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# Abstract of Published Article

### Performance evaluation of GPS receiver unc

#### Alison de Oliveira Moraes\*

Institute of Aeronautics and Space São José dos Campos, Brazil aom@iae.cta.br

#### Waldecir João Perrella

Technological Institute of Aeronautics São José dos Campos, Brazil perrella@ita.br

\*author for correspondence

#### Abstract:

Equatorial scintillation is a phenomenon that occurs a sunset and affects radio signals that propagate throu temporal and spatial situation, equatorial scintillation ca and precision of the Global Positioning System (GPS). the impact of equatorial scintillation on the performance and statistical model of equatorial scintillation is briegenerates synthetic scintillation data to simulate the presented. An overview of the main theoretical principle analytical models that describe the effects of scintillatic compared with numerical simulations using a radio sof results achieved by simulation agreed quite well with the The only exception is for links with extreme levels of seceived.

#### **Keywords:**

Component tracking performance, GPS receiver, lor system simulation.



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