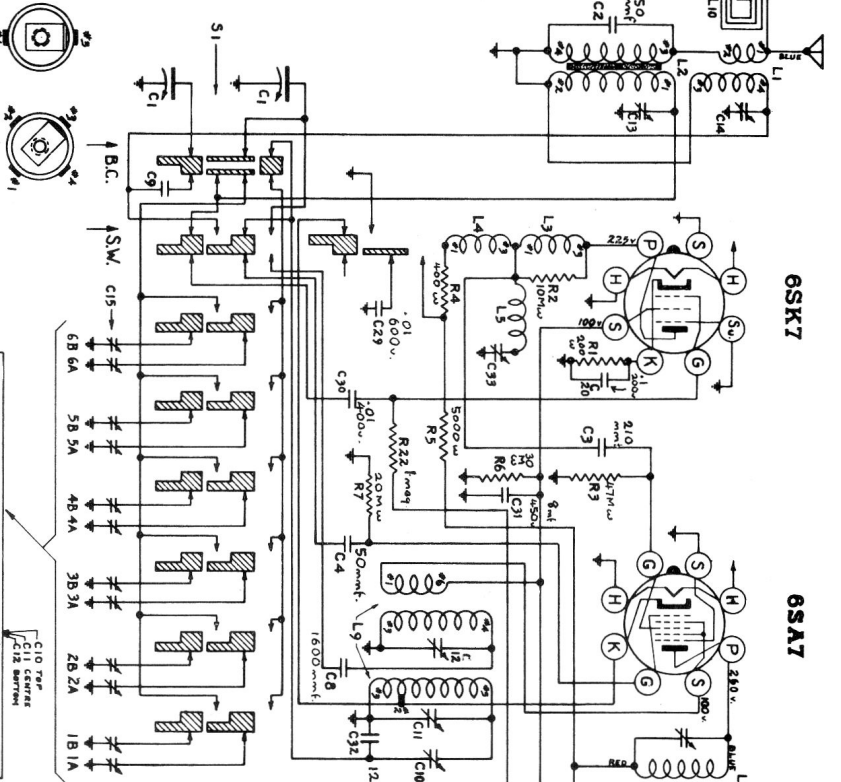
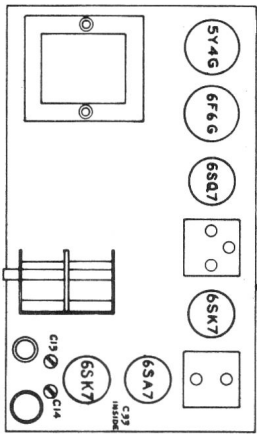


MODEL-474

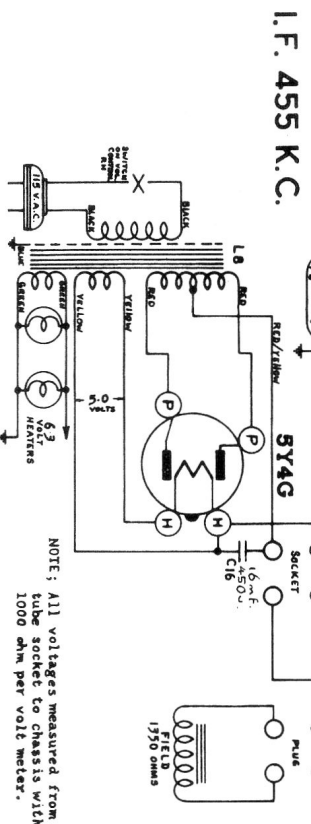
1940-41

NOTE:- The 2nd I. F. Transformer is triple tuned and designed to give a broad characteristic to facilitate automatic tuning. It MUST be aligned by tightening the RED trimmer as far as it will go, then adjust the other two trimmers for maximum output and lastly adjust the red one for maximum output.

With the plates of the gang condenser fully meshed, set the pointer at the end calibration mark at the low frequency end of the dial (530 k.c.), set the tone control at the "music" position and the volume control full on. Press the push button corresponding to the band being aligned using "Broadcast" for I. F. alignment, THEN, using the weakest signal which gives a readable output, proceed as follows:



No.	Dummy Antenna	Connect Signal Generator to	Signal Gen. Frequency	Receiver dial Setting	Trimmer to be Adjusted	Description of Adjustment
1.	.1 mfd. Condenser	Control grid of 6SK7 tube	455 k.c.	Any point on B.C. band that does not affect signal	2nd. & 1st I.F. Transformers	Adjust for maximum output and then repeat. (See note below).
2.	Standard dummy or 200 mfd Cond.	Antenna Lead	600 k.c.	600 k.c. on B.C. band	Oscillator series pad C19	Adjust to bring in signal.
3.	Standard dummy or 200 mfd Cond.	Antenna Lead	1500 k.c.	1500 k.c. on B.C. band	Oscillator shunt pad C11	Adjust to bring in signal
4.	Standard dummy or 200 mfd Cond.	Antenna Lead	1500 k.c.	1500 k.c. on B.C. band	Antenna shunt C18	Adjust for maximum output
5.	Standard dummy or 200 mfd Cond.	Antenna Lead	600 k.c.	600 k.c. on B.C. band	Oscillator series pad C10	Adjust for maximum output while rocking gang
6.						
7.	400 ohm carbon resistor	Antenna Lead	17000 k.c.	17000 k.c. on S.W. band	Oscillator shunt C12	Adjust to bring in signal
8.	400 ohm carbon resistor	Antenna Lead	16000 k.c.	17000 k.c. on S.W. band	Antenna shunt C14	Adjust for maximum output while rocking gang
9.	Standard dummy or Cond.	Antenna Lead	455 k.c.	Any.	Wave trap trimmer C88	Adjust for minimum output



NOTE: All voltages measured from tube socket to chassis with 1000 ohm per volt meter.

