

Abstracts

High Pressure Far Infrared Spectroscopy of Ionic Solids

R.P. Lowndes. "High Pressure Far Infrared Spectroscopy of Ionic Solids." 1974 Transactions on Microwave Theory and Techniques 22.12 (Dec. 1974, Part I [T-MTT] (Special Issue on the Proceedings of the First International Conference on Submillimeter Waves and Their Applications)): 1076-1080.

A high pressure far infrared cell operating to truly hydrostatic pressures of 8 kbar is described and used to determine the anharmonic self-energies associated with the $q \rightarrow 0$ transverse optic modes of ionic solids.

 [Return to main document.](#)