

承认书

APPROVAL SHEET

样品封订

客户名称 Customer Name Queclink

产品型号 Product Model M100

客户料号 Customer P/N QK1027200165

南斗星料号 SouthstarP/N N14-6215-R0A

制作日期 Production date 2019-11-04

封样版本 Sample Version A 版

南斗星 (Southstar)		
编制 (FICTION)	品质 (DQE)	研发 (R&D)
客户 (Customer)		
采 购 (PUR)	品质 (QC)	研发 (R&D)

生产厂商：深圳市南斗星科技有限公司
SOUTH STAR TECHNOLOGY SHEN ZHEN COMPANY LIMITED

网 址：WWW.SZ-SOUTHSTAR.COM

南斗星科技深圳有限公司

SOUTH STAR TECHNOLOGY SHEN ZHEN COMPANY LIMITED

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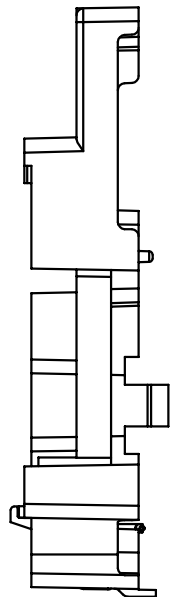
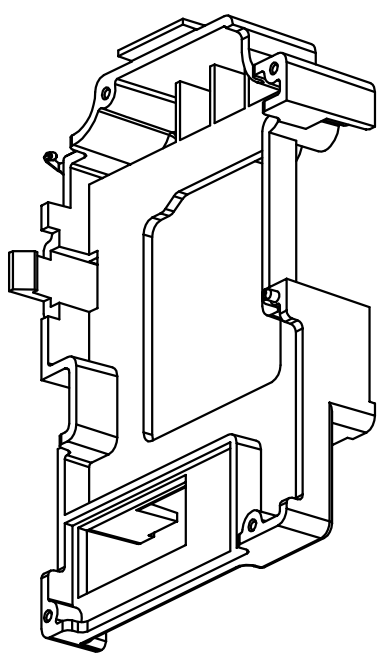
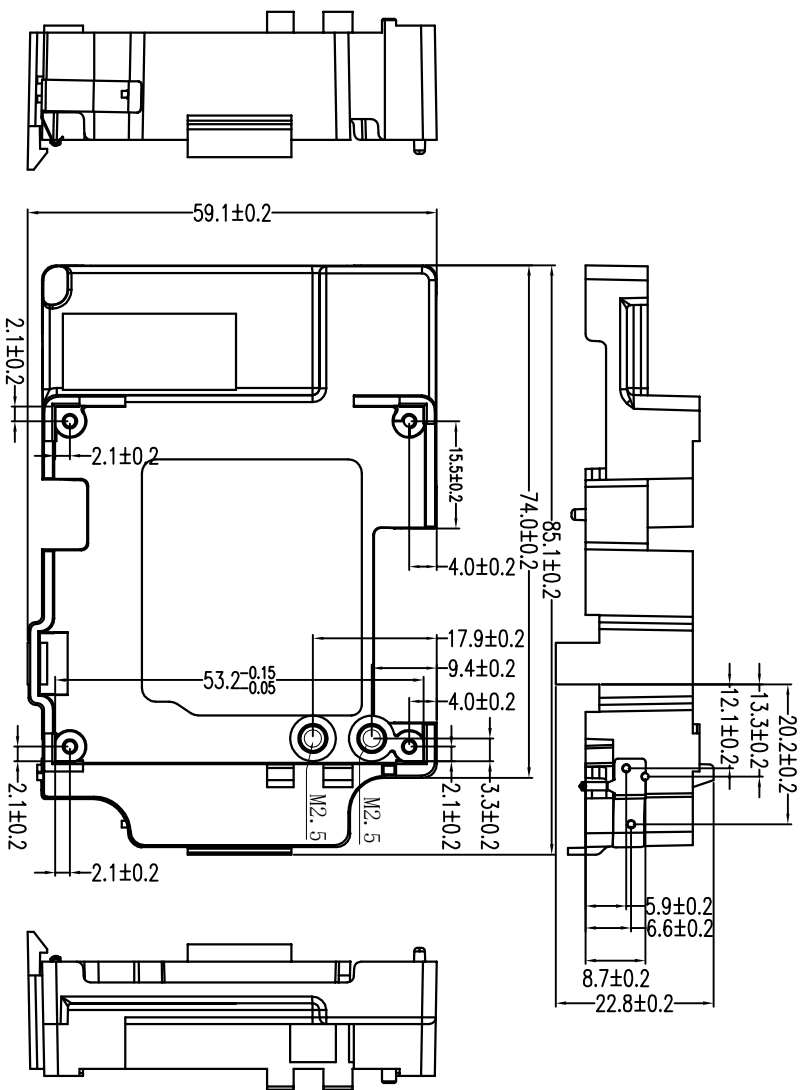
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基本参数(The basic parameters)

A. Electrical Characteristics	
Frequency	2400MHZ~2500MHZ
VSWR	< 2
Efficiency	>35%
Impedance	50 Ω Norminal
Polarization	Linear
Peak Gain	1.5 1 dBi
B. Material & Mechanical Characteristics	
Material of Radiator	steel sheet
Cable Type	NA
Connector Type	shrapnel
Dimension	reference drawing
C. Environmental	
Operation Temperature	- 20 °C ~ + 60 °C
Storage Temperature	- 20 °C ~ + 80 °C



备注：
 1.带“*”的尺寸为重点尺寸；
 2.可靠性测试按手机天线特性检验规范。

No.	Name	Material	Color	Treatment	Amount	Remark
3	螺母	黄铜M2.5, 4*4	金色		2	
2	弹片	SUS301, T:0.15mm	本色		1	
1	支架	ABS	白色		1	

		深 圳 南 斗 星 科 技 有 限 公 司 SHEN ZHEN SOUTHSTAR CO., LTD	
Project	M100	Date	2020-04-10
Part Name	WiFi天线组件	Designed by	邹荣凯
Part No.	M14-6215-R0A	Checked by	周洪亮
Material		PE	
Treatment	M14-6215-R0A	Approved by	
Location		Unit	mm
0~10	±0.2	Scale	1:1
10~20	±0.5	Rev	D
20~40	±0.8		
40~	±1.0		

Rev	Description	Date	Remark
1	New drawing		

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测试设备(Test Equipment & Conditions)

1 测试仪器

VSWR 是使用安捷伦 E5071B 连接到手机制具来测试，状态为自由空间。

2 测试环境及方式

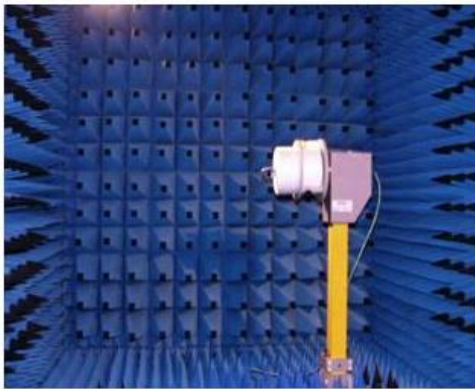
暗室规格：ETS-7 4 3

TD-SCDMA测试设备:StarPoint SP6010/Agilent 8960

LTE-TDD/FDD-SCDMA测试设备:StarPoint SP8011 /CMW500

WCDMA/GSM/CDMA测试设备: Agilent 8960

无源效率测试设备: Agilent Technologies E5071B





**South
star**

Shenzhen South Star Technology Co. Ltd.
103B, Build10, No.198 Zhang Heng Road ,
Pudong New Area, Shanghai

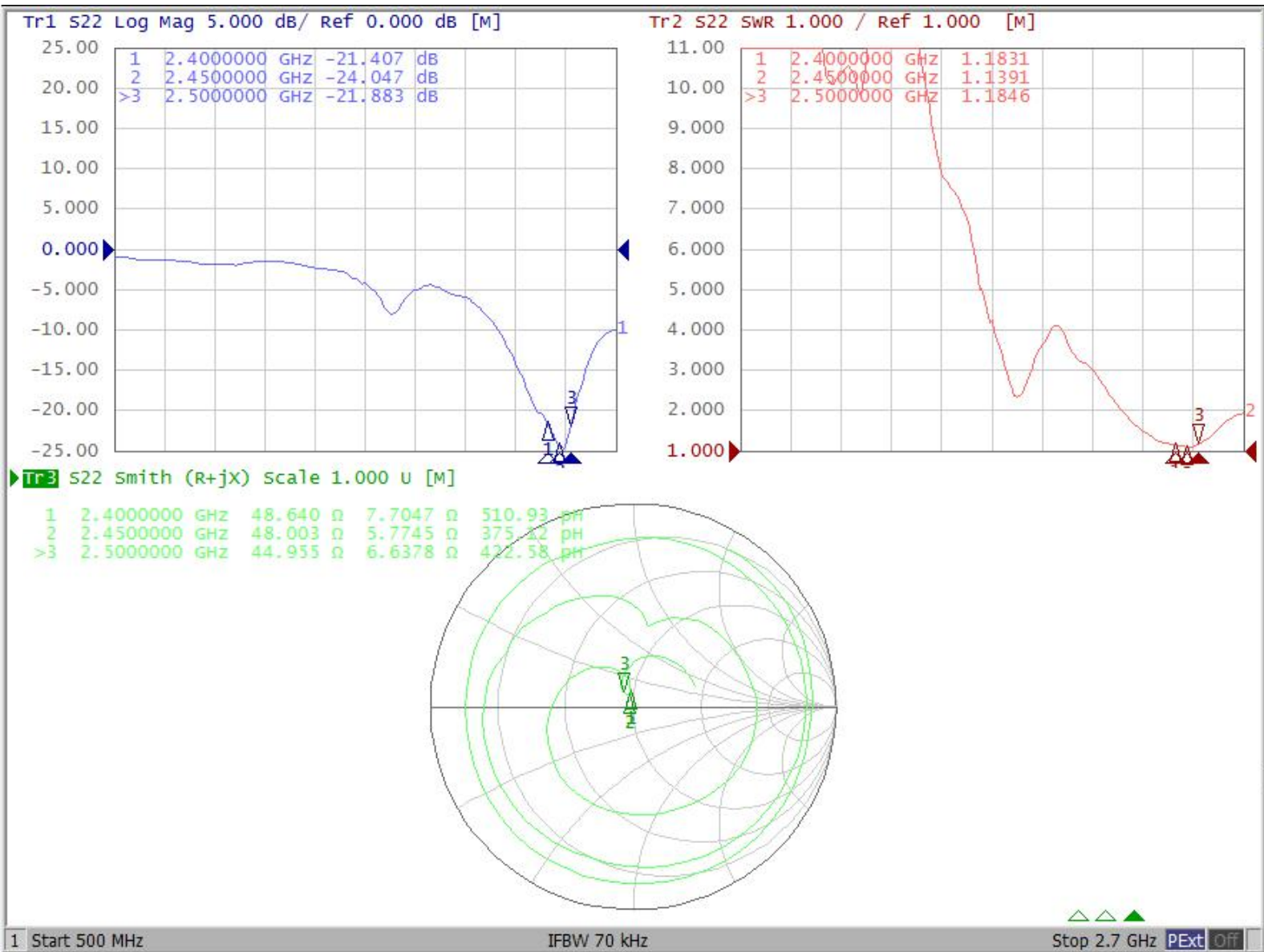
1. Antennas' setup and enviroment With housing





2. Analyzer Measurement

2.1 S11 test results



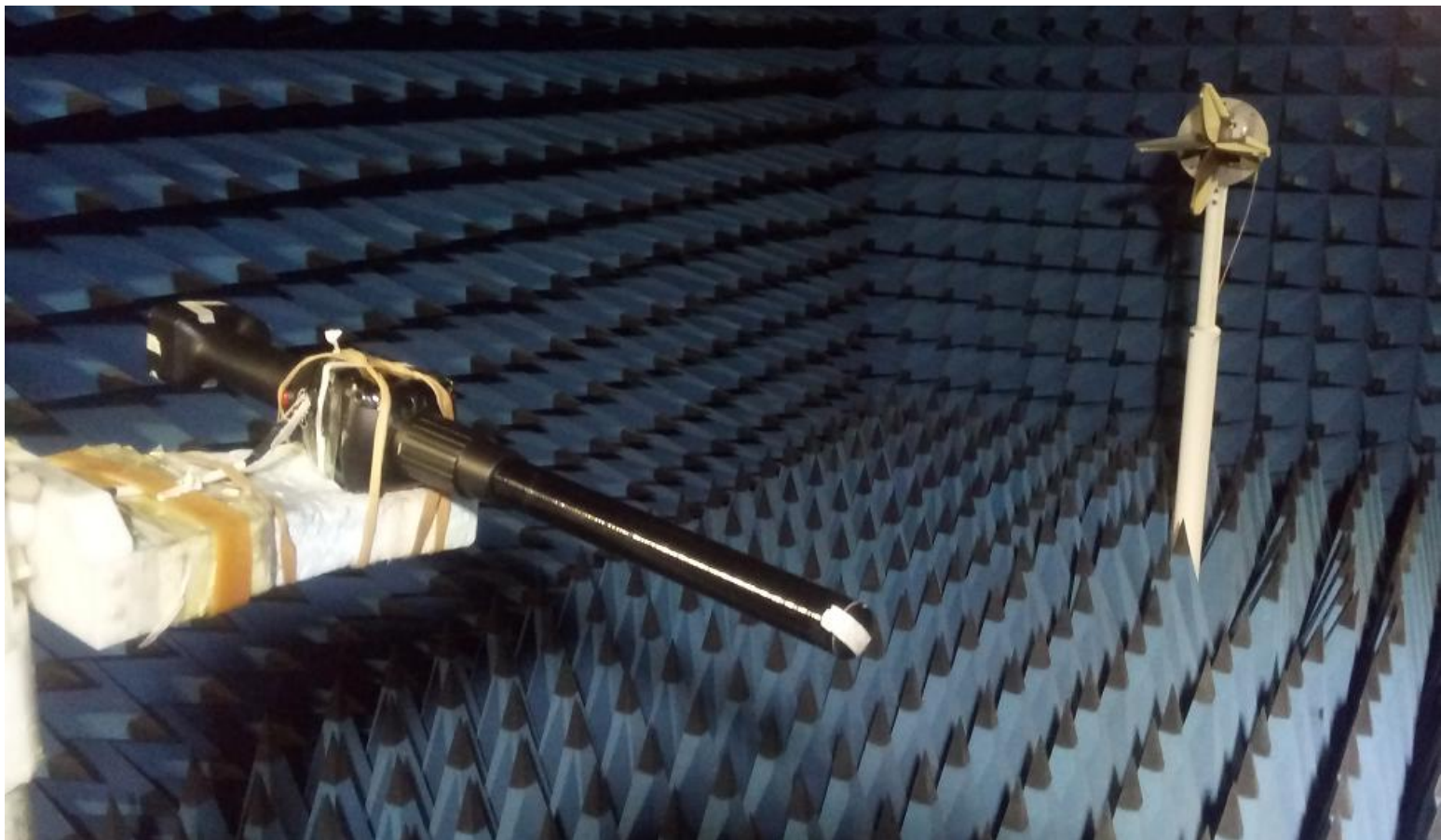


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3. Gain & Patterns test results

3.1 Measurement setting





4.2 3D Peak Gain & Efficiency

Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	41.14	0.75
2410	40.68	0.86
2420	40.88	1.09
2430	40.29	1.03
2440	39.96	1.14
2450	41.7	1.39
2460	39.72	1.23
2470	41.84	1.51
2480	41.05	1.47
2490	39.05	1.26
2500	39.98	1.37

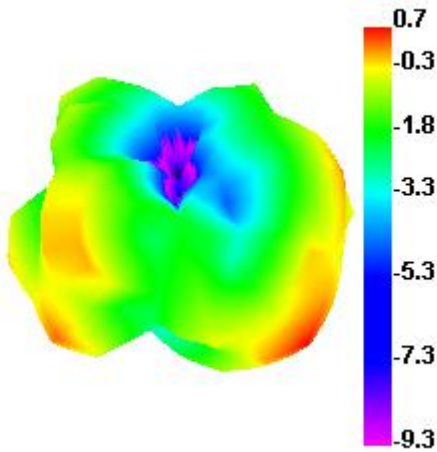


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star**

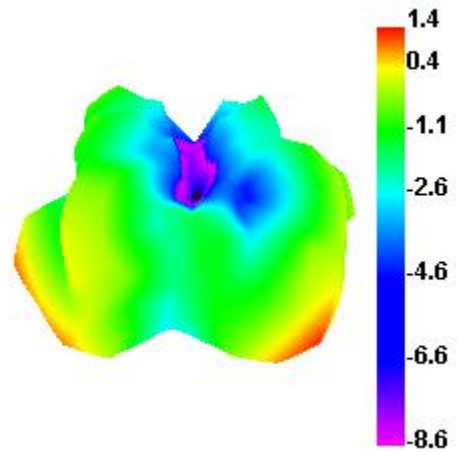
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103B, Build10, No.198 Zhang Heng Road ,
Pudong New Area, Shanghai

3.2 2.4G--2D/3D Patterns

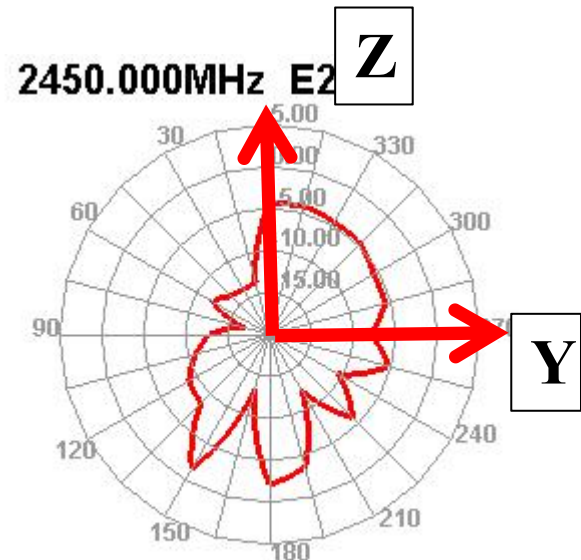
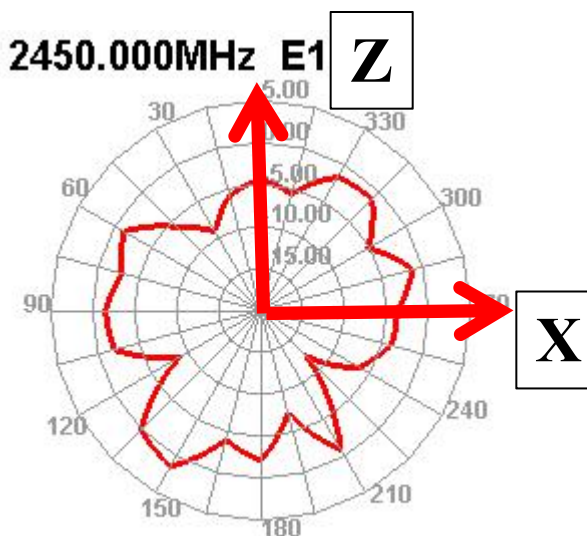
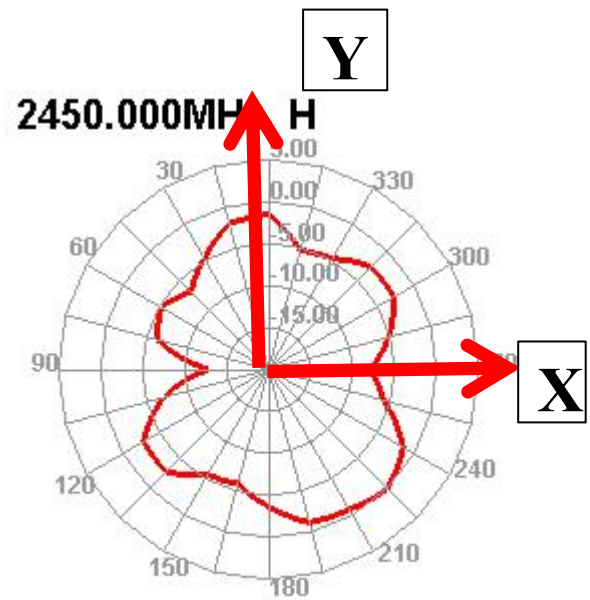
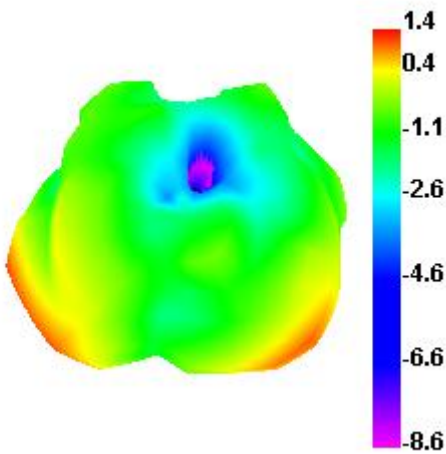
2400.000MHz



2450.000MHz

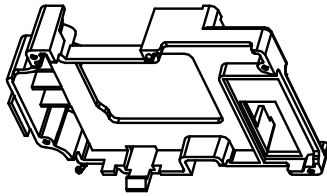


2500.000MHz

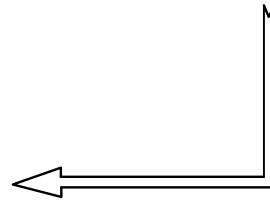
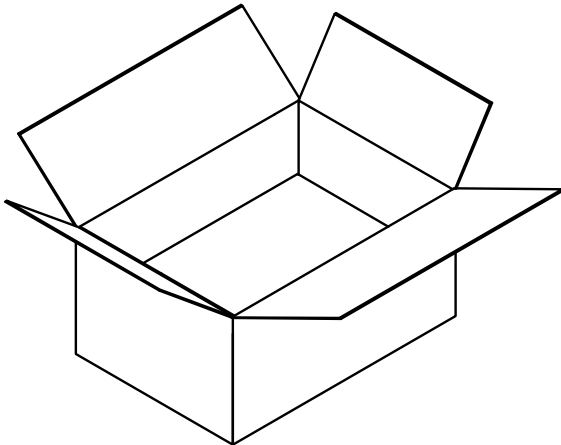
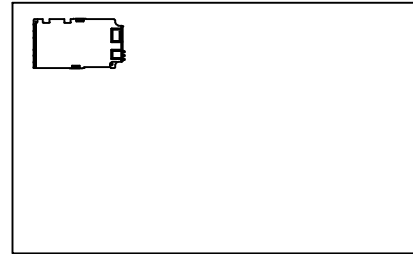


成品名称：M100-钢片天线	版本：A
	客户：移为

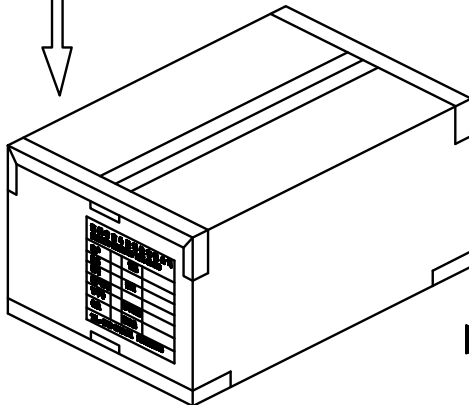
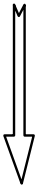
一：成品天线



二：用吸塑盘包装，30pcs一盘；
在每隔档中不影响弹脚变形的情况
下以实际包装为准；



三：吸塑盘叠加包装，用透明薄膜缠绕
包装，10盘(300pcs)一箱(以实际包装为准)；



四：封箱，外箱贴我司生产标签和ROHS标签。

批准：_____

确认：_____

拟制： 邹荣凯