

## RF Deck

There are several concerns in the RF deck. By far, the most common, re-occurring one involves the receiver not working well or perhaps not at all on the lower bands. Checking the output of the first crystal oscillator circuit of V-207 at J-221 reveals a peak to peak output of perhaps a few hundred millivolts instead of the 3+ volts. Tuning the transformer, T-207 will not correct the condition.

This is caused by C-327, a 100pf mica capacitor failing. It is across the primary of T-207 and is accessed from the underside of the RF deck as below. It should be replaced by a 100pf, 1KV ceramic disk capacitor and the circuit re-aligned.

