

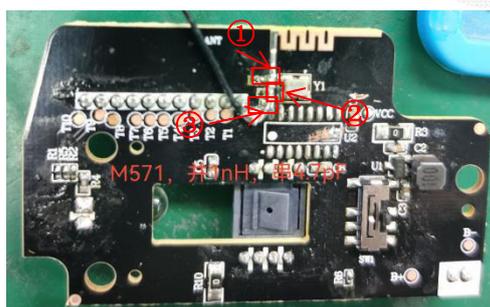
# ANTENNA Specification

产品名称	M571
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## Summary

ITEM	SPEC.
Model Name	BT 2.4 GHz
MAX. GAIN	-1.05dBi
Polarization	Horizontal
Impedance	50 Ω
Antenna Type	PCB 板载天线
Manufacturer	

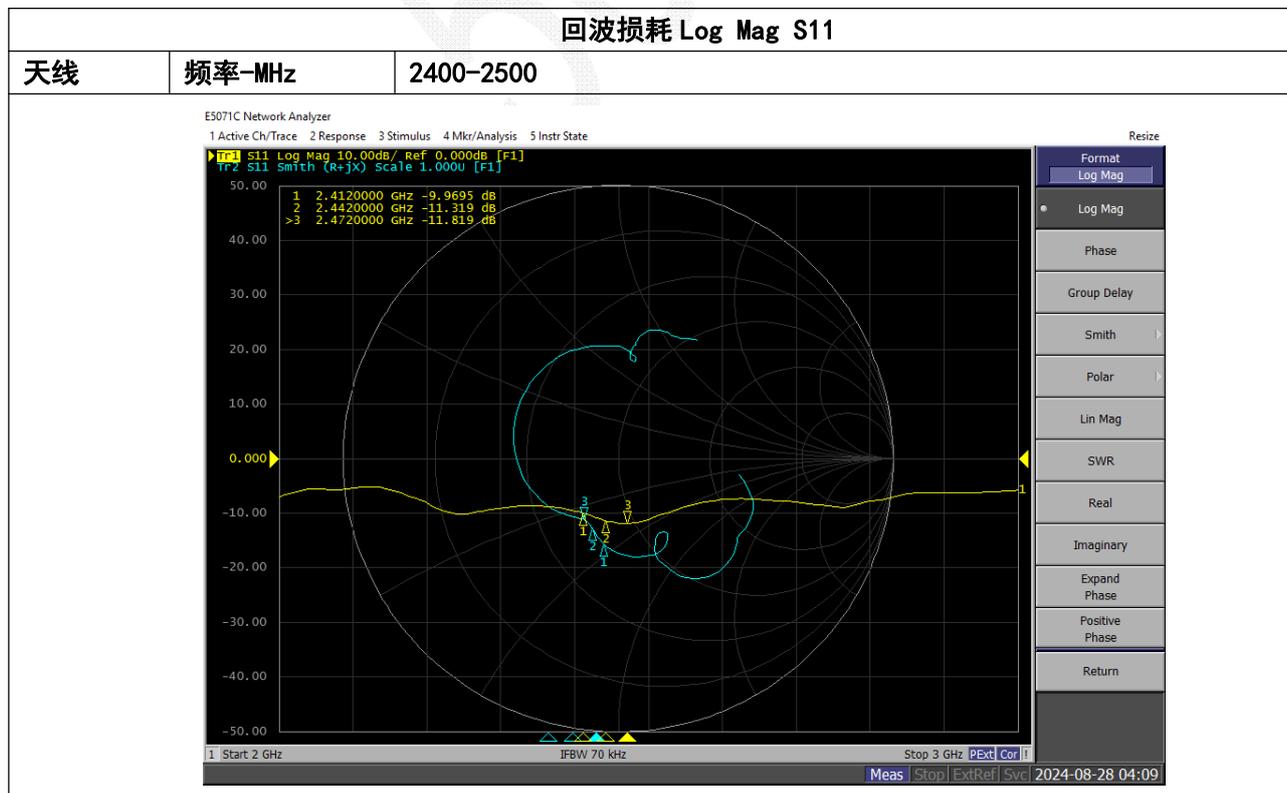
## Antenna Photo & Length (mm)

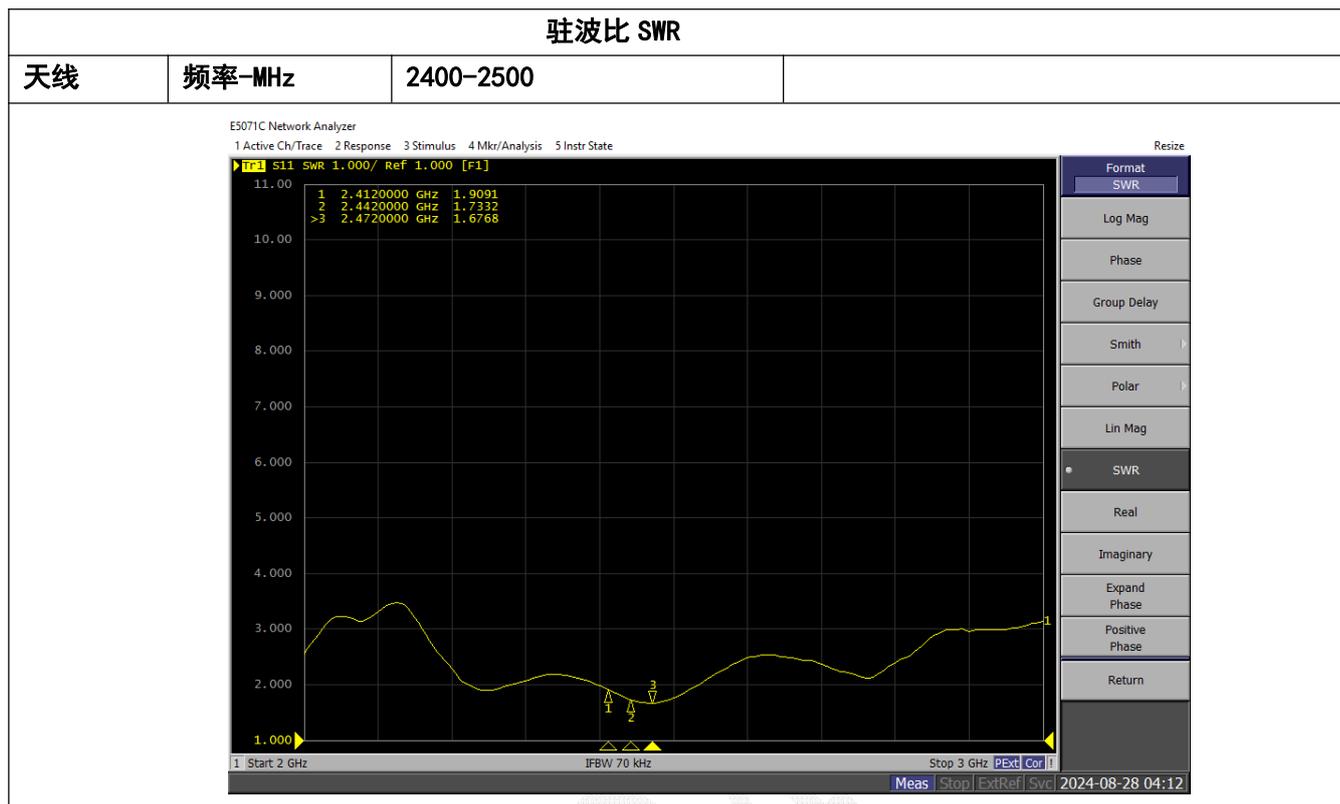


位号	①	②	③
数值	1nH	4.7pF	NC

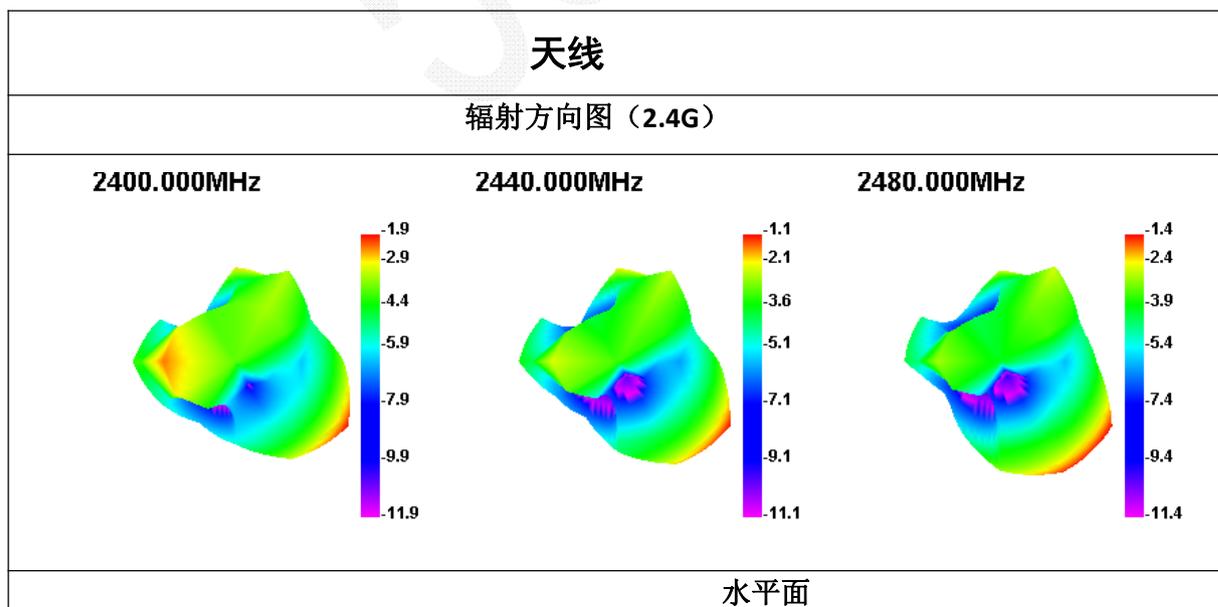
### 电性能测试结果

天线指标						
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	2400-2483		OK
2	增益	dBi	/	2400	-1.91	
				2440	-1.05	
				2480	-1.39	
4	回波损耗	dB	$\leq -10$	2400	-9.96	
				2440	-11.31	
				2480	-11.81	
4	驻波比	dB	/	2400	1.90	
				2440	1.73	
				2480	1.67	

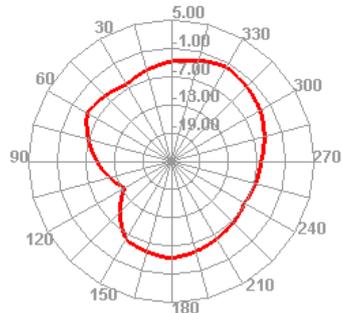




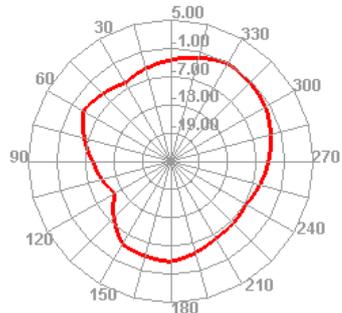
### 辐射参数测试



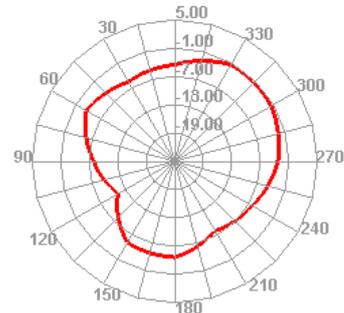
2400.000MHz H



2440.000MHz H

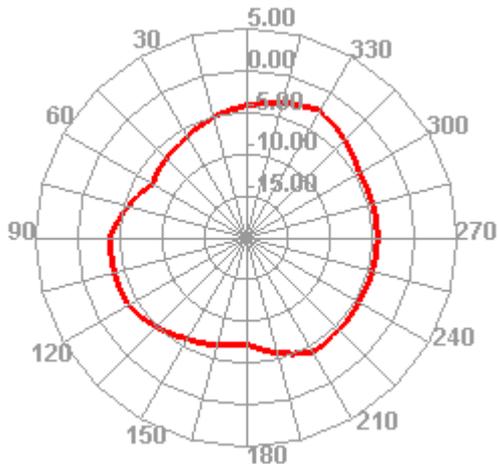


2480.000MHz H

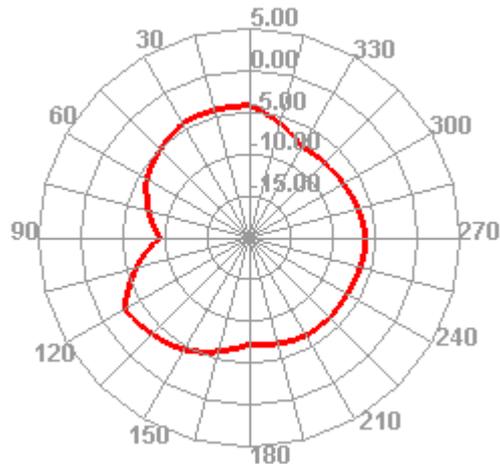


垂直面

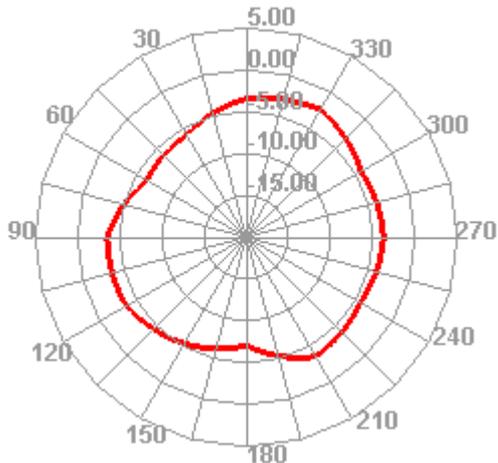
2400.000MHz E1



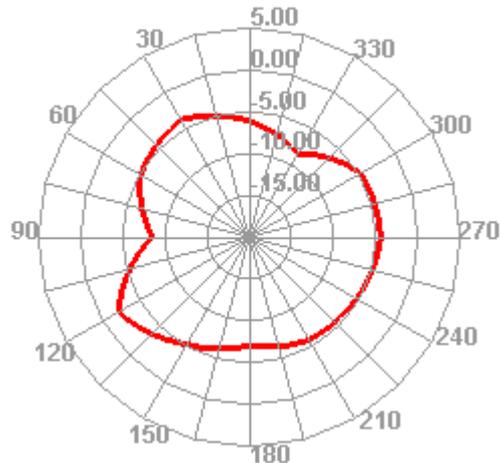
2400.000MHz E2

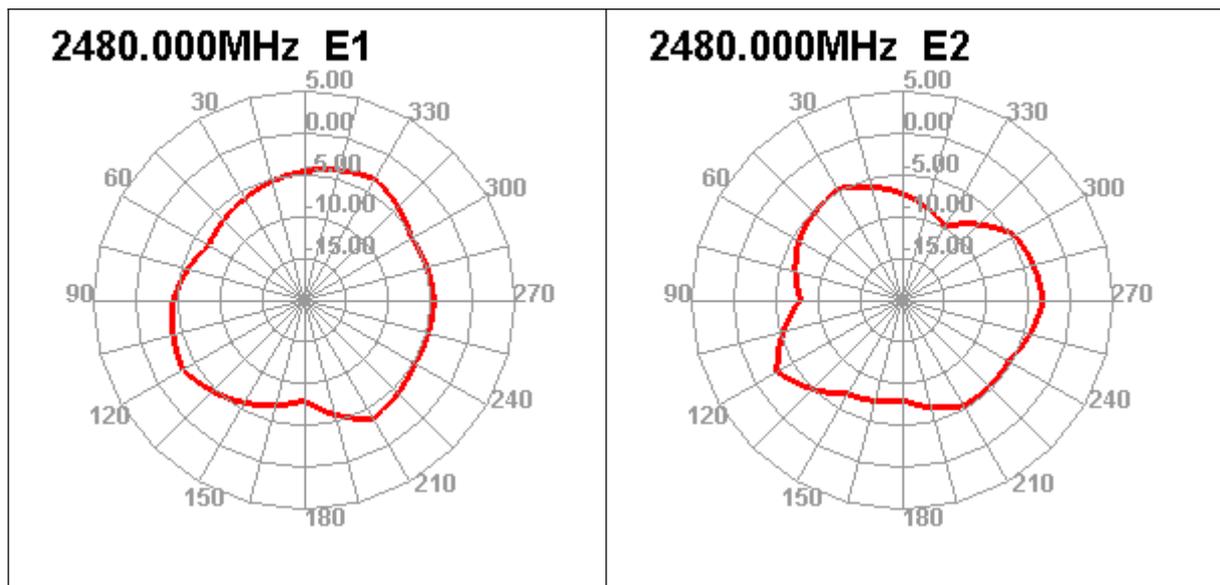


2440.000MHz E1



2440.000MHz E2





天线无源效率		
Frequency	E Total. dB(dBi)	Efficiency(%)
2400MHz	-1.91	28.26
2410MHz	-2.27	26.15
2420MHz	-2.09	27.04
2430MHz	-1.27	31.29
2440MHz	-1.05	32.63
2450MHz	-1.22	31.69
2460MHz	-1.15	32.07
2470MHz	-1.11	32.59
2480MHz	-1.39	30.38
2490MHz	-0.98	32.38
2500MHz	-0.28	36.54