

Directional Antenna Information

There will be 3 base station units placed to cover different portions of the track. These will have directional antennas.

	Base Station 1	Base Station 2	Base Station 3
Width of beam in degrees at the half power point	65 deg	65 deg	65 deg
Orientation in horizontal plane	75 deg	195 deg	315 deg
Orientation in vertical plane	6-12 deg down	6-12 deg down	6-12 deg down

The peak EIRP for each base station will be 631 W.

Additional Information about Mobile Transmitters.

The mobile units will not contain directional antennas. The peak EIRP for each mobile transmitter will be. 0.63 W.