Supporting Information

Anchoring Magnetic ZIF-67 on Ti₃C₂T_x MXene to Form Composite Films with High Electromagnetic Interference Shielding Performance

Zhenping Ma^a, Lei Zhang^a, Xianzhen Wang^a, Guang Xiao^b, Yongbao Feng^{a*}, Wei Wang^a, Konghu

Tian^c, Dewei Liang^d, Yagang Yao^b, Qiulong Li^{a*}

a. College of Materials Science and Engineering, Nanjing Tech University, Nanjing 211816, China

b. National Laboratory of Solid State Microstructures, College of Engineering and Applied Sciences,

Jiangsu Key Laboratory of Artificial Functional Materials, and Collaborative Innovation Center of

Advanced Microstructures, Nanjing University, Nanjing 210093, China

c. Analytical and Testing Center, Anhui University of Science and Technology, Huainan 232001,

China

d. School of Energy Materials and Chemical Engineering, Hefei University, Hefei, 230601, China

[*] Corresponding author: fengyongbao@163.com (Y. B. Feng)

qlli@njtech.edu.cn (Q. L. Li)



Figure S1. Cross-section SEM images of pure MXene film (a), MXene@ZIF-67/MWCNTs composite films (b-g) and pure MWCNTs film (h).



Figure S2. High-resolution XPS of Ti 2p (a), C 1s (b), and O 1s (c) spectra for MXene.



Figure S3. Mechanical properties of our as-prepared films.