



深圳市南斗星科技有限公司  
SHENZHEN SOUTH STAR TECHNOLOGY CO.,LTD

## Antenna specification

Manufacturer: SHENZHEN SOUTH STAR TECHNOLOGY CO.,LTD

Product Model: 2.4G WIFI Ant0

Frequency range: 2400-2500MHz

## Test Equipment & Conditions

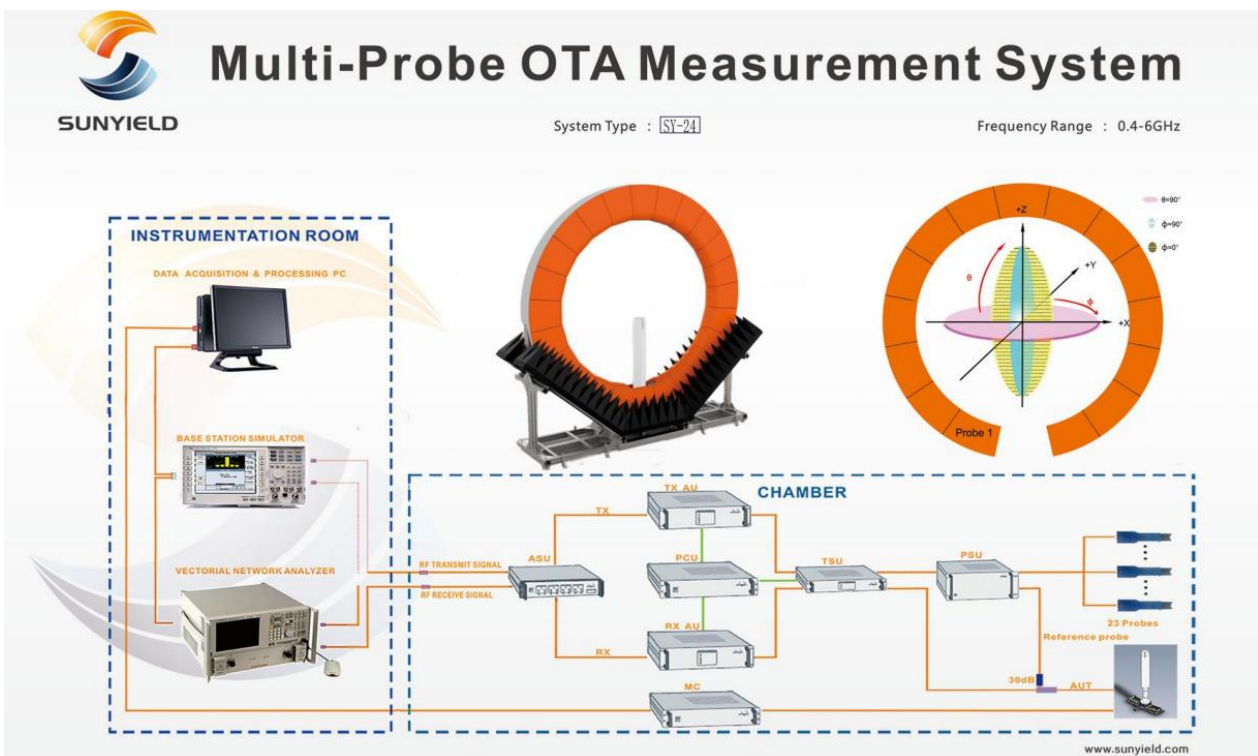
### 1. NetWork Analyzers:

Keysight E5071C

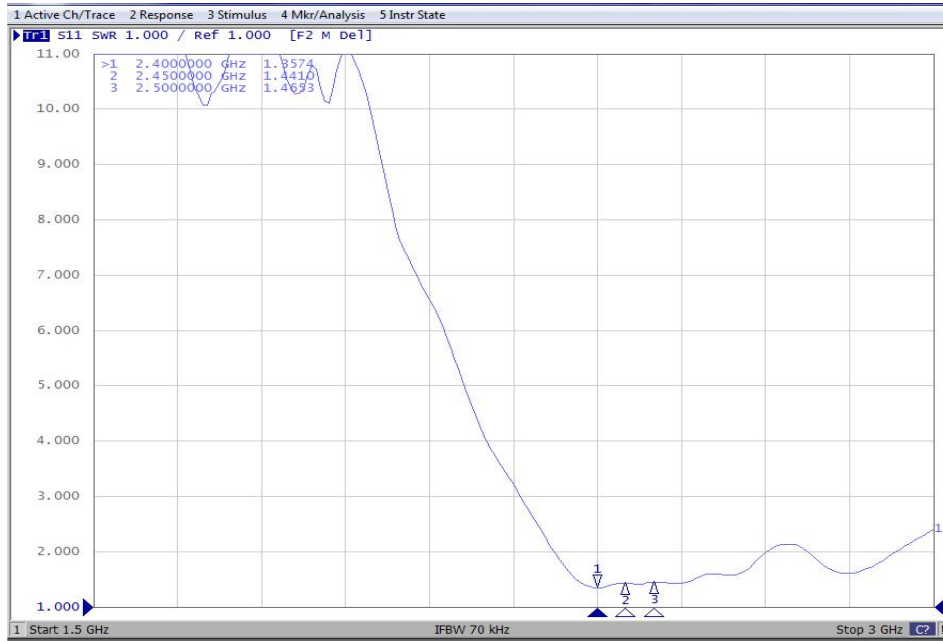
### 2. Comprehensive tester:

CMW50/MT8000A/MT8862A

### 3. 3D Chamber Test System:



## Antenna Impedance: S11

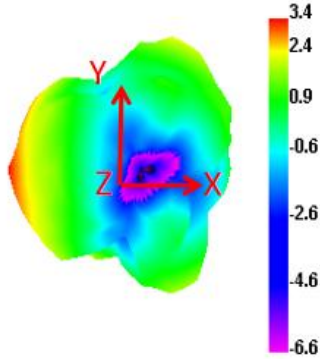


## Efficiency & Antenna Gain:

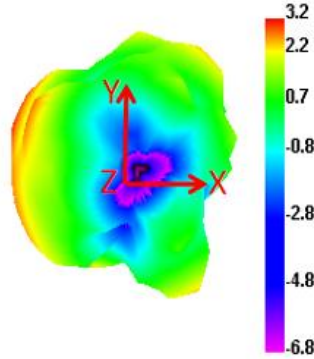
Freq (MHz)	Effi (%)	Effi (dB)	Peak Gain (dBi)
2400	73.38	-1.34	3.44
2410	70.8	-1.5	3.23
2420	70.79	-1.5	3.05
2430	71.84	-1.44	2.87
2440	74.36	-1.29	2.99
2450	76.71	-1.15	3.2
2460	77.12	-1.13	3.47
2470	75.65	-1.21	3.53
2480	75.56	-1.22	3.58
2490	74.35	-1.29	3.74
2500	75.54	-1.22	3.99
avg.	74.19	-1.30	3.37

## Antenna3D & 2D pattern:

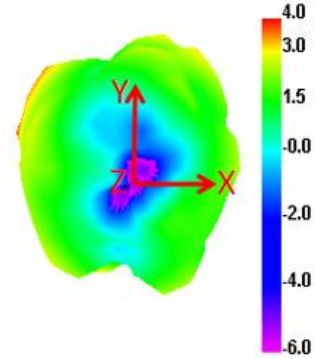
2400.000MHz



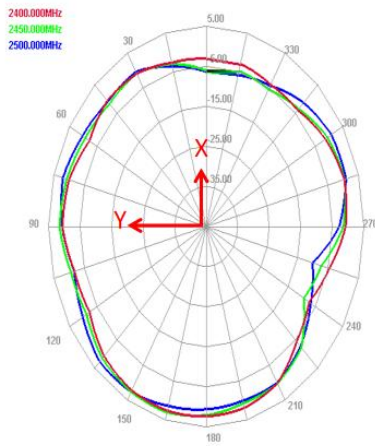
2450.000MHz



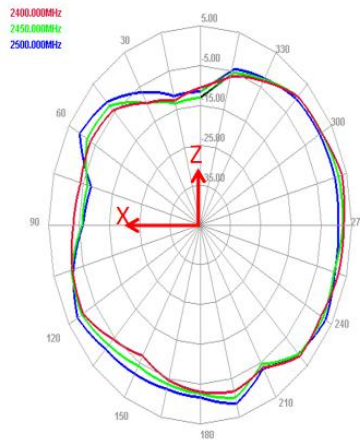
2500.000MHz



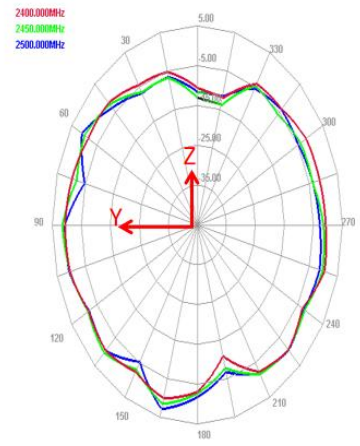
Horizontal



E1 Face



E2 Face



# Antenna position & Size

