

T.P.	NO SIGNAL	40VRMS OUT @ 8 OHMS	LIMITING @ 8 OHMS	AS NOTED	WAVEFORM
* 1		0.68Vrms	0.79Vrms		~
* 2		0.68Vrms	0.79Vrms		~
3	+/-20mVdc	1.5V	1.5V		~
4	+/-1Vdc	2.6Vdc	2.6Vdc		AS SHOWN PER COLUMN
5	+7mVdc	1.9mV	2.7mV		
6	+5Vdc	+4.82Vdc	+4.82Vdc		
7	-5Vdc	-5.12Vdc	-5.12Vdc		
8	0V	+43.6mVdc	+74mVdc		~

BIAS ADJUSTMENT: WITH NO SIGNAL AND NO LOAD
ADJUST AP101 TO OBTAIN AN AVERAGE OF 25 ± 5mV ACROSS R139, 140
R146, 147, 152, 153, 158,159, 164, 165.
ADJUST AP201 TO OBTAIN AN AVERAGE OF 25 ± 5mV ACROSS R239, 240
R246, 247, 252, 253, 258 ,259, 264, 265.

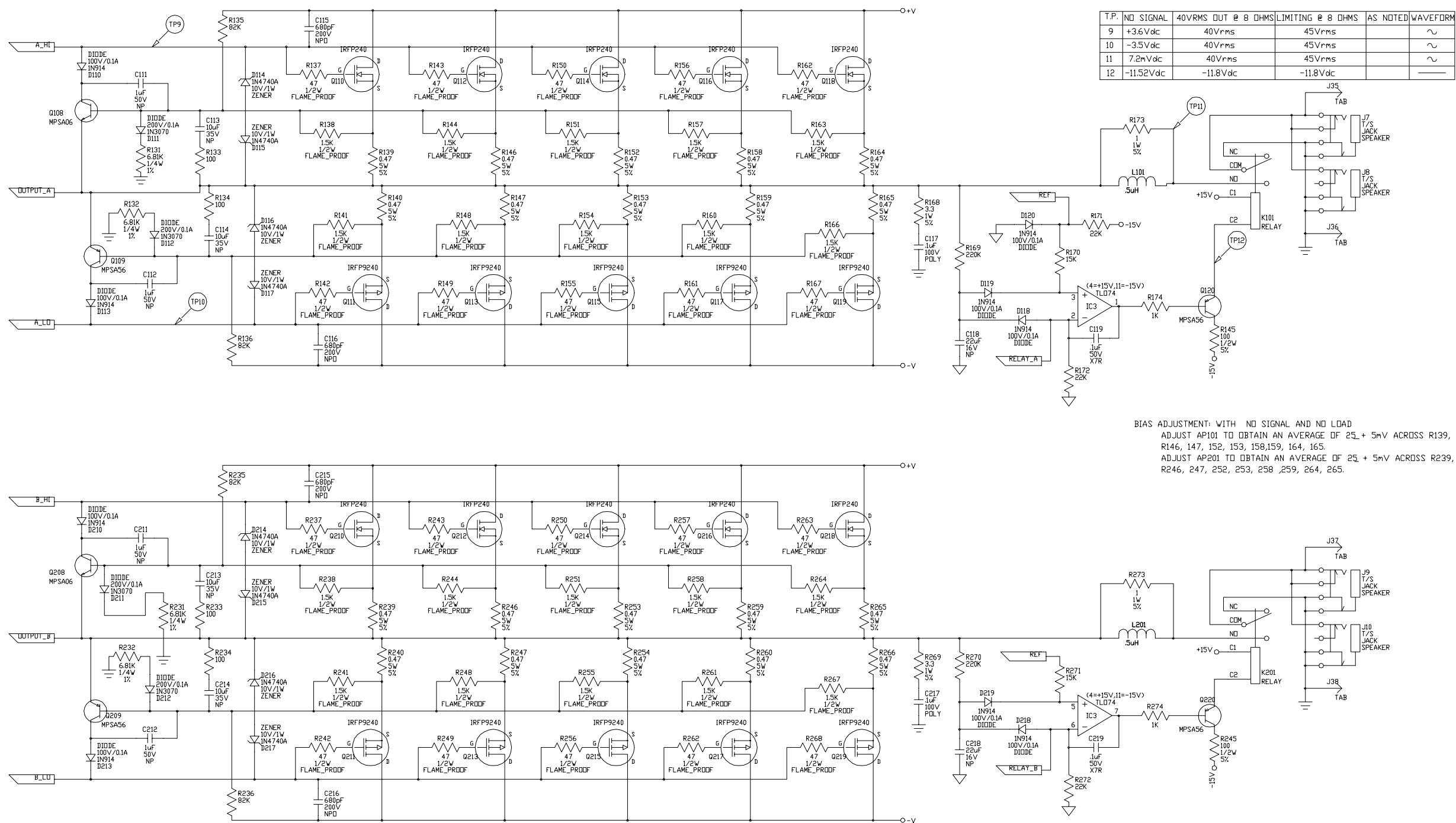
- NOTES
- 1) CAUTION: SHOCK HAZARD!!
THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
 - 2) UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5% TOL.
CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
 - 3) VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
 - 4) CHASSIS GROUND --- SIGNAL GROUND --- CIRCUIT GROUND ---

CAUTION:
THIS SCHEMATIC IS PROVIDED FOR USE BY QUALIFIED PERSONNEL. TO AVOID RISK OF ELECTRICAL SHOCK, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DO NOT PERFORM ANY SERVICING BEYOND THAT IN THE OPERATING INSTRUCTIONS.

DESIGNATOR'S LAST USED	NOT USED
CH 1, CH 2 R275, Q220	D219, C219 D220, R271
IC5, R36, D28, C40 J41	J31, J32 C36, R26 D5-7, D17

THIS DRAWING REPRESENTS ASSY 07-428-01 & -02
THIS DRAWING SUPERCEDES 07S428-01

0	9/29/99	CONTROL ISSUE		REM	
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'D BY:
THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.					
SIGNATURES:		DATE:		11880 Borman Dr. St. Louis, Missouri 63146	
REM		9-26-96		SVT-4 PRO	
CHK'D:		FIRST USED ON:		PWR AMP SCH	
RLS'D:		DRAWING TITLE:		DRAWING NO:	
TOLERANCES:		DRAWING SIZE: D		07S428-XX	
DRAWING TYPE:		CLASS CODE:			
SCALE: NONE		SHEET: 1 OF 3			

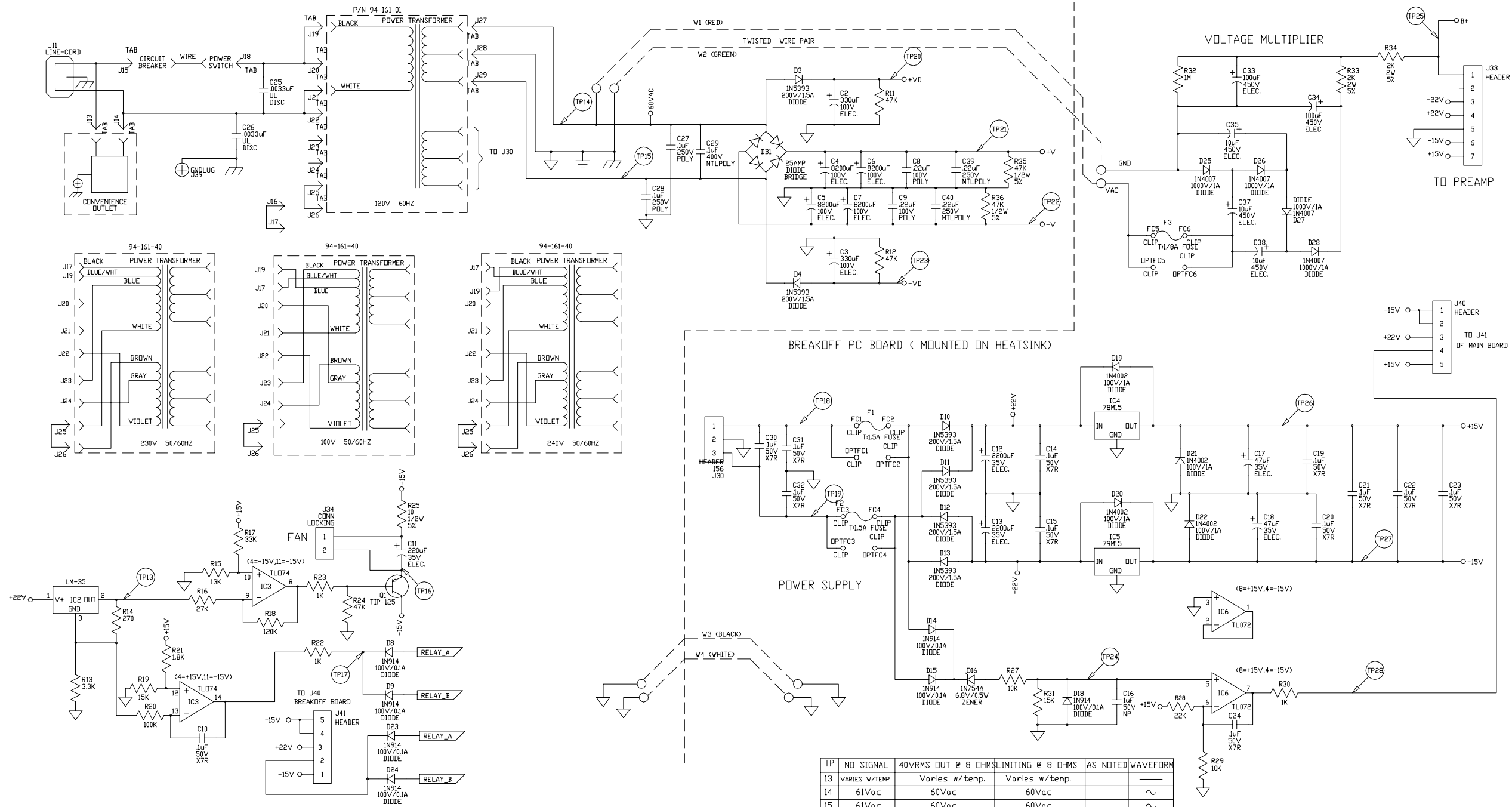


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- 4) CHASSIS GROUND ↕ SIGNAL GROUND ↕ CIRCUIT GROUND ±

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0	SEE SHT 1 FOR REV HISTORY				
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'D BY: DATE:
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CHK'D:				PWR AMP SCH	
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TOLERANCES:	DRAWING SIZE: D		DRAWING TITLE:		
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	CLASS CODE:		07S428-XX		
	SCALE: NONE		SHEET: 2 OF 3		



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- VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
- CHASSIS GROUND --- SIGNAL GROUND --- CIRCUIT GROUND ---
- 94-161-30 DID NOT HAVE EXTRA BLU/WHT PRIMARY XFMR LEAD.

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TP	NO SIGNAL	40VRMS OUT @ 8 OHMS	LIMITING @ 8 OHMS	AS NOTED	WAVEFORM
13	VARIES W/TEMP	Varies w/temp.	Varies w/temp.		
14	61Vac	60Vac	60Vac		
15	61Vac	60Vac	60Vac		
16	+14Vdc	-4.6Vdc	-4.6Vdc		
17	+14.4Vdc	+14.4Vdc	+14.4Vdc		
18	20Vac	19Vac	19Vac		
19	20Vac	19Vac	19Vac		
20	+82Vdc	+76.3Vdc	+76.3Vdc		
21	+83Vdc	+76Vdc	+76Vdc		
22	-83Vdc	-76Vdc	-76Vdc		
23	-82Vdc	-76.3Vdc	-76.3Vdc		
24	+6Vdc	+5.73Vdc	+5.73Vdc		
25	+288Vdc	+267.7Vdc	+266Vdc		
26	+15Vdc	+15Vdc	+15Vdc		
27	-15Vdc	-15Vdc	-15Vdc		
28	+14.3Vdc	+14.3Vdc	+14.3Vdc		

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		SHEET: 3 OF 3			

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