

深圳市天联凌科技有限公司

Shenzhen SKYLink Technology Co.,Ltd

天线规格承认书Antenna Spec.

编号: SLS0A2020011501

客户名称customer name: _____

项目名称project: Q09-5

产品描述spec.: FPC 1.13mm black, long 60mm

产品料号material: C WF03A. C113. 60B. 1

板本version: V1.0

日期date: 2020-01-15

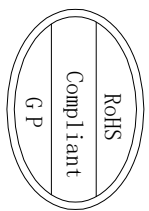
Don't copy

工程engineering	采购purchase	承认recognize

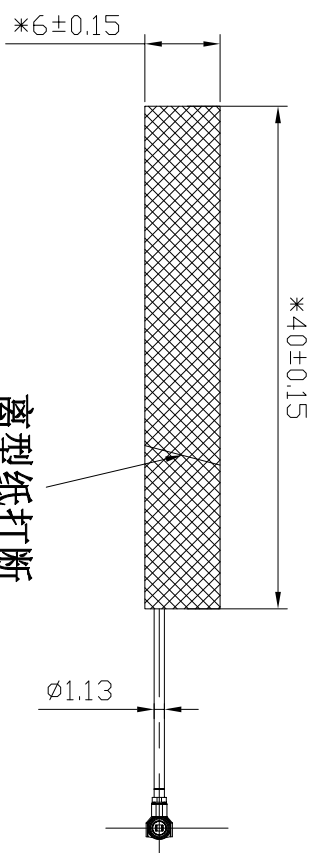
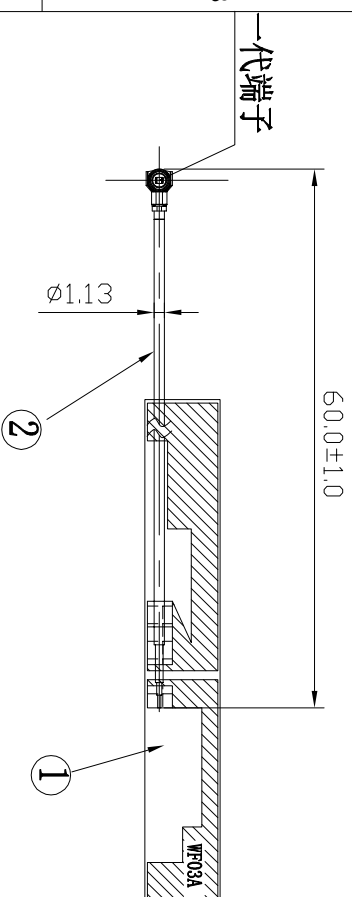
研发R&D	工程engineering	审核review

规格概述

电特性	
频率 frequency range	2400MHz ~2500MHz
电压驻波比VSWR	<2.0
效率efficiency	>30%
增益gain	2dbi
阻抗impedance	50 欧姆 50(Ohm)
极化方式polarization	线极化linearly polarized
材料和机械特性Material and mechanical properties	
材料materials	FPC black
线材类型Type of wire	1.13MM, black
端子类型Connector Types	
图纸尺寸Dimensions	详见图纸See the drawing for details
丝印方式silk-screen	黑底白字white character with black background
环境特性environmental characteristics	
储存温度 storage temperature	- 30 °C ~ + 85 °C
FPC 焊接温度 welding temperature	280±5°C 浸渍时间dipping time:10秒
射频线焊接温度 Rf wire welding temperature	320±5°C 2-3秒



优擎



注:

1. "*"为重点尺寸 ;
2. 未标注尺寸请依图纸;
3. Pb、Hg、Cr+6、PBBS、PBDEs各项小于1000PPM, Cd小于100PPM。

No.	PartName	Material	Colour	Remark
2	端子同轴线	镀银铜丝	黑色	
1	WiFi天线	PPC	黑色	

深 圳 天 联 凌 科 技 有 限 公 司 SHEN ZHEN SKYlink CO., LTD		Project		Date	
Third Angle	0.02	WiFi天线	2021-07-28		
Part Name	0.03	WIFI天线	Designed by		
Part No.	0.02	WFO3A.C113.60B.1	Checked by		
Material	0.04		Approved by		
Location	±0.20 Angle±0.5°	DWG No.	Unit	mm	Scale
					1:1 Rev A

Rev	Description	Date	Remark
1	New drawing		

Rev	Description	Date	Remark
1	New drawing		

● 测试设备与条件 Test equipment and conditions 1

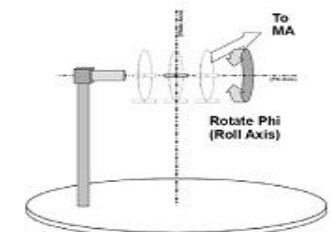
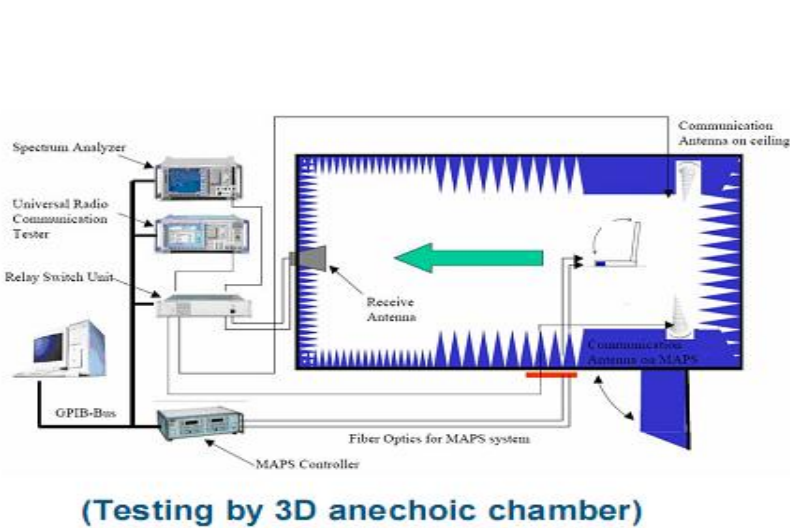
· 网络分析 network analyzer :

Agilent 8753D Agilent 5071B

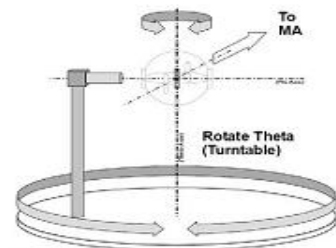
通讯测试设备:

Agilent E5515C R&S CMW500

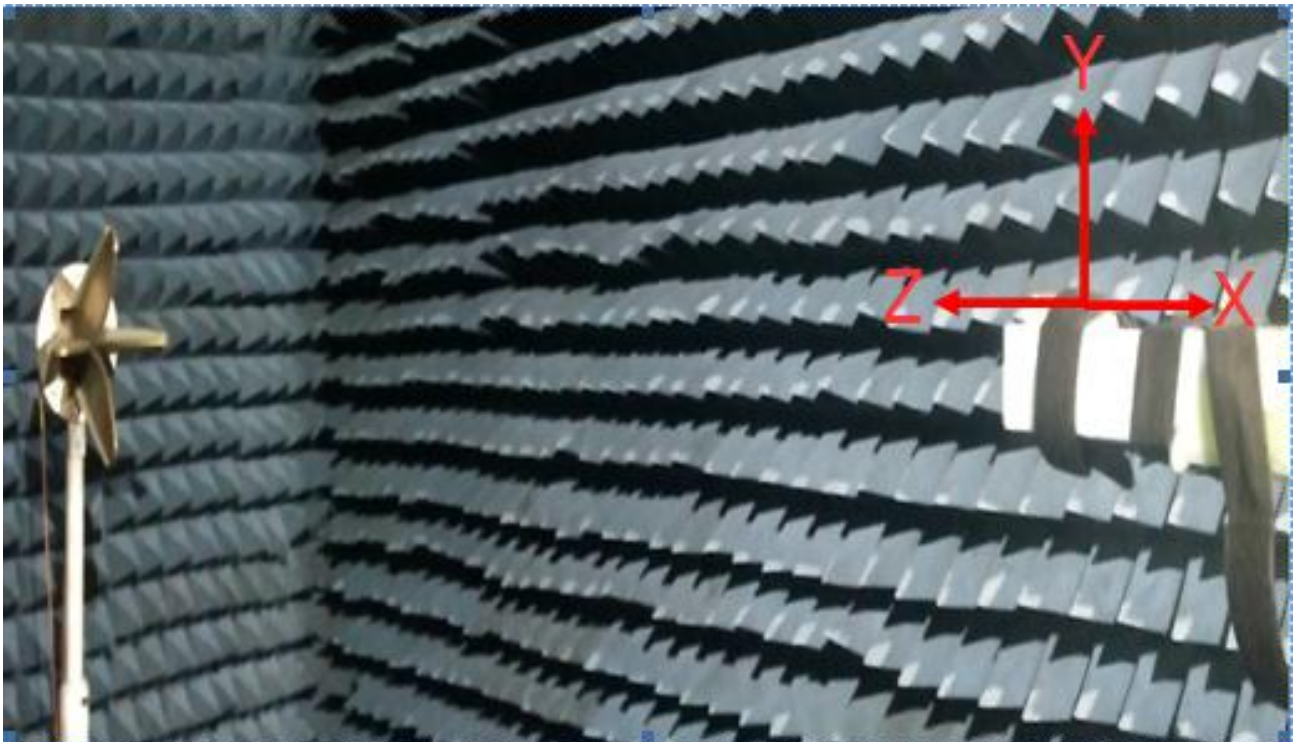
2. 3D测试系统



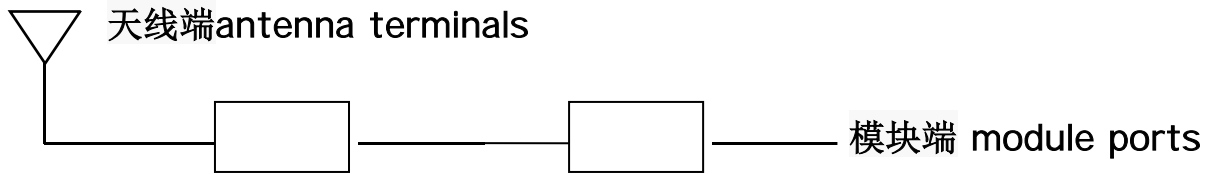
Phi axis test



Theta axis test



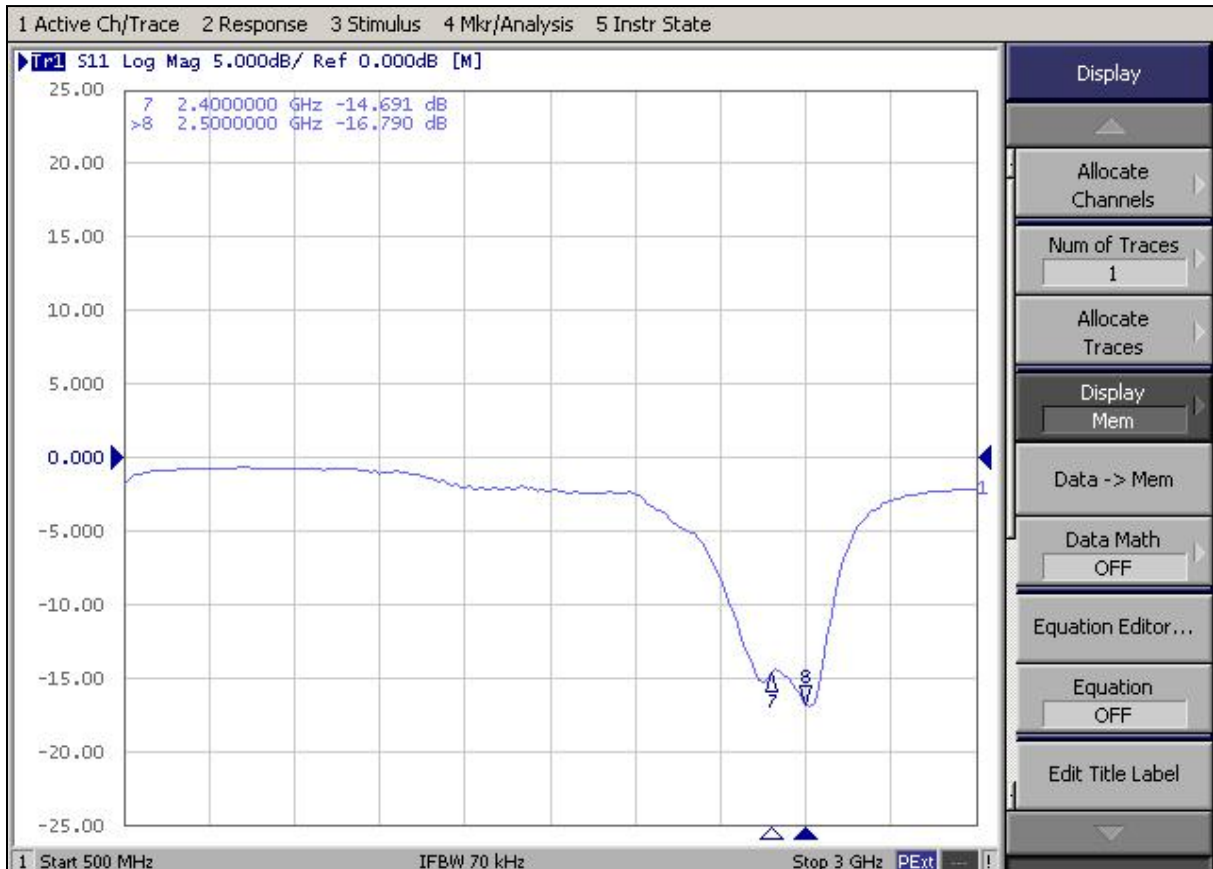
- 匹配电路match circuit



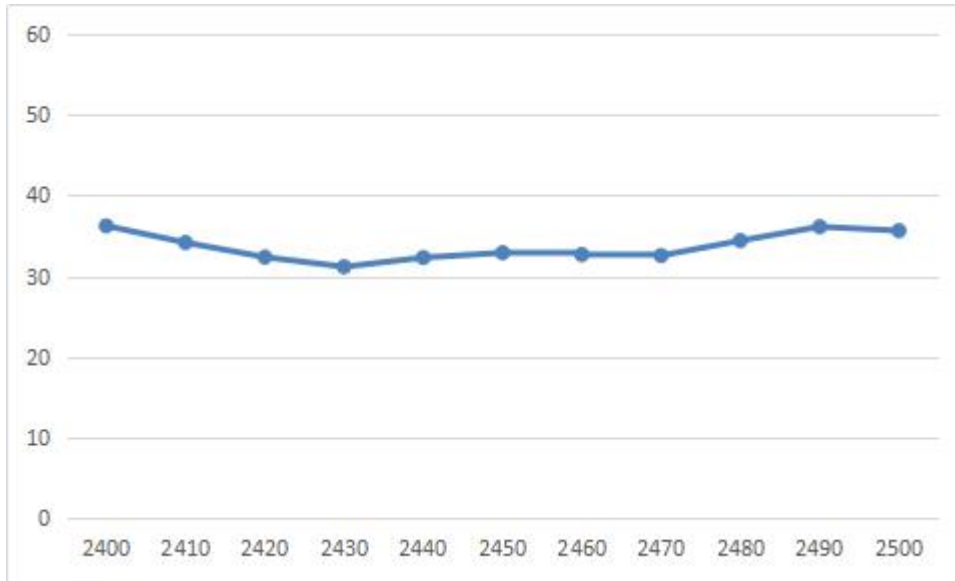
原主板匹配电路不变
Original motherboard
matching circuit unchanged

- 无源测试报告Passive test report

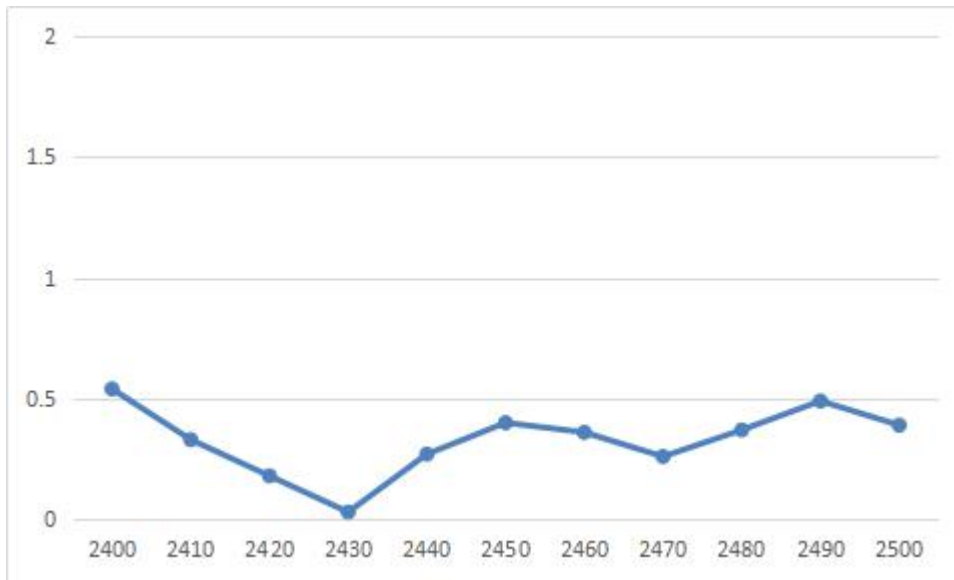
- ◆ 回波损耗图Return loss diagram



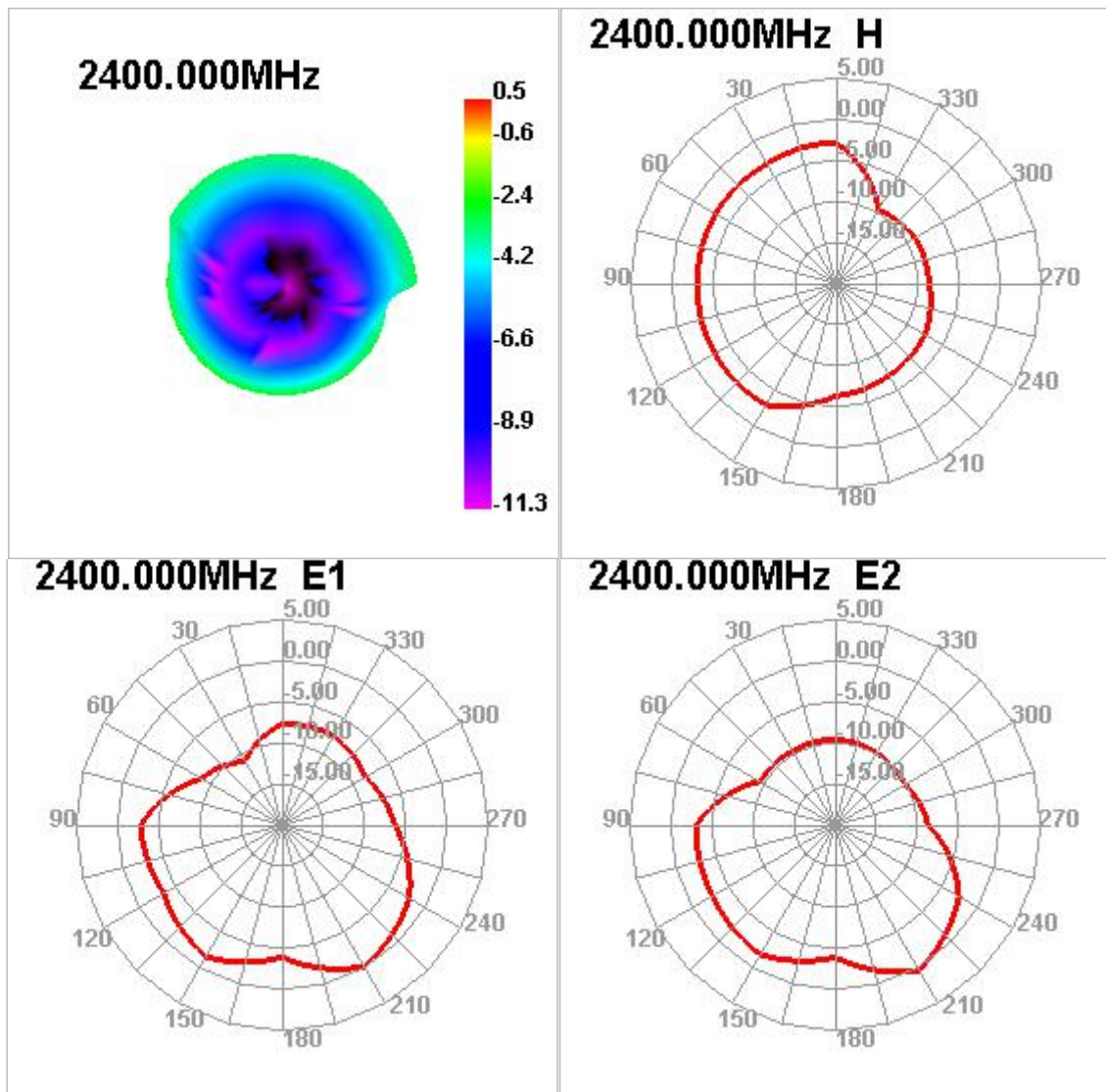
◆ 效率efficiency



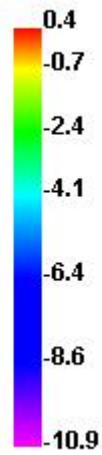
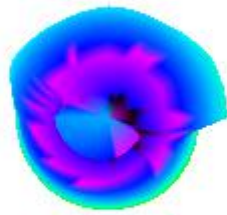
◆ 增益gain



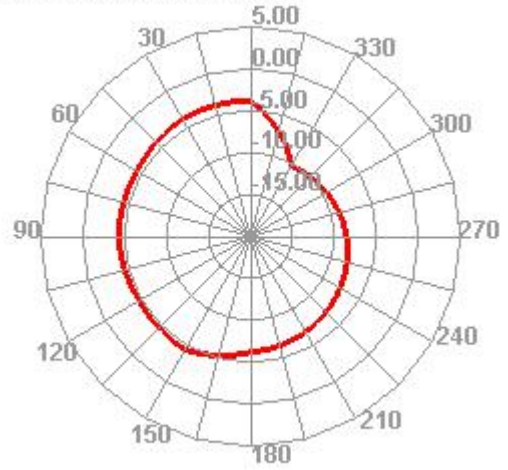
辐射方向图 Radiation Pattern



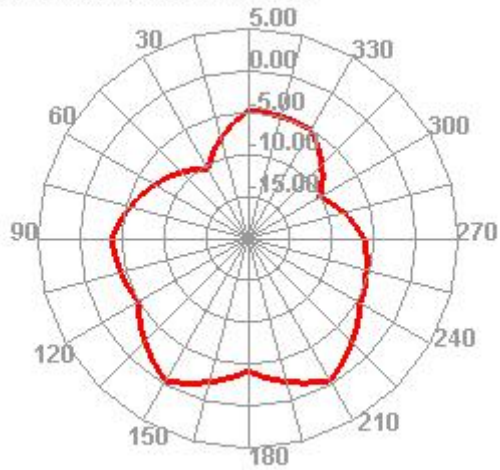
2450.000MHz



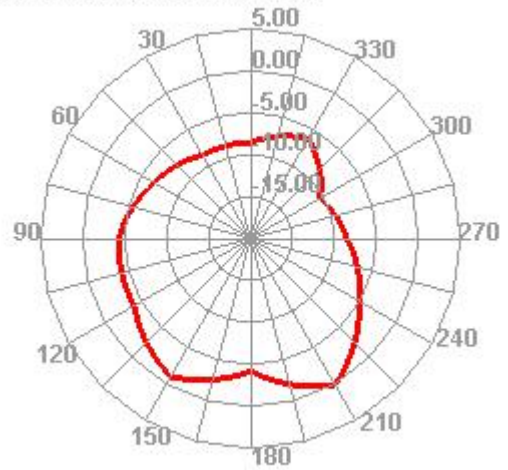
2450.000MHz H



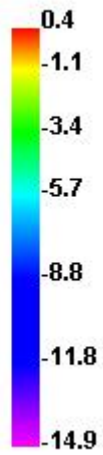
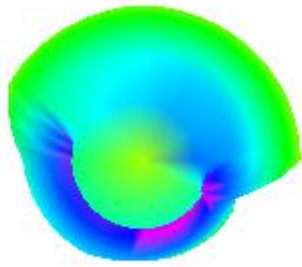
2450.000MHz E1



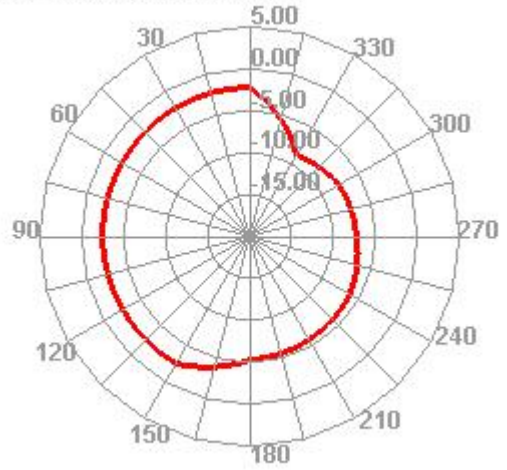
2450.000MHz E2



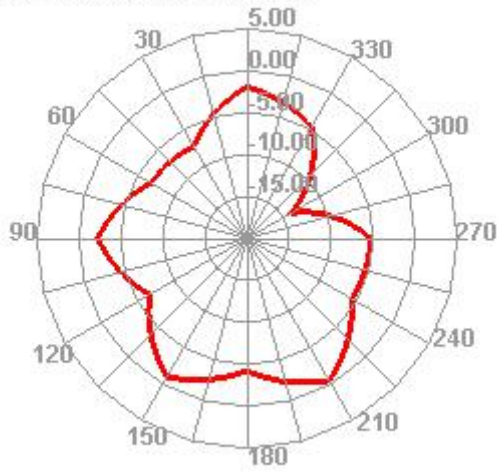
2500.000MHz



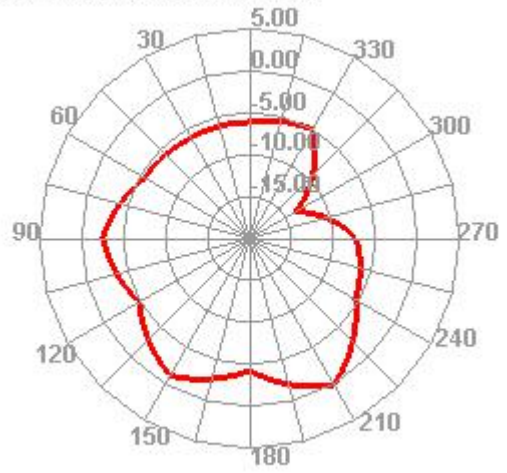
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



天线装配方式Antenna assembly mode



WIFI 天线如图所示粘贴
Wi-Fi antenna location

地址：深圳市宝安 71 区留仙一路二巷 26 号 L 栋 5 楼 5D
Address: 5D, Floor 5, Building L, No. 26, Lane 2, Liuxian
First Road, Baoan District 71, Shenzhen

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