

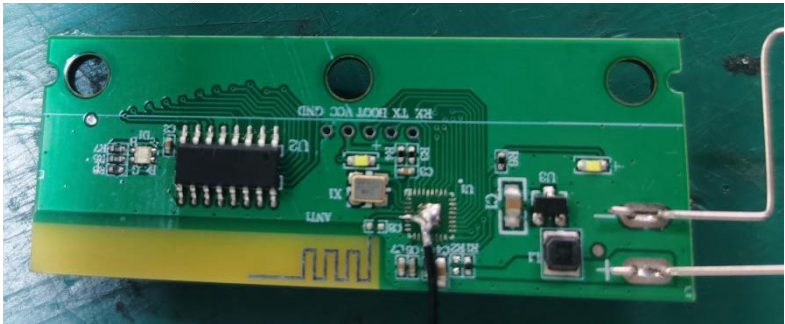
ANTENNA Specification

产品名称	Ku004 双模
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Summary

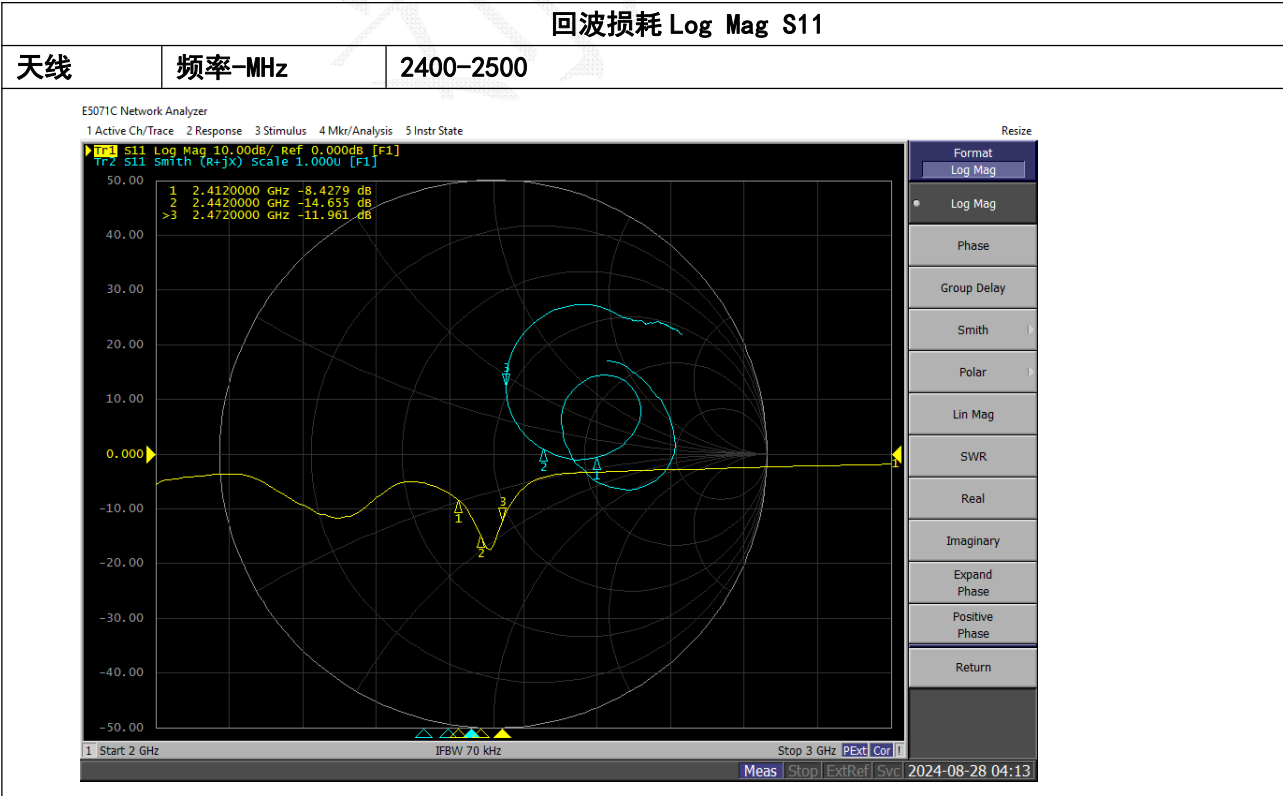
ITEM	SPEC.
Model Name	BT 2.4 GHz
MAX. GAIN	-5.49dBi
Polarization	Horizontal
Impedance	50 Ω
Antenna Type	PCB 板载天线
Manufacturer	

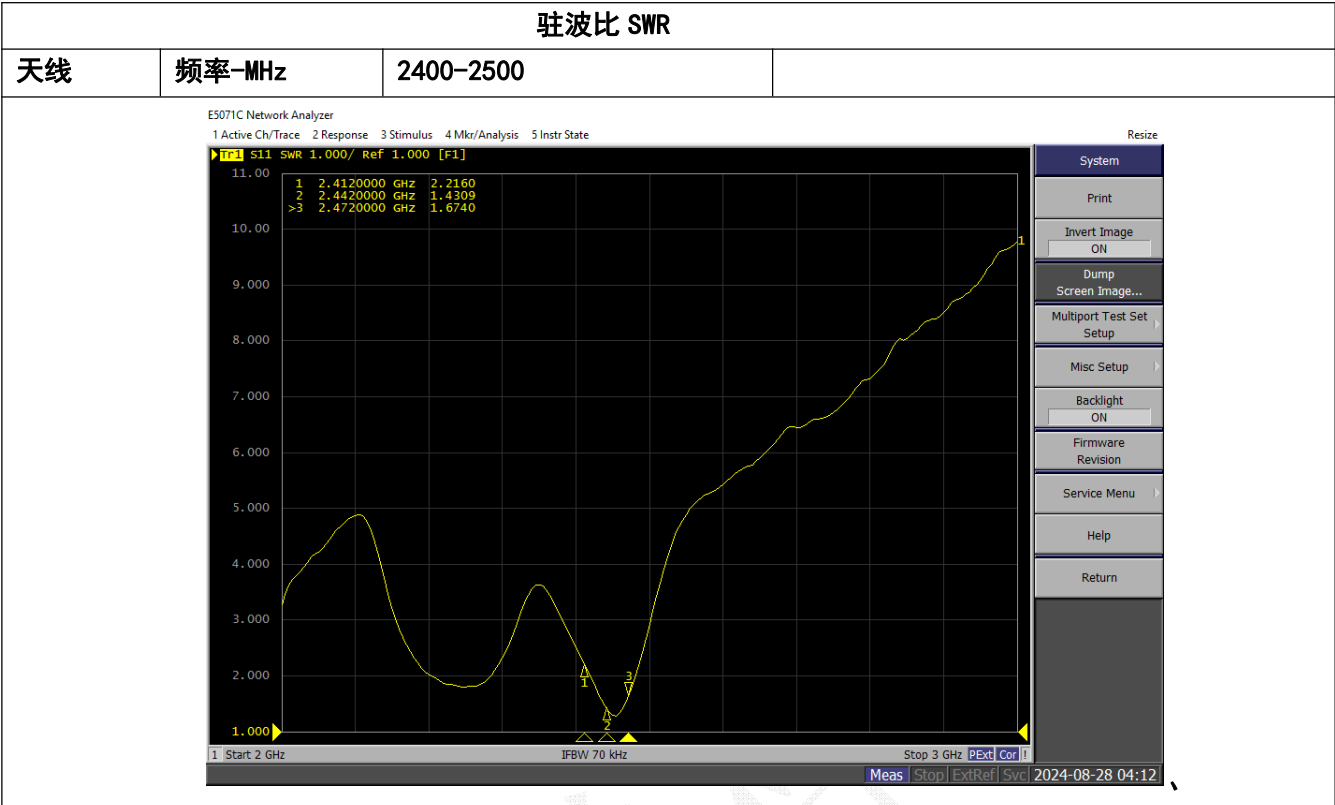
Antenna Photo & Length (mm)



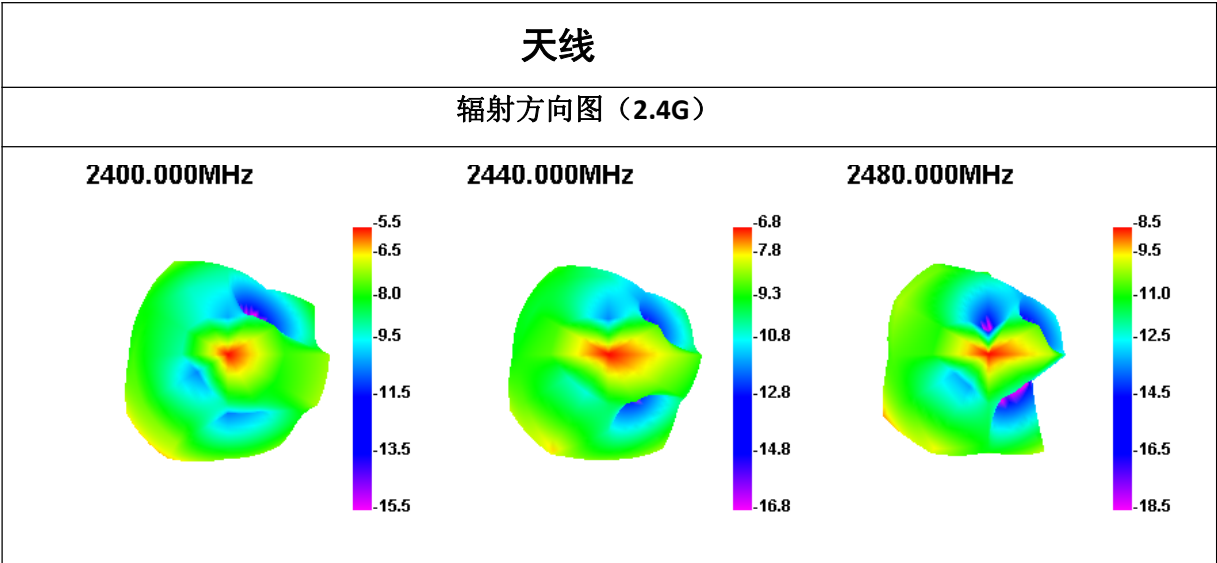
电性能测试结果

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	-5.49	
				2440	-6.83	
				2480	-8.53	
4	回波损耗	dB	≤ -10	2400	-8.42	
				2440	-14.65	
				2480	-11.96	
4	驻波比	dB	/	2400	2.21	
				2440	1.43	
				2480	1.67	



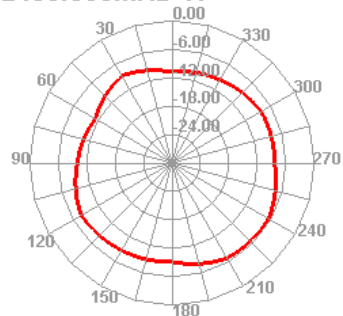


辐射参数测试

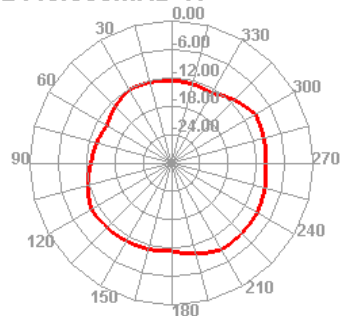


水平面

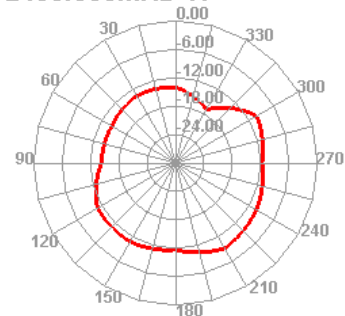
2400.000MHz H



2440.000MHz H

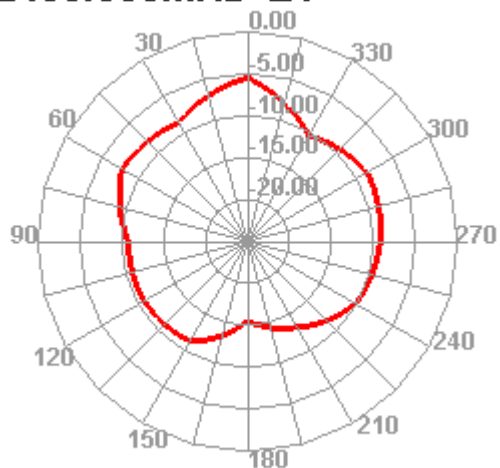


2480.000MHz H

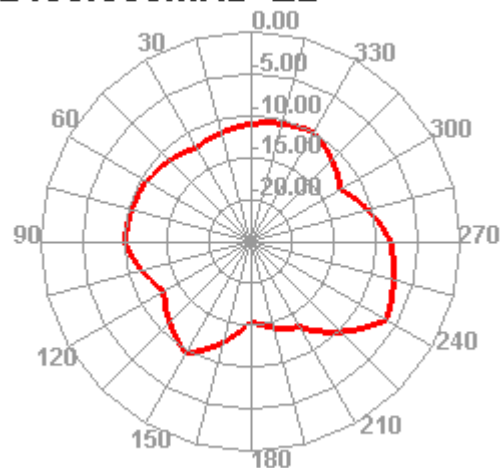


垂直面

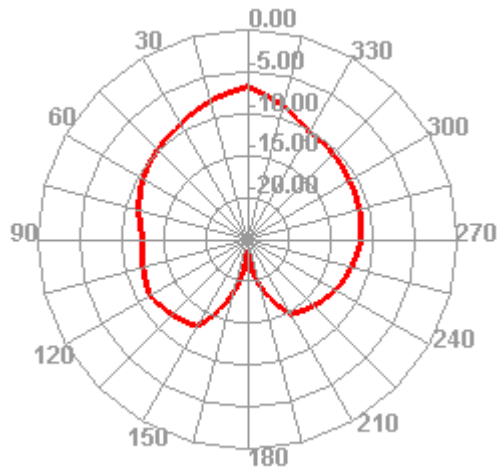
2400.000MHz E1



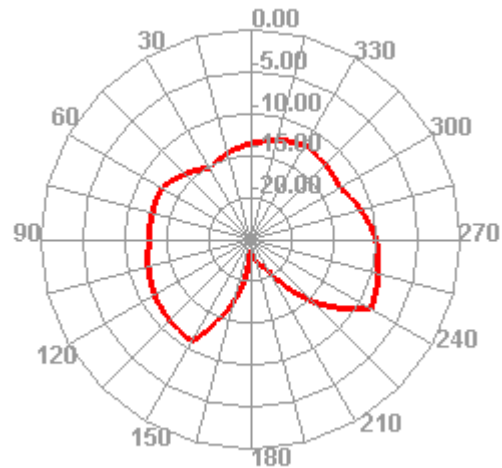
2400.000MHz E2

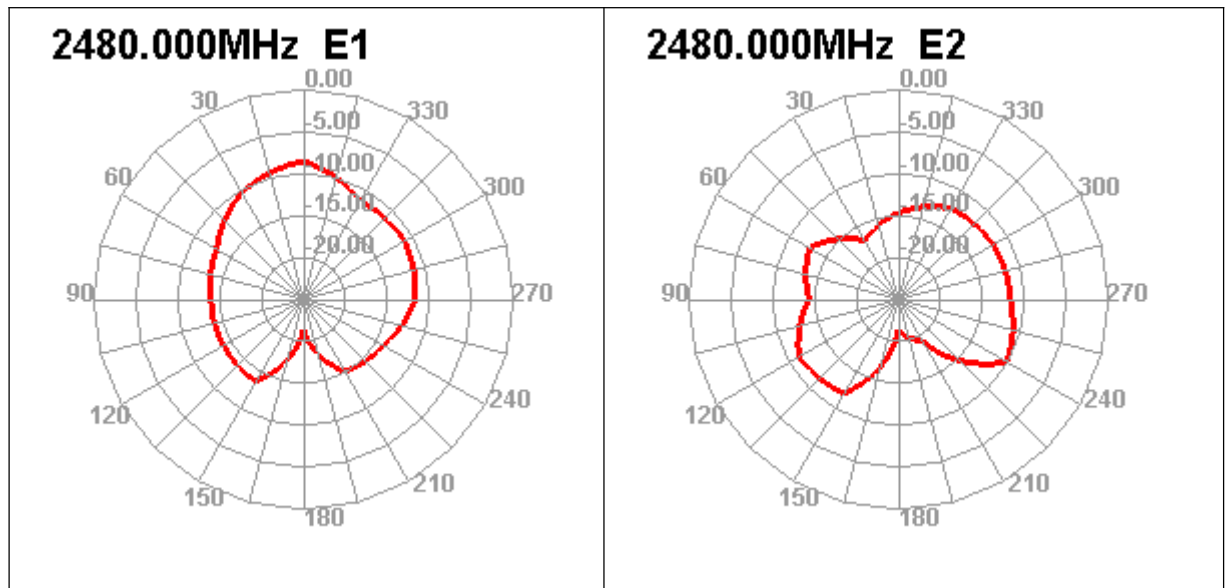


2440.000MHz E1



2440.000MHz E2





天线无源效率

Frequency	E Total. dB(dBi)	Efficiency(%)
2400MHz	-5.49	11.11
2410MHz	-6.41	8.39
2420MHz	-6.44	7.67
2430MHz	-6.19	7.9
2440MHz	-6.83	6.81
2450MHz	-6.94	6.84
2460MHz	-7.93	5.62
2470MHz	-7.83	6.17
2480MHz	-8.53	5.51
2490MHz	-7.84	6.68
2500MHz	-7.87	6.94