

ANTENNA DESCRIPTION

Equipment Information:

Modulation schemes: Point to MultiPoint Integrated Antenna

Station modulation scheme: OFDM

Mean Peak power: 52 dBm

The antenna will be mounted on 8 foot mast on the rooftop of a Charter facility. The antenna will transmit on 32 GHz frequency pointed towards one CPE only. The CPE receiver will be mounted on another Charter facility 300 feet away from the transmitter also on an 8 foot mast. The test will be conducted in a point to point manner. The transmitter antenna will be turned on only when testing is being conducted.

Antenna is shown in figure 1, CPE is shown in figure 2.



Figure 1: Transmitter Antenna



Figure 2: Receiver CPE