
MIS001-01

Room: 202

Time: May 27 10:45-11:00

Statistical study of the ionospheric turbulence linked to energetic seismic

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Statistical study of the electric field bursts at the low-to-middle latitudes is performed. These bursts are observed by low-altitude French DEMETER satellite and are believed to be due to the ionospheric turbulence located at the side of the equatorial anomaly crest. Seasonal and local time dependence of the burst intensity are presented. Then the burst intensities with energetic seismic activities and those without seismic activities are examined.

Keywords: statistical study, ionospheric turbulence, seismic activities, satellite