鑫辉数码

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： WBP700-1B-A

CUSTOMER P/N:

机　　种： 平板

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 forWIFI/BTmodel, and all characteristics were measured under the model's handset testing jig .

1-1 Project picture

1-2 Frequency Band:

Frequency Band	MHz
GPS/Wi-Fi/BT	1575/2400-2500/5050-5850

1-3 Impedance matching

天线原匹配无更改

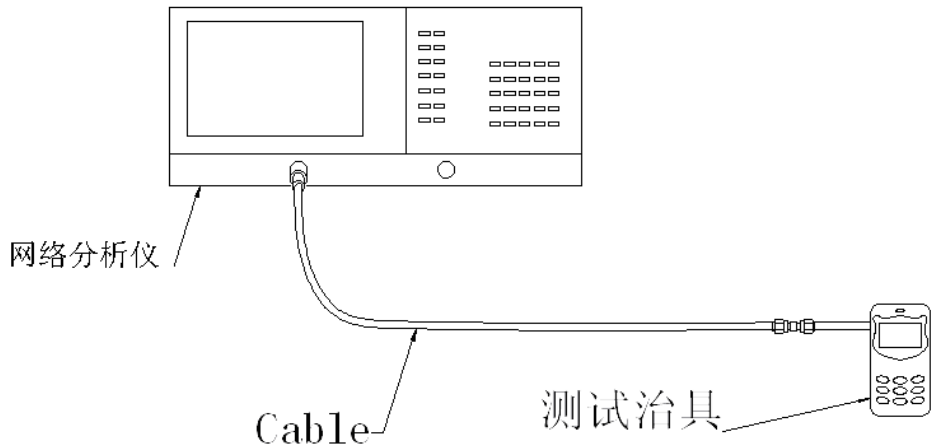
2. VSWR

2-1 Measuring Method:

1. A 50Ω coaxial cable is connected to the antenna. Then this cable is connected to a network analyzer to measure the VSWR,

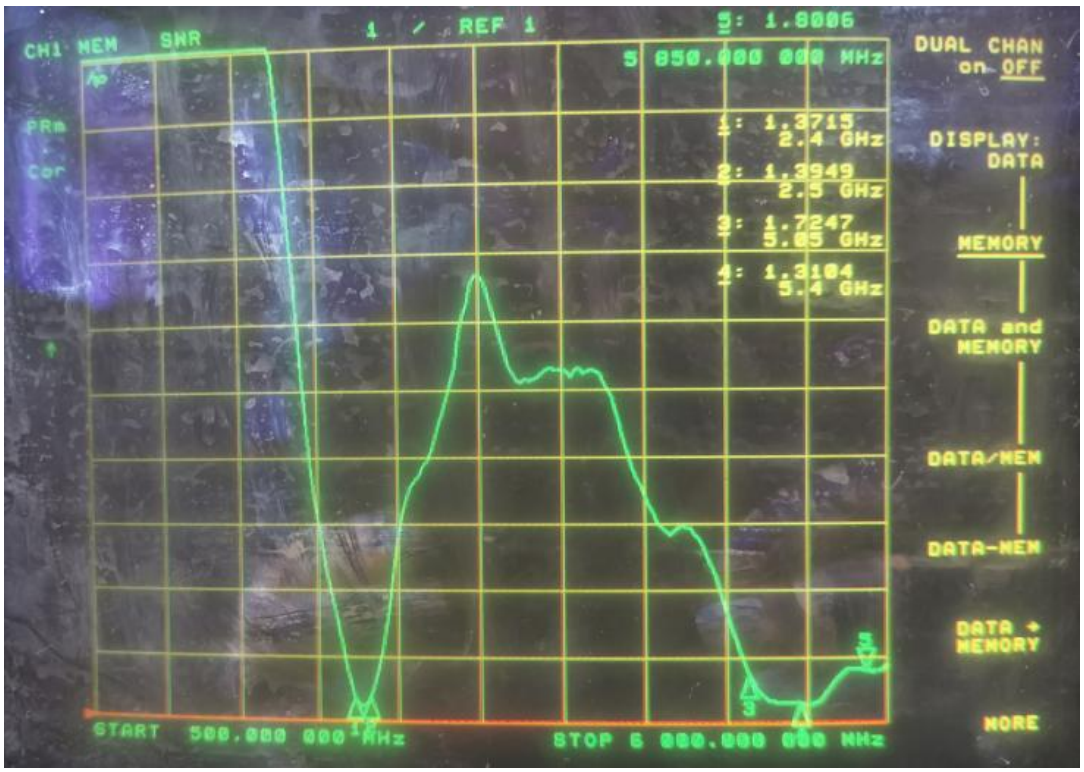
2. Keeping this jig away from metal at least 20cm.

测试示意图如下：



2-2 S11 parameter values

频率（MHZ）	2400	2500	5050	5400	5850
驻波	1.37	1.39	1.72	1.31	1.80



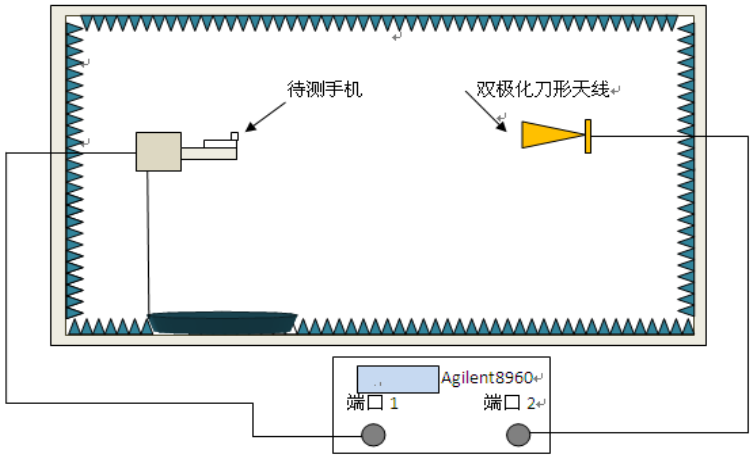
3. Efficiency and Gain

***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

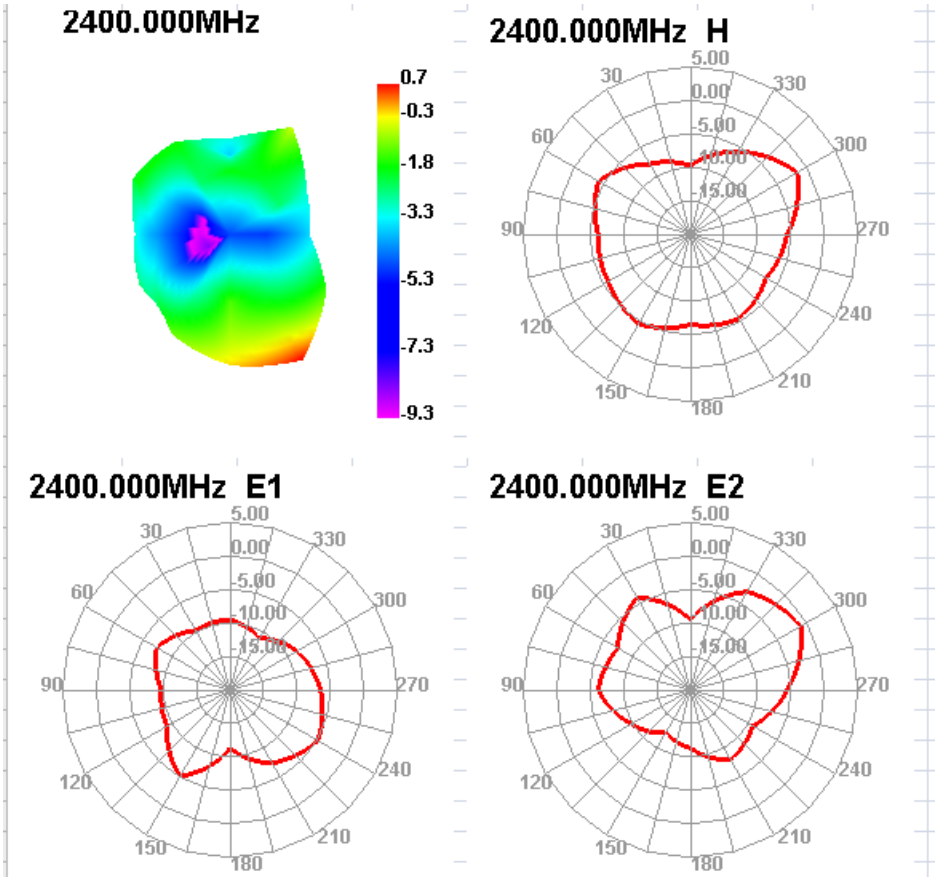
***test method:**

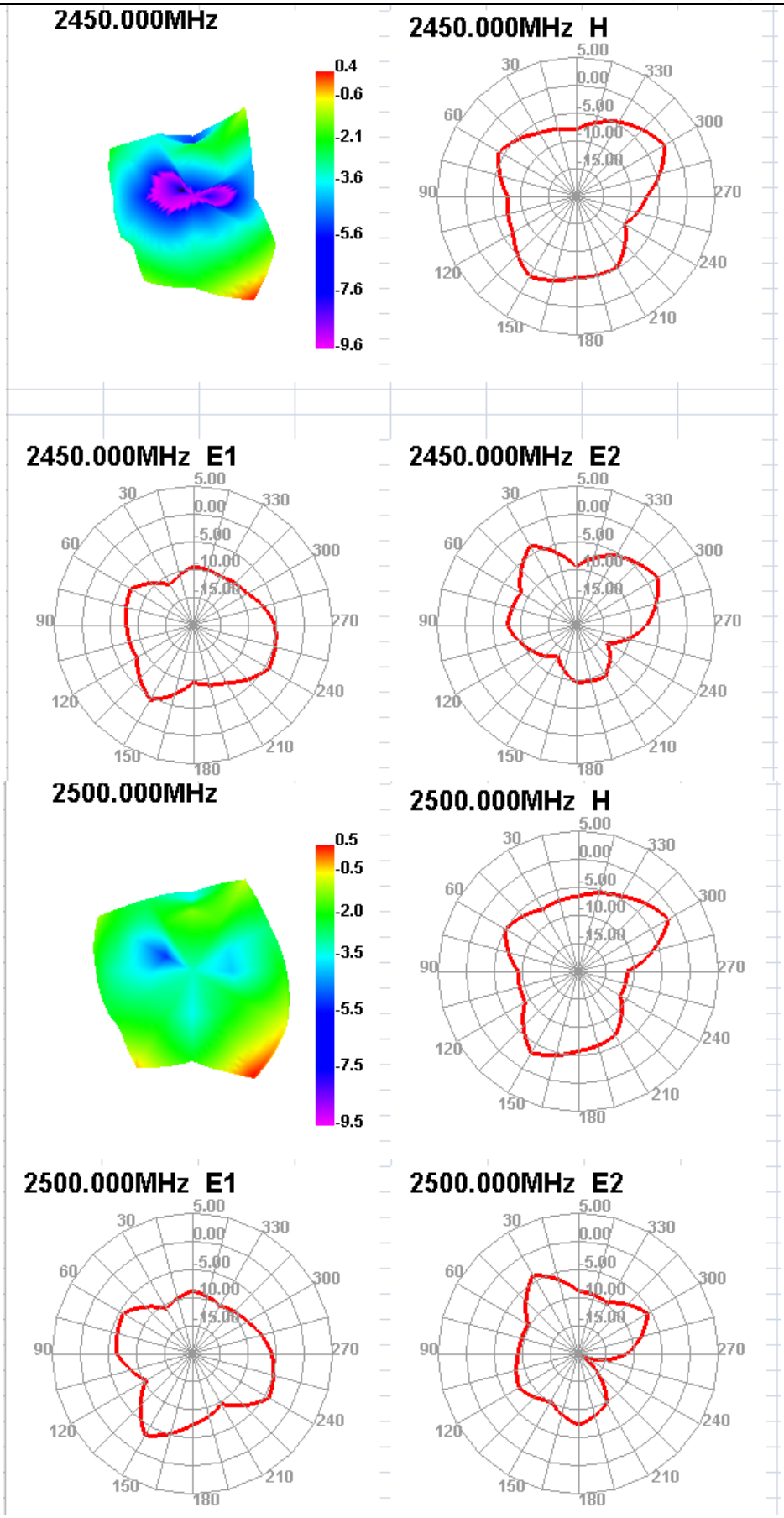
equipment 以 H 面放于转台中心位置固定，与喇叭天线中心位置在同一个水平线上。



3-1 Efficiency/Gain- WIFI/BT

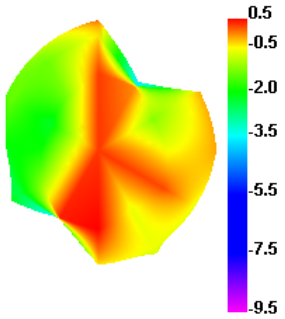
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	43.25	-3.64	0.69
2450	41.22	-3.85	0.4
2500	42.18	-3.75	0.55



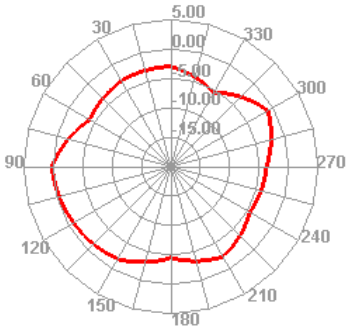

2450.000MHz
0.4
-0.6
-2.1
-3.6
-5.6
-7.6
-9.6
2450.000MHz H
2450.000MHz E1
2450.000MHz E2
2500.000MHz
0.5
-0.5
-2.0
-3.5
-5.5
-7.5
-9.5
2500.000MHz H
2500.000MHz E1
2500.000MHz E2
5.00
0.00
-5.00
-10.00
-15.00
30
330
60
300
90
270
120
240
150
210
180

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
5050	43.12	-3.65	0.5
5450	42.18	-3.75	0.41
5850	46.02	-3.37	0.72

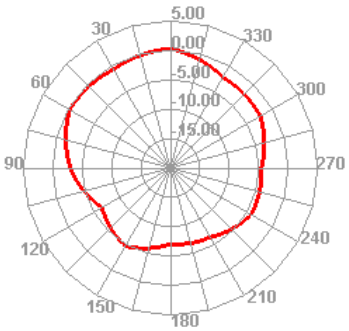
5050.000MHz



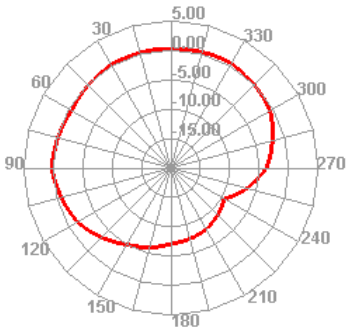
5050.000MHz H



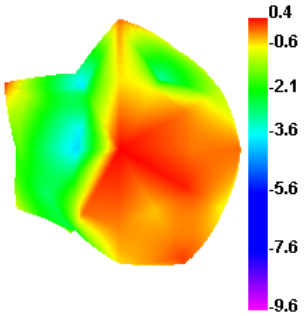
5050.000MHz E1



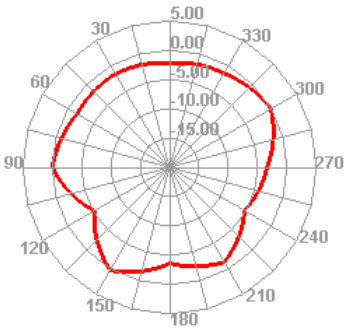
5050.000MHz E2



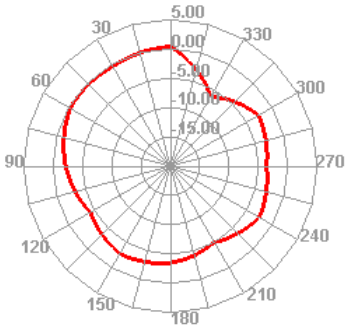
5450.000MHz



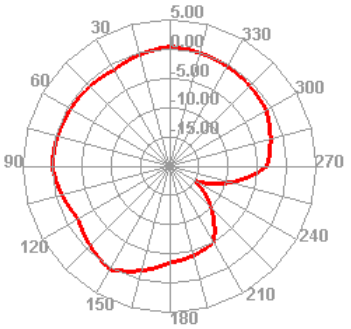
5450.000MHz H

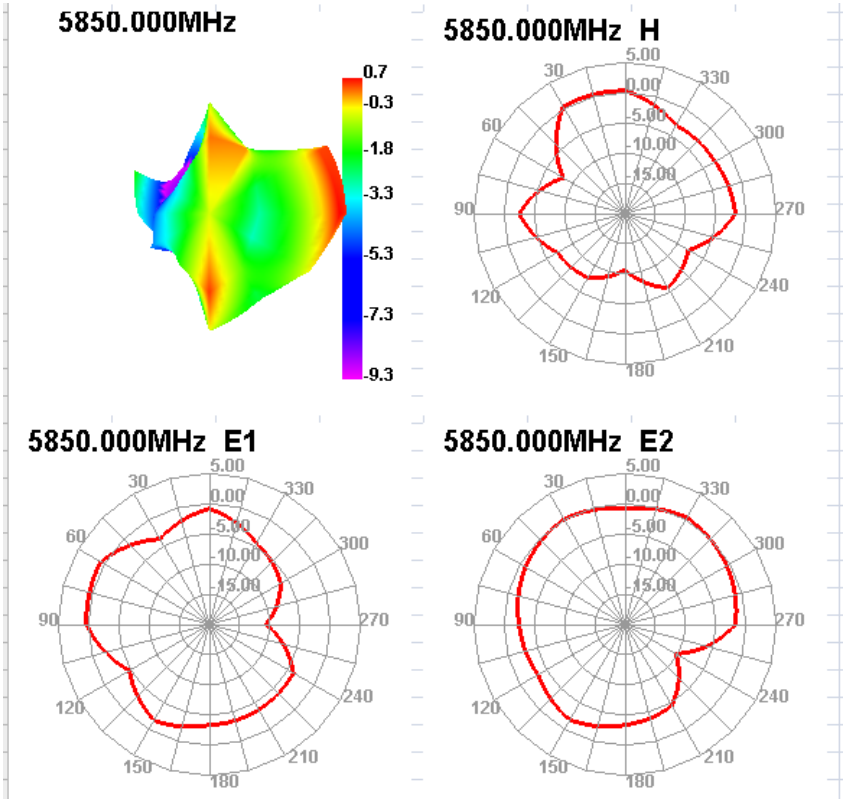


5450.000MHz E1



5450.000MHz E2

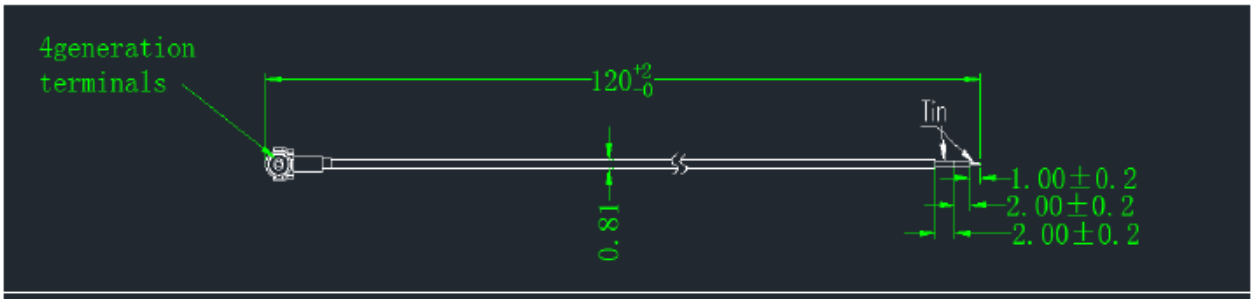
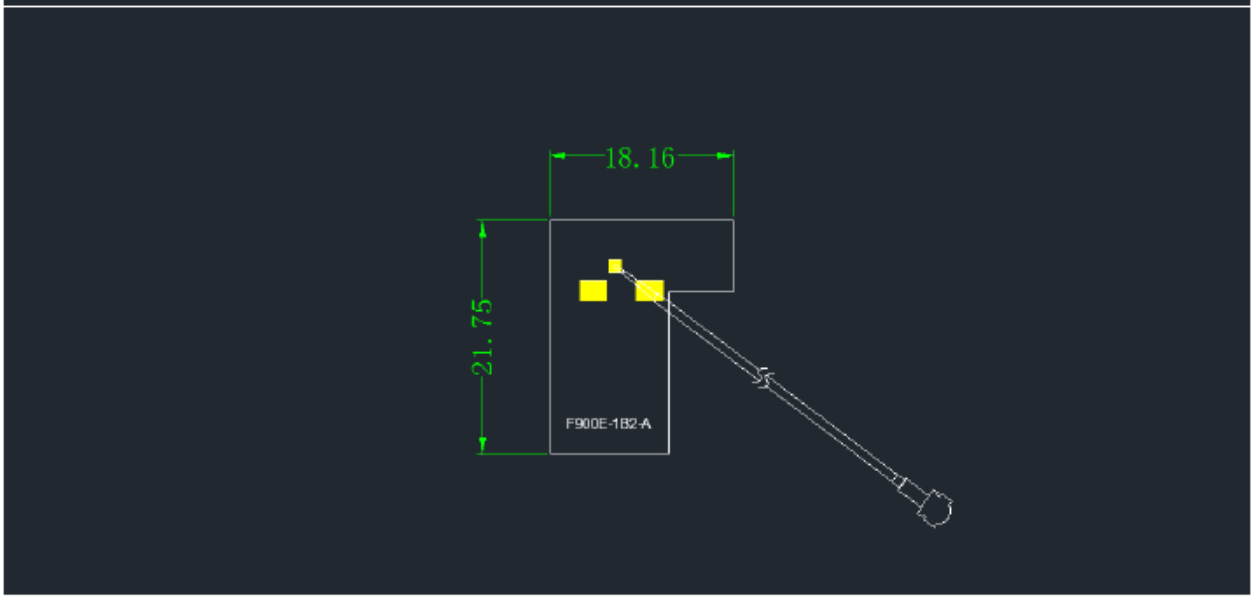
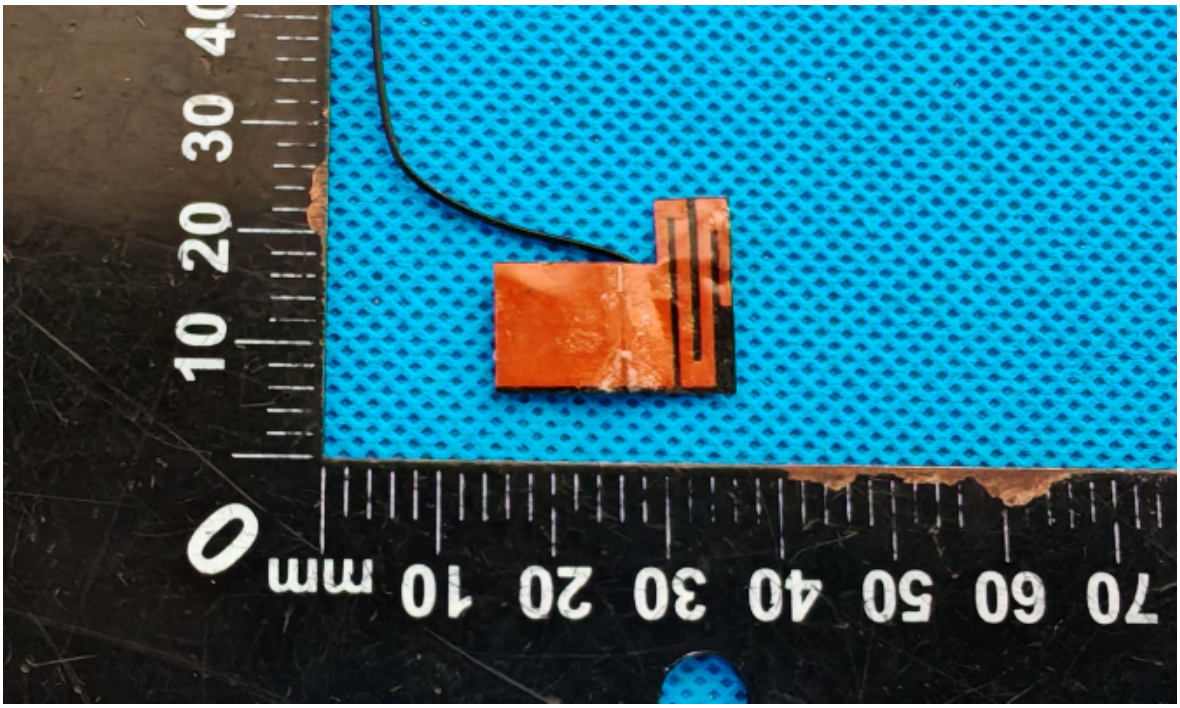




5. The production index

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
1575/2400-2500/5050-5850	VSWR（量产产品）<VSWR(设计样品)+0.5

6.structural drawings