

1.General Description

Manufacturer	Shenzhen Eve-Zhizao Technology Co., Ltd.
Address	3rd Floor, Bld 8, No. 13, Rd 6, Shapu Yangchong Industrial Zone, Songgang, Bao'an District, Shenzhen, China.
Product Name	Antenna
Product model	ANT1
Antenna Type	PCB Antenna
Test Items	Gain; Efficiency; Radiation Pattern
Test Frequency	2400-2500MHz
Test Standard	ANSI/IEEE Std 149-1979

2. Test Configurations

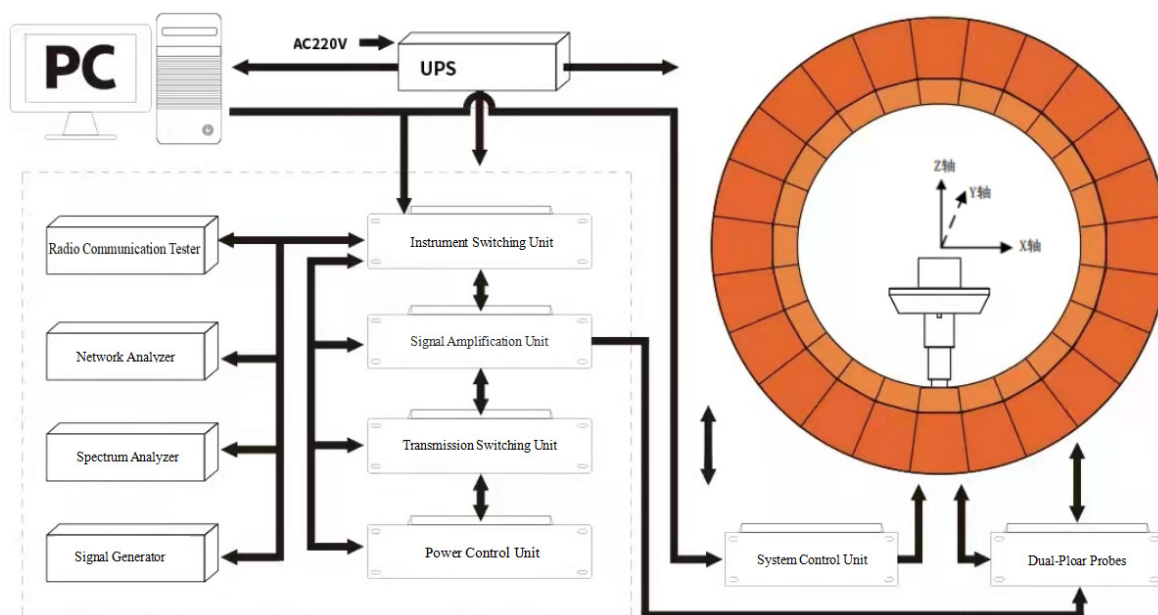
2.1 Test Environment

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



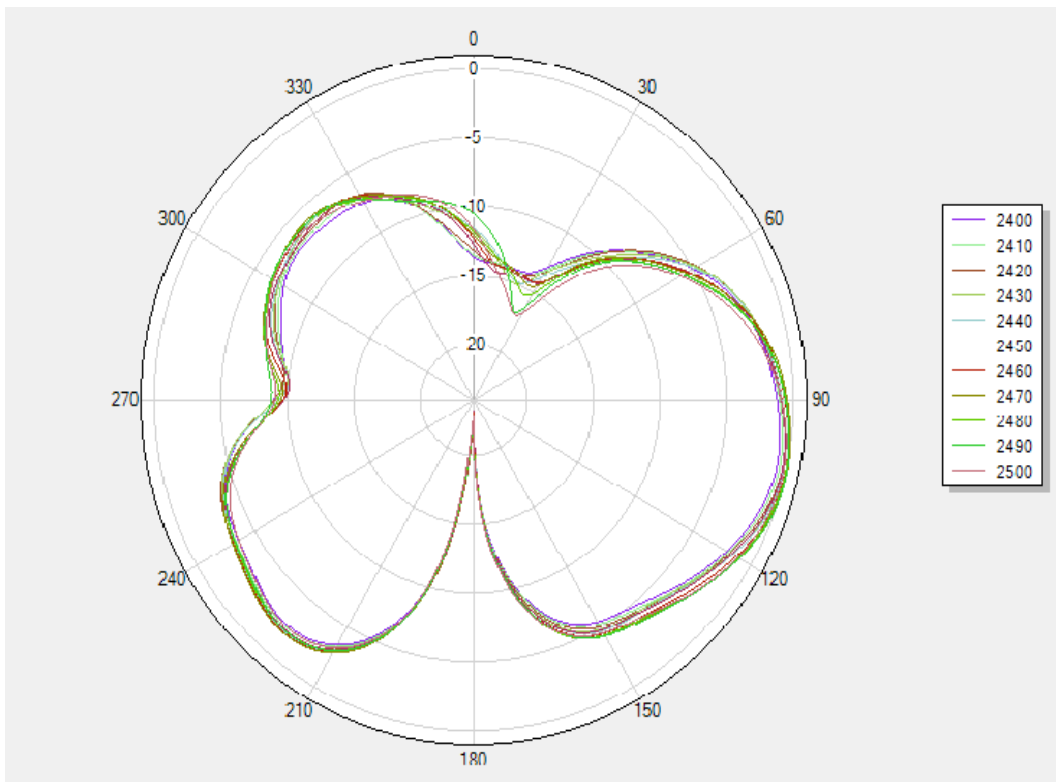
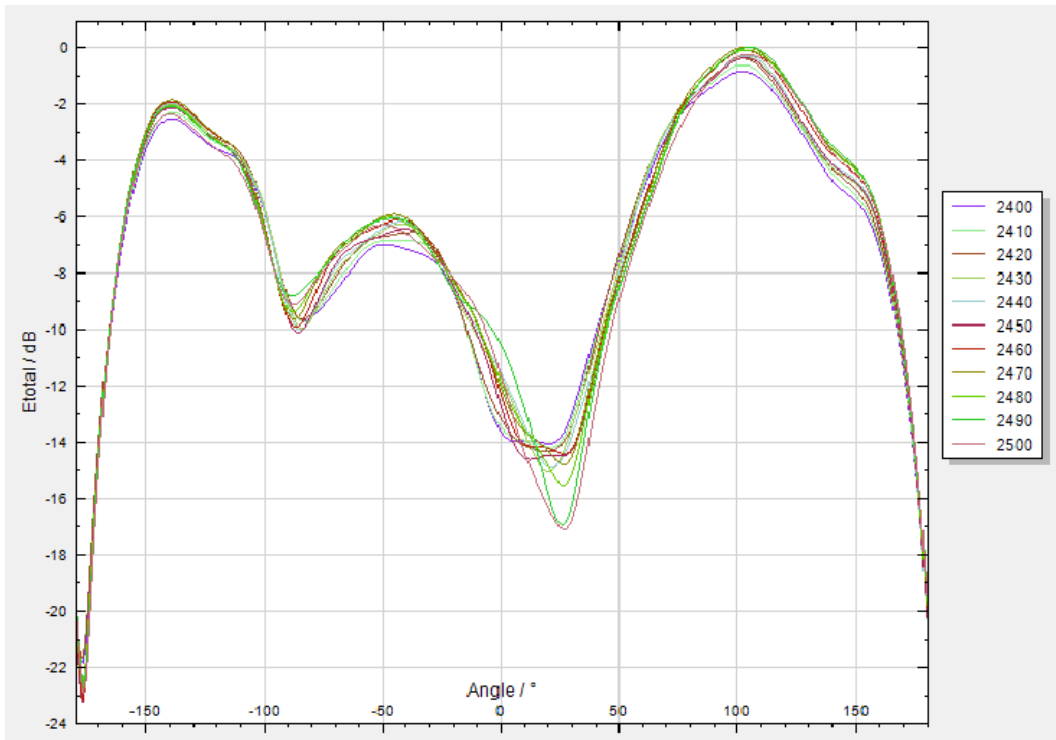
3. Test Results

3.1 Gain and Efficiency

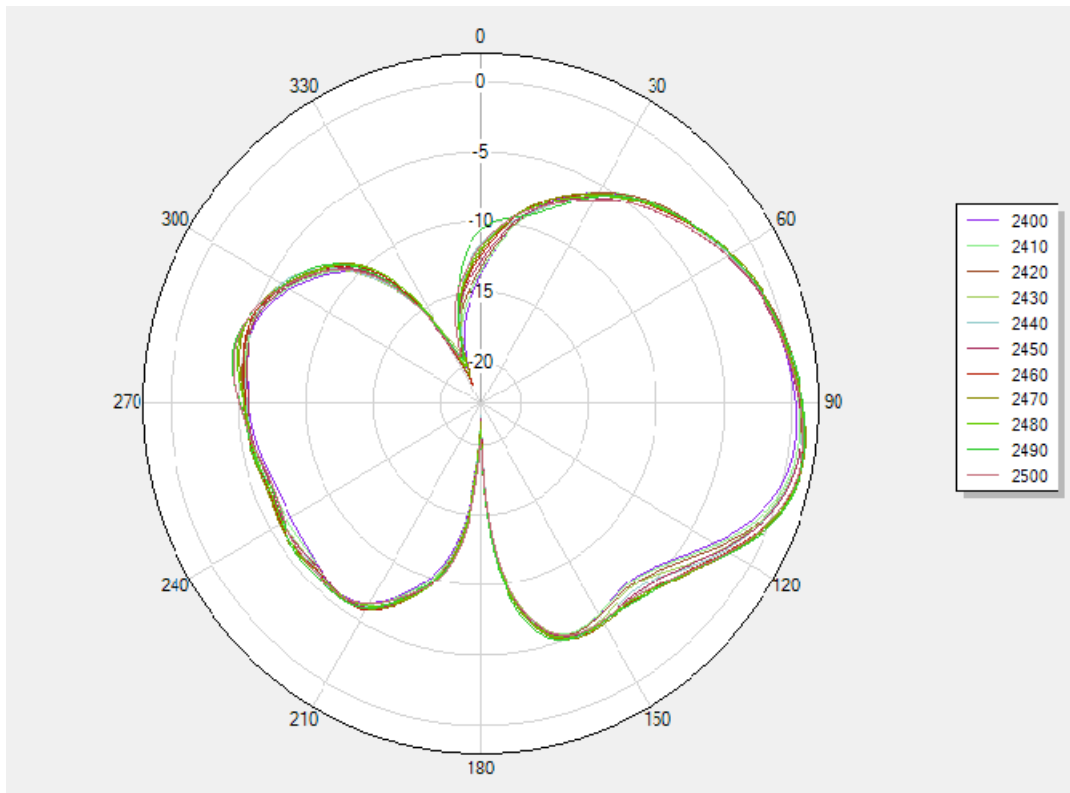
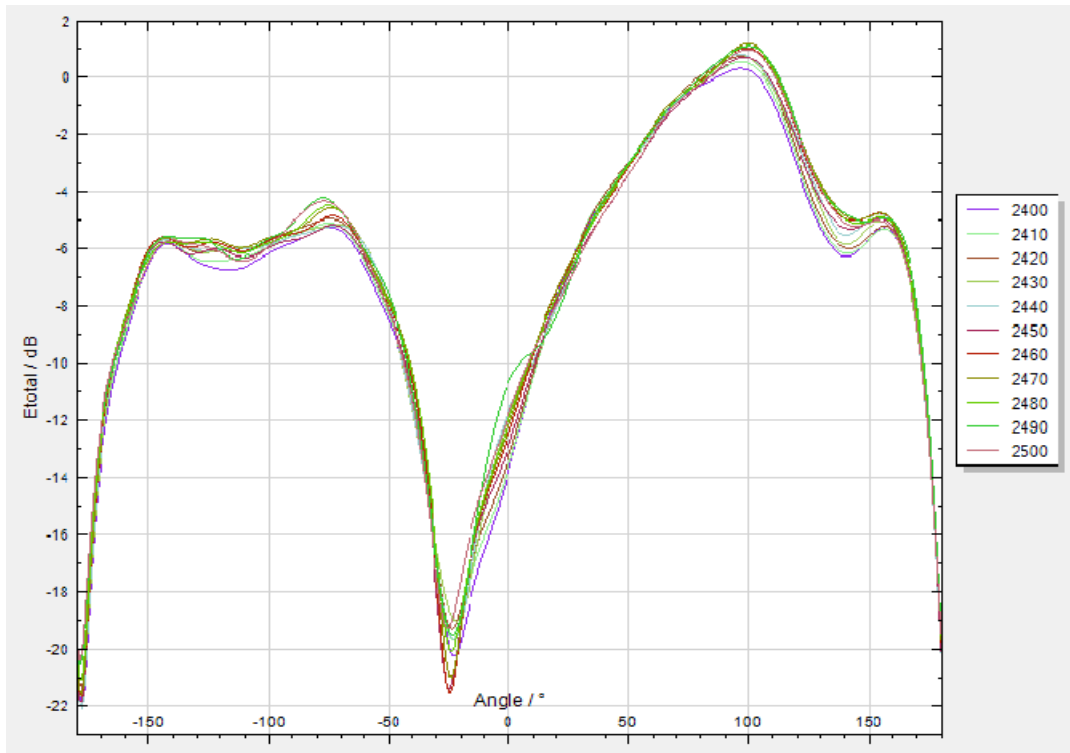
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	0.43	43.36
2410	0.69	44.72
2420	0.89	40.82
2430	0.88	44.62
2440	0.92	44.65
2450	0.91	44.23
2460	1.24	44.41
2470	1.33	45.89
2480	1.21	46.21
2490	1.20	45.76
2500	1.01	43.53

3.2 Radiation Pattern

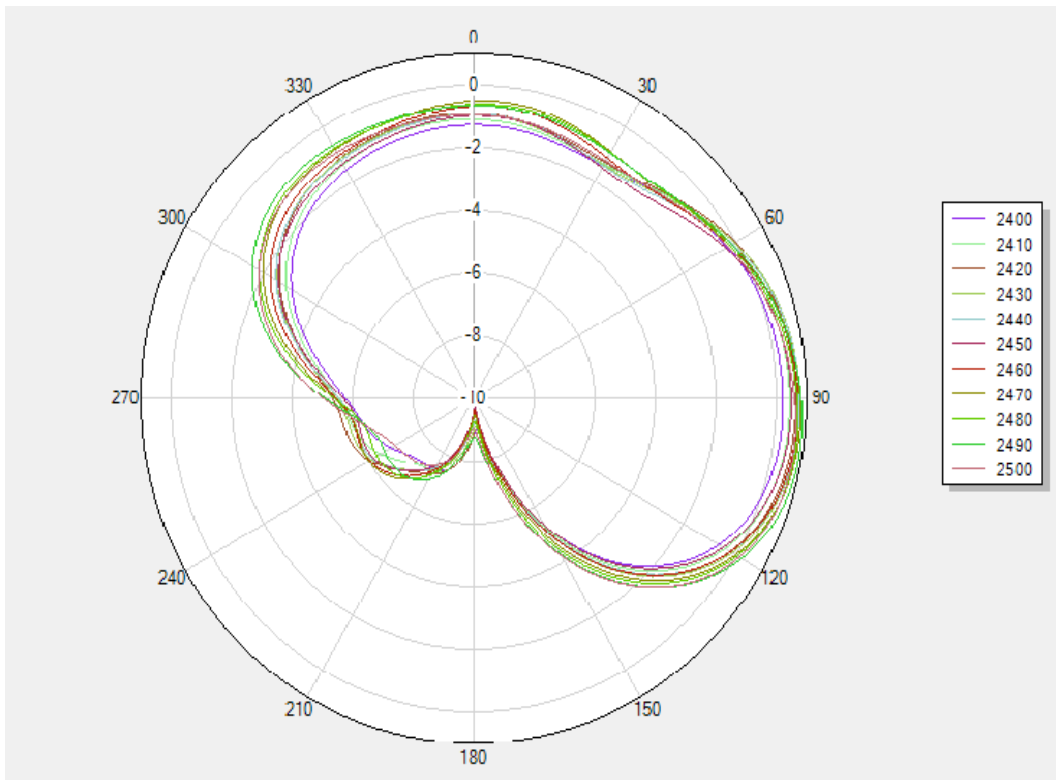
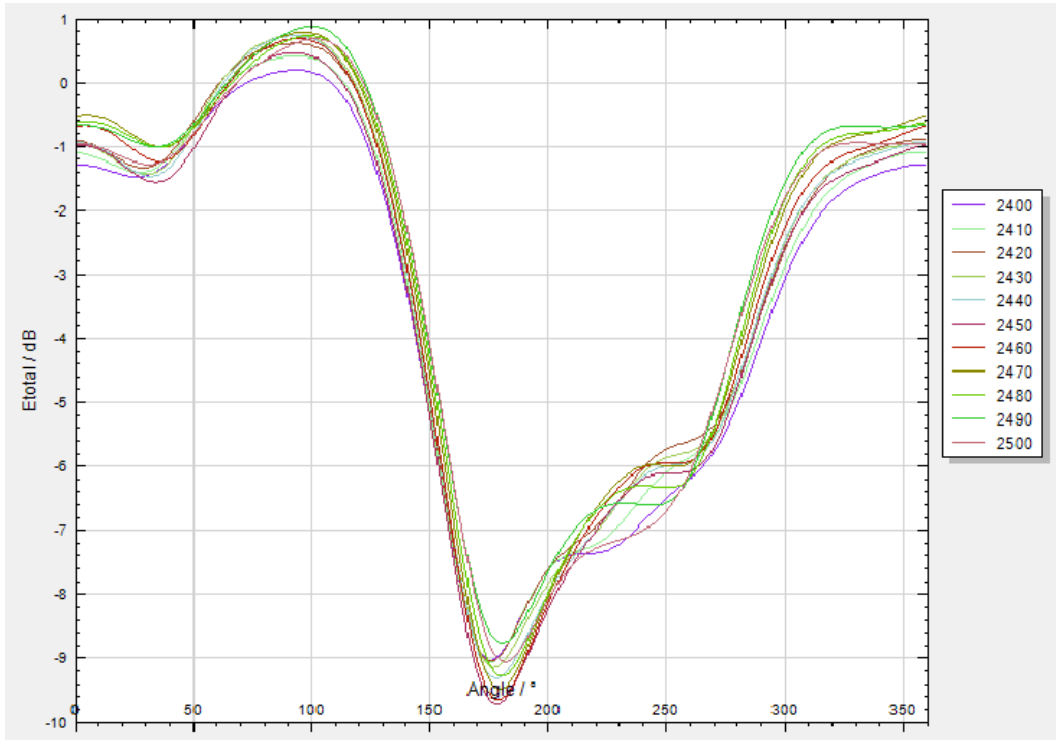
Phi 0



Phi 90



Theta 90



4. Antenna Dimensions

