



# SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

TR-2500

#858

SUBJECT: TR-2500 RX IMD Improvement

DATE 5/24/82

RX intermodulation distortion may be improved by reducing second conversion oscillator harmonic content and level. No adjustments are required. This may be applied to a unit specifically exhibiting out-of-band intermodulation distortion. It is, however, not a general improvement.

On the TX RX unit X44-1460-xx, perform the following changes;

- R55 from 47k $\Omega$  delete
- C73 47pf to 33pf (CC45SL1H330J)
- C74 100pf 150pf (CC45SL1H151J)

Add a shield between Q1, (R3,C5)and C73 (from L1 to near X1).

### ▲ TX, RX UNIT (X44-1460-10,-61,-51)

Component Side View

