
承 认 书

SPECIFICATION FOR APPROVAL

客 户 名 称

CUSTOMER NAME: Sihai Zhonglian

产 品 名 称


PRODUCT NAME: 2.4/5.8G-2.0DBI-Nickel-nickel copper built-in antenna

客 户 料 号

CUSTOMER P/N:

中 联 云 达 料 号

ZLYD P/N: ZLYD01NP2D32A REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	 2016/09/24	

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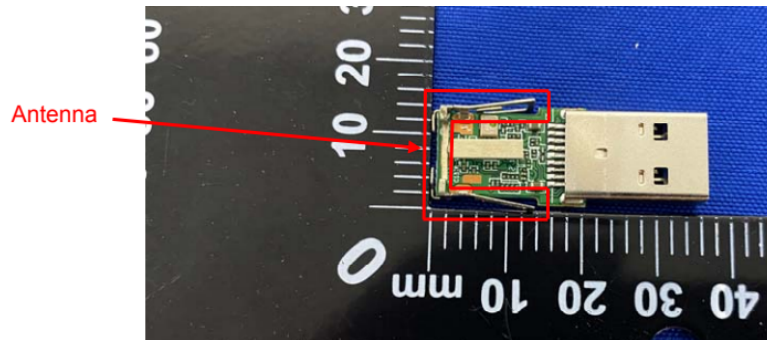
<i>Item</i>	<i>Description</i>
1.-----	Specification Table
2.-----	Dimensions
3.-----	testing report

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/ 5150~5800	Frequency Range (MHZ)	2400~2500/ 5150~5800
特性阻抗(Ω)	50	Impedance(Ω)	50
增益(dBi)	2.4G:1.75dBi 5G:2.11dBi	Gain(dBi)	2.4G:1.75dBi 5G:2.11dBi
输出电压 驻波比	≤ 1.92	VSWR	≤ 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	DIP	Connector Type	DIP
物理性能		Physical Properties	
天线本体材料	洋白铜	Antenna Base	洋白铜
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

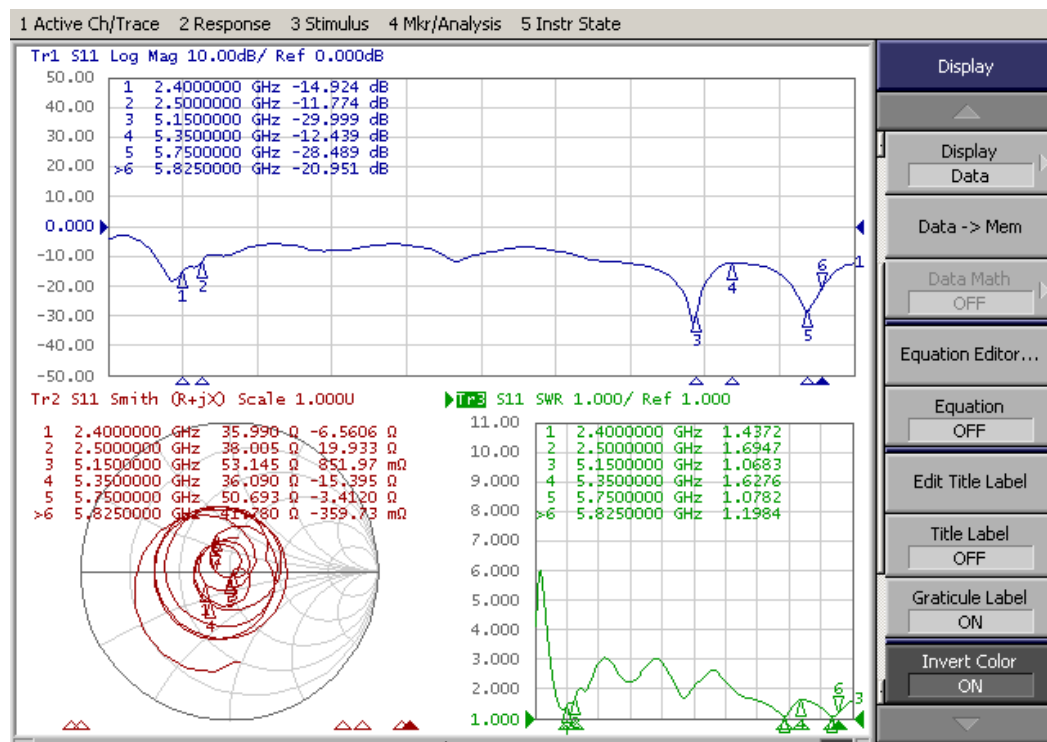
2. Dimensions:



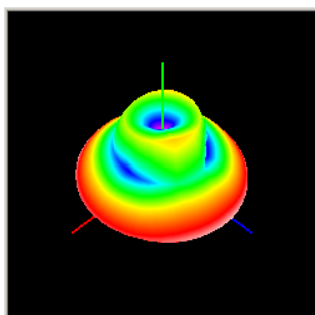
$L*W=14.3*3.5\text{mm}$

3. 测试报告

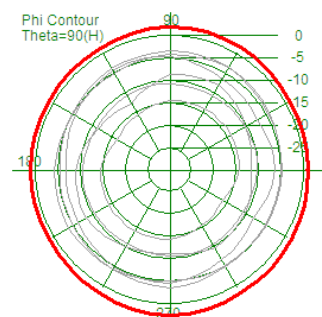
3.1: 网络分析仪测试报告



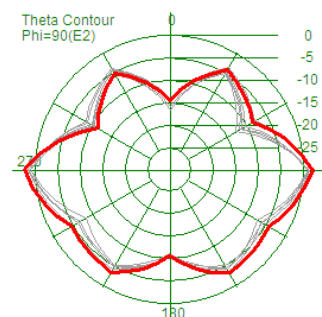
3.2: 暗室 2D、3DRadiation Pattern(整机数据)



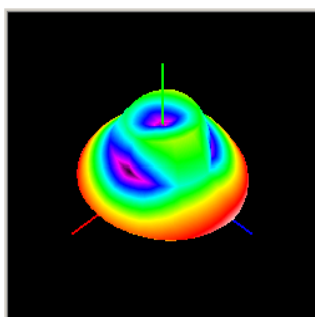
2.4GHz



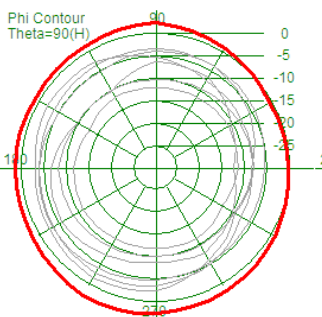
Gain:1.64dBi



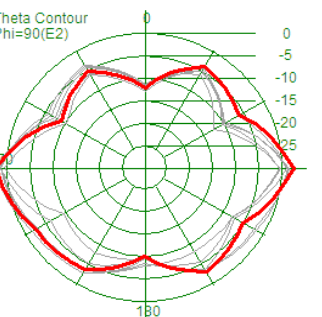
Efficiency:50.45%



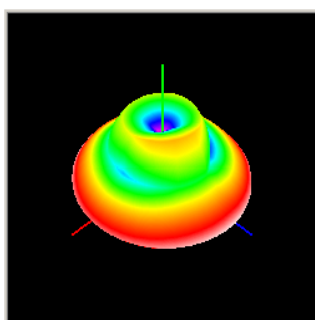
2.45GHz



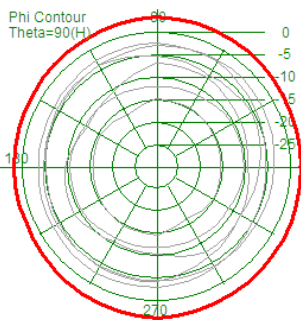
Gain: 1.75dBi



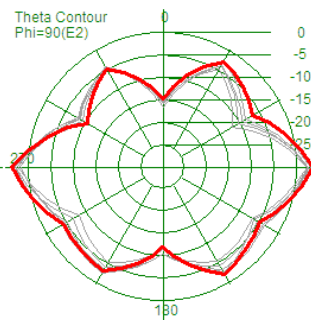
Efficiency: 53.19%



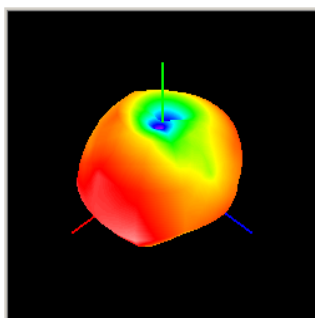
2.5GHz



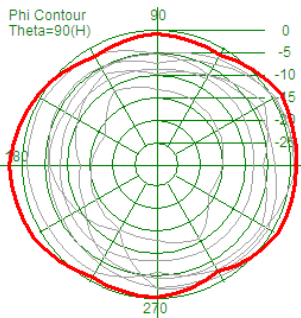
Gain: 1.62dBi



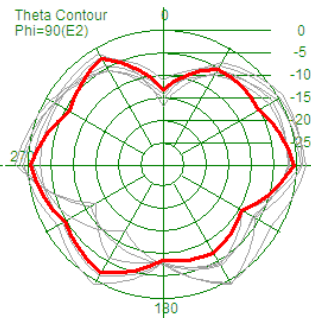
Efficiency: 51.21%



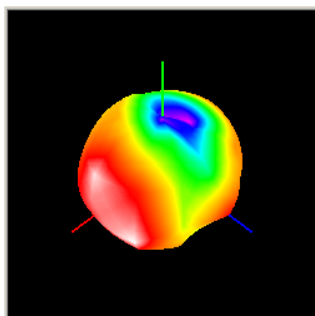
5.15GHz



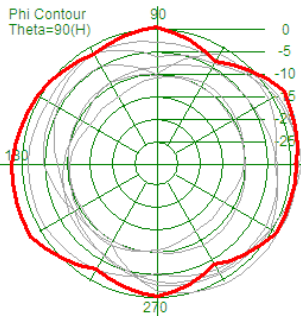
Gain: 1.87dBi



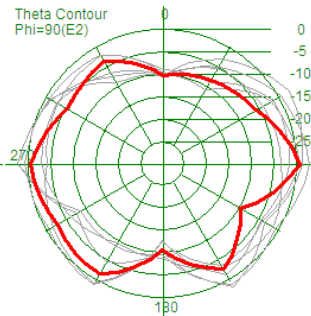
Efficiency: 53.57%



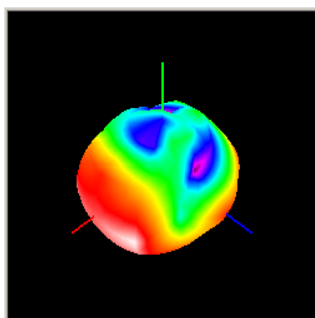
5.35GHz



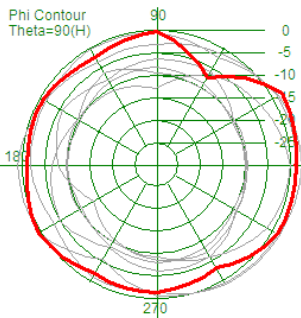
Gain: 1.82dBi



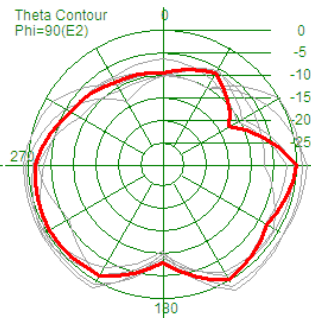
Efficiency: 54.03%



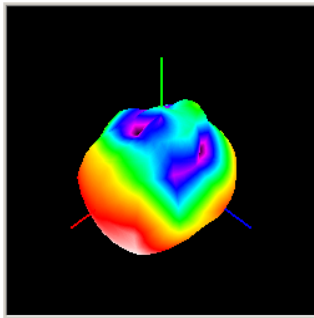
5.75GHz



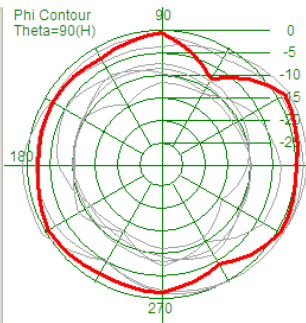
Gain: 1.96dBi



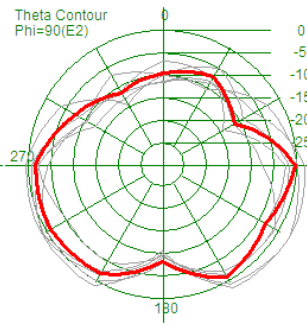
Efficiency: 55.42%



5.825GHz



Gain: 2.11dBi



Efficiency: 56.39%