

RADIO CHASSIS 1-606-1

MODEL 454 PORTABLE RADIOS

STEP	SIGNAL GENERATOR		TUNING CAPACITOR	ADJUST	COMMENTS
	Freq.	Connection	SETTING		
1.	455KC Modulated	Hot side through .01 Mfd. to pin 6 of 1R5 Osc. - Mixer, ground to chassis.	Tuning Capacitor plates fully open.	T2D T2C T1B T1A	Adjust T1 and T2 for maximum output indication. Reduce output of signal generator, as alignment progresses, to prevent overload of receiver.
2.	1700KC Modulated		Tuning Capacitor plates fully open.	C5 Osc. Trimmer for maximum.	These are preliminary adjustments only, and locate approximate settings of C5 and L2. Steps 4, 5 and 6 must now be observed.
3.	530KC Modulated			L2 Osc. Slug for maximum.	
4.	1450KC Modulated	Radiated to receiver through loop of several turns.	Position where signal generator output is heard.	C5 Osc. Trimmer for maximum.	
5.	600KC Modulated.			L2 Osc. Slug for maximum.	
6.	Steps 4 and 5 must be repeated until maximum output is obtained.				

