

# Dual-Band Omni-Directional Antenna for 2.4 / 5.2 / 5.6 / 5.8 GHz

Version 1

**SAA04-220080**

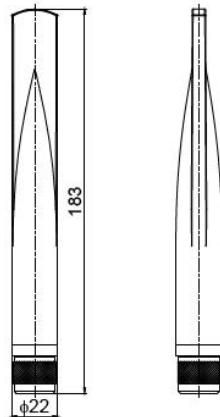
## Electrical Specification

|                 |                     |                     |
|-----------------|---------------------|---------------------|
| Frequency range | 2400 MHz - 2483 MHz | 5150 MHz - 5875 MHz |
| Peak gain       | 4.5 dBi             | 7.0 dBi             |
| Average gain    | 2.5 dBi             | 5.0 dBi             |
| VSWR            | 2.0 : 1 Max.        |                     |
| Polarization    | Linear, vertical    |                     |
| Power handling  | 2 W (cw)            |                     |
| Impedance       | 50 Ohms             |                     |
| Connector       | RP- N plug          |                     |

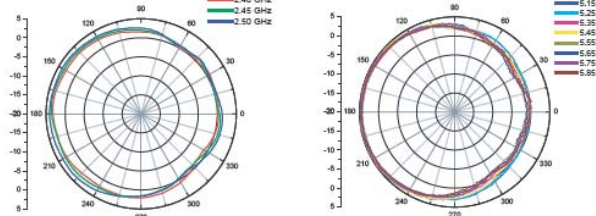


## Environmental & Mechanical Characteristics

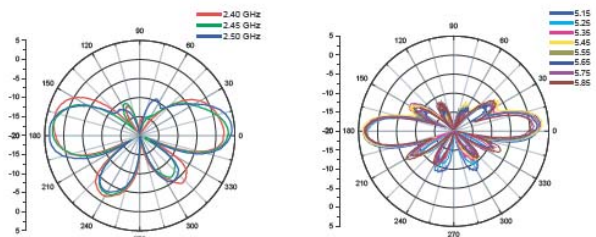
|                     |                 |
|---------------------|-----------------|
| Survival wind speed | 216 km/hr       |
| Temperature         | - 40°C to +70°C |
| Humidity            | 95% @ 25° C     |
| Radome color        | Gray            |
| Radome material     | ABS             |
| Weight              | 70 gw           |
| Dimensions          | φ22 x 183 mm    |



H-plane Co-polarization pattern



V-plane Co-polarization pattern



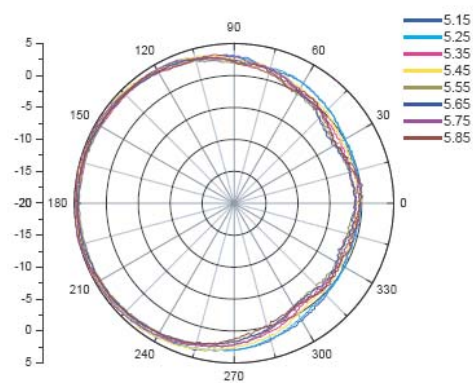
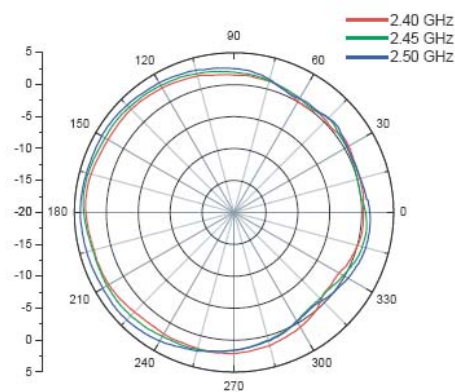
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## Radiation Pattern

H-plane Co-polarization pattern



V-plane Co-polarization pattern

