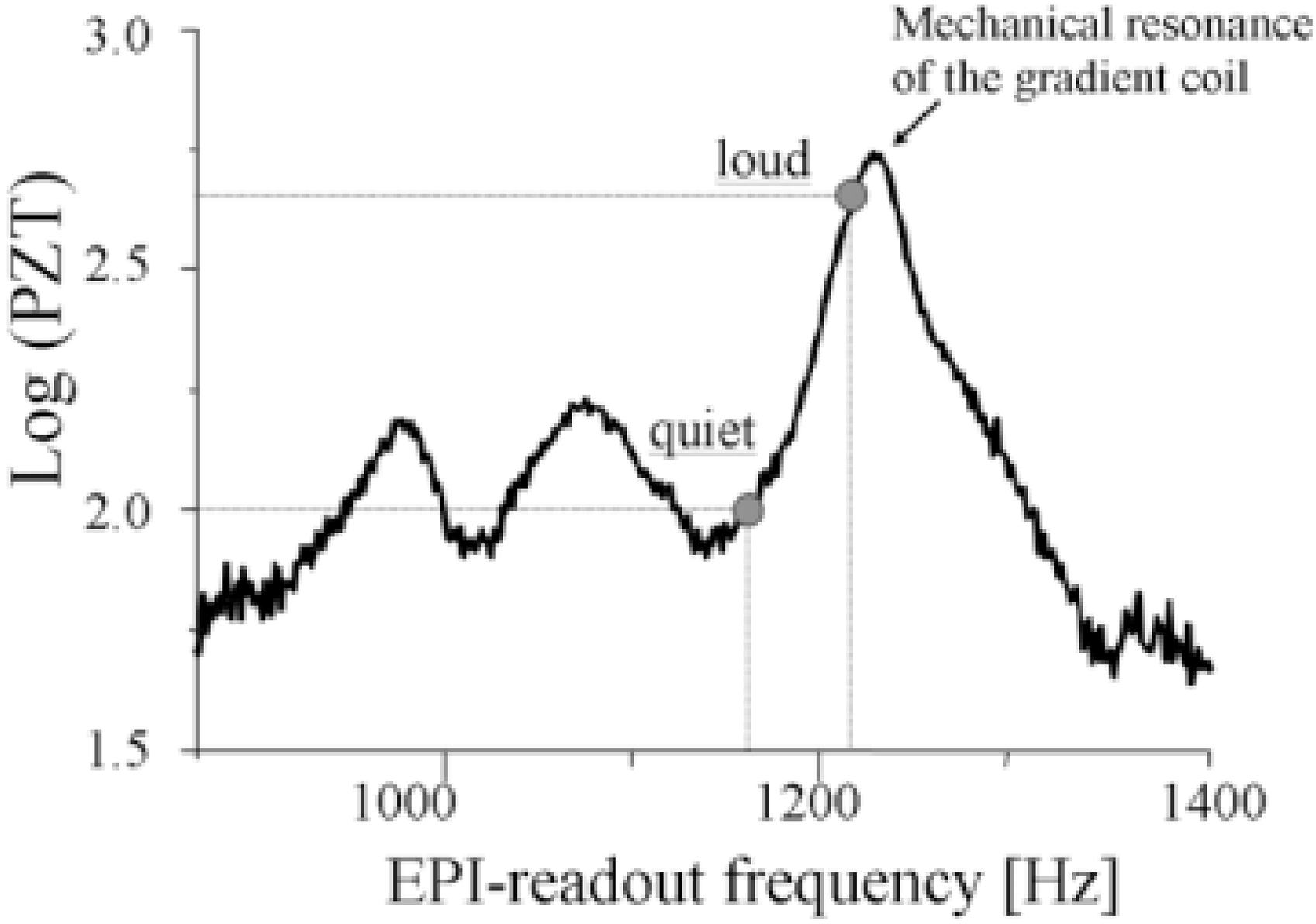

FIG. 2. Frequency response curve showing the amplitude of vibrations as a function of the EPI readout *z*-gradient frequency. Fine adjustment (<10%) of the acquisition bandwidth resulted in a fourfold (12 dB) increase of the vibration amplitude from quiet to loud EPI protocols.