



**Figure 1.** Sketch of the experimental principle of single-EO modulator dual-comb spectroscopy. A continuous-wave laser diode (LD) feeds an electro-optic amplitude modulator (EOM) which is driven by an arbitrary waveform generator (AWG). The modulated beam interrogates the gas sample. The two spectral bands that are aliased in the radio-frequency domain are separated using a fiber Bragg grating (FBG) and their time-domain interference is measured on fast photodetectors (PD1 and PD2).