

ANTENNA Specification

Manufacture: Zhejiang Lingzhu Technology Co., Ltd

Product Name: YJC-6N000-B370-B

Antenna Type: Metal PCB

1.General Description

Manufacturer	Zhejiang Lingzhu Technology Co., Ltd
Address	Room 302, No 1 Building Huace Center, Xihu District, Hangzhou, China
Test Location	Room 509, Building 1, Binrun Science and Technology Park, No. 5 Zhiren Street, Puyan Street, Binjiang District, Hangzhou
Product Name	YJC-6N000-B370-B
Product model	THP01-B-V6
Antenna Type	Antenna
Test Items	Gain; Efficiency; Radiation Pattern
Test Frequency	2400-5850MHz
Test Standard	ANSI/IEEE Std 149-1979

2.Test Configurations

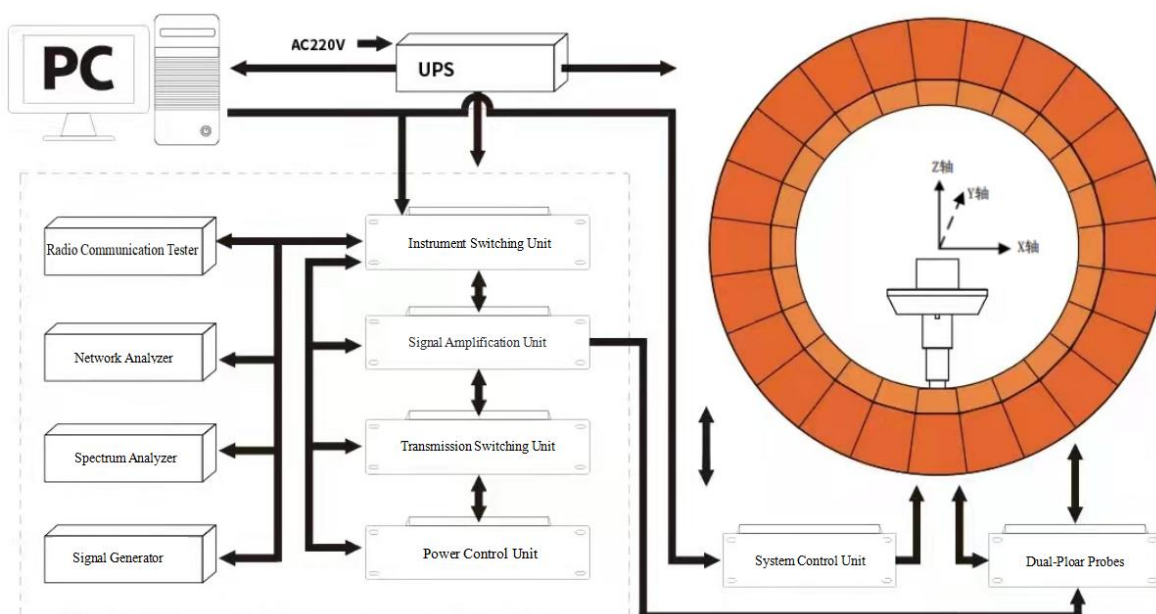
2.1 Test Environment

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

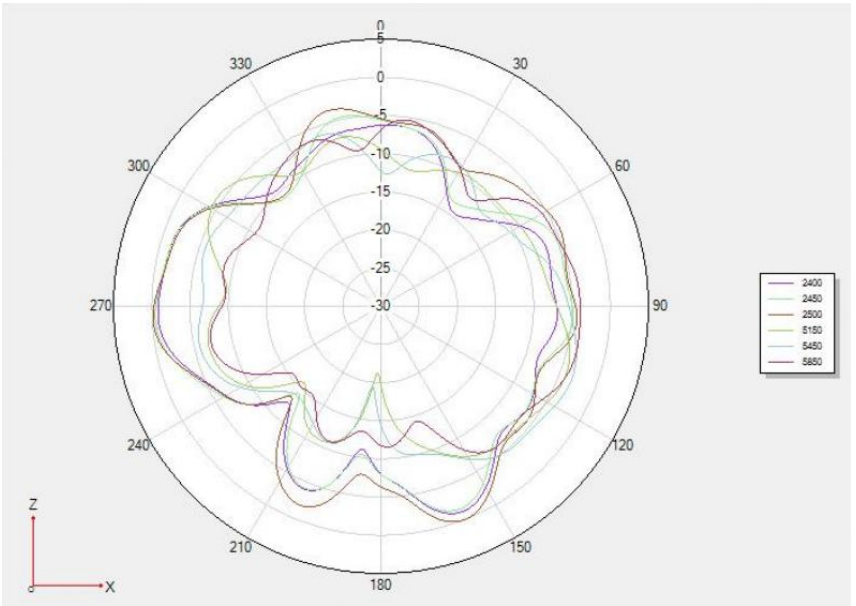
3.1 Gain and Efficiency

Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	1.90	42.08
2410	1.38	43.50
2420	1.55	45.85
2430	1.56	46.16
2440	1.92	48.53
2450	1.39	45.65
2460	1.85	45.85
2470	1.93	42.99
2480	1.98	45.55
2490	1.89	47.50
5150	-1.20	40.16
5250	-0.08	41.64
5350	0.78	41.56
5450	1.40	43.28
5550	1.53	41.22

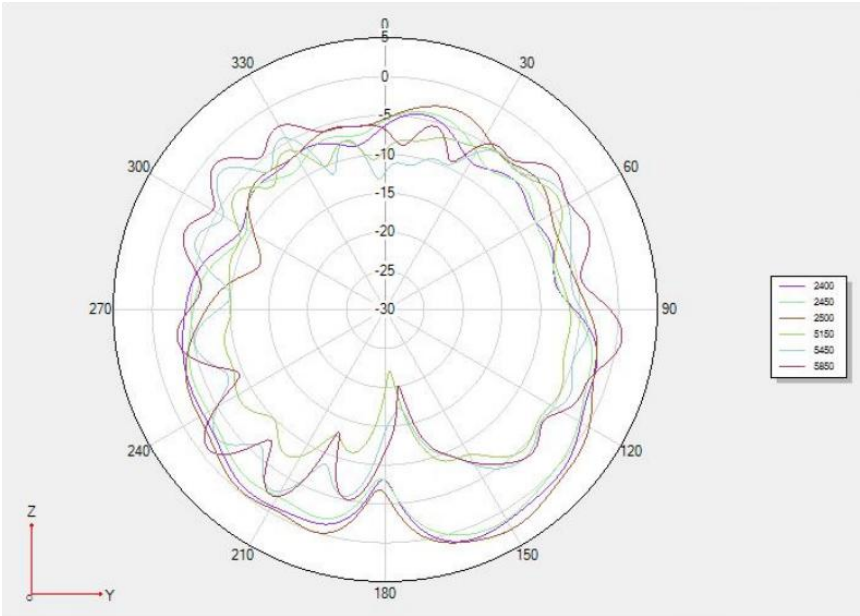
5650	1.57	42.84
5750	1.74	44.46
5850	2.14	43.55

3.2 Radiation Pattern

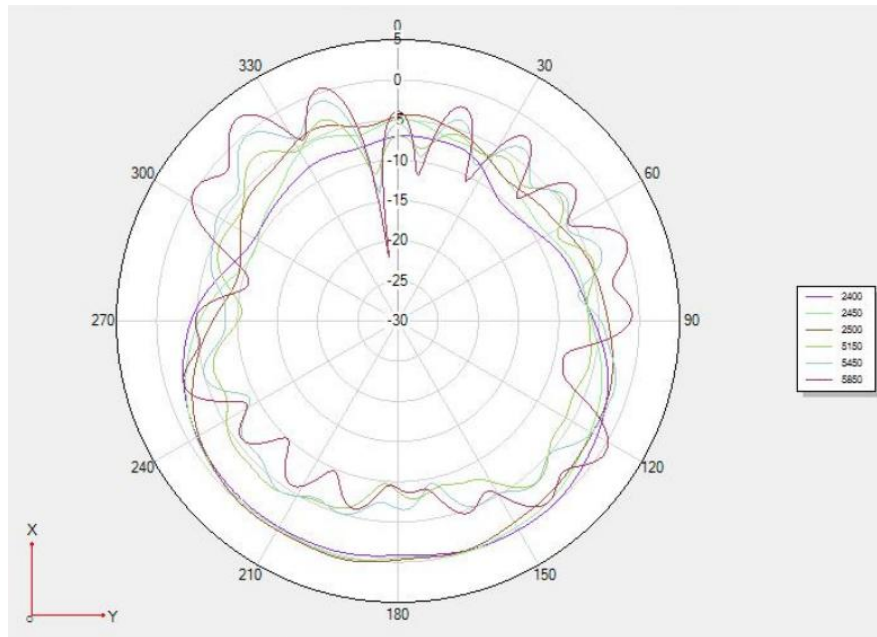
Phi 0 2D



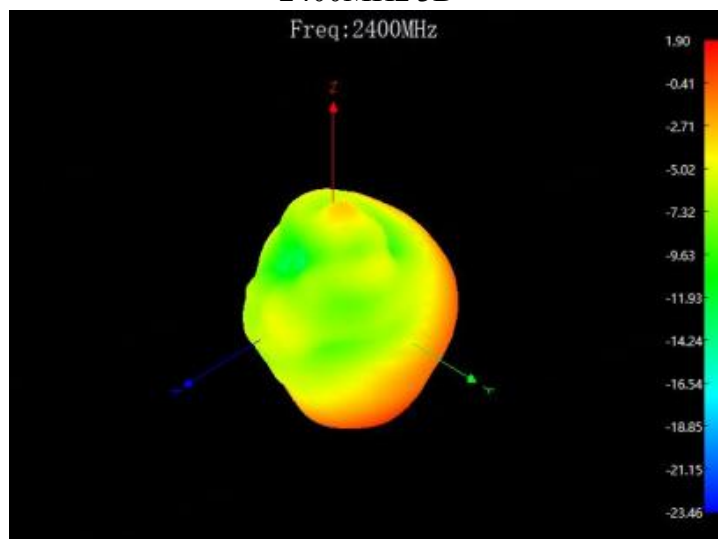
Phi 90 2D



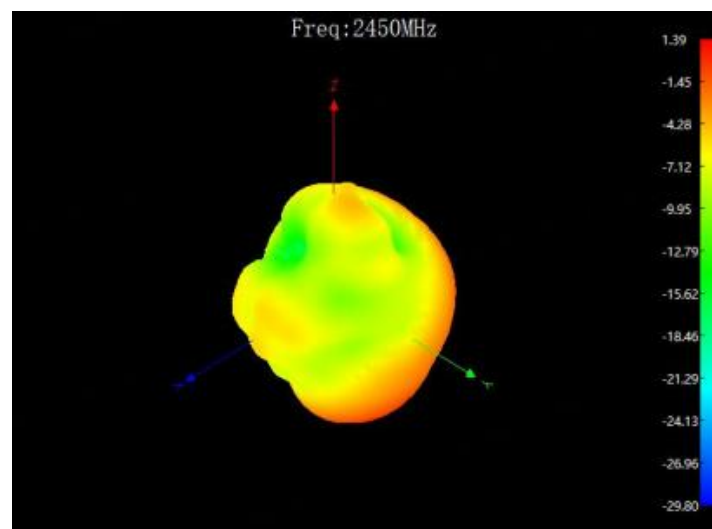
Theta 90 2D



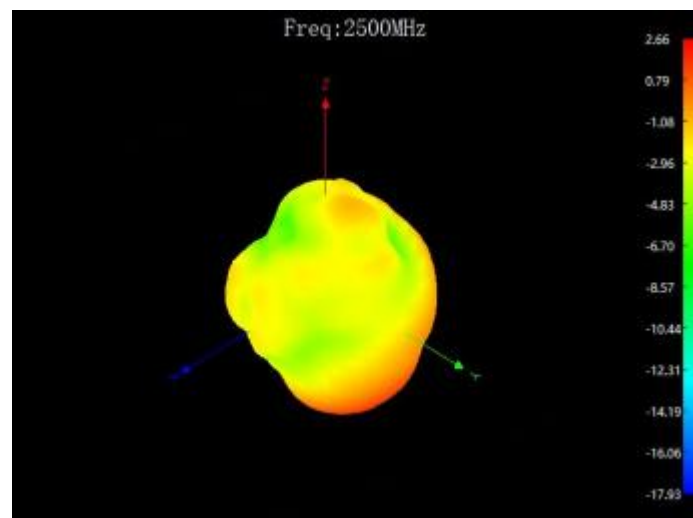
2400MHz 3D



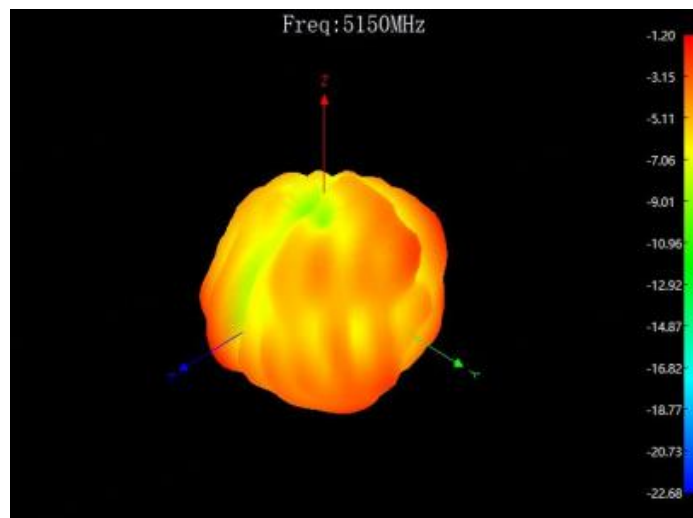
2450MHz 3D



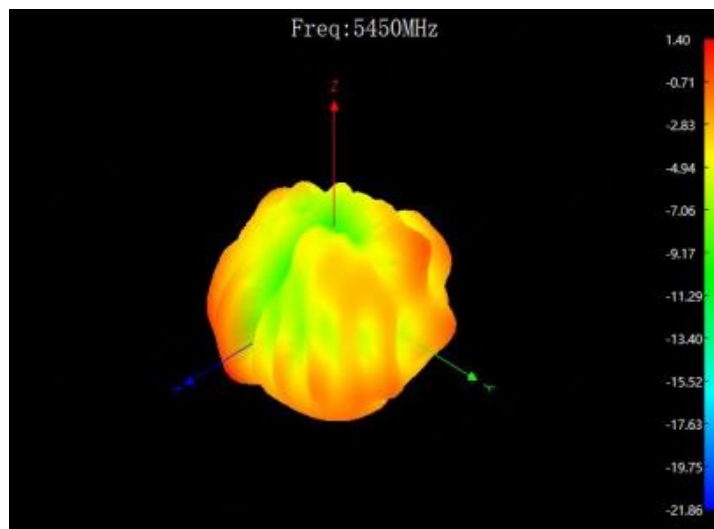
2500MHz 3D



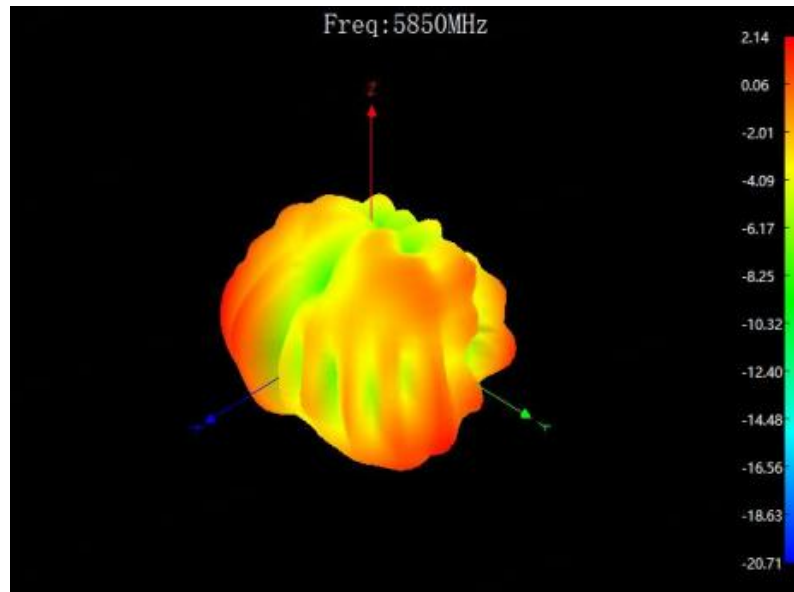
5150MHz 3D



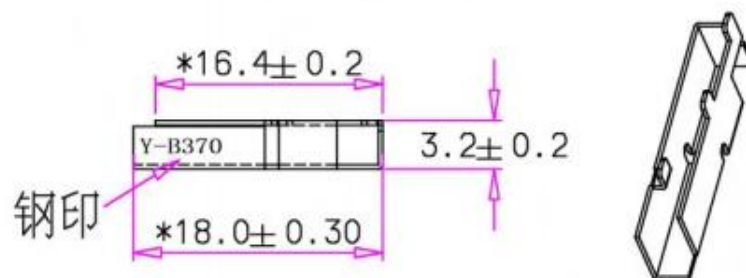
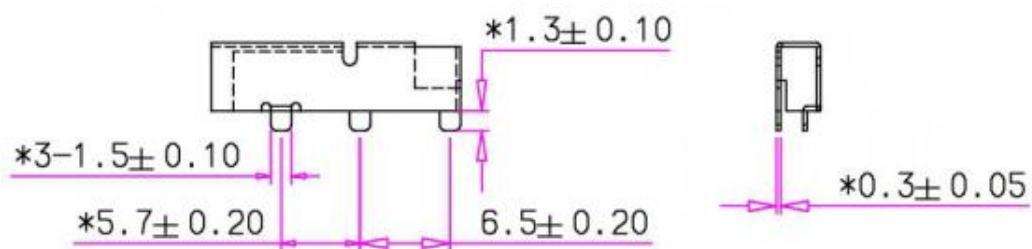
5450MHz 3D



5850MHz 3D



4. Antenna Dimensions



单位: mm

5. Test Setup Photo

