

东莞市利信威电子有限公司

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: 海迪电子

产品名称:

Product Name: 2.4G天线 全长65MM

客户型号:

Product Name:

产品料号:

Part NO.: 65MM天线

制表:

Write By: 周敏

日期:

Issued Date: 2018-11-08

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

梓豪 揭杆

载制喇

研

3mm(±0.05)

62

Ø1.0 19p

线材 1mm白色镀银线

利信威电子技术有限公司

要求:

- 1、标注公差为重要尺寸, 未标注公差的按±0.2。

PART TITLE 锚 璃 磨 備	MATERIAL 第 躡 1mm 鐵 線	UNIT IN 等 拿	SCALE 掀 歐	VER. 唵 棒
PART NO. 锚 璃 磨 易	DRAWING 案 苒	DATE 2018/11/09	CHECKING 机 瞄	SUPPLIER CEM 鼎 筒 改 磨
2.4G 天 线	文 全	5:1		
10-27.5-25				

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 灰色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

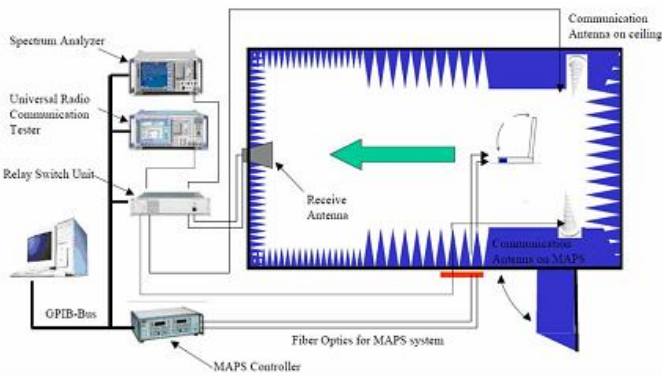
1. Network Analyzers :

Agilent 8753D 5071B

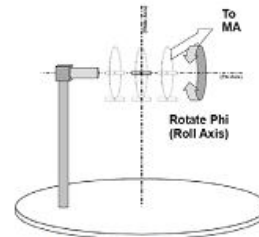
2. Communications Test Set:

Agilent E5515C

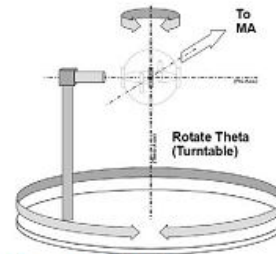
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



Phi axis test

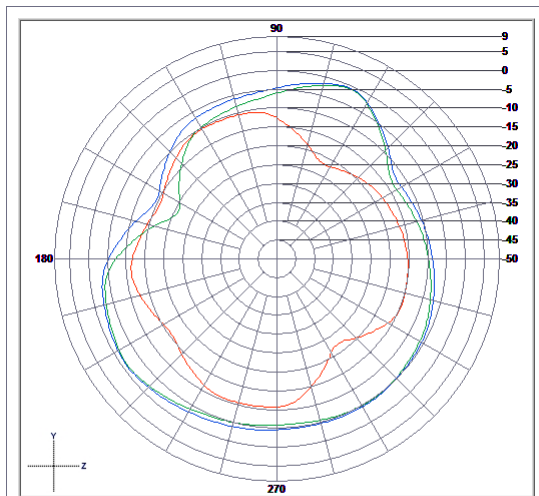


Theta axis test

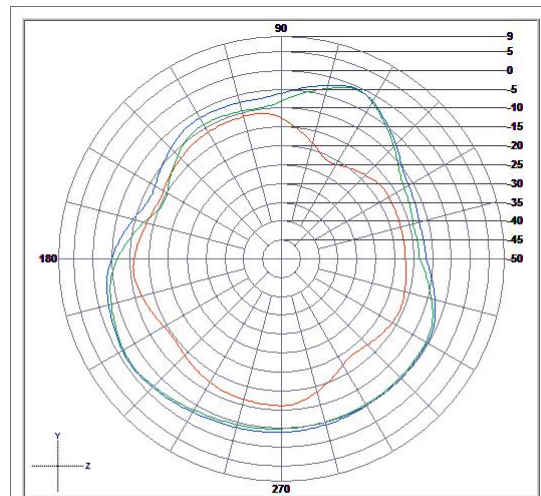
Efficiency & Gain

2.40	-0.01
2.440	0.12
2.48	0.17

Radiation Pattern:



	Vertical	Horizontal	Total
Avg. Gain	-13.14	-5.08	-4.45
Peak Gain	-10.08	-0.03	-0.01



	Vertical	Horizontal	Total
Avg. Gain	-13.34	-5.06	-4.46
Peak Gain	-10.3	0.09	0.12

