

## ANTENNA DESCRIPTION

### Equipment Information:

Modulation schemes: MultiPoint to MultiPoint Integrated Antenna

Station modulation rates: 256 QAM, 64 QAM, 16QAM, QPSK

Mean Peak power: 76 dBm

The antennas will be mounted on hydraulic masts attached to both a mobile trailer and a van, which will be moved to the requested test locations. In most cases, surrounding buildings and trees are taller than the masts; significant nearby natural features and man-made structures are identified in the STA Form site description. The trailer mast can be raised to 10.7 meters, while the CPE receiver on the van is mounted on its roof at a height of 3 meters. The masts on the trailer will be raised only when testing is being conducted. The following are the orientations and beamwidth at each of the three locations:

Location	HPBW	Horizontal Orientation	Vertical Orientation
6918 18th Ave	60 deg	280 Deg	0
1531 69th St	60 deg	120 deg	0
1843 68th St	60 deg	200 deg	0



