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

Comparison of the microwave absorption performance of core-shell SiO_2@C and hollow carbon nanospheres with different sizes

Lu-Lu Han [a], Wen-Wen Wu [a,*], Chao Yuan [a], Zhuo Wang [b], Xiao-Bin Zhou [a], Chen-Xiao Ming [a], Peng Liu [a,*]

[a]School of Physics and Information Technology, Shaanxi Normal University, Xi'an 710062, China.

[b]School of Material Science and Engineering, Chang'an University, Xi'an, 710064, China

[*]Corresponding author. Tel: 86-15829628163. E-mail: wenwen_wu@snnu.edu.cn (Wen-Wen Wu), liupeng@snnu.edu.cn (P. Liu)

The density of void@C can be calculated by m/V. As shown in Fig 1S, it is 0.053g/cm^3.

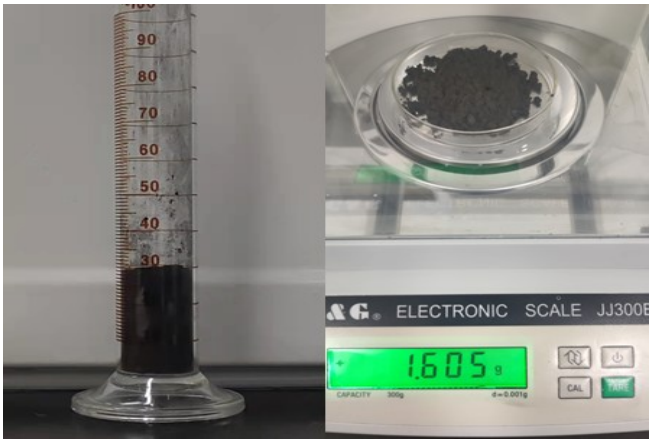

Fig. 1S Density measurement of void@C