Investigations of TIDs, moving along a magnetic flux tube, during and after SURA impact on ionosphere

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We investigate small-scale TIDs after SURA impact on ionosphere with time scales of 1-10 min and spatial scales of 100-1000 m, moving along a magnetic flux tube. For these studies the ionospheric complex "Cyclone" and a dual-frequency GPS receiver are used. The information about radio paths, passing through the magnetic flux tube are used, to analyze the small-scale TIDs.