

## **Technical Description**

The Equipment Under Test (EUT) is portable walkie-talkie which operates at 49.860MHz. The EUT is power by 4 x 1.5V AG13 batteries. After switching on the EUT and pressing and releasing the TALK button, the walkie-talkie can transmit and receive sound data to/from another walkie-talkie respectively. By pressing the CODE button, it can transmit Morse code.

**Antenna Type:** External, Integral

For electronic filing, the brief circuit description is saved with filename: descri.pdf.

**The brief circuit description is listed as below:**

- 1) U1 acts as a Frequency Converter Circuit (IC).**
- 2) Y1 (49MHz) acts as a crystal.**

**Antenna Type:** Internal antenna

**Antenna Gain:** 0dBi

**Nominal rated field strength is 70.2 dB $\mu$ V/m at 3m**

**Maximum allowed production tolerance: +/- 3dB**