

Analog Dial Calibration

1. Calibrate the main knob to 50 kHz analog against the digital display
2. Note the digital error. If it is more than 2 kHz adjust the VFO trimmer cap VC1 (center under the sealing tape) to exactly 50.0 on the digital readout.
3. Turn the main knob to 450 analog. If the digital error is less than 2 kHz it is in spec. If the digital error greater, proceed:

For instance, if the digital error is 14.454.0 (plus 4 kHz), multiply the error times 4 (16 kHz) and adjust the VFO trimmer cap

to the desired frequency (14.450.0) LESS the error, or 14.434.0.

Next, adjust the VFO inductor L1 (front under the sealing tape) back up to the desired frequency of 14.450.0.

4. If the error in step 3 was in the minus direction, reverse the direction of correction adjustment.
5. VFO linearity final check: The digital readout and analog dial should agree to within +/- 2 kHz at every 100 kHz dial point.

