

White Emission Thin Films Based on Rationally Designed Supramolecular Coordination Polymers

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Table S1. The CIE chromaticity coordinates for Eu³⁺-L₂EO₄ : Tb³⁺-L₂EO₄

| Composition | Concentration ratio | CIE x | CIE y |
|-------------|---------------------|--------|--------|
| A | 50 μM: 200 μM | 0.2942 | 0.5730 |
| B | 75 μM: 175 μM | 0.3178 | 0.5577 |
| C | 100 μM: 150 μM | 0.3450 | 0.5406 |
| D | 125 μM: 125 μM | 0.3797 | 0.5163 |
| E | 150 μM: 100 μM | 0.4182 | 0.4918 |
| F | 175 μM: 75 μM | 0.4647 | 0.4625 |
| G | 200 μM: 50 μM | 0.5207 | 0.4250 |

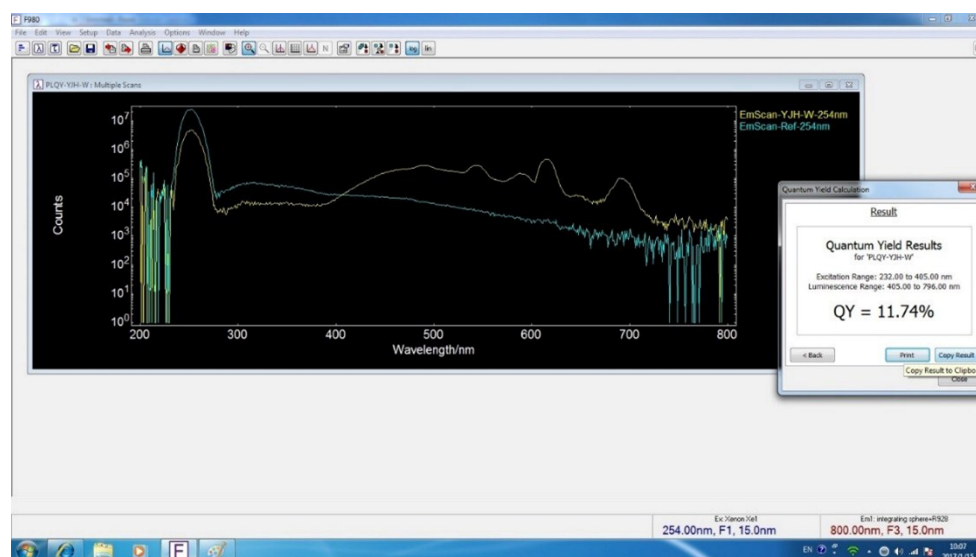


Figure S1. The external fluorescence yield of white emission film.

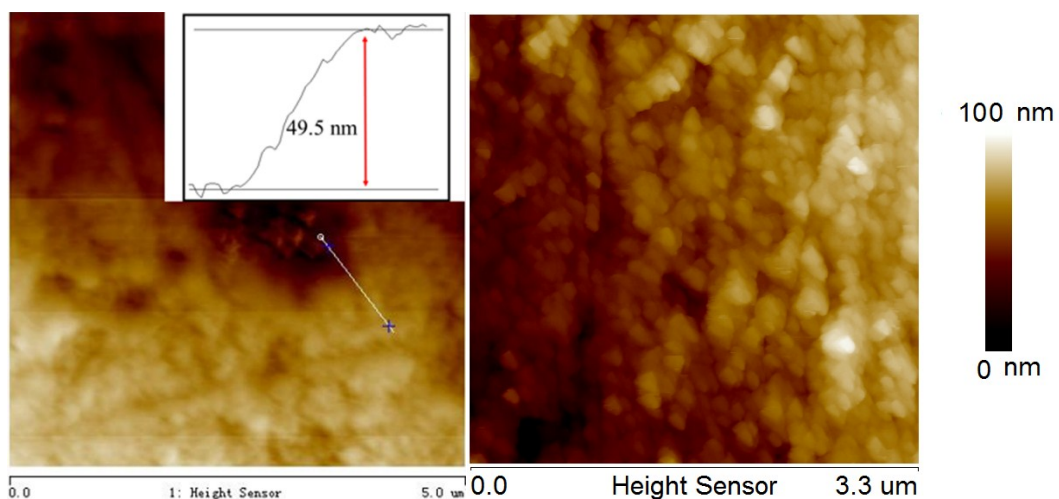


Figure S2. The AFM images of the white emission films. The thickness of film is about 49.5 nm (left), whereas the surface roughness is about ± 5 nm(right).

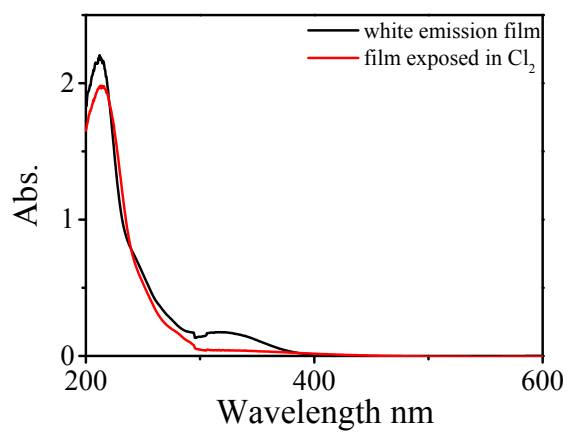


Figure S3. The UV-vis spectra of the white emission film and the film treated with Cl_2 . The absorbance between 300-400 nm featuring the band of conjugated ethylene bond disappears after treating with Cl_2 .