Adjustment procedure

1) RF power
   a) SW4 should be OFF postion.
   b) Connect EX-503(tie pin microphone) to 3.5mm Mini jack and insert 9V battery.
      Then, turns on SW3(power switch).
   c) Set F1 position of SW1 and maximize the level through T3, T4, T5, VC1 and VC2
      with the spectrum analyzer. Be aware that spurious level should be less than 45dB
      from the main carrier level.

2) Frequency
   a) Check the transmitting frequency through frequency counter and adjust T1 which
      makes its tolerance within ±0.5Khz.
   b) The same procedure should be applied for F2 (with T2)

3) Max deviation
   a) Connect the oscillator and AC voltmeter to the 3.5mm Mini jack.
   b) Input   the audio (1KHz,   -20dBB(0dBV=1V)) and monitor its carrier through
      FM liner detector.
   c) Adjust VR1 to make its deviation at ±12KHz

4) modulation sensitivity
   a) Input   the audio (1KHz , -36.5dBV(0dBV=1V))to 3.5mm Mini jack and monitor the
      carrier through FM liner detector.
   b) Set ±7KHz modulation with VR2.