

Supporting Information

Highly efficient near-UV-excitable $\text{Ca}_2\text{YHf}_2\text{Al}_3\text{O}_{12}:\text{Ce}^{3+},\text{Tb}^{3+}$ green-emitting garnet phosphors with potential application in high color rendering warm-white LEDs

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Table S1. CIE color coordinates of CYHA:0.03Ce³⁺,0.6Tb³⁺ phosphors as a function of temperature (303-423 K).

Temperature (K)	CIE (x, y)
303	(0.330, 0.520)
323	(0.327, 0.516)
343	(0.323, 0.512)
363	(0.319, 0.505)
383	(0.311, 0.499)
403	(0.305, 0.490)
423	(0.298, 0.480)

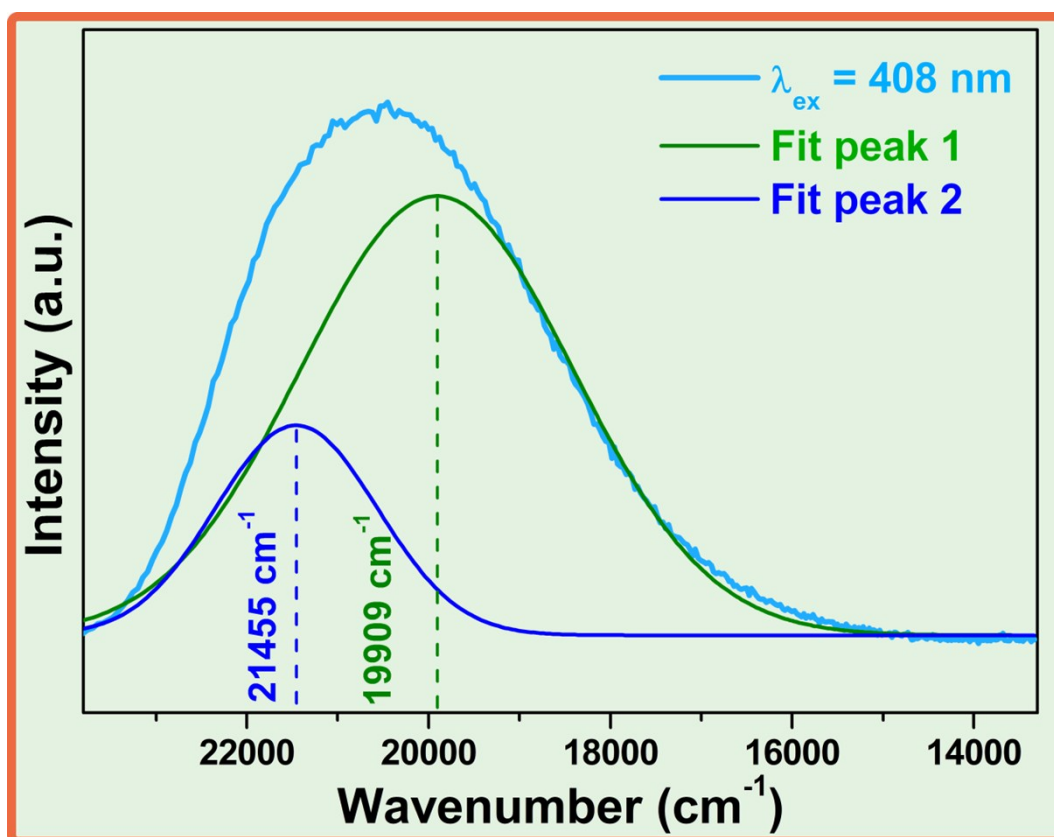


Figure S1. Gaussian fitting of PL spectrum of CYHA:0.03Ce³⁺ phosphors in the energy scale under 408 nm excitation.