

Form 442 Technical Information – Directional Antenna

The directional antenna will have a beam width of 21° at half power.

The antennas are steerable on an elevation-over-azimuth mount. So we can orient them at any azimuth (0 to 360 degrees referenced to true north) and any elevation angle (0 to 90 degrees referenced to the local horizon). So there is no one orientation because the antennas are not fixed. The orientation will change as a function of each pass of the satellite where they are pointed at the satellite from AOS to LOS.