

Supporting Information

Large scale indium tin oxide (ITO) one dimensional gratings for ultrafast signal modulation in the visible

Michele Guizzardi, Silvio Bonfadini, Liliana Moscardi, Ilka Kriegel, Francesco Scotognella, Luigino Criante

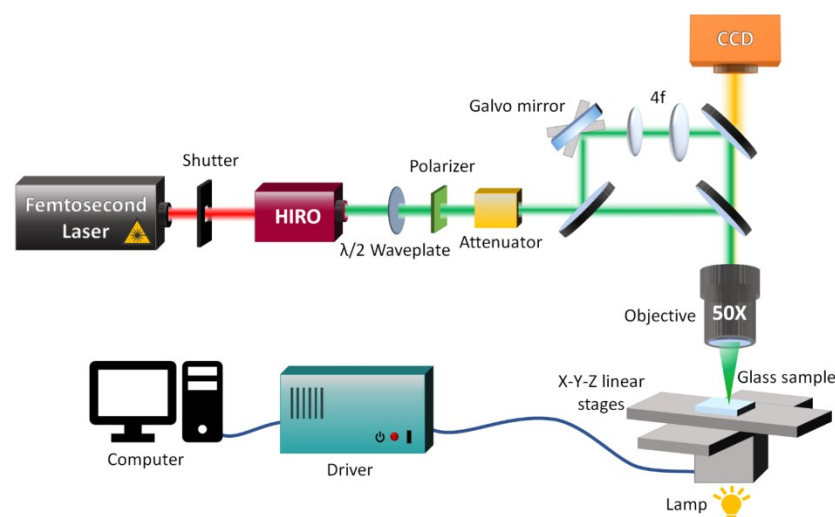


Figure S1. Sketch of the femtosecond laser micromachining apparatus

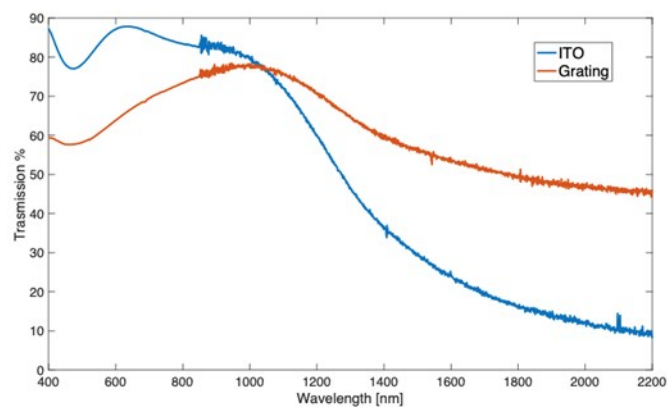


Figure S2. Transmission up to 2200 nm of ITO film and grating

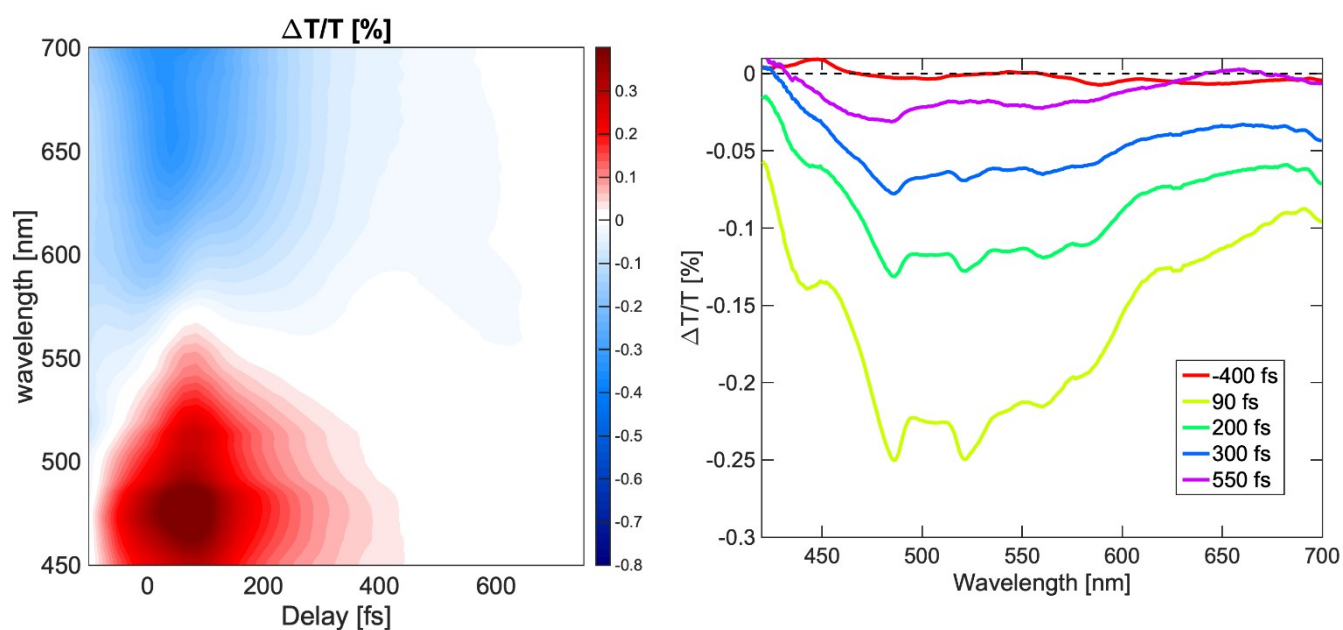


Figure S3. Differential transmission map and spectral evolution of the second grating.

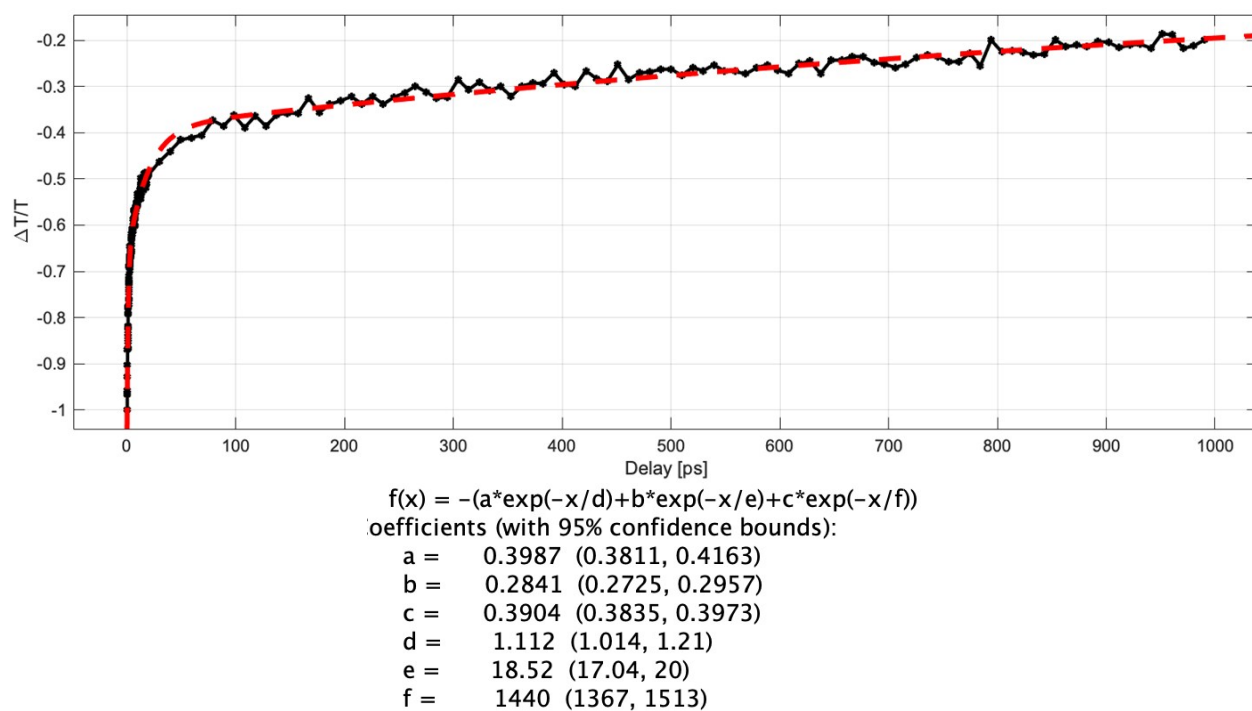


Figure S4. Tri-exponential fit of the interband grating dynamic with the result of the fit.