

Antenna Specification

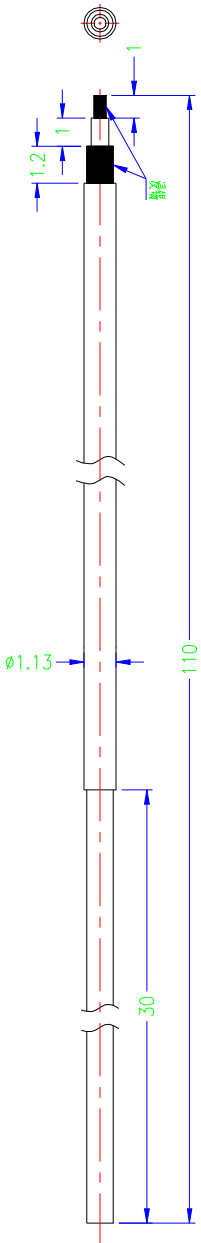
Manufacturer: SHANTOU FENGMA TOYS INDUSTRIAL CO., LTD.

Address of Manufacturer: No.1,Lane1,Road2,Shangjiaoxingyeyuan, Chenghua Street,
Chenghai District, Shantou, Guangdong, China

Product Name: 2.4G antenna 38mm

Part NO. : C113H-11130-110

屏幕	揭杆	载钢嘴	肝		



要求:

- 1、标注公差的对重要尺寸,未标注公差的按 ± 0.15 。

PART TITLE	天线	MATERIAL	---	UNIT IN	mm	SCALE	5:1	SUPPLIER CPM	VER	01
PART NO.	---	DRAWING	秦益	DATE	2014/0603	CHECKING	机瞄	鼎南改	唎棒	---
锚玻璃唇易	---	秦益	天全							

利信辉电子有限公司

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >50%

Impedance 50 Ohm

Polarization Line

Gain 0.17dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

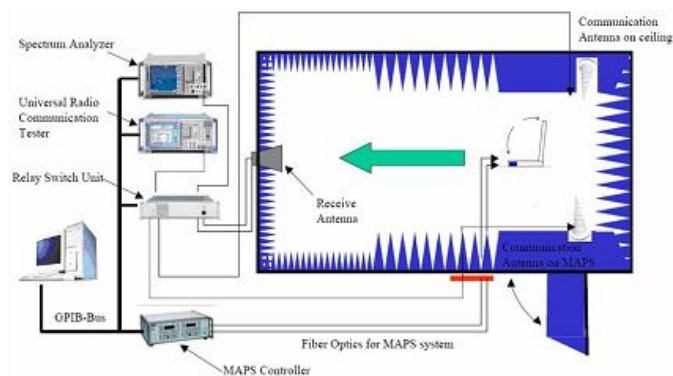
Agilent 8753D 5071B

2. Communications Test Set:

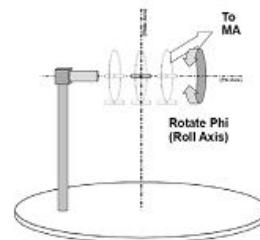
Agilent E5515C

3. 3D Chamber Test System

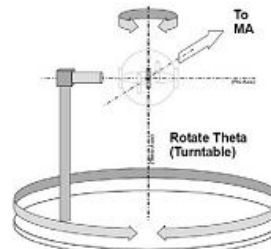
Effiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

Effiency &Gain

2.40 -0.01

2.440 0.12

2.48 0.17

Radiation Pattern:

