

Support information

Highly sensitive and miniaturized wearable antenna based on MXene films for strain sensing

Ao Yin,^{ab} Chen Zhang^{*ab}, Jingjing Luo,^{ab} Jiang Liu,^{ab} Zhongqi Ren,^{ab} Yuxin Wang,^{ab} Yang Ye,^{ab} Rui Yin,^{ab} Qiang Feng,^{ab} Youyou Chen,^{abc} Kang Li,^{ab} Weiwei Zhao^{*abc} Suzhu Yu^{*ab} and Jun Wei^{*abc}

a. Shenzhen Key Laboratory of Flexible Printed Electronics Technology, Harbin Institute of Technology (Shenzhen), Shenzhen 518055, People's Republic of China Email: zhangchen2020@hit.edu.cn, wzhao@hit.edu.cn, junwei@hit.edu.cn

b. Sauvage Laboratory for Smart Materials, School of Materials Science and Engineering, Harbin Institute of Technology (Shenzhen), Shenzhen 518055, People's Republic of China

c. State Key Laboratory of Advanced Welding & Joining, Harbin Institute of Technology, Harbin 150001, People's Republic of China

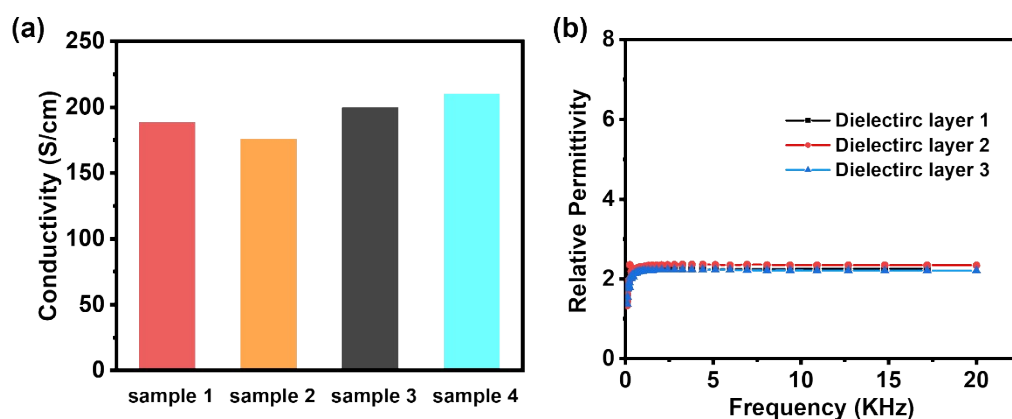


Fig. S1. (a) The conductivity of various MXene patch samples. (b) The relative permittivity of various PDMS substrates.