



Figure 46. Multifrequency EPR spectra of 1% $^{53}\text{Cr(III)}$ doped into $\text{CsAl(SO}_4)_3$. Experimental spectra (top) and computer-simulated spectra (bottom). The spin Hamiltonian is given in Eq. (11) and the spin Hamiltonian parameters are $g_{\text{iso}} = 1.975$, $D = -0.078 \text{ cm}^{-1}$, and $E/D = 0$. Reproduced with permission of Bruker Biospin.