
Antenna Specification

Manufacture: Huizhou Huaxinwei Technology Co.,Ltd.

Product Name: YCLTX0249

Antenna Type: FPC Antenna

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1.General Description

Manufacturer	Huizhou Huaxinwei Technology Co.,Ltd.
Address	Building 3, 6th Floor, Factory Building, No. 280 Wanxiang Avenue, Jinglong Village, Zhenlong Town, Huiyang District, Huizhou City, Guangdong Province, China
Test Location	Room 106, Building 3, Letong Science Park, No. 500, Qiuyi Road, Binjiang District, Hangzhou
Product Name	YCLTX0249 Antenna
Product model	YCLTX0249
Antenna Type	FPC Antenna
Test Items	Gain; Efficiency; Radiation Pattern
Test Frequency	2400-2500MHz
Test Standard	ANSI/IEEE Std 149-1979

2.Test Configurations

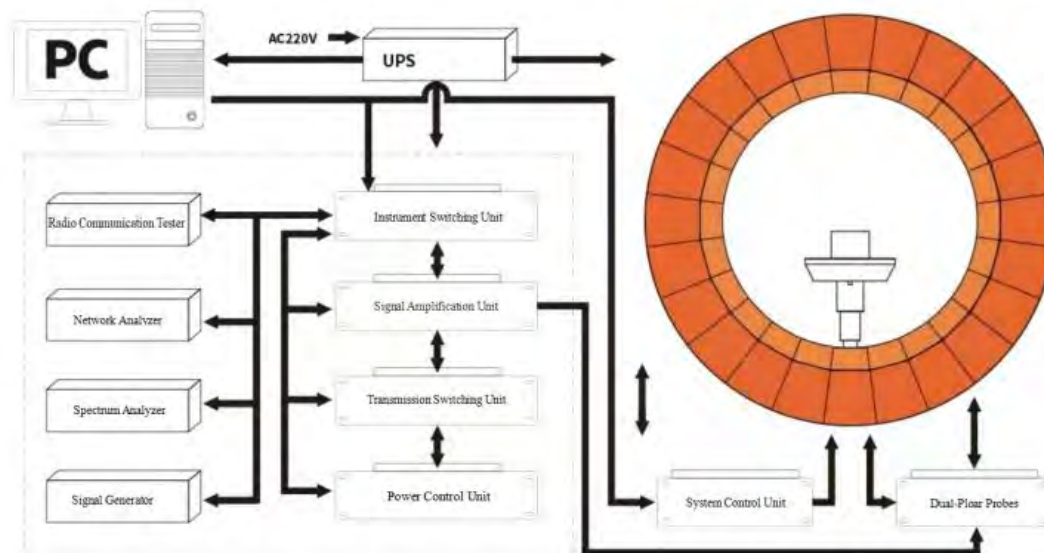
2.1 Test Environment

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



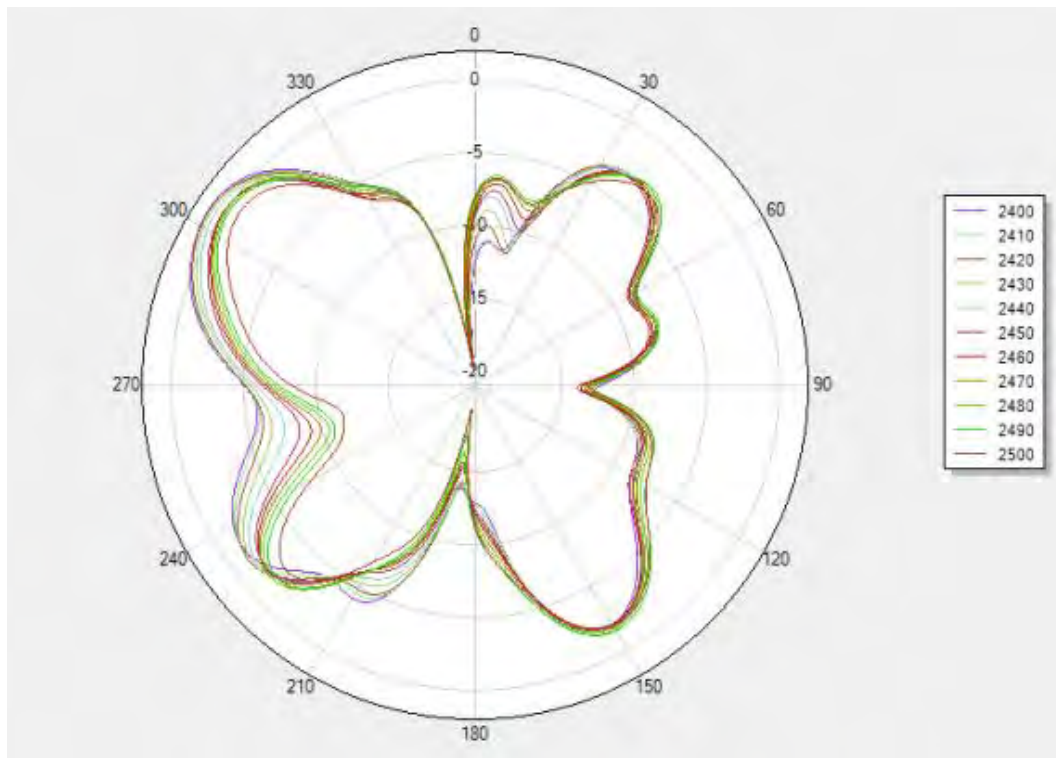
3.Test Results

3.1 Gain and Efficiency

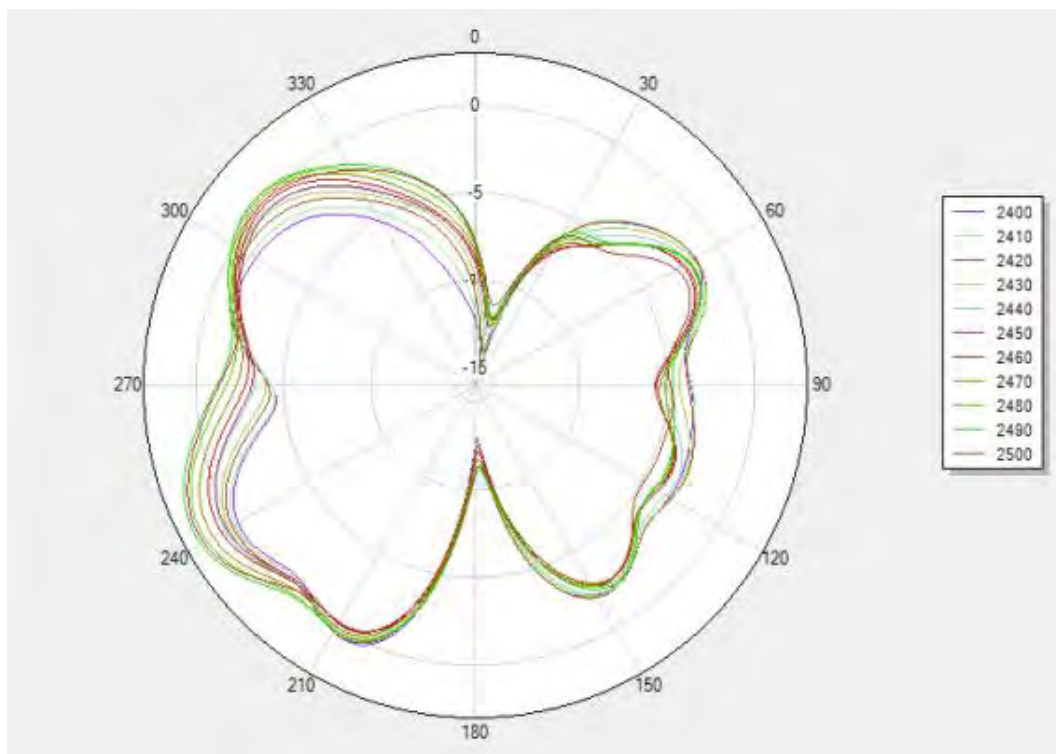
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	1.62	52.29
2410	1.71	52.17
2420	1.93	53.14
2430	1.98	54.16
2440	2.00	57.62
2450	2.17	59.64
2460	2.45	61.55
2470	2.38	60.64
2480	2.54	62.86
2490	2.30	59.85
2500	2.49	60.41

3.2 Radiation Pattern

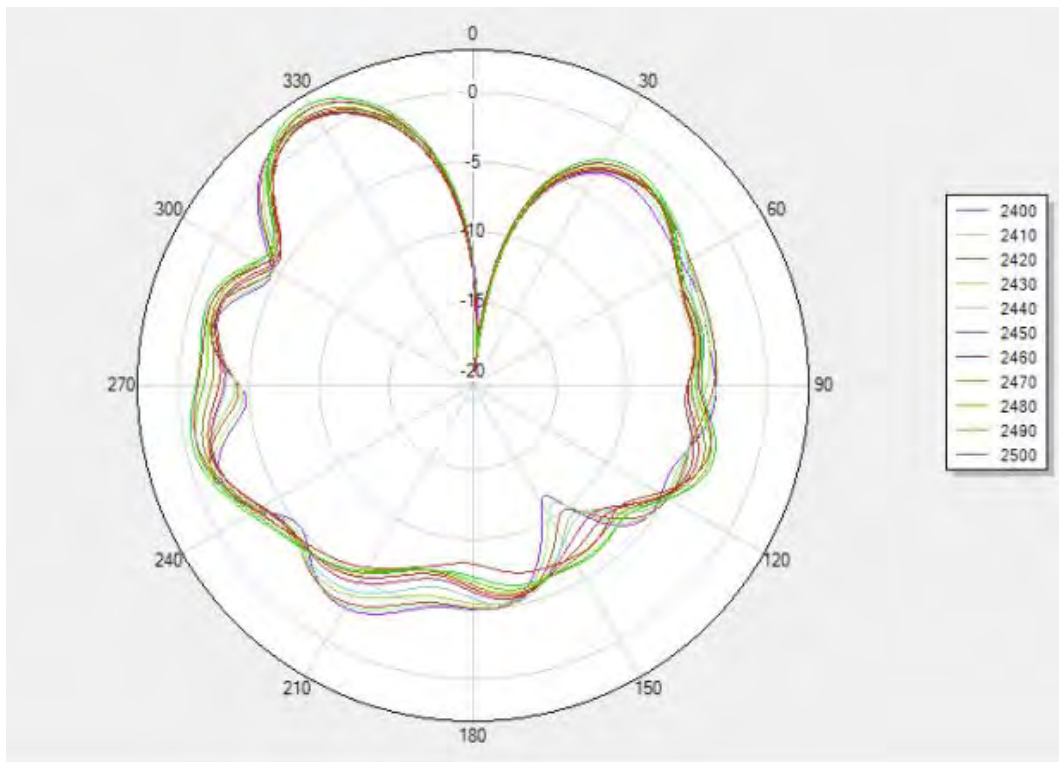
Phi 0 2D



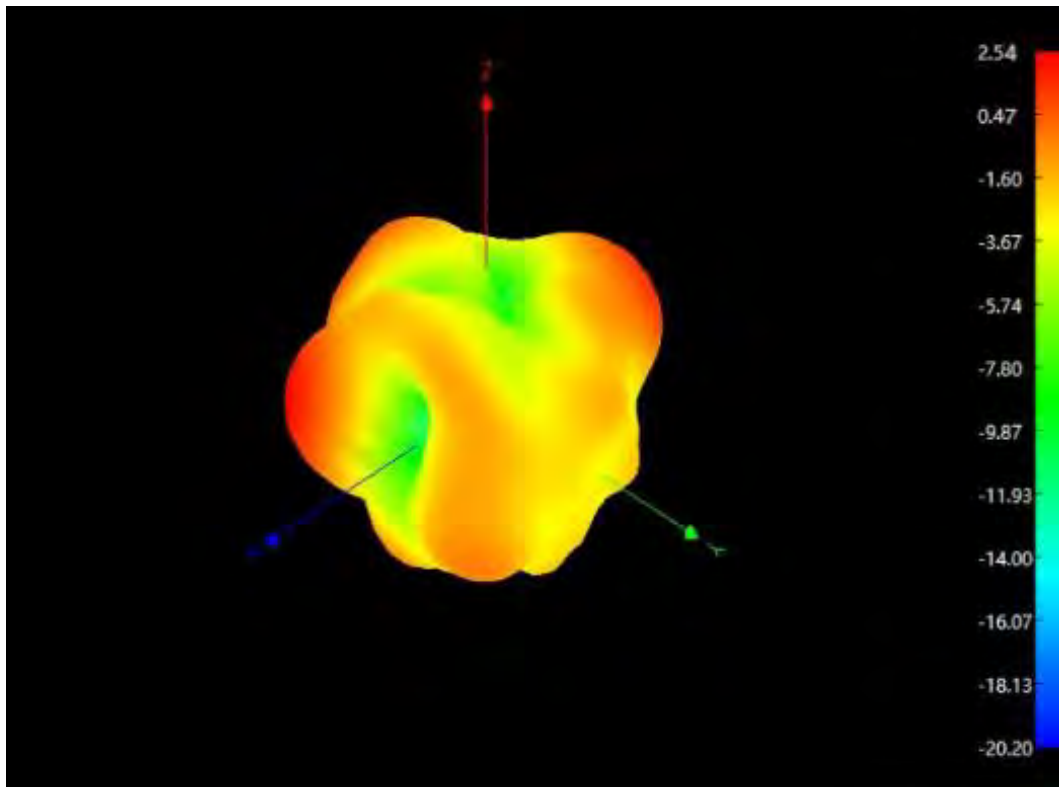
Phi 90 2D



Theta 90 2D



2480MHz 3D



4.EUT Photo

