

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 <i>R& D Dept</i>	工程 <i>Engineer Dept</i>	审核 <i>Approval</i>
庄彩虹	庄杰彬	庄杰彬

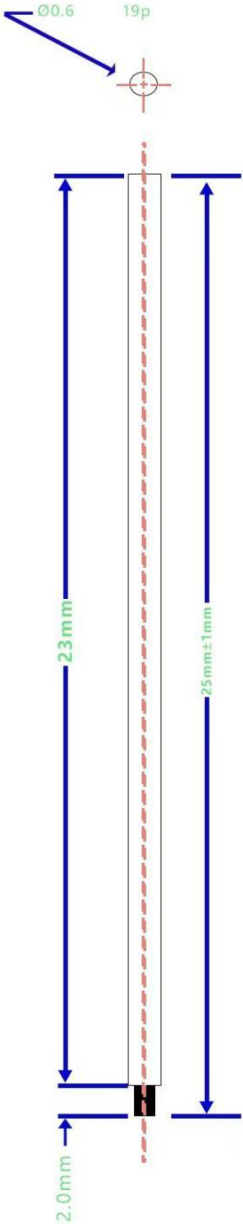
制造商: 深圳市中智智能科技有限公司

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

F4 Bld 4, Baokun Industrial Park, No.85 Xinling Road,
Dalang Street, Longhua District, Shenzhen, China

尺寸/size:



Product Specification

A. Electrical Characteristics

Frequency 2400MHz

~2500MHz VSWR<3.0

Efficiency >30%

Impedance 50

Ohm Polarization

Line Gain

0DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P 红

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80

° C Storage Temperature - 30 ° C ~ +

85 °C

Test Equipment & Conditions

1. Network Analyzers:

Agilent 8753D 5071C

2. Communications Test Set:

Agilent E5525C

3. 3D Chamber Test System

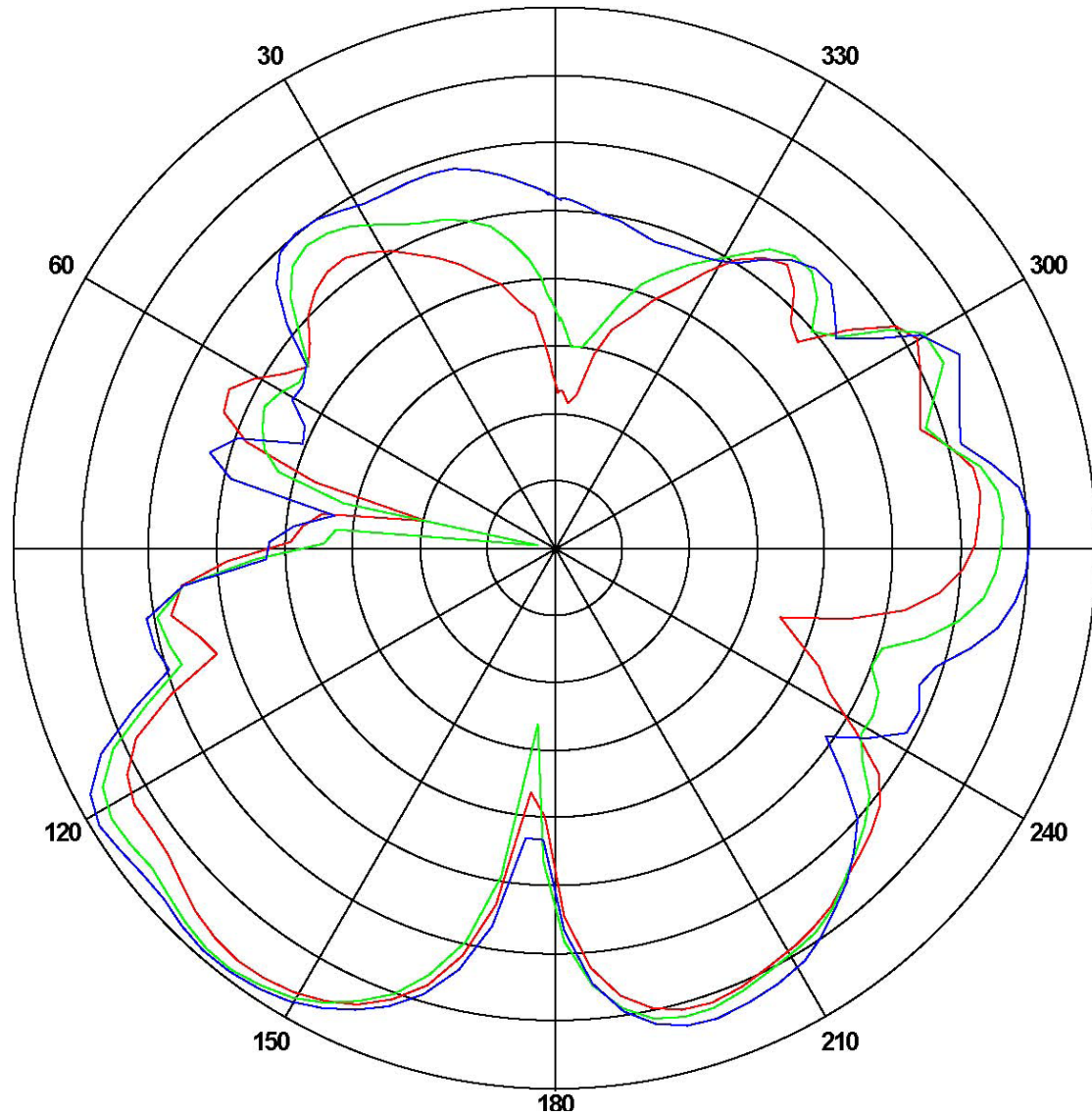
Efficiency & Gain

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

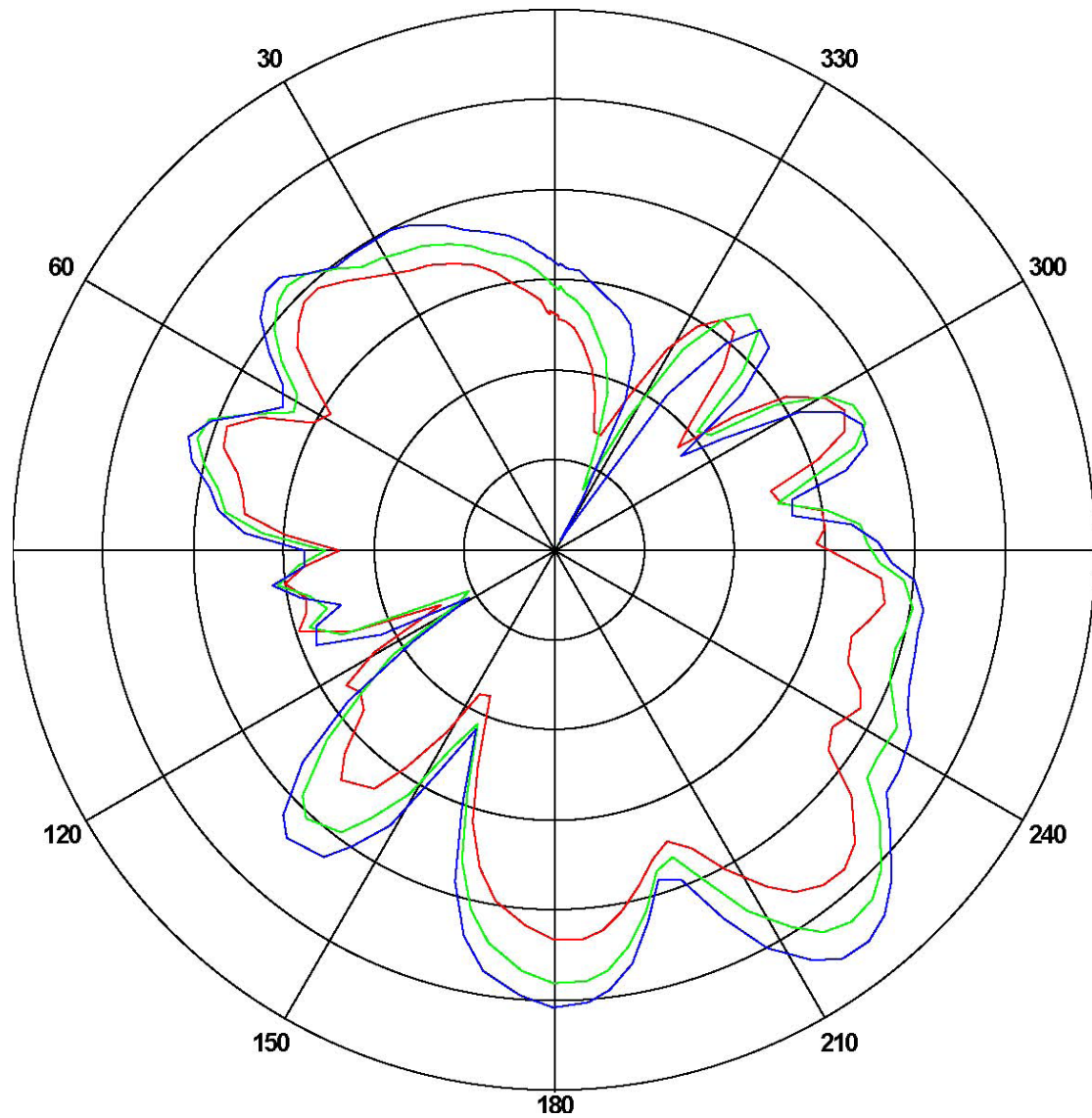


Frequency (MHz)	Gain(dB)		
	Max	Min	Avg
2400	-1.26174	-30.0801	-7.18716
2450	-0.765802	-36.5604	-7.48023
2500	0.000000	-22.0315	-6.59127

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