

Fig. 1. (a) Simulated dispersion of Lamb waves in a 1.2 μm thick COP X-cut thin-film LiNbO_3 . (b) Displacement and stress mode shapes.

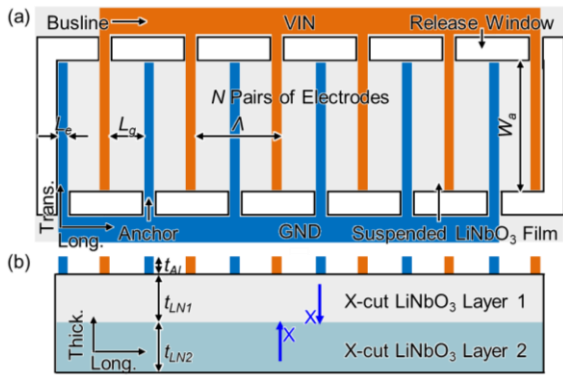


Fig. 2. Mockup of a COBAR in a suspended COP X-cut LiNbO_3 thin film. (a) Top view. (b) Front view.

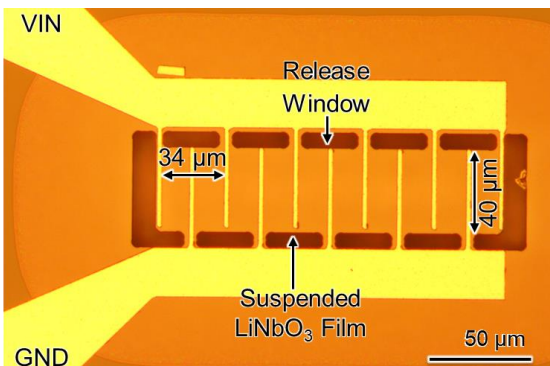


Fig. 5. Optical image of the fabricated COBAR.

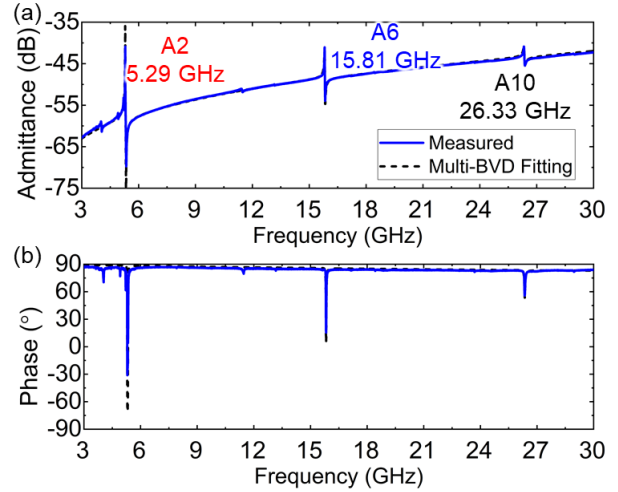


Fig. 6. Measured wideband admittance in (a) amplitude and (b) phase.

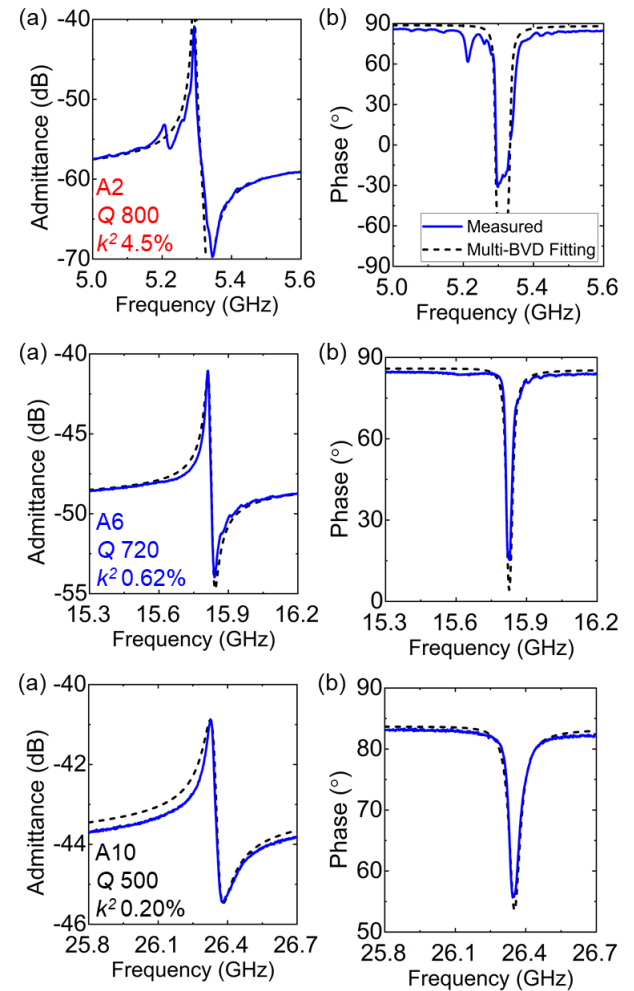


Fig. 7. Zoomed-in admittance in amplitude and phase of (a)(b) A2 mode, (c)(d) A6 mode, and (e)(f) A10 mode. The multi-BVD fittings are plotted along with the measurement.