

## **Technical Description**

The Equipment Under Test (EUT) operates at frequency range from 2405MHz to 2475MHz with using the following channel, 2405MHz, 2445MHz, 2451MHz, 2454MHz, 2458MHz, 2462MHz, 2467MHz, 2570MHz and 2475MHz. The EUT is powered by 4x 1.5V AA batteries.

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

- 1) U3 acts as a 2.4G RF IC (XN297).**
- 2) U1 acts as a MCU (PCM232-S16).**
- 3) U4 acts as a Power Chip (DH6206A33XG).**
- 4) X2 acts as a Crystal for U3.**

**Antenna Type: Internal antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 95.2 dB $\mu$ V/m at 3m**

**Maximum allowed field strength of production tolerance: +/- 3dB**