



BEAVERTON

MAINTENANCE NOTES

549

CRT SOCKET LEAKAGE
APPARENT G-K SHORT

PROBLEM

Leakage across the CRT socket under high humidity conditions can cause loss of intensity control (apparent G-K short) in early 549's. The problem may be due to curing-byproducts in the socket material.

SOLUTION

Chris Curtin (CRT Engineering) says treating the socket with corona dope has solved the problem in all cases encountered so far. The critical leakage paths are from pins 3 (grid) and 4 (Focus) to 5 (Geometry).

If investigation shows no better way to solve the problem in the socket-base area, the CRT and instrument may be modified to remove the Geom. connection from the base to a neck-pin as in other CRT's, and to eliminate pin 5.

Geoff Gass/cmh
Product Technical Information
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