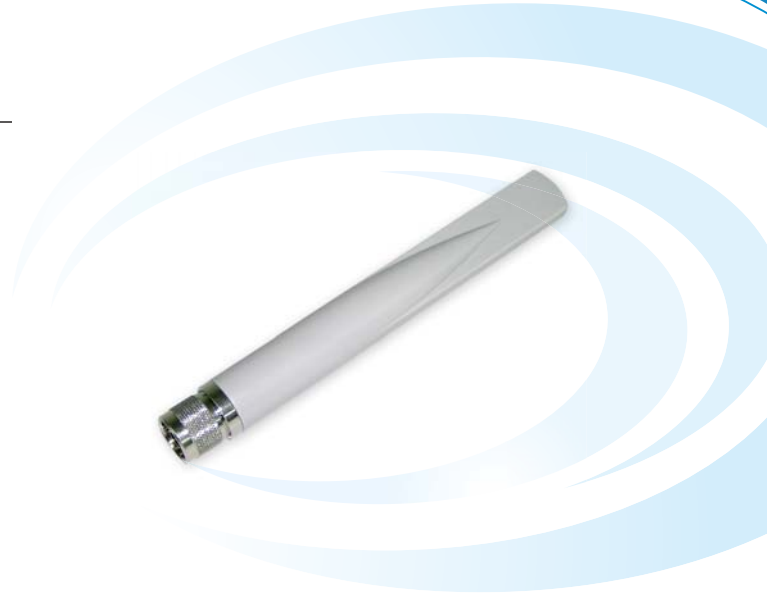


## WAE-5AG

### 5dbi Dual Band Outdoor Omni Antenna

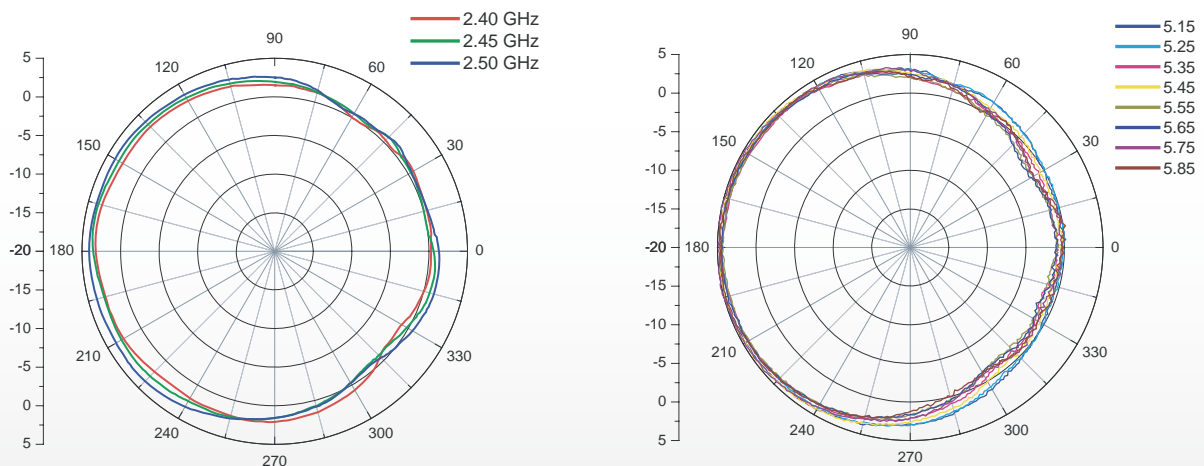
The WAE-5AG is a 5dBi wireless antenna constructed of weather resistant material. It can operate in both 2.4GHz and 5GHz spectrum. This makes it ideal to work with Dual Band outdoor AP. The omni-directional(360 degree horizontal) coverage is suitable for outdoor AP or multi-point Bridge use. The antenna is equipped with male N-Type connector for direct installation on the outdoor AP.



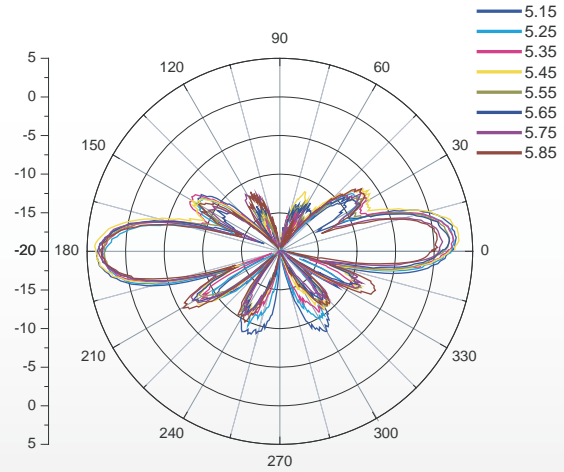
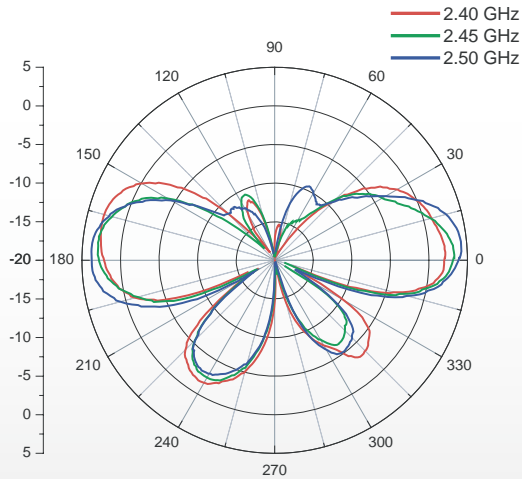
### Dual Band Multi-pont Bridge or Outdoor AP use

The WAE-5G is an outdoor antenna with wide coverage angle. It is ideal for building AP + Bridge network at around 500meter diameter. It is also very suitable for hotspot deployment. At 2.4GHz, it has peak gain of 4.5dBi with 360 degree horizontal and 30 degree vertical coverage. At 5GHz, it has peak gain of 7dBi with 360 degree horizontal and 15 degree vertical coverage. It is highly recommended for use with our WH-9200Ap and WHA-5500CPE-NT outdoor Access Points.

H-plane Co-polarization pattern



V-plane Co-polarization pattern



**Specifications**

**2.4GHz Frequency range**

- 2400 MHz - 2483 MHz

**2.4GHz Peak gain**

- 4.5 dBi

**2.4GHz Average gain**

- 2.5 dBi

**5GHz Frequency range**

- 5150 MHz - 5875 MHz

**5GHz Peak gain**

- 7.0 dBi

**5GHz Average gain**

- 5.0 dBi

**2.4GHz HPBW / horizontal**

- 360°

**2.4GHz HPBW / vertical**

- 30°

**5GHz HPBW / horizontal**

- 360°

**5GHz HPBW / vertical**

- 15°

**VSWR**

- 2.0 : 1 Max.

**Polarization**

- Linear, vertical

**Power handling**

- 2 W

**Impedance**

- 50 Ohms

**Connector**

- Male N-Type

**Survival wind speed**

- 216 km/hr

**Temperature**

- -40°C to +70°C

**Humidity**

- 95% @ 55°C

**Radome material**

- ABS

**Ordering Information:**

**AirLive WAE-5AG** 5dbi Dual Band Outdoor Omni Antenna