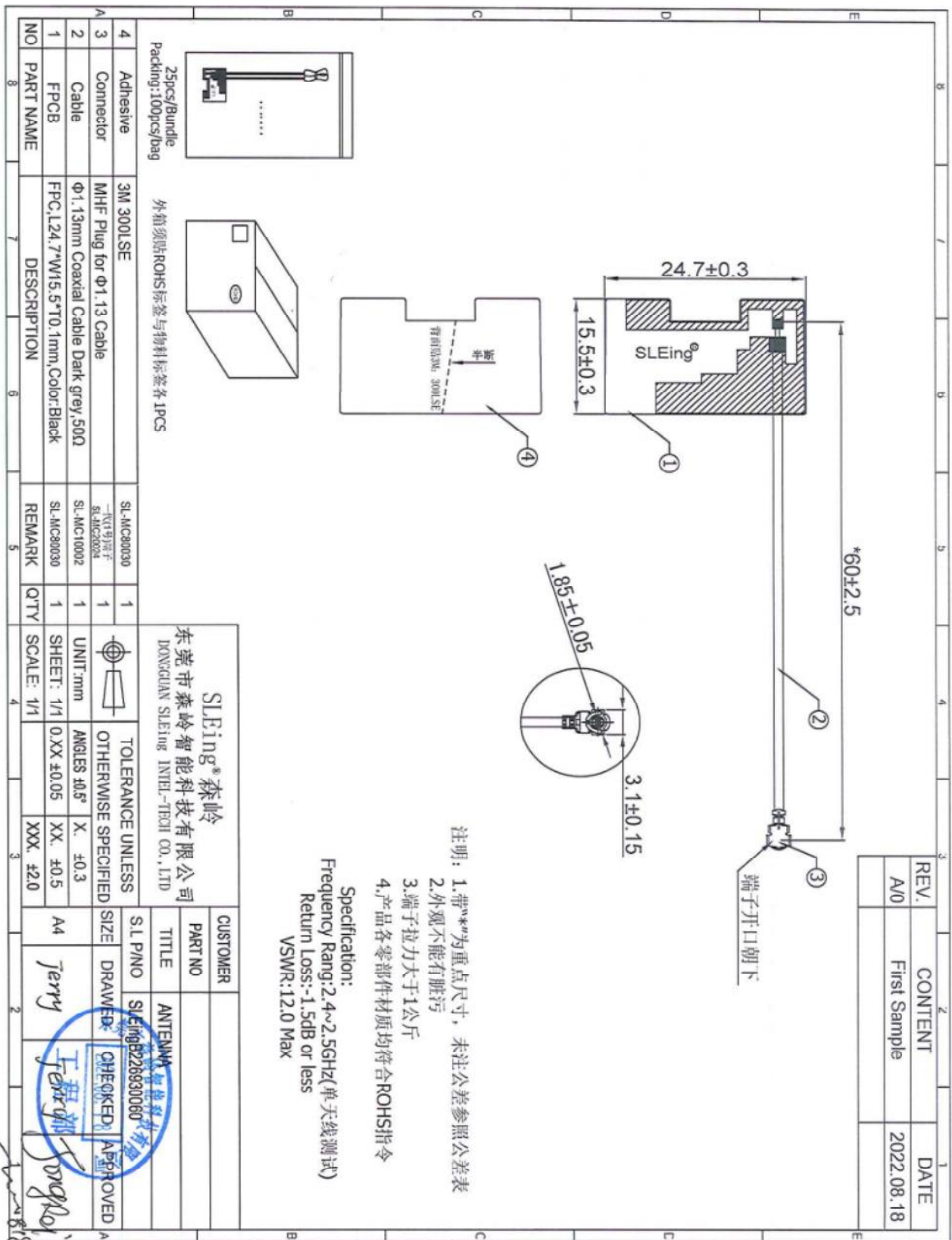


# 工程图档:





东莞市森岭智能科技有限公司

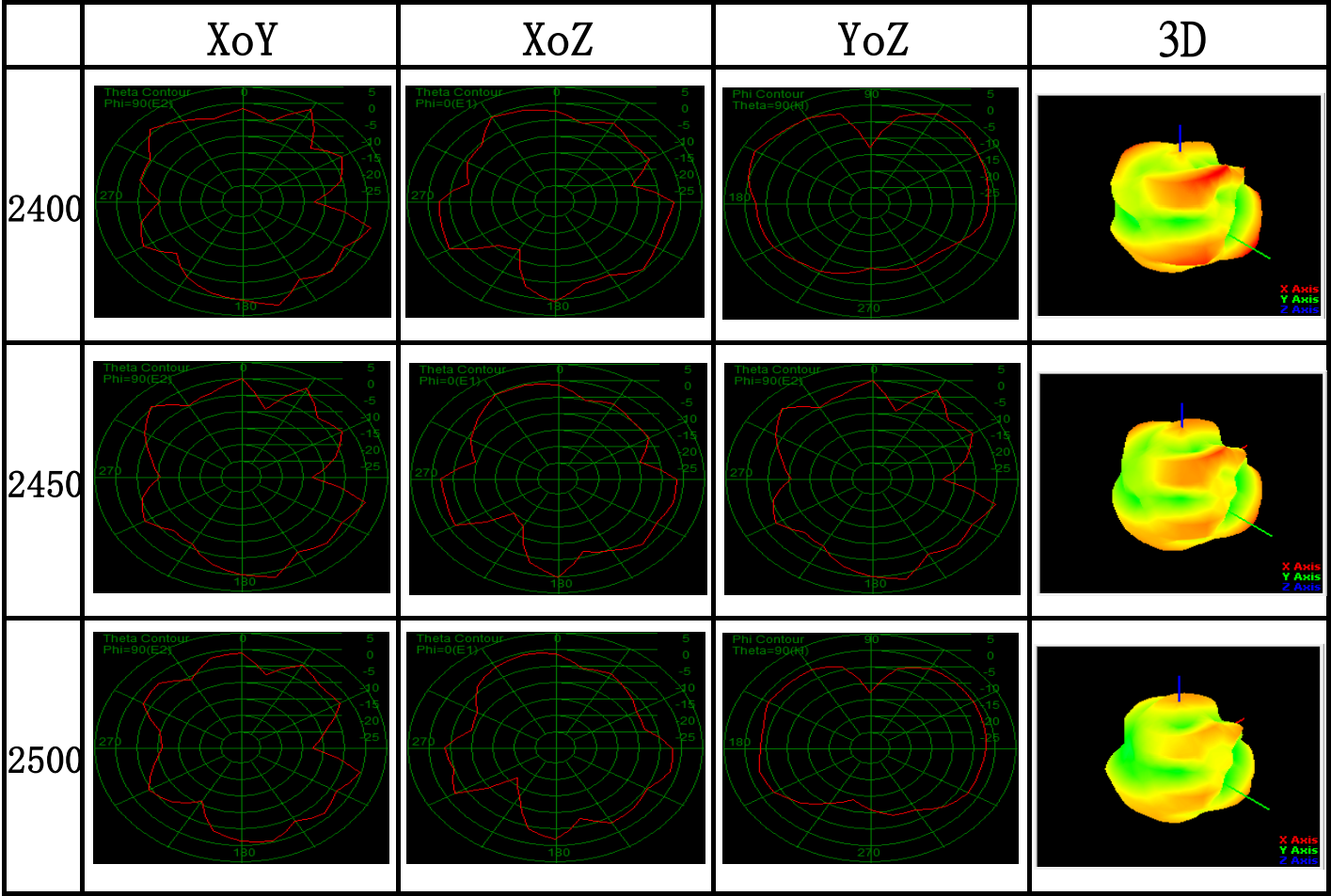
DONGGUAN CITY SLEing INTEL-TECH

## 电性测试报告

## Test Reports

| Electrical Properties |                                |
|-----------------------|--------------------------------|
| Frequency             | 2.4-2.5GHz                     |
| Impedance             | 50 Ohm Nominal                 |
| V.S.W.R               | $\leq 12$                      |
| Return Loss           | -1.5dB Max                     |
| Radiation             | Omni-directional               |
| Gain (Peak)           | 3.81 dBi                       |
| Polarization          | Linear, Vertical               |
| Admitted Power        | 2 W                            |
| Connector             | MHF                            |
| Physical Properties   |                                |
| Antenna Material      | FPC+Cable                      |
| Cable Type            | $\Phi 1.13\text{mm}$ Dark grey |
| Operating Temp        | -30°C -85°C                    |
| Storage Temp.         | -30°C -85°C                    |
|                       |                                |

方向图  
Pattern



## 测试效率 Test Efficiency

| Test Point<br>ID   | Freq.<br>(MHz) | Gain<br>(dBi) | Efficiency<br>(%) |
|--------------------|----------------|---------------|-------------------|
| <a href="#">1</a>  | 2400.0         | 3.07          | 58.0%             |
| <a href="#">2</a>  | 2410.0         | 3.67          | 59.6%             |
| <a href="#">3</a>  | 2420.0         | 3.32          | 59.1%             |
| <a href="#">4</a>  | 2430.0         | 3.61          | 56.2%             |
| <a href="#">5</a>  | 2440.0         | 3.81          | 61.6%             |
| <a href="#">6</a>  | 2450.0         | 3.21          | 52.2%             |
| <a href="#">7</a>  | 2460.0         | 3.65          | 55.4%             |
| <a href="#">8</a>  | 2470.0         | 2.68          | 49.7%             |
| <a href="#">9</a>  | 2480.0         | 3.19          | 47.2%             |
| <a href="#">10</a> | 2490.0         | 2.77          | 48.6%             |
| <a href="#">11</a> | 2500.0         | 2.50          | 41.5%             |