



## Shanghai Chuangmi Technology Co., Ltd.

### Antenna Type

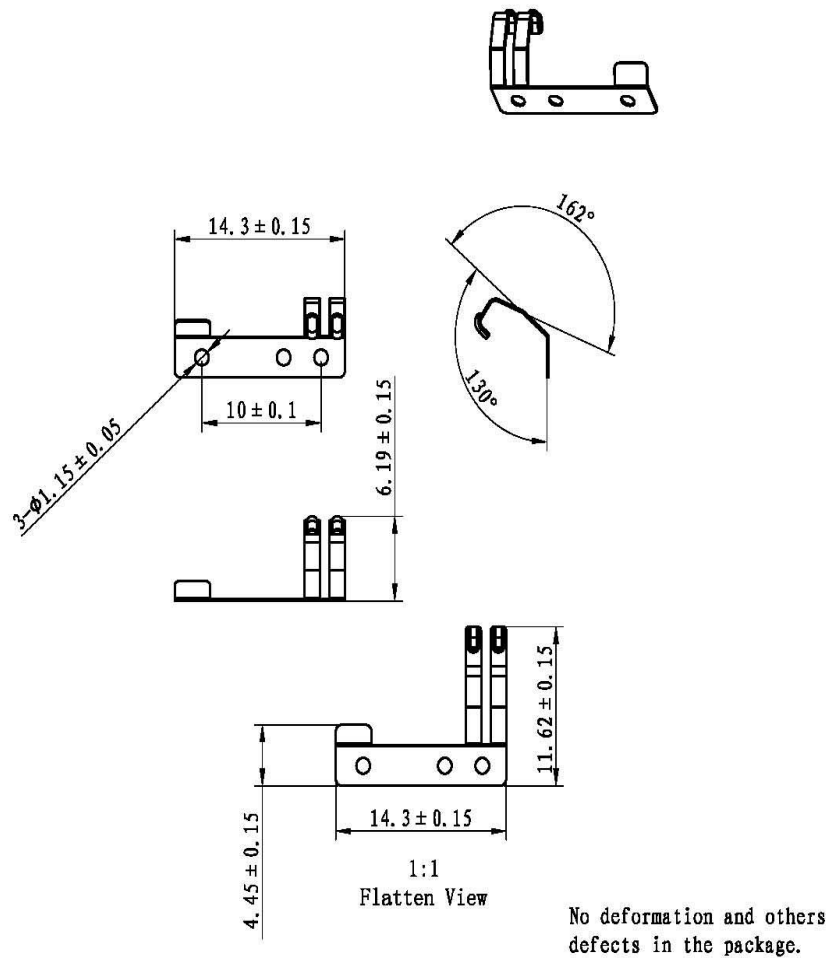
|                    |                                                                                                                                                                                                                                                                                                                                                                                                               |                 |                  |                                                                    |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|--------------------------------------------------------------------|
| Part Description   | Manufacturer Kunshan Yunzhihong Electronic Technology Co. LTD.                                                                                                                                                                                                                                                                                                                                                |                 | Description:     | SUS301 (T=0.15)                                                    |
|                    | Product Name: YH0001_WIFI_MTL                                                                                                                                                                                                                                                                                                                                                                                 |                 | Project:         | IMI_IPC016_A01                                                     |
|                    | Part No.: S1C1431ZZZF                                                                                                                                                                                                                                                                                                                                                                                         |                 |                  |                                                                    |
| Attachments:       | <input type="checkbox"/> Specification <input type="checkbox"/> Drawing <input type="checkbox"/> Sample <input type="checkbox"/> RoHS Report                                                                                                                                                                                                                                                                  |                 |                  |                                                                    |
|                    | <input type="checkbox"/> CPK Report <input type="checkbox"/> FAI Report <input type="checkbox"/> Reliability Report <input type="checkbox"/> RoHS Questionnaire                                                                                                                                                                                                                                               |                 |                  |                                                                    |
|                    | <input type="checkbox"/> QC Flow Chart <input type="checkbox"/> Material Verification Sheet <input type="checkbox"/> Packing Content <input type="checkbox"/> Safety Report                                                                                                                                                                                                                                   |                 |                  |                                                                    |
|                    | * ROHS                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                  |                                                                    |
| Vendor             | Design                                                                                                                                                                                                                                                                                                                                                                                                        |                 | Check            | Approval:                                                          |
| Technology Check   | Mechanical                                                                                                                                                                                                                                                                                                                                                                                                    | Hardware        | ID               | Sourcing                                                           |
|                    | Software                                                                                                                                                                                                                                                                                                                                                                                                      | Keypart         | Engineering      | SQE                                                                |
|                    | Project Manager                                                                                                                                                                                                                                                                                                                                                                                               | Product Manager | Customer         |                                                                    |
| Final Check        | Quality Planning                                                                                                                                                                                                                                                                                                                                                                                              |                 | Rohs Status      | <input type="checkbox"/> RoHS<br><input type="checkbox"/> Non-RoHS |
| Approval condition | <input type="checkbox"/> Approved <input type="checkbox"/> Reject                                                                                                                                                                                                                                                                                                                                             |                 |                  |                                                                    |
| Approval condition | <input type="checkbox"/> Conditional Approved Conditions:                                                                                                                                                                                                                                                                                                                                                     |                 |                  |                                                                    |
|                    | <input type="checkbox"/> Temporary Approved Limited _____Pcs for purchasing                                                                                                                                                                                                                                                                                                                                   |                 |                  |                                                                    |
| Approval by        | RD Leader (Technology Director)                                                                                                                                                                                                                                                                                                                                                                               |                 | Quality Director |                                                                    |
|                    | * Audit by Technology Director or Qunality director on the conditions of special approval                                                                                                                                                                                                                                                                                                                     |                 |                  |                                                                    |
| Distribute         | <input type="checkbox"/> IQC <input type="checkbox"/> hardware <input type="checkbox"/> ME <input type="checkbox"/> Software <input type="checkbox"/> Components <input type="checkbox"/> ID<br><input type="checkbox"/> Vendor <input type="checkbox"/> Customer <input type="checkbox"/> outsoucing <input type="checkbox"/> Engineering <input type="checkbox"/> SQE <input type="checkbox"/> Others _____ |                 |                  |                                                                    |



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| REVISION | ECO# | REVISION NOTE                     | AUTHOR  | DATE    |
|----------|------|-----------------------------------|---------|---------|
| A0       |      | Initial version for Tool making   | WENFENG | 18-8-29 |
| A1       |      | Hole added, antenna cutdown 0.3mm | WENFENG | 18-9-13 |
|          |      |                                   |         |         |



Notes:

1. Part should be meets the 3D model.
2. Material: SUS301
3. Meet the quality requirements.
4. Material grain direction is allowed 45 to 90 degree with bend line.
5. Burr should be below 0.02mm.
6. FAI: 5pcs for full dimensions.
7. No change on material without engineering department.
8. Accord with RoHS requirement.

|           |                 |                                             |               |       |
|-----------|-----------------|---------------------------------------------|---------------|-------|
| Part Name | YH0001-WIFI-MTL | Drawing No.                                 | YH.CM.01.0001 |       |
|           |                 | Cust. part No.                              | S1C1431ZZZF   |       |
| Material  | SUS301          | Weight                                      |               | Scale |
|           |                 | g                                           |               | 2:1   |
|           |                 | Total 1 Page                                | 1st Page      |       |
|           |                 | Kunshan YZH Electric and Technology Co.Ltd. |               |       |

# Full Dimensions Report

[illegible]

# CPK Report

|  |                  |                 |       |               |                                                        |         |
|--|------------------|-----------------|-------|---------------|--------------------------------------------------------|---------|
|  | Part Number      | S1C1431ZZZF     |       | Vendor        | Kunshan Yunzhihong Electronics and Technology Co.,Ltd. |         |
|  | Description      | IPC016 WIFI MTL |       | Inspected     | Sinfo Pan                                              |         |
|  | Tool Number      | YZH00135        |       | Inches/MM     | MM                                                     |         |
|  | Cavity           | 1               |       | Material Name | Metal                                                  |         |
|  |                  |                 |       | Material Code | SUS 301 3/4H                                           |         |
|  | Revision         | A0              |       | Date          | 3-Sep-18                                               |         |
|  | Dim. Designator) | 1               | 2     | 3             |                                                        |         |
|  | Nominal          | 14.30           | 6.19  |               |                                                        |         |
|  | + Tolerance      | 0.15            | 0.15  |               |                                                        |         |
|  | - Tolerance      | -0.15           | -0.15 |               |                                                        |         |
|  | Upper Limit      | 14.45           | 6.34  |               | 0.00                                                   | 0.00    |
|  | Lower Limit      | 14.15           | 6.04  |               | 0.00                                                   | 0.00    |
|  | 1                | 14.386          | 6.239 |               |                                                        |         |
|  | 2                | 14.341          | 6.197 |               |                                                        |         |
|  | 3                | 14.366          | 6.216 |               |                                                        |         |
|  | 4                | 14.381          | 6.219 |               |                                                        |         |
|  | 5                | 14.375          | 6.197 |               |                                                        |         |
|  | 6                | 14.356          | 6.257 |               |                                                        |         |
|  | 7                | 14.341          | 6.199 |               |                                                        |         |
|  | 8                | 14.386          | 6.197 |               |                                                        |         |
|  | 9                | 14.381          | 6.196 |               |                                                        |         |
|  | 10               | 14.373          | 6.199 |               |                                                        |         |
|  | 11               | 14.366          | 6.197 |               |                                                        |         |
|  | 12               | 14.341          | 6.296 |               |                                                        |         |
|  | 13               | 14.385          | 6.199 |               |                                                        |         |
|  | 14               | 14.356          | 6.192 |               |                                                        |         |
|  | 15               | 14.341          | 6.196 |               |                                                        |         |
|  | 16               | 14.385          | 6.199 |               |                                                        |         |
|  | 17               | 14.386          | 6.197 |               |                                                        |         |
|  | 18               | 14.341          | 6.196 |               |                                                        |         |
|  | 19               | 14.386          | 6.333 |               |                                                        |         |
|  | 20               | 14.381          | 6.197 |               |                                                        |         |
|  | 21               | 14.375          | 6.196 |               |                                                        |         |
|  | 22               | 14.386          | 6.194 |               |                                                        |         |
|  | 23               | 14.341          | 6.197 |               |                                                        |         |
|  | 24               | 14.388          | 6.196 |               |                                                        |         |
|  | 25               | 14.396          | 6.199 |               |                                                        |         |
|  | 26               | 14.341          | 6.197 |               |                                                        |         |
|  | 27               | 14.395          | 6.196 |               |                                                        |         |
|  | 28               | 14.356          | 6.199 |               |                                                        |         |
|  | 29               | 14.381          | 6.197 |               |                                                        |         |
|  | 30               | 14.391          | 6.196 |               |                                                        |         |
|  | 31               | 14.382          | 6.197 |               |                                                        |         |
|  | 32               | 14.375          | 6.196 |               |                                                        |         |
|  | MAX.             | 14.40           | 6.33  | 0.00          | 0.00                                                   | 0.00    |
|  | MIN.             | 14.34           | 6.19  | 0.00          | 0.00                                                   | 0.00    |
|  | AVERAGE          | 14.37           | 6.21  | #DIV/0!       | #DIV/0!                                                | #DIV/0! |
|  | STDEV            | 0.02            | 0.03  | #DIV/0!       | #DIV/0!                                                | #DIV/0! |
|  | CP               | 2.65            | 1.60  | #DIV/0!       | #DIV/0!                                                | #DIV/0! |
|  | Cpk              | 1.40            | 1.40  | #DIV/0!       | #DIV/0!                                                | #DIV/0! |
|  | TOOLING          |                 |       |               |                                                        |         |

Audit:

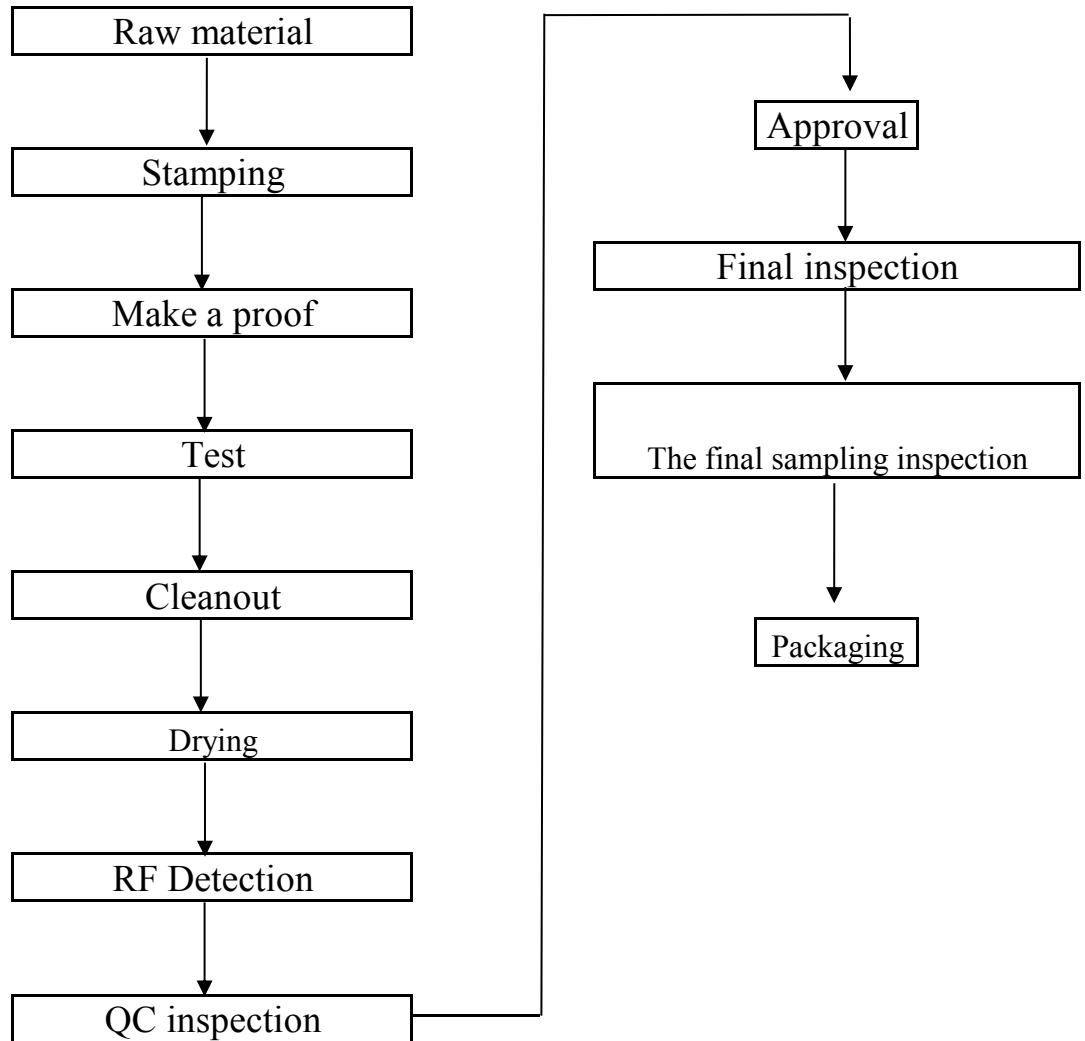
Editor:

Date:

|                                                    |                               |                                            |              |       |                                                  |             |                   |                                        |                                                 |              |
|----------------------------------------------------|-------------------------------|--------------------------------------------|--------------|-------|--------------------------------------------------|-------------|-------------------|----------------------------------------|-------------------------------------------------|--------------|
| Kunshan Yunzhihong Electronic Technology Co., Ltd. |                               |                                            |              |       |                                                  |             |                   |                                        |                                                 |              |
| Survey report                                      |                               |                                            |              |       |                                                  |             |                   |                                        |                                                 |              |
|                                                    |                               |                                            |              |       |                                                  |             | Serial            |                                        | D20180903                                       |              |
| Customer                                           | Chuangmi                      |                                            | Product name |       | IPC016                                           |             | Amount            |                                        | 5pcs                                            |              |
| Part Number                                        | S1C1431ZZF                    |                                            | Orig. Date   |       | 3-Sep-18                                         |             | Proving time      |                                        | 3-Sep-18                                        |              |
| Sampling plan                                      | GB/T2828.1-2012 Sampling plan |                                            |              |       |                                                  | test level  |                   | A normal sampling plan    AQL=0.4      |                                                 |              |
| N0                                                 | inspection item               | inspection item                            |              |       | Norm                                             |             | sampling quantity | Allowable number of defective products | Measurement of the number of defective products | DecideOK/NG  |
| 1                                                  | Appearance                    | eyeballing n                               |              |       | Surface stains, black spots                      |             |                   | 0                                      | 0                                               | OK           |
| 2                                                  | Colour                        | Visual chromatic aberration, color         |              |       | The same batch can not have obvious visual color |             |                   | 0                                      | 0                                               | OK           |
| 3                                                  | Size                          | Part of the real world measurement value   |              |       |                                                  |             |                   |                                        |                                                 | Decide OK/NG |
|                                                    |                               | 1                                          | 2            | 3     | 4                                                | 5           |                   |                                        |                                                 |              |
| 7                                                  | 14.3±0.15                     | 14.38                                      | 14.37        | 14.32 | 14.32                                            | 14.39       |                   |                                        |                                                 | OK           |
|                                                    | 6.19±0.15                     | 6.18                                       | 6.16         | 6.21  | 6.14                                             | 6.13        |                   |                                        |                                                 | OK           |
| 8                                                  | 11.62±0.15                    | 11.66                                      | 11.68        | 11.59 | 11.62                                            | 11.60       |                   |                                        |                                                 | OK           |
| 10                                                 | Continuity test               | Test the conduction status of all          |              |       |                                                  |             |                   |                                        |                                                 | OK           |
| 11                                                 | Network component consistency | Test the consistency of the welded product |              |       |                                                  |             |                   |                                        |                                                 | OK           |
|                                                    |                               |                                            |              |       |                                                  |             |                   |                                        |                                                 |              |
|                                                    |                               |                                            |              |       |                                                  |             |                   |                                        |                                                 |              |
| Decide (OK/NG)                                     |                               | OK                                         |              |       |                                                  |             |                   |                                        |                                                 |              |
|                                                    |                               |                                            |              |       | Producer                                         | zhengjinjin | Notari            | huangjin                               |                                                 |              |

## Process Flow Chart

|                    |                                        |                    |            |                      |          |
|--------------------|----------------------------------------|--------------------|------------|----------------------|----------|
| <b>Customer</b>    | Shanghai Chuangmi Technology Co., LTD. | <b>Written By</b>  | Feng Wen   | <b>Orig. Date</b>    | 3-Sep-18 |
| <b>Part Number</b> | S1C1431ZZZF                            | <b>Revised By</b>  | Xuehua Lan | <b>Revised Date</b>  | 3-Sep-18 |
| <b>Description</b> | YH0001_WIFI_MTL                        | <b>Approved By</b> | Sinfo Pan  | <b>Approved Date</b> | 3-Sep-18 |



# QC engineering drawing

| Customer               |               | Chaungmi                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Written By  | huang qing                                                             |                                                                     | Orig. Date          | 3-Sep-18                                                                  |                                                  |
|------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------|--------------------------------------------------|
| Part Number            |               | S1C1431ZZZF                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Revised By  | /                                                                      |                                                                     | Revised Date        | /                                                                         |                                                  |
| Description            |               | IPC016                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Approved By | lai wei jiang                                                          |                                                                     | Approved Date       | 3-Sep-18                                                                  |                                                  |
| Section                | Serial number | Process flow chart                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             | Control point                                                          | Facility                                                            | Frock               | Monitoring and measuring device                                           |                                                  |
| Quality department     | 1             | <pre>graph TD     A[Matrial Inspect] -- NG --&gt; B[Reject]     A -- OK --&gt; C[incoming material storage]     C --&gt; D[Stamping debugging]     D --&gt; E{FAI}     E -- NG --&gt; D     E -- OK --&gt; F[Punch]     F --&gt; G{IPQC}     G -- N --&gt; H[Reject record]     H --&gt; I[Scrap]     G -- OK --&gt; J[Clean]     J --&gt; K[Full dimensions]     K --&gt; L[Package]     L --&gt; M{OQC}     M -- O --&gt; N[storage]     N --&gt; O[Shipment]</pre> |             | Material composition/environmental protection/Specification/appearance |                                                                     |                     | Quantity/label material proof/spectrum analyzer/caliper/micrometer/visual |                                                  |
| Warehouse department   | 2             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | First in first out Storage conditions                                  |                                                                     |                     | The ERP system Temperature, hygrometer                                    |                                                  |
| Stamping department    | 3             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | Stamping debugging                                                     | 60T Punching machine                                                | Mould: CFK72-3237-A | Visual Check record                                                       |                                                  |
| Quality department     | 4             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | FAI                                                                    | 1. For full size, please refer to the drawing<br>2, appearance      |                     |                                                                           | Height indicator/gage/caliper/micrometer/visual  |
| Stamping department    | 5             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | Punch                                                                  | Appearance                                                          | 60Tpunch            | Mould: CFK72-3237-A                                                       | Visual                                           |
| Quality department     | 6             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | IPQC                                                                   | 1. For key dimensions, please refer to the drawing<br>2, appearance |                     |                                                                           | Height indicator/gage/caliper/micrometer/visual  |
| Packaging division     | 7             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | Clean                                                                  | Appearance (defective surface)                                      |                     |                                                                           | Visual                                           |
| Packaging division     | 7             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | Full dimensions                                                        | Appearance (surface dirt, grease, oxidation, etc.)                  |                     |                                                                           | Visual                                           |
| Packaging division     | 8             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | Package                                                                | Appearance                                                          |                     |                                                                           | Visual                                           |
| Quality department     | 9             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | OQC                                                                    | The key size                                                        |                     |                                                                           | Height instrument/gage/caliper/micrometer/visual |
| Warehousing            | 10            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | storage                                                                | Quantity/Label Storage conditions                                   |                     |                                                                           | Visual Temperature, hygrometer                   |
| Warehousing department | 11            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             | Shipment                                                               | Quantity/Label Storage conditions                                   |                     |                                                                           | Visual                                           |

## Reliability test report

|                                                                                                                                                                                    |                                                        |                 |                                     |               |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------|-------------------------------------|---------------|----------|
| Customer                                                                                                                                                                           | Chuangmi                                               | Written By      | WENFENG                             | Orig. Date    | 3-Sep-18 |
| Part Number                                                                                                                                                                        | S1C1431ZZZF                                            | Revised By      | Xuehua Lan                          | Revised Dat   | 3-Sep-18 |
| Description1                                                                                                                                                                       | YH0001_WIFI_MTL                                        | Approved By     | Sino Pan                            | Approved Date | 3-Sep-18 |
| Trail date: August 20, 2018                                                                                                                                                        |                                                        |                 | Theexperimentalcode: 20180810001    |               |          |
| Testmethod: Salt spray test                                                                                                                                                        |                                                        |                 |                                     |               |          |
|                                                                                                                                                                                    |                                                        |                 |                                     |               |          |
| Sample                                                                                                                                                                             | Name                                                   | IPC016_WIFI_MTL | The<br>thickness                    | NI            | AU       |
|                                                                                                                                                                                    | Texture                                                | Shrapnel        |                                     | 2-8um         | ≥0.03um  |
|                                                                                                                                                                                    | Preexperimental<br>appearance                          | OK              | Quantit<br>y                        | 7 PCS         |          |
| Experiment condition                                                                                                                                                               | Experimental time: 8:00 on the 8th to 8:00 on the 10th |                 |                                     |               |          |
|                                                                                                                                                                                    | Spray time: 48 hours                                   |                 | Moisturizing time: 48 hours         |               |          |
|                                                                                                                                                                                    | Laboratory temperature: 35℃±2℃                         |                 | Pressure barrel temperature: 46℃±2℃ |               |          |
|                                                                                                                                                                                    | Laboratory relative humidity: 65%—75%                  |                 | Atmospheric pressure: 101-02 kPa    |               |          |
|                                                                                                                                                                                    | NaCl concentration: 5%±0.5%                            |                 | PH value: 6.5-7.2 (neutral))        |               |          |
| The experiment described                                                                                                                                                           | Postexperimental<br>appearance                         | OK              |                                     |               |          |
|                                                                                                                                                                                    | Appearance after removal<br>of corrosion products      | OK              |                                     |               |          |
| Experimental result                                                                                                                                                                | OK                                                     |                 |                                     |               |          |
| Remark                                                                                                                                                                             |                                                        |                 |                                     |               |          |
| <div style="display: flex; justify-content: space-between; padding: 5px;"> <span>Producer:XIANGZHIWEI</span> <span>Confirm:HUANG QING</span> <span>Audit:LAI WEIJING</span> </div> |                                                        |                 |                                     |               |          |

## Antenna Performance Report

|              |                 |             |            |               |          |
|--------------|-----------------|-------------|------------|---------------|----------|
| Customer     | Chuangmi        | Written By  | WENFENG    | Orig. Date    | 3-Sep-18 |
| Part Number  | S1C1431ZZZF     | Revised By  | Xuehua Lan | Revised Date  | 3-Sep-18 |
| Description1 | YH0001_WIFI_MTL | Approved By | Sinfo Pan  | Approved date | 3-Sep-18 |

IPC016 antenna report 20190411

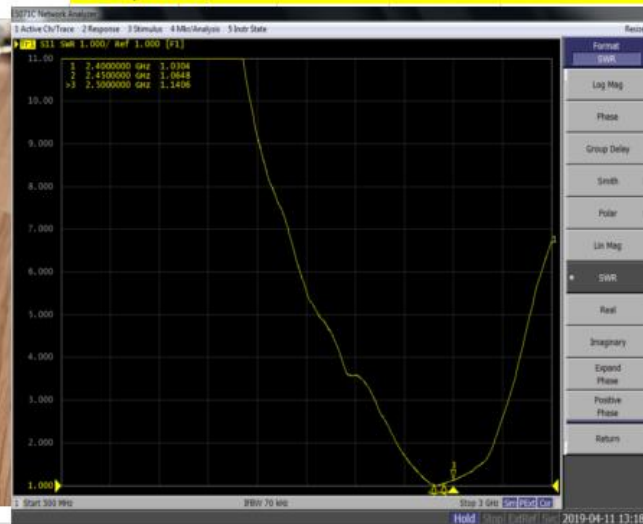
Test engineer

LSHIQ

Machine images



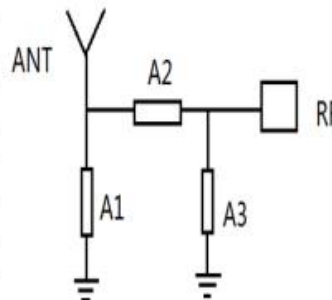
S11 (VSWR)



Antenna Efficiency

| F (MHz) | Eff (%) | Eff (dB) | Gain(dBi) |
|---------|---------|----------|-----------|
| 2400    | 53.34   | -2.73    | 2.13      |
| 2410    | 53.52   | -2.71    | 2.11      |
| 2420    | 56.87   | -2.45    | 3.42      |
| 2430    | 55.88   | -2.53    | 2.05      |
| 2440    | 56.25   | -2.50    | 2.57      |
| 2450    | 57.87   | -2.38    | 3.43      |
| 2460    | 58.59   | -2.32    | 2.29      |
| 2470    | 56.34   | -2.49    | 2.12      |
| 2480    | 53.23   | -2.74    | 2.25      |
| 2490    | 54.43   | -2.64    | 2.41      |
| 2500    | 55.25   | -2.58    | 3.18      |

Matching circuit



| Element  | Value |
|----------|-------|
| A1(0201) | 0.5PF |
| A2(0201) | 3.6nH |
| A3(0201) | N/A   |

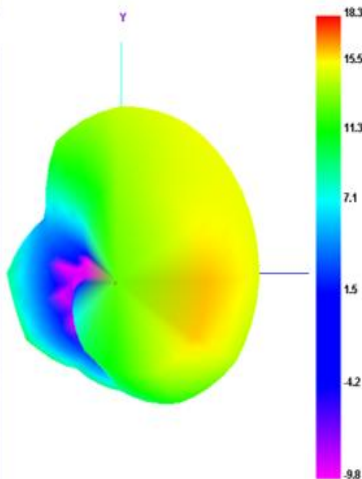
# Pattern

## Antenna Radiation Pattern

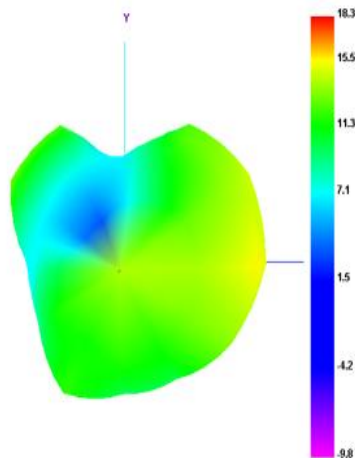
2412MHz



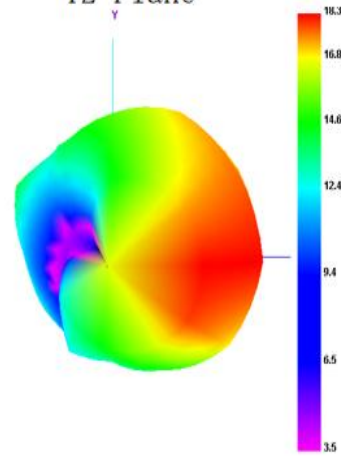
XY Plane



XZ Plane

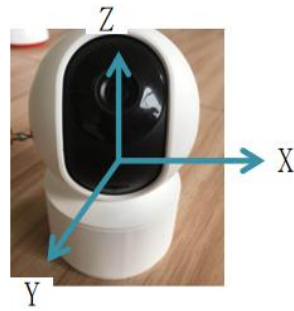


YZ Plane

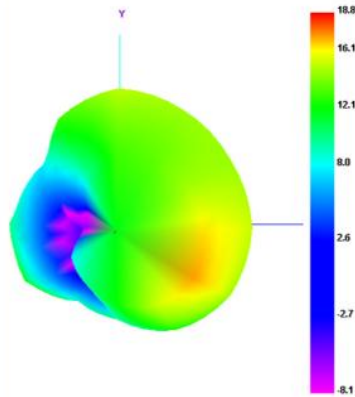


# Antenna Radiation Pattern

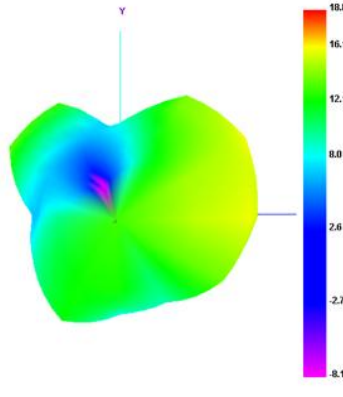
2442MHz



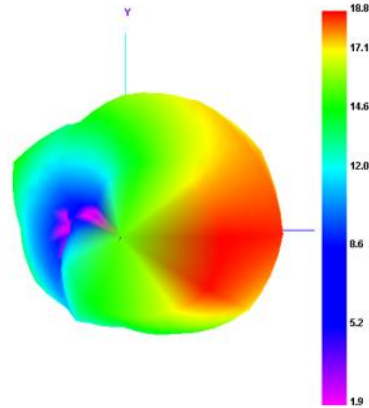
XY Plane



XZ Plane



YZ Plane

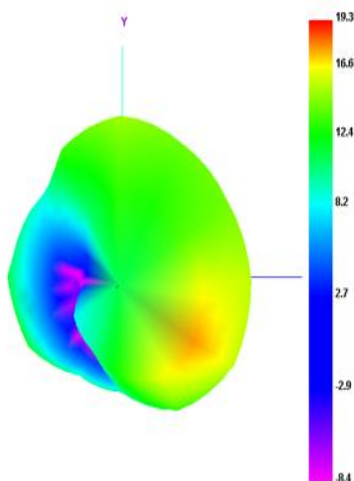


# Antenna Radiation Pattern

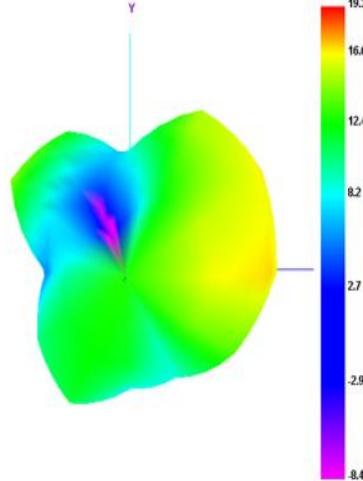
2462MHz



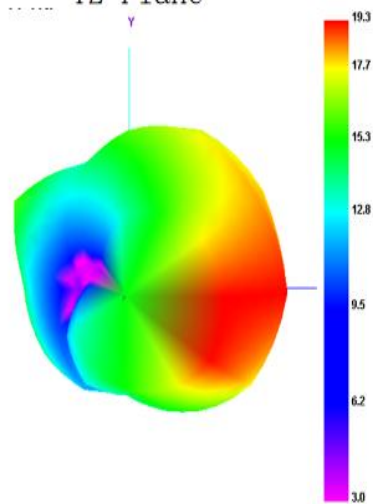
XY Plane



XZ Plane



YZ Plane



| Antenna gain |         |          |           |
|--------------|---------|----------|-----------|
| F(MHz)       | Eff (%) | Eff (dB) | Gain(dBi) |
| 2400         | 53.34   | -2.73    | 2.13      |
| 2410         | 53.52   | -2.71    | 2.11      |
| 2420         | 56.87   | -2.45    | 3.42      |
| 2430         | 55.88   | -2.53    | 2.05      |
| 2440         | 56.25   | -2.50    | 2.57      |
| 2450         | 57.87   | -2.38    | 3.43      |
| 2460         | 58.59   | -2.32    | 2.29      |
| 2470         | 56.34   | -2.49    | 2.12      |
| 2480         | 53.23   | -2.74    | 2.25      |
| 2490         | 54.43   | -2.64    | 2.41      |
| 2500         | 55.25   | -2.58    | 3.18      |

# BOM

[illegible]

# RoHS Limited Substance Composition Questionnaire

Supplier : Kunshan Yunzhihong Electronic Technology Co. LTD

| Product Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                     |                    |                         |                 |                                                       |      |      |                     |                               |        |      |      |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------|--------------------|-------------------------|-----------------|-------------------------------------------------------|------|------|---------------------|-------------------------------|--------|------|------|--------|
| Product name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | Client project name |                    | Supplier material no    |                 | Manufacturer                                          |      |      |                     | Green material identification |        |      |      |        |
| S1C1431ZZZF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | IMI_IPC016_A01      |                    | YH0001_WIFI_MTL         |                 | Kunshan Yunzhihong Electronics and Technology Co. LTD |      |      |                     | /                             |        |      |      |        |
| Product composition information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                     |                    |                         |                 |                                                       |      |      |                     |                               |        |      |      |        |
| NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Name of parts | Parts material,     | Component supplier | Third-party test report |                 | PPM limit substance content                           |      |      |                     |                               |        |      |      | Remark |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                     |                    | Date                    | Serial number   | (Pb)                                                  | (Cd) | (Hg) | (Cr <sup>6+</sup> ) | (PBB)                         | (PBDE) | (Br) | (Cl) |        |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SUS301        |                     |                    | April 22, 2019          | SZXEC1901037402 | ○                                                     | ○    | ○    | ○                   | ○                             | ○      | ○    | ○    |        |
| <p>Note: 1、 Please indicate whether the content of the six restricted substances is in compliance or not in terms of ○ and ×;The compliance person is represented by ○;Non-compliance is expressed as ×.</p> <p>2. PPM limit value: cadmium &lt;100PPM;Lead/mercury/hexavalent chromium /PBB/PBDE&lt;1000PPM</p> <p>3. The total amount of lead, hexavalent chromium, mercury and cadmium in packaging materials shall not exceed 100ppm.</p> <p>4. This form should be completed and stamped by the supplier.(Provide stamped paper or scanned PDF document)</p> <p>5. If the limited substance exceeds the standard but complies with the exemption clause, please explain in the remarks.</p> |               |                     |                    |                         |                 |                                                       |      |      |                     |                               |        |      |      |        |

Producer: wenfeng

Company/Department: Quality Department

# Package

General requirements:

- 1. Describe the customer name, project name and model.
- 2. Picture description of internal and external boxes, packing method at delivery, number of layers, number of single layer, etc
- 3. Fill in the name and quantity of packaging materials in the remarks column
- 4. Signature of quality supervisor, date



Figure 1: Single layer small box or other form



Figure 2: Basic packing method of inner case



Figure 3: Packing case

|                |                                                     |    |
|----------------|-----------------------------------------------------|----|
| Part Number:   | S1C1431ZZZF                                         |    |
| Part name:     | YH0001_wifi_mtl                                     |    |
| Part version:  | A                                                   |    |
| Wayofpacking : | Small box + cardboard + inner carton + outer carton |    |
| Inner box      | Plies:                                              | 2  |
| Carton         | Inner box qty                                       | 18 |
| Commnets:      |                                                     |    |
|                |                                                     |    |
| Sign:          |                                                     |    |