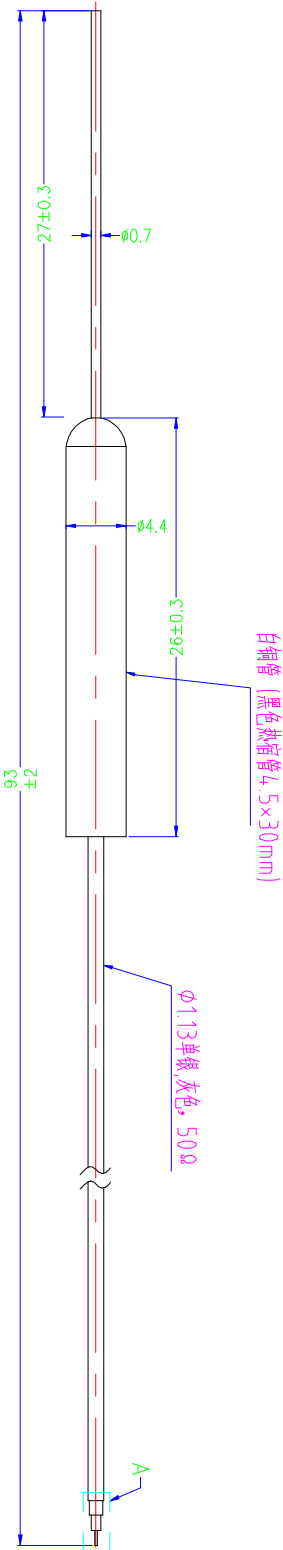
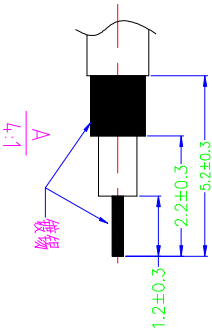


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规格说明:
1. 频率范围: 2.4GHz-2.5GHz;
2. 功率增益: 2.0dBi。



TITLE: 2.4G铜管天线		MATERIAL: 第7期		FINISH: 桶酸阳极	
PARTNO.: 铜管天线		C113F-BT44-27-93		TOLERANCE: 尺寸	
UNIT N: mm		SCALE: 2.5:1		LINEAR 公差	
等身		拆画		30<L<100 ±0.15	
DRAWING 电气		DATE 17-05-05		L>100 ±0.20	
CHECKING 电气		DATE		UNLESS OTHERWISE SPECIFIED	
REV 01		DRAWING 电气		ANGULAR 角度	
REV 01		DRAWING 电气		X.XX ±0.1°	
REV 01		DRAWING 电气		X.XX ±0.2°	

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

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 灰色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

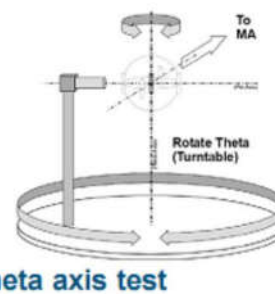
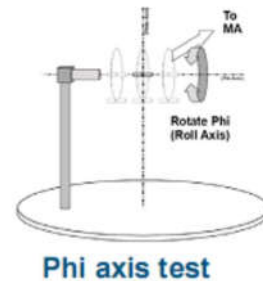
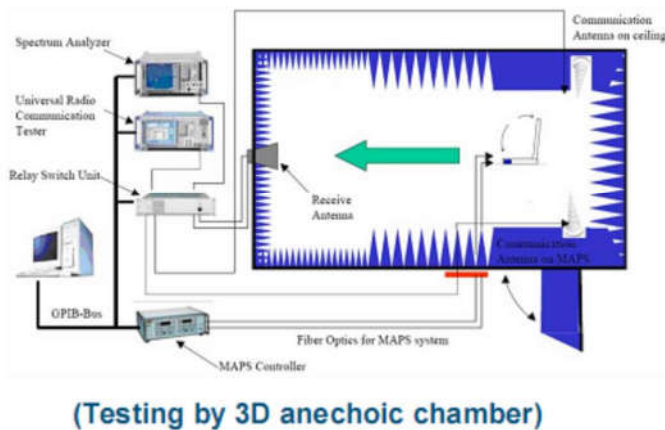
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

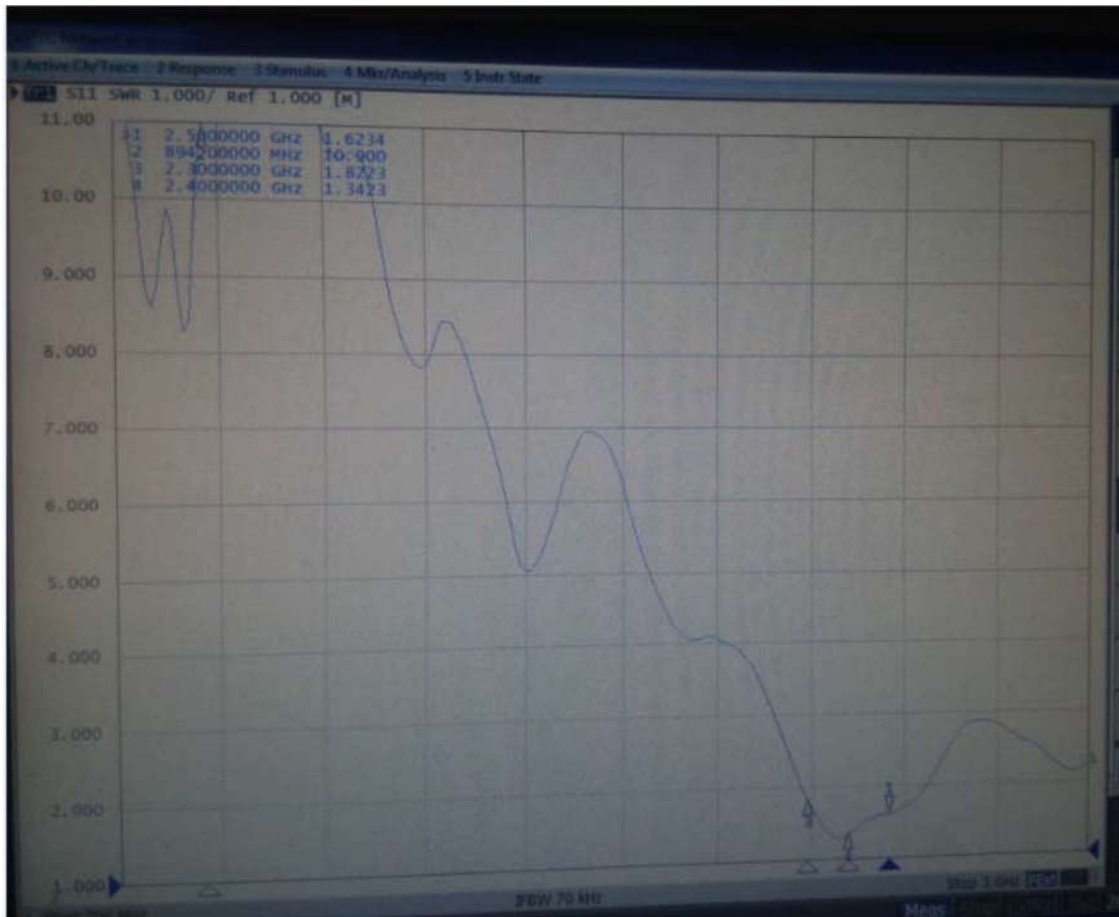
3. 3D Chamber Test System



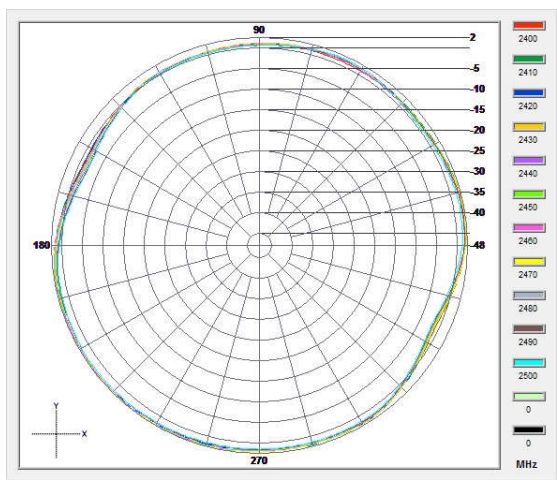
Effiency & Gain

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

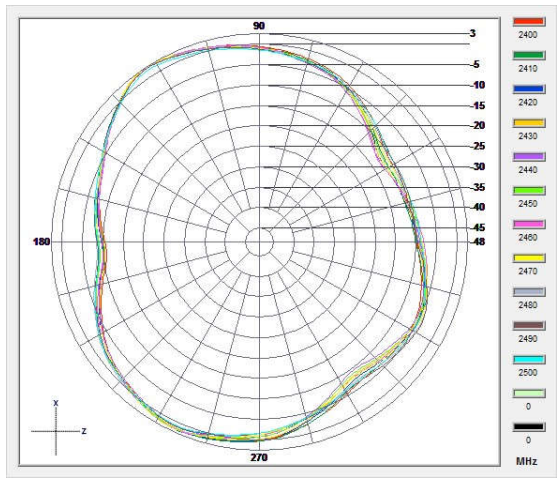
S11



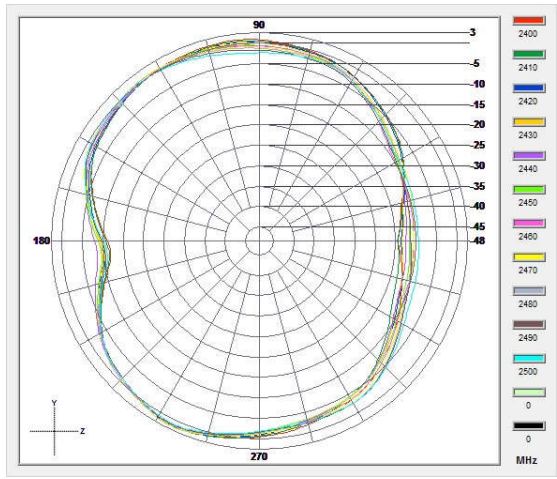
Radiation Pattern:



XY



XZ



YZ

2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500

