

Supporting Info:

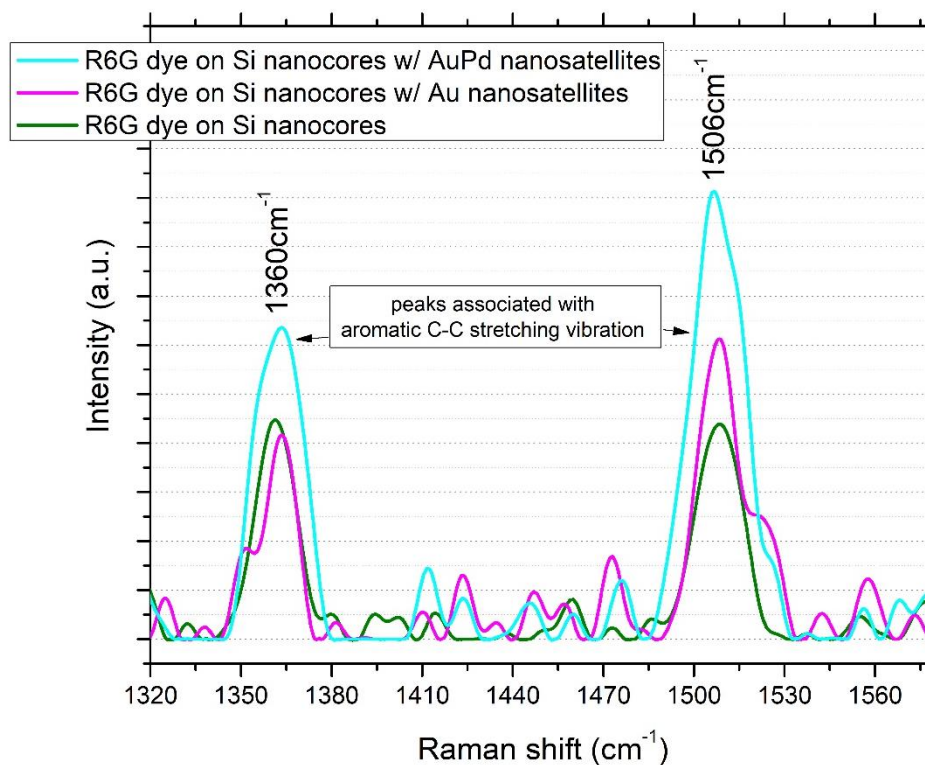


Figure S1: Raman spectra of Rhodamine 6G (R6G) on a) Si nanocore substrate, b) Si nanocore substrate w/ Au nanosatellites and c) Si nanocore substrate w/ AuPd nanosatellites. Observed Peaks at 1360cm⁻¹ and 1506cm⁻¹ are associated with vibrational modes for aromatic C-C stretching¹

References:

1. Z. Li, S. C. Xu, C. Zhang, X. Y. Liu, S. S. Gao, L. T. Hu, J. Guo, Y. Ma, S. Z. Jiang and H. P. Si, Scientific reports, 2016, 6, 38539.