

THE EOS AURA TROPOSPHERIC EMISSION SPECTROMETER (TES)

Reinhard Beer

M/S 183-601  
Earth & Space Sciences Division  
The Jet Propulsion Laboratory  
California Institute of Technology  
4800 Oak Grove Drive  
Pasadena, CA 91109  
USA  
Reinhard.Beer@jpl.nasa.gov

The Tropospheric Emission Spectrometer (TES) is a high-resolution infrared Fourier Transform spectrometer that operates in both limb and nadir viewing modes for the investigation of the physics and chemistry of the Earth's lower atmosphere.

TES is currently being integrated onto the AURA spacecraft in readiness for launch into Sun-synchronous polar orbit early in 2004.

The talk will focus on pre-delivery system tests and calibrations as they impact the expected on-orbit performance.