
承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME:

产 品 名 称

PRODUCT NAME: 2.4G\5.8G-5dBi 剑形 SMA 公头母针黑色天线

客 户 料 号

CUSTOMER P/N:

公 司 料 号

COMPANY P/N:

REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2015/11/14	

Contents

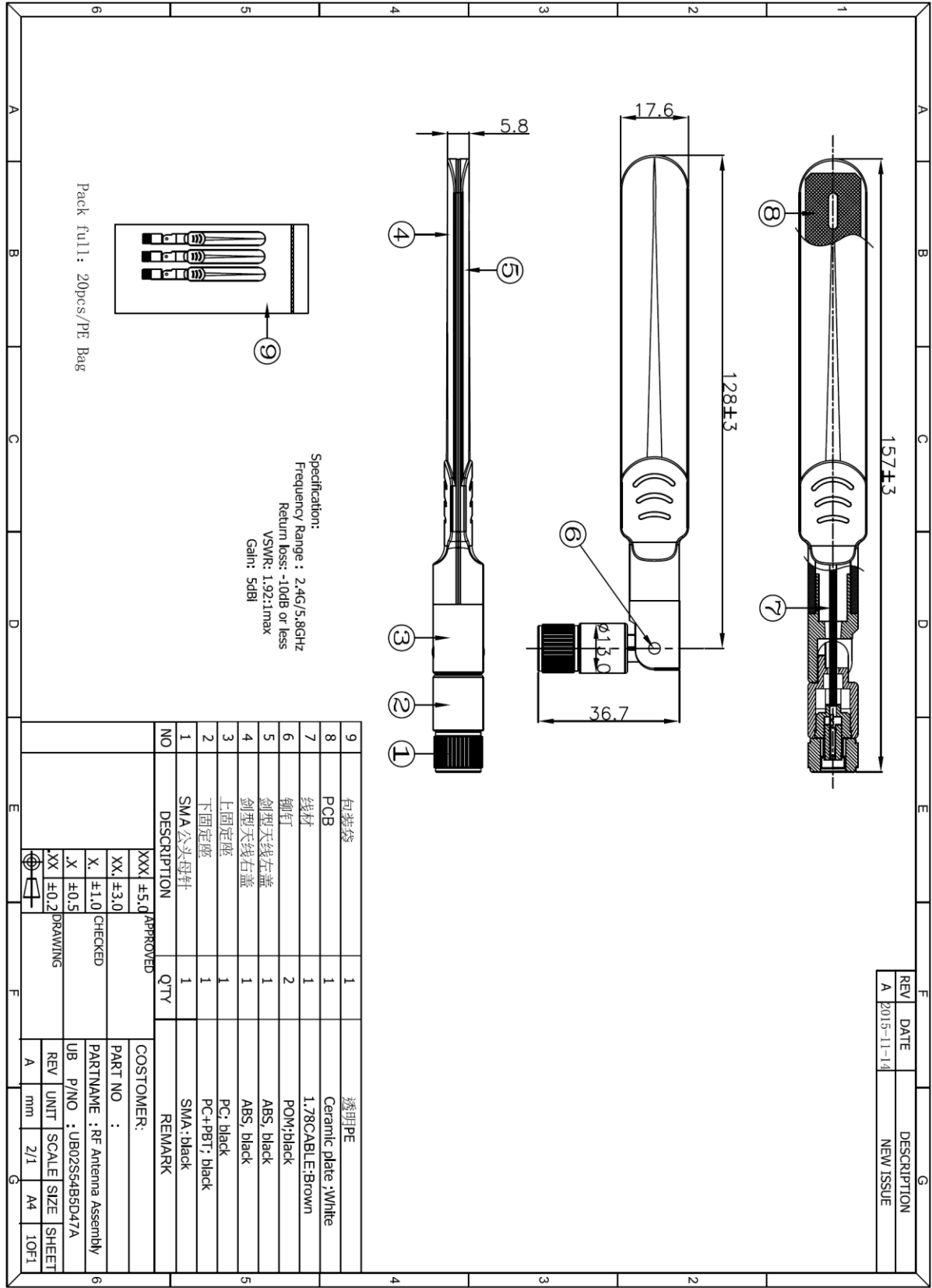
<i>Item</i>	<i>Description</i>
1.	规格表
2.	成品图
3.	测试报告
4、	SGS 报告

1. 规格表:

产品主要技术参数

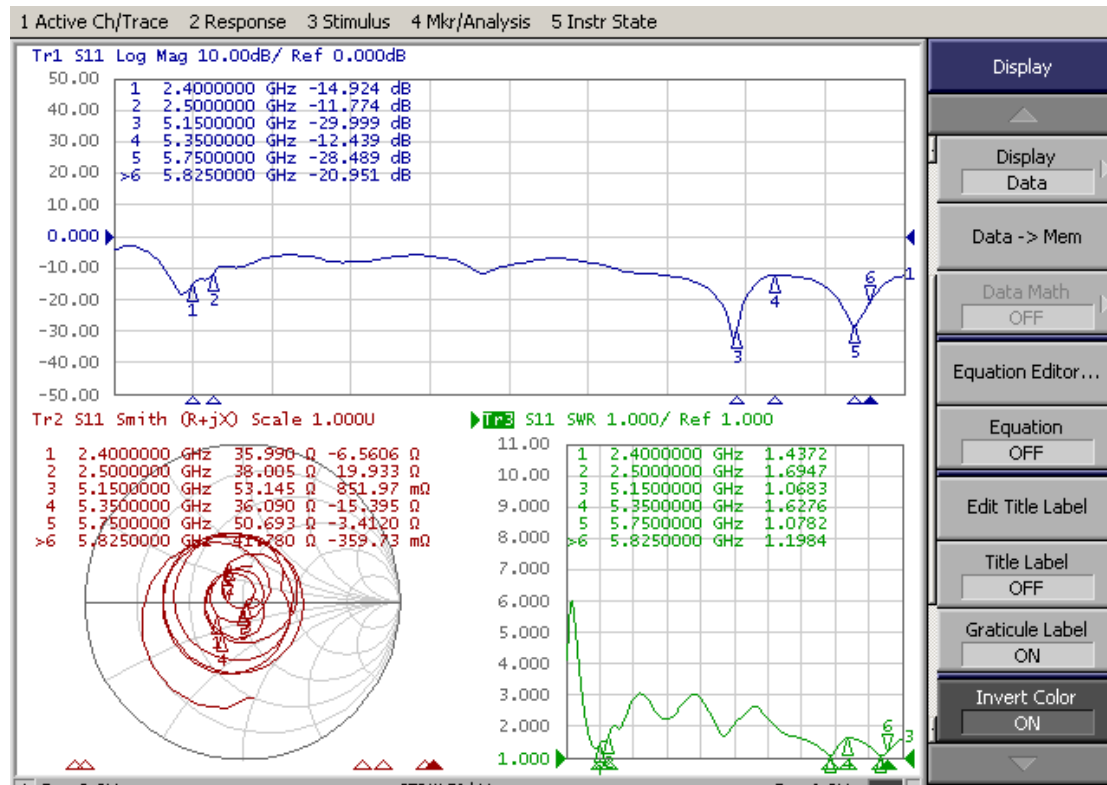
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400\5800	Frequency Range (MHZ)	2400\5800
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	5 $\pm$ 0.5	Gain(dBi)	5 $\pm$ 0.5
输出电压 驻波比	$\leq$ 1. 92	VSWR	$\leq$ 1. 92
最大功率	10W	Admitted Power	10W
极化方式	垂直极化	Polarization	Linear, Vertical
连接方式	SMA	Connector Type	SMA
物理性能		Physical Properties	
天线本体材料	ABS	Antenna Base	ABS
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:

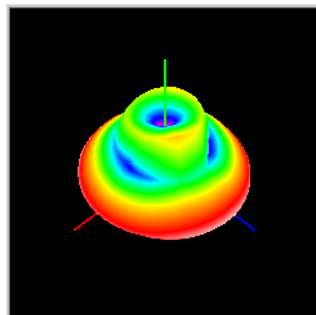


3. 测试报告

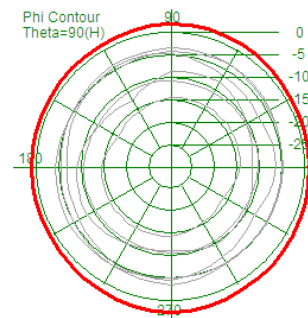
3.1: 网络分析仪测试报告:



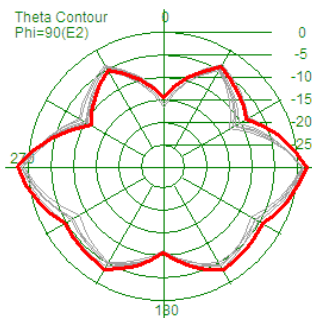
3.2: 暗室 2D、3DRaditation Pattern



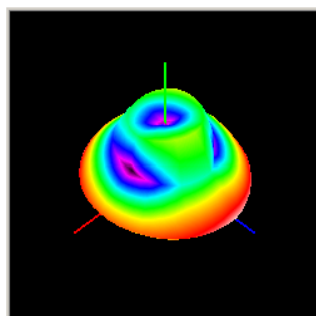
2.4GHz



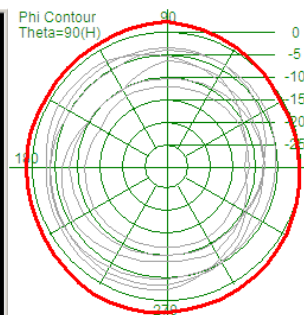
Gain: 4.83dBi



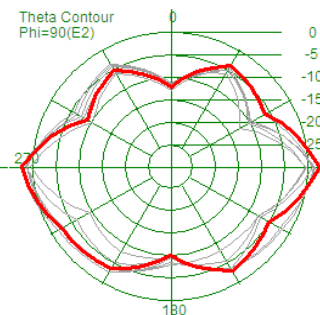
Efficiency: 71.38%



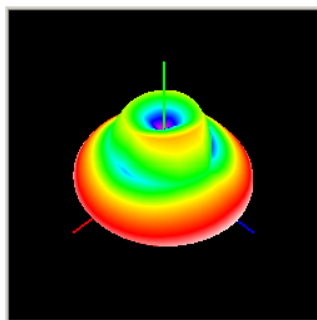
2.45GHz



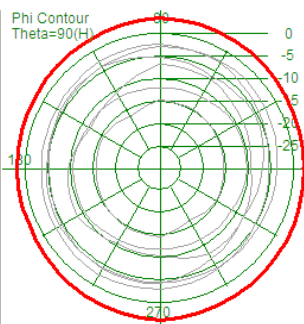
Gain: 4.85dBi



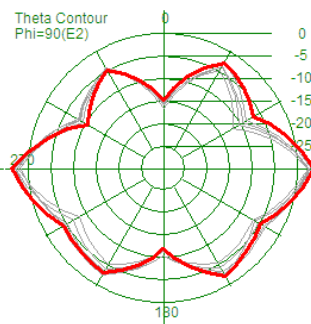
Efficiency: 71.56%



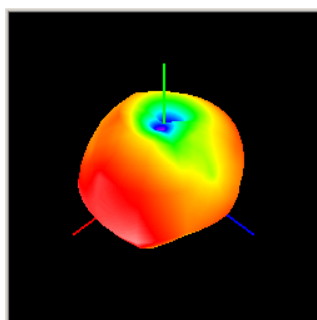
2.5GHz



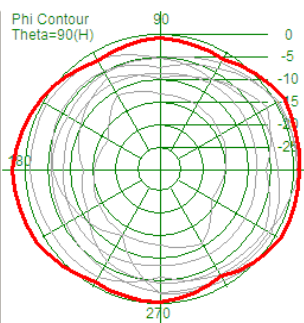
Gain: 4.92dBi



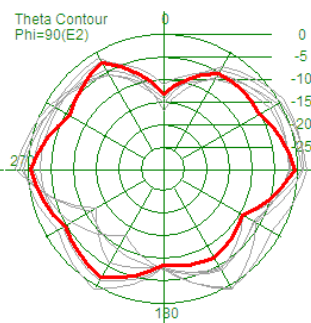
Efficiency: 72.19%



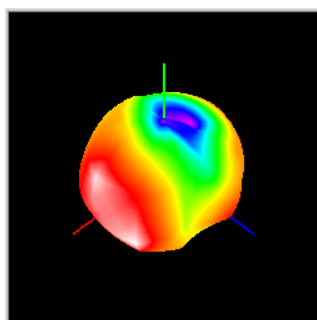
5.15GHz



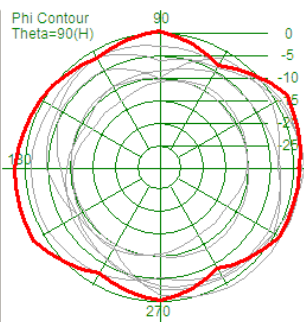
Gain: 5.06dBi



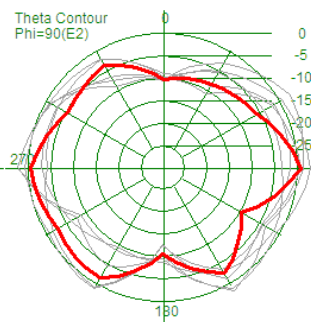
Efficiency: 73.34%



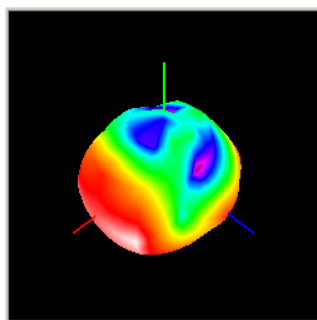
5.35GHz



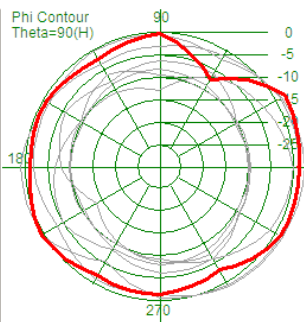
Gain: 5.17dBi



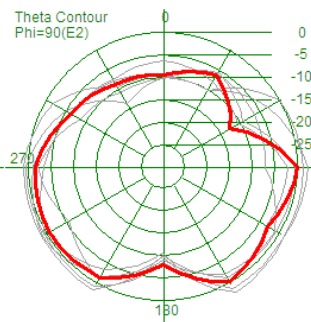
Efficiency: 73.23%



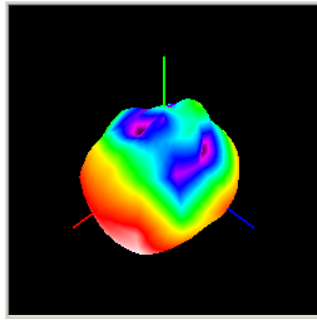
5.75GHz



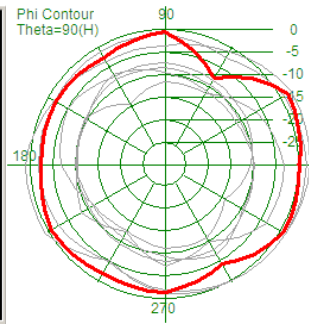
Gain: 5.21dBi



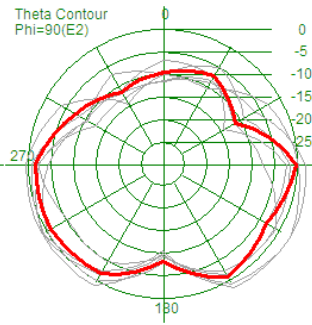
Efficiency: 74.18%



5.825GHz



Gain: 5.28dBi



Efficiency: 75.25%

Frequency ID	1	2	3	4	5	6	7
Frequency (MHz)	2400.0	2450.0	2500.0	5150.0	5350.0	5750.0	5825.0
Gain (dBi)	4.83	4.85	4.92	5.06	5.17	5.21	5.28
Efficiency (%)	71.38	71.56	72.19	73.34	73.23	74.18	75.25