

Shenzhen CW-Vision Technology Co., Ltd.

Customer Name: \_\_\_\_\_

Customer Model: \_\_\_\_\_

Customer Part No.: \_\_\_\_\_

Customer Specification Description: T301G1-VC

Chaowei Part No.: Description: T301G1 Onboard Antenna

Address: Room 501, Building 4, Yunli Intelligent Park, No. 6,

ChangfaMiddle Road, Bantian Subdistrict, Longgang District, Shenzhen

City

Specification Approval Sheet

| Approval, Signature and Company Stamp |             |             |                   |             |             |
|---------------------------------------|-------------|-------------|-------------------|-------------|-------------|
| Chaowei Approval                      |             |             | Customer Approval |             |             |
| Prepared by                           | Reviewed by | Approved by | Verified by       | Reviewed by | Approved by |
| WenQiang He                           | JunXin Min  |             |                   |             |             |
| He Wen Qiang<br>Min Jun Xin           |             |             |                   |             |             |
| Date                                  | 2026-07-01  |             | Date              | 2026-07-01  |             |

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## Document Revision History

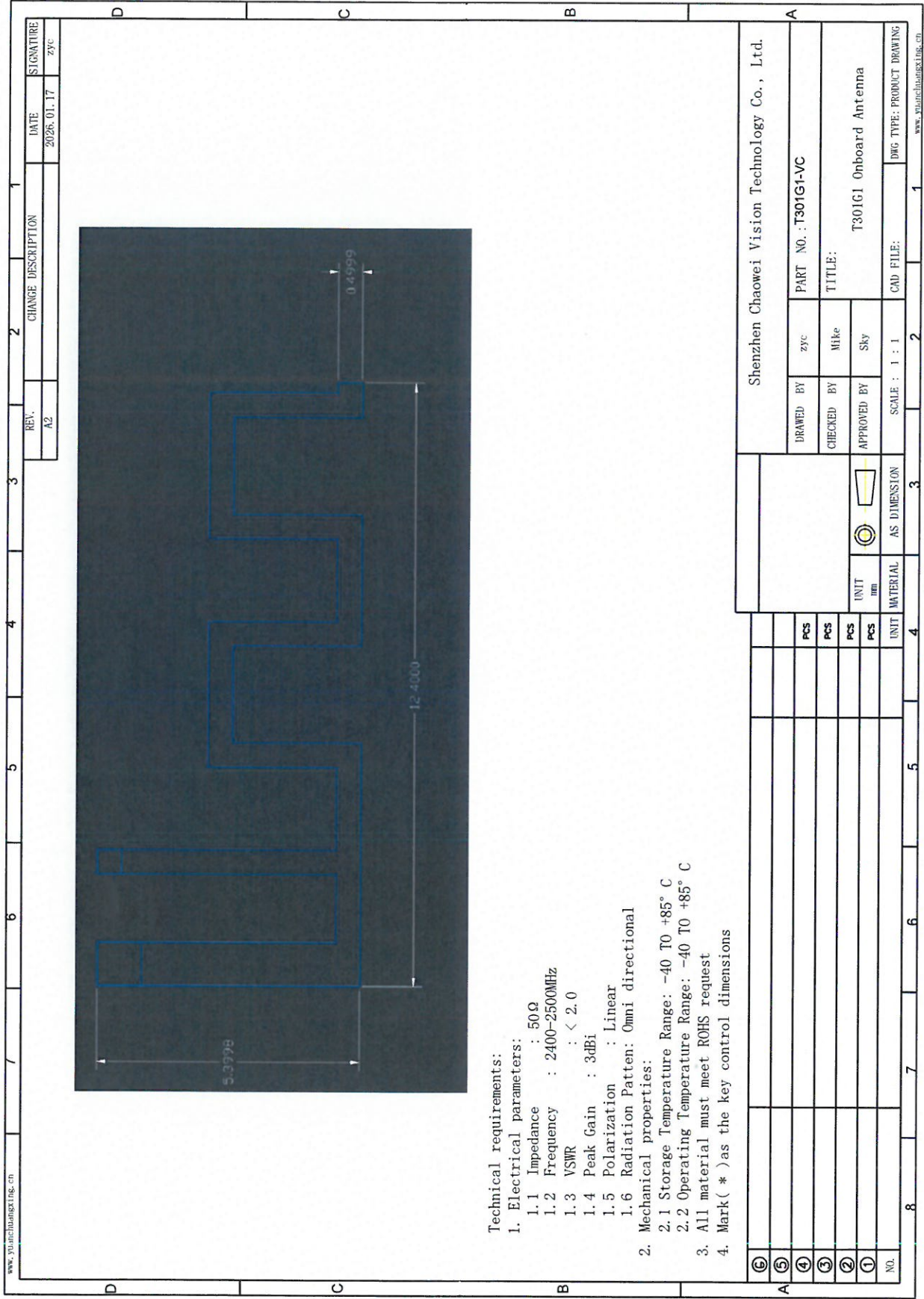
[illegible]

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4. Drawing



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## 5、Passive Performance Test Parameters

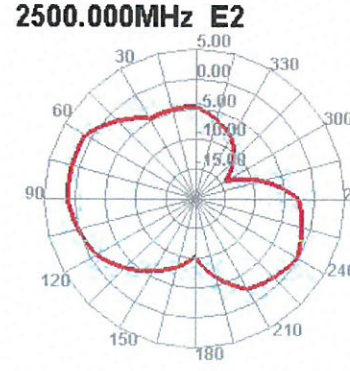
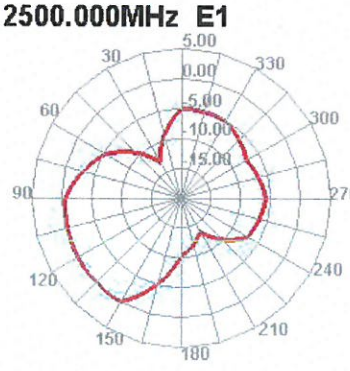
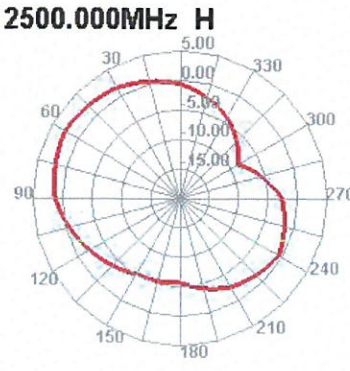
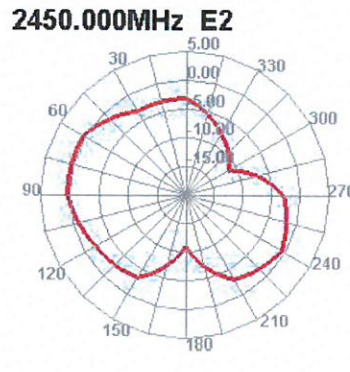
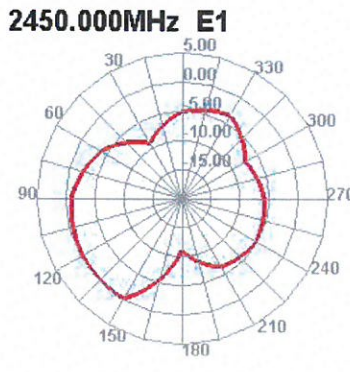
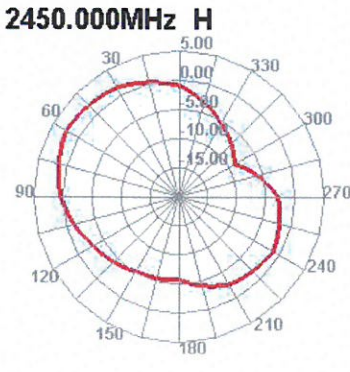
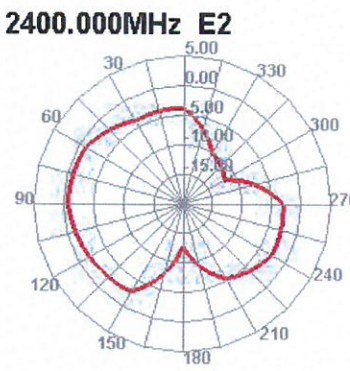
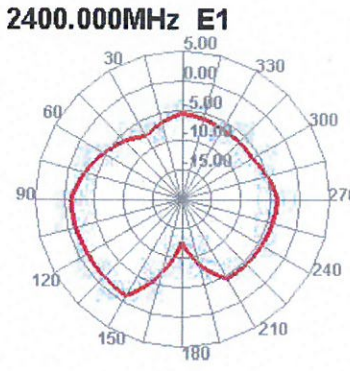
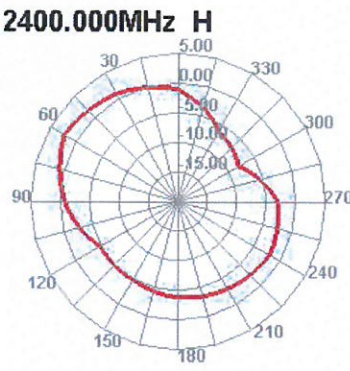
|                |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|
| Frequency(GHz) | 2.4  | 2.45 | 2.5  | 5.15 | 5.55 | 5.85 |
| VSWR           | 1.66 | 1.35 | 1.46 |      |      |      |



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## 6、2D and 3D Radiation Patterns

| Passive Test For WiFi |          |            |  |  |
|-----------------------|----------|------------|--|--|
| Freq (MHz)            | Effi (%) | Gain (dBi) |  |  |
| 2400                  | 60       | 2.7        |  |  |
| 2450                  | 63       | 3          |  |  |
| 2500                  | 62       | 2.73       |  |  |
|                       |          |            |  |  |
|                       |          |            |  |  |
|                       |          |            |  |  |



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## 7、Electrical Performance Parameters

| Electrical Parameters    |                              |
|--------------------------|------------------------------|
| Frequency Range          | 2.4GHz-2.5GHz                |
| Input Impedance          | 50Ω                          |
| VSWR                     | <2.0                         |
| Gain                     | 3dBi                         |
| Polarization             | Linear Vertical Polarization |
| Radiation Pattern        | Omnidirectional              |
| Connection Method        |                              |
| Mechanical Parameters    |                              |
| Cable Length             |                              |
| Retention Force          |                              |
| Coaxial Cable            |                              |
| Salt Spray Test          |                              |
| Environmental Parameters |                              |
| Operating Temperature    | -40~85℃                      |