

MAYDEC-11-D1H-

NEW NUMBER = DZMMH

Core Heating Test

ABSTRACT

The core heating test verifies the ability of memory cores within the test zone to withstand both internal and external heat without malfunctioning. Heating is limited to the amount of heat that can be produced by the process of executing memory reference instructions at the maximum rate. A test feature is provided in the fact that the heating interval can be set to any specified period to facilitate specialized heat tests. The test can be run independently of external devices and does not rely on external interrupts for operational continuity.

REQUIREMENTS

PDP-11

STORAGE = 0 - 502

LOADING = Absolute Loader

EXECUTION TIME = 3.5 min. = Bell will ring

STARTING PROCEDURE = 200 with automatic test limits = up to 28K
= 202 with selected test limits

PRINTOUTS = Yes

SWITCH REGISTER OPTIONS = Yes

SW12 = HALT ON END OF PROGRAM