



Conjunct measurements of ULF pulsations

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Understanding how ultra-low frequency (ULF) pulsations are generated and subsequently altered by the different regimes of the Earth's magnetosphere is a task of formidable complexity. By analysing the signatures and impacts of pulsations on the surrounding plasma at various heights along the same bundle of magnetic field lines, magnetic conjunctions offer one of the most promising approach to uniquely pinning down cause and effect. We present an interval of highly monochromatic ULF activity for which the above approach is utilized. Multi-point Magnetic field and particle data from a variety of spacecraft (e.g. CLUSTER, GOES, DMSP) are presented in conjunction with ground based magnetometer data covering a vast area at mid to high latitudes in both hemispheres. Thus, the generation, characteristics and evolution of this ULF pulsation are explored.