

汕头市宏展电业有限公司

Shantou Hongzhan electric industry Co., LTD

汕头市澄海区广益街道美龙区九巷14号2楼

2F, No. 14, Lane 9, Meilong District, Guangyi Street, Chenghai District, Shantou City

天线规格承认书

Antenna Specification for Approval

产品名称:

Product Name: 2.4G Antenna length 40mm White

天线类型:

Antenna Type: Wire Antenna

产品料号:

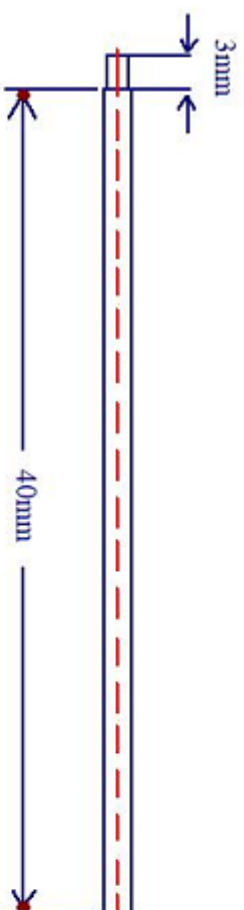
Part NO.: 17-0.1-1.6

制表:

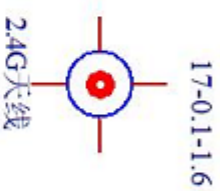
Write By: Wang

日期:

Issued Date: 2023.02.18



线材：1.6mm白色铜线



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 :

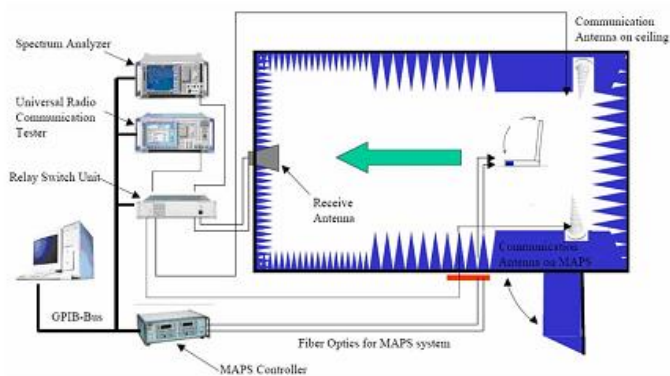
Agilent 8753D 5071B

2. Communications Test Set:

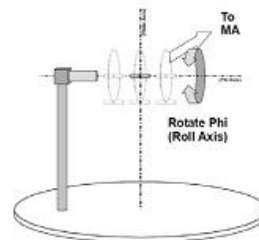
Agilent E5515C

3. 3D Chamber Test System

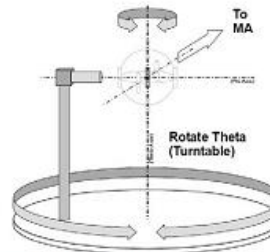
Effiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Efficiency & Gain

2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:

