
Antenna Specification

Manufacture: Shenzhen Kingtrun Technology
Co., Ltd

Product Name: Antenna PIFA

Antenna Type: PCB

Test Date: 2022.06.25

Tested by: Wei Wang

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1.General Description

Manufacturer	Shenzhen Kingtrun Technology Co.,Ltd
Address	3E, Unit 2, Building 5, Jindi Shangtang Road, Daling Community, Minzhi Street, Longhua District, Shenzhen
Test Location	3E, Unit 2, Building 5, Jindi Shangtang Road, Daling Community, Minzhi Street, Longhua District, Shenzhen
Product Name	Antenna PIFA
Product model	Antenna PIFA
Antenna Type	PCB Antenna
Test Items	Gain; Efficiency; Radiation Pattern
Test Frequency	2400-2500MHz
Test Standard	ANSI/IEEE Std 149-1979

2. Test Configurations

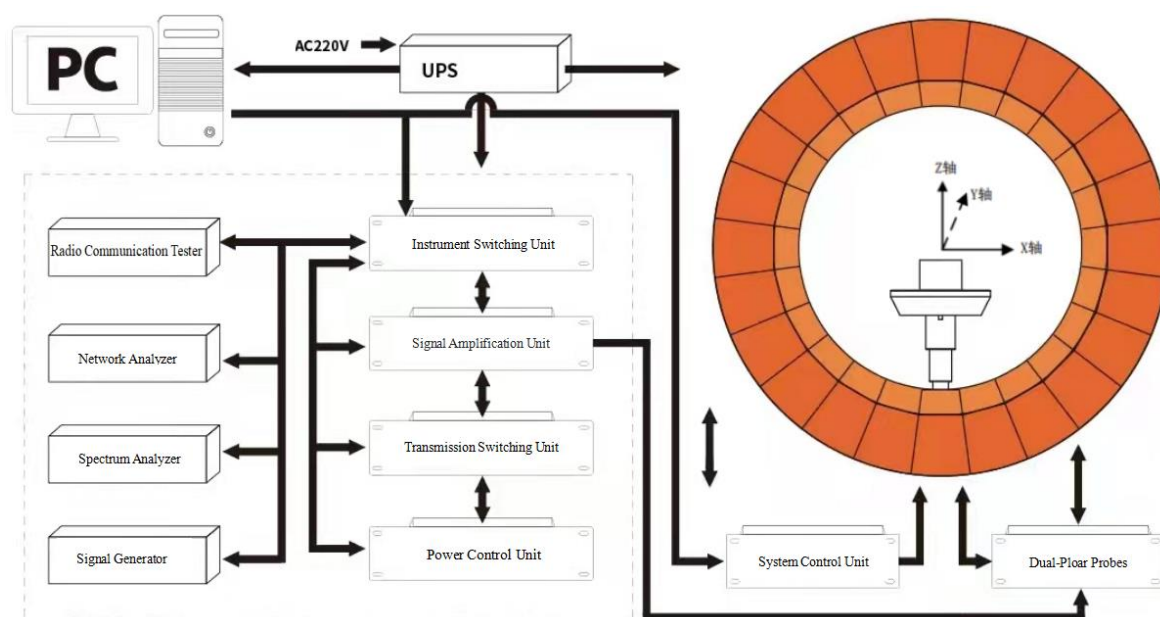
2.1 Test Environment

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



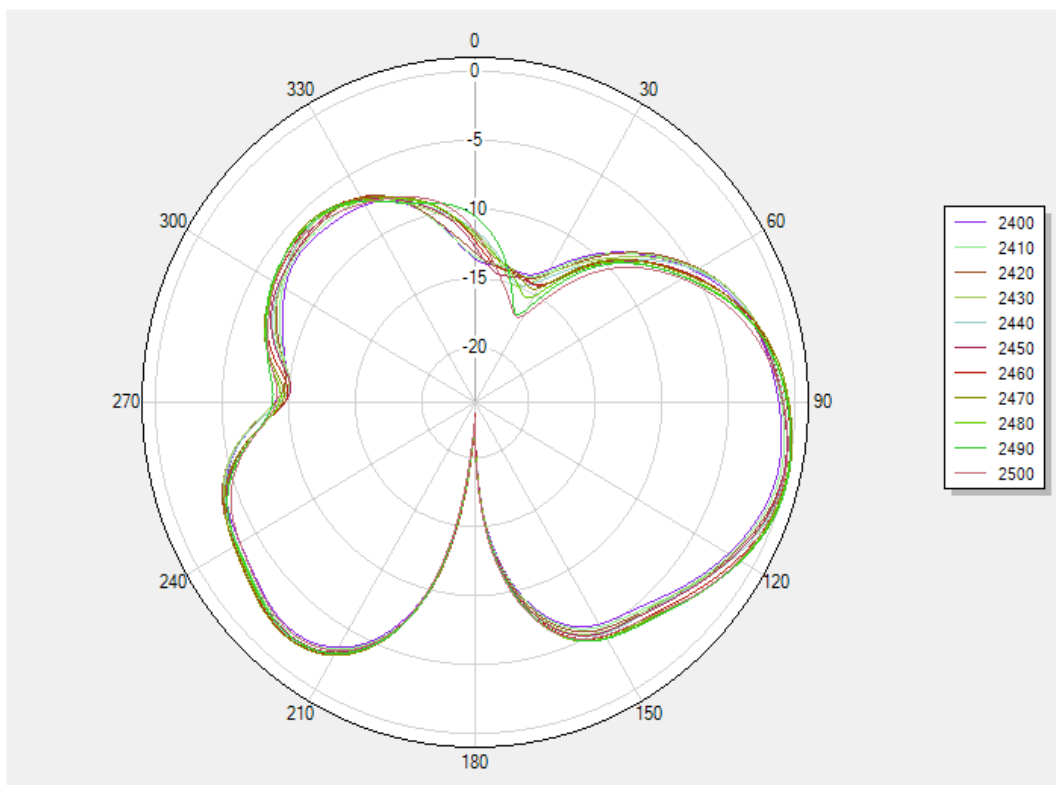
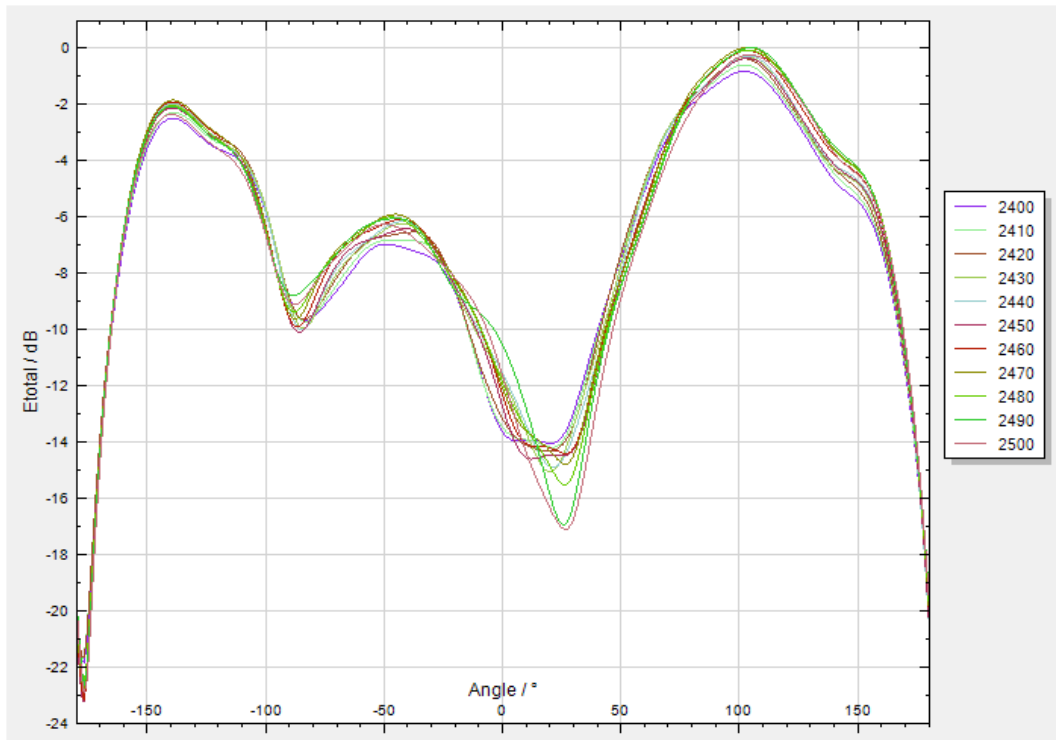
3.Test Results

3.1 Gain and Efficiency

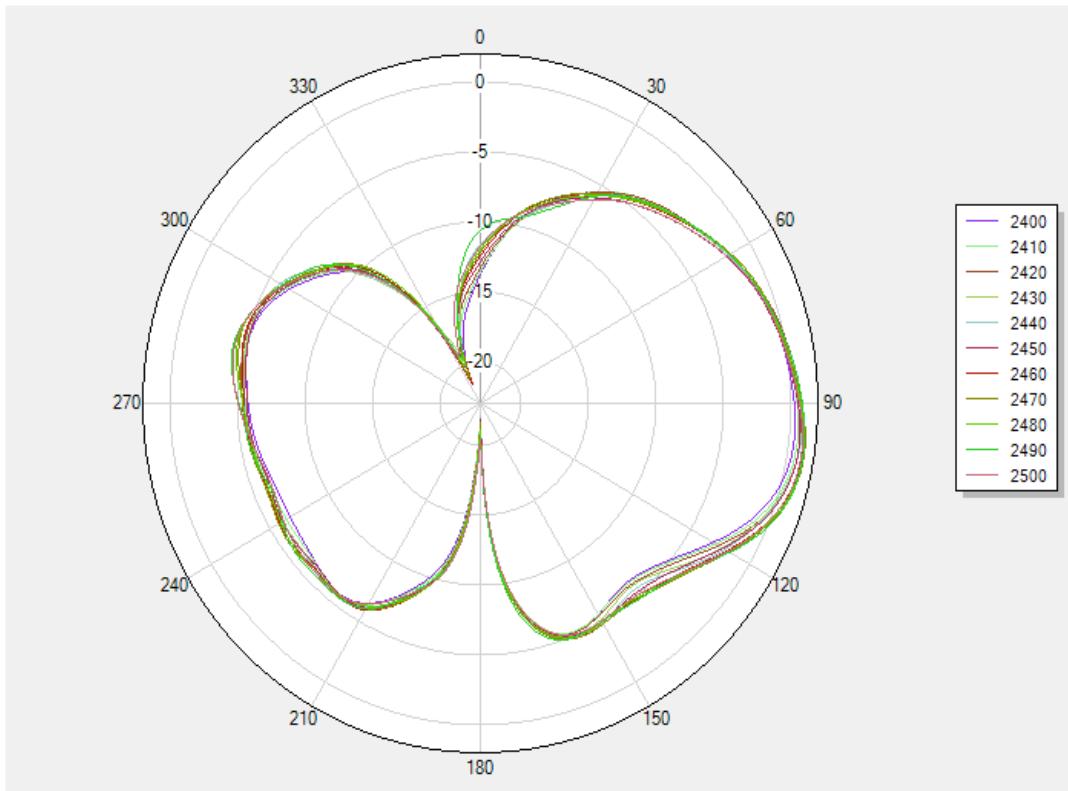
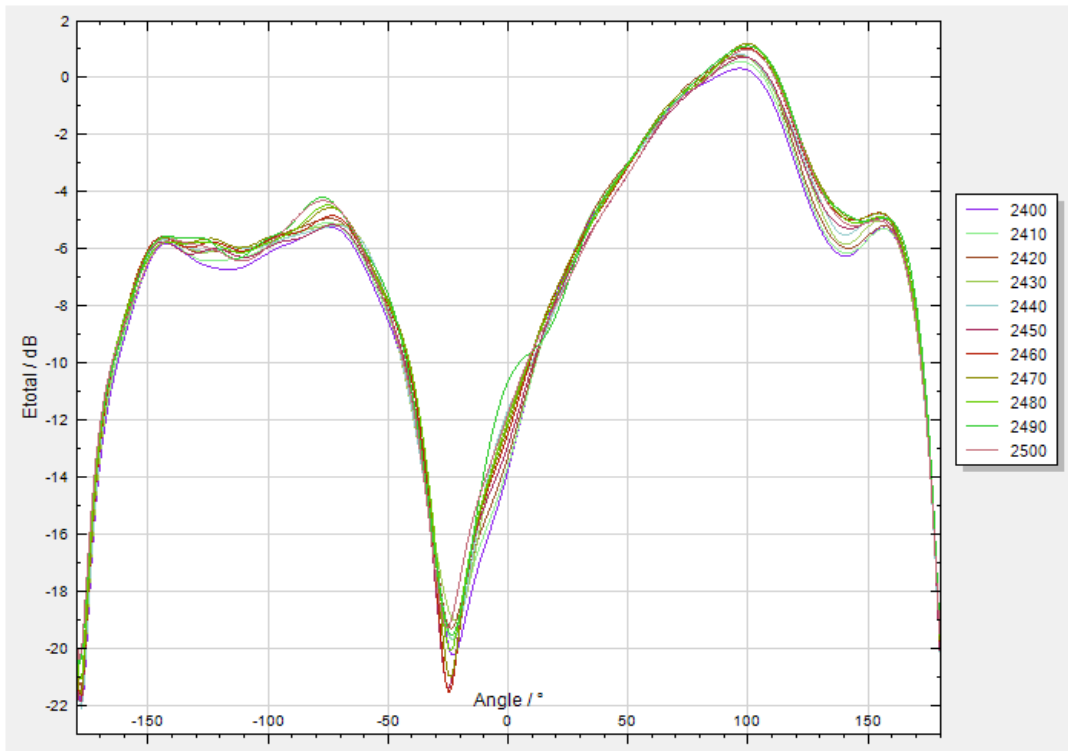
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	0.43	43.36
2410	0.69	44.72
2420	0.89	40.82
2430	0.88	44.62
2440	0.92	44.65
2450	0.91	44.23
2460	1.24	44.41
2470	1.33	45.89
2480	1.21	46.21
2490	1.20	45.76
2500	1.01	43.53

3.2 Radiation Pattern

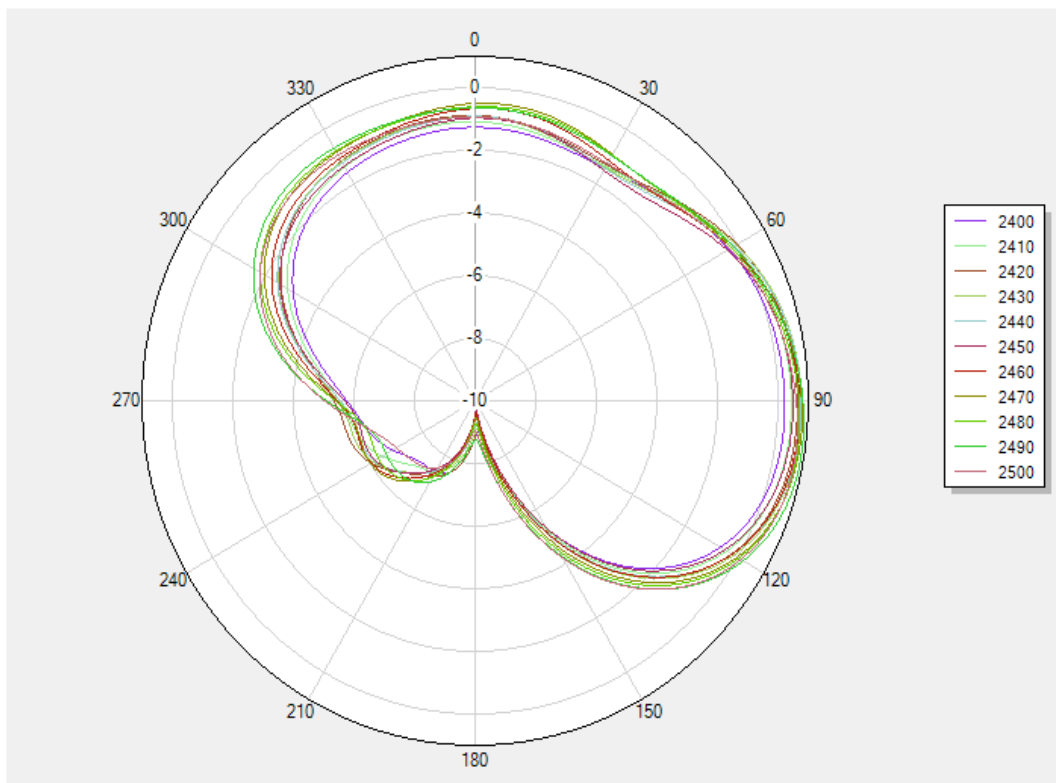
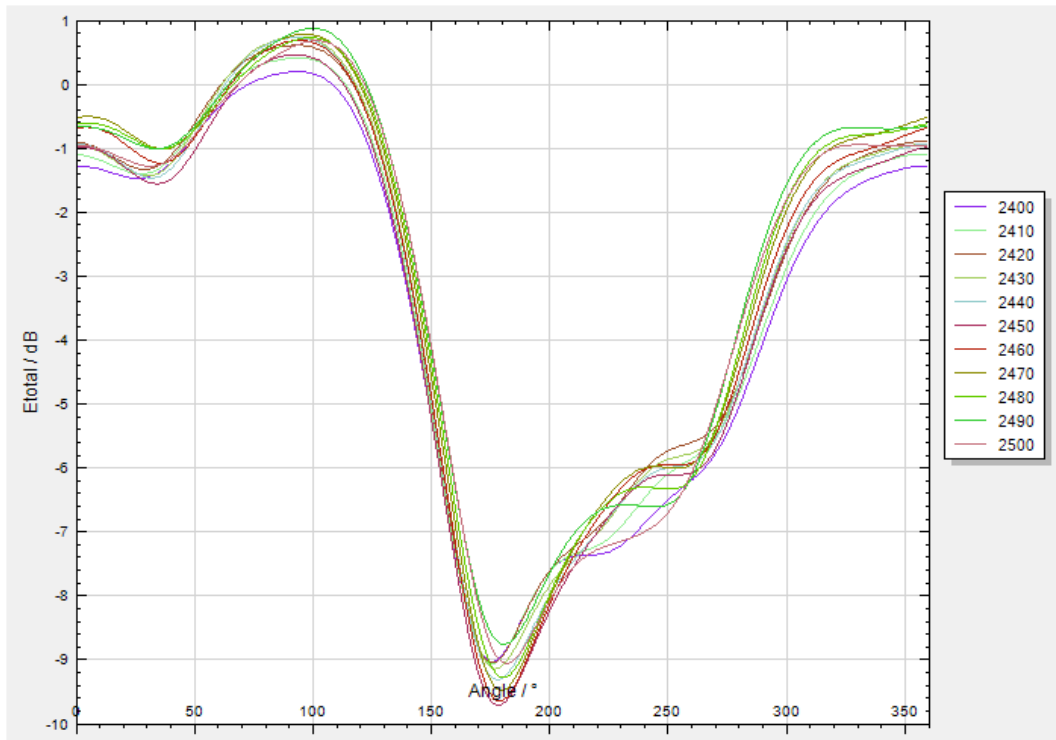
Phi 0



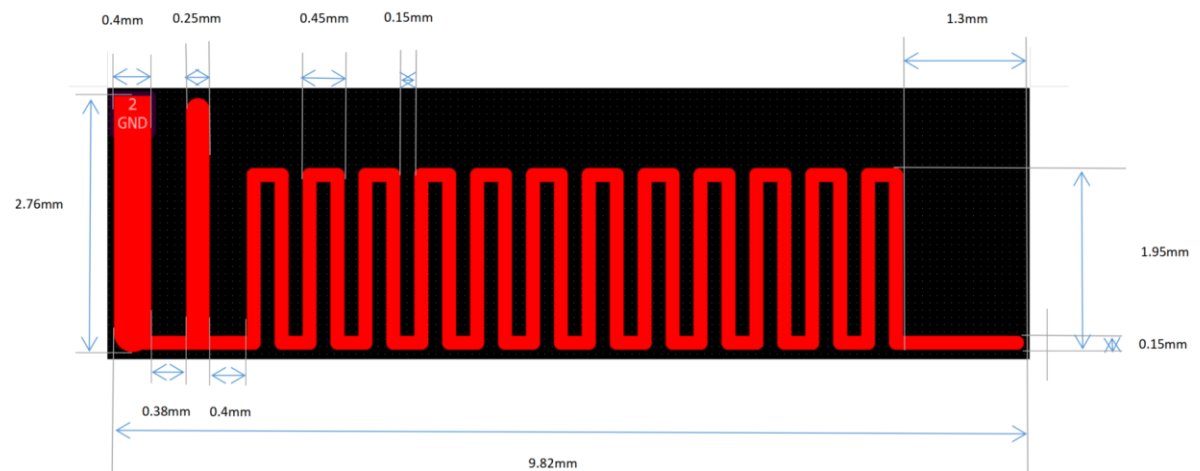
Phi 90



Theta 90



4. Antenna Dimensions



5. EUT Photo

