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DSP/CLUSTER observation of current sheet oscillations

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Previous Cluster observations have shown that the flapping motions of the Earth's magnetotail are of internal origin and that kink-like waves are emitted from the central part of the tail and propagate toward the tail flanks. The newly launched Double Star Program (DSP) satellite allows us to investigate current sheet at 10-13 Re in the tail. Using conjunctions with Cluster we will have simultaneous observations at 10-13 and 16-19 Re of these flapping motions. In this paper, we present current sheet oscillations observed by the Cluster and Double Star satellites during the 2004 magnetotail traverses.