



Antenna acknowledgment

Customer Name	Shenzhen AZW Technology Co., Ltd.			
project name: Project Name	EQ13	frequency range: Band Info	WiFi 2.4/5G	
Antenna name: Antenna Name	E Q 1 3 Antenna M a i n Black V1.0	Customer No. : Customer P/N	14.02.03490000	
		Supplier material number: Supplier P/N	MA-D-Main-B-V0	
	E Q 1 3 Antenna A U X Black V1.0	Customer No. : Customer P/N	14.02.03490001	
		Supplier material number: Supplier P/N	MA-D-AUX-G-V0	
version number: Version No	R:V1.0	Date: Date	2024-01-22	
We confirm that				
fabrication : Edited by	Review the Check by	Approval of the Approved by	Admit date Date of approval	affix one's seal Company seal
Customer confirmation				
Engin eering Engineer	charac ter QA	Purcha se of the Purchas e	Admit date Dateof approval	affix one's seal Company seal
Confirm the results Confirmed Result	O Qualified OK ☐ Unqualified NG ☐ Other Other			

catalogue

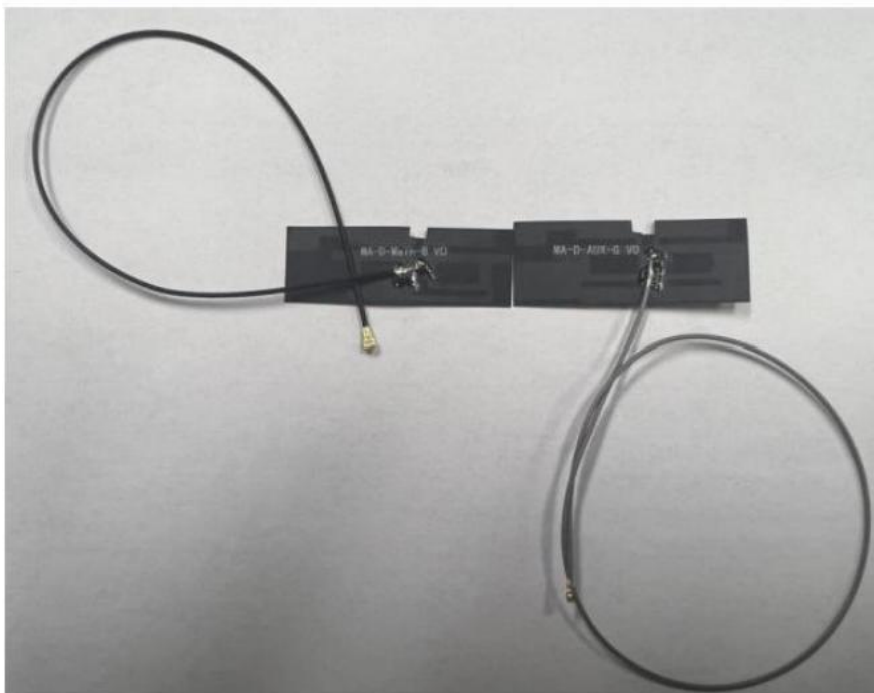
1. Diagram of complete machine, finished antenna, semi-finished product assembly
2. Antenna active parameters
3. Antenna has no passive parameters
4. The Salt Fog Test Report
5. High and low temperature test report
- Vi. Size test report
7. Antenna dimensions diagram
- Viii. Packaging method

I. Drawing representation of the whole machine



The whole picture

1.1 The finished antenna drawing

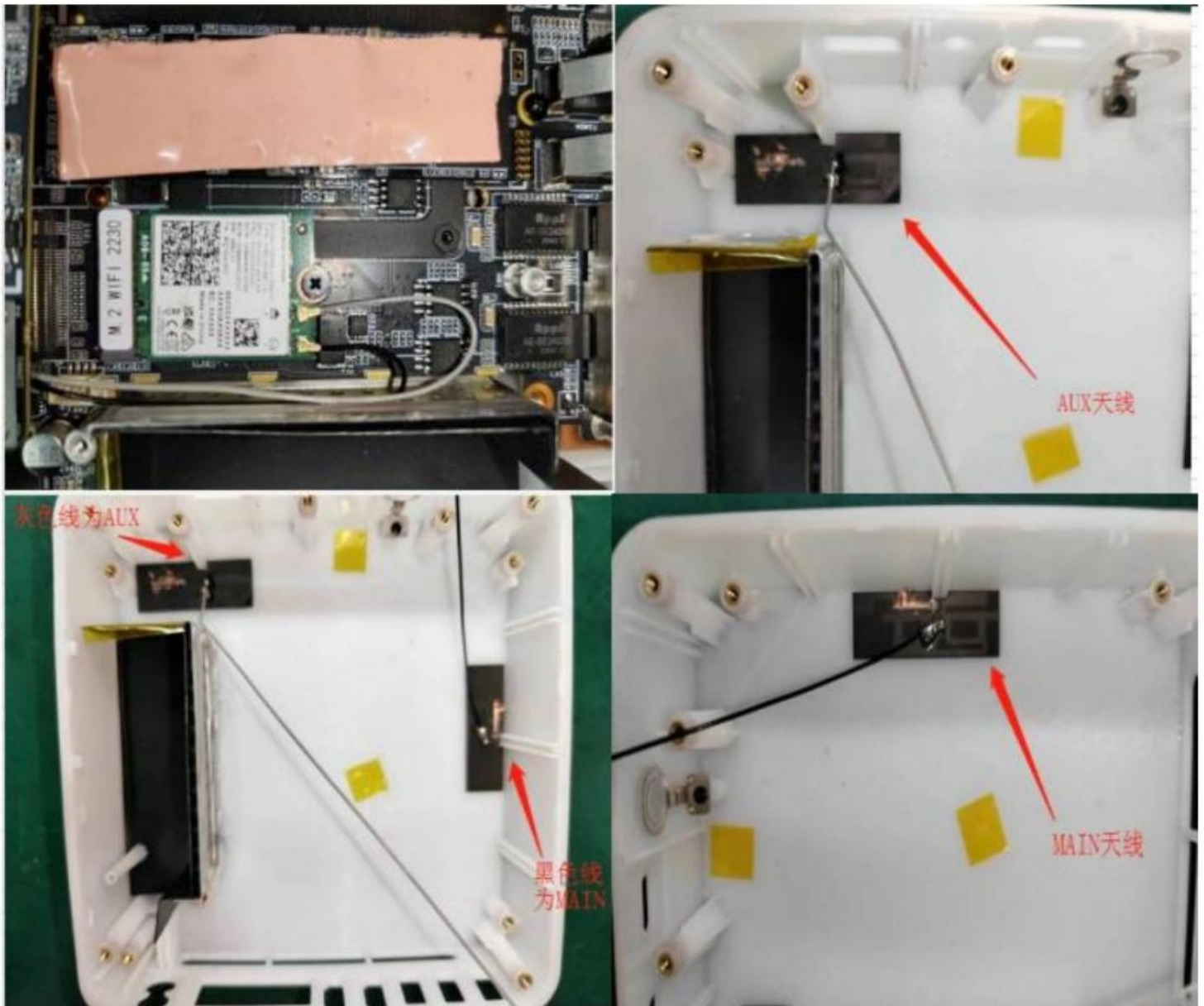


AuxAntenna picture

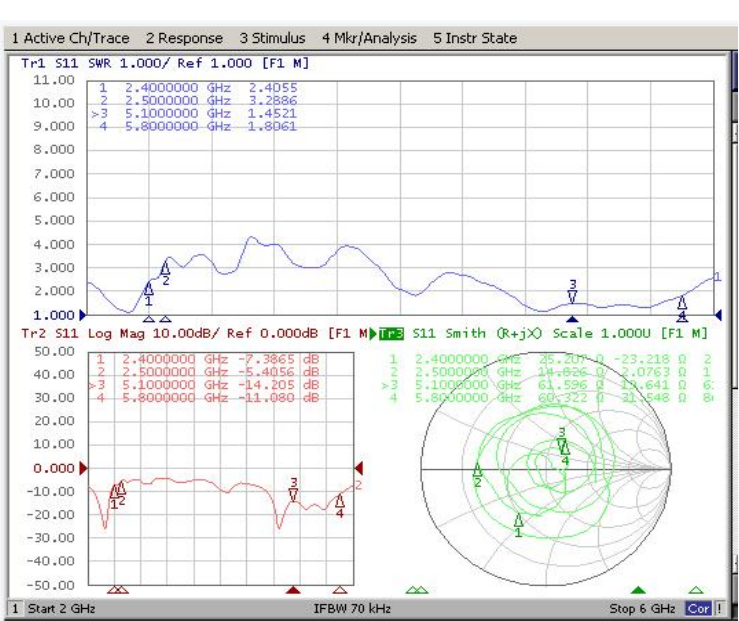
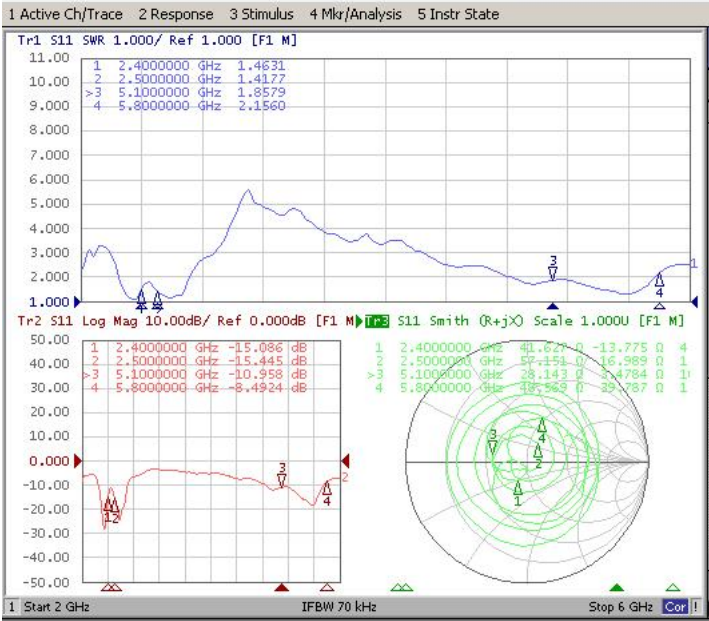
Main Antenna picture

1.2 semi-finished assembly

EQ13 Main/Aux Antenna



2. Active parameters



2.1 Active data reports

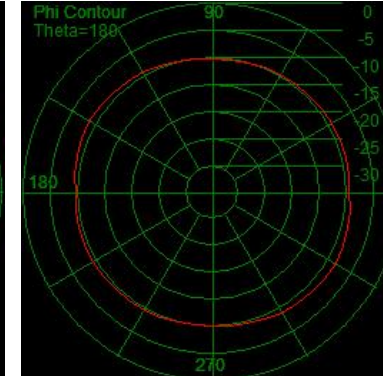
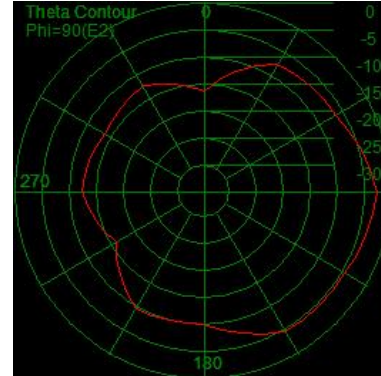
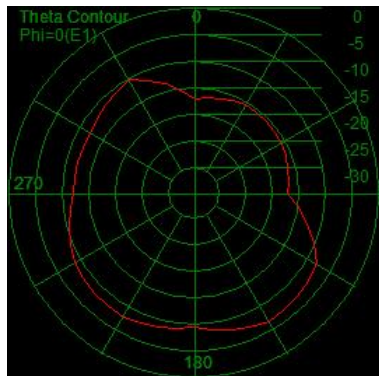
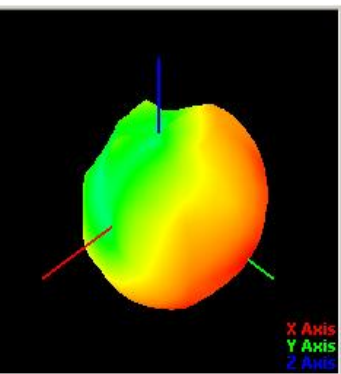
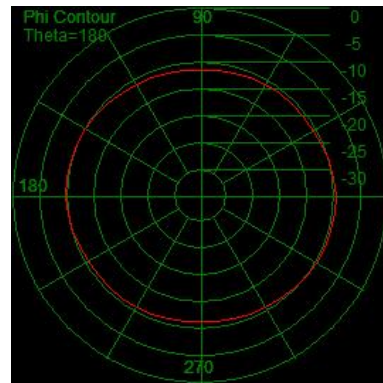
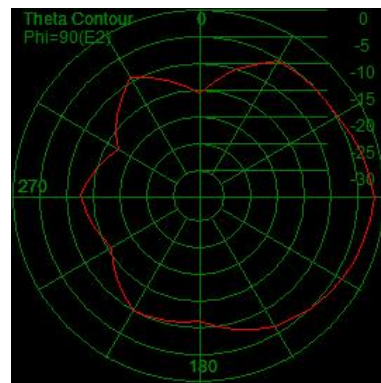
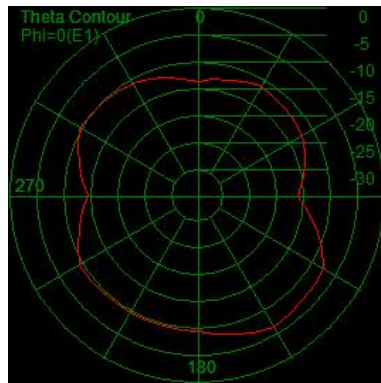
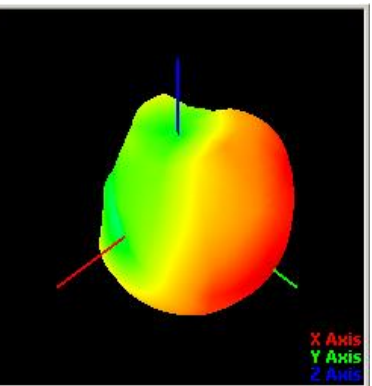
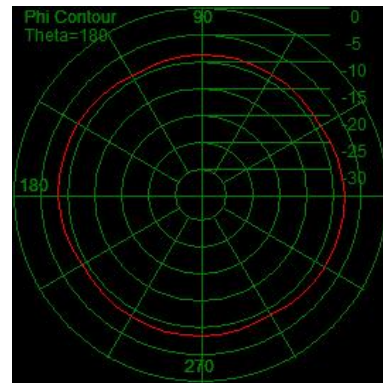
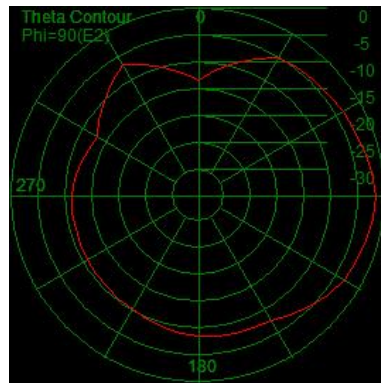
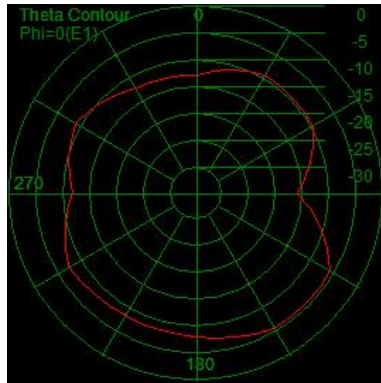
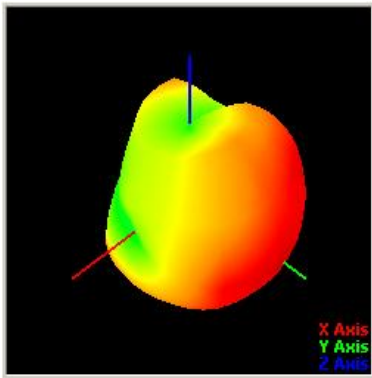
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1	2400.0	-1.82	20.3%
2	2410.0	-2.10	18.9%
3	2420.0	-1.97	18.9%
4	2430.0	-1.95	18.1%
5	2440.0	-2.03	17.3%
6	2450.0	-2.05	16.6%
7	2460.0	-1.98	16.6%
8	2470.0	-2.19	15.9%
9	2480.0	-2.25	16.0%
10	2490.0	-2.93	14.8%
11	2500.0	-3.04	15.3%
12	5100.0	2.22	39.1%
13	5135.0	1.57	34.9%
14	5170.0	1.31	33.6%
15	5205.0	1.09	35.7%
16	5240.0	1.09	33.9%
17	5275.0	1.24	33.2%
18	5310.0	1.15	32.9%
19	5345.0	0.66	32.0%
20	5380.0	0.24	31.1%
21	5415.0	-0.03	31.3%
22	5450.0	-0.24	31.0%
23	5485.0	0.33	31.7%
24	5520.0	0.40	32.0%
25	5555.0	0.50	30.4%
26	5590.0	0.79	31.8%
27	5625.0	1.64	34.2%
28	5660.0	1.39	32.4%
29	5695.0	1.53	33.1%
30	5730.0	2.11	33.5%
31	5765.0	1.43	30.0%
32	5800.0	0.84	29.2%

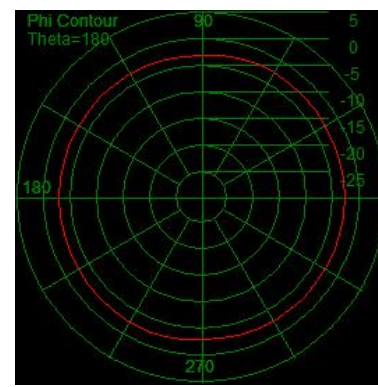
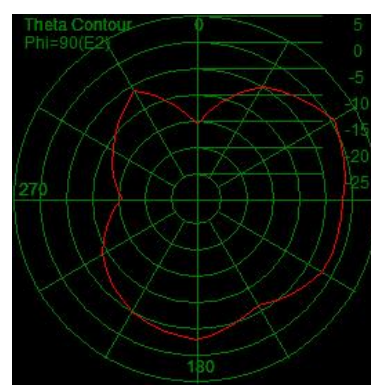
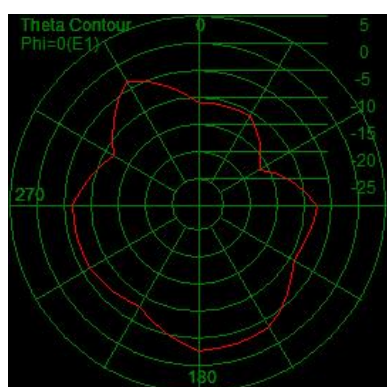
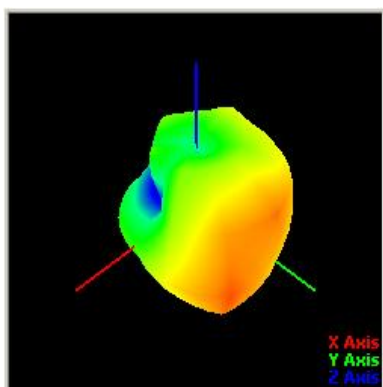
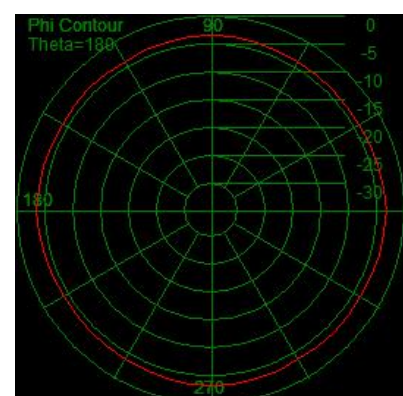
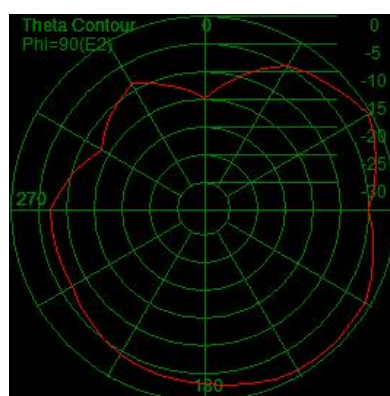
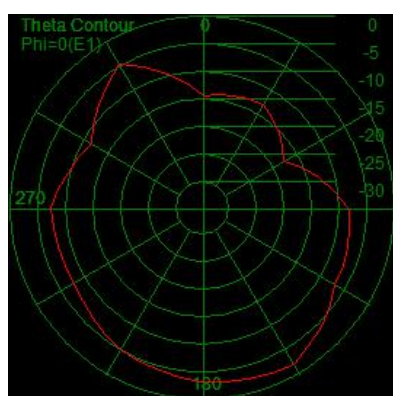
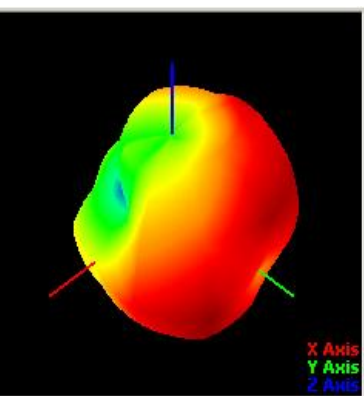
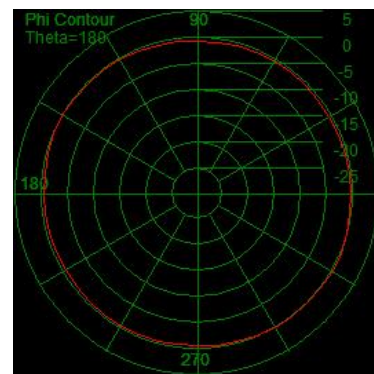
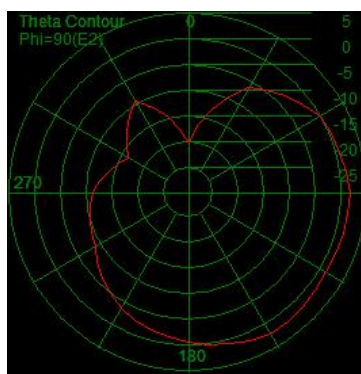
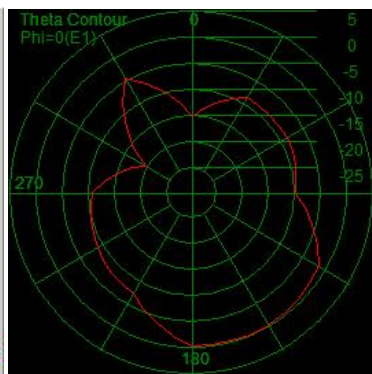
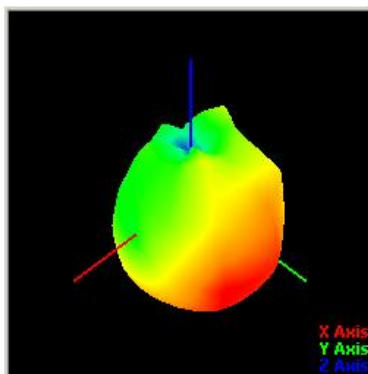
MAIN ANT

Test Point ID	Freq. (MHz)	Gain (dBi)	Efficiency (%)
1	2400.0	-0.48	22.0%
2	2410.0	-0.58	19.9%
3	2420.0	-0.55	18.7%
4	2430.0	-0.66	17.3%
5	2440.0	-0.89	16.1%
6	2450.0	-1.01	15.8%
7	2460.0	-0.96	16.8%
8	2470.0	-1.27	16.7%
9	2480.0	-1.08	18.5%
10	2490.0	-1.14	18.7%
11	2500.0	-0.89	20.9%
12	5100.0	3.30	35.5%
13	5135.0	3.21	32.3%
14	5170.0	3.22	31.0%
15	5205.0	3.54	33.3%
16	5240.0	3.31	32.3%
17	5275.0	3.16	32.1%
18	5310.0	3.12	33.1%
19	5345.0	3.05	32.9%
20	5380.0	2.71	32.8%
21	5415.0	3.05	34.0%
22	5450.0	2.48	33.7%
23	5485.0	2.33	33.7%
24	5520.0	1.80	32.8%
25	5555.0	0.86	30.6%
26	5590.0	1.24	32.0%
27	5625.0	0.79	31.7%
28	5660.0	0.32	30.0%
29	5695.0	-0.14	28.0%
30	5730.0	0.26	27.3%
31	5765.0	-0.70	22.6%
32	5800.0	-0.16	21.2%

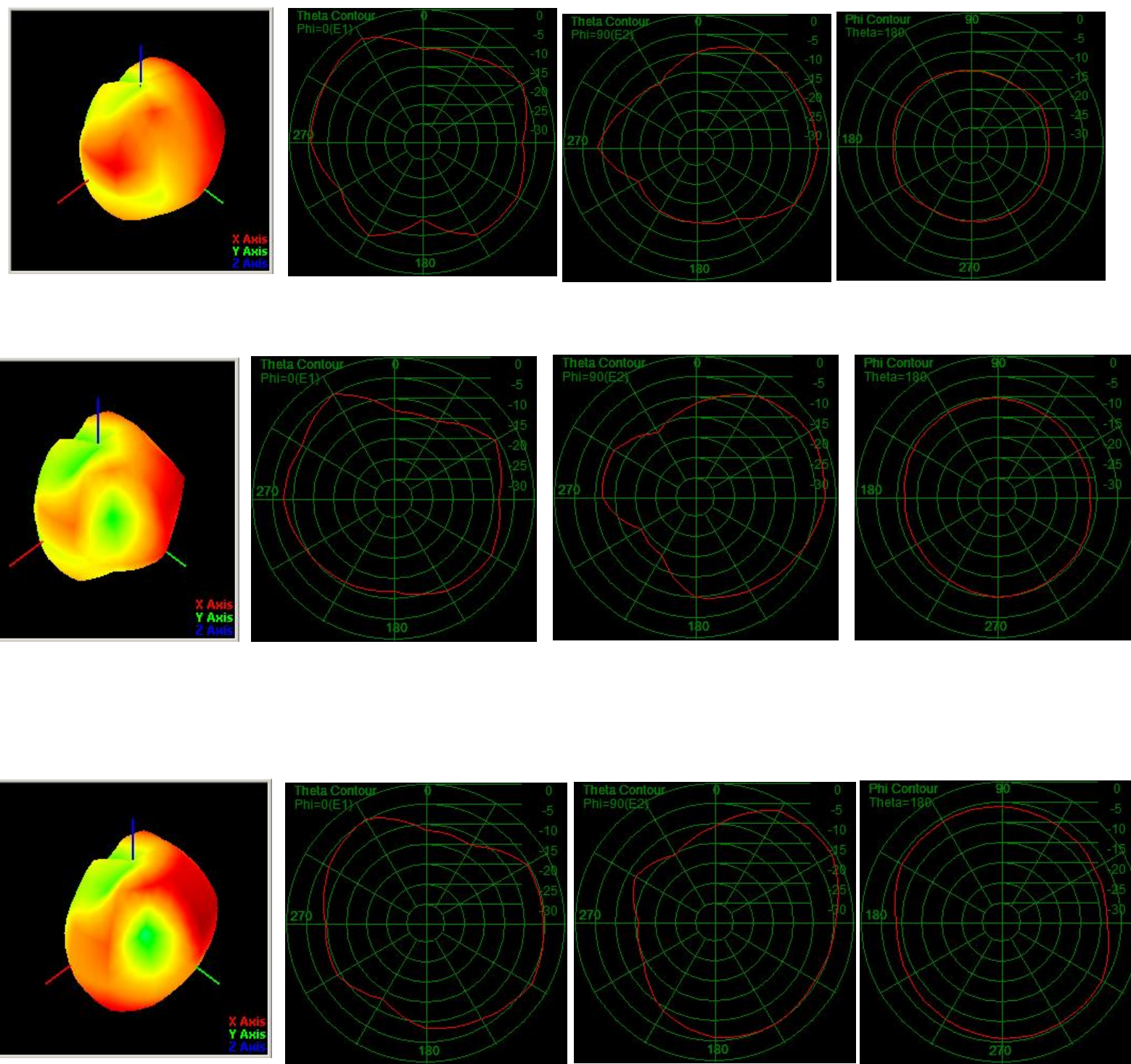
AUX ANT

MAIN 2400-2500MHz

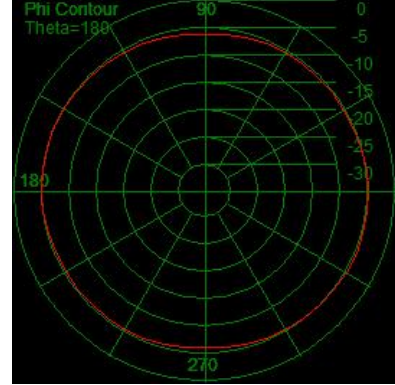
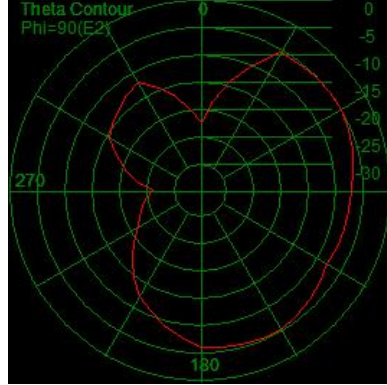
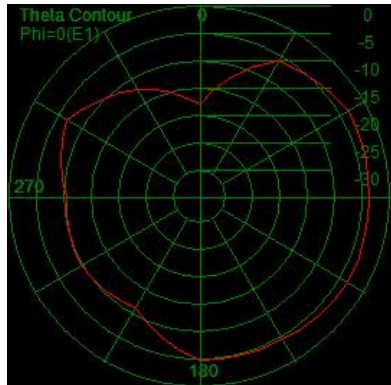
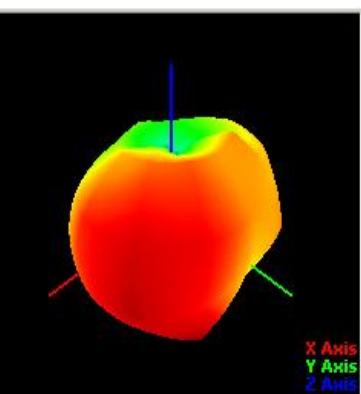
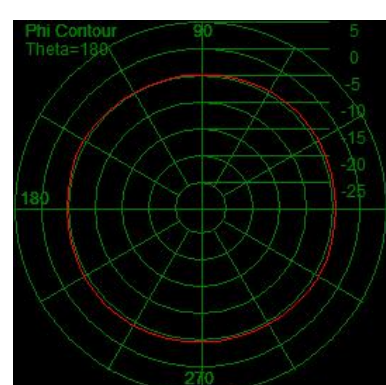
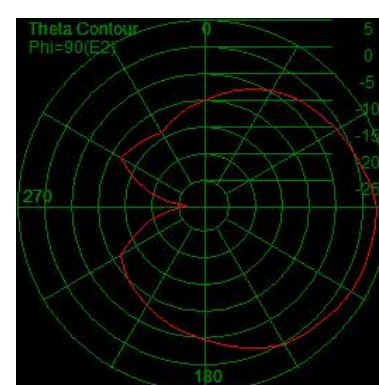
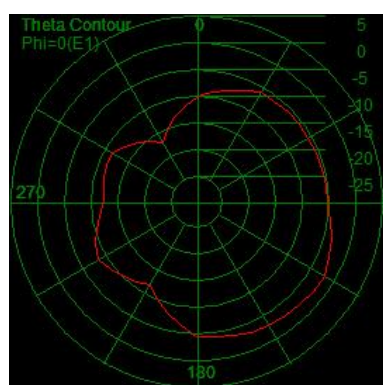
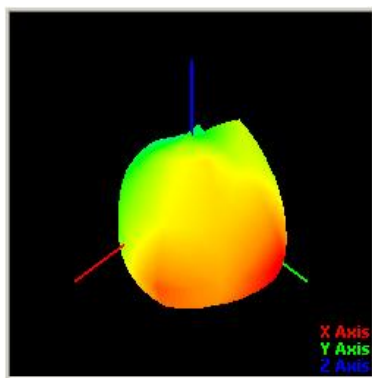
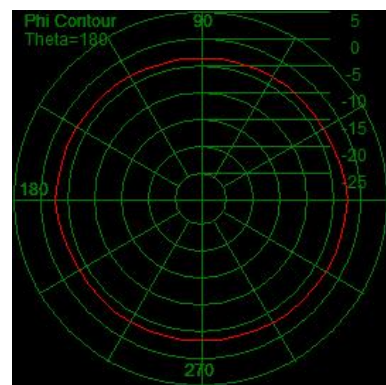
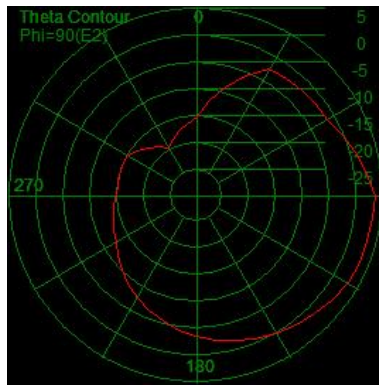
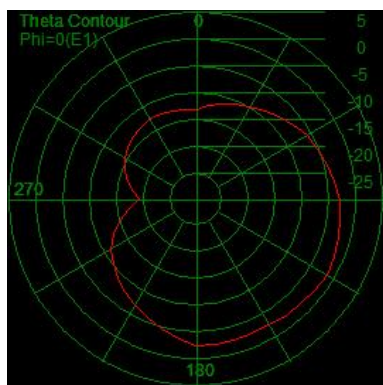
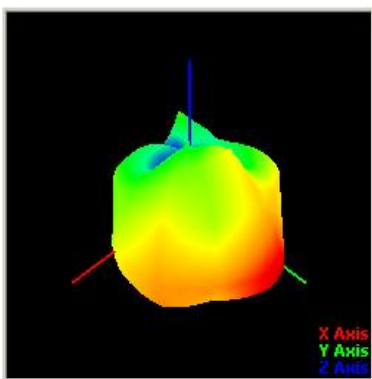


MAIN 5150~5850MHz

AUX 2400~2500MHz



AUX 5150~5850MHz



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IV. Salt spray test report

Test Date: January 22, 2024 Test No.: {TPWL} 20240122701April					
Test time: January 2010:00 to January 2210:00 Total: <u>48</u> hour (Spray time) Test is interrupted, due to: No interruption					
1. Quality of sodium chloride			50g/L		
2. Distilled water quality			purified water for drinking		
3. Spray Strap:			1.0-2.0 mL/80cm/h		
	3.1 Spray volume		1.0-2.0 mlh		
	3.2 Specific gravity or concentration of the collected solution at room temperature		1.0258-1.0443		
	3.3 PH		Between the lines of 6.5 and 7.2		
4. Sample:					
	4 .1 Species		FPC		
	4 .2 Shape		oblong		
	4 .3 Scale		(36*12.67) (36*13.49)		
	4 .4 Number		2PCS		
5. Compressed air pressure			1±0.01Kgf/em²		
6. Relative humidity of the laboratory			More than 85%		
7. Laboratory temperature			35±1 • C		
8. Pressure bucket temperature			47±1 C		
9. Salt bucket temperature			35±1 C		
10. Other			C		
judge:	1. According to other methods:				At level 7, it is negligible
OK	The test product is normally visually visible slight corrosion <corrosion area and judgment grade>, but the corrosion area is not small, judged qualified				
	Corrosion level	Degree of surface corrosion	Corrosion level	Degree of surface corrosion	
	0	The rust area is nearly 100%	4	The rust area is nearly 10%	
	1	The rust area is nearly 5 0%	5	The rust area is nearly 5%	
	2	The rust area is nearly 3 0%	6	The rust area was nearly 3%	
	3	The rust area was nearly 1 5%	7	The rust area is nearly 1%	
Tester: Zhang Ningting reviewed by: Li Daoping 2024.01.22					

product name	EQ13	Inspection department	research and development	P / N		Number of samples	2PCS
date of test	On January 20	proving time	48H	begin	At 10:00 on that day	client	
				finish	January 22nd at 10:00	supplier	The beauty of jin
measuring and test instruments	Program stant temperature and humidity test machine			Instrument number	TPWL-PG-HS001-051		
condition of experiment	High temperature of 80 + / -2℃			High temperature of-40 + / -2℃			
proving time	24H			24H			
test method	Store the product in a high temperature environment of 80 + / -2℃ for 24H, and then in a low temperature environment of-40 + / -2℃. After the completion of the test, the product is placed over 2H in a normal temperature environment for appearance inspection						
requirement	No cracks, obvious deformation, falling off, FPC warping, electrical performance test passed and qualified						
end of test	The components have no cracks, obvious deformation, falling off, and FPC warping						
Determine the result	OK						

explain:

1. The operation standards for high and low temperature experiments shall be implemented in accordance with the national standard GB/T2424.5-2005 of the Republic of China.

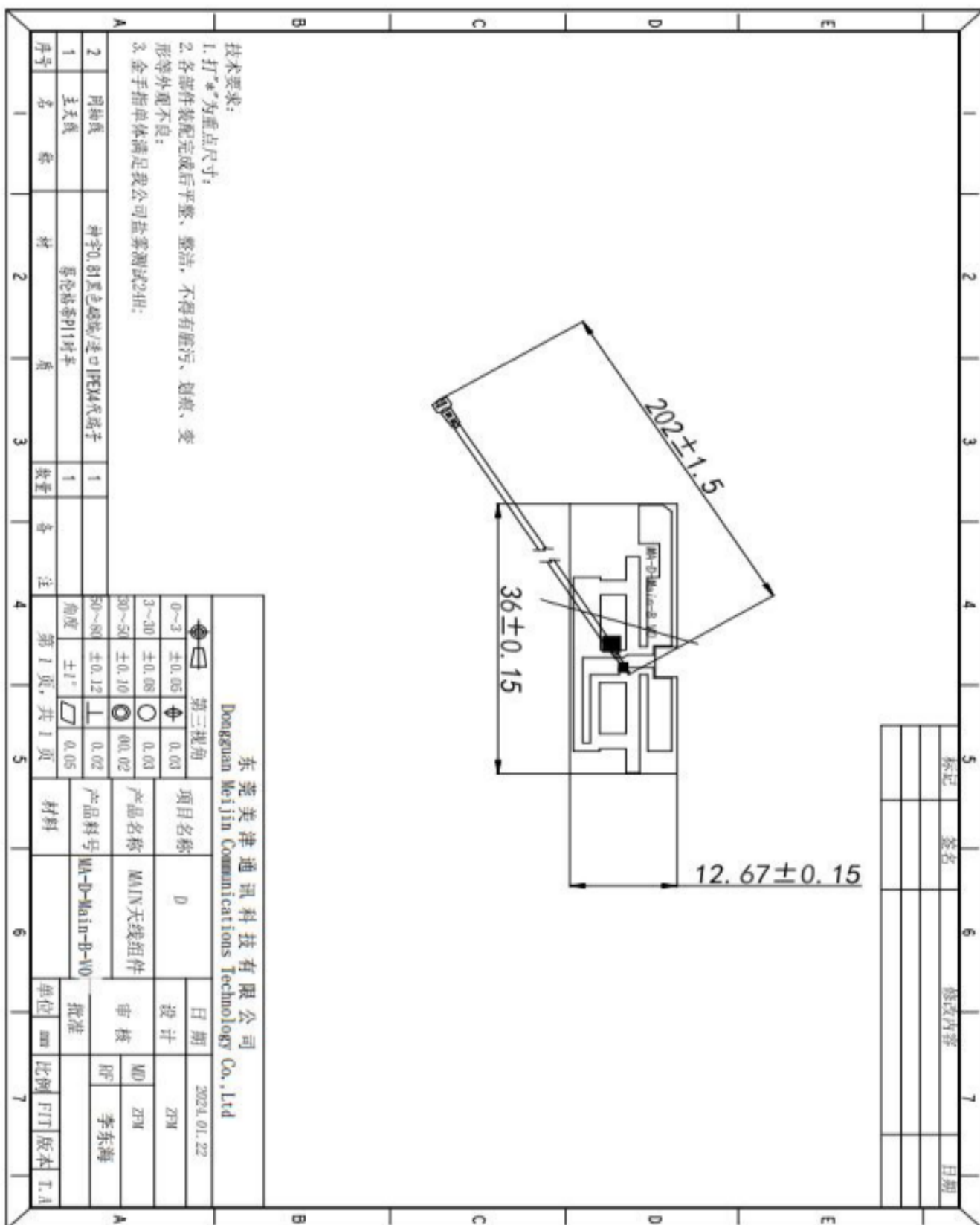
2. The appearance standard of the specimen shall be determined in accordance with the national standard of the Republic of China GB / T6461-02 standard.

ratify	examine and verify	test clerk
Li Daoping	Zhang Linting	Zhang Linxiu

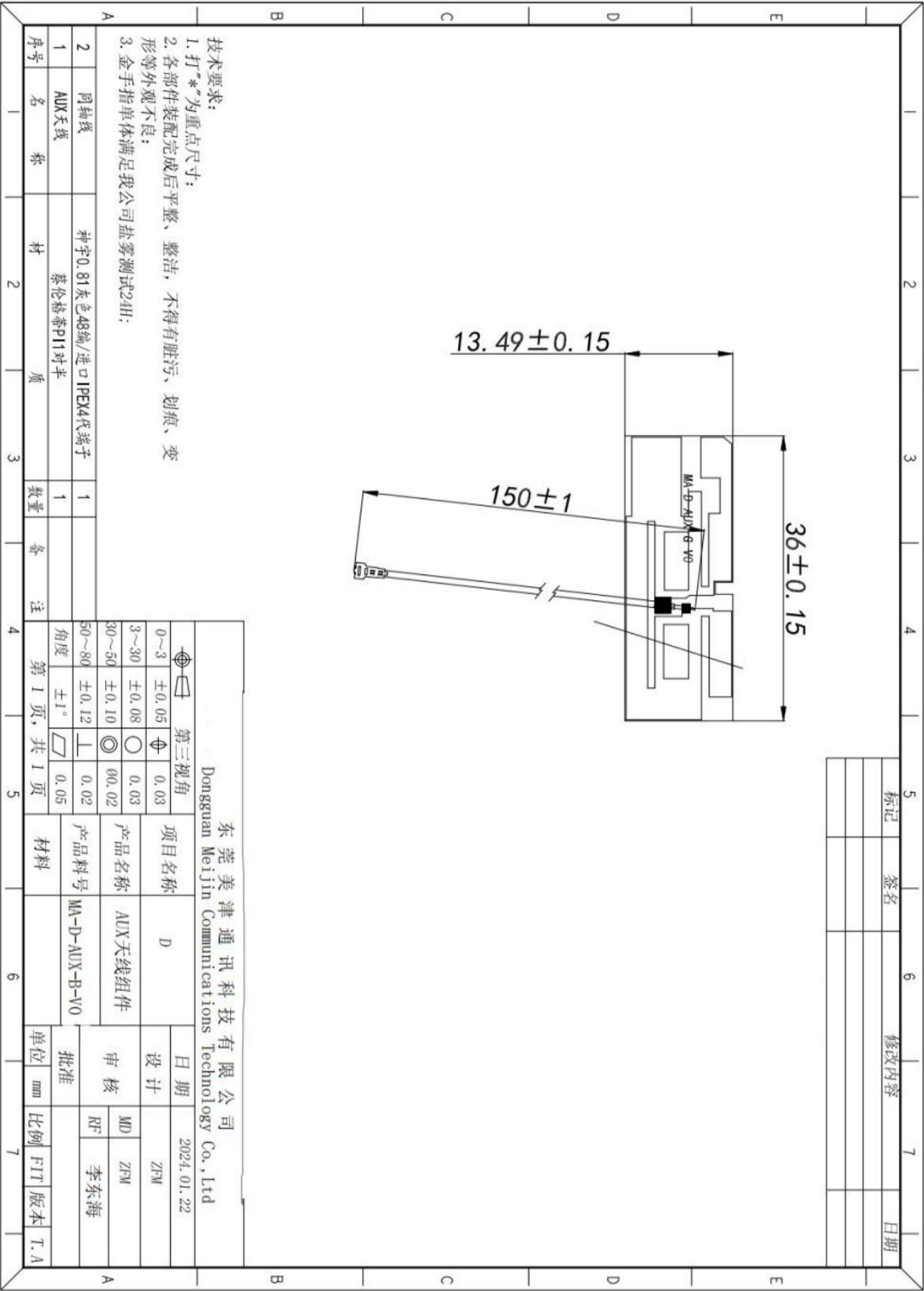
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[illegible]

EQ13 MAIN Antenna Drawing



EQ13 AUX Antenna Drawing



VIII. Packaging Method (Example Figure)

manner of packing

First, the summary

Through different packaging materials, bundling methods to meet the safety and specifications of products or goods in transportation, so that the user can get a good experience; 2. ask

1. The user name, project name, model, special logo, etc. should be reflected on the packaging label;

2. It is necessary to describe the packaging method, packaging layer number and quantity during shipment in a clear way (such as drawing or example):

The packaging example illustrates the label information

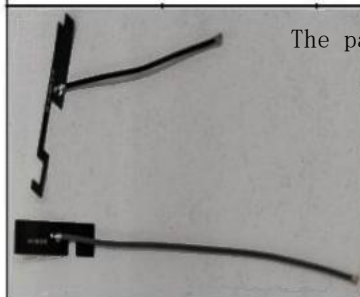


Figure 1 for MAIN



Figure 2 Main Antenna 50 PCS (AUX antenna as above)



Figure 3 Multi-layer packaging (1 large bag, 20 small bags, with pearls between the large bags)

Cotton separation to prevent extrusion, collision.

Single large bag 1000 PCS for a total of 5 (Figure 4: Protect the top surface and wait to be sealed sack.)



B/B NO	0004000
order number	P0202304130007
material code	14.02.02060001
	T4 Pro AUX Antenna
	Gray, 1.13 line
	diameter, 4
	generations
Material	IPEX original
descript ion	terminal (welding)
	Sub-direction
	toward the
quantity	50
date of dispatch	202374
G/S NO	
B/B NO	AZW
Order No.	P0202304130007
material code	14.02.02060000
	T4 Pro Main Antenna
	Black, 1.13 line
	diameter, 4-
Material	generation IPEX
descriptio n	Original terminal
	(welding
	terminal force
	toward FPC,
quantity	back adhesive
date of dispatch	surface 0Qc
	1000
	PASs 2023/4/21

Single-bag
packaging
identification
card

Big bag
logo card

External box identification card

G/S NO	AZW
B/B NO	0004000
order number	P020230413000
Material	7
	External