

Operation procedure of HUM-017

1-1. Frequency adjustment

1. Connect the L210 with the frequency counter.
2. Connect the C113 with the digital DC multimeter.
3. Adjust the VC102 to make the DC voltage exist between 0.5~4V.
4. Adjust the VC101.
5. Specification: TX frequency is $\pm 1\text{KHz}$.

1-2. RF power test

1. Connect the L210 with the RF power meter. (RF impedance, 50 Ω).
2. Switch on the transmitter.
3. Check the RF power level at $10\text{dBm} \pm 1\text{dBm}$.

1-3. Deviation adjustment

1. Connect the L210 with the modulation meter.
2. Apply the audio signal 1KHz, 30mV to the MIC point.
3. Adjust the VR2.
4. Specification: $22\text{KHz} \pm 2\text{K}$.

1-4. Tone key adjustment

1. Connect the L210 with the modulation meter.
2. Connect the transmitter with power supply at $2.5\text{V} \pm 0.1\text{V}$.
3. Adjust the VR301.
4. Specification: $6\text{K} \pm 0.2\text{KHz}$.