
Antenna Specification

Applicant : Shenzhen Bolong Technology Co., Ltd.

Address : Youth Pioneer Park,Jianshe East Road, Longhua Street,Longhua District,
shenzhen, China

Antenna Type : PCB Antenna

Model: BL-E03

试用水印

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2.Test Configurations

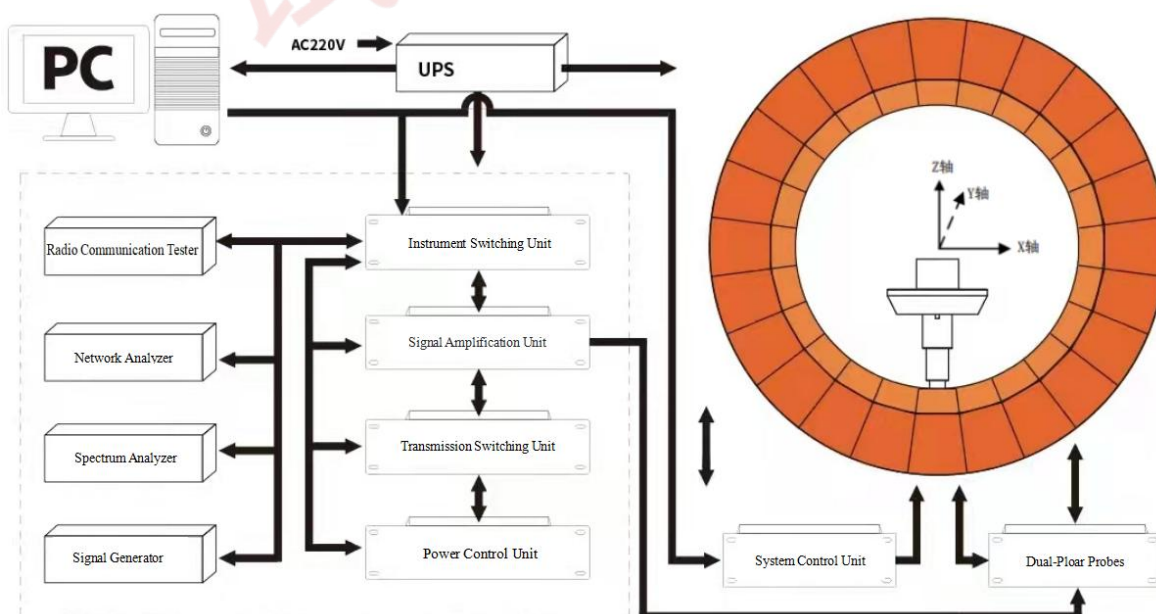
2.1 Test Environment

Temperature (°C)	25
Humidity (%RH)	60
Atmospheric Pressure (kPa)	100.5

2.2 Test Equipment

Test System	TEM 24 Multi-probe Microwave Chamber
Test Instrument	Agilent E5071B

2.3 Test Principle



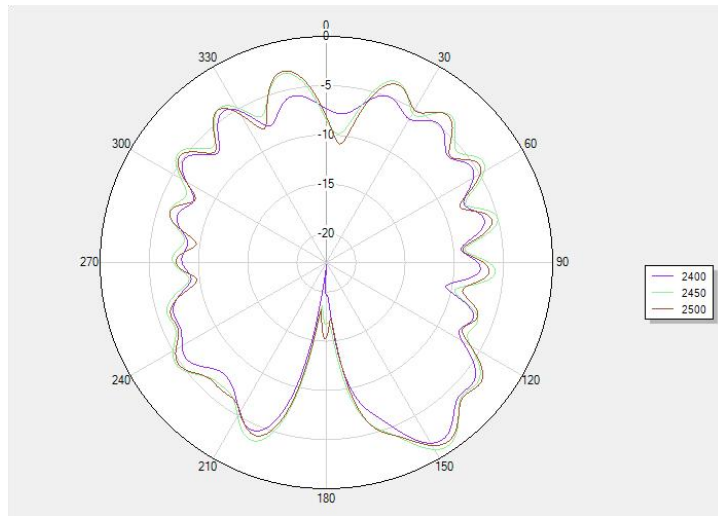
3.Test Results

3.1 Gain and Efficiency

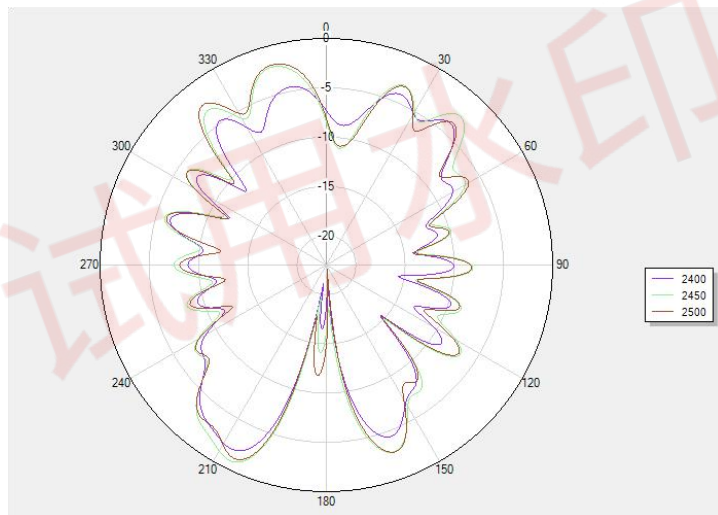
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	-1.21	22.39
2410	-1.01	23.07
2420	-0.55	23.71
2430	-0.39	24.43
2440	-0.28	25.12
2450	-0.26	25.64
2460	-0.32	25.41
2470	-0.23	25.59
2480	-0.53	25.06
2490	-0.48	24.95
2500	-0.96	23.50

3.2 Radiation Pattern

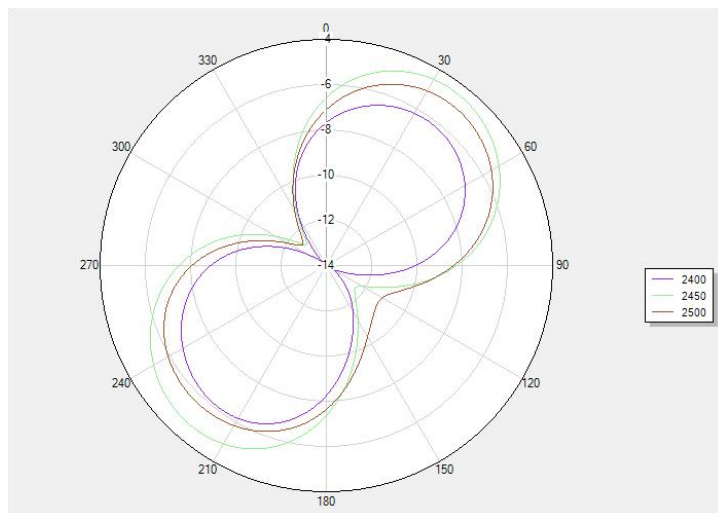
Phi 0 2D



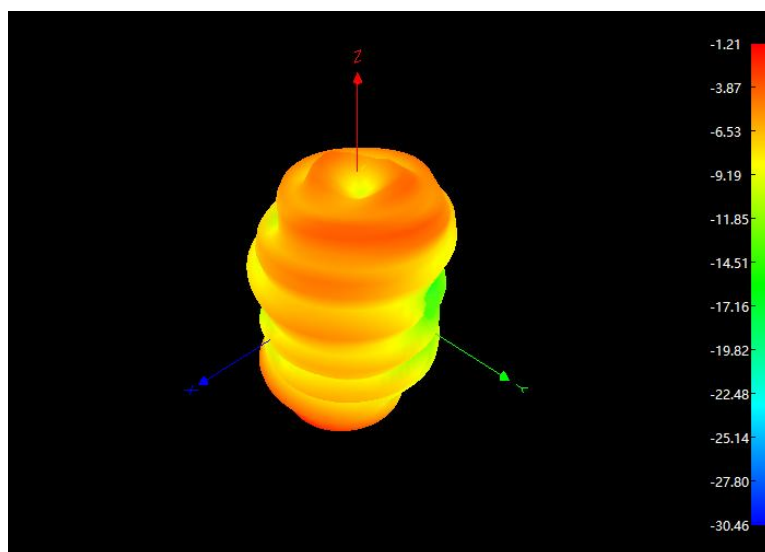
Phi 90 2D



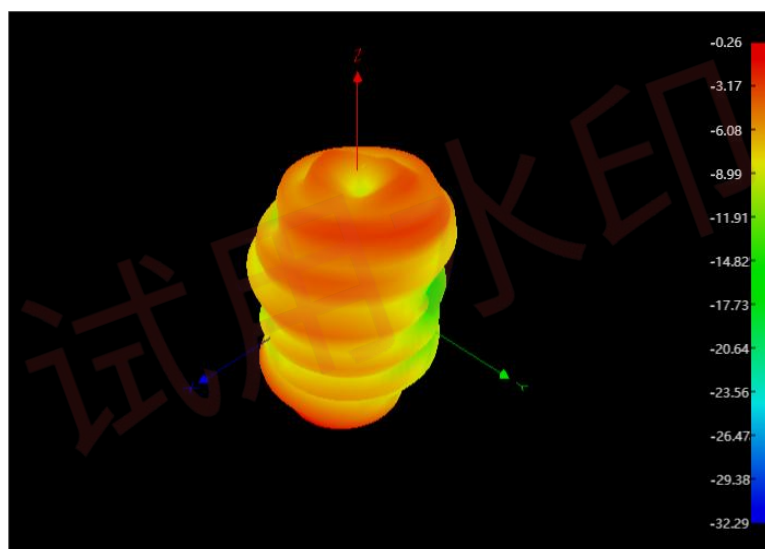
Theta 90 2D



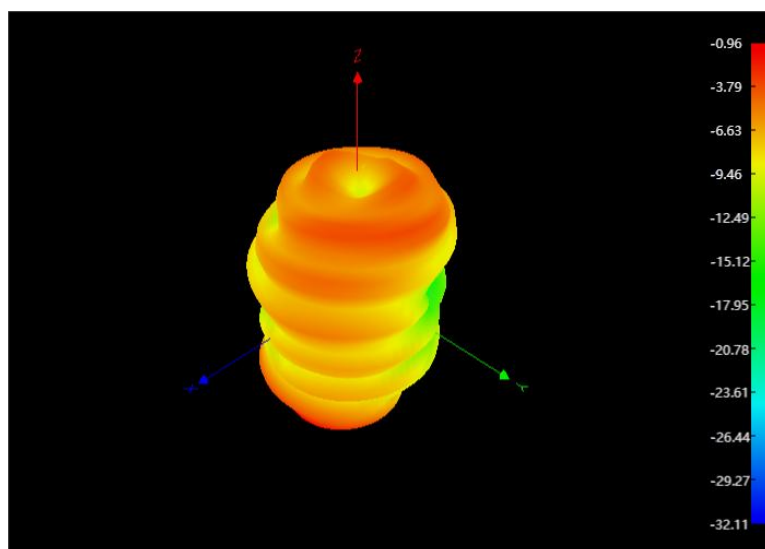
2400MHz 3D



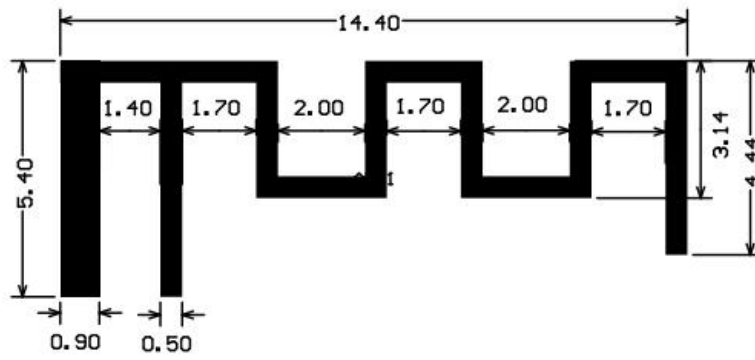
2450MHz 3D



2500MHz 3D



4. Antenna Dimensions



Unit: mm

试用水印

6.Test Setup Photo

