

承认书

APPROVAL SHEET

客户名称 Customer Name 佳禾智能科技股份有限公司

产品型号 Product Model Tour PRO 2

客户料号 Customer P/N

南斗星料号 SouthstarP/N 3. N203. 0039

制作日期 Production date 2022-07-15

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)

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南斗星科技香港有限公司
SOUTH STAR TECHNOLOGY HONG KONG COMPANY LIMITED

承 认 书 变 更 履 历

版 本	日 期	变 更 描 述	备 注
Rev. 01	2022. 07. 15	初 版	

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基本参数(The basic parameters)

A. Electrical Characteristics	
Frequency	2400MHZ~2500MHZ
VSWR	< 2
Avg Efficiency	>15%
Impedance	50 Ohm
Polarization	Linear
Peak Gain	2.4G: -0.65dBi
B. Material & Mechanical Characteristics	
Material of Radiator	PC/沙比克 DX11355
Cable Type	/
Connector Type	/
Dimension	
C. Environmental	
Operation Temperature	- 30 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 70°C

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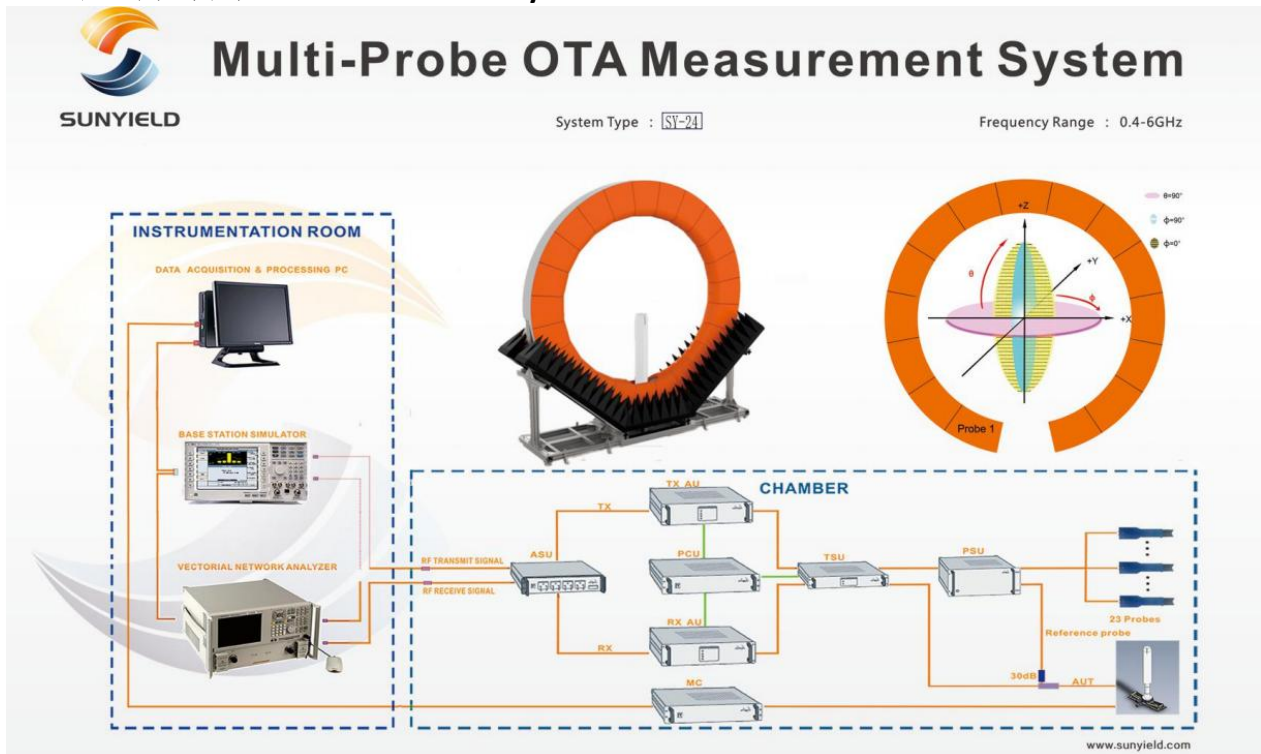
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测试设备(Test Equipment & Conditions)

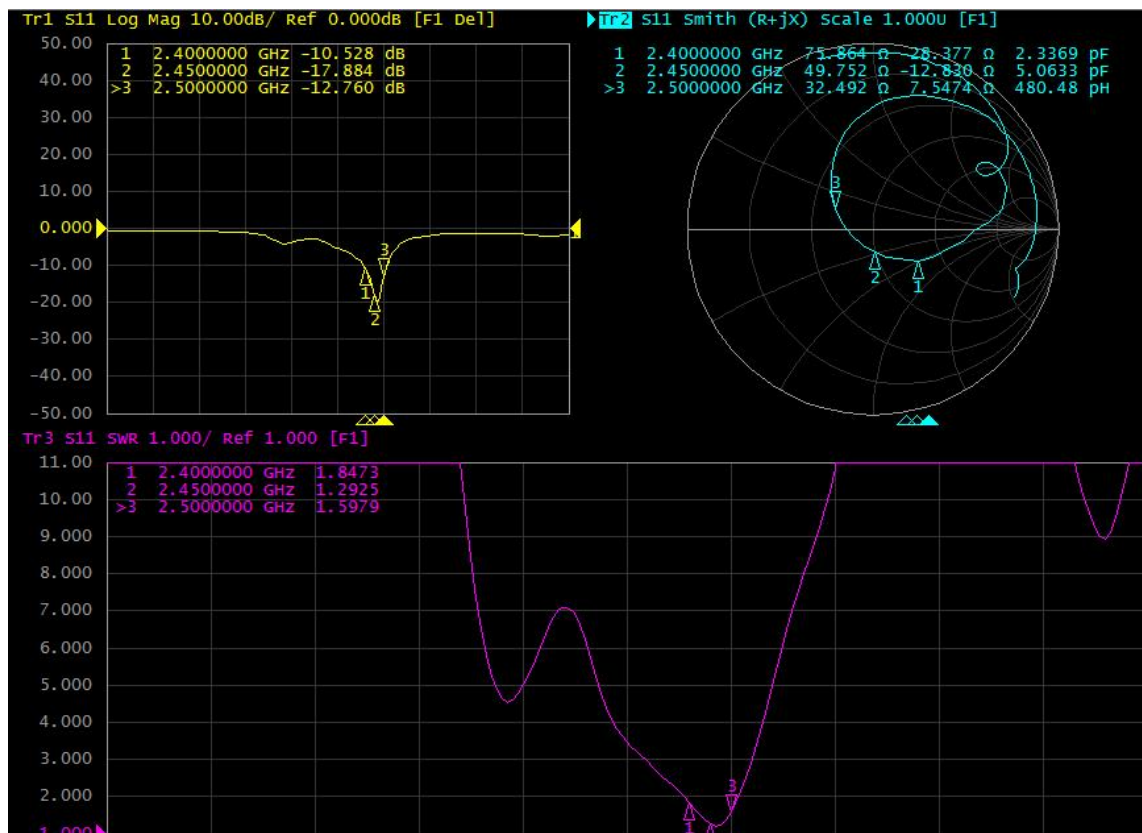
- 1.网络分析仪Network Analyzers : Agilent 5071C
- 2.综合测试仪Communications Test Set: Agilent E5515C CMW500
- 3.3D暗室测试系统 3D Chamber Test System



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Antenna Impedance: S11 (parameter)



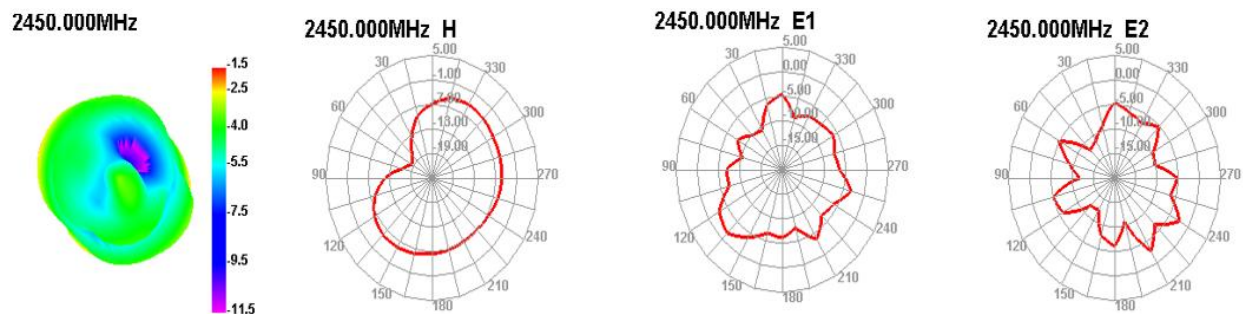
效率&增益(Efficiency & gain):

Freq (MHz)	R	
	Effi (%)	Gain (dBi)
2400	15.8	-0.74
2410	16.35	-0.65
2420	16.97	-0.77
2430	18.21	-0.84
2440	18.63	-0.95
2450	19.09	-1.47
2460	19.35	-1.41
2470	20.04	-1.38
2480	19.31	-1.42
2490	17.77	-1.54
2500	17.64	-1.68
AVG	18.10	-1.16

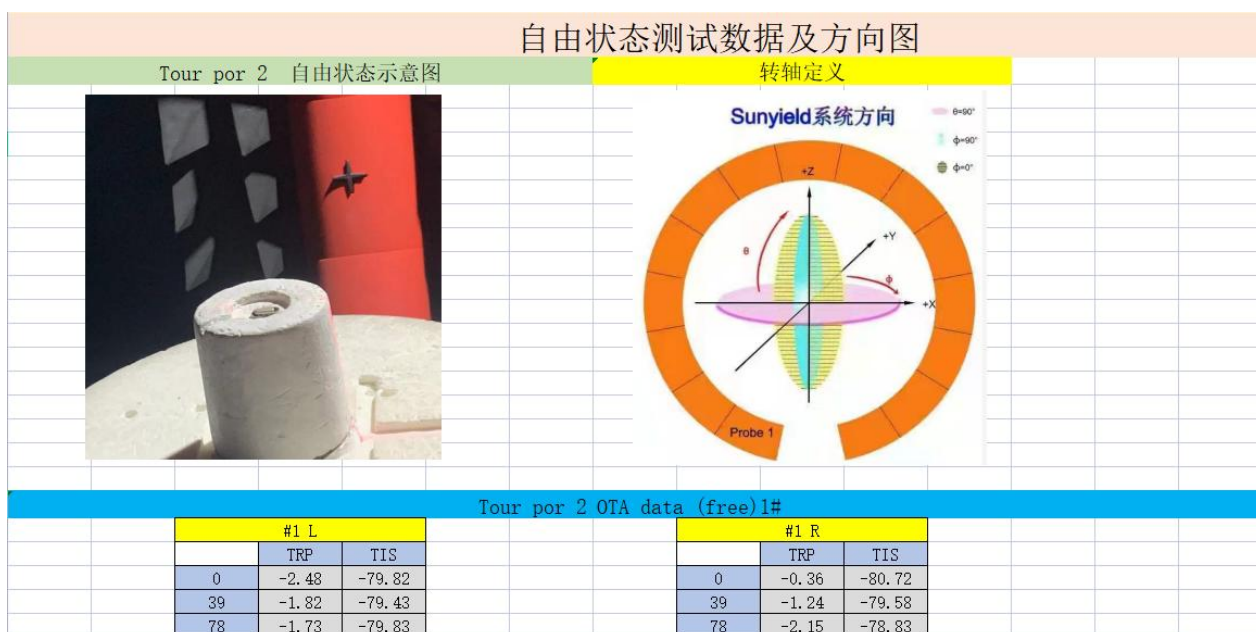
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天线无源辐射图(Antenna radiation pattern):



OTA有源数据：

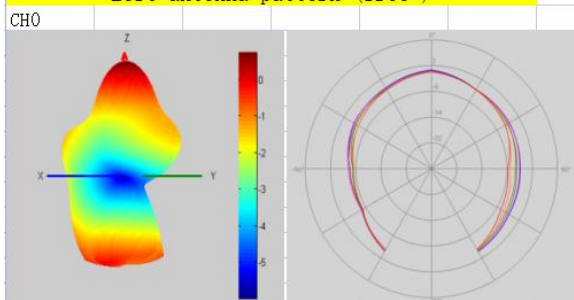


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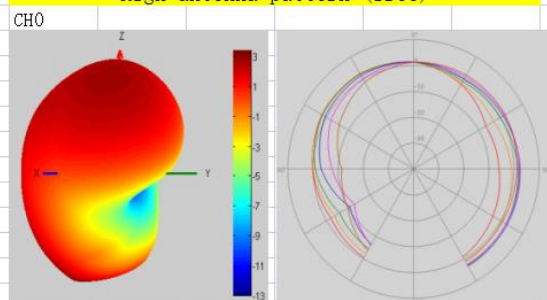
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自由状态（方向图）Free (Directional graph)

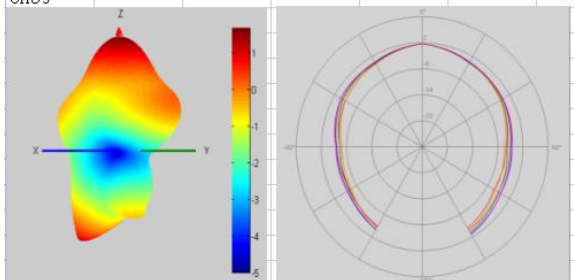
Left antenna pattern (free)



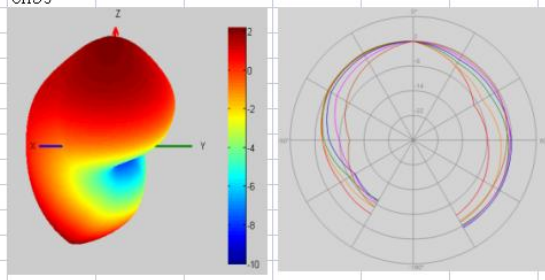
Righ antenna pattern (free)



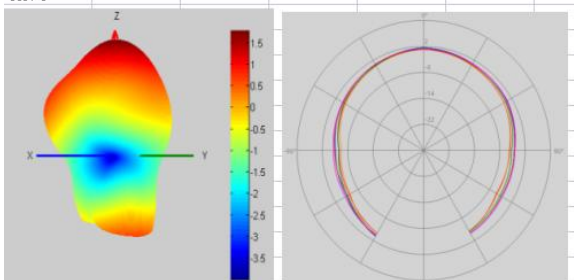
CH39



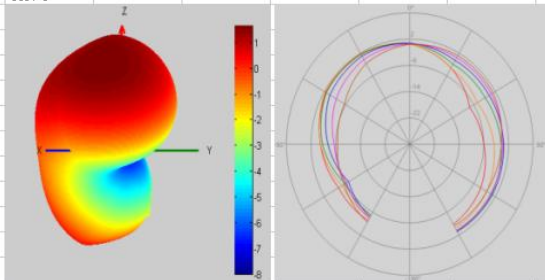
CH39



CH78



CH78

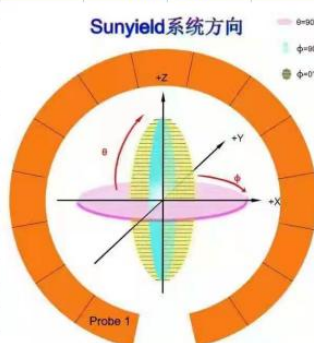


头模状态测试数据及方向图

Tour por 2 头模示意图



转轴定义



佩戴方式



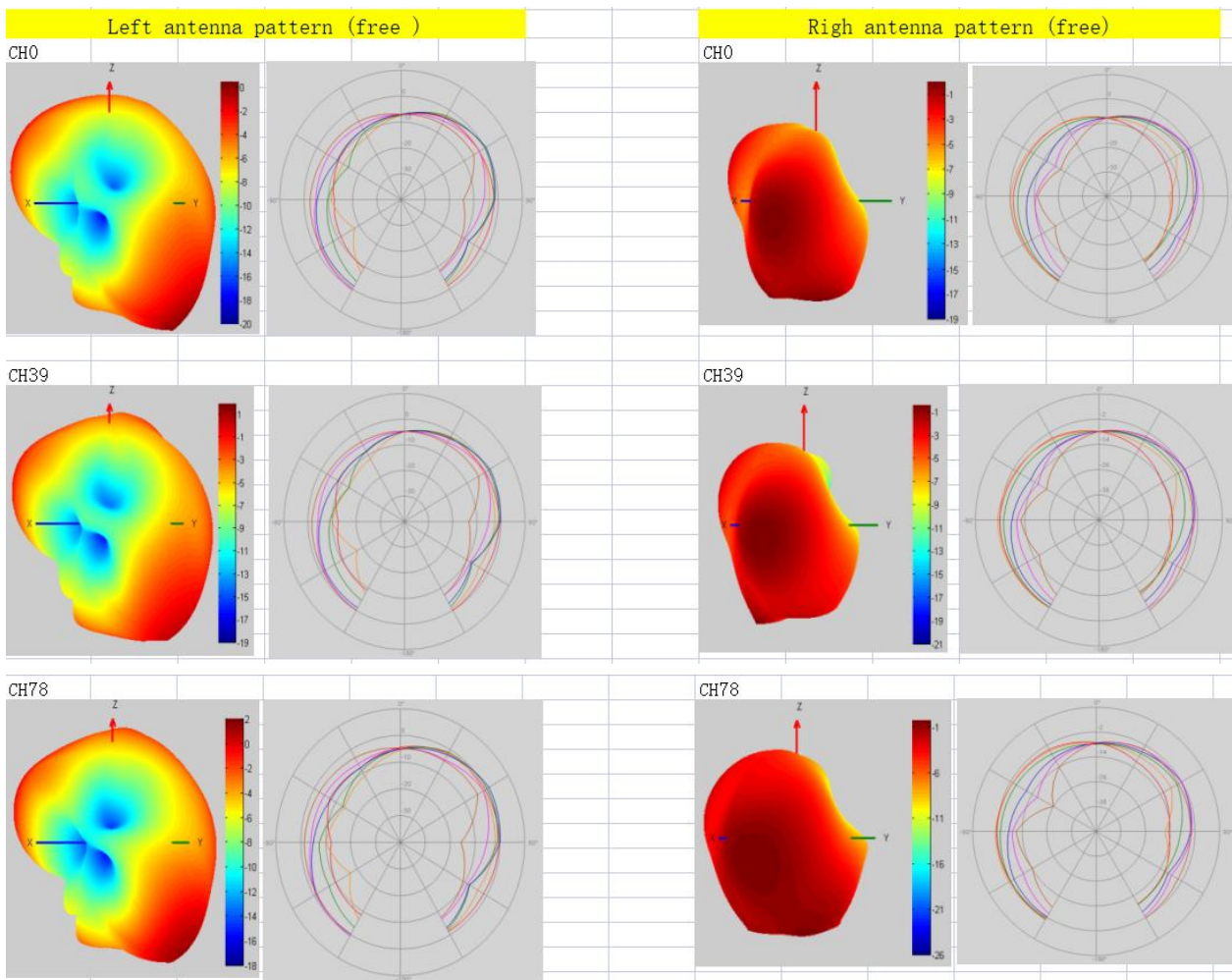
Tour por 2 OTA data (free)1#

#1 L		
	TRP	TIS
0	-4.52	-77.86
39	-3.71	-77.67
78	-3.5	-77.7

#1 R		
	TRP	TIS
0	-4.58	-78.69
39	-5.44	-77.67
78	-5.22	-77.03

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包装方式:



产品包装规范

日期: 2022-07-15

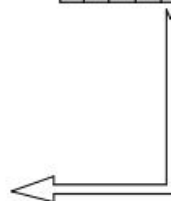
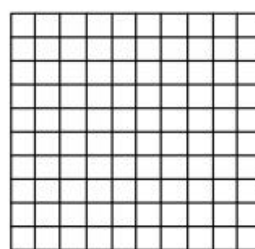
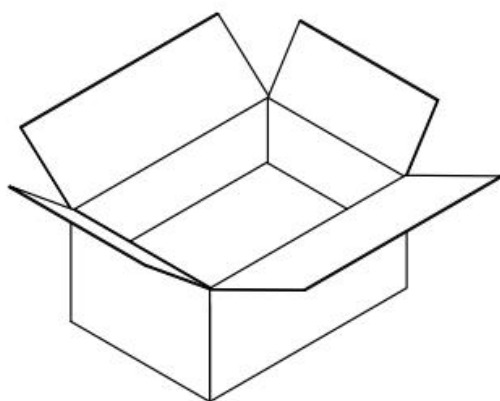
page: 1 of 1

成品名称 : TOUR PRO2 L/R天线	版本: A
	客户: 佳禾

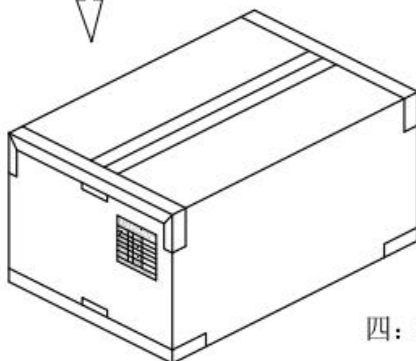
一: 成品天线



二: 装袋, 每吸塑装100PCS产品



三: 装箱, 每12袋装一箱,
一箱共1200PCS产品(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: 李森