

## 2.4GHz Dipole 2 dBi Antenna

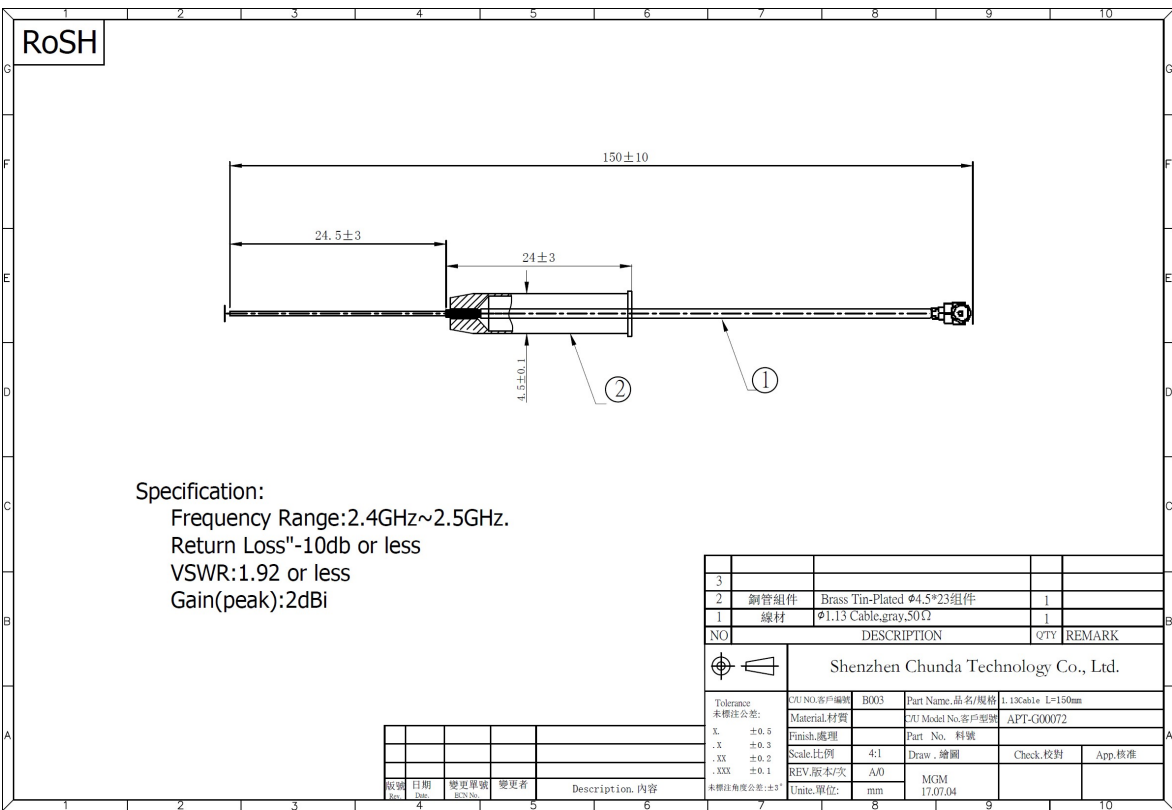
This 2.4GHz omni directional antenna provides broad coverage with 2 dBi gain. It is a coaxial sleeve design with an omni-directional pattern.

### Specification:

#### Technical Information

|                  |                    |
|------------------|--------------------|
| Item No.         | APT-G00072         |
| Frequency        | 2400-2500 MHz      |
| Gain             | 2dBi               |
| Polarization     | Vertical           |
| ELECTRICAL WAVE: | $\lambda/4$ DIOPLE |
| VSWR             | $\leq 1.92$        |
| Impedance        | 50 $\Omega$        |

#### Dimensions



OPERATION TEMPERATURE: -20~+60 °C

STORAGE TEMPERATURE: -30~+75 °C

### Shenzhen Chunda Technology Co., Ltd.

Room 708, Junfeng edifice, baoan Road, xixiang town, Bao'an District, Shenzhen, Guangdong, 518100, China

Tel: 86-755-29979776

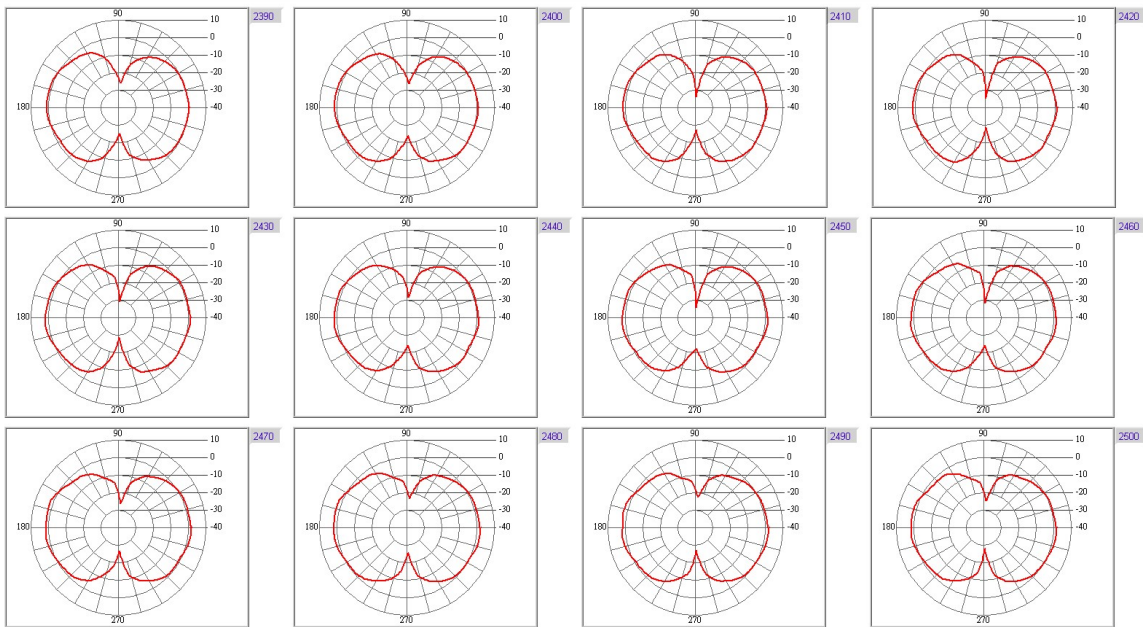
Emai: chun-da@163.com

# Plane field Patterns

Antenna : 2.4GHz Antenna  
Remark : E-Plane // H-Pol  
Tested by : Antenna 3D Lab

Location: **Chamber**      Date: **2012/3/18**      Time: **上午 11:23:07**  
Temperatuer (°C): **25.00**      Humidity (%): **65.00**      Approved by:

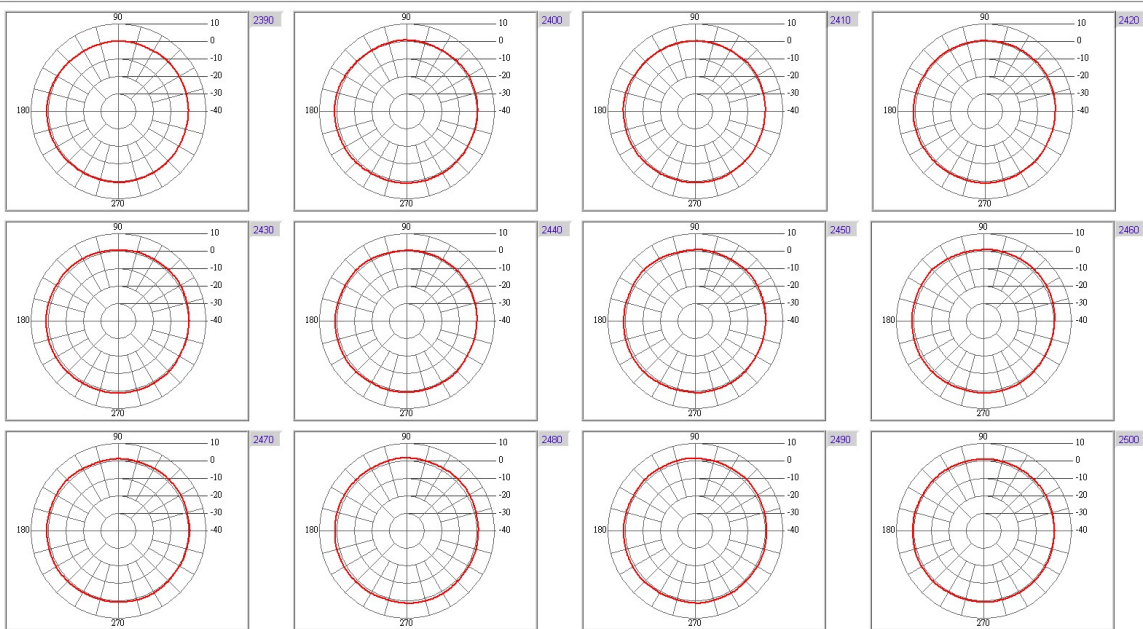
| Freq. (MHz)     | 2390  | 2400  | 2410  | 2420  | 2430  | 2440  | 2450  | 2460  | 2470 | 2480  | 2490 | 2500  |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|
| Peak Gain (dBi) | 0.95  | 1.17  | 1.27  | 1.31  | 1.6   | 1.55  | 1.79  | 1.64  | 1.66 | 2.06  | 2.05 | 1.8   |
| Peak Degree     | 178   | 178   | 178   | 178   | 180   | 188   | 356   | 169   | 356  | 168   | 356  |       |
| AV Gain (dBi)   | -1.93 | -2.08 | -2.22 | -2.16 | -1.85 | -1.96 | -1.82 | -1.68 | -1.8 | -1.59 | -1.6 | -2.05 |



Antenna : 2.4 GHz Antenna  
Remark : E-Plane // H-Pol  
Tested by : Antenna 3D Lab

Location: **Chamber**      Date: **2012/3/18**      Time: **上午 10:30:46**  
Temperatuer (°C): **25.00**      Humidity (%): **65.00**      Approved by:

| Freq. (MHz)     | 2390 | 2400 | 2410 | 2420 | 2430 | 2440 | 2450 | 2460 | 2470 | 2480 | 2490 | 2500 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Peak Gain (dBi) | 0.88 | 1.25 | 1.1  | 1.17 | 1.34 | 1.16 | 1.52 | 1.8  | 1.42 | 1.67 | 1.63 | 1.09 |
| Peak Degree     | 199  | 220  | 178  | 272  | 220  | 136  | 136  | 136  | 136  | 95   | 42   | 42   |
| AV Gain (dBi)   | 0.32 | 0.74 | 0.54 | 0.64 | 0.93 | 0.66 | 0.84 | 1.02 | 0.88 | 1.22 | 1.07 | 0.77 |



VSWR

