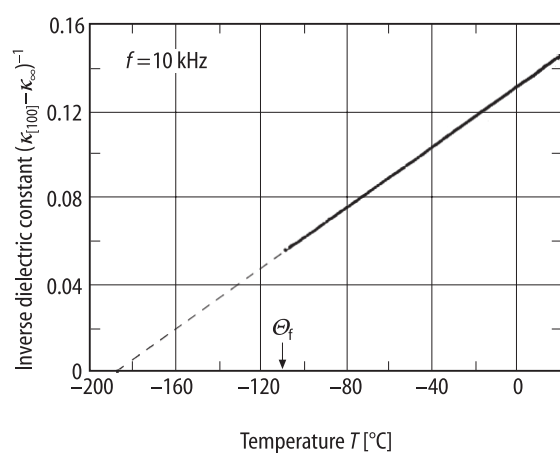


**Fig. 45A-15-001.**  $\text{N}_2\text{H}_5\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ .  $\kappa_{100}$  vs.  $T$  [90Osa].  $\kappa_{100}$ : dielectric constant along [100].



**Fig. 45A-15-002.**  $\text{N}_2\text{H}_5\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ .  $1/(\kappa_{100} - \kappa_\infty)$  vs.  $T$  [90Osa].  $\kappa_{100}$ : dielectric constant along [100],  $\kappa_\infty = 7.3$ .

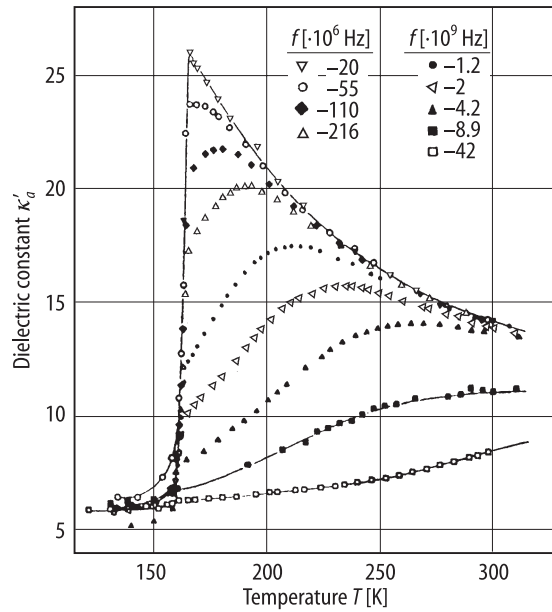


Fig. 45A-15-003.  $\text{N}_2\text{H}_5\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ .  $\kappa'_a$  vs.  $T$  [90Gri]. Parameter:  $f$ .

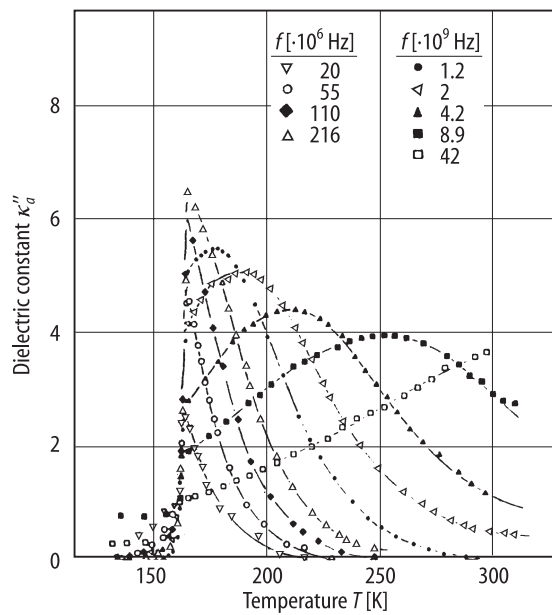
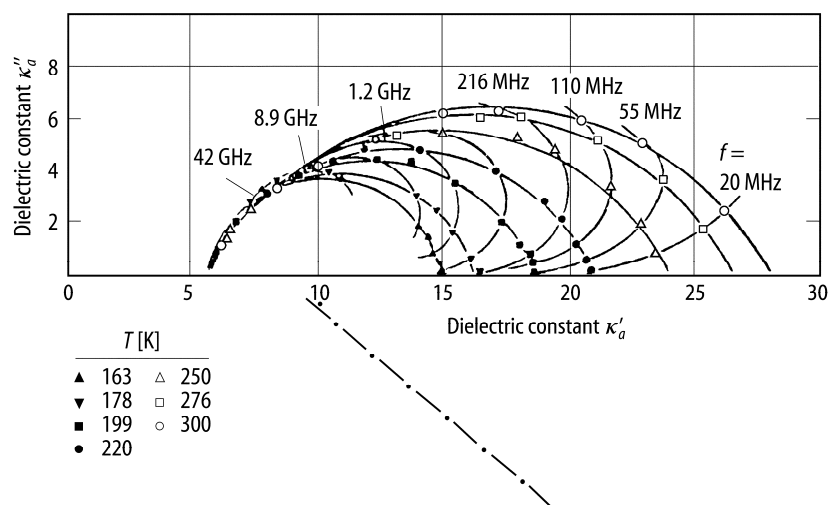
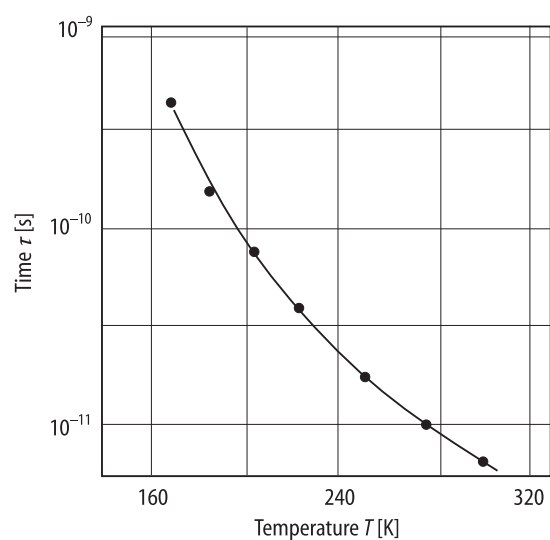


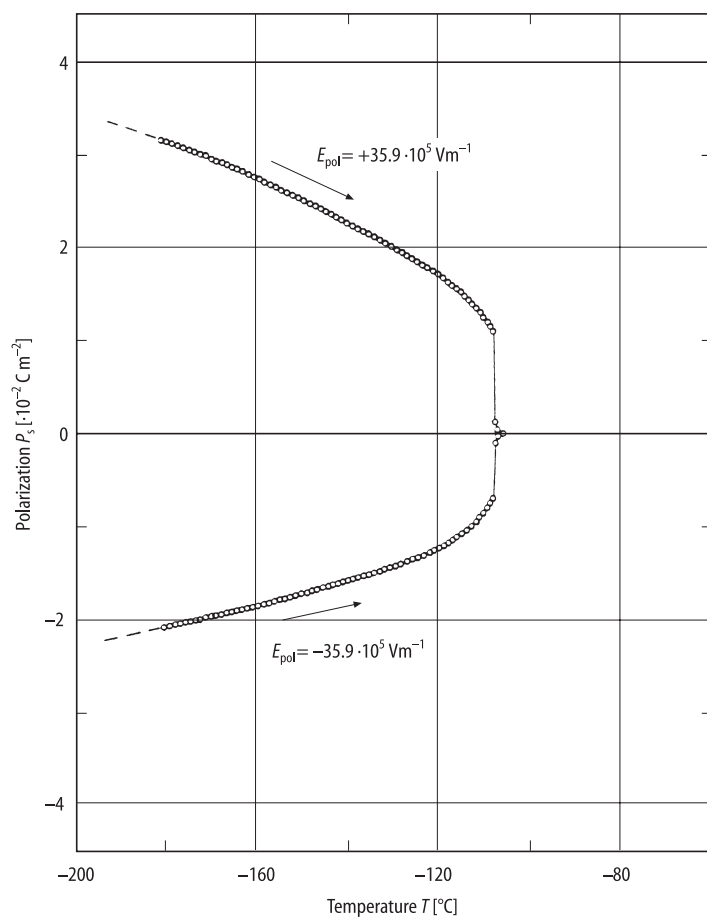
Fig. 45A-15-004.  $\text{N}_2\text{H}_5\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ .  $\kappa''_a$  vs.  $T$  [90Gri]. Parameter:  $f$ .



**Fig. 45A-15-005.**  $\text{N}_2\text{H}_5\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ . Cole-Cole plot of the complex dielectric constant [90Gri]. Parameter:  $T$ . Points below the  $\kappa'_a$  axis represent the centers of arcs.



**Fig. 45A-15-006.**  $\text{N}_2\text{H}_5\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ .  $\tau$  vs.  $T$  [90Gri].  $\tau$ : dielectric relaxation time.



**Fig. 45A-15-007.**  $\text{N}_2\text{H}_5\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ .  $P_s$  vs.  $T$  [90Osa]. Parameter:  $E_{\text{pol}}$ .  $E_{\text{pol}}$ : poling field.