东莞市小帅电子科技有限公司

Dongguan Xiaoshuai Electronic Technology Co., Ltd.

产品承认书

SPECIFICATION FOR APPROVED

客户
CUSTOMER: _____

产品名称
PRODUCTS: 5G-2DB胶棒天线

客户料号
PART NO: _____

产品型号
Spec.: 2HM2(母针)　2HG2(公针)

日期
Data: 2022.05.16

供应商 SUPPLIER		
拟制 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY
汪大海	王笑	Alen

客户 CUSTOMER		
承认 ACCEPTED BY	审核 CHECKED BY	批准 APPROVED BY

Address: Room 301, Building 5, Changxing Zhigu Industrial Park, Huangjiang Town, Dongguan City

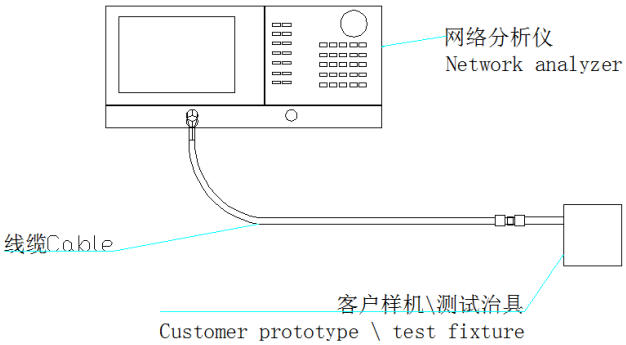
1.实物图 Physical map

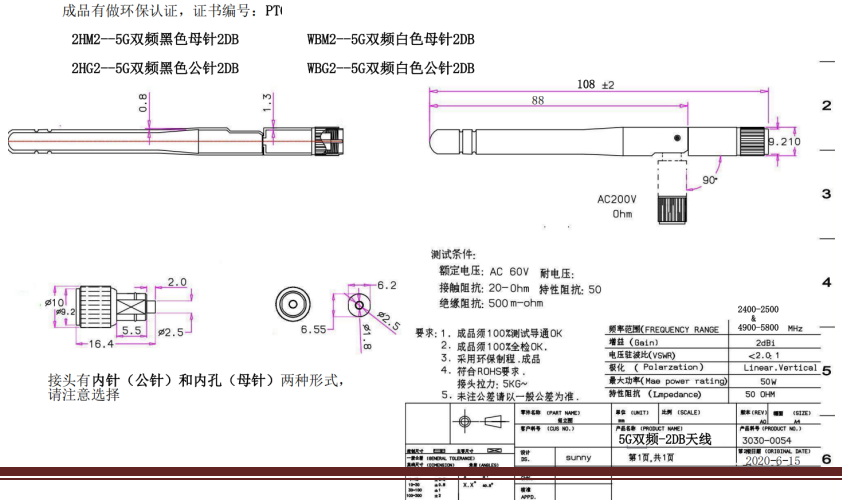
2. 电气性能 Electrical Characteristics

2.1. 测试环境条件 Test Environment Conditions

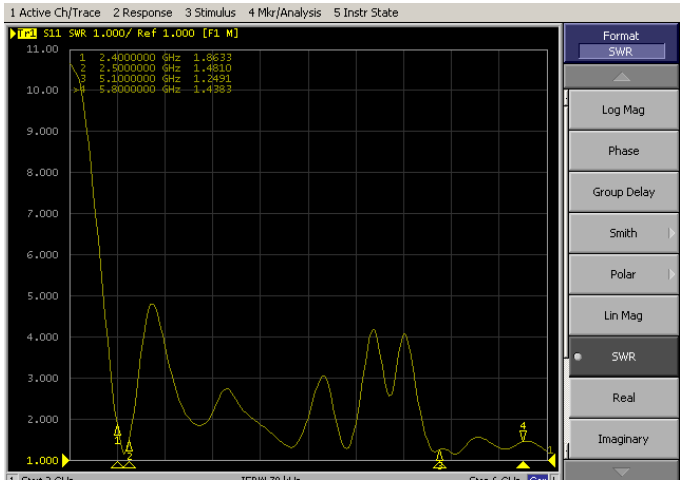
温度 Temperature	Ordinary Temperature (5 to 35℃)
湿度 Humidity	Ordinary Humidity (25 to 85% RH)

2.2. 测示方法 Measurement method

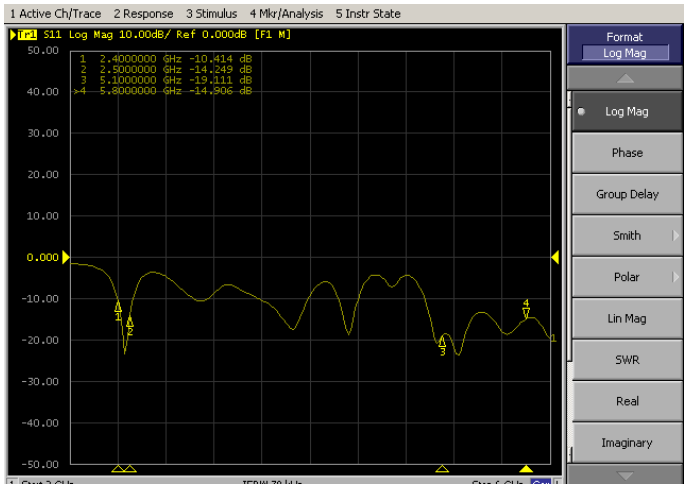




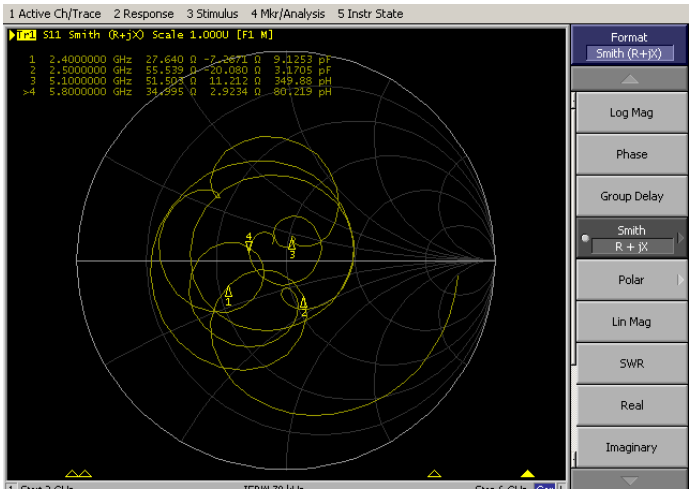
2.2.1. 电压驻波比 VSWR



2.2.2. 回波损耗 Log Mag

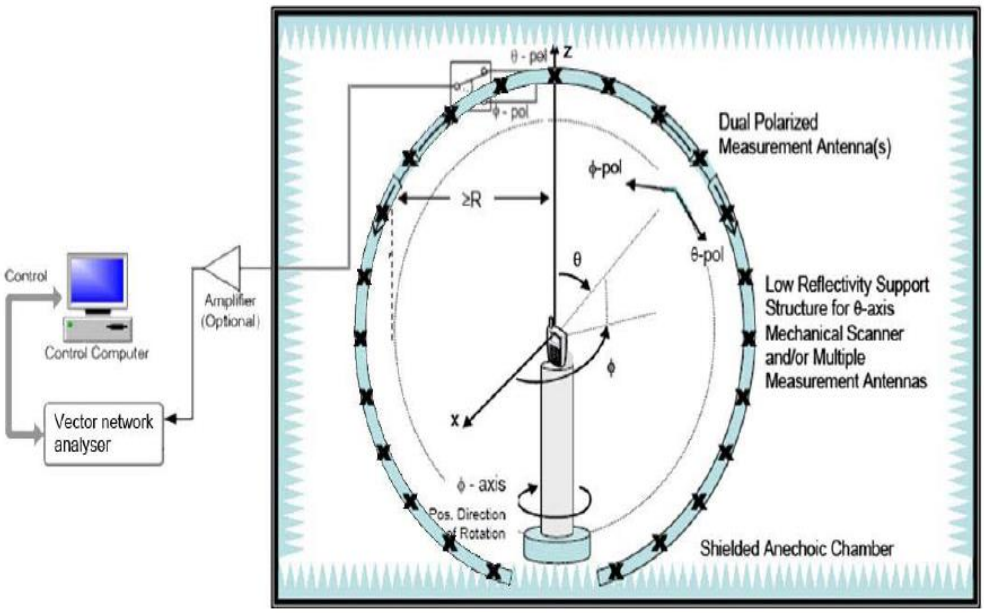


2.2.3. 阻抗 Impedance



2.3. 效率及增益 **Efficiency** and Gain

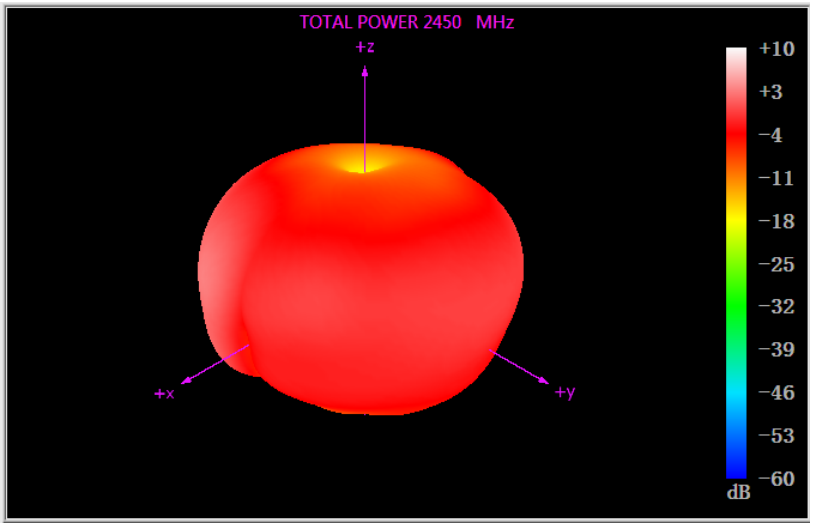
2.3.1. 测试系统 Test system

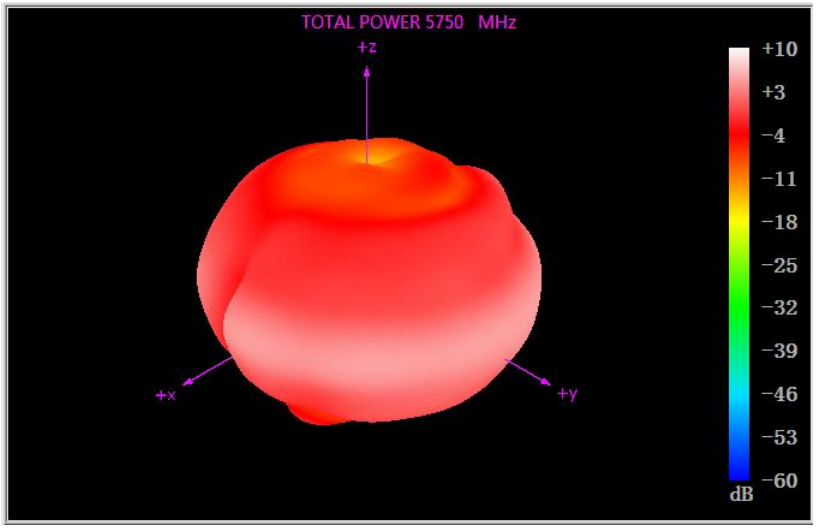


2.3.2. 无源数据 No-source test data

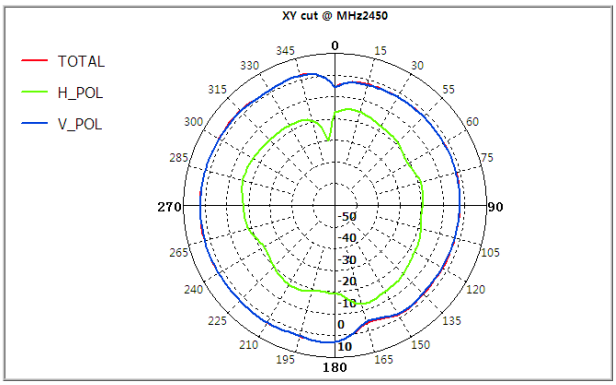
Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400 MHz	55.97	2.78
2410 MHz	55.12	2.83
2420 MHz	54.98	2.89
2430 MHz	54.54	2.93
2440 MHz	53.31	2.94
2450 MHz	55.66	3.05
2460 MHz	57.98	3.1
2470 MHz	57.9	3.15
2480 MHz	57.66	3.06
2490 MHz	54.57	2.84
2500 MHz	51.21	3.43
5150 MHz	56.34	3.58
5200 MHz	59.66	3.26
5250 MHz	60.21	2.96
5300 MHz	63.72	2.91
5350 MHz	62.79	2.98
5400 MHz	62.21	3.45
5450 MHz	62.82	3.04
5500 MHz	60.59	3.34
5550 MHz	62.93	3.27
5600 MHz	57.19	2.88
5650 MHz	62.42	3.53
5700 MHz	61.22	3.54
5750 MHz	61.61	3.59
5800 MHz	59.9	3.14
5850 MHz	62.44	3.38

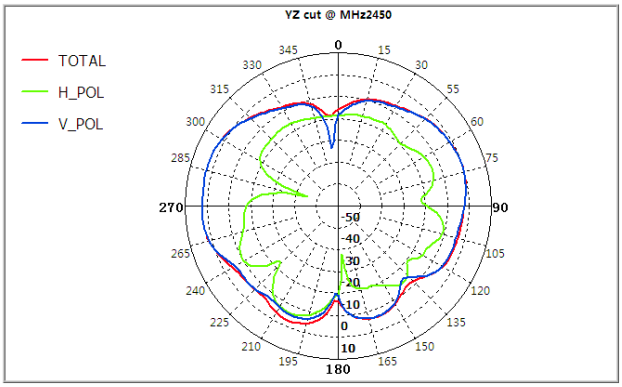
2.3.3. 3D Radiation Drawing

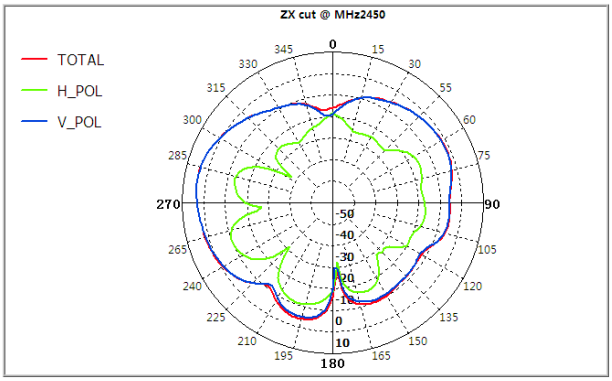


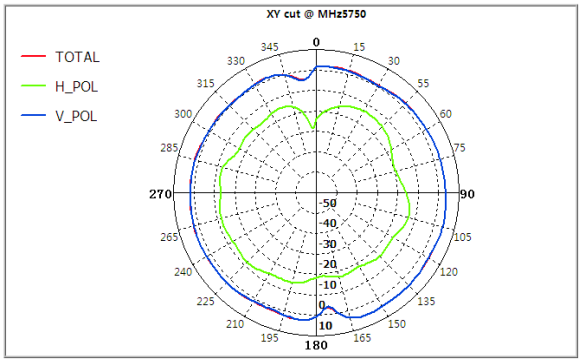


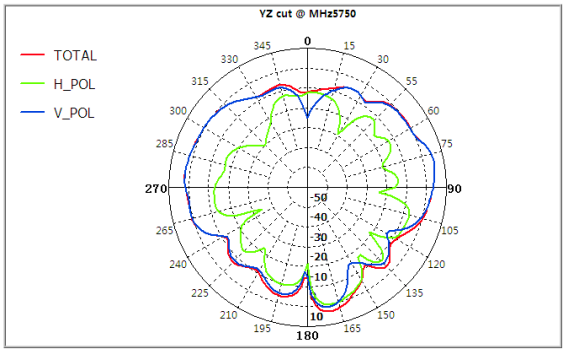
2.3.4. directional drawing of horizontal plane

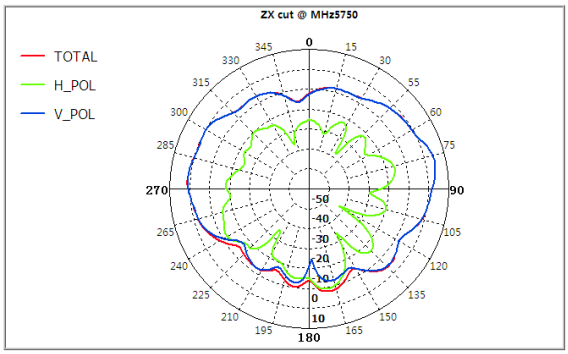












3. 备注 Notes

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。

4. 可靠性测试 Reliability test

项目	试验方法及条件	规格及要求	实验结果
存储环境	在没有指定的情况下测试温度、湿度、气压如下： 1、温度为-30℃~+80℃ 2、相对湿度为 45%-85% 3、气压为 86Kpa-106Kpa	外观无明显变化 各电性参数符合规格误差	OK
盐雾测试	盐水浓度 50 ± 10g/l （约 5%）;PH6.5-7.2;试验温度 35±1℃;腐蚀时间 16H.	判定方法:试验后用 20 倍放大镜观察;无氧化之不良;即判定合格	OK
跌落测试	从 1M 处跌落在木板上	外观无明显变化 各电性参数符合规格误差	OK
拉拔力测试	用推拉力计测试仪器测试其承受力度：≧12N	外观无明显变化 各电性参数符合规格误差	OK
恒温恒湿测试	温湿度 ：40℃±2℃,90-95%RH 持续时间：4H 恢复时间：1 to 2H	外观无明显变化 各电性参数符合规格误差	OK
高低温测试	在 70℃与 40℃之间进行 5 次循环，然后在正常条件下 1-2H	外观无明显变化 各电性参数符合规格误差	OK
火花试验	0.5KV/0.15 sec.	外观无明显变化 各电性参数符合规格误差	OK