

Upconversion luminescence response of a single YVO₄:Yb, Er particle

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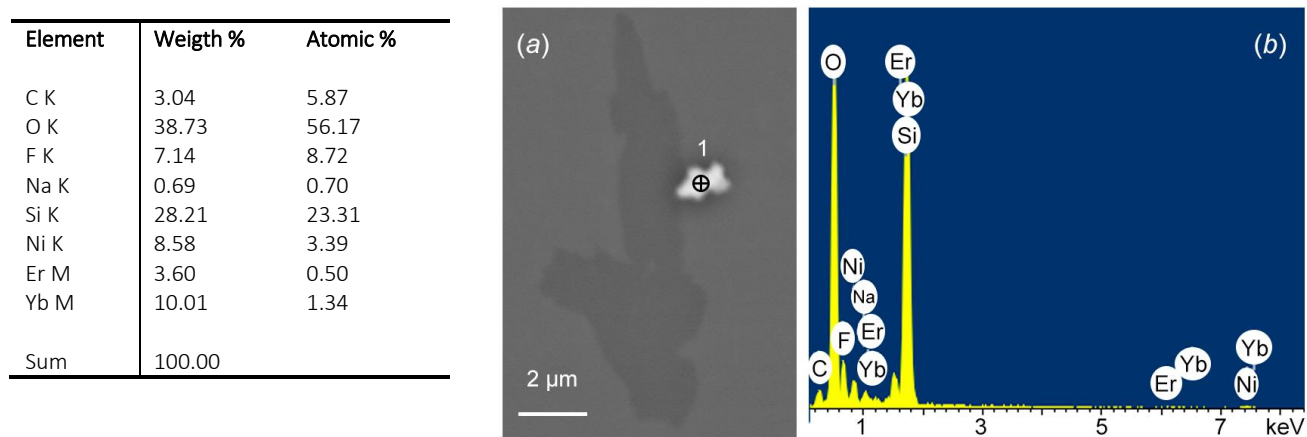


Fig. S1. SEM image (a) and EDS spectrum (b) of the YVO₄:Yb, Er SP.

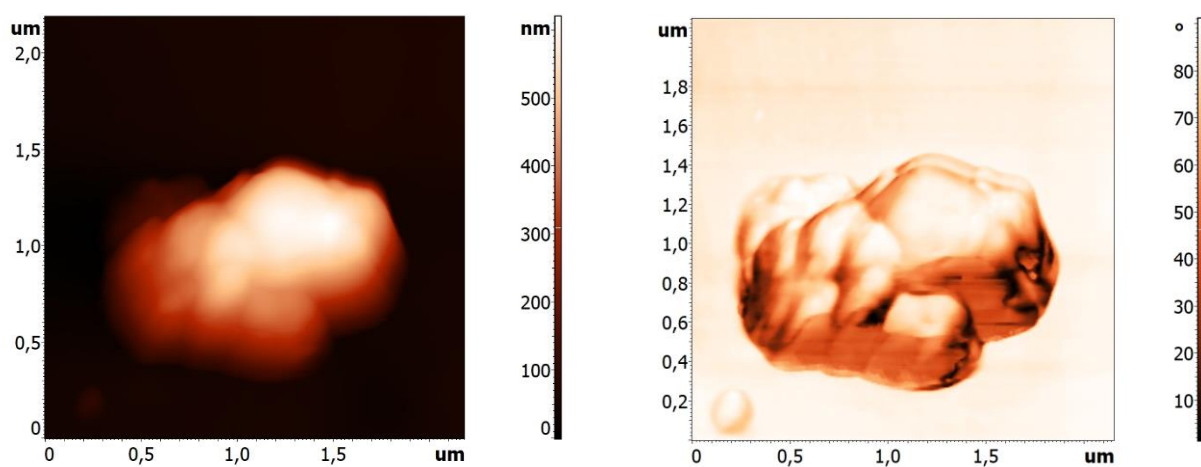


Fig. S2. AFM image (left) and phase-contrast image (right) of the YVO₄:Yb, Er SP.

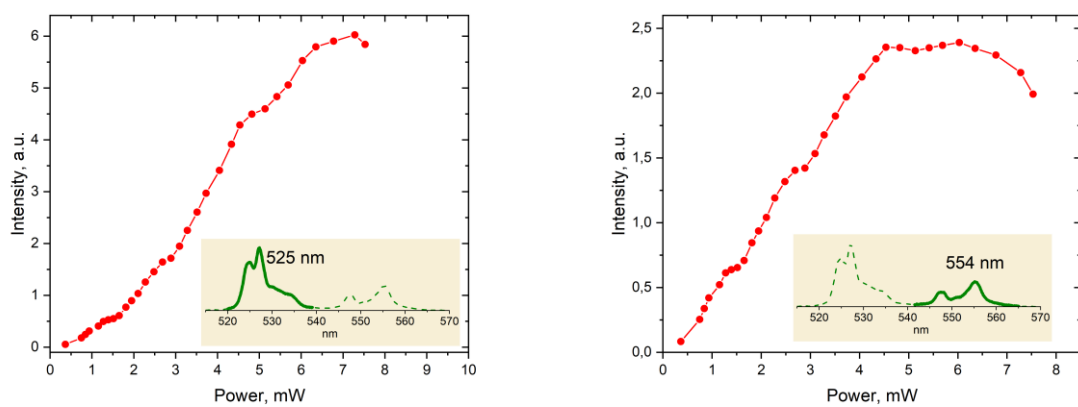


Fig. S3. Dependences of the integral intensities of Er^{3+} luminescence in the 520-540 nm (left panel) and 540-565 nm (right panel) ranges on the laser power for $\text{YVO}_4: \text{Yb, Er SP}$. Despite the Fig. 7, plots are presented in linear-linear format.