Shenzhen Yiyitong Cable Co., Ltd.
Building 21, Wanfeng 98 Industrial City, Shajing Street, Bao'an District, Shenzhen, China

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：

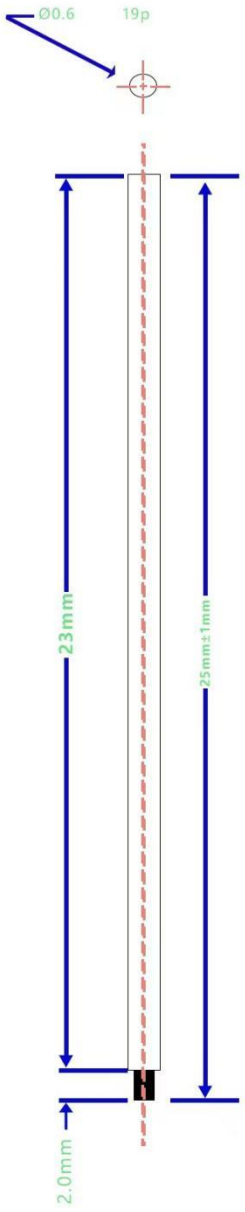
IssuedDate: *2021- 10-08*

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


Ø0.6
19p
23mm
25mm±1mm
2.0mm

Product Specification

A. *ElectricalCharacteristics*

Frequency 2400MHz

~2500MHz VSWR<3.0

Efficiency >30%

Impedance 50

Ohm Polarization

Line Gain

0.17DBi

B. *Material & MechanicalCharacteristics*

Material of Radiator Cu

Cable Type 1.0 19P

Connector Type : NO

Dimension

C. *Environmental*

Operation Temperature - 30 °C ~ + 80° C

Storage Temperature - 30 ° C~+ 85 °C

Test Equipment & Conditions

1. NetworkAnalyzers:

Agilent 8753D 5071C

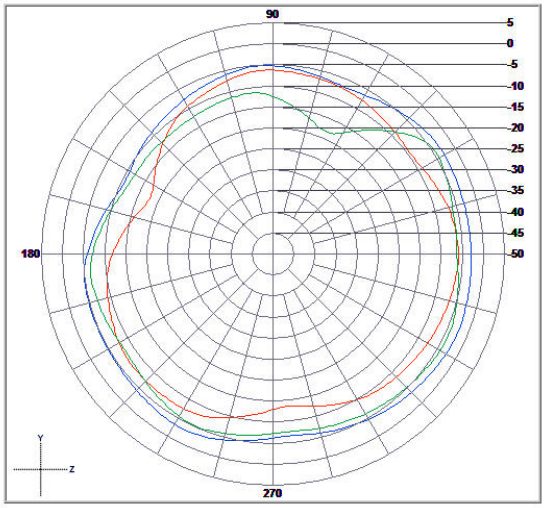
2. Communications TestSet:

Agilent E5525C

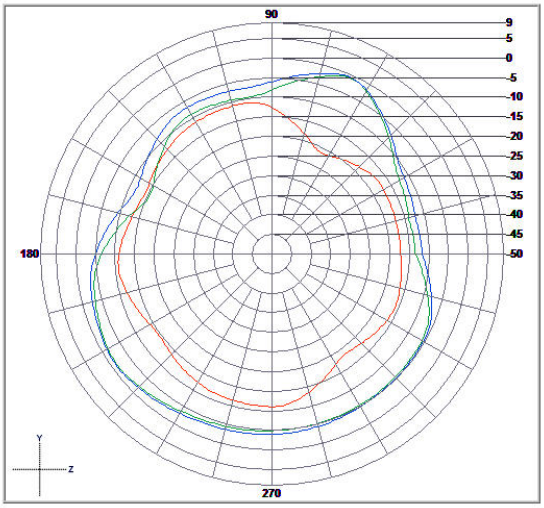
3. 3D Chamber TestSystem

Effiency& Gain

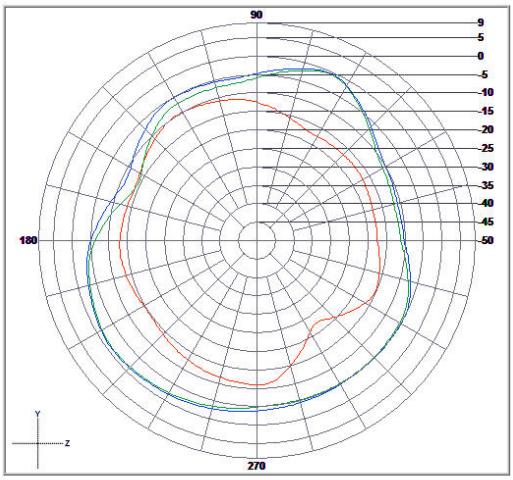
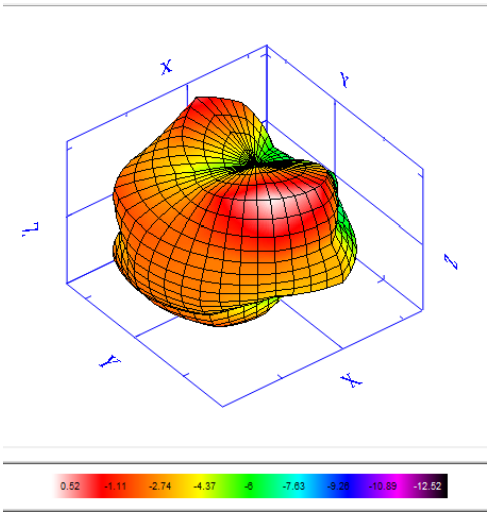
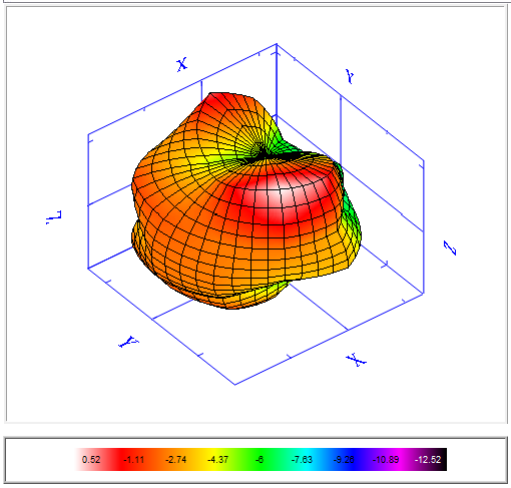
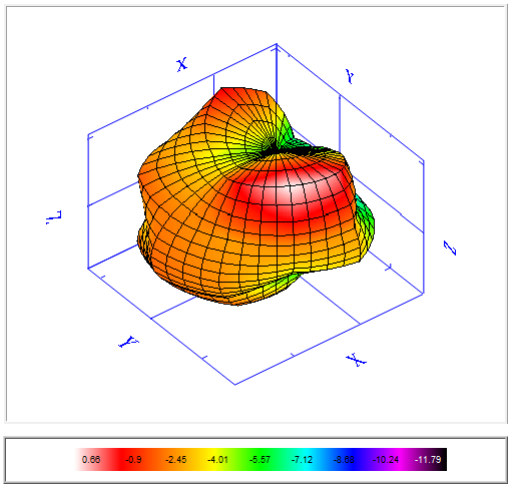
Radiation Pattern:



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



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



	Vertical	Horizontal	Total
Avg. Gain	-13.42dBi	-4.6dBi	-4.06 dBi
Peak Gain	-9.47dBi	0.1 dBi	0.17 dBi