



Fig. 2. Pure quadrupole resonance of N^{14} in $(CH_2)_6 N_4$ at $22^\circ C$, the resonance frequency being 3.3076 Mcps. The R-C integrating circuit preceding the recorder has a time constant of 2 seconds.

Reference

1. F.N.H. Robinson, *J. Sci. Instr.* **36**, 481 (1959)
2. H. Dutcher, Jr. and T. A. Scott, *Rev. Sci. Instr.* **32**, 457 (1961).
3. W.D. Knight, *Rev. Sci. Instr.* **32**, 95 (1961).
4. J.F. Verdick and C.D. Cornwell, *Rev. Sci. Instr.* **32**, 1383 (1961)
5. Chance et al, Waveforms, MIT Radiation Lab. Series, Vol. 19, McGraw-Hill Book Co., Inc., New York, 1949, p. 136
6. L.D. Jennings, *Rev. Sci. Instr.* **31** 1269 (1960).
7. G.E. Valley, Jr. and H. Wallman, Vacuum Tube Amplifiers, Radiation Lab. Series No. 18, McGraw-Hill Book Co., Inc., New York (1948) p. 348.
8. N.A. Schuster, *Rev. Sci. Instr.* **22**, 254 (1951).

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