



Fig. 1. (a) Design of the multi-tone waveform. (b) Frequency domain representation of single-EO modulator dual-comb spectroscopy: two optical frequency combs of slightly different line spacing and the same central frequency of f_c interrogate an absorption line. Their beating signal generates a RF spectrum. The green background represents the band reflected by the FBG. f_{Opt} , optical frequency; f_{RF} , RF frequency.