

深圳市酷影派科技有限公司

Shenzhen KuYingPai Technology Co.,Ltd

天线规格承认书

Antenna Specification for Approval

客户名称

Customer Name: _____

项目名称:

Product Name: _____

Action Camera SJ4000

产品名称:

Product Name: _____

WIFI Antenna

产品料号:

Part NO.:

SJ4000

制 表:

Write By: _____

韦桂唐

日 期:

Issued Date: _____

2016-11-5

客户 (Customer)

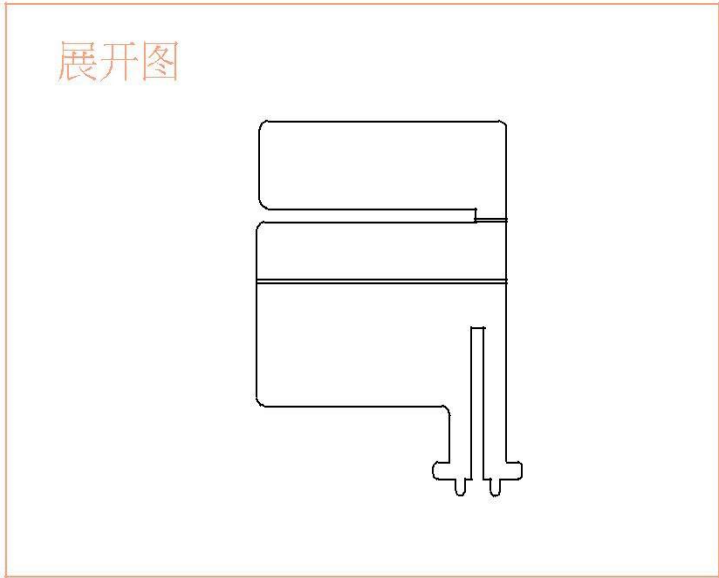
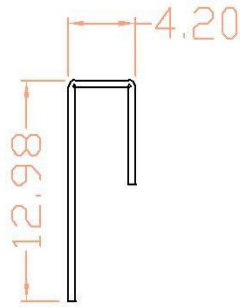
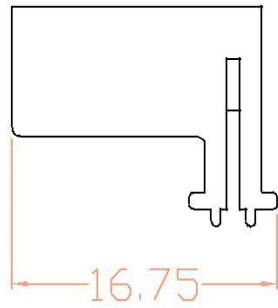
工程 R&D Dept	采购 Business Dept	承认 Approved By

酷影派

研发 R&D Dept	工程 Engineer Dept	审核 Approval

Product Specification

A. Electrical Characteristics	
Frequency	2400 MHz ~2500 MHz
VSWR	<3.0 @ 2400 MHz ~ 2500 MHz
Efficiency	>30%
Impedance	50 Ohm
Polarization	Linear
Gain	1.61dBi
B. Material & Mechanical Characteristics	
Material of Radiator	Cu
Cable Type	
Connector Type	
Dimension	
C. Environmental	
Operation Temperature	- 30 °C ~ + 80 °C
Storage Temperature	- 30 °C ~ + 85 °C



洋白铜 1/2H T=0.4

		Third Angle		Project	SJ4000	Date	
		0~10±0.05		Part Name		Designed by	
		10~18±0.10		Part No.		Checked by	MD
		18~30±0.12		Material		Approved by	RT
		30~40±0.15		DWG No.		Unit	mm
		40~ ±0.20		Location		Scale	1:1
		Angle ±0.5°				Rev	A

Rev	Description	Date	Remark
A	New drawing		

Test Equipment & Conditions

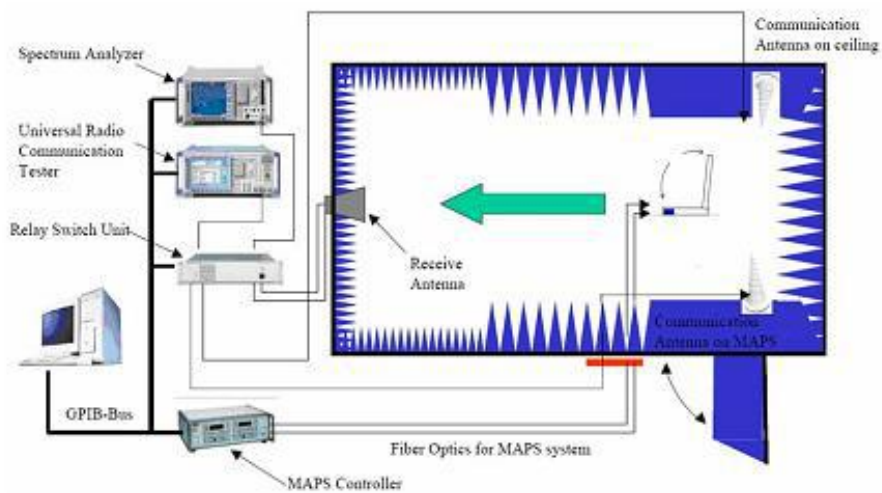
1. Network Analyzers :

Agilent 8753D 5071B

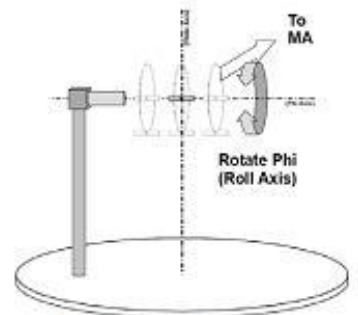
2. Communications Test Set:

Agilent E5515C

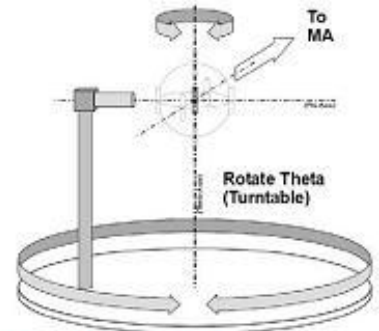
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)

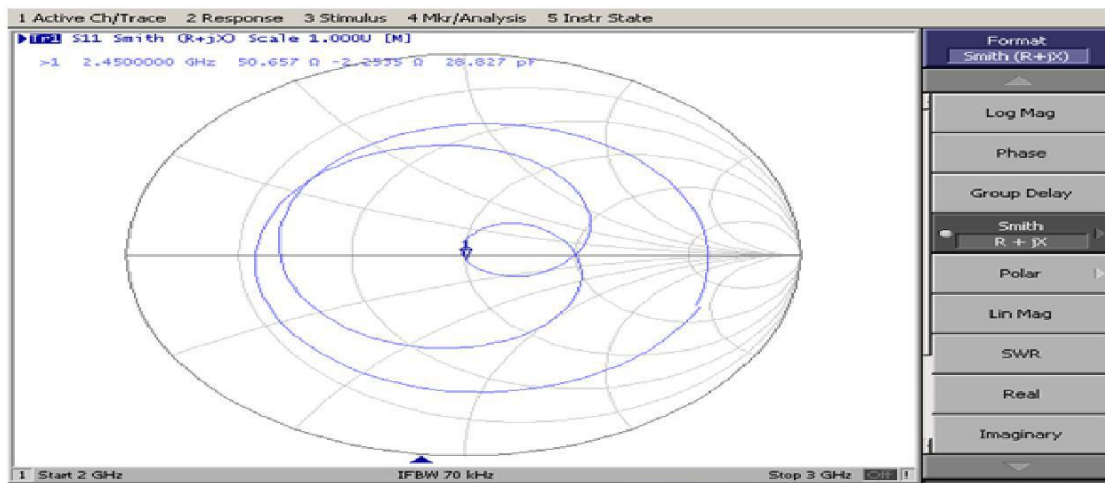
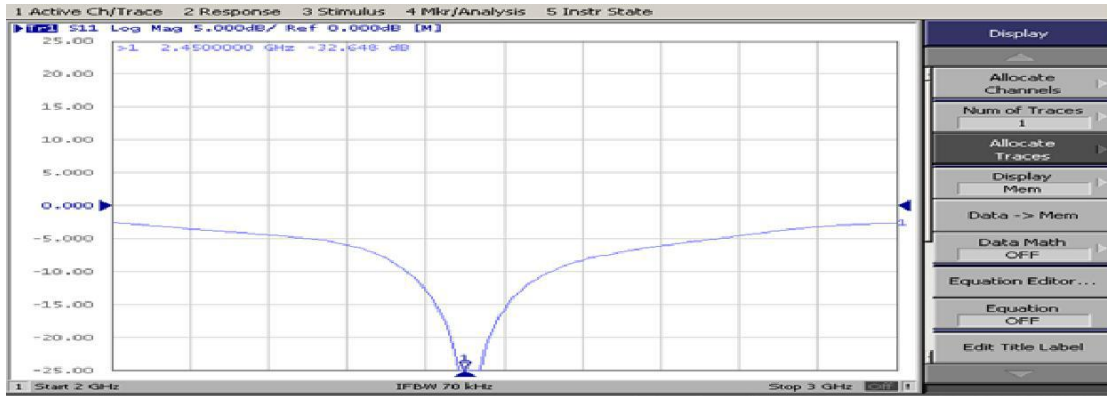


Phi axis test

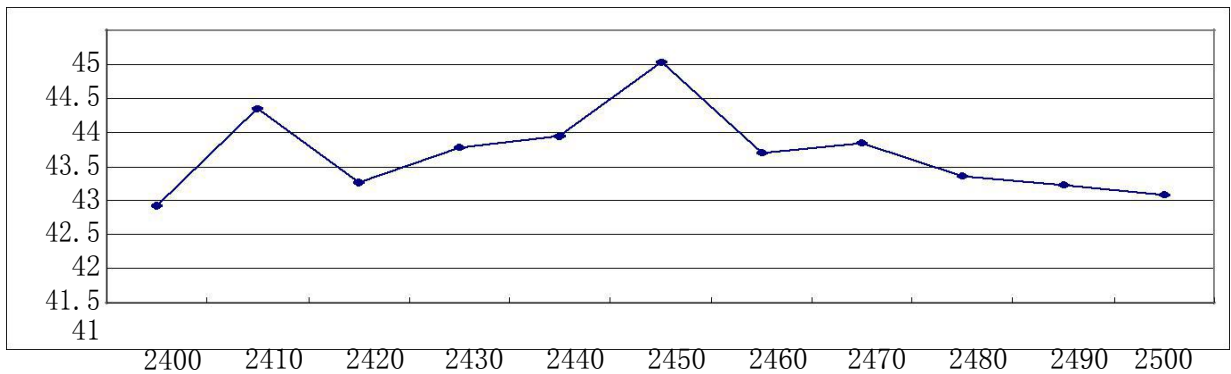


Theta axis test

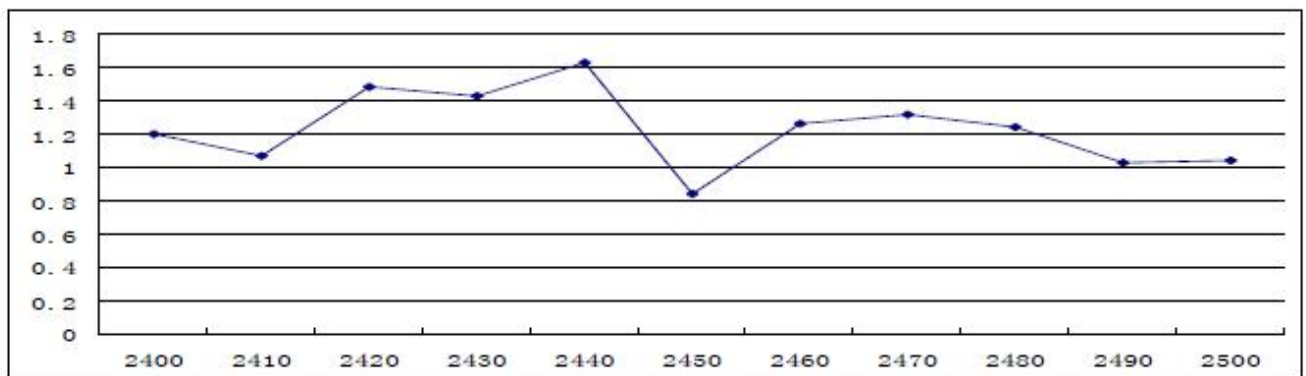
Antenna Impedance: S11 &



Total Efficiency:



Gain:



Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	1.2	1.09	1.48	1.41	1.61	0.82	1.21	1.3	1.206	1.05	1.06

Radiation pattern: Antenna-TX 3D Pattern at $f = 2440\text{MHz}$

