

# 常州派维电子科技有限公司

ChangZhouPaiWei Electronics Technology Co., Ltd

## 规格承认书

SPECIFICATION FOR APPROVAL

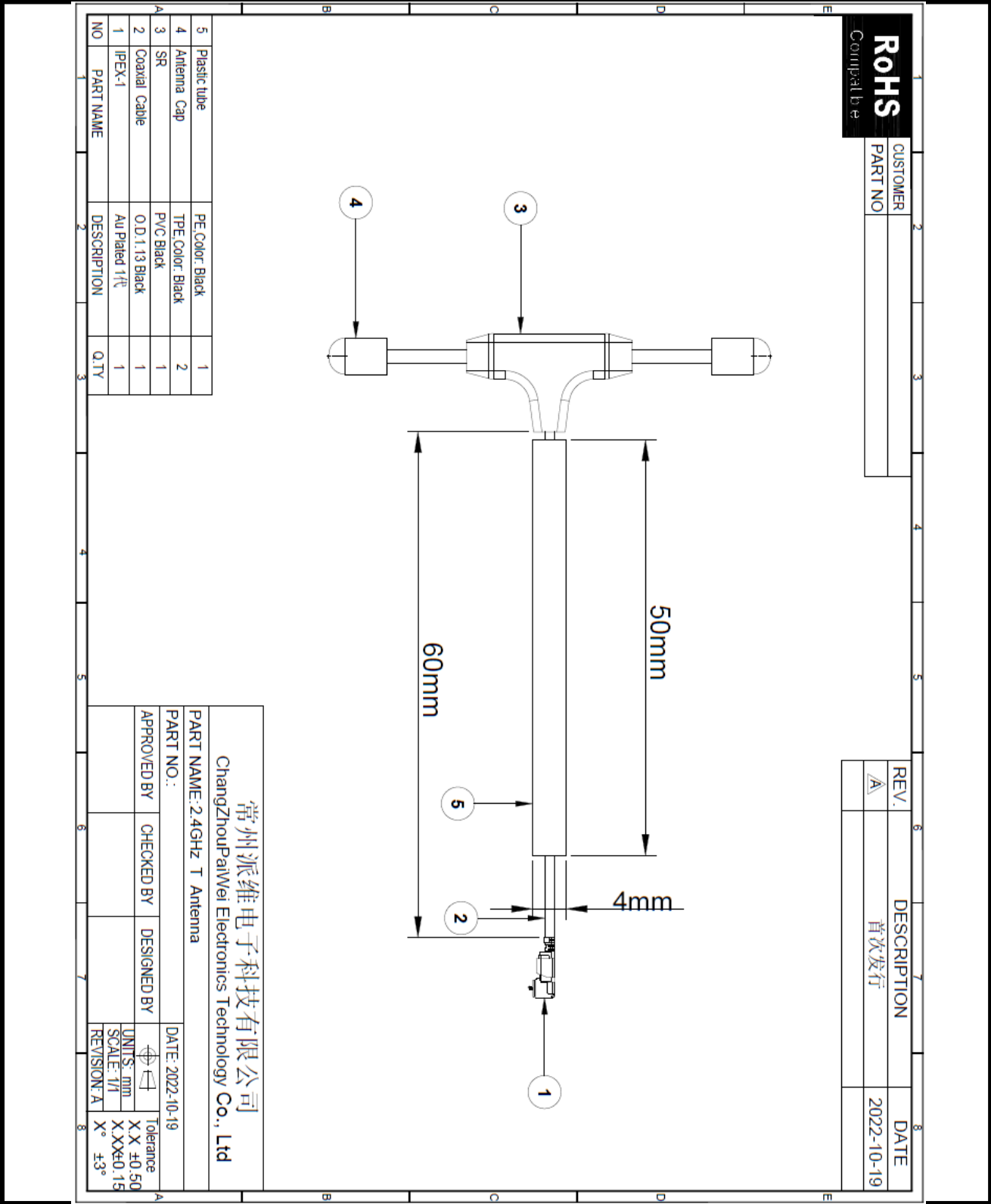
日期 2025/03/06

Date

编号 25030601

# 工程成品图

# Drawing



# 天线规格

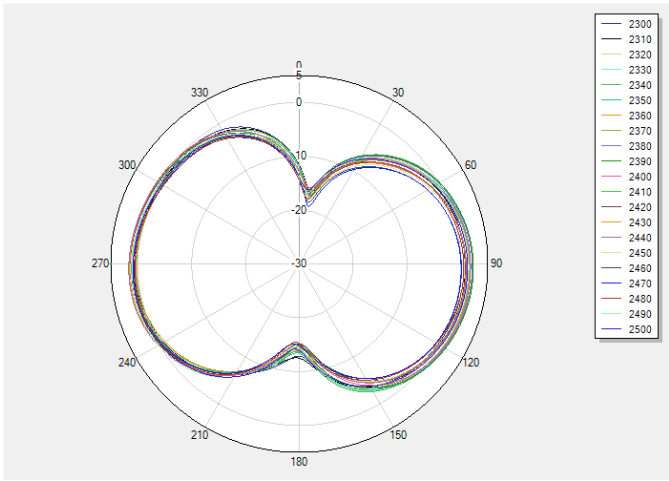
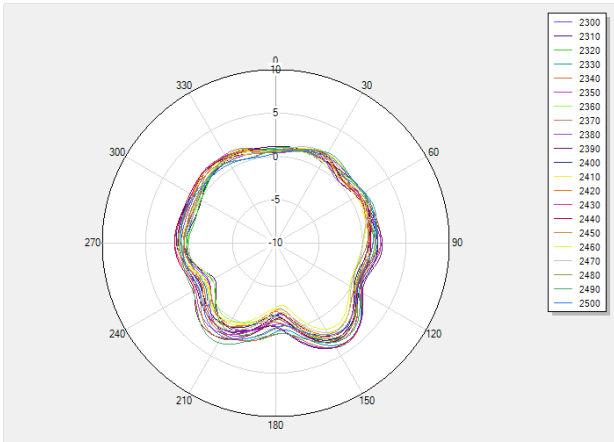
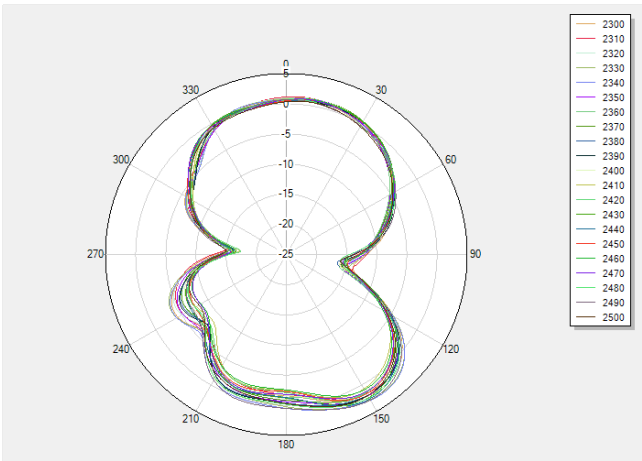
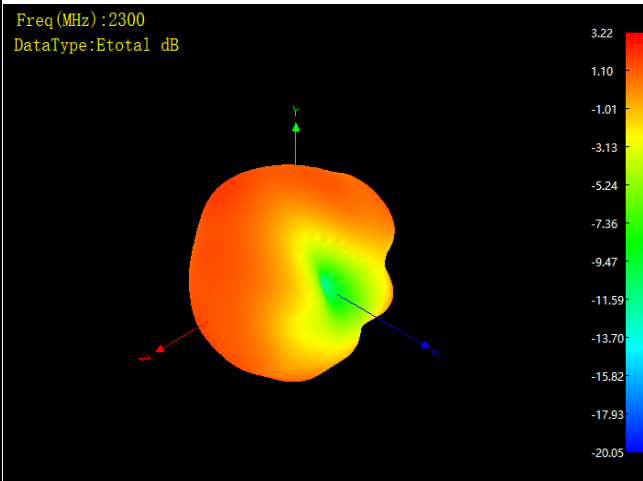
## Antenna Specification

| Electrical Properties |                  |
|-----------------------|------------------|
| Frequency             | 2300~2500MHz     |
| Impedance             | 50 Ohm Nominal   |
| V.S.W.R               | ≤1.5(Max)        |
| Return Loss           | ≤-10(Max)        |
| Radiation             | Omni-directional |
| Gain (Peak)           | ≤2.98dBi(Max)    |
| Polarization          | Linear           |
| Connector             | IPEX             |
| Physical Properties   |                  |
| Antenna Material      | PVC              |
| Cable Type            | O.D.1.13         |
| Operating Temp.       | -10 ~ +60 °C     |
| Storage Temp.         | -10 ~ +70 °C     |
| Cable Color           | black            |

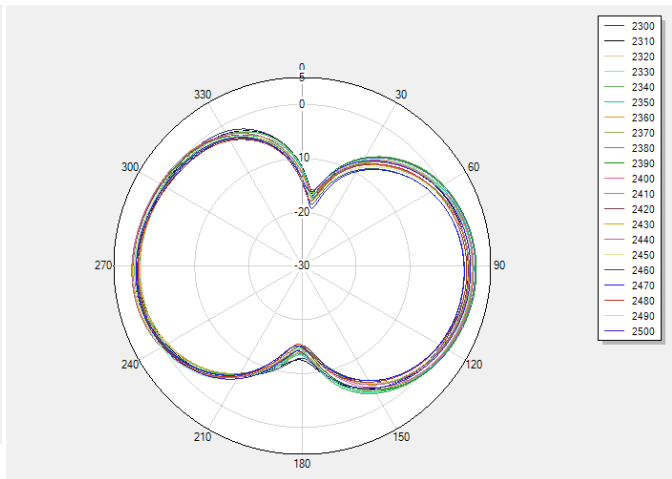
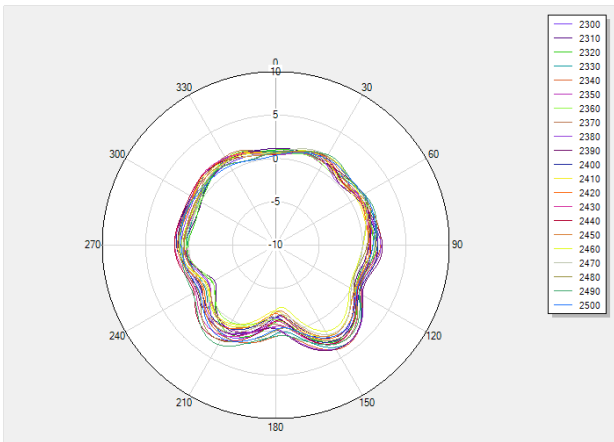
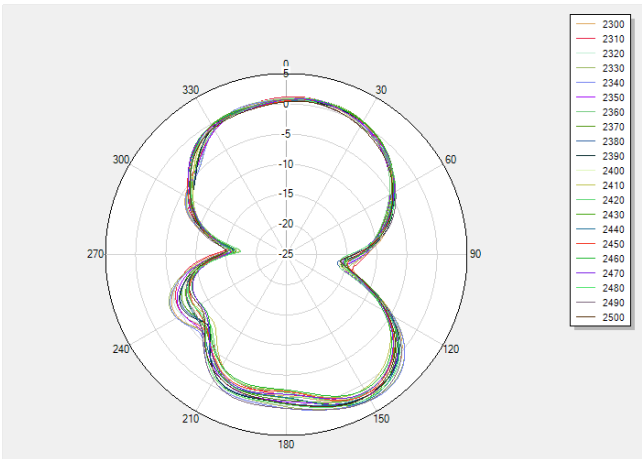
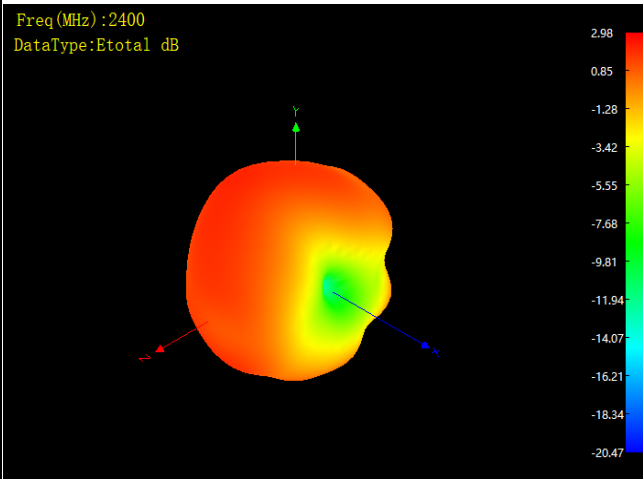
# Passive Test For Antenna(2300/2500Mhz)

| Freq<br>(MHz) | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) |
|---------------|-------------|--------------|---------------|
| 2300          | 83.18       | -0.8         | 3.22          |
| 2310          | 77.45       | -1.11        | 2.75          |
| 2320          | 79.62       | -0.99        | 3.34          |
| 2330          | 84.92       | -0.71        | 4.06          |
| 2340          | 86.9        | -0.61        | 4.27          |
| 2350          | 80.35       | -0.95        | 3.51          |
| 2360          | 76.38       | -1.17        | 3.05          |
| 2370          | 78.89       | -1.03        | 3.47          |
| 2380          | 86.9        | -0.61        | 4.05          |
| 2390          | 89.95       | -0.46        | 3.97          |
| 2400          | 83.95       | -0.76        | 2.98          |
| 2410          | 78.7        | -1.04        | 2.17          |
| 2420          | 81.47       | -0.89        | 2.62          |
| 2430          | 86.3        | -0.64        | 3.21          |
| 2440          | 88.72       | -0.52        | 3.26          |
| 2450          | 81.28       | -0.9         | 2.28          |
| 2460          | 73.62       | -1.33        | 1.9           |
| 2470          | 75.68       | -1.21        | 2.16          |
| 2480          | 82.6        | -0.83        | 3.04          |
| 2490          | 88.1        | -0.55        | 3.57          |
| 2500          | 80.35       | -0.95        | 2.55          |

# Antenna Radiation Pattern



# Antenna Radiation Pattern



# Antenna Radiation Pattern

