

# Technical Description

Report No.: 17061439HKG-001

The Equipment Under Test (EUT) is a 2.4GHz pure Transmitter (Controller Unit) for a RC car operating at the frequency range of 2402-2480MHz with 1 MHz channel spacing.

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

Antenna Type: Internal integral antenna

Antenna Gain: 0dBi

Nominal rated field strength: 89.3dB $\mu$ V/m at 3m

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

The brief circuit description is listed as below:

1. IC1 and the associated circuit act as MCU.
2. X1 and the associated circuit act as frequency oscillator.