



## Directional Antenna Information Sheet

Ground Station Directional antennas used in Sceye flight operations include the following:

### S-Band (2377 MHz)

- i) Width of beam in degrees at the half-power point: 6 degrees
- ii) The horizontal orientation is variable because the antenna is on an azimuth-elevation (2-axis) rotator
- iii) The vertical orientation is variable because the antenna is on an azimuth-elevation (2-axis) rotator

### L-Band (1444.5 MHz, 1463.6 MHz, 1501.5 MHz, 1520.5 MHz)

- i) Width of beam in degrees at the half-power point: 30 degrees
- ii) The horizontal orientation is variable because the antenna is on an azimuth-elevation (2-axis) rotator
- iii) The vertical orientation is variable because the antenna is on an azimuth-elevation (2-axis) rotator