

The PZT-based acoustic tweezers were prepared by using 3203HD ceramics (CTS, USA). The Pulse-echo results are shown in Figure S1. The center frequency was 10 MHz, and the -6 dB bandwidth was 105%.

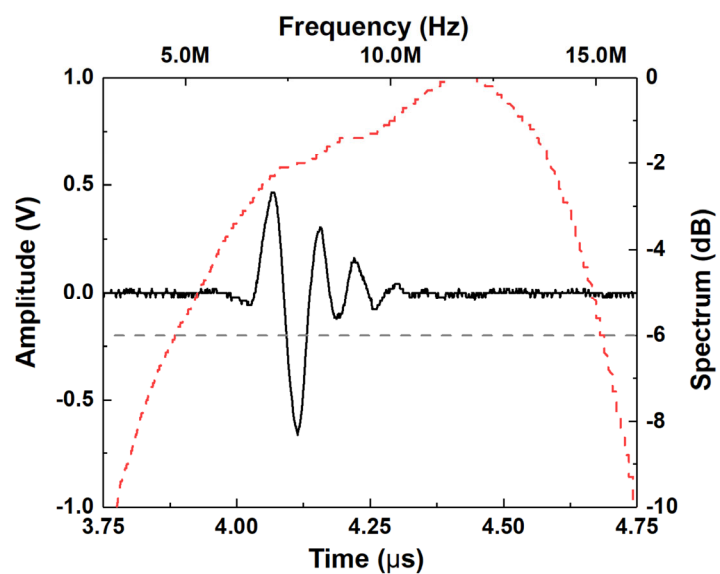


Figure S1. Pulse-echo wave (black) and frequency spectrum (red) performances of acoustic tweezers by PZT-based ceramics.