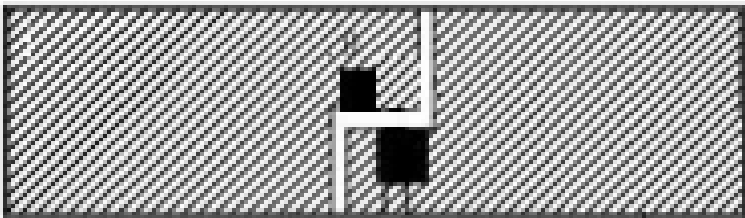


一、产品图片/1. Product images



二、产品参数/2. Product Parameters

| 产品测试参数/Product test parameters        |                 |                          |                 |
|---------------------------------------|-----------------|--------------------------|-----------------|
| 产品名称(Name)                            | 2.4G FPC ANT    | 产品型号(Model Type)         | BW126-WIFI-V1.0 |
| 电 性 能 指 标 (Electrical Specifications) |                 |                          |                 |
| 频率范围 (Frenquency Range)               | 2400-2500MHZ    | 极化方式 (Polarization)      | vertical        |
| 输入阻抗(Impedance)                       | 50 Ω            | 辐射方向/Radiation direction | Omnidirectional |
| 驻波比 (VSWR)                            | ≦3.0            | 功率容量(Power)              | 50W             |
| 增益(Gain)                              | 1.82dBi         | 带宽 (Bandwidth)           | 100MHz          |
| 机 械 指 标 (Mechanical Specifications)   |                 |                          |                 |
| 尺寸 (Dimensions)                       | 38.8*12±0.15 mm | 天线颜色(Radome Color)       | black           |
| 连接器型号 (Connector)                     | IPEX            | 引线长度(Cable Length)       | 70±3 mm         |
| 天线材料 Radome Material                  | FPC             |                          |                 |
| 工作温度 (Working Temperature)            | -40℃--+85℃      | 存放温度 (Limit Temperature) | -40℃--+85℃      |

# SPECIFICATION

*Shenzhen Feixin Wireless Communication*



## 深圳飞芯无线通讯有限公司

*Shenzhen Feixin Wireless Communication Co., Ltd.*

### 2.4GFPC天线/2.4G FPC Antenna

#### 产 品 规 格 书/Product Specifications

**制造商/Manufacturer : Shenzhe FeixinWirelessComm  
unicationCo.,Ltd.**

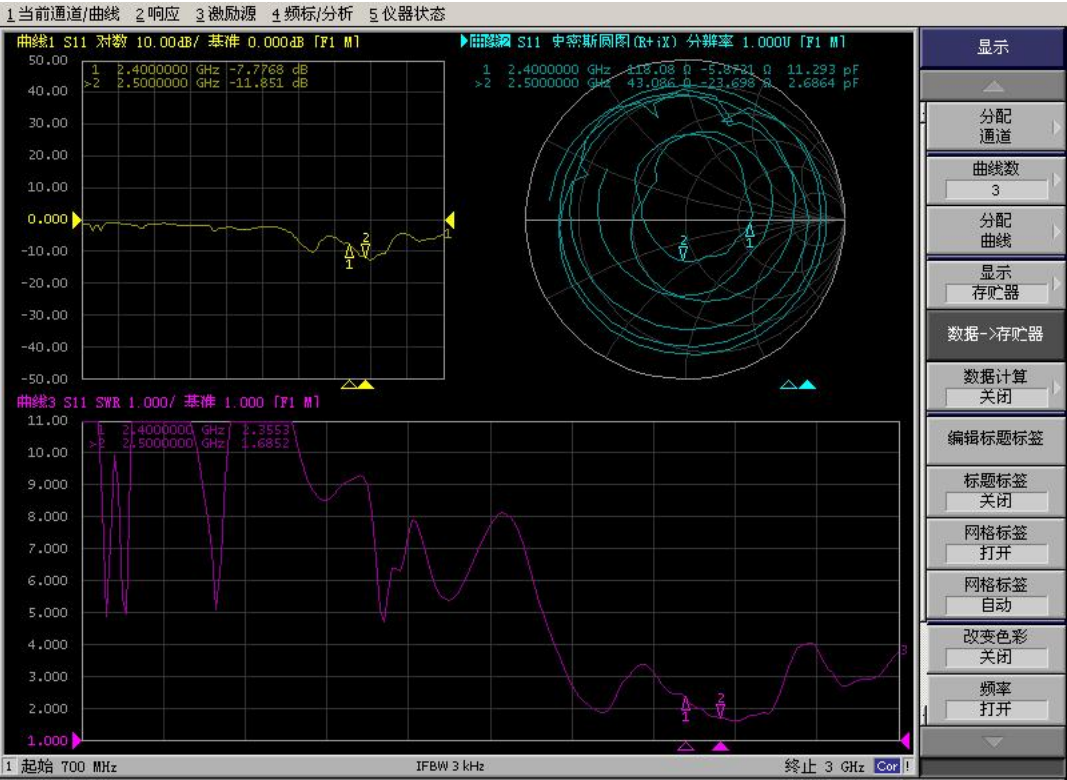
**地址/Manufacturer Address : Room 305, Building A  
, Changjing Robot, No. 104, Huanguan Middle  
Road, Songyuanxia Community, Guanhu Street,  
Longhua District, Shenzhen**

**Product Name: 2.4 FPC Antenna**

**Customer Part Number: TX.0092**

**Fax : +86-021-34711533**

三、S11（VSWR、Return loss、Smith）数据

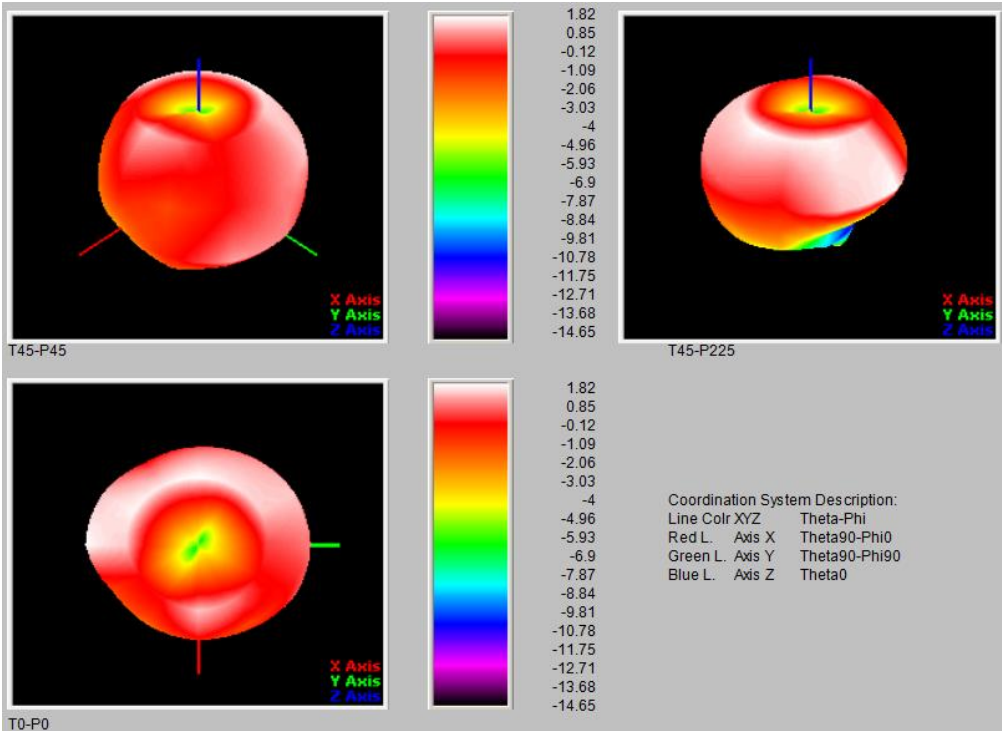


四、天线无源测试数据：/4. Antenna passive test data:

(1) 天线效率、增益：/(1) Antenna efficiency and gain:

| Test Point ID | Freq. (MHz) | TRP (dBm) | Gain (dBi) | Efficiency (%) |
|---------------|-------------|-----------|------------|----------------|
| 1             | 2400.0      | 2400.00   | 1.82       | 43.4%          |
| 2             | 2410.0      | 2410.00   | 1.45       | 42.0%          |
| 3             | 2420.0      | 2420.00   | 1.21       | 44.0%          |
| 4             | 2430.0      | 2430.00   | 1.05       | 43.8%          |
| 5             | 2440.0      | 2440.00   | 1.16       | 41.5%          |
| 6             | 2450.0      | 2450.00   | 1.35       | 41.5%          |
| 7             | 2460.0      | 2460.00   | 1.71       | 43.7%          |
| 8             | 2470.0      | 2470.00   | 1.74       | 41.6%          |
| 9             | 2480.0      | 2480.00   | 1.48       | 47.7%          |
| 10            | 2490.0      | 2490.00   | 1.34       | 44.8%          |
| 11            | 2500.0      | 2500.00   | 1.27       | 44.0%          |

Passive-Freq2400.00MHZ



Passive -Freq2470.00MHZ

