

13) VERIFY THAT TURNING "LO RESONANCE" CONTROL CW CAUSES 100Hz TO INCREASE. THEN VERIFY THAT TURNING THE "HI BALLANCE" CONTROL CCW CAUSES THE HIGH FREQUENCIES TO DISSAPEAR MORE AND MORE.

14) PUSH "CABINET BYPASS" BUTTON IN AND TURN "OUTPUT LEVEL" CONTROL UNTIL "OUTPUT CLIP" LED JUST LIGHTS UP. VERIFY THAT SIGNAL IS NOT YET CLIPPING AND THAT LEVEL IS ABOUT 20V PK-PK. RETURN "OUTPUT LEVEL " TO STARTING POSITION.

15) SET SIGNAL GENERATOR AND SCOPE TO DISPLAY 2Khz SIGNAL, KEEPING 600mV INPUT LEVEL.

16) TURN "DRIVE LEVEL" TO MAX CW AND VERIFY THAT TOP AND BOTTOM OF WAVEFORM START TO FLATTEN OUT. NOW TURN "DRIVE LEVEL" CCW AGAIN UNTIL THE TOP AND BOTTOM OF WAVEFORM IS ONLY A LITTLE FLATTENED. AT THIS TIME VERIFY THAT TURNING THE "TUBE MATCHING" CONTROL CW AND CCW CAUSES FIRST THE BOTTOM THEN THE TOP PART OF THE WAVE TO BE MORE FLATTENED. PUT "TUBE MATCHING" CONTROL BACK TO 12 O' CLOCK.

17) CHECK PINS 2 AND 3 OF XLR CONNECTOR WITH SCOPE PROBE AND VERIFY THAT SIGNAL LEVEL IS 10V PK-PK ON EACH PIN WHEN "LINE\MIC" BUTTON IS IN "LINE" POSITION. PUSH "LINE\MIC" BUTTON TO "MIC" POSITION AND VERIFY THAT LEVEL IS NOW 1V PK-PK.

18) WITH SCOPE PROBE ON XLR PIN 2, USE CLIPLEAD TO CONNECT PIN 1 AND PIN 2 TOGETHER AND SEE THAT THERE SHOULD BE A SMALL SIGNAL PRESENT ONLY WHEN THE "PUSH TO CONNECT PIN 1 TO GROUND" BUTTON IS OUT. THIS SIGNAL SHOULD DISSAPEAR WHEN BUTTON IS IN.

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