

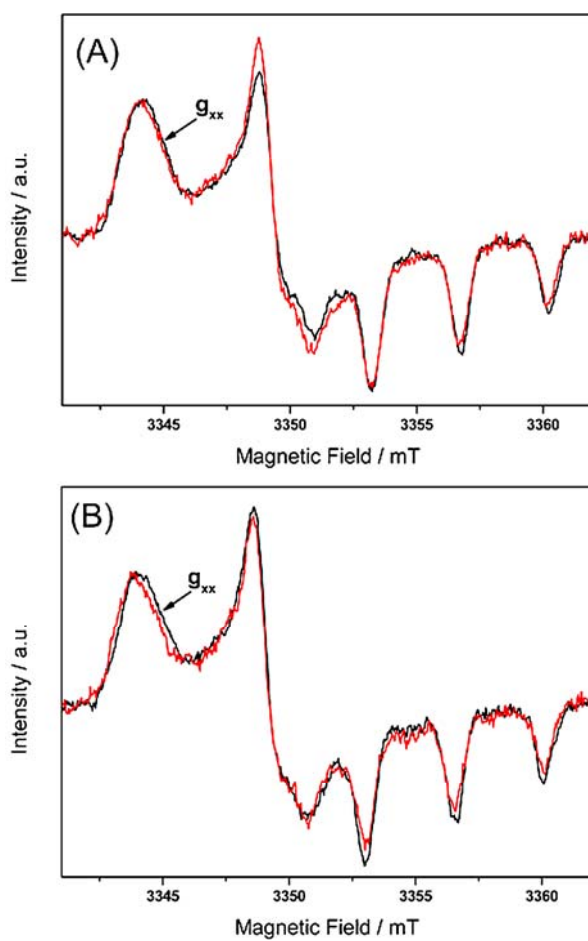
Supplementary Information for

The Solvation of Nitroxide Radicals in Ionic Liquids Studied by High-field  
EPR Spectroscopy

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**Figure S1.** Comparison of the pseudomodulated field swept echo detected W-band EPR spectrum of 2mM (A) Cat-1 (B) Tempo-4-carboxylate in EmimBF<sub>4</sub> (black) and HmimBF<sub>4</sub> (red) at 20 K. The arrow illustrates the shift of  $g_{xx}$  values in different solvents.