Experiment A: Brillouin Gain Spectra (Sim) and 4.1 mW anti-Stokes Spectra 3.0 Observed Data Simulation 2.5 2.5 Spectral Density (µV) 0.7 0.0 0.0 2.0 1.0 0.5 0.5 0.0 0.0 2.1 2.4 2.2 2.3 2.5 2.0 Frequency (GHz)