beneath the mirror surface. However, the tradeoff is that there will be increase deformation of the mirror surface. Last but not least, we aim to include mirrors of smaller sizes in our future works as reduced mirror size will increase the resonant frequencies for the ac operation modes and improve the 2-D scanning performance of the device.

Acknowledgments

The authors would like to acknowledge the support by the National University of Singapore under Grant No. R-263-000-475-112, MOE2009-T2-2-011 (R-263-000-598-112), SERC Grant Nos. 1021010022 and 1021650084 from A-STAR, Singapore, and the Ph.D scholarship grant received from GLOBALFOUNDRIES Singapore.

#147276 - $15.00 USD Received 9 May 2011; revised 14 Jun 2011; accepted 14 Jun 2011; published 5 Jul 2011