

# Antenna data sheet

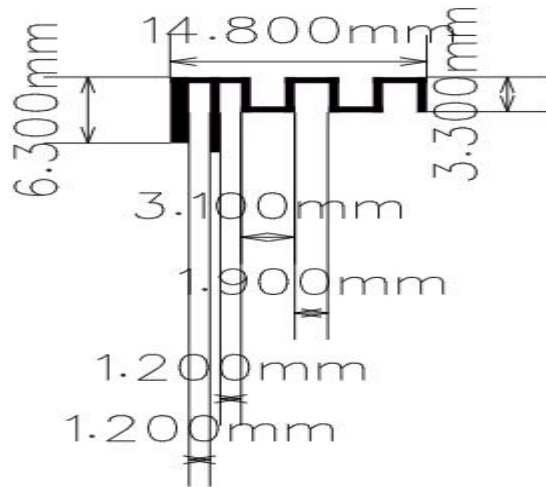
**Antenna Name:** PCB antenna

**Peak Gain:** 1.7dBi

**Manufacturer:** Shenzhen Futian District Lianjia Electronic Store

**Add:**No. 803, New Asia Guoli Building, Zhonghang Road, Huahang Community, Huaqiangbei  
Street,Futian District, Shenzhen, Guangdong Province, China

## Antenna Layout & module on the system board

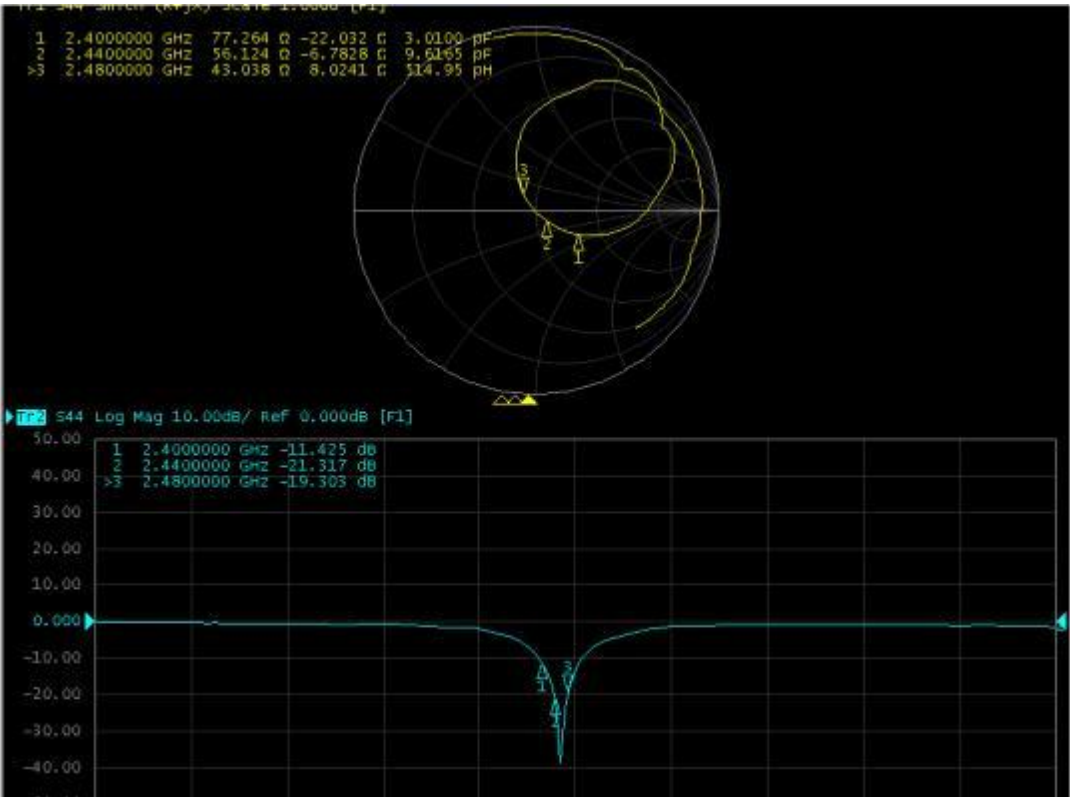


## Antenna Gain

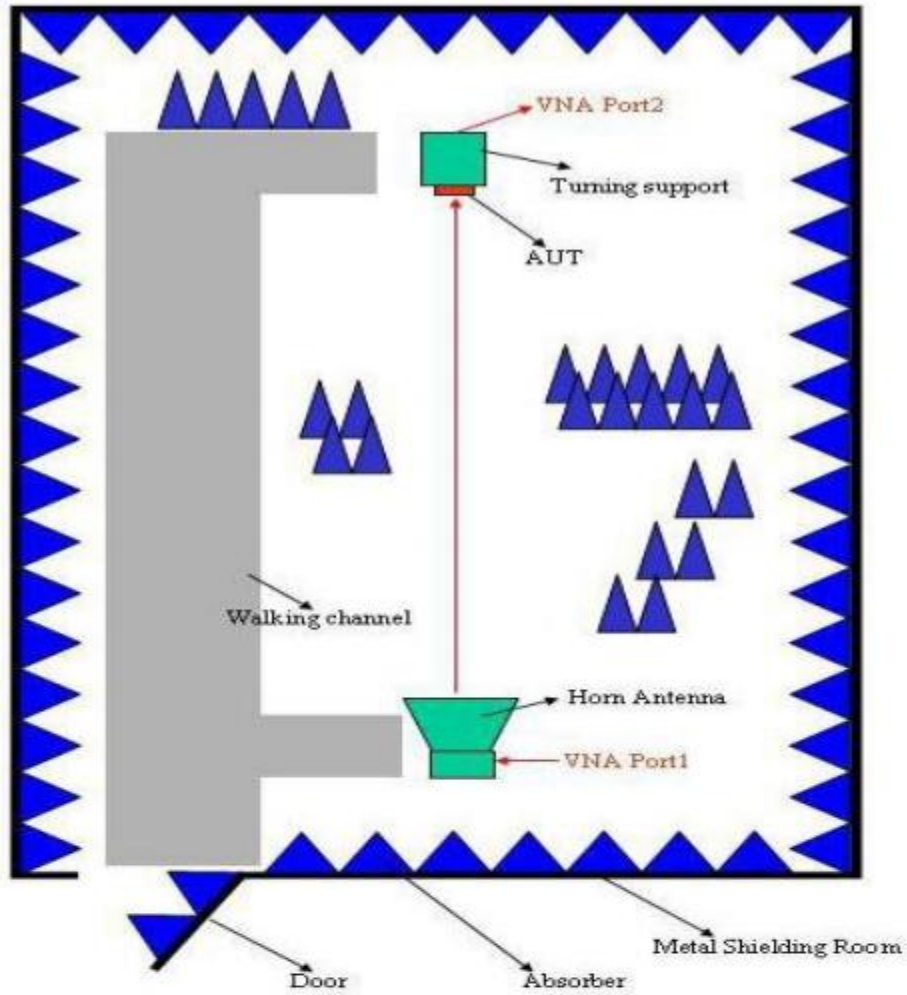
Gain Table

| Unit in dBi @2.44GHz | XY-plane | XZ-plane | YZ-plane |
|----------------------|----------|----------|----------|
|                      | Peak     | Peak     | Peak     |
| Module Board         | -1.27    | 1.7      | -0.58    |

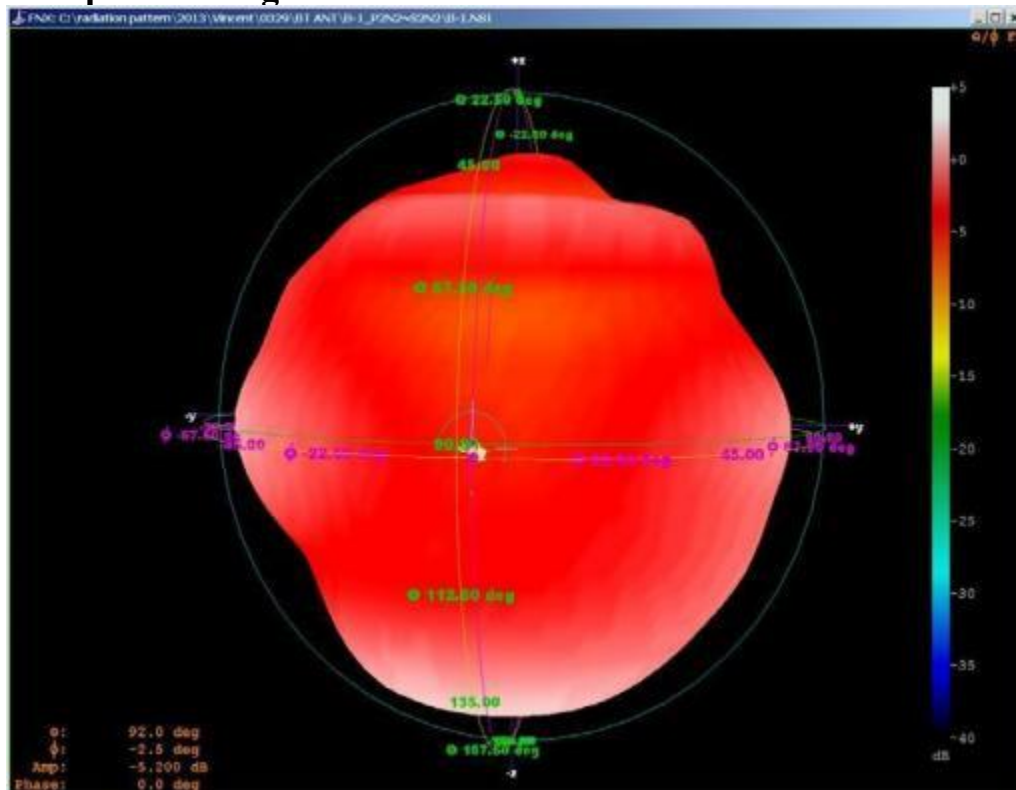
Return Loss



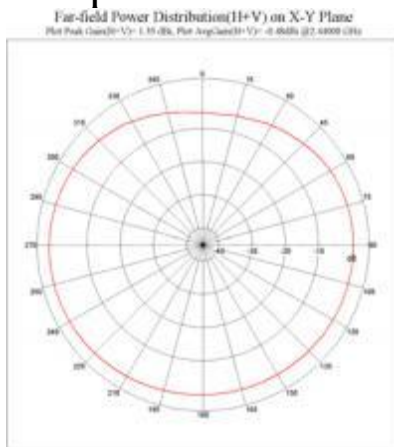
## The Environment of Antenna Radiation Pattern



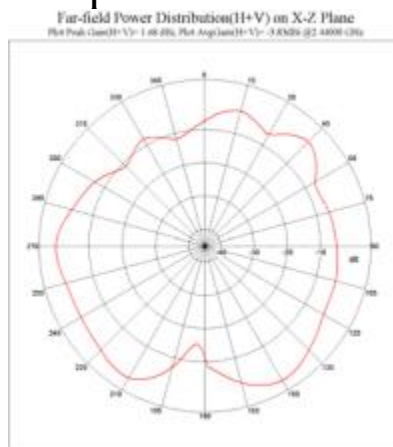
### 3D radiation pattern diagram



XY-plane



XZ-plane



YZ-plane

