Supplementary Information for

Organic Field-Effect Transistors Processed by Environmentally Friendly Non-Halogenated Solvent Blend

Opoku Henry, Benjamin Nketia-Yawson, Eun Sol Shin, Yong-Young Noh*

Department of Energy and Materials Engineering, Dongguk University, 30 Pildong-ro, 1 gil, Jung-gu, Seoul 04620, South Korea.

*E-mail: yynoh@dongguk.edu
Figure S1: P(NDI2OD-T2) and DPPT-TT Polymers in (a, d) acetophenone, (b, c) mesitylene, and (c, f) M:A (95:5 vol%) solvents, before and after Heating at 80°C for 24 h.

Figure S2: X-Ray diffraction patterns for (a) P(NDI2OD-T2) and (b) DPPT-TT in O-DCB and non-halogenated solvent blends.
Figure S3: Output characteristics of P(NDI2OD-T2) OFETs in (a) MS (b) MS:AC (95:5 vol%) and (c) MS:AC (90:10 vol%) solvent blends.

Figure S4: Output characteristics of (a, b) DPPT-TT and (c, d) IDT-BT OFETs cast from MS:AC (90:10 vol%) and MS:AC (80:20 vol%) solvent blends.