

Bodypack Transmitter BP-300B / UT-200 TUNE-UP Procedure

1. TRANSMITTING.

1.1 FREQUENCY ADJUSTMENT

- a) Connect the frequency counter to the pot F1.
- b) Replace the crystal Y1 for the operating frequency.
- c) Adjust L9.
- d) Specification: Tx Frequency +/- 0.005%

1.2 TX POWER CHECK:

- a) Connect the RF power meter to the pot F1.(RF impedance 50 ohm).
- b) Switch on the transmitter.
- c) Check the Tx power.
- d) Specification: 12dBm +/- 1dBm

1.3 MAX. DEVIATION ADJUSTMENT:

- a) Connect the deviation meter to the pot F1.
- b) Apply the audio signal 400Hz,30mV to the MIC point.
- c) Adjust VR1.
- d) Specification: 20KHz, Dev. +/-2KHz.

1.4 Generate the 32.768KHz signal through the Q2,Q1,Y2 and output to Audio.

