

移动通信终端天线

Mobile communication terminal antenna

产品设计与制造规格书

Product design and manufacturing specifications

◆ 客户名称/ Customer :

◆ 项目名称/Projec: H101B

◆ 物料名称/Name: NFC 天线

◆ 物料编号/Part no: TX000012

◆ 设计/Designer :

◆ 审核/Check :

◆ 客户确认签章/Approved:

地址/Add: 深圳市南山区西丽镇平山一路云谷二期 8 栋 505

Rm505, 8th building, Yungu 2nd period, pingshan No.1 Road, Xili Town,Nanshan District, ShenZhen , China

目录/list

1.天线 2D 图/Antenna 2D diagram

2.动态测试说明/Dynamic test instruction

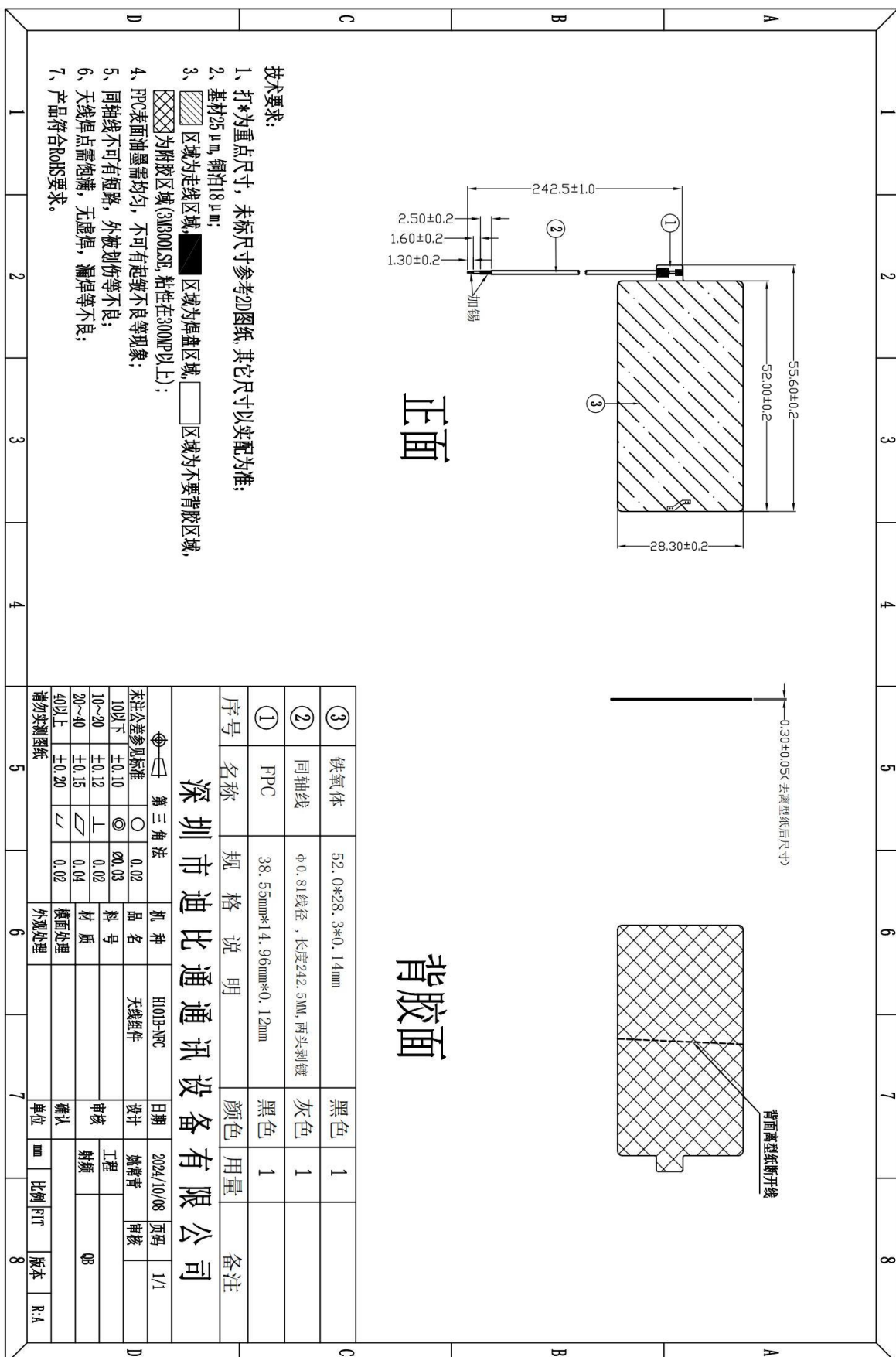
3.匹配电路/Matching Circuit

4.天线测试数据/Antenna test report

5.环境处理/Environmental treatment

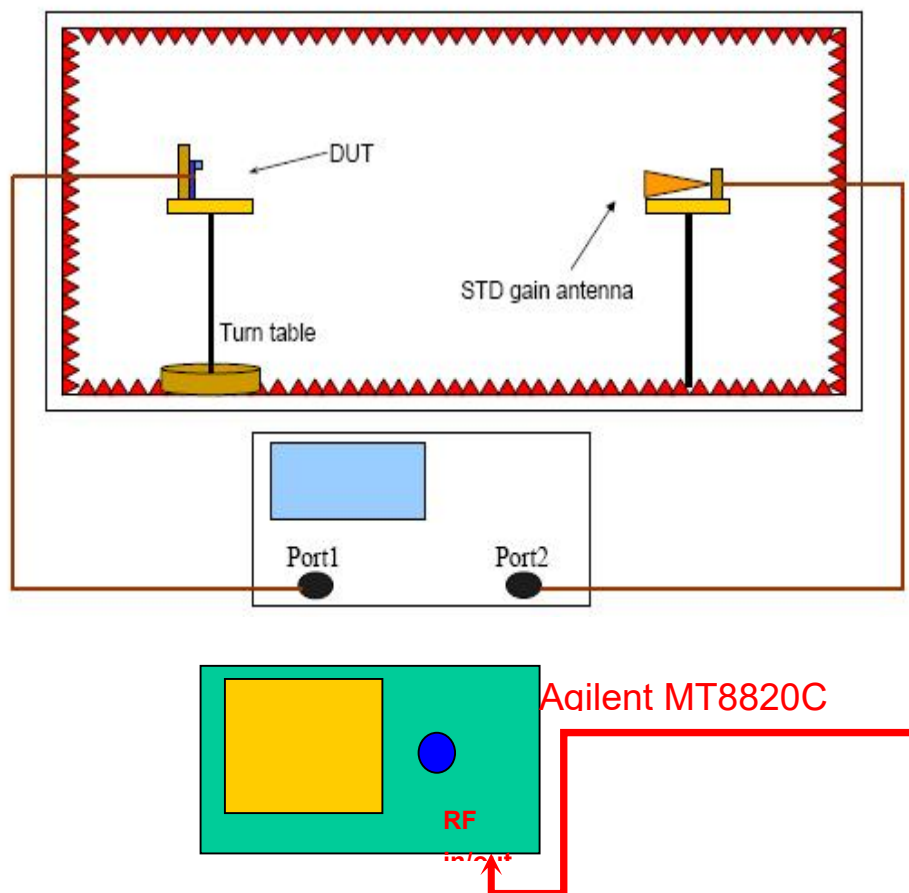
6.包装方式/Packing method

1. 天线 2D 图/Antenna 2D diagram

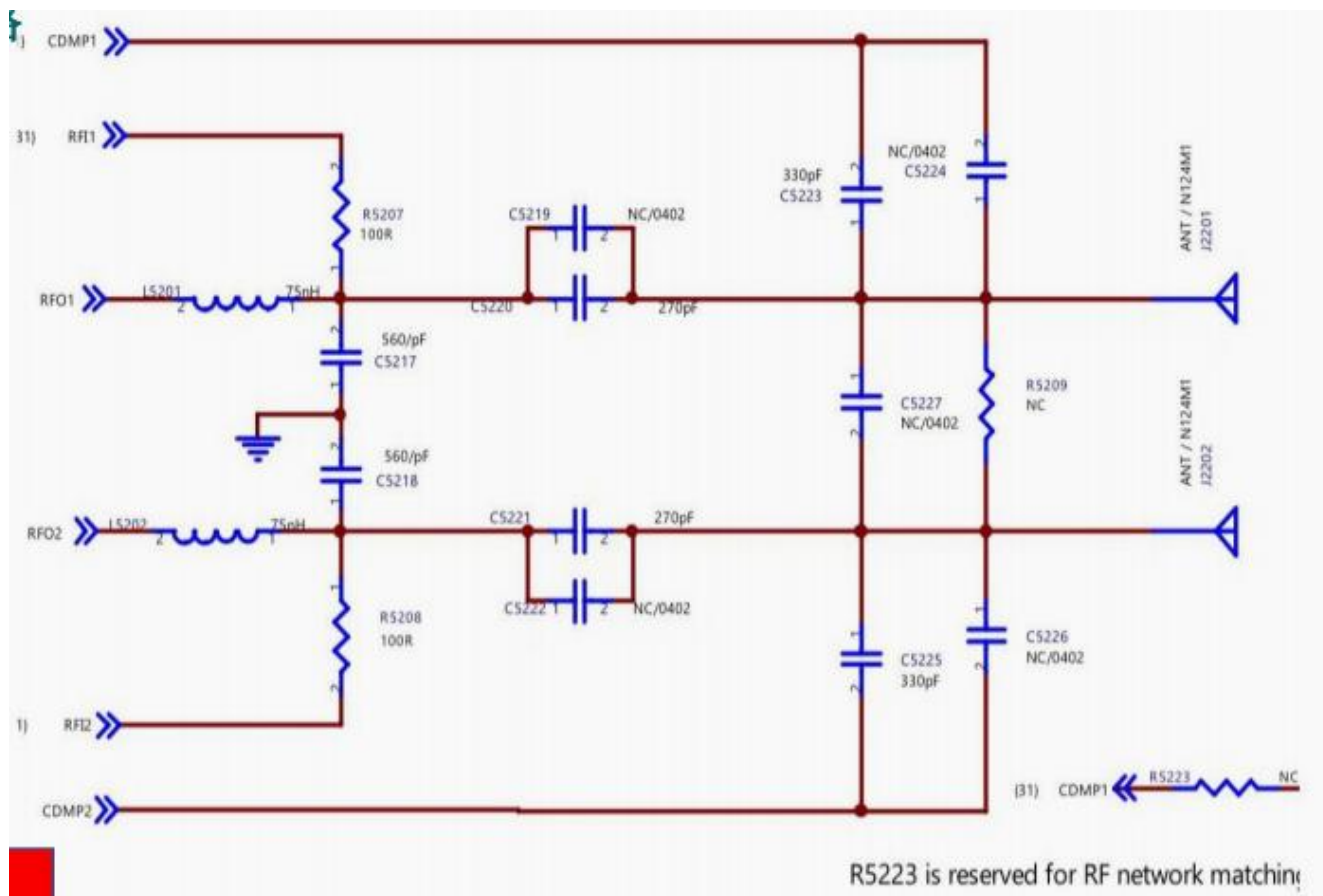


2.动态测试数据--- 天线安置在设备里/Dynamic test instructions - Antennas are placed in electronic scales

测试仪器/ Testing instrument : Anrits CMW500+ Anechoic Chamber 6X4X3m(3D-OTA)



3.匹配电路/Matching Circuit



匹配改动

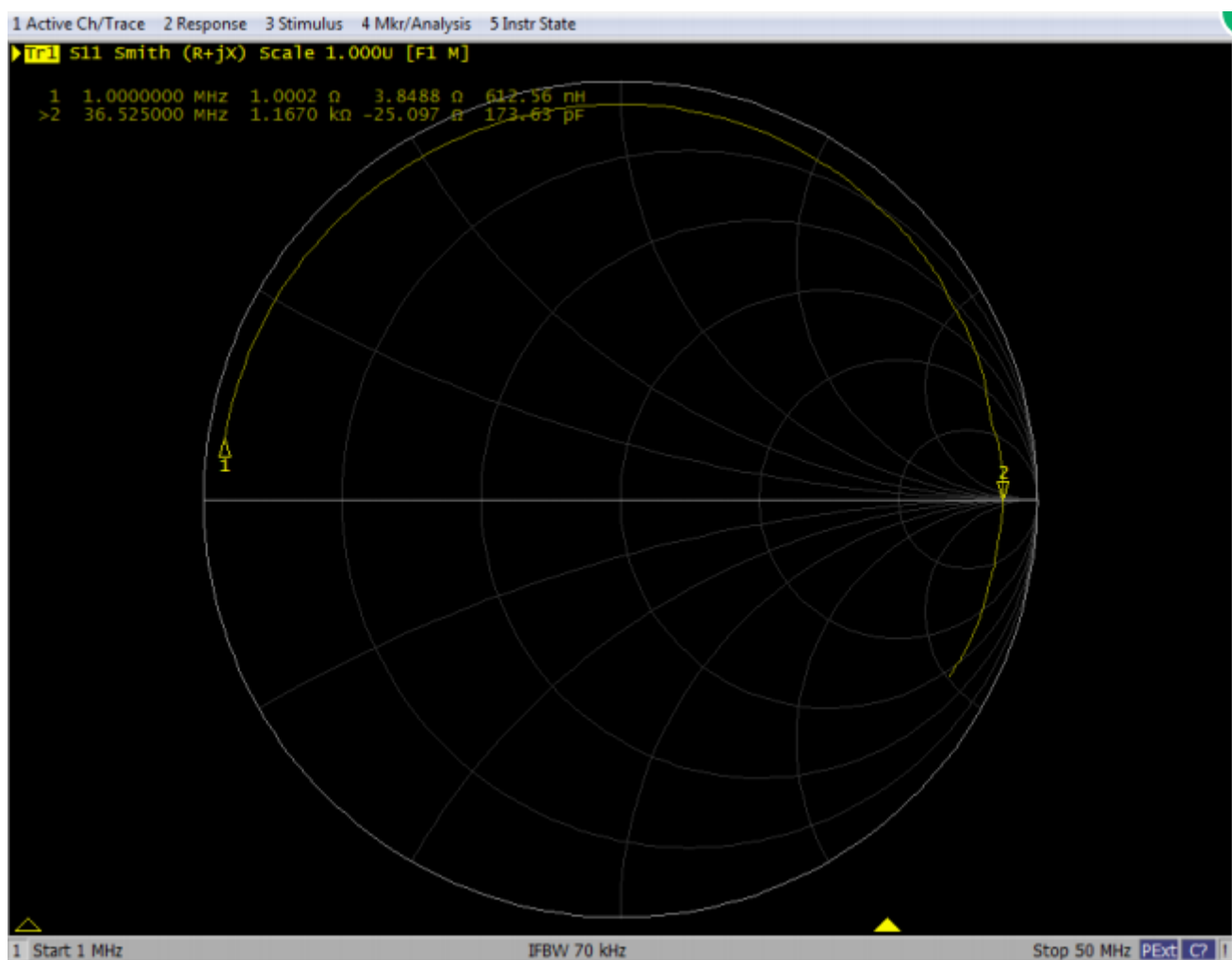
位号	值
C5220/C5221	150pF
C5223/C5225	220pF
C5224/C5226	22pF

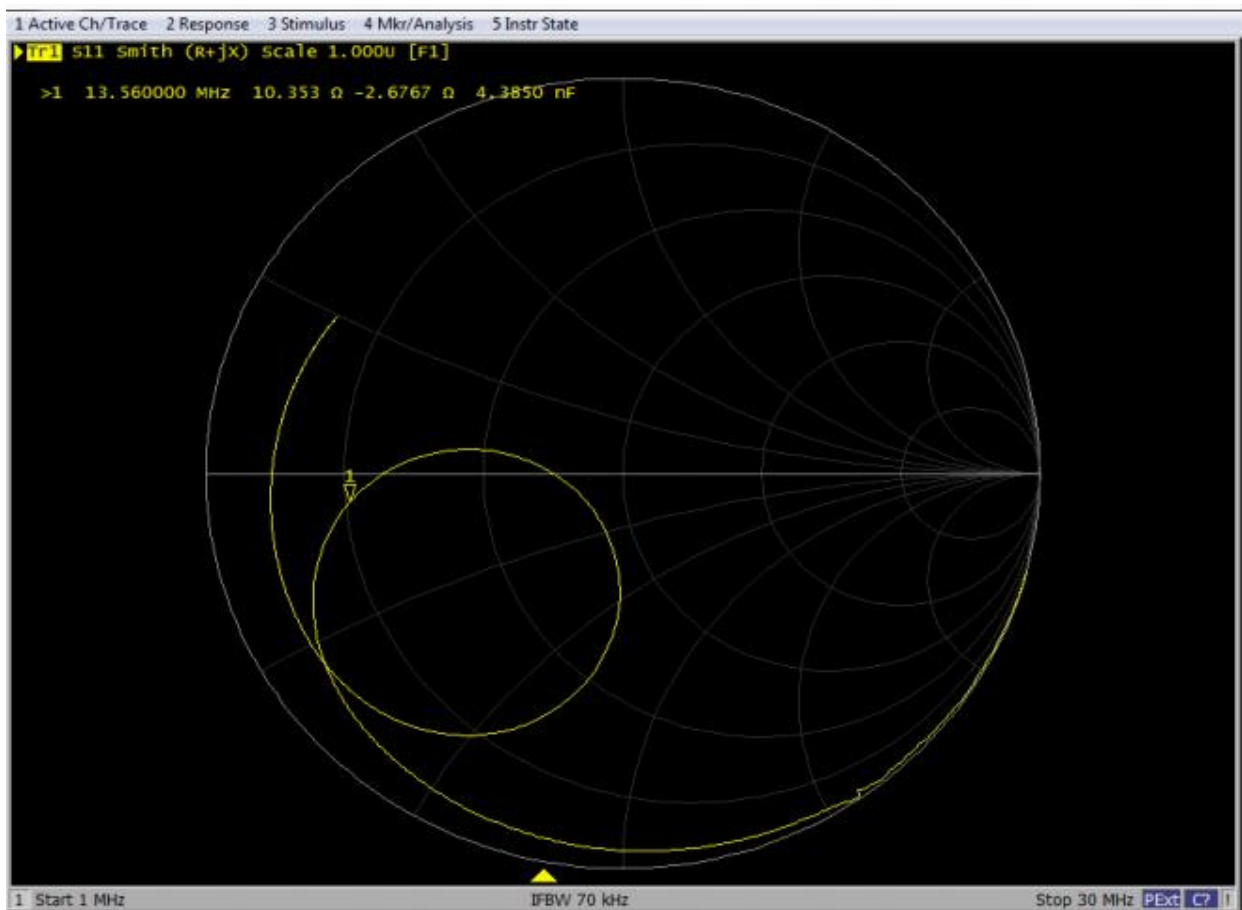
(The match has changed)

4.NFC 天线测试数据/NFC Antenna test report

4.1) NFC Smith Chart

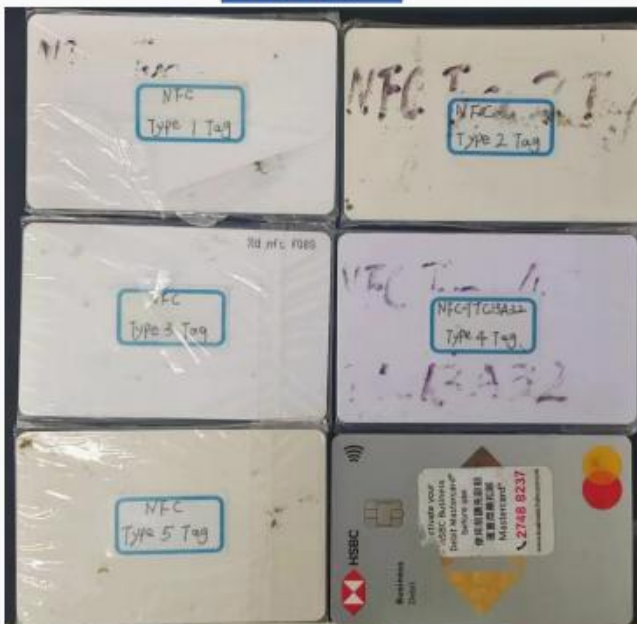
等效电参数	测量计算值
La	612nh
Rs	1Ω
R p	1.16KΩ
Fra	36.5Mhz





4.2) NFC 实测数据/ NFC Actual measurement data

测试卡



卡类型号	读卡距离
Type1	35mm
Type2	27mm
Type3	33mm
Type4	27mm
Type5	30mm
HSBC银行卡	32mm

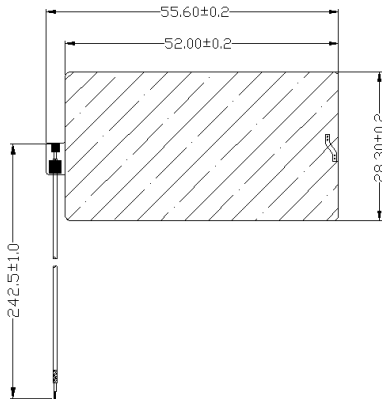
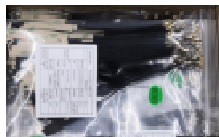
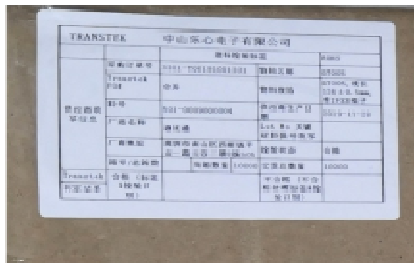
5.环境处理/Environmental treatment



环境处理未改变

(Environment treatment unchanged)

6.包装方式/Packing method

1. 单个产品 2D 图/2D drawing of the product		产品料号/ The product material number			
		产品名称 / Product name		NFC 天线	
		产品版本/ Product version		V1	
2. 箱内所有层堆放后的照片 /Photos of all stacked layers in the box		3. 整箱封箱后的照片/ Photo of the whole case after sealing			
				整包数量/ Number of full pages 200PCS	
		备注:每箱数量以实际为准, 左侧图片为参考, 按实物为准。 /Remarks: the quantity of each box shall be actual, the picture on the left side shall be for reference, and the actual goods shall be regarded as standard.			
4. 整包的照片/ A whole pack of photos		5. 整箱的箱表面贴的标签的照片/A photograph of the label on the surface of the entire case		储存条件: -10° 至 30° 之间, 湿度 70%RH 以下的室内。 /Storage conditions:between -10 ° to 30 ° , humidity 70% Rh below the indoor.	
					
注: 上图中的图片只用做包装标准示范, 不能用做最终资料审核。 /Note: the picture in the picture above is only used for packing standard demonstration, not for final data audit.					
确认者 /Confirmer	杨小平/ Yang Xiaoping		日期/Date	2024-12-12	

注/Remark:

1. 以上测试结果限于测试样机/The above test results are limited to the test prototype.
2. 整机壳料工艺、软件版本、配件(摄像头 FPC、喇叭、听筒、马达、电池等)、芯片的改变都会导致整机天线性能变化。/Full shell material technology, software version, accessories (camera, FPC, speaker, receiver, motor, battery, etc.), core
The performance of the whole antenna will change with the change of the chip.
3. 整机的环境处理(如接地位置、尺寸, 屏蔽方式等)改变会导致整机性能变化。/The change of environmental treatment (such as grounding position, size, shielding mode, etc.) of the whole machine will lead to the change of the performance of the whole machine.

郑重声明/Solemnly declare:

此款天线设计、研发知识产权为我司所有, 如发现有相同产品未经我司允许供应给贵司, 我司将依法追究相应法律责任, 请尊重知识产权, 您的支持是我们的无限动力, 谢谢合作! /This antenna design and R&D intellectual property rights are owned by our company. If we find that the same products are supplied to your company without our permission, we will pursue the corresponding legal responsibility according to law. Please respect intellectual property rights. Your support is our unlimited power. Thank you for your cooperation.