

Additional Antenna Information

The antenna is Lockheed Martin built engineering model #77D622207 and is referred to as the HB Array. The antenna has the following characteristics:

Antenna Type: Planar Phased Array, Multiple Element, non rotating

Antenna Gain: 25db

Polarization: Horizontal, Vertical, Circular Left Hand, Circular Right Hand

Orientation in the horizontal plane: 0-360 deg fixed manual physical pointing.

Orientation in the vertical plane: Fixed at -90 deg, pointing directly at the horizon

Horizontal electronic RF beam scanning: Within 120 deg centered of the fixed azimuth pointing.

Vertical electronic RF beam scanning: Within 90 deg of the vertical orientation pointing at the horizon.