

SPECIFICATION FOR APPROVAL

Customer	Reolink
Project Name	DBB1
Customer NO.	54. 07. 001. 0128
specification	Housing Antenna Assembly
Supplier NO.	F01-6837-R0A
Specification NO.,	
Write by	Hongliang. Zhou
REV.	Ver.1
Date	2024/03/21
Note	

CUSTOMER APPROVED BY		
Approved by	Checked by	Prepared by
SUPPLIER APPROVED BY		
Approved by	Checked by	Prepared by
李从放	周洪亮	张斌

Record of version changes				
Date	Content of Change	Version	Change	Prepared
2024. 03. 21	First sample seal	Ver.1		Zhou

1. Index

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2. Test Equipment & Conditions

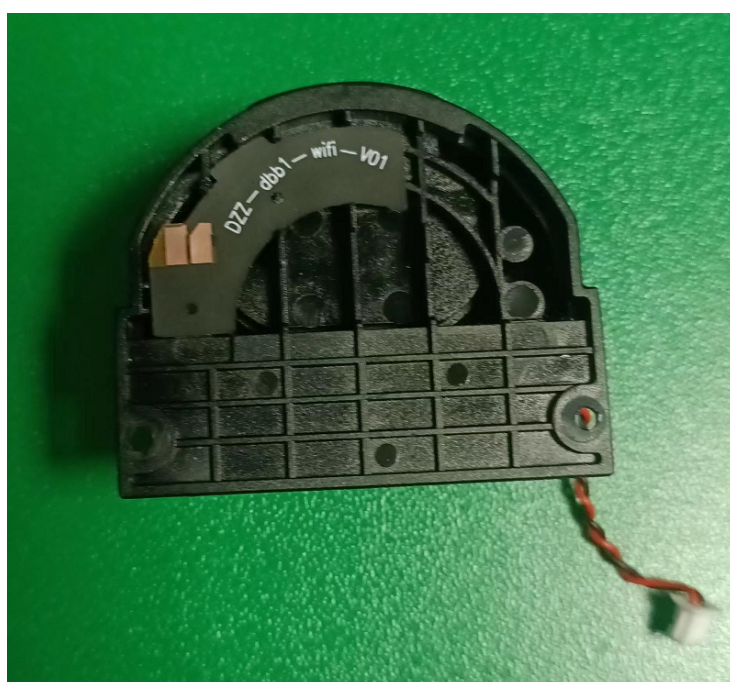
2.1. Network Analyzers : KEYSIGHT P5002A

2.2. Communications Test Set: R&S CMW 500

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

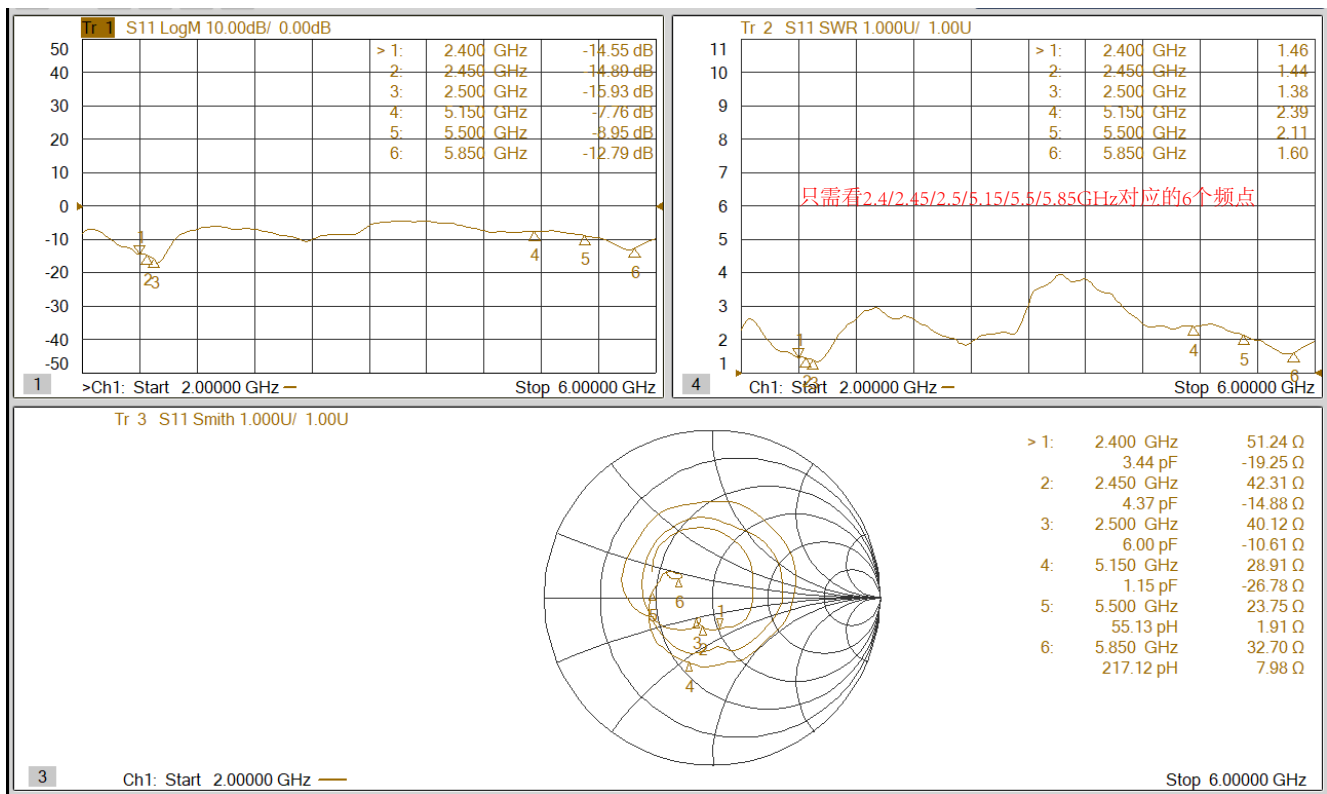


3. Mechanical instruction



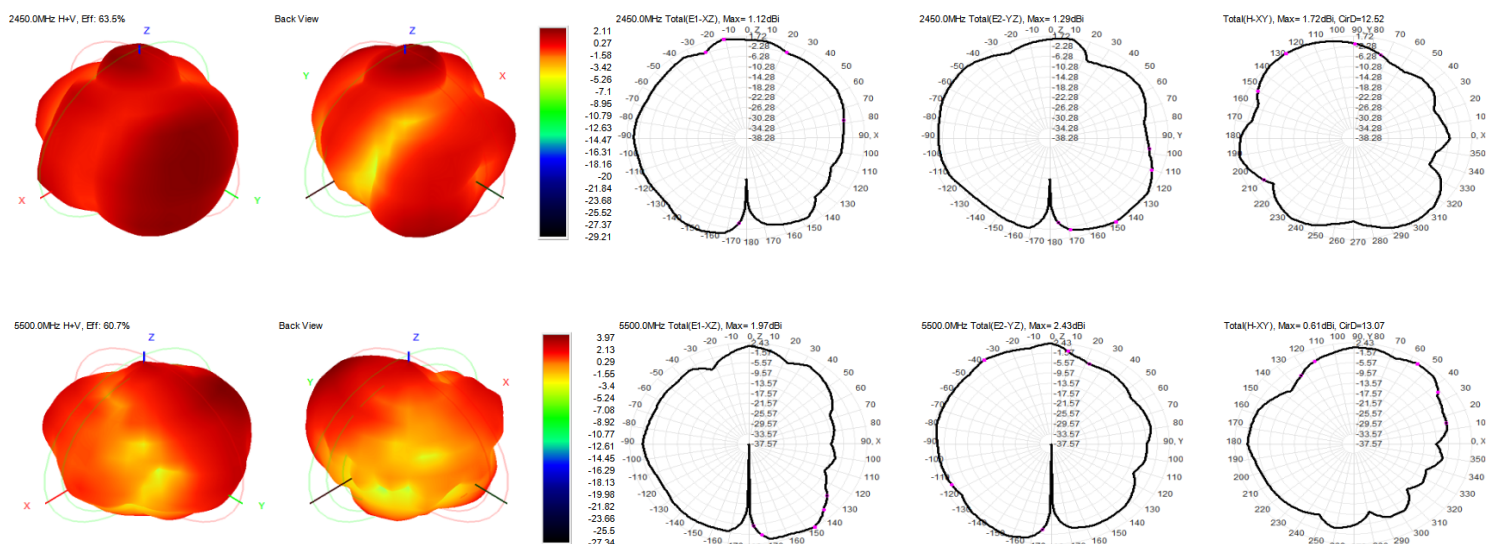
1		2		3		4		5		6		7		8	

4. S11-WIFI:In whole machine Antenna standing wave less than 3.0



5. Gain & Efficiency& 3D Pattern

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)	2.39	2.55	2.42	2.36	2.15	2.11	2.34	2.46	2.34	2.39	2.45				
Efficiency (%)	64.06	67.77	67.36	65.78	63.58	63.50	63.75	65.74	66.08	62.75	60.44				
Frequency (MHz)	5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
Gain (dBi)	2.53	2.58	2.63	2.85	2.94	2.98	3.60	3.97	3.66	3.79	4.35	4.57	4.47	4.54	4.26
Efficiency (%)	53.71	53.87	54.52	55.01	57.35	59.04	59.77	60.71	60.99	62.02	63.00	63.42	64.19	65.11	64.54



6. OTA TEST

OTA TEST				
		1	6	11
b	TRP	14.42	14.51	14.37
	TIS	-84.89	-84.76	-84.17
g	TRP	12.32	12.61	12.82
	TIS	-72.22	-72.17	-72.28
n	TRP	12.25	12.45	12.16
	TIS	-70.9	-71.13	-70.13
		36	149	165
a	TRP	12.38	12.46	12.8
	TIS	-72.18	-72.39	-72.5

Packaging method

DATE: 2022-03-01

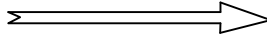
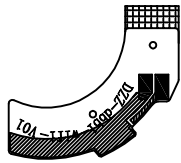
page: 1 of 1

Name : WIFI-FPC

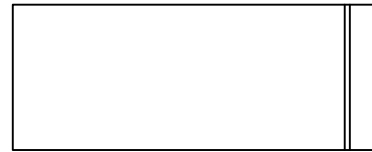
Edition: A

Customer: Reolink

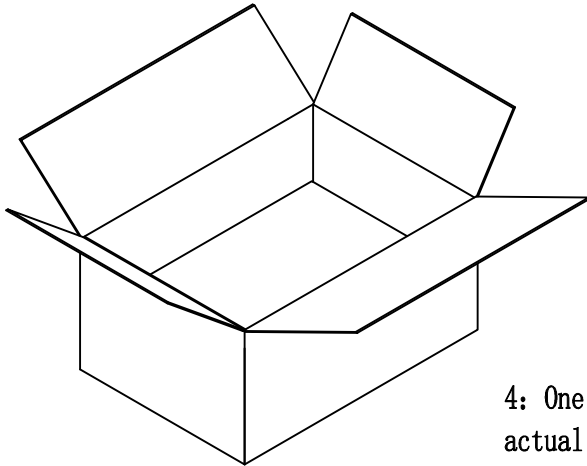
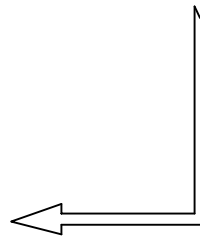
1: Antenna



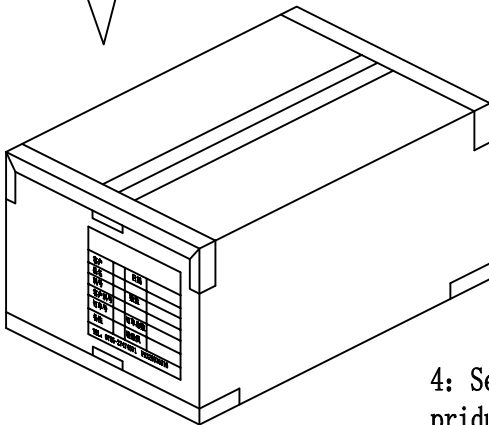
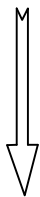
2: 100 PCS Antenna in a small bag.



3: 10 pcs in a big bag



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



4: Seal the box and paste our production label on the outer box.

Approval: _____

Confirm: _____

Fiction: 李从放