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

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

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

Customer Specification Description: T301G1-VC

Part No.: Description: T301G1 Onboard Antenna

Address: \_\_\_\_\_

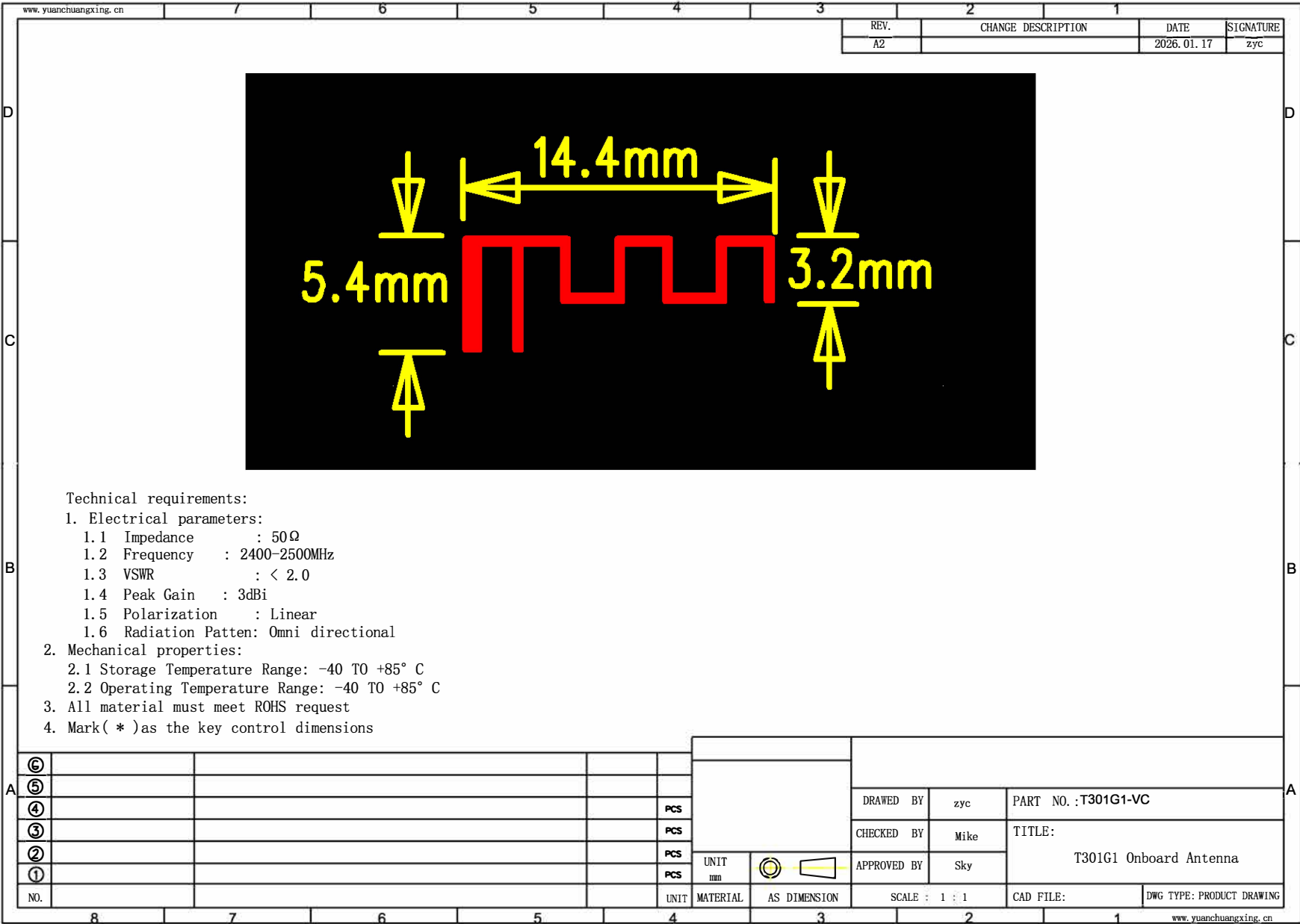
## Document Revision History

[illegible]

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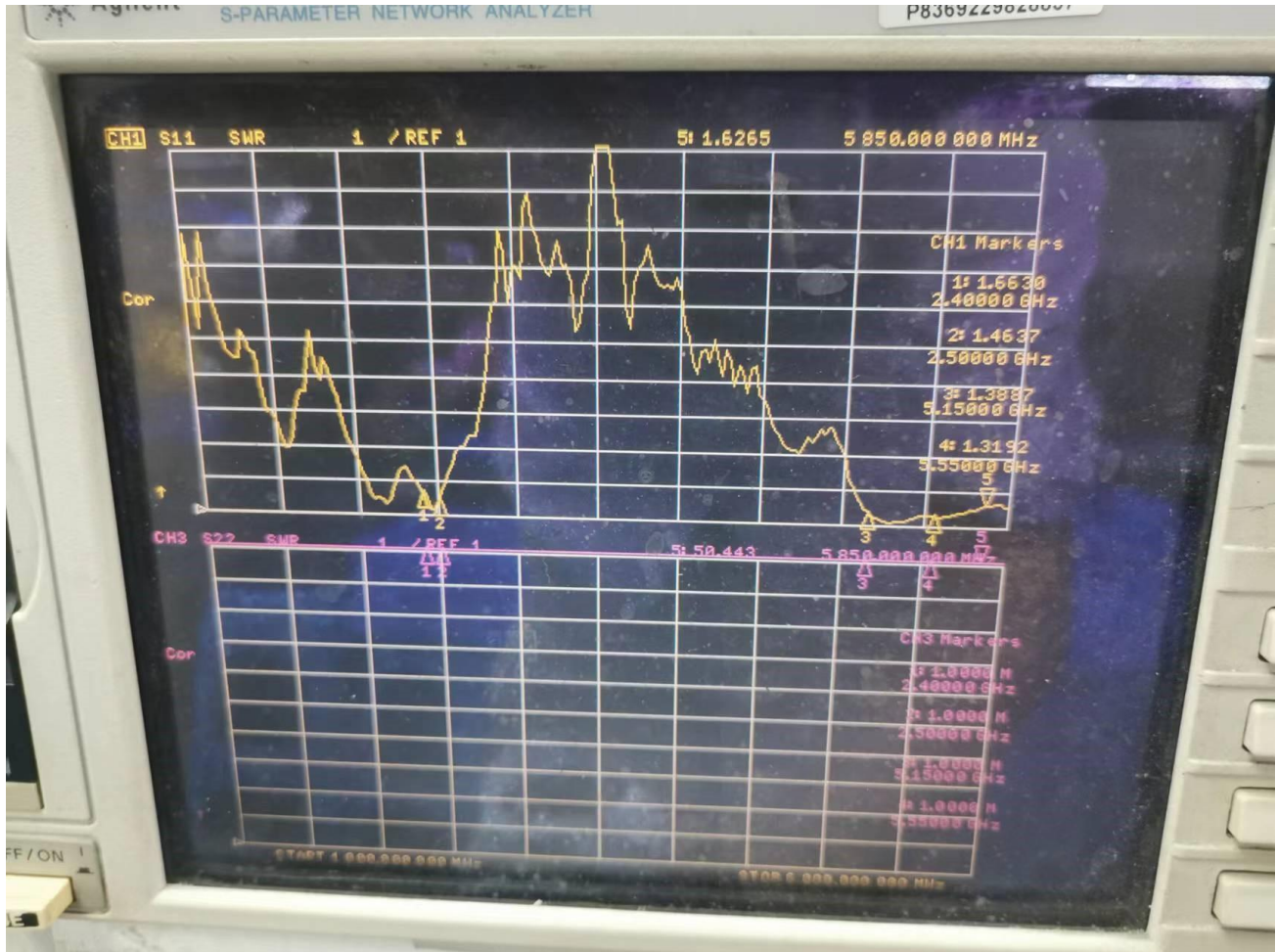
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4、Drawing



## 5、Passive Performance Test Parameters

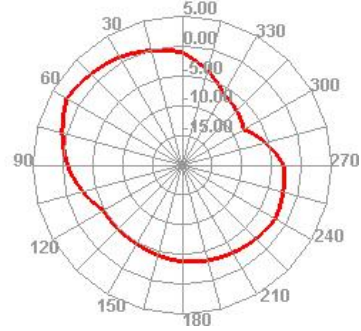
|                |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|
| Frequency(GHz) | 2.4  | 2.45 | 2.5  | 5.15 | 5.55 | 5.85 |
| VSWR           | 1.66 | 1.35 | 1.46 |      |      |      |



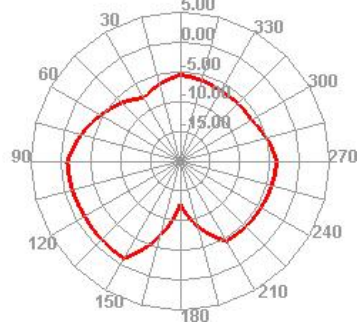
6、 2D and 3D Radiation Patterns

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

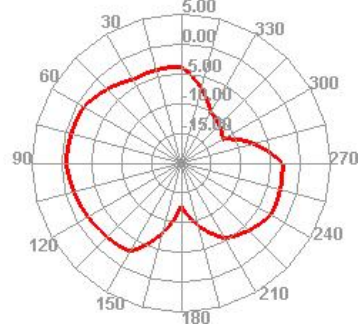
2400.000MHz H



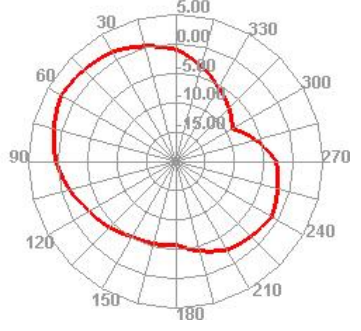
2400.000MHz E1



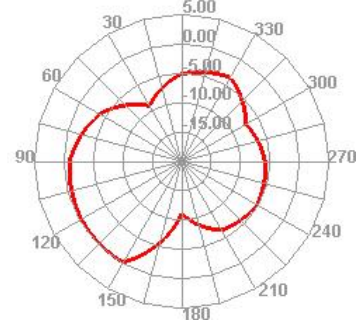
2400.000MHz E2



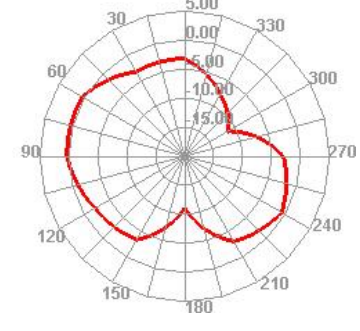
2450.000MHz H



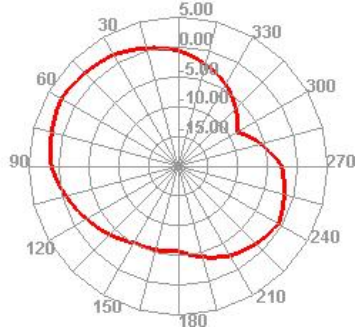
2450.000MHz E1



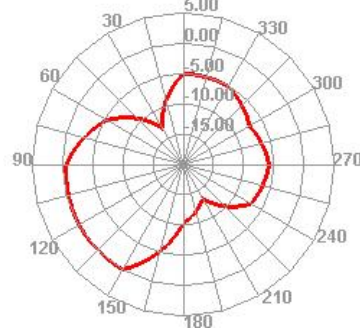
2450.000MHz E2



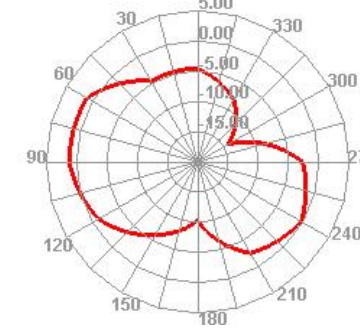
2500.000MHz H



2500.000MHz E1



2500.000MHz E2



## 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℃                      |