LIST OF ABBREVIATIONS

ALI Aerosol Limb Imager

ALTIUS Atmospheric Limb Tracker for the Investigation of the Upcoming Stratosphere

AMON Absorption par les Minoritaires Ozone et NOx

AOTF Acousto-Optical Tunable Filter

BEO Back End Optics

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

CCD Charged-Coupled Device

CNES Centre National d'Etudes Spatiales

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

LIDAR LIght Dectection and Ranging

LS Lower Stratosphere

MART Multiplicative Algebraic Reconstruction Technique

MIPAS Michelson Interferometer for Passive Atmospheric Sounding

MLS Microwave Limb Sounder

NASA National Aeronautics and Space Administration

NIR Near InfraRed

OMPS Ozone Mapping and Pro\_ler Suite

OSIRIS Optical Spectrograph and Infra-Red Imaging System

OPC Optical Particle Counter

PPS Pulse Per Second

RF Radio Frequency

SAGE Stratospheric Aerosol and Gas Experiments

SALOMON-N2 Spectroscopie dAbsorption Lunaire pour lObservation des Minoritaires Ozone et NOx - Nacelle 2

SAM Stratospheric Aerosol Measurements

SCIAMACHY SCanning Imaging Absorption spectroMeter for Atmospheric CHartographY

SNR Signal to Noise Ratio

UT Upper Troposphere

UTLS Upper Troposphere and Lower Stratosphere