

承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: 2400~2500/5150~5850 MHz-大 SMA 公头母针-5DBI 黑色天线

客 户 料 号

CUSTOMER P/N:

电 子 料 号

P/N:

REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2019/03/18	

Contents

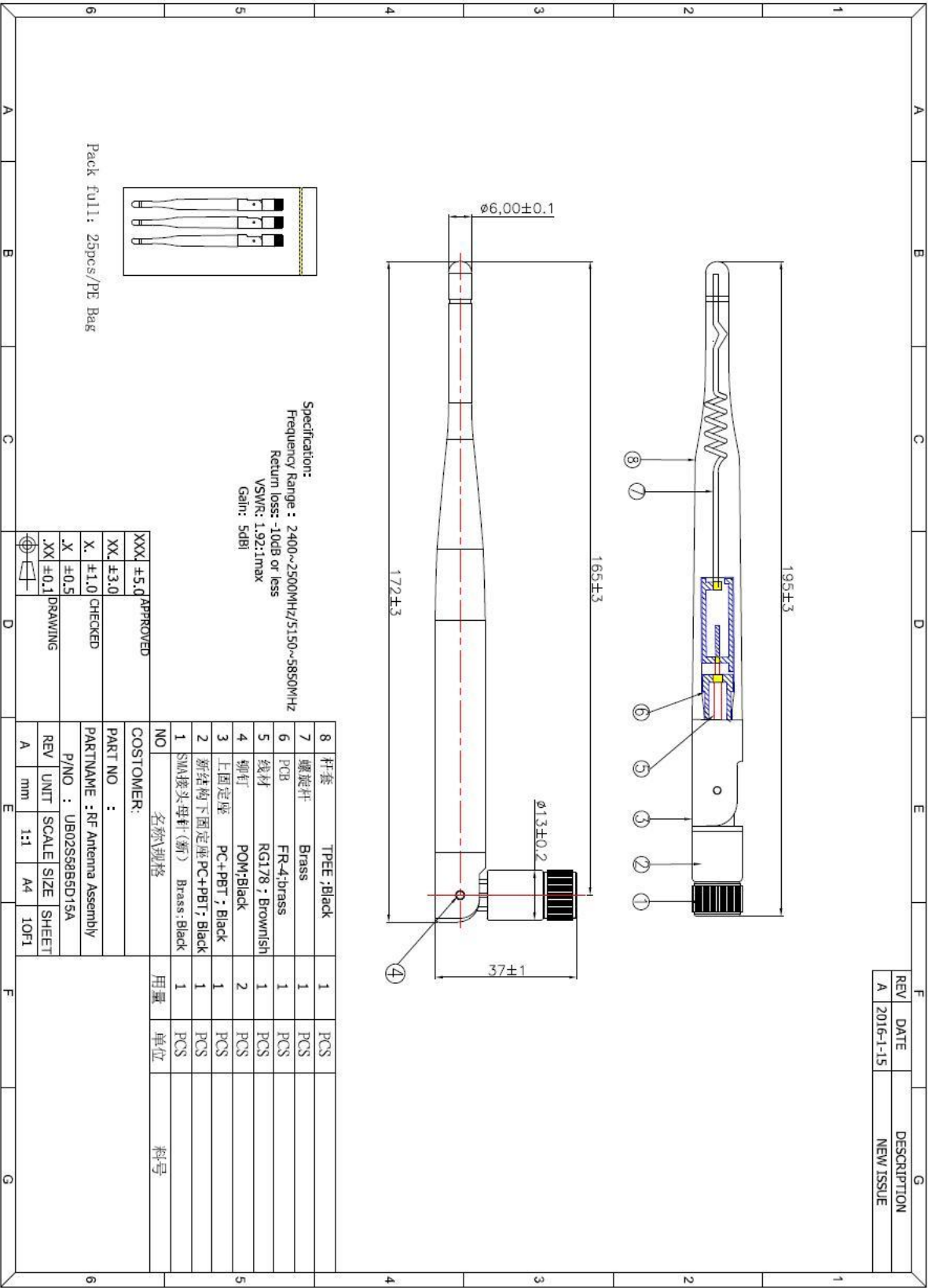
<i>Item</i>	<i>Description</i>
1.-----	规格表
2.-----	成品图
3.-----	测试报告

1. 规格表:

产品主要技术参数

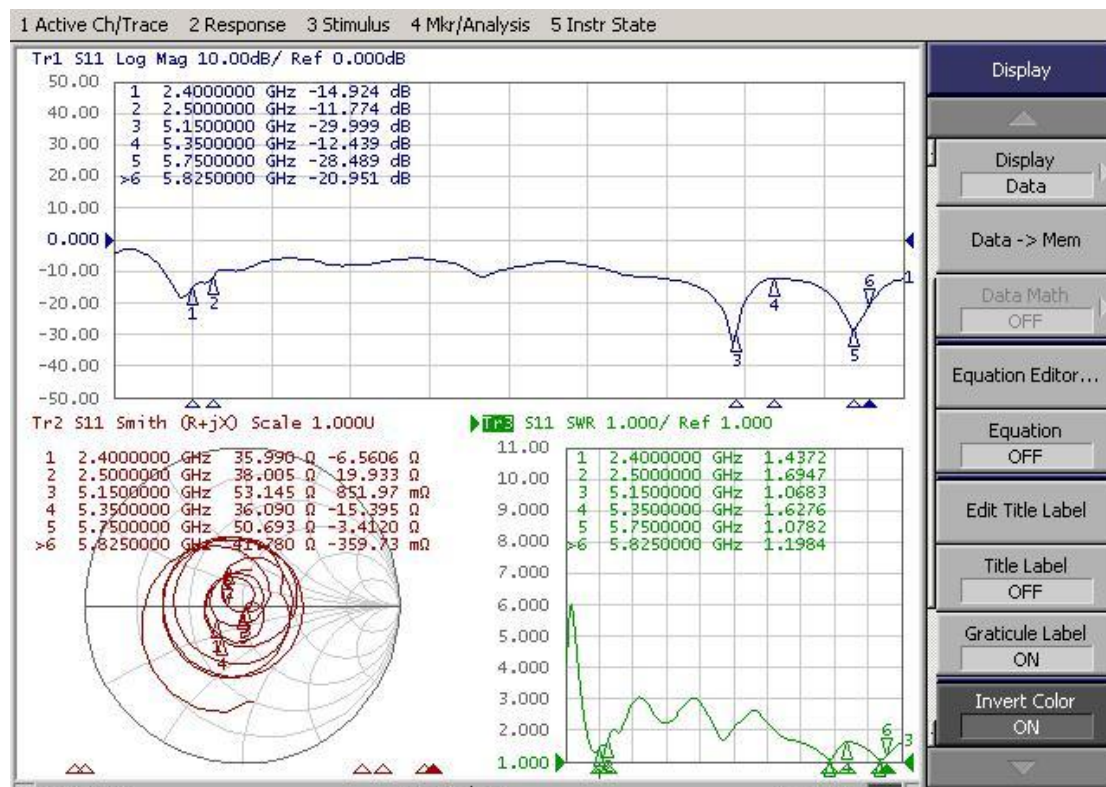
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400~2500\ 5150~5850	Frequency Range (MHZ)	2400~2500\ 5150~5850
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	4.5 $\pm$ 0.5	Gain(dBi)	4.5 $\pm$ 0.5
输出电压 驻波比	$\leq$ 1.92	VSWR	$\leq$ 1.92
最大功率	1W	Admitted Power	1W
极化方式	垂直极化	Polarization	Linear,Vertical
连接方式	SMA	Connector 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~+65 $^{\circ}$ C	Operating Temp	-20 $^{\circ}$ C~+65 $^{\circ}$ C
保存温度	-30 $^{\circ}$ C~+75 $^{\circ}$ C	Storage Temp	-30 $^{\circ}$ C~+75 $^{\circ}$ C

2. 成品图:

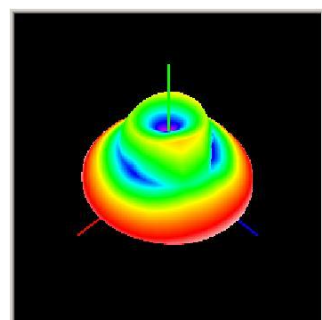


3. 测试报告

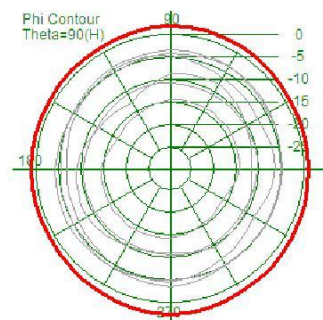
3.1: 网络分析仪测试报告:



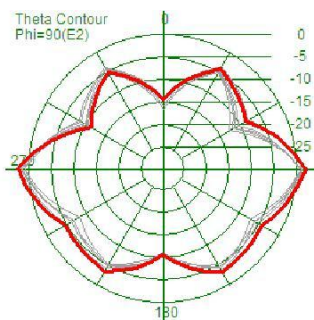
3.2: 暗室 2D、3DRaditation Pattern



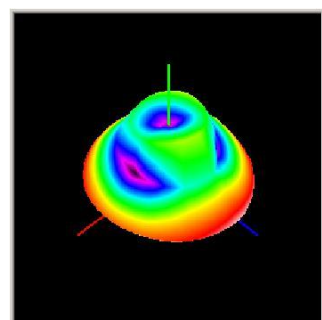
2.4GHz



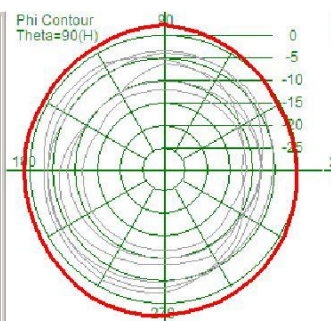
Gain: 4.52dBi



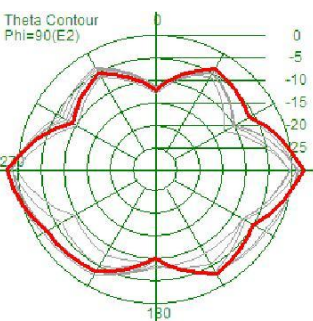
Efficiency: 70.15%



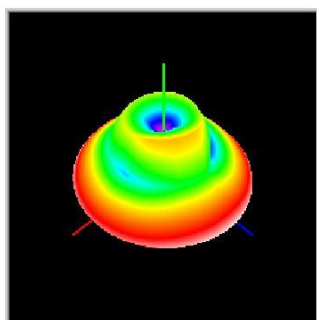
2.45GHz



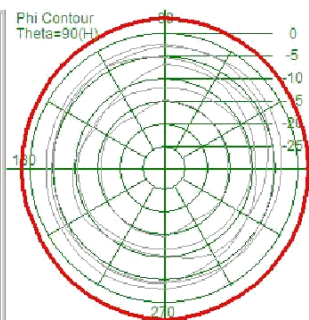
Gain: 4.64dBi



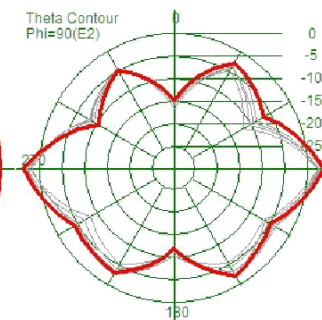
Efficiency: 73.23%



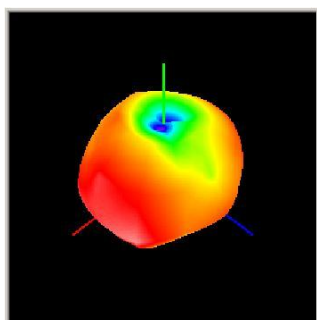
2.5GHz



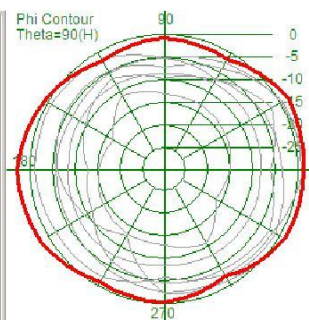
Gain: 4.69dBi



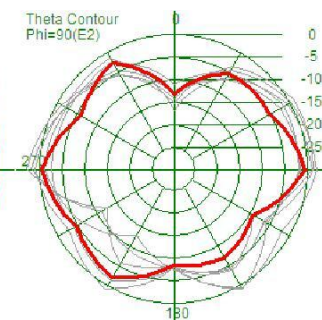
Efficiency: 74.09%



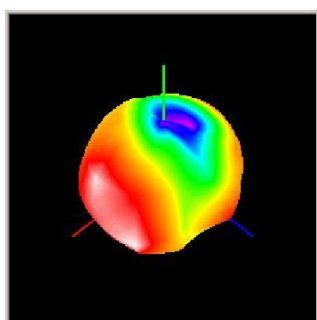
5.15GHz



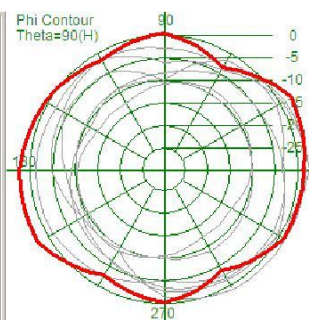
Gain: 4.58dBi



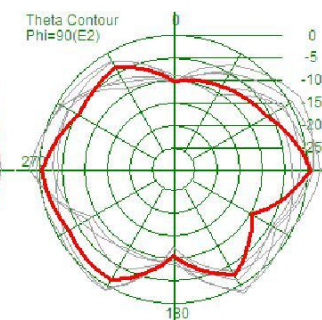
Efficiency: 70.86%



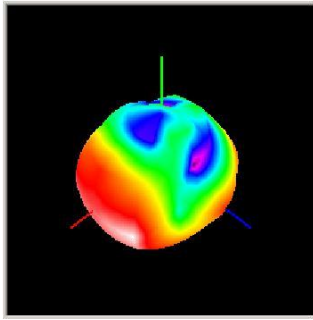
5.35GHz



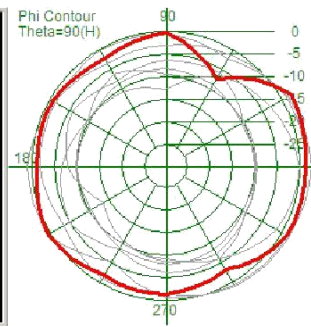
Gain: 4.65dBi



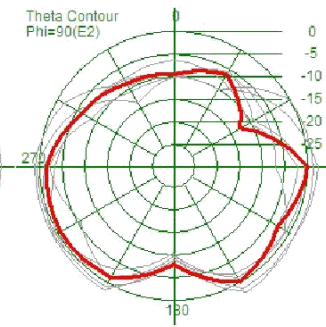
Efficiency: 70.49%



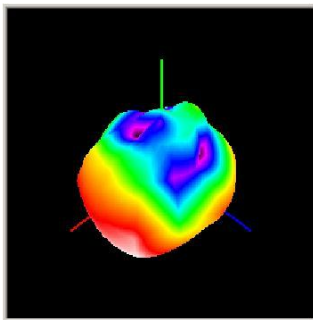
5.75GHz



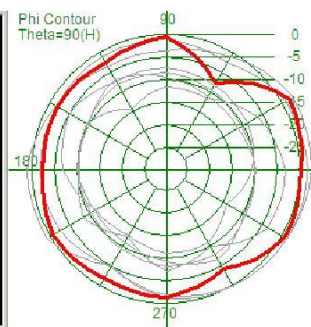
Gain: 4.73dBi



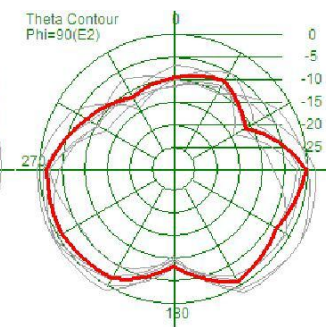
Efficiency: 71.61%



5.825GHz



Gain: 4.68dBi



Efficiency: 72.37%