

## Low Frequency Excitations in Antiferromagnetic Tungstates (NiWO/sub 4/, CoWO/sub 4/)

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V.V. Eremenko, V.M. Naumenko, A.I. Zvyagin, V.I. Kut'ko and A.I. Maslennikov. "Low Frequency Excitations in Antiferromagnetic Tungstates (NiWO/sub 4/, CoWO/sub 4/)." 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)): 1069-1072.

Absorption spectra of biaxial antiferromagnets have been studied from 7.5 to 500 cm/sup -1/. Ordering directions and the g tensor are determined. A new spin-wave branch and spin-phonon interaction will be described.

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