

## UT-18 MODULE PROCEDURE

1. Audio from the microphone is coupled through IC BA4510 applied to Audio amplifier and buffer stage. Adjust VR R66 to control audio amplify level.
2. The RF signal of 682.375MHz to 697.125MHz is generated from VCO and is locked via PLL IC U5 when selected. Adjust VC C60 to correct the exact frequency..
3. The locked RF signal is coupled to buffer ( Q10 ) and amplifiers ( Q8 & Q9 ) .
4. After RF pre-amplify and final amplify, adjust VCs C67 & C68 to filter the spurious and harmonics and have the correct frequency pass through the maximum pass-point of the filter to transmit out. At this stage, the RF level is about 7dBm.

MASCOT ELECTRIC CO,LTD

DROW : Sherwin Liu    CHECK :

APPROVE :

DATE : MAY 28 2003