

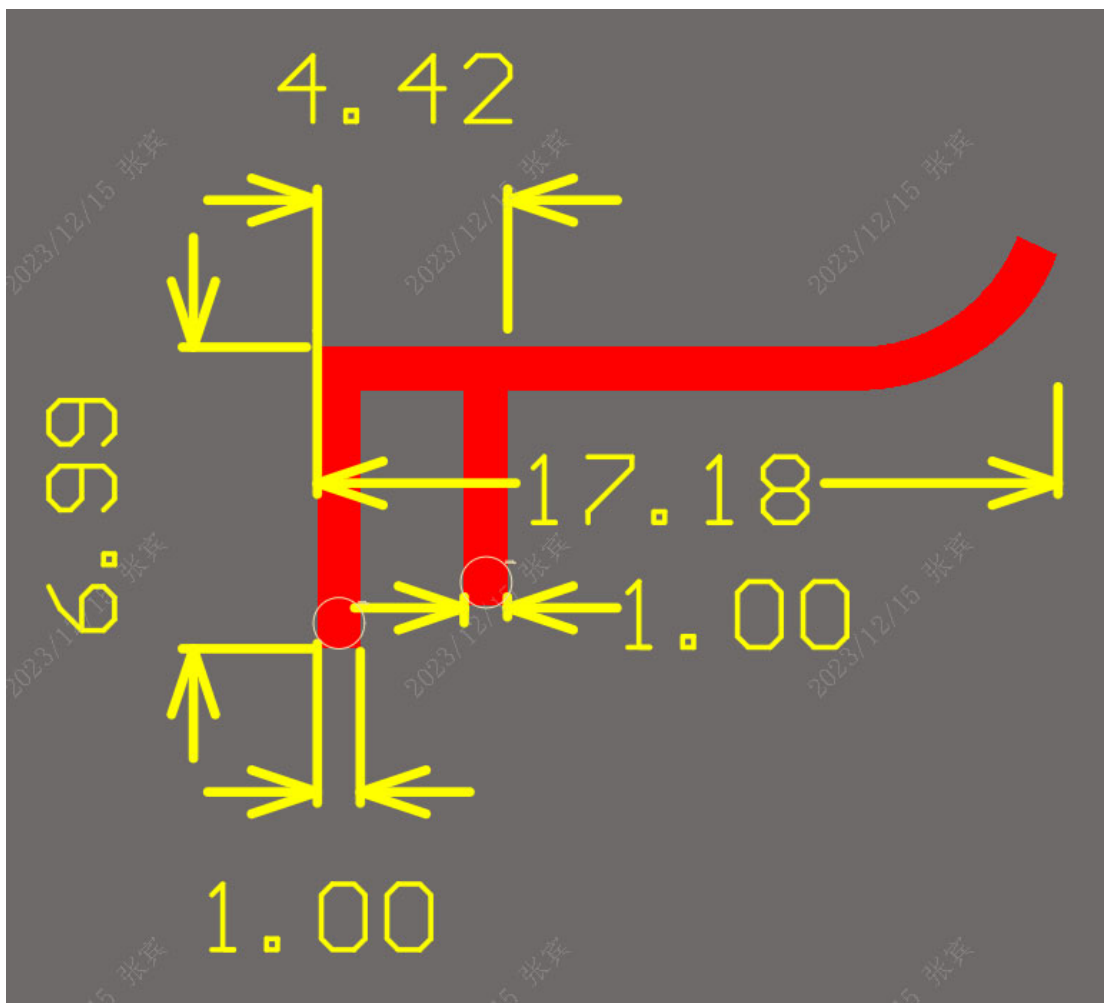
Antenna Specification

产品名称	Mu008
ITEM	SPEC.
Model Name	BT2.4G
Polarization	Vertical
Gain	0.59dBi
Impedance	50 Ω
Weight	/
Product description	PCB Antenna
Antenna Length	17*6mm
Manufacturer	
Address	

产品图片 (Product picture)

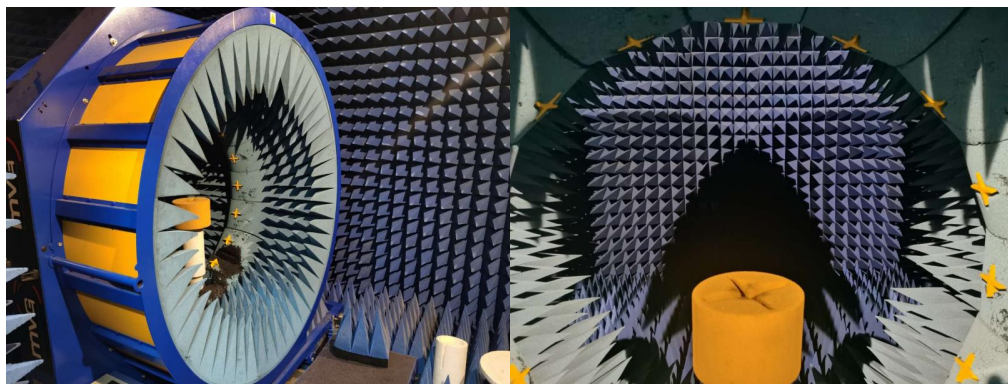


天线尺寸 (单位: mm)

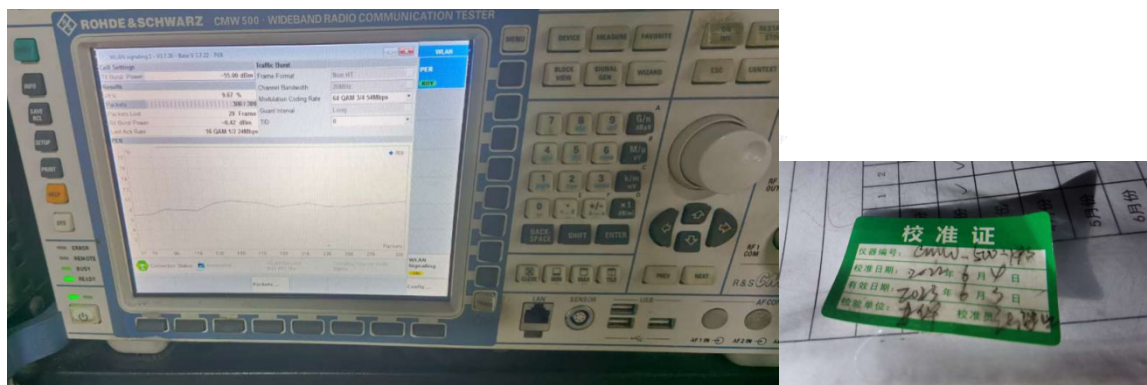


测试环境

Satimo 暗室



CMW-500 综测仪



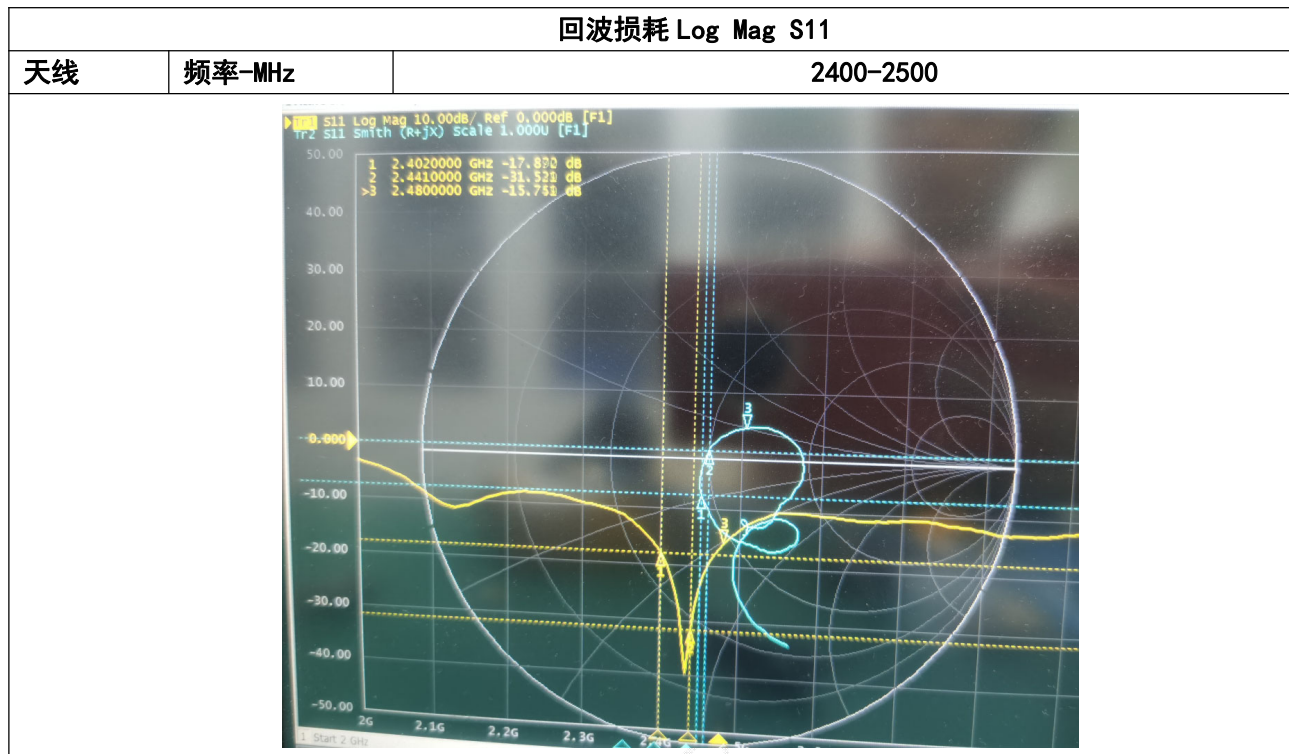
Agilent 安捷伦网络分析仪



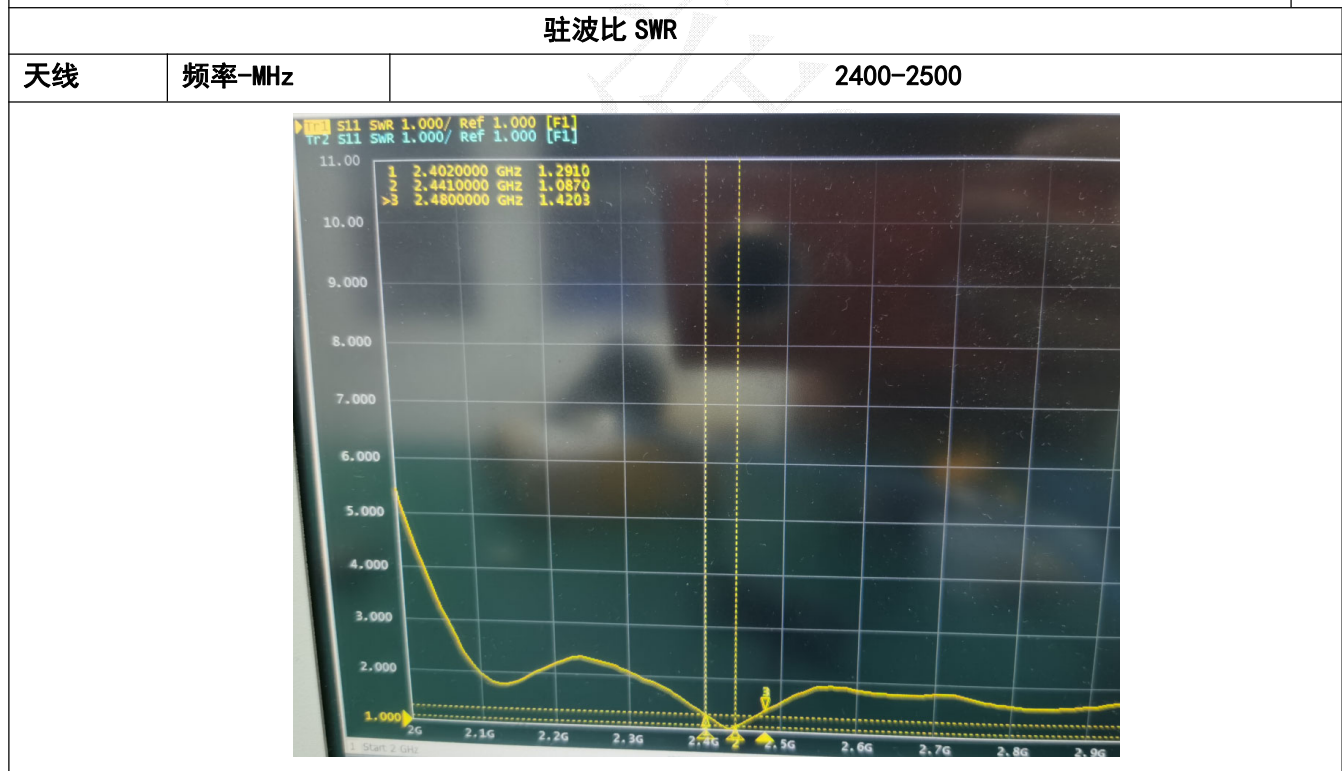
电性能测试结果

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	0.14	
				2440	0.43	
				2480	0.47	
4	回波损耗	dB	≤ -6	2400	-17.8	
				2440	-31.5	
				2480	-15.7	
4	驻波比	dB	/	2400	1.29	
				2440	1.08	
				2480	1.42	

回波损耗 Log Mag S11



驻波比 SWR

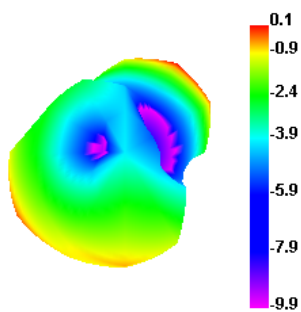


辐射参数测试

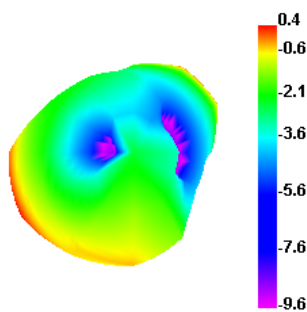
天线

辐射方向图 (2.4G)

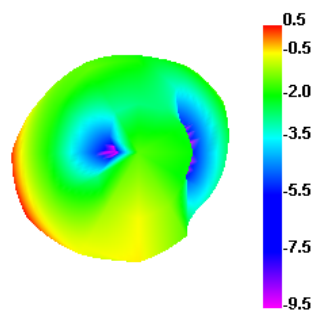
2400.000MHz



2440.000MHz

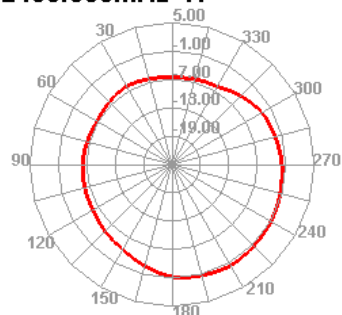


2480.000MHz

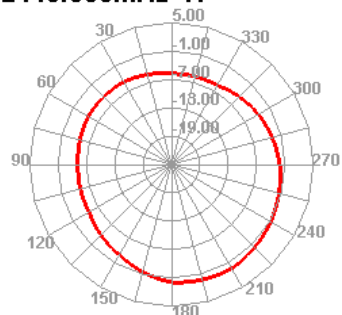


水平面

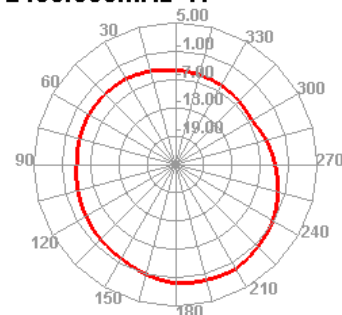
2400.000MHz H



2440.000MHz H

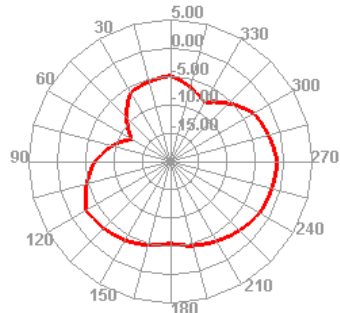


2480.000MHz H

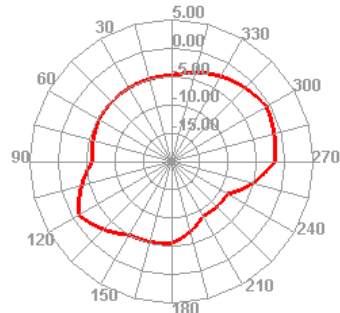


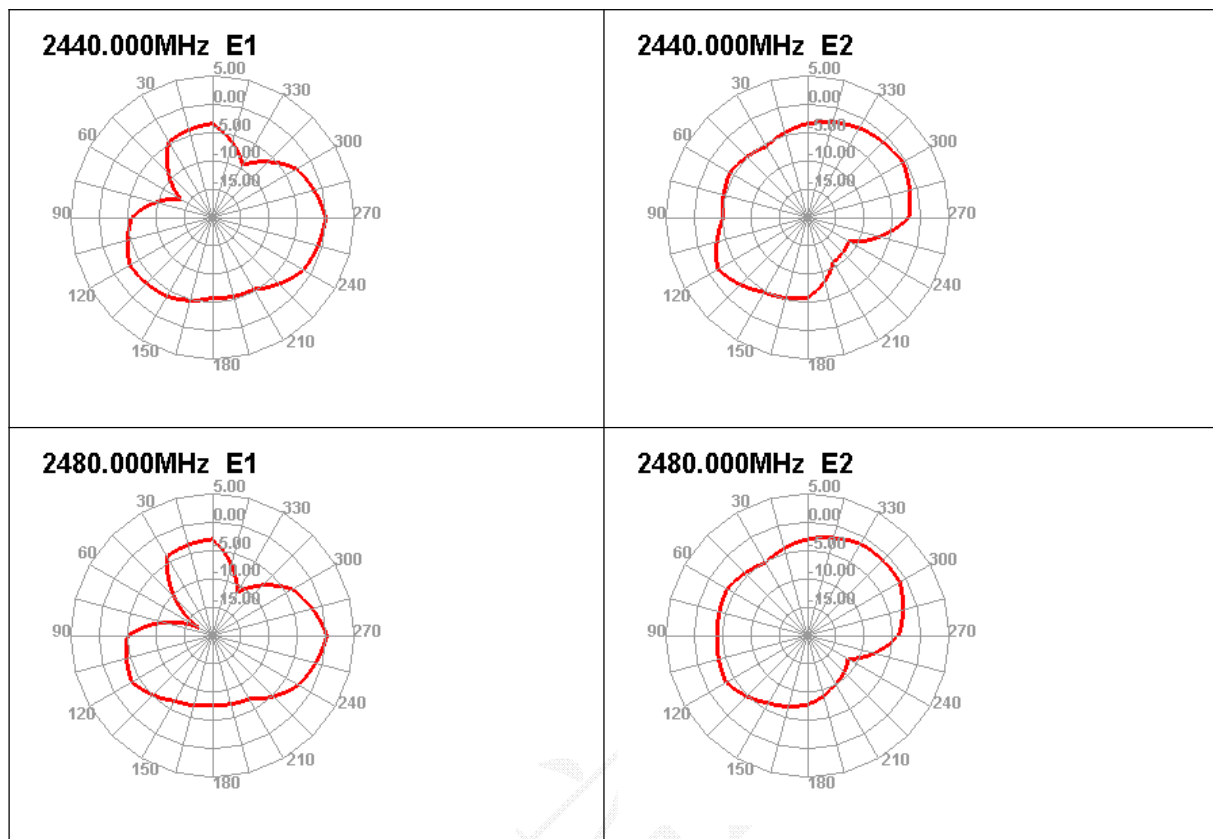
垂直面

2400.000MHz E1



2400.000MHz E2





天线无源效率

Frequency	E Total. dB(dBi)	Efficiency(%)
2400MHz	0.14	41.72
2410MHz	-0.24	37.06
2420MHz	-0.24	37.73
2430MHz	-0.07	38.95
2440MHz	0.43	42.96
2450MHz	0.59	43.43
2460MHz	0.47	41.93
2470MHz	0.31	38.89
2480MHz	0.47	39.23
2490MHz	0.74	40.97
2500MHz	0.65	40.79