



SCIAMACHY validation with the BREDOM network

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BREDOM (Bremian DOAS Network for Atmospheric Measurements) is a network of high sensitivity ground-based DOAS instruments at arctic, middle and low latitudes. Target species of the measurements are O_3 and NO_2 as well as minor absorbers (e.g. BrO, HCHO). All measurement quantities from the DOAS instruments can be used for the validation of UV/visible satellite instruments such as GOME, SCIAMACHY or OMI, which do use a very similar measurement technique and cover the same species. On this poster selected results and comparisons with scientific and operational SCIAMACHY Level-2 products will be presented.