

Operation Description

The equipment under test (EUT) is power by DC 3V, DC2.4V built-in rechargeable battery and dynamo power. The EUT is AM/FM and Weather Band Receiver.

The brief circuit description is listed as follows:

D1, D2, D5, D6 (4 x 1N4001), M1 and associated circuit acts dynamo charge the built-in rechargeable battery

IC1 (KA22426D), CF1 (10.7MHz), CF2 (10.7 MHz) and associated circuit acts for AM/FM/WB radio

IC1 (KA22426D) is a monolithic integrated circuit the functions:

- AM/FM/WB RF Amp
- Local OSC
- AM AGC control
- FM/WB AFC control
- AM/FM/WB IF Amp
- Audio Power Amp
- DC Volume