Electronic Supplementary Material (ESI) for Journal of Materials Chemistry C.

Supporting information

Enhancing Broad-Range Electromagnetic Absorption of TiO_2 Nanosheets

Lihong Tian,[a,b] *Jilian Xu,*[c] *Michael Just,*[a] *Michael Green,*[a] *Lei Liu,*[c] *Xiaobo Chen*[*,a]

[a] Department of Chemistry, University of Missouri – Kansas City, Kansas City, Missouri 64110, USA

[b] Hubei Collaborative Innovation Center for Advanced Organochemical Materials, Hubei University, Wuhan, 430062, China.

[c] State Key Laboratory of Luminescence and Applications, Changchun Institute of Optics, Fine Mechanics and Physics, Chinese Academy of Sciences, Changchun, 130033, People's Republic of China.

Contact: E-mail: chenxiaobo@umkc.edu

Figures S1 and S2.

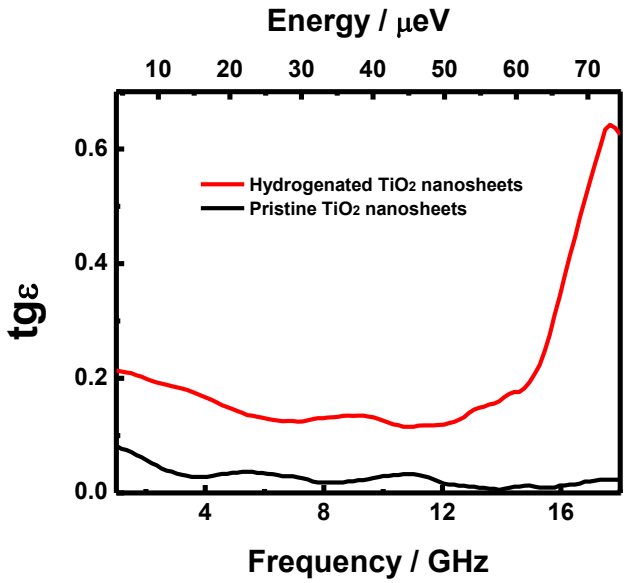

Figure S1. Frequency dependence of electrical ($tg\delta_\varepsilon$) dissipation factors in the microwave region of pristine and hydrogenated TiO_2 nanosheets.

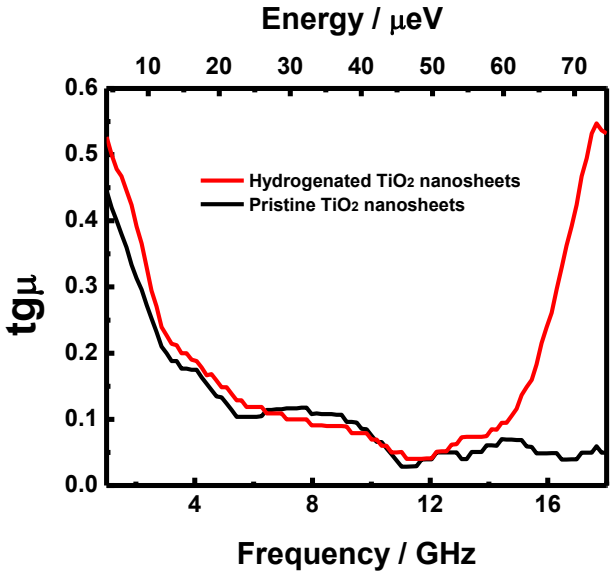

Figure S2. Frequency dependence of magnetic ($tg\delta_{\mu}$) dissipation factors in the microwave region of pristine and hydrogenated TiO_2 nanosheets.