天线增益报告

Antenna Gain Report

客户名称：深圳市中智智能科技有限公司

CustomerName：Shenzhen CY Intelligent Co.,Ltd

产品名称：　*2.4G*天线 全长*25mm*红色

ProductName：　2.4G Antenna，25mm in length, Red

客户型号：　03.A.11.00007

ProductName:　03.A.11.00007

产品料号：　*C10- 35- 2.5*

Part NO.:　*C10- 35- 2.5*

制 表 ：*WriteBy*：庄杰彬

日 期：　*2021- 10-08*

IssuedDate:　*2021- 10-08*

研发*R& D Dept*	工程 *Engineer Dept*	审核 *Approval*
庄彩虹	庄杰彬	庄杰彬

制造商：深圳市中智智能科技有限公司

Manufacturer：Shenzhen CY Intelligent Co.,Ltd

地址：中国深圳市龙华区大浪街道新岭路85号宝坤工业园4栋

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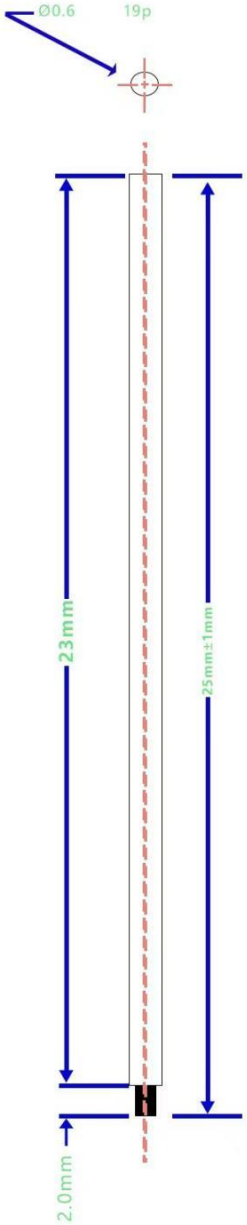
尺寸/**size**：



Product Specification

A. *ElectricalCharacteristics*
Frequency 2400MHz
~2500MHz VSWR<3.0
Efficiency >30%
Impedance 50
Ohm Polarization
Line Gain
0DBi
B. *Material & MechanicalCharacteristics*
Material of Radiator Cu
Cable Type 1.0 19P 红
Connector Type : NO
Dimension
C. *Environmental*
Operation Temperature - 30 °C ~ + 80
° CStorage Temperature - 30 ° C~+
85 °C

Test Equipment & Conditions

1. NetworkAnalyzers:

Agilent 8753D 5071C

2. Communications TestSet:

Agilent E5525C

3. 3D Chamber TestSystem

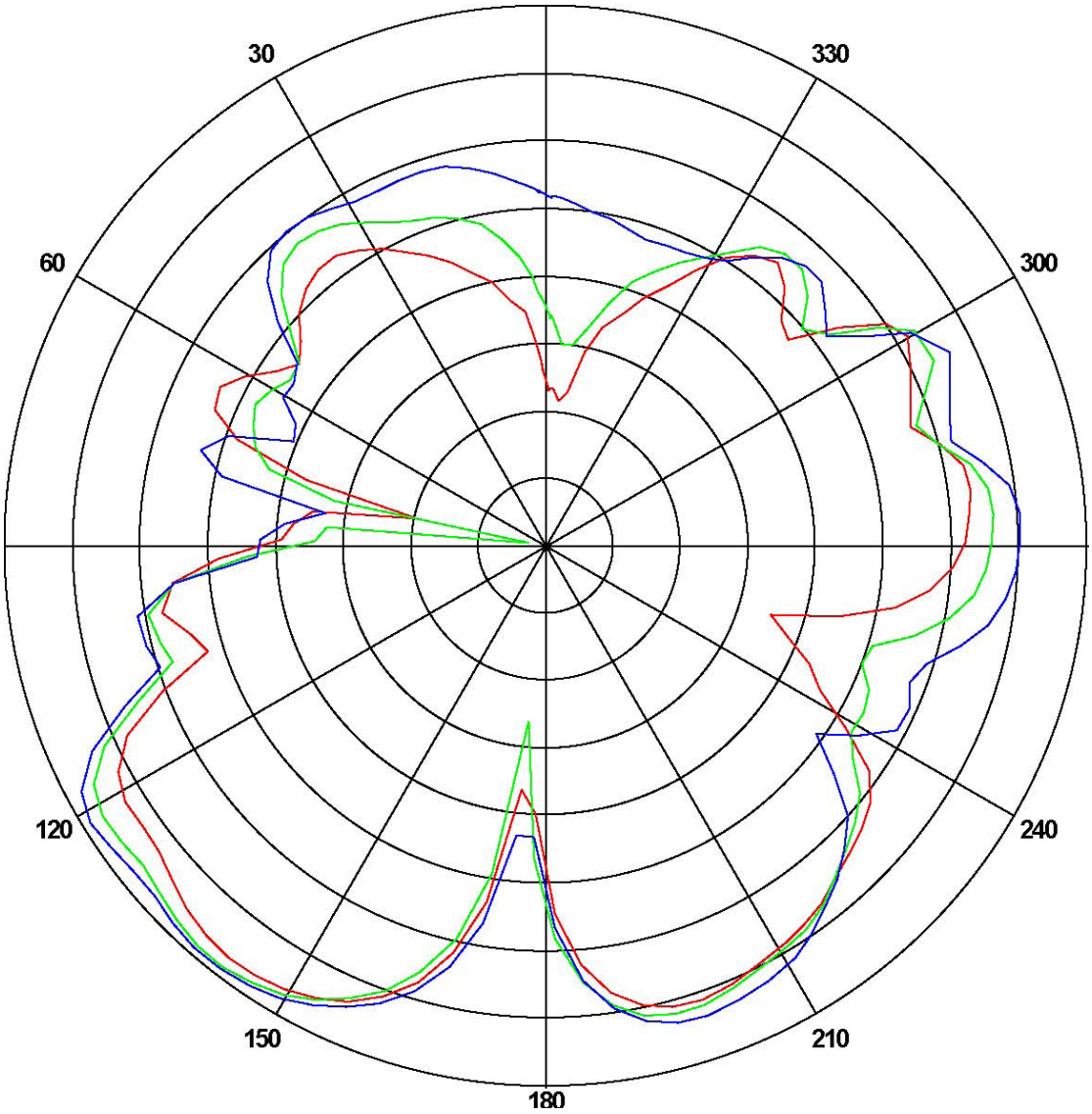
Effiency& Gain

2400MHz	-1.26174
2450MHz	-0.765802
2500MHz	0.000000

Horizontal: 2400 MHz 2450 MHz 2500 MHz

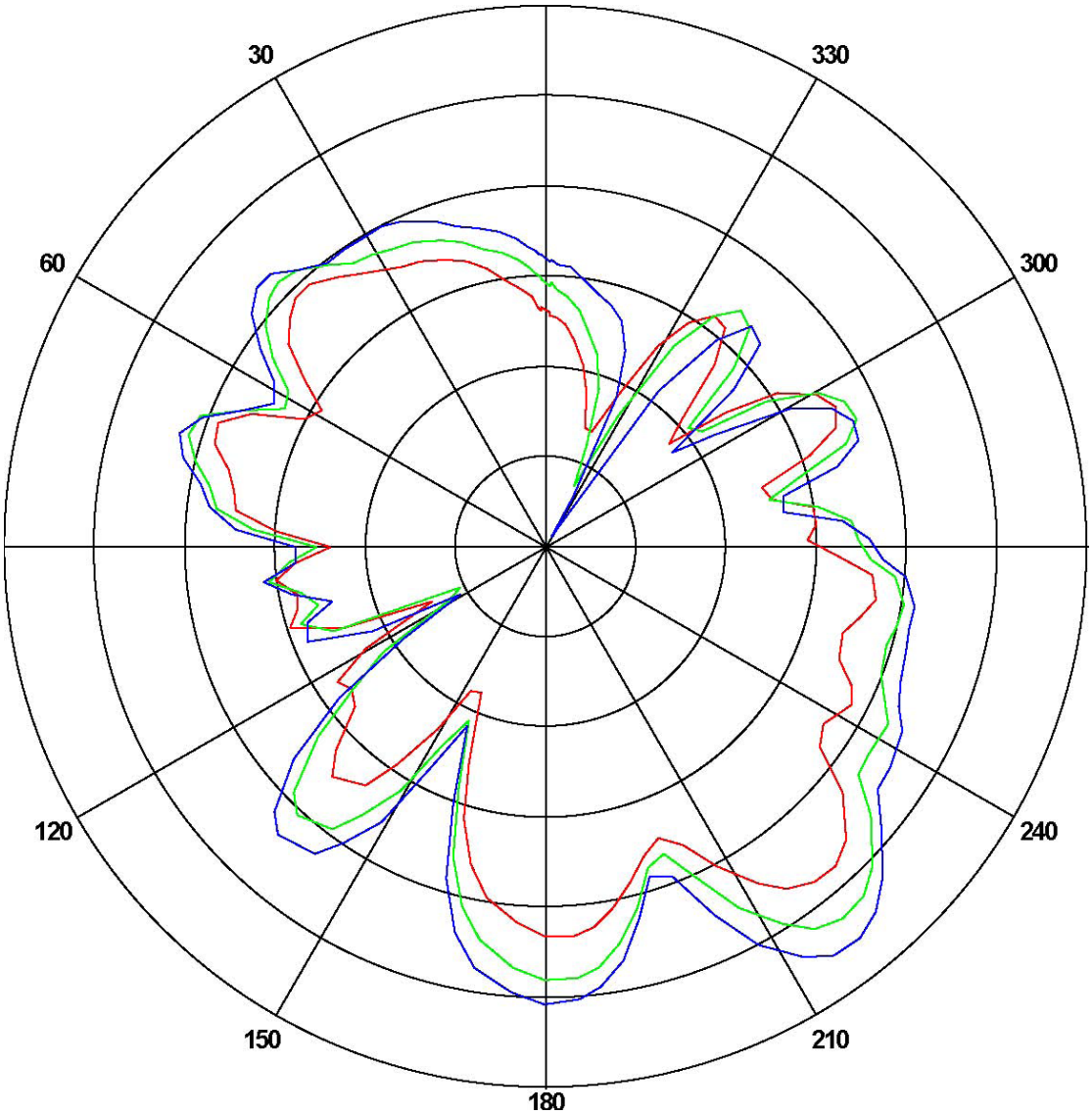
Power (dBm)

Max: 0 Min: -40 Scale: 5/div



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	0.0000000	-22.0315	-6.59127

Vertical: 2400 MHz 2450 MHz 2500 MHz
Power (dBm)
Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-4.2537	-22.1424	-12.4294
2450	-1.4652	-24.5837	-10.4702
2500	-0.86120	-29.5214	-9.20432