

CALIBRATION RECORD

Tektronix Type 524 D Serial No. 1465

1. Adjust to -150V regulation (105-125V).
2. 121 Value at 120V regulation.
3. 227 Value at 225V regulation.
4. 448 Value at 450V regulation.
5. Adjust to -1500V regulation.
6. Adjust SWP. AMP CURRENT (setting X-plates to same voltage as Y-plates).
7. Set CURRENT ADJ. on VERTICAL AMP CHASSIS (37.5V).
8. Clamp CRT.
9. Adjust VARIABLE ATTEN. BAL.
10. V11, check for absence of grid current.
11. Set CAL. ADJ. to 50V and check ranges.
12. Adjust vertical gain (main amp) (pre-amp).
13. Adjust attenuator and probe.
14. Set L. F. ADJ.
15. Check atten. coverage atten. ratio.
16. 5 Millivolts; sensitivity of trigger.
17. Adjust distributed amp. adjust H. F. compensations.
18. Adjust delay line.
19. Adjust pre-amp H. F. compensations.
20. 2.2 DB down at 10 mc, main amp. only.
21. 3 DB down at 10 mc, including pre-amp.
22. Check FLAT ; EXT. ; IRE response.
23. .04 μ sec. (Rise time).
24. Adjust time markers.
25. Adjust L. F. SWEEP TIME; adjust H. F. SWEEP TIME ($\pm 5\%$).
26. Adjust MAGNIFIER; MAG. POS., check 10 mc sync.
27. Check INT 60 CYCLE SWEEP PHASE.
28. Check SWEEP DELAY; check FIELD SHIFT.
29. Check LINE-INDICATING VIDEO OUTPUT.
30. Set PROBE POWER HUM BAL.

Calibration Engineer Frank Burton

Date March 26, 1958

Quality Control Engineer R.E. Johnson

Date 4-9-58