

Deployment Parameters

The initial stage of the experimental trial proposes operation from eight sites, located on existing towers located in rural areas of Minnesota and North Dakota. Specific parameters of proposed operation are detailed in the chart below:

Coordinates	47-55-32.6N / 97-16-32.6W
Beam Width	65 °
Orientation in Horizontal Plane	0 °, 90°, 180° and 270°
Orientation in Vertical Plane	6°

Coordinates	47-46-37.8N / 97-06-36.2W
Beam Width	65 °
Orientation in Horizontal Plane	0 °, 90°, 180° and 270°
Orientation in Vertical Plane	6°

Coordinates	48-00-18.6N / 97-04-26.9W
Beam Width	65 °
Orientation in Horizontal Plane	0 °, 90°, 180° and 270°
Orientation in Vertical Plane	6°

Coordinates	47-52-33.3N / 97-02-55.9W
Beam Width	65 °
Orientation in Horizontal Plane	0 °, 90°, 180° and 270°
Orientation in Vertical Plane	6°

Coordinates	46-53-01.2N / 96-36-55.8W
Beam Width	65 °
Orientation in Horizontal Plane	0 °, 90°, 180° and 270°
Orientation in Vertical Plane	6°

Coordinates	46-46-71.7N / 96-39-09.7W
Beam Width	65 °
Orientation in Horizontal Plane	0 °, 90°, 180° and 270°
Orientation in Vertical Plane	6°

Coordinates	46-53-36.9N / 96-44-18.2W
Beam Width	65 °
Orientation in Horizontal Plane	0 °, 90°, 180° and 270°
Orientation in Vertical Plane	6°

Coordinates	46-44-20.6N / 96-50-15.6W
Beam Width	65 °
Orientation in Horizontal Plane	0 °, 90°, 180° and 270°
Orientation in Vertical Plane	6°