DVM (+0.3) (+0.7) volts

DVM (+0.75) (+1.2) volts

PREPARED BY

3.J. Rumberger

,9:27

PAGE

APPROVED BY

J.D. Campbell

4.1 Test ON

\*4.2 P627 max. CW

\*Change: or Addition

SV-100 (3-75)

DPC/AWE - 8/23/77

4.12 RS2 (2)

4.1.7	est on DUW +,3	QSE # 2174 REV # 355
4.2	5 (27 mox CM DUM	+.75 >+1Z
Test (Cont'd.)	en de la companya de	
4.3 "Bias" max. CW	DVM (-0.3) (-0.7) volts  DVM (-0.75) (-1.2) volts	
4.5 S6 DN	DVM (-1.7) (-2.7) volts	- 1/ - 1F-13
4.6 S7 DN	DVM (-9.0) (-13.0) volts —	CX R6:
4.7 S6 DP S7 UE "GAIN" max CW	The (10 030) walts	
Adjust "BIAS" for  4.8 SI DS  Adjust V2 for	DVM (+0.030) volts DVM (+4.9) (+5.1) volts	
4.9 <b>53/m</b>	DVM change $\langle (\pm 0.5) \rangle$ volts	
4.10 84 DN 4.11 S5 DN	DVM change ( (+0.5) volts	
4 12 RS2 (2)		<b>.</b>

DVM (+5.3) (+7.3) volts

DVM (+1.3) (+3.3) volts.

RX627 (NC Light) ON

DVM (-1.3) (-3.3) volts

4:20 If card passes all above tests, place acceptance stamps on card.

18 2. a.

V2. max. CCW RX626 (NC light) ON

1.12 Adjust V2 CW mtil PY626 (NO Light) ON DVM (+5.3) (+7.3) voit

4.17 Adjust V2 CCW until RX627 (NO light) ON DVM (-5.3) (-7.3) volts

4.18 Adjust V2 CW until RX627 (NC light) ON

4.14 Adjust V2 CCW until RX626 (NC Light) ON

IF G02 Go to 4.16.

4.15 If GO1, Go to 4.20

4.16 RS2 (3) V2 max. CW

ang arg off. 4.19 Go to 4.20.

## Scope of Test

5.1 Step 4.1 monitors tab 2 with tab 10 and 2 connected for feedback but with no input voltage (tab 9). All pots CCW.

- 5.2 Step 4.2 monitors tab 2 with tab 70 and 2 connected for feedback but with no input voltage (tab 9). "Gain", "P628", and "Bias" CCW; P627 CW.
- 5.3 Step 4.3 monitors tab 2 with tab 10 and 2 connected for feedback but with no input voltage (tab 9). "Gain", and "P628" CCW; "P627" and "Bias" CW.
- 5.4 Step 4.4 monitors tab 2 with tab 10 and 2 connected for feedback but with no input voltage (tab 9). "Gain" CCW; "P627", "P628", and "Bias" CW.
- 5.5 Step 4.5 monitors tab 2 with tab 10 and 2 connected for feedback but with no input voltage (tab 9). Tab 29 and 31 are shorted together. "Gain" CCW; "P627" 19628", and "Bias" CW.
- 5.6 Step 4.6 monitors tab 2 with tab 10 and 2 connected for feedback but with no input voltage (tab 9). Tabs 28, 29 and 31 are shorted together. "Gain" CCW, "P627", "P628", and "Bias" CW.
- 5.7 Step 4.7 removes shorts between tabs 28 and 29, also between tab 29 and 31; monitors tab 2 with tab 10 and2 connected for feedback but with no input voltage (tab 9); all pots CW; adjusts "Bias" pot until tab 2 reads zero.
- 5.8 Step 4.8 monitors tab 2 with tab 10 and 2 connected for feedback; "Gain", "P628" and "P627" CW. "Bias" set for zero output with zero input: applies a negative voltage to tab 9 until tab 2 reads +5V.
- 5.9 Step 4.9 shorts tab 8 to 9 also tab 5 to 10 and monitors effect on step 4.8.
- 5.10 Step 4.10 shorts tab 8 to 11 also tab 5 to 6 and monitors effect on step 4.9.
- 5.11 Step 4:11 shorts tab 11 to 12 also tab 6 to 7 and monitors effect on step 4.10.
  - 5.12 Step 4.12 connects DVM to tab 14; applies V2 to tab 9 (tabs 8, 11 and 12 shorted; tabs 5, 6, and 7 shorted); tab 16 is connected to +20V thru a 100 ohm resistor (tab 19 commoned); the "NC" light ties tab 17 and 20 together; the "NO" light ties tabs 15 and 18 together; the "NC" light should be on since the relay is not picked up. Tabs 2 and 10 shorted.
  - 5.13 Step 4.13 applies V2 to tab 9 until relay picks up and monitors voltage at tab 14 (conditions same as step 5.12).
  - 5.14 Step 4.14 reduces V2 to tab 9 until relay drops out (after being picked up in step 5.13) and monitors voltage at tab 14 (conditions same as step 5.12).
  - 5.15 Step 4.16 connects DVM to tab 21; Applies V2 to tab 9 (tabs 8, 11 and 12 shorted; tabs 5, 6 and 7 shorted); tab 23 is connected to +20V thru a 100 ohm resistor (tab 26 commoned); the "NC" light ties tabs 22 and 25 together; the "NO" light ties tabs 24 and 27 together; the "NC" light should be on since the relay is not picked up. Tabs 2 and 10 shorted.

100-7/4007

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## Scope of Test (Cont'd.)

- 5.16 Step 4.17 applies V2 to tab 9 until relay picks up and monitors voltage at tab 31 (conditions same as step 5.15).
- 5.17 Step 4.18 reduces V2 to tab 9 until relay drops out (after being picked up in step 5.15) and monitors voltage at tab 21 (conditions same as step 5.15).

