



# Antenna specification

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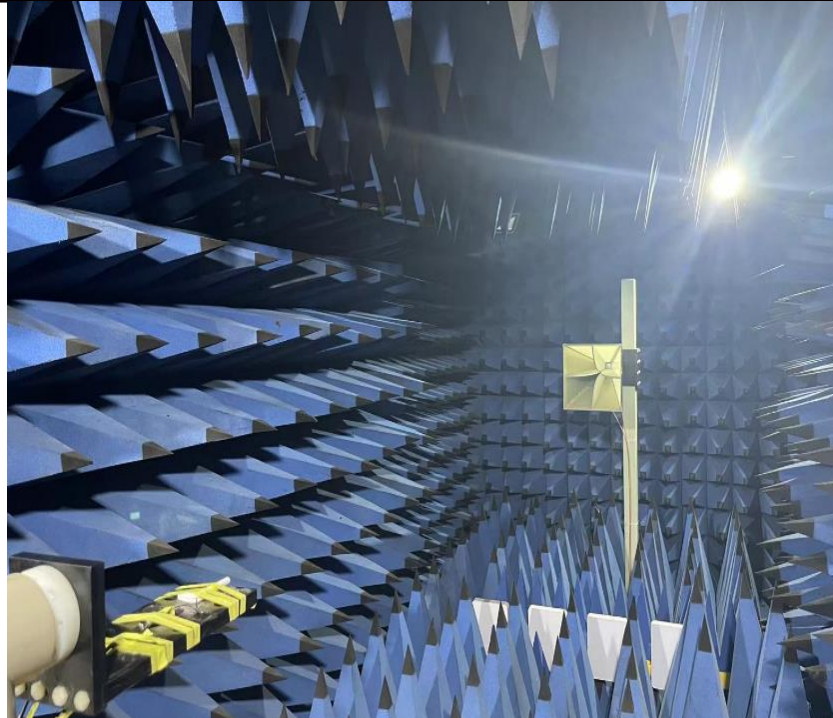
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# 1.Introduction to Project Debugging

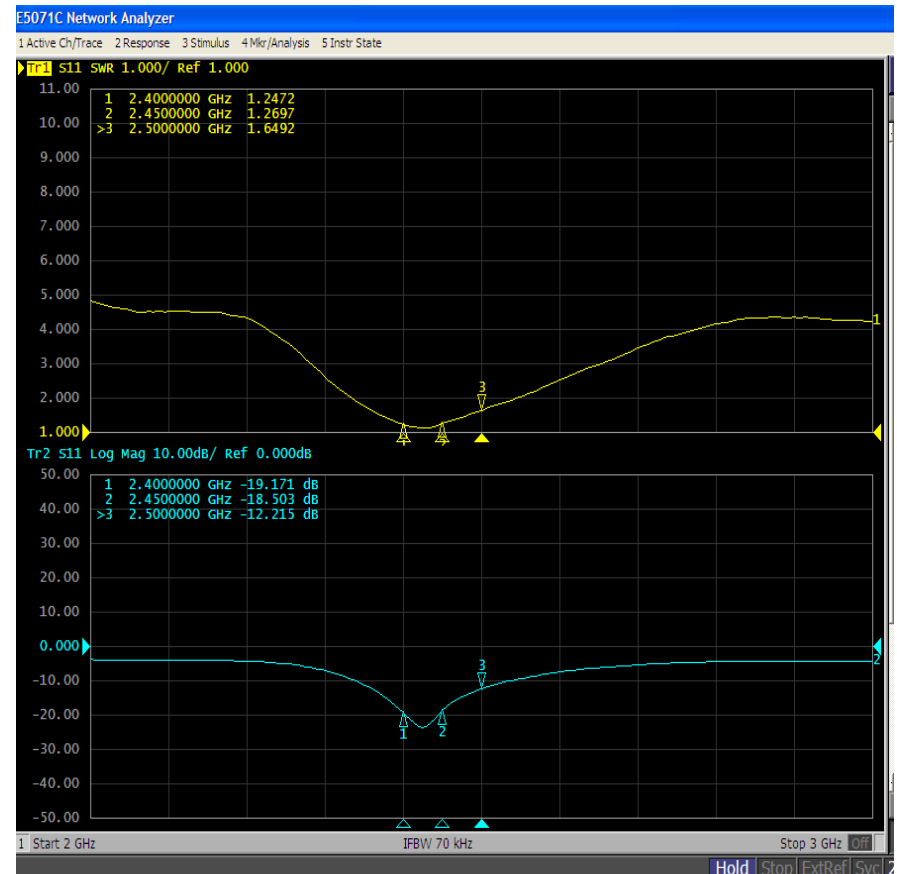
|                  |                |                        |              |                  |                |              |                                      |
|------------------|----------------|------------------------|--------------|------------------|----------------|--------------|--------------------------------------|
| Customer Name    |                | JUXING                 |              | Project Name     |                | BM01         |                                      |
| model            |                | camera                 |              | Antenna material |                | tube antenna |                                      |
| Antenna Overview | Main antenna   | Antenna frequency band |              | Antenna status   | Antenna status | Antenna form | Is the antenna configuration changed |
|                  |                | 2G                     |              |                  |                |              |                                      |
|                  |                | 3G                     |              |                  |                |              |                                      |
|                  |                | 4G                     |              |                  |                |              |                                      |
|                  | Other antennas | WIFI                   | 2400-2500MHz | FPC              | Bottom shell   | PIFA         | NO                                   |
|                  |                |                        |              |                  |                |              |                                      |
|                  |                |                        |              |                  |                |              |                                      |

## 2.testing environment

|                                 |               |
|---------------------------------|---------------|
| Integrated measuring instrument | E5071C        |
| Darkroom                        | No.1 darkroom |
| Testing Engineer                | Dr.Zhou       |
| temperature                     | 25°C          |
| humidity                        | 65% (RH)      |



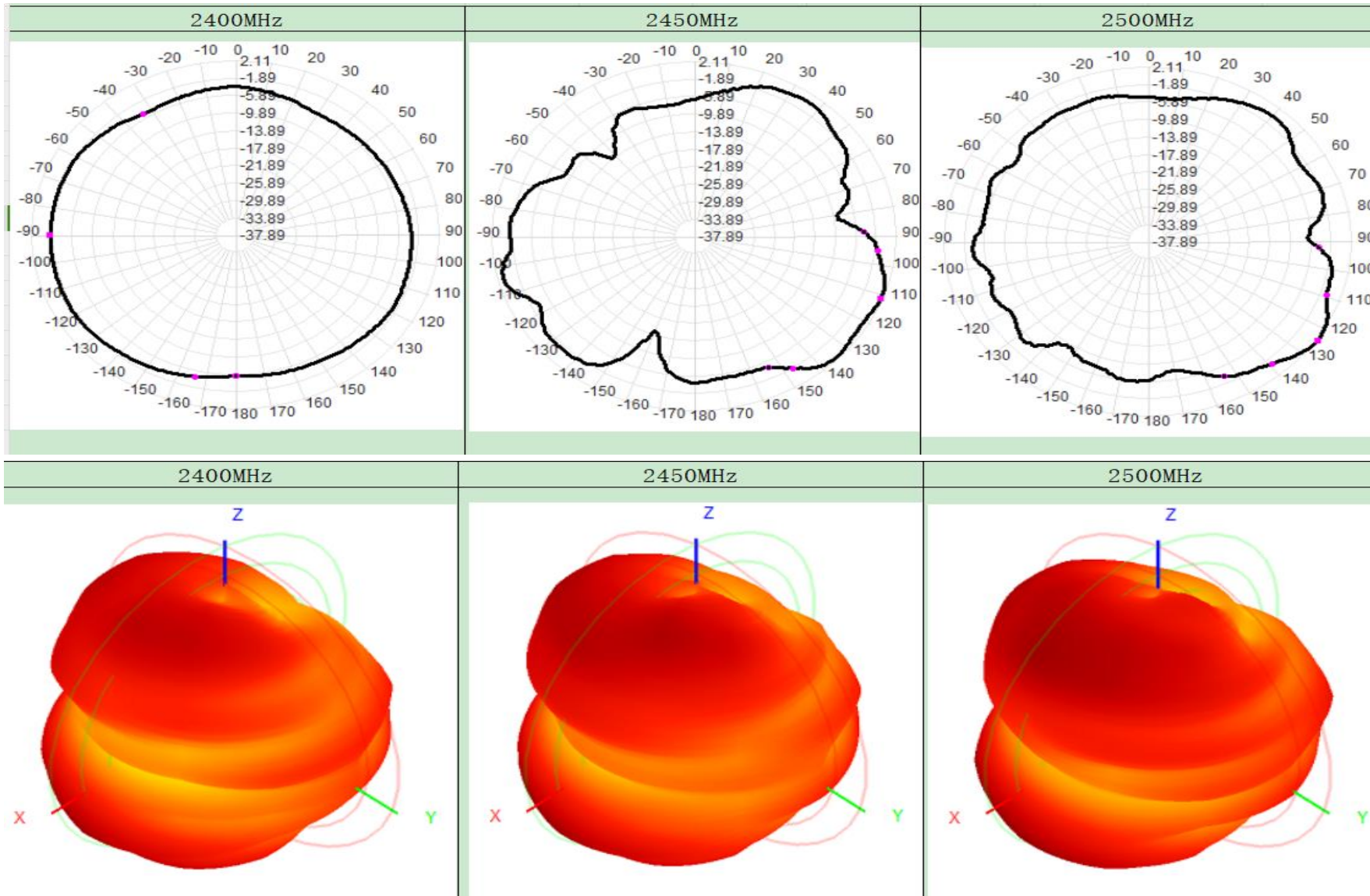
### 3.VSWR Test - Camera



PeakGain(dBi)&Efficiency(%)-Camera

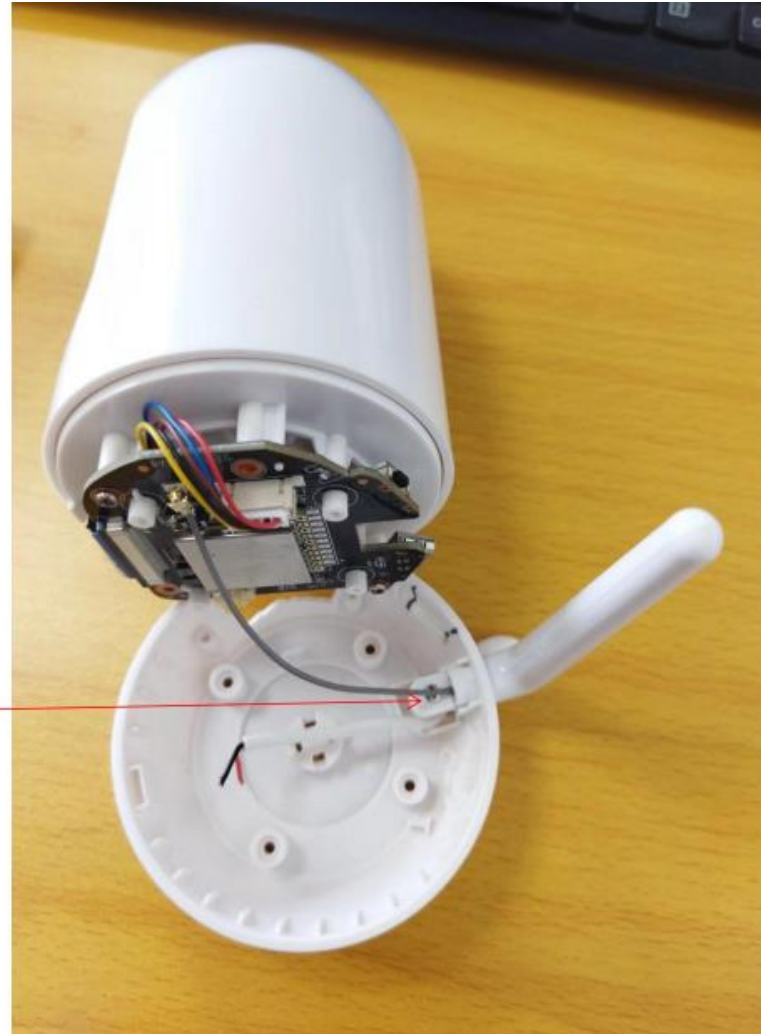
|                 |        |        |        |        |        |        |        |        |        |        |        |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Frequency ID    | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     |
| Frequency (MHz) | 2400.0 | 2410.0 | 2420.0 | 2430.0 | 2440.0 | 2450.0 | 2460.0 | 2470.0 | 2480.0 | 2490.0 | 2500.0 |
| Gain (dBi)      | 2.07   | 2.15   | 2.05   | 2.00   | 2.10   | 2.24   | 1.98   | 1.97   | 1.68   | 1.68   | 1.58   |
| Efficiency (%)  | 51.84  | 53.61  | 53.13  | 53.32  | 53.86  | 55.86  | 53.15  | 54.27  | 51.08  | 50.93  | 50.24  |

# 4. Antenna 2D.3D-Camera



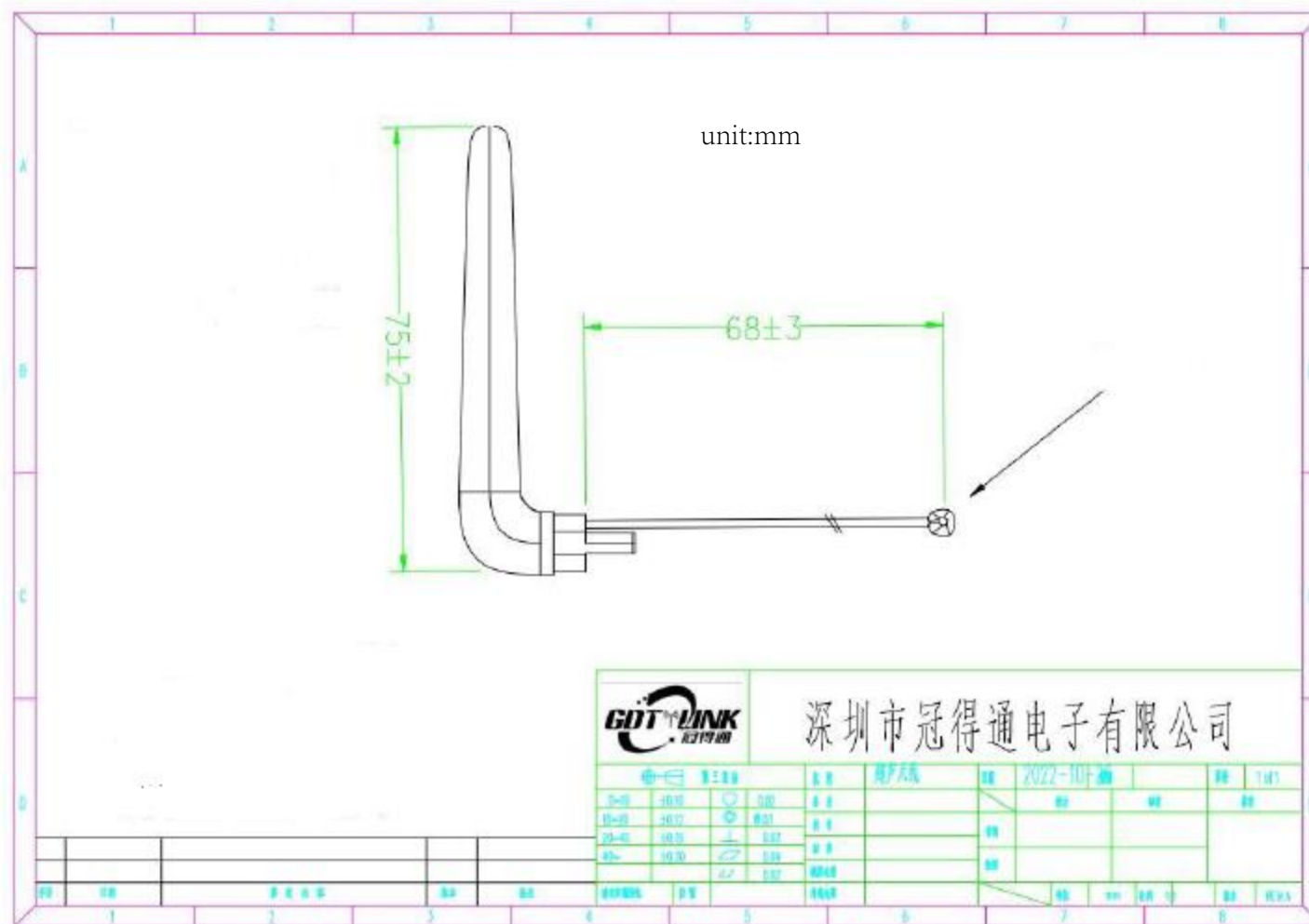
## 5.Camera assembly diagram

1 Antenna assembly position





# uctural drawing



THANK YOU

