LIST OF ABBREVIATIONS

ALI Aerosol Limb Imager

ALTIUS Atmospheric Limb Tracker for the Investigation of the Upcoming Stratosphere

AO Acousto-Optic

AOTF Acousto-Optical Tunable Filter

BEO Back End Optics

CALIPSO Cloud-Aerosol Lidar and Infrared Path\_nder Satellite Observations

CATS Cloud Aerosol Transport System

CCD Charged-Coupled Device

CNES Centre National d'Etudes Spatiales

CSA Canadian Space Agency

DC Direct Current

FEO Front End Optics

FOV Field of View

FWHM Full Width Half Max

GPS Global Positioning System

ICESat Ice, Cloud, and land Elevation Satellite

IR InfraRed

MART Multiplicative Algebraic Reconstruction Technique

MTF Modular Transfer Function

NASA National Aeronautics and Space Administration

NIR Near InfraRed

OMPS Ozone Mapping and Pro\_ler Suite

OPC Optical Particle Counter

OSIRIS Optical Spectrograph and Infra-Red Imaging System

RF Radio Frequency

SAGE Stratospheric Aerosol and Gas Experiments

SASKTRAN-HR SASKTRAN High Resolution

SCIAMACHY SCanning Imaging Absorption spectroMeter for Atmospheric CHartographY

SME Solar Mesosphere Experiment

SNR Signal to Noise Ratio

UTLS Upper Troposphere and Lower Stratosphere