

Supporting Information

Synthesis and upconversion luminescence properties of BaBiO₂Cl:Yb³⁺,Er³⁺ phosphor

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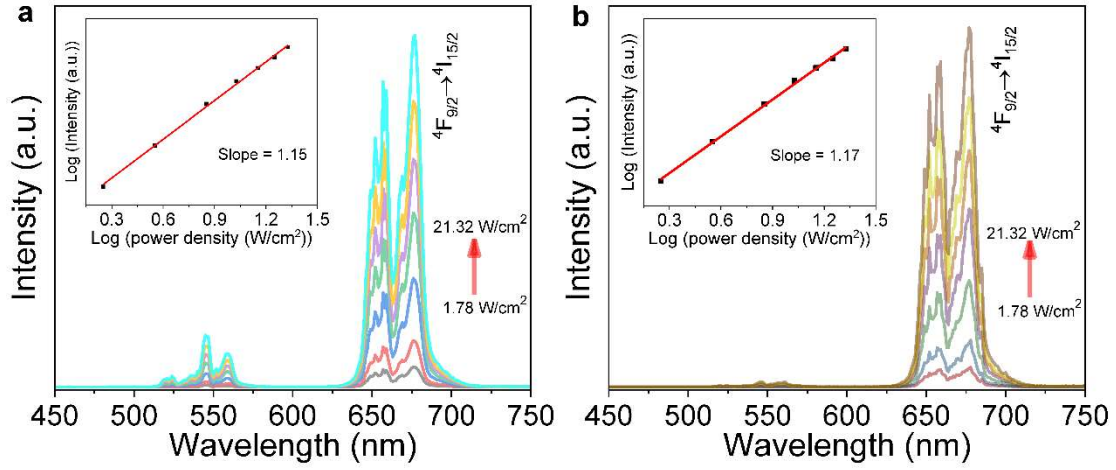


Figure S1. Emission spectra of the BaBiO₂Cl:1%Yb³⁺,2%Er³⁺ (a) and BaBiO₂Cl:7%Yb³⁺,2%Er³⁺ (b) under the excitation of 980 nm laser with different output power over 1.78–21.32 W/cm² (50–600 mW). The inset shows the integrated upconversion emission intensity (*I*) versus the excitation power of 980 nm laser (*P*).

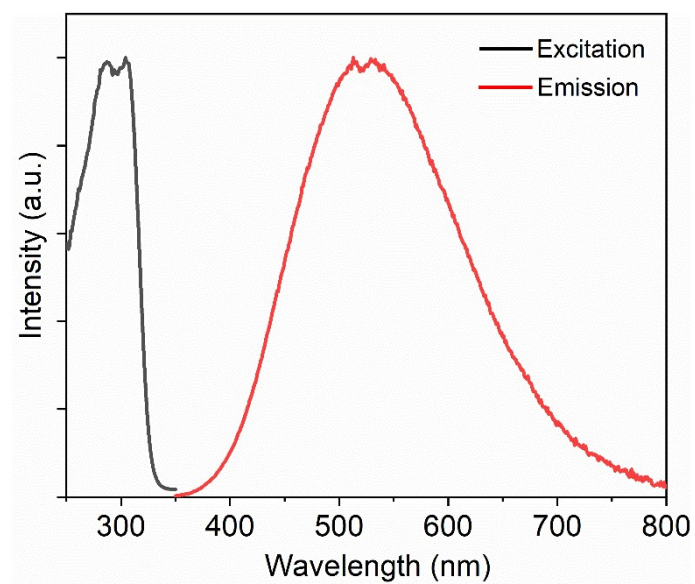


Figure S2. Photoluminescence and excitation spectra of the BaBiO₂Cl:5%Yb³⁺,2%Er³⁺ phosphor.