

Antenna Specification

Manufacturer: Shantou ChenghaiLihuang PlasticToys Co., Limited

Address: Huaiheyuan Industrial Zone, Huaidong village, Chenghai dist, shantou, Guangdong
Lianxia, Chenghai District, Shantou City, Guangdong prov., China

Product Specification



A. Electrical Characteristics

Frequency 2415MHz ~2470MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.17dBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.25 12P 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 :

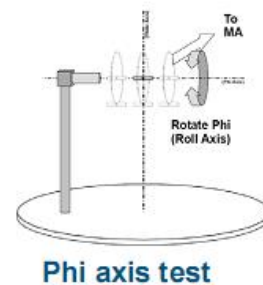
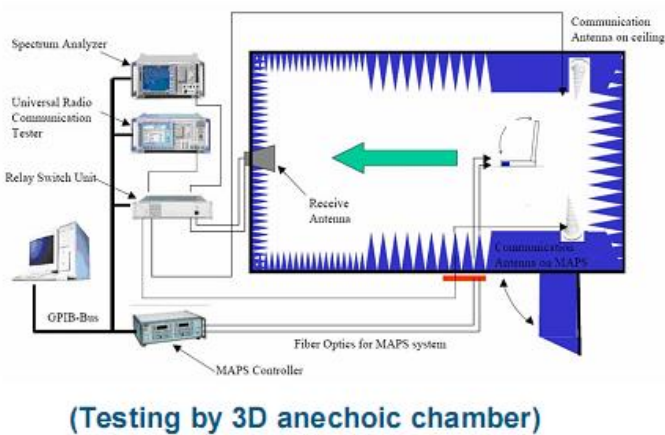
Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

3. 3D Chamber Test System

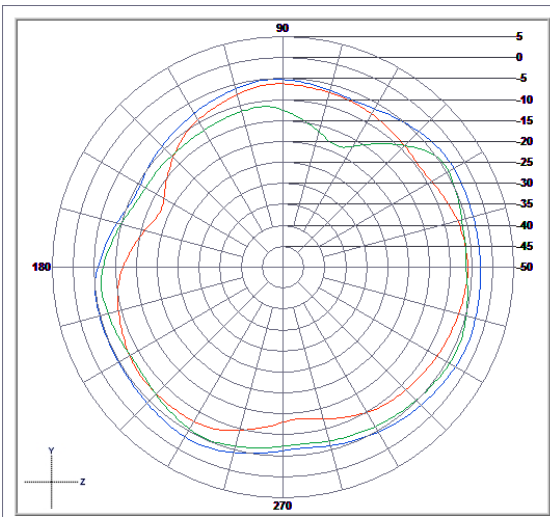
Efficiency & Gain



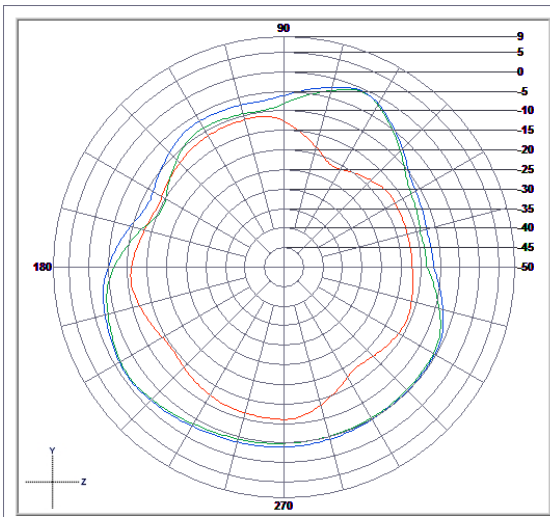
Efficiency & Gain

2.40	-2.17
2.440	0.12
2.48	0.17

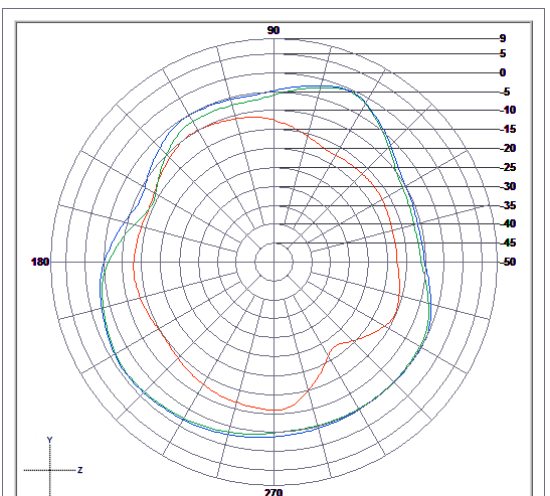
Radiation Pattern:



	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

