



Figure 1 - (a) Microresonator ready for in-situ SEM fatigue testing; (b) Inclined SEM image after high cycle fatigue test showing extrusions and a crack at the sidewall of the microbeam; (c) FIB cross-section of the microbeam demonstrating voids in the proximity of the crack; (d) Fracture surface of microbeam after low cycle fatigue test