

Exhibit to Directional Antenna:

Width of Beam at Half Power point: 90 degrees

Orientation in Horizontal Plane: Various azimuth pointing angles

Orientation in Vertical Plane: 10 degrees up from horizon

<https://www.wilsonamplifiers.com/yagi-directional-antenna-wide-band-50ohm-n-connector-304411/>

Entire area is surrounded by low foothills and area of operation is in a slight valley. This will mitigate long range propagation effects