

深圳正华兴科技有限公司

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: Blue light electronics

产品名称:

Product Name: 2.4G antenna with a total length of 33 in red

客户型号:

Product Name:

产品料号:

Part NO.: 3239/24 ts 11*0.16 33MM

C1.0-27-3

制 表:

Write By: 林宇宏

日 期:

Issued Date: 2020-05-21

客 户:

工程 R&D Dept	采购 Business Dept	承认 Approved By

正华兴

研发 R&D Dept	工程 Engineer Dept	审核 Approval

3239/24 ts11*0.16 33mm 一端剥皮3mm上锡，另外端裁平 红																			
规格																			
成品图										33±2mm 3±0.5mm上锡 正华兴科技 2024.05.21 工程部									

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2480MHz

VSWR <1.0

Efficiency >20%

Impedance 50 Ohm

Polarization Line

Gain 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 red

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 ° C ~ + 80 ° C

Storage Temperature - 30 ° C ~ + 85 ° C

Test Equipment & Conditions

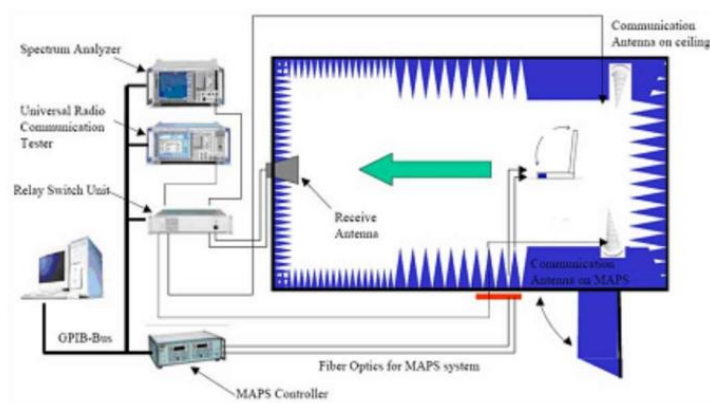
1. Network Analyzers :

Agilent 8753D 5071B

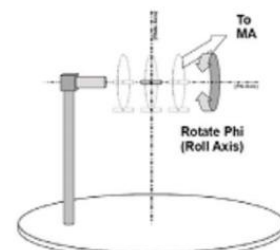
2. Communications Test Set:

Agilent E5515C

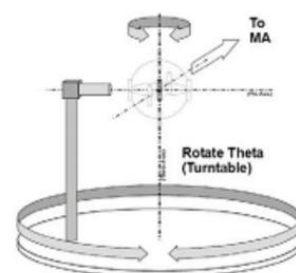
3. 3D Chamber Test System



(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:

