

SPECIFIC RADIO TUNE-UPS (Cont'd):

Royce 582 PLL3001:

RX: VR101; AGC.
VR102; Squelch Range.
VR103; S Meter.

TX: Peak T301, T302, and L303.
VR201; AMC or Clip D201.

Royce 607:

This set uses L.S.I. chips. CCl 2001 is used for the following functions:

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|---------------|--------------|---------------|
| 1. RF AMP | 2. 1st Mixer | 3. 2nd. Mixer |
| 4. 1st if AMP | 5. AGC AMP | 6. Squelch |

Pin 7 is the output of the detected audio and feeds Pin 5 of the Audio Power AMP.

RX: T103; Tuned for Max. with 455 KC, 1KC, 30% signal injected at Pin 17 of IC101.
T101, T102; Adjust for Max. on Mid Channel.
VR101; RF AGC.
VR109; Audio Power.
VR102; Squelch Range.
VR103; S Meter.

TX: Peak T503, T504, T301, T302, L303, L304, CT301.
VR201; AMC or Clip D202.
VR301; RF Power Meter.
CT302, VR320 A.W.I.

Now on to frequency conversion. This set uses the new 3002 PLL/VCO combination chip. So you can forget about trying to get new channels out of this chassis.

SBE LCM-8 PLL03A:

RX: RV1; Squelch Range.
RV3; S Meter.

TX: Peak T8, L7, L11, L12.
RV2; AMC or Clip D13.
RV4; RF Power Meter.