

Deployment Parameters (amended 1/31/2023)

The current stage of the experimental trial proposes operation from two sites. Each location will deploy directional antennas which will transmit on the 5925 – 7125 MHz band.

Specific parameters of proposed operation are detailed in the below:

| Location Name | Coordinates | Beamwidth in Horizontal Plane | Orientation in Horizontal Plane | Beam Tilt | Antenna Height above ground | Elevation of ground at antenna site | Distance to nearest aircraft landing |
|---------------|--------------------------|-------------------------------|---------------------------------|-------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Lookout | 47.813089 -117.50758 | 90 degrees | 20 degrees | 2 degree downtilt | 60 feet | 3080 feet | 11.5 miles |
| Four Lakes | 47.56619 -117.56966 | 90 degrees | 330 degrees | 1 degree downtilt | 30 feet | 2760 feet | 4.5 miles |
| Fox Hill | 47.724527 -117.091689 | 90 degrees | 140 degrees | 1 degree downtilt | 10 feet | 2725 feet | 11 miles |
| Holiday Hill | 47.64989 -117.115861 | 90 degrees | 230 degrees | 1 degree downtilt | 30 feet | 2460 feet | 10 miles |

Additionally, the trial will deploy up to 100 end users located with a 10-mile radius of the fixed locations, with maximum power of 250MW/4.0 W ERP.