

BOMAN CB920 (O2A)

SYNTH:

CT1 Adjust for 10.240 Mhz \pm 50 Hz. @TP1. on Ch.19.

T1 Adjust for maximum RF @ TP2 on Ch.19.

L1 Adjust for 3.6v on Ch.1 @ TP8. Ch.40 Approx. 1.9v (VCO)

With Frequency Counter of TP3 check for 3.3 Mhz.

Peak T2,L2, on Ch.19 using O-scope @ TP4.

With Frequency Counter on TP4, check for 37.660 on Ch.1.

Key XMTR on Ch.1, Check for 26.965 MHz.

RX:

Peak T10,T9,T8 on 455KC.

Peak T7,L14,T6,T5 on Ch.19.

RV1 Squelch Range

RV3 S Meter S9=100uV.

TX:

Peak L5,T3,T4,L7,L11,L12.

RV2 Modulation Adj.

RV4 RF Power Meter

FREQUENCY CONVERSION:

Cut Trace on pins 9 and 10 of IC1, PLL02A chip. Install 4.7K resistors across cuts, Wire up a DPDT Center Off Switch as Shown:

