



# Broadcast Products

## Technical Bulletin 20-2009-128

DATE: July 20, 2009

SUBJECT: PEDESTAL LEVEL OF TEST SIGNAL UNDULATES  
ON RIGHT AND LEFT SIDES

MODEL: *HDC1000//ULW*  
*HDC1000/LB*  
*HDC1000/LW*  
*HDC1000/LW*  
*HDC1400//UL*  
*HDC1400/L*  
*HDC1450//UF*  
*HDC1450/K*  
*HDC1500//UL*  
*HDC1500/L*  
*HDC1500/L*  
*HDC1550//UF*  
*HDC1550/K*  
*HDC1580/L*  
*HDC1580/T*

### DESCRIPTION

The pedestal level of the analog test signal (TestSaw/3-step) waveform may undulate on the right and left sides. This symptom occurs when a TG-234G board with suffix -23 is used in the CCD block.

**NOTE:** The main signal is not affected during normal operation.

### PARTS REQUIRED

Part No.	Description	Qty.
1-112-746-11	Cap, Chip, Ceramic, 4.7 $\mu$ F/6.3V 1608	1

### ORDERING INFORMATION

SERIAL NO:

*HDC1000//ULW* 400,018 and Higher  
HDC1000/LB 13,105 and Higher  
*HDC1000/LW* 40,027 and Higher  
HDC1000/LW 13,057 and Higher  
*HDC1400//UL* 400,001 and Higher  
HDC1400/L 10,131 and Higher  
*HDC1450//UF* 400,001 and Higher  
HDC1450/K 10,001 and Higher  
*HDC1500//UL* 400,630 and Higher  
*HDC1500/L* 40,121 and Higher  
HDC1500/L 13,425 and Higher  
*HDC1550//UF* 410,195 and Higher  
HDC1550/K 11,064 and Higher  
*HDC1580/L* 51,084 and Higher  
*HDC1580/T* 51,089 and Higher

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

To order parts online, go to: <http://www.sony.com/servicesplus>.  
For service or parts ordering assistance, refer to the following document, which lists all contact telephone numbers:

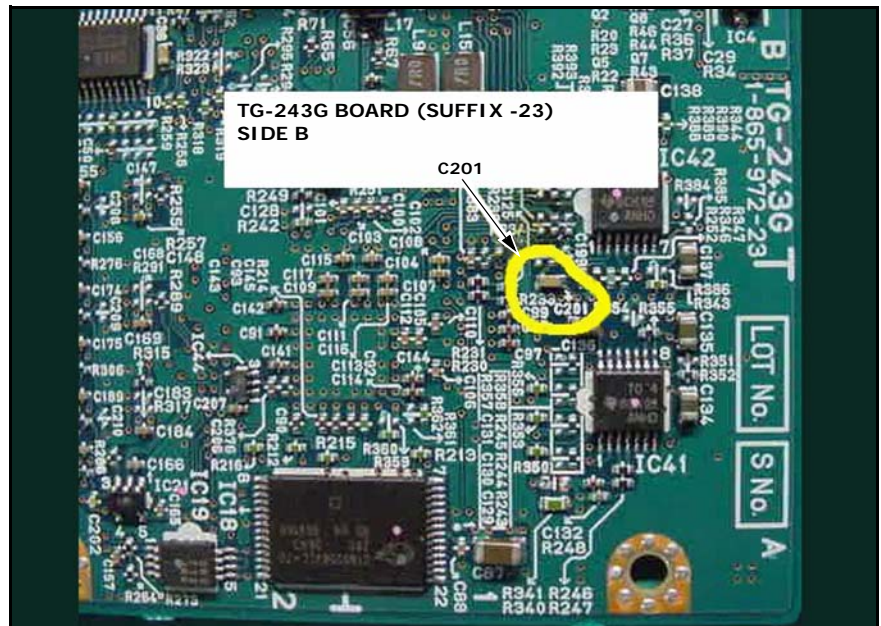
Technical Bulletin 00-1999-000

### MODIFICATION PROCEDURE

#### TG-243 Board (Side B)

1. Remove the TG-243 board as described in the service manual, volume 1, section 2-2, "Replacement of CCD Unit Boards."
2. Replace C201 with a new 4.7  $\mu$ F capacitor. (See Figure 1.)
3. Reinstall the TG-243 board and CCD unit.

HDVM08-045



## CONFIRMATION

Turn power ON, and confirm that the TestSaw waveform appears normally. (See Figure 2.)

