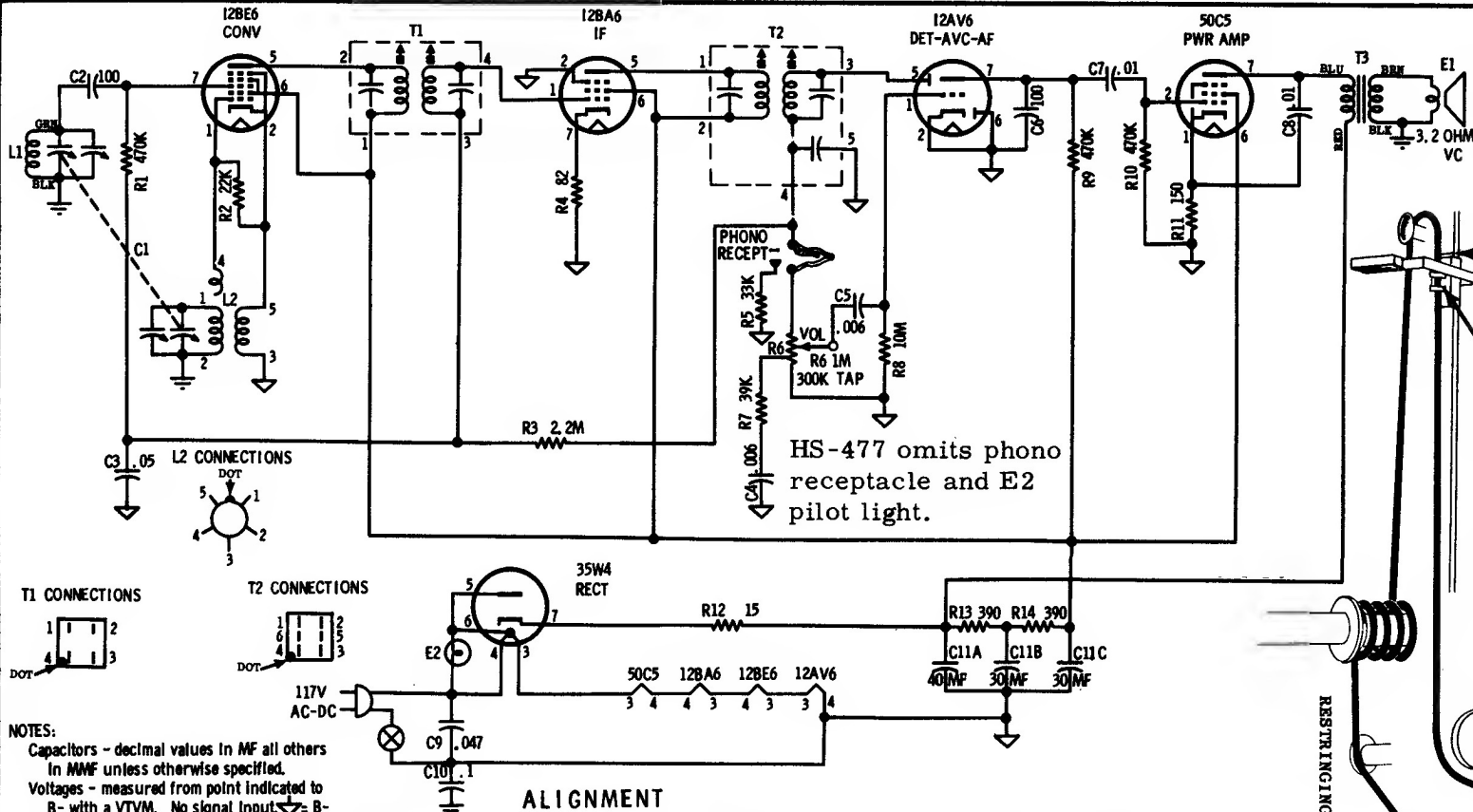


MOTOROLA

WITH GANG FULLY CLOSED,
CALIBRATION
MARK
SET POINTER TO CALIBRATION
MARK AND CEMENT TO CORD.

RESTRICTING DETAIL



Use an isolation transformer between the power line and the receiver. If not available, connect low side of generator to chassis 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 .40 volts on output meter to prevent overloading.

STEP	DUMMY ANTENNA	GENERATOR CONNECTION	GENERATOR FREQUENCY (400 cycle mod)	GANG SETTING	ADJUST	REMARKS
IF ALIGNMENT 1.	.1 mf	Grid of conv. (pin 7, 12BE6)	455 Kc	Fully open	1, 2, 3 & 4 (IF cores)	Adjust for maximum. Use insulated screwdriver.
OSC ALIGNMENT 2.	.1 mf	Grid of conv. (pin 7, 12BE6)	1620 Kc	Fully open	5 (Osc)	Adjust for maximum.
RF ALIGNMENT 3.	-	Radiation loop*	1400 Kc	Tune for max	6 (Ant)	Adjust for maximum.

*Connect generator output across 5" diameter, 5 turn loop and couple inductively to receiver loop. Keep loops at least 12" apart.

MOTOROLA

MODELS CHASSIS
56W1 Mahogany HS-476
56W1B Limed Oak HS-476

MODEL CHASSIS
56X1 Mahogany HS-477
56X2 Ivory HS-477
56X3 Green HS-477