



Estimating the propagation properties of various kinds of Pc1-2 ULF pulsations during magnetic storm

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We analyse multi-point, ground-based magnetic field data taken during two magnetic storms (at the auroral- and mid latitudes). We observe interesting patterns in the spectral polarization characteristics and their spatial properties. Using these, and applying the specific analysis method to the data time series, we discuss the propagation properties of the observed waves. We compare properties of "pearls", "IPDP" and band-like structures in the the main phase and in the recovery period.