Characterization of interface thermal resistance between graphene and Cu film by using a micropipette thermography technique

Jae Young Jeong1, Kyle Horne2, Bohung Kim3, Dongsik Kim4, Tae-Youl Choi1\*

1Department of Mechanical and Energy Engineering, University of North Texas, Denton, TX 76207, USA

*2Department of Mechanical engineering, University of Wisconsin-Platteville, Platteville, WI 53818, USA*

*3School of Mechanical Engineering, University of Ulsan, Daehak-ro 93, Namgu, Ulsan 680-749, South Korea*

4*Department of Mechanical Engineering, Postech, Pohang, Korea*

Email: tae-youl.choi@unt.edu, web site: <http://engineering.unt.edu/mechanicalandenergy>



**FIG.S1.** Schematic view of supported graphene on Cu.



**FIG.S2.** Calibration result of the fabricated micropipette thermal sensor.