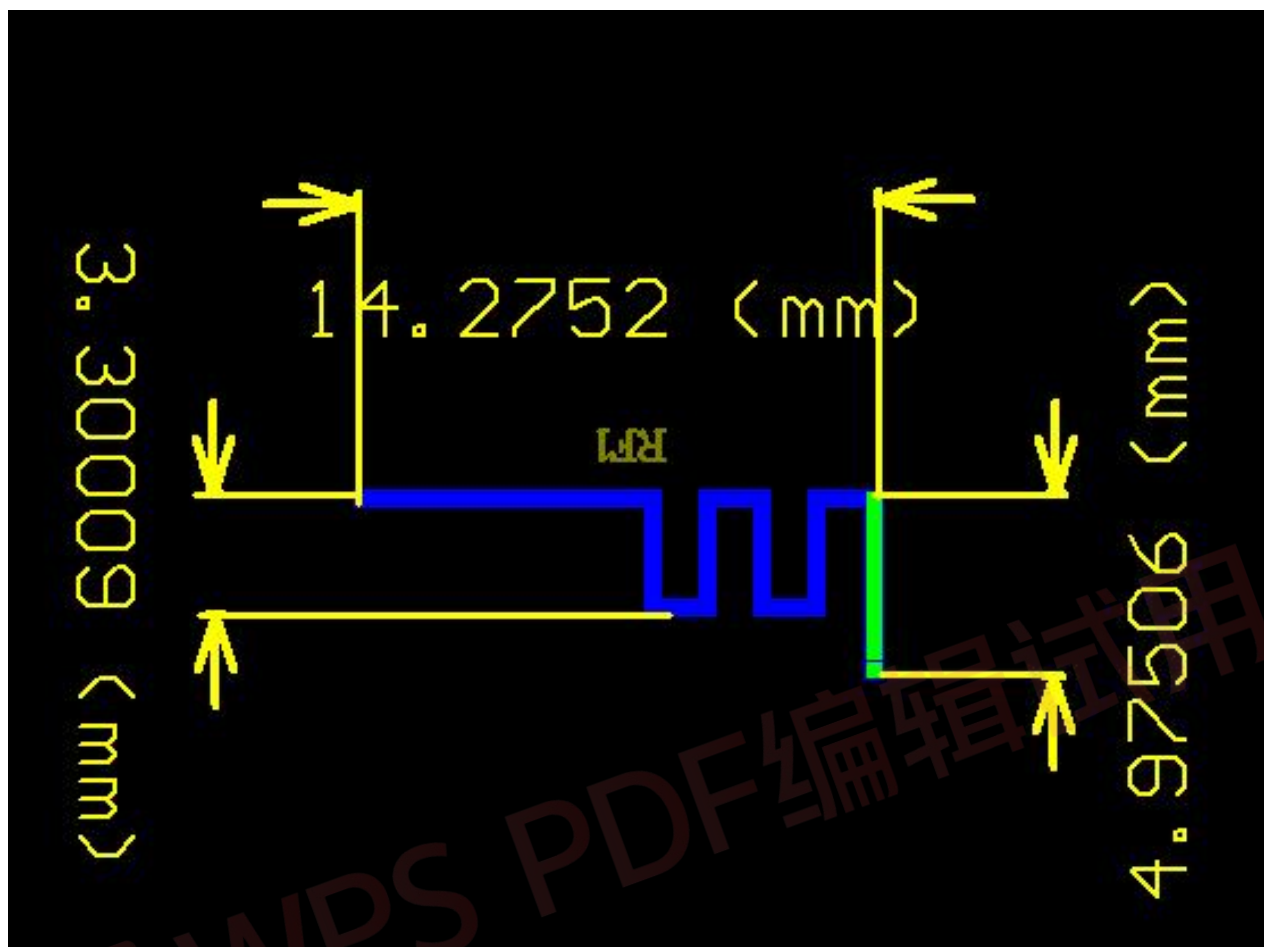


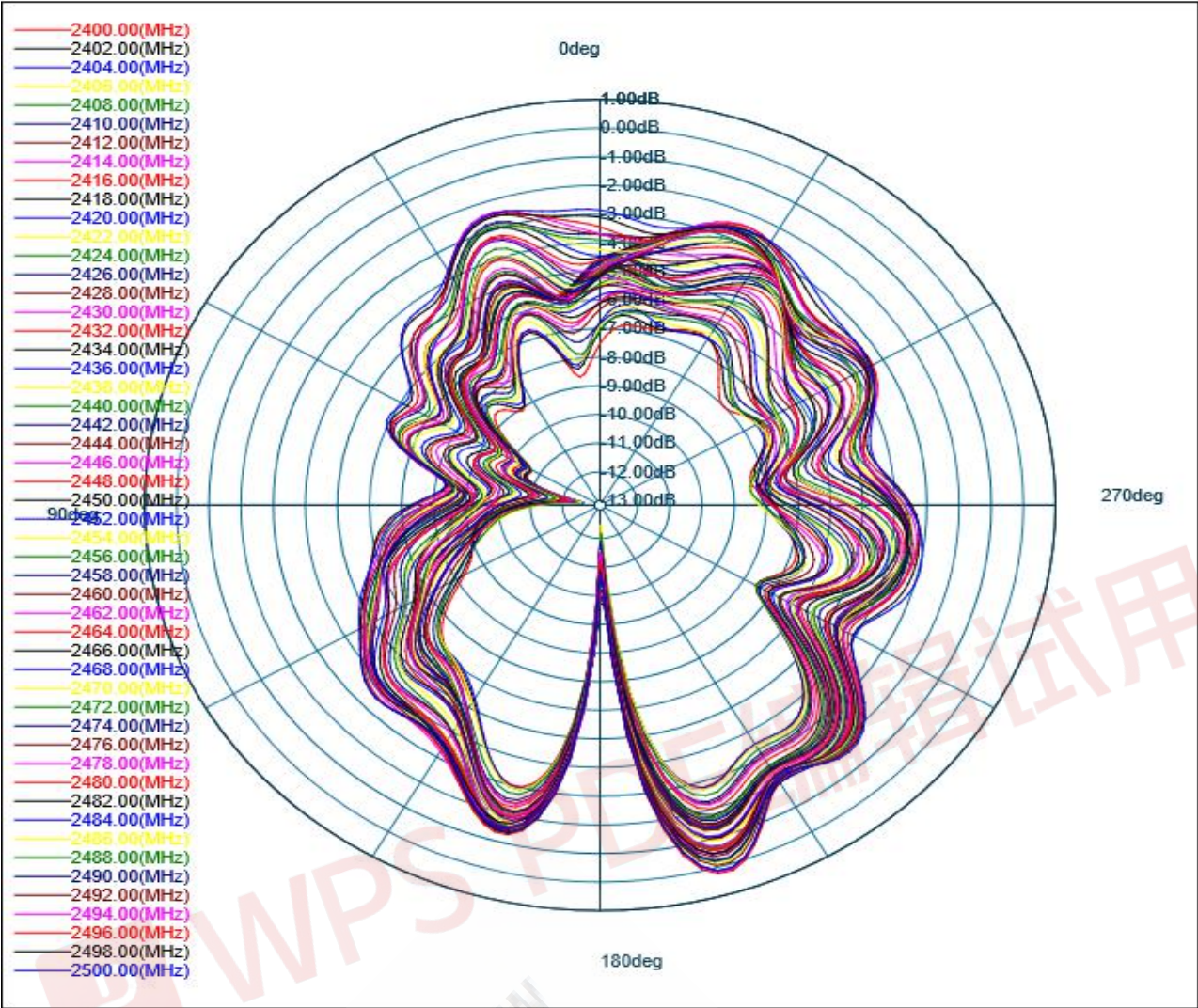
1、技术指标 (Technical Specification)

| 电性能指标 Electrical Specifications            |                     |
|--------------------------------------------|---------------------|
| 频率范围 Frequency Range （MHz）                 | 2400-2500           |
| 频带宽度 Bandwidth (-10dB) （MHz）               | ≥100                |
| 输入阻抗 Input Impedance （Ω）                   | 50                  |
| 电压驻波比 VSWR (max at all of frequency range) | <1.8                |
| 增益 Gain (@2.45GHz max) （dBi）               | 0.34                |
| 极化形式 Polarization Type                     | Linear polarization |
| 雷电保护 Lightning Protection                  | DC ground           |
| 功率容量 Power Capacity （mW）                   | 1000                |
| 机械指标 Mechanical Specifications             |                     |
| 辐射体 Radiator                               | 铜 Cuprum            |
| 连接器型号 Connect Type                         | -                   |
| 工作温度 Working Temperature （℃）               | -40~85              |
| 存储温度 Storage Temperature （℃）               | -40~125             |
| 外壳颜色 Radome Color                          | -沉金 Immersion gold  |
| 重量 Weight （g）                              | -                   |

## 2. 天线尺寸 Antenna size



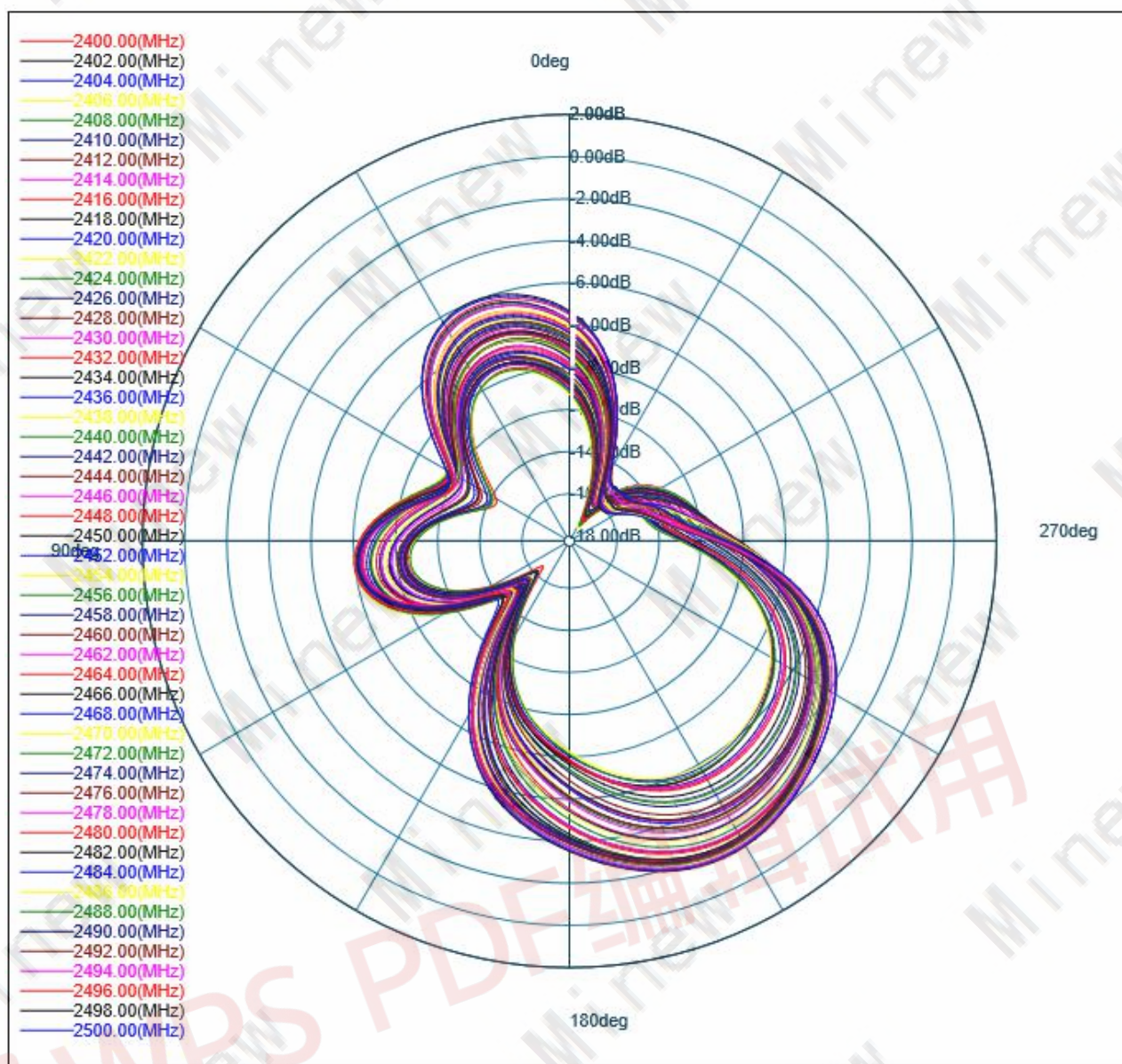
XY Plane



|                      |        |        |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Frequency<br>( MHz ) | 2400   | 2402   | 2404   | 2406   | 2408   | 2410   | 2412   | 2414   | 2416   |
| Gain ( dBi )         | -1.285 | -0.814 | -0.588 | -0.547 | -0.532 | -0.514 | -0.508 | -0.547 | -0.475 |
| Frequency<br>( MHz ) | 2418   | 2420   | 2422   | 2424   | 2426   | 2428   | 2430   | 2432   | 2434   |
| Gain ( dBi )         | -0.465 | -0.421 | -0.568 | -0.358 | -0.325 | -0.314 | -0.288 | -0.125 | -0.085 |
| Frequency<br>( MHz ) | 2436   | 2438   | 2440   | 2442   | 2444   | 2446   | 2448   | 2450   | 2452   |
| Gain ( dBi )         | -0.047 | -0.042 | -0.036 | -0.014 | 0.087  | 0.146  | 0.254  | 0.338  | 0.289  |
| Frequency<br>( MHz ) | 2454   | 2456   | 2458   | 2460   | 2462   | 2464   | 2466   | 2468   | 2470   |
| Gain ( dBi )         | 0.145  | 0.147  | 0.258  | 0.147  | -1.245 | -1.365 | -1.258 | -2.031 | -2.258 |
| Frequency<br>( MHz ) | 2472   | 2474   | 2476   | 2478   | 2480   | 2482   | 2484   | 2486   | 2488   |
| Gain ( dBi )         | -2.400 | -2.478 | -2.415 | -2.369 | -2.457 | -2.365 | -2.471 | -2.365 | -3.002 |
| Frequency<br>( MHz ) | 2500   |        |        |        |        |        |        |        |        |
| Gain ( dBi )         | -3.124 |        |        |        |        |        |        |        |        |

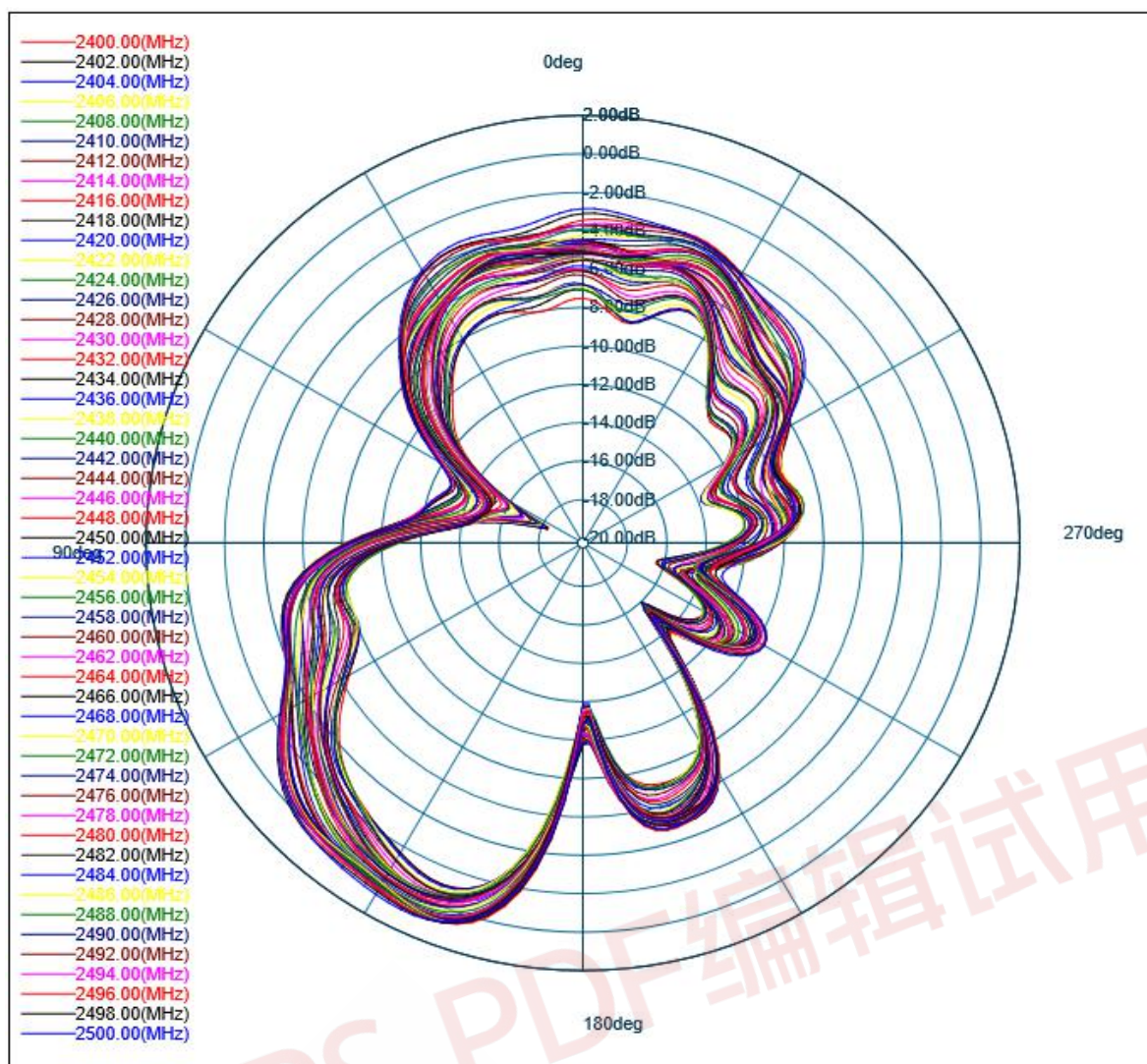


XZ Plane



|                 |        |        |        |        |        |        |        |        |        |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) | 2400   | 2402   | 2404   | 2406   | 2408   | 2410   | 2412   | 2414   | 2416   |
| Gain (dBi)      | -2.145 | -2.457 | -2.569 | -1.478 | -1.587 | -1.698 | -1.540 | -1.654 | -1.742 |
| Frequency (MHz) | 2418   | 2420   | 2422   | 2424   | 2426   | 2428   | 2430   | 2432   | 2434   |
| Gain (dBi)      | -2.114 | -2.025 | -1.897 | -1.547 | -0.896 | -0.589 | -0.789 | -1.258 | -1.336 |
| Frequency (MHz) | 2436   | 2438   | 2440   | 2442   | 2444   | 2446   | 2448   | 2450   | 2452   |
| Gain (dBi)      | -1.347 | -1.256 | -1.547 | -1.598 | -2.145 | -2.156 | -2.247 | -2.369 | -2.345 |
| Frequency (MHz) | 2454   | 2456   | 2458   | 2460   | 2462   | 2464   | 2466   | 2468   | 2470   |
| Gain (dBi)      | -2.478 | -2.415 | -2.587 | -2.698 | -2.741 | -3.125 | -3.226 | -3.477 | -2.258 |
| Frequency (MHz) | 2472   | 2474   | 2476   | 2478   | 2480   | 2482   | 2484   | 2486   | 2488   |
| Gain (dBi)      | -2.874 | -2.846 | -2.156 | -3.03  | -3.560 | -2.478 | -2.869 | -2.459 | -3.221 |
| Frequency (MHz) | 2500   |        |        |        |        |        |        |        |        |
| Gain (dBi)      | -3.226 |        |        |        |        |        |        |        |        |

YZ Plane



|                 |        |        |        |        |        |        |        |        |        |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) | 2400   | 2402   | 2404   | 2406   | 2408   | 2410   | 2412   | 2414   | 2416   |
| Gain (dBi)      | -1.857 | -1.687 | -1.579 | -1.632 | -1.647 | -1.644 | -1.769 | -1.545 | -1.658 |
| Frequency (MHz) | 2418   | 2420   | 2422   | 2424   | 2426   | 2428   | 2430   | 2432   | 2434   |
| Gain (dBi)      | -1.325 | -1.112 | -0.985 | -0.574 | -0.344 | -0.256 | -0.441 | -0.033 | -0.123 |
| Frequency (MHz) | 2436   | 2438   | 2440   | 2442   | 2444   | 2446   | 2448   | 2450   | 2452   |
| Gain (dBi)      | -0.145 | 0.025  | 0.124  | 0.268  | 0.241  | 0.223  | 0.125  | 0.069  | -0.012 |
| Frequency (MHz) | 2454   | 2456   | 2458   | 2460   | 2462   | 2464   | 2466   | 2468   | 2470   |
| Gain (dBi)      | -0.134 | -0.152 | -0.452 | -0.523 | -0.269 | -1.025 | -1.254 | -1.058 | -1.332 |
| Frequency (MHz) | 2472   | 2474   | 2476   | 2478   | 2480   | 2482   | 2484   | 2486   | 2488   |
| Gain (dBi)      | -1.441 | -1.521 | -1.785 | -2.03  | -2.369 | -2.448 | -2.547 | -3.02  | -3.156 |
| Frequency (MHz) | 2500   |        |        |        |        |        |        |        |        |
| Gain (dBi)      | -3.215 |        |        |        |        |        |        |        |        |