

Explanation of Antenna Placement
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Northrop Grumman
Contact: Tim Gallagher

Two of the proposed antennas will be directional and fixed on a rooftop. The third antenna is a mobile unit that will traverse an area up to 4 km from the location of the fixed antennas. The purpose of the two fixed antennas is to determine the ability of the mobile to transfer from one fixed transceiver to another. The orientations of the antennas are shown below:

Antenna 1: Horizontal orientation = 0 degrees

Antenna 2: Horizontal orientation = 180 degrees

Antenna 3: Mobile unit with an omni-directional antenna