



Heterodyne ultrafast pump-probe experiments, towards acoustic imaging with 1 GHz to 100 GHz spectral range

A. Abbas^a, Y. Guillet^b, B. Audoin^b, J.-M. Rampnoux^c, S. Dilhaire^c, J. Carlier^d, P. Rigail^d and E. Mottay^d

^aI2M/LOMA/Amplitude systèmes, 351 cours de la Libération, 33405 Talence, France

^bI2M-Bordeaux, Acoustic Physical Dep., 351 cours de la Libération, 33405 Talence, France

^cLOMA, Photonic Dep., 351 cours de la libération, 33405 Talence, France

^dAmplitude systèmes, 11, avenue de Canteranne, Cité de la Photonique, 33600 Pessac, France
allaoua.abbas@etu.u-bordeaux1.fr