

## **Technical Description - 32135**

The equipment under test (EUT) is a transmitter for walkie-talkie operating at 49.860 MHz which is controlled by a crystal. The EUT is powered by a 9V battery. There are a volume switch and a talk button on the unit turn on the volume to receiver the signal from another party, or push the talk button to transmit the voice signal to another party.

The brief circuit description is listed as follows:

- X1, Q5 and associated circuit act as local oscillator.
- T1 and associated circuit act as RF amplifier.
- Q3, Q4 and associated circuit act as audio signal amplifier.