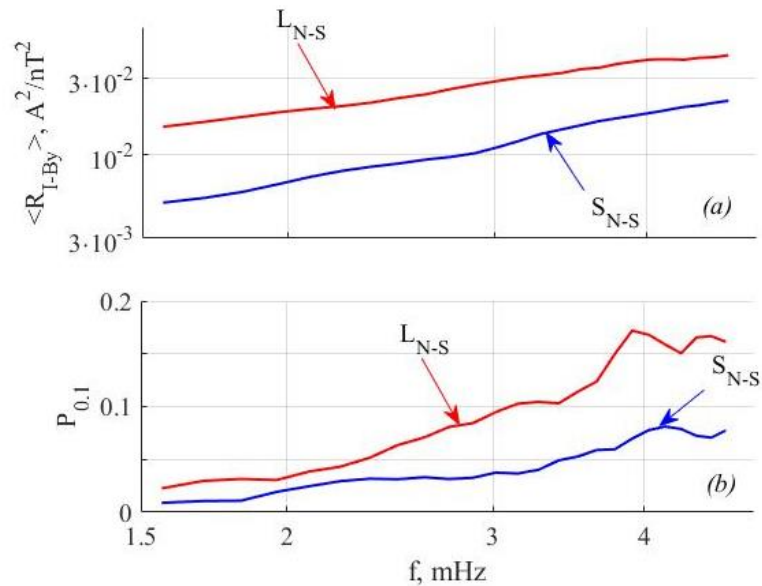


Spatial scale of geomagnetic Pc5/Pi3 pulsations as a factor of their efficiency in generation of geomagnetically induced currents

Nadezda V Yagova, Vyacheslav A Pilipenko, Yaroslav A Sakharov and Vasily N Selivanov



Averaged power spectral density ratio of the geomagnetically induced current to the B_y component of the geomagnetic field R_{I-B_y} for the pulsations large-scale (L_{NS}) and small-scale (S_{NS}) in the North-South direction (a) and frequency dependence of $R_{I-B_y} > 0.1 \text{ A}^2/\text{nT}^2$ fraction for the same groups of pulsations (b).