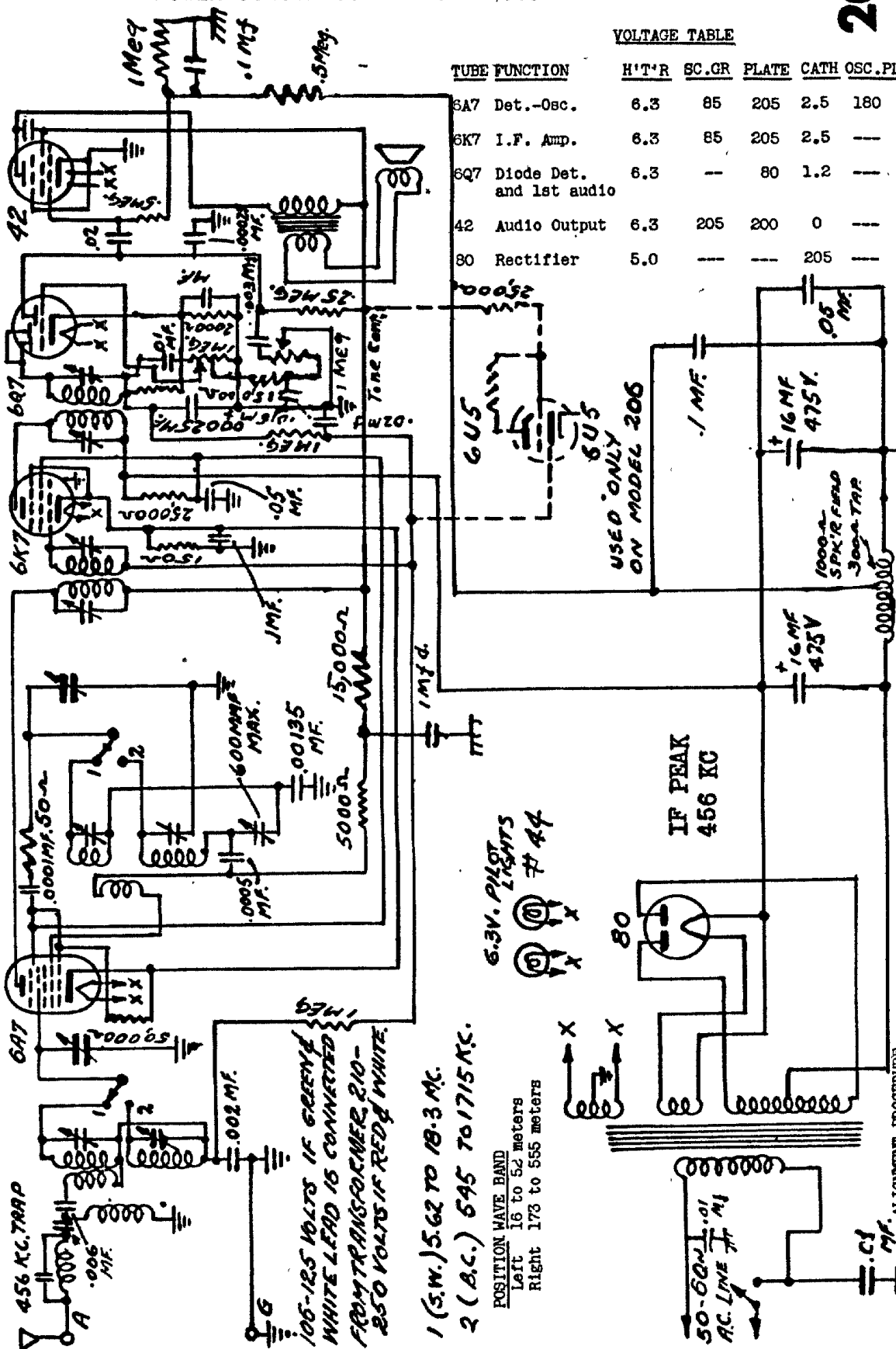


MODELS 205C, 205L, 205-1, 206L  
206C, 206-1, 206P4

MODEL 205C, 206L, 205L, 205-1, 206C, 206L, 206-1, 206P4  
POWER CONSUMPTION - 45 WATTS

**205-206**



**ALIGNMENT PROCEDURE**

Realignment of this receiver should not be attempted unless all other possible causes of faulty operation have first been thoroughly investigated. An accurately calibrated signal generator which will cover the various wave bands, and an output meter for indicating the effects of adjustments, are required.

**I.F. ADJUSTMENT** - The signal generator is set at 456 kc. The "hot" lead from the signal generator is connected to the grid cap on the 1st detector (6A7) tube, the clip having first been removed from the tube cap. The ground lead is connected to the receiver chassis. The oscillator section (front) of the gang tuning condenser is short-circuited and the volume control turned on full. The i.f. trimmers are then adjusted for maximum gain in the receiver. These trimmers are located on top of the i.f. transformer shield cans, which are situated in the rear of the chassis. The one towards the right is the 1st i.f. transformer and the left one is the 2nd i.f. transformer.

**18 MEGACYCLE ADJUSTMENT** - The short-circuit is removed from the oscillator condenser and the grid clip replaced in its normal position on the cap of the 6A7 tube. The "hot" lead from the signal generator is connected to the antenna lead of the receiver

and the ground lead to the ground of the receiver. With the volume control set at maximum and a minimum input signal from the signal generator, the band switch is returned to the left and the receiver dial set at 18 mc. The oscillator trimmer is adjusted so as to bring the signal in at this setting. The oscillator coil is underneath the chassis and is located directly under the variable gang condenser. The short wave trimmer is over the short wave winding (Heavy spaced wire.) After the oscillator is set, the antenna trimmer is adjusted for maximum output as indicated by the output meter. (Again the S.W. antenna trimmer is located over the heavy spaced winding on the antenna coil, and is accessible from the top of the chassis.) There are no other adjustments on this band.

**1550 KC KILOCYCLE ADJUSTMENT** - Turn the Wave Band Switch to the right. Set the signal generator to 1500 kc. and turn the dial pointer to correspond to this frequency. Adjust the oscillator trimmer for this band so that the signal is received exactly. (This trimmer is located over the close-wound fine winding on the antenna coil at this setting. Adjust the Broadcast antenna trimmer for maximum output as described previously. (This trimmer is over the small 5 section winding and is accessible from the top of the chassis.)