Electronic Supplementary Information (ESI) for the manuscript:

Strong effect of the positioning of solubilizing alkyl side chains on optoelectronic and photovoltaic properties of TTBTBTT-based conjugated polymers

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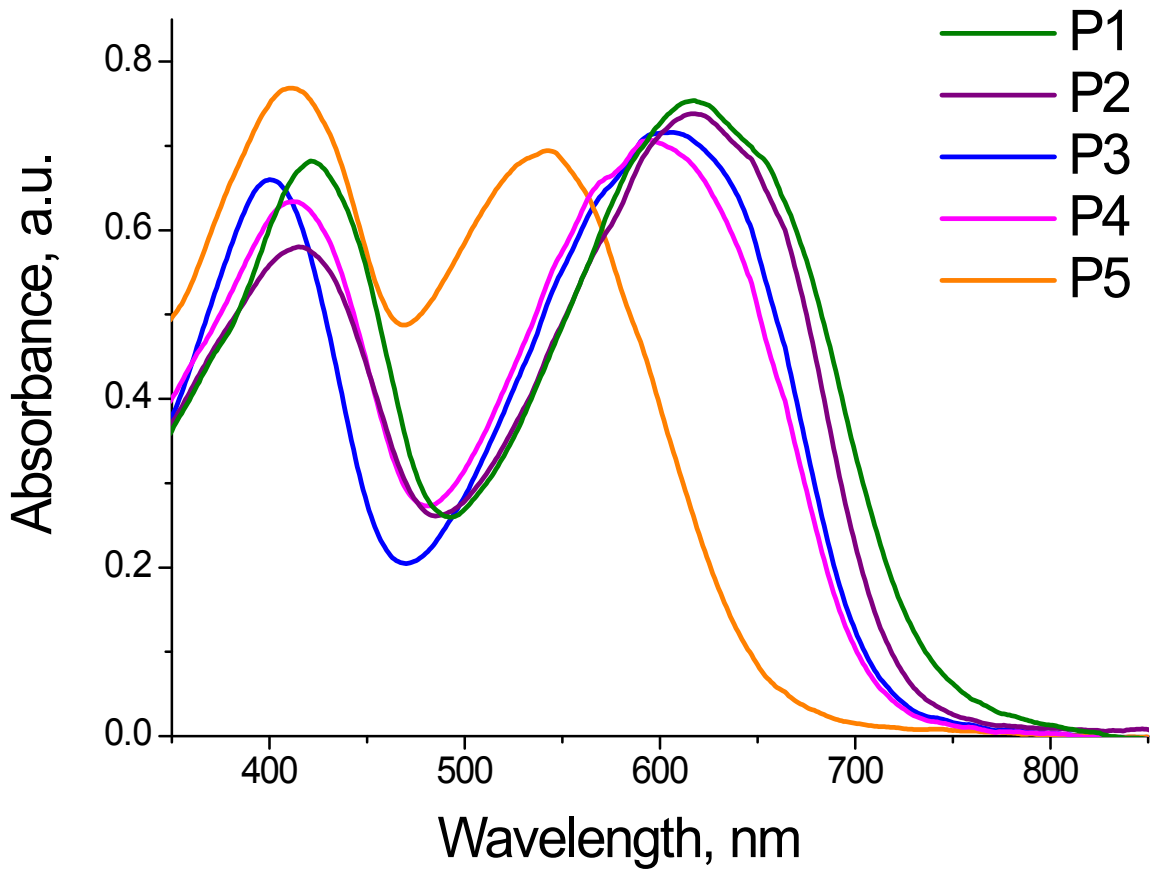

Figure S1. Thin film absorption spectra of P1-P5

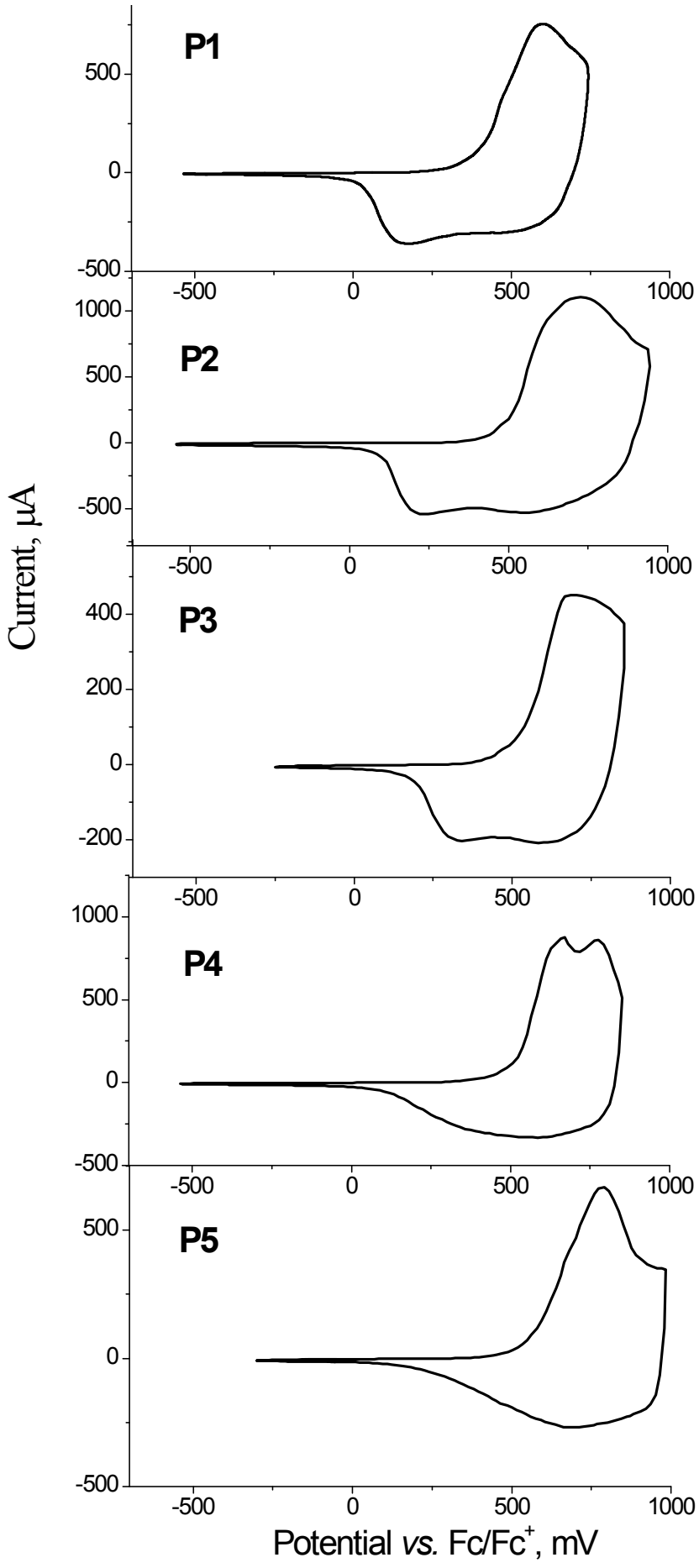

Figure S2. Cyclic voltammograms of thin films of P1-P5

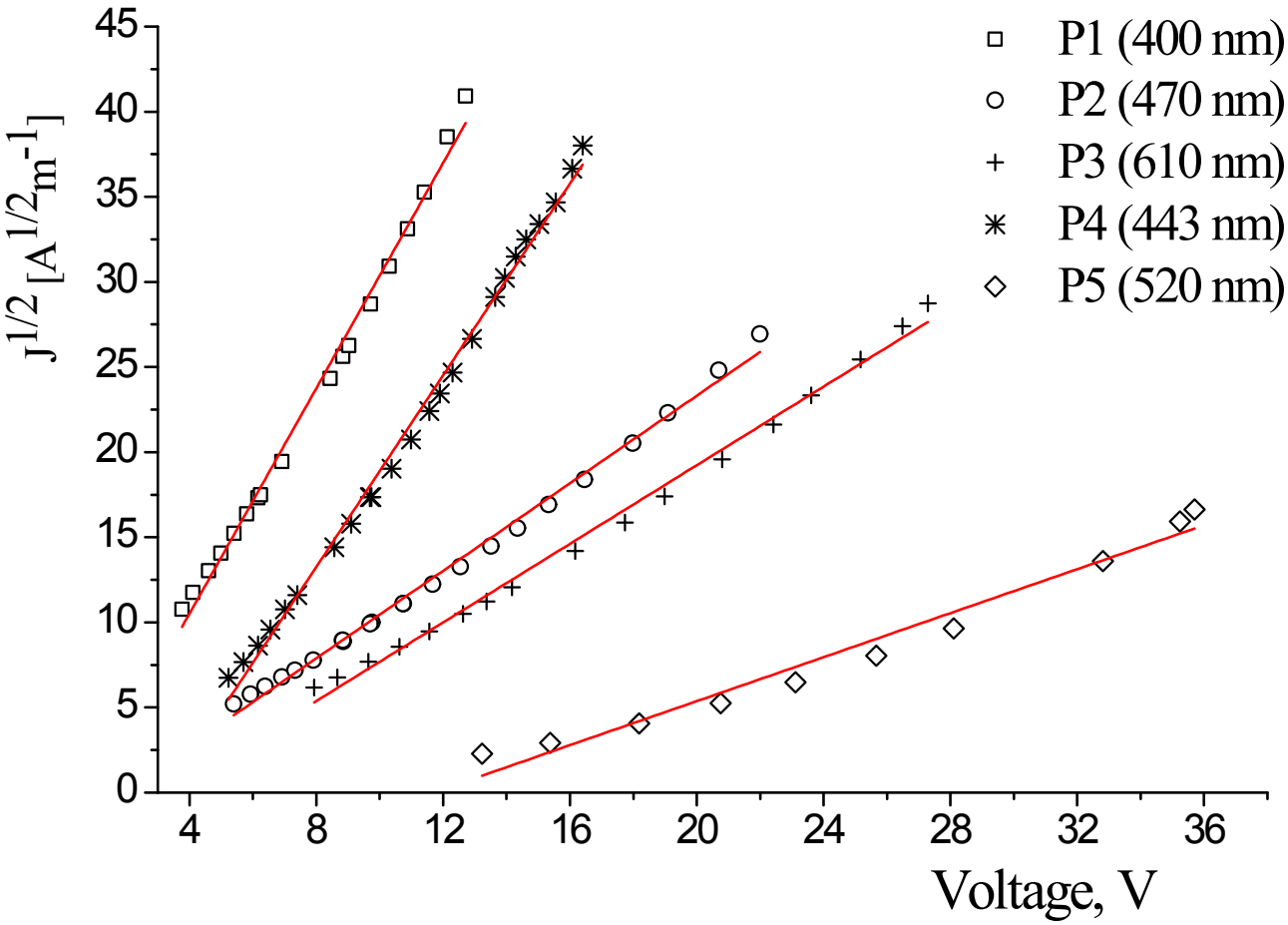

Figure S3. $J^{1/2}$-V plots for hole-only devices (glass/ITO/PEDOT:PSS (50-60 nm)/polymer (100-300 nm)/MoO_3 (20 nm)/Ag (100 nm)) used to estimate charge carrier mobilities in thin films of P1-P5.

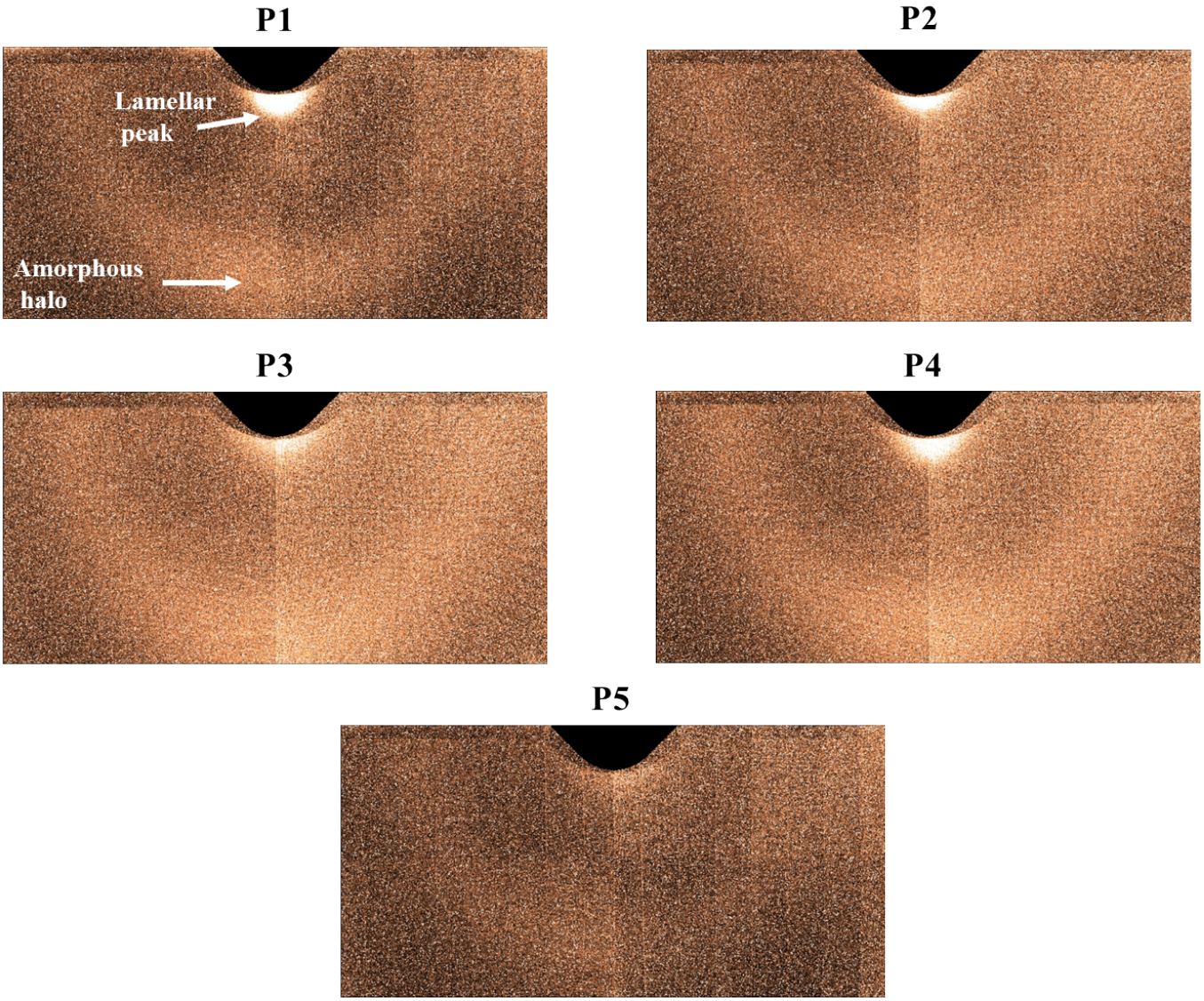

Figure S4. 2D GIWAXS patterns for thin films of P1-P5

P1 : [60]PCBM

P2 : [60]PCBM

P3 : [60]PCBM

P4 : [60]PCBM

P5 : [60]PCBM

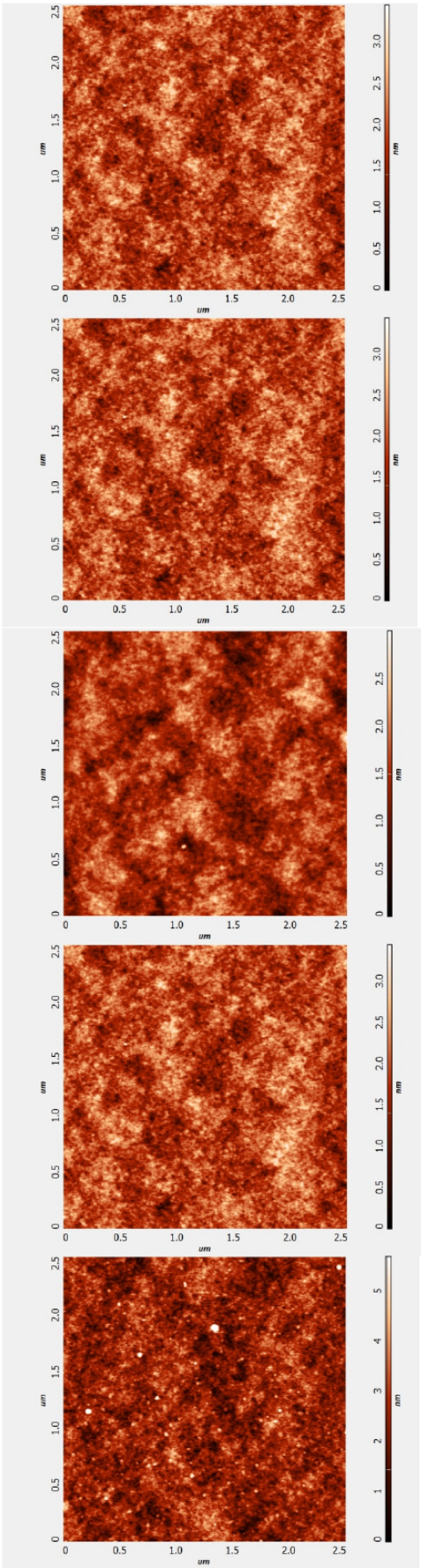

Figure S5. AFM images for composites of P1-P5 with [60]PCBM