

Dongzhen Electronics Co., Ltd.

Antenna Specification Acknowledgment

Antenna Specification for Approval

客户名称:

Customer Name: HANG TIAN TOYS FACTORY

产品名称:

Product Name: 2.4G Antenna 33 full length White

客户型号:

ProductName: HT205, HT069, HT077, HT079, HT156, HT157, HT158,
HT159, HT185, HT186, HT187, HT188, HT189, HT203, HT204, HT2
06, HT207, HT208, HT209

产品料号:

Part NO. : 19 cores * 0.12 * 1.4PVC

制表:

Write By: Miss Zhou

日期:

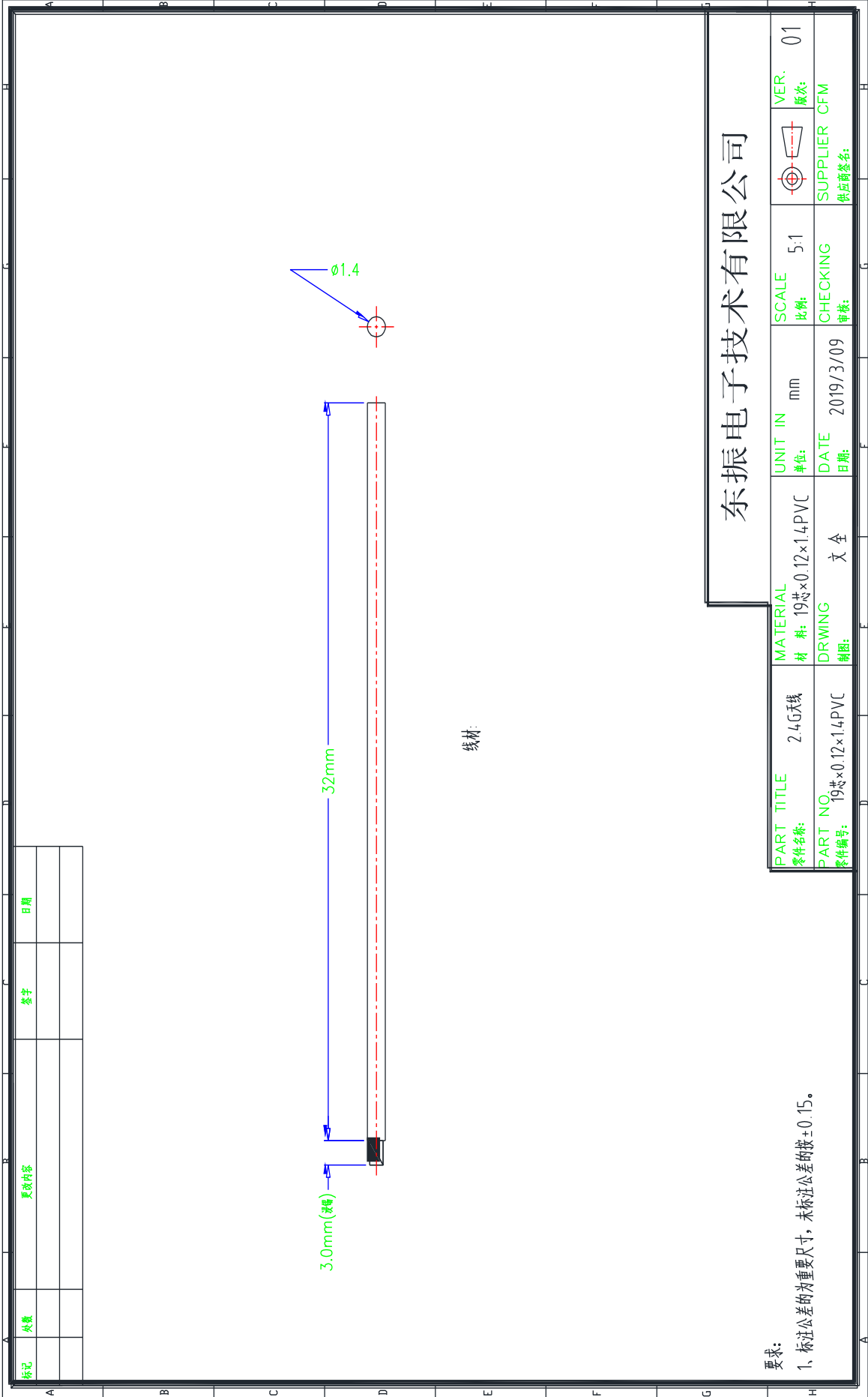
Issued Date: Mar.8th, 2023

客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

东 振 电 子

研发R&D Dept	工程 Engineer Dept	审核 Approval



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <1.0

Efficiency >20%

Impedance 50 Ohm

Polarization Line

Gain 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.4 白色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

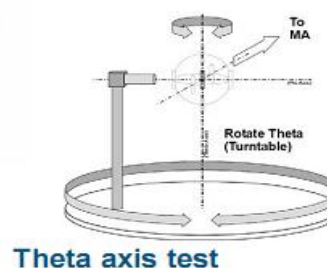
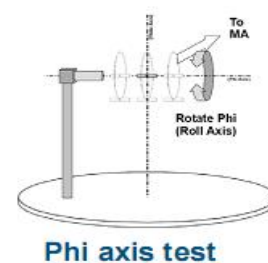
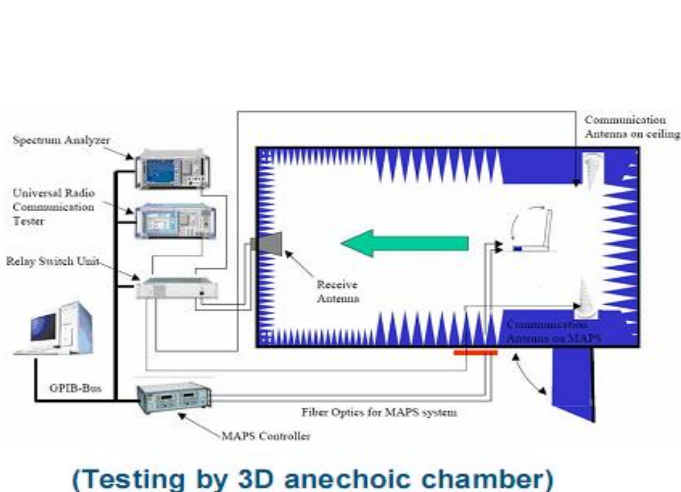
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

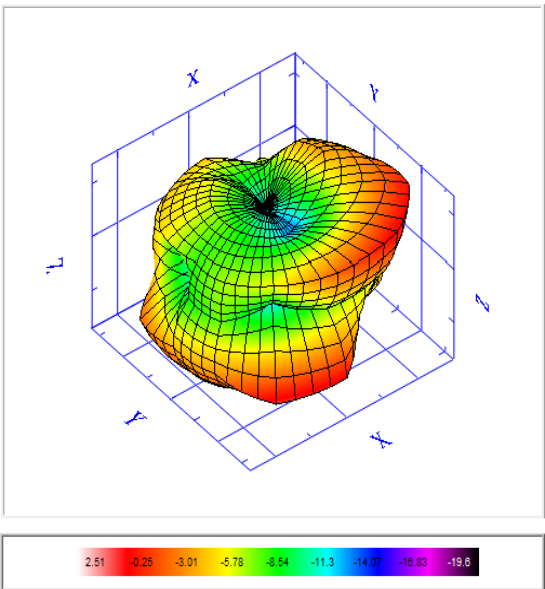
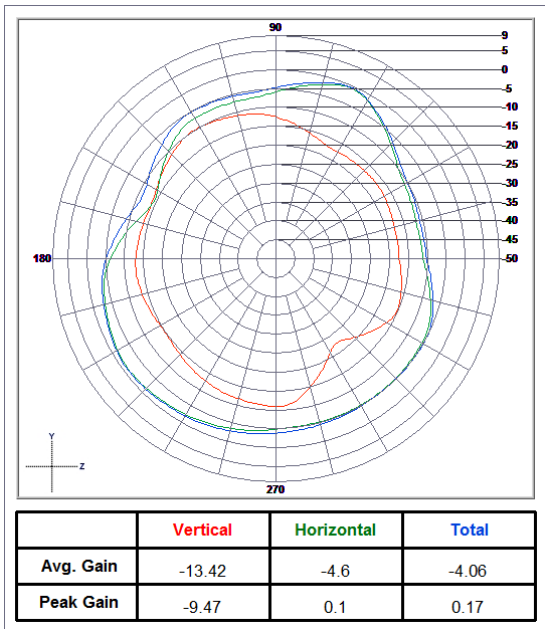
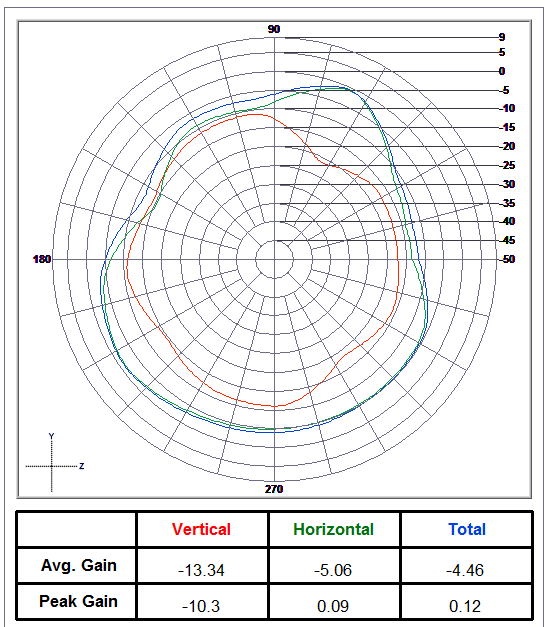
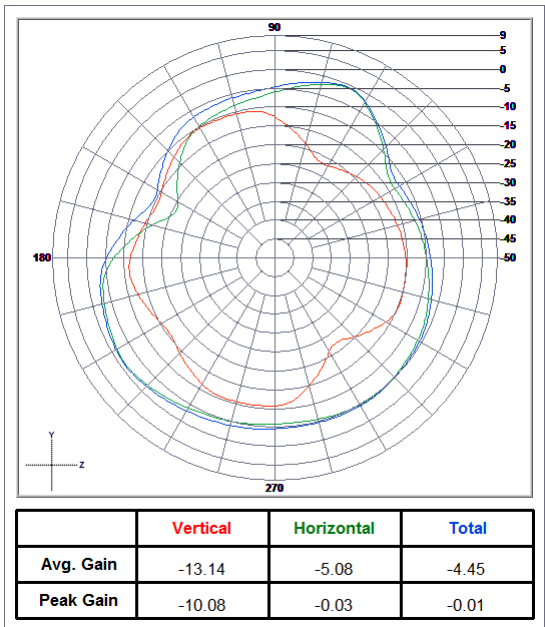
3. 3D Chamber Test System

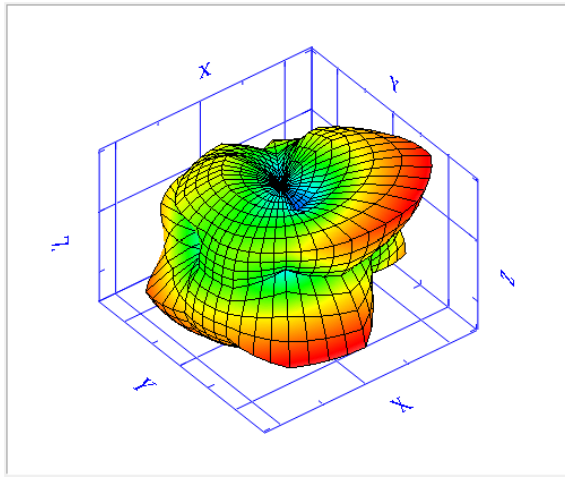


Effiency &Gain

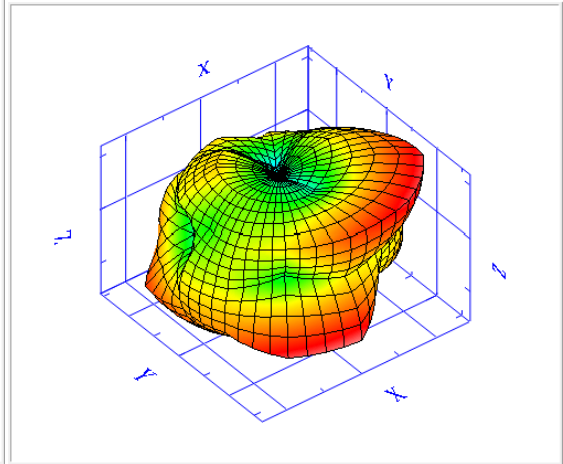
2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:





2.12 -0.3 -2.73 -5.16 -7.58 -10.01 -12.44 -14.86 -17.29



1.98 -0.58 -3.14 -5.7 -8.25 -10.81 -13.37 -15.93 -18.49