



SPECIFICATION FOR APPROVAL/产品承认书

Customer Name

客户名称: 鼎合远传技术（北京）股份有限公司

Customer P/N.

客户料号: D5360000013001

Product Description

产品描述: D50 NFC天线

BGS P/N

博格斯料号: DHY-004C (RA版)

Manufacturer

制造商: 深圳市博格斯通信技术有限公司

Approve Date

承认日期: 2024年12月27日

BGS Sign and Seal/供应商签章	Customer Sign and Seal/客户签章

Change the content/变更内容	Version/版本	Date/日期
First Release/初版	RA	2024/12/27

Note: 1. After the electronic file or paper file that has been stamped by BGS and was provided to the customer,, the customer need to sign the paper or electronic file of the approval back to BGS before place the formal order to BGS. If there is no formal change or change notice, BGS acqu iesce that the customer approval and accept this specification of product .

2. The relevant intellectual property rights of this product are owned by Shenzhen Bogesi Communication Technology Co., Ltd. Without the permission of our BGS, please do not apply for patent rights for this product in other names, and please do not disclose this product and related information to others or provide to third-party for viewing and use.

注: 1、博格斯已经盖章的电子档或是纸质档提供给需求方后, 请需求方在下达正式订单给博格斯前,将承认书纸质档或电子档回签给博格斯, 如没有正式的变更或是更改通知, 则博格斯默认为需求方认可并接受规格书所述产品。

2、本产品相关知识产权归深圳市博格斯通信技术有限公司所有, 未经我司许可, 请不要以其他名义就本产品进行专利权的申请, 请不要将本产品及相关资料泄露给他人或提供第三方阅览使用。



Directory/目录

Cover/封面-----	1
Directory/目录-----	2
Antenna Specification/天线技术参数-----	3
Antenna Picture/天线图片-----	4
Test Report/测试报告-----	5
Finished Product Drawing/成品图-----	6
Package Drawing/包装图-----	7
ROHS Report/ROHS报告-----	8



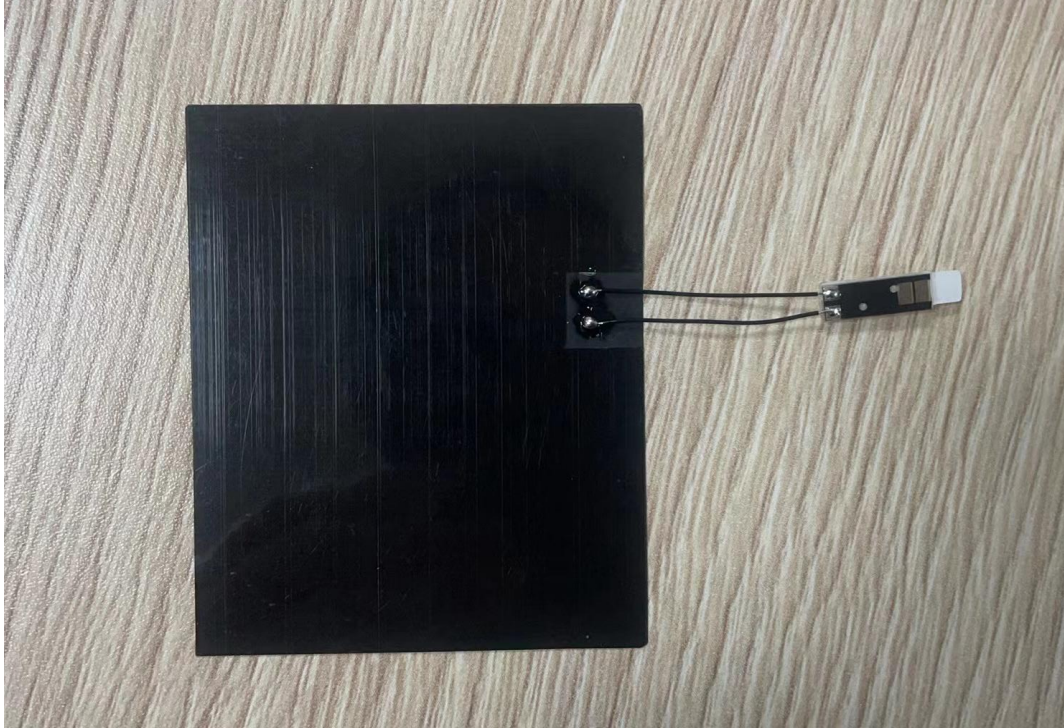
1.Antenna Specification/天线技术参数

1.1: Electrical Specification/电气特性	
Freq.Range/频段范围（MHz）	13.56
Directional/辐射方向	Omni directional
Polarization/极化方式	Linear
Inductance value/电感值（μH）	1.1
1.2: Mechanical Specification/机械指标	
Material/材质	FPC+铁氧体+PCB
Cable Type/射频线型号	10064 30AWG 7/0.10TS OD0.53
Connector Type/连接器类型	N/A
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

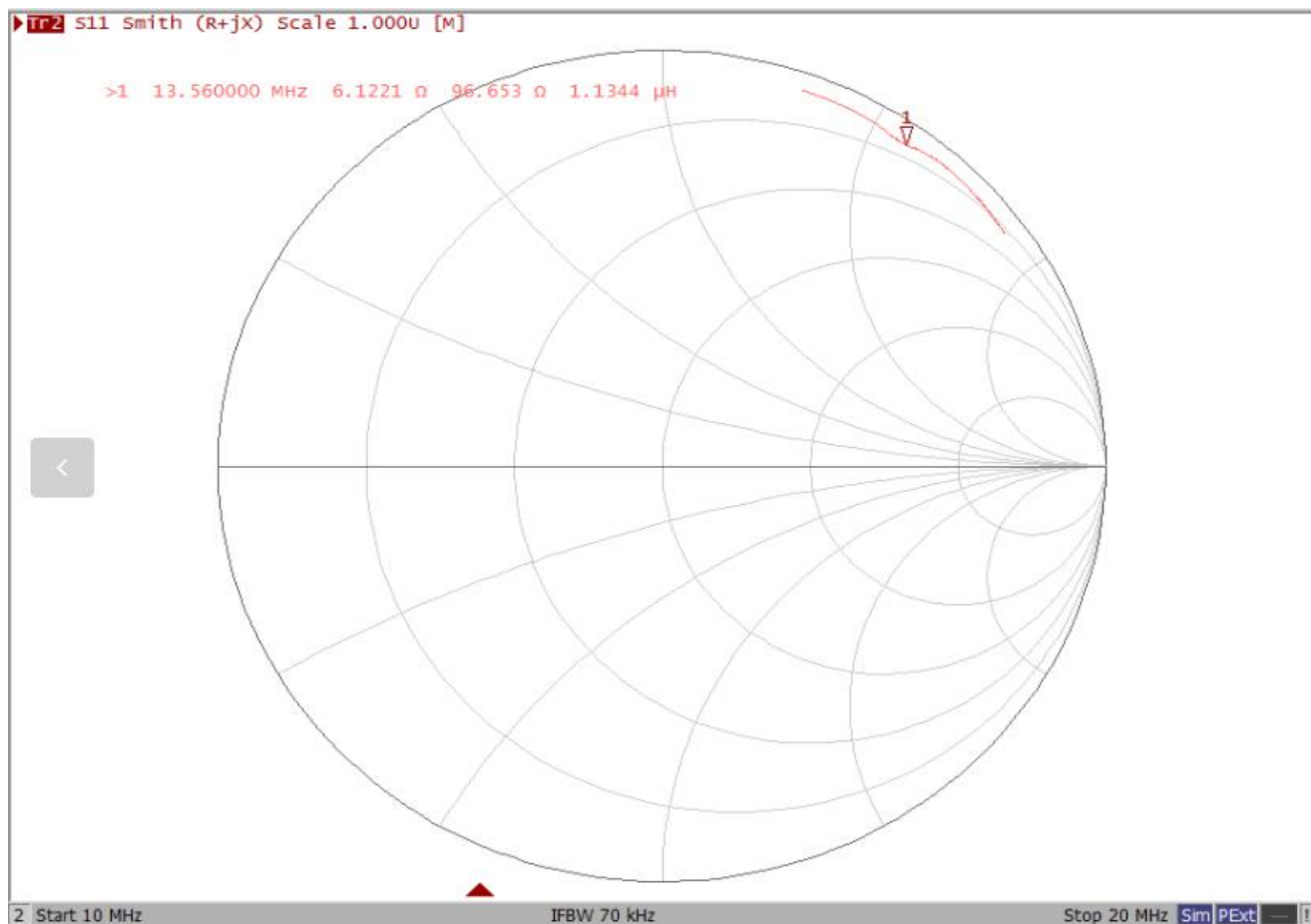
2.1: Antenna Picture/天线图片

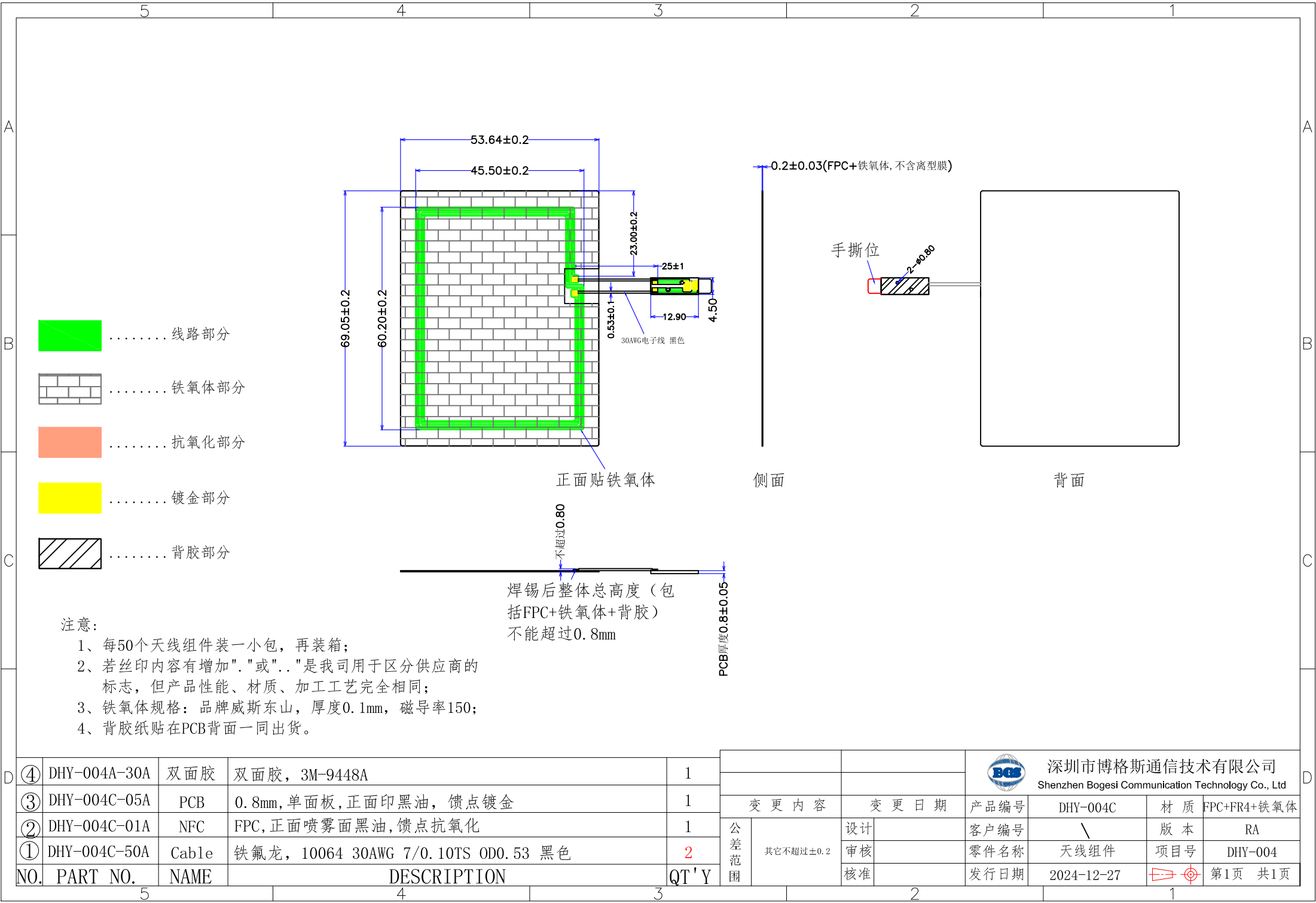




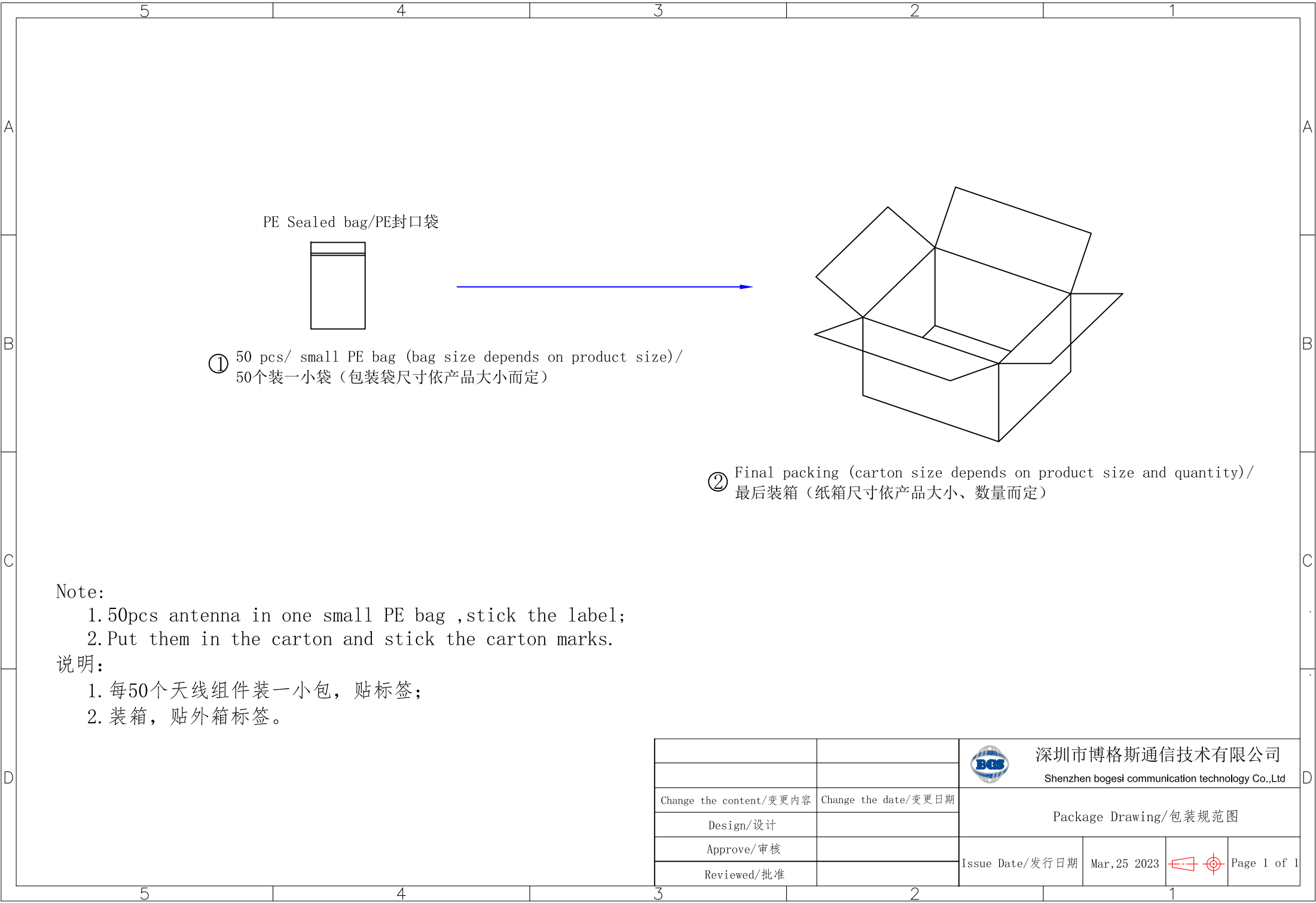
3.Test Report/测试报告

3.2: Smith chart 史密斯图





D	④	DHY-004A-30A	双面胶	双面胶, 3M-9448A	1						深圳市博格斯通信技术有限公司 Shenzhen Bogesi Communication Technology Co., Ltd				D
	③	DHY-004C-05A	PCB	0.8mm, 单面板, 正面印黑油, 镀点镀金	1	变 更 内 容		变 更 日 期			产品编号	DHY-004C	材 质	FPC+FR4+铁氧体	
	②	DHY-004C-01A	NFC	FPC, 正面喷雾面黑油, 镀点抗氧化	1	公差 范围	其它不超过±0.2	设计		客户编号	\	版 本	RA		
	①	DHY-004C-50A	Cable	铁氟龙, 10064 30AWG 7/0.10TS OD0.53 黑色	2			审核		零件名称	天线组件	项目号	DHY-004		
	NO.	PART NO.	NAME	DESCRIPTION		QT'Y			核准		发行日期	2024-12-27		第1页 共1页	
5			4			3			2			1			



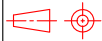
PE Sealed bag/PE封口袋

① 50 pcs/ small PE bag (bag size depends on product size)/
50个装一小袋 (包装袋尺寸依产品大小而定)

② 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. 50pcs antenna in one small PE bag ,stick the label;
 - 2. Put them in the carton and stick the carton marks.

- 说明:
- 1. 每50个天线组件装一小包，贴标签；
 - 2. 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					
Approve/审核		Issue Date/发行日期	Mar,25 2023		Page 1 of 1
Reviewed/批准					



6.ROHS Report/ROHS报告

Product Description 产品描述		NFC天线	BGS P/N 博格斯料号		DHY-004C			Declaration Date 宣告日期		2024/12/27
No. 序号	Part name 部件名称	Homogeneous Material Name 均质材料名称	The homogeneous material contains the value of RoHS restricted substance (ppm) 均质物料内含有RoHS限制物质的量值 (ppm)						Certification number 检测报告编号	Test date 检测日期
			Cd	Pb	Hg	Cr+6	PBB	PBDE		
1	FPC	Electrolytic flexible copper-clad foil substrate 有胶柔性覆铜板	ND	ND	ND	ND	ND	ND	SHAEC24000428806	2024/1/12
2		Solder resist ink/阻焊油墨	ND	ND	ND	ND	ND	ND	ETR23202417A02	2024/2/26
3	铁氧体	铁氧体	ND	ND	ND	ND	ND	ND	A2240023150101001E	2024/1/15
4	PCB	FR4	ND	17	ND	ND	ND	ND	CANE23010851118	2023/10/11
5		Solder resist ink/阻焊油墨	ND	ND	ND	ND	ND	ND	C240226055001-1	2024/2/29
6		Text ink/文字油墨	ND	ND	ND	ND	ND	ND	C240226055002-1	2024/2/29
7	Wire 线材	RF coaxial cable/RF同轴电缆	ND	ND	ND	ND	ND	ND	SZxec24002490603	2024/8/8

Notes:

Material analysis expansion table is similar to our company's machine type BOM, which describes the composition of each material provided by the supplier, and then conducts RoHS control on each component (or the supplier shall conduct RoHS compliance management on his supplier, and provide tripartite inspection certificate).

A complete material analysis expansion table that includes:

1. Material expansion table: component composition decomposition
2. Third-party verification report of each component

说明:

材质分析展开表类似于我们公司的机种BOM，就供应商提供的每个物料进行组成说明，然后就每一种组成进行ROHS控制（或者说供应商要对他的供应商进行ROHS符合性管理，提供每三方检测证明）。

一份完整的材质分析展开表，它包括:

- 1 材质展开表:零件组成分解
- 2 各组成的第三方验证报告