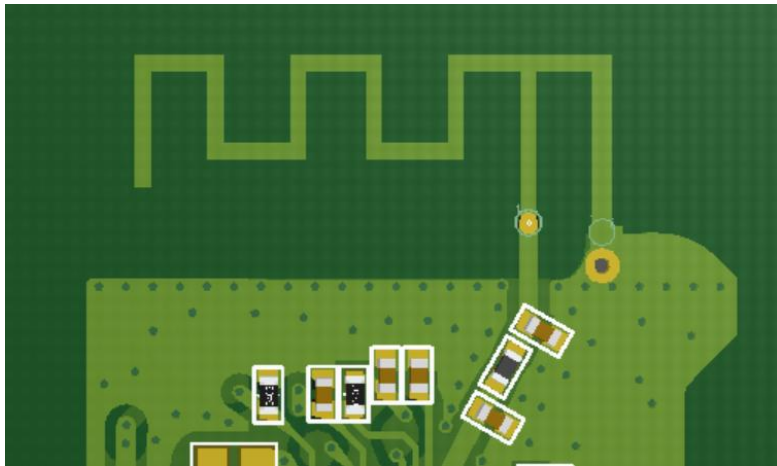


Antenna OTA Test Report

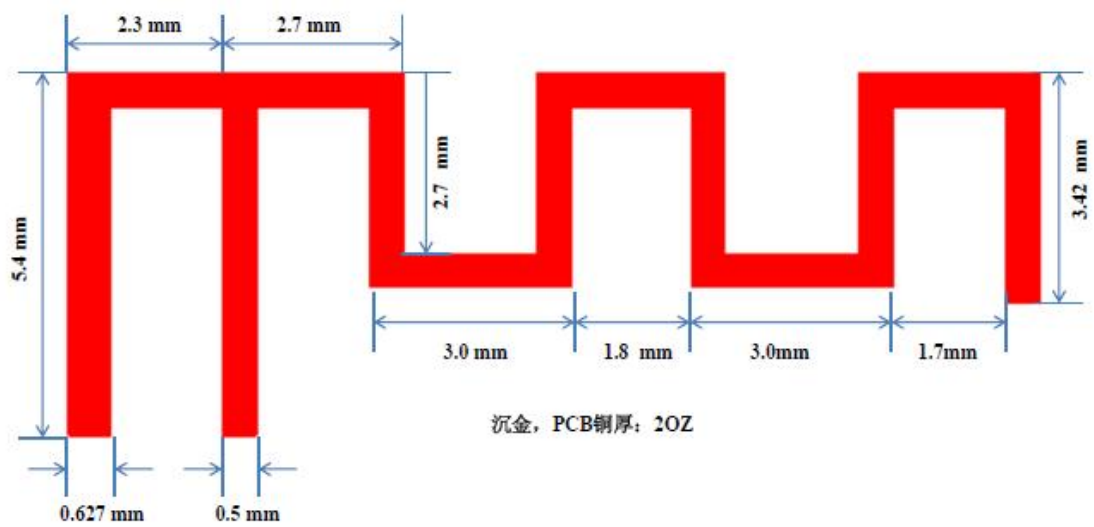
For

SENSOR-ANT-A

Customer	Shenzhen four bo smart link technology Co., LTD	Demo	SENSOR-TH
Band	2.4G	Color	Green
Antenna Type	PCB Antenna	Version	V1.0
Issued by	Jason	Checked by	Mem
Confirmed by	Zhang	TEL	13728181324
Manufacturer	Dongguan Percsson Communication Equipment Co., Ltd		
Address	Room 502, Building 1, 358 Daxing Road, Yangwu, Dalingshan Town, Dongguan City, Guangdong Province		



SENSOR-TH WiFi Product



Antenna Dimension for SENSOR-TH

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 :

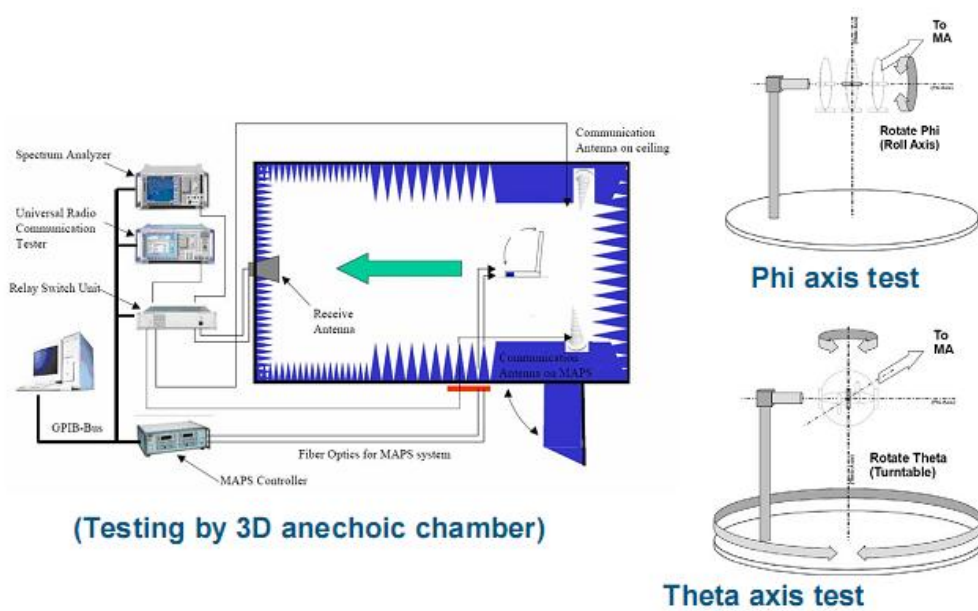
Agilent 8753D 5071B

2. Communications Test Set:

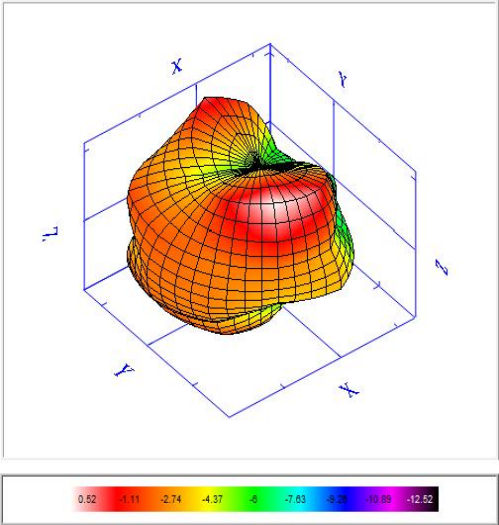
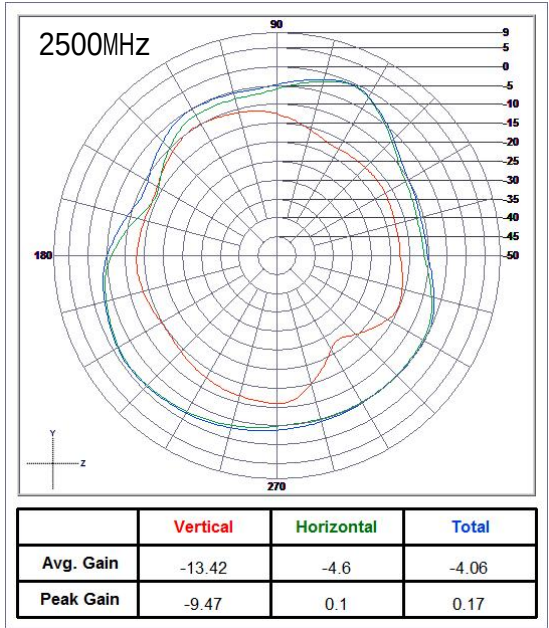
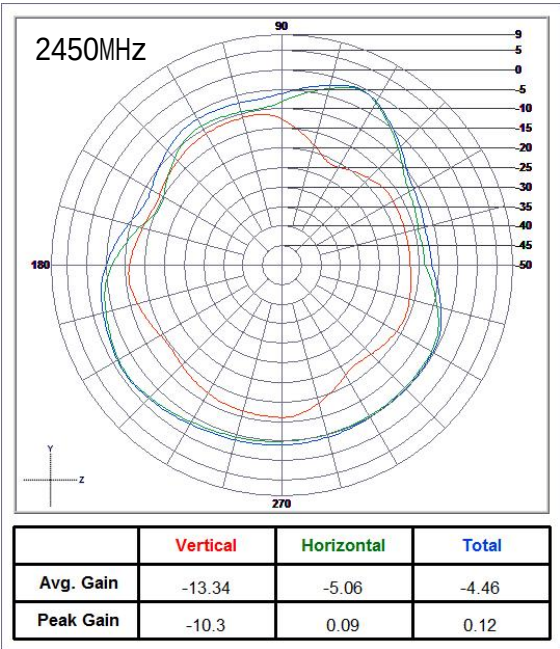
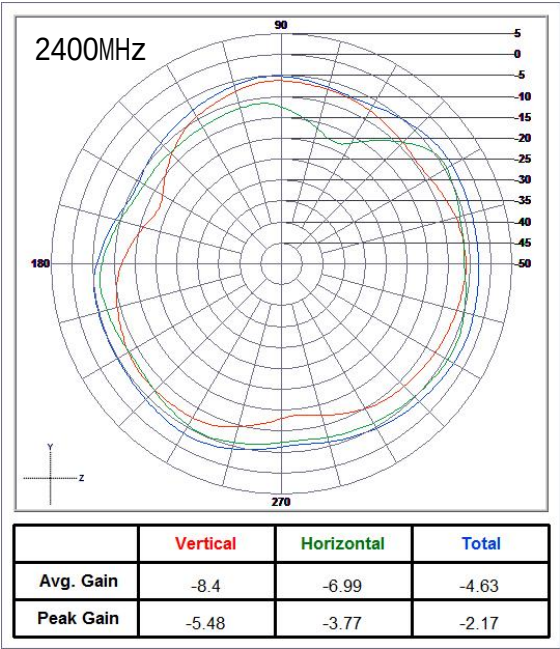
Agilent E5515C

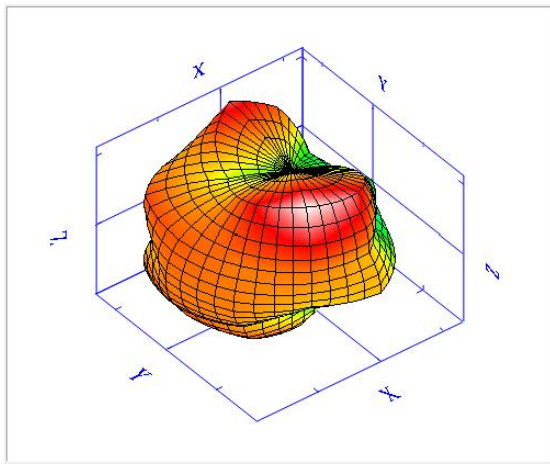
3. 3D Chamber Test System

Efficiency & Gain

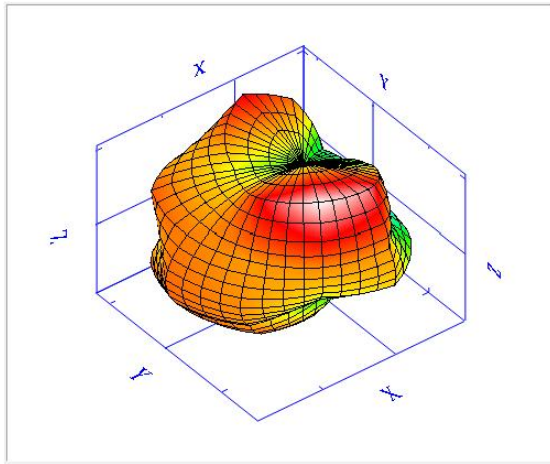


Radiation Pattern:





0.52 -1.11 -2.74 -4.37 -6 -7.63 -9.26 -10.89 -12.52



0.66 -0.9 -2.45 -4.01 -5.57 -7.12 -8.68 -10.24 -11.79