



**Fig. 9.** (a) RF spectrum of the beat note signal between the Yb:CALGO comb and the narrow-linewidth Nd:YAG laser showing a SNR of higher than 25 dB in 20 kHz resolution bandwidth. (b) Detailed spectrum of the beatnote signal with 9-kHz resolution bandwidth, showing a SNR of 31 dB and a full width at half maximum linewidth of 28 kHz (see inset in linear scale: red curve is a Gaussian fitting curve).