



智兴盛

规格承认书

APPROVAL SHEET

供应商：信诺山

CUSTOMER:

品 名：Antenna

DISCRIPTION:

型 号：WIFI/BT

MODEL NO:

供应商料号：W686-1B70B-A

CUSTOMER P/N:

机 种：数码相框（泽迪主板）

CUSTOMER MODEL:

承认部门	项目	硬件	软件	测试	fae,结构	技术中心 经理
确 认						

审 核 结 果:

合格

☐

不合格

☐

说 明:

REMARK:

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1. Project information and Electrical Specification

Those specifications were specially defined for WIFImodel, and all characteristics were measured under the model's handset testing jig .

1-1 Antenna picture



1-2 Frequency Band:

Frequency Band	MHz
Wi-Fi/BT	2400-2500

1-3 Impedance matching

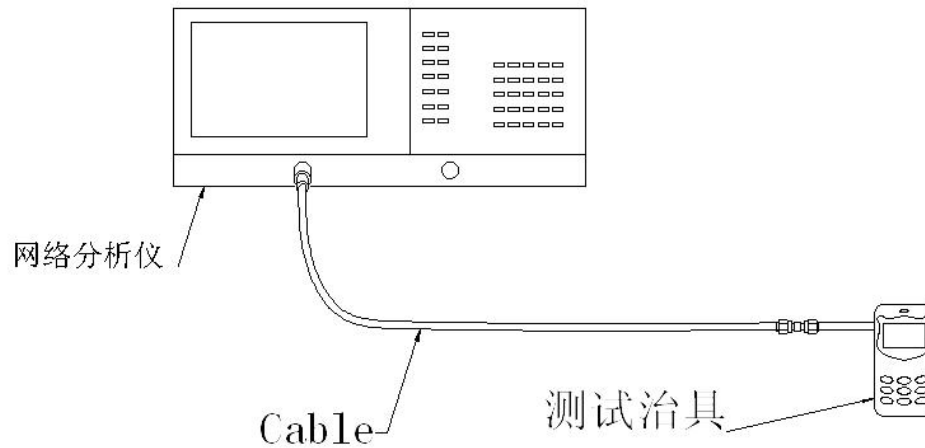
天线原匹配无更改

2. VSWR

2-1 Measuring Method:

- 1. A 50 Ω coaxial cable is connected to the antenna. Then this cable is connected to a network analyzer to measure the VSWR,*
- 2. Keeping this jig away from metal at least 20cm.*

测试示意图如下:



2-2 S11 parameter values

频率 (MHZ)	2400	2500
驻波	1.55	1.37



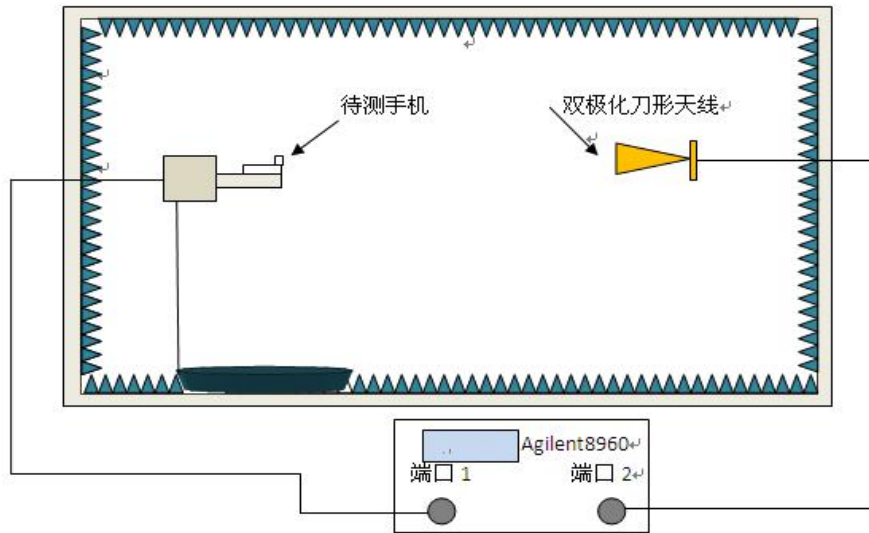
3. Efficiency and Gain

*measuring and test instruments:

微波暗室, Agilent 网络分析仪, Agilent 频谱分析仪, 8960 综合测试仪, 标准天线

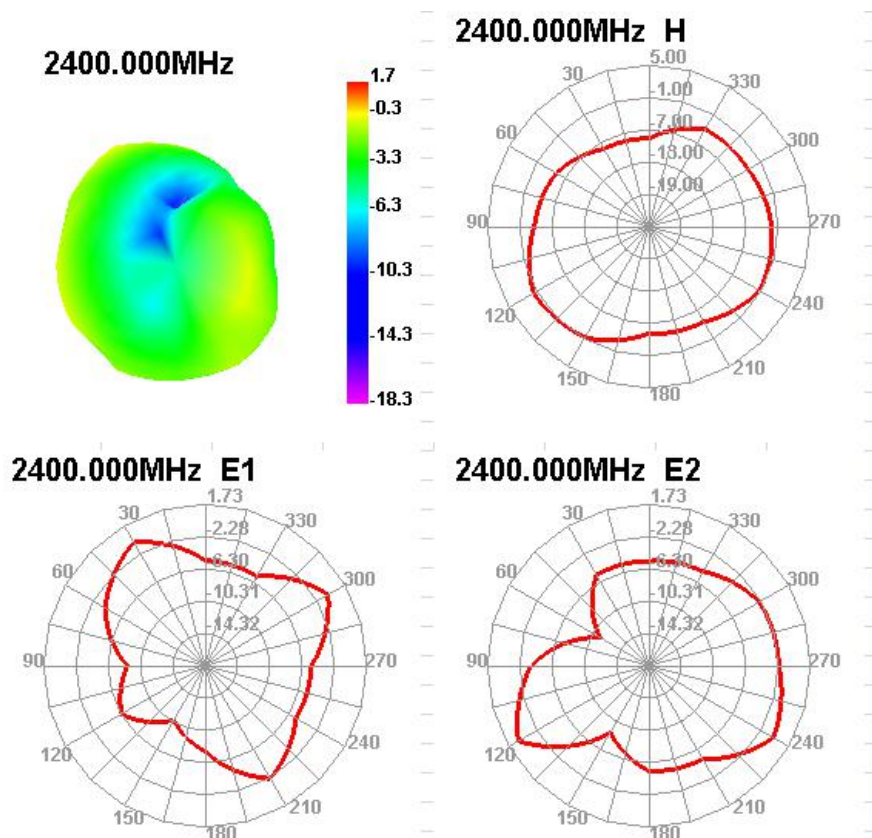
***test method:**

equipment 以 H 面放于转台中心位置固定，与喇叭天线中心位置在同一个水平线上。

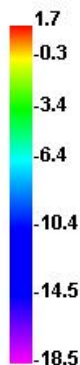
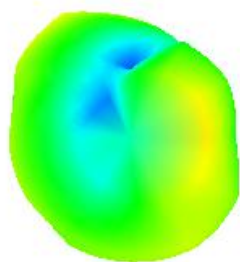


3-1 Efficiency/Gain- WIFI

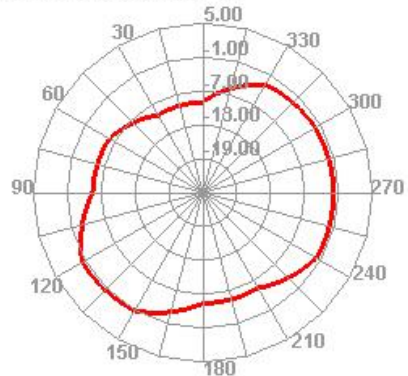
BAND	WIFI		
Freq.[MHZ]	2400	2450	2500
Eff.[%]	62.6	62.7	63.9
Peak Gain [dBi]	1.7	1.7	1.9



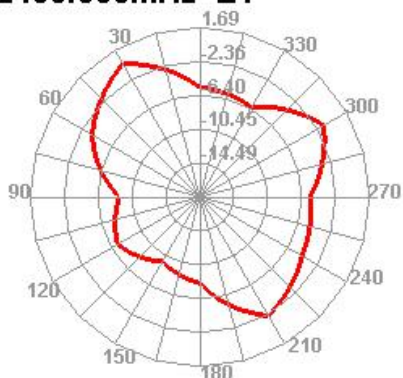
2450.000MHz



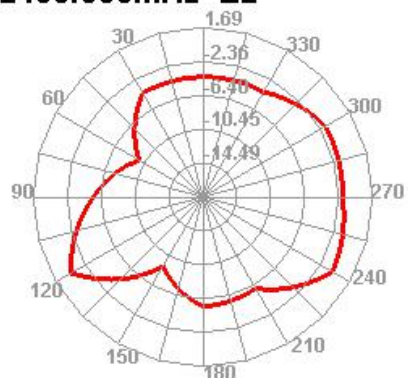
2450.000MHz H



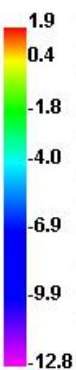
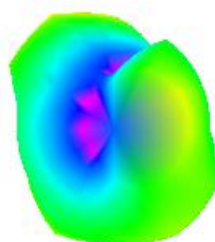
2450.000MHz E1



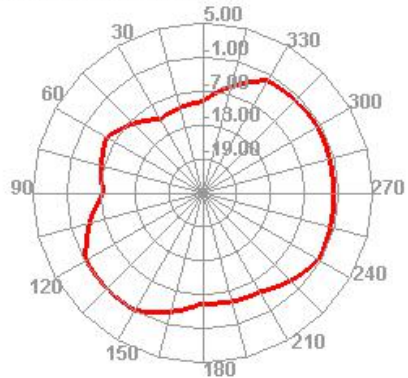
2450.000MHz E2



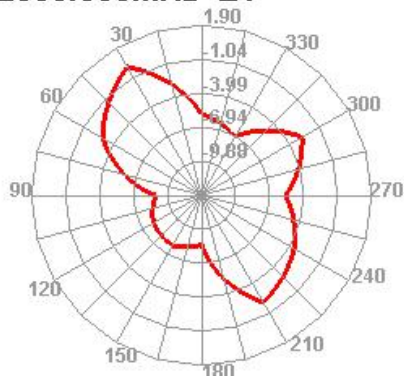
2500.000MHz



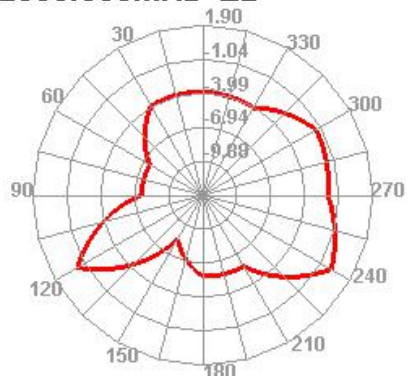
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



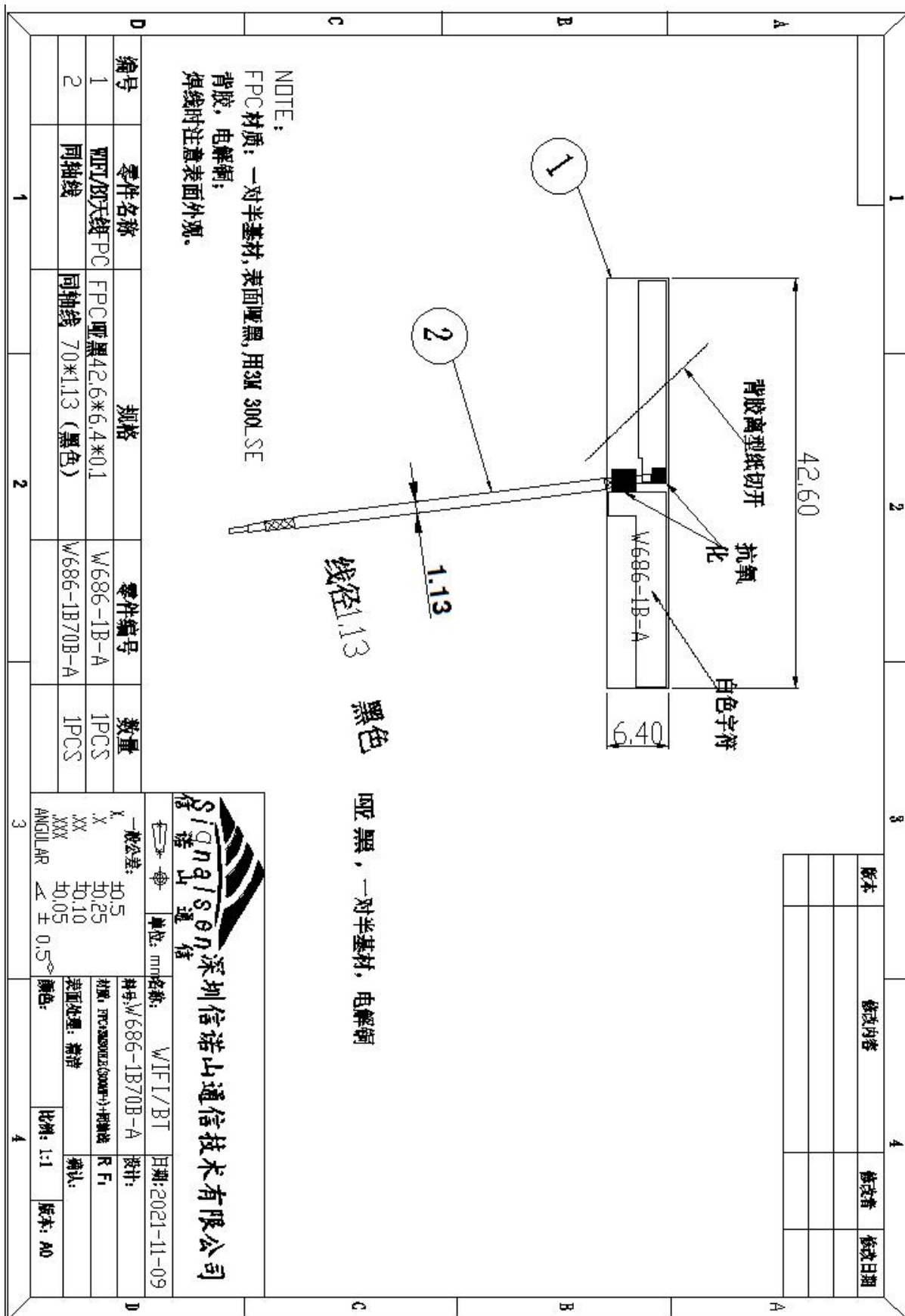
5. The production index

天线量产时，以驻波比作为量产测试标准。

根据项目本身的差异,给出如下标准：

频率（MHZ）	量产标准
2400-2500	VSWR（量产产品）<VSWR(设计样品)+0.5

6.structural drawings



天线贴放位置：

