

## **Directional Antenna Information**

**Width of beam at the half-power point:**  $0.25^{\circ}$  (3-dB beamwidth). The 15-dB beamwidth is  $0.50^{\circ}$ .

**Orientation in the horizontal plane (azimuth):** The antenna operates over the full azimuth range,  $0^{\circ}$  through  $360^{\circ}$  measured from True North, as required to acquire and track the satellite throughout each pass.

**Orientation in the vertical plane (elevation):** The antenna operates from a minimum elevation angle of  $5.0^{\circ}$  above the horizon up toward the local zenith, following the satellite's elevation profile during each pass.