

SPECIFICATION FOR APPROVAL

|                   |                           |
|-------------------|---------------------------|
| Customer          | Reolink                   |
| Project Name      | HH2                       |
| Customer NO.      | 54. 07. 001. 0124         |
| specification     | 5G-WIFI ANT: 5150-5850MHZ |
| Supplier NO.      | N12-9277-ROA              |
| Specification NO. |                           |
| Write by          | Hongliang. Zhou           |
| REV.              | Ver.1                     |
| Date              | 2024/04/08                |
| Note              |                           |

|                      |            |             |
|----------------------|------------|-------------|
| CUSTOMER APPROVED BY |            |             |
| Approved by          | Checked by | Prepared by |
|                      |            |             |
| SUPPLIER APPROVED BY |            |             |
| Approved by          | Checked by | Prepared by |
|                      |            |             |

| Record of version changes |                   |         |        |          |
|---------------------------|-------------------|---------|--------|----------|
| Date                      | Content of Change | Version | Change | Prepared |
| 2024. 04. 08              | First sample seal | Ver.1   |        | Zhou     |
|                           |                   |         |        |          |
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## 1. Index

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## 2. Test Equipment & Conditions

**2.1. Network Analyzers :** KEYSIGHT P5002A

**2.2. Communications Test Set:** R&S CMW 500

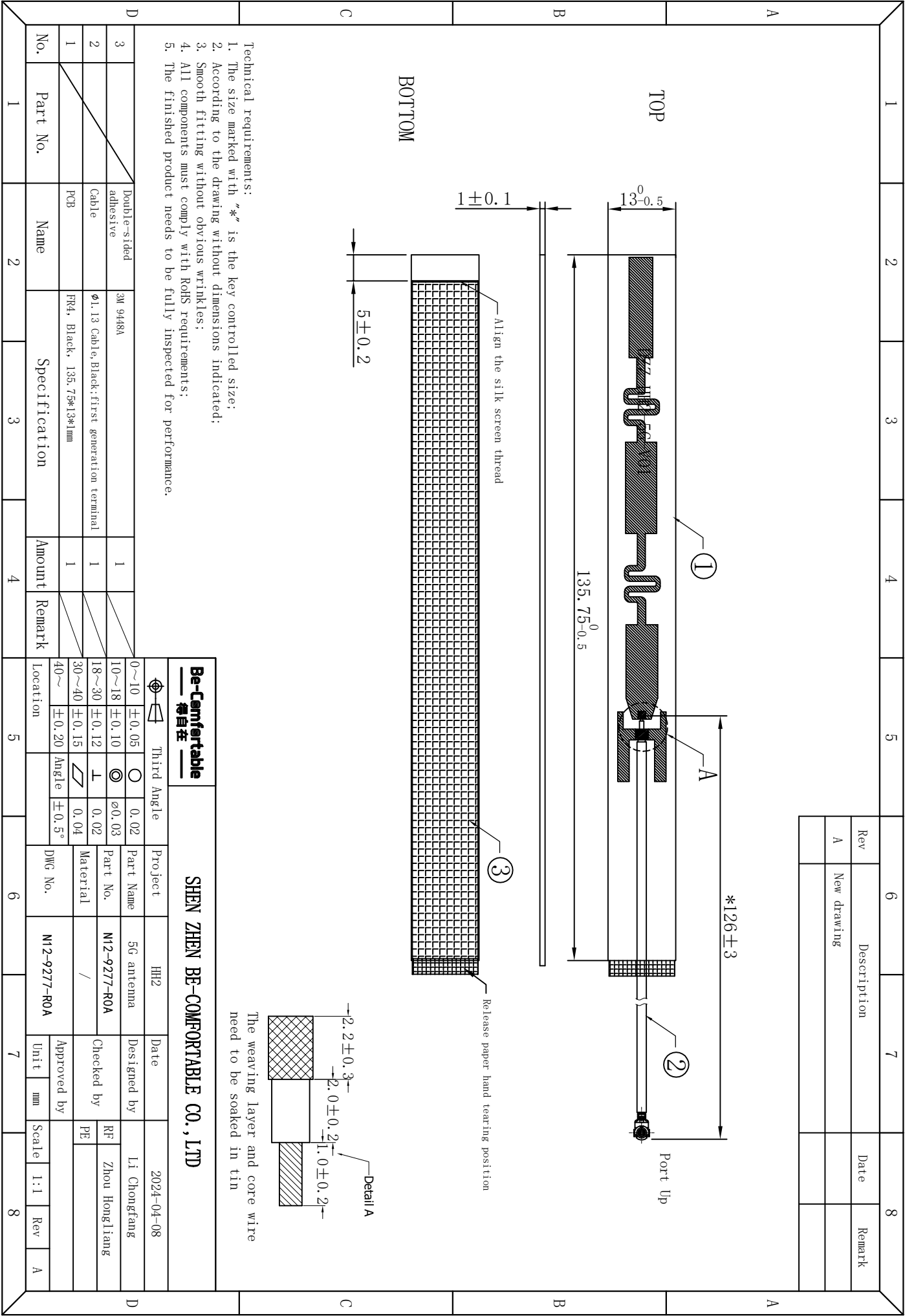
**2.3. 3D Chamber Test System:** 64 Probe Test system



### 3. Mechanical instruction

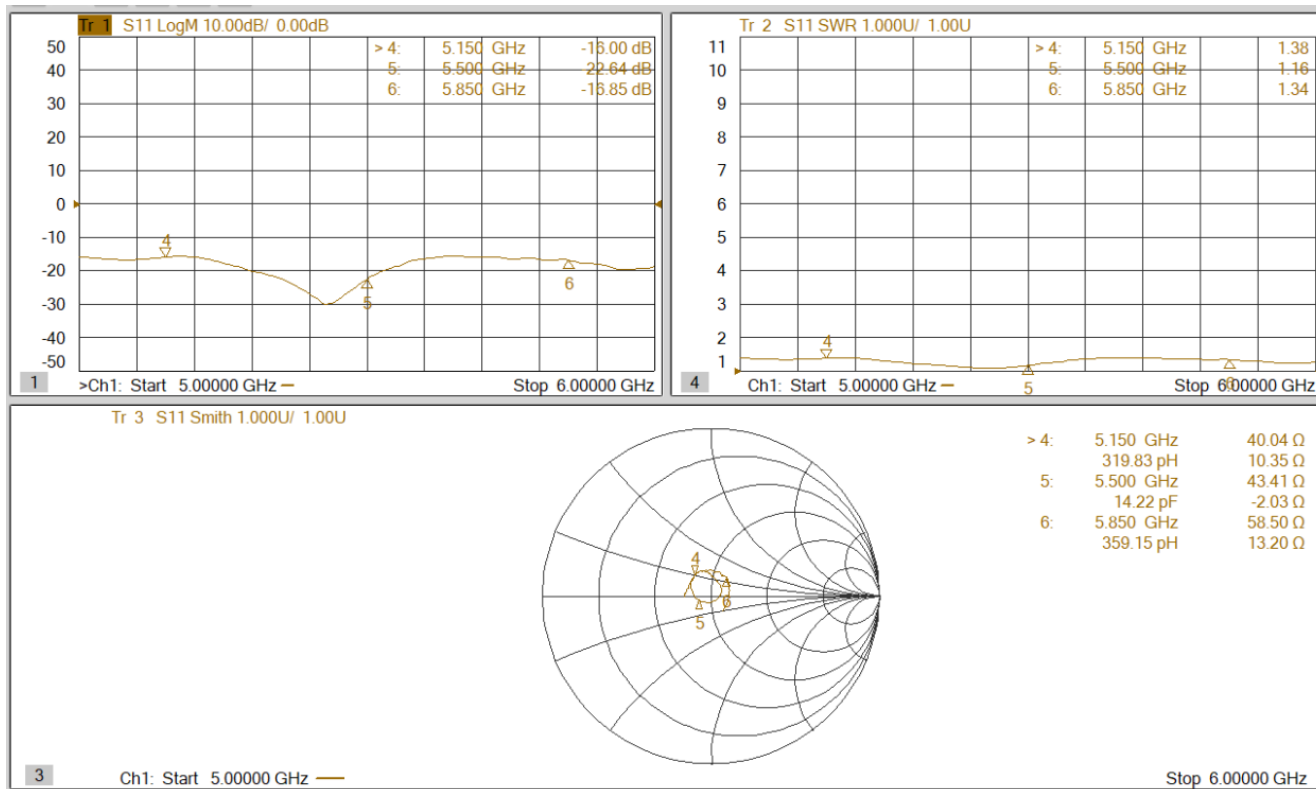


| Rev | Description | Date | Remark |
|-----|-------------|------|--------|
| A   | New drawing |      |        |



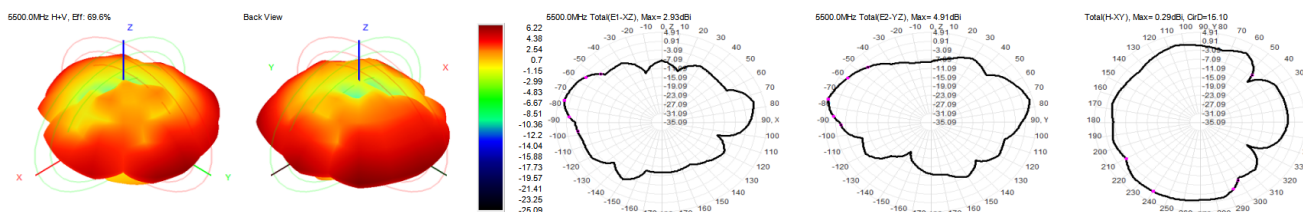
#### 4. S11-WIFI-5.8G-In whole machine:

VSUR:5151/5500/5850MHz three marker<2



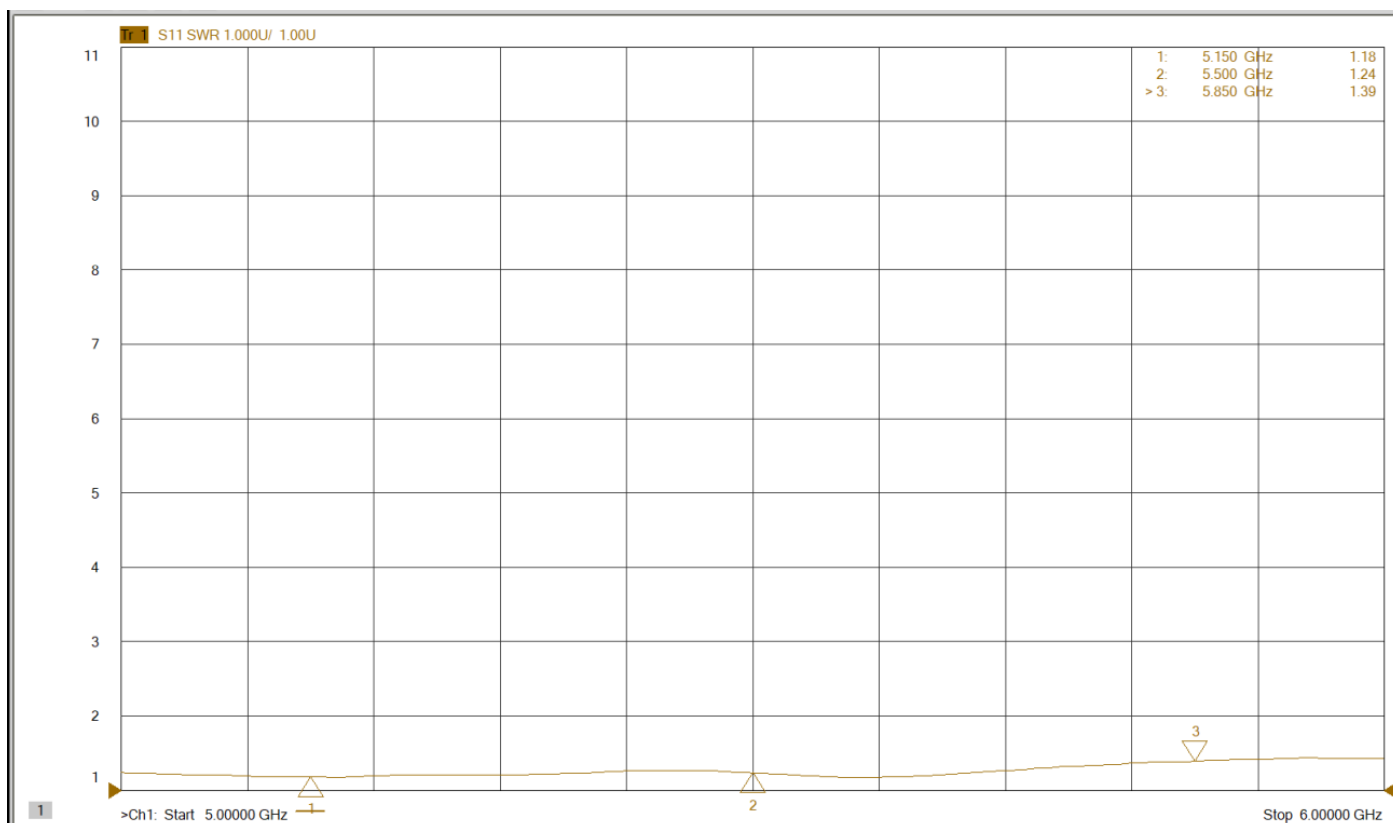
#### 5. Gain & Efficiency& 3D Pattern

| Frequency (MHz) | 5150  | 5200  | 5250  | 5300  | 5350  | 5400  | 5450  | 5500  | 5550  | 5600  | 5650  | 5700  | 5750  | 5800  | 5850  |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Gain (dBi)      | 5.55  | 6.11  | 6.98  | 6.62  | 6.25  | 6.00  | 5.81  | 6.22  | 6.25  | 5.58  | 5.59  | 5.60  | 5.92  | 5.26  | 4.14  |
| Efficiency (%)  | 71.98 | 68.90 | 71.77 | 64.76 | 67.55 | 68.11 | 68.35 | 69.59 | 69.35 | 69.08 | 70.05 | 72.33 | 72.80 | 73.25 | 75.17 |



#### 4. S11-WIFI-5.8G-ANT only:

VSWR:5151/5500/5850MHz three marker<2.5





# Packaging method

DATE: 2024-04-08

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Name : 5G antenna

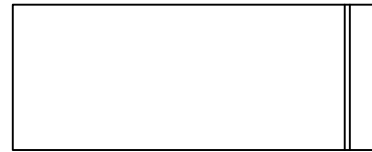
Edition: A

Customer: Reolink

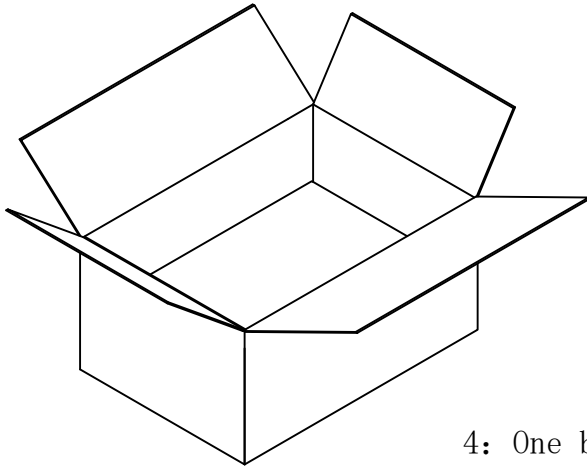
1: Antenna



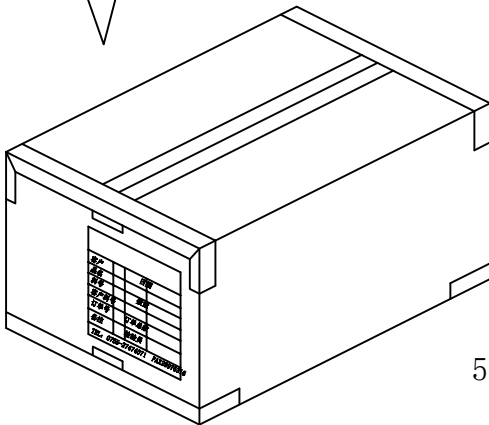
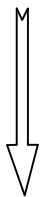
2: 50 PCS Antenna in a small bag.



3: 10 PCS Antenna in a big bag.



4: One box for every 10 package, (subject to the actual packaging).



5: Seal the box and paste our priduction label on the outer box.

Approval: \_\_\_\_\_

Confirm: \_\_\_\_\_

Fiction: Li Chongfang