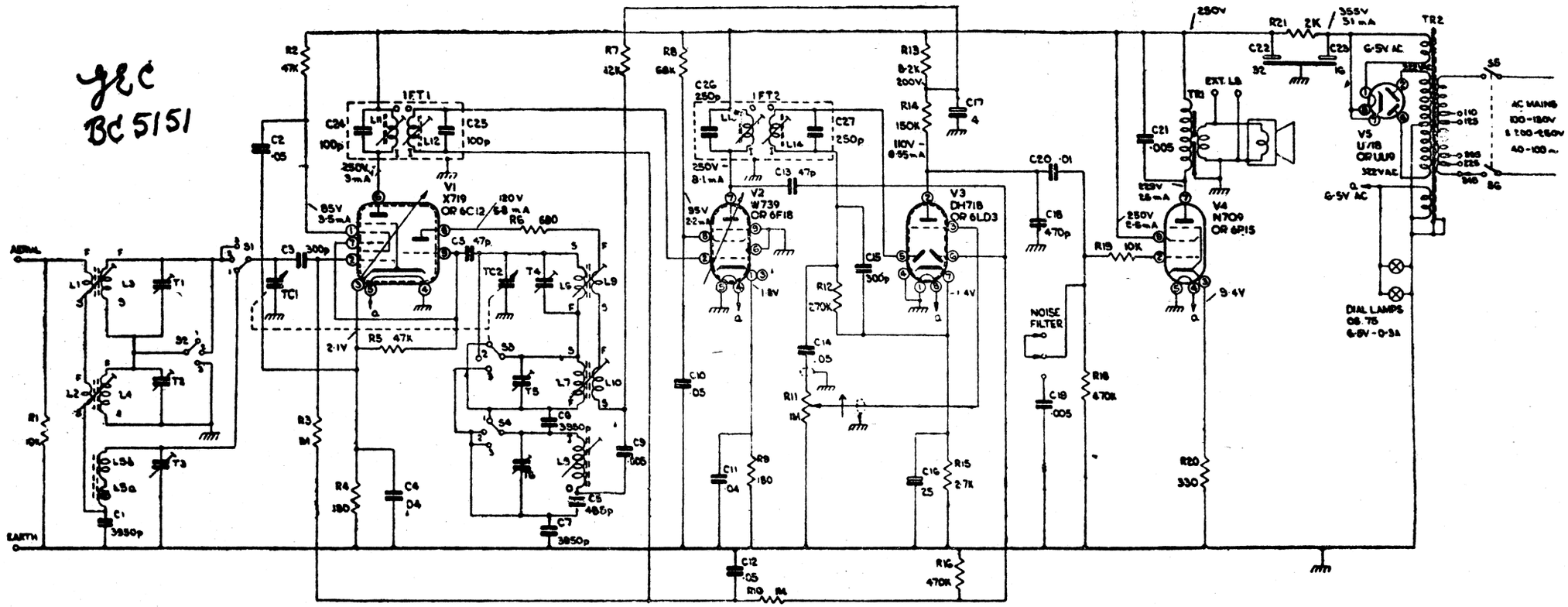
# GEC BC 5151




| R No. | Volue | Watts |
|---|---|---|
| 1 | 10K | 1/4 |
| 2 | 47K | ½ |
| 3 | 1M | 1/4 |
| 4 | 180 | 1/4 |
| 5 | 47K | 1/4 |
| 6 | 680 | 1/4 |
| 7 | 12K | ½ |
| 8 | 68K | ½ |
| 9 | 180 | 1/4 |
| 10 | 1M | 1/4 |
| 11 | 1M Vol. Con. | ½ |
| 12 | 270K | 1/4 |
| 13 | 8·2K | 1/4 |
| 14 | 150K | 1/4 |
| 15 | 2·7K | 1/4 |
| 16 | 470K | 1/4 |
| 17 | | |
| 18 | 470K | 1/4 |
| 19 | 10K | 1/4 |
| 20 | 330 | ½ |
| 21 | 2000 | 10 |

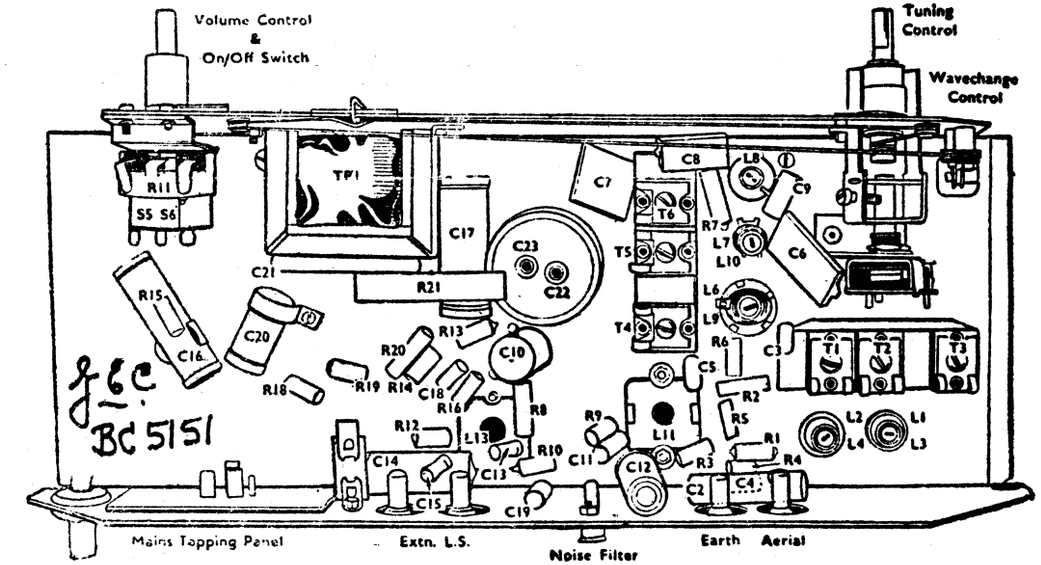
## Alignment Instructions

| CIRCUIT | FREQUENCY Mc/s | 0·90 SCALE | ORDER OF ADJUSTMENT OF TRIMMERS OR CORES |
|---|---|---|---|
| Intermediate Frequency | 0·470 | 90 | L14, L13, L12, L11 |
| SW1 Tuning | 7·2 | 76·5 | L6, L3 |
| | 21·6 | 6.0 | T4, T1 |
| SW2 Tuning | 2.7 | 66·0 | L, L4 |
| | 7·2 | 4.5 | T5, T2 |
| MW Tuning | 0.6 | 70·5 | L8, L5a |
| | 1.5 | 7·0 | T6, T3 |

NOTES :—1. Intermediate frequency circuits are aligned with the receiver switched to SW input across tuning capacitor TC1 via 0·1 uF.

2. Aerial and Oscillator circuits are aligned with input to aerial terminal via dummy aerial.

3. The adjustment routine must be repeated to ensure accurate alignment. (Cont.)



G. E. C. BC 5151—(Cont.)

| C.No. | Value | Tol—% | D.C.V. |
|---|---|---|---|
| 1 | 3950pF | 4 | 350 |
| 2 | ·05uF | 20 | 500 |
| 3 | 300pF | 20 | 500 |
| 4 | ·04uF | 20 | 150 |
| 5 | 47pF | 20 | 750 |
| 6 | 3950pF | 4 | 350 |
| 7 | 3950pF | 4 | 350 |
| 8 | 485pF | 2 | 350 |
| 9 | ·005pF | 20 | 400 |
| 10 | ·05uF | 20 | 500 |
| 11 | ·04uF | 20 | 150 |
| 12 | ·05uF | 20 | 500 |
| 13 | 47pF | 20 | 750 |
| 14 | ·05uF | 20 | 500 |
| 15 | 300pF | 20 | 500 |

| C.No. | Value | Tol+% | D.C.V. |
|---|---|---|---|
| 16 | 25uF | —20<br>+100 | 25 |
| 17 | 4uF | +50<br>—20 | 350 |
| 18 | 470pF | 20 | 500 |
| 19 | ·005uF | 20 | 150 |
| 20 | .01uF | 25 | 1000 |
| 21 | .005uF | 25 | 1000 |
| 22 | 32uF | +50<br>—50 | 450 |
| 23 | 16uF | +50<br>—50 | 450 |
| 24 | 100pF | 5 | 350 |
| 25 | 100pF | 5 | 350 |
| 26 | 250pF | 5 | 350 |
| 27 | 250pF | 5 | 350 |