

## TS-940S/BS-8 ALIGNMENT PROCEDURE NOTES

Make the following changes/additions to the alignment procedure given in section 8.4 PAN DISPLAY ADJUSTMENT in the SM-220 Manual.

1. Step 6 notes that "you should hear the scope Marker directly injected into the transceiver IF." You will not be able to hear the scope marker thru the TS-940S speaker or headphones. Proceed to step 7 of the alignment procedures.
2. The TS-940S calibrator is a 100 Khz marker not a 25 khz marker, so you will only see three traces on the display (see Fig. 1 below). Adjust per the instructions in step 7 for maximum amplitude of the center trace and equal roll-off (amplitude) at the edges. The center trace should be greater in amplitude than the edges, if possible.
3. Step 8. Follow the procedure given (Remember the TS-940 has a 100 khz marker, not 25 khz). Then adjust VR202 and TC201 for the display as shown in Fig. 1.
4. Remaining steps are as noted in the SM-220 manual.

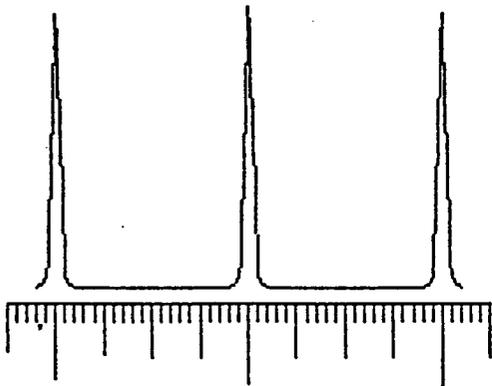


Figure 1

Note: All three traces will be approximately the same height. If possible, adjust so that the center trace is the highest. The actual adjustments as detailed in SM-220 manual will not produce a large affect.