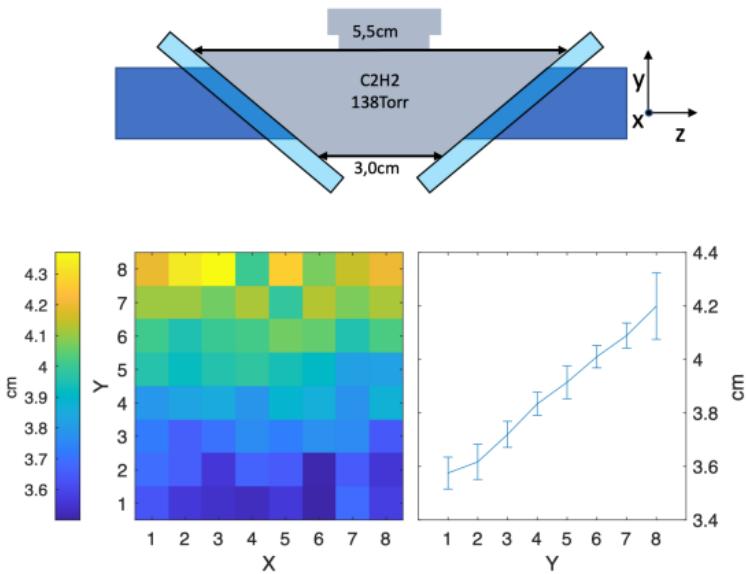


(a)



(b)

Fig. 2: (a) Portion of an experimental dual-comb transmittance spectrum for pixel (4,4) measured within 1000s. (b) Absorption length reconstruction. Top panel: gas cell profile, the upper part of the cell has a longer path than its bottom. Bottom panel left: reconstruction of the absorption length on the 8x8 pixels of the camera. Bottom panel right: absorption length as a function of the vertical pixel number, each point is the average absorption length over an horizontal line, error bar is the statistical uncertainty.