



**Display**

Date: **September 17, 2001**

Subject: **PICTURE DISTORTION**

*Italicized information in green applies to Europe, Middle East and Africa.*

Model: **BVM-14M4DE, BVM-14M4DE/R, BVM-14M4E/R, BVM-20M4DE/R, BVM-20M4E/R, OEV-143, OEV-203, PVM-14M2A, PVM-14M2E, PVM-14M2U, PVM-14M2MDA, PVM-14M2MDE, PVM-14M2MDU, PVM-14M4A, PVM-14M4B, PVM-M4E, PVM-M4U, PVM-20M2E, PVM-20M2U, PVM-20M4A, PVM-20M4E, PVM-20M4U, PVM-20S1WA, PVM-20S1WE, PVM-20S1WU**

Serial No: **SEE TEXT**

**DESCRIPTION**

Electrolytic capacitors may deteriorate in units used continuously in a high temperature environment, resulting in picture distortion. If this occurs, perform the following modification procedure.

**PARTS REQUIRED**

Part No.	Description	Qty.
1-137-952-11	Cap, 4.7 $\mu$ F, 160V, Long Life	1
1-107-491-51	Cap, 1000 $\mu$ F, 25V, 105°C	1

**ORDERING INFORMATION**

**NOTE:** To order upgrades or for regional service center and parts ordering information, refer to the following document, which lists all contact telephone numbers:

**Technical Bulletin 001999000**

**Canadian customers:** Please order parts from your usual supplier.

**MODIFICATION PROCEDURE**

**A Board, Side A**

1. Replace C572 (4.7  $\mu$ F) with a new long life 4.7  $\mu$ F capacitor.
2. Replace C586 (85°C) with a new 105°C capacitor.

**SERIAL NUMBERS**

<i>BVM-14M4DE</i>	<i>UP TO 2,013,010</i>
<i>BVM-14M4DE/R</i>	<i>UP TO 2,110,783</i>
<i>BVM-14M4E/R</i>	<i>UP TO 2,110,389</i>
<i>BVM-20M4DE/R</i>	<i>UP TO 2,110,059</i>
<i>BVM-20M4E/R</i>	<i>UP TO 2,110,235</i>
<i>OEV-143</i>	<i>UP TO A011,904</i>
<i>OEV-143</i>	<i>UP TO A018,809</i> <i>UP TO 1,019,399</i>
<i>OEV-203</i>	<i>UP TO A004,179</i>
<i>OEV-203</i>	<i>UP TO A009,369</i> <i>UP TO 1,009,299</i>
<i>PVM-14M2A</i>	<i>UP TO 2,100,219</i>
<i>PVM-14M2E</i>	<i>UP TO 2,105,273</i>
<i>PVM-14M2U</i>	<i>UP TO 2,105,960</i>
<i>PVM-14M2MDA</i>	<i>UP TO 2,100,024</i>
<i>PVM-14M2MDE</i>	<i>UP TO 2,101,349</i>
<i>PVM-14M2MDU</i>	<i>UP TO 2,101,474</i>
<i>PVM-14M4A</i>	<i>UP TO 2,011,029</i>
<i>PVM-14M4B</i>	<i>UP TO 2,000,098</i>
<i>PVM-14M4E</i>	<i>UP TO 2,020,654</i>
<i>PVM-14M4U</i>	<i>UP TO 2,021,449</i>
<i>PVM-20M2E</i>	<i>UP TO 2,013,899</i>
<i>PVM-20M2U</i>	<i>UP TO 2,014,349</i>
<i>PVM-20M4A</i>	<i>UP TO 2,010,659</i>
<i>PVM-20M4E</i>	<i>UP TO 2,016,310</i>
<i>PVM-20M4U</i>	<i>UP TO 2,017,509</i>
<i>PVM-20S1WA</i>	<i>UP TO 2,000,039</i>
<i>PVM-20S1WE</i>	<i>UP TO 2,010,275</i>
<i>PVM-20S1WU</i>	<i>UP TO 2,010,271</i>