

# KENWOOD

ASB-1052

## Service Bulletin

Amateur Radio Division

**Subject:** TS-950SD 18.115 MHz Spur

**Date:** March 28, 1994

### Symptom:

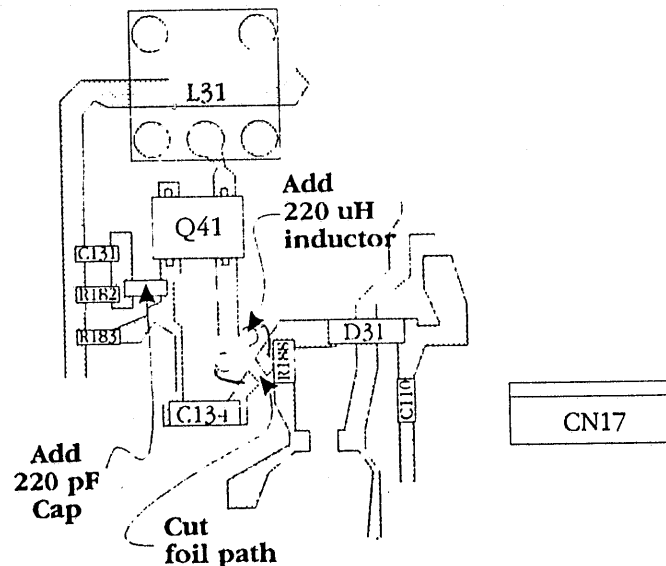
Transmitting on 18.1145 MHz causes a spur to appear at 18.1150 MHz with the antenna tuner on.

### Corrective Action:

Add the low pass filter shown in the accompanying diagram to the input circuit of mixer Q41 on the IF Unit (X48-3060-00). This filter will increase the attenuation by approximately 20 dB.

### Parts Required:

Qty	Description	New Part No.	Circuit Description
1	220 uH Inductor	L40-2211-14	NA
1	220 pF Chip Capacitor	CC73FSL1H221J	NA



### IF Unit (X48-3060-00) Foil Side View

**Caution:** This modification requires advanced surface mount soldering equipment that is rated for CMOS circuits. It also requires familiarity with advanced surface mount soldering techniques. If you do not have the proper equipment or knowledge do not attempt this modification yourself. Seek qualified assistance from your closest Kenwood Service Center (Long Beach, CA, or Virginia Beach, VA).

Time required for this modification is 60 minutes or less.

Service code A:06 B:X48-3060-00 C:ADDL D:91