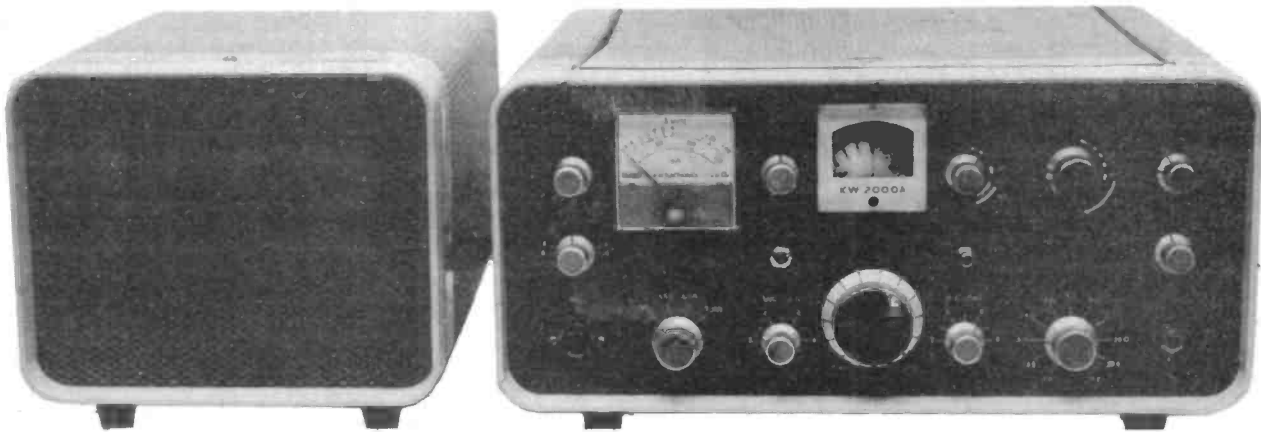


Upgrading the KW2000 series of HF transceivers



Part 3

Alignment procedure

by M.T. Healey, G3TNO
and R. Charles

The previous articles in this series have dealt with the location of faults in the KW2000 series of HF transceivers. If the procedure given has been followed it is likely that the rig will now be working reasonably well. This article describes the procedure to be adopted necessary to realign the transceiver.

Let's start with a caution: In the majority of cases, alignment will probably not be necessary, and if the rig seems to be operating satisfactorily it is best left alone! Having decided to tackle the job, the following tools should be available before beginning:

1. Hexagonal trimming tool, nylon/plastic.
2. Acetone to dissolve the coil

sealing compound (nail varnish remover is suitable).

3. Clear nail varnish to lock to cores.
4. Dummy load — filament lamps

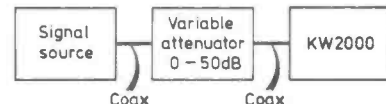


FIG.1. Typical test set-up for Rx alignment.

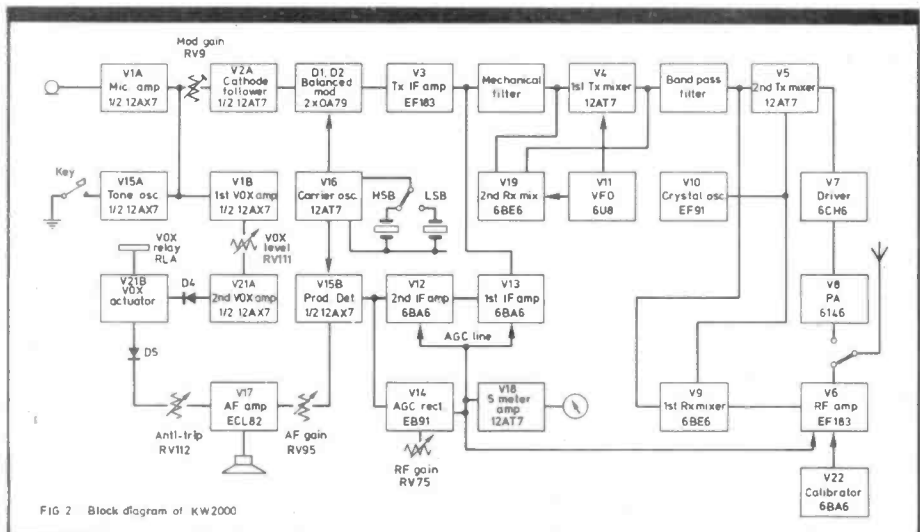


FIG 2 Block diagram of KW2000