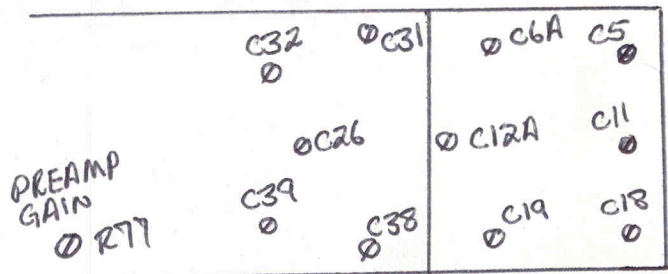


1A4 Calibration Outline

1. Adj -15V Supply (R610) -15V  $\pm$ .3V, 2mv ripple. *EXTENDER*
2. Check +12.1V Supply +12.1V  $\pm$ .24V, 2mv ripple.
3. Var. Bal. (R60) No trace shift as Var. is rotated.
4. Check Alternate & Chopped
5. Check 547 Trace Slaving Ch. 1 & 2 locked to A Sweep  
Ch. 3 & 4 locked to B Sweep
6. Check Identify Buttons 2 to 5mm trace shift.
7. Output DC Level (R360) 67 $\frac{1}{2}$ v at pins AH or AL.
8. Gain (R379 Front Panel) Set to midrange.
9. Preamp Gain (R77) Set at .01v/cm. Use added mode & invert one channel at a time to match gain of all channels.
10. Check Attenuators  $\pm$ 3%
11. Check AC-DC Switch Check input caps for leakage.
12. Final Var. Bal. (R60)
13. Norm-Invert Shift  $\pm$ 1cm max. Var. Bal. must be correct
14. Trigger DC Bal. (R55, R56, R57, R58) No trace shift when swithing from a non-displayed to a displayed channel with the Trigger Source switch. Max shift 2mm.
15. Check Signal Out Gain At least .5v/cm of displayed sig.
16. Trig. Amp. HF Response (C117, C137, C147) 100kc to ch. 1 at .01v/cm & probe signal out.
17. Signal Out Band Pass 10mc.
18. Input C & Atten. Compensations 20pf & 1kc from 106.

V/CM	Sq. Corner	Flat Top
.01	---	C26
.02	C32	C31
.05	C39	C38
.1	C6A	C5
1	C12A	C11
10	C19A	C18



19. HF Compensations (C395, R395, C396, R396, C397, R397) Aberrations  $\pm$ 4%
20. Bandpass 50mc all channels.