Supporting information

Color point tuning of Y₃Al₅O₁₂:Ce³⁺ phosphor via Mn²⁺-Si⁴⁺ incorporation for white light generation

Yongchao Jia, Yeju Huang, Yuhua Zheng, Ning Guo, Hui Qiao, Qi Zhao, Wenzhen Lv, and Hongpeng You*

*aState Key Laboratory of Rare Earth Resource Utilization, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, P. R. China.

bGraduate University of the Chinese Academy of Sciences, Beijing 100049, P. R. China.

cSchool of National Defence Science and Technology, Southwest University of Science and Technology, Mianyang 621010, P. R. China

*Corresponding author: E-mail address: hpyou@ciac.jl.cn
Figure S1. Spectral overlap between the normalized PL spectrum of YAG:Ce$^{3+}$ and the PLE spectrum of YAG:Mn$^{2+}$,Si$^{4+}$. 