

深圳市利信威科技有限公司

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: 富威科创

产品名称:

Product Name: 2.4G天线 全长50银白色

客户型号:

Product Name:

产品料号:

Part NO.: C081H-50-2.5

制表:

Write By: 周敏

日期:

Issued Date: 2022-8-20

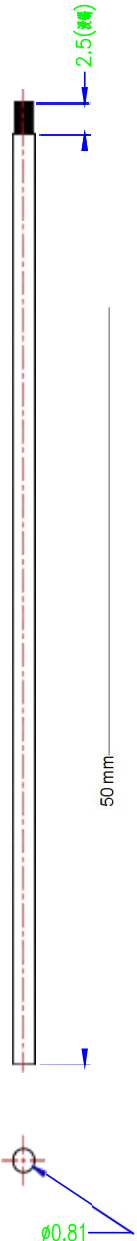
客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

利 信 辉

研发R&D Dept	工程 Engineer Dept	审核 Approval

样	揭杆	—	載鋼轉	C	D	E	F	H
A								



材料:0.81黑色鋼線、鋼絲50R 頻率2.4G

利信輝電子技术有限公司

PART TITLE	MATERIAL	UNIT IN	SCALE	VER
鋼玻璃離隔口	第 鋼口	等身口	撤蝦口	喉棒口
PART NO.	DRAWING	DATE	CHECKING	SUPPLIER CPM
鋼玻璃離隔口(081-33-2.5)	案口	張永紅	2014/12/09	鼎荷改 離口

要求:
1、标注公差的重要尺寸, 未标注公差按±0.15。

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >50%

Impedance 50 Ohm

Polarization Line

Gain 0DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 0.81 银白色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1 . Network Analyzers :

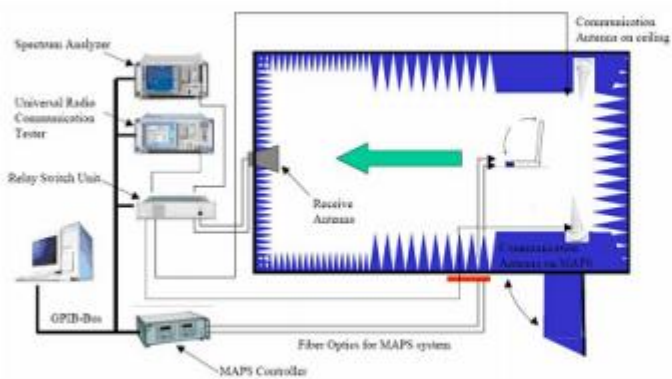
Agilent 8753D 5071B

2 . Communications Test Set:

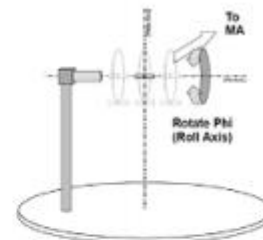
Agilent E5515C

3 . 3D Chamber Test System

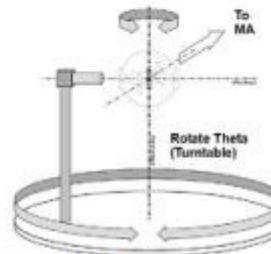
Effiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Efficiency & Gain

2.40	-0.01
2.440	0.12
2.48	0.10

Radiation Pattern:

