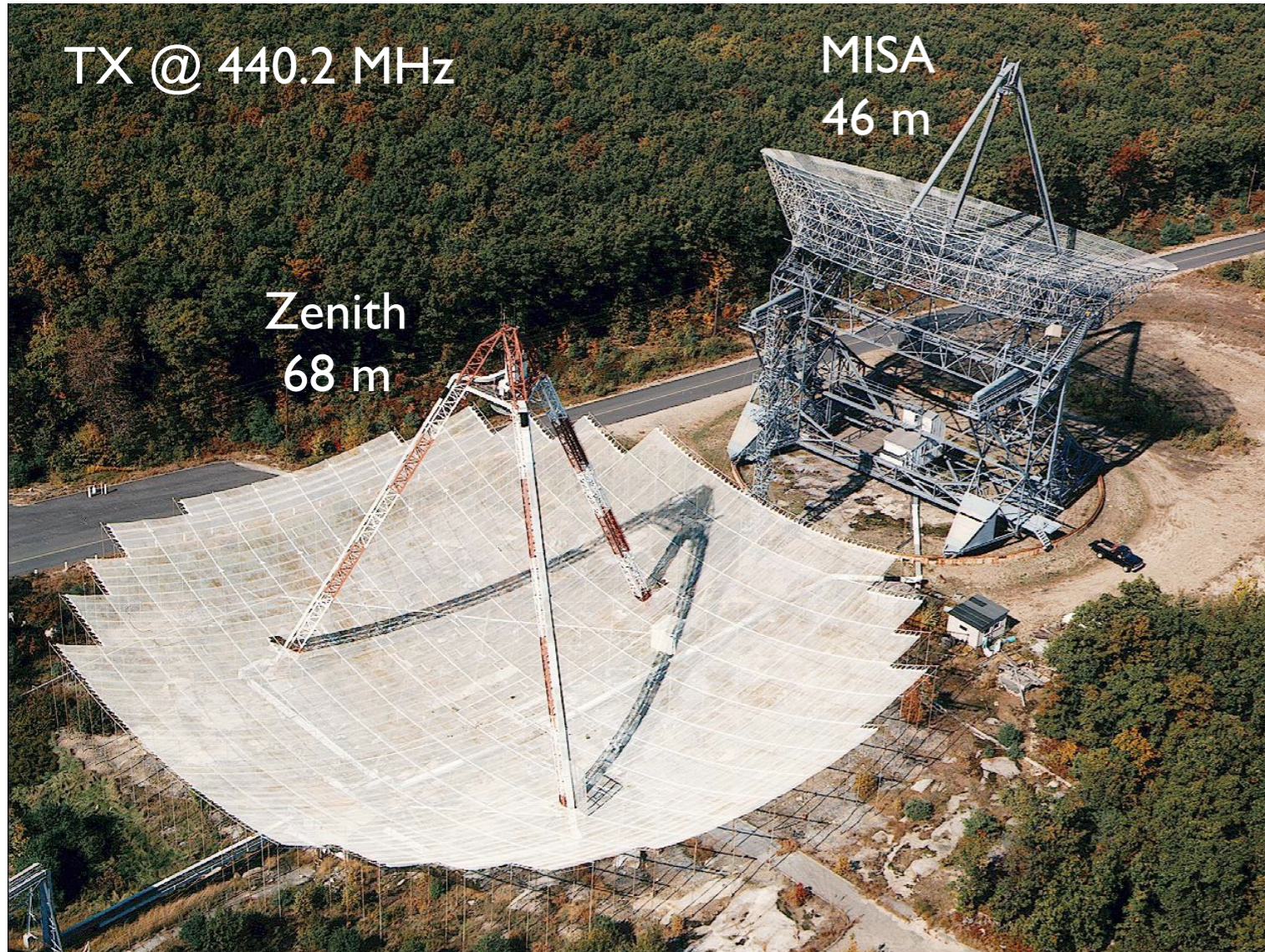




Millstone Hill ISR Mode: Rapid TID

2016-07-26 1700 to 2016-07-27 0400 UTC



This is an experiment designed to observe rapid oscillations in the mid-latitude ionosphere generated from traveling ionospheric disturbances (TIDs), the passage of the solar terminator, and other related effects. Alternating observations are used between the zenith and MISA antenna pointing up the local magnetic field line at 250 km altitude.

1.  Zenith: 480 usec alternating code / uncoded pulse: 3 minutes [E, F region]
2.  MISA @ 165.8 AZ, 66.26 EL: 480 usec alternating code / uncoded pulse: 3 minutes [E, F region]