TP-LINK®

# Antenna Specification

**Product Number: 3101504960**
**Product Name: Antenna**

# COPYRIGHT & TRADEMARKS



http://www.tp-link.com

**Product Number: 3101504960**
**Product Name: Antenna**

TP-LINK®

# Specification For Approval

Date: _____
File No. : _____
Version: 1.0

Customer: _____/_____

Customer P/N : _____/_____

TP-LINK P/N: 3101504960

Description: Antenna|2.4-2.5GHz|2.0dBi|LP|Omni|2W|Weld|55mm|D1.13mm| 羽 翼 -277|TP-LINK|X1040-RW055REV1.0|黑色/ABS-HB/纹面+logo 光面|否|[灰色线/3101504180 改线长线径改焊线/自制件]

| |
|---|
| **TP-LINK Checked By:** |
| **Customer Approved By:** |

TP-LINK®
**TP-LINK TECHNOLOGIES CO., LTD.**
South Buiding, No.5 Keyuan Road,
Central Zone, Science&Technology Park,
Nanshan, Shenzhen, P.R.China
TEL: + 86 755 26612350
+ 86 755 26504400
http:// www.tp-link.com

# Index

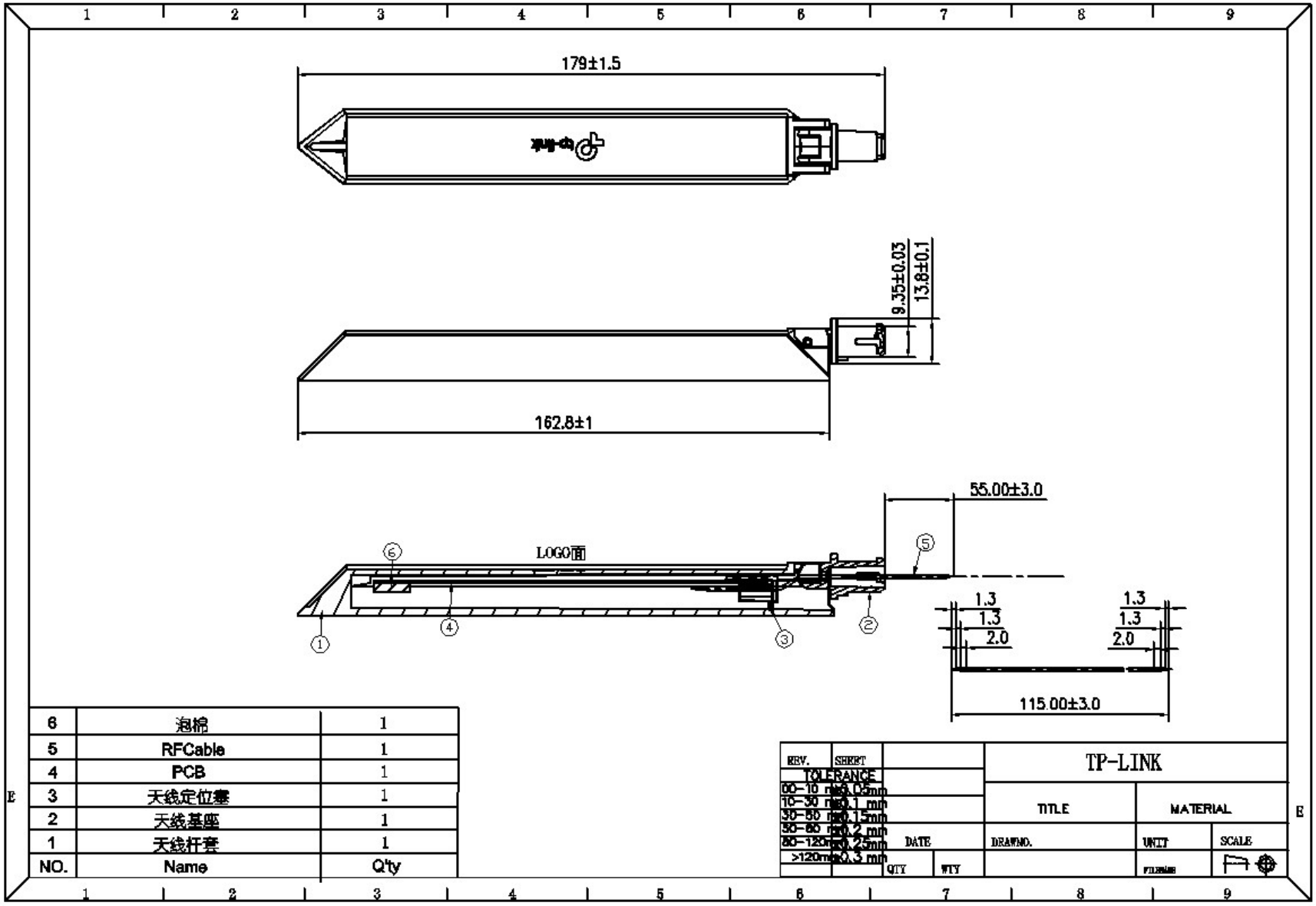
# I. Specification

| **Sample Photo** | |
|---|---|
|  | |
| **A. Electrical Characteristics** | |
| **Frequency** | 2400~2500MHz |
| **Impedance** | 50 Ohm |
| **S.W.R.** | <= 2.0 |
| **Antenna Type** | Dipole |
| **Antenna Gain** | 2.0dBi |
| **Max Input Power** | 2 W |
| **Polarization** | Linear |
| **Radiation pattern** | Omni-Directional |
| **B. Material & Mechanical Characteristics** | |
| **Material of Radiator** | Cu |
| **Material of Plastic** | Body: ABS-HB<br>Holder: PC、ABS |
| **Cable Type** | O.D. 1.13mm (gray) |
| **Connector Type** | Weld |
| **Connector Pull Test** | 3Kg |
| **C. Environmental** | |
| **Operation Temperature** | - 40℃ ~ + 60℃ |
| **Storage Temperature** | - 40℃ ~ + 60℃ |

# II. Characteristics and Reliability Test

| Test Items | | Test Condition and Procedure | Requirements |
|---|---|---|---|
| **C1** | **S.W.R.** | Set DUT on Network Analyzer; make individual calibration to test | Directive DUT specification |
| **C2** | **Antenna Gain** | Set DUT on Antenna Chamber; make individual calibration to test | Directive DUT specification |
| **M1** | **Vibration** | MIL-STD-202G, 201 A<br>Amplitude: 0.03 inch (0.76mm);<br>Freq: 10 to 55 Hz 3 directions;<br>2 hours for each direction | 1. No Visual Damage<br>2.FrequencyTol.<=5% |
| **M2** | **Random Drop** | Height: 1.5 Meter; 3 directions;<br>1 time for each direction | 1. No parts separated<br>2. Frequency Tol.<=5% |
| **M3** | **Drop Test** | Combine DUT with router；<br>Height: 0.6 Meter; 1 direction;<br>3 times for the direction | 1. No parts separated<br>2. Frequency Tol.<=5% |
| **M4** | **Solderability** | MIL-STD-202G, 210F, cond. A<br>Solder iron: 350+- 10℃；<br>Duration: 5 seconds | 1. Mounted on PCB<br>2. No Visual Damage |
| **M5** | **Terminal- Pull Test** | MIL-STD-202G, 211A, cond. A<br>Holding with individual specification;<br>force applied to axis of terminal | 1. Directive DUT specification<br>2. Frequency Tol.<=5% |
| **M6** | **Bend Test** | 3 angles: 0°,45°,90°.100 times for each angle | 1. No Visual Damage<br>2. No Obvious shake |
| **M7** | **Dimension** | Inspection of dimension, color, material, package, surface process | Directive DUT specification |
| **E1** | **Salt Spray** | SE-GS-90T<br>Temp: 35℃; RH: 93%±3%;<br>NaCl solution proportion: 1.026～1.041;<br>Time:12 hours | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol.<=5% |
| **E2** | **Thermal Shock** | 1Cycle: -40℃ (30 minutes) to +60℃ (30 minutes) Cycles: 24 | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol.<=5% |
| **E3** | **Life (HighTemp.)** | MIL-STD-202G,108A, cond. A<br>Temp: 70℃; Time: 8 hours | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol.<=5% |

# III. Mechanical Drawing and Material Description

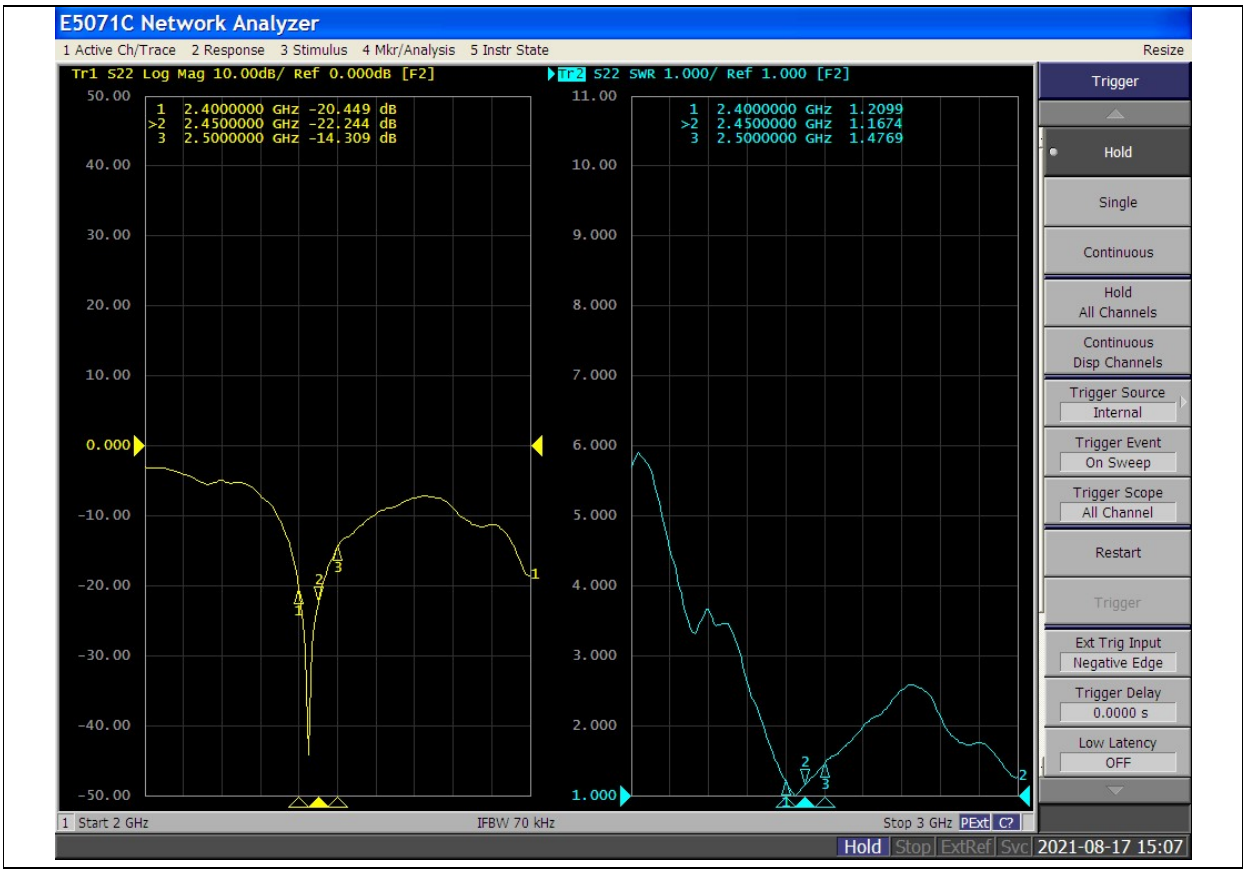



| NO. | Name | Q'ty |
|---|---|---|
| 6 | 泡棉 | 1 |
| 5 | RFCable | 1 |
| 4 | PCB | 1 |
| 3 | 天线定位塞 | 1 |
| 2 | 天线基座 | 1 |
| 1 | 天线杆套 | 1 |

# IV. RoHS Test Report

| NO. | Product Model | Constituents | Material | Test Result for RoHS-corresponding Substance | | | | | | PFOS | Halogen | | | | Series No. | Date | Title | Test Agent |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Cd | Pb | Hg | Cr(VI) | PBBs | PBDEs | PFOS | F | Cl | Br | I | | | | |
| 1 | 3120500036 | Cable | FEP | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | [redacted] | N.D | N.D | N.D | N.D | RLSHD000593720060 | 2011/04/25 | Jacket | 上海 SGS |
| | | | FEP | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | N.D | N.D | N.D | N.D | | | Insulation | 上海 SGS |
| | | | Wire-TC | N.D. | N.D. | N.D. | N.D. | [redacted] | [redacted] | | [redacted] | [redacted] | [redacted] | [redacted] | | | Outner conductor | CTI |
| | | | Wire-TC | N.D. | N.D. | N.D. | N.D. | | | | | | | | | | Inner conductor | CTI |
| 2 | 6142504929 | 杆套 | ABS | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | | | | | SHAEC1200148411 | 2012/01/09 | 上海 ABS | 上海 SGS |
| 3 | 6142504930 | 基座 | PC | [redacted] | N.D. | [redacted] | N.D. | [redacted] | [redacted] | | | N.D. | N.D. | | GZ1106084755 | 2011/07/05 | PC S-2000VR | 广州 SGS |
| 4 | 6142504931 | 定位塞 | HDPE | [redacted] | N.D. | [redacted] | N.D. | | | | | N.D. | N.D. | | SHAEC1109428201 | 2011/06/27 | HDPE | 上海 SGS |
| 5 | 6410500526 | Foam | EVA | N.D. | 17 | N.D. | N.D. | N.D. | N.D. | | | | | | CANEC1103057901 | 2011/08/11 | EVA | 广州 SGS |
| 6 | 2051500805 | PCB | CEM-1+CU | N.D. | 5 | N.D. | [redacted] | N.D. | N.D. | | | | | | CANEC1411243502 | 2014/07/18 | KB-6160 | SGS |

# V. Antenna – S Parameter Test Data



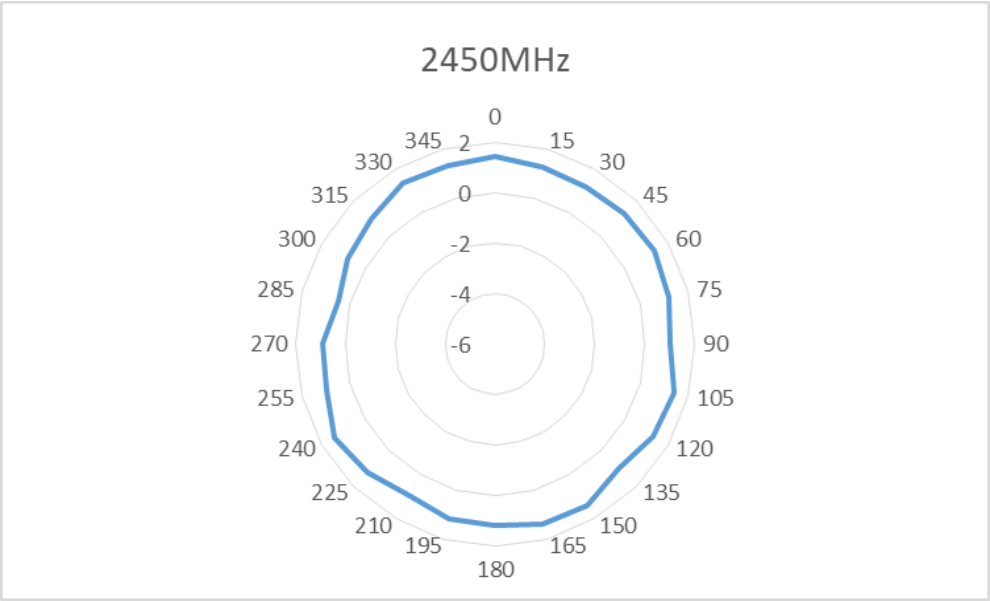

# VI. Antenna – Radiation Pattern Test Data

| Testing Equipment Specification | |
|---|---|
| **Microwave Chamber** | ETS |
| **Testing Equipment** | Agilent 5071B |

PeakGain：

| Freq | 2400 | 2410 | 2420 | 2430 | 2440 | 2450 | 2460 | 2470 | 2480 | 2490 | 2500 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gain | 1.92 | 1.87 | 1.85 | 1.92 | 1.96 | 1.97 | 1.86 | 1.92 | 1.81 | 1.74 | 1.74 |

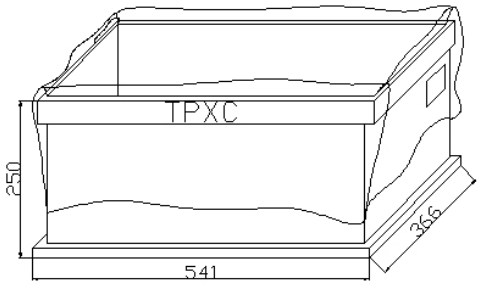
Theta=90°


2450MHz
0
15
30
45
60
75
90
105
120
135
150
165
180
195
210
225
240
255
270
285
300
315
330
345
2
0
-2
-4
-6

# VII. Packing Drawing

## i. Put ANT into Plastic Tray（400PCS/BOX）（仅作装箱说明）

## ii. Packing

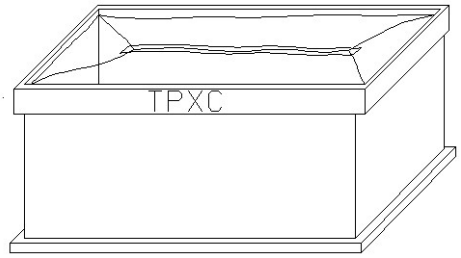



Label

| | | | | |
|---|---|---|---|---|
| MO: | | P/N: | | ROHS |
| Specification: | | | | |
| Quantity: | （PCS） | G.W: | （Kg） | |
| Date: | | | | |
| Manufacturer: | Cable manufacturing department | | | |

4Tray，400PCS/Box

## iii.Sealing




TP-LINK®

# Antenna Specification

**Product Number: 3101504961**

**Product Name: Antenna**

# COPYRIGHT & TRADEMARKS



http://www.tp-link.com

**Product Number: 3101504961**
**Product Name: Antenna**

TP-LINK®

# Specification For Approval

Date: _____
File No. : _____
Version: 1.0

Customer: _____/_____

Customer P/N : _____/_____

TP-LINK P/N: 3101504961

Description: Antenna|2.4-2.5GHz|2.0dBi|LP|Omni|2W|Weld|100mm|D1.37mm| 羽 翼-277|TP-LINK|X1040-RW100REV1.0|黑色/ABS-HB/纹面+logo 光面|否|[灰色线/3101504180 改线长改焊线/自制件]

| |
|---|
| **TP-LINK Checked By:** |
| **Customer Approved By:** |

TP-LINK®
**TP-LINK TECHNOLOGIES CO., LTD.**
South Buiding, No.5 Keyuan Road,
Central Zone, Science&Technology Park,
Nanshan, Shenzhen, P.R.China
TEL: + 86 755 26612350
+ 86 755 26504400
http:// www.tp-link.com

# Index

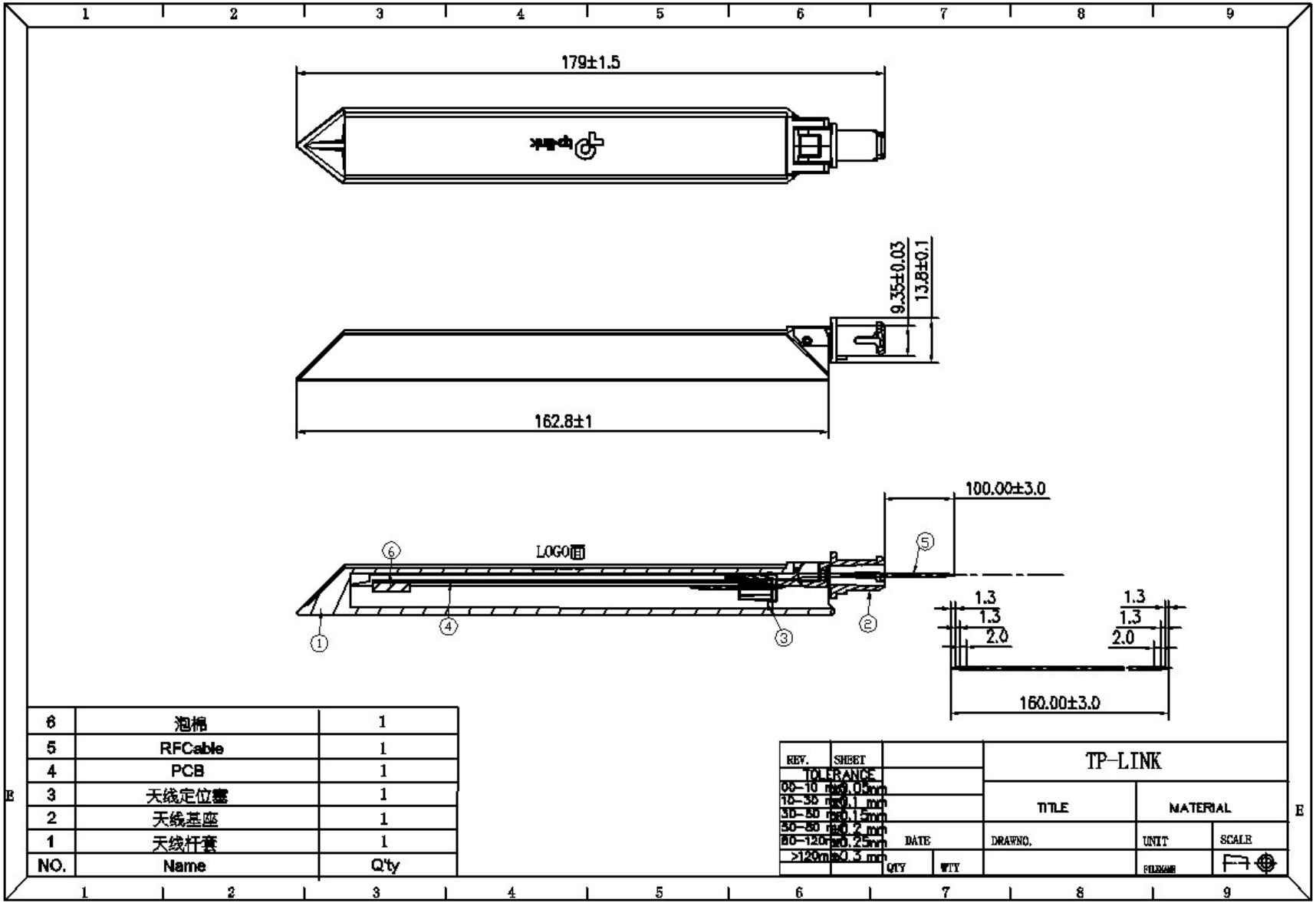
# I. Specification

| **Sample Photo** | |
|---|---|
|  | |
| **A. Electrical Characteristics** | |
| **Frequency** | 2400~2500MHz |
| **Impedance** | 50 Ohm |
| **S.W.R.** | <= 2.0 |
| **Antenna Type** | Dipole |
| **Antenna Gain** | 2.0dBi |
| **Max Input Power** | 2 W |
| **Polarization** | Linear |
| **Radiation pattern** | Omni-Directional |
| **B. Material & Mechanical Characteristics** | |
| **Material of Radiator** | Cu |
| **Material of Plastic** | Body: ABS-HB<br>Holder: PC、ABS |
| **Cable Type** | O.D. 1.37mm (gray) |
| **Connector Type** | Weld |
| **Connector Pull Test** | 3Kg |
| **C. Environmental** | |
| **Operation Temperature** | - 40℃ ~ + 60℃ |
| **Storage Temperature** | - 40℃ ~ + 60℃ |

# II. Characteristics and Reliability Test

| Test Items | | Test Condition and Procedure | Requirements |
|---|---|---|---|
| **C1** | **S.W.R.** | Set DUT on Network Analyzer; make individual calibration to test | Directive DUT specification |
| **C2** | **Antenna Gain** | Set DUT on Antenna Chamber; make individual calibration to test | Directive DUT specification |
| **M1** | **Vibration** | MIL-STD-202G, 201 A<br>Amplitude: 0.03 inch (0.76mm);<br>Freq: 10 to 55 Hz 3 directions;<br>2 hours for each direction | 1. No Visual Damage<br>2.FrequencyTol.<=5% |
| **M2** | **Random Drop** | Height: 1.5 Meter; 3 directions;<br>1 time for each direction | 1. No parts separated<br>2. Frequency Tol.<=5% |
| **M3** | **Drop Test** | Combine DUT with router；<br>Height: 0.6 Meter; 1 direction;<br>3 times for the direction | 1. No parts separated<br>2. Frequency Tol.<=5% |
| **M4** | **Solderability** | MIL-STD-202G, 210F, cond. A<br>Solder iron: 350+- 10℃；<br>Duration: 5 seconds | 1. Mounted on PCB<br>2. No Visual Damage |
| **M5** | **Terminal- Pull Test** | MIL-STD-202G, 211A, cond. A<br>Holding with individual specification;<br>force applied to axis of terminal | 1. Directive DUT specification<br>2. Frequency Tol.<=5% |
| **M6** | **Bend Test** | 3 angles: 0°,45°,90°.100 times for each angle | 1. No Visual Damage<br>2. No Obvious shake |
| **M7** | **Dimension** | Inspection of dimension, color, material, package, surface process | Directive DUT specification |
| **E1** | **Salt Spray** | SE-GS-90T<br>Temp: 35℃; RH: 93%±3%;<br>NaCl solution proportion: 1.026～1.041;<br>Time:12 hours | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol.<=5% |
| **E2** | **Thermal Shock** | 1Cycle: -40℃ (30 minutes) to +60℃ (30 minutes) Cycles: 24 | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol.<=5% |
| **E3** | **Life (HighTemp.)** | MIL-STD-202G,108A, cond. A<br>Temp: 70℃; Time: 8 hours | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol.<=5% |

# III. Mechanical Drawing and Material Description

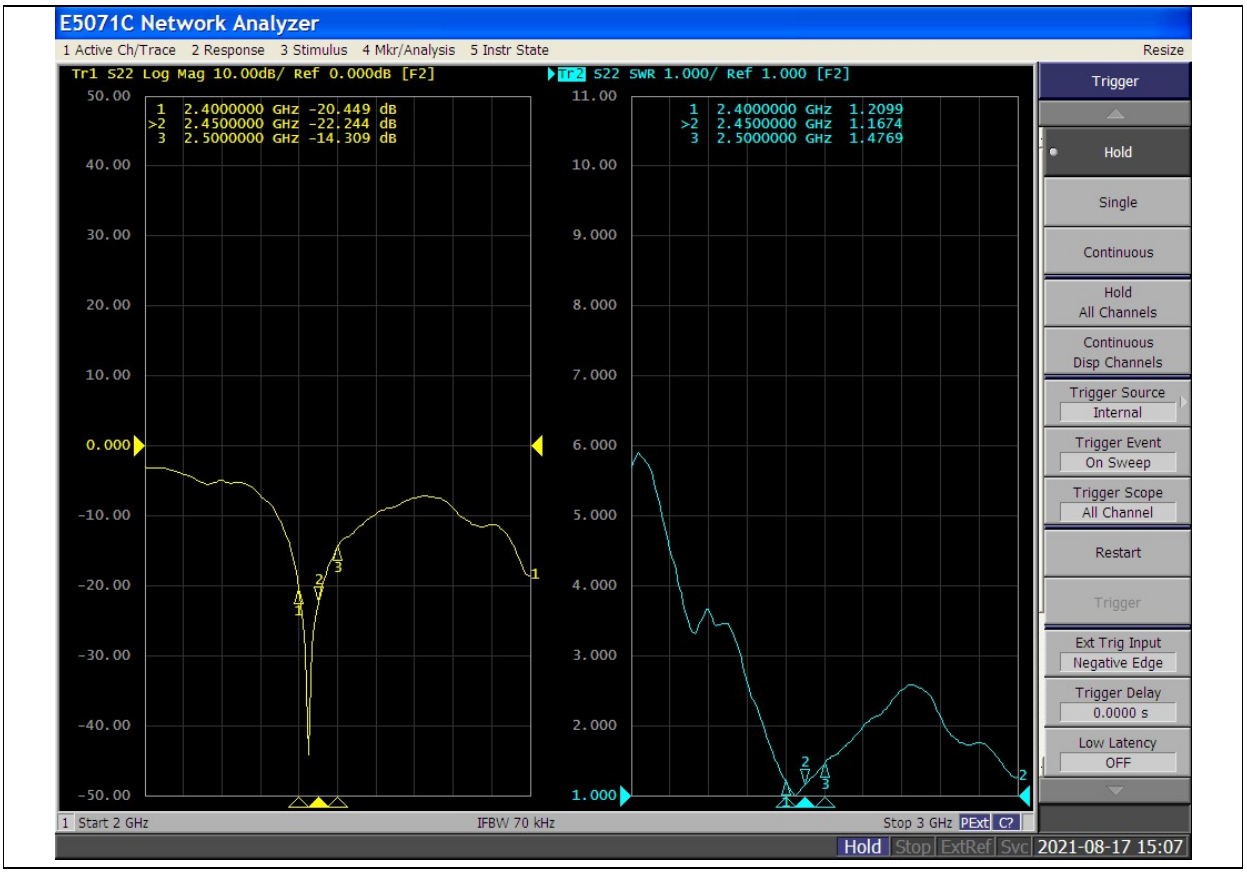



| NO. | Name | Q'ty |
|---|---|---|
| 6 | 泡棉 | 1 |
| 5 | RFCable | 1 |
| 4 | PCB | 1 |
| 3 | 天线定位塞 | 1 |
| 2 | 天线基座 | 1 |
| 1 | 天线杆套 | 1 |

# IV. RoHS Test Report

| NO. | Product Model | Constituents | Material | Test Result for RoHS-corresponding Substance | | | | | | PFOS | Halogen | | | | Series No. | Date | Title | Test Agent |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Cd | Pb | Hg | Cr(VI) | PBBs | PBDEs | PFOS | F | Cl | Br | I | | | | |
| 1 | 3120500195 | Cable | FEP | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | N.D | N.D | N.D | N.D | RLSHD000593720060 | 2011/04/25 | Jacket | 上海 SGS |
| | | | FEP | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | N.D | N.D | N.D | N.D | | | Insulation | 上海 SGS |
| | | | Wire-TC | N.D. | N.D. | N.D. | N.D. | | | | | | | | | | Outner conductor | CTI |
| | | | Wire-TC | N.D. | N.D. | N.D. | N.D. | | | | | | | | | | Inner conductor | CTI |
| 2 | 6142504929 | 杆套 | ABS | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | | | | | SHAEC1200148411 | 2012/01/09 | 上海 ABS | 上海 SGS |
| 3 | 6142504930 | 基座 | PC | | N.D. | | N.D. | | | | | N.D. | N.D. | | GZ1106084755 | 2011/07/05 | PC S-2000VR | 广州 SGS |
| 4 | 6142504931 | 定位塞 | HDPE | | N.D. | | N.D. | | | | | N.D. | N.D. | | SHAEC1109428201 | 2011/06/27 | HDPE | 上海 SGS |
| 5 | 6410500526 | Foam | EVA | N.D. | 17 | N.D. | N.D. | N.D. | N.D. | | | | | | CANEC1103057901 | 2011/08/11 | EVA | 广州 SGS |
| 6 | 2051500805 | PCB | CEM-1+CU | N.D. | 5 | N.D. | | N.D. | N.D. | | | | | | CANEC1411243502 | 2014/07/18 | KB-6160 | SGS |

# V. Antenna – S Parameter Test Data



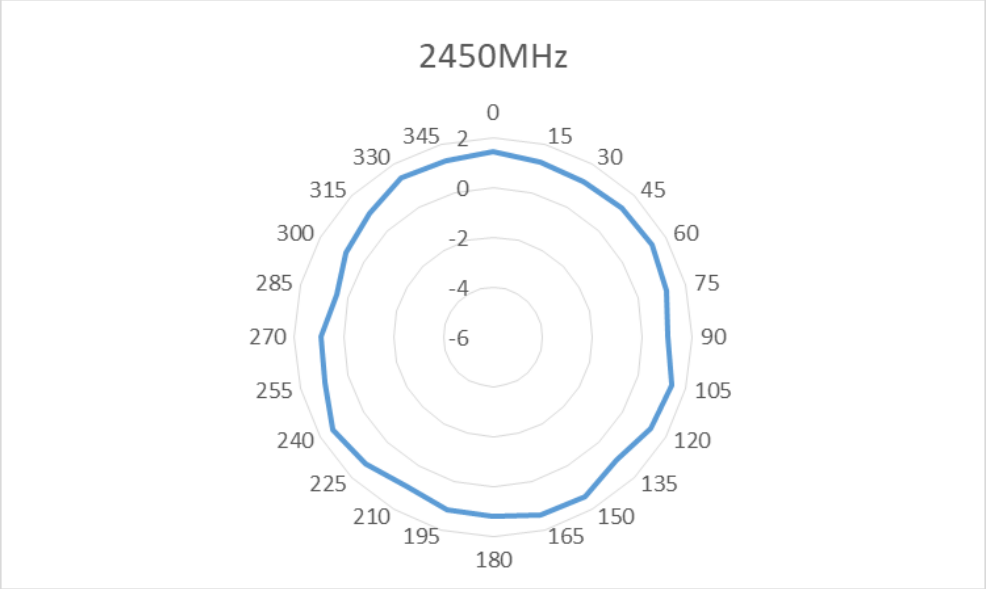

# VI. Antenna – Radiation Pattern Test Data

| Testing Equipment Specification | |
|---|---|
| **Microwave Chamber** | ETS |
| **Testing Equipment** | Agilent 5071B |

PeakGain：

| Freq | 2400 | 2410 | 2420 | 2430 | 2440 | 2450 | 2460 | 2470 | 2480 | 2490 | 2500 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gain | 1.92 | 1.87 | 1.85 | 1.92 | 1.96 | 1.97 | 1.86 | 1.92 | 1.81 | 1.74 | 1.74 |

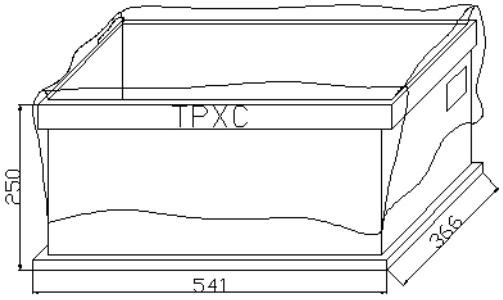
Theta=90°


2450MHz
0
15
30
45
60
75
90
105
120
135
150
165
180
195
210
225
240
255
270
285
300
315
330
345
2
0
-2
-4
-6

# VII. Packing Drawing

## i. Put ANT into Plastic Tray（400PCS/BOX）（仅作装箱说明）

## ii. Packing

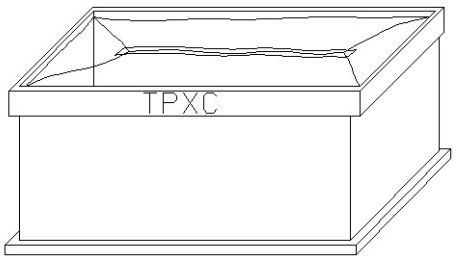



Label

| | | | | |
|---|---|---|---|---|
| MO: | | P/N: | | ROHS |
| Specification: | | | | |
| Quantity: | （PCS） | G.W: | （Kg） | |
| Date: | | | | |
| Manufacturer: | Cable manufacturing department | | | |

4Tray，400PCS/Box

## iii.Sealing




TP-LINK®

# Antenna Specification

**Product Number: 3101504962**
**Product Name: Antenna**

# COPYRIGHT & TRADEMARKS



http://www.tp-link.com

**Product Number: 3101504962**
**Product Name: Antenna**

TP-LINK®

# Specification For Approval

Date: _____
File No. : _____
Version: 1.0

Customer: _____/_____

Customer P/N : _____/_____

TP-LINK P/N: 3101504962

Description: Antenna|2.4-2.5GHz|2.0dBi|LP|Omni|2W|Weld|230mm|D1.37mm| 羽 翼 -277|TP-LINK|X1040-RW230REV1.0|黑色/ABS-HB/纹面+logo 光面|否|[灰色线/3101504180 改线长改焊线/自制件]

| |
|---|
| **TP-LINK Checked By:** |
| **Customer Approved By:** |

TP-LINK®
**TP-LINK TECHNOLOGIES CO., LTD.**
South Buiding, No.5 Keyuan Road,
Central Zone, Science&Technology Park,
Nanshan, Shenzhen, P.R.China
TEL: + 86 755 26612350
+ 86 755 26504400
http:// www.tp-link.com

# Index

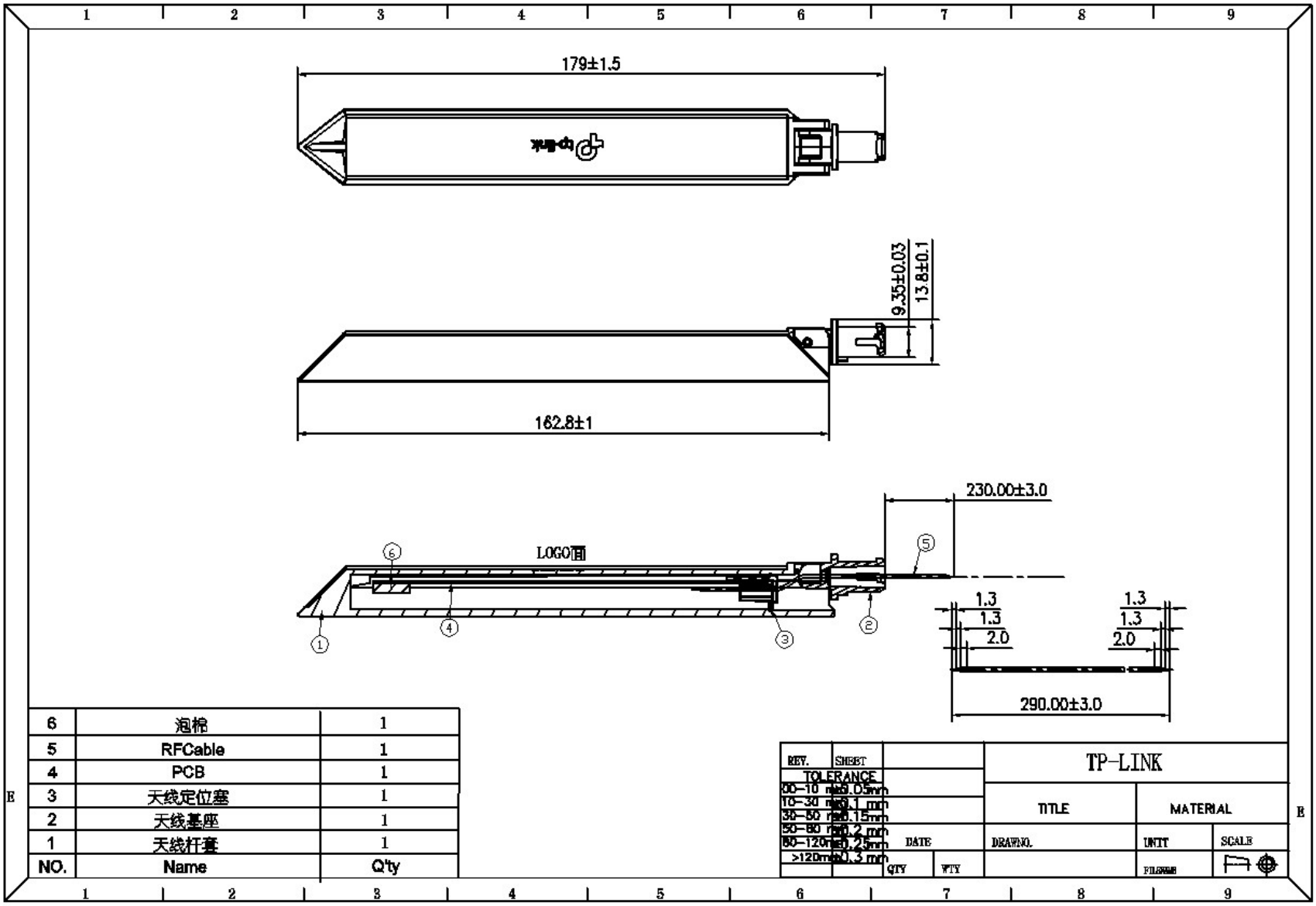
# I. Specification

| **Sample Photo** | |
|---|---|
|  | |
| **A. Electrical Characteristics** | |
| **Frequency** | 2400~2500MHz |
| **Impedance** | 50 Ohm |
| **S.W.R.** | <= 2.0 |
| **Antenna Type** | Dipole |
| **Antenna Gain** | 2.0dBi |
| **Max Input Power** | 2 W |
| **Polarization** | Linear |
| **Radiation pattern** | Omni-Directional |
| **B. Material & Mechanical Characteristics** | |
| **Material of Radiator** | Cu |
| **Material of Plastic** | Body: ABS-HB<br>Holder: PC、ABS |
| **Cable Type** | O.D. 1.37mm (gray) |
| **Connector Type** | Weld |
| **Connector Pull Test** | 3Kg |
| **C. Environmental** | |
| **Operation Temperature** | - 40℃ ~ + 60℃ |
| **Storage Temperature** | - 40℃ ~ + 60℃ |

# II. Characteristics and Reliability Test

| Test Items | | Test Condition and Procedure | Requirements |
|---|---|---|---|
| **C1** | **S.W.R.** | Set DUT on Network Analyzer; make individual calibration to test | Directive DUT specification |
| **C2** | **Antenna Gain** | Set DUT on Antenna Chamber; make individual calibration to test | Directive DUT specification |
| **M1** | **Vibration** | MIL-STD-202G, 201 A<br>Amplitude: 0.03 inch (0.76mm);<br>Freq: 10 to 55 Hz 3 directions;<br>2 hours for each direction | 1. No Visual Damage<br>2.FrequencyTol.<=5% |
| **M2** | **Random Drop** | Height: 1.5 Meter; 3 directions;<br>1 time for each direction | 1. No parts separated<br>2. Frequency Tol.<=5% |
| **M3** | **Drop Test** | Combine DUT with router；<br>Height: 0.6 Meter; 1 direction;<br>3 times for the direction | 1. No parts separated<br>2. Frequency Tol.<=5% |
| **M4** | **Solderability** | MIL-STD-202G, 210F, cond. A<br>Solder iron: 350+- 10℃；<br>Duration: 5 seconds | 1. Mounted on PCB<br>2. No Visual Damage |
| **M5** | **Terminal- Pull Test** | MIL-STD-202G, 211A, cond. A<br>Holding with individual specification;<br>force applied to axis of terminal | 1. Directive DUT specification<br>2. Frequency Tol.<=5% |
| **M6** | **Bend Test** | 3 angles: 0°,45°,90°.100 times for each angle | 1. No Visual Damage<br>2. No Obvious shake |
| **M7** | **Dimension** | Inspection of dimension, color, material, package, surface process | Directive DUT specification |
| **E1** | **Salt Spray** | SE-GS-90T<br>Temp: 35℃; RH: 93%±3%;<br>NaCl solution proportion: 1.026～1.041;<br>Time:12 hours | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol.<=5% |
| **E2** | **Thermal Shock** | 1Cycle: -40℃ (30 minutes) to +60℃ (30 minutes) Cycles: 24 | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol.<=5% |
| **E3** | **Life (HighTemp.)** | MIL-STD-202G,108A, cond. A<br>Temp: 70℃; Time: 8 hours | After 2 Hours Recovery<br>1. No Visual Damage<br>2. Frequency Tol.<=5% |

# III. Mechanical Drawing and Material Description

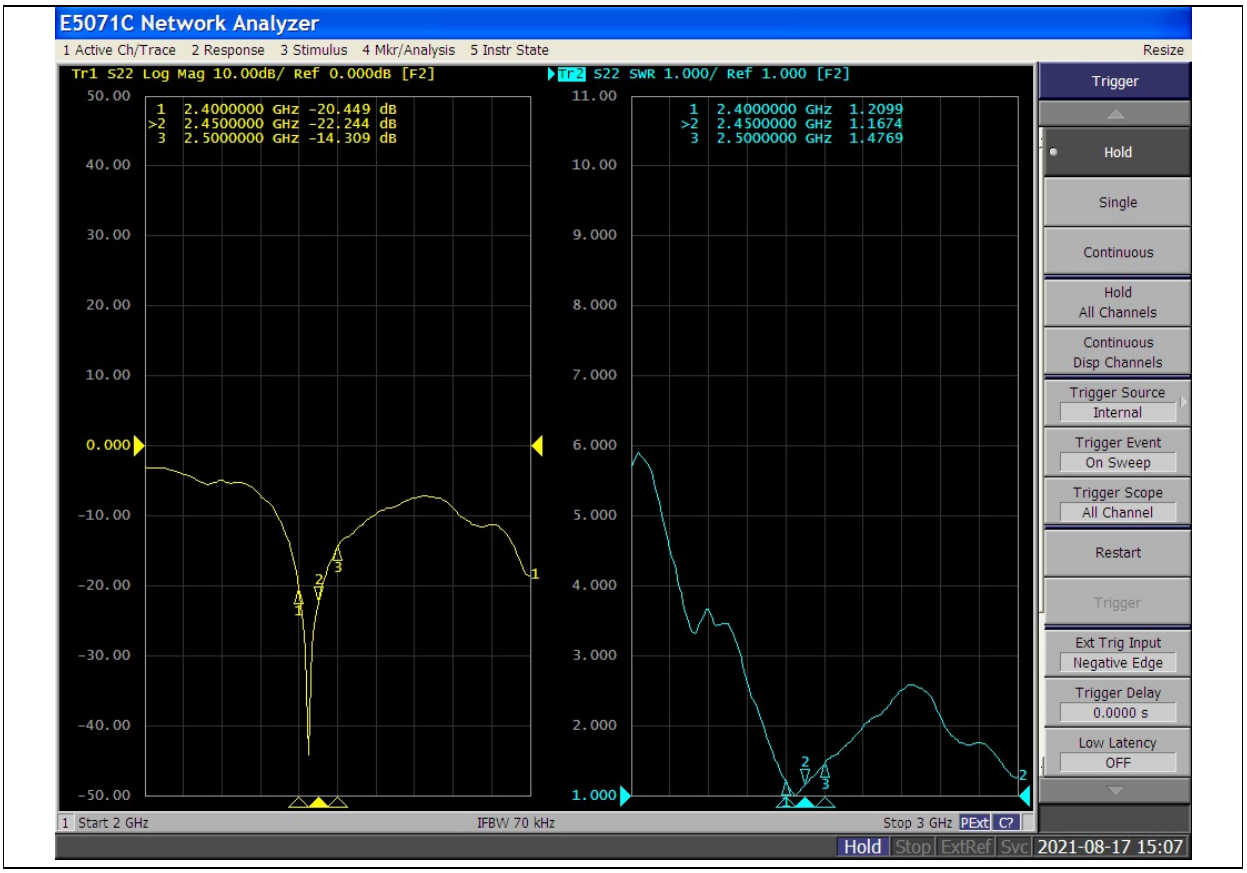



| NO. | Name | Q'ty |
|---|---|---|
| 6 | 泡棉 | 1 |
| 5 | RFCable | 1 |
| 4 | PCB | 1 |
| 3 | 天线定位塞 | 1 |
| 2 | 天线基座 | 1 |
| 1 | 天线杆套 | 1 |

# IV. RoHS Test Report

| NO. | Product Model | Constituents | Material | Test Result for RoHS-corresponding Substance | | | | | | PFOS | Halogen | | | | Series No. | Date | Title | Test Agent |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Cd | Pb | Hg | Cr(VI) | PBBs | PBDEs | PFOS | F | Cl | Br | I | | | | |
| 1 | 3120500195 | Cable | FEP | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | N.D | N.D | N.D | N.D | RLSHD000593720060 | 2011/04/25 | Jacket | 上海 SGS |
| | | | FEP | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | N.D | N.D | N.D | N.D | | | Insulation | 上海 SGS |
| | | | Wire-TC | N.D. | N.D. | N.D. | N.D. | | | | | | | | | | Outner conductor | CTI |
| | | | Wire-TC | N.D. | N.D. | N.D. | N.D. | | | | | | | | | | Inner conductor | CTI |
| 2 | 6142504929 | 杆套 | ABS | N.D. | N.D. | N.D. | N.D. | N.D. | N.D. | | | | | | SHAEC1200148411 | 2012/01/09 | 上海 ABS | 上海 SGS |
| 3 | 6142504930 | 基座 | PC | | N.D. | | N.D. | | | | | N.D. | N.D. | | GZ1106084755 | 2011/07/05 | PC S-2000VR | 广州 SGS |
| 4 | 6142504931 | 定位塞 | HDPE | | N.D. | | N.D. | | | | | N.D. | N.D. | | SHAEC1109428201 | 2011/06/27 | HDPE | 上海 SGS |
| 5 | 6410500526 | Foam | EVA | N.D. | 17 | N.D. | N.D. | N.D. | N.D. | | | | | | CANEC1103057901 | 2011/08/11 | EVA | 广州 SGS |
| 6 | 2051500805 | PCB | CEM-1+CU | N.D. | 5 | N.D. | | N.D. | N.D. | | | | | | CANEC1411243502 | 2014/07/18 | KB-6160 | SGS |

# V. Antenna – S Parameter Test Data



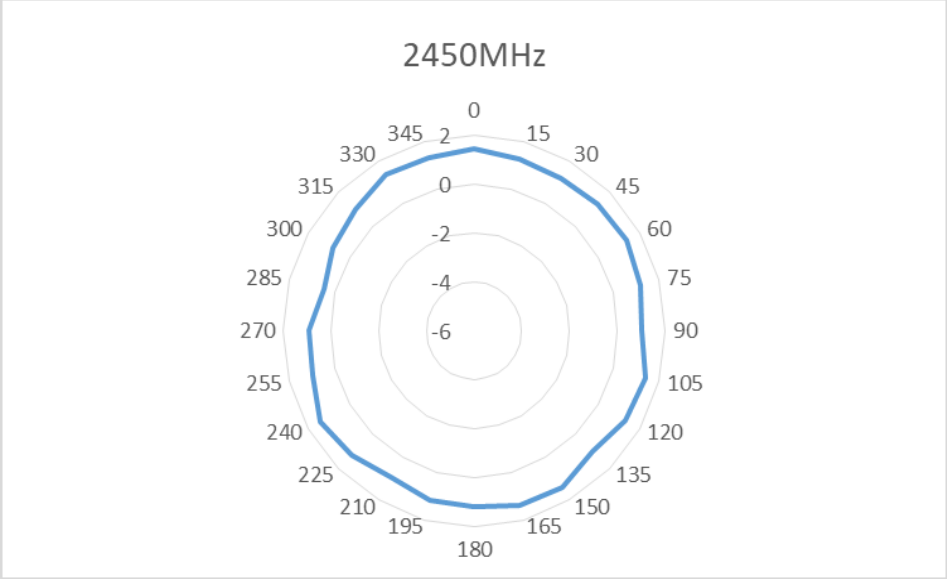

# VI. Antenna – Radiation Pattern Test Data

| Testing Equipment Specification | |
|---|---|
| **Microwave Chamber** | ETS |
| **Testing Equipment** | Agilent 5071B |

PeakGain：

| Freq | 2400 | 2410 | 2420 | 2430 | 2440 | 2450 | 2460 | 2470 | 2480 | 2490 | 2500 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Gain | 1.92 | 1.87 | 1.85 | 1.92 | 1.96 | 1.97 | 1.86 | 1.92 | 1.81 | 1.74 | 1.74 |

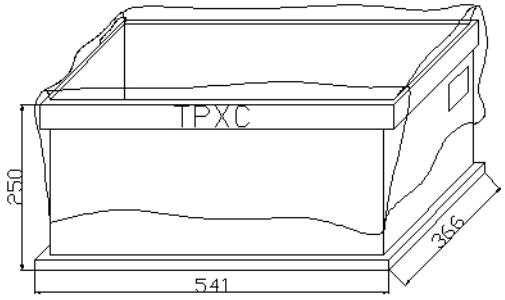
Theta=90°


2450MHz
0
15
30
45
60
75
90
105
120
135
150
165
180
195
210
225
240
255
270
285
300
315
330
345
2
0
-2
-4
-6

# VII. Packing Drawing

### ⅰ. Put ANT into Plastic Tray（400PCS/BOX）（仅作装箱说明）

### ii. Packing




Label

| | | | | |
|---|---|---|---|---|
| MO: | | P/N: | | ROHS |
| Specification: | | | | |
| Quantity: | （PCS） | G.W: | （Kg） | |
| Date: | | | | |
| Manufacturer: | Cable manufacturing department | | | |

4Tray，400PCS/Box

### iii.Sealing