

## AN-08-0004-1.0 Estimating efficiency of energy harvesting

Thursday, 31 January 2008

This application note describes the methodology used in estimating efficiency of AmbioMote24 energy harvesting circuitry and explains the sources of energy gain.

Testing is performed by using a piezoelectric energy harvester driven at 40Hz and producing open circuit voltages of 10V, 30V, 50V and 100V peak.

Efficiency of AmbioMote24-A and AmbioMote24-B was compared to a commercially available energy harvesting module. AmbioMote24 performed significantly better under most testing conditions.

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Related: [Energy harvesting evaluation kit](#)