Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.

Supporting Information for "The Triplet-Charge Annihilation in Copolymer-Based Organic Light Emitting Diodes: Through "Scattering Channel" or "Dissociation Channel"?"

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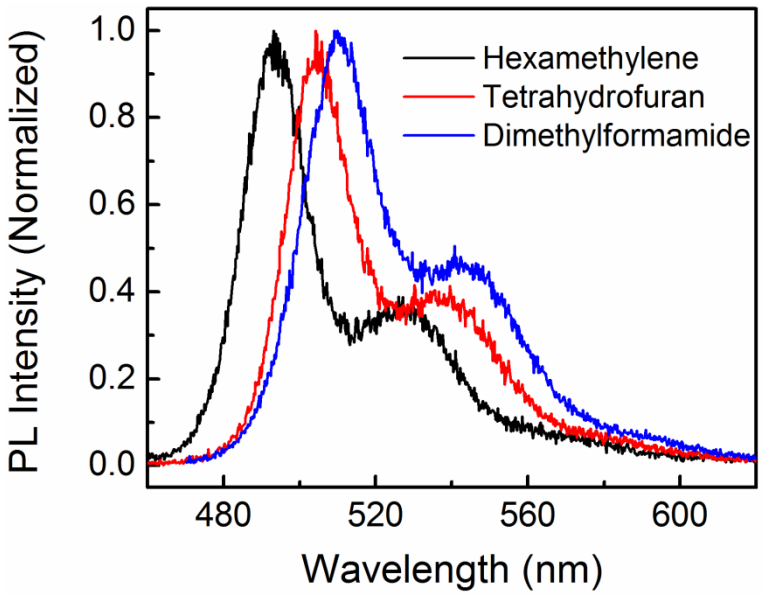

Figure S1. The solvatochromic effect of PFOPV in solution of hexamethylene (black), tetrahydrofuran (red) and dimethylformamide (blue). By increasing the solvent polarity, a large red-shift of PL spectra and enhanced CT emission of PFOPV were observed.

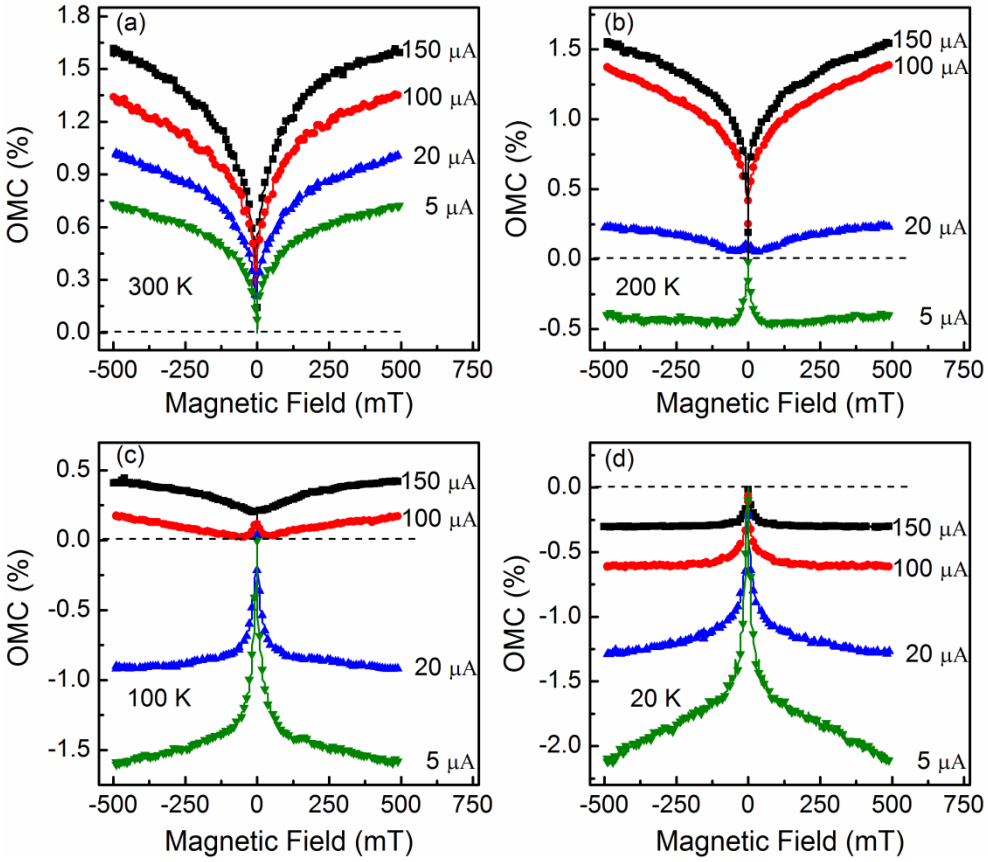

Figure S2. OMC of PFOPV-based OLEDs under different currents (150 μA, 100 μA, 20 μA, and 5 μA) at temperatures of (a) 300 K, (b) 200 K, (c) 100 K and (d) 20 K.