

A letter of recognition

DESCRIBE: Anker Innovations Co., LTD (T8531)

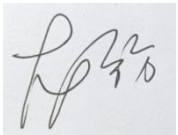
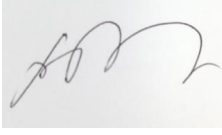
Customer NO: 5619110004161

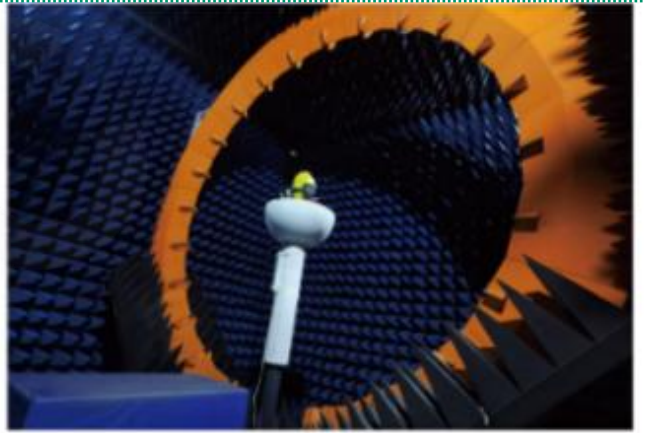
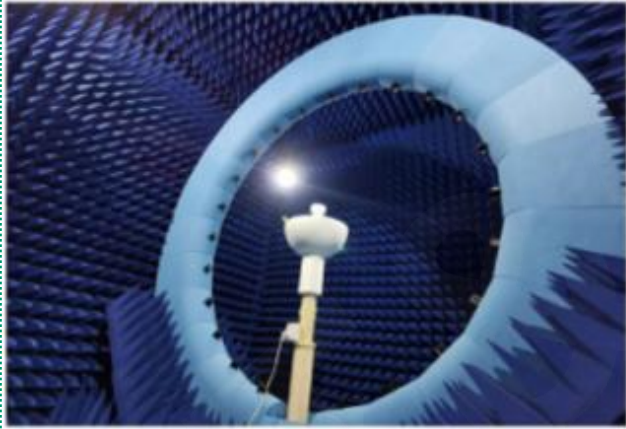
PART NO: ATC1384-HY058B70TC

Antenna type: 2.4G WIFI ANT ASM

DATE: 2023.08.28

PROVIDER: AT&C TECHNOLOGIES(SHENZHEN) CO. LTD

| | | ID Department | Test department | Structure section | Quality department |
|----------------|---------|---|-----------------|-------------------|---|
| Customer Admit | confirm | | | | |
| Supplier Admit | confirm | confirm | Proofreading | To examine | Approval |
| | |  | Zhangwanzhe | Xuliying |  |



We have RF equipments as below

Anechoic Chambe

- Satimo 1ea
- SY24 1ea
- SAR 1ea
- KSS 2ea

Measurement

- 2G, 3G, 4G
- GPS
- Wifi
- Bluetooth(3.0) OTA
- NFC & WPC



ANT

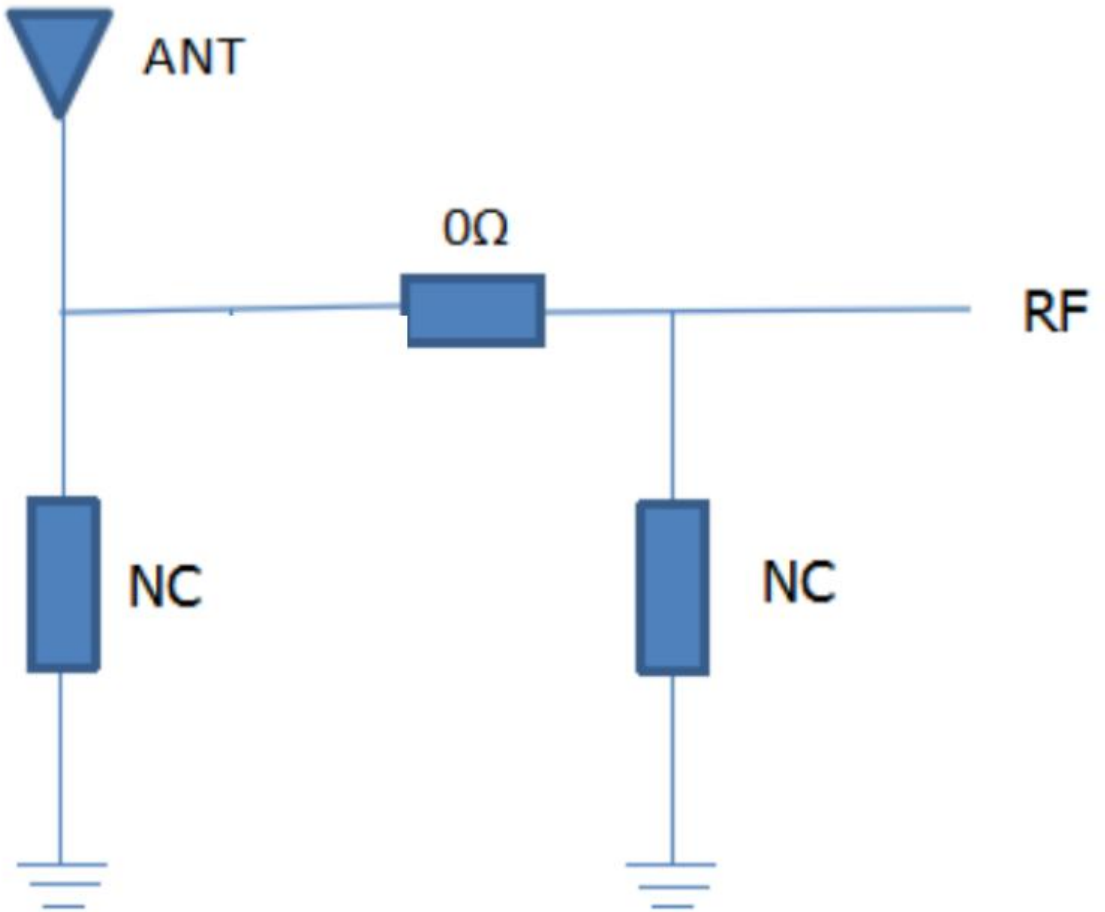


BOM

| | | | | | |
|--------------------|--------------------|--------------------|-------------|----------------------|-------------------|
| Customer | Anke | Written By | LNF | Orig. Date | 2023.08.28 |
| part Number | ATC1384-HY058B70TC | Revised By | SHIN | Revised Date | 2023.08.28 |
| Description | WIFI-ANT | Approved By | HJ | Approved Date | 2023.08.28 |

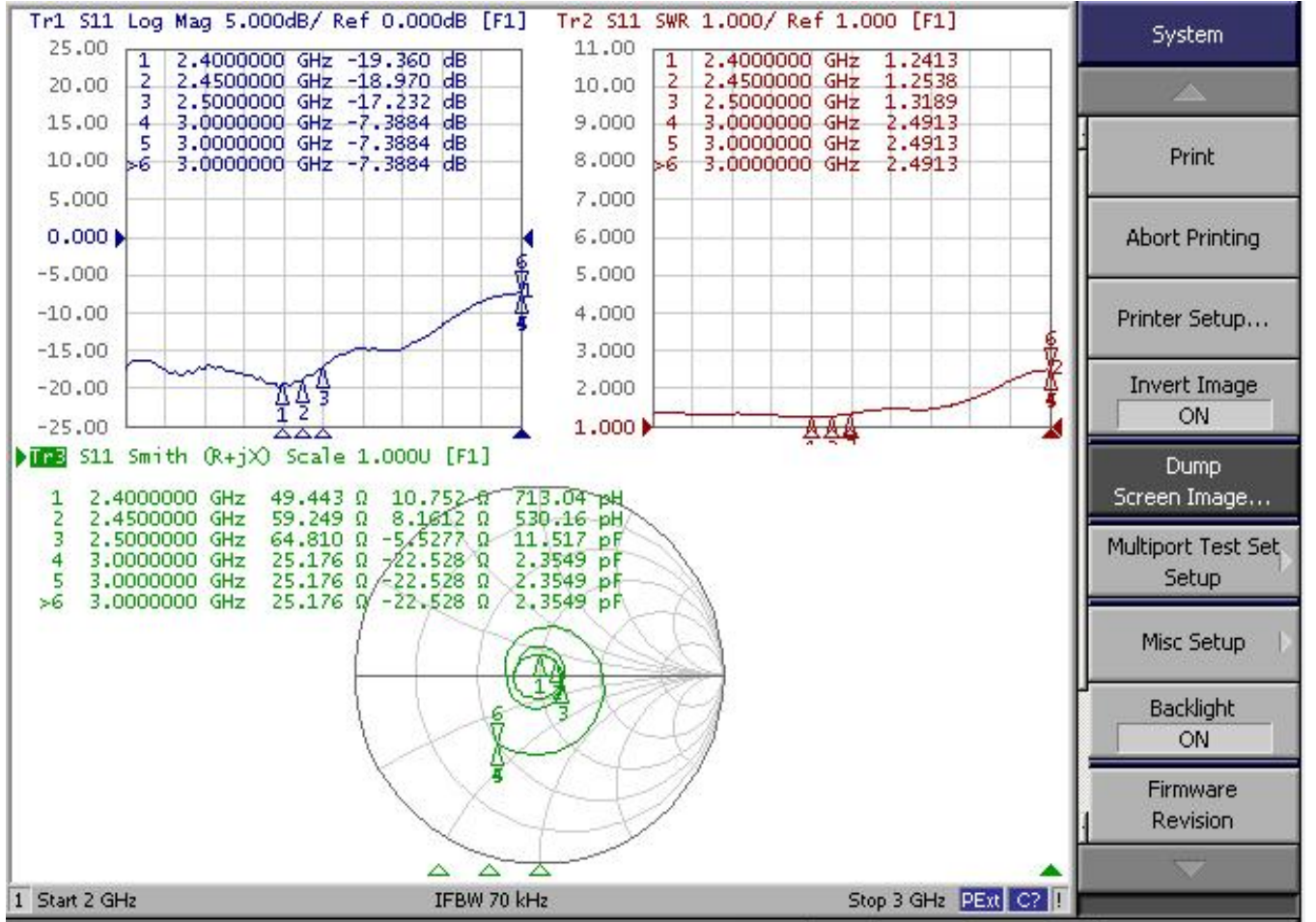
| Customer number | ATC number | Part name |
|-----------------|--------------------|---|
| 5619110004161 | ATC1384-HY058B70TC | FPC WIFI ANT /MCX+cable1.13 BLK 54mm |

Antenna impedance matching



No antenna matching modification

| | | | | | |
|-------------|--------------------|-------------|------|---------------|------------|
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System

Print

Abort Printing

Printer Setup...

Invert Image
ON

Dump
Screen Image...

Multipoint Test Set
Setup

Misc Setup

Backlight
ON

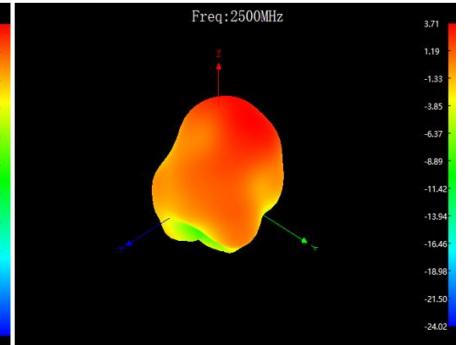
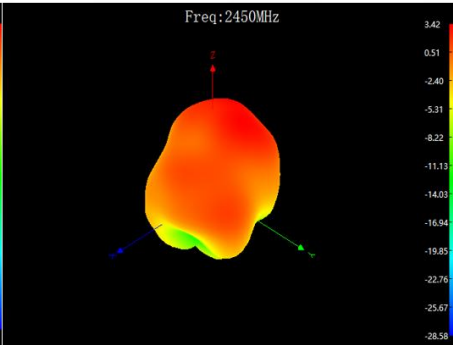
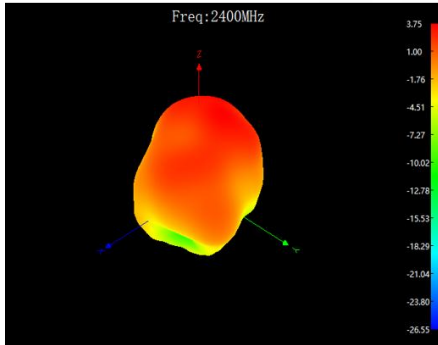
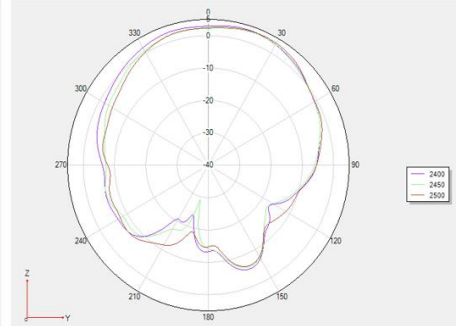
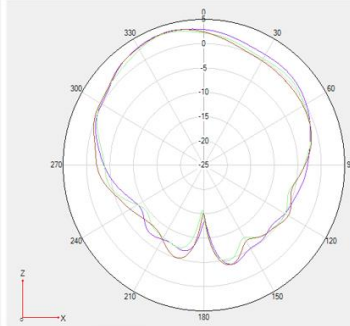
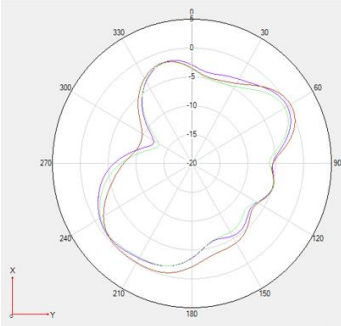
Firmware
Revision

(2.4G) Passive Test Results

| Frequency (MHz) | Efficiency (%) | Max Gain (dBi) |
|-----------------|----------------|----------------|
| 2400 | 68.55 | 3.75 |
| 2410 | 66.83 | 3.20 |
| 2420 | 62.37 | 2.72 |
| 2430 | 63.83 | 3.39 |
| 2440 | 59.70 | 3.06 |
| 2450 | 60.39 | 3.42 |
| 2460 | 59.84 | 3.55 |
| 2470 | 61.09 | 3.78 |
| 2480 | 63.53 | 3.71 |
| 2490 | 65.46 | 3.95 |
| 2500 | 63.24 | 3.71 |
| AVERAGE | 63.17 | 3.48 |

Directional pattern TEST

| | | | | | |
|-------------|--------------------|-------------|------|---------------|------------|
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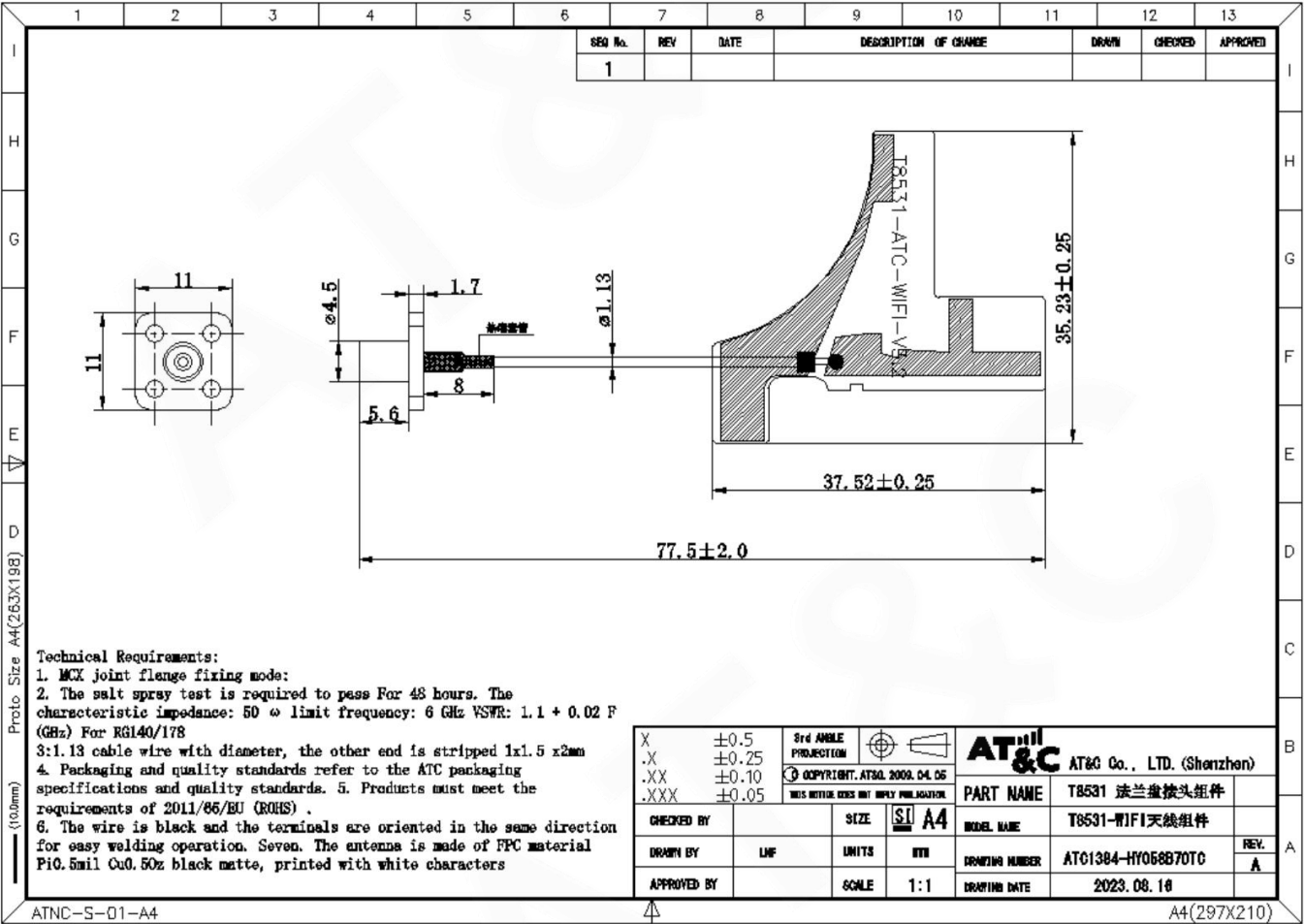


Antenna *OTA

| | | | | | |
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| Channels | Band | TRP | TIS |
|-----------|--------------|-------|--------|
| 2.412 GHz | WIFI_B (11M) | 18.49 | -83.63 |
| 2.437 GHz | WIFI_B (11M) | 18.58 | -84.54 |
| 2.462 GHz | WIFI_B (11M) | 18.61 | -83.47 |

| | | | | | |
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ATNC-S-01-A4

A4(297X210)



Size Report

| | | | | | |
|-------------|--------------------|-------------|------|---------------|------------|
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| part Number | ATC1384-HY058B70TC | Revised By | SHIN | Revised Date | 2023.08.28 |
| Description | WIFI-ANT | Approved By | HJ | Approved Date | 2023.08.28 |

| Size information | | | | | Measuring sample | | | % Tolerance | | Handling opinions | | | |
|------------------|--------------------|-----------|-----------------|-----------------|------------------|-------|-------|-------------|-------|-------------------|--------------------------|--------------------------|----------------|
| number | Dimension property | Dimension | Lower tolerance | Upper tolerance | 1 | 2 | 3 | Upper | Lower | determine | Supplier review comments | Customer review comments | Measuring tool |
| 1 | key point | 77.5 | -2.0 | 2.0 | 77.62 | 77.67 | 77.60 | | | PASS | | | PJ |
| 2 | key point | 37.52 | -0.25 | 0.25 | 37.55 | 37.66 | 10.61 | | | PASS | | | PJ |
| 3 | key point | 35.23 | -0.25 | 0.25 | 35.22 | 35.20 | 35.26 | | | PASS | | | PJ |
| 4 | key point | 1.13 | -0.05 | .005 | 1.12 | 1.12 | 1.13 | | | PASS | | | PJ |



| | | | | | |
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Aitern technology (shenzhen) co. LTD

Material specification report (material proof)



Atc1068-hy002c11ra appearance and function test report

Appearance of the test

| Project | Appearance test contents and standards | Result determination (OK/NG) |
|---------|---|------------------------------|
| 1 | Product surface can not: oxidation, blade, imprint | OK |
| 2 | Product surface can not be: deformation, oil spot, improper trimming phenomenon | OK |
| | | |
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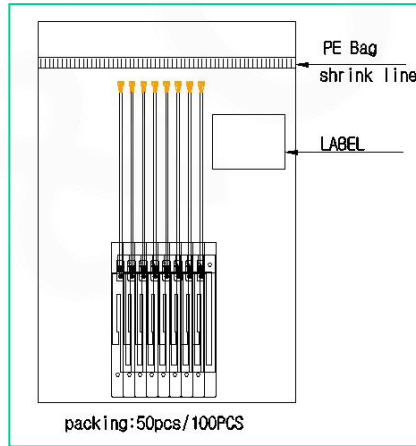
Aitern technology (shenzhen) co. LTD
 Address: room 201, chuangwei chuangu 5C, no.1 tangtou road, shiyan street, bao 'an district, shenzhenAT&C CO.,LTD

Salt spray test report

| | | | | | |
|---------------------------------------|---|-----------------|-----------------------|-----------------|-------------|
| Item name | T8531 ANT | Item type | ATC-1384 | models | T8531 |
| The experimental class | Salt spray test | Number of items | 5 pcs | The researchers | Zhangxuemei |
| The experiment | Sample reliability verification | | | | |
| Experimental conditions | <p>Brine concentration for 5 plus or minus 1%, salt water barrels and the temperature of the laboratory to 35 + 2 °C, saturated air barrel temperature to 47 + 2 °C, PH: 6.5-7.5 KGF/cm2, spray quantity: 1-2 ml / 1 hr / 80 cm2, test time 48 h.</p> <p>Specific reference GBT 10125-1997 standard</p> | | | | |
| Note: | | | | | |
| The experiment on | 《Inspection standard for plated parts》 | | | | |
| The equipment used: | Salt spray test chamber | | | | |
| The experiment |  | | | | |
| After the experiment |  | | | | |
| The experimental conclusion: | After the test, clean water was rinsed and the surface of the shrapnel was not oxidized, discolored or blackened for 2H; | | | | |
| Tester/date: ren kangyong 2023.08..23 | | | Audit: Pengguangliang | | |

Packaging method

PE bag packaging, product emission neat, uniform quantity



Picture: Outer box "I" seal, QC PASS seal on the left side of the outer box, sealed without exposure.



PART LIST

The packing drawing is schematic diagram, which does not mean that the picture is the actual product and the actual shipment is the standard.

| NO | DESCRIPTION | Q'TY | MATERIAL | REMARKS | REV. |
|----|--------------|--------|----------|---------|------|
| 1 | ANTENNA | 1/1000 | | N/A | A |
| 2 | PAD OUT | 1/4 | SW A골 5T | N/A | A |
| 4 | CARTOON BOX | - | SW A골 5T | N/A | A |
| 5 | PACKING TAPE | - | PP | N/A | A |
| | | | | | |