

# Antenna Specifications

Shenzhen Cheyang Technology Co.,Ltd.

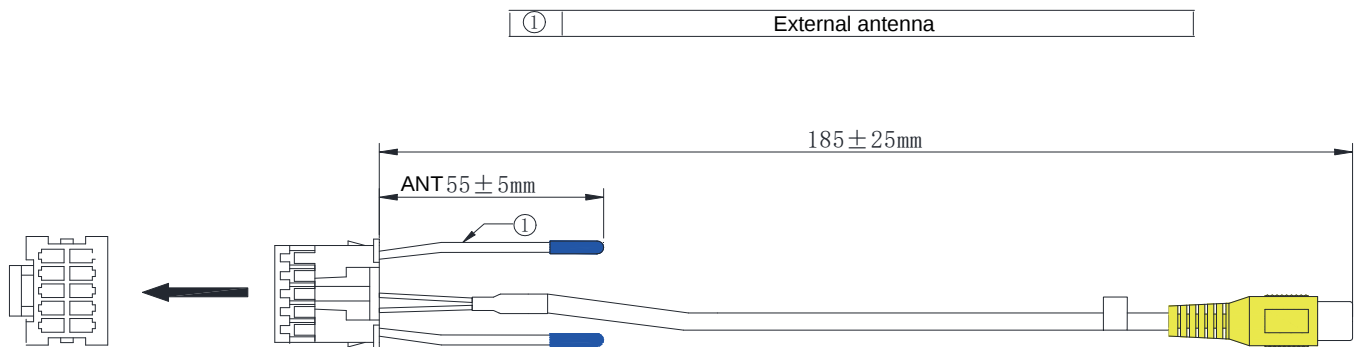
Address: 369 Bulong Road, Ma'antang Community, Bantian Street, Longgang District  
Shenzhen, Guangdong, China

DESCRIPTION: External antenna

## 1. Electrical Specification

| Specification     |              |
|-------------------|--------------|
| Working Frequency | 2.4GHz, 5GHz |
|                   |              |

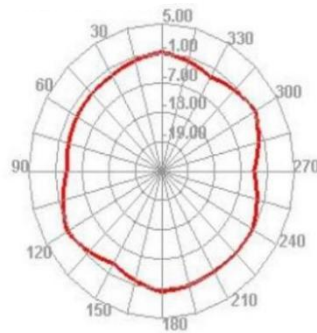
## 2. Antenna shape



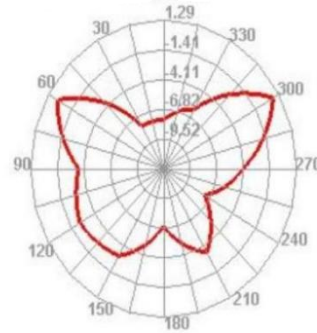
### 3: Darkroom Test Report

| Passive Test For 5180-5240MHz, 5745-5825MHz |          |           |             |         |         |          |          |             |             |
|---------------------------------------------|----------|-----------|-------------|---------|---------|----------|----------|-------------|-------------|
| Freq (MHz)                                  | Effi (%) | Effi (dB) | Gain (dBi)  | UHS (%) | DHS (%) | Max (dB) | Min (dB) | Attenut Hor | Attenut Ver |
| 5180                                        | 57.5     | -2.4      | 1.29        | 35.8    | 21.768  | 1.29     | -12.22   | 59.04       | 58.22       |
| 5220                                        | 61.2     | -2.13     | 1.67        | 37.7    | 23.494  | 1.67     | -11.29   | 58.69       | 58.07       |
| 5240                                        | 62       | -2.08     | <b>1.81</b> | 26.8    | 35.218  | 1.81     | -9.81    | 48.59       | 48.53       |
| 5745                                        | 56.2     | -2.5      | 1.17        | 24.5    | 31.7    | 1.17     | -10.26   | 48.73       | 48.42       |
| 5785                                        | 53.4     | -2.73     | 0.73        | 23.7    | 29.639  | 0.73     | -10.6    | 48.44       | 48.12       |
| 5825                                        | 60.9     | -2.16     | 1.05        | 27.6    | 33.234  | 1.05     | -9.96    | 48.55       | 48.21       |

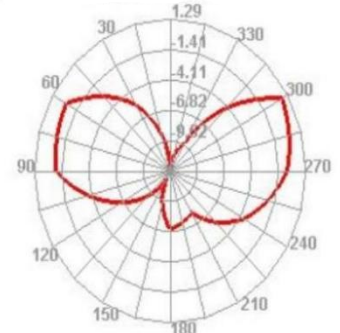
5180.00MHz



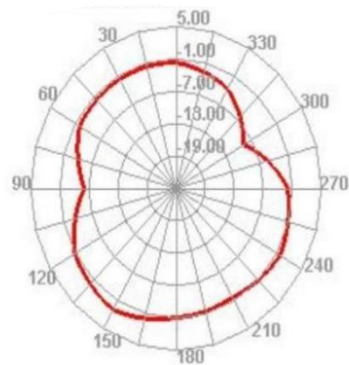
5220.00MHz



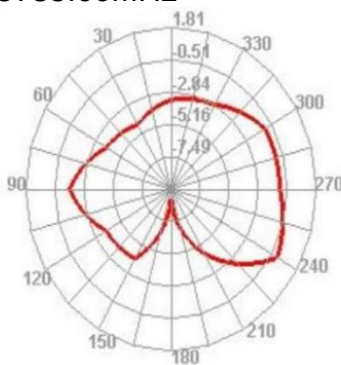
5240.00MHz



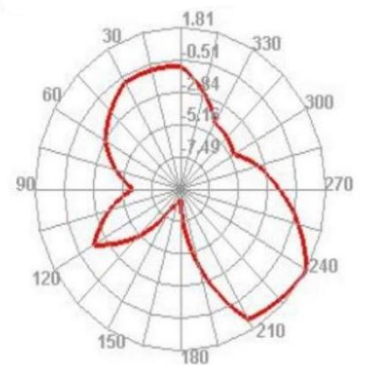
5745.00MHz



5785.00MHz

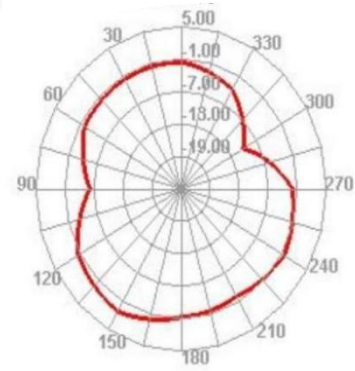


5825.00MHz

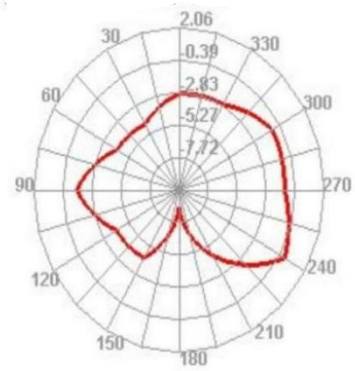


| Passive Test For 2400-2500 |             |              |               |            |             |             |             |                |                |
|----------------------------|-------------|--------------|---------------|------------|-------------|-------------|-------------|----------------|----------------|
| Freq<br>(MHz)              | Effi<br>(%) | Effi<br>(dB) | Gain<br>(dBi) | UHS<br>(%) | DHIS<br>(%) | Max<br>(dB) | Min<br>(dB) | Attenut<br>Hor | Attenut<br>Ver |
| 2400                       | 62.4        | -2.05        | 2.06          | 26.7       | 35.695      | 2.06        | -10.16      | 48.55          | 48.51          |
| 2450                       | 64.7        | -1.89        | 1.02          | 30         | 34.742      | 1.02        | -9.68       | 48.76          | 48.47          |
| 2500                       | 69.7        | -1.57        | 1.06          | 34.7       | 35.013      | 1.06        | -10.33      | 49.21          | 48.76          |

2400.00MHz



2450.00MHz



2500.00MHz

