

# 承 认 书

## Specification For Approval

(客户) CUSTOMER: 8001

(客户料号) CUSTOMER P/N: 301000087177

(内部料号) MD P/N: 8001119800272G

(品名) DESCRIPTION: RF CABLE ASSEMBLY

(日期): DATE: 2022 年 09 月 29 日

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### 客户承认签章 (CUSTOMER'S SIGNATURE FOR APPROVAL):

| 批准 (APPROVED) | 核对 (CHECKED) | 承办 (PREPARED) |
|---------------|--------------|---------------|
|               |              |               |

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### 厂内签章 (OUR OWN SIGNATURE FOR APPROVAL):

| 批准 (APPROVED) | 核对 (CHECKED) | 承办 (PREPARED) |
|---------------|--------------|---------------|
| Ken.Wan       | Jason.Chen   | Peter.Lee     |

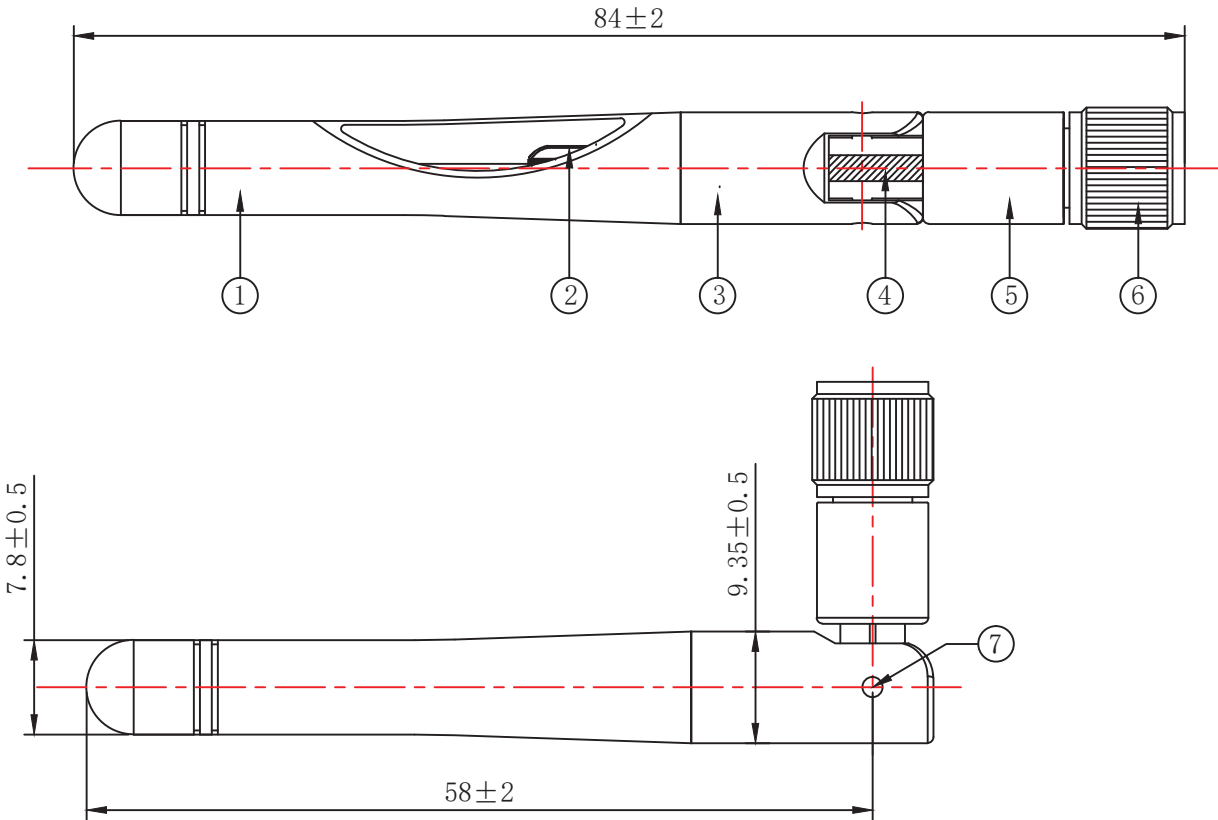
[illegible]

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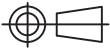
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| VERSION |             |          |      |
|---------|-------------|----------|------|
| ISSUE   | DESCRIPTION | DATE     | NOTE |
| 1.0     | NEW ISSUE   | 18.08.20 |      |

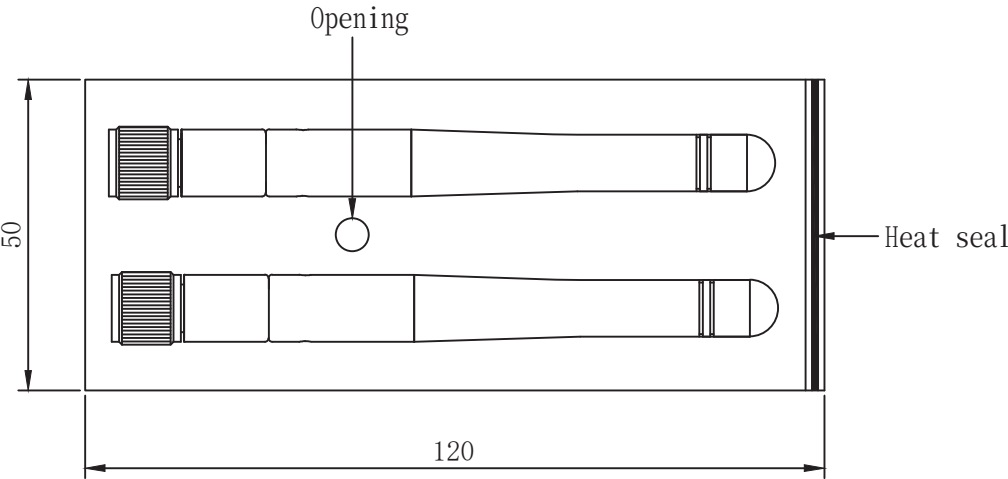


SPECIFICATION:  
FREQUENCY:2.4~2.5GHz  
VSWR:2.0MAX  
GAIN:2.0dBi  
RoHS Compliant

|     |             |                                               |      |
|-----|-------------|-----------------------------------------------|------|
| 7   | RIVET       | POM, COLOR:WHITE                              | 2PCS |
| 6   | CONNECTOR   | SMA P/R FOR RG178 CABLE (WHITE PLASTIC SHELL) | 1PCS |
| 5   | BOTTOM BASE | PBT, COLOR:WHITE                              | 1PCS |
| 4   | CABLE       | RG178 CABLE, BROWN, 50 Ω                      | 1PCS |
| 3   | UPPER BASE  | PC, COLOR:WHITE                               | 1PCS |
| 2   | GROUND TUBE | BRASS, TIN-PLATED                             | 1PCS |
| 1   | ANTENNA CAP | TPE, COLOR:WHITE                              | 1PCS |
| NO. | PART NAME   | DESCRIPTION                                   | QTY  |

|                                                                                       |       |                             |                |
|---------------------------------------------------------------------------------------|-------|-----------------------------|----------------|
|  |       |                             |                |
|  |       | TITLE:<br>RF CABLE ASSEMBLY |                |
| UNIT:MM                                                                               |       |                             |                |
| CUSTOMER                                                                              | 8001  |                             |                |
| DRAW                                                                                  | Jason | CUST. MODEL                 | /              |
| CHECK                                                                                 | Totti | CUST. P/N                   | 301000087177   |
| APPROVE                                                                               | Peter | MD. P/N                     | 8001119800272G |

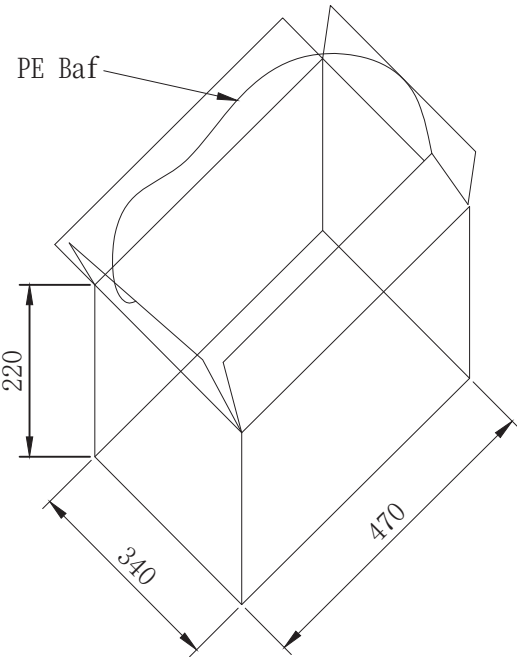
| VERSION |             |          |      |
|---------|-------------|----------|------|
| ISSUE   | DESCRIPTION | DATE     | NOTE |
| 1.0     | NEW ISSUE   | 18.08.20 |      |



Remark:

- 1. Pack a small PE bag for every 2PCS, and a large PE bag for every 50 small PE bags.
- 2. 1PCS waterproof bags and 2PCS flat cards for each box

The specific packing data shall be subject to the actual packing data in production.



| molink  |          |             |                             |
|---------|----------|-------------|-----------------------------|
|         | UNIT:MM  |             | TITLE:<br>RF CABLE ASSEMBLY |
|         | CUSTOMER | 8001        |                             |
| DRAW    | Jason    | CUST. MODEL | /                           |
| CHECK   | Totti    | CUST. P/N   | 301000087177                |
| APPROVE | Peter    | MD. P/N     | 8001119800272G              |



## Sample test record form

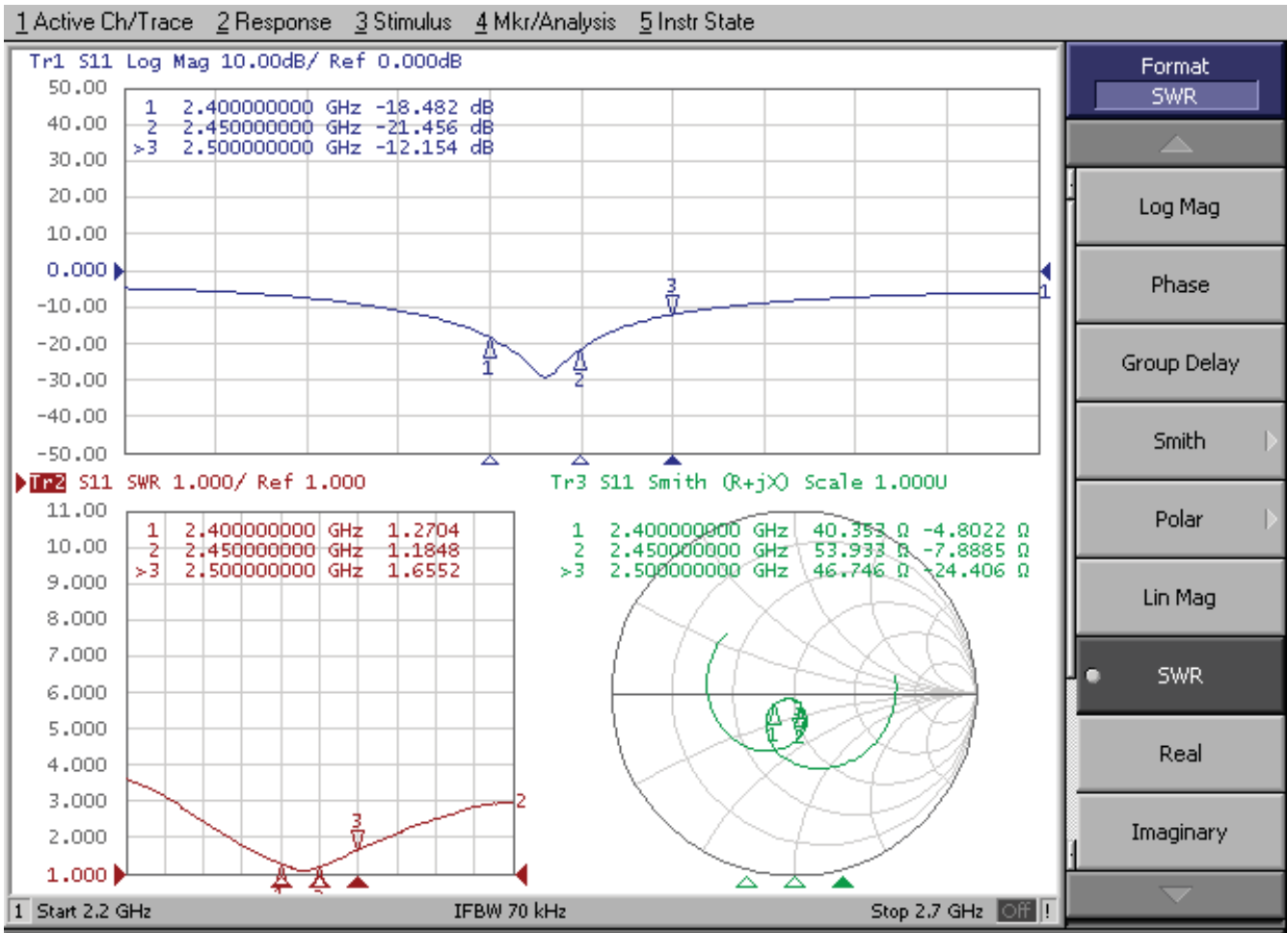
|                                                  |                                |                            |              |            |                   |            |            |                  |    |
|--------------------------------------------------|--------------------------------|----------------------------|--------------|------------|-------------------|------------|------------|------------------|----|
| CUST                                             | 8001                           | CUST. P/N                  | 301000087177 | MD. P/N    | 8001119800272G    |            |            |                  |    |
| QTY                                              | 5PCS                           | DATE                       | 2022. 09. 29 | PART NAME  | RF CABLE ASSEMBLY |            |            |                  |    |
| Test Project                                     |                                | Test condition             | Test result  |            |                   |            |            | Judgement result |    |
|                                                  |                                |                            | Specimen 1   | Specimen 2 | Specimen 3        | Specimen 4 | Specimen 5 | OK               | NG |
| Size Length                                      | Size 1 Length                  | 84±2                       | 84           | 84         | 84.5              | 84.9       | 84.1       | √                |    |
|                                                  | Size 2 Length                  | 58±2                       | 57.9         | 58         | 58                | 58         | 58         | √                |    |
|                                                  | Size 3 Length                  | 7.8±0.5                    | 7.8          | 7.85       | 7.8               | 7.8        | 7.8        | √                |    |
|                                                  | Size 4 Length                  | 9.35±0.5                   | 9.34         | 9.35       | 9.34              | 9.35       | 9.35       | √                |    |
| Electrical Testing                               | 1. Frequency Rang<br>2. VSWR   | 1. 2.4~2.5GHz<br>2. 2.0Max | PASS         | PASS       | PASS              | PASS       | PASS       | √                |    |
| Appearance                                       | Good appearance,<br>no damage. | Visual                     | PASS         | PASS       | PASS              | PASS       | PASS       | √                |    |
| Final determination: [√]Qualified [ ]Unqualified |                                |                            |              |            |                   |            |            |                  |    |

Audit: Peter

Examine: Jason

电性测试报告Electrical Test Report

驻波图 STATIONARY WAVE



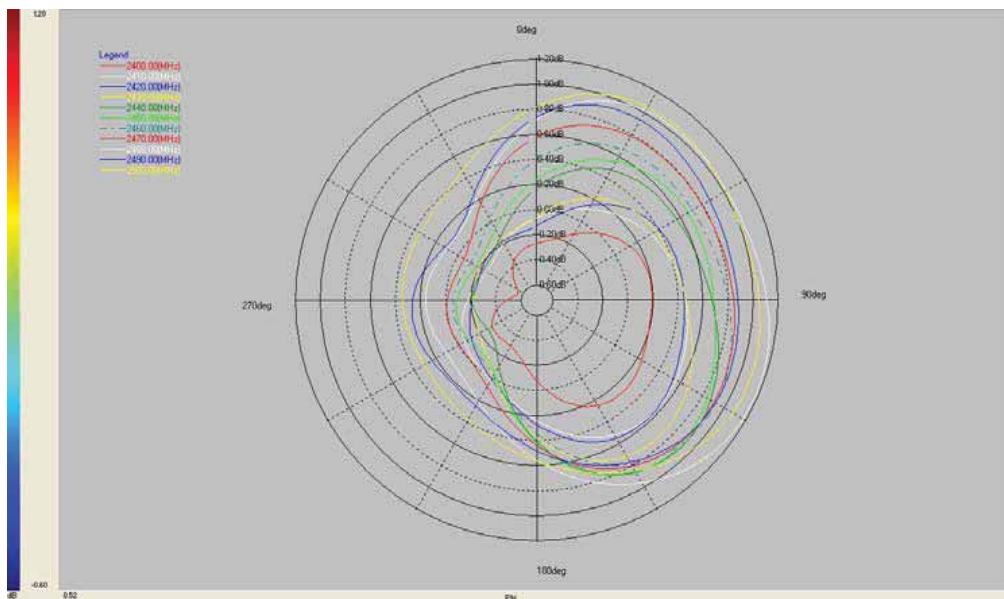
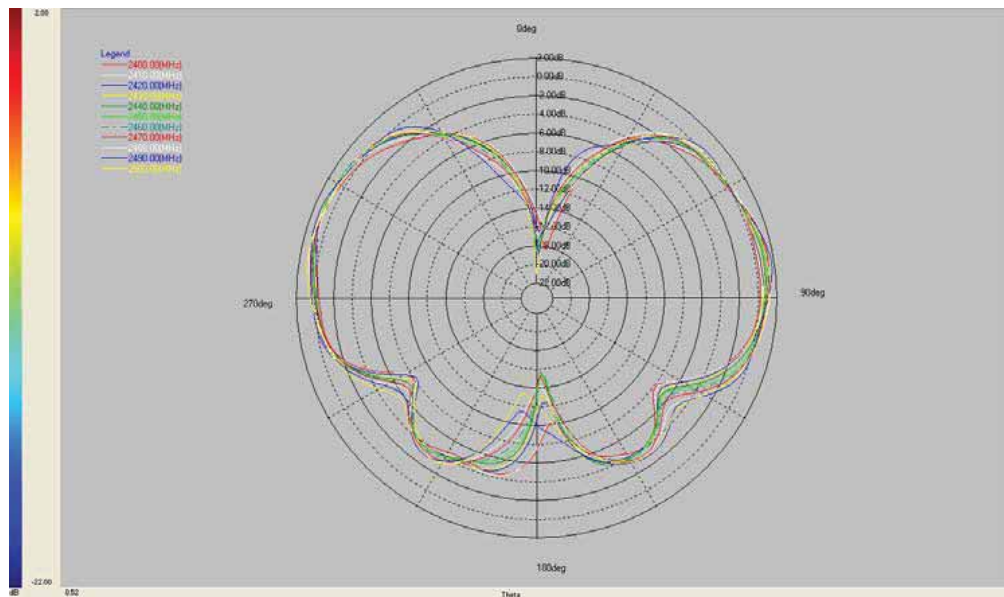
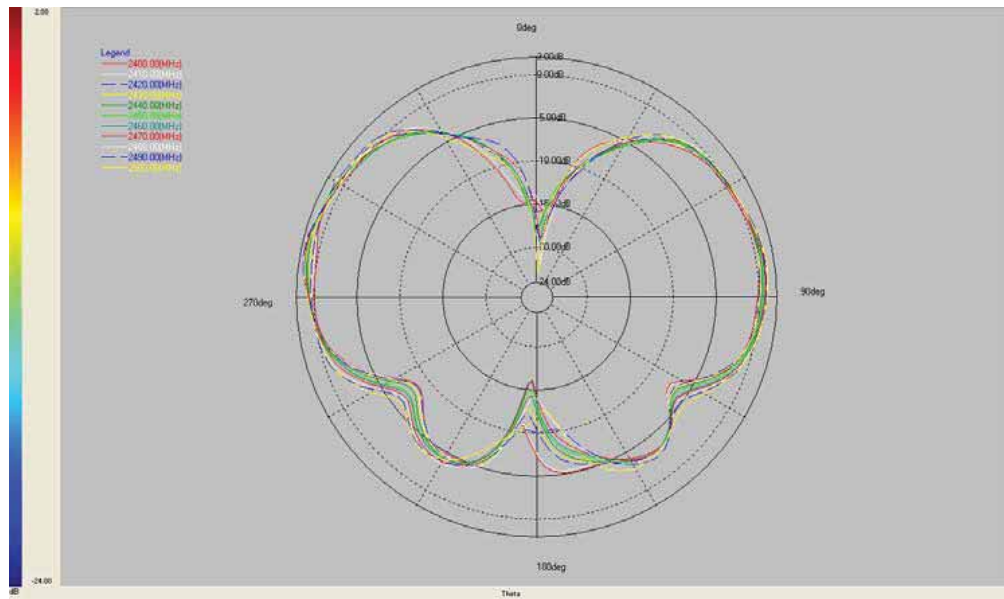
# 规格表 Specification

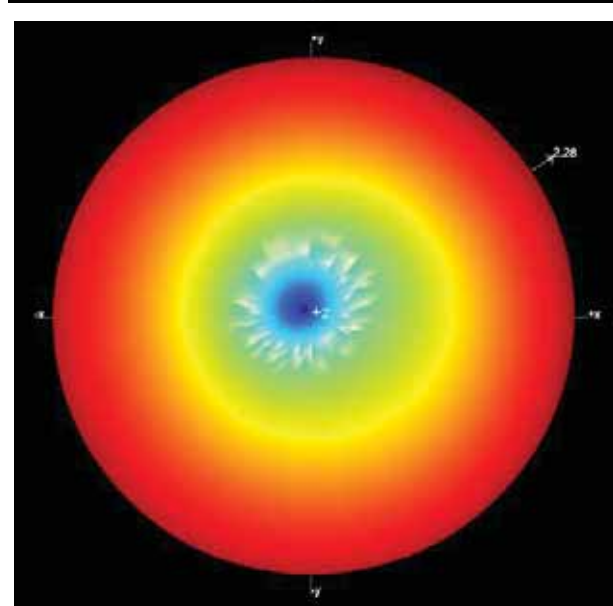
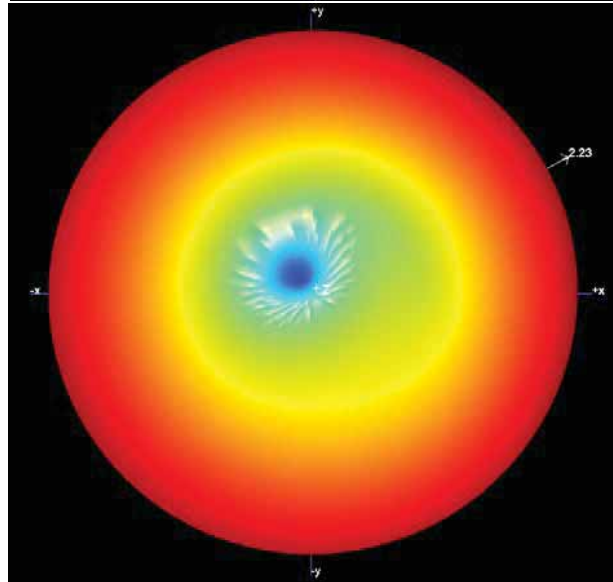
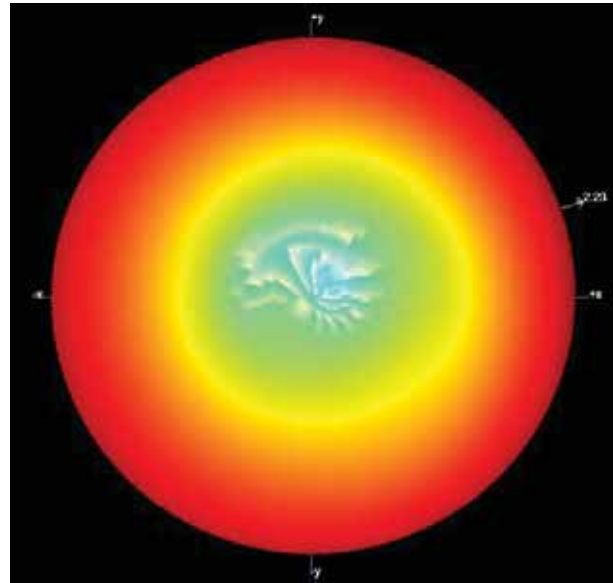
|                                |                                                         |
|--------------------------------|---------------------------------------------------------|
| <b>A.Electrical Properties</b> |                                                         |
| <b>Frequency Rang</b><br>频段范围  | <b>2400~2500MHz</b>                                     |
| <b>Impedance</b><br>特性阻抗       | <b>50Ω Nominal</b>                                      |
| <b>VSWR</b><br>电压驻波比           | <b>2.0 Max.</b>                                         |
| <b>Gain(peak)</b><br>增益（峰值）    | <b>2.0 dBi</b>                                          |
| <b>Out of roundness</b><br>不圆度 | <b>3.0 dBi（Max.）</b>                                    |
| <b>Radiation</b><br>辐射方式       | <b>Omni-Directional</b><br>全向                           |
| <b>Polarization</b><br>极化方式    | <b>Linear Vertical</b><br>垂直                            |
| <b>B.Physical Properties</b>   |                                                         |
| <b>Connector Type</b><br>连接方式  | <b>SMA PLUG REVERSE</b>                                 |
| <b>Cable Type</b><br>线材        | <b>RG-178 CABLE</b>                                     |
| <b>Antenna Plastic</b><br>天线塑胶 | <b>Body:TPE</b><br><b>Hinge:PC</b><br><b>Holder:PBT</b> |
| <b>C.Environmental</b>         |                                                         |
| <b>Operating Temp</b><br>工作环境  | <b>-40℃ ~+ 65℃</b>                                      |
| <b>Storage Temp</b><br>存储环境    | <b>-40℃ ~+ 80℃</b>                                      |



无源测试数据：  
Passive test data

| Frequency(MHz) | Peak Gain (dBi) | Efficiency Total (%) |
|----------------|-----------------|----------------------|
| 2400MHz        | 1.1494          | 66.91%               |
| 2410MHz        | 1.32249         | 69.92%               |
| 2420MHz        | 1.43687         | 70.55%               |
| 2430MHz        | 1.45095         | 71.36%               |
| 2440MHz        | 1.37904         | 72.54%               |
| 2450MHz        | 1.48581         | 74.10%               |
| 2460MHz        | 1.43589         | 74.73%               |
| 2470MHz        | 1.58343         | 76.55%               |
| 2480MHz        | 1.79003         | 79.72%               |
| 2490MHz        | 1.90379         | 80.57%               |
| 2500MHz        | 1.48852         | 80.29%               |





# 环境与可靠性实验 Environmental and reliability experiment

| Test Items<br>测试项目   | Test Condition and Procedure<br>测试方法                                                                                                                                                                                                                                                                   | Requirements<br>要求                                                         | Test equipment<br>试验设备      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------|
| Vibration<br>震动      | GB / T2423.48-2008<br>Amplitude: 0.03 inch (1.5mm); Freq: 20 to 80 to 20 Hz<br>3 directions; 2 hours for each direction<br>振幅 1.5mm; 频率 20~80~20Hz; 3 个方向各 2H                                                                                                                                          | 1. No Visual Damage<br>2. Frequency Tol.≤5%<br>无明显外观不良;频率偏移≤5%             | NA                          |
| Random Drop<br>跌落    | GB / T2423.8-1995<br>Single: Height: 1.0 Meter; 3 directions; 1 time for each direction 单支天线, 高 1m; 3 个方向各 1 次<br>Packing: Height: 0.76 Meter; 1 corner, 3 edges, 6 surface<br>包装: 高 0.76m, 一角、三棱、六面各一次<br>Antenna+Machine: Height: 0.76 Meter; 1 corner, 3 edges, 6 surface. 整机: 高 0.76m, 一角、三棱、六面各一次 | 1. No parts separated、fracture<br>2. Frequency Tol.≤5%<br>产品无脱落、断裂;频率偏移≤5% | NA                          |
| Solderability<br>可焊性 | GB / T2423.28-2005<br>Temp: 260±5°C; Duration: 5 seconds 温度 260±5°C; 持续 5 秒                                                                                                                                                                                                                            | Tin evenly on full<br>上锡均匀饱满                                               | NA                          |
| Pull Test<br>拉力      | Holding with individual specification; force applied to axis of terminal .单独定义产品端子拉力                                                                                                                                                                                                                   | 1. Directive DUT specification<br>2. Frequency Tol.≤5%<br>符合待测物规范;频率偏移≤5%  | Pull Test Machine<br>拉力计    |
| Torque Test<br>扭力    | Holding with individual specification; applied clockwise and counterclockwise to the axis of terminal 单独定义产品端子之顺时针及逆时针扭力                                                                                                                                                                               | 1. Directive DUT specification<br>2. Frequency Tol.≤ 5%<br>符合待测物规范;频率偏移≤5% | Torque Test Machine<br>扭力计  |
| Salt Spray<br>盐雾     | GB / T 2423.17-2008<br>Temp: 35°C; RH: ≥ 95%; NaCl solution: ≥ 5%; Time: 8H<br>温度 35°C; 湿度≥95%; 盐水浓度≥5%; 测试 8H                                                                                                                                                                                         | 1. No Visual Damage<br>2. Frequency Tol.≤5%<br>无明显外观不良;频率偏移≤5%             | Salt Spray Machine<br>盐雾测试机 |

|                                          |                                                                                                                               |                                                                                                        |                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Temperature and Humidity Chamber<br>恒温恒湿 | GB / T 2423.3-2006<br>Temp: 80°C / 12 H; -40°C / 12H RH: ≥ 90%; Time: 24H<br>温度 80°C 测试 12H 转 -40°C 测试 12H; 湿度 ≥ 90%; 时间 24H  | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol. ≤ 5%<br>恢复 2H 后, 无明显外观不良; 频率偏移 ≤ 5% | Temperature and Humidity Chamber Container<br>恒温恒湿试验箱 |
| Thermal Shock<br>冷热冲击                    | GB / T 2423.22 - 2008<br>- 40°C (30 minutes) to + 80°C (30 minutes); Cycles: 24<br>-4 0°C 测试 30 分转 80°C 测试 30 分为一个周期; 共 24 周期 | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol. ≤ 5%<br>恢复 2H 后, 无明显外观不良; 频率偏移 ≤ 5% | Thermal shock Container<br>冷热冲击试验箱                    |
| Aging test<br>老化                         | GB / T 2423.2 - 2008<br>Temp: 80°C; Time: 24 hours<br>温度 80°C, 测试 24H                                                         | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol. ≤ 5%<br>恢复 2H 后, 无明显外观不良; 频率偏移 ≤ 5% | Aging Test Container<br>老化箱                           |

1. 适用范围:

Scope

本规格书制定了 50Ω FEP 绝缘射频电缆 YD178 系列的结构和电气特性.

This specification covers the construction and the electrical properties of YD178 series of 50Ω FEP Insulation Coaxial Cable.

2. 结构/Construction:

单位/Unit:mm

| 项目/Item            |                                 | 详细资料/Details                                                                      |
|--------------------|---------------------------------|-----------------------------------------------------------------------------------|
| 导体/Conductor       | 材料/Material                     | 镀银铜线/Silver-coated Copper Wire                                                    |
|                    | 构成(根/mm)<br>Composition(No./mm) | 7/0.102                                                                           |
|                    | 标称直径/Nom. O. D (mm)             | 0.306±0.03                                                                        |
| 绝缘层<br>/Insulation | 材料/Material                     | 聚全氟乙丙烯(自然色)<br>/FEP(Natural)                                                      |
|                    | 标称绝缘厚度/Nom. Thick(mm)           | 0.275                                                                             |
|                    | 标称外径/Nom. O. D (mm)             | 0.86±0.03                                                                         |
| 屏蔽层/Shield         | 材料/Material                     | 镀锡铜线/ Tinned annealed copper wire                                                 |
|                    | 构成/Composition                  | 0.10 单线编织/Single Braid of 0.10                                                    |
| 护套/Jacket          | 材料/Material                     | 聚全氟乙丙烯(*颜色)/FEP(*color)                                                           |
|                    | 标称护套厚度/Nom. Thick(mm)           | 0.25                                                                              |
|                    | 标称外径/Nom. O. D (mm)             | 1.80±0.08                                                                         |
|                    | 颜色/Color                        | 按与客户确认的颜色/According to corresponding have approved by the suppliers and customers |

3. 电气特性(20℃时)/Electrical Properties(at 20℃)

| 项目/Item                        | 单位/Unit   | 详细资料/Details |      |
|--------------------------------|-----------|--------------|------|
| 导体电阻/Conductor Resistance      | Ω/km      | Max. 320     |      |
| 绝缘电阻/Insulation Resistance     | MΩ.km     | Min. 500     |      |
| 耐压强度/Dielectric Strength       | V(AC)/min | 1000         |      |
| 静电容/Capacitance                | pF/m      | 105(1kHz)    |      |
| 特性阻抗 /Characteristic Impedance | Ω         | 50±2.0       |      |
| 衰减/Attenuation                 | dB/m      | 1GHz         | 1.70 |
|                                |           | 2GHz         | 2.42 |

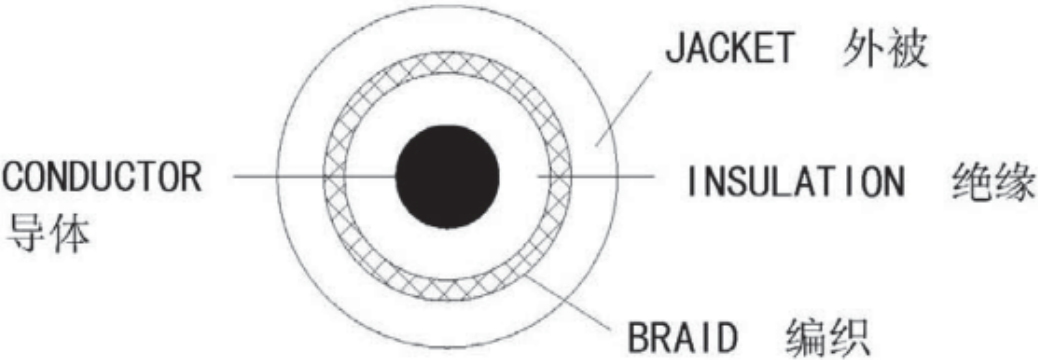


|                            |   |       |      |
|----------------------------|---|-------|------|
|                            |   | 3GHz  | 3.08 |
|                            |   | 4GHz  | 3.63 |
|                            |   | 5GHz  | 4.15 |
|                            |   | 6GHz  | 4.80 |
| 驻波比/Standing wave (0-6GHz) | / | ≤1.35 |      |

4. 包装 Packing

标准单位包装长度为 500 米/盘, 每盘最多允许 3 个接头, 接头最短长度 20 米, 在搬运过程中不能损坏包装.

Standard unit length of finished cable shall be 400m on reel, frequency of joint max. 3/reel, the mini length is 20m. The finished cable shall be packed not be damaged during transportation



\*\*\*\*\*

本产品有时不适合车载用途的情况也有,所以使用前请先和本公司业务部门进行商谈.  
This product is not suitable for automobile application in some cases.Please contact with our sales department before you use this product.

\*\*\*\*\*

规格书完  
End of specification



## Certificate of Conformance for Safety Material

### 符合安規材料證明

To Whom It May Concern,

: 香港米迪实业有限公司 (Supplier Name) as a supplier to Liteon Technology Corp, this is to certify that the safety parts can conform to all safety requirement of applicable drawings or characteristics in approval sheet. If any deviation with the requirement, the material supplier will be responsible for the cost incurred. (供應商名)  
作為光寶科技股份有限公司供應商,這是證明所提供安規材料能符合到承認書中的工程圖面和物質特性描述的安規要求,如果所提供材料與這些安規要求有不一致,供應商是有責任接受由此產生的成本轉嫁.

Purchase Order number: \_\_\_\_\_

訂單號碼:

Molding Date: \_\_\_\_\_

生產日期:

Supplier Part number: 8001119800272G

供應商料號:

Shipment Date: \_\_\_\_\_

出貨時間:

Liteon Part number: 301000087177

光寶料號:

Part Name: RF CABLE ASSEMBLY

品名:

Quantity: \_\_\_\_\_

數量:

Material supplier & material designation : JIANGYIN YUANDA ELECTRICAL MATERIAL CO LTD/11149

物料供应商与 指定物料: (分別原料供應商)

Material Characteristics: Teflon

物料特性: (物質成分及分別之百分比)

Min thickness: 1.80mm

產品主體最小的厚度:

Safety Rating: VW-1

安規等級:

Safety File Number: E529413

安規文件號碼:

Authorized company official Name & Title:

公司授權的人名/職位

Company Chapter:

公司章

Date(Y/M/D):

日期(年/月/日) :2022/09/29



SOP-RD-003-FORM20-C



# Process Management Plan

## 制程管制计划

|                         |                                  |                            |                   |   |         |   |                                                 |                                                                        |                                                                                                                                        |                                                                                                            |                                                                                                                     |                                  |                                                   |                                                            |  |
|-------------------------|----------------------------------|----------------------------|-------------------|---|---------|---|-------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------|------------------------------------------------------------|--|
| TITLE:RF CABLE ASSEMBLY |                                  |                            |                   |   |         |   | The company: HongKong MDLINK Industrial Limited |                                                                        |                                                                                                                                        |                                                                                                            |                                                                                                                     | Control point:                   |                                                   | The file number:                                           |  |
| P/N: 301000087177       |                                  |                            |                   |   |         |   |                                                 |                                                                        |                                                                                                                                        |                                                                                                            |                                                                                                                     | A.Incoming inspection            |                                                   |                                                            |  |
| REV: 1.0                |                                  |                            |                   |   |         |   |                                                 |                                                                        |                                                                                                                                        |                                                                                                            |                                                                                                                     | B.process                        |                                                   |                                                            |  |
| OF: 2                   |                                  |                            |                   |   |         |   |                                                 |                                                                        |                                                                                                                                        |                                                                                                            |                                                                                                                     | C.The final inspection           |                                                   |                                                            |  |
| Process description     |                                  |                            |                   |   |         |   | Production testing tools and machine            | Control the project                                                    |                                                                                                                                        | Control method                                                                                             |                                                                                                                     |                                  |                                                   |                                                            |  |
| NO                      | Process name Job content         | material                   |                   |   | Process |   |                                                 | process                                                                | product                                                                                                                                | The project specifications                                                                                 | The project specifications                                                                                          | Time and frequency               | Record form                                       | Refer to the file                                          |  |
| 1                       | Raw material incoming inspection | The main packing materials | KMk               | / |         | ★ | A tape measure                                  | Quantity packing/dimensional inspection/appearance inspection/standard | Appearance: no damage on the surface, blurred printing; Size and specification,                                                        | Dimension tolerance control +/-10mm, harmful substances see our control standards                          | Printing writing skew below 30 degrees, stored in the normal temperature of 5-35 degrees, shelf life of three years | IQC incoming spot check          | Incoming Inspection Record Form and Delivery Note | "Inspection Specification", "Acceptance", "SIP".           |  |
|                         |                                  | Plug/connector             | Insert core       | / |         | ★ | caliper                                         | Quantity appearance/packing/size                                       | No scratch and surface rust and plating poor appearance.                                                                               | Relevant dimensions and hazardous substance control shall be inspected according to the                    | Reliability is reverified according to the requirements of Inspection Specification and recognition                 | IQC incoming spot check          | Incoming Inspection Record Form and Delivery Note | "Inspection Specification", "Acceptance", "SIP".           |  |
|                         |                                  | wire                       | CABLE             | / |         | ★ | caliper                                         | Quantity appearance/packaging/Size/hazardous substance                 | The wire is free from scratch, granulation, staining, skin breakage, dirt,                                                             | Relevant dimensions and hazardous substance control shall be inspected according to the                    | Reliability is reverified according to the requirements of Inspection Specification and recognition                 | IQC incoming spot check          | Incoming Inspection Record Form and Delivery Note | "Inspection Specification", "Acceptance", "SIP".           |  |
| 2                       | peeling                          | wire                       | RF CABLE ASSEMBLY | / |         | ★ | The operator                                    | Appearance/Size                                                        | The peeling core wires shall not be scratched, pinched, or left. The trimming shall be complete and other core wires shall not be hurt | Peel size and hazardous substance control shall be carried out according to the admission standard and SOP | During peeling, the incision should not be cut off or damage the outer skin of the core wire.                       | IPQC inspection 2 hours per time | IPQC Inspection record Form                       | Process Inspection Specification, SOP, Engineering Drawing |  |
| 3                       | Richard line                     | wire                       | RF CABLE ASSEMBLY | / |         | ★ | The operator                                    | Appearance                                                             | The scissors should not hurt other core wires when cutting the wire, and the finishing should be                                       | Line management standards and hazardous substances control shall be carried                                | Pay attention to the method of removing the PVC outer skin, do not damage the core wire and clean it.               | IPQC inspection 2 hours per time | IPQC Inspection record Form                       | Process Inspection Specification, SOP, Engineering Drawing |  |
| 4                       | welding                          | Wires and connectors       | RF CABLE ASSEMBLY | / |         | ★ | The operator                                    | Appearance                                                             | Solder point after welding can not have false welding, welding tin slag                                                                | Line management standards and hazardous substances control                                                 | Soldering iron temperature control is operated according to SOP The ring welding                                    | IPQC inspection 2 hours per time | IPQC Inspection record Form                       | Process Inspection Specification, SOP Engineering          |  |

|    |                              |                       |                   |   |  |   |                                 |                                  |                                                                                                                                      |                                                                                                                                               |                                                                                                                                  |                                  |                                              |                                                            |
|----|------------------------------|-----------------------|-------------------|---|--|---|---------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------|------------------------------------------------------------|
| 5  | in inspection                | Semi-finished product | RF CABLE ASSEMBLY | / |  | ★ | The operator                    | Appearance                       | Solder point after welding can not have false welding, welding tin slag                                                              | Tin inspection standard according to operation SOP                                                                                            | Use fine pliers to remove two adjacent pins in the process of tin detection to reduce                                            | IPQC inspection 2 hours per time | IPQC Inspection record Form                  | Process Inspection Specification, SOP, Engineering Drawing |
| 6  | in inspection                | Semi-finished product | RF CABLE ASSEMBLY | / |  | ★ | The operator                    | Appearance                       | Push the end by hand, do not bend the wire                                                                                           | The combination criteria are performed according to the operation                                                                             | Pay attention to the distance between PIN and braid to reduce short circuit and high                                             | IPQC inspection 2 hours per time | IPQC Inspection record Form                  | Process Inspection Specification, SOP, Engineering Drawing |
| 7  | The finished product testing | The finished product  | RF CABLE ASSEMBLY | / |  | ★ | The operator                    | Electrical testing               | No short circuit, open circuit, high voltage, insulation and other bad                                                               | Test parameter setting and hazardous substance control are                                                                                    | No bad electrical outflow.                                                                                                       | IPQC inspection 2 hours per time | IPQC Inspection record Form                  | Process Inspection Specification, SOP, Engineering Drawing |
| 8  | side inspection              | The finished product  | RF CABLE ASSEMBLY | / |  | ★ | The operator                    | Appearance/Size                  | Wire cannot have scrape, break skin, dirty wait for bad.                                                                             | Relevant dimensions and hazardous substance control shall be inspected according to the recognized standards                                  | There must be no undesirable outflow.                                                                                            | IPQC inspection 2 hours per time | IPQC Inspection record Form                  | Process Inspection Specification, SOP, Engineering Drawing |
| 9  | packaging                    | The finished product  | RF CABLE ASSEMBLY | / |  | ★ | The operator                    | Quantity/labeling/packing/PE bag | The way of packaging should be correct, can not                                                                                      | Packaging standards and hazardous substances control                                                                                          | The reliability verification of cartons is carried out according                                                                 | IPQC inspection 2 hours per      | IPQC Inspection record Form                  | Process Inspection Specification, SOP, Engineering Drawing |
| 10 | QA inspection                | The finished product  | RF CABLE ASSEMBLY | / |  | ★ | Wire tester/steel ruler/caliper | Appearance/size/function         | Wire cannot have scrape, break skin, dirty wait for bad. The size meets the requirements of the drawing, and the function test is OK | The relevant dimension/function test standard and hazardous substance control shall be inspected according to the acceptance standard and SOP | Reliability is reverified according to the requirements of Inspection Specification and recognition requirements (EMI sampling). | IPQC inspection 2 hours per time | OQA Inspection Report                        | Process Inspection Specification, SOP, Engineering Drawing |
| 11 | at in storage                | The finished product  | RF CABLE ASSEMBLY | / |  | ★ | visual                          | Quantity/labeling/packing        | Quantity/labeling/packing                                                                                                            | Whether the quantity and package labeling are in accordance with the engineering drawing requirements                                         | Whether the quantity and package labeling are in accordance with the engineering drawing requirements.                           | Each batch.                      | Storage Entry List                           | Inspection and Test Control Procedures                     |
| 12 | shipment                     | The finished product  | RF CABLE ASSEMBLY | / |  | ★ | visual                          | Quantity/labeling/packing        | Check the quantity, outward mark and SHIPPING mark of the shipped products to make them consistent with the shipping conditions      | The labels on the outer packaging of the shipped products are consistent with the data.                                                       | No mistakes, no leaks, no mix-ups.                                                                                               | Each batch.                      | Outgoing List and Outgoing Inspection Report | Identification and Traceability Control Procedures         |

# AVLV2.E529413 - Appliance Wiring Material - Component

## Appliance Wiring Material - Component

**Dong Guan Shi V-Link Electronic Ltd**  
5F Building A 2nd District Dongsheng Science and Technology Park Yangwu Dongpu New Village  
Dalingshan Town  
Dongguan, Guangdong 523839 China

E529413

Table of Recognized Styles

| Single-conductor, thermoplastic insulation   |      |      |      |      |       |       |       |
|----------------------------------------------|------|------|------|------|-------|-------|-------|
| 1007                                         | 1095 | 1208 | 1500 | 1589 | 1691  | 1773  | 1942  |
| 1015                                         | 1107 | 1354 | 1533 | 1631 | 1719  | 1777  | 1998  |
| 1056                                         | 1174 | 1365 | 1569 | 1640 | 1729  | 1792  | 10043 |
| 1061                                         | 1185 | 1478 | 1571 | 1647 | 1731  | 1809  | 10064 |
| 1071                                         | 1195 | 1497 | 1581 | 1685 | 1741  | 1866  | 10113 |
| Multiple-conductor, thermoplastic insulation |      |      |      |      |       |       |       |
| 2094                                         | 2493 | 2598 | 2725 | 2851 | 2969  | 20259 | 20855 |
| 2095                                         | 2502 | 2626 | 2778 | 2854 | 2970  | 20276 | 20875 |
| 2096                                         | 2547 | 2651 | 2785 | 2863 | 2990  | 20293 | 21083 |
| 2343                                         | 2552 | 2655 | 2789 | 2876 | 2993  | 20306 | 21104 |
| 2384                                         | 2560 | 2660 | 2791 | 2919 | 20080 | 20379 | 21144 |
| 2385                                         | 2562 | 2678 | 2833 | 2933 | 20083 | 20513 |       |
| 2448                                         | 2571 | 2704 | 2835 | 2935 | 20084 | 20522 |       |
| 2464                                         | 2576 | 2709 | 2841 | 2940 | 20120 | 20552 |       |
| 2468                                         | 2584 | 2710 | 2842 | 2960 | 20251 | 20851 |       |

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