Geophysical Research Abstracts, Vol. 9, 09276, 2007
SRef-ID: 1607-7962/gra/EGU2007-A-09276

The GRAS instrument on MetOp: Overview

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EUMETSAT's MetOp-A satellite is the first of a series of three polar-orbiting, meteorological satellites that are planned to provide 14 years of advanced meteorological and climate observations. The satellite was successfuly launched on 19 October 2006, and is now in its commissioning phase. Among other instruments, MetOp carries the "GNSS Receiver for Atmospheric Sounding" (GRAS) exploiting radio occultation soundings of the atmosphere.

GRAS tracks setting and rising occultations and uses open-loop (raw sampling) tracking in the lower troposphere for improved coverage. This presentation will give an overview of the GRAS instrument and show first results of the processing at EUMETSAT.