



**ALIGNMENT AND SENSITIVITY**  
 SIGNAL GENERATOR MODULATED 30% AT 400 CYCLES

| STEP | APPLY SIGNAL<br>KC | TO              | THRU SERIES<br>DUMMY | SET GANG<br>AT | ADJUST FOR<br>MAX. OUTPUT  | NOMINAL SENSITIVITY<br>FOR 50 MW OUTPUT | NOMINAL SENSITIVITY<br>FOR 100 MV AT INODE LOAD |
|------|--------------------|-----------------|----------------------|----------------|----------------------------|---|---|
| 1    | 455                | 12BA6<br>#1 PIN | .05                  | MIN. CAP       | 2ND I.F.                   | CONTROL MAX<br>1200 uV                  | 4100 uV   |
| 2    | 455                | 12BE6<br>#7 PIN | .05                  | MIN. CAP       | 1ST I.F.<br>2ND I.F.       | 26 uV                                   | 100 uV  |
| 3    | 1460               | ANT.            | *                    | 1460 KC        | OSC. TRIM.<br>ANT. TRIM.   | 120 uV/M                                | 420 uV/M  |
| 4    | 600                | ANT.            | *                    | 600 KC         | OSC. SLUG<br>REPEAT STEP 3 | 230 uV/M                                | 950 uV/M  |
| 5    | 535                | ANT.            | *                    | TUNE<br>THRU   | CHECK ONLY                 |   |   |

\* FASHION LOOP OF SEVERAL TURNS OF WIRE AND RADIATE SIGNAL INTO LOOP OF RECEIVER ADJUST FOR MAXIMUM OUTPUT.