

Antenna Specification

Manufacturer: Shantou Seven Five Seven Cartoon Toys Co., Ltd.

Address: Fengxin Industrial District, ChenghaiShantou, Guangdong, 515 800China

Product Specification



A. Electrical Characteristics

Frequency 2410MHz ~2573MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.2DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.4 RED

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

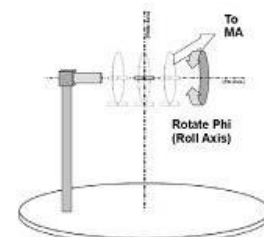
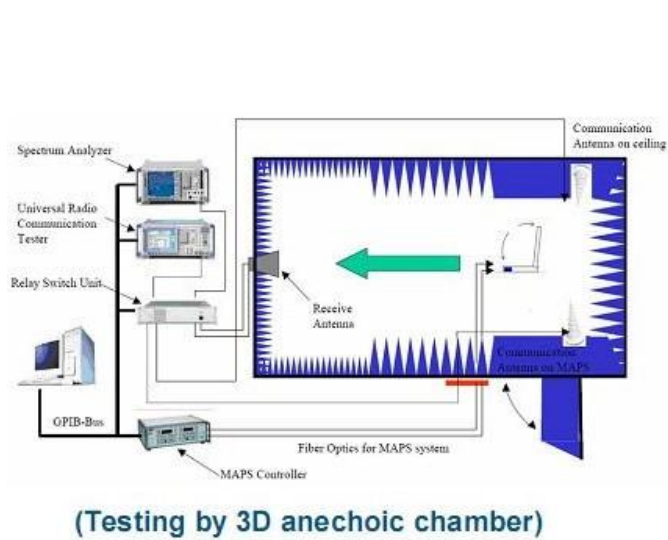
1. Network Analyzers :

Agilent 8753D 5071B

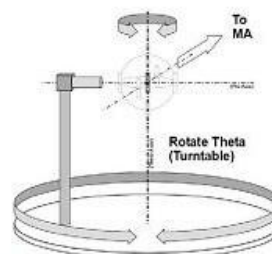
2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System



Phi axis test

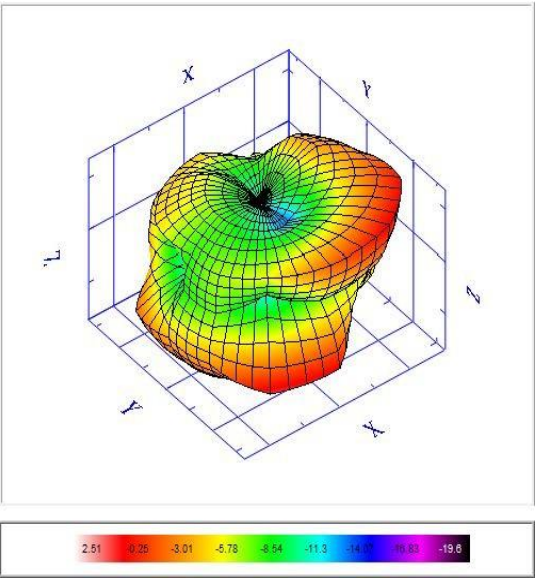
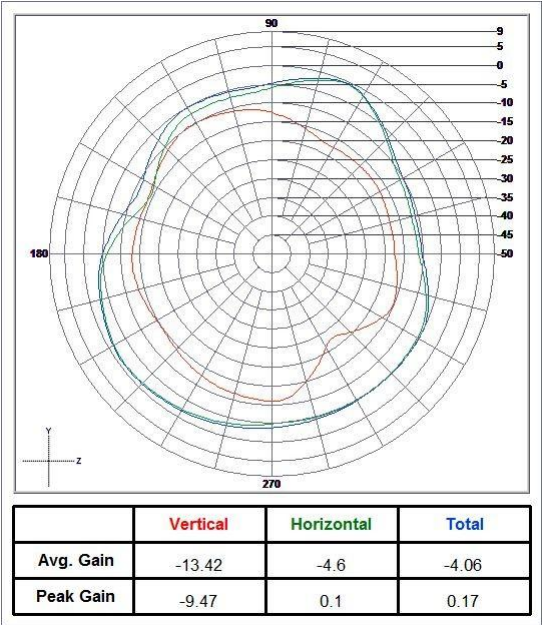
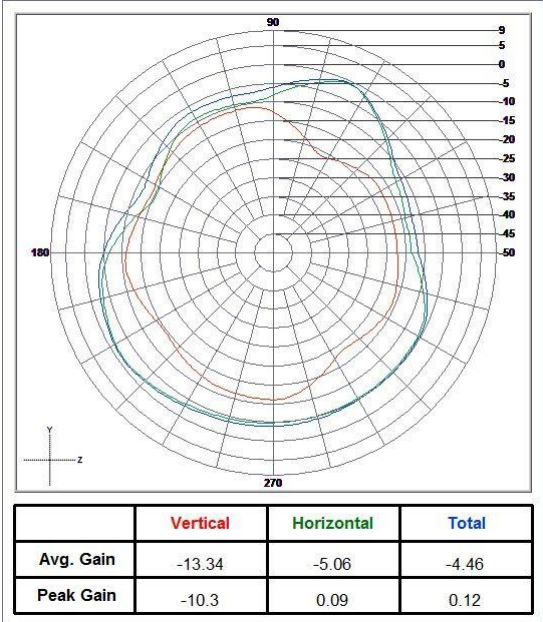
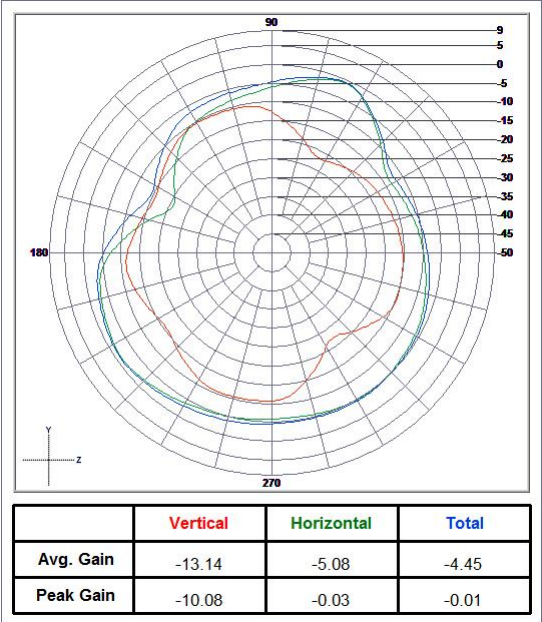


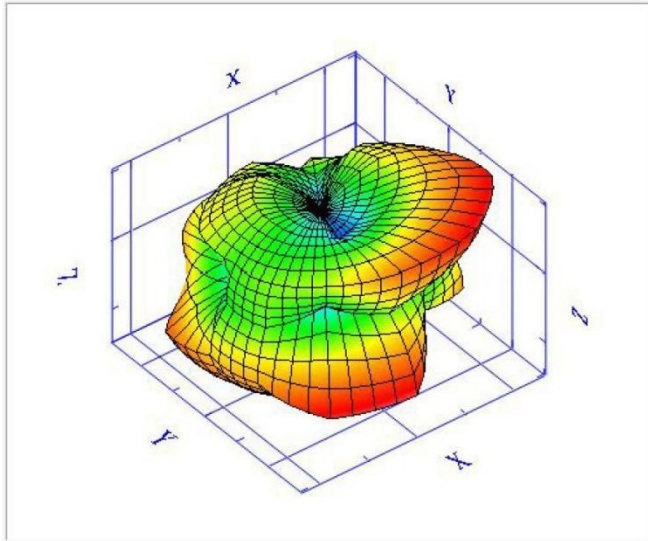
Theta axis test

Effiency &Gain

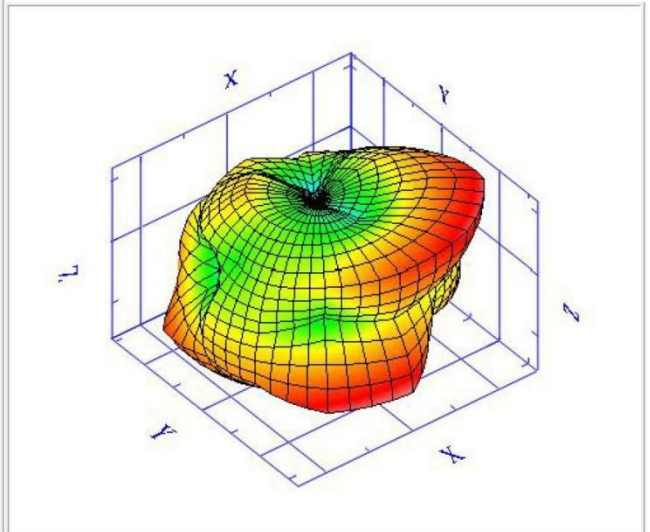
2.40	-0.01
2.440	0.2
2.48	0.17

Radiation Pattern:





2.12 -0.3 -2.73 -5.16 -7.58 -10.01 -12.44 -14.86 -17.29



1.98 -0.58 -3.14 -5.7 -8.25 -10.81 -13.37 -15.93 -18.49