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## Blue to Magenta tunable luminescence from LaGaO<sub>3</sub>:Bi<sup>3+</sup>, Cr<sup>3+</sup> doped phosphors for field emission displays

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Fig. 1S Spectral overlap of excitation spectra of LaGaO<sub>3</sub>:Bi<sup>3+</sup>(1 at%) and emission spectra of undoped LaGaO<sub>3</sub> phosphosr



Fig. 2S Spectral overlap of excitation spectra of LaGaO<sub>3</sub>:Cr<sup>3+</sup>(3 at%) and emission spectra of undoped LaGaO<sub>3</sub> and LaGaO<sub>3</sub>:Bi<sup>3+</sup>(1 at%) phosphors