

Operation procedure of HUM-016T & HUM-193T

1-1. Frequency adjustment

1. To connect the C213 with frequency counter.
2. To connect the C113 with digital DC multimeter.
3. To adjust the VC102 until the DC voltage is between 05~4V
4. To adjust the VC101
5. Specification: TX frequency +/- 1KHz

1-2. RF power test

1. Connect the C213 with the RF power meter. (RF impedance, 50ohm)
2. Switch on the transmitter
3. Adjust the VC103, VC104
4. Check the RF power level at 10dBm +/- 1dBm

1-3. Deviation adjustment

1. Connect the C213 with the modulation meter
2. Apply the audio signal 1KHz, 30mV to the MIC point
3. Adjust the VR2
4. Specification: 22KHz +/- 1K

1-4. Tone key adjustment

1. Connect the C213 with the modulation meter
2. Connect the transmitter with power supply at 2.5V +/- 0.1V
3. Adjust the VR1
4. Specification: 6K +/- 0.2KHz