

DIRECTIONALITY ATTACHMENT

The requested information for antennae directionality is provided as follows:

- Mobile Gecko prototype: The antenna is not directional
- Fixed Ettus transmitter (#1): Width of beam at half power point = 20 degrees
Orientation in horizontal plane = Gimbaled, variable in azimuth (0-360 degrees)
Orientation in vertical plane = Gimbaled, variable elevation (0-90 degrees)
- Fixed Ettus transmitter (#2): Width of beam at half power point = 57 degrees
Orientation in horizontal plane = Gimbaled, variable in azimuth (0-360 degrees)
Orientation in vertical plane = Gimbaled, variable elevation (0-90 degrees)