

# COMPANY CONFIDENTIAL

53/54C  
CA

## 53/54C - CA CAL OUTLINE

1. Check for Cathode Interface, Micro, Intermittents, Grid I (2mm max), etc.
2. Set DC Balance
3. Vertical Position Range  
3 cm max trace separation with position controls at 12 o'clock.
4. Check Alternate, Chopped (100 kHz  $\pm$  30%), and Chopped Blanking for proper operation.
5. Check Norm/Invert Shift (CA only) 1 cm max
6. Adjust Gain and Check Attenuators  $\pm$  30%
7. Check AC-DC switches for operation and input caps for leakage
8. Check added mode

Use 2 cm each channel at .05 v/cm. Check 4 cm  $\pm$  30%. Check less than 1 cm deflection with 1 volt applied and one channel inverted (CMR 20:1)

- REMOVE FROM ADDED - USE NORMAL POLARITY*
9. Adjust Attenuator Compensation -- 20pf
  10. Adjust HF Compensations
  11. Check Bandpass -- 24mHz min
  12. Final DC Balance Adjustment

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## 331340 - CA CAL OUTLINE

1. Check for Kathode Interface, Micro, Interlocks, Grid 1 (Xmax max), etc.
2. Set DC Balance
3. Vertical Position Range
- 3 cm max trace separation with position controls at 12 o'clock.
4. Check Attenuator, Chopped (100 kHz - 100), and Chopped Blanking for proper operation.
5. Check Norm/Invert Shift (CA only) 1 cm max
6. Adjust Gain and Check Attenuator - 20X
7. Check AG-DC switches for operation and input caps for leakage
8. Check added mode
- Use 2 cm each channel at 0.5 V/cm. Check 4 cm - 20X. Check less than 1 cm deflection with 1 volt applied and one channel inverted (CMR 20:1)
9. Adjust Attenuator Compensation -- 20X
10. Adjust H Compensation
11. Check Bandpass -- 24mhz min
12. Final DC Balance Adjustment

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