



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.

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Product Technical Information  
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