

东莞市唯新实业有限公司

Dongguan Weixin Industry Co., Ltd

天线规格书

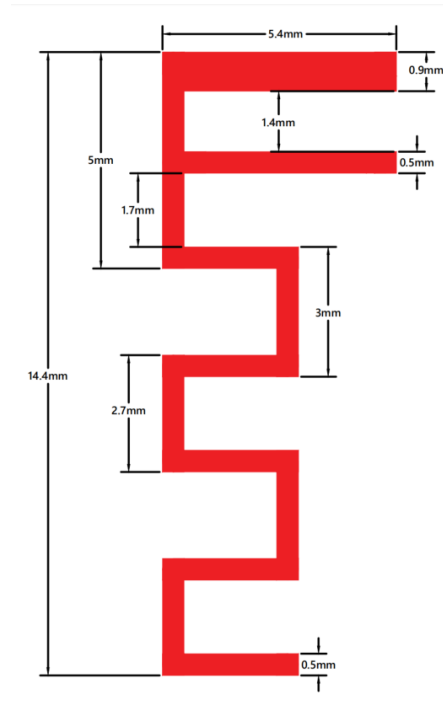
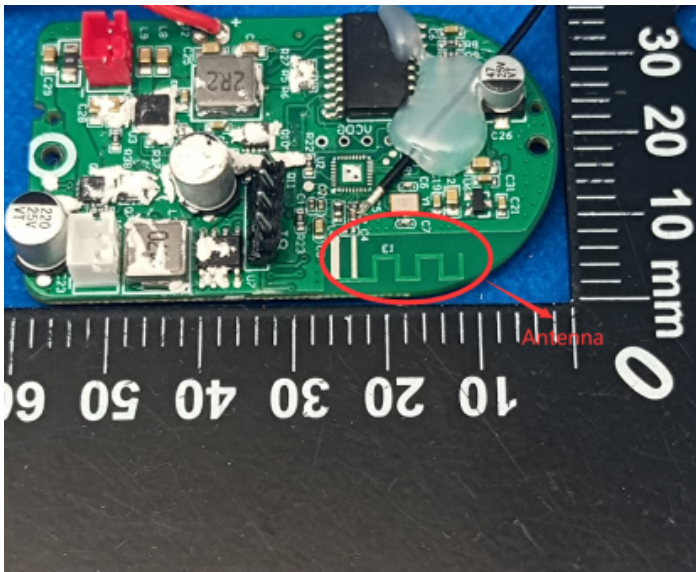
Antenna specifications

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一.产品图片,尺寸 (Product pictures, size)



二、产品参数 (Product Parameters)

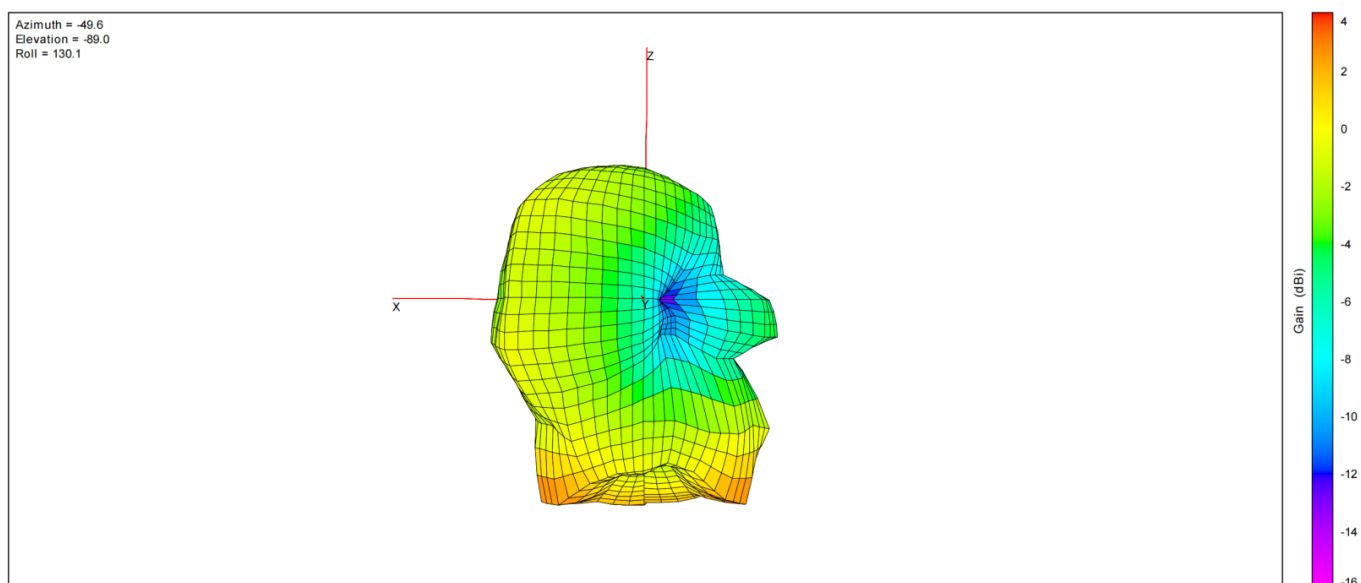
产品测试参数 (Product test parameters)			
产品名称(Name)	板载天线 (Onboard antenna)	产品型号(Model Type)	FAN-L
电性能指标 (Electrical Specifications)			
频率范围 (Frequency Range)	2400-2500MHz	极化方式 (Polarization)	水平 (level)
输入阻抗(Impedance)	50 Ω	辐射方向 (Radiation direction)	全向 (Omnidirectional)
驻波比 (VSWR)	2.0	功率容量(Power)	40mW
增益(Gain)	3.53DB	带宽 (Bandwidth)	136/980MHz
机械指标 (Mechanical Specifications)			
尺寸 (Dimensions)	5.4*14.4mm	天线颜色(Radome Color)	绿色 (green)
连接器型号 (Connector)		引线长度(Cable Length)	
外壳材料 Radome Material			
工作温度 (Working Temperature)	-10°C--+60°C	存放温度 (Limit Temperature)	-10°C--+30°C

三、增益(Gain).效率(efficiency).方向图(direction map)

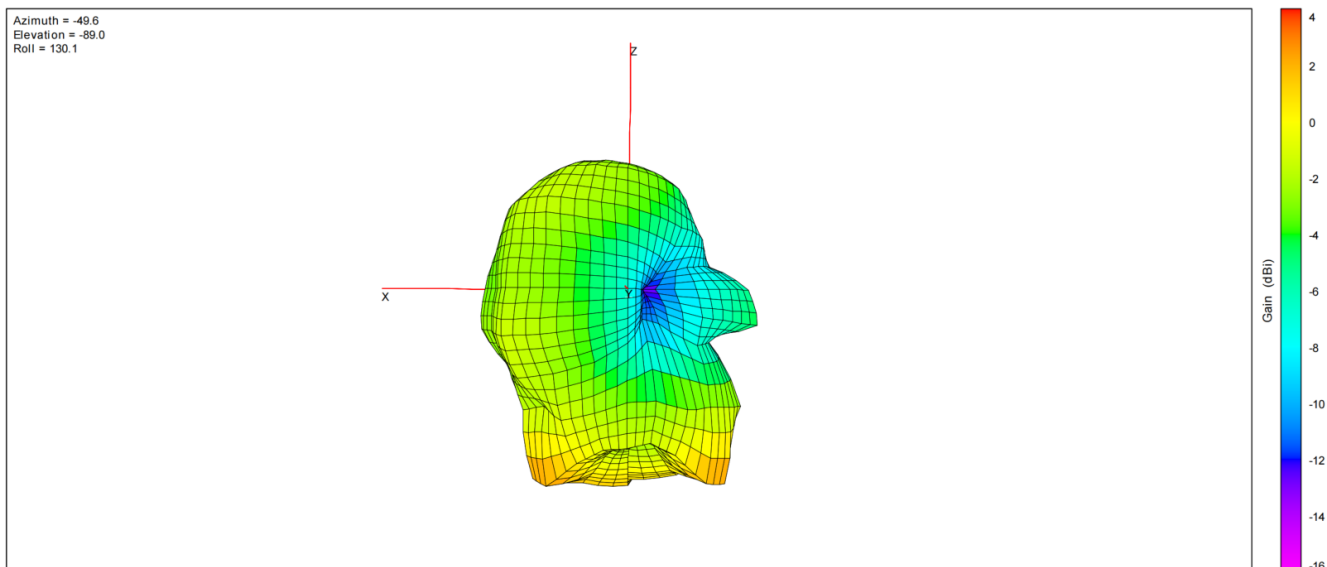
增益,效率(gain,efficiency)

Frequency (MHz)	Efficiency (%)	Gain (dB)
2400	38.17%	3.53
2410	37.90%	3.42
2420	36.57%	3.26
2430	35.03%	3.13
2440	34.26%	3.01
2450	33.82%	2.84
2460	33.08%	2.55
2470	31.39%	2.23
2480	29.90%	2.00
2490	28.23%	1.67
2500	27.44%	1.50

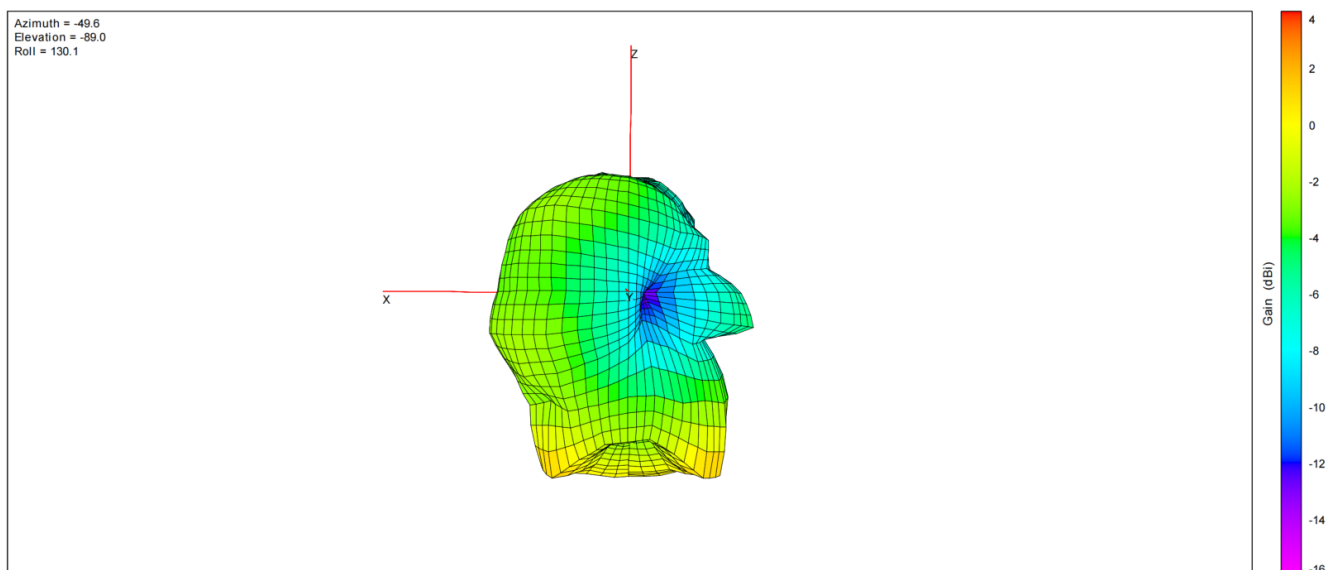
苹果图(apple diagram)



2400MHz



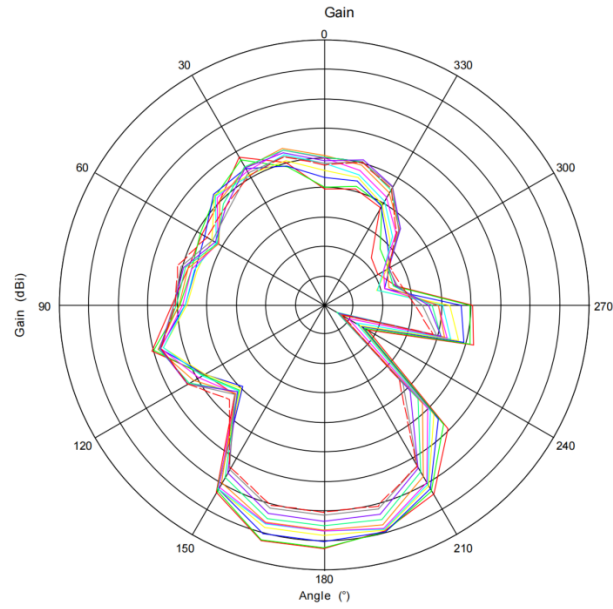
2440MHz



2480MHz

方向图(direction map)

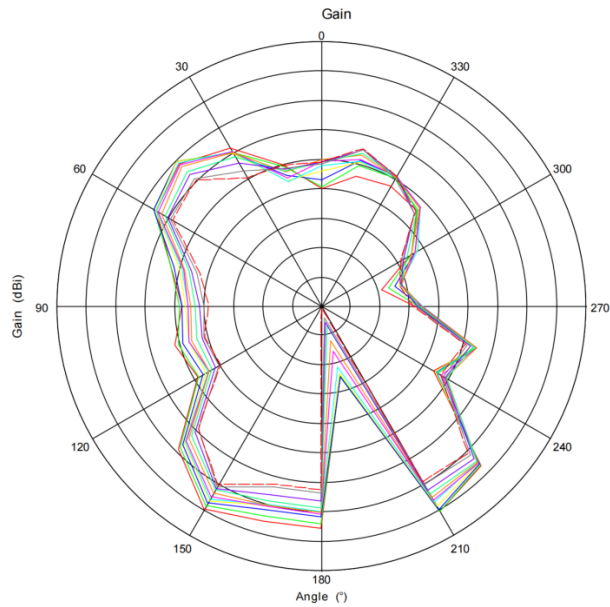
Phi=0°



Max: 2
Min: -16
Scale: 2/div

2400 MHz
2410 MHz
2420 MHz
2430 MHz
2440 MHz
2450 MHz
2460 MHz
2470 MHz
2480 MHz
2490 MHz
2500 MHz

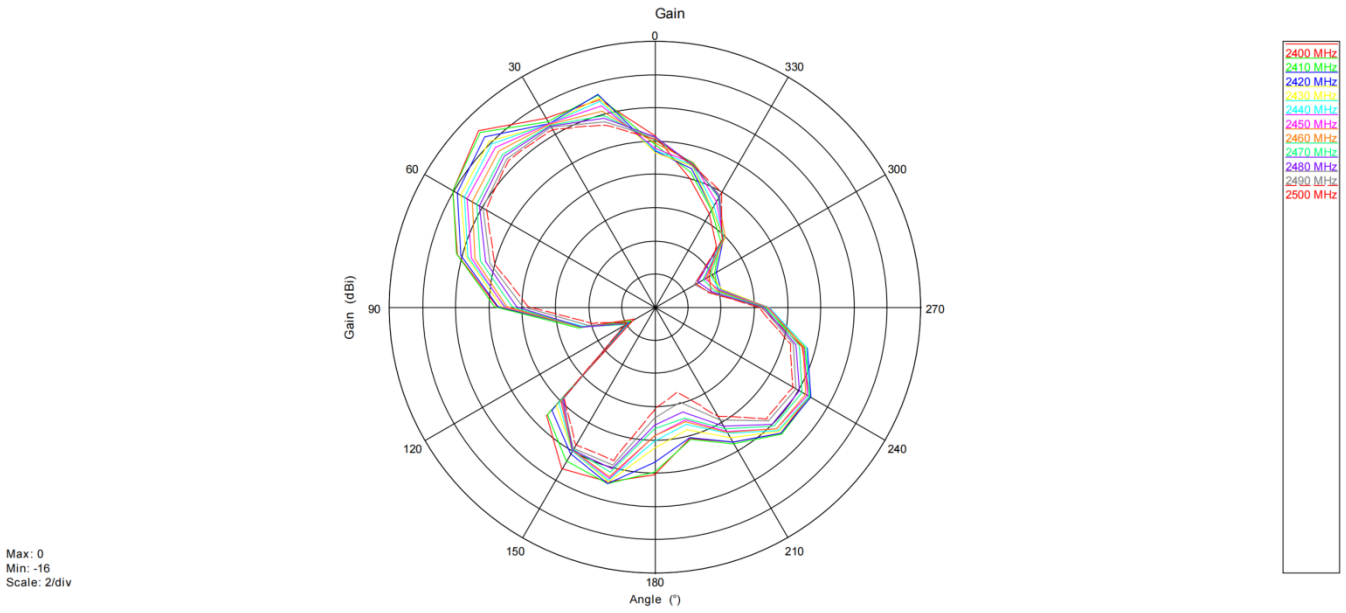
Phi=90°



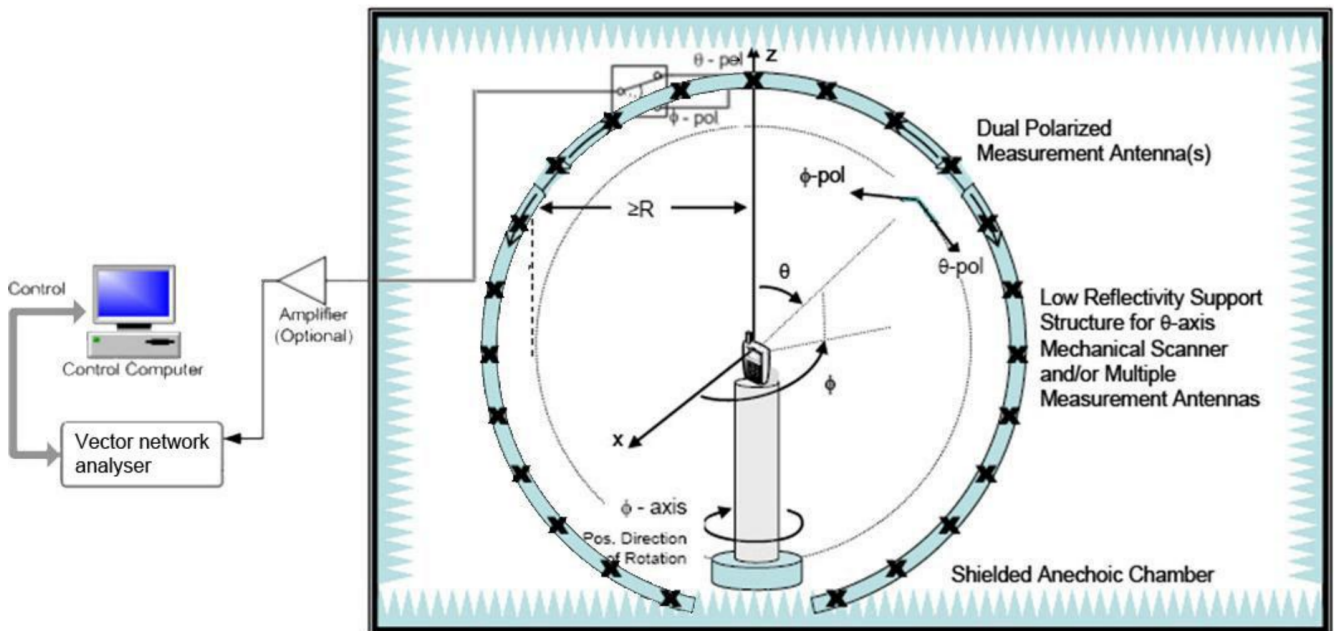
Max: 2
Min: -16
Scale: 2/div

2400 MHz
2410 MHz
2420 MHz
2430 MHz
2440 MHz
2450 MHz
2460 MHz
2470 MHz
2480 MHz
2490 MHz
2500 MHz

Theta=90°



测试连接系统(Test connection system)



测试机构 (testing agency) :

Shenzhen Morlab Communications Technology Co., Ltd