

汕头市宏展电业有限公司

天线规格承认书

Antenna Specification for Approval

客户名称:

Customer Name: 和钛

产品名称:

Product Name: 2.4G 天线 全长40mm 白色

天线类型:

Antenna Type: Wire Antenna

产品料号:

Part NO.: 17-0.1-1.6

制 表:

Write By: Wang

日 期:

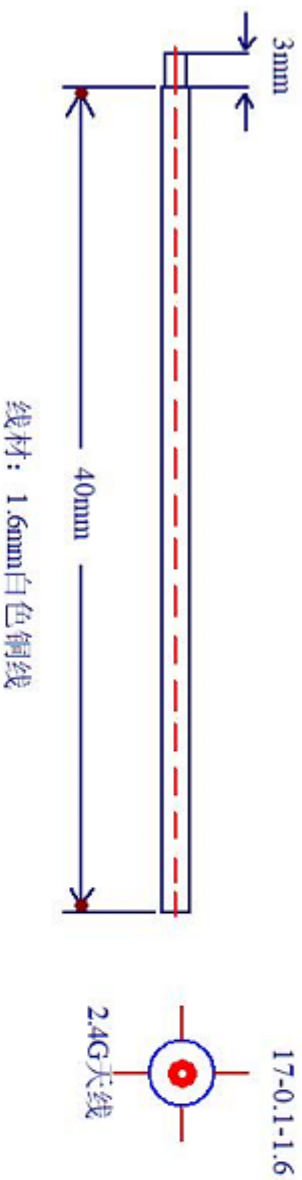
Issued Date: 2023.02.18

客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

宏展电业

研发R&D Dept	工程 Engineer Dept	审核 Approval



汕头市宏展电业有限公司			
PART TTITLE: 2.4G天线		MATERIAL: 1.6mm 铜线	
PART NO: 17-0.1-16	DATE: 2022.09.16	UNTT IN mm	SCALE 5.1 VER 01

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 white

Connector Type : NO

Dimension:

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

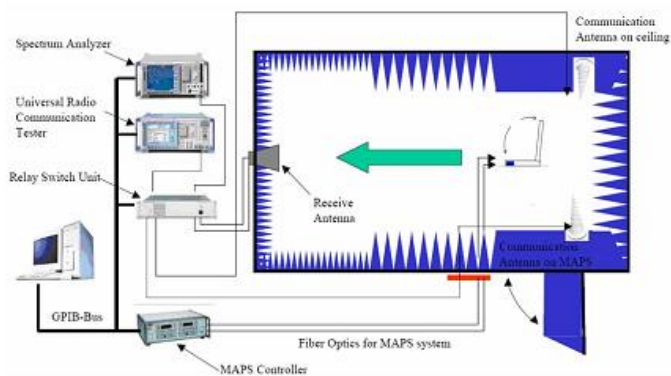
Agilent 8753D 5071B

2. Communications Test Set:

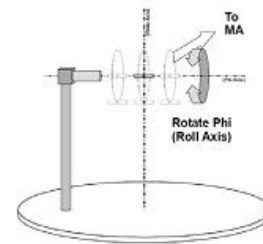
Agilent E5515C

3. 3D Chamber Test System

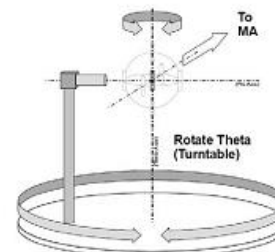
Efficiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Effiency &Gain

2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:

