



# Antenna Specifications

|                                              |   |
|----------------------------------------------|---|
| 1. Product Performance Parameter Table ..... | 1 |
| 2. Product structure drawings .....          | 2 |
| 3. Product Photos .....                      | 3 |
| 4. Electrical test report .....              | 4 |
| 4.1 Standing wave ratio diagram .....        | 5 |
| 4.2 test data .....                          | 6 |
| 4.3 Directional pattern .....                | 7 |

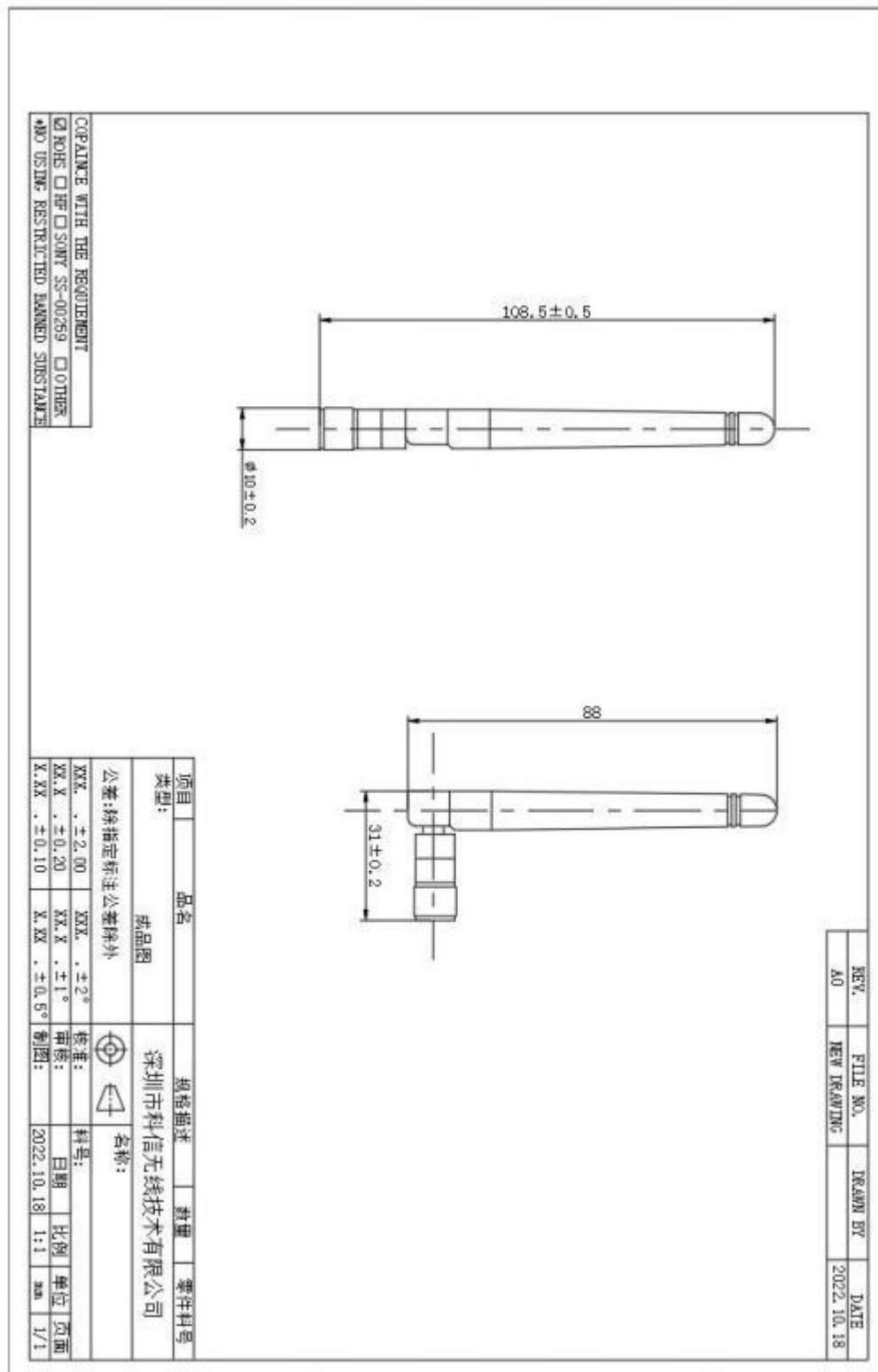


### 一、 Product Performance Parameter Table

| Electrical Specifications     |               |
|-------------------------------|---------------|
| Frequency Range (MHz)         | 2400~2500     |
| Band Width(MHz)               | 100           |
| Input Impendence ( $\Omega$ ) | 50            |
| V.S.W.R                       | $\leq 1.6$    |
| Gain (dBi)                    | $1.5 \pm 0.5$ |
| Polarization Type             | Vertical      |
| Maximum power(W)              | 10W           |
| Vertical lobe Angle (E)       | 28~50°        |
| Water plane lobe Angle (H)    | 360°          |
| Mechanical Specifications     |               |
| Material                      | copper tube   |
| Connect Type                  | SMA-J         |
| Size                          | Ø10* 108mm    |
| Operating Temp                | -20 ~ +65 °C  |
| Storage Temp                  | -30 ~ +75°C   |



### 二、Product structure drawings





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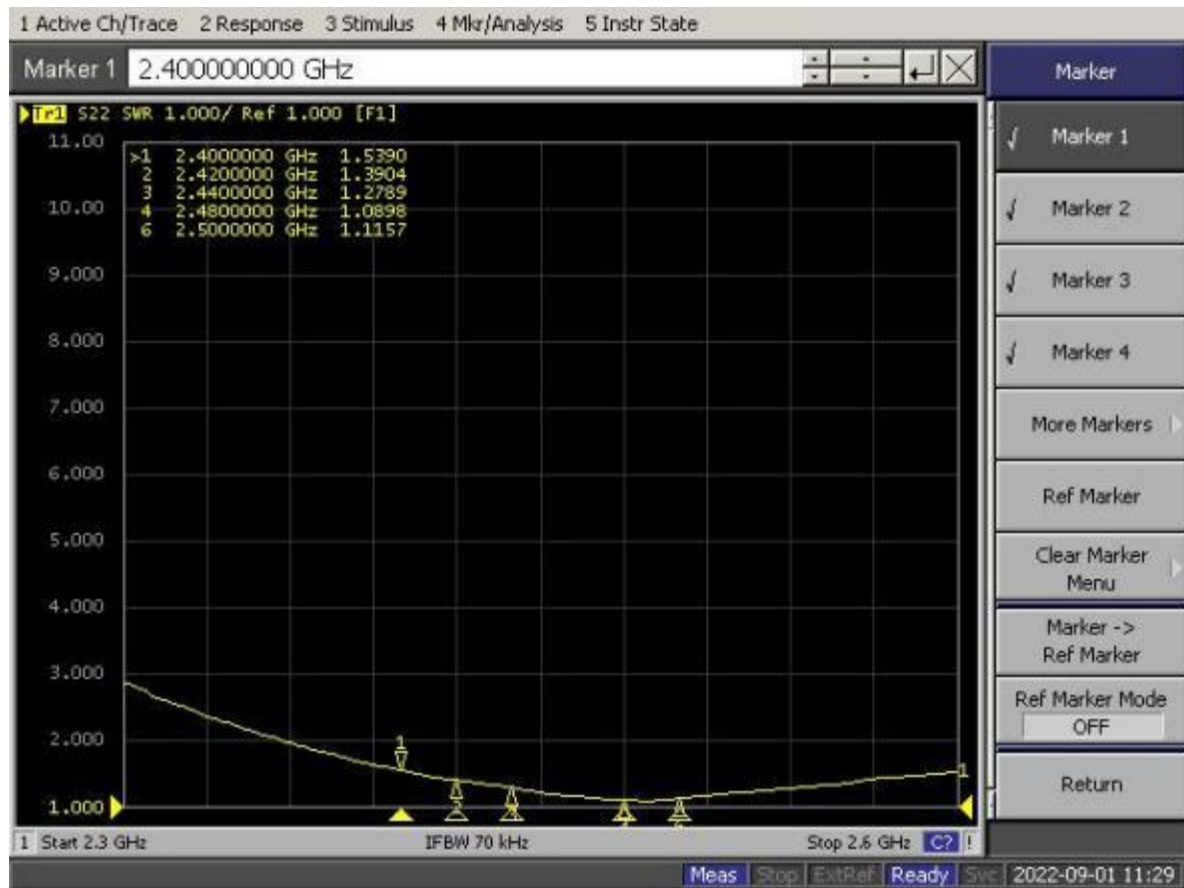
### 三、Product Photos





## 四、Electrical test report

### 4.1 Standing wave ratio diagram





### 4.2 test data

| Frequency (MHz) | Efficiency (%) | Peak GAIN (dBi) |
|-----------------|----------------|-----------------|
| 2400            | 55.86          | 0.99            |
| 2410            | 55.66          | 1.55            |
| 2420            | 54.82          | 0.98            |
| 2430            | 54.35          | 1.06            |
| 2440            | 54.43          | 1.03            |
| 2450            | 54.67          | 0.92            |
| 2460            | 53.77          | 0.71            |
| 2470            | 54.17          | 0.57            |
| 2480            | 56.01          | 0.71            |
| 2490            | 58.26          | 1.09            |
| 2500            | 62.59          | 1.57            |

### 4.3 Directional pattern

