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Observation of irregularities dynamics by vertical and quasi-vertical sounding

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Abstract

© 2014 IEEE. Based on comparative analysis of the A and H plots collected from the ionograms of vertical and quasi vertical sounding you can get information about spatial and temporal changes. The ionosonde sensitivity to irregularities $\Delta N / N \sim 510$, sensing period 1 minute, distance between ionosondes 30 km. It is allows to investigate fast-flowing (with periods of 5-20 min) and small-scale irregularities of the ionosphere.

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