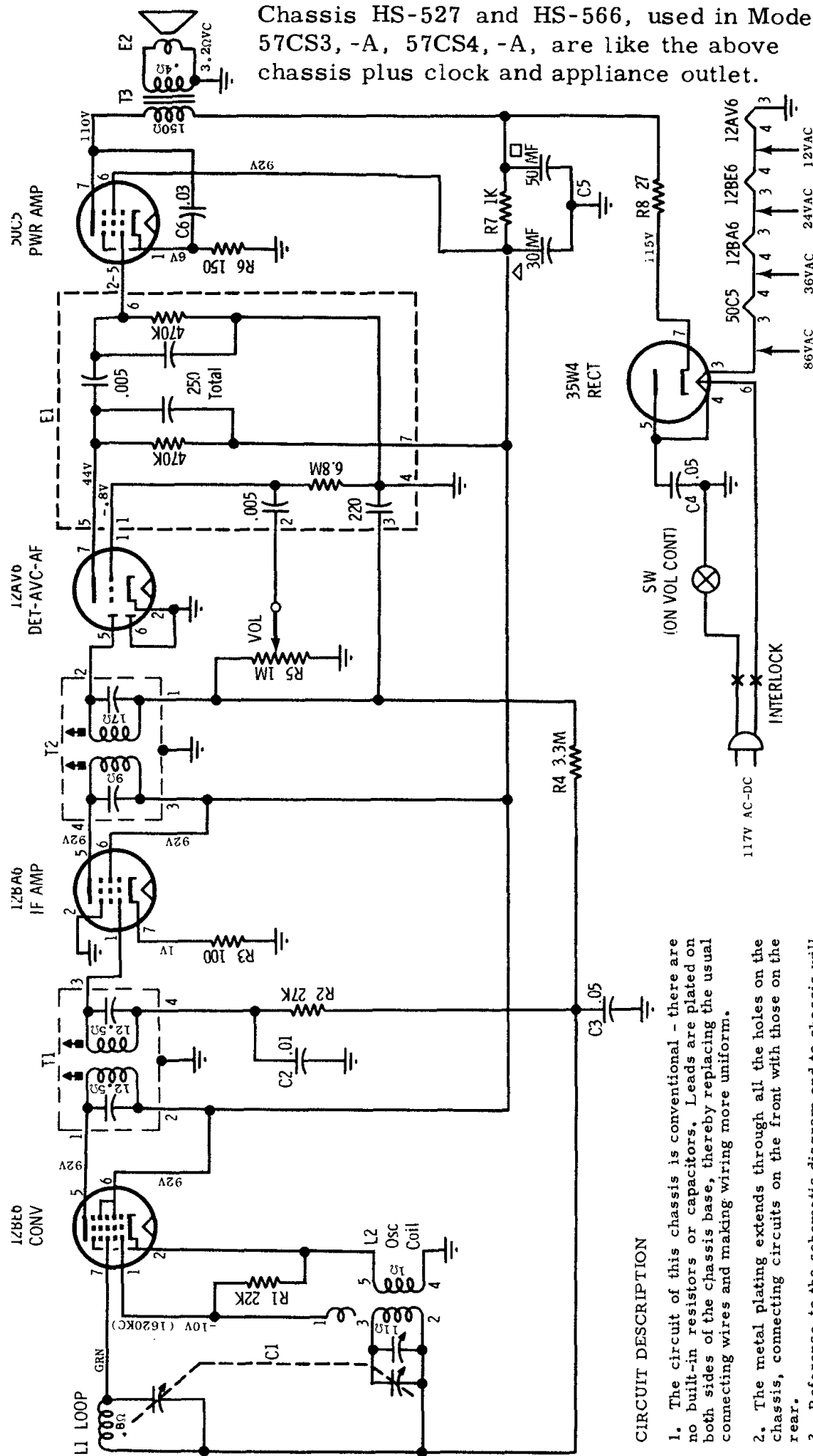


Chassis HS-527 and HS-566, used in Models 57CS1, -A, 57CS2, -A, 57CS3, -A, 57CS4, -A, are like the above chassis plus clock and appliance outlet.

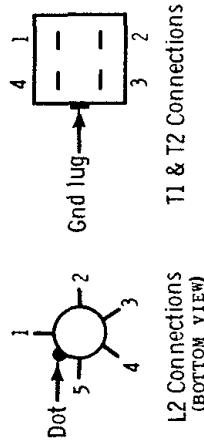


## CIRCUIT DESCRIPTION

1. The circuit of this chassis is conventional - there are no built-in resistors or capacitors. Leads are plated on both sides of the chassis base, thereby replacing the usual connecting wires and making wiring more uniform.
2. The metal plating extends through all the holes on the chassis, connecting circuits on the front with those on the rear.
3. Reference to the schematic diagram and to chassis will permit the circuit to be traced easily.

Capacitors - Decimal values in MF, all others in MMF unless otherwise specified.

Voltages - Measured from point indicated to ground with a VTVM. No signal input.



## ALIGNMENT

Use an isolation transformer between the power line and the receiver. If not available, connect low side of generator to B- through a .1 mf capacitor. Connect a low range output meter across speaker voice coil and set volume control to maximum. Attenuate generator output to maintain .4 volts on output meter to prevent overloading.

STEP	GENERATOR CONNECTION	GENERATOR FREQUENCY (400 cycle mod)	GANG SETTING	ADJUST	REMARKS
IF ALIGNMENT 1.	Grid of conv (pin 7, 12BE6) thru .1 mf & B-	455 Kc	Fully open	T1 and T2 Top and Bottom	Adjust for maximum.
RF ALIGNMENT 2.	Grid of conv (pin 7, 12BE6) thru .1 mf & B-	1620 Kc	Fully open	C1, OSC. TRIMMER	Adjust for maximum.