

University of Florida  
D3  
Directional Antenna

This application describes the directional antenna on the ground which transmits data to and receives data from the satellite on orbit. The positioning motors are capable of effectively pointing the antennas to 0-360° in azimuth (N-E-S-W-N) and 0-90° in elevation (from horizon to zenith). The antenna has a half power, full width beam spread of approximately 30°. The antenna height is 7.6 meters above the terrain.

If there are any questions, please contact:

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