



Display

Broadcast Products Technical Bulletin 20-2004-002

DATE: **January 12, 2004**SUBJECT: **SCREEN FLICKERS WHEN GRAY SIGNAL IS
INPUT**

MODEL: ***BVM-14G1A***
BVM-14G1E
BVM-14G1U
BVM-14G5A
BVM-14G5E
BVM-14G5U

SERIAL NO:

BVM-14G1A 2,000,001–2,000,011
BVM-14G1E 2,000,001–2,001,149
BVM-14G1U 2,000,001–2,000,506
BVM-14G5A 2,000,001–2,000,037
BVM-14G5E 2,000,001–2,001,359
BVM-14G5U 2,000,001–2,000,950

*Italicized information in green applies to
customers outside the United States.*

DESCRIPTION

The screen may flicker when a gray signal with a low level of brightness is input to the monitor.

Symptom Details

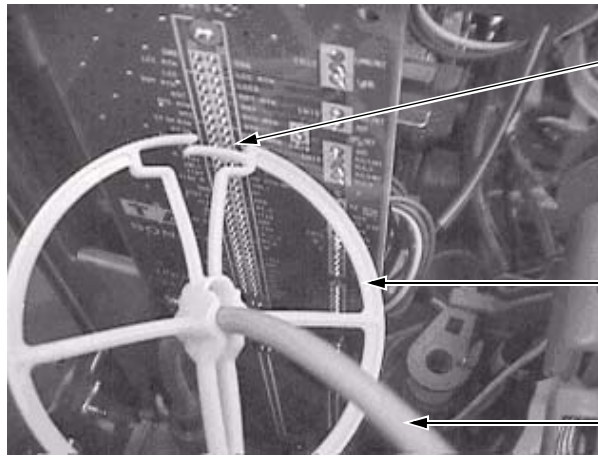
The anode cable leading from the FBT is retained by a ring-shaped HV cable holder. If this holder touches CN15 on the TA (mother) board near the HV return path, current may leak from the anode cable to the TA board through the holder, creating noise in the HV return path and causing the screen to flicker.

NOTE: This symptom may or may not occur, depending on environmental conditions such as room temperature, humidity, and dust levels.

MODIFICATION PROCEDURE

Reposition the HV cable holder as shown in Figure 1.

INCORRECT



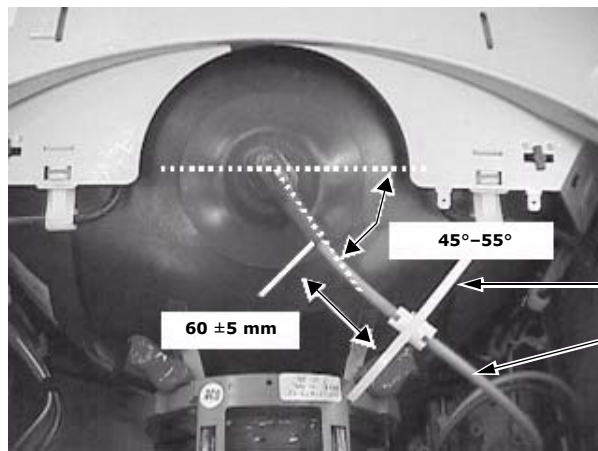
HV CABLE HOLDER TOUCHES
CN2 ON TA BOARD

HV CABLE HOLDER

ANODE CABLE



CORRECT



$45^\circ - 55^\circ$

60 ± 5 mm

HV CABLE HOLDER

ANODE CABLE

Figure 1