

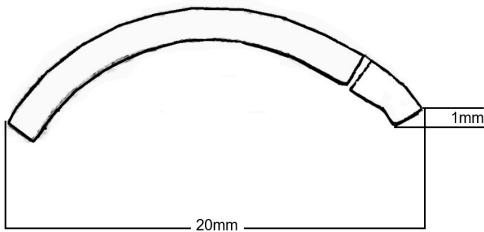
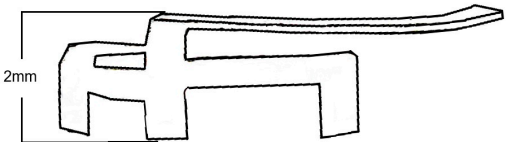
ANTENNA TEST REPORT

产品名称	FT309
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Summary

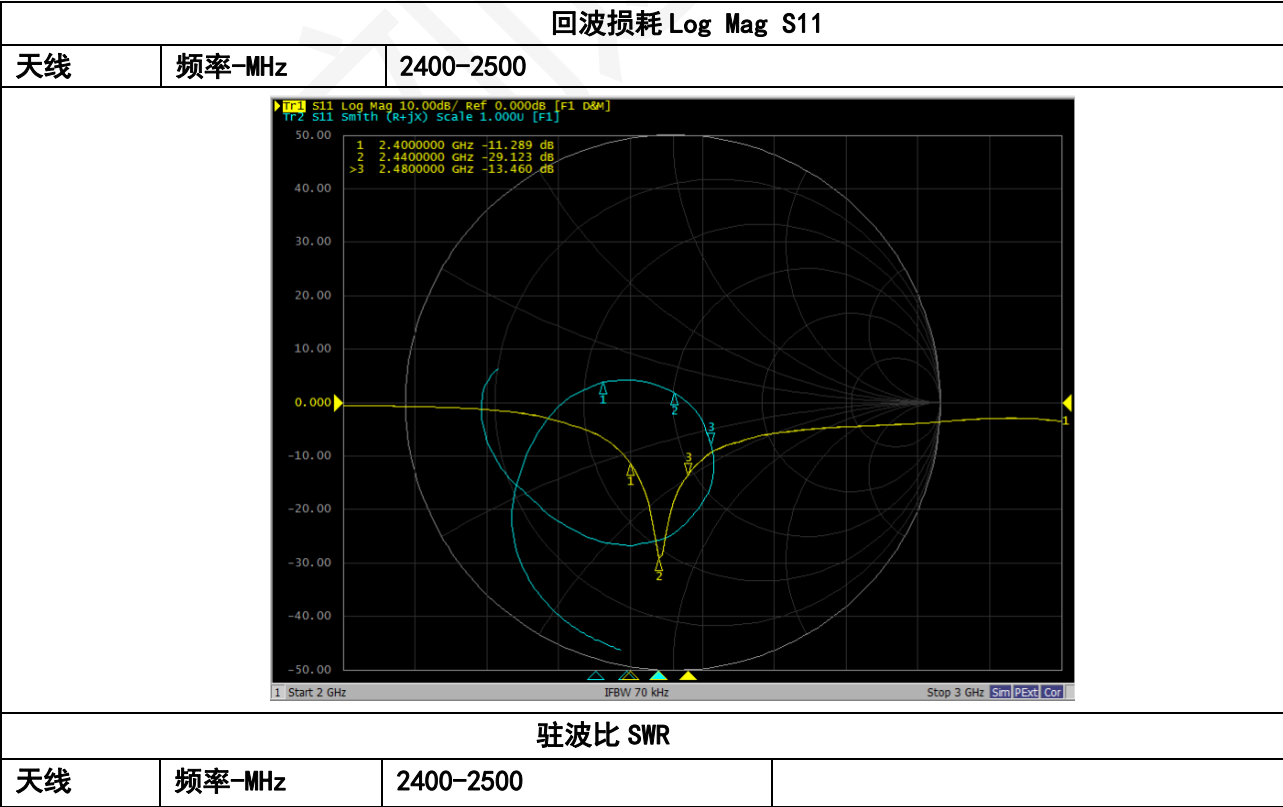
ITEM	SPEC.
Model Name	BT 2.4 GHz
MAX. GAIN	0.2dBi
Polarization	Horizontal
Impedance	50 Ω
Antenna Type	金属天线
Manufacturer	

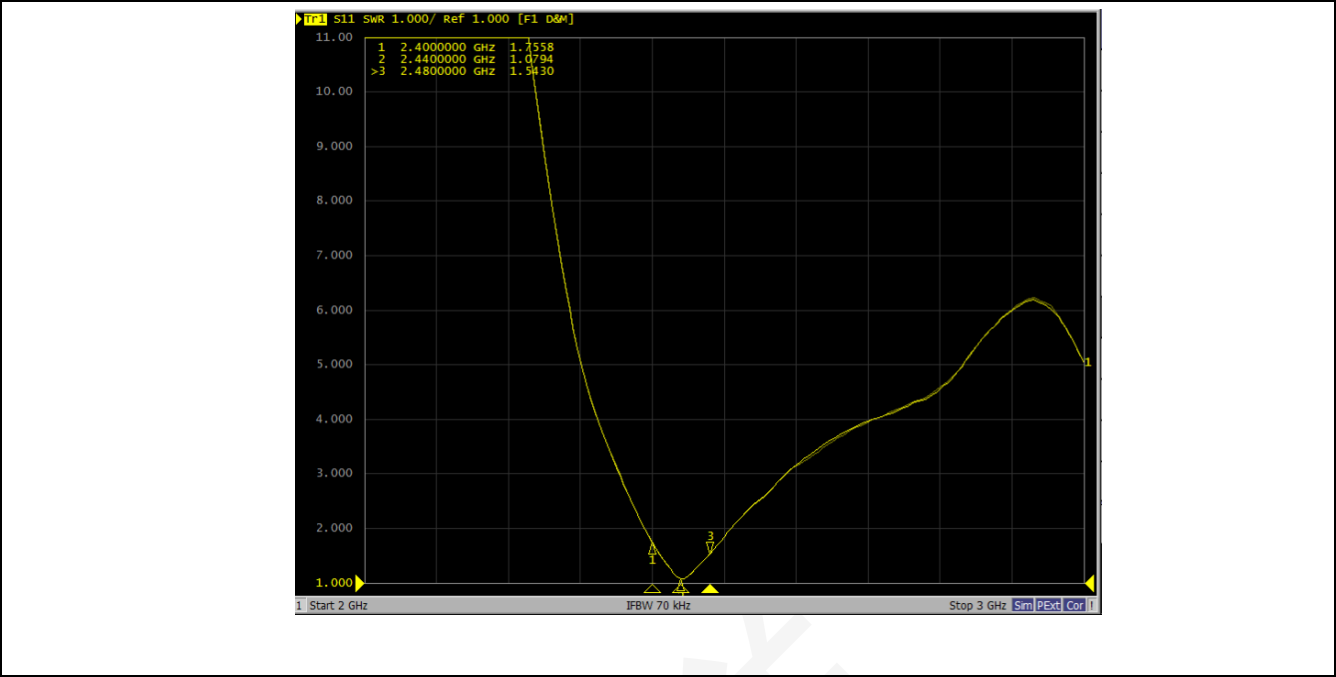
Antenna Photo & Length (mm)



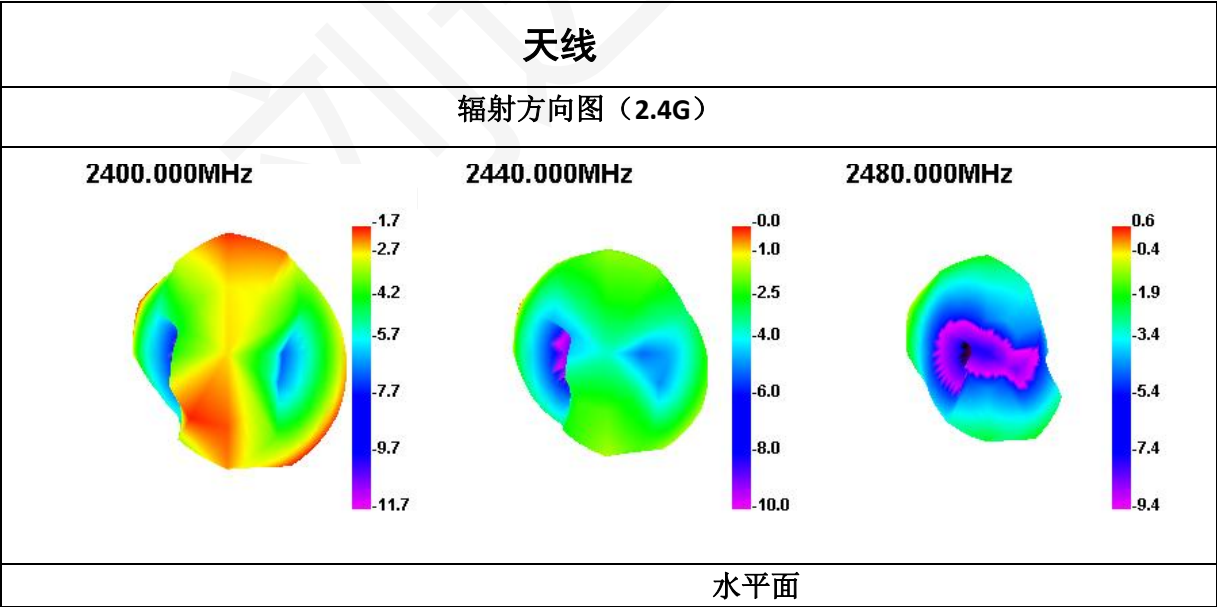
电性能测试结果

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	-3.03	
				2440	-1.05	
				2480	0.2	
4	回波损耗	dB	≤ -10	2400	-11.2	
				2440	-29.1	
				2480	-13.4	
4	驻波比	dB	/	2400	1.75	
				2440	1.07	
				2480	1.54	

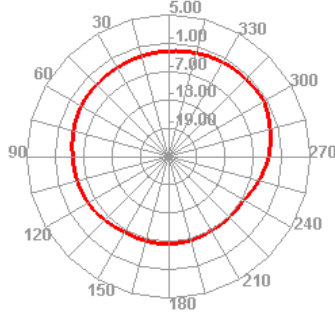




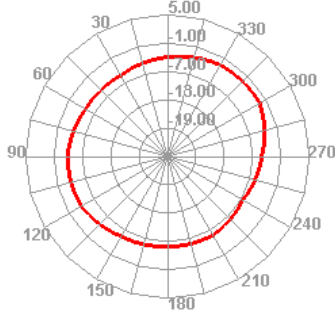
辐射参数测试



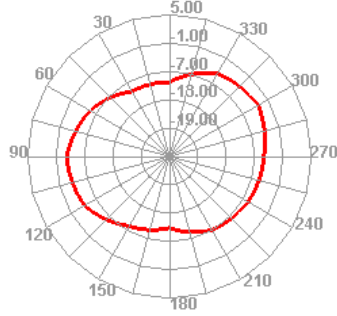
2400.000MHz H



2440.000MHz H

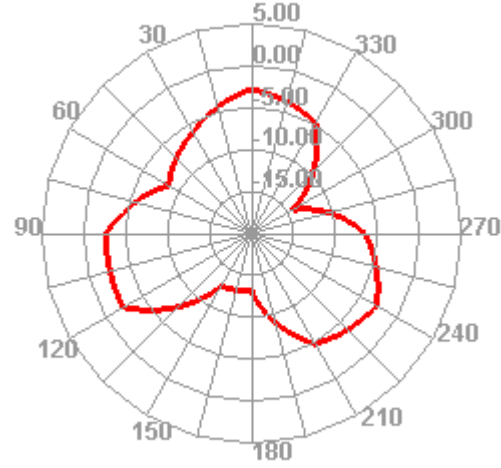


2480.000MHz H

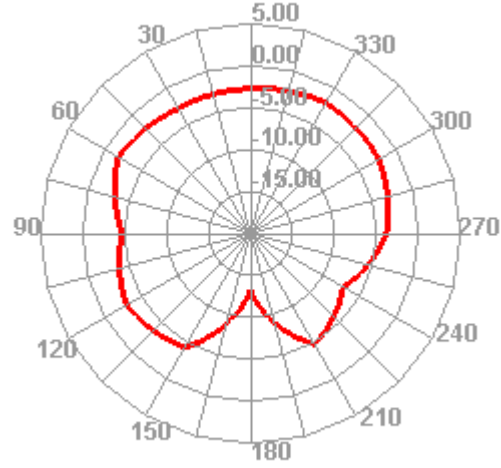


垂直面

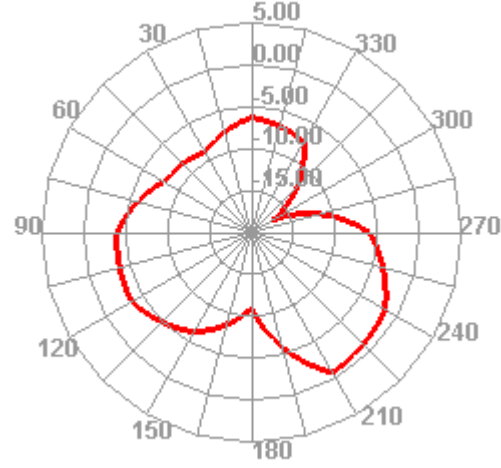
2400.000MHz E1



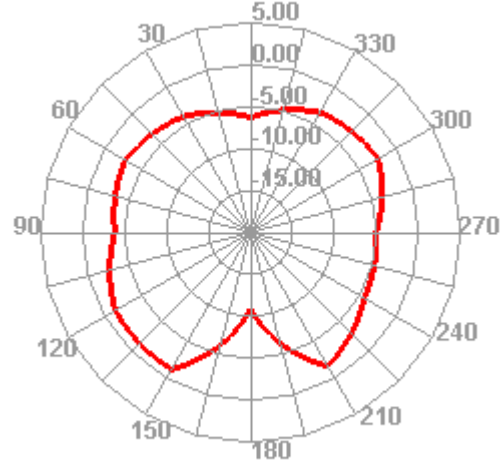
2400.000MHz E2

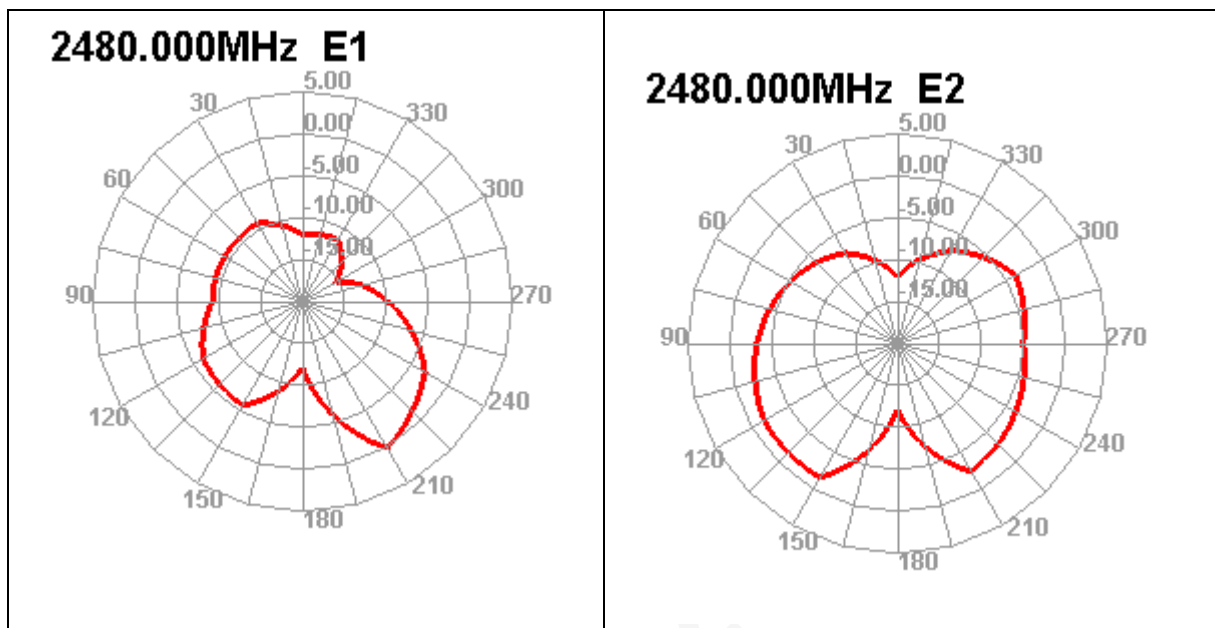


2440.000MHz E1



2440.000MHz E2





天线无源效率		
Frequency	E Total. dB(dBi)	Efficiency(%)
2400MHz	-3.03	22.83
2410MHz	-2.55	25.23
2420MHz	-2.06	28.56
2430MHz	-1.52	32.14
2440MHz	-1.05	35.05
2450MHz	-0.49	38.09
2460MHz	-0.15	40.86
2470MHz	0.05	42.29
2480MHz	0.2	43.46
2490MHz	0.4	44.17
2500MHz	0.36	43.82

天线设计