



P.A. System Transmitter EW001 Procedure

1. TRANSMITTING.

Frequency Range: 638.35MHz to 643.475MHz

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: EW001 Frequency $\pm 0.005\%$

1.2 EW001 POWER CHECK:

- a) Connect the RF power meter to the pot F1. (RF impedance 50 ohm).
- b) Switch on the transmitter.
- c) Check the EW001 power.
- d) Specification: 3dBm ± 1 dBm

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. ± 2 KHz.

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

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