

天线样品承认书

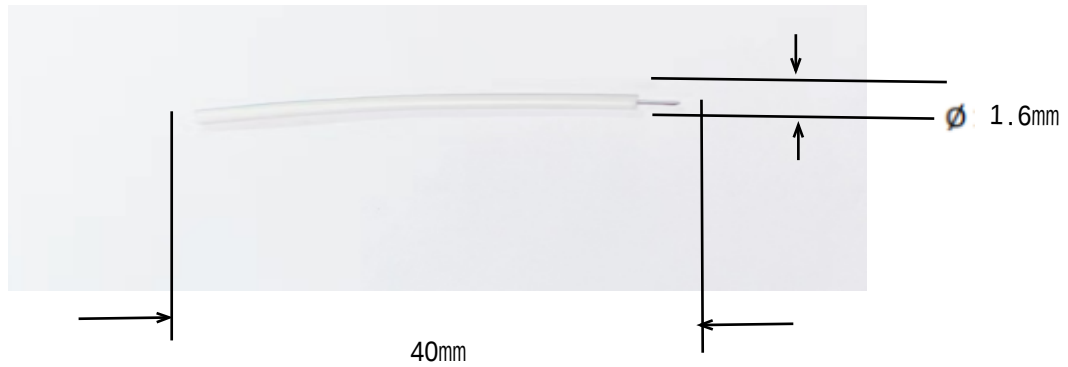
The Main Antenna Sample Confirmation

客户 Customer	GUANGDONG HENGGUAN TECHNOLOGY INDUSTRIAL CO.,LTD FLOOR 4, BUILDING 1, JIADA BUILDING, FENGXIN INDUSTRIAL ZONE, CHENGHAI SHANTOU China		
项目名称 Project Name	ANT		
物料编号 Project No.	2. 4G ANT	备注 Notes	
频段 Frequency Range	2. 4G (2400MHz-2500MHz)		
设计 Designed By	RF Engineer	Structural Enginerr	
审核 Checked By	Engineering Manager		
客户确认 <i>Client's Approval</i>			

设计单位：

地址：中国 · 广东澄海

Antenna type:



Product Specification

A. Electrical Characteristics

B. Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.17DBi

C. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P 白色

Connector Type : NO

Dimension

D. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

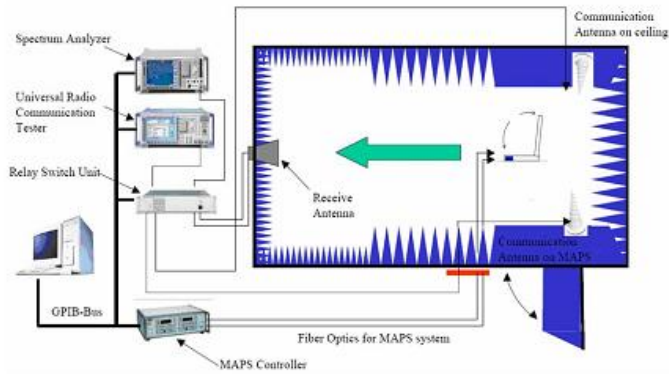
1. Network Analyzers :

Agilent 8753D 5071B

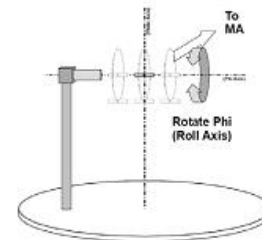
2. Communications Test Set:

Agilent E5515C

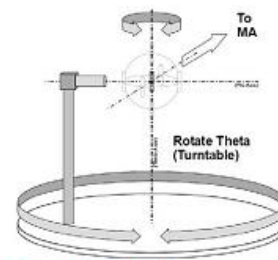
3. 3D Chamber Test System Efficiency & Gain



(Testing by 3D anechoic chamber)

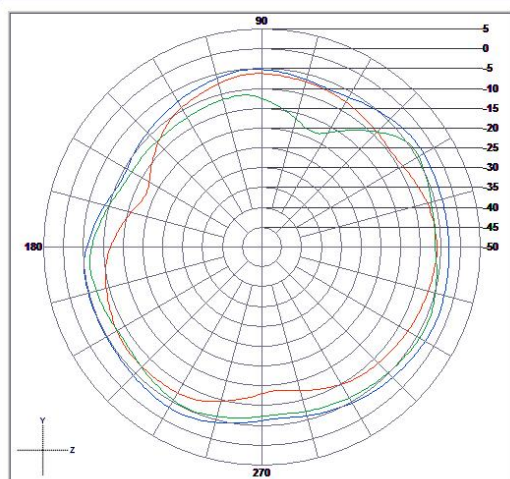


Phi axis test

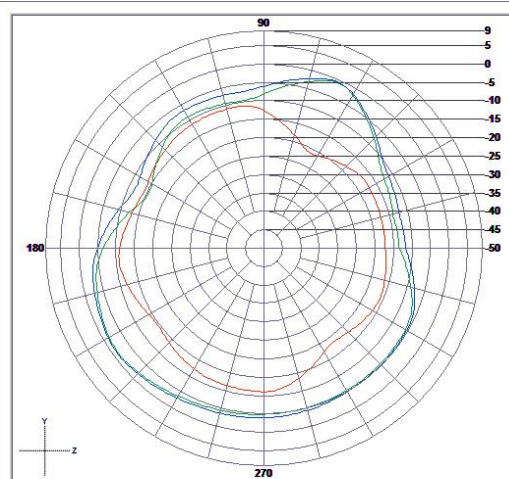


Theta axis test

Radiation Pattern:



	Vertical	Horizontal	Total
Avg. Gain	-8.4	-6.99	-4.63
Peak Gain	-5.48	-3.77	-2.17



	Vertical	Horizontal	Total
Avg. Gain	-13.34	-5.06	-4.46
Peak Gain	-10.3	0.09	0.12

