

Supplementary information

Optical imaging in tissue with X-ray excited luminescent sensors

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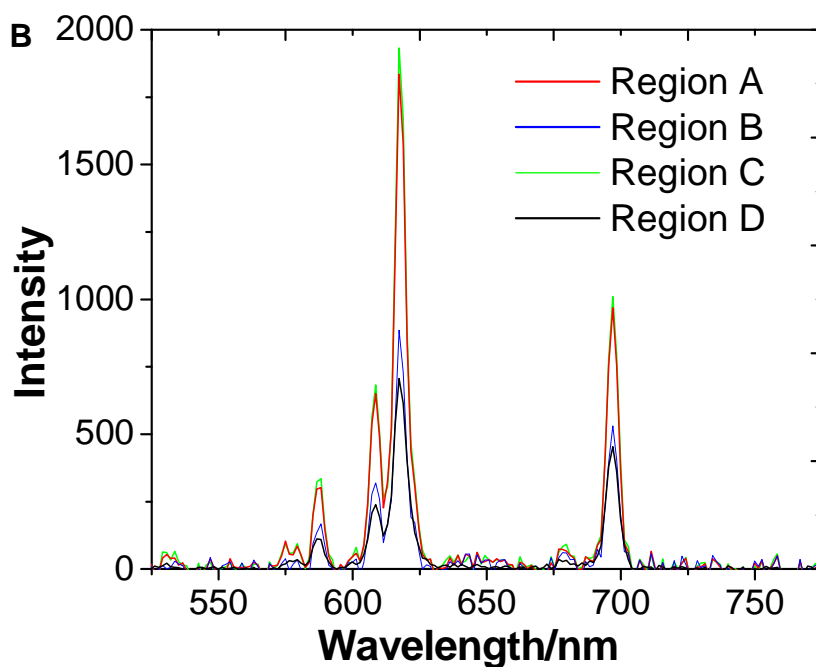
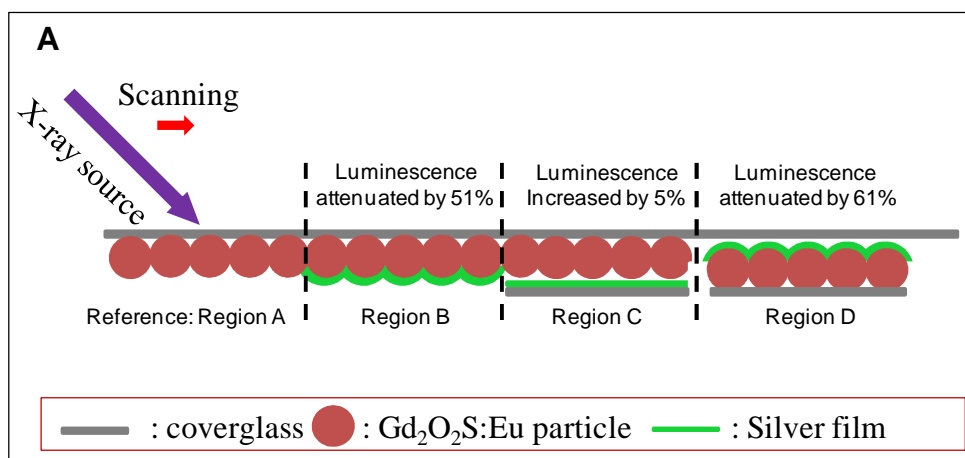


Fig. S1. (A) Schematic showing the effect of a 5 nm silver island film upon XEOL from a single layer of $\text{Gd}_2\text{O}_2\text{S}:\text{Eu}$ phosphors. Region A: uncoated reference; Region B: silver coated below phosphor; Region C, silver placed on a glass slide below; Region D, silver coated above. Above each region, the measured attenuation at 617 nm is labeled. (B) Luminescence spectra from regions A-D.