



# 安特微智能通讯(深圳)有限公司

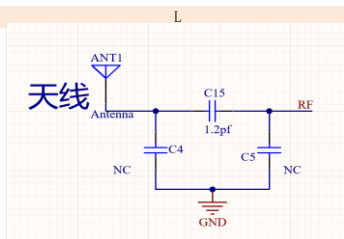
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## PCB Antenna Test Report V1

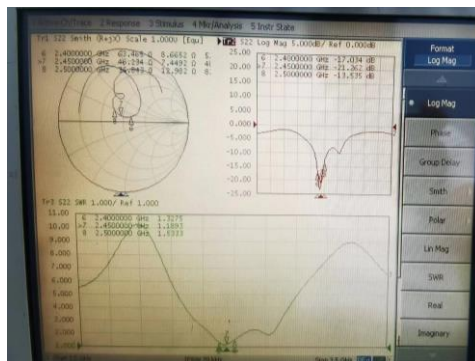
|                               |
|-------------------------------|
| Model: F1107-00301            |
| Antenna Type: Passive Antenna |
| Antenna: PCB Antenna          |
| 本次调试结论:                       |

### 天线匹配电路示意



| PCB         |        |
|-------------|--------|
| C4- (0402)  | NC     |
| C15- (0201) | 1. 2pf |
| C5- (0201)  | NC     |

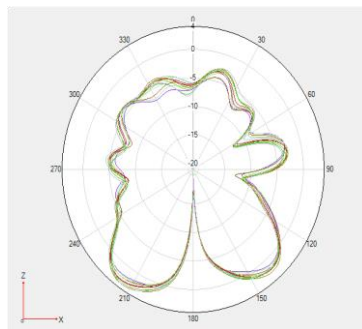
### 天线无源测试数据(自由空间) 回波损耗 ( Return Loss)



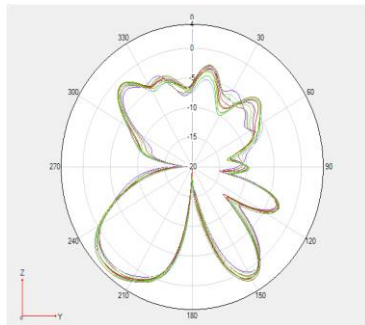
### 天线效率测试(自由空间)

| 右耳              |                |          |
|-----------------|----------------|----------|
| Frequency / MHz | Efficiency / % | Gain/ dB |
| 2400            | 40.2           | 0.95     |
| 2420            | 40.2           | 1.02     |
| 2450            | 41.1           | 1.16     |
| 2470            | 39.6           | 1.08     |
| 2490            | 40.9           | 1.13     |

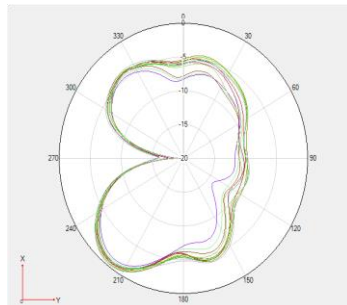
## 2D 方向图



Phi 0 2D图

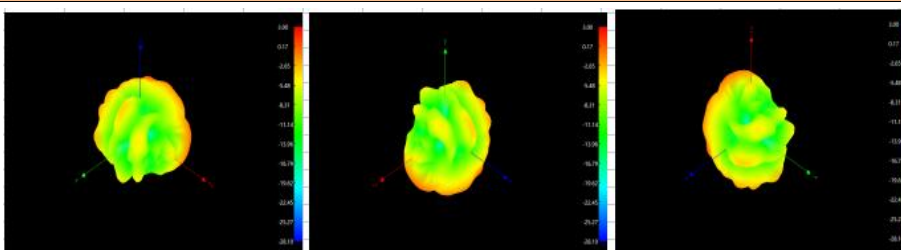


Phi 90 2D图

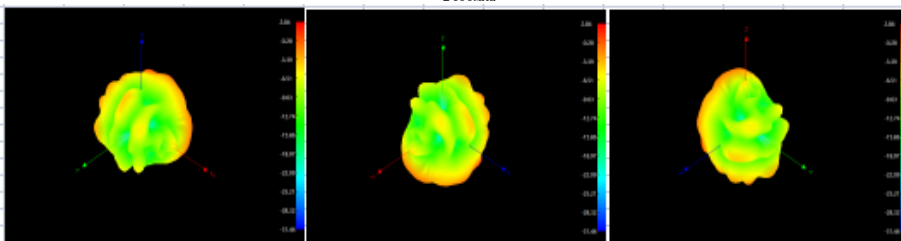


Theta 90 2D图

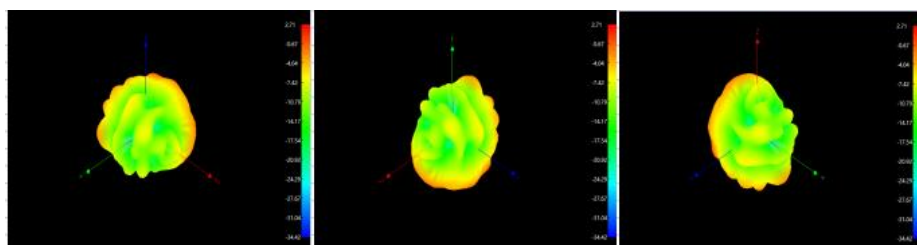
## 3D方向图



2400MHz

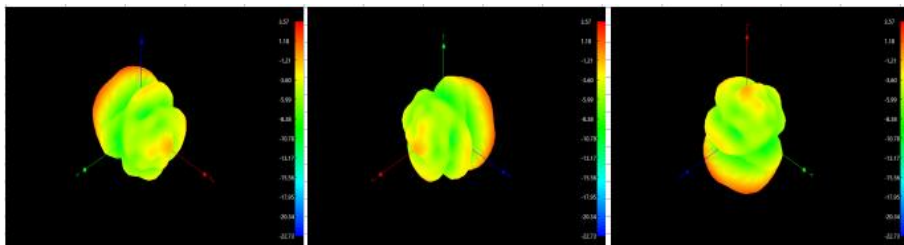


2450MHz

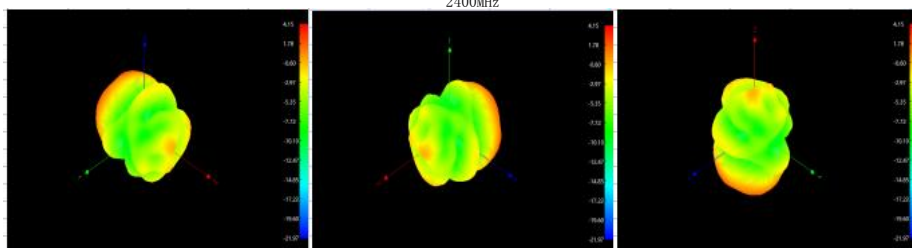


2485MHz

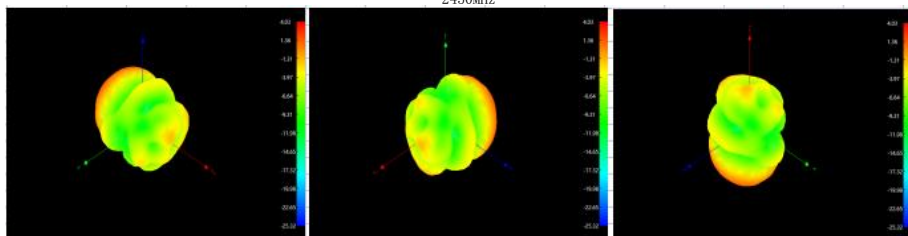
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2400MHz



2450MHz



2485MHz