

东莞市利信威电子有限公司

Dongguan Lixinwei Electronics Co., LTD

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: Guangdong Meijiaxin Innovative Technology Co., Ltd.

产品名称: _

Product Name: 2.4G Antenna

客户型号:

Product Name: _____

产品料号:

Part NO.: C113H-BT44-27-120R; C113H-BT44-27-158R

制 表:

Write By: 周 敏

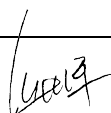
日 期:

Issued Date: 2017-7-31

客 户:

工程R&D Dept	采购Business Dept	承认 Approved By

利 信 威

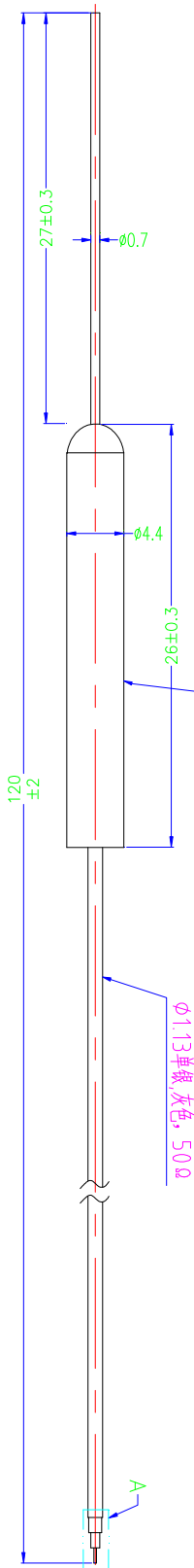
研发R&D Dept	工程 Engineer Dept	审核 Approval
		

Manufacturer: Dongguan Lixinwei Electronics Co., LTD
Address: Room 202, 2nd Floor, Area D, Fuhui Chuangyuan, Dongjiang Road, Helu Village,
Huangjiang Town, Dongguan City

材料	规格	数量	备注
白铜管	黑色热宿管 4.5×30mm		
白铜管	黑色热宿管 4.5×30mm		

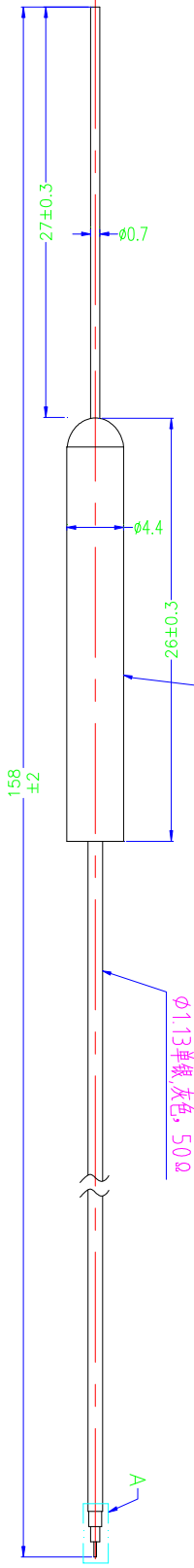
白铜管 (黑色热宿管 4.5×30mm)

C113H-BT44-27-120R



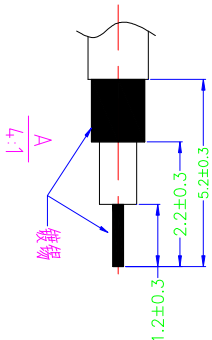
白铜管 (黑色热宿管 4.5×30mm)

C113H-BT44-27-158R



φ1.13单银,灰色,50Ω

规格说明:
1 频率范围: 2.4GHz-2.5GHz;
2 功率增益: 2.0dBi。



TITLE:		2.4G铜管天线		MATERIAL:		FINISH:	
PART NO.:		C113H-BT44-27-120R		第1版		桶酸阳极	
UNIT IN		mm		SCALE:		TOLERANCE	
等分		拆散		2.5:1		量具	
DRAWING		DATE		17-07-30		ANGULAR	
索气		乳		机		X.XX ±0.1°	
						X.XX ±0.2°	
						UNLESS OTHERWISE SPECIFIED	
						REV	
						01	

东莞市利信威电子有限公司

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <2.0

Efficiency >75%

Impedance 50 Ohm

Polarization Line

Gain 2.97dBi MAX

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 黑色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

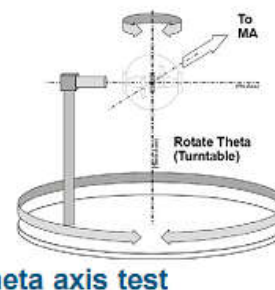
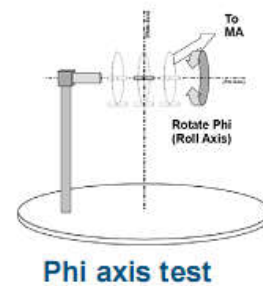
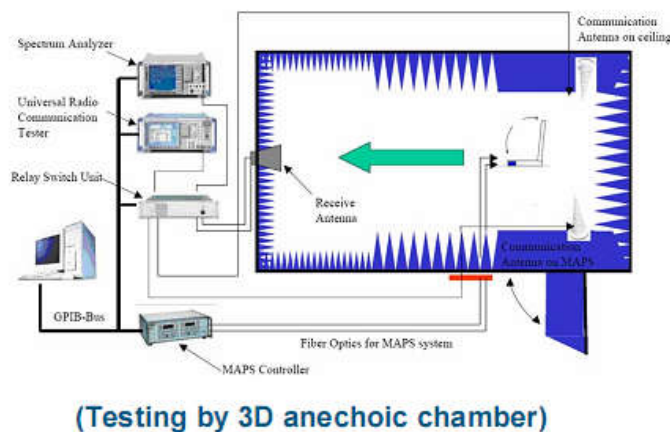
Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System

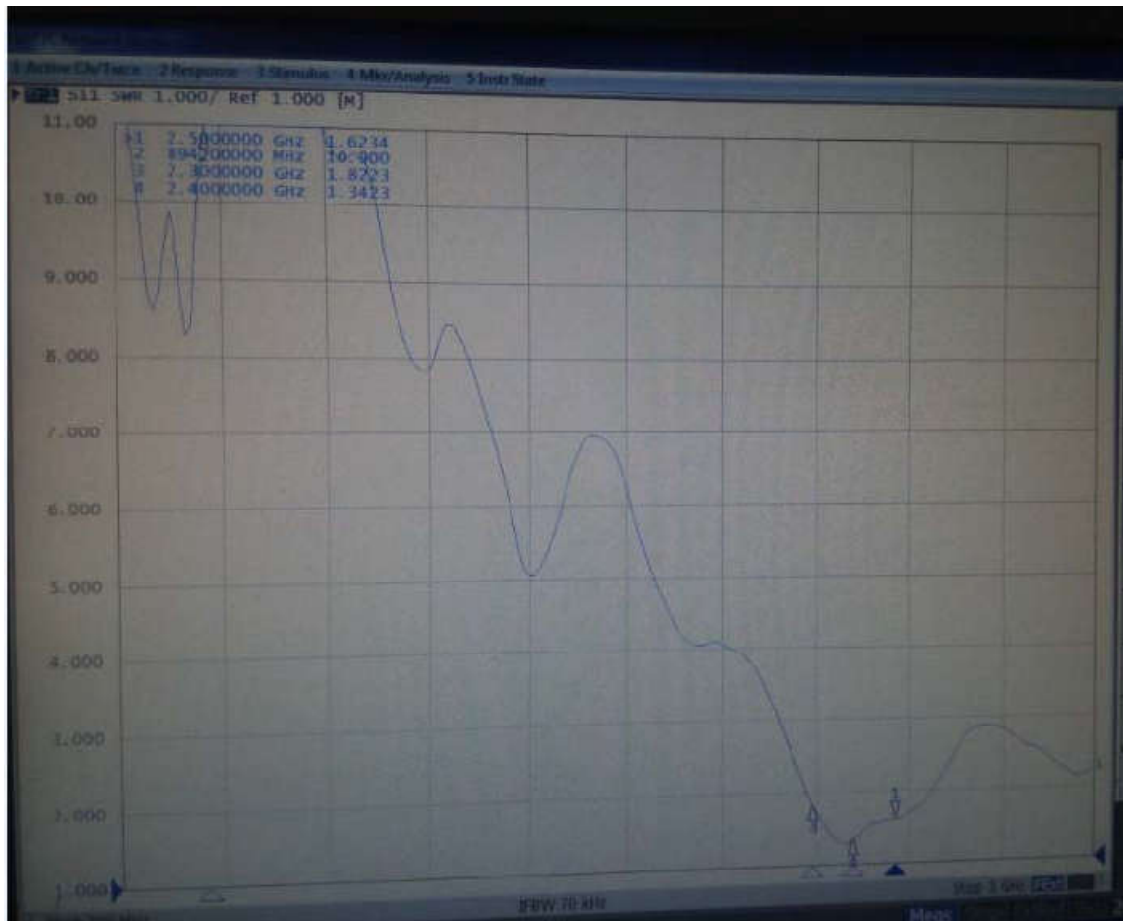
Efficiency & Gain



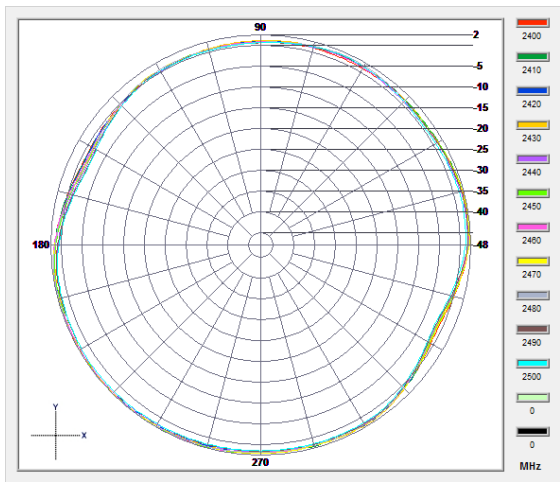
Efficiency & Gain

Freq (MHz)	Effi (%)	Gain (dBi)
2400	76.95	2.4
2410	74.84	2.86
2420	74.68	2.8
2430	72.55	2.97
2440	66.66	2.51
2450	72.06	2.73
2460	71.87	2.86
2470	72.95	2.80
2480	72.43	2.78
2490	68.41	2.72
2500	67.46	2.33

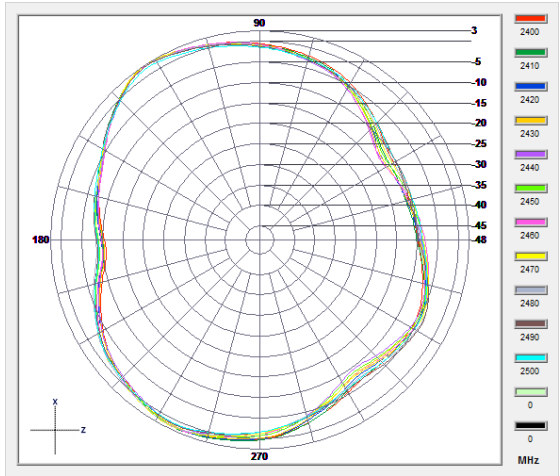
S11



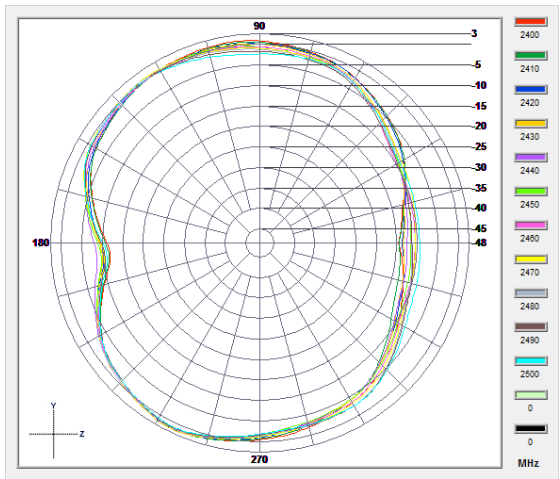
Radiation Pattern:



XY



XZ



YZ

2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500

