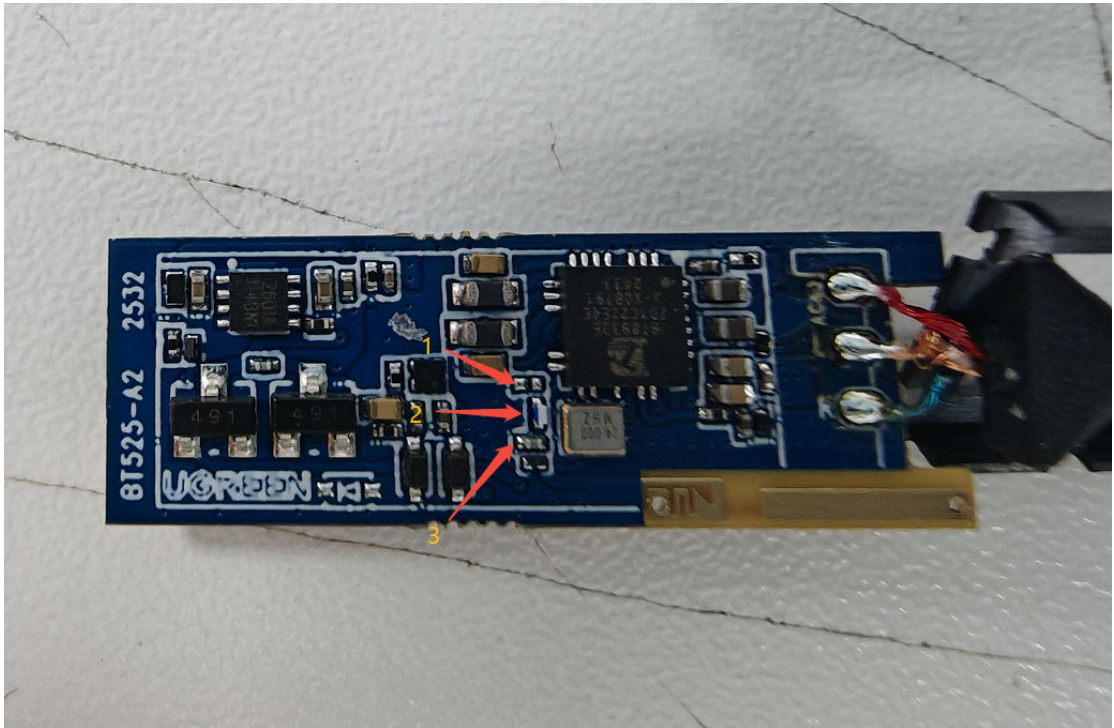


Antenna Specification

产品名称	BT525
ITEM	SPEC
Model Name	UG-ANT1
Polarization	Vertical
Gain	≤-7.81
Impedance	50 Ω
Weight	/
Product description	PCB
Antenna Length	10.36*1.34mm
Manufacturer	
Address	

产品图片 (Product picture)

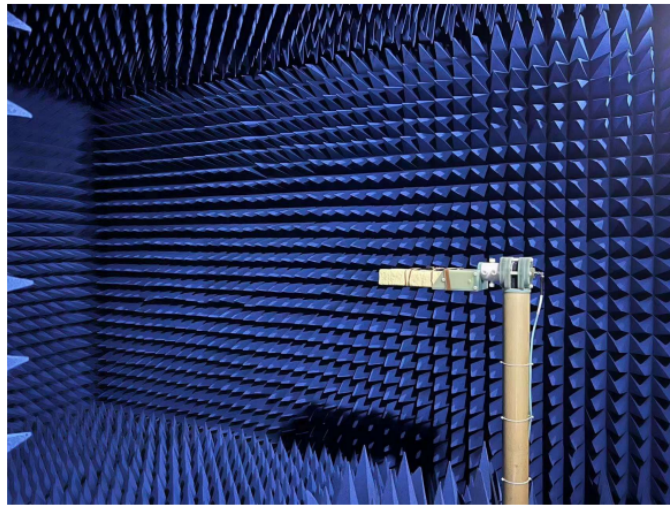
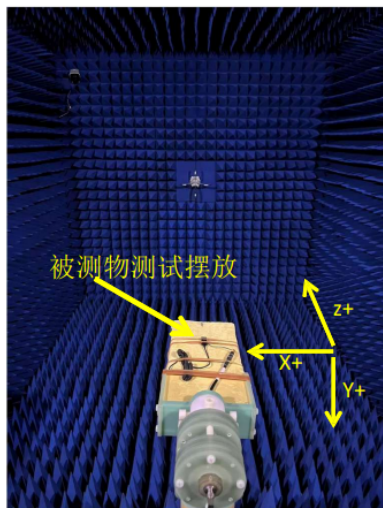


匹配参数

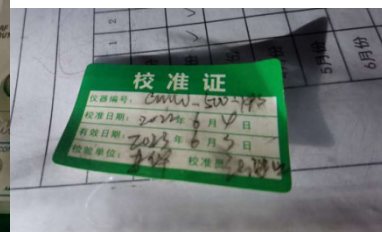
位号	①	②	③
数值	NC	3nH	2pF

测试环境

Satimo 暗室



CMW-500 综测仪



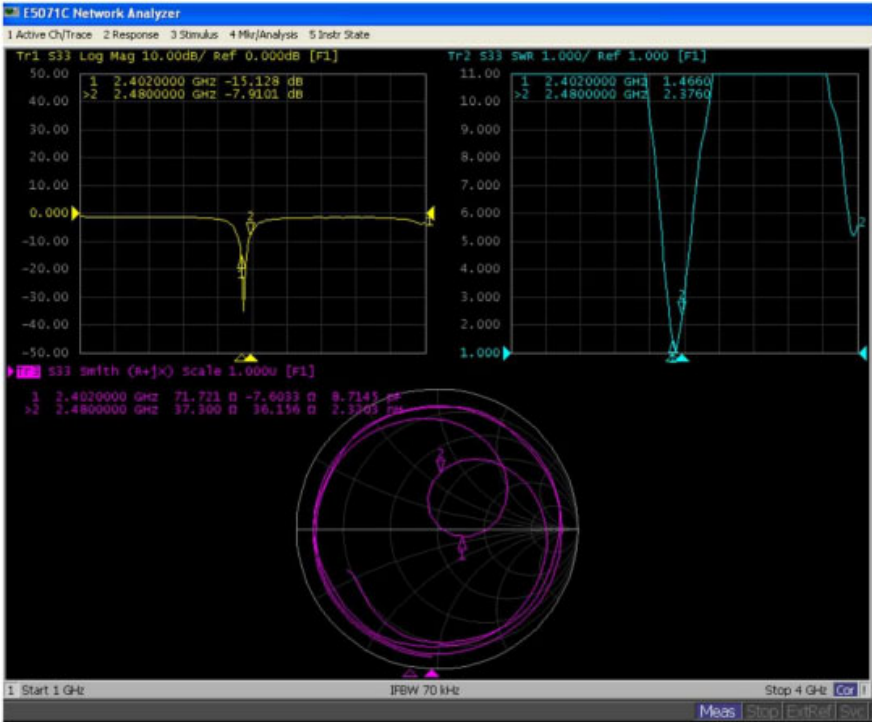
Agilent 安捷伦网络分析仪



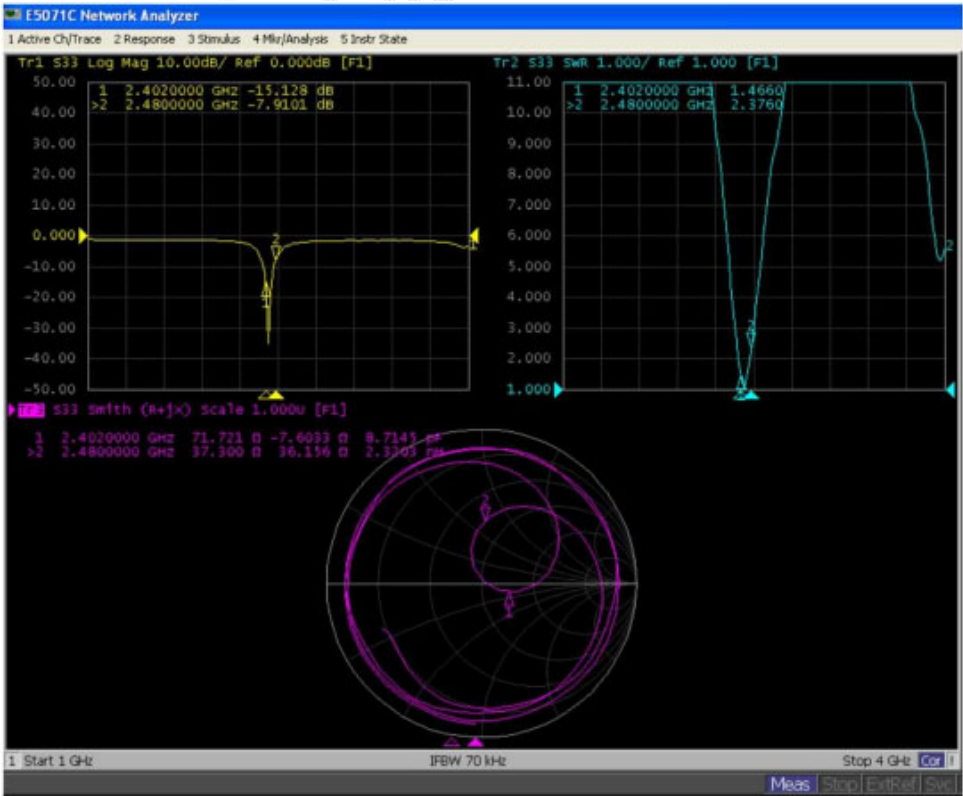
电性能测试结果

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	2402-2483.5	2402-2483.5		OK
2	增 益	dBi	≥ -3	2400	-7.94	
				2440	-7.86	
				2480	-8.26	
4	回波损耗	dB	≤ -10	2402	-15.12	
				2480	-7.9	
4	驻波比	dB	< 3	2402	1.46	
				2480	2.37	

回波损耗 Log Mag S11			
天线	频率-MHz	2400-2500	

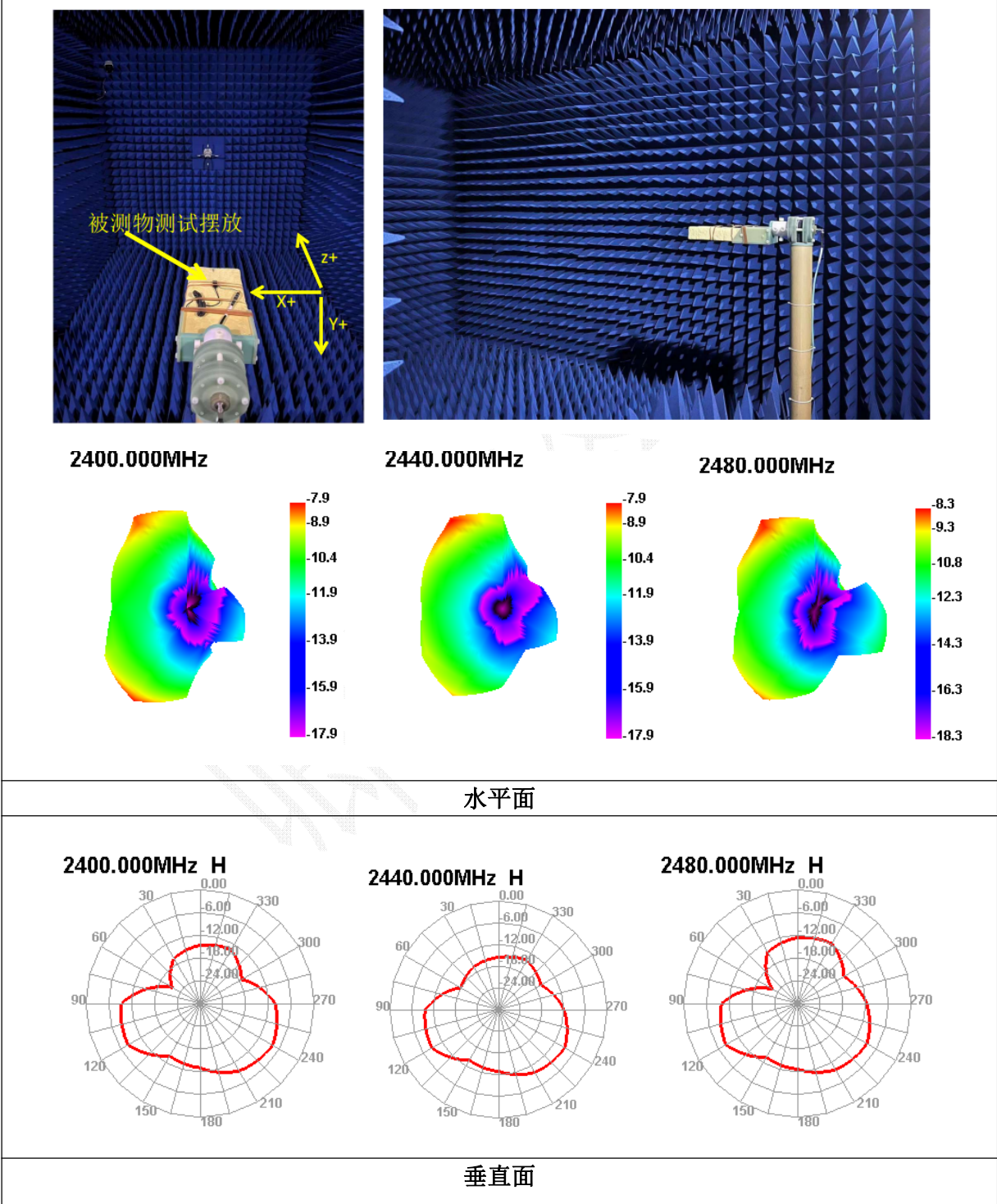


驻波比 SWR			
天线	频率-MHz	2400-2500	

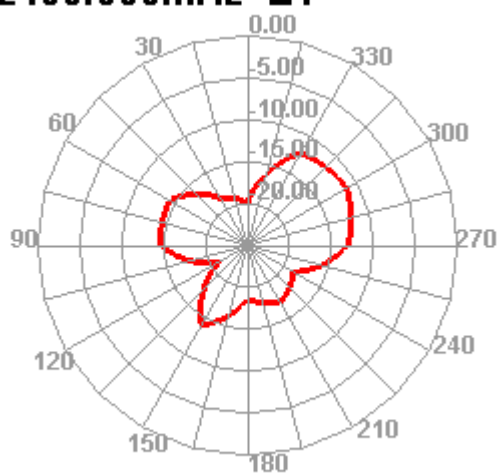


辐射参数测试

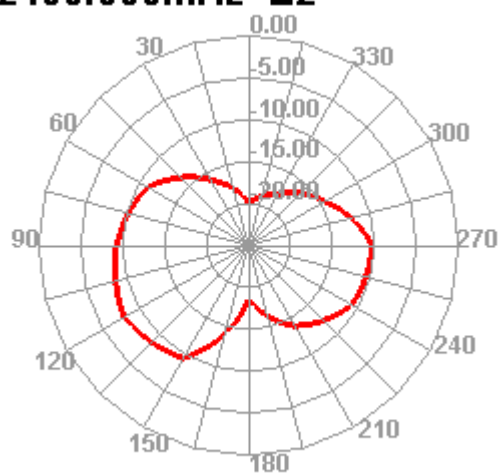
辐射方向图 (2.4G)



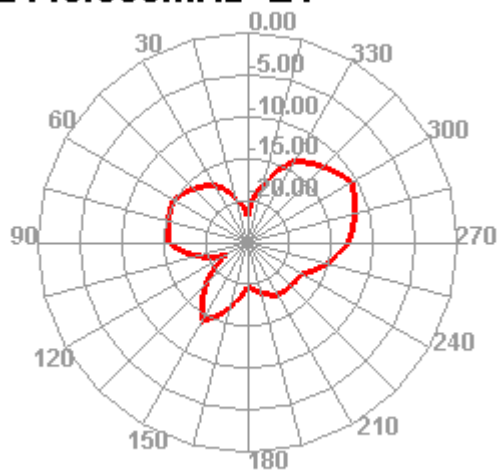
2400.000MHz E1



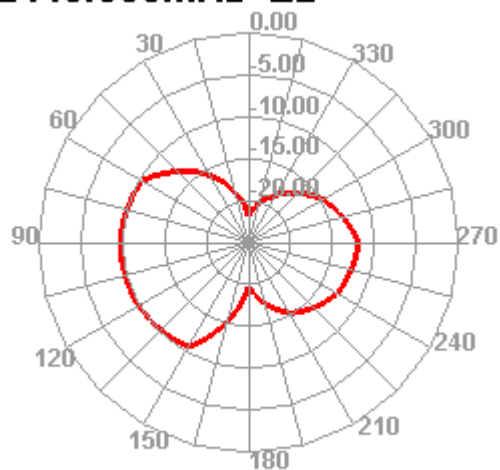
2400.000MHz E2



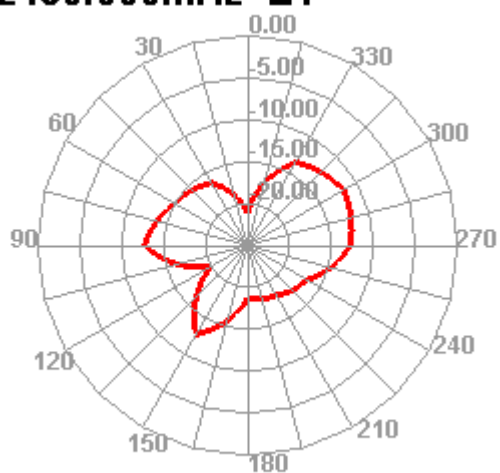
2440.000MHz E1



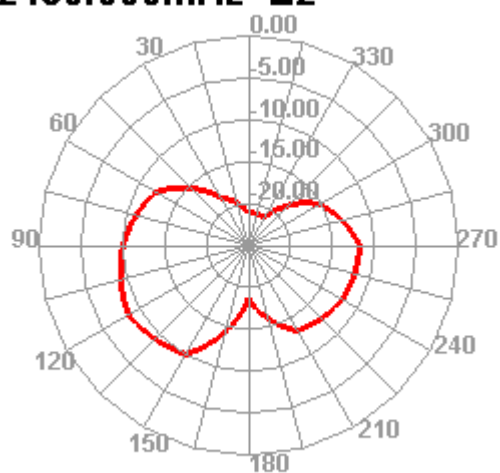
2440.000MHz E2



2480.000MHz E1



2480.000MHz E2



天线无源效率		
Frequency	E Total. dB(dBi)	Efficiency(%)
2400MHz	-7.94	5.45
2410MHz	-8.37	5.08
2420MHz	-8.3	5.18
2430MHz	-8.02	5.12
2440MHz	-7.86	4.96
2450MHz	-7.81	4.92
2460MHz	-7.98	4.88
2470MHz	-8.36	4.82
2480MHz	-8.26	5.18
2490MHz	-8.36	5.19
2500MHz	-8.61	5.06