



**Figure 51.** Proton Powder MIMS ENDOR spectrum: (a) MIMS ENDOR pulse sequence; (b)  $g_{\text{iso}} = 2.0$ ,  $A_{\parallel} = 4$  MHz,  $A_{\perp} = 10$  MHz,  $T_{2N\text{iso}} = 0.0$  MHz. Microwave ( $\pi/2$ ) and RF ( $\pi$ ) pulse lengths, 16.0 and 2000.0 nsec, respectively. Delays  $d_0$ ,  $d_1$ ,  $d_2$ , and  $d_{10}$  are 0.0, 200.0, 400.0, 3000.0, respectively. Number of orientations equals 100.  $B = 342.949$  mT and 9.6 GHz.