

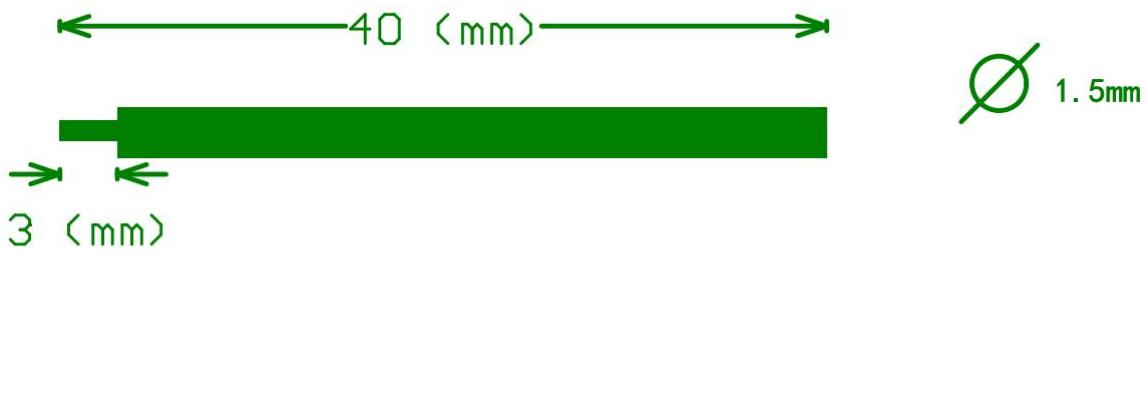
Antenna Specification for Approval

Product Name: 2.4G Antenna Length:40mm, white

Part NO. : 17core*0.12*1.5PVC

Manufacturer: Shantou Chenghai Youlong Toy Industrial Co; Ltd

Address of Manufacturer: 4th floor, Building 4, (In front of the factory)
Xinning Craft Toy factory, Fengxiang Road,
Chenghai District, Shantou City, Guangdong,
China



Product Specification

A. Electrical Characteristics

Frequency 2407MHz ~2477MHz

VSWR <1.0

Efficiency >20%

Impedance 50 Ohm

Polarization Line

Gain 0.17dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1: 4cm white

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

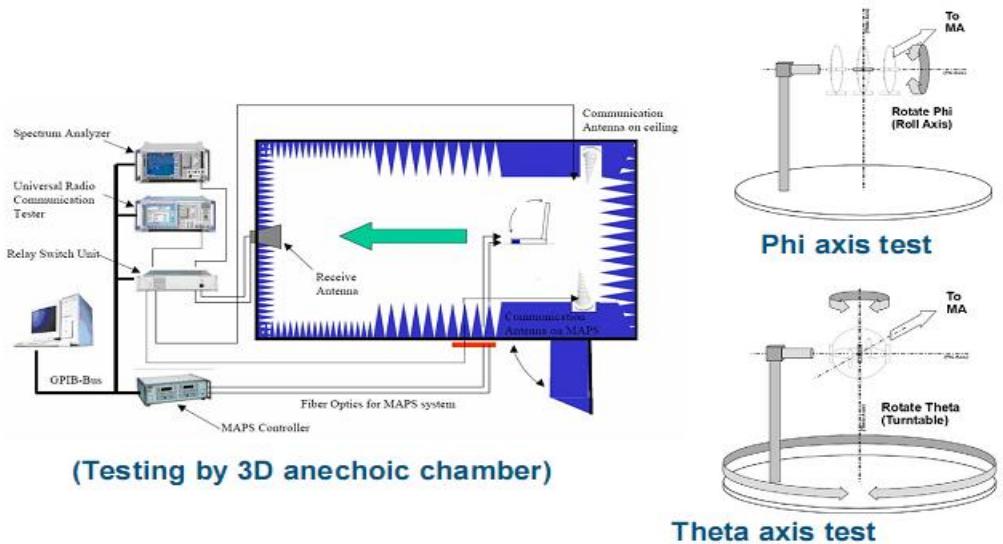
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

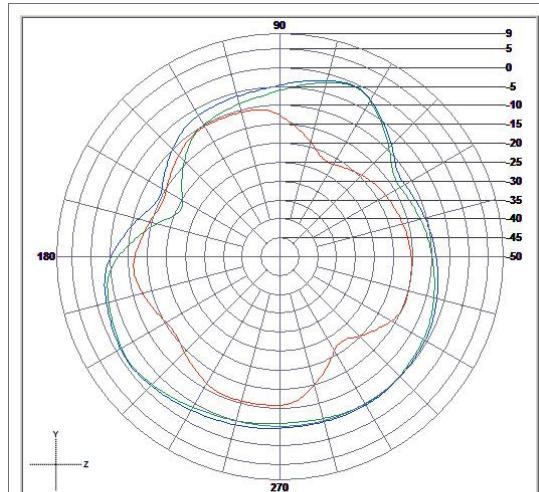
3. 3D Chamber Test System



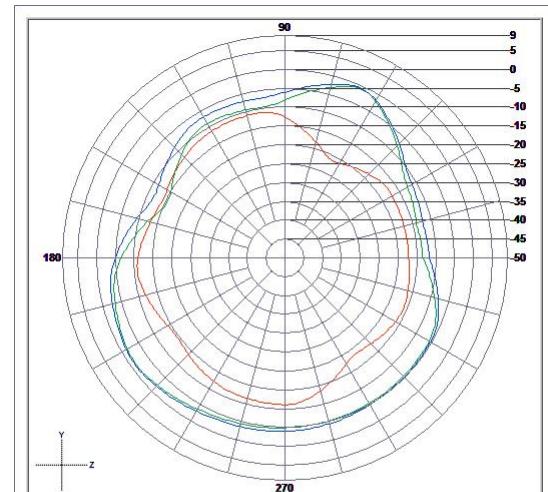
Efficiency & Gain

2.407	-0.01 DBi
2.447	0.12 DBi
2.477	0.17 DBi

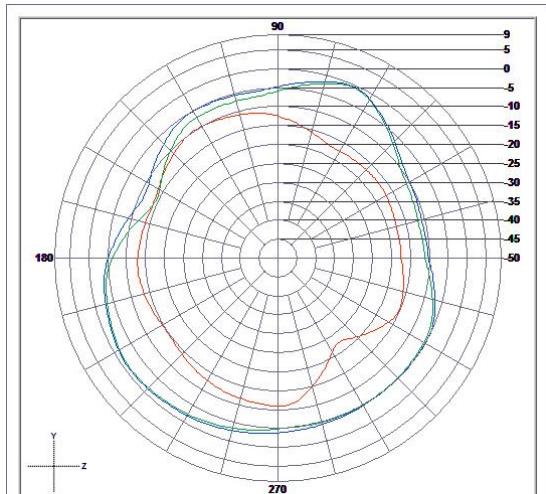
Radiation Pattern:



	Vertical	Horizontal	Total
Avg. Gain	-13.14	-5.08	-4.45
Peak Gain	-10.08	-0.03	-0.01



	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

