

SPECIFICATION FOR APPROVAL

Customer	<u>Reolink</u>
Project Name	HH2
Customer NO.	54. 07. 001. 0123
specification	2G-WIFI ANT: 2400-2500MHZ
Supplier NO.	N12-9276-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

1. Index

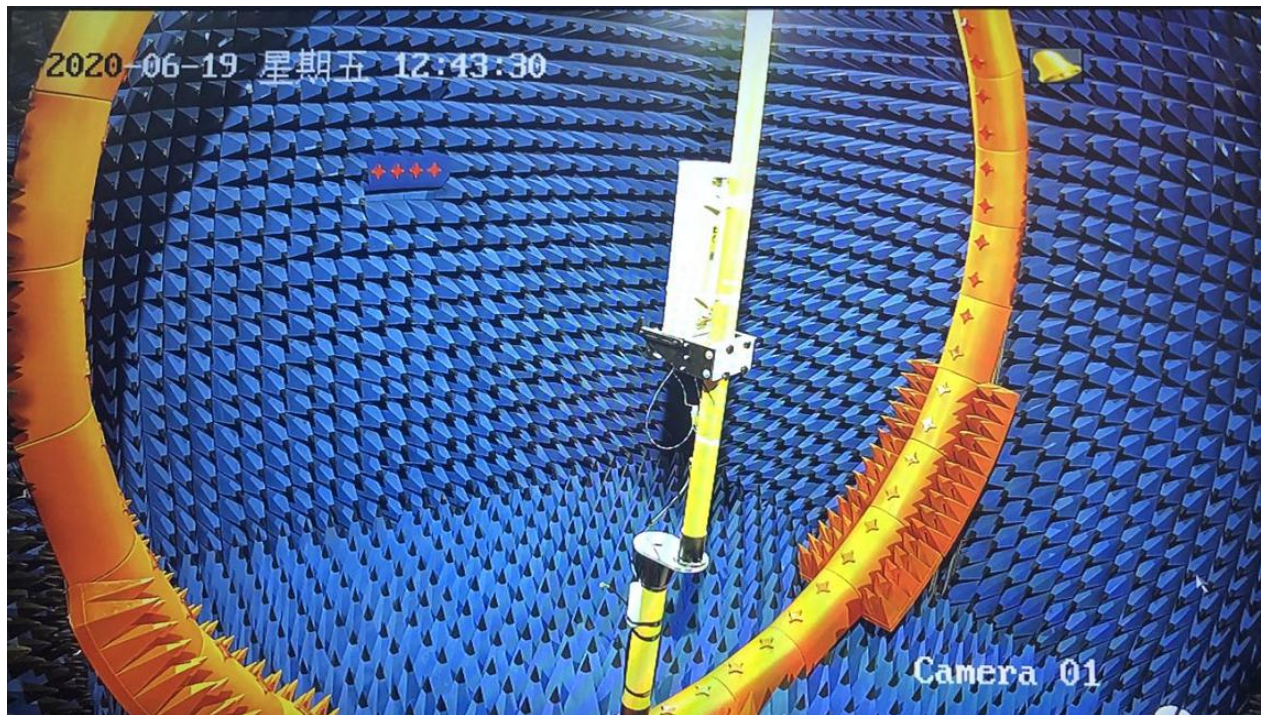
Serial No.	Content	Page
—	Cover	1
—	Change Records	2
1	List of items	3
2	Test Equipment & Conditions	4
3	Mechanical instruction	5
4	S11	7
5	Gain & Efficiency& 3D Pattern	8
6	Packaging	9

2. Test Equipment & Conditions

2.1. Network Analyzers : KEYSIGHT P5002A

2.2. Communications Test Set: R&S CMW 500

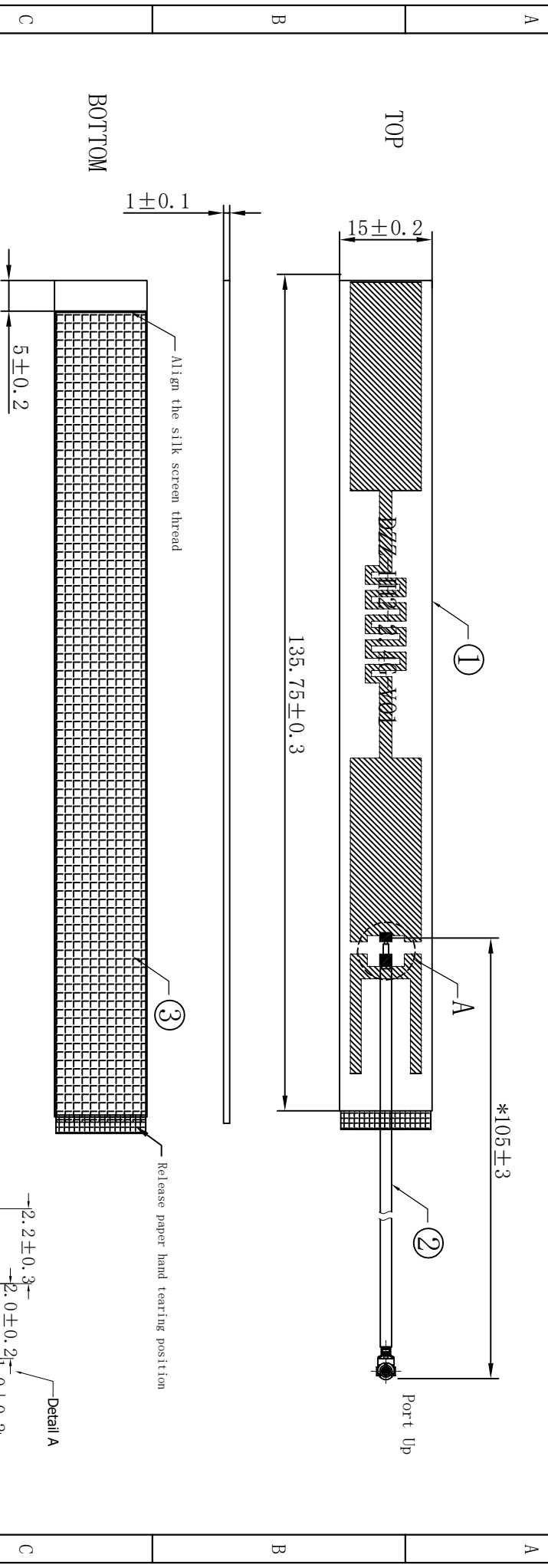
2.3. 3D Chamber Test System: 64 Probe Test system



3. Mechanical instruction



Rev	Description	Date	Remark
A	New drawing		



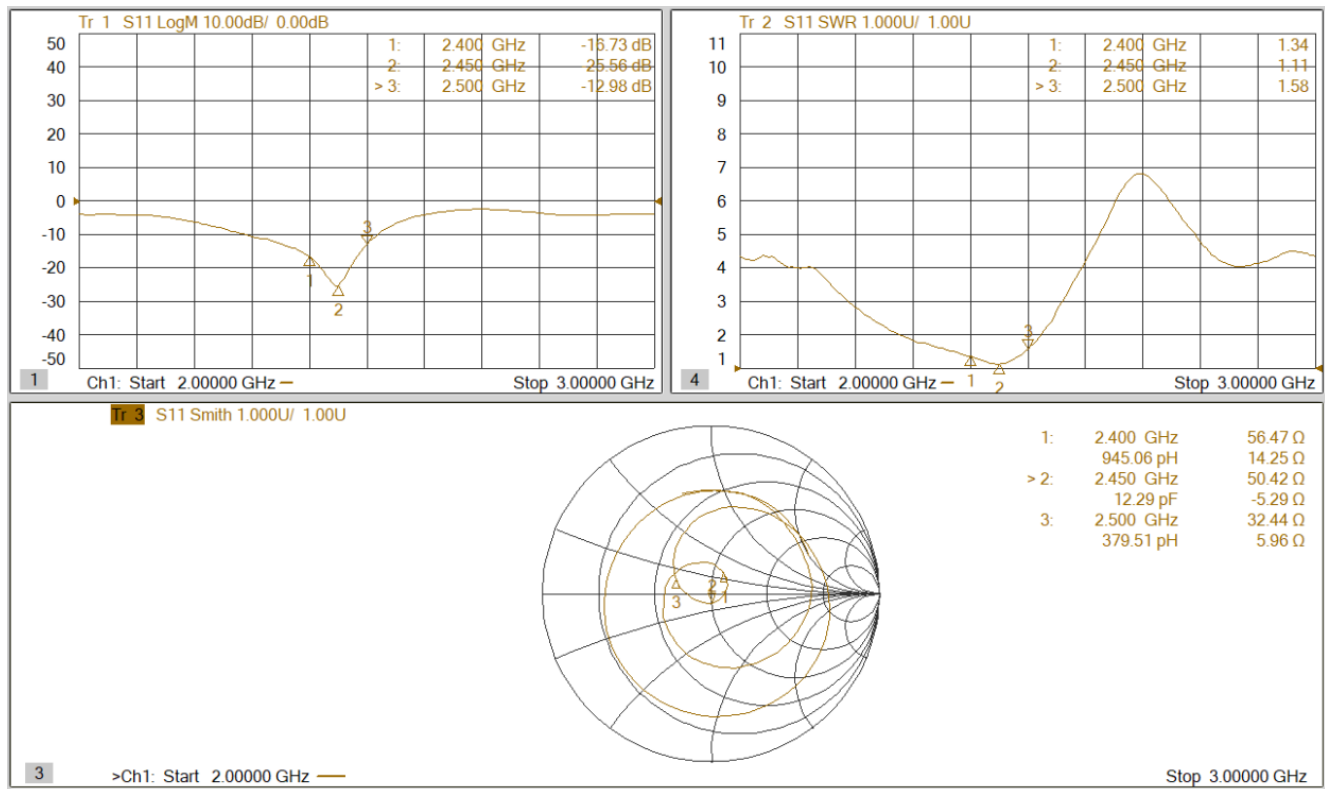
- Technical requirements:
1. The size marked with "*" is the key controlled size;
 2. According to the drawing without dimensions indicated;
 3. Smooth fitting without obvious wrinkles;
 4. All components must comply with RoHS requirements;
 5. The finished product needs to be fully inspected for performance.

No.	Part No.	Name	Specification	Amount	Remark
3		Double-sided adhesive	3M 9448A	1	
2		Cable	Ø1.13 Cable, gray first generation terminal	1	
1		PCB	FR4, Black, 136.75*15*1mm	1	
1					

Project	HH2	Date	2024-04-08
Part Name	2.4G antenna	Designed by	Li Chongfang
Part No.	N12-9276-R0A	Checked by	RF Zhou Hongliang
Material	/	PE	
DWG No.	N12-9276-R0A	Approved by	
Unit	mm	Scale	1:1
Rev	A	Rev	A

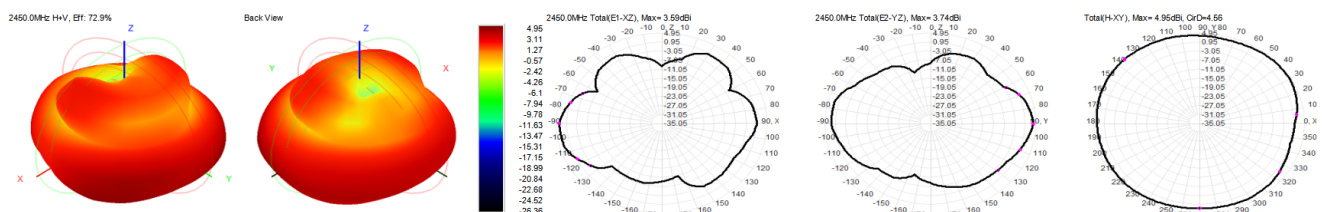
4. S11-WIFI-2.4G-In whole machine:

VSWR:2400/2450/2500MHz three marker <2



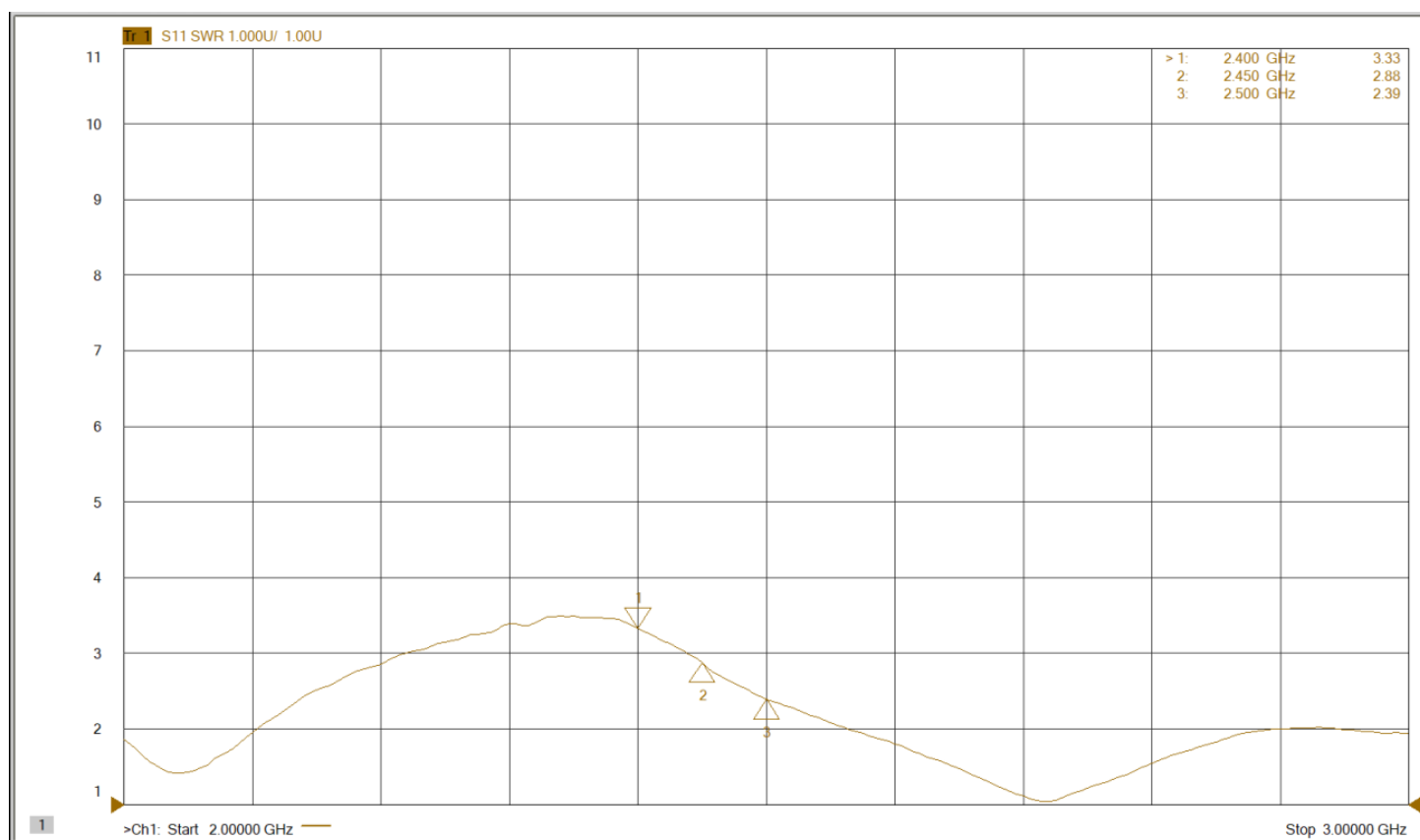
5. Gain & Efficiency& 3D Pattern

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	6.62	6.44	6.48	6.10	5.76	4.95	4.55	3.71	3.43	3.20	3.15
Efficiency (%)	72.84	75.61	76.42	77.16	74.70	72.94	72.35	72.73	72.97	72.81	72.34



4. S11-WIFI-2.4G-ANT only:

VSWR:2400/2450/2500MHz three marker<4



Packaging method

DATE: 2024-04-08

page: 1 of 1

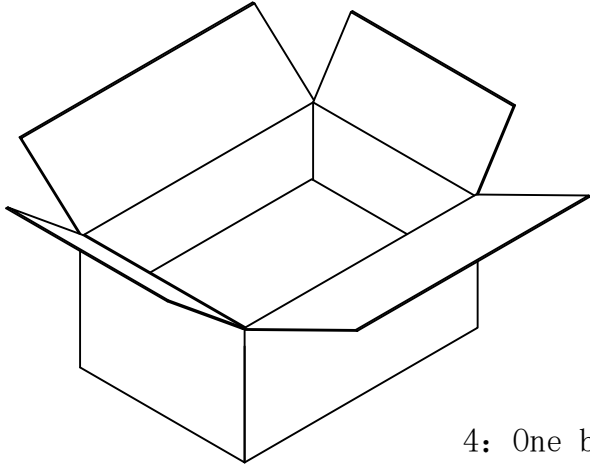
Name : 2.4G antenna	Edition: A
	Customer:Reolink

1: Antenna

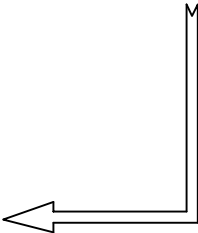


2: 50 PCS Antenna in a small bag.

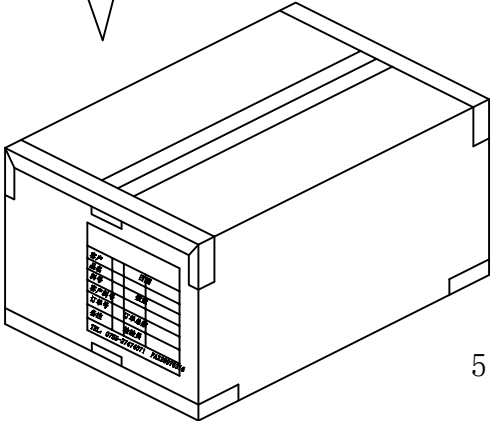




3: 10 PCS Antenna in a big bag.



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