

天线规格承认书

Antenna Specification for Approval

Name: Shantou jiangyu Intelligent Technology Co, Ltd

Address of Applicant: 7F, Tongrui Business Building, Tai'an
Road, Chenghua Street, Chenghai District, Shantou, Guangdong,
China

产品名称：

Product Name: Integral antenna

客户型号:

Product Name:

产品料号：

Part No. : C10-35-2.5

制 表：

Write By: 周敏

日期：

Issued Date: 2019-3-20

工程R&D Dept	采购Business Dept	承认 Approved By
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研发R&D Dept	工程 Engineer Dept	审核 Approval

unit: mm



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain: 0.17dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

1. Network Analyzers :

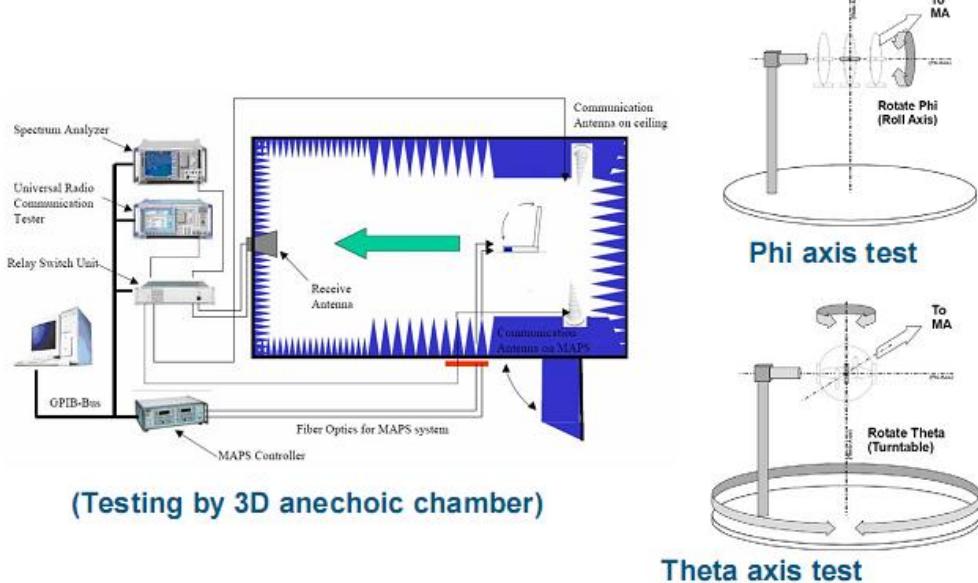
Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

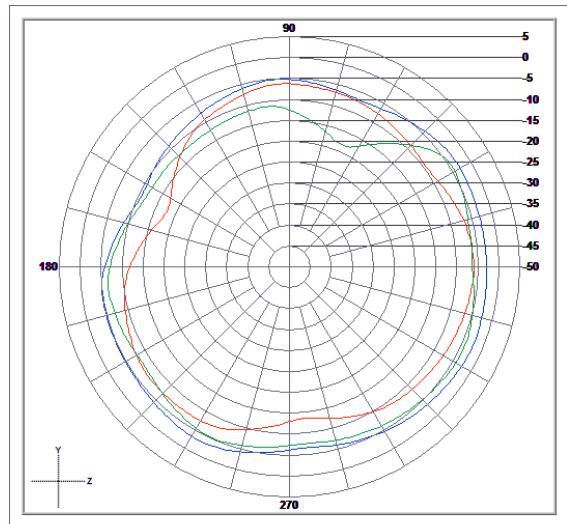
3. 3D Chamber Test System

Efficiency & Gain

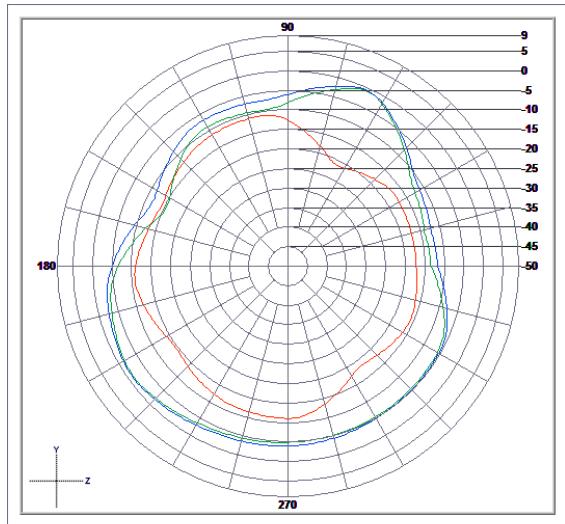


Efficiency & Gain

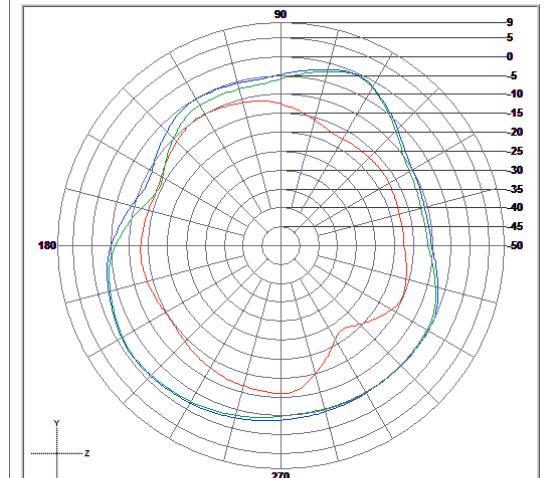
Radiation Pattern:



	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



	Vertical	Horizontal	Total
Avg. Gain	-13.42	-4.6	-4.06
Peak Gain	-9.47	0.1	0.17

