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Research Article

The Galileo Ground Segment Integrity A Design and Performance

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Abstract

Galileo, the European Global Navigation Satellite System, will provide services and their associated integrity information. The element within the Galileo Ground Mission Segment is the integrity processing. GMV Aerospace and Defence. The main objective of this paper is twofold: to show the achieved performance with the IPF implementation of the Galileo overbounding concept, impact of safety threat models for the so-called feared events, and finally the Galileo scenarios.

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