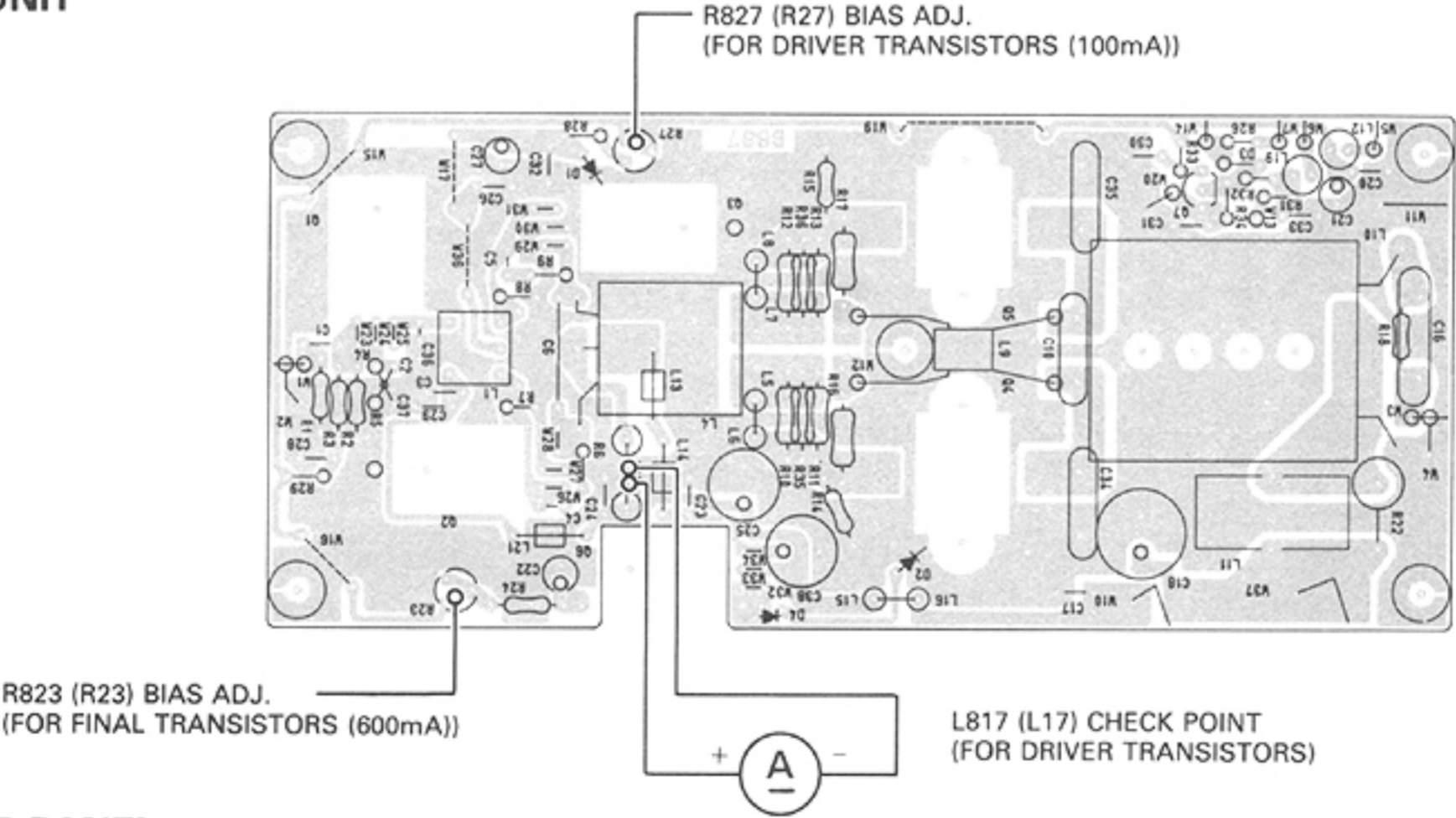


9 - 4 TRANSMITTER ADJUSTMENT

INSTRUMENTS REQUIRED				CONNECTIONS		
<div>(1) VOLTAGE REGULATED POWER SUPPLY : OUTPUT VOLTAGE DC 13.6V ± 15% : CURRENT CAPACITY 30A (2) POWER METER (TERMINATED TYPE) : MEASURING RANGE 20 ~ 200W : FREQUENCY RANGE 1.6 ~ 25MHz : IMPEDANCE 50Ω : SWR 1.1 or better (3) AF GENERATOR (AG) : FREQUENCY RANGE 200 ~ 3000Hz : OUTPUT LEVEL 0 ~ 300mV (4) AC MILLIVOLTMETER : MEASURING RANGE 10mV ~ 3V</div>						
Adjustment	Adjustment conditions	Unit	Measurement location	Adjustment value	Unit	Adjustment point
BIAS VOLTAGE	1. • Display frequency: 22MHz • MODE: A3J • R391 (MAIN unit): Fully counterclockwise Set in TRANSMIT mode.	PA	Desolder at the center at L817 (CP801) with 6 bead cores, and connect a DC ammeter there in series.	100mA	PA	R827
(a) For driver transistors						
(b) For final transistors	2.	Rear chassis	Desolder at CP871 (an intersection of R871 and R872) at W837, and connect a DC ammeter there in series.	600mA		R823
Note: After adjustments of 1. and 2. set R391 of MAIN unit and measurment locations in original conditions.						

PA UNIT



REAR PANEL

