

# High Gain 120-Degree Sector Antenna for 5.25 / 5.6 / 5.8 GHz (802.11a)

Version 0.2

## ANT58-1404

### Electrical Specification

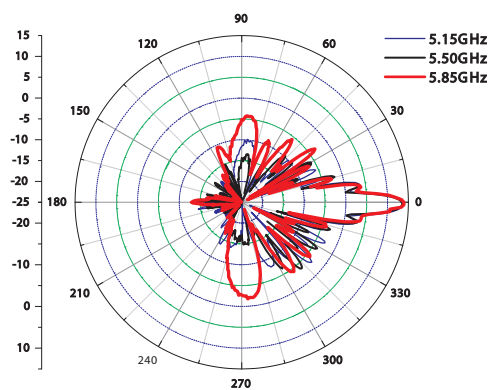
|                     |                     |
|---------------------|---------------------|
| Frequency range     | 5150 MHz - 5875 MHz |
| Gain                | 13.5 dBi            |
| VSWR                | 2.0 : 1 Max.        |
| Polarization        | Linear, vertical    |
| HPBW / horizontal   | 120°                |
| HPBW / vertical     | 6°                  |
| Electrical downtilt | 0°                  |
| Power handling      | 5W (cw)             |
| Impedance           | 50 Ohms             |
| Connector           | N-type Jack         |



### Environmental & Mechanical Characteristics

|                      |                  |
|----------------------|------------------|
| Survival wind speed  | 216 km/hr        |
| Temperature          | - 40°C to +80°C  |
| Humidity             | 95% @ 25° C      |
| Lightning protection | DC ground        |
| Radome color         | Gray, White      |
| Radome material      | ABS              |
| Weight               | 590 gw           |
| Dimensions           | 620 x 88 x 70 mm |

V-Plane Co-polarization pattern



H-Plane Co-polarization pattern

