

易达线材天线规格承认书

Yida wire antenna specification recognition

客戶名稱：

Customer Name:

客戶名稱：

Product Name: 2.4G 天线 全长33 黑色/2.4G antenna Total length 33 black

客戶型號 / 廠商：

Product Name:

產品料號：

Part NO.:

7芯 * 0.1 * 1.2

製表：

Write By:

日期

2024-03-21

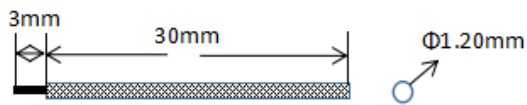
Issued Date:

地址

广东省汕头市澄海区上华镇蛟头叶村易达电子有限公司

Adress:

Yida Electronics Co., Ltd., Jiaotouye Village, Shanghua Town,
Chenghai District, Shantou City, Guangdong Province



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >20%

Impedance 50 Ohm

Gain 0.59DBi

Polarization mode: linear polarization

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.4 black

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

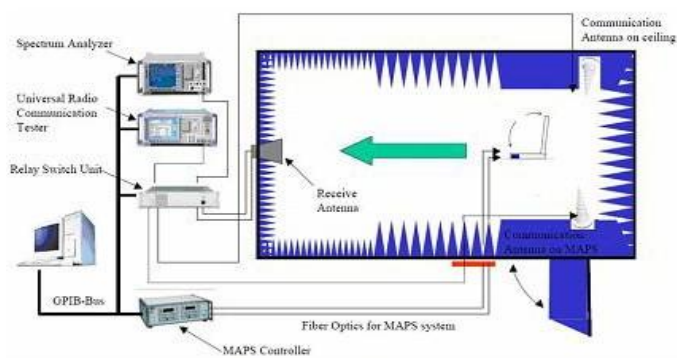
Test Equipment & Conditions

1. Network Analyzers :

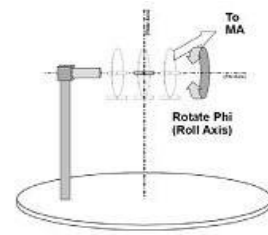
Agilent 8753D 5071B

2. Communications Test Set:

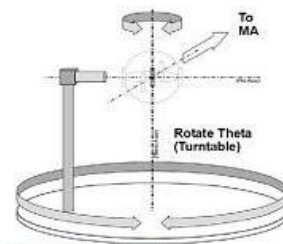
Agilent E5515C



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Effiency &Gain

Freq (MHz)	Effi (%)	Gain (dBi)
2400	23.66	0.47
2410	23.19	0.38
2420	23.03	0.49
2430	22.41	0.42
2440	21.67	0.45
2450	20.24	0.52
2460	20.61	0.51
2470	21.41	0.59
2480	23.89	0.56
2490	26.46	0.53
2500	25.73	0.46