



Corrections to power spectra measured by CSAT and Solent sonic anemometers

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Corrections to high frequency power spectra are discussed for CSAT and Solent sonic anemometers. Corrections are made for errors caused by oversampling, aliasing, path averaging, and pulse sequence delays. Although in some circumstances the net effect of these errors may be less than the individual errors, corrections must be made for all of them to obtain accurate high frequency power spectra, e.g. for determination of inertial dissipation.