

Directional Antenna

Our system utilizes 4 directional antennas: an X-Band Patch Antenna, an S-Band Patch Antenna, an X-Band Patch Antenna Array, and an S-Band Patch Antenna Array.

X-Band Patch Antenna Array	
Width of Beam in Degrees at the Half Power Point	105 degrees
Orientation in Horizontal Plane (degrees)	90 degrees
Orientation in Vertical Plane (degrees)	90 degrees
X-Band Patch Antenna	
Width of Beam in Degrees at the Half Power Point	101.588 degrees
Orientation in Horizontal Plane (degrees)	90 degrees
Orientation in Vertical Plane (degrees)	90 degrees
S-Band Patch Antenna Array	
Width of Beam in Degrees at the Half Power Point	92.25 degrees
Orientation in Horizontal Plane (degrees)	90 degrees
Orientation in Vertical Plane (degrees)	90 degrees
S-Band Patch Antenna	
Width of Beam in Degrees at the Half Power Point	85.292 degrees
Orientation in Horizontal Plane (degrees)	90 degrees
Orientation in Vertical Plane (degrees)	90 degrees