

## **TUNE-UP PROCEDURE**

Test frequency

CH1 -> 603.3MHz

CH2 -> 607.5MHz

(1)Transmission frequency adjustment

Connect RF output to a frequency counter ,then rotate the VC2 so that the transmission frequency can be adjusted with in  $\pm 1\text{kHz}$  for the nominal value at no modulation.

(2)RF output adjustment

- a) Connect the RF power meter to the pot ANT (RF impedance 50 ohm)
- b) Switch on the transmitter
- c) Check the Tx Power.
- d) Specification: 9dBm+/-1dBm

(3)Maximum deviation adjustment

Connect RF output to a modulation analyzer ,then adjust the MVR1 & MVR2 so that frequency deviation except tone signal becomes in the range of  $\pm 70\pm 0.2\text{kHz}$  when modulation signal below is input from Mic input (LPF:20kHz,P-P/2)