

Source velocities (as put into Obsinp directly or via a source catalog) are now interpreted according to the radio convention. Before, the control software used the full Doppler formula to calculate the sky frequency (or the difference to the rest frequency). Since class is working in the radio convention, this could lead to apparent frequency/velocity offsets in class spectra.

Note, that this only affects you, if you observe high-redshifted sources and use high-value source-velocity entries in the catalog.

(Doppler shifts for LSR correction are calculated using the relativistic formula.)

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Last update: **2012/04/12 15:00**

