



Antenna Datasheet

Material coding of TOZED:

Material name of TOZED: W19B6VM

Specifications of TOZED:

Supplier:

Supplier material specifications: N12-9624-R0A

	Preparation	Comfirm	Approval	Stamp
Countersign				

TOZED	Purchasing Dept.	R&D Dept.	Marketing Dept.	Engineering Dept.	Quality Dept.
Countersign					
Approval					

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Fax: 0755-83305362

Antenna Datasheet

Customer	TOZED
Project Name	W19B6VM
Customer NO.	
Specification	2.4/5.8G-2
Supplier NO.	N12-9624-R0A
Specification NO.	
Write by	ZHANG BING
REV.	Ver.1
Date	2025/08/26
Note	

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

1. Index

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Notes:

Mass order will be produced and inspected base on signed samples and specification sheet is for reference only. Specification sheet and samples are acceptable by default if not counter-signed back.

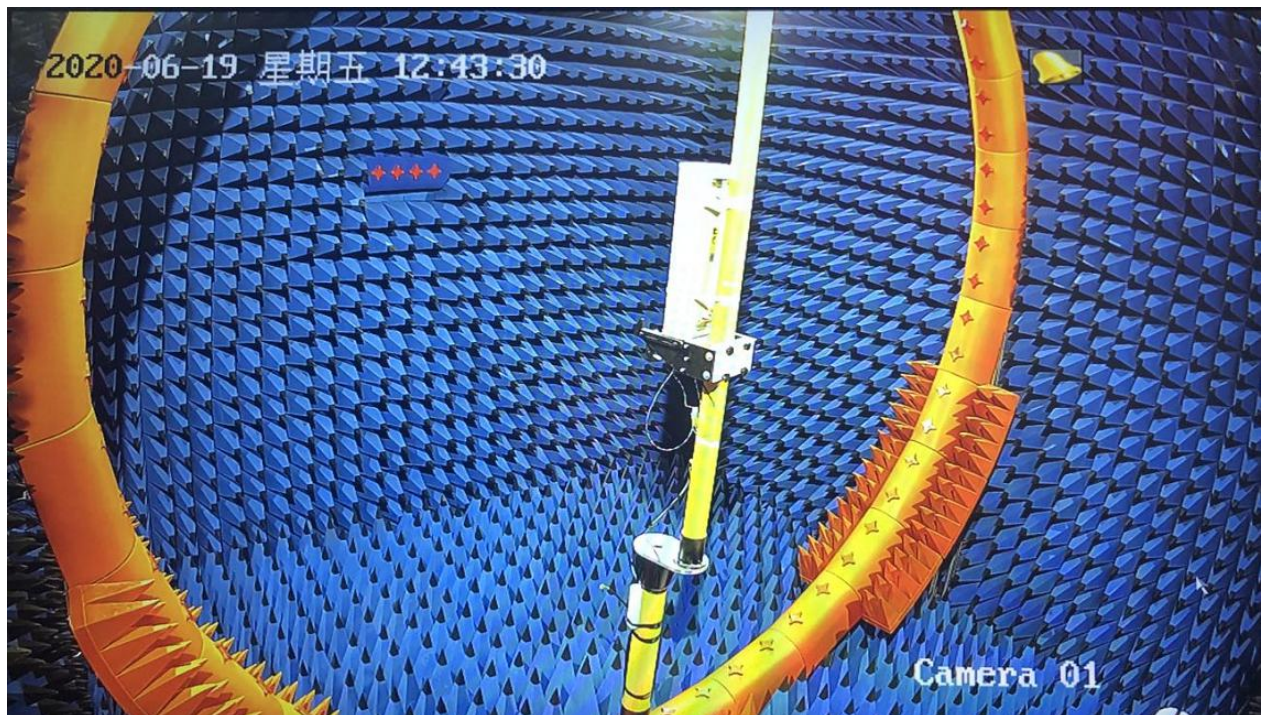
Packaging way: Carton, Delivery to company.

2. Test Equipment & Conditions

2.1. Network Analyzers : KEYSIGHT P5002A

2.2. Communications Test Set: R&S CMW 500

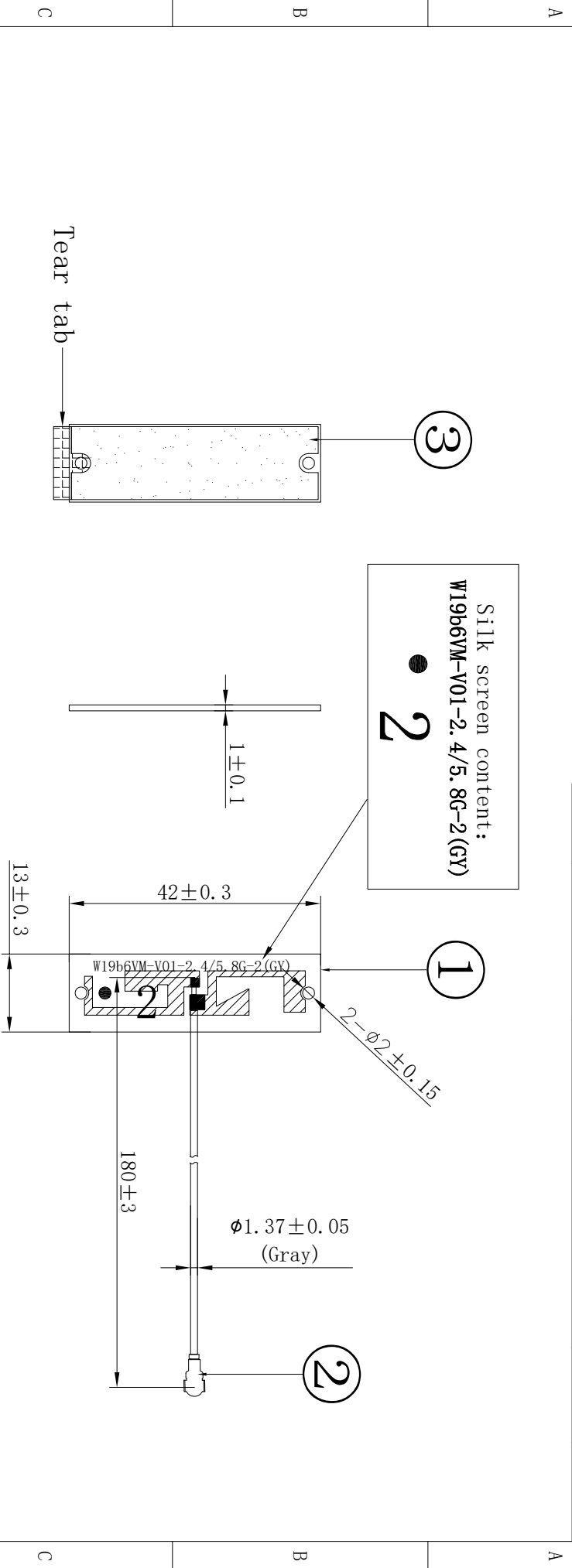
2.3. 3D Chamber Test System: 64 probe test system



3. Mechanical instruction



1	2	3	4	5	6	7	8
				Rev	Description	Date	Remark
				A	New drawing		



- Technical Requirements
- 1、Dimensions marked with “*” are key controlled dimensions.
 - 2、Unmarked dimensions shall be in accordance with the drawing.
 - 3、No welding defects such as cold solder joints, false solder joints, solder bridges, short circuits, or open circuits are allowed.
 - 4、All components must comply with RoHS requirements.
 - 5、Finished products shall undergo 100% performance inspection.

D		2, 4/5, 8G foam	EVA, Black	1					
2		2, 4/5, 8G-2 Cable	φ1.37, Gray, Generation 1 Terminal	1		0~10	±0.06	○	0.02
1	2, 4/5, 8G-2 PCB	FR-4, Black		1		10~18	±0.10	◎	φ0.03
						18~30	±0.12	⊥	0.02
						30~40	±0.15	∠	0.04
No.	DWG No.	Name	Specification	Amount	Remark	40~	±0.20	Angle	±0.5°
						Location			
1	2	3	4	5	6	7	8		

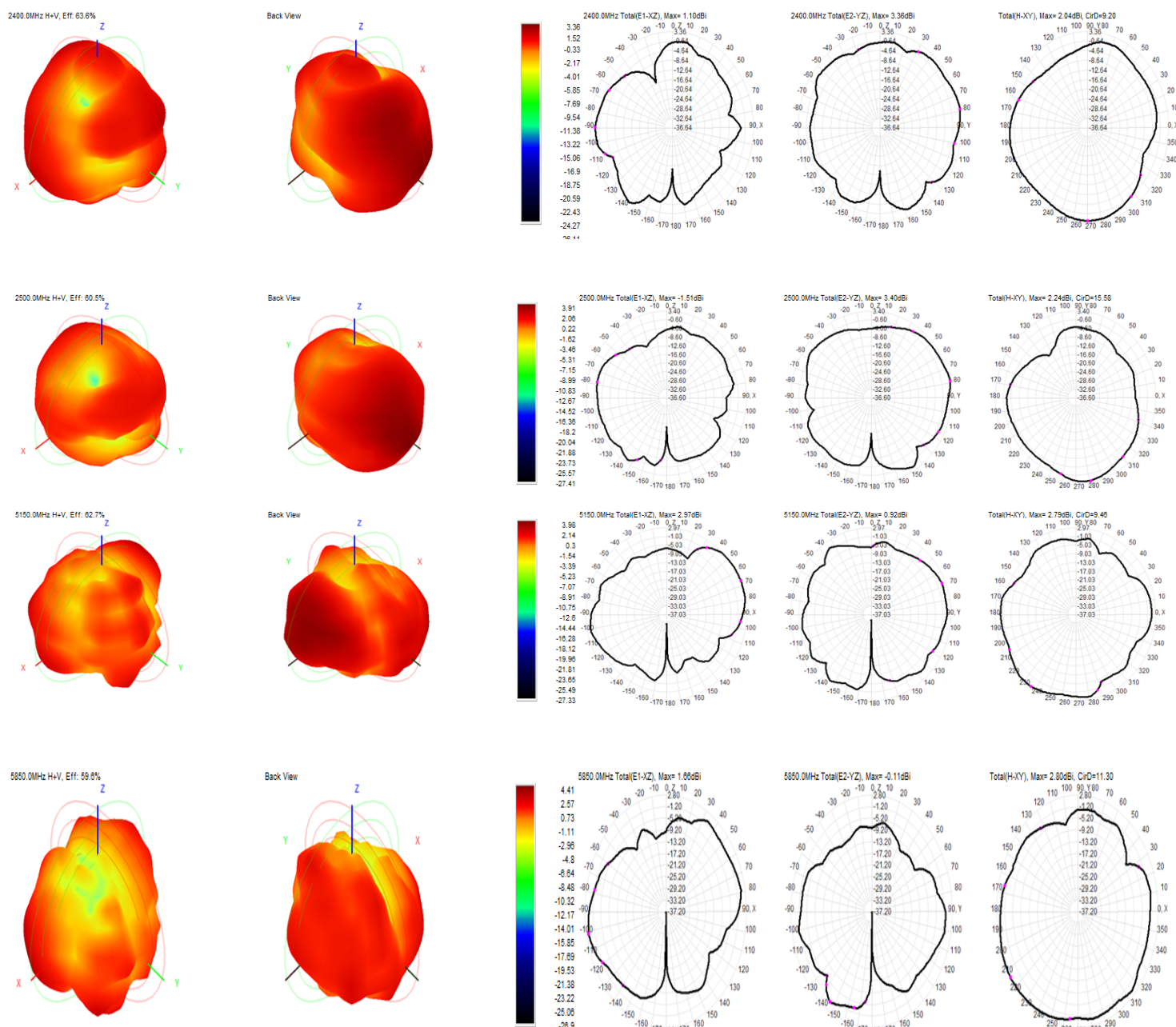
SHEN ZHEN BE-COMFORTABLE CO., LTD

Project	W19b6VM	Date	2025-02-12
Part Name	2, 4/5, 8G-2 Antenna	Designed by	Li Haibo
Part No.	N12-9624-R0A	Checked by	Zhang Bing
Material		RF	
		PF	
DWG No.	N12-9624-R0A	Approved by	
		Unit	mm
		Scale	1:1
		Rev	A

. Gain & Efficiency& 3D Pattern-ANT1

Frequency ID	Frequency (MHz)	Gain (dBi)	Efficiency (%)
1	2400.0	3.36	63.64
2	2410.0	3.97	64.56
3	2420.0	4.39	64.38
4	2430.0	4.44	63.56
5	2440.0	4.33	62.38
6	2450.0	4.33	63.05
7	2460.0	4.25	63.84
8	2470.0	4.29	65.21
9	2480.0	4.24	64.83
10	2490.0	4.04	61.32
11	2500.0	3.91	60.55
12	5150.0	3.98	62.71
13	5200.0	3.98	61.80
14	5250.0	3.47	60.87
15	5300.0	3.67	60.72
16	5350.0	4.28	58.95
17	5400.0	4.53	59.13
18	5450.0	4.79	59.36
19	5500.0	4.75	59.19
20	5550.0	4.50	59.99
21	5600.0	3.97	58.80
22	5650.0	4.00	59.08
23	5700.0	4.18	58.98
24	5750.0	4.17	57.45
25	5800.0	4.34	57.99
26	5850.0	4.41	59.58

. Gain & Efficiency& 3D Pattern-ANT1



Packaging method

DATE: 2025-02-13

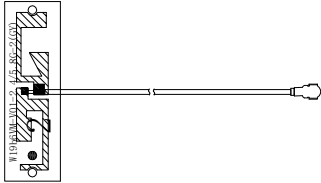
page: 1 of 1

Name :2.4/5.8G-2 Antenna

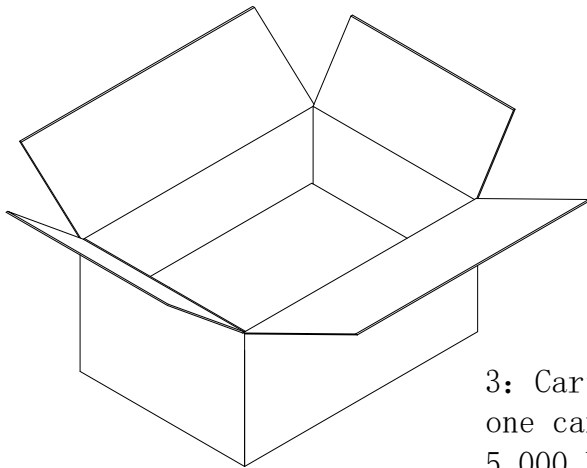
Edition: A

Customer:TOZED

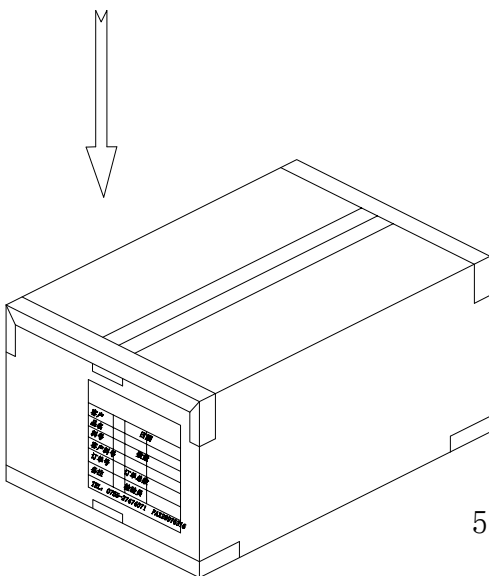
1: Antenna



2: Bagging: Pack 50 PCS of products in each PE bag; the terminals shall be wrapped with EPE foam (subject to actual packaging).



3: Carton Packing: Pack 10 large bags into one carton; one carton contains a total of 5,000 PCS of products (subject to actual packaging).



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

Approval: _____

Confirm: _____

Fiction: Li Haibo