



Display

Date: **November 9, 1998**

Subject: **10% OVERSCANNING MODIFICATION**

Model: **BVM-20E1U, BVM-20F1U**

Serial No: **ALL**

DESCRIPTION

The specification for adjustable range of the scan size is $\pm 15\%$. However due to insufficient blanking, when signal is overscanned by more than 10%, horizontal fold-over may occur. This appears as faint shadows extending from the edge of the CRT screen.

Follow the procedure below to increase the amount of blanking.

PARTS REQUIRED

| Part No. | Description | Qty. |
|--------------|---------------------------|------|
| 1-249-438-11 | Res, Carbon, 56k Ω | 1 |
| 1-216-081-00 | Res, Chip, 22k Ω | 1 |

MODIFICATION PROCEDURE

1. Remove the E board.
2. Perform either step a or step b on side A:
 - a. Solder a 56k Ω carbon resistor in parallel with R2035 (33k Ω).
 - b. Replace R2035 with a 22k Ω chip resistor.
3. Reinstall the E board.
4. Turn power ON.
5. Input monoscope signal to adjust scan size.
6. Follow instructions in Operation and Maintenance Manual, 1st Edition, Rev. 1, Page 4-3, "H Blanking Adjustment" section to adjust H SIZE, H BLK PHASE, H CENTER, H PHASE and H BLK WIDTH for 4:3 NORMAL, 4:3 UNDER, 16:9 NORMAL, and 16:9 UNDER.

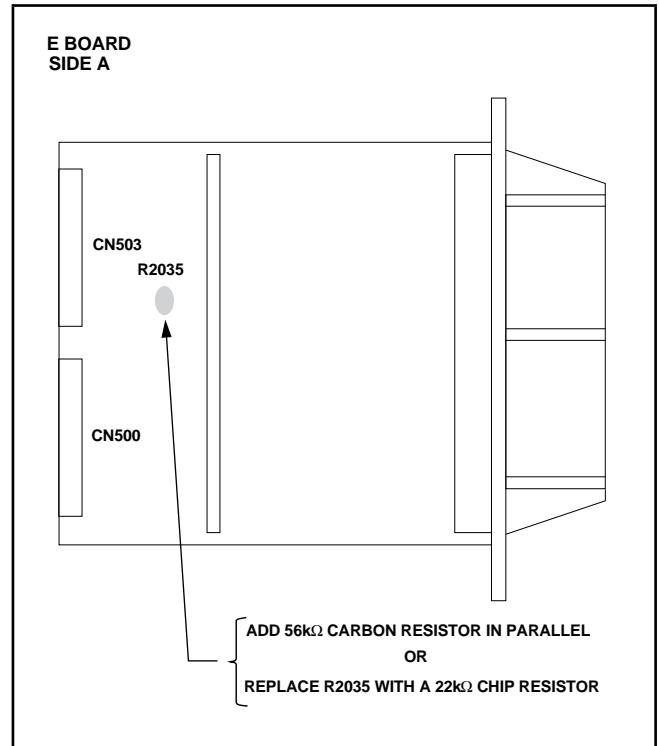


Figure 1