

GPPD initiates in-situ humidity measurement during diffraction experiment, the first in-situ scattering measurement of an inorganic anhydrous-to-anhydrous phase transition promoted by humidity - May/2006. A 3/8" diameter vanadium sample tube holds sample in beam. Humidity is measured with a Model RH411 Thermo-Hygrometer, Omega Engineering, Stamford, CT. Humidity is controlled through an EPICS interface to the gas flow controllers. System designed and assembled by E. R. Maxey, IPNS.

