

## Specifications

|                               |                                       |                             |                     |
|-------------------------------|---------------------------------------|-----------------------------|---------------------|
| <b>Manufacturer:</b>          | Shenzhen Changxi Technology Co., Ltd. | <b>Product Model:</b>       | ANA106              |
| <b>Product Name:</b>          | 2.4G Spring Antenna                   | <b>VSWR:</b>                | <1.8                |
| <b>Antenna Gain:</b>          | 3.79dBi                               | <b>Polarization:</b>        | Linear Polarization |
| <b>Impedance:</b>             | 50Ω                                   | <b>Antenna Interface:</b>   | Direct Soldering    |
| <b>Frequency Range:</b>       | 2400MHz~2500MHz                       | <b>Antenna Type:</b>        | Integral Antenna    |
| <b>Antenna Material:</b>      | Phosphor Bronze                       | <b>Antenna Dimensions:</b>  | 0.6*3.6*4*7.2mm     |
| <b>Operating Temperature:</b> | -40° C~+85° C                         | <b>Storage Temperature:</b> | -40° C~90° C        |

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## ANNEX A TEST RESULTS

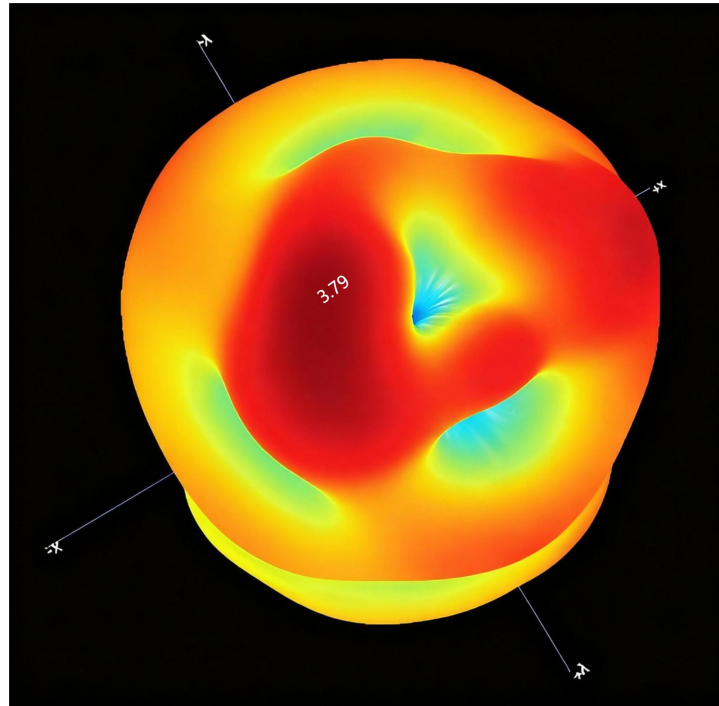
### A.1 Gain and Efficiency

| Frequency | Gain (dBi) | Efficiency (%) |
|-----------|------------|----------------|
| 2400MHz   | 3.79       | <b>61</b>      |
| 2410MHz   | 3.70       | 60             |
| 2420MHz   | 3.60       | 60             |
| 2430MHz   | 3.56       | 59             |
| 2440MHz   | 3.51       | 58             |
| 2450MHz   | 3.42       | 58             |
| 2460MHz   | 3.39       | 55             |
| 2470MHz   | 3.32       | 54             |
| 2480MHz   | 3.27       | 53             |
| 2490MHz   | 3.25       | 52             |
| 2500MHz   | 3.03       | 50             |

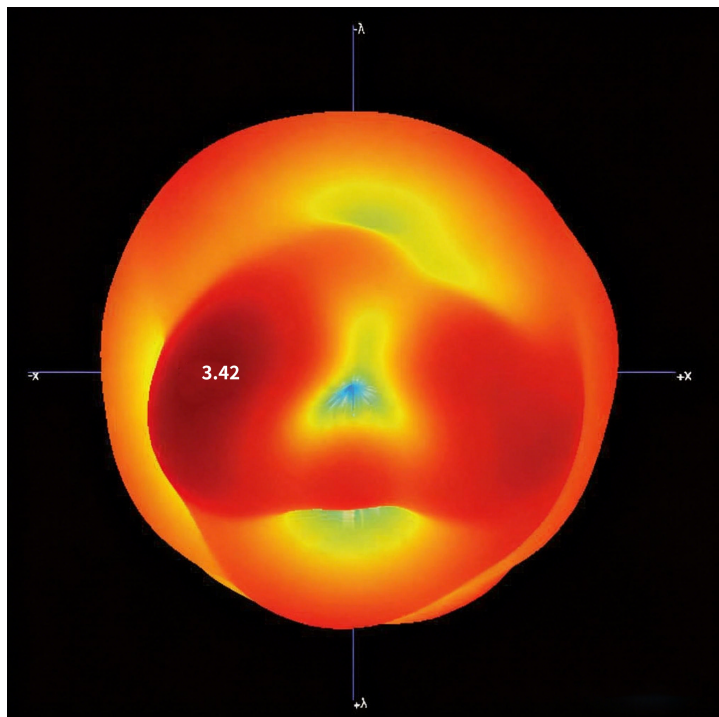
## ANNEX B RADIATION PATTERN

### B.1 3D Pattern

B1.1 3D Pattern for 2400MHz



B1.2 3D Pattern for 2450MHz



B1.3 3D Pattern for 2500MHz

