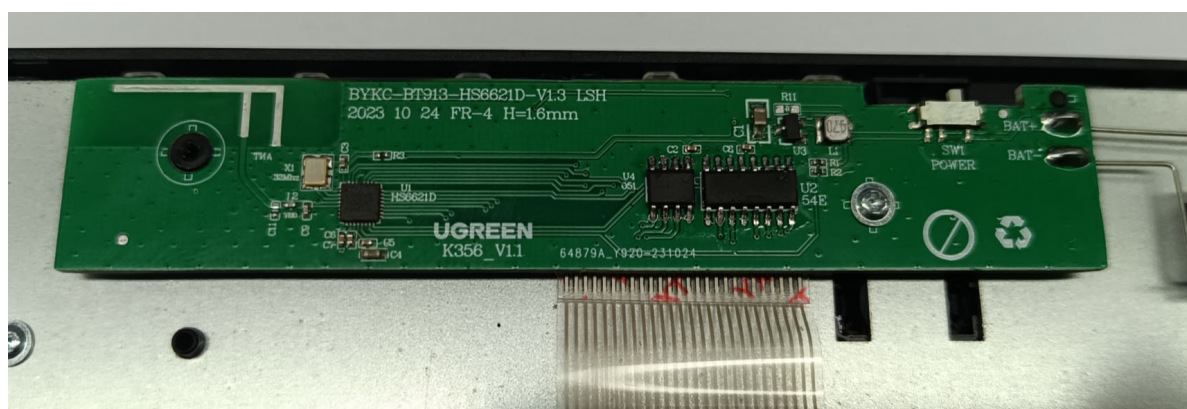


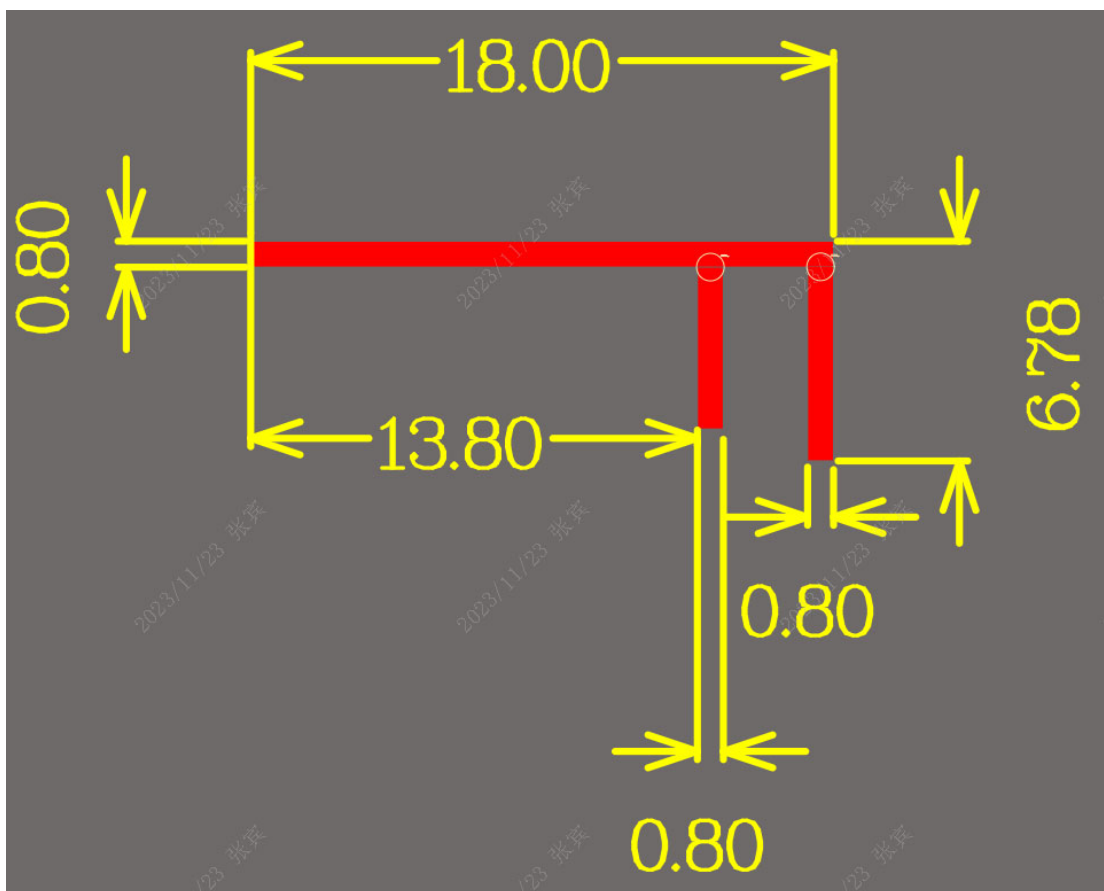
Antenna Specification

Project name	K356
ITEM	SPEC.
Model Name	BT2.4G
Polarization	Vertical
Gain	2.4G<-1.46
Impedance	50 Ω
Weight	/
Product description	PCB 板载天线
Antenna Length	28*7.5*2.5mm
Manufacturer	
Address	

产品图片 (Product picture)

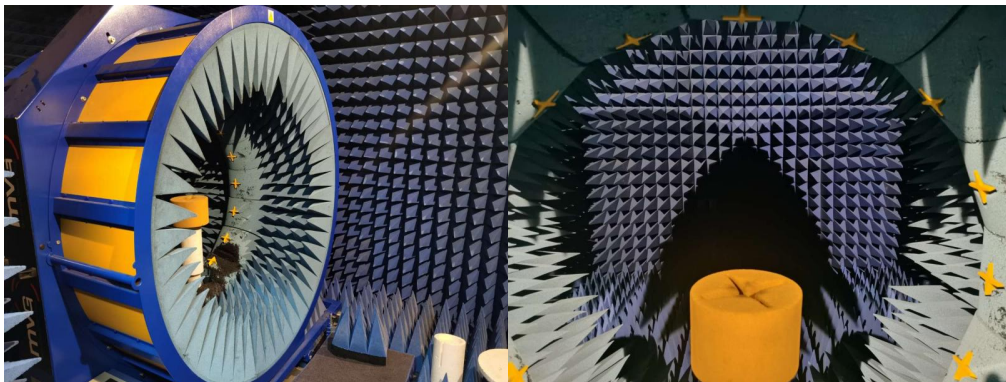


天线尺寸图(单位: mm)

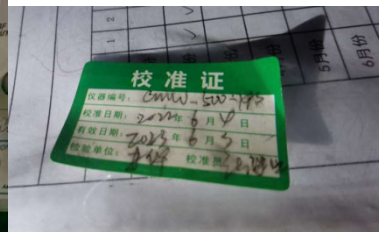


测试环境

Satimo 暗室



CMW-500 综测仪

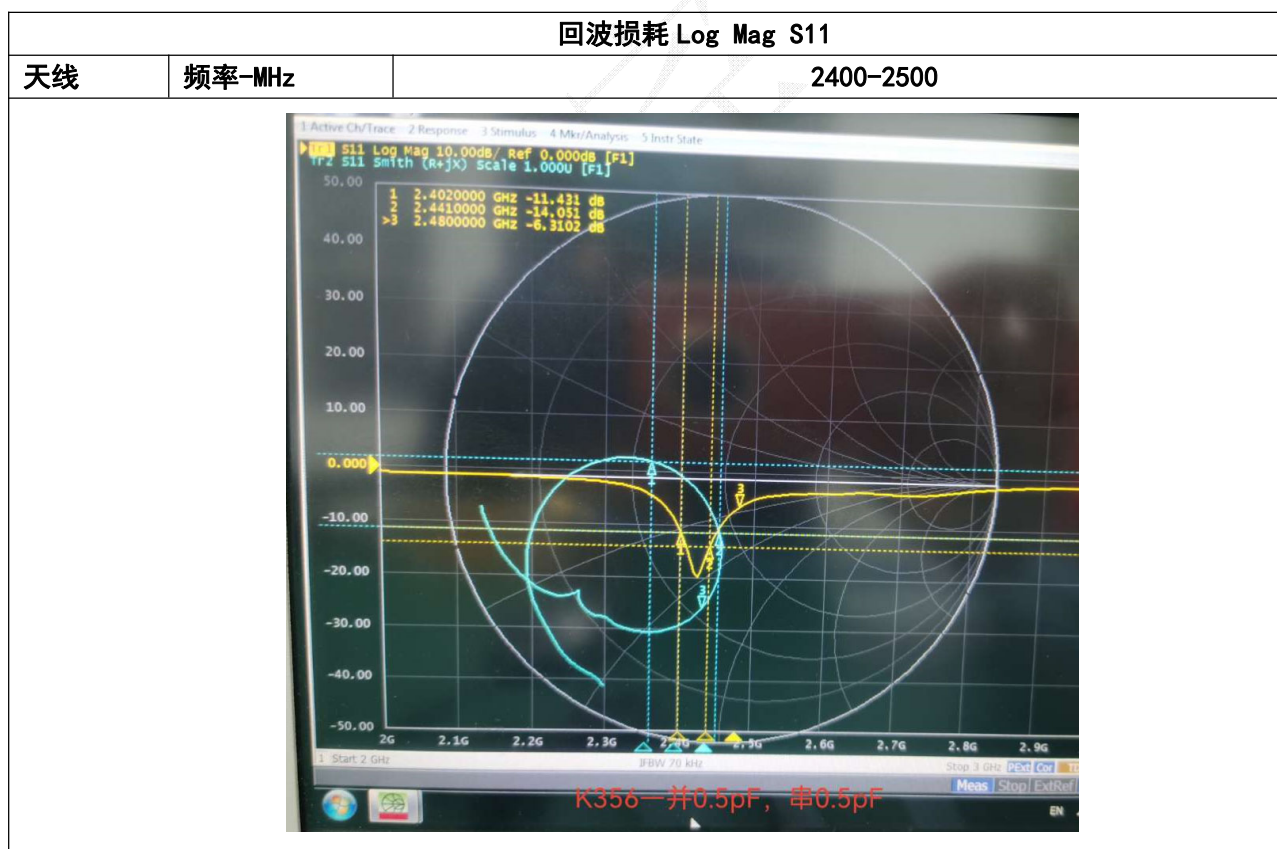


Agilent 安捷伦网络分析仪

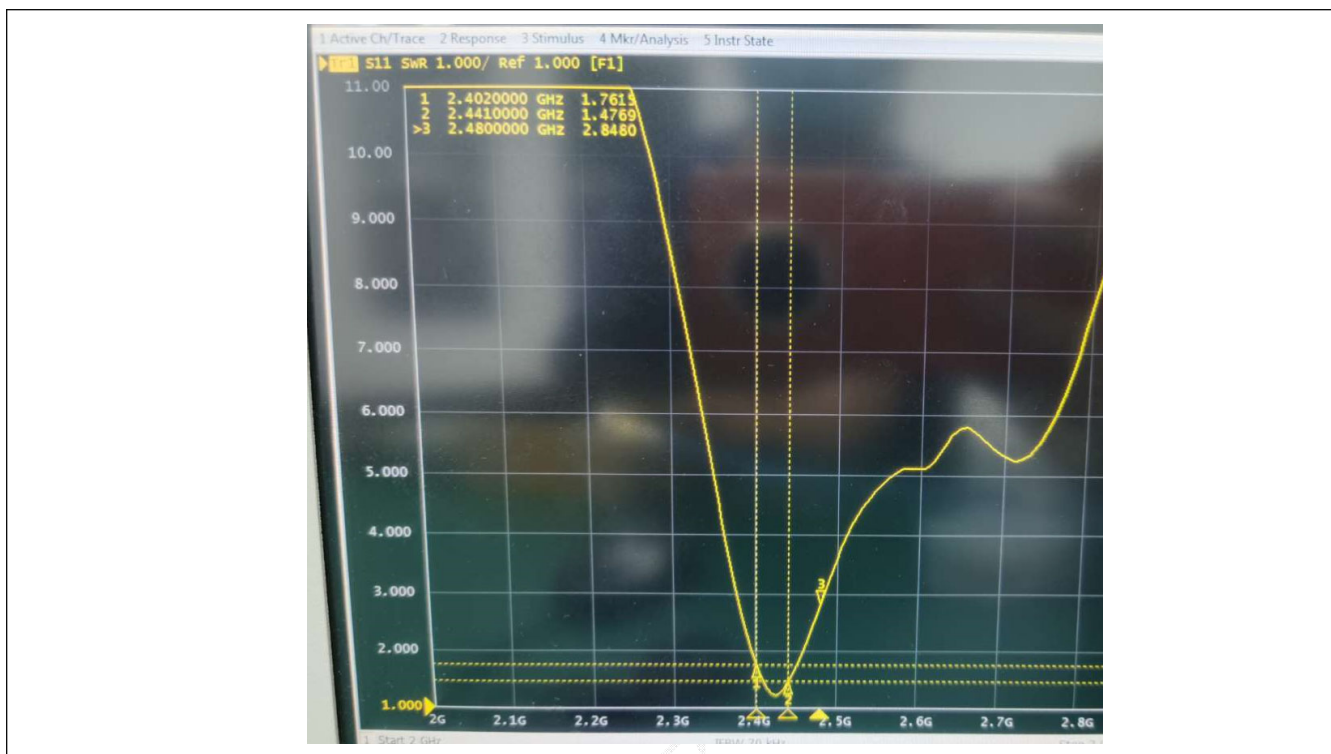


电性能测试结果

天线						
序号	检验项目	单位	性能指标要求	检验结果		判 决
1	频率范围	MHz	2412-2483.5	2400-2483.5		OK
2	增 益	dBi	/	2400	-1.46	
				2440	-1.57	
				2480	-3.61	
4	回波损耗	dB	≤ -6	2400	-11.43	
				2440	-14.05	
				2480	-6.31	
4	驻波比	dB	/	2400	1.76	
				2440	1.47	
				2480	2.84	



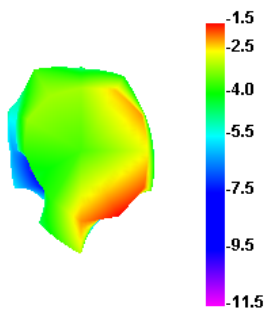
驻波比 SWR		
天线	频率-MHz	2400-2500



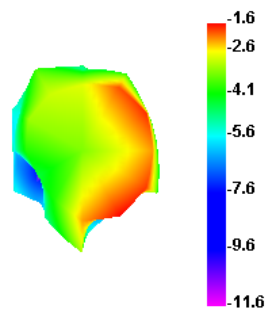
天线

辐射方向图 (2.4G)

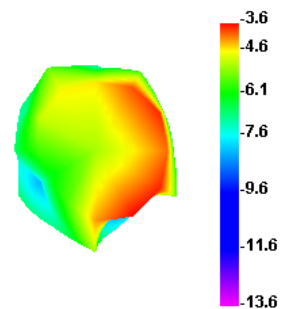
2400.000MHz



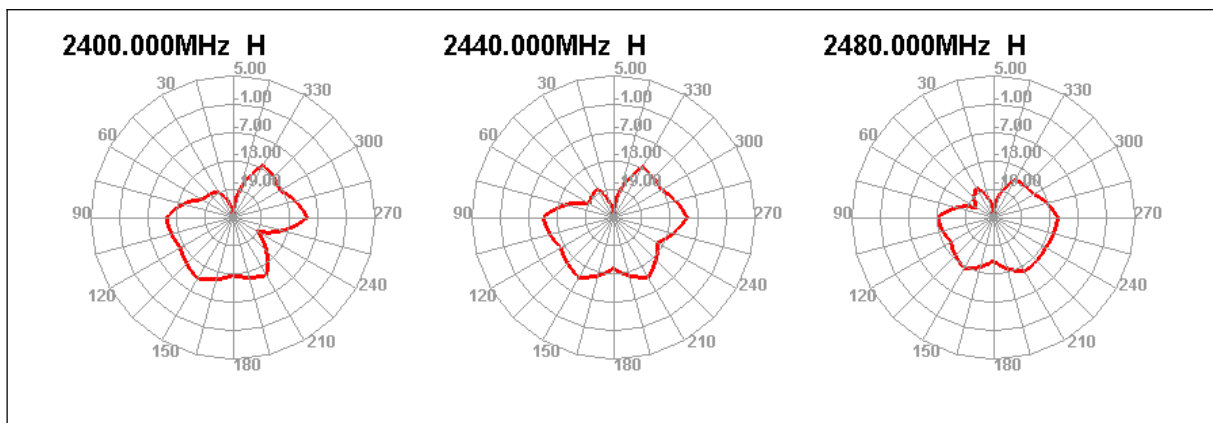
2440.000MHz



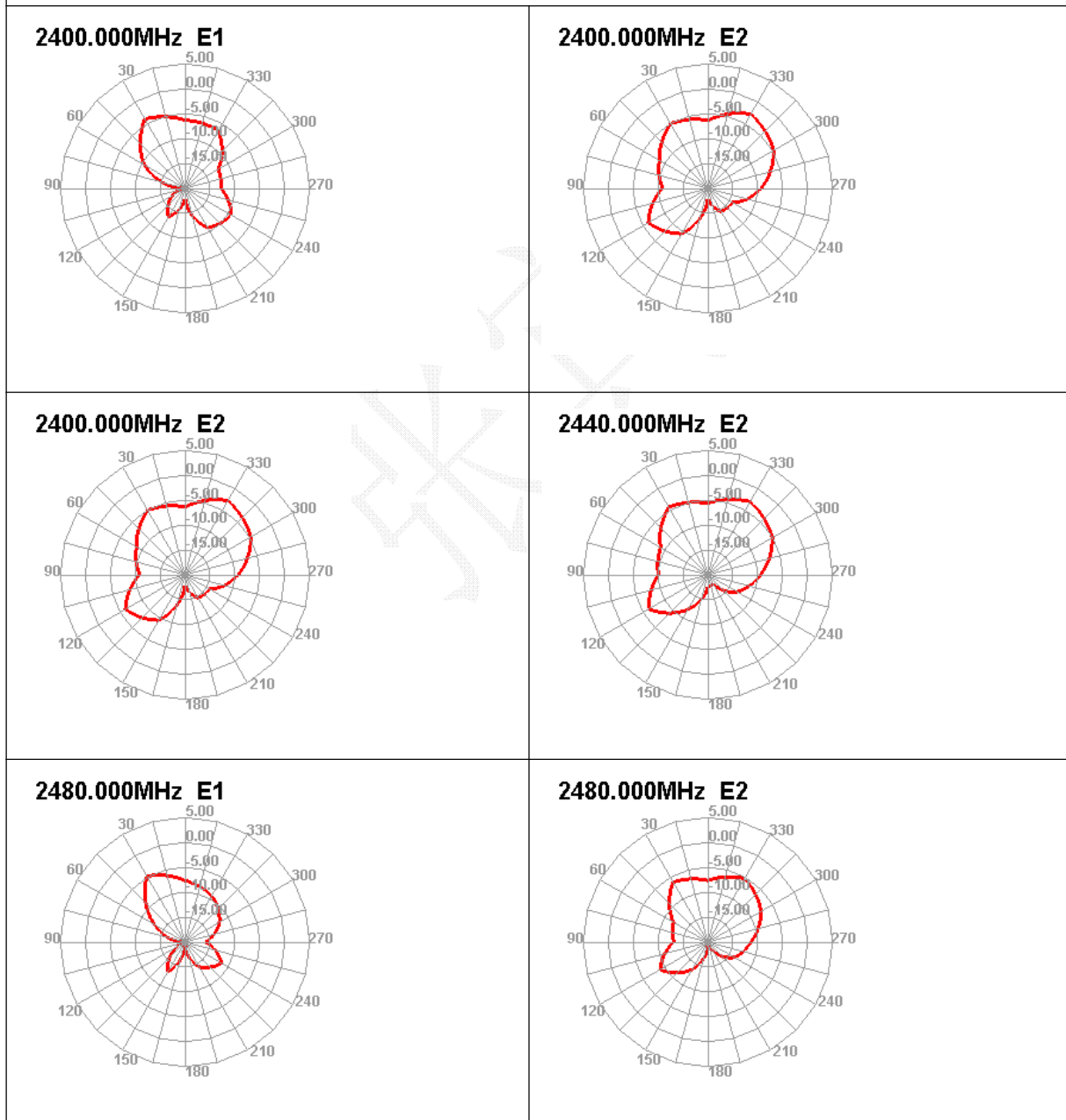
2480.000MHz



水平面



垂直面



辐射参数测试

天线无源效率		
Frequency	E Total. dB(dBi)	Efficiency(%)
2400MHz	-1.46	12.55
2410MHz	-1.84	11.33
2420MHz	-1.77	11.63
2430MHz	-1.79	11.71
2440MHz	-1.57	12.52
2450MHz	-1.99	11.49
2460MHz	-2.55	10.2
2470MHz	-3.37	8.31
2480MHz	-3.61	7.92
2490MHz	-3.81	7.62
2500MHz	-3.92	7.56