



深圳市诺美信科技有限公司



诺美信

深圳市诺美信科技有限公司

Shenzhen Norminson Technology Co., Ltd.

地址：深圳市龙岗区中心城留学生创业园创业大厦四楼

产品规格书

PRODUCT SPECIFICATION

Product description: 2.4G Terminal Antenna

Uni Link's part number: TLB-5800-3A

Issue Date: 2011

Note: 2400MHZ~2483MHZ,SMA 头

1、产品技术指标 (PRODUCT TECHNICAL SPECIFICATION)

电性能指标 Electrical Specifications	
频率范围 Frequency Range (MHz)	2400~2483 MHz
频带宽度 Bandwidth (MHz)	100
输入阻抗 Input Impedance (Ω)	50
电压驻波比 V.S.W.R	≤ 1.5
增益 Gain (dBi)	5.0
极化形式 Polarization Type	垂直 Vertical
功率容量 Power Capacity (w)	50
机械指标 Mechanical Specifications	



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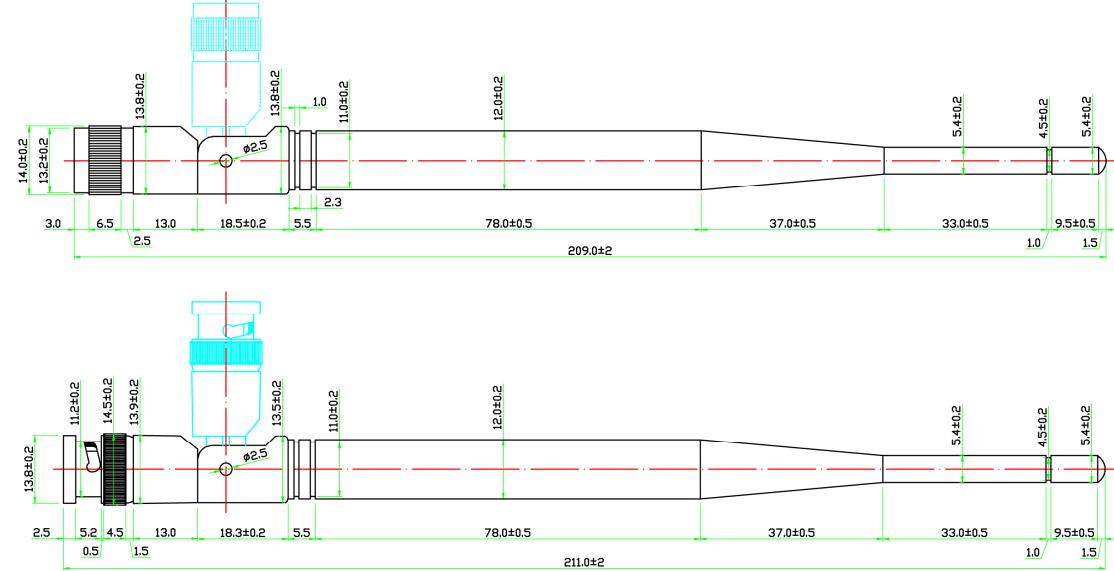
尺寸 Size (mm)	12D×210L
连接器型号 Connect Type	SMA 头
外壳颜色 Radome Color	黑色 Black
重量 Weight (g)	

2、产品图片 (PRODUCT PICTURE)



3、产品规格图 (PRODUCT SPECIFICATION CHART)

单位: mm 比例: 1:1


技术要求:

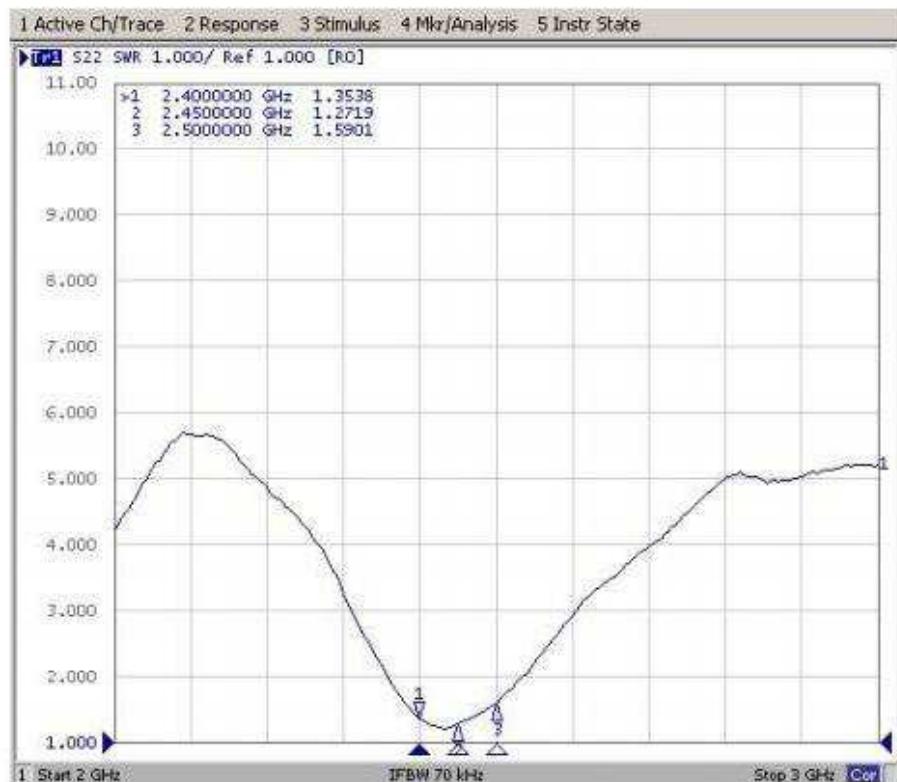
- 1.
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- 2.
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产品型号 Product Model	NW005	产品名称 Product Name	2.4G天线	深圳市诺美信科技有限公司 Shenzhen Norninson Technology CO., LTD.	
尺寸 Size	12D*210L	重量 Weight	28g		
单位 unit	mm	比例 Scale	1:1	除了另有规定的公差 Tolerances unless otherwise specified	±1
版次 Rev.	A0	投影方向 Projection Direction	□ ◎	.x	±0.1
审核/日期 Audit/Date		校对/日期 Collation/Date		制图/日期 Drawing/Date	



Electrical Properties

V.S.W.R

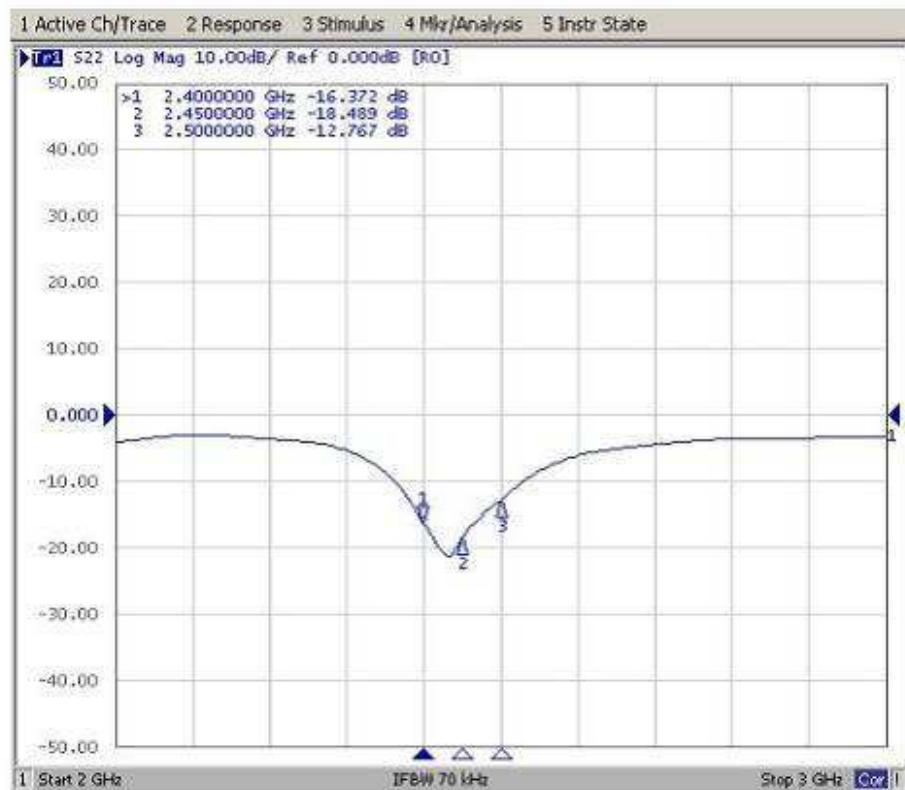




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Return Loss

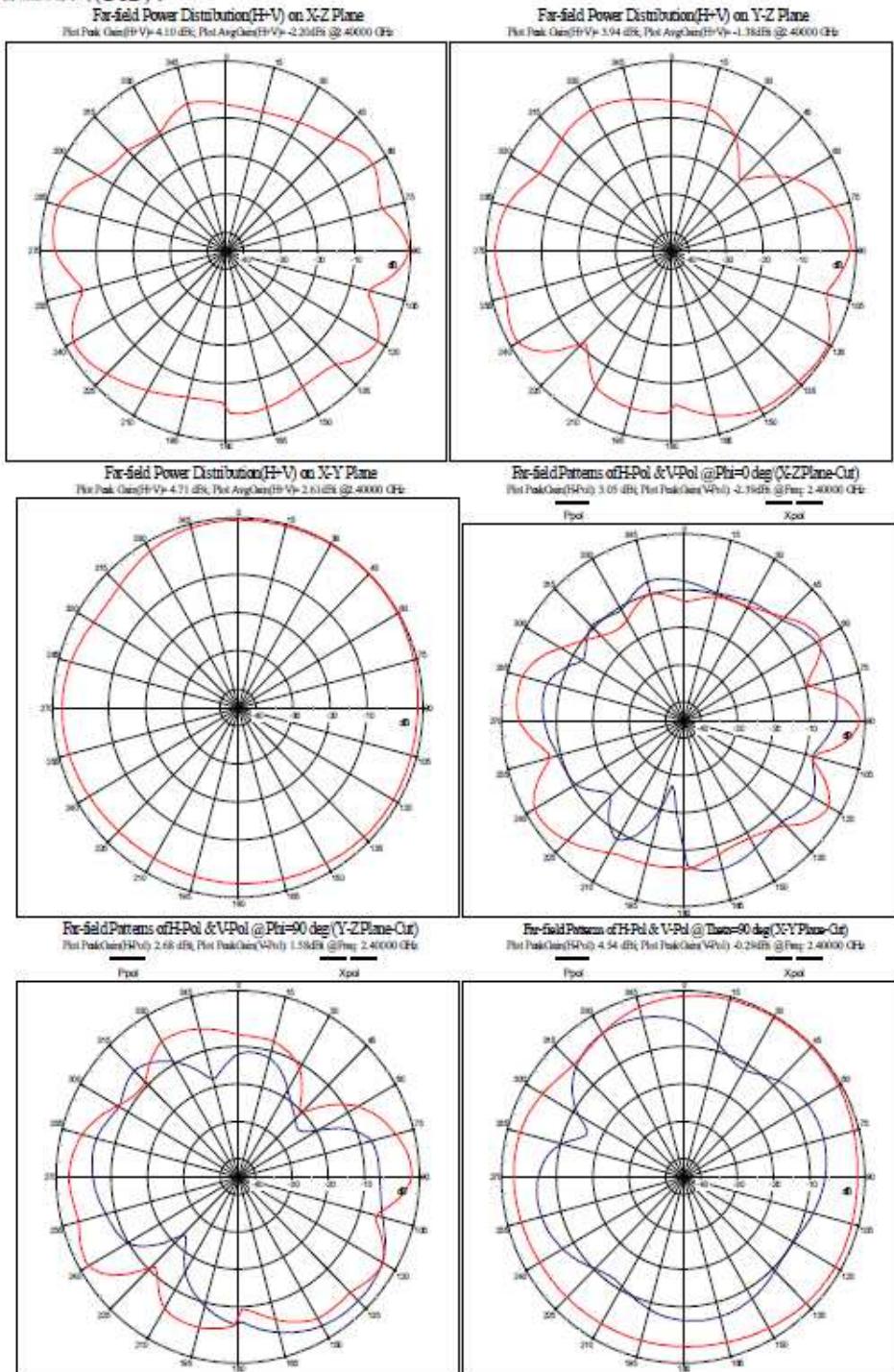


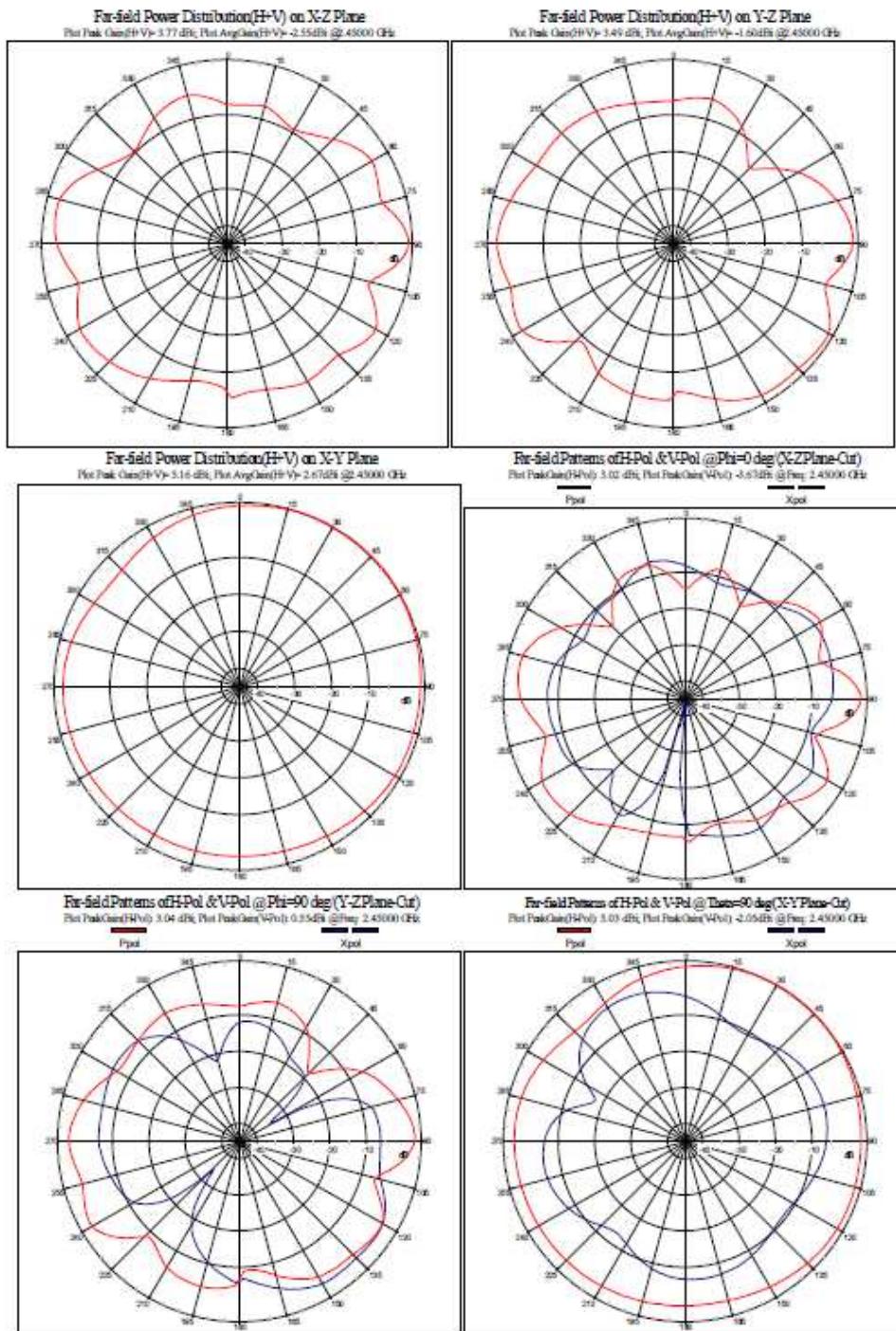


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天线增益测试(DIB):



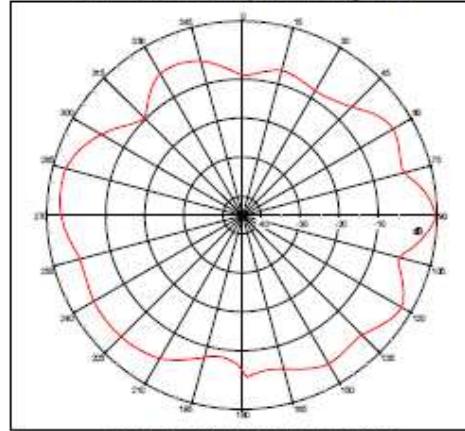




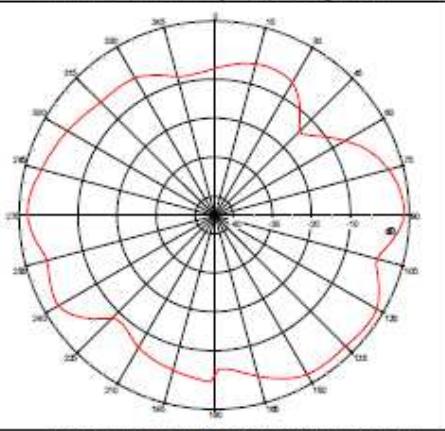
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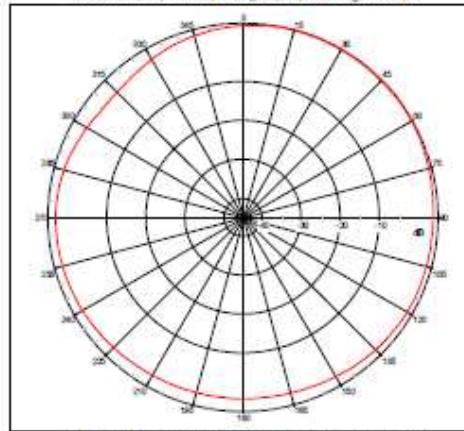
Far-field Power Distribution(H+V) on X-Z Plane
Plot Peak Gain(H+V)= 4.07 dB; Plot Avg(Gain)(H+V)= -2.38dBi @ 50000 GHz



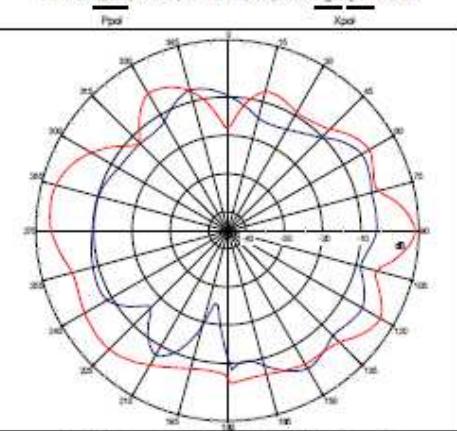
Far-field Power Distribution(H+V) on Y-Z Plane
Plot Peak Gain(H+V)= 1.45 dB; Plot Avg(Gain)(H+V)= -1.02dBi @ 50000 GHz



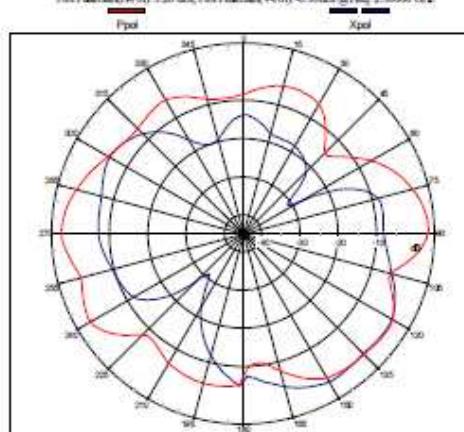
Far-field Power Distribution(H+V) on X-Y Plane
Plot Peak Gain(H+V)= 5.26 dB; Plot Avg(Gain)(H+V)= 2.98dBi @ 50000 GHz



Far-field Patterns of H-Pol & V-Pol @ Phi=0 deg (X-Z Plane-Cut)
Plot PeakGain(HPol)= 3.61 dB; Plot PeakGain(VPol)= -3.45dB @ Freq: 2.50000 GHz



Far-field Patterns of H-Pol & V-Pol @ Phi=90 deg (Y-Z Plane-Cut)
Plot PeakGain(HPol)= 3.20 dB; Plot PeakGain(VPol)= -0.30dB @ Freq: 2.50000 GHz



Far-field Pattern of H-Pol & V-Pol @ Theta=90 deg (X-Y Plane-Cut)
Plot PeakGain(HPol)= 5.19 dB; Plot PeakGain(VPol)= -3.86dB @ Freq: 2.50000 GHz

