



Antenna Datasheet

Material coding of TOZED:

Material name of TOZED: W19B6VM

Specifications of TOZED:

Supplier:

Supplier material specifications: N12-9626-R0A

	Preparation	Comfirm	Approval	Stamp
Countersign				

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

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Antenna Datasheet

Customer	TOZED
Project Name	W19B6VM
Customer NO.	
Specification	2.4/5.8G-4
Supplier NO.	N12-9626-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.

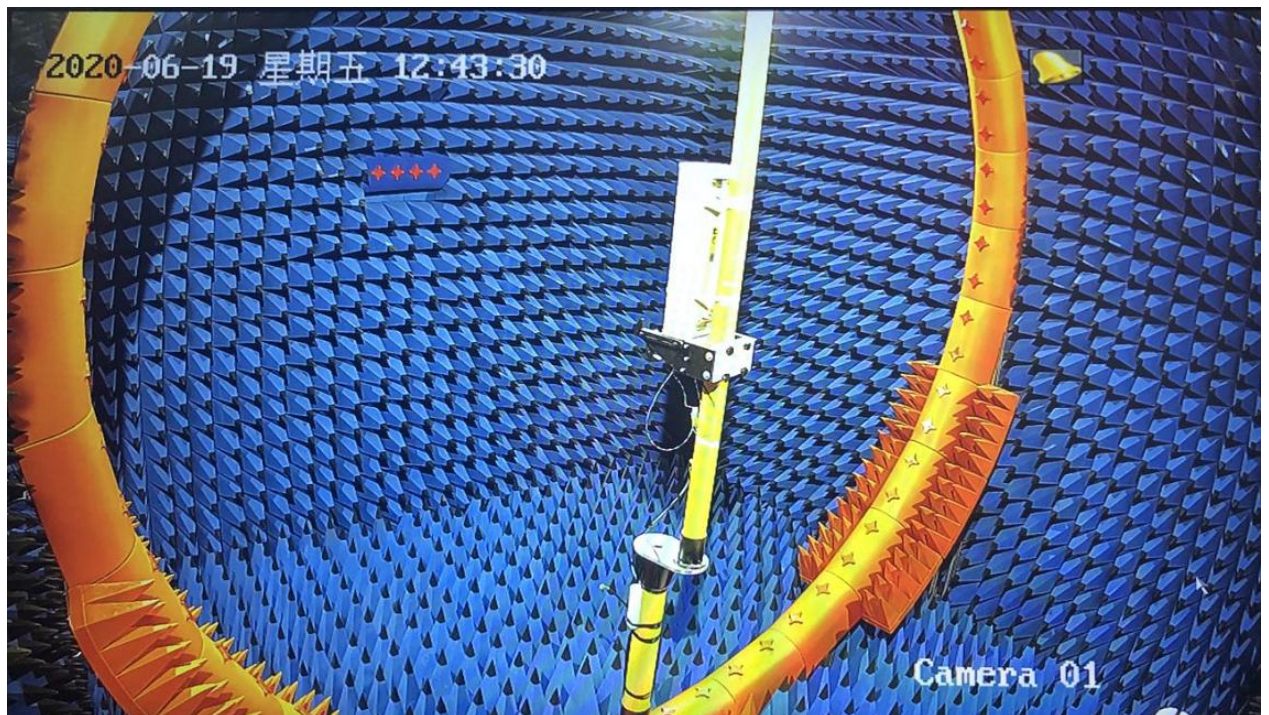
Packaging way: Carton, Delivery to company.

2. Test Equipment & Conditions

2.1. Network Analyzers : KEYSIGHT P5002A

2.2. Communications Test Set: R&S CMW 500

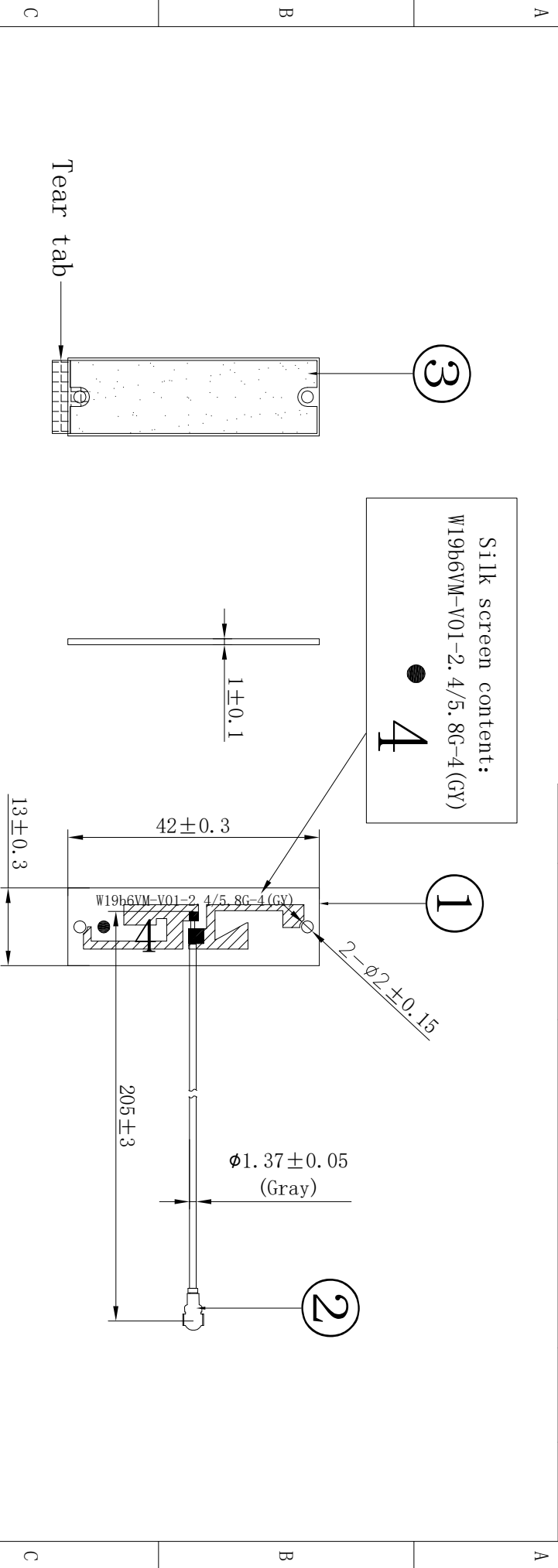
2.3. 3D Chamber Test System: 64 probe test system



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.

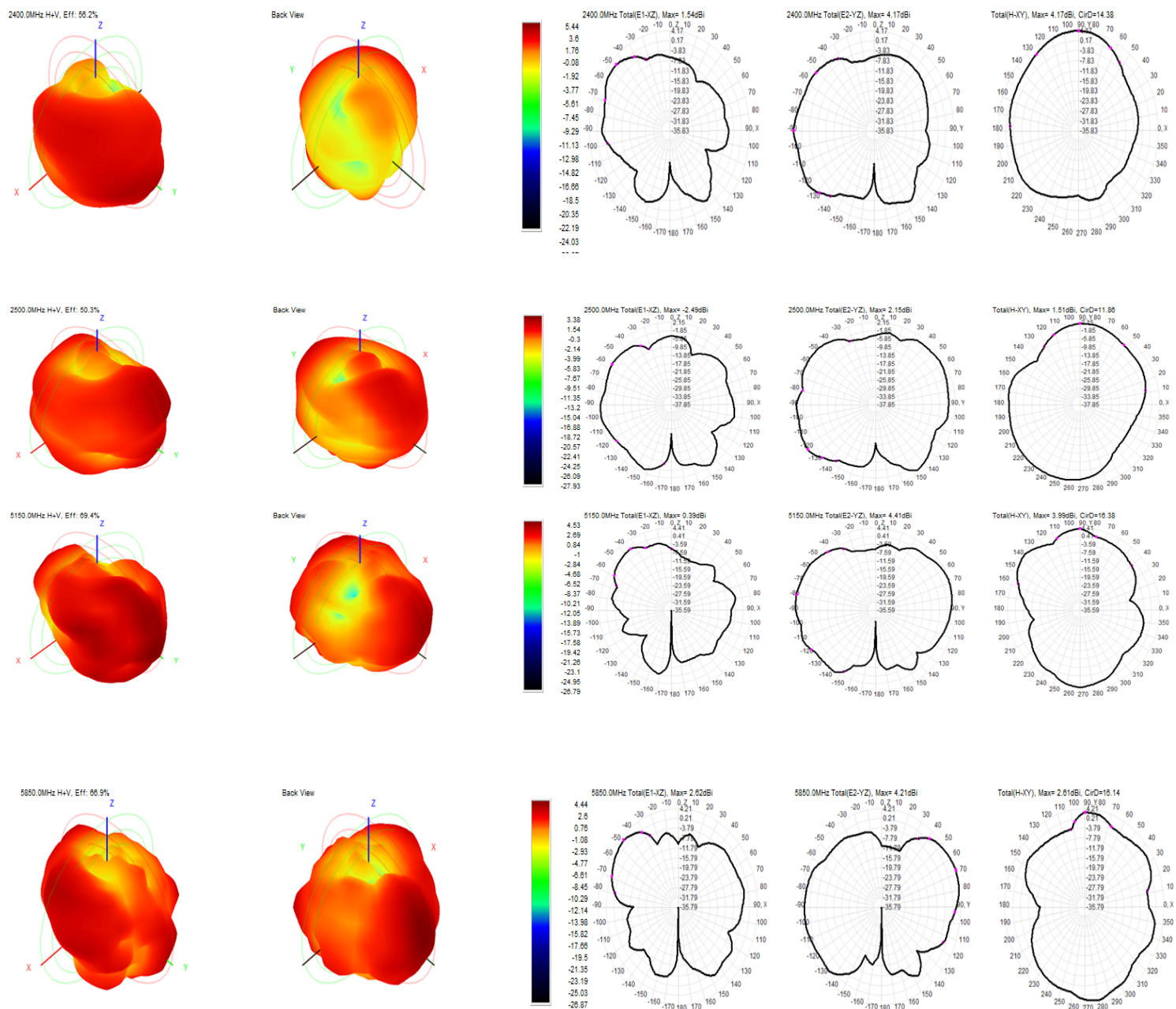
No.	DWG No.	Name	Specification	Amount	Remark
1	2.4/5.8G-4 PCB	FR-4, Black	1		
2	2.4/5.8G-4 Cable	Ø1.37, Gray, Generation 1 Terminal	1		
3	2.4/5.8G foam	EVA, Black	1		

SHEN ZHEN BE-COMFORTABLE CO., LTD			
Project	W19b6VM	Date	2025-02-12
Part Name	2.4/5.8G-4 Antenna	Designed by	Li Haibo
Part No.	N12-9626-R0A	Checked by	Rf Zhang Bing
Material		PE	
DWG No.	N12-9626-R0A	Approved by	
Location		Unit	mm
5	6	7	8

. Gain & Efficiency& 3D Pattern-ANT1

Frequency ID	Frequency (MHz)	Gain (dBi)	Efficiency (%)
1	2400.0	3.53	63.02
2	2410.0	3.56	65.14
3	2420.0	3.58	65.27
4	2430.0	3.13	63.70
5	2440.0	2.71	60.91
6	2450.0	2.61	60.10
7	2460.0	2.61	61.10
8	2470.0	2.66	63.84
9	2480.0	2.77	64.93
10	2490.0	2.71	61.42
11	2500.0	2.83	60.60
12	5150.0	4.44	61.09
13	5200.0	4.41	59.74
14	5250.0	3.95	58.32
15	5300.0	4.01	58.93
16	5350.0	4.14	57.11
17	5400.0	4.15	56.68
18	5450.0	4.66	57.28
19	5500.0	4.60	57.85
20	5550.0	4.49	58.77
21	5600.0	3.80	56.91
22	5650.0	3.05	56.58
23	5700.0	3.02	56.27
24	5750.0	3.13	54.80
25	5800.0	3.35	55.27
26	5850.0	3.55	56.66

. Gain & Efficiency& 3D Pattern-ANT1



Packaging method

DATE: 2025-02-13

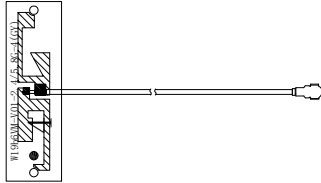
page: 1 of 1

Name :2.4/5.8G-4 Antenna

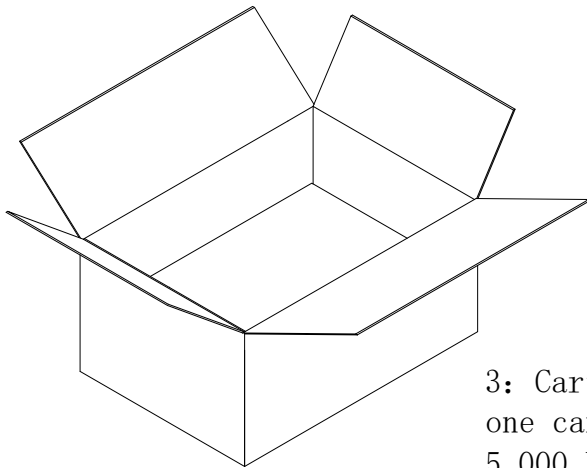
Edition: A

Customer:TOZED

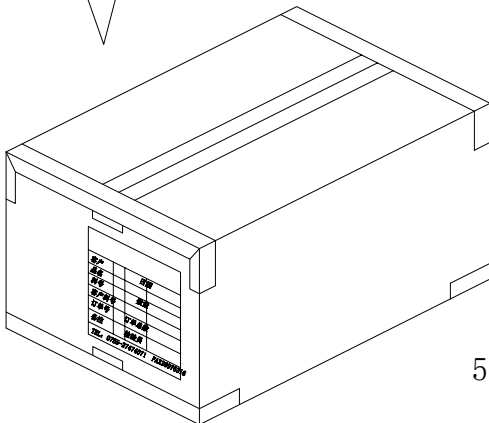
1: Antenna



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