

## ALIGNMENT CHART

Step	Connect Test Oscillator to	Test Oscillator Setting	Pointer Setting on Radio	Adjustment for Maximum Output
1	1N5GT I-F grid in series with .05 mfd	455 kc	550 kc	2nd I-F Trans. (T2) Trimmers
2	1A7GT Conv. grid in series with .05 mfd	455 kc	550 kc	1st I-F Trans. (T1)
3	Repeat Steps 1 and 2			
4	Inductively coupled	1620 kc	Max. freq. cond. open	CIB OSC
5	Inductively coupled	1500 kc	1500 kc	C1A Ant. C1C RF
6	Inductively coupled	600 kc	600 kc	L2 Ant. Loading Coil
7	Inductively coupled	1500 kc	1500 kc	C1A Ant. C1C RF
8	Recheck Steps 5, 6, and 7			

Stage gain by vacuum tube voltmeter or similar measuring devices may be used to check circuit performances and isolate trouble. The gain values listed may have tolerances of 20 per cent. Readings should be taken with low signal input so that the AVC is not effective.

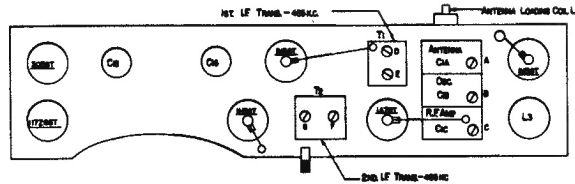
### (1) RF STAGE GAINS.

1N5GT r-f grid to 1A7GT grid ..... 25 at 1000 kc  
 1A7GT grid to 1N5GT i-f grid ..... 25 at 1000 kc  
 1A7GT grid to 1N5GT i-f grid ..... 30 at 455 kc  
 1N5GT i-f grid to 1H5GT diode plate ..... 65 at 455 kc

### (2) AUDIO GAIN.

.06 volt at 400 cycles across volume control (R17) with control set at maximum will give approximately .05 watt output across speaker voice coil.

### (3) DC VOLTAGE DEVELOPED ACROSS OSCILLATOR GRID RESISTOR (R6) AVERAGES 13 VOLTS AT 1000 KC.



# GENERAL ELECTRIC

**RADIO**  
**SERVICE DATA**  
 FOR  
**MODEL 254**

