

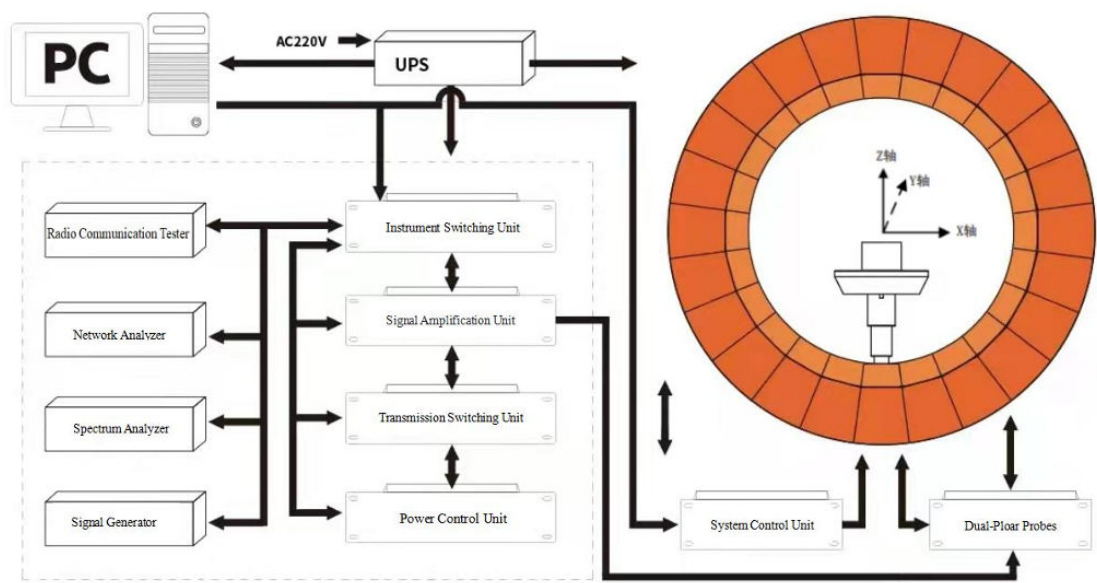
1. 概述

Product Name	侧插调光模组
Product model	侧插调光模组
Antenna Type	PCB Antenna
Test Items	Gain; Efficiency; Radiation Pattern
Test Frequency	2400-2500MHz
Test Standard	ANSI/IEEE Std 149-1979

2. 测试环境

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

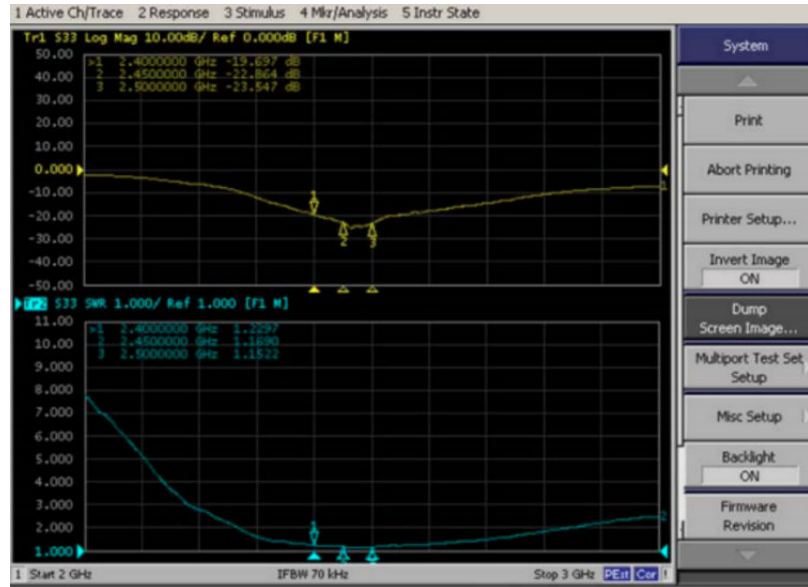
3. 测试拓扑



4. 测试结果

● 天线驻波

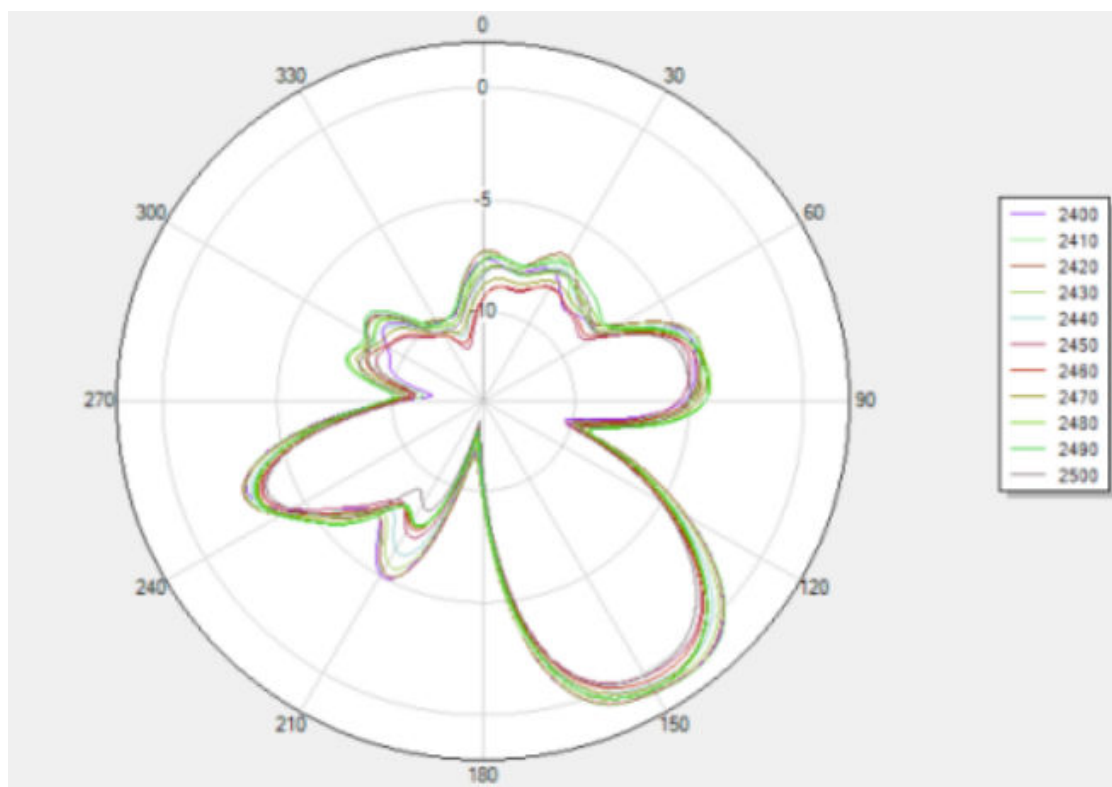
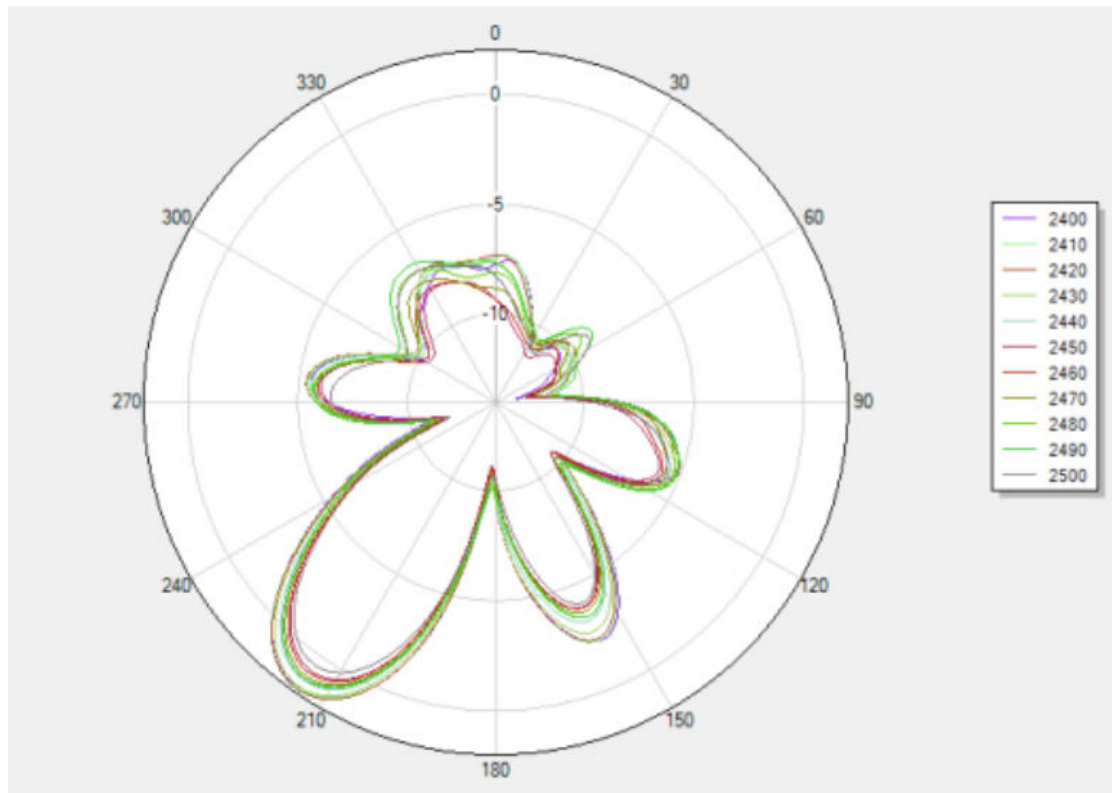
Test Frequency (MHz)	2400	2450	2500
Return Loss (dB)	-19	-22	-23

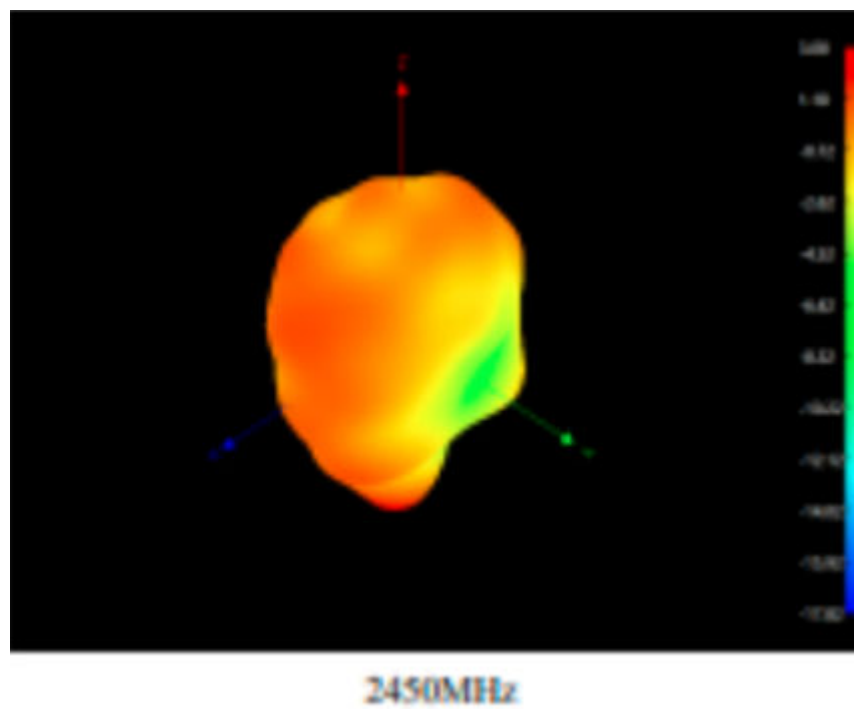
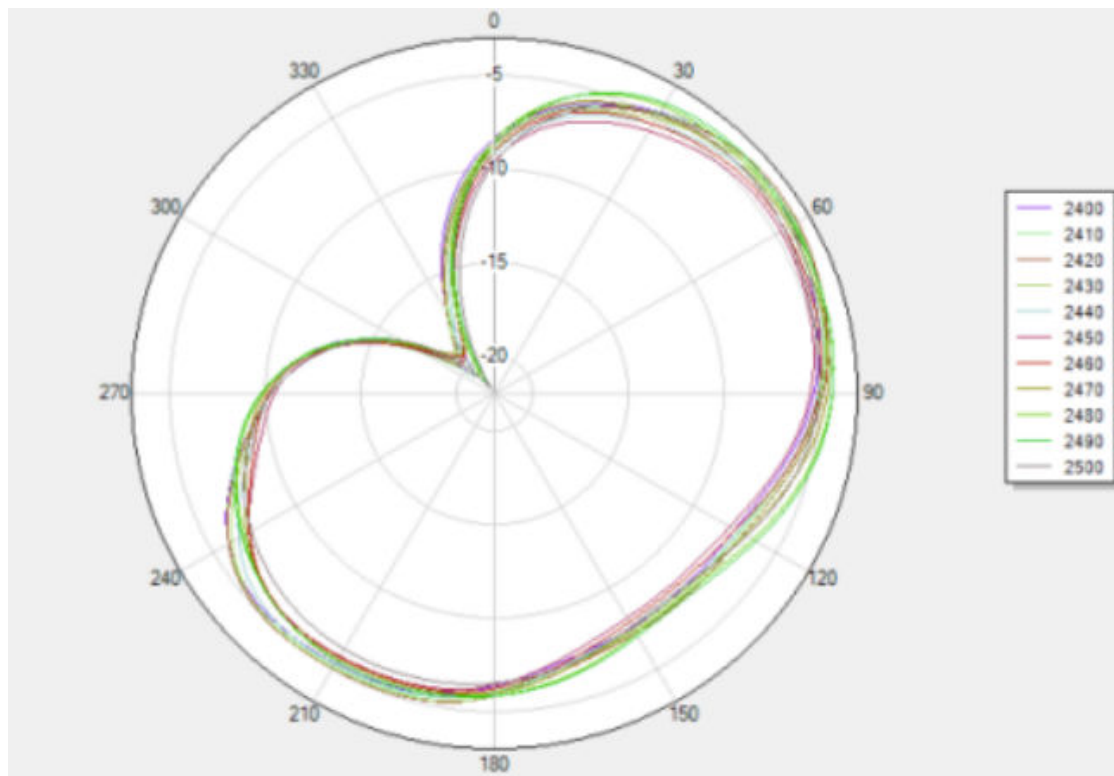


- 天线增益和效率

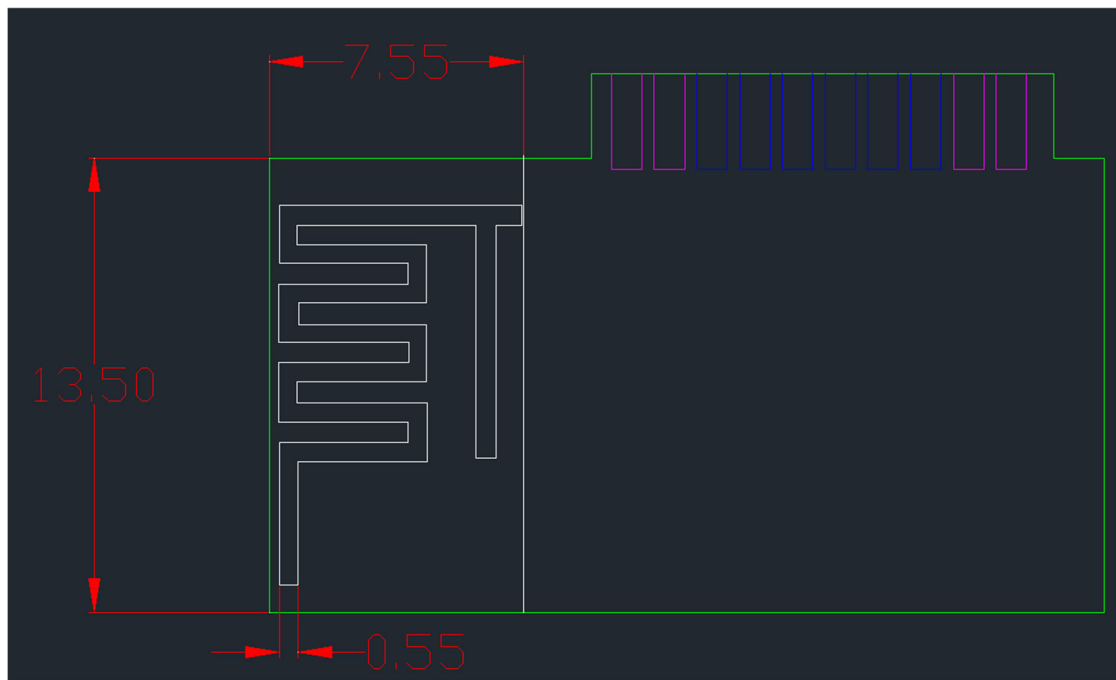
Frequency(MHz)	PeakGain(dBi)	Efficiency(%)
2400	2.33	33.11
2410	2.29	33.34
2420	2.17	32.51
2430	1.98	31.41
2440	1.67	29.24
2450	1.12	26.36
2460	1.27	26.36
2470	1.49	27.42
2480	1.64	29.51
2490	1.69	29.17
2500	1.04	25.53

- 天线方向图





5. 天线尺寸



说明：单位 mm