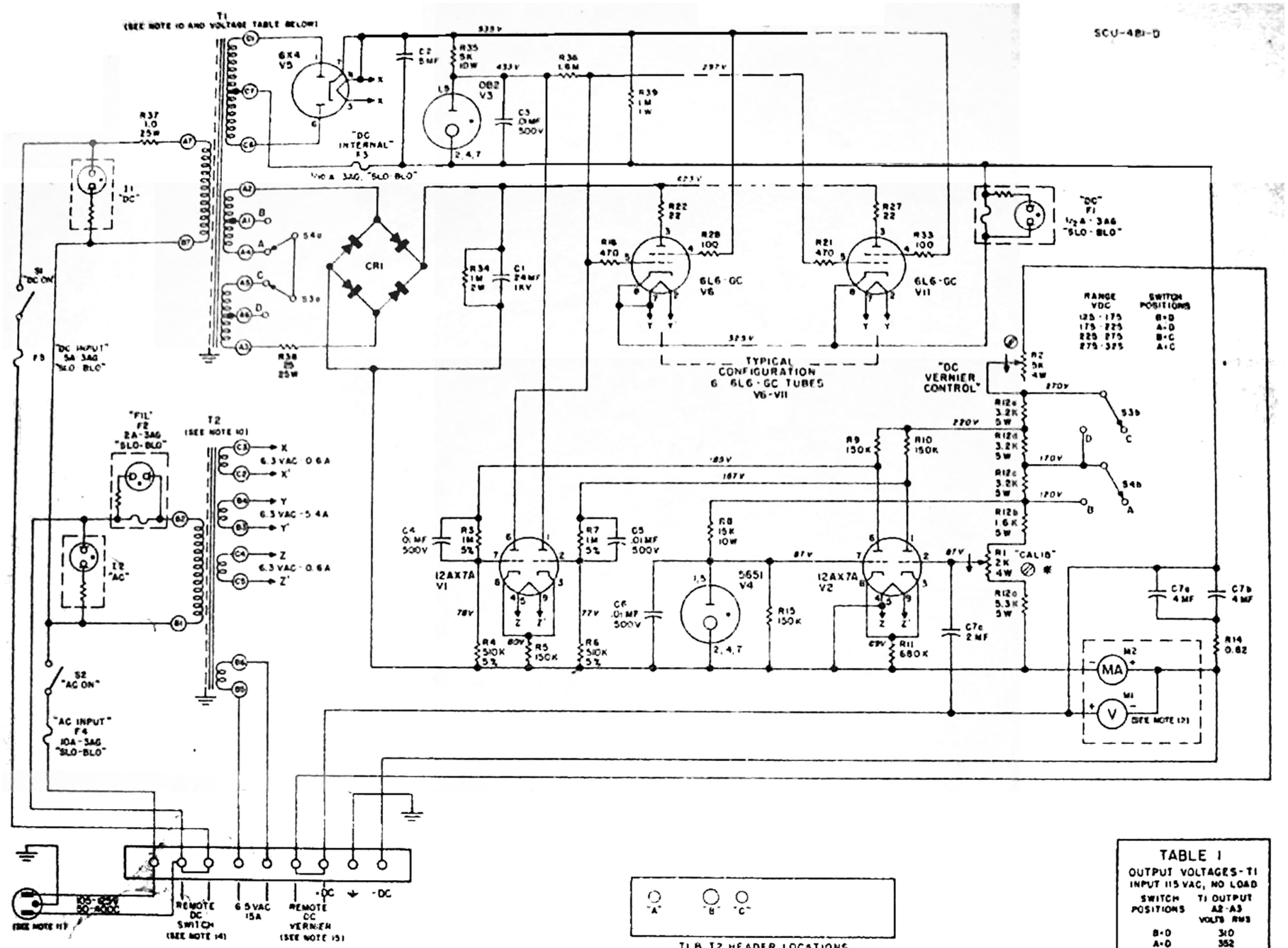
SCU-481-D



T1 & T2 HEADER LOCATIONS
(CHASSIS REAR VIEW)

TABLE 1
OUTPUT VOLTAGES - T1
INPUT 115 VAC, NO LOAD

SWITCH POSITIONS	T1 OUTPUT A2-A3 VOLTS RMS
B+D	310
A+D	352
B+C	398
A+C	445
	C1-C7-C8
ANY	181-0-181

NOTES

1. WATTAGE RATING OF RESISTORS, 1/2 W, UNLESS OTHERWISE NOTED.
2. TOLERANCE OF RESISTORS: COMPOSITION ±10%, WIREWOUND ±5%, UNLESS OTHERWISE NOTED.
3. CAPACITORS RATED AT 600VDC WORKING, UNLESS OTHERWISE NOTED
4. TOLERANCE OF CAPACITORS: SINGLE SECTION ±10%, MULTIPLE SECTION -10%, +20%.
5. ↻ INDICATES CLOCKWISE ROTATION OF SHAFTS.
6. ⏚ INDICATES CONNECTION TO CHASSIS.
7. ⊘ INDICATES SCREWDRIVER SLOT.
8. • INDICATES FACTORY ADJUSTMENT. SEE INSTRUCTION MANUAL
9. ⊖ INDICATES TRANSFORMER TERMINAL
10. T1, T2 ARE PART OF HERMETICALLY SEALED ASSEMBLY LAMBDA PART NO. AAR-44-060.
11. UNITS BEARING SERIAL NO. PREFIX "A" USE 2 WIRE
12. UNITS BEARING SERIAL NO PREFIX "A" & "B" USE EXTERNAL 350K VOLTMETER MULTIPLIER
13. SWITCHES S3a,b, S4a,b ARE DPDT TOGGLE SWITCHES
14. TO USE "REMOTE DC SWITCH" REMOVE JUMPER, CONNECT SWITCH BETWEEN TERMINALS.
15. TO USE "REMOTE DC VERNIER" TURN R2 MAXIMUM COUNTER CLOCK WISE, REMOVE JUMPER, CONNECT WIREWOUND POTENTIOMETER (5000 OHM, 4 WATT) BETWEEN TERMINALS.

CONDITIONS OF VOLTAGE MEASUREMENT

A. INPUT 115 VAC, 60 CPS.
B. OUTPUT VOLTAGE 325 VDC
C. OUTPUT CURRENT ZERO MA
D. INDICATED VOLTAGES ARE TYPICAL VALUES, AND ARE DC UNLESS OTHERWISE NOTED.
E. MEASUREMENTS MADE USING 20,000 OHMS/VOLT METER BETWEEN "-DC" TERMINAL AND INDICATED POINTS, UNLESS OTHERWISE NOTED.

THIS SCHEMATIC APPLIES TO UNITS BEARING SERIAL NO. PREFIXES A THRU C

SCHEMATIC DIAGRAM
REGULATED POWER SUPPLY
MODEL C-481, C-481M
METERS INCLUDED IN "M" MODELS ONLY

LAMBDA
ELECTRONICS CORP
MELVILLE, L.I., NEW YORK