

深圳市一线通线缆有限公司

Shenzhen first line cable Co., LTD

地址：深圳市宝安区沙井街道万丰98工业城21栋

Add: 21 Building, Wanfeng 98 Industrial City, Shajing Street, Baoan District, Shenzhen

天线规格承认书

Antenna Specification for Approval

客户名称

CustomerName: 深圳市慧芯科技有限公司

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:

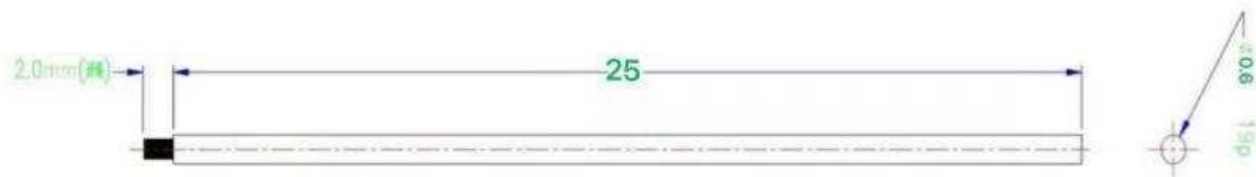
IssuedDate: 2023-06-26

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

ODBi

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 TestSet:

Agilent E5525C

3. 3D Chamber TestSystem

Efficiency& Gain

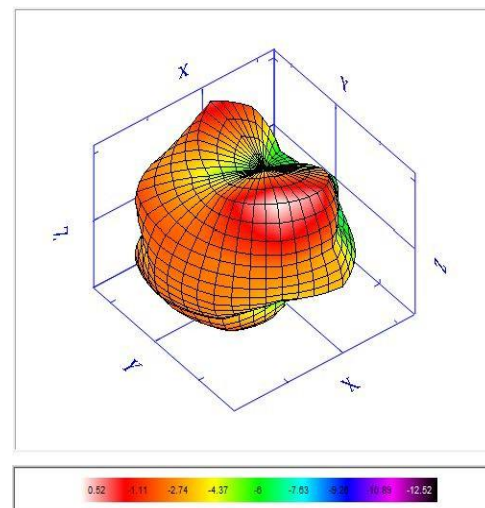
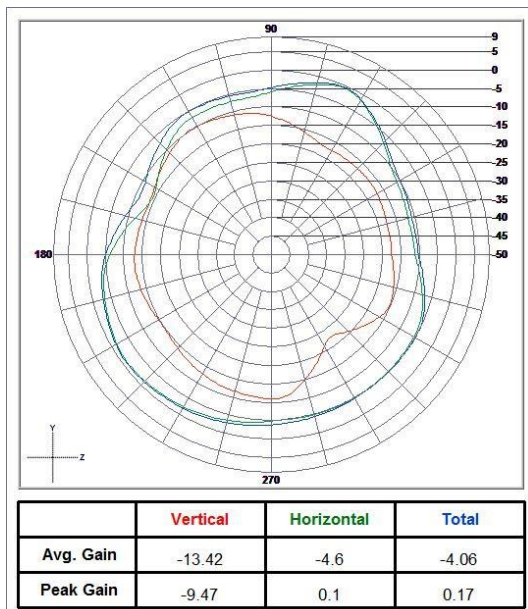
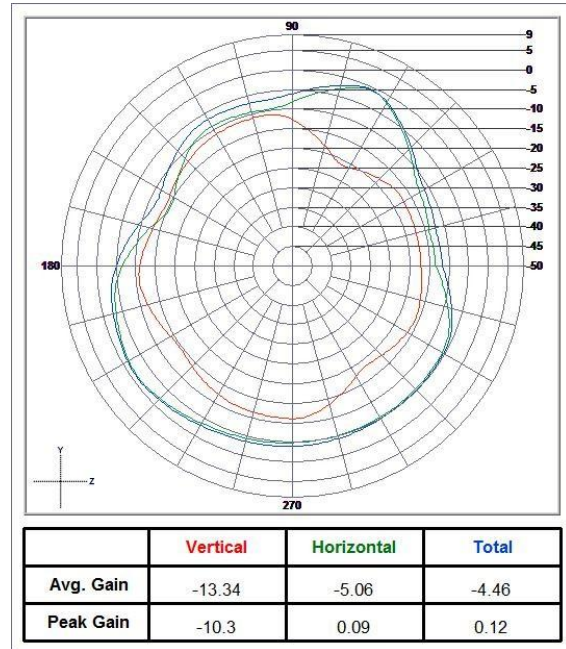
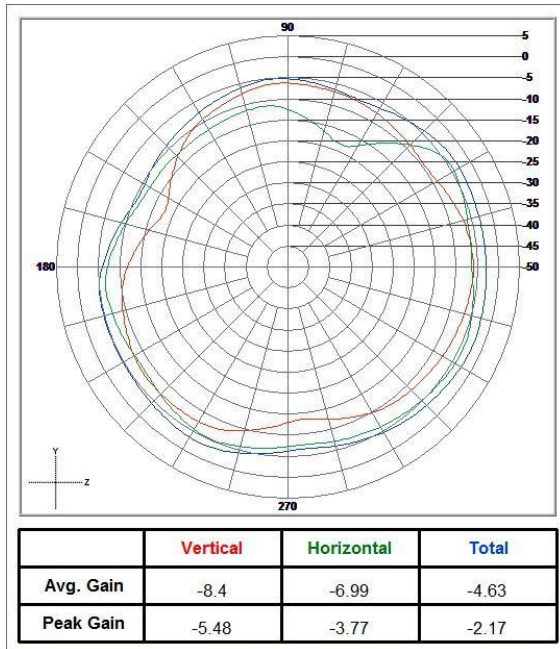
Efficiency& Gain

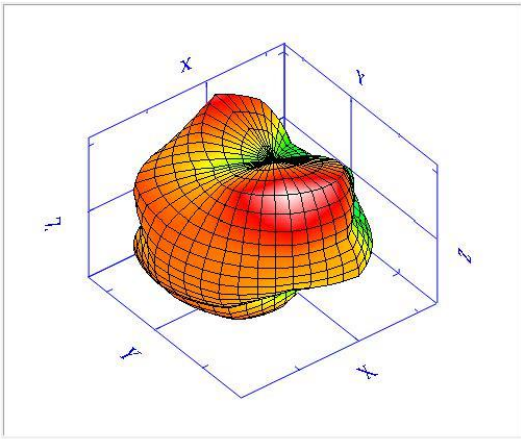
2.40 - 0.00

2.440 - 0.11

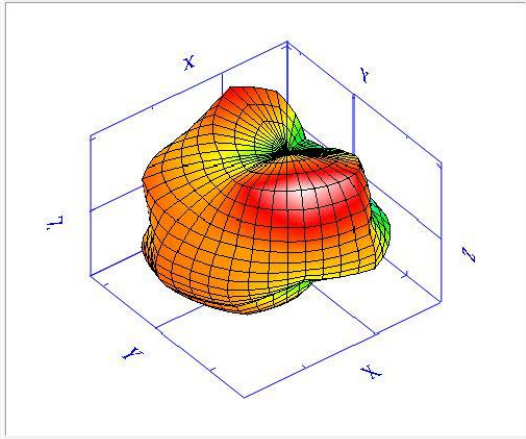
2.48 - 0.13

Radiation Pattern:





0.52 -1.11 -2.74 -4.37 -6 -7.63 -9.25 -10.88 -12.52



0.86 -1.9 -2.45 -4.01 -5.57 -7.12 -8.68 -10.24 -11.79