UF-18 MODULE PROCEDURE

1. Audio from the microphone is coupled through IC BA4510 applied to Audio amplifier and buffer stage. Adjust VR1 to control audio amplify level.

2. The RF signal of 790MHz to 806MHz is generated from VCO and is locked via PLL IC U4 when selected. Adjust VC C33 to correct the exact frequency. The RF level at this stage is about –15dBm.

3. The locked RF signal is coupled to buffer（Q9）and amplifiers （Q10 & Q5）.

4. After RF pre-amplify and final amplify, adjust VCs C59 & C82 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.

WA-GOL INDUSTRIAL CO,LTD

DROW：Sherwin Liu   CHECK：   APPROVE：

DATE ：MAY 28 2003