

Supporting Information

Surface-nanostructured single silver nanowire: a new one-dimensional microscale SERS interface

Mengmeng Chen,^{†,‡} Huanhuan Zhang,^{†,‡} Yue Ge,[†] Shuo Yang,[†] Peijie Wang,[†] Yan Fang^{*,†}

[†] The Beijing Key Laboratory for Nano-Photonics and Nano-Structures, Department of Physics, Capital Normal University, Beijing 100048, China.

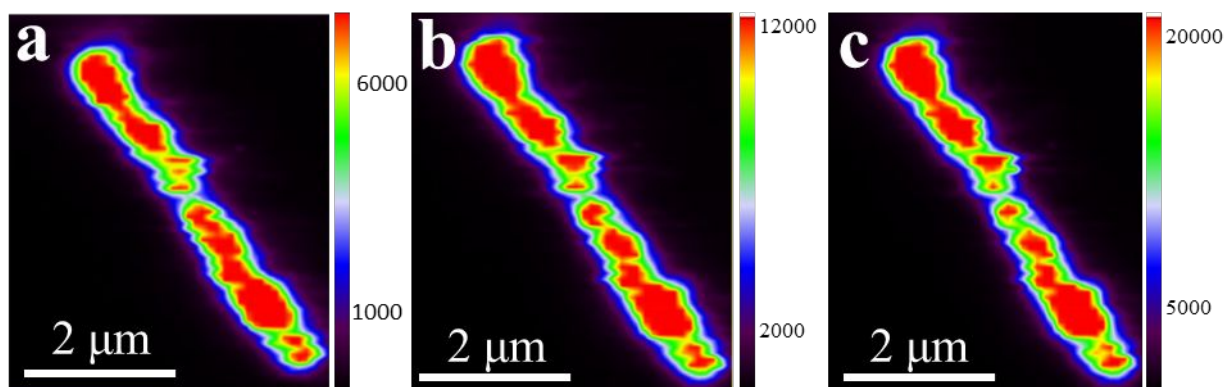


Figure 1 (a)-(c) SERS mapping images on the surface-nanostructured single silver nanowire using the intensity of the Raman peaks at 237 cm^{-1} , 1176 cm^{-1} and 1368 cm^{-1} , respectively. The scale bar on the right of each image displays the color decoding scheme for different SERS intensities. The brighter the color of the bar, the higher the SERS enhancement.