



深圳市海勤科技有限公司

样品承认书

Parts Approval Sheet

生产供应商: ZHONG TIAN XUN
TECHNOLOGY CO., LTD

Supplier

型号/规格: TX-HF-H-TV101X

Type/Spec

品牌: _____

Brand

送样日期: 2019-04-17

Send out Date

承认日期: _____

Approve Date

物料名称: ANT

Parts Name

海勤料号: 01.18.01.2.0002

Parts No

样品数量: 1pcs

Quantity

文件编号: _____

Document No

版本: A2

Version

Supplier		Customer	
Approved By	Prepared By	Engineering Dept	Quality Dept
			

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A2)

	CUSTOMER(客户名称)	Hikeen Technology Co, LTD	
	CS P/N(客户机种)	Copper tube antenna	
	PART NAME(品名)	(L=252)	
	FREQUENCY(频率)	2.4G~2.5G	
	ZTX NO.(物料编号)	2.00002971	
	DATE(日期)	2019-04-17	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章): _____

ZHONG TIAN XUN TECHNOLOGY CO., LTD				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER



深圳市中天迅通信技术有限公司

SHENZHEN ZHONGTIAN XUN Communication Technology Co., Ltd.

地址: 深圳市宝安区石岩镇石龙大道 34 号(腾达工业园) 邮编: 518000

电话: 0755-27588320 传真: 0755-27588045 <http://www.chinaztx.com>

ANTENNA SPECIFICATION

CUS P/N :HQ 铜管天线 (L=252)
ZTX P/N :HQ 铜管天线 (L=252)

ApplicationDate:Apr,17,2019
Editor:

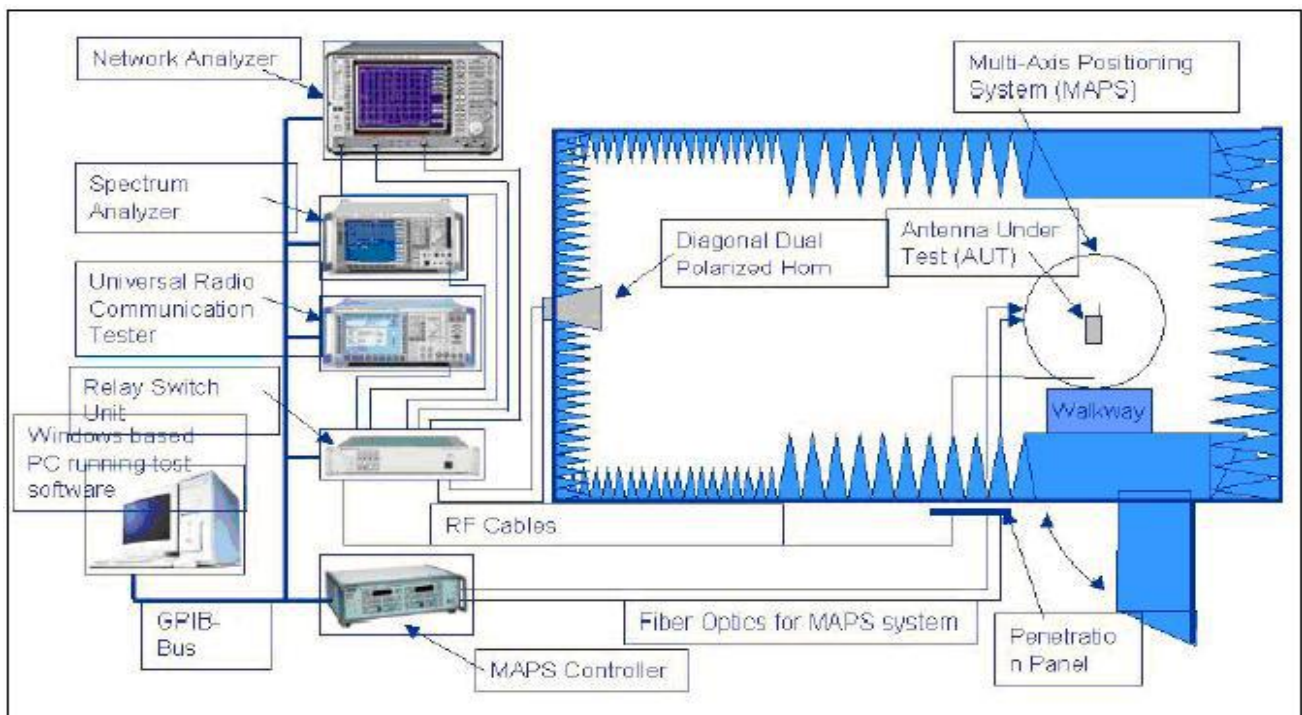
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1. 测试设备Test Equipment



公司拥有通信行业最领先的法国 Satimo SG24 OTA测试系统1套, ETS OTA 标准测试系统2套, Bluetest 混响暗室1套, MicroPross NFC测试系统1套, 能快速稳定的给客户提供精确的测试报告, 完全符合CITA标准, 支持 GSM/CDMA/WCDMA/TD/LTE/WIFI/BT/GPS/MIMO等各制式的有源无源测试。

MicroPross NFC系统能满足各运行商测试要求, 对NFC设备进行快速性能测试, 并输出正式认证测试报告



ANTENNA SPECIFICATION

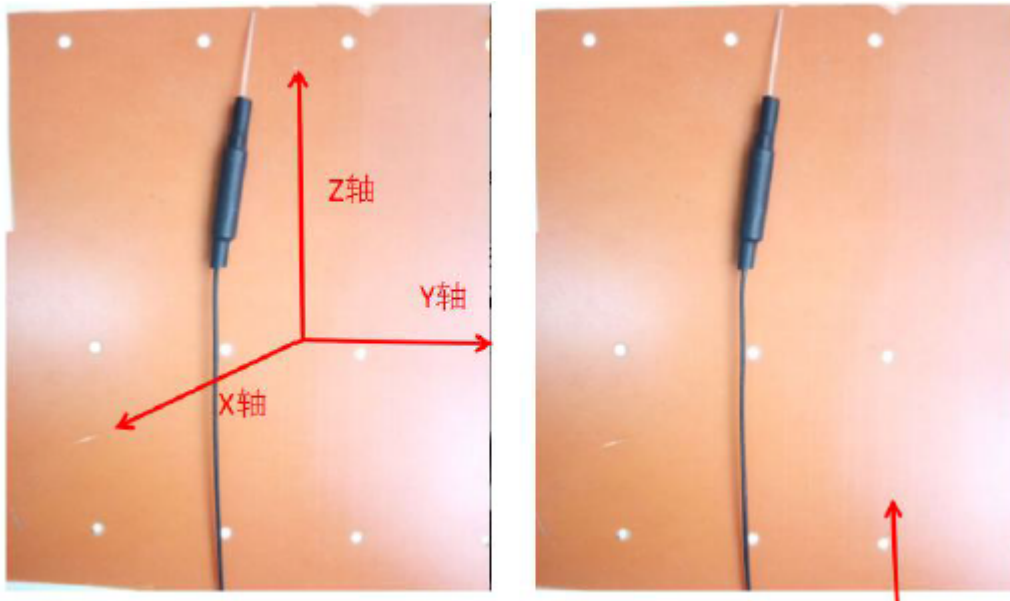
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2. 摆放说明Placement instructions

天线方向说明Antenna direction description



3. 性能测试数据Performance test data

3.1 效率及增益测试Efficiency and gain test

Frequency	Efficiency	Efficiency . dB	Frequency	Gain . dB
2.4E+09	62%	-2.188601982	2.4E+09	2.680108
2.41E+09	63%	-2.127000574	2.41E+09	2.575975
2.42E+09	64%	-2.093401122	2.42E+09	2.252183
2.43E+09	64%	-2.080982388	2.43E+09	2.345578
2.44E+09	65%	-2.053192223	2.44E+09	2.431907
2.45E+09	66%	-2.070440867	2.45E+09	2.436099
2.46E+09	66%	-1.908580233	2.46E+09	2.370203
2.47E+09	68%	-1.722433668	2.47E+09	2.746513
2.48E+09	68%	-1.695128093	2.48E+09	2.932943
2.49E+09	68%	-1.746312137	2.49E+09	2.810352
2.5E+09	69%	-1.639688532	2.5E+09	3.125002



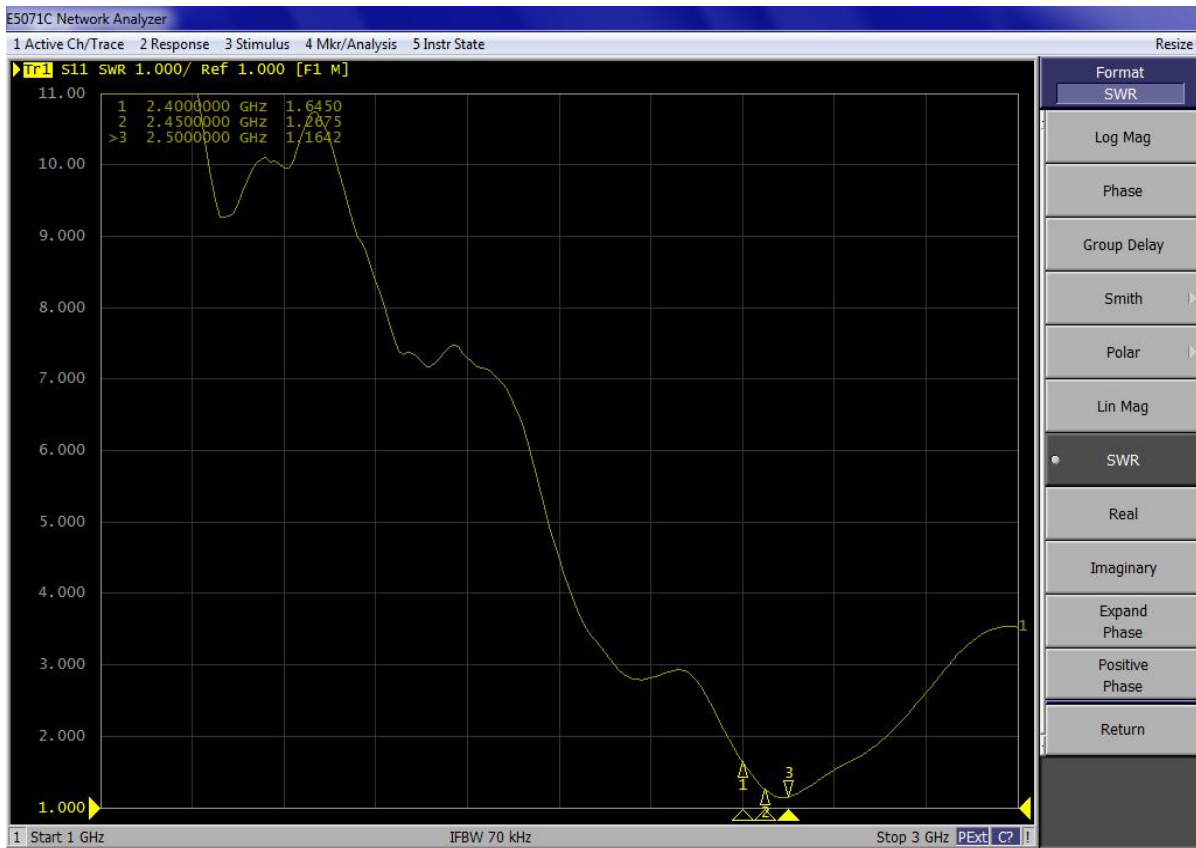
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3.2 驻波比SWR :



3.3 回波损耗图:



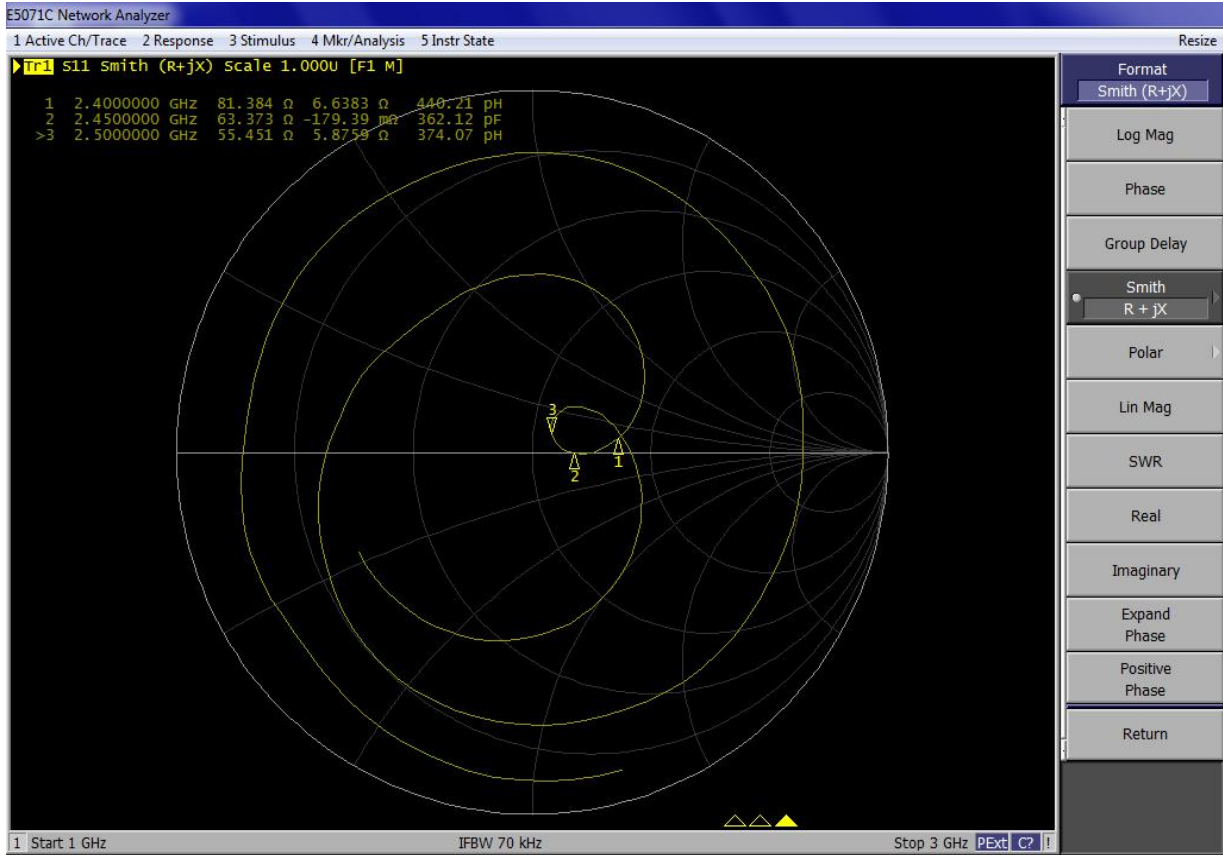
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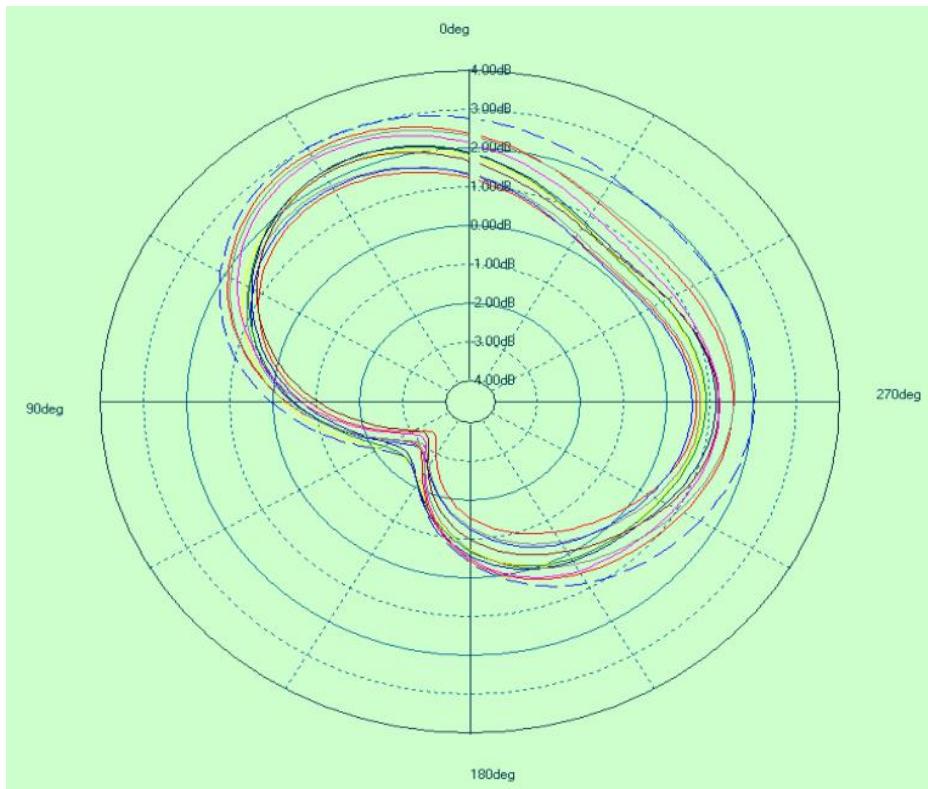
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3.4 史密斯圆图Smith chart:



3.5 方向图Direction map



XY flat , Z=0



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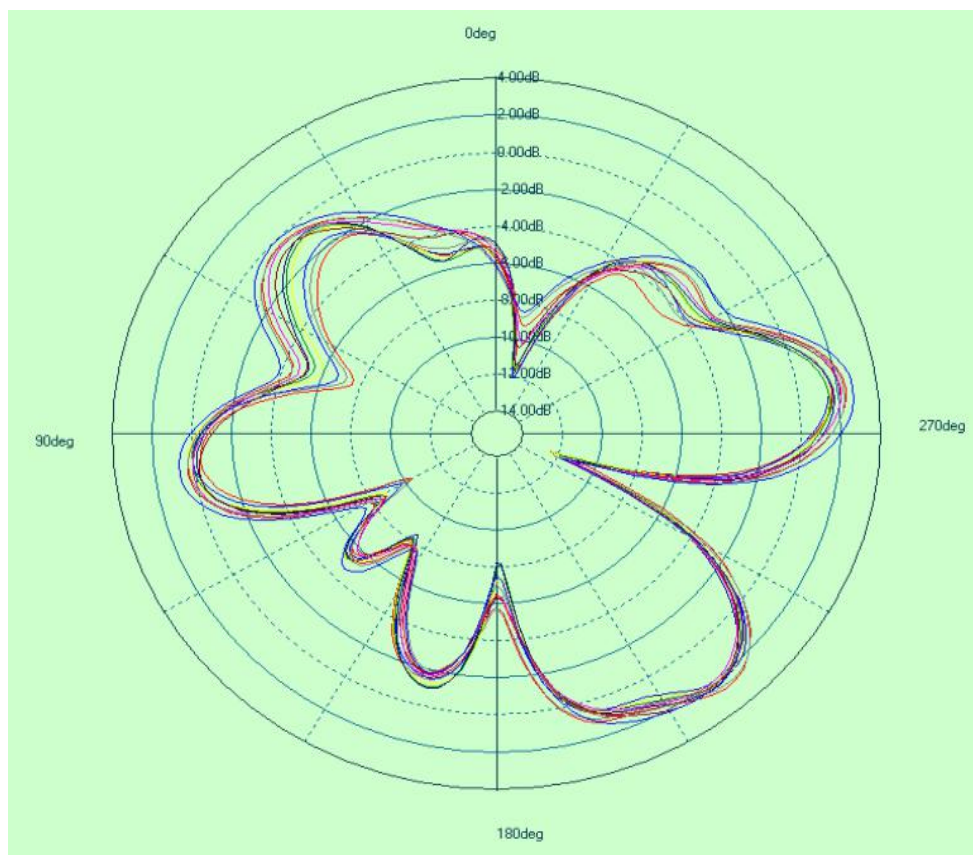
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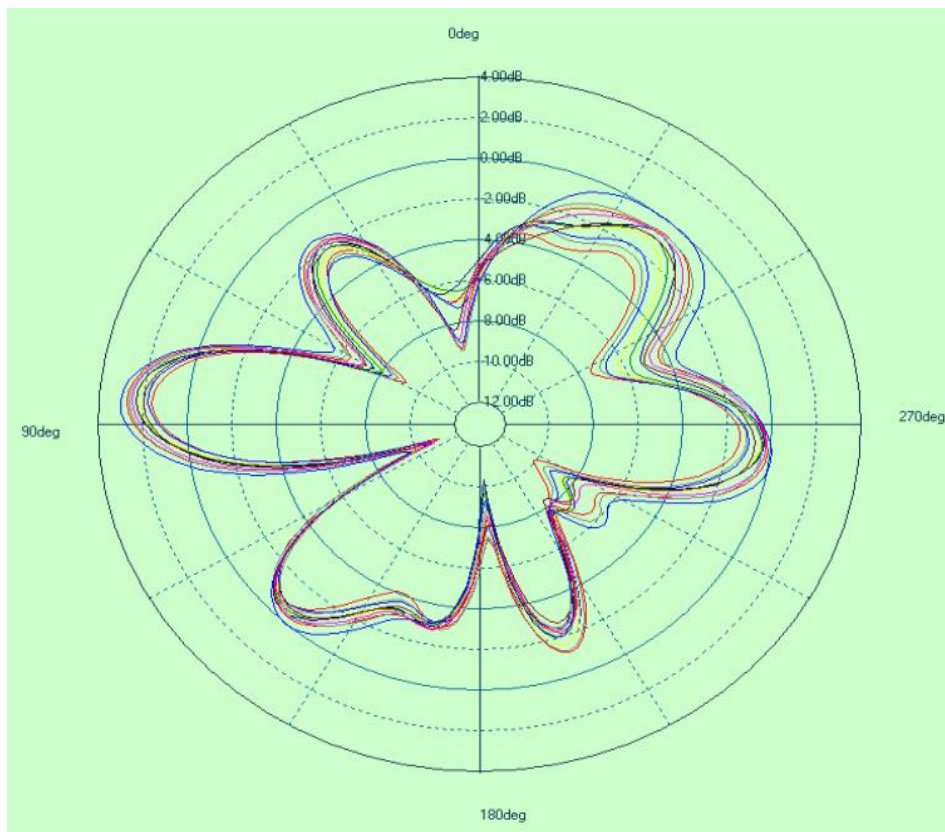
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XZ flat , Y=0



YZ flat , X=0



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3.6 3D Chart

