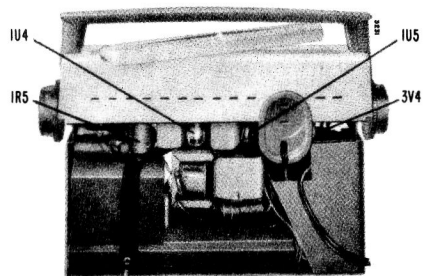


### ALIGNMENT PROCEDURE

- Set Volume control full on.
- Connect output meter across speaker voice coil.
- Use lowest setting of signal generator capable of producing adequate indication on lowest scale of output meter.
- Use a nylon alignment tool for IF transformers.
- Repeat adjustments to insure good results.
- Battery power is preferable for alignment; use FRESH batteries. If this set is to be aligned while operating on an AC power line, an isolation transformer should be used. If an isolation transformer is not available, connect a .1 mfd. capacitor in series with the signal generator low side to B minus (pin 7 of 1U5 tube).
- The case top cover must be removed to align IF step (1).



Location of Tubes.

### CHASSIS 4E2X and 4H2X MODELS 4E21X - 4F22X - 4F24X - 4F28X 4H22X - 4H24X - 4H28X

Step	Dummy Antenna in Series with Signal Generator	Connection of Signal Generator (High Side)	Signal Generator Frequency	Receiver Gang Setting	Adjustment Description	Adjustment Designation	Type of Adjustment
1	.1 mfd. capacitor	Stator of antenna tuning capacitor	455 KC	Gang fully open	2nd IF 1st IF	A, B C, D	Maximum Output
Install the case top section removed during IF Alignment							
2	Loop of several turns of wire, or place generator lead close to receiver for a <i>d e q u a t e</i> signal pickup.	No actual connection (signal by radiation)	1620 KC	Gang fully open	Oscillator (on gang)	E	Maximum Output
3	Loop of several turns of wire, or place generator lead close to receiver for a <i>d e q u a t e</i> signal pickup.	No actual connection (signal by radiation)	1400 KC	Tune in generator signal	Antenna (on gang)	F	Maximum Output