

## **Technical Description**

**The Equipment Under Test (EUT) is a portable 49.86MHz Transmitter (Controller Unit) for a RC car.**

**The EUT is powered by 9V battery. After switch on the EUT, the car can be controlled to move forward/backward and turn left/ right by the controller.**

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

- 1) U1 and the associated circuit act as the MCU (TX-2).**
- 2) Y1 acts as the frequency oscillator (49.86MHz).**

**Antenna Type: External Antenna**

**Antenna Gain: 0dBi**

**Nominal rated field strength: 70.0dB $\mu$ V/m at 3m**

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