

Fig. 35A-22-001. CsTiOAsO_4 . The Cs_2O – TiO_2 – As_2O_5 ternary phase diagram [93Che]. The region indicated as CTA is the composition where the orthorhombic CsTiOAsO_4 crystals are obtained.

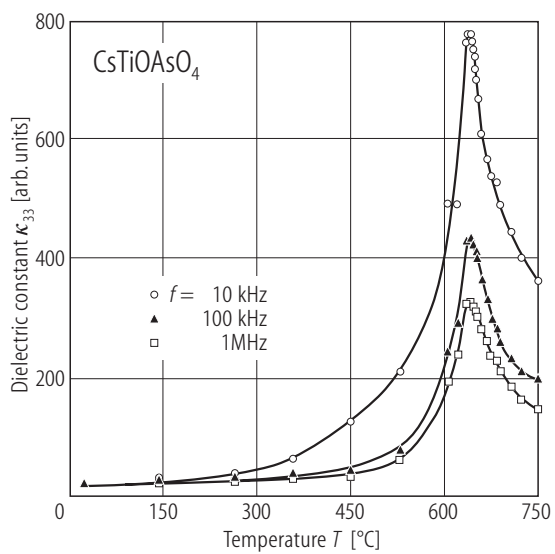


Fig. 35A-22-002. CsTiOAsO_4 . κ_{33} vs. T [93Che]. Parameter: f .

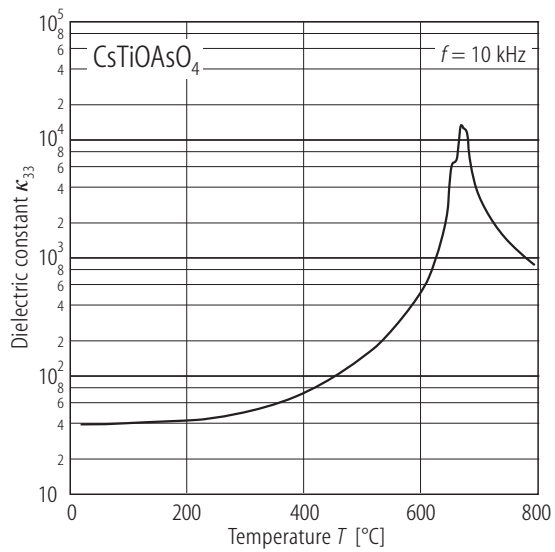


Fig. 35A-22-003. CsTiOAsO_4 . κ_{33} vs. T [93Loi]. $f = 10$ kHz.

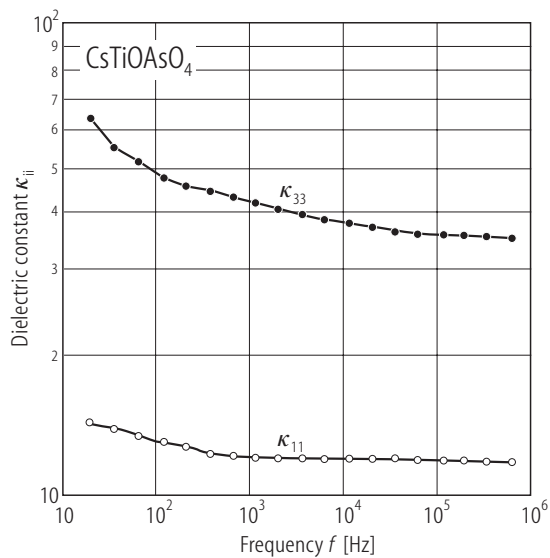


Fig. 35A-22-004. CsTiOAsO_4 . κ_{11} , κ_{33} vs. f [93Loi]. $T = 22$ °C.

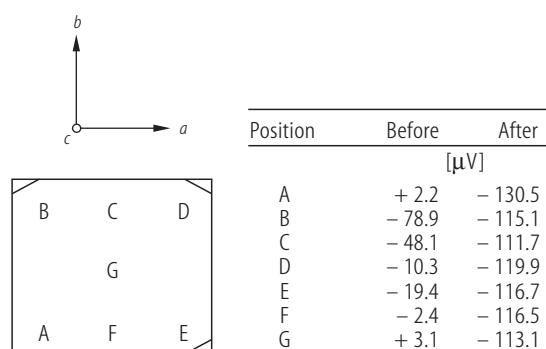


Fig. 35A-22-005. CsTiOAsO_4 . Comparison of piezoelectric response maps of a $5 \times 4.5 \times 3.5 \text{ mm}^3$ crystal before (multi-domain) and after poling (single-domain) [93Che]. Sign changes correspond to polarization reversal.

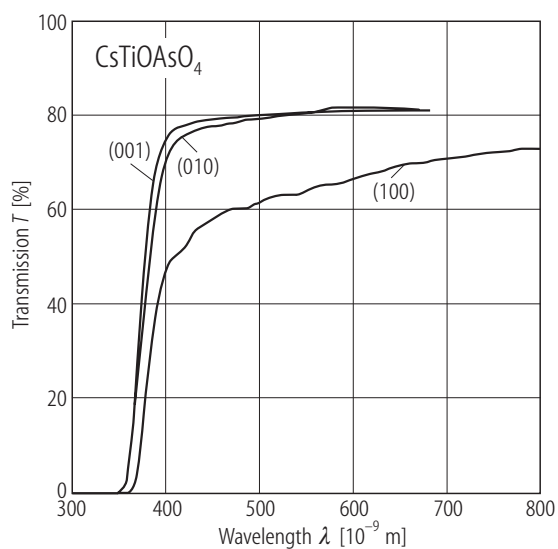


Fig. 35A-22-006. CsTiOAsO_4 . T vs. λ [93Loi]. T : ultraviolet/visible transmission spectra. $t = 5 \text{ mm}$, unpolarized. (001), (010), (100) plates.

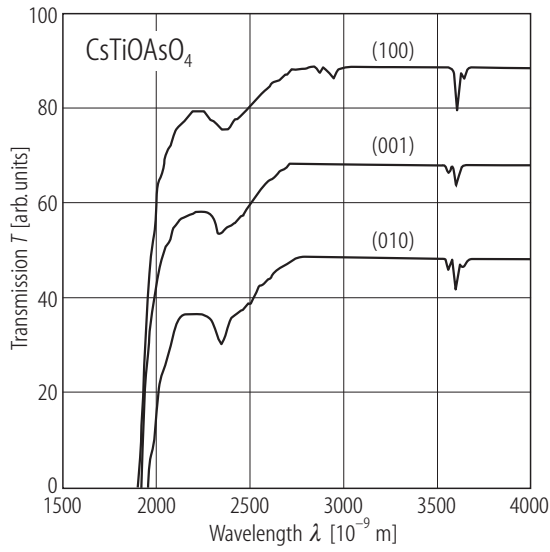


Fig. 35A-22-007. CsTiOAsO₄. T vs. λ [93Loi]. T : infrared transmission spectra. $t = 5$ mm, unpolarized. (001), (010), (100) plates.

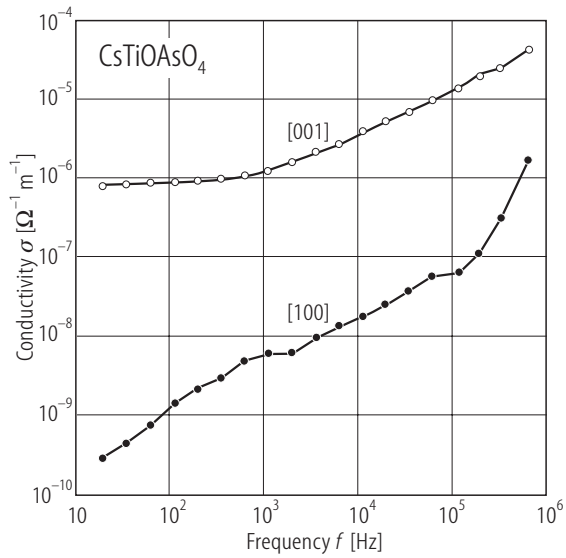


Fig. 35A-22-008. CsTiOAsO₄. σ vs. f [93Loi]. [100] and [001] directions. $T = 22$ °C. σ : conductivity.