

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.