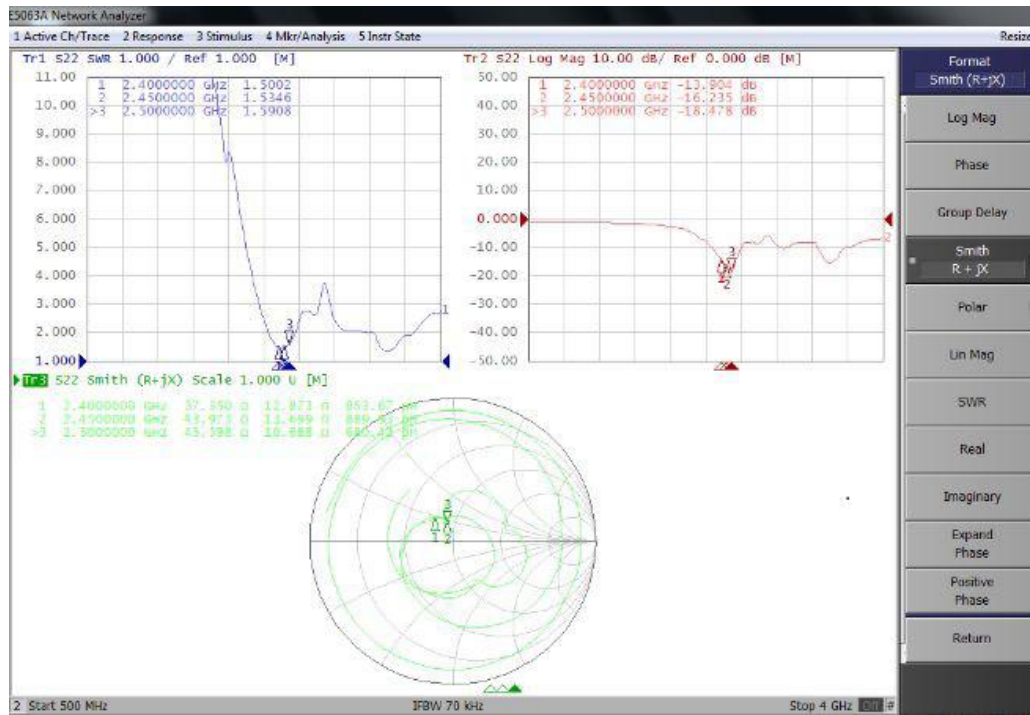


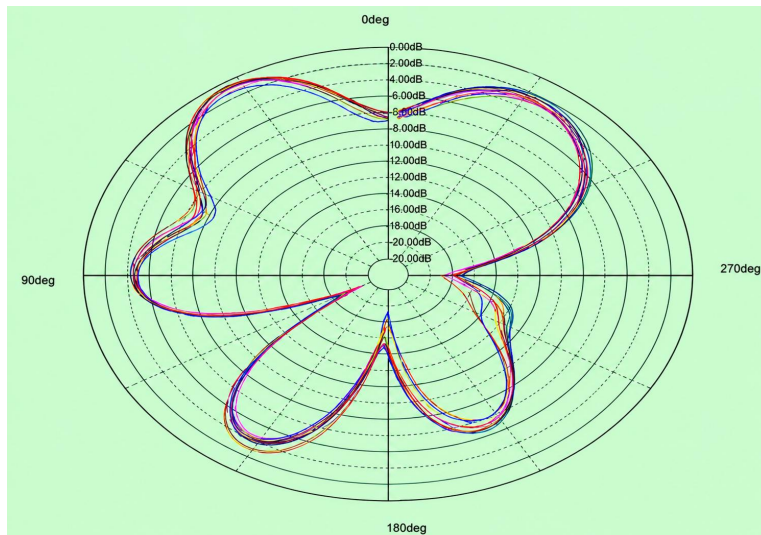
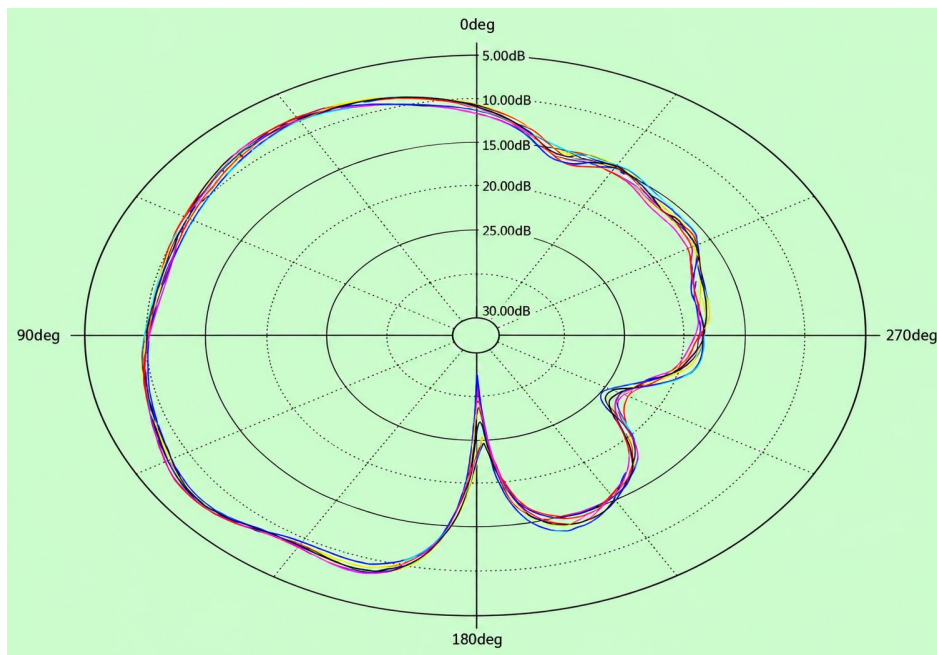
Phi axis test



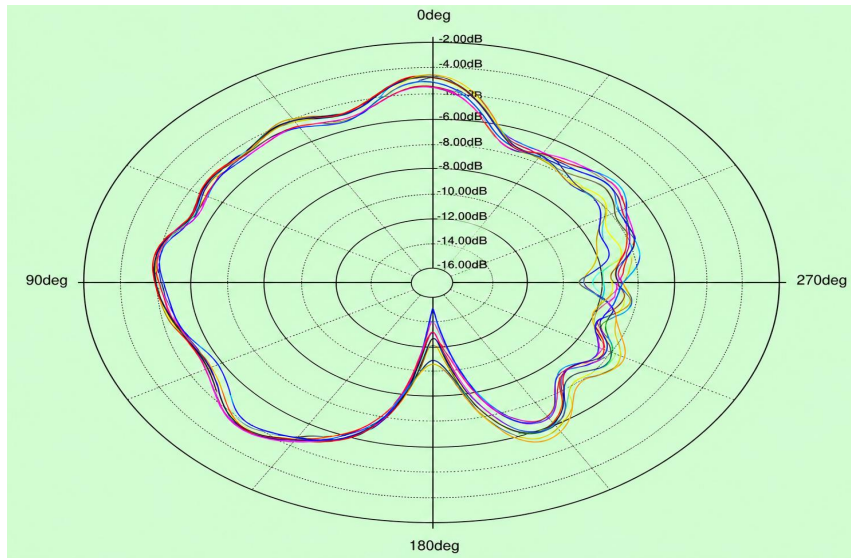
Theta axis test

3. Antenna Impedance: S11 (parameter)

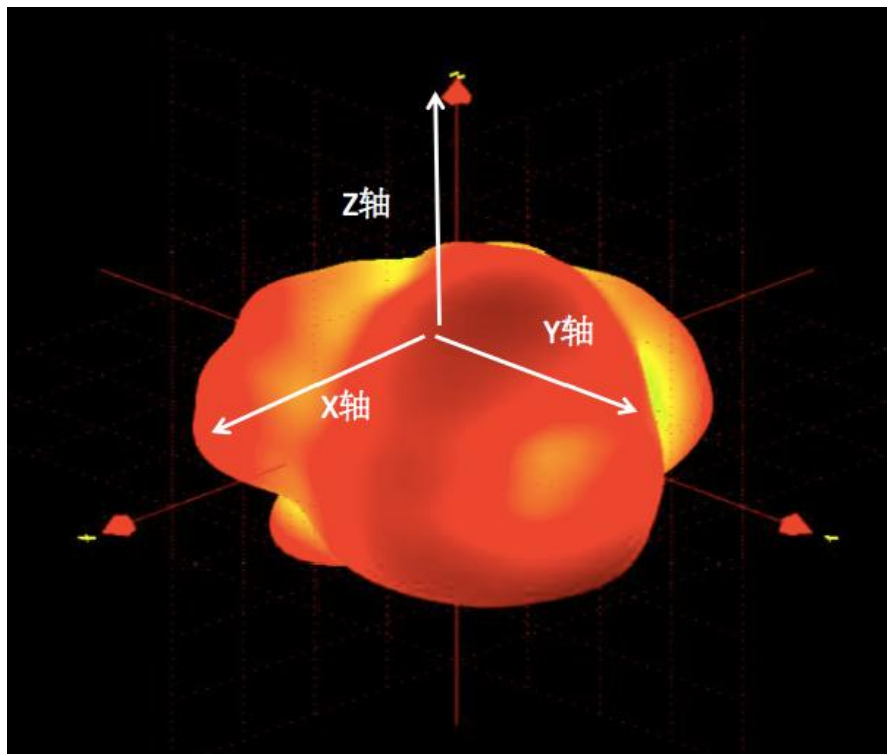


6.01 directional diagram (xy plane, $Z=0$)**6.02 directional diagram (xy plane, $Y=0$)**

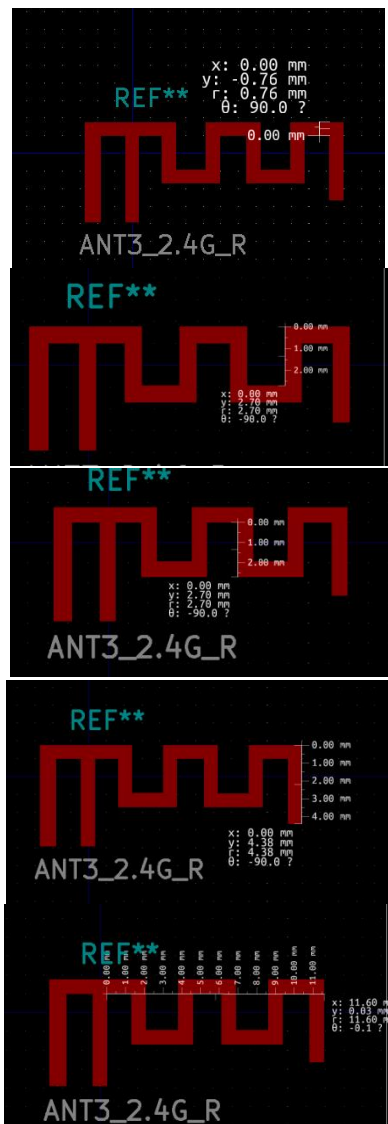
6.03 directional diagram(YZ plane, X=0)



6.03 Apple Chart



7. Installation method



制造商: Shenzhen Ruiyi Business Technology Co., Ltd.

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West Free Trade Street, China Special Economic Zone, Qianhai Bay, Shenzhen,
Guangdong Province, 518000 China

Freq (MHZ)	Effi (%)	Gain (dBi)
2400	73.51	2.35
2410	72.41	2.53
2420	70.3	2.25
2430	70.51	2.74
2440	70.96	2.85
2450	71.3	2.45
2460	71.53	2.56
2470	66.23	2.64
2480	65.44	2.35
2490	61.49	2.36
2500	60.35	1.83
