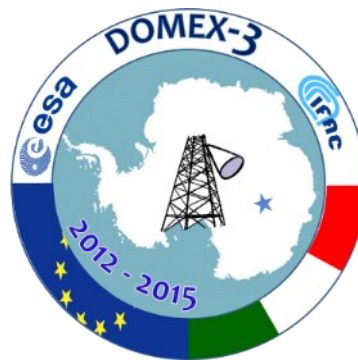


Technical Support for the Long-Term Deployment of an L-Band Radiometer at Concordia Station

Yearly Report – Data Acquisition and Processing Report
Jan–Dec 2024

EUROPEAN SPACE AGENCY STUDY



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ESA STUDY CONTRACT REPORT

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ABSTRACT:

This document is related to Task2 (Deliverable D6) of the study *Technical Support for the Long-Term Deployment of an L-Band Radiometer at Concordia Station* (ESTEC Contract). It contains the annual Report of the Domex-3 Experiment. In the document is described the execution of the work carried out in the twelfth experimental year of the project (i.e. from January to December 2024). It includes the description data acquired after the installation of the microwave isolators together with antenna switches for improving absolute calibration. Data analysis and Data Processing Report is also reported here.

The work described in this report was done under ESA Contract. Responsibility for the contents resides in the authors or organisation that prepared it.

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ESA BUDGET HEADING:

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2/0	February 2026	Revised version after comments by ESA

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