



深圳市福汇科技有限公司

ShenZhen City FuHui Technology CO., LTD.

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产品承认书

SPECIFICATION FOR APPROVED

客户

CUSTOMER: 深圳市柏帆科技有限公司

产品名称

PRODUCTS: 内置PCB 2.4G 天线

客户料号

PART NO: F6-PCB

产品型号

Spec.: F6-PCB

适用機種

APPLICATION: TWS 耳机

客户确认			
CUSTOMER APPROVED BY			
工程部 ENGINEER R&DDEPT.	采购部 OPERATION STOCK DEPT.	品质部 Q C DEPT.	
供应商确认			
APPROVED BY VENDOR			
工程部 ENGINEER R&DDEPT.	业务部 OPERATION STOCK DEPT.	日期 DATE	版本 REV.
			1.0

新品承认 (Newly Approved) ☐

材料变更再承认 (Material Approved) ☐

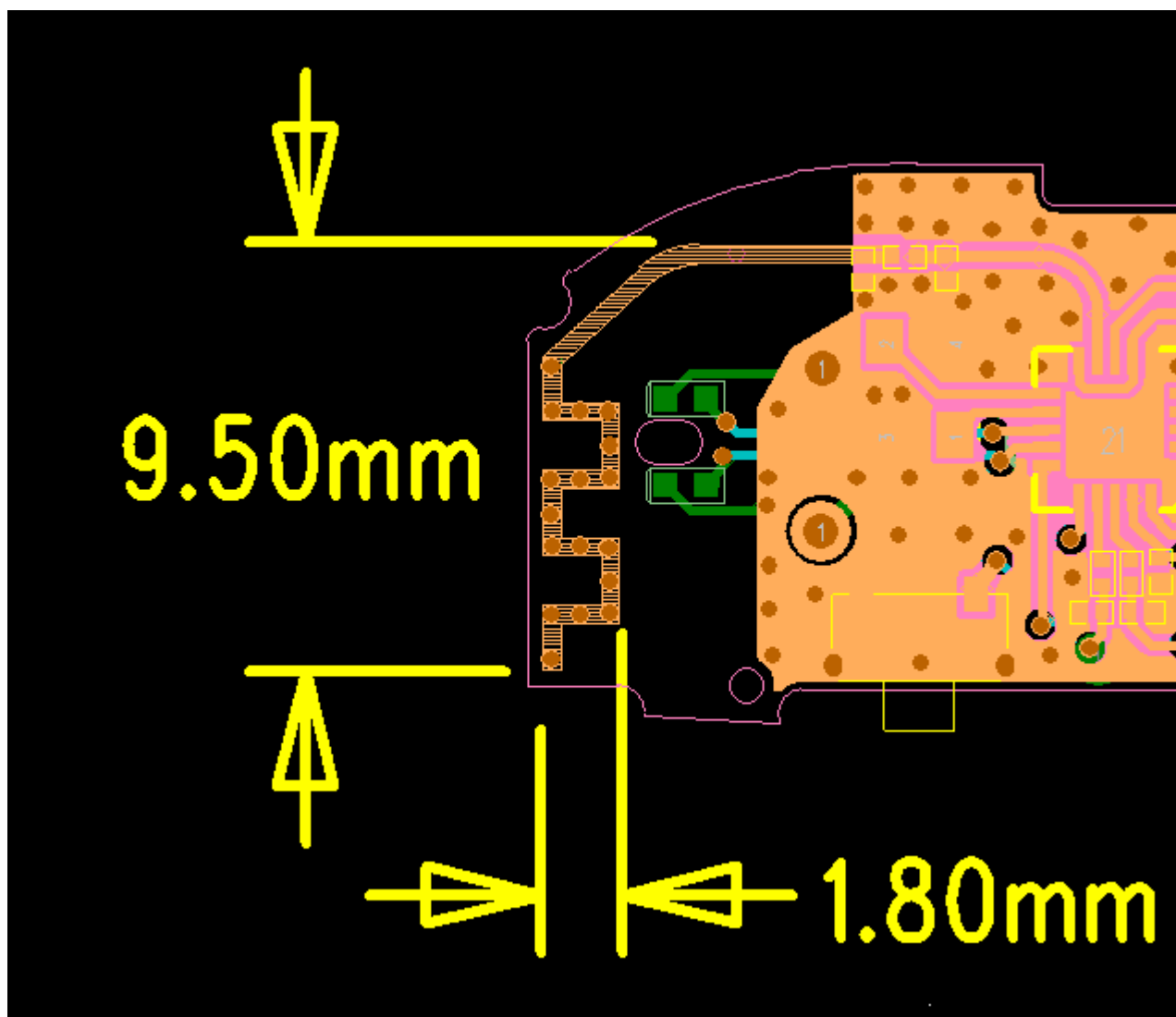
规格变更再承认 (SPEC Approved) ☐

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1. 项目信息 Project Information

1.1. 外观尺寸 Appearance and Dimensions

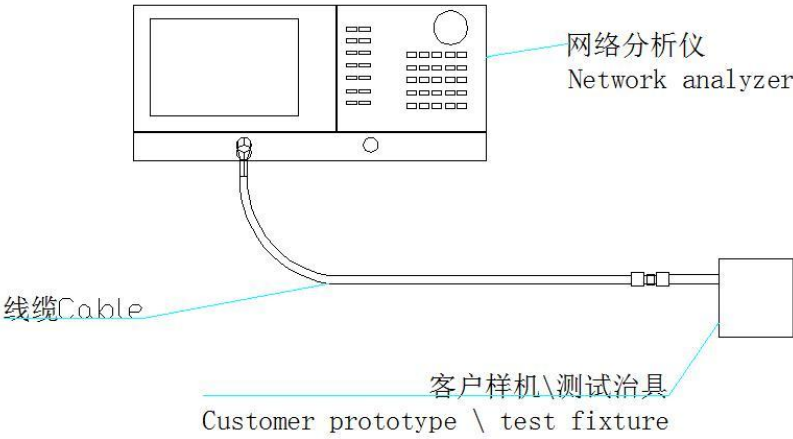


2 电气性能 Electrical Characteristics

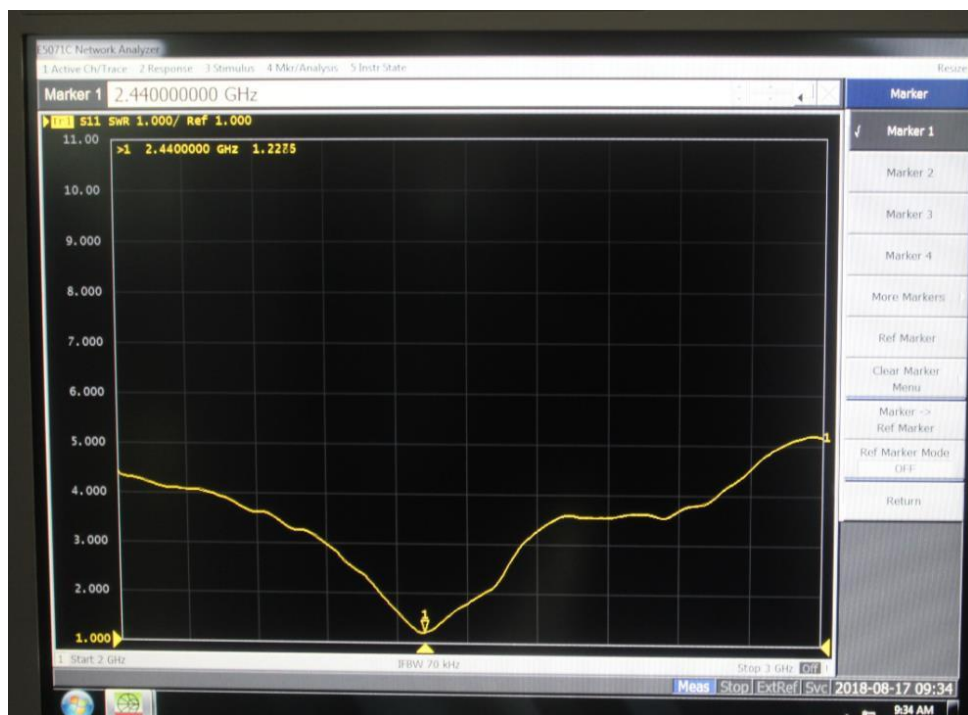
2.1. 测试环境条件 Test Environment Conditions

湿度 Temperature	Ordinary Temperature (5 to 35℃)
温度 Humidity	Ordinary Humidity (25 to 85% RH)

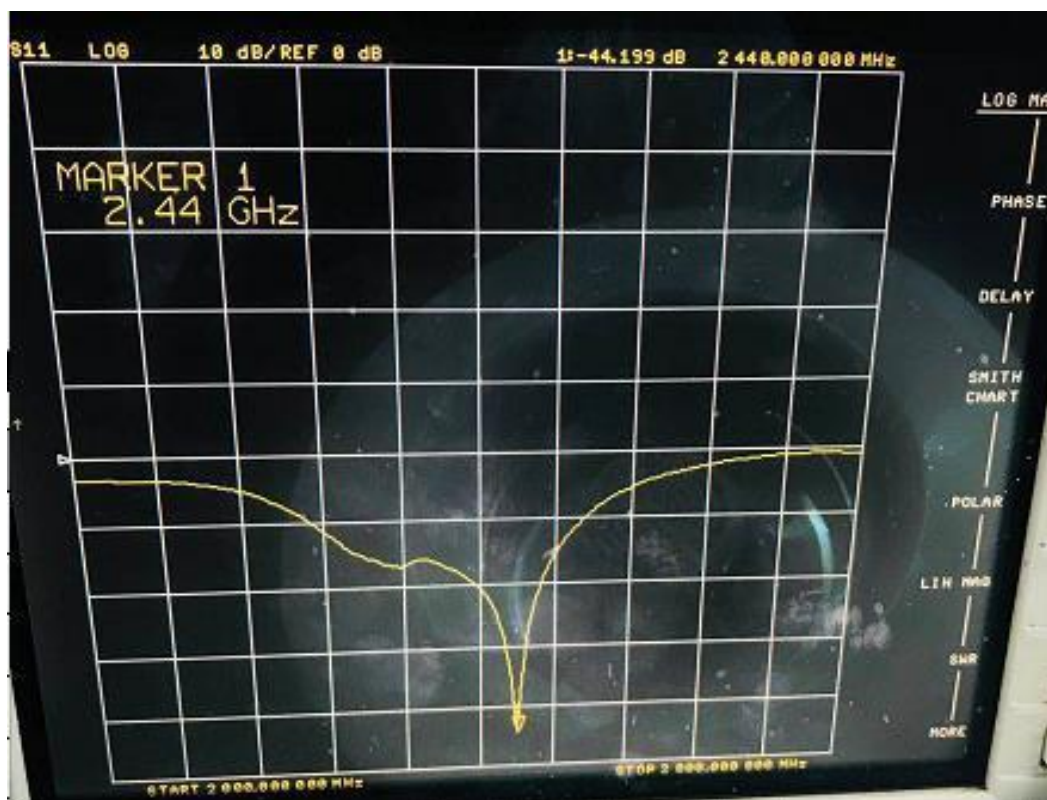
2.2. 测试方法 Measurement method



2.2.1. 电压驻波比 VSWR



2.2.2. 回波损耗 Log Mag

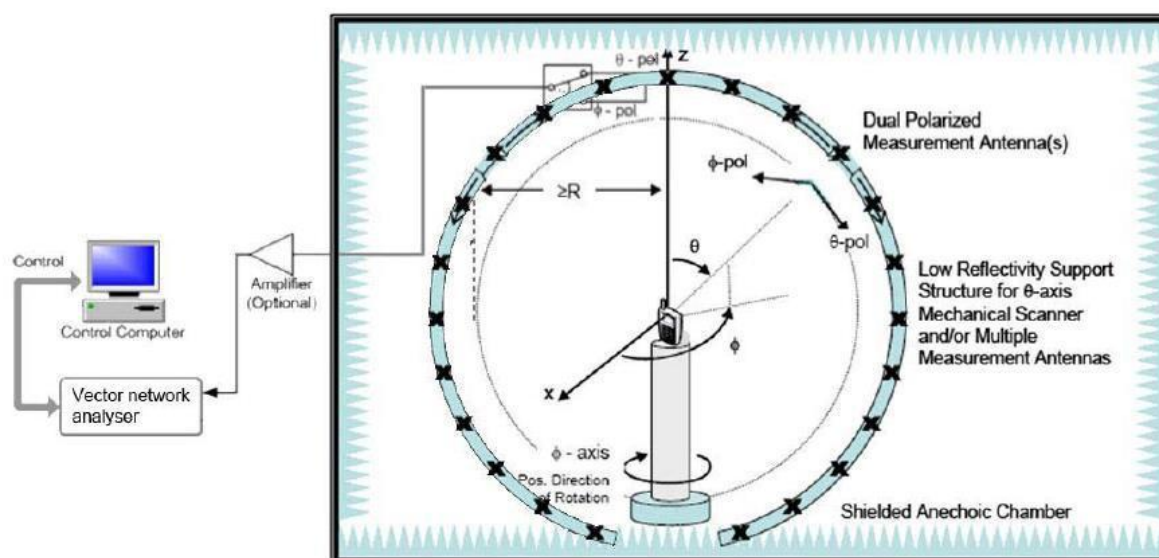


2.2.3. 史密斯圆图 SMITH CHART



2.3. 效率及增益 Efficiency and Gain

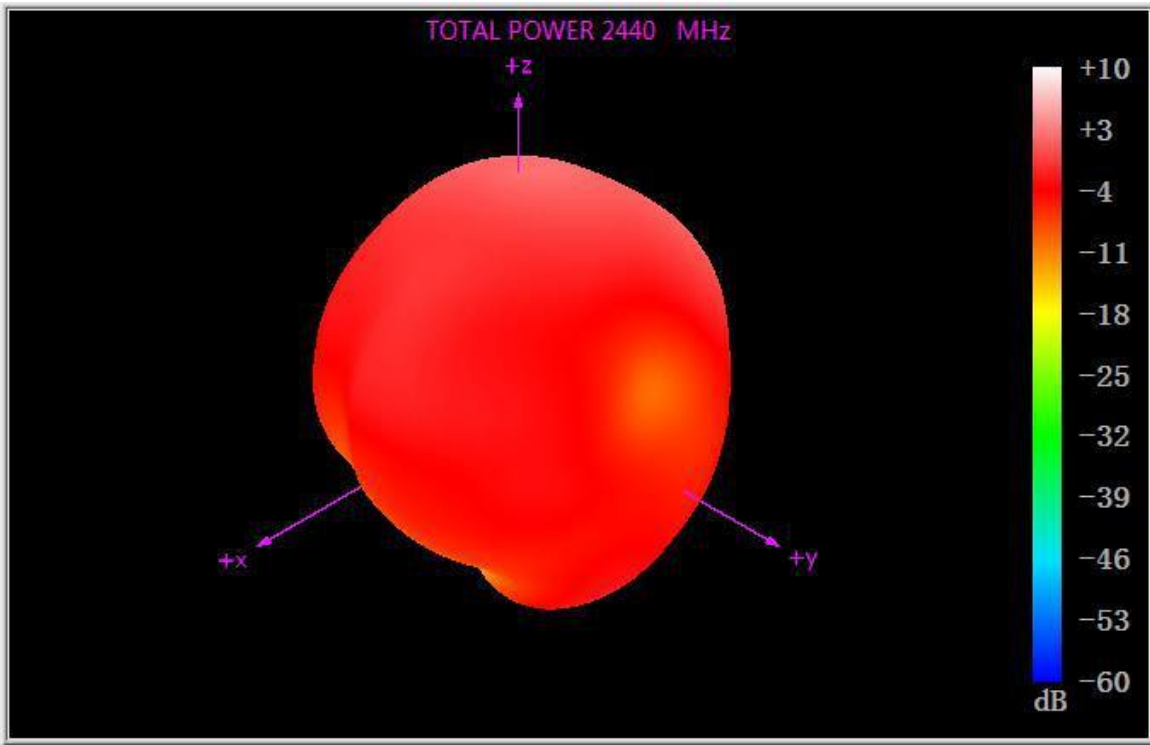
2.3.1. 测试系统 Test system



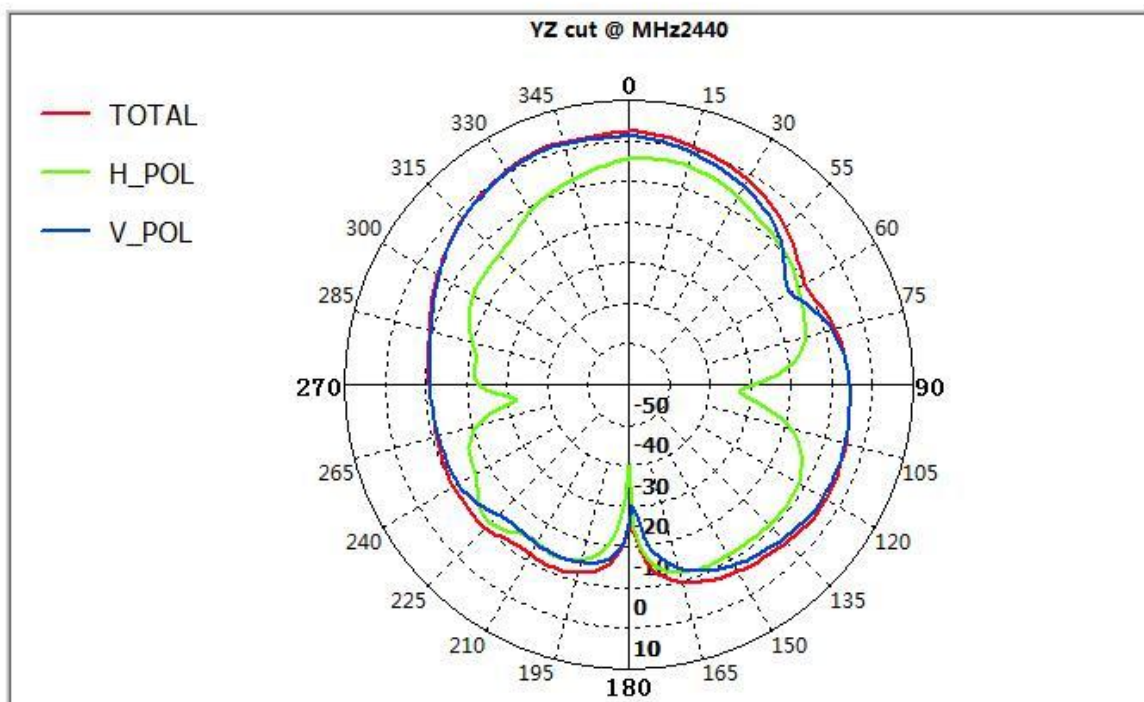
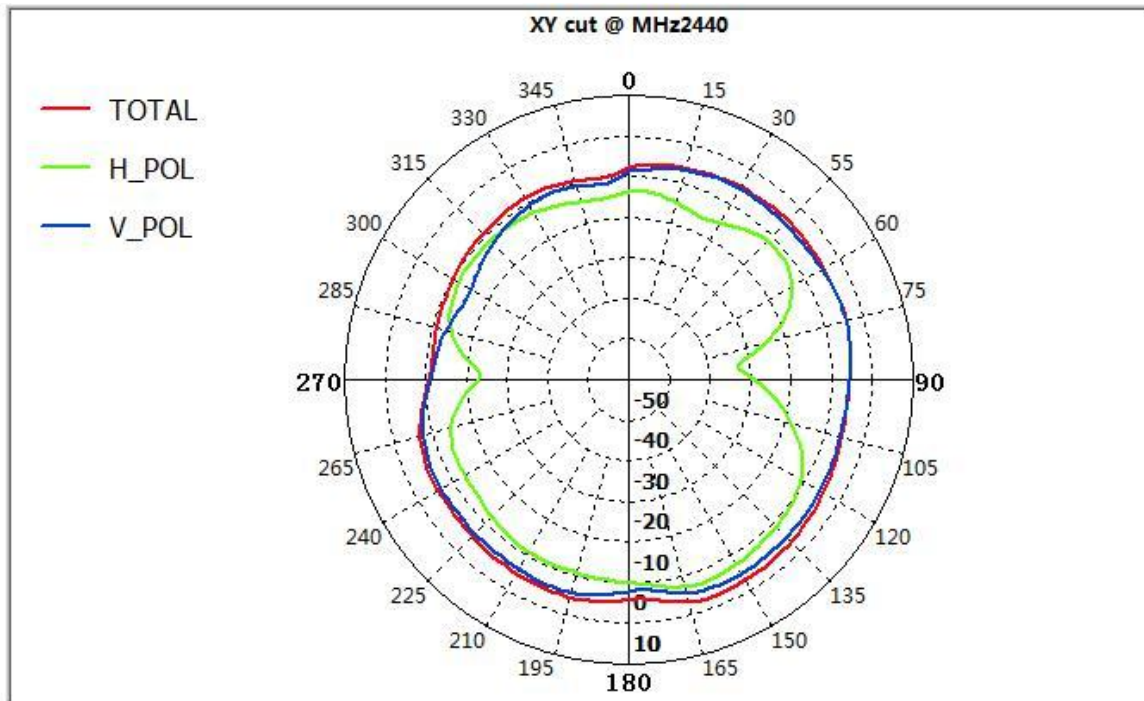
2.3.2. 效率及增益 Efficiency and Gain

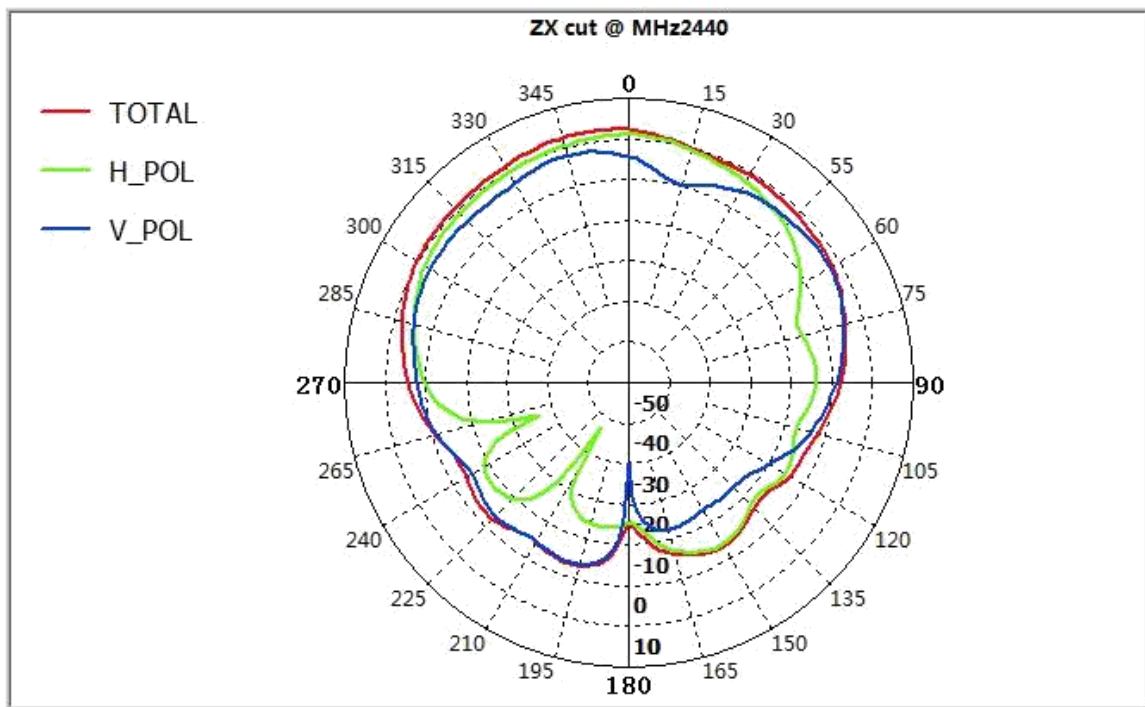
Frequency (MHz)	Gain (dBi)	Efficiency (%)
2400 MHz	0.66	25.3
2410 MHz	1.82	33.79
2420 MHz	2.83	35.51
2430 MHz	2.3	36.08
2440 MHz	2.62	40.55
2450 MHz	2.65	39.12
2460 MHz	2.86	41.42
2470 MHz	2.37	37.76
2480 MHz	2.13	34.55
2490 MHz	1.31	29.39
2500 MHz	0.09	23.41

2.3.3. 天线辐射 3D 图



2.3.4. 天线极化方向 Antenna polarization direction





3. 备注 Notes

- 1、安装时注意不能离金属部分太近，以避免影响天线性能。
- 2、此款天线只适用此机型，天线的位置不可以随意改动，若用于其它机器上导致效果变差，与我司无关