Supplementary Materials

Transition of emission colours as a consequence of heat-treatment of carbon coated Ce^{3+}-doped YAG phosphors

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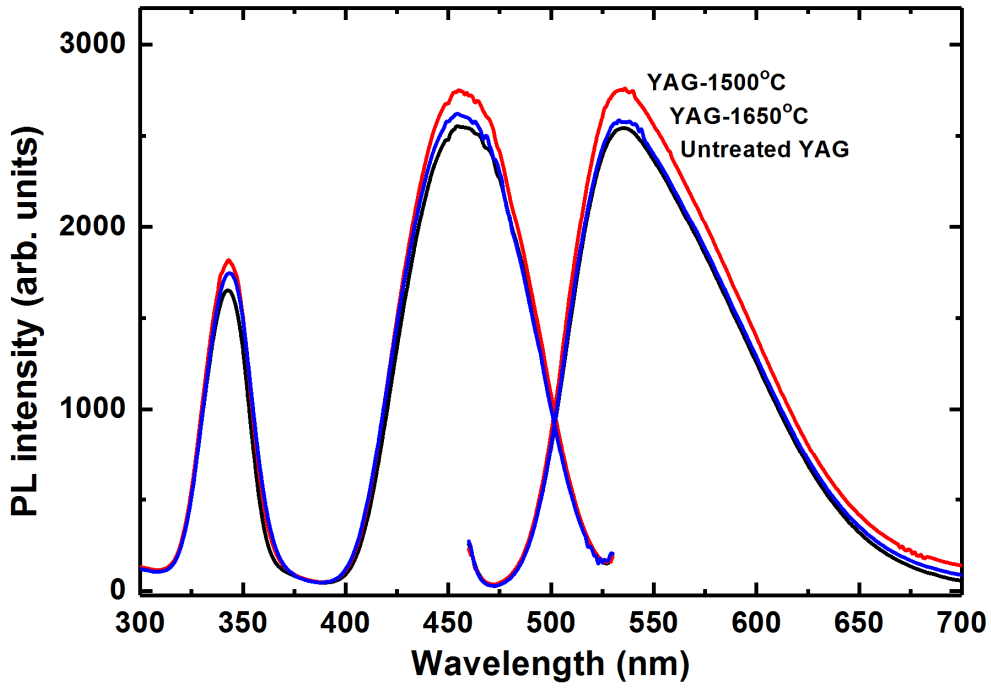

Figure S1. PLE (λ_{em}=540nm) and PL (λ_{ex}=460nm) spectra of untreated YAG:Ce^{3+}, YAG:Ce^{3+}-1500 ºC and YAG:Ce^{3+}-1650 ºC.

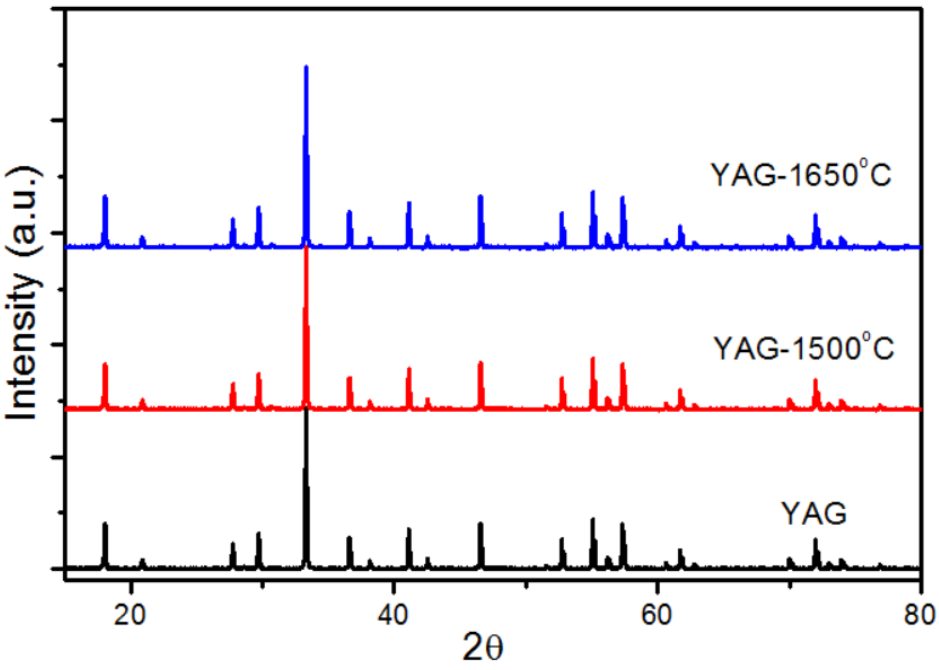

Fig. S2. XRD patterns for untreated YAG:Ce^{3+}, YAG:Ce^{3+}-1500 ºC and YAG:Ce^{3+}-1650 ºC.