

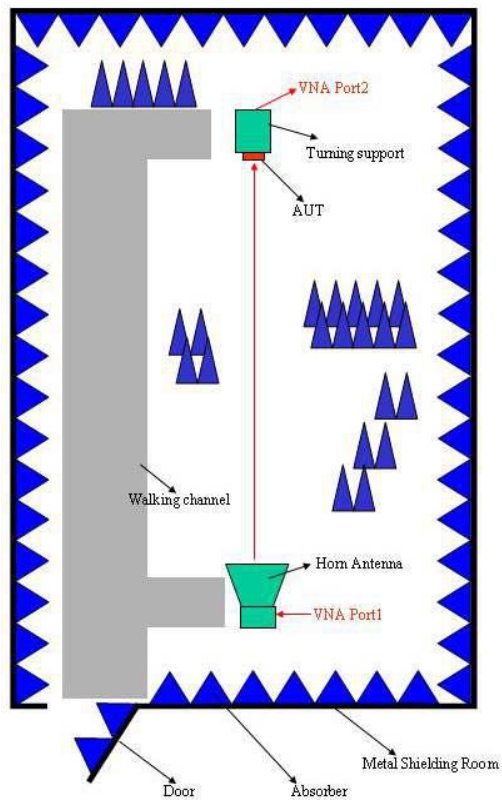
## Antenna specification

### 1. Antenna Describe

|                |                                                                                                |
|----------------|------------------------------------------------------------------------------------------------|
| Antenna plate  | External antenna                                                                               |
| Model Name     | ACO9                                                                                           |
| Antenna Gain   | 1.5(Peak gain)                                                                                 |
| Frequency Rang | 462.55-467.75MHz                                                                               |
| Company Name   | Shenzhen Cient Communication Technology Co.,Ltd.                                               |
| Address:       | 501A&B-A Blockk,Donglian Building,Chuangye 2 road,Baoan District, Shenzhen,Guangdong,P.R china |

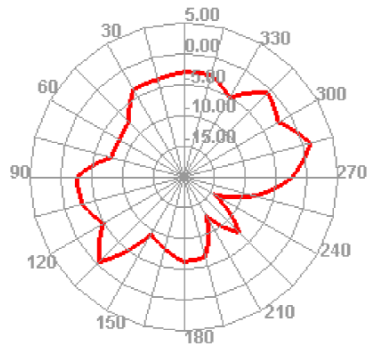


### 2. Test-up Diagram

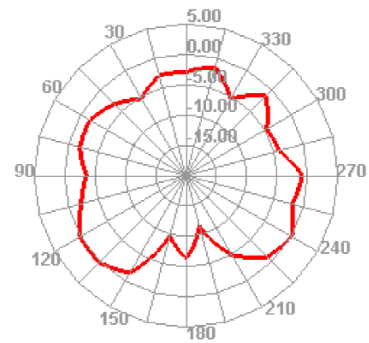


### 3. Antenna Radiation Pattern

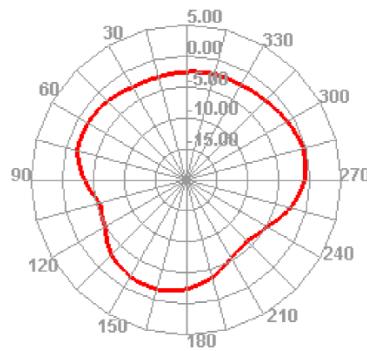
| Frequency(MHz) | Gain  |        |     |
|----------------|-------|--------|-----|
|                | AVG   | MIN    | MAX |
| 462.55MHz      | -3.07 | -14.85 | 1.5 |



ZX plane

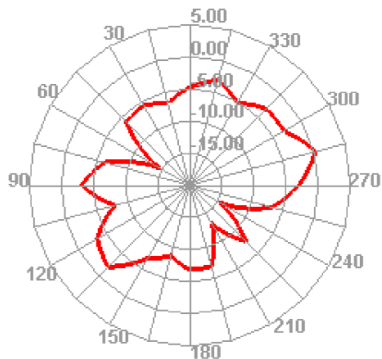


ZY plane

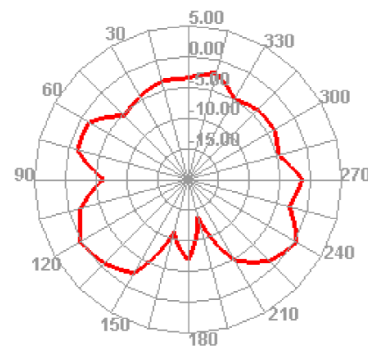


XY plane

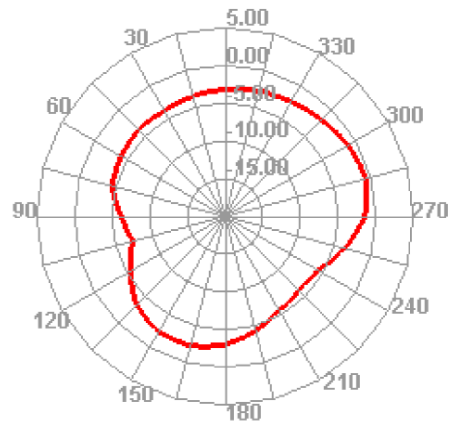
| Frequency(MHz) | Gain  |        |      |
|----------------|-------|--------|------|
|                | AVG   | MIN    | MAX  |
| 465.65MHz      | -3.61 | -17.03 | 0.77 |



ZX plane

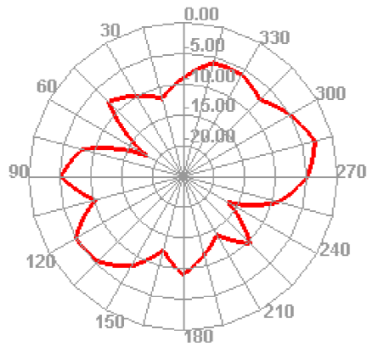


ZY plane

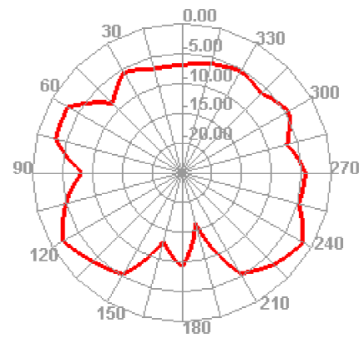


XY plane

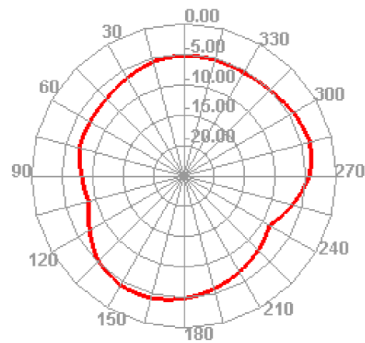
| Frequency(MHz) | Gain  |        |       |
|----------------|-------|--------|-------|
|                | AVG   | MIN    | MAX   |
| 467.75MHz      | -5.88 | -24.25 | -1.61 |



ZX plane



ZY plane



XY plane