

Supporting Information

Figure S1 Plots of $\chi_M T$ vs. T of **1** (considered as one hexanuclear unit) in the temperature range of 2 -300 K; the solid line is the theoretical fit with J' (see text for the explanation).

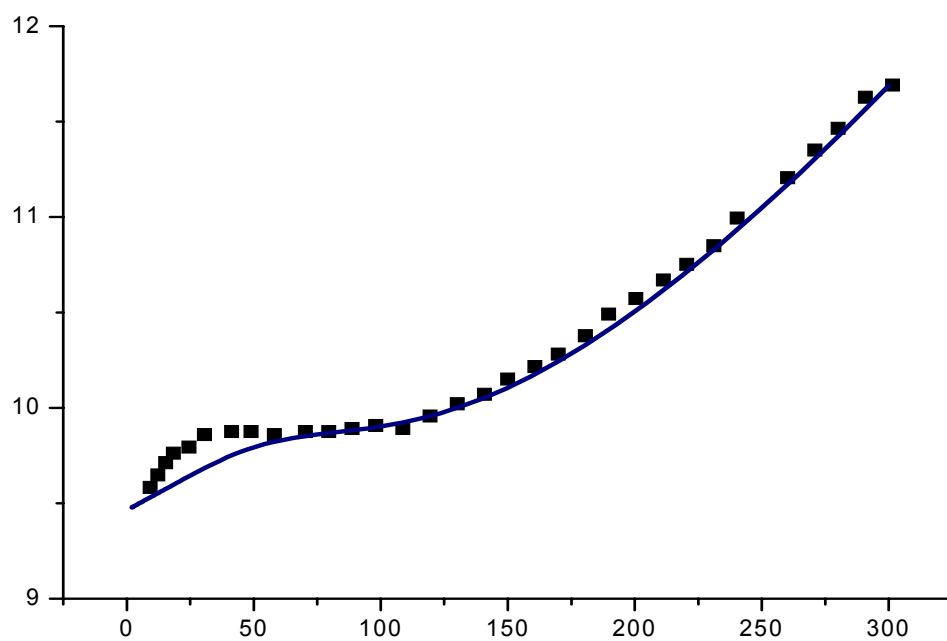


Figure S2 Powder X-band EPR spectra simulations with $D = 0.9, 0.5, 0.3$

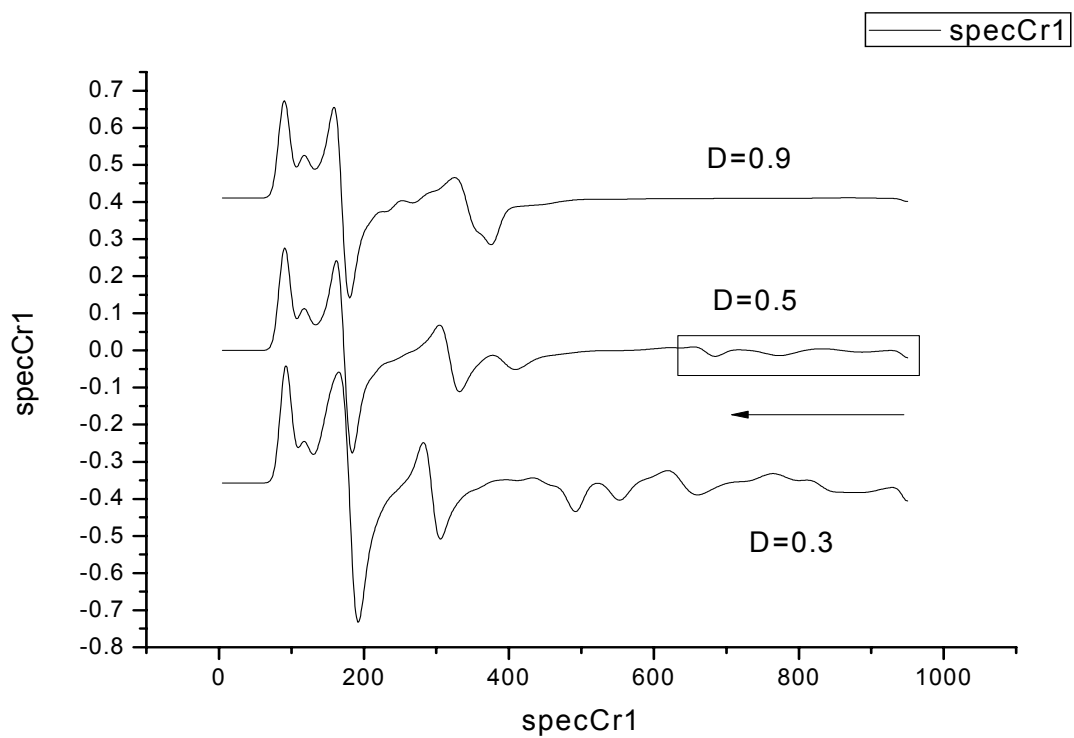


Figure S3 Powder X-band EPR spectra of **1** at four different temperatures.

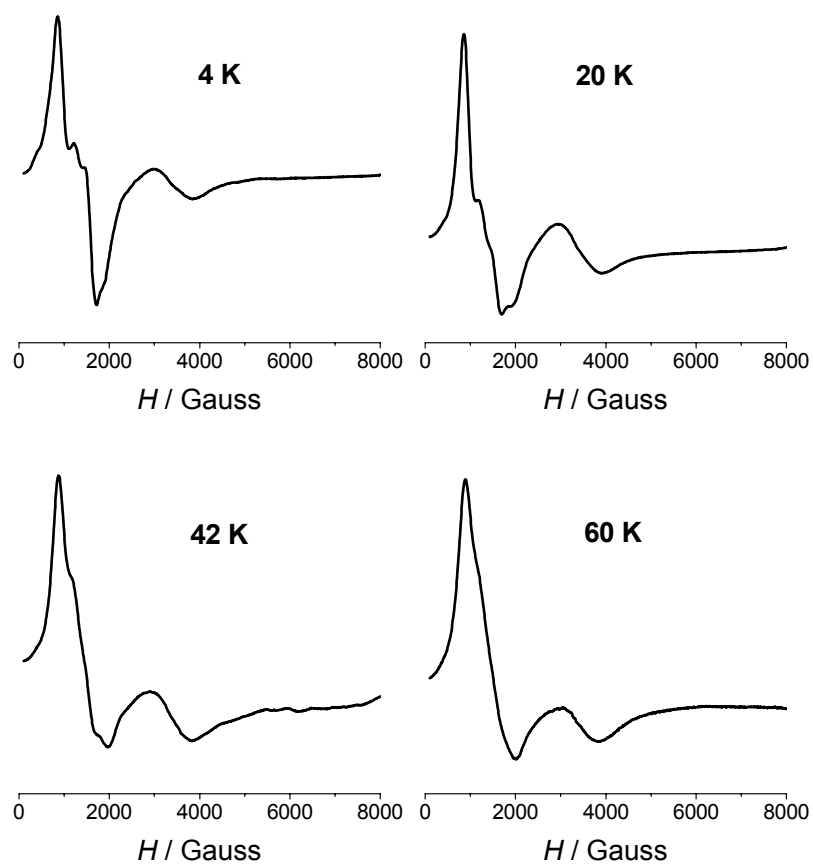


Figure S4 Splitting of the multiplets H_x , H_y , H_z direction for $D = 0.9 \text{ cm}^{-1}$, $E = 0.08 \text{ cm}^{-1}$ (up) and $D = 0.3 \text{ cm}^{-1}$, $E = 0.08 \text{ cm}^{-1}$ (down).

