Supplementary document to the article "Broadband nanoplasmonic photodetector fabricated in ambient condition"
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Broadband nanoplasmonic photodetector fabricated in ambient condition

Debika Banerjee[1a], Ivy Asuo[1, 2, a], François-Xavier Fortier[1], Alain Pignolet[2], and Sylvain G. Cloutier[1*]

[1]*Dept. of Electrical Engineering, École de Technologie Supérieure, 1100 Notre-Dame Ouest,*

Montréal, QC, H3C 1K3Canada

[2]*Institut National de la Recherche Scientifique (INRS), Énergie Matériaux Télécommunications Research Centre, 1650 Boul. Lionel Boulet, Varennes (QC), J3X 1S2, Canada*

[a]*Authors contributed equally*

** Address correspondence to sylvaing.cloutier@etsmtl.ca.*

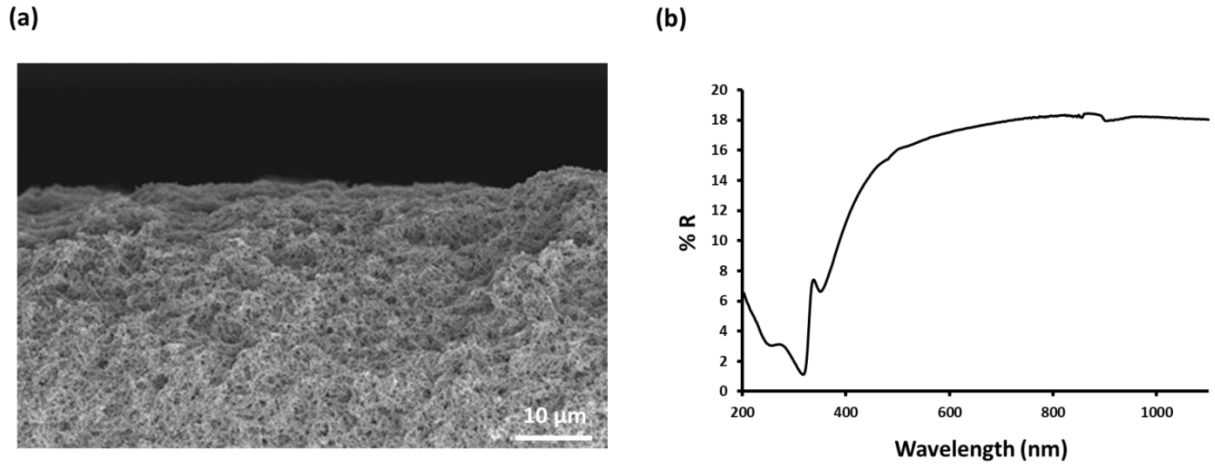

Figure S1: (a) SiNWs covered by dendrite layers of Ag, (b) Optical reflectance of SiNWs arrays covered with dendrite layers of Ag.

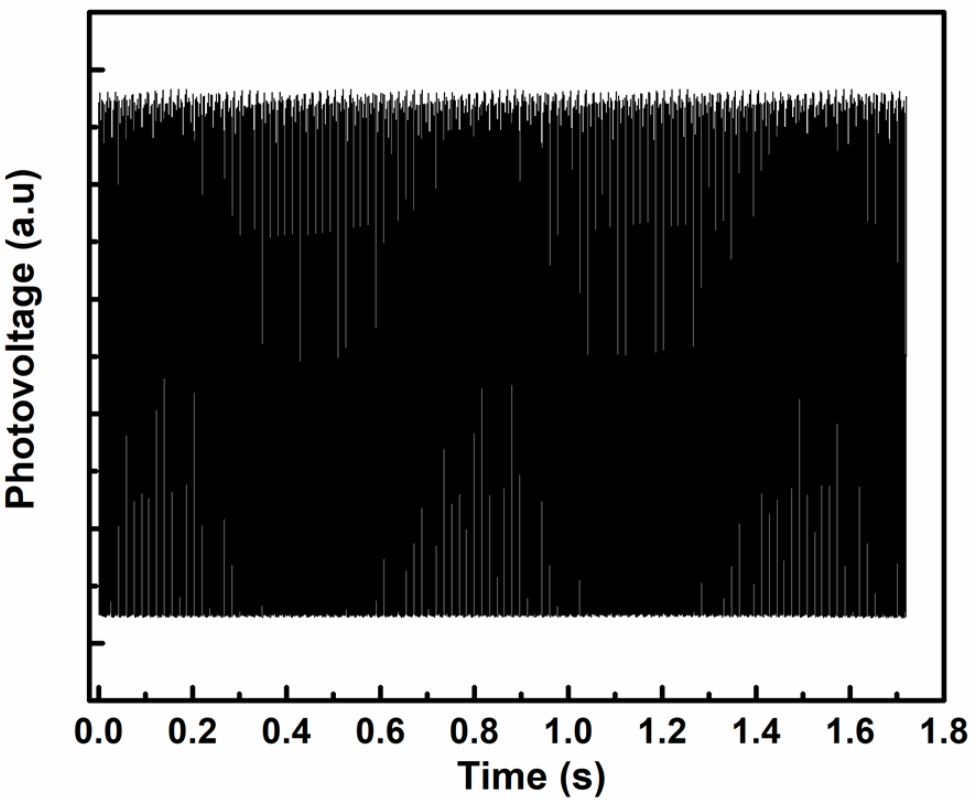

Figure S2: Stability measurement of the signal before the I-T measurements.

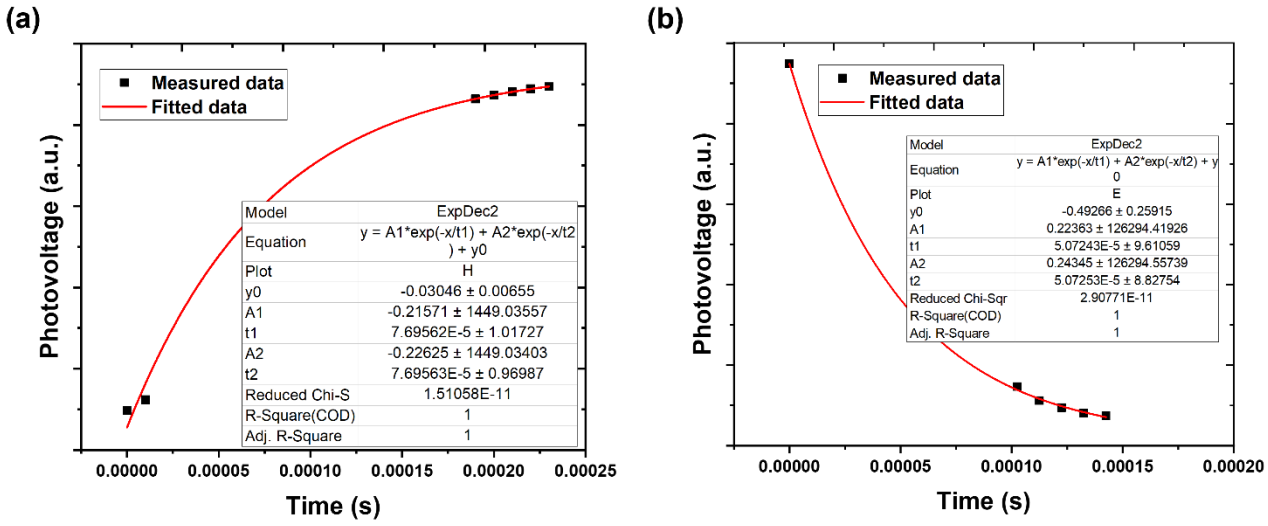

Figure S3: (a) Rise time calculation, and (b) Decay time calculation.