

Supplementary Informations

Highly efficient CNT functionalized cotton fabrics for flexible/wearable heating applications

P. Ilanchezhiyan^{*a}, A. S. Zakirov^a, G.Mohan Kumar ^a, Sh.U. Yuldashev^a, H.D.Cho^a,
T. W.Kang^{*a}, A.T. Mamadalimov^b

^aQuantum - Functional Semiconductor Research Center, Dongguk University, Seoul 100715,
Republic of Korea.

^bDepartment of Physics, National University of Uzbekistan, Tashkent 100175, Uzbekistan.

Corresponding Author

*Email: ilancheziyan@dongguk.edu, twkang@dongguk.edu.

Phone: +82-2-2260-3205; Fax: +82-2-2278-4519

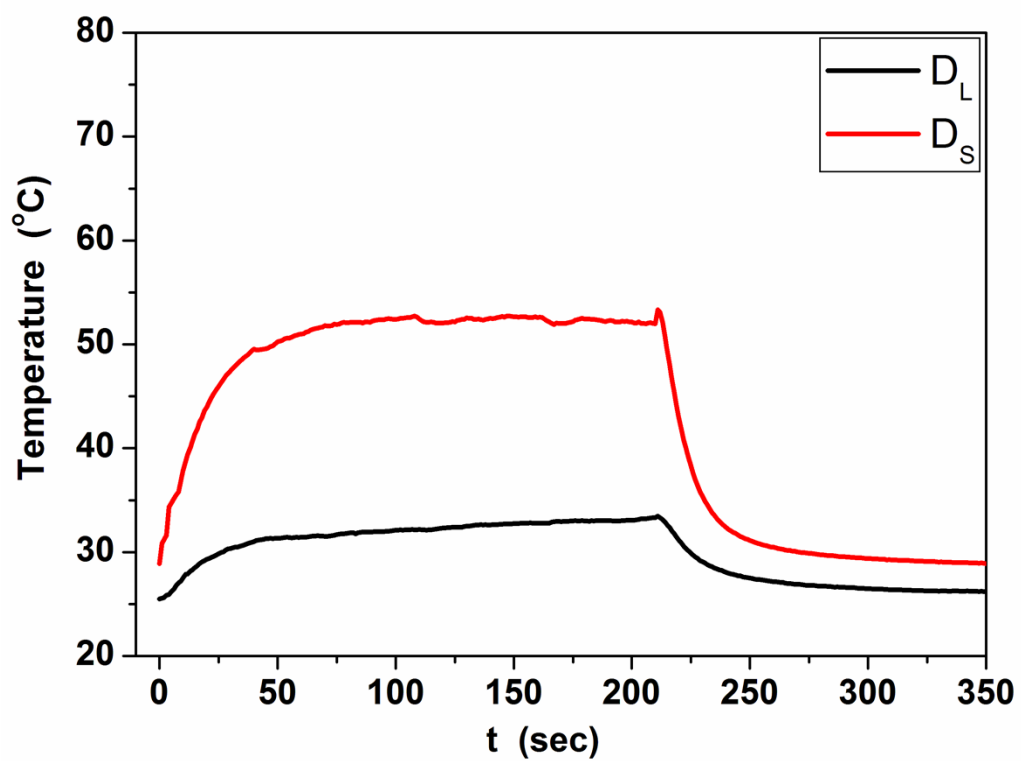


Figure S1 Time-dependent temperature profiles of CNT functionalized cotton heaters with respect to the surface resistivity of the CNT.