

- (F) PROBE TP-5, AND REPEAT LAST PROCEDURE FOR BUSS B.
- (G) PROBE TP-8, WITH TAP 6 IN BUSS A AND INPUT SWITCH IN THE EFFECT IN POSITION TURN MIX A END TO END AND CHECK FOR A SLIGHT PHASE CANCELLATION AT THE 12 O'CLOCK POSITION.
- (H) PROBE TP-9 AND REPEAT LAST PROCEDURE FOR BUSS B.

5. REGENERATION

- (A) PROBE TP-11, SET REGENERATION SWITCH TO THE IN POSITION AND TURN REGENERATION LEVEL CW. SET REGENERATION TAP SWITCH TO 6 AND ADJUST T-20 TO NEAR OSCILLATION.
- (B) SET REGENERATION SWITCH TO THE OUT POSITION. NO SIGNAL SHOULD BE PRESENT.

6. FILTERS

- (A) PULL U-2 AND INJECT A 10 KHz SIGNAL (LOGARITHMIC) WITH TRIGGERED SWEEP @ 10ms SWEEP TIME AT TP-2. PROBE TP-3 (WITH 10ms TIME/DIV ON SCOPE) AND CHECK FOR -3dB CORNER FREQ. @ 13.8 KHz +/- 5%.
- (B) INJECT SWEEP AT LEFT SIDE OF R-46, PROBE TP-4 AND SWITCH TAP 6 TO BUSS A. CHECK FOR -3dB CORNER FREQ. @ 13.8 KHz.
- (C) PROBE TP-5, SWITCH TAP 6 TO BUSS B AND CHECK FOR -3dB CORNER FREQ. @ 13.8 KHz.

7. PREAMP (STUDIO VERSION)

- (A) SHORT PINS 2 AND 3 OF J-1. INJECT A 1 KHz SIGNAL ON SHORTED PINS AND PROBE PIN 7 OF U-1. USING MAXIMUM SENSITIVITY ON SCOPE ADJUST T-1 (CMRR TRIM) FOR MAXIMUM COMMON MODE REJECTION.

8. PREAMP (INSTRUMENT VERSION)

- (A) INJECT A 1 KHz SIGNAL TO J8 (INPUT JACK), WITH SW-1 IN THE HIGH IMPEDANCE POSITION, PROBE PIN 6 OF U-2. INCREASE SIGNAL UNTIL CLIPPING OCCURS AND ADJUST T-2 (BIAS TRIM) FOR SYMMETRICAL CLIPPING.

