

## Study of vertical velocity with the MU radar multibeam/interferometry observations ; A case study for T9708

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The interferometry technique is one of the analyses which make use of signals recorded by spatially separated antennas. A turbulent layer is sometimes observed, which is relatively stable, and show intense reflection from the vertical direction. There are reports of possible errors of vertical velocities which is a distortion of vertical winds by horizontal winds when turbulent layers are tilted. It is also reported that such error in the vertical velocity could be corrected by measuring the tilt angle of turbulent layers with the interferometry technique. In this session, we will discuss vertical velocities with the MU radar multibeam/interferometry observations based on a case study of T9807.