

# Relaxation of $^{121}\text{Sb}$ NQR in Antimony Trichloride due to Raman Process

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Z. Naturforsch. **56a**, 777–784 (2001); received August 21, 2001

The spin-lattice relaxation times of  $^{121}\text{Sb}$  nuclear quadrupole resonance in  $\text{SbCl}_3$  have been measured from 4.2 K to the m. p., 346 K. The result is analyzed with a theory of the Raman process based on covalency and discussed in comparison with the previous result for  $^{35}\text{Cl}$  nuclei.

*Key words:*  $\text{SbCl}_3$ ;  $^{121}\text{Sb}$ -NQR; Relaxation Times; Raman Process; Covalency.