

深圳市一线通线缆有限公司

Manufacturer: Shenzhen Yiantong Cable Co., LTD

地址: 深圳市宝安区沙井街道万丰98工业城21栋

Address: Building 21, Wanfeng 98 Industrial City, Shajing

Sub-district, Bao 'an District, Shenzhen City

天线规格承认书

Antenna Specification for Approval

客户名称

CustomerName: 深圳市魔样科技有限公司

产品名称:

ProductName: 2.4G天线 全长25mm红色

客户型号:

ProductName:

产品料号:

Part NO.: C10- 35- 2.5

制 表 :

WriteBy: 庄杰彬

日 期:

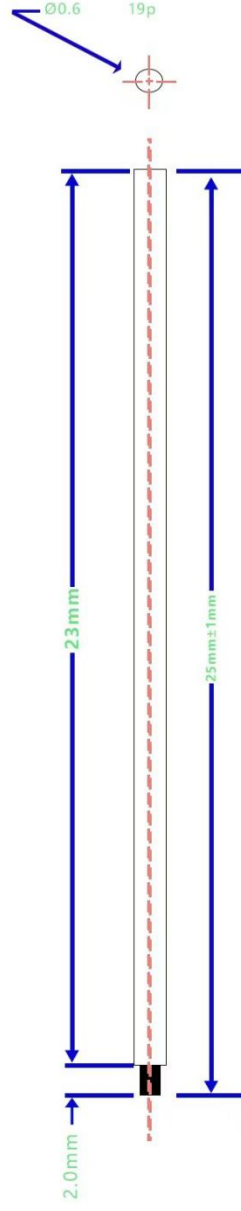
IssuedDate: 2021- 10-08

客 户:

工程R& D Dept	采购 Business Dept	承认 Approved By

一线通

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



Product Specification

A. Electrical Characteristics

Frequency 2400MHz

~2500MHz VSWR<3.0

Efficiency >30%

Impedance 50

Ohm Polarization

Line Gain

0.17DBi

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

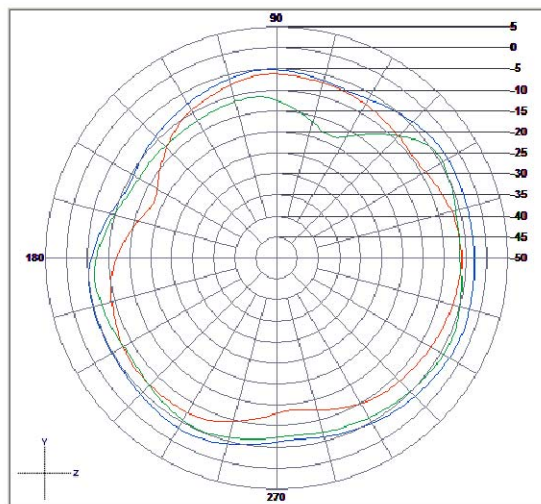
2. Communications Test Set:

Agilent E5525C

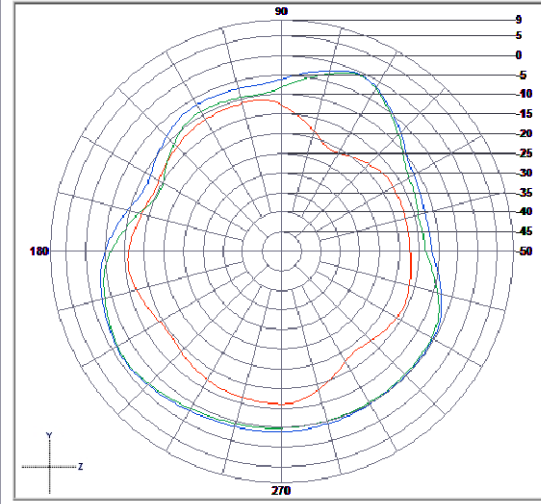
3. 3D Chamber Test System

Efficiency& Gain

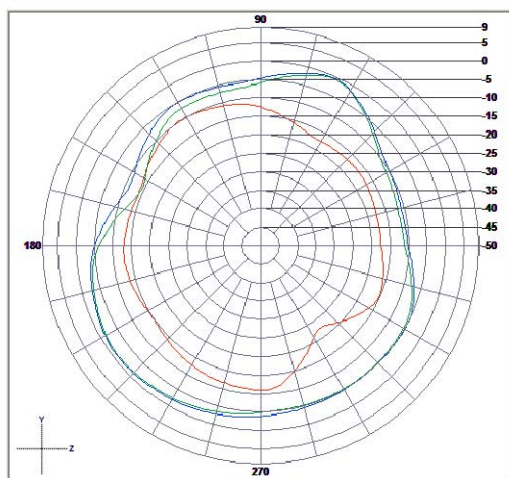
Radiation Pattern:



	Vertical	Horizontal	Total
Avg. Gain	-8.4dBi	-6.99dBi	-4.63dBi
Peak Gain	-5.48dBi	-3.77dBi	-2.17dBi



	Vertical	Horizontal	Total
Avg. Gain	-13.34dBi	-5.06dBi	-4.46dBi
Peak Gain	-10.3dBi	0.09dBi	0.12dBi



	Vertical	Horizontal	Total
Avg. Gain	-13.42dBi	-4.6dBi	-4.06dBi
Peak Gain	-9.42dBi	0.1dBi	0.17dBi

