



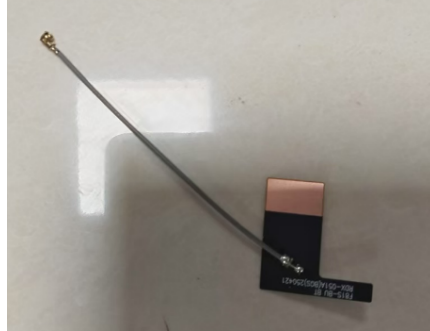
1.Antenna Specification/天线技术参数

1.1: Electrical Specification/电气特性	
Freq.Range/频段范围（MHz）	2400-2500
Impedance/阻抗（Ω）	50
Directional/辐射方向	Omni directional
Polarization/极化方式	Linear
Gain/增益（dBi）	2.15
1.2: Mechanical Specification/机械指标	
Material/材质	FPC
Connector Type/连接器类型	One-piece terminal
1.3: Environmental Specification/环境指标	
Operation temp/工作温度	-40℃～+85℃
Storage temp/储存温度	+19℃～+23℃

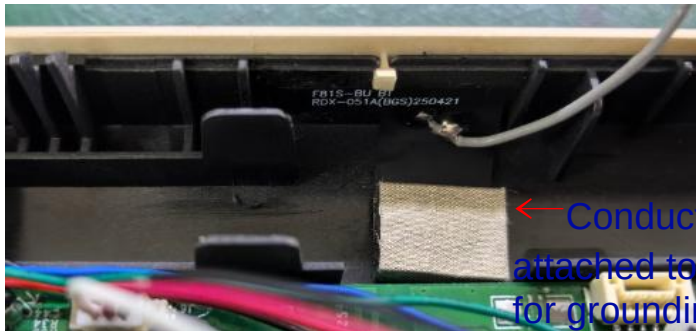


2. Antenna Picture / 天线图片

2.1: Antenna Picture/天线图片



2.2: Installation Instructions/安装说明



Conductive foam should be attached to the top of the antenna for grounding

2.2: Darkroom equipment testing/暗室测试设备



16-probe OTA testing system

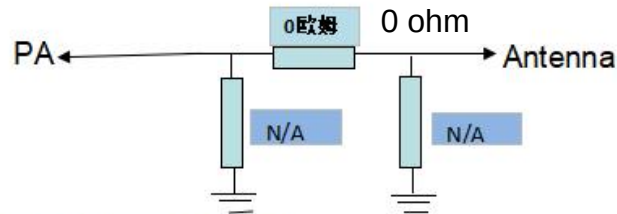


3.Test Report/测试报告

3.1: The matching circuits/匹配电路

天线匹配电路

Antenna matching circuit



天线匹配电路没有更改

Antenna matching circuit not change

3.2: Analog test data/有源测试数据

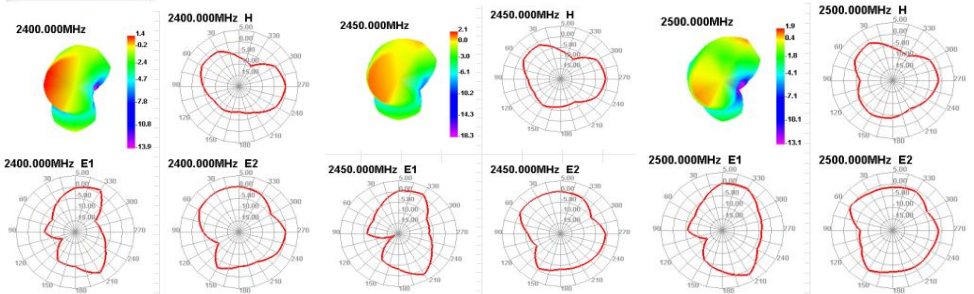
BT天线有测试数据 Antenna test data

Band	Channel	TRP	TIS
BT	0	3.14	-82.63
	39	3.38	-84.75
	78	3.31	-84.84

1. 效率及增益: Efficiency and Gain

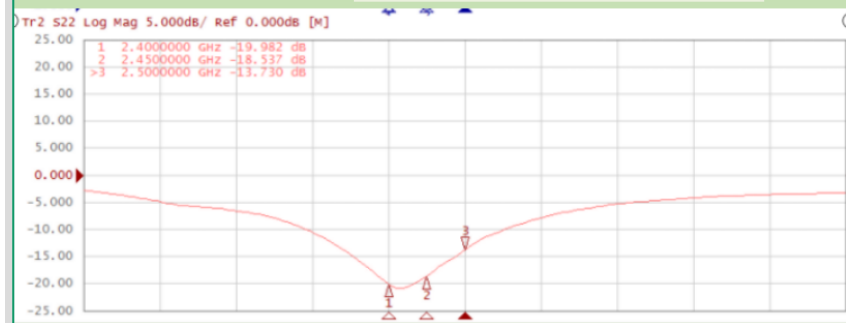
Freq (MHz)	Effi (%)	Gain (dBi)
2400	51.08	1.37
2410	53.46	1.81
2420	53.33	1.8
2430	53.76	1.99
2440	53.99	1.99
2450	54.43	2.05
2460	54.18	2.14
2470	54.22	2.15
2480	54.39	2.11
2490	54.27	1.99
2500	54.18	1.9

3. 方向图: directional diagram



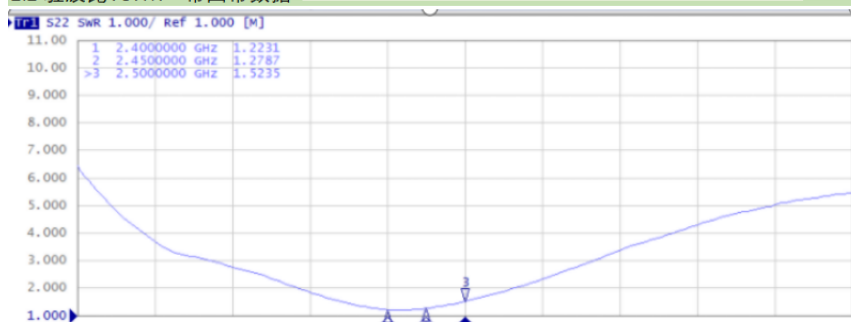
1.3 回波损耗S11(dB): 带图带数据

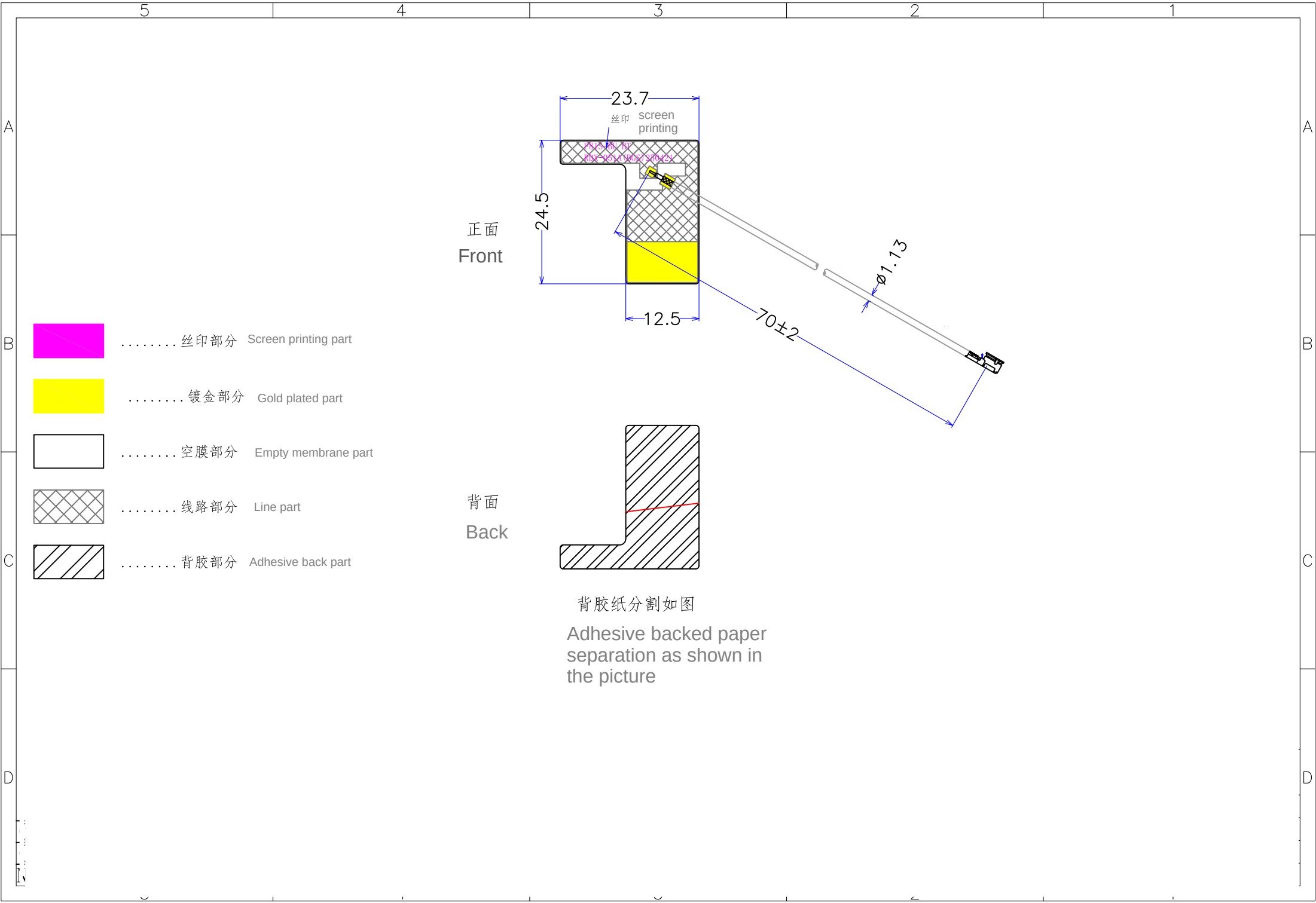
Return loss S11 (dB): with graph and data

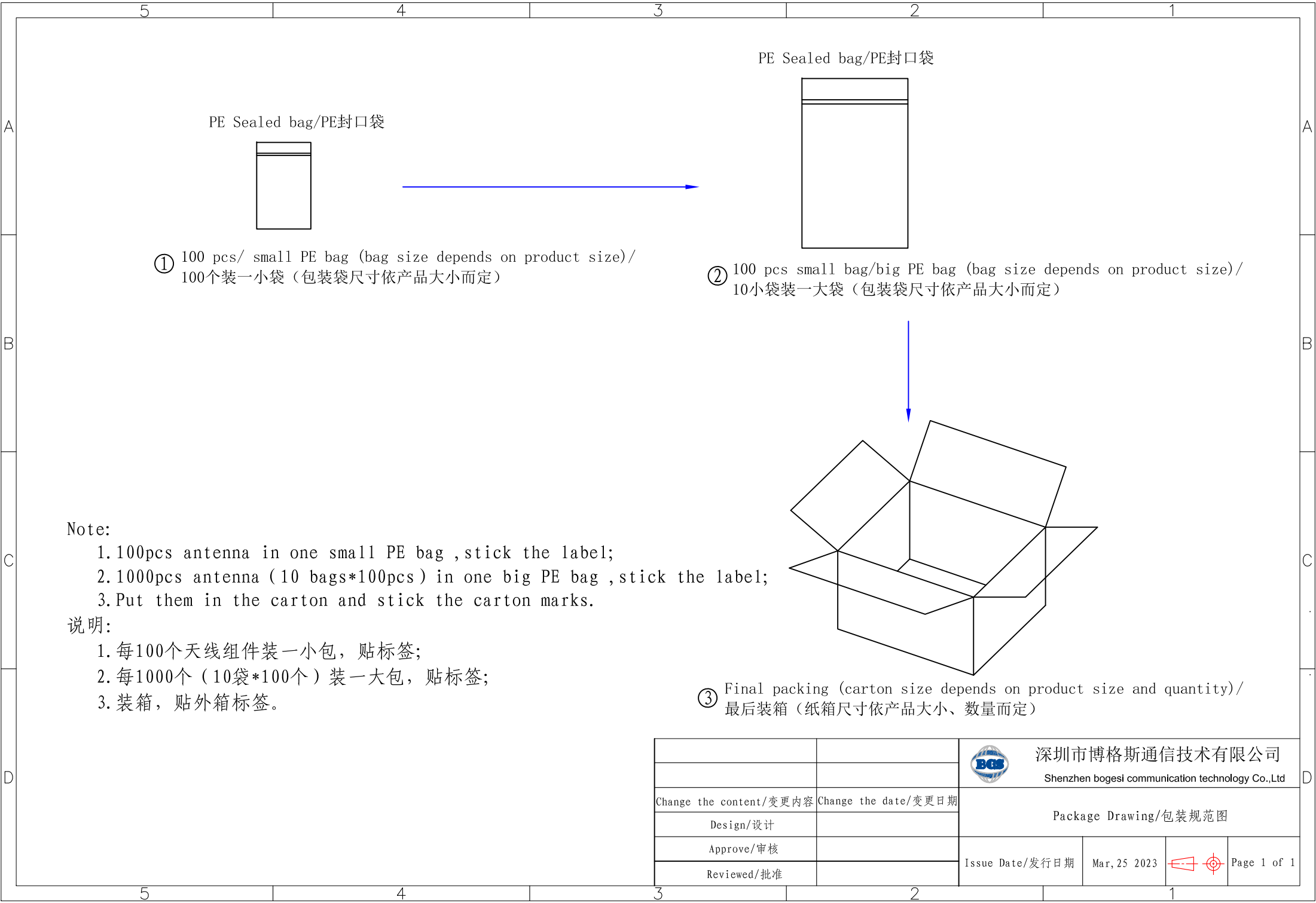


1.1 驻波比VSWR: 带图带数据

Standing Wave Ratio (VSWR): with graph and data

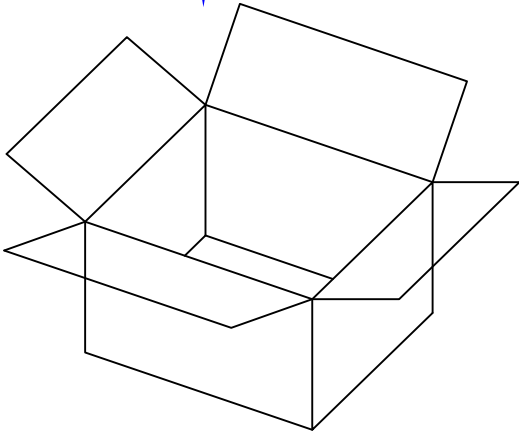






① 100 pcs/ small PE bag (bag size depends on product size)/
100个装一小袋（包装袋尺寸依产品大小而定）

② 100 pcs small bag/big PE bag (bag size depends on product size)/
10小袋装一大袋（包装袋尺寸依产品大小而定）



③ Final packing (carton size depends on product size and quantity)/
最后装箱（纸箱尺寸依产品大小、数量而定）

- Note:
- 1.100pcs antenna in one small PE bag ,stick the label;
 - 2.1000pcs antenna (10 bags*100pcs) in one big PE bag ,stick the label;
 - 3.Put them in the carton and stick the carton marks.

- 说明:
- 1. 每100个天线组件装一小包，贴标签；
 - 2. 每1000个（10袋*100个）装一大包，贴标签；
 - 3. 装箱，贴外箱标签。

		 深圳市博格斯通信技术有限公司 Shenzhen bogesi communication technology Co.,Ltd			
Change the content/变更内容	Change the date/变更日期	Package Drawing/包装规范图			
Design/设计		Issue Date/发行日期 Mar, 25 2023  Page 1 of 1			
Approve/审核					
Reviewed/批准					