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SPECIFICATIONS FOR APPROVAL

德域创新科技有限公司

Customer Name: _____

Product Name: _____ WIFI 天线

Product Model: _____ Q8-DM

Part Number: _____ N12-0606-R0A

Write By : _____ 陈喜丽

Issued Date: _____ 2012-12-13

CUSTOMER

ENGINEER R&D DEPT	BUSSINESS DEPT	APPROVED BY

SOUTHSTAR

R & D D E P T	ENGINEER R&D DEPT	APPROVAL



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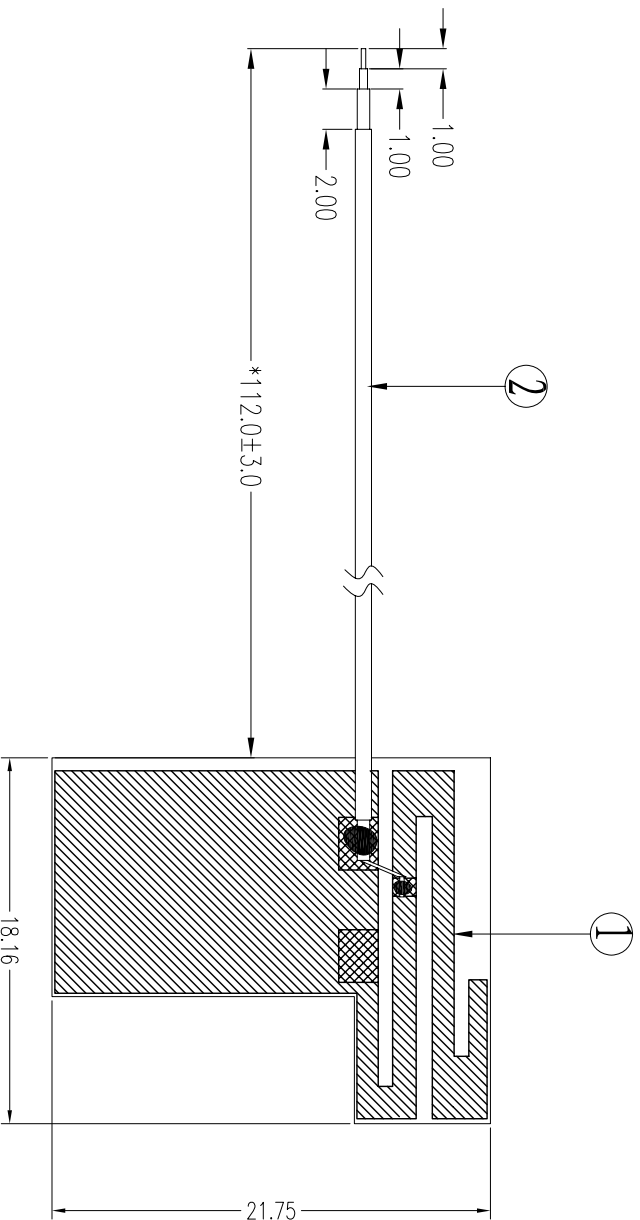
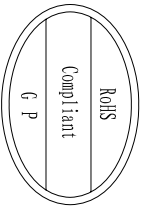
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Product Specification

A. Electrical Characteristics	
Frequency	2400 MHz ~2500 MHz
VSWR	<2 @ 2400 MHz ~ 2500 MHz
Efficiency	>40%
Impedance	50 Ohm
Polarization	Linear
Gain	3DB
B. Material & Mechanical Characteristics	
Material of Radiator	FPC yellow
Cable Type	Ø 1.13mm black
Connector Type	
Dimension	
C. Environmental	
Operation Temperature	- 30 °C ~ + 80 °C
Storage Temperature	- 30 °C ~ + 85 °C



2	同轴线	1.13射频线	黑色		1	
1	WiFi天线	FPC	黄色		1	

★
Sun Star
深圳南斗星科技有限公司
SHEN ZHEN SOUTHSTAR CO., LTD

Third Angle		Project	Q8-DM	Date	
0~10	±0.2	Part Name	WiFi天线	Designed by	
10~18	±0.5	Part No.	N12-0606-R0A	MD	
18~30	±0.8	Material	N/A	Checked by	
30~40	±1.0			RF	
40~	±2.0	Angle	±0.5°	Approved by	
Location	N/A	dwg No.	N12-0606-R0A	Unit	mm
				Scale	1:1
				Rev	A

Rev	Description	Date	Remark	5	6	7	8
1	New drawing						
2							
3							
4							



Test Equipment & Conditions

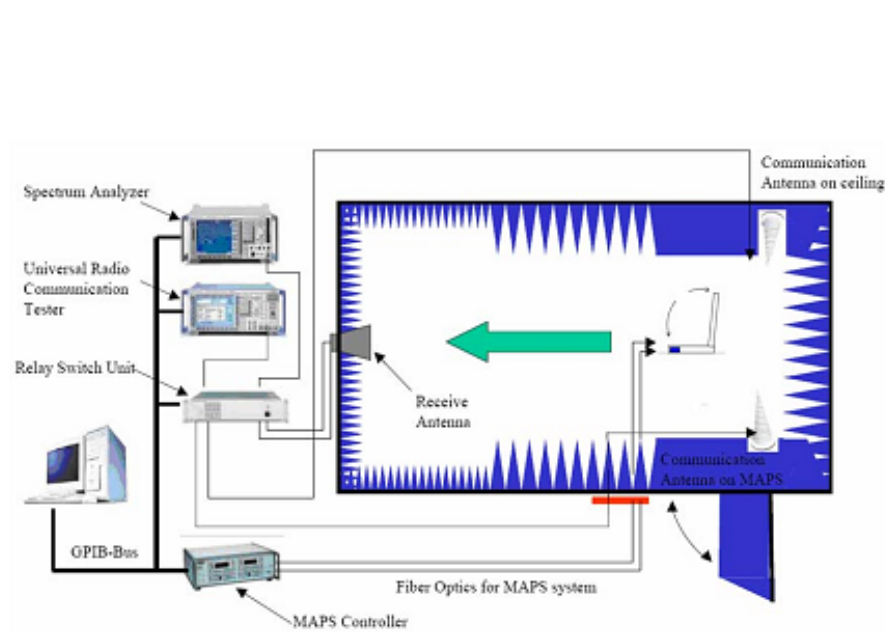
1. Network Analyzers :

Agilent 8753D 5071B

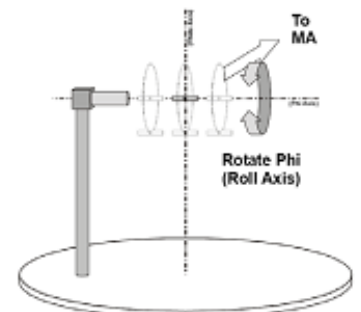
2. Communications Test Set:

Agilent E5515C

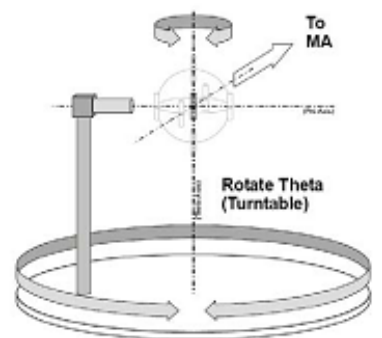
3. 3D Chamber Test System



(Testing by 3D anechoic chamber)



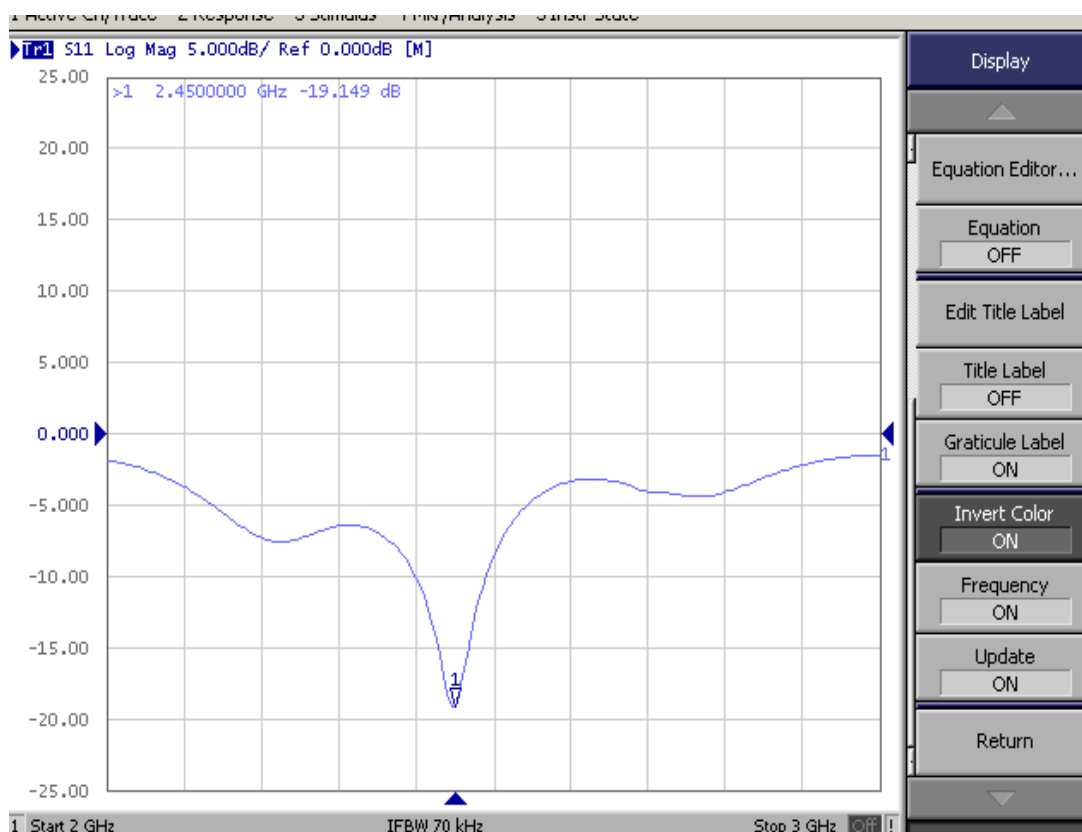
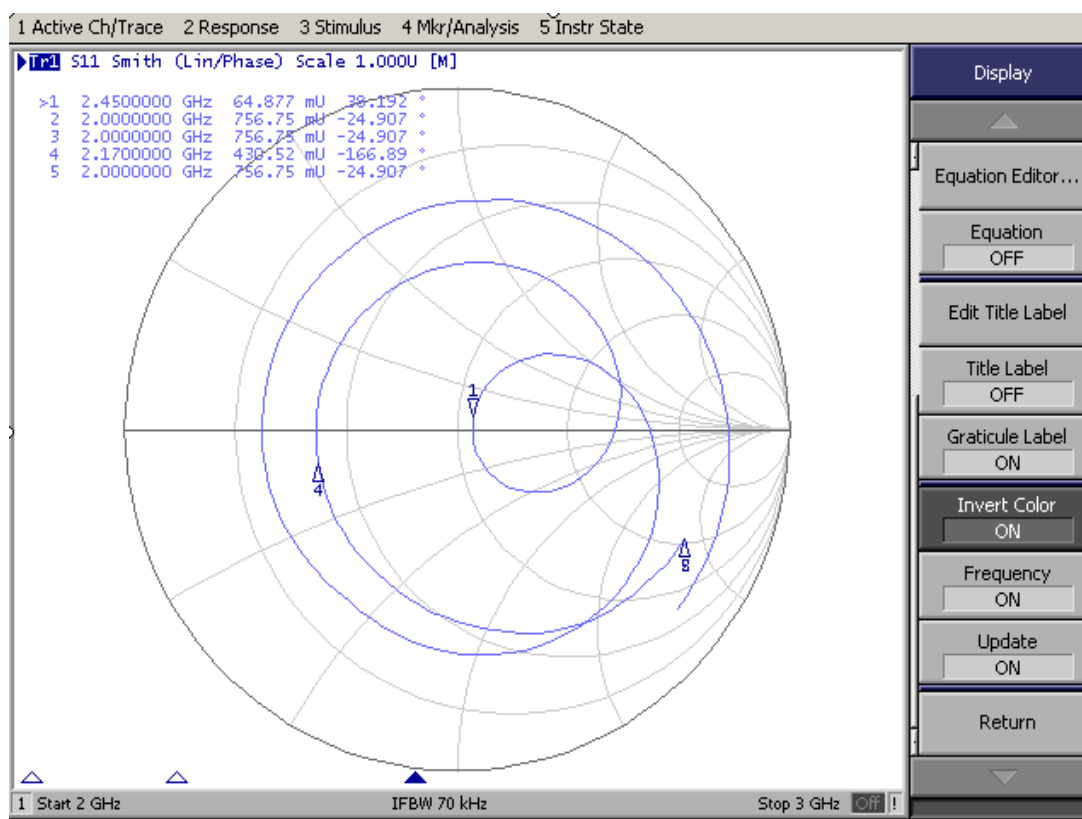
Phi axis test



Theta axis test

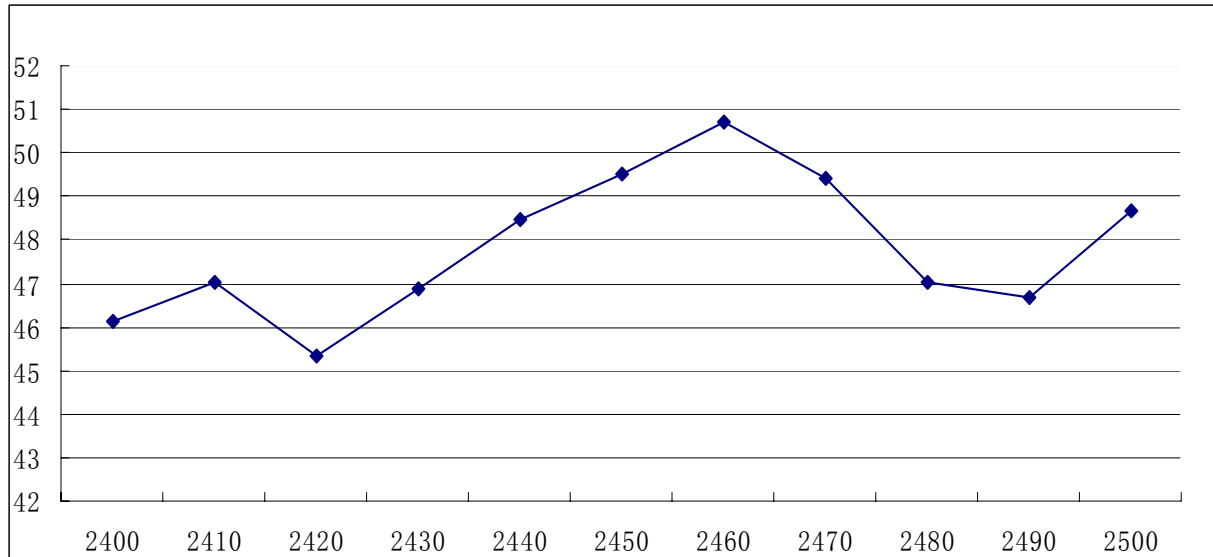


Antenna Impedance: S11 & Smith

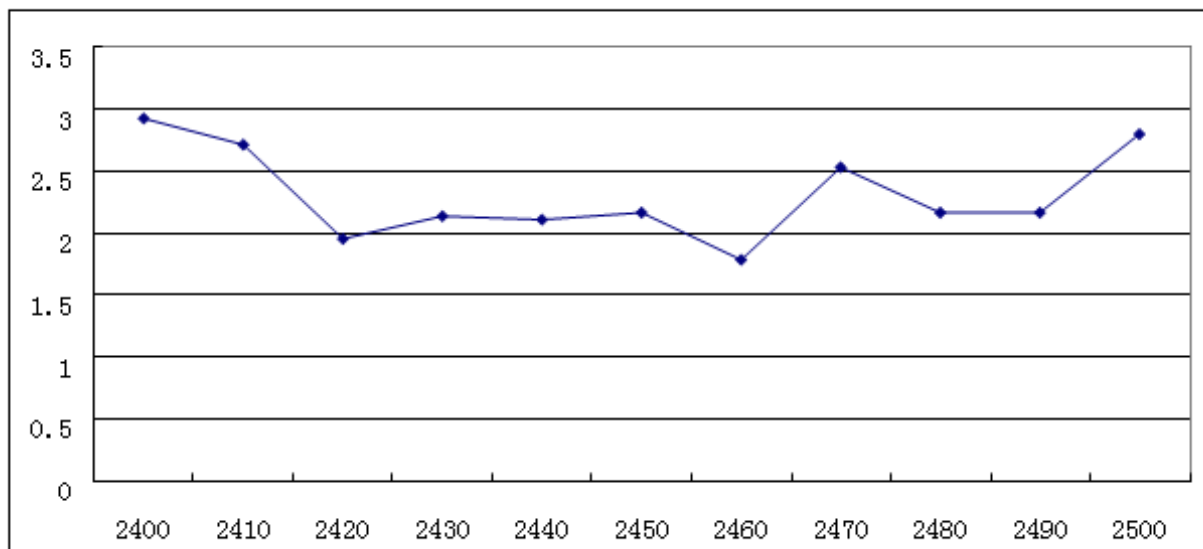




Total Efficiency:



GAIN:





Radiation Pattern:

