VALIDATION OF ENVISAT CHEMISTRY INSTRUMENTS WITH MIPAS-B OBSERVATIONS

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Embedded in the Envisat validation program for the chemistry instruments GOMOS, MIPAS, and SCIAMACHY balloon flights of MIPAS-B were carried out at middle and high latitudes, adjusted to the overpasses of Envisat. This paper outlines the observation and validation strategy, the instrument characteristics and data processing of MIPAS-B, and compares MIPAS-B results to Envisat results that will be available by the time of the conference. Based on this, the status of the data quality of the Envisat chemistry instruments will be assessed.