

MAINDEC-11-D1G

NEW NUMBER = DZMMG

Worst Case Noise Test

ABSTRACT

This test generates the maximum amount of plane noise possible during the execution of memory reference instructions. The noise generated is distributed across the core plane as an algebraic supplement to the normal dynamic noise present on the sense lines during memory read/regenerate operations. Data modification as a result of noise amplitudes is flagged as an error, with the location and contents recorded on the teletype. Provisions have been added to include worst case patterns for interleaved memories.

REQUIREMENTS

PDP-11

STORAGE = 200 = 2671

LOADING = Absolute Loader

EXECUTION TIME = 1 min. = Bell will ring

STARTING PROCEDURE = 200 with automatic test limits  
= 202 with selected test limits

PRINTOUTS = Yes

SWITCH REGISTER OPTIONS = Yes

- SW15 = HALT ON ERROR
- SW13 = INHIBIT PRINTOUT
- SW12 = HALT ON END OF PROGRAM