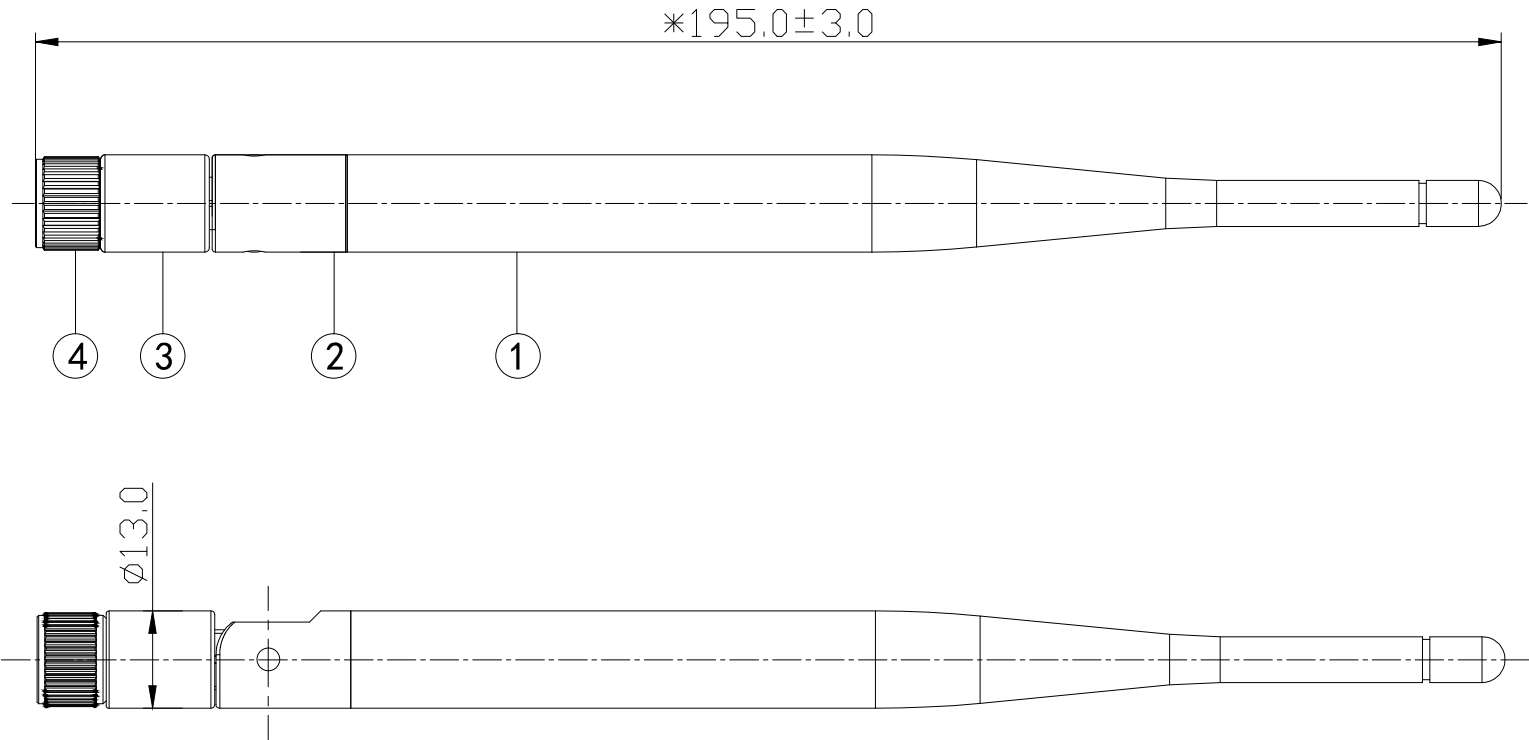
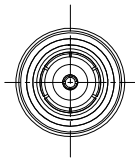


# 承认书项目表

| NO. | 内容<br>(Contents)       | 页数<br>(Number<br>of Page) | 页码<br>(Page<br>Code) |
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| 2   | 承认书项目表 (Spec Item )    | 1                         | 2                    |
| 3   | 工程成品图 (Drawing)        | 1                         | 3                    |
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| 8   |                        |                           |                      |
| 9   |                        |                           |                      |
| 10  | -                      | -                         | -                    |
| 11  | -                      | -                         | -                    |
| 12  | -                      | -                         | -                    |

| SIGN | DATE | DESCRIPTION | APPROVER |
|------|------|-------------|----------|
|      |      |             |          |
|      |      |             |          |
|      |      |             |          |



|     |                 |                  |          |        |      |
|-----|-----------------|------------------|----------|--------|------|
| 4   | SMA194-CCT5AN19 | SMA Male Reverse | ABS      |        | 1    |
| 3   | AN03-T07B       | Body1            | PA+ABS   | Black  | 1    |
| 2   | AN9201-07B      | Body2            | ABS      | Black  | 1    |
| 1   | AN9201-04B      | Body1            | TPE      | Black  | 1    |
| No. | Part Number     | Description      | Material | Finish | Q'ty |

|                            |  |                    |                            |                  |             |
|----------------------------|--|--------------------|----------------------------|------------------|-------------|
| 東莞脉讯电子有限公司                 |  |                    |                            |                  |             |
| TITLE:2.4G 5G 5.8G Antenna |  |                    |                            |                  |             |
| PART NO.: AN2450-0195Z     |  |                    | DWG NAME: AN2450-0195Z.dwg |                  |             |
| APPROVED BY                |  | CHECKED BY         |                            | DESIGNED BY      |             |
| jeff<br>2011-06-17         |  | leon<br>2011-06-17 |                            | YD<br>2011-06-17 | Tolerance   |
|                            |  |                    |                            | UNITS: mm        | X.X    0.30 |
|                            |  |                    |                            | SCALE: 1/1       | X.XX   0.10 |
|                            |  |                    |                            | REVISION: A      | X.A    0.2A |

# 电性测试报告

## Test Reports

|                                                                                    |                                                |
|------------------------------------------------------------------------------------|------------------------------------------------|
| Sample Photo                                                                       |                                                |
|  |                                                |
| A. Electrical Characteristics                                                      |                                                |
| Frequency                                                                          | 2400 ~ 2500 MHz<br>4900 ~ 5900 MHz             |
| S.W.R.                                                                             | $\leq 2.5$                                     |
| Antenna Gain                                                                       | $5.0 \pm 0.7\text{dBi}$                        |
| Polarization                                                                       | Linear                                         |
| Impedance                                                                          | 50 Ohm                                         |
| B. Material & Mechanical Characteristics                                           |                                                |
| Material of Radiator                                                               | CU                                             |
| Material of Plastic                                                                | Body: TPE<br>Hinge: PA+ABS<br>Holder: PA + ABS |
| Cable Type                                                                         | RG-178                                         |
| Connector Type                                                                     |                                                |
| Connector Pull Test                                                                | $\geq 5\text{ Kg}$                             |
| Connector Torque Test                                                              | 200 ~ 500 g.cm                                 |
| C. Environmental                                                                   |                                                |
| Operation Temperature                                                              | - 40 °C ~ + 65 °C                              |
| Storage Temperature                                                                | - 40 °C ~ + 80 °C                              |

东莞市脉讯电子有限公司

Tel:0769-33691210 Fax:0769-82381572

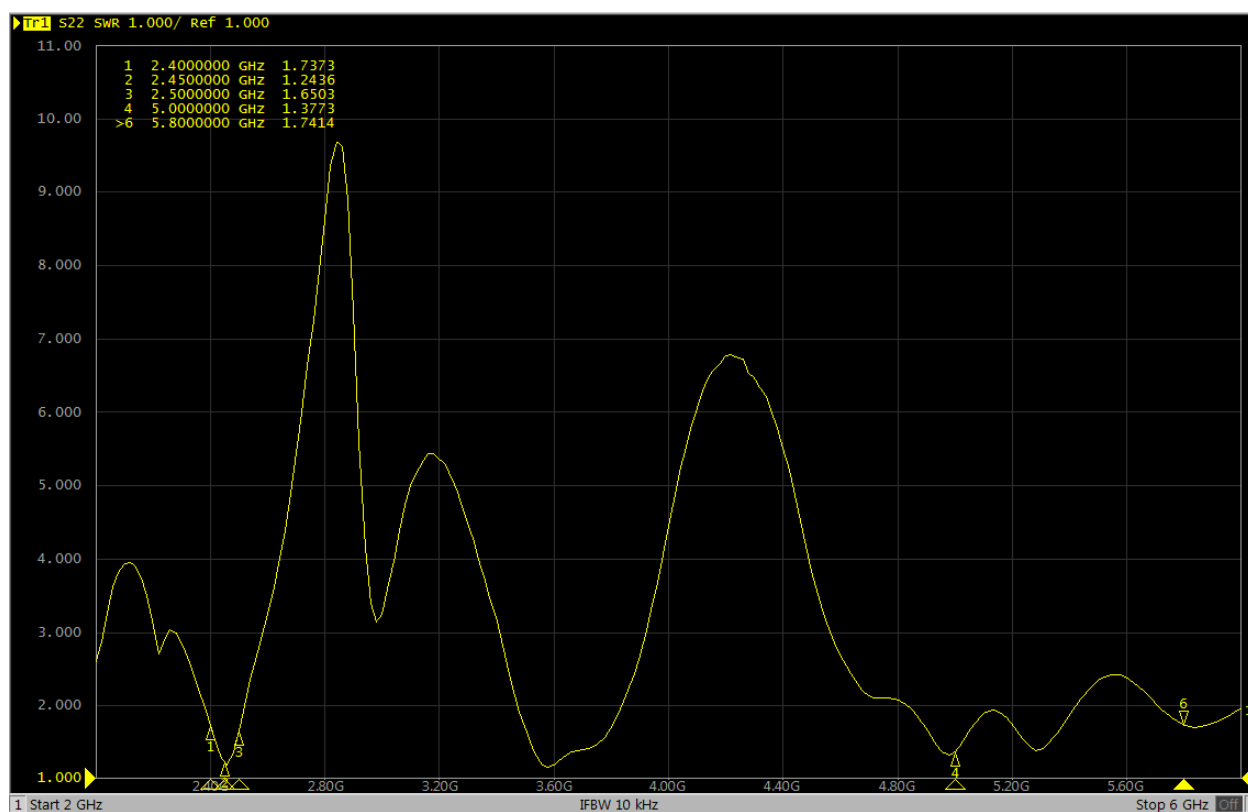
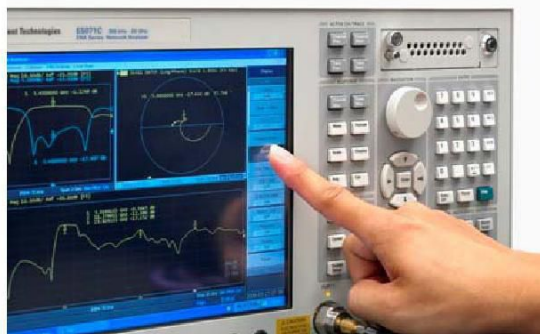
Manufacturer: Shenzhen Letine Technology Co., Ltd.

Manufacturer address: 2nd Floor, No.5 Building, Dongwu Industrial Park, Donghuan 1st Road, Longhua New District, Shenzhen

# S 参数测试

## S Parameter Test

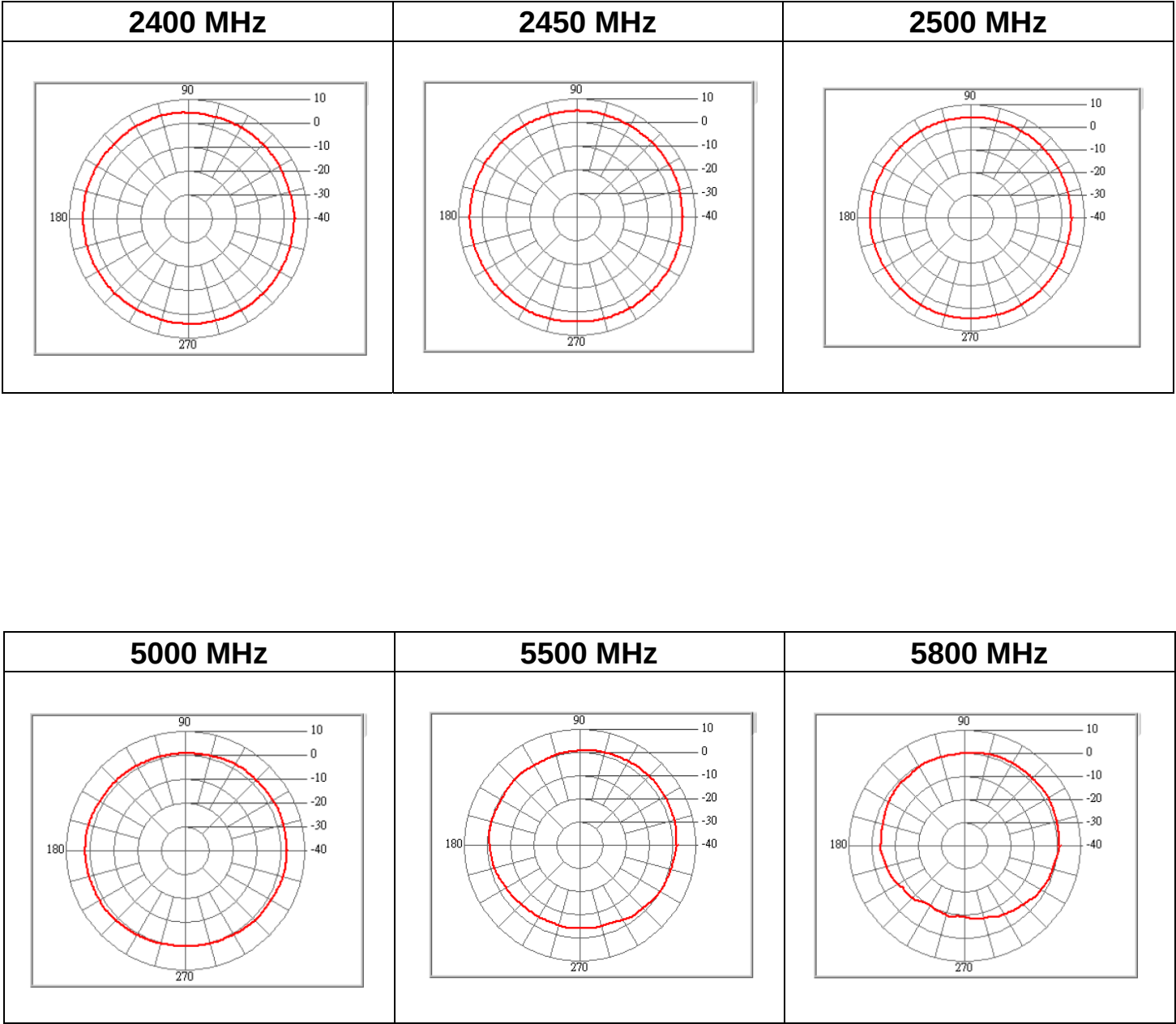
*Agilent E5071C*



Product Name: Antenna

Antenna - Radiation Pattern Test Data

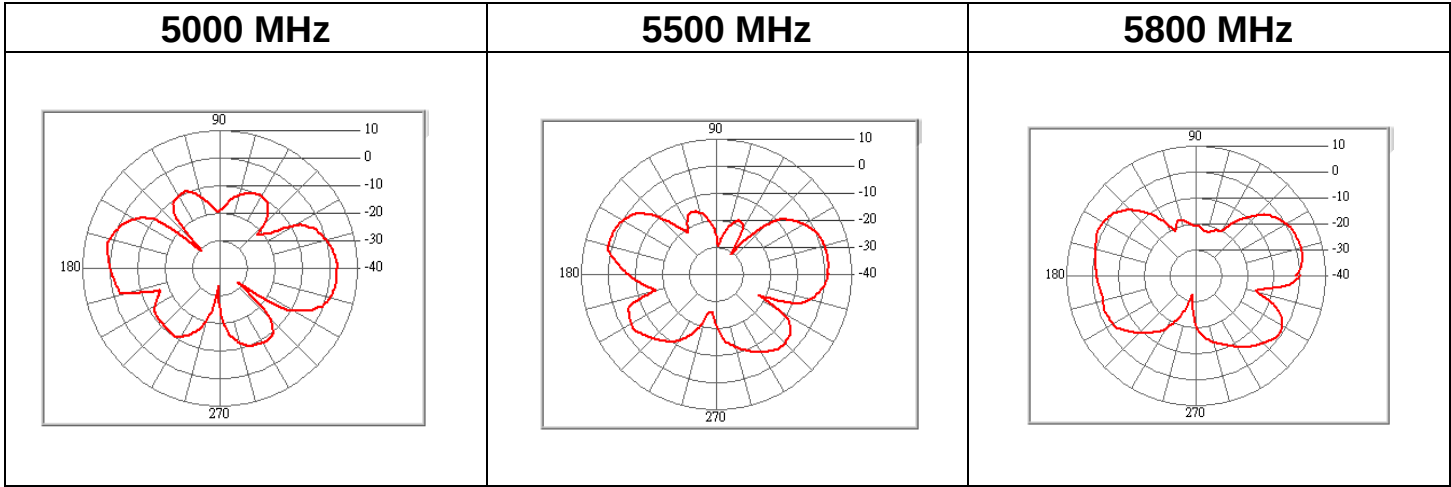
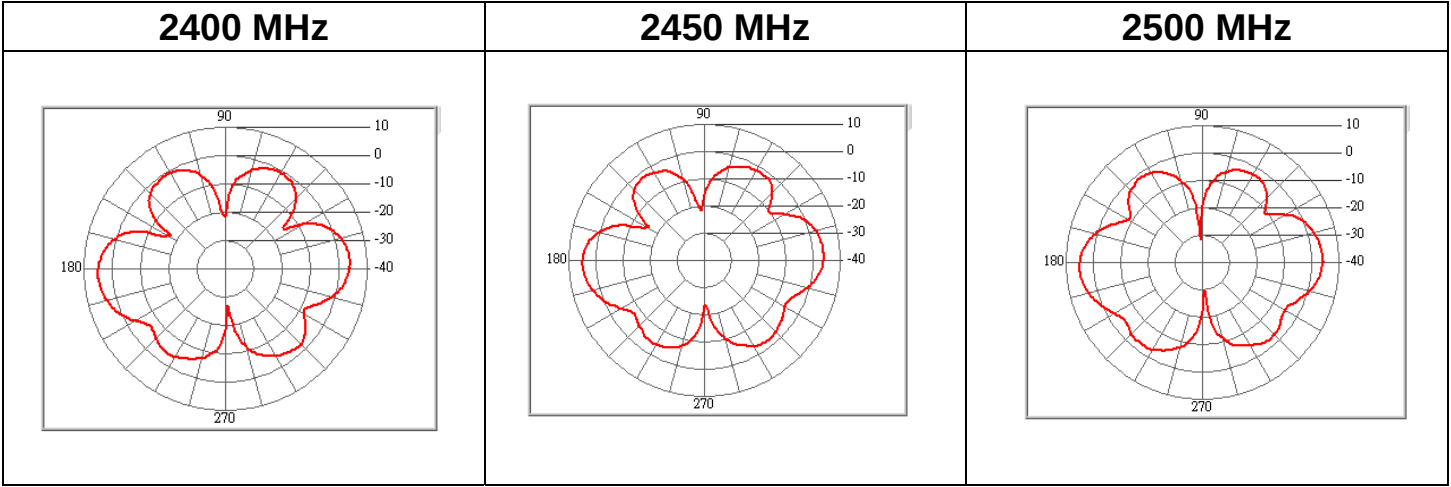
XY-PLANE



Product Name: Antenna

Antenna - Radiation Pattern Test Data

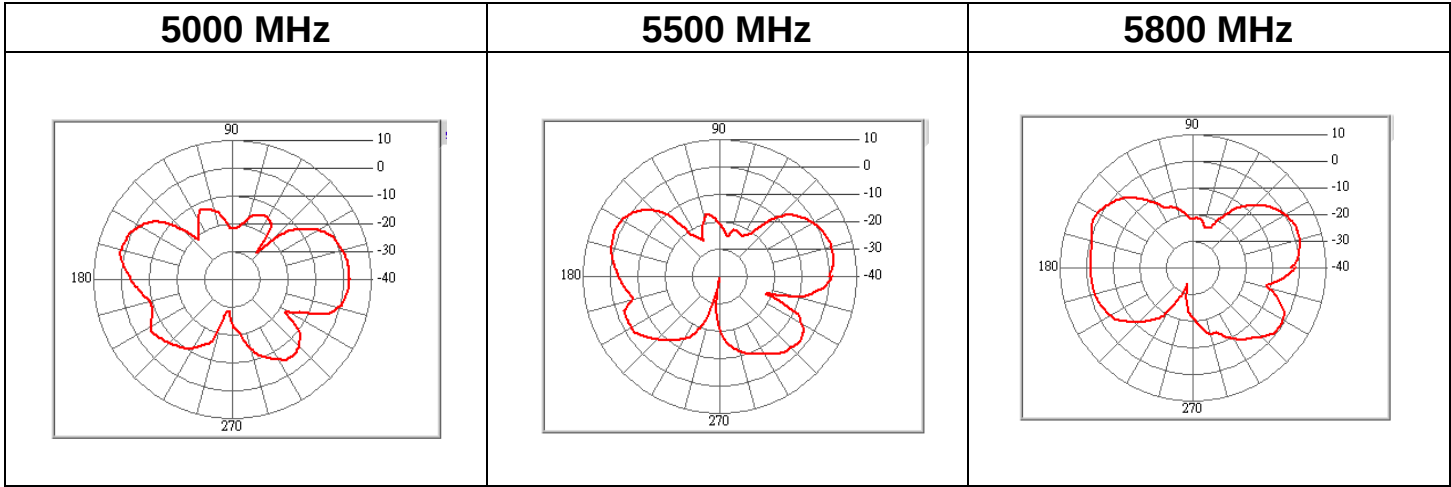
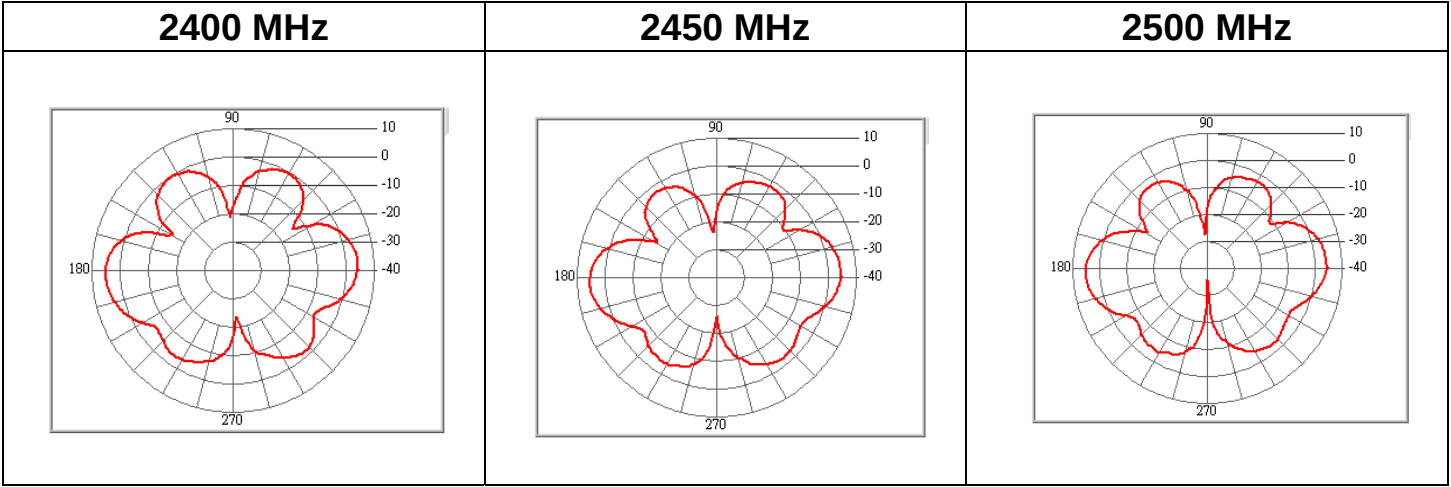
XZ-PLANE



Product Name: Antenna

Antenna - Radiation Pattern Test Data

YZ-PLANE



|                |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|
| Frequency      | 2400 | 2450 | 2500 | 5000 | 5500 | 5800 |
| Peak Gain(dbi) | 4.69 | 5.29 | 4.63 | 3.04 | 2.34 | 2.27 |