

10A2 10A2A Calibration Outline

1. Variable Attenuator Balance (Front Panel)
2. I_b Adjust for no Variable Attenuator Foldover
3. Invert Balance
4. I_g Zero
5. Common Mode Current Adjust

(TP453 W/ XLO Probe.)

Mode	Adjust	For
Ch. 2	CM I Ch 2	0 Volts
Added	CM I Ch 1	0 Volts
Ch. 1	Main Amp I	0 Volts

(Interaction)

6. Main Amp Diff Bal.

Center trace with Ch. 2 position,
Switch to Added & center trace with
Ch. 1 position, switch to Ch. 1 &
center trace with Main Amp Diff Bal
(Interaction)

7. Norm Trig DC Balance

Time Base in DC Mode, with Trigger Level
dot under 0. Adjust for sweep at center
of graticule.

8. Gain Range

Center front panel gain pots & adjust
Gain Range at 10mv/cm for 5cm display.
Check var v/cm and step attenuators p/m 2%

9. Ch. 2 Out DC Level

Adjust for 0 Volts (Front Panel Output)

- 10..Check Added Mode

11. Attenuator Compensations (2.5kc--20pf)

12. Ch. 2 Sig Out Gain Check

10mv cal sig to Ch. 2 at 10mv/cm
Ch. 2 Output to Ch. 1 at 50mv/cm AC coupled.
Check for 2cm display or better.

13. Check Chopped & Alternate Operations (Chopped Mode always blanked)

14. High Frequency Response

15. Bandpass 647--50mc 647A--100mc

16. Recheck Steps 1, 2, & 3

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DEPARTMENT OF THE ARMY

OFFICE OF THE ADJUTANT GENERAL

WASHINGTON, D. C.

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