

Supplementary Materials: Photoacoustic Detection of H₂ and NH₃ Using Plasmonic Signal Enhancement in GaN Microcantilevers

Digangana Khan ^{1,*}, Hongmei Li ¹, Ferhat Bayram ¹, Durga Gajula ² and Goutam Koley ¹

¹ Holcombe Department of Electrical and Computer Engineering, Clemson University, Clemson, SC 29634, USA; hongmel@g.clemson.edu (H.L.); fbayram@g.clemson.edu (F.B.); gkoley@clemson.edu (G.K.)

² School of Electrical and Computer Engineering, Georgia Institute of Technology, Atlanta, GA 30332, USA; gdraophy@gmail.com

* Correspondence: digangk@g.clemson.edu; Tel.: +1-(864)-656-4698

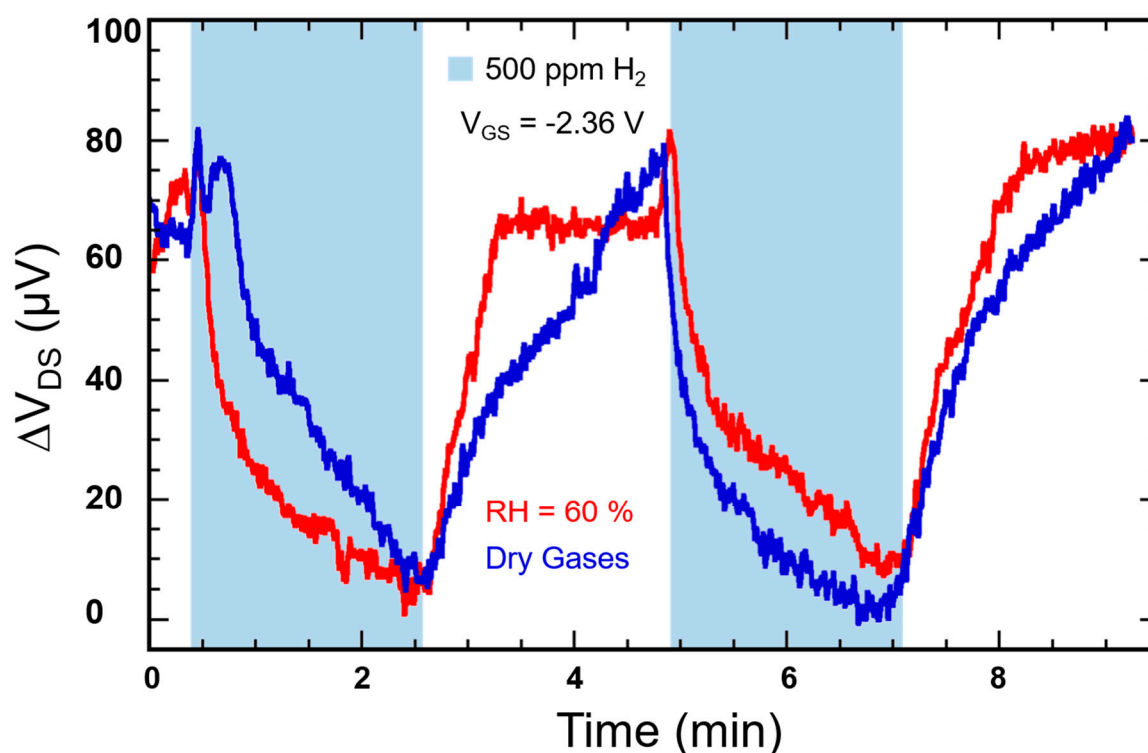


Figure S1. Response of the Pd coated device to 500 ppm H₂ diluted in UHP N₂ and in ambient air with 60% relative humidity. Clear improvement in response is observed for air dilution.