

Frequency resolved optical gating (FROG) traces of a probe laser pulse under different experimental conditions; the time delay between the pump and the probe pulses is along the vertical axis. The FROG technique is used here to investigate a new method of pulse shortening, molecular phase modulation, which, by controlling the pulse phase, frequency & chirp, can generate laser pulses less than 4 femtoseconds in duration. See article 203901

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