

PRODUCT SPECIFICATION

Manufacturer: Hongtian Electronic Processing Factory

Manufacturer Address: No.24.25, industrial Avenue, Huai nan Village, Lianxia,
Town, Chenghai District, Shantou City

1. PRODUCT TECHNICAL 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 transparent

Connector Type : NO

C. Environmental

Operation Temperature - 30°C ~ + 80°C

Storage Temperature - 30°C ~ + 85°C

2. PRODUCT PICTURE



3. Test Equipment & Conditions

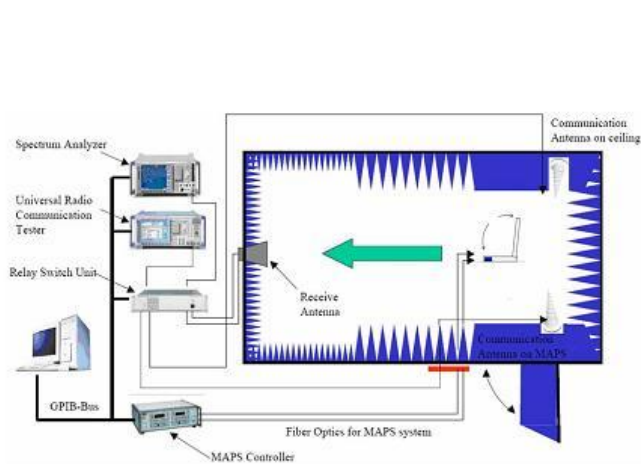
1. Network Analyzers:

Agilent 8753D 5071B

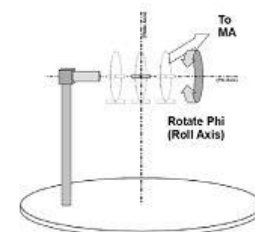
2. Communications Test Set:

Agilent E5515C

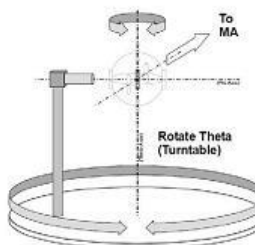
4. 3D Chamber Test SystemEffiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

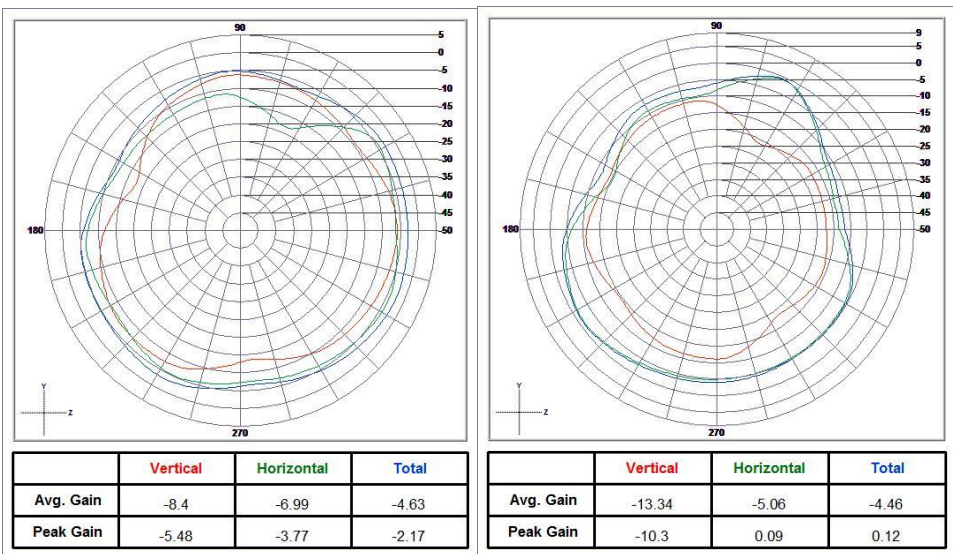
5. Effiency &Gain

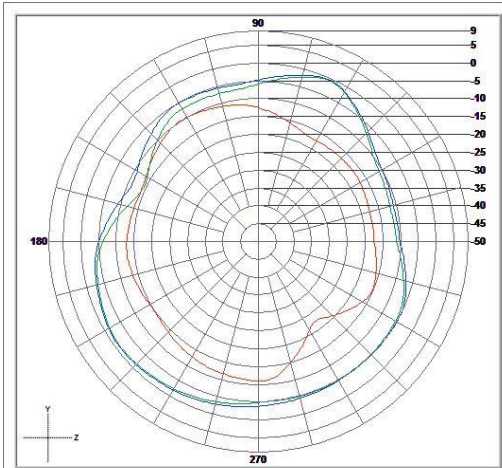
2.40 -2.17

2.440 0.12

2.48 0.17

5.Radiation Pattern:





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

