

# 承 认 书

## SPECIFICATION FOR APPROVAL

客户名称

CUSTOMER NAME: Jiuan Optoelectronics

产品名称

PRODUCT NAME: 2.4/5.8G 3DBI SMA Ant

客户料号

CUSTOMER P/N:

仁丰料号

Ren Feng P/N: RF21S00165A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	Wu Yu Ming	
AUDITOR BY:	Niu Yu Wei	
APPROVED BY:	Yao Ding Jun	
DATE:	2014-10-20	

Product main technical parameters

主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400~2500 5000~6000	Frequency Range (MHZ)	2400~2500 5000~6000
中心频率 特性阻抗( $\Omega$ )	50 $\pm$ 10	Impedance( $\Omega$ )	50 $\pm$ 10
增益(dBi)	2.10@2.4G 5.09@5G	Gain(dBi)	2.10@2.4G 5.09@5G
不圆度(dBi)	$\leq$ 3dbi	out-of-roundness	$\leq$ 3dbi
反射损耗	$\leq$ -10dbi	ReTurnLoss(dB)	$\leq$ -10dbi
输出电压 驻波比	$\leq$ 1.34	VSWR	$\leq$ 1.34
最大功率	1W	Admitted Power	1W
极化方式	垂直极化	Polarization	Linear, Vertical
方向性	全向性	Radiation	Omni-directional
连接方式	SMA	Connector Type	SMA
物理性能		Physical Properties	
天线本体材料	TPEE	Antenna Base	TPEE
工作温度	-20 $^{\circ}$ C~+60 $^{\circ}$ C	Operating Temp	-20 $^{\circ}$ C~+60 $^{\circ}$ C
保存温度	-20 $^{\circ}$ C~+70 $^{\circ}$ C	Storage Temp	-20 $^{\circ}$ C~+70 $^{\circ}$ C

1

2

3

4

5

6

A

A

B

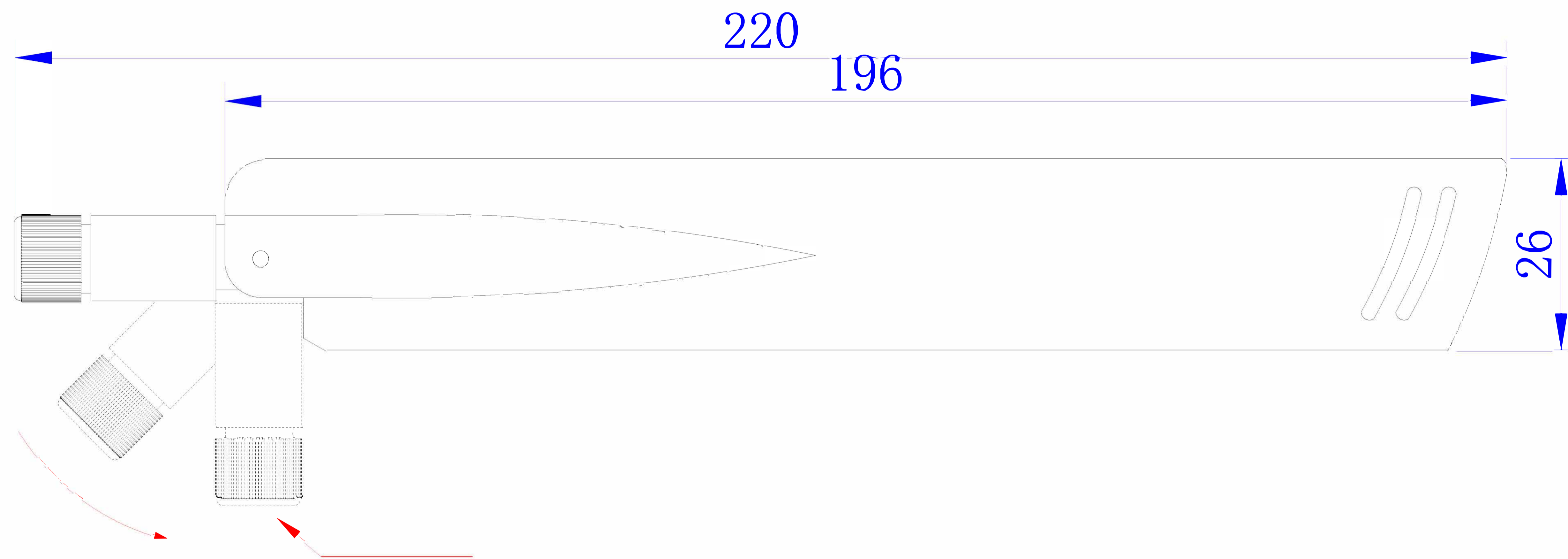
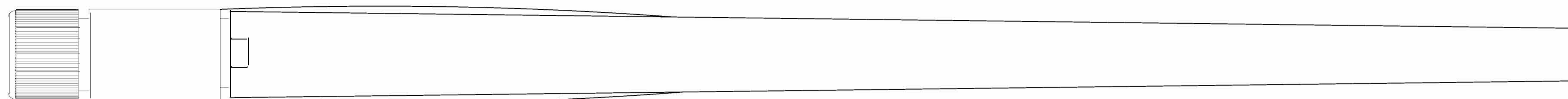
B

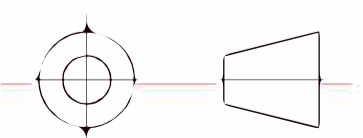
C

C

D

D

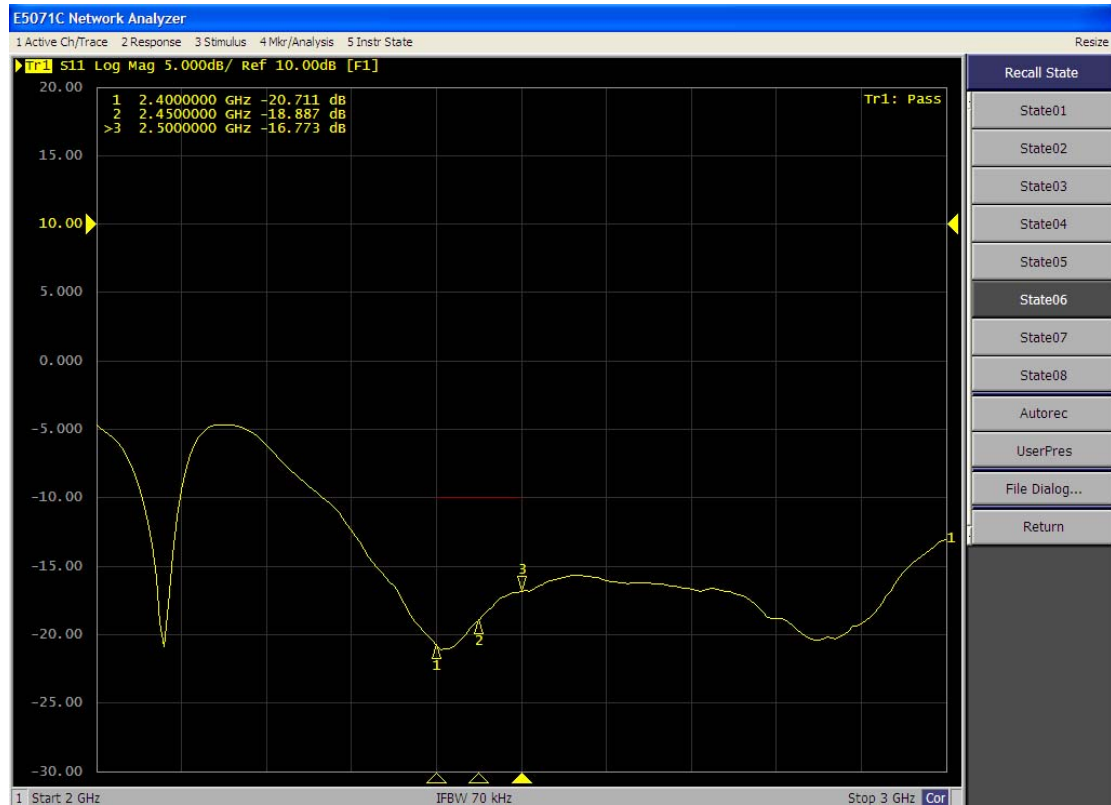


GENERAL TOLERANCE (UNLESS SPECIFIED)	DWN		TITLE
	CHK		
$\leq 10 \pm 0.1$ $< 10^\circ \sim \leq 20^\circ \pm 0.2$ $< 20^\circ \sim \leq 50^\circ \pm 0.5$ Angle $\pm 3^\circ$	APVD		PART NO
 THIRD ANGLE	UNIT	REV	5GHz刀片型天线
	MM	A	
SIZE	SHEET	DRAWING NO	
A4	1 OF 1		

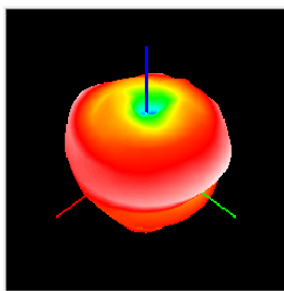
产品主要技术参数

测试报告:

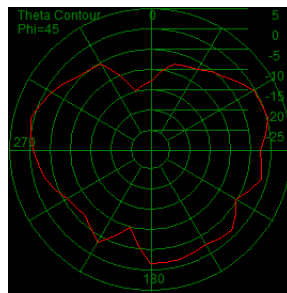
网络分析仪测试报告:



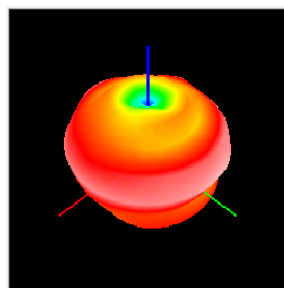
暗室 2D、3DRadiation Pattern



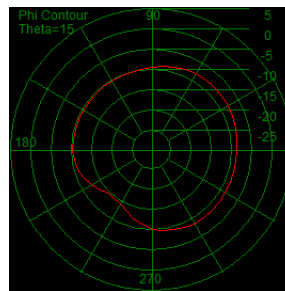
2.4 GHz z



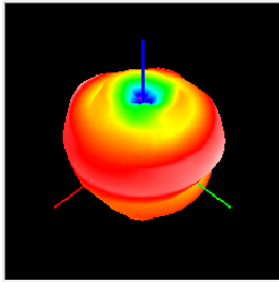
Gain(Peak):1.61dBi



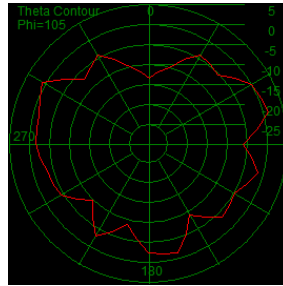
2.45 GHz z



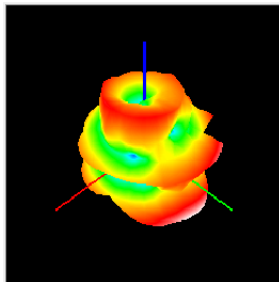
Gain(Peak):1.55dBi



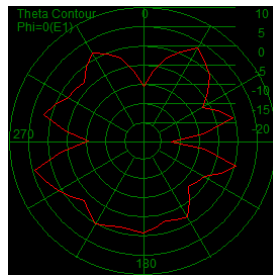
2.5GHz



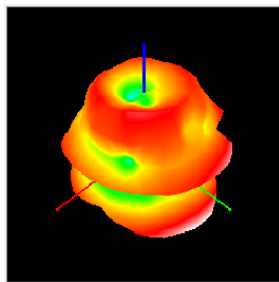
Gain(Peak):2.10dBi



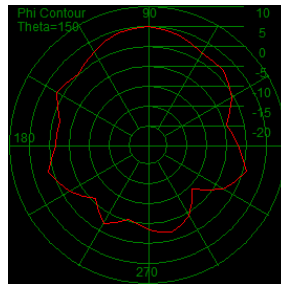
5GHz



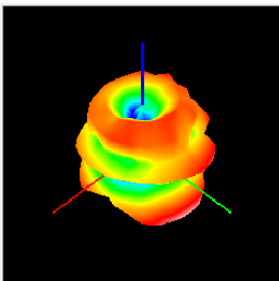
Gain(Peak):4.94dBi



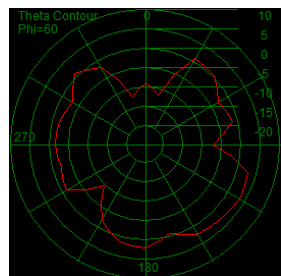
5.5GHz



Gain(Peak):5.09dBi



6GHz



Gain(Peak):4.67dBi