

# 天 線

PCB ANTENNA

## SPECIFICATION

产 品 型 号   Rider S800

P a r t   N u m b e r

|       |  |       |      |
|-------|--|-------|------|
| 用户名称  |  | 版本号   | V1.1 |
| 发送日期  |  | 拟   制 |      |
| 发 送 人 |  | 审   核 |      |
| 页   数 |  | 批   准 |      |

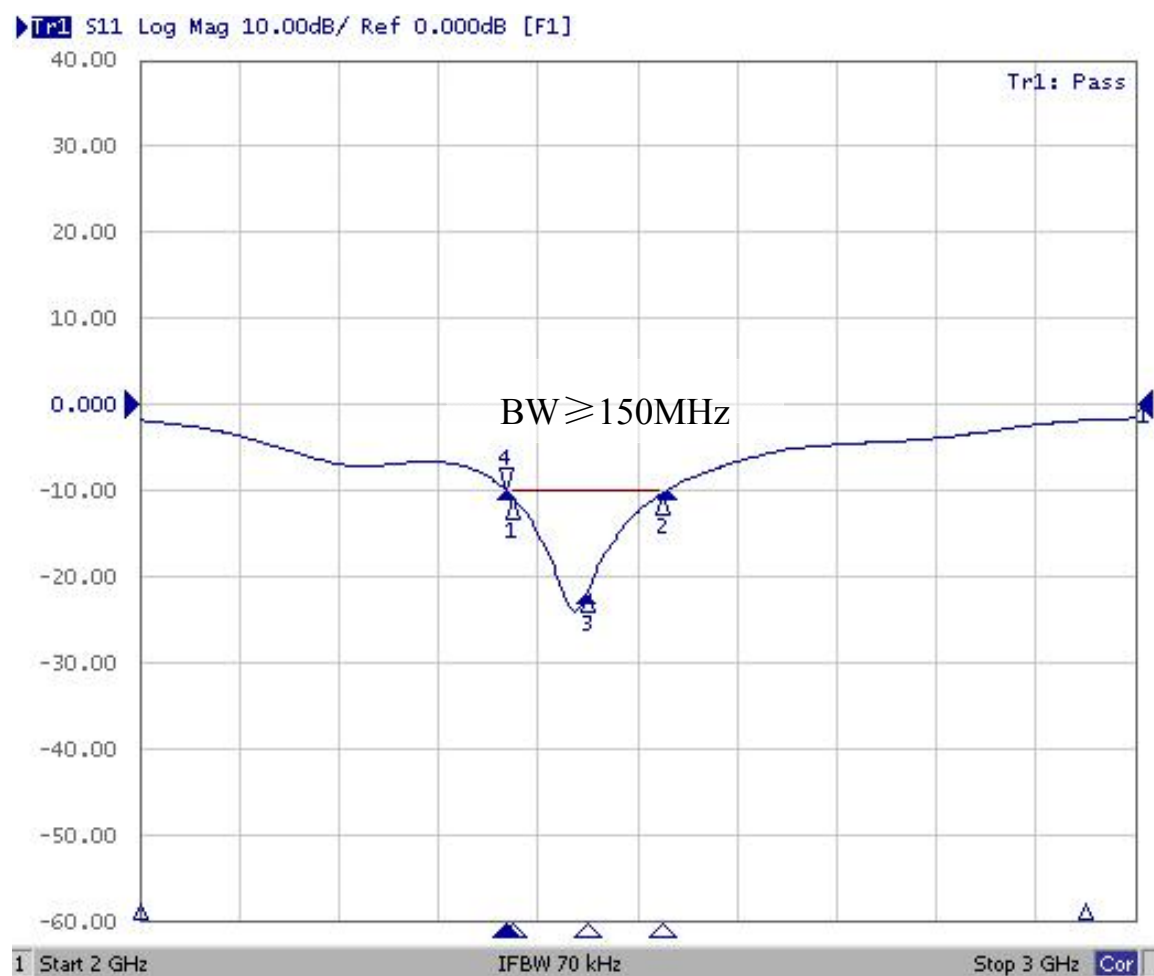
## 电气性能

## Electrical Characteristics

\*本天线在应用PCB上通过设计匹配电路，将天线工作频率调整到2.45GHz中心工作频率。

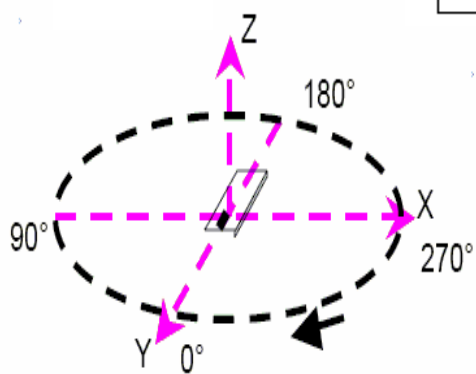
| No. | Item (项目)                        | Specifications (特性)           |
|-----|----------------------------------|-------------------------------|
| 5.1 | Working Central Frequency 中心工作频率 | 2450 MHz                      |
| 5.2 | Band Width 通带宽度                  | $\pm 75$ MHz ( 2375~2525MHz ) |
| 5.3 | Gain 增益                          | 0 dBi                         |
| 5.4 | V.S.W.R (in BW) 驻波比              | $\leq 2.0$                    |
| 5.5 | Polarization 极化方式                | Linear 线性                     |
| 5.6 | Azimuth Beam width 方位角           | Omni-directional 全向           |
| 5.7 | Impedance 阻抗                     | 50 $\Omega$                   |

## 特性曲线 Characteristic curve

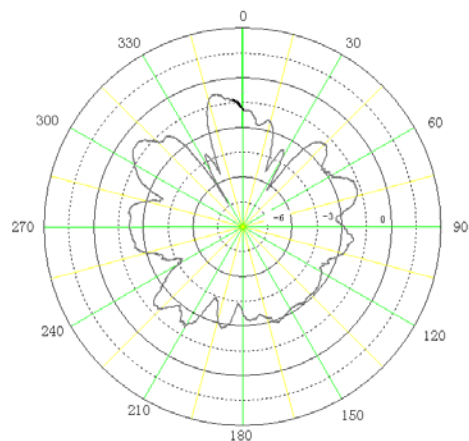


# 方向图      Radiation Pattern

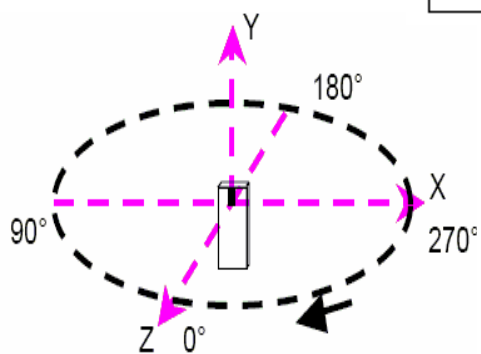
XY-V/XY-H



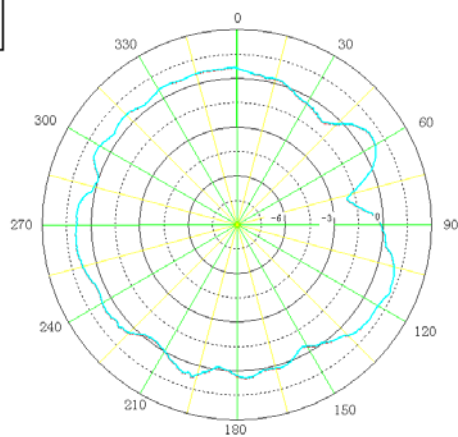
XY cut @2.45GHz  
 — Vertical  
 ..... Horizontal



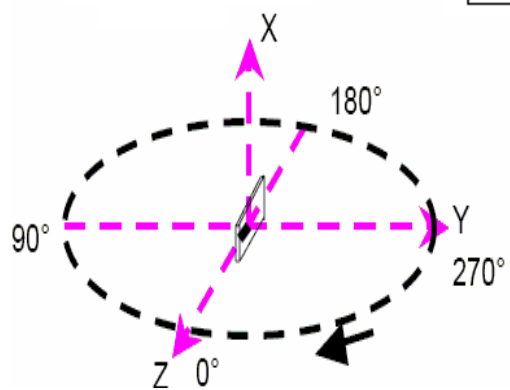
XZ-V/XZ-H



XZ cut @2.45GHz  
 — Vertical  
 ..... Horizontal



YZ-V/YZ-H



XZ cut @2.45GHz  
 — Vertical  
 ..... Horizontal

